FINDLAY FLATS - RUSS ALLEY - 1633 VINE STREET, CINCINNATI, OHIO

PROJECT INFORMATION / CODE SUMMARY

PROJECT LOCATION:
1633 VINE STREET
CINCINNATI, OH 45202

PROJECT DESCRIPTION:
PROJECT IS THE RENOVATION OF AN EXISTING BUILDING CONTRIBUTING TO THE OVER THE RHINE LOCAL AND FEDERAL HISTORIC DISTRICT. THE EXISTING BUILDING IS THREE STORIES PLUS A BASEMENT AND AN UNOCCUPIED ATTIC WITH BRICK MASONRY BEARING WALLS AND WOOD-FRAMED FLOOR AND ROOF CONSTRUCTION (III-B). THE BUILDING CONTAINS 4 EXISTING DWELLING UNITS (ON SECOND AND THIRD FLOORS) AND 2 NEW DWELLING UNITS ARE PROPOSED (ON FIRST AND SECOND FLOORS). ONE OF THESE NEW UNITS WILL BE ANSI TYPE A ACCESSIBLE. THE BASEMENT IS AN EXISTING STORAGE (S-1) OCCUPANCY AND THE FIRST FLOOR AND REAR PORTION OF THE SECOND FLOOR IS EXISTING BUSINESS (B) / MERCANTILE (M) OCCUPANCY. **A PARTIAL CHANGE OF OCCUPANCY IS PROPOSED UNDER THIS PERMIT APPLICATION.** THE REAR PORTION OF THE FIRST AND SECOND FLOORS WILL BE CHANGED TO RESIDENTIAL (R-2) BUT THE FRONT PORTION OF THE FIRST FLOOR WILL REMAIN BUSINESS (B) / MERCANTILE (M). NEW FIRE-RATED ASSEMBLIES WILL BE INSTALLED BETWEEN THE R-2 AREA AND THE B / M / S-1 AREAS TO CREATE SEPARATED MIXED USES (REFER TO 508.4 OBC).

NEW WORK INCLUDES SELECTIVE DEMOLITION, MASONRY AND WOOD-FRAMING REPAIRS, NEW ROOFING, NEW DOORS, NEW WINDOWS, NEW INTERIOR PARTITIONS, NEW INTERIOR FINISHES, NEW KITCHENS, NEW BATHROOMS, FIRE RESISTANCE IMPROVEMENTS, ETC. AS DESCRIBED IN THESE DRAWINGS. THE WORK ALSO INCLUDES NEW HVAC, ELECTRICAL, PLUMBING, AND FIRE SUPPRESSION SYSTEMS. THE ELECTRICAL, PLUMBING, AND FIRE SUPPRESSION WORK WILL BE SUBMITTED FOR PLAN REVIEW UNDER SEPARATE PERMIT APPLICATIONS.

THIS PROJECT IS PURSUING STATE AND FEDERAL HISTORIC PRESERVATION TAX CREDITS AND LOW INCOME HOUSING TAX CREDITS. IT IS ALSO PURSUING ENTERPRISE GREEN COMMUNITIES CERTIFICATION.

ZONING REQUIREMENTS:
THIS PROJECT IS LOCATED IN THE COMMUNITY COMMERCIAL - PEDESTRIAN (CC-P) BASE DISTRICT, THE OVER THE RHINE LOCAL AND FEDERAL HISTORIC DISTRICT, AND THE URBAN PARKING OVERLAY DISTRICT.

A DENSITY VARIANCE WAS PREVIOUSLY APPROVED BY THE HISTORIC CONSERVATION BOARD TO ALLOW THE 2 ADDITIONAL DWELLING UNITS. REFER TO CASE COA2023005.

GOVERNING CODE(S):
2017 OHIO BUILDING CODE (OBC)
CINCINNATI BUILDING CODE (CBC)

EXISTING BUILDINGS:
ALTERATIONS SHALL COMPLY WITH THE REQUIREMENTS FOR NEW CONSTRUCTION *ONLY TO THE EXTENT OF THE ALTERATION*; THOSE PORTIONS OF THE BUILDING NOT ALTERED ARE NOT REQUIRED TO COMPLY WITH THE REQUIREMENTS FOR NEW CONSTRUCTION, SEE SECTION 3404 OF THE OHIO BUILDING CODE.

OCCUPANCY GROUPS:
A CERTIFICATE OF OCCUPANCY IS REQUESTED FOR THE R-2 RESIDENTIAL UNITS, THE BUSINESS / MERCANTILE STOREFRONT SPACE, AND THE S-1 STORAGE AREA UNDER THIS PERMIT APPLICATION.

	EXISTING	PROPOSED
BASEMENT	STORAGE (S-1)	STORAGE (S-1)
FIRST FLOOR [1]	BUSINESS / MERCANTILE	FRONT: BUSINESS / MERCANTILE REAR: RESIDENTIAL (R-2)
SECOND FLOOR [1]	FRONT: RESIDENTIAL (R-2) REAR: BUSINESS / MERCANTILE	RESIDENTIAL (R-2)
THIRD FLOOR	RESIDENTIAL (R-2)	RESIDENTIAL (R-2)
ATTIC	UNOCCUPIED	UNOCCUPIED

FOOTNOTES:
1. A TWO-HOUR FIRE-RATED FLOOR/CEILING ASSEMBLY WILL BE PROVIDED BETWEEN THE FIRST AND SECOND FLOORS TO SEPARATE THE RESIDENTIAL AND THE NONRESIDENTIAL OCCUPANCIES AS REQUIRED TO CREATE SEPARATED MIXED USES PER 508.4 OBC.

CONSTRUCTION TYPE:
TYPE III-B: EXTERIOR WALLS ARE OF NONCOMBUSTIBLE MATERIALS OR OF FIRE-RETARDANT-TREATED WOOD, PROVIDING TWO-HOUR FIRE RATING.

REQ'D FIRE RESISTANCE RATING FOR BLDG. ELEMENTS PER TABLE 601 OBC	
PRIMARY FRAME	0 HOUR
EXTERIOR BEARING	2 HOURS
INTERIOR BEARING	0 HOUR
NON-BEARING	0 HOUR
FLOOR FRAMING	0 HOUR
ROOF FRAMING	0 HOUR

BUILDING HEIGHT AND AREA:

OCCUPANCY	ALLOWABLE [1]	EXISTING	PROPOSED [2]
STORAGE (S-1)	AREA: 52,500 SF STORIES: 3 HEIGHT: 75'	AREA: ±1,994 SF STORIES: 3 HEIGHT: ±46'	AREA: ±1,994 SF STORIES: 1 HEIGHT: ±16'
BUSINESS (B)	AREA: 57,000 SF STORIES: 4 HEIGHT: 75'	AREA: ±1,994 SF STORIES: 3 HEIGHT: ±46'	AREA: ±1,994 SF STORIES: 1 HEIGHT: ±16'
MERCANTILE (M)	AREA: 37,500 SF STORIES: 3 HEIGHT: 75'	AREA: ±1,994 SF STORIES: 3 HEIGHT: ±46'	AREA: ±1,994 SF STORIES: 1 HEIGHT: ±16'
RESIDENTIAL (R-2)	AREA: 16,000 SF STORIES: 4 HEIGHT: 60'	AREA: ±1,994 SF STORIES: 3 HEIGHT: ±46'	AREA: ±1,994 SF STORIES: 3 HEIGHT: ±46'

FOOTNOTES:
1. ALLOWABLE VALUES ARE SHOWN FOR CONSTRUCTION TYPE III-B EQUIPPED WITH AN NFPA-13R SPRINKLER IN RESIDENTIAL AREAS AND AN NFPA-13 SPRINKLER OTHERWISE.
2. A TWO-HOUR FIRE-RATED FLOOR/CEILING ASSEMBLY WILL BE PROVIDED BETWEEN THE FIRST AND SECOND FLOORS TO SEPARATE THE RESIDENTIAL AND THE NONRESIDENTIAL OCCUPANCIES AS REQUIRED TO CREATE SEPARATED MIXED USES PER 508.4 OBC.

FIRE-RESISTANT CONSTRUCTION:

	MINIMUM FIRE RESISTANCE RATING	MINIMUM OPENING PROTECTION RATING *PER TABLE 716 OBC*
DWELLING UNITS (FIRE PARTITIONS)	1 HOUR *PER 708.3 OBC*	45 MINUTES
CORRIDOR WALL (FIRE PARTITIONS)	30 MIN *PER 1020.1 OBC*	20 MINUTES
EXIT STAIRS > 3 STORIES (FIRE BARRIERS)	2 HOUR *PER 1023.2 OBC*	90 MINUTES

INTERIOR FINISH RATINGS:

CEILING AND WALL COVERINGS PER TABLE 803.11 OBC AND FLOOR COVERINGS PER SECTION 804.1 OBC [1]			
	EXIT STAIRS	CORRIDORS	ROOMS
STORAGE (S-1)	CLASS C CLASS II	CLASS C CLASS II	CLASS C CLASS II
BUSINESS (B)	CLASS B CLASS II	CLASS C CLASS II	CLASS C CLASS II
MERCANTILE (M)	CLASS B CLASS II	CLASS C CLASS II	CLASS C CLASS II
RESIDENTIAL (R-2)	CLASS C CLASS II	CLASS C CLASS II	CLASS C CLASS II

FOOTNOTES:
1. TRADITIONAL FLOOR COVERINGS NOT COMPRISED OF FIBERS (E.G. TILE, VINYL, AND WOOD) ARE PERMITTED. FIBER-BASED FLOOR COVERINGS (E.G. CARPET) CLASSIFIED PER NFPA 253 AND SATISFYING ASTM D2859 ("PILL TEST") ARE PERMITTED.

AUTOMATIC SPRINKLER SYSTEM:
THE BUILDING IS CURRENTLY NOT PROTECTED BY AN AUTOMATIC SPRINKLER SYSTEM; A NEW AUTOMATIC SPRINKLER WILL BE INSTALLED UNDER A SEPARATE PERMIT APPLICATION. THE AUTOMATIC SPRINKLER SYSTEM IS TO COMPLY WITH NFPA-13 IN THE S-1 STORAGE AND THE BUSINESS / MERCANTILE AREAS (THE BASEMENT AND FRONT PORTION OF FIRST FLOOR) AND IS TO COMPLY WITH NFPA-13R IN THE R-2 RESIDENTIAL AREAS (THE REAR PORTION OF THE FIRST FLOOR AND FLOORS TWO THROUGH THREE).

NEW SPRINKLER HEAD(S) ARE TO BE INSTALLED AT WINDOW OPENINGS ADJACENT TO THE FIRE ESCAPE PATH OF TRAVEL TO PROVIDE "WATER CURTAIN" TYPE OPENING PROTECTION PER PREVIOUSLY APPROVED CINCINNATI DEPARTMENT OF BUILDINGS AND INSPECTIONS ALTERNATIVE ENGINEERED DESIGN (106.5 OBC). (**REFER TO "PROPOSED ALTERNATIVE ENGINEERED DESIGN LETTER ON A0.3a.**) THE FOLLOWING REQUIREMENTS SHALL BE SATISFIED:
1. WHEN APPLYING FOR THE FIRE SUPPRESSION PERMIT FOR THIS ADDRESS, THE FIRE SUPPRESSION SUBCONTRACTOR MUST SUBMIT A LETTER FROM THE SPRINKLER HEAD MANUFACTURER VERIFYING THAT THE PROPOSED SPRINKLER HEAD(S) PROVIDE 100% GLAZING COVERAGE.
2. A SMOKE DETECTOR MUST BE INSTALLED IN EACH ROOM WHERE A WINDOW OPENING IS PROTECTED BY A SPRINKLER HEAD (REFER TO ELECTRICAL DWGS).
3. THIS SMOKE DETECTOR SHALL BE HARDWIRED AND INTERCONNECTED WITH THE OTHER SMOKE DETECTORS LOCATED INSIDE THE SAME DWELLING UNIT.
4. PLASTIC PIPING SHALL NOT BE EXPOSED.

SPRINKLER DRAWINGS ARE TO BE PREPARED BY THE SPRINKLER SUBCONTRACTOR AND SUBMITTED FOR PLAN REVIEW UNDER A SEPARATE SPRINKLER PERMIT APPLICATION.

AUTOMATIC STANDPIPE SYSTEM:
THE BUILDING IS CURRENTLY NOT PROTECTED BY AN AUTOMATIC STANDPIPE SYSTEM; AND WILL REMAIN UNPROTECTED UNDER THIS PERMIT APPLICATION AS PERMITTED BY OBC. THE HIGHEST OCCUPIED STORY IS ±26' ABOVE THE LOWEST LEVEL OF FIRE DEPT. ACCESS AND STANDPIPES ARE REQUIRED WHEN THE HIGHEST OCCUPIED STORY IS >30' ABOVE THE LOWEST LEVEL OF FIRE DEPT. ACCESS.

PORTABLE FIRE EXTINGUISHERS:
NEW PORTABLE FIRE EXTINGUISHERS WILL BE INSTALLED THROUGHOUT THE S-1 STORAGE AND BUSINESS / MERCANTILE SPACES. THE MAXIMUM TRAVEL DISTANCE TO A FIRE EXTINGUISHER SHALL BE 75 FEET. COORDINATE THE LOCATION OF FIRE EXTINGUISHERS WITH ARCHITECT. EACH DWELLING UNIT WILL BE EQUIPPED WITH A PORTABLE FIRE EXTINGUISHER WITH A MINIMUM RATING OF 1-A:10-B:C.

AUTOMATIC FIRE ALARM:
THE BUILDING IS CURRENTLY NOT PROTECTED BY AN AUTOMATIC FIRE ALARM AND WILL REMAIN UNPROTECTED. NEW SMOKE DETECTORS WILL BE INSTALLED WITHIN EACH DWELLING UNIT PER SECTION 907.2.11 OBC. SMOKE DETECTORS WILL BE HARD-WIRED WITH BATTERY BACK UP AND WILL BE INTERCONNECTED WITHIN A DWELLING UNIT.

THE BUSINESS / MERCANTILE OCCUPANT LOAD IS NOT TO EXCEED 500 PEOPLE.

MEANS OF EGRESS:

	FLOOR AREA	LOAD FACTOR *PER 1004 OBC*	CALCULATED OCCUPANT LOAD
S-1 STORAGE	BSMT: 1,061 GSF	300 SF (GROSS)	BSMT: 4 PEOPLE
BUSINESS / MERCANTILE [1]	1ST FLOOR: 1,165 GSF	60-100 SF (GROSS)	1ST FLOOR: 20 PEOPLE
R-2 APARTMENTS	1ST FLOOR: 829 GSF 2ND FLOOR: 2,035 GSF 3RD FLOOR: 1,193 GSF	200 SF (GROSS)	1ST FLOOR: 5 PEOPLE 2ND FLOOR: 11 PEOPLE 3RD FLOOR: 6 PEOPLE
			46 PEOPLE (BLDG TOTAL)

FOOTNOTES:
1. THE FIRST FLOOR COMMERCIAL TENANT SPACE OCCUPANT LOAD WAS CALCULATED USING THE MOST RESTRICTIVE APPLICABLE LOAD FACTOR (MERCANTILE). OCCUPANT LOAD OF THIS SPACE SHALL NOT EXCEED 49. PER 303.1.1 AND 303.1.2 OBC, A SMALL ASSEMBLY SPACE WITH LESS THAN 50 OCCUPANTS IS CLASSIFIED AS A BUSINESS USE. A SEPARATE TENANT IMPROVEMENT PERMIT APPLICATION WILL BE SUBMITTED IF THIS SPACE WILL BE OCCUPIED BY A BAR, CAFE, OR SIMILAR SMALL ASSEMBLY SPACE.

THE BASEMENT IS PROVIDED WITH ONE EXIT AND DOES NOT COMPLY WITH THE COMMON PATH OF EGRESS TRAVEL LIMITS IN TABLE 1006.2.1 AND TABLE 1006.3.2. THIS IS AN EXISTING NON-COMPLIANT CONDITION THAT IS PERMITTED TO REMAIN.

THE NEW DWELLING UNIT IN THE REAR OF THE FIRST FLOOR AND THE NEW DWELLING UNIT IN THE REAR OF THE SECOND FLOOR ARE PROVIDED WITH A SINGLE EXIT. THE COMMON PATH OF EGRESS TRAVEL COMPLIES WITH THE LIMIT IN TABLE 1006.3.2.

THE BUSINESS / MERCANTILE STOREFRONT SPACE IS PROVIDED WITH TWO EXIT DOORS AND THESE EXIT DOORS ARE REMOTE. THE EXISTING DWELLING UNITS IN THE FRONT PORTION OF THE SECOND AND THIRD FLOOR ARE PROVIDED WITH TWO EXITS EACH: ONE INTERIOR EXIT STAIR AND ONE FIRE ESCAPE; BUT THESE TWO EXITS ARE NOT REMOTE. THIS IS AN EXISTING NON-COMPLIANT CONDITION THAT IS PERMITTED TO REMAIN.

ACCESSIBILITY:
PER LOW INCOME HOUSING TAX CREDIT PROGRAM REQUIREMENTS, 1 NEW ANSI TYPE A UNITS WILL BE PROVIDED. ANSI TYPE A UNITS ARE NOT REQUIRED BY THE OBC.

ANSI TYPE B UNITS ARE NOT REQUIRED PER 3411.9 OBC. AN ACCESSIBLE MEANS OF EGRESS IS NOT REQUIRED IN EXISTING BUILDINGS PER THE EXCEPTION TO 1009.1 OBC.

UNDER THIS PERMIT APPLICATION, THE EXISTING STOREFRONT ENTRANCE WILL BE MODIFIED TO BE ANSI / ADA ACCESSIBLE AND ONE NEW ACCESSIBLE RESTROOM WILL BE INSTALLED IN THE STOREFRONT TENANT SPACE.

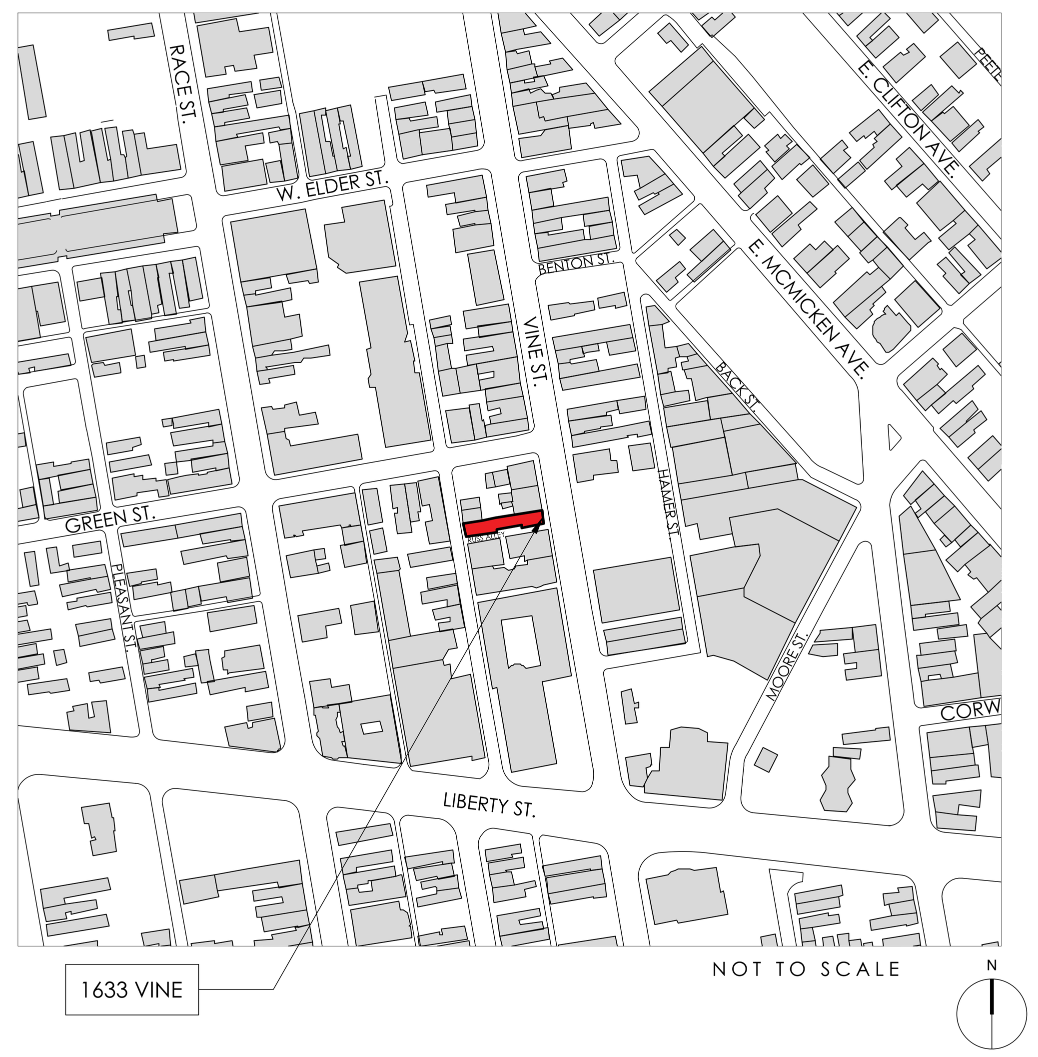
ABBREVIATIONS

ADJ.	ADJUSTABLE
A.F.F.	ABOVE FINISHED FLOOR
ALT.	ALTERNATE
ALUM.	ALUMINUM
APPX.	APPROXIMATE
ARCH.	ARCHITECT(URAL)
AVG.	AVERAGE
B/	BOTTOM OF
BD.	BOARD
BM.	BEAM
BLDG.	BUILDING
BLKG.	BLOCKING
BSMT.	BASEMENT
CAB.	CABINET
CLG.	CEILING
CLOS.	CLOSET
CMU	CONCRETE MASONRY UNIT
COL.	COLUMN
CONC.	CONCRETE
CONT.	CONTINUOUS
CPT.	CARPET
CSMT.	CASEMENT
C.F.	CUBIC FEET
D	DEEP OR DEPTH
DIA.	DIAMETER
DIM.	DIMENSION
DEMO	DEMOLISH OR DEMOLITION
D.H.	DOUBLE HUNG
DR.	DOOR
DW	DISHWASHER
DWG.	DRAWING
EA.	EACH
ELEC.	ELECTRIC OR ELECTRICAL
ELEV.	ELEVATION
EQ.	EQUAL
EQUIP.	EQUIPMENT
EXIST.	EXISTING
F.E.	FIRE EXTINGUISHER
FDN.	FOUNDATION
FIN.	FINISH(ED)
FLG.	FLOORING
FLR.	FLOOR
FRMG.	FRAMING
FT	FOOT OR FEET
FTG.	FOOTING
GA	GAUGE
GALV.	GALVANIZED
G.C.	GENERAL CONTRACTOR
GYP.	GYPSUM
H	HIGH OR HEIGHT
HR	HOUR
HDWD.	HARDWOOD
HM	HOLLOW METAL
HVAC	HEATING, VENTILATION, & AIR CONDITIONING
HORIZ.	HORIZONTAL
I.D.	INSIDE DIAMETER
IN	INCH(ES)
INSUL.	INSULATION OR INSULATED
L	LONG OR LENGTH
LB	POUND
LF	LINEAR FEET
MAX.	MAXIMUM
MECH.	MECHANICAL
MFR.	MANUFACTURER
MIN	MINUTE
MIN.	MINIMUM
M.O.	MASONRY OPENING
M.R.	MOISTURE RESISTANT
MW	MICROWAVE
N	NORTH
NO.	NUMBER
NOM.	NOMINAL
N.T.S.	NOT TO SCALE
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
OPG.	OPENING
OZ	OUNCE
PLWD.	PLYWOOD
PTD.	PAINTED
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT.	PRESSURE TREATED
R	RISER
RAD.	RADIUS
RCP	REFLECTED CEILING PLAN
REF.	REFRIGERATOR
REQ'D.	REQUIRED
REV.	REVISION OR REVISION
R.O.	ROUGH OPENING
RM.	ROOM
SECT.	SECTION
SPECS	WRITTEN SPECIFICATIONS
S	SOUTH
SF	SQUARE FEET
SIM.	SIMILAR
STD.	STANDARD
STL.	STEEL
SSTL.	STAINLESS STEEL
SQ.	SQUARE
T	TREAD
T/	TOP OF
T.B.D.	TO BE DETERMINED
TELE.	TELEPHONE
T.M.E.	TO MATCH EXISTING
TYP.	TYPICAL
TV	TELEVISION
U.N.O.	UNLESS NOTED OTHERWISE
VERT.	VERTICAL
V.I.F.	VERIFY IN FIELD
W	WEST, WIDE OR WIDTH
W/	WITH
W/D	WASHER & DRYER
WD.	WOOD
WDW.	WINDOW
WH	WATER HEATER
W.P.	WATERPROOF(ING)
X	BY
YD	YARD

REFERENCE PHOTO

EXISTING EAST ELEVATION

LOCATION PLAN



NOT TO SCALE

GRAPHIC SYMBOL LEGEND

- EXISTING CONSTRUCTION TO BE DEMOLISHED
- EXIST. STONE OR MASONRY BEARING WALL TO REMAIN
- EXIST. FRAMED WALL TO REMAIN
- NEW FRAMED WALL
- NEW MASONRY WALL OR MSONRY INFILL (CMU OR BRICK, REFER TO WALL TYPE)
- 1HR / 2HR — INDICATES REQUIRED FIRE RATING OF THE ASSEMBLY
- EXISTING OR NEW BEAM (ABOVE). SEE STRUCT. DWGS.
- EXISTING WINDOW TO BE REMOVED
- NEW WINDOW OR EXISTING WINDOW TO REMAIN (SEE TAG ON NEW WORK PLANS)
- EXISTING DOOR TO BE REMOVED
- NEW DOOR OR EXISTING DOOR TO REMAIN (SEE TAG ON NEW WORK PLANS)
- HATCH INDICATES AREA OF NEW LOWERED GYP. BD. CEILING (ABOVE). DASHED LINE INDICATES FACE OF SOFFIT (ABOVE). SEE DWG. KEYNOTES.
- HATCH INDICATES AREA OF FLOOR OR ROOF INFILL (REFER TO STRUCTURAL DRAWINGS.)
- WC — INDICATES OPENING PROTECTED WITH "WATER CURTAIN" TYPE SPRINKLER HEAD PER OBC 106.5. REFER TO CODE INFO. ON COVER SHEET A0.0 FOR ADDITIONAL REQUIREMENTS.
- CEILING ± X' - X" — CEILING HEIGHT TAG
- ## — DOOR TYPE TAG (SEE A0.5)
- # — WINDOW TYPE TAG (SEE A0.5)
- X — PARTITION TYPE TAG (SEE A0.2)
- UP — STAIR RUN DIRECTION TAG
- # — KEYED NOTE
- X — HISTORIC KEYED NOTE
- CENTERLINE
- X / A.X — DWG. NO. / SHEET NO. — ELEVATION TAG
- X / A.X — DWG. NO. / SHEET NO. — SECTION TAG
- X / A.X — DWG. NO. / SHEET NO. — DETAIL TAG
- 1 / 4 AX.X 2 / 3 — DWG. NO. / SHEET NO. — INTERIOR ELEVATION TAG
- # — REVISION CLOUD WITH REVISION NUMBER TAG
- SG — INDICATES SAFETY GLAZING REQUIRED.

GENERAL PROJECT NOTES

1. THE GENERAL CONTRACTOR (G.C.) SHALL VERIFY ALL INFORMATION IN THESE DRAWINGS AND SHALL REPORT ANY ERRORS, OMISSIONS, OR DISCREPANCIES TO THE ARCHITECT BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DEPARTURES FROM THESE PLANS NOT APPROVED IN WRITING BY THE ARCHITECT.
2. THE ARCHITECT HAS MADE NO INVESTIGATION TO DETERMINE IF ASBESTOS OR ANY OTHER HAZARDOUS MATERIAL IS PRESENT IN EXISTING CONSTRUCTION AND ASSUMES NO RESPONSIBILITY WITH REGARD TO ASBESTOS OR ANY OTHER HAZARDOUS MATERIAL.
3. THE G.C. IS TO REVIEW THESE DRAWINGS AND VISIT THE SITE BEFORE COMMENCING THE PROJECT IN ORDER TO FAMILIARIZE HIM OR HERSELF WITH THE PROPOSED WORK.
4. THE G.C. IS TO REMOVE ONLY THOSE ELEMENTS SLATED FOR DEMOLITION EITHER GRAPHICALLY OR BY NOTATION. NO OTHER ELEMENTS ARE TO BE REMOVED. IF THE CONTRACTOR QUESTIONS THE REMOVAL OF AN ELEMENT, OR IF THERE IS A CONFLICT BETWEEN THE NOTES AND THE GRAPHICS, CONTRACTOR IS TO ASK THE ARCHITECT IMMEDIATELY.
5. THE G.C. IS TO PROTECT AND SAVE BUILDING ELEMENTS CONNECTED TO, OR ADJ. TO, THOSE ELEMENTS WHICH ARE SLATED TO BE REMOVED.
6. THE G.C. SHALL NOT REMOVE ANY ELEMENTS WHICH MAY CAUSE THE STRUCTURE TO BECOME UNSTABLE, OR THAT WILL POSE A RISK TO PERSONS OR PROPERTY, EVEN IF INDICATED IN PLANS. IF ANY ELEMENTS BECOME UNSTABLE, CONTRACTOR IS TO STABILIZE AND SHALL INFORM THE ARCHITECT/OWNER IMMEDIATELY.
7. IT IS UP TO THE G.C. TO CONTINUALLY EVALUATE THE STRUCTURAL STABILITY OF THE BUILDING AND THE INTEGRITY OF ELEMENTS BOTH STRUCTURAL AND NON-STRUCTURAL THAT ARE SHOWN TO REMAIN. IF THE CONTRACTOR DETERMINES THAT SOME OF THESE ELEMENTS SHOULD BE REMOVED, HE/SHE MUST FIRST RECEIVE PERMISSION FROM THE ARCHITECT/OWNER, OR MAY BE FINANCIALLY RESPONSIBLE FOR THE REPLACEMENT OF THESE ELEMENTS.
8. THE G.C. IS RESPONSIBLE FOR THE REMOVAL OF ALL TRASH AND DEBRIS THROUGHOUT THE WORK. ALL DEBRIS MUST BE REMOVED AND DISCARDED IN A SAFE AND LEGAL MANNER.
9. THE G.C. IS RESPONSIBLE FOR THE PROCUREMENT OF ANY ADDITIONAL MATERIALS, EQUIPMENT, AND PERMITS AND FOR ANY FEES, PENALTIES OR RENTAL COSTS ASSOCIATED WITH THE DEMOLITION WORK.
10. THE G.C. SHALL IDENTIFY, LOCATE AND PROTECT ANY ABOVE AND BELOW-GROUND UTILITIES ON SITE DURING THE COURSE OF THE DEMOLITION WORK. UPON COMPLETION, CONTRACTOR IS TO LEAVE ALL UTILITY LINES AND CONNECTIONS IN A STABLE, PROTECTED STATE.
11. THE G.C. IS TO PROTECT THE BUILDING FROM THE ELEMENTS, THEFT AND VANDALISM AT ALL TIMES DURING WORK.
12. ELECTRICAL, MECHANICAL, & PLUMBING DRAWINGS ARE INCLUDED. ELECTRICAL, PLUMBING, AND FIRE PROTECTION WORK IS TO BE UNDER SEPARATE PERMIT APPLICATION BY CONTRACTOR.
13. FIRE PROTECTION (SPRINKLER) DRAWINGS ARE INCLUDED. FIRE PROTECTION WORK IS TO BE UNDER A SEPARATE PERMIT APPLICATION BY CONTRACTOR; FIRE PROTECTION PERMIT DRAWINGS ARE TO BE PREPARED BY SPRINKLER CONTRACTOR. CONTRACTOR TO SUBMIT SPRINKLER DRAWINGS TO ARCHITECT FOR REVIEW FOR CONFORMANCE WITH PROJECT HISTORIC REQUIREMENTS.
14. EXISTING FIRE ESCAPES ARE TO REMAIN. FIRE ESCAPE EVALUATION REQUIRED BY THE CITY OF CINCINNATI AND ASSOCIATED REPAIRS ARE UNDER A SEPARATE CONTRACT. FIRE ESCAPE REPAIRS ARE TO BE UNDER A SEPARATE PERMIT APPLICATION.

HISTORIC GENERAL NOTES

1. THE PROJECT IS PURSUING STATE AND FEDERAL HISTORIC TAX CREDITS. ANY CHANGE TO THE PROPOSED WORK IN THE ATTACHED DRAWINGS AND/OR THE HISTORIC PART 2 DOCUMENTATION ARE TO BE REVIEWED BY THE ARCHITECT TO DETERMINE IF THE CHANGE IS ACCEPTABLE TO SHPO (STATE HISTORIC PRESERVATION OFFICE), AND NPS (NATIONAL PARK SERVICE). AMENDMENTS MAY NEED TO BE SUBMITTED TO SHPO/NPS FOR FORMAL APPROVAL. THE DATES OF THE APPROVED HISTORIC PART 2 DOCUMENTATION ARE BELOW:
   1625 VINE: MAY 8, 2023.
   1629 VINE: NOVEMBER 24, 2020
   1633 VINE (FRONT): DECEMBER 7, 2020
   1633 VINE (REAR): NOVEMBER 27, 2020
2. IN-PROGRESS DEMOLITION PHOTOS REQUIRED: AS PART OF THE PART 2 APPROVAL, IN-PROGRESS PHOTOS ARE REQUIRED TO BE TAKEN AFTER SELECTIVE DEMOLITION IN ORDER TO DOCUMENT ANY HISTORIC OR NON-HISTORIC MATERIALS THAT ARE UNCOVERED. PHOTOS WILL BE SUBMITTED TO SHPO FOR REVIEW PRIOR TO COMMENCING ANY NEW CONSTRUCTION WORK. PRIOR TO COMMENCEMENT OF DEMOLITION AND CONSTRUCTION, CONTRACTOR AND ARCHITECT TO MEET TO DISCUSS THE SELECTIVE DEMOLITION SCHEDULE AND APPROPRIATE SITE VISIT DATES FOR REVIEW AND DOCUMENTATION.

ENTERPRISE GREEN COMMUNITY NOTES (GREEN STANDARD)

1. THE PROJECT WILL ACHIEVE ENTERPRISE GREEN COMMUNITIES (E.C.G.) CERTIFICATION, AND IS TO COMPLY WITH THE TECHNICAL REQUIREMENTS OF THE ENTERPRISE GREEN COMMUNITIES CRITERIA.
2. REFER TO THE ENTERPRISE GREEN COMMUNITIES CHECKLIST, AND TO THE SPECIFICATIONS "SUSTAINABLE DESIGN REQUIREMENTS" SECTION FOR RELATED CRITERIA.

RADON MITIGATION GENERAL NOTE (DELEGATED DESIGN)

1. PROVIDE A RADON MITIGATION SYSTEM IN ACCORDANCE WITH OHFA REQUIREMENTS - DELEGATED DESIGN.
2. PROVIDE SHOP DRAWINGS SHOWING PROPOSED ROUTING. NO EXPOSED PIPING IN OCCUPIABLE SPACES ABOVE THE BASEMENT.
3. COORDINATE W/ OWNER FOR SYSTEM REQUIREMENTS. TESTING TO BE PERFORMED TO DETERMINE IF SYSTEM WILL BE PASSIVE OR ACTIVE SYSTEM WITH FANS.
4. PROVIDE POWER TO ROOF FOR POSSIBLE FUTURE RADON FANS - SEE ELECTRICAL DRAWINGS, AND COORDINATE LOCATIONS AND QUANTITY OF FUTURE FANS W/ ELECTRICAL CONTRACTOR AND RADON CONTRACTOR.

ACCESSIBILITY GENERAL NOTES

1. THE PROJECT COMPLIES WITH THE ACCESSIBILITY REQUIREMENTS OF THE OHIO BUILDING CODE (OBC) AND THE ACCESSIBILITY REQUIREMENTS OF THE OHIO HOUSING FINANCE AGENCY (OHFA).
2. REFER TO THE **"ACCESSIBILITY"** SECTION OF THE "PROJECT INFORMATION/CODE SUMMARY" ON SHEET A0.0 FOR OHIO BUILDING CODE ACCESSIBILITY REQUIREMENTS.
3. THREE (3) ACCESSIBLE DWELLING UNITS ARE PROVIDED (1624 REPUBLIC ST., UNITS 13 & 14; 1630 REPUBLIC ST., UNIT 101 - SEE PLANS), WHICH ARE DESIGNED IN ACCORDANCE WITH **ANSI 117.1 "TYPE A"** DWELLING UNITS AS REQUIRED BY OHFA.
4. **SENSORY COMPATIBLE UNIT:** (1627 VINE ST., UNIT #201 - SEE PLANS) - AS REQUIRED FOR OHFA FUNDED PROJECTS, ONE (1) UNIT (EQUAL TO 2% OF ALL UNITS, SEE FLOOR PLANS) THAT IS **SENSORY COMPATIBLE FOR PERSONS WITH SIGHT AND HEARING DISORDERS** IS PROVIDED. SUCH UNITS SHALL COMPLY WITH THE 2010 ADA, SECTION 809.5 RESIDENTIAL DWELLING UNITS WITH COMMUNICATION FEATURES, BY PROVIDING THE FOLLOWING COMPONENTS:
   - HARD-WIRED ELECTRIC DOORBELL WHICH INITIATES AN AUDIBLE TONE AND VISUAL SIGNAL WITHIN THE DWELLING UNIT.
   - RESIDENTIAL DWELLING UNIT SMOKE DETECTION WITH AUDIBLE AND VISUAL SIGNAL DEVICES. SUCH SIGNAL DEVICES MUST NOT BE USED FOR ANY OTHER PURPOSE.
   - MEANS FOR VISUALLY IDENTIFYING A VISITOR (WITH A 180 DEGREE RANGE OF VIEW) WITHOUT OPENING UNIT ENTRY DOOR (PEEP HOLE - SEE DOOR SCHEDULE).
   - ADDITIONAL OHFA REQUIREMENT: TALKING THERMOSTAT FOR THE VISUALLY IMPAIRED.

OHFA UNIT MATRIX

FLOOR	UNIT / SPACE	GSF	OHFA CATEGORY
1	Unit #101 - Accessible 1-bedroom (rear)	717	low-income unit area
1, 2	Unit #201 - 0-bedroom efficiency (rear)	1,136	market-rate unit area
2	Unit #202 - 0-bedroom efficiency (front)	522	market-rate unit area
2	Unit #203 - 0-bedroom efficiency (front)	676	low-income unit area
3	Unit #302 - 0-bedroom efficiency (front)	522	low-income unit area
3	Unit #303 - 0-bedroom efficiency (front)	676	market-rate unit area

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NOT FOR CONSTRUCTION

CITYSTUDIOS ARCHITECTURE
1148 Main Street
Cincinnati, OH 45202
ph. 513.621.0750
citystudiosarch.com

advantage STRUCTURAL ENGINEERS
1527 Madison Road
Cincinnati, OH 45206
513 396 8900
www.advantageSE.com

VIOX&VIOX
Civil Engineers, Surveyors, and Landscape Architects
466 Erlanger Road • Erlanger, Kentucky 41018
602 Lila Avenue • Milford, Ohio 45150
Ph Erlanger (859)727-3293 • Ph Milford (513)576-1000 • www.vioxinc.com

PE Services
ENGINEERING FOR YOUR SUCCESS
1-513-836-3810
www.pe-services.com
9 North Broadway
Lebanon, OH 45046
513-836-3810

RUSS ALLEY
1631- 1633 VINE STREET, 1630 REPUBLIC STREET
(1633 VINE STREET HPTC APPLICATION)
CINCINNATI, OH 45202

3CDC CINCINNATI CENTER CITY DEVELOPMENT CORPORATION

ISSUE LOG:
06.02.2023 ISSUE FOR PERMIT
1 — 07.14.2023 PERMIT REVISION 1
09.21.2023 OHFA PRELIM. SUBMISSION

PROJECT INFORMATION

A0.0

PRELIMINARY: NOT FOR CONSTRUCTION

GENERAL NOTES

ALL WORK SHALL BE PERFORMED IN COMPLIANCE WITH THE REQUIREMENTS OF THE CONSTRUCTION DOCUMENTS, INCLUDING:

1. THESE PLANS;
2. STANDARD DRAWINGS REFERENCED HEREIN;
3. THE STATE OF OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS, DATE 01/01/2019 AND THE CITY OF CINCINNATI SUPPLEMENT TO THE STATE OF OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS, DATED 01/01/2016;
4. IN ACCORDANCE WITH A CONSTRUCTION SCHEDULE APPROVED BY THE CITY ENGINEER; AND
5. UNDER THE GENERAL SUPERVISION AND INSPECTION OF THE CITY OF CINCINNATI DEPARTMENT OF TRANSPORTATION AND ENGINEERING.

APPROVAL OF THESE PLANS BY THE CITY OF CINCINNATI, OHIO, IS BASED ON THE FOLLOWING TERMS AND CONDITIONS:

1. THE DEVELOPER SHALL AQUIRE FROM THE ABUTTING OR AFFECTED PROPERTY OWNER(S), ALL PROPERTY THAT IS NECESSARY FOR THE FULL AND COMPLETE DEVELOPMENT OF THE PROPOSED STREET(S) PRIOR TO BEGINNING WORK;
2. THE DEVELOPER AGREES TO PERFORM, AT THE DEVELOPER'S SOLE EXPENSE, ANY AND ALL WORK NECESSARY FOR PROTECTION OF THE ABUTTING AND AFFECTED PROPERTY OWNERS; AND
3. THE DEVELOPER SHALL INDEMNIFY AND HOLD THE CITY OF CINCINNATI, OHIO, HARMLESS FROM ANY AND ALL CLAIMS , WHICH MAY BE ASSESSED AGAINST THE CITY OF CINCINNATI, OHIO, RESULTING FROM THE DEVELOPER'S DEVELOPMENT OF THE PROPOSED STREET(S).

EROSION, SEDIMENT AND DUST CONTROL

IMPLEMENT THE EROSION AND SEDIMENT CONTROL PLAN WITH THE BEGINNING OF EARTHWORK TO MINIMIZE EROSION AND SEDIMENTATION IMPACTS ON DOWNSTREAM PROPERTIES AND UPON RECEIVING SEWER.

MINIMIZE IMPACTS OF DUST ON AIR QUALITY AND ADJACENT PROPERTIES THROUGH USE OF WATER, EQUIPMENT SELECTION, SCHEDULE AND OTHER MEASURES TO CONTROL DUST.

COVER ALL DISTURBED AREAS WHERE WORK IS NOT SCHEDULED FOR 21 DAYS WITH TEMPORARY VEGETATION. IN AREAS HIGHLY SUSCEPTIBLE TO EROSION, THE CITY OR CONTRACTOR MAY DETERMINE THAT TEMPORARY VEGETATION IS NEEDED WHERE WORK IS SCHEDULED SOONER THAN 21 DAYS. IN ALL CASES, SUCH DETERMINATION OR NOTICE. NO DISTURBED AREA SHALL BE LEFT UNCOVERED BY TEMPORARY VEGETATION FOR MORE THAN 28 DAYS.

CASTINGS

CONSTRUCT ALL UTILITY CASTINGS TO THEIR FINAL ELEVATION. WEDGE ALL CASTINGS PROJECTING $\frac{1}{2}$ INCH OR MORE ABOVE THE ELEVATION OF THE TEMPORARY ROADWAY SURFACE WITH ASPHALT CONCRETE TO A DIAMETER OF 8 FEET. REMOVE ASPHALT WEDGES IMMEDIATELY PRIOR TO FINAL PAVING

BACKFILLING TRENCHES

IN PROPOSED RIGHTS OF WAY, BACKFILL TRENCHES WITH EITHER CONTROLLED DENSITY BACKFILL OR STRUCTURAL BACKFILL. STRUCTURAL BACKFILL MAY ONLY BE USED IF A GEOTECHNICAL ENGINEERING AND MATERIALS TESTING FIRM PERFORMS COMPACTION TESTING IN ACCORDANCE WITH ODOT SUPPLEMENTAL SPECIFICATION 1015 AND VERIFIES THAT LIFTS DO NOT EXCEED 8 INCHES. MATERIALS, PLACEMENT AND COMPACTION SHALL BE IN ACCORDANCE WITH ODOT CMS 603.10 AND 603.11 AS MODIFIED BY THE CITY SUPPLEMENT. THE GEOTECHNICAL ENGINEERING AND MATERIALS TESTING FIRM MUST SEND ALL RESULTS OF THE COMPACTION TESTS TO THE DOTE ENGINEER. IN EXISTING RIGHTS OF WAY, BACKFILL ALL TRENCHES WITH CONTROLLED DENSITY BACKFILL ONLY.

GRADING NOTES

1. Before construction call Ohio 811 two (2) working days before you dig, 1-800-362-2764.
2. All single spot elevations are to top of paving or sidewalk. All double spot elevations are to top & bottom of curb.
3. Maximum slope of all handicap ramps shown shall not exceed 1:12.
4. Prior to beginning construction, contractor shall be responsible for verifying and field locating all utilities within the project limits so that construction will not damage or interfere with existing lines. If any utility lines are damaged, it is the contractor's responsibility to repair and/or replace the utility lines at the contractor's expense. Finished replacement or repair shall meet the approval of the specific utility owner.
5. All fill areas shall be compacted to a minimum of 95% of the maximum dry density per standard proctor analysis ASTM D 698 or to the project specifications, whichever is greater.
6. Existing elevations and contours on this plan are provided from GIS and site survey. Contractor shall coordinate horizontal and vertical control with engineer or surveyor prior to commencement of construction.
7. Improper grading/finishing of all excavation and fill placement within the project limits or adjacent right-of-way that result in drainage problems shall be removed and reinstalled to implement positive drainage by the contractor at no additional cost to the owner.
8. Benchmark information as provided shall be used to confirm existing topographic conditions prior to the commencement or any construction activities. Any conflict and/or discrepancies encountered between the existing topography shown and actual site conditions shall be reported to the engineer immediately.
9. The contractor shall not scale from these plans for field survey location.
10. Special care shall be taken to protect all trees, shrubs, etc. within existing landscape islands to remain. Contractor shall coordinate all tree removal with owner prior to construction to delineate which tree and landscaping is to be left in-place.
11. The developer is responsible for surface and sub-surface drainage related to his/her lands, and shall provide for such drainage in a way as to properly relieve waters from their land, without obstructing existing drainage patterns or increase runoff onto adjacent properties.
12. All soft and unsuitable material in areas to receive fill must be over-excavated to a stable sub-base, and backfilled with an approved engineered backfill. All backfill must meet the compaction requirements of the specifications or as shown on the drawing, whichever is the more stringent requirement.
13. All disturbed areas not to receive pavement shall receive 6" of topsoil.
14. Contractor to follow all geotechnical recommendations.
15. Contractor to coordinate new exterior finished grade(s) with Architectural and Structural Drawings prior to installation of any new pavement.

GENERAL NOTES

1. It shall be the full and complete responsibility of the contractor to meet and comply with safety requirements and regulations as established by O.S.H.A. or any other regulatory body. The owner and engineer will not perform any safety compliance inspections as the contractor has accepted full and complete responsibility for performing such inspections for compliance to the regulations. The contractor shall indemnify and hold harmless the owner and the engineer from any loss, expense, fine, or suit, including attorney's fees, arising out of any safety violation suits brought by injured persons and/or fines levied by O.S.H.A or any other regulatory body, as result of the contractor's work.
2. If controlled low-strength material (CLSM) fill is used it must not exceed 28 days strength in specifications (80 psi). CLSM fill required in all utility trenches under existing paved areas. This expense to be included in appropriate bid item.
3. Contractor shall raise, lower, shift, and etc. all existing or proposed manhole covers' grates, valve boxes and etc. to comply with new construction as shown or not shown on these plans at no additional cost to the owner.
4. Contractor shall implement traffic control measures in accordance with applicable state & local standards, procedures and regulations while working within roadway easements & r/w or when work affects traffic flow or safety.
5. All streets and roadways adjacent to project shall be cleaned of dirt and debris at end of each day.
6. All necessary inspections and/or certifications required by codes and/or utility service companies shall be performed prior to announced building possession and the final connection of services.
7. All necessary encroachment permits will be obtained prior to construction.
8. All asphalt surface on existing roadways damaged during construction shall be sawcut, removed and replaced. The number of sawcuts shall be minimized in order to make one continuous patch as directed by the engineer and or local officials.
9. All pavement, sidewalk, curb, gutter, etc. to be reinstalled shall match existing width and thickness.
10. Any site signage will be by separate permit.
11. The minimum water flow requirement for this project shall be 2000 GPM at 20 PSI.

DEMOLITION NOTES

1. All potential erosion shall be controlled in such a manner so as to prevent any displacement of silt to adjacent property owners or right-of-way. This control shall be implemented through proper installation of silt fence, or straw bales during the construction duration and maintained until proper ground cover has been established.
2. Silt fences shall be repaired to their original condition if damaged. Sediment accumulation must be removed when sediment height reaches the $\frac{1}{3}$ height of the silt fence.
3. Minimize off-site sediment tracking of vehicles by the use of granular material in all construction entrances, along with regularly scheduled sweeping/good housekeeping. Stabilized construction entrances to be properly maintained and in good working order at all times.
4. Dust controls using approved materials must be performed at all times. The use of motor oils and other petroleum based or toxic liquids for dust suppression is prohibited.
5. All materials spilled, dropped, washed, or tracked onto the roadways or into the storm sewer must be removed immediately.

LANDSCAPE SPECIFICATIONS:

1. Landscape contractor shall verify and identify the location of all undergournd utilities prior to commencing work. Landscape conctractor shall protect existing improvements from damage by his actions.
2. All debris shall be removed from the planting area prior to planting.
3. All plants shall have a growth habit that is normal for the species and shall be sound, healthy, vigorous, and free from insects, pests, plant diseases, and injuries.
4. Plantings shall be conducted under favorable weather conditions.
5. Plantings shall be located where they are shown on plans. In the case of unforseen obstructions notify landscape architect.
6. SETTING PLANTS: Proposed plant pits shall be positively identified prior to digging and should be marked by the landscape contractor to the satisfaction of landscape architect. Each plant shall be set one plant per hole. All holes shall have scored sides with topsoil crowned at the bottoms and tamped to reduce settlement. Each plant pit shall be a minimum of two times larger than the root ball of the plant to be installed. Plants shall be set to the grade at which it grew at the nursery.
7. BACKFILLING: Topsoil shall be free from rocks and debris. Plant pits shall be backfilled to fill all voids. Firmly tamp backfill to prevent settlement.
8. GUYING: Trees over seven feet in height shall, immediately after planting, be guyed according to the detail drawing provided.
9. MULCHING: A layer of specified mulch shall be placed on the finished grade immediately after planting. Mulch shall cover an area 6" greater in diameter than that of the hole. Shrub beds shall be completely covered to the extents of the bedline, or unless otherwise noted.
10. HERBICIDE: Apply typical herbicide to all bare soil prior to spreading mulch. Herbicide shall be applied according to the manufacturer's recommendations.
11. FERTILIZER: Provide typical fertilizer after installation to initiate nutrient uptake. Fertilizer shall be applied according to manufacturer's recomendation.
12. WATER: Contractor to fully soak root ball of trees immediately after planting. minimum of 3 minutes per root ball.
13. GUARANTEE: All plants shall be guaranteed for a period of 12 months from the time of acceptance by the project owner.

GENERAL:

1. All retaining walls should be designed by a design professional familiar with the desired wall and complete with detailed building instructions.
2. Landscape drainage channels should be constructed as to not permit runoff to bypass into building structures, pools, sanitary sewer systems, etc., or to cause flooding of neighbor's property.
3. All landscape storm water inlets shall be located with a back-up safety storm water surface route (in the event of clogging) that will not cause flooding of structures or neighbor's property.
4. Maintenance of landscaped areas should include inspections of storm water drainage routes. Removal of debris blocking drainage ways, and/or lowering mulch/turf build-ups may be necessary to maintain proper drainage. Catch basins should be cleared of debris to prevent clogging. Review of pipe flow should occur on a regular basis depending upon local conditions.

SMU EROSION CONTROL NOTES

1. All erosion control measures must be in place before construction activities begin. These measures must remain in place and functional throughout the course of earth disturbing activity and may only be removed once the disturbed site is re-stabilized.
2. When available, use at least a 5' strip of vegetation area around the perimeter to aid the erosion control measures.
3. Contractor shall remove existing ground cover only as necessary for the project phase currently under construction.
4. All ground surface areas that have been exposed or left bare as a result of construction and are to final grade and are to remain so, shall be seeded and mulched as soon as practical in accordance with state of Ohio specification item 659, and per table listed on this sheet "stabilization."
5. Soil stockpiled must be stabilized and protected with sediment trapping to prevent soil loss.
6. Unless otherwise noted, standards and specifications established in the latest edition of the Ohio Department of Natural Resources "Rainwater and Land Development" Manual, current edition, shall govern the erosion and sediment control installations specified on this plan.
7. Silt fences and "inlet filters" are to be continuously maintained by the developer and/or contractor until all danger or erosion/sedimentation occuring has been eliminated.
8. The developer and/or contractor shall perform street sweeping, on a regular basis, as directed by the city, and immediately in the event that mud or debris are tracked onto the street.
9. The developer and/or contractor shall inspect the surrounding streets and jobsite perimeter at the end of each working day to ensure that all debris with potential to enter existing storm sewers and water courses are removed.

SMU STANDARD PLAN NOTES

1. All plans and construction within the City of Cincinnati shall comply with Chapter 720 of the City's Municipal Code along with the latest editions of SMU's: a) Detention Operation and Maintenance Plan, b) Fees, c) Standard Drawings, d) Pipe Materials Policy, and e) Rules & Regulations. These documents can be downloaded from SMU's website at: http://www.cincinnati-oh.gov/stormwater/. If there are conflicts between these documents SMU shall be contacted to resolve the issue prior to work commencing. SMU can be reached at 513-591-7746 or StormwaterManagement@cincinnati-oh.gov.
2. Temporary erosion control measures shown on the plans shall be installed as early as possible and be maintained throughout the project.
3. A National Pollutant Discharge Elimination System (NPDES/Municipal Separate Storm Sewer System (MS4) permit is required if the total land disturbance will be equal to or greater than one acre in a storm only sewer and/or if discharging to a creek. A copy of the permit must accompany the request for approval of the plan.
4. SMU does not allow two-piece castings or slab top manholes and only reinforced concrete pipe (RCP) or ductile iron pipe (DIP) is permitted within an easement or right-of-way.
5. SMU does not allow drainage structures within 5 feet of a driveway.
6. All public storm drainage construction and materials shall be in accordance with latest edition of the Ohio Department of Transportation (ODOT), Construction and Material Specifications, and with the latest edition of the City of Cincinnati Supplement to the ODOT Construction and Material Specifications. If there is a conflict between the governing specifications the most stringent shall be used. SMU shall be contacted to resolve any discrepancies prior to work commencing. SMU can be reached at 513-591-7746 or StormwaterManagement@cincinnati-oh.gov.
7. The owners of all properties shown on this improvement plan shall be subject to all applicable sewer mainline inspection fees, service charges, assessments, tap-in charges or other fees, which have been established by City Council, City of Cincinnati.
8. All work done on stormwater infrastructure within the City of Cincinnati must be done by a contractor who is an approved sewer tapper properly licensed and bonded through the Metropolitan Sewer District of Greater Cincinnati.
9. A stormwater tap permit is required for each building. Bond or final acceptance of the main line is required prior to issuance of a tap permit. A sketch shall be submitted by the plumber, which shall show the elevation and location of the stormwater tap with respect to the nearest storm manhole. A request for application can be sent to StormwaterManagement@cincinnati-oh.gov.
10. All public stormwater infrastructure that is being tapped into must be cored, and inspected as part of the Tap Permit Process.
11. All stormwater infrastructure shown within this set of plans is intended to be turned over for public ownership. Stormwater infrastructure that will be constructed on the future individual lots is to be private and maintained by the owner(s).
12. Stormwater infrastructure construction must commence within 12 months and be completed within 36 months of the date of approval shown hereon or these plans become void.
13. Near the completion of work on all stormwater infrastructure, the (contractor/owner/developer/etc.) shall request CAGIS IDs from SMU. Upon completion of the work using said IDs the (contractor/owner/developer/etc.) shall close circuit televise (CCTV) the public stormwater mainlines as well as provide digital photographs of the lines and structures. The CCTV shall be Pipeline Assessment Certification Program (PACP) - compliant and submitted to SMU for approval.
14. FINAL ACCEPTANCE: In order for SMU to grant final acceptance the following must be supplied:
    a. As-built drawings with accurate locations, descriptions, and quantities of the installed materials
    b. Final cleaning and inspection by the owner of the infrastructure must be completed and without conflicts.
15. SMU reserves the right to refuse ownership on behalf of the City.

DUKE GAS FACILITY NOTES:

1. For gas distribution engineering notification, agreements and official correspondence, address to:
   John T. Stenger, P.E.
   Gas Distribution Engineering
   P.O. Box 960, Room 460A
   Cincinnati, OH 45201-0960
2. The print shows the approximate location and depths of cover and is provided to comply with statutory regulations. The information should be used only for planning, not construction.
3. All gas facility depths noted are approximate depths recorded at the time of installation. any resulting grade changes since the time of the main installation will cause the existing depth of cover to be different. Extreme care must be taken to ensure safe excavation when approaching known or suspected gas facilities.
4. All gas services were installed at a minimum of 1"-6" cover. see note 3 above.
5. For additional gas facility information, call (513) 287-2532 or (513) 287-1264.
6. To comply with federal and state regulations concerning damage prevention programs, the utility companies must be contacted at least 48 hours (2 working days) prior to excavation by calling kentucky underground protection inc., toll free at 811.

Duke gas construction notes:

7. Gas facilities are kept in service at all times.
8. The contractor shall be responsible for all damage to gas facilities during or as a result of the contractor's construction. All damage to gas facilities during adjustments, relocations and/or repairs will be made at the contractor's expense.
9. The contractor shall sheet and shore all excavations as required to continuously support gas facilities within the zone of influence (as determined by the natural angle or repose of the soil).
10. Crossing buried gas facilities with heavy construction equipment may cause damage to the gas facilities. Contact the gas engineering department for details on how to protect the gas facilities from damage.
11. The contractor shall not backfill exposed gas facilities until the utility has inspected its facilities and performed any maintenance and/or adjustments that may be required.
12. The contractor is responsible for preventing and damage to our gas facilities. This includes protection of coolings and wrappings on steel gas mains. It also includes any damage which may have occurred to plastic gas mains, such as crimps or gauges.
13. When cast iron or similar gas facilities are exposed or interfered with by the contractor, replacement or reinforcement by Duke may be required at the contractor's expense. backfield with control low strength material will be required.
14. Blasting or other construction procedures which may transmit loads or vibrations in the vicinity of gas facilities must be approved by Duke's gas engineering department. A blasting plan, identifying all pertinent information, must be submitted in writing by a blasting expert prior to any work.

Proposed developments at Duke gas r/w & easements (if applicable):

15. Proposed development plans around and near gas facilities within private easements must be submitted to Duke's gas engineering department for review. these plans must be approved before any work may begin within our easement.
16. Specified easement widths must be maintained in order for Duke to protect it's facilities.
17. No permanent structures may be built within the easements.
18. Cuts and fills are generally not permitted within the easements. Some fills may be allowed and will be reviewed on an individual basis. Any permitted fills will be limited to an amount which will allow Duke to properly maintain its facilities.
19. Perpendicular utility crossings of gas easements are acceptable, provided proper clearances are maintained. parallel installations are normally not allowed.

MSD SANITARY SEWER NOTES

1. All plans and construction within Hamilton County shall comply with the latest edition of the "Rules and Regulations" manual governing the design, construction, maintenance, operation, and use of sanitary and combined sewers in the Metropolitan Sewer District of Greater Cincinnati, Hamilton County, Ohio, effective March 1, 2001. Copies may be obtained from the Division of Wastewater Engineering MSD, 1600 Gest Street, Cincinnati, Ohio 45204.
2. All sanitary sewers shall be constructed under the inspection of the Sewers Chief Engineer, MSD.
3. The owners of all properties shown on this improvement plan shall be subject to all applicable sewer service charges, assessments, tap-in charges or fee which have been or may be established by the Board of County Commissioners.
4. Appropriate utility companies shall be notified at least 48 hours prior to breaking ground for the purpose of verifying by inspection the exact location of underground utilities.
5. All sanitary sewer pipe shall be PVC, SDR35, ASTM D-3034 in accordance with MSD Rules and Regulations, except where noted.
6. All manholes on sanitary sewers shall be Type "S" MSD Accession No. 49037.
7. Sanitary manholes shall be temporarily constructed to an elevation of two feet above the surrounding grade by means of an additional manhole section or brick masonry on top of the cone.
8. Sanitary building sewers for public and private sewers shall not be extended more than ten (10) feet beyond the proposed gas or electric lines, in cases of private sewers, no more than ten (10) feet beyond the main line sewer prior to issuance of tap permits.
9. Two-way cleanouts shall be installed at the right-of-way line or sanitary sewer easement, where applicable, in accordance to MSD Accession No. 61979.
10. All lowest finished floor elevations shall be at least 36 inches above the crown of the sewer at the point of tap connection to said sewer, whether public or private, and/or in accordance with City of Cincinnati Supplement CC-51-49. Any building to be served by means other than gravity must be so noted on the plans.
11. All manholes on public sanitary sewers shall have standard lids and frames, MSD Accession No 49005. expect where noted. The frames shall be securely fastened to the top manhole section by four 3/4-inch stainless steel cinch anchors.
12. CONTRACTOR'S LICENSE - All work done on sanitary and/or combined sewers within the jurisdiction of the Metropolitan Sewer District must be done by a contractor who is an approved sewer tapper properly licensed by the Department and bonded.
13. Sanitary building sewers shall be connected to the main line with wyes. tee fittings are to be used only where shown on the approved plan.
14. A tap permit is required for each building. Bond or final approval of the main line is required prior to issuance of a tap permit.
15. Sanitary sewer construction must commence within 12 months and be completed within 36 months of the date of approval shown hereon or these plans become void.
16. For sanitary sewer manholes constructed in parking lots, the rim elevation shall be 1" higher than the surrounding grade and the pavement shall be feathered away from the manhole rim at a gradual slope.
17. For sanitary manholes constructed in grass areas, the rim elevation shall be 3" higher than the surrounding grade, and fill shall be feather away from the manhole rim at a gradual slope.
18. Roof drains, foundation drains, cooling water, swimming pool water or other clean water connection to the sanitary sewer system are prohibited.
19. To assure that stormwater does not enter the sanitary sewer system, a schematic plan of the footing and foundation drainage system, including the point of discharge, is necessary.
20. The Contractor shall test all manholes leakage by means of vacuum testing. The vacuum testing cannot be done until after the manholes are set to final grade and manhole castings are bolted down. All lift holes shall be plugged. Any other openings, such as for pressure relief valves, shall be temporarily plugged to allow the vacuum test. All pipes entering the manhole shall be plugged and care shall be taken to securely brace the plugs from being drawn into the manhole. The vacuum equipment test head shall be placed in the opening of the casting only, and seal inflated in accordance with the manufacturer's recommendations. Vacuum testing shall be in accordance with ASTM C1244. A vacuum of 10 inches mercury (10" Hg) shall be drawn and the vacuum pump shut off. With the valves closed, the time shall be measured for the vacuum to drop to nine inches mercury (9" Hg). The manhole shall pass if the time meets or exceeds the allowable times as calculated from ASTM C1244, or as approved by the Engineer. All manhole repair and retesting required because of the failure to meet the testing requirements shall be borne by the Contractor at his cost.
21. Installation of a private force main requires a permit from the Hamilton County Board of Health. Contact the Board of Health at 946-7852 regarding permit and inspection
22. Building connections may be made before structure is under roof, providing the connection point inside the building is sealed.

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CIVIL COVER AND GENERAL NOTES

C001

HATCH TYPES

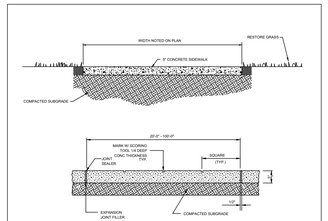
EXISTING GRANTE CURB TO REMAIN & BE RESET (AS NECESSARY)
PER GRANITE CURB RESTORATION DETAIL - SEE SHEET C100
SAWCUT, REMOVE, & REPLACE EXISTING PUBLIC SIDEWALK PER CITY DOTE STANDARDS

SAWCUT & REMOVE EXISTING SIDEWALK ALONG RUSS ALLEY
PROVIDE CONCRETE SIDEWALK PER SIDEWALK SECTIONAL DETAIL
NEW SIDEWALK TO SLOPE AWAY FROM EXISTING BUILDING FOUNDATIONS (@ 2.0% MAX. CROSS SLOPE)
SEE SHEET C100

SAWCUT AND REMOVE EXISTING PAVEMENT
PROVIDE CONCRETE PER DETAIL
REPLACE EXISTING CURB (AS NECESSARY)

LEGEND

D.N.D. DO NOT DISTURB

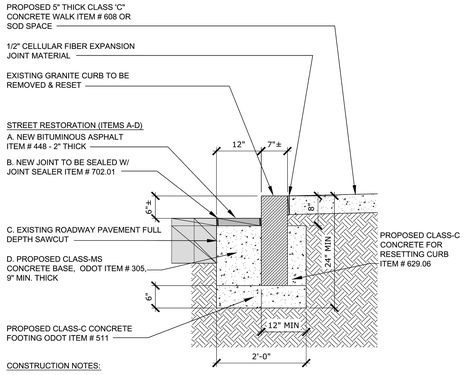


SIDEWALK SECTIONAL

SCALE: N.T.S.

Appendix No. 17 - Street Restoration Drawings Page 7 of 7

GRANITE CURB RESTORATION



CONSTRUCTION NOTES:

1. EXISTING GRANITE CURB SHALL BE CAREFULLY REMOVED AND SAFELY STORED.
2. EXISTING GRANITE CURB DAMAGED OR EXISTING SUPPLY INSUFFICIENT, MAY BE REPLACED WITH CURB SUPPLIED BY THE CITY. CONTACT DOTE ARCHITECTURE/URBAN DESIGN AT 513-352-4885 OR STREET REHAB AT 352-5284.
3. SEE ITEM # 629 IN THE CITY SUPPLEMENT TO THE ODOT CMS FOR ADDITIONAL GRANITE CURB RESTORATION INFORMATION.

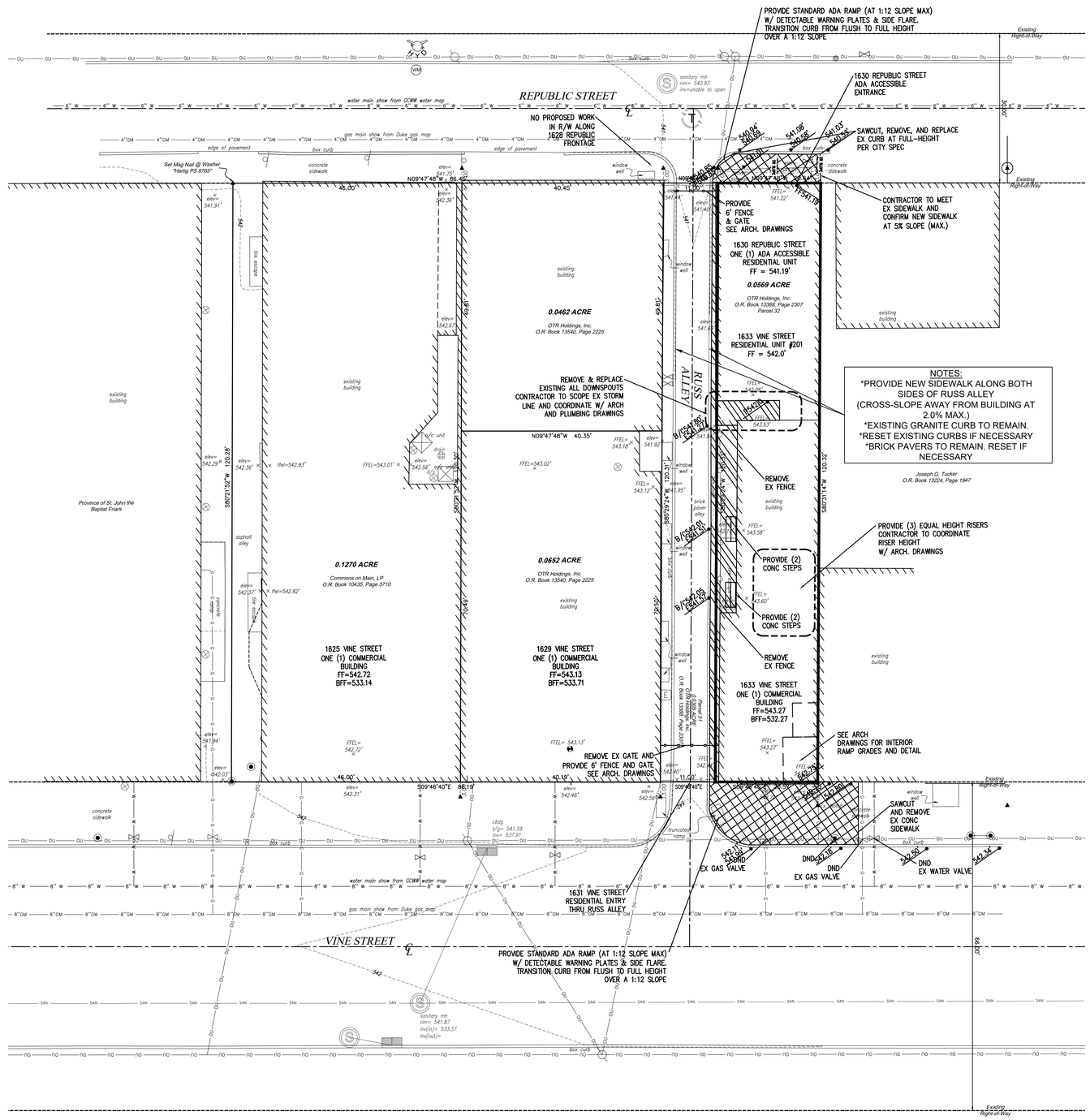
CITY OF CINCINNATI DEPARTMENT OF TRANSPORTATION AND ENGINEERING

STANDARD RESTORATION OF STREET OPENINGS

SCALE: NONE JUNE 2013

NOTES:

1. SPACE BELOW SIDEWALK TO BE FILLED PER DOTE STANDARDS. SEE STRUCTURAL AND ARCHITECTURAL DRAWINGS
2. EXISTING GRANITE CURBS ON VINE STREET TO BE RESET AT EXISTING BACK-OF-CURB ELEVATIONS.
3. NEW CONCRETE SIDEWALK PER CITY DOTE STANDARDS TO SLOPE FROM BUILDING TO CURB AT 2.0% MAX.



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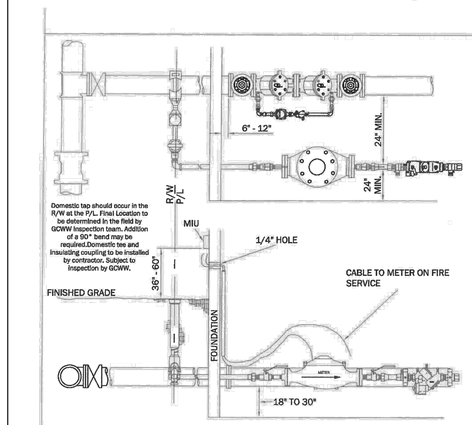
SITE DEVELOPMENT PLAN

C100

NOTES:

1. CONTRACTOR TO DISCONTINUE AND DISCONNECT (FOD) EXISTING WATER SERVICE AND REMOVE TO MAIN PER PROVIDER SPECIFICATIONS
2. CONTRACTOR TO DISCONTINUE DISCONNECT (FOD) EXISTING GAS SERVICE AND REMOVE TO MAIN PER PROVIDER SPECIFICATIONS



DETAILS:

A) SEE 108-1D & 1E FOR MATERIAL SPECIFICATIONS AND 108-1F FOR EMR SPECIFICATIONS.
B) SEE 108-3C FOR METER SETTING DETAILS.
C) SEE 108-9 FOR PIPING ARRANGEMENT ON DETECTOR CHECK VALVE ASSEMBLY.
D) AN INSULATING COUPLING MUST BE INSTALLED ON THE HOUSE SIDE OF THE CURB STOP.
E) 24" MINIMUM CLEARANCE SHALL BE MAINTAINED BETWEEN DOMESTIC METER AND DETECTOR CHECK VALVE ASSEMBLY AND A MINIMUM OF 24" FROM ANY WALL.
F) DETECTOR CHECK METER TO BE PURCHASED FROM AND INSTALLED BY GCWW.
G) ANY PUMPER CONNECTION MUST BE INSTALLED ON OPPOSITE SIDE OF DETECTOR CHECK METER ASSEMBLY AND DOWNSTREAM OF OUTLET VALVE.
H) A ROADWAY BOX MUST BE INSTALLED OVER DOMESTIC CORPORATION STOP.
I) BLOCKING MUST BE UNDER OS & Y VALVES.

All taps 4" and larger will require a shutdown and cutting in a mechanically restrained tee of appropriate size on the main line. Wet taps are not permitted.

Property owner is responsible for all excavation, backfill, and restoration work per GCWW specifications.

All dead end pipe stubs must be mechanically restrained.

See Standard Drawing 108-19 For Inspection/Installation Procedures

GREATER CINCINNATI WATER WORKS

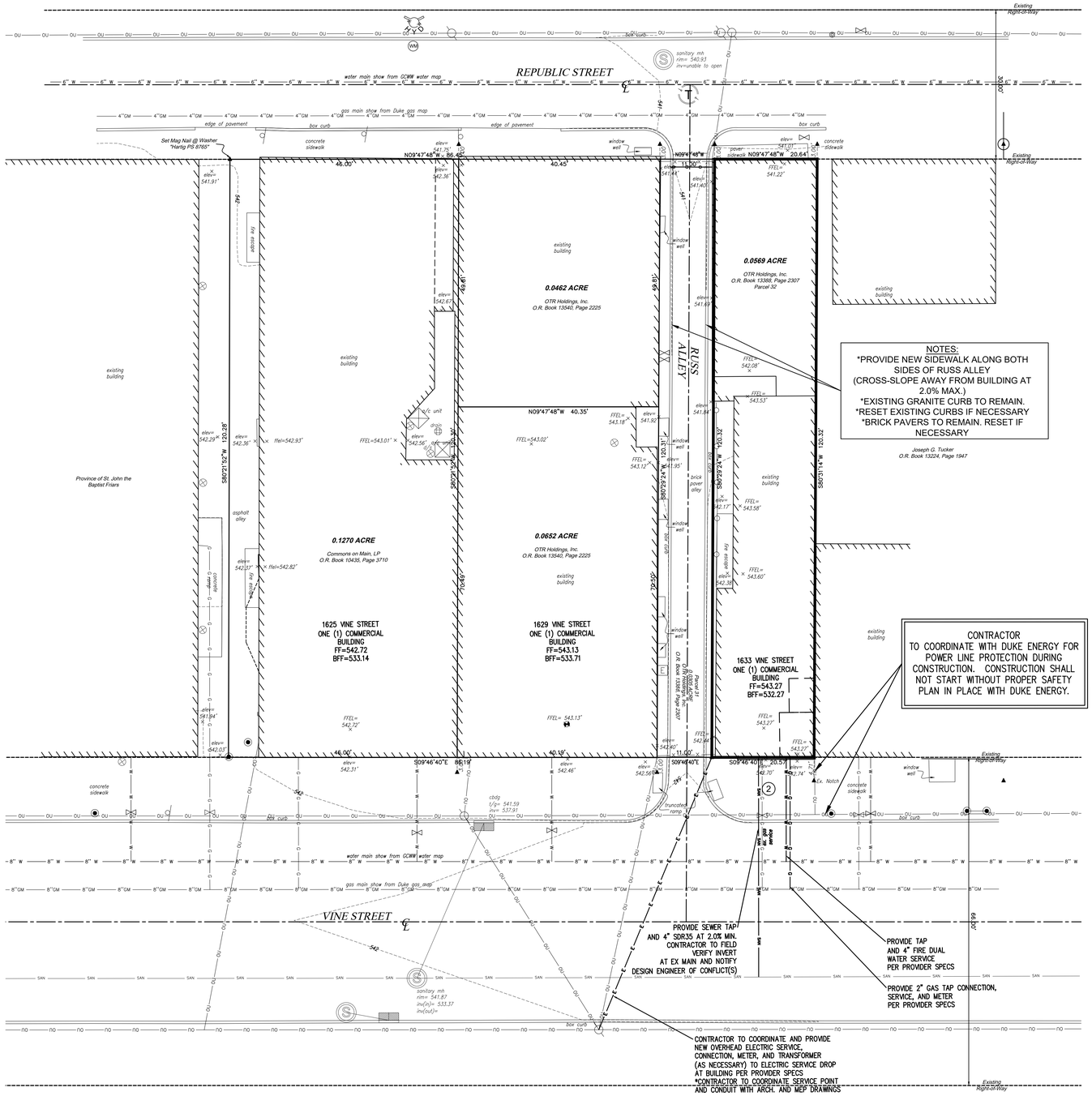
4" OR LARGER FIRE DUAL SERVICE WITH BACKFLOW ON DOMESTIC

INSIDE EMR SETTING FOR 4" OR LARGER FIRE AND 1-1/2" OR 2" DOMESTIC METER

APPROVED | DATE 7/12/19 | STANDARD DRAWING 108-13E

NOTES:

1. CONTRACTOR TO COORDINATE SANITARY LATERAL INVERT ELEVATION AT BUILDING FOUNDATION WALL WITH MEP DRAWINGS



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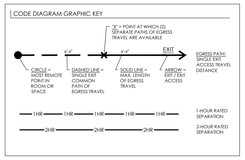
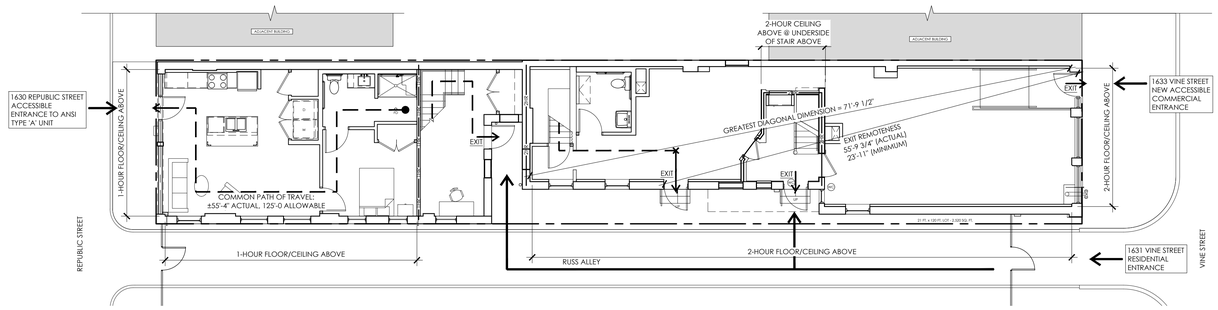
UTILITY PLAN

C200

BUILDING ADDRESS MATRIX

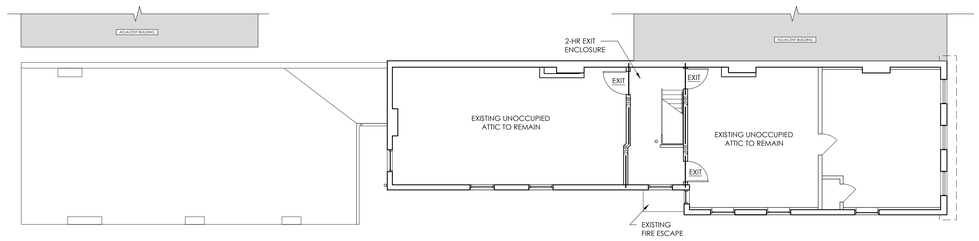
PRIME	METER	UNIT #
1625 VINE	1625 VINE	COMMERCIAL UNIT
	1623 VINE	RESIDENTIAL UNITS: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12
	1624 REPUBLIC	RESIDENTIAL UNITS: 13, 14
1629 VINE	1629 VINE	COMMERCIAL UNIT
	1627 VINE	RESIDENTIAL UNITS: 201, 202, 203, 301, 302, 303, 401, 402
1633 VINE	1633 VINE	COMMERCIAL UNIT
	1631 VINE	RESIDENTIAL UNITS: 201, 202, 203, 302, 303
	1630 REPUBLIC	RESIDENTIAL UNIT: 101





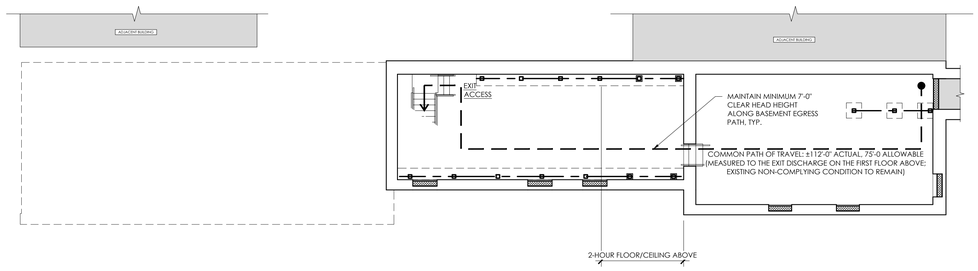
3 A0.1 FIRST FLOOR CODE DIAGRAM

1/8" = 1'-0"



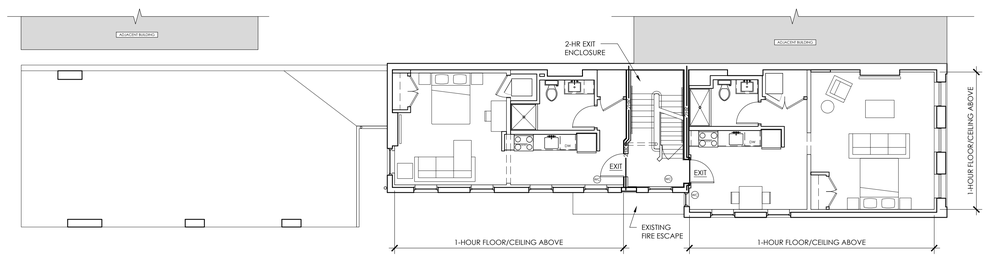
6 A0.1 ATTIC CODE DIAGRAM

1/8" = 1'-0"



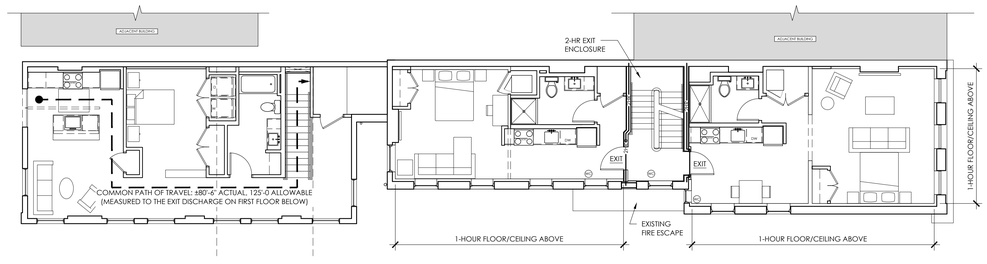
2 A0.1 BASEMENT CODE DIAGRAM

1/8" = 1'-0"



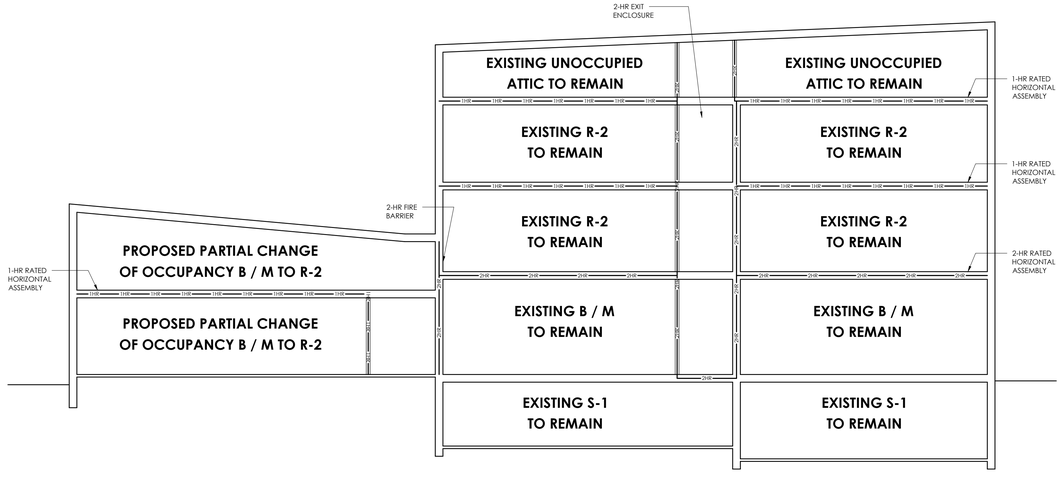
5 A0.1 THIRD FLOOR CODE DIAGRAM

1/8" = 1'-0"



4 A0.1 SECOND FLOOR CODE DIAGRAM

1/8" = 1'-0"



1 A0.1 FIRE-RATING SECTION DIAGRAM

1/8" = 1'-0"

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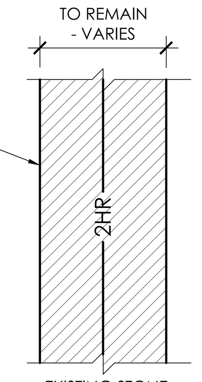
CODE DIAGRAMS

A0.1

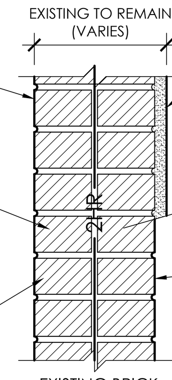
PRELIMINARY: NOT FOR CONSTRUCTION

WALL TYPES



1-HR OR 2-HR RATED WHERE REQUIRED
REFER TO PLANS FOR WALL RATINGS

THE EXISTING WALL ASSEMBLY TO REMAIN. IF WALL IS INDICATED AS HAVING A FIRE RATING, AND PENETRATIONS, MODIFICATIONS OR INFILL AREAS ARE NECESSARY, NEW CONSTRUCTION TO BE SOLID MASONRY INFILL TO MATCH.



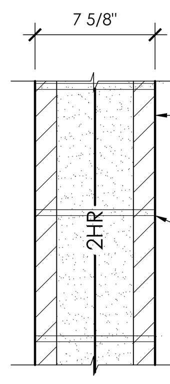
NOTE:
2-HR **FIRE BARRIERS** ARE TO BE CONTINUOUS TO UNDERSIDE FLOOR SHEATHING ABOVE. EXISTING 2-HR MASONRY WALLS SHALL BE EXTENDED TO DECK IF NOT ALREADY CONTINUOUS TO DECK (VIF).

1-HR OR 2-HR RATED WHERE REQUIRED
REFER TO PLANS FOR WALL RATINGS

EXISTING SOLID BRICK WALLS OF 2.7" OR GREATER HAVE A MIN.1-HOUR FIRE RESISTANCE RATING PER OBC TABLE 722.4.1(1).

EXISTING SOLID BRICK WALLS OF 3.8" OR GREATER HAVE A MIN. 2-HOUR FIRE RESISTANCE RATING PER OBC TABLE 722.4.1(1).

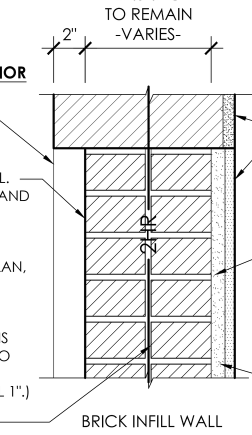
THE EXISTING WALL ASSEMBLY TO REMAIN. IF WALL IS INDICATED AS HAVING A FIRE RATING, AND PENETRATIONS, MODIFICATIONS OR INFILL AREAS ARE NECESSARY, NEW CONSTRUCTION TO BE SOLID MASONRY INFILL TO MATCH.



1-HR OR 2-HR RATED WHERE REQUIRED
REFER TO PLANS FOR WALL RATINGS
UL NO. U905

1. CONCRETE BLOCKS — VARIOUS DESIGNS. CLASSIFICATION D-2 (2 HR). SEE CONCRETE BLOCKS CATEGORY FOR LIST OF ELIGIBLE MANUFACTURERS.
2. MORTAR — BLOCKS LAID IN FULL BED OF MORTAR, NOM. 3/8 IN. THICK, OF NOT LESS THAN 2-1/4 AND NOT MORE THAN 3-1/2 PARTS OF CLEAN SHARP SAND TO 1 PART PORTLAND CEMENT (PROPORTIONED BY VOLUME) AND NOT MORE THAN 50 PERCENT HYDRATED LIME (BY CEMENT VOLUME). VERTICAL JOINTS STAGGERED.

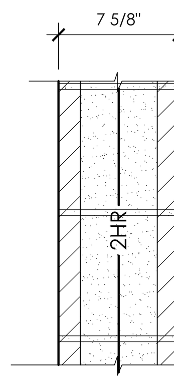
*WHERE REPAIRS OR MODIFICATIONS TO EXISTING WALLS ARE REQUIRED, NEW WORK IS TO BE PER THE FIRE-RATED ASSEMBLY - FIRE RATING INDICATED ON FLOOR PLAN.



1-HR or 2-HR FIRE-RATED WHERE REQUIRED
Refer to plans for wall ratings

Solid brick walls of 2.7" or greater have a min. 1-hour fire resistance rating per OBC Table 722.4.1(1).

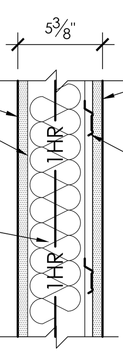
Solid brick walls of 3.8" or greater have a min. 2-hour fire resistance rating per OBC Table 722.4.1(1).



2-HR RATED WHERE REQUIRED
Refer to plans for wall ratings
UL NO. U905

Concrete Blocks— Various designs. Classification D-2 (2 hr). See Concrete Blocks category for list of eligible manufacturers. Concrete blocks laid in full bed of mortar, nom. 3/8 in. thick, of not less than 2-1/4 and not more than 3-1/2 parts of clean sharp sand to 1 part Portland cement (proportioned by volume) and not more than 50 percent hydrated lime (by cement volume). Vertical joints staggered.

See Structural drawings for reinforcement.



NOTE:
- **FIRE PARTITIONS**: WALLS BETWEEN DWELLING UNITS AND BTWN. UNITS & CORRIDORS ARE FIRE PARTITIONS AND SHALL EXTEND TO UNDERSIDE OF RATED FLOOR/CEILING ASSEMBLY ABOVE.
- **FIRE BARRIERS**: ALL OTHER 1-HR RATED WALLS ARE FIRE BARRIERS AND SHALL BE CONTINUOUS TO UNDERSIDE OF FLOOR SHEATHING ABOVE.

1-HR RATED
GA FILE NO. WP 3243
GA FILE NO. WP 1048
GA FILE NO. WP 1049
STC 50 TO 54

FOLLOWING ARE ACCEPTABLE ASSEMBLIES:

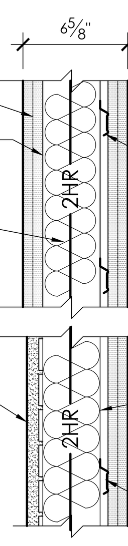
GA FILE NO. WP 3243 (WOOD STUD):
FIRE DESIGN:
RESILIENT CHANNELS 24" O.C. ATTACHED AT RIGHT ANGLES TO ONE SIDE OF 2 X 4 WOOD STUDS 24" O.C. WITH 1-1/4" TYPE S SCREWS. ONE LAYER 5/8" TYPE X GYPSUM WALLBOARD OR GYPSUM VENEER BASE APPLIED AT RIGHT ANGLES TO CHANNELS WITH 1" TYPE S SCREWS 8" O.C. WITH VERTICAL JOINTS LOCATED MIDWAY BETWEEN STUDS. 3" MINERAL OR GLASS FIBER INSULATION IN STUD SPACE. OPPOSITE SIDE: ONE LAYER 5/8" TYPE X GYPSUM WALLBOARD OR GYPSUM VENEER BASE APPLIED PARALLEL OR AT RIGHT ANGLES TO STUDS WITH 6D CEMENT COATED NAILS, 1-7/8" LONG, 0.0915" SHANK, 15/64" HEADS, 7" O.C.
VERTICAL JOINTS STAGGERED 24" ON OPPOSITE SIDES. (LOAD-BEARING)

SOUND DESIGN:
SOUND TESTED AS CONSTRUCTED FOR FIRE

GA FILE NO. WP 1048 OR WP 1049 (METAL STUD):
FIRE DESIGN:
ONE LAYER 5/8" PROPRIETARY TYPE X GYPSUM WALLBOARD APPLIED PARALLEL TO EACH SIDE OF3-5/8" 15 MIL STEEL STUDS 24" O.C. WITH 1-1/4" TYPE S SCREWS 8" O.C. AT VERTICALJOINTS AND WALL PERIMETER AND 12" O.C. AT INTERMEDIATE STUDS. JOINTS STAGGERED 24" ON OPPOSITE SIDES. (NLB)

SOUND DESIGN:
SOUND TESTED WITH RESILIENT CHANNELS 24" O.C. AND 3-1/2" GLASS FIBER INSULATION FRICTION FIT
IN STUD SPACE.

PROPRIETARY GYPSUM BOARD
AMERICAN GYPSUM COMPANY LLC - 5/8" FIREBLOC® TYPE X GYPSUM BOARD
NATIONAL GYPSUM COMPANY - 5/8" GOLD BOND® BRAND FIRE-SHIELD® GYPSUM BOARD



NOTE:
2-HR FIRE-RATED STUD WALL (**FIRE BARRIER**) TO BE CONTINUOUS TO UNDERSIDE FLOOR SHEATHING ABOVE.

2-HR RATED
GA FILE NO. WP 3825
GA FILE NO. WP 1048
GA FILE NO. WP 1049
STC 50 TO 54

FOLLOWING ARE ACCEPTABLE ASSEMBLIES:

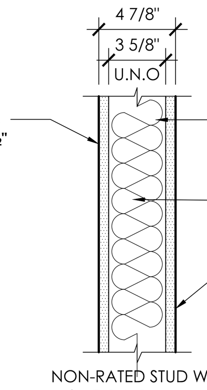
GA FILE NO. WP 3825 (WOOD STUDS)
FIRE DESIGN:
BASE LAYER 5/8" TYPE X GYPSUM WALLBOARD APPLIED PARALLEL TO EACH SIDE OF 2 X 4 WOOD STUDS 16" O.C. WITH 1-1/4" TYPE W SCREWS 8" O.C. FACE LAYER 5/8" TYPE X GYPSUM WALLBOARD APPLIED PARALLEL TO EACH SIDE WITH 1-7/8" TYPE W SCREWS 8" O.C. JOINTS STAGGERED 24" EACH LAYER AND SIDE. (LOAD-BEARING)
SOUND DESIGN:
SOUND TESTED WITH RESILIENT CHANNELS 24" O.C. ON ONE SIDE AND 3-1/2" GLASS FIBER INSULATION IN THE STUD CAVITY.

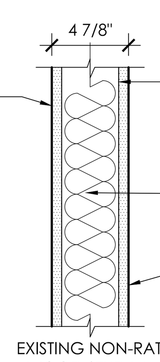
PROPRIETARY GYPSUM BOARD
American Gypsum Company LLC.........................5/8" FireBloc® Type X Gypsum Board

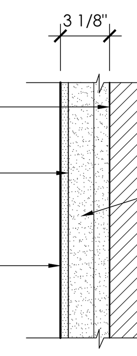
GA FILE NO. WP 1048 OR WP 1049 (METAL STUD):
FIRE DESIGN:
ONE LAYER 5/8" PROPRIETARY TYPE X GYPSUM WALLBOARD APPLIED PARALLEL TO EACH SIDE OF3-5/8" 15 MIL STEEL STUDS 24" O.C. WITH 1-1/4" TYPE S SCREWS 8" O.C. AT VERTICAL JOINTS AND WALL PERIMETER AND 12" O.C. AT INTERMEDIATE STUDS. JOINTS STAGGERED 24" ON OPPOSITE SIDES. (NLB)

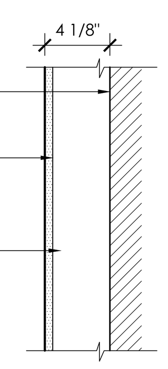
SOUND DESIGN:
SOUND TESTED WITH RESILIENT CHANNELS 24" O.C. AND 3-1/2" GLASS FIBER INSULATION FRICTION FIT
IN STUD SPACE.

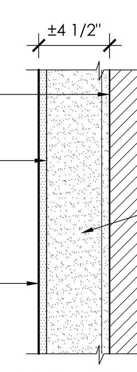
PROPRIETARY GYPSUM BOARD
AMERICAN GYPSUM COMPANY LLC - 5/8" FIREBLOC® TYPE X GYPSUM BOARD
NATIONAL GYPSUM COMPANY - 5/8" GOLD BOND® BRAND FIRE-SHIELD® GYPSUM BOARD

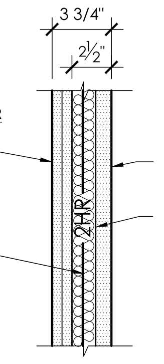








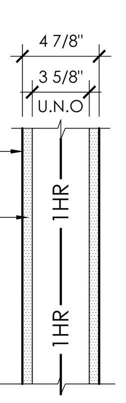




NOTE:
2-HR FIRE-RATED STUD WALL (**FIRE BARRIER**) TO BE CONTINUOUS TO UNDERSIDE FLOOR SHEATHING ABOVE.

2-HOUR FIRE RATED
UL DESIGN NO. U415, SYSTEM B

1. **FLOOR, SIDE AND CEILING RUNNERS** — "J" - SHAPED RUNNER, MIN 2-1/2 IN. DEEP (MIN 4 IN. DEEP WHEN SYSTEM C IS USED), WITH UNEQUAL LEGS OF 1 IN. AND 2 IN., FABRICATED FROM MIN 24 MSG GALV STEEL. RUNNERS POSITIONED WITH SHORT LEG TOWARD FINISHED SIDE OF WALL. RUNNERS ATTACHED TO STRUCTURAL SUPPORTS WITH STEEL FASTENERS LOCATED NOT GREATER THAN 2 IN. FROM ENDS AND NOT GREATER THAN 24 IN. OC.
2. **STEEL STUDS** — "C-H" - SHAPED STUDS, MIN 2-1/2 IN. DEEP, FABRICATED FROM MIN 25 MSG GALV STEEL. CUT TO LENGTHS 3/8 TO 1/2 IN. LESS THAN FLOOR-TO-CEILING HEIGHT AND SPACED 24 IN. OR 600 MM OC.
3. **GYPSUM BOARD** — GYPSUM LINER PANELS, NOM 1 IN. THICK, 24 IN. OR 600 MM (FOR METRIC SPACING) WIDE. PANELS CUT 1 IN. LESS IN LENGTH THAN FLOOR TO CEILING HEIGHT. VERTICAL EDGES INSERTED IN "H" PORTION OF "C-H" STUDS OR THE GAP BETWEEN THE TWO 3/4 IN. LEGS OF THE "E" STUDS. FREE EDGE OF END PANELS ATTACHED TO LONG LEG OF VERTICAL "J" - RUNNERS WITH 1-5/8 IN. LONG TYPE S STEEL SCREWS SPACED NOT GREATER THAN 12 IN. OC. WHEN WALL HEIGHT EXCEEDS LINER PANEL LENGTH, LINER PANEL MAY BE BUTTED TO EXTEND TO THE FULL HEIGHT OF THE WALL. HORIZONTAL JOINTS NEED NOT BE BACKED BY STEEL FRAMING. IN SYSTEM I, BUTT JOINTS IN LINER PANELS ARE STAGGERED MIN 36 IN. BUTT JOINTS BACKED WITH 6 IN. BY 22 IN. STRIPS OF 3/4 IN. THICK GYPSUM WALLBOARD (ITEM 4). WALLBOARD STRIPS CENTERED OVER BUTT JOINTS AND SECURED TO LINER PANELS WITH SIX 1-1/2 IN. LONG TYPE G STEEL SCREWS, THREE SCREWS ALONG THE 22 IN. DIMENSION AT THE TOP AND BOTTOM OF THE STRIPS.
   PROPRIETARY GYPSUM BOARD:
   CGC INC — Type SLX
   UNITED STATES GYPSUM CO — Type SLX
   USG BORAL DRYWALL SFZ LLC — Type SLX
   USG MEXICO S A DE C V — Type SLX
4. **GYPSUM BOARD** — SYSTEM B — 2 HR - GYPSUM PANELS, WITH BEVELED, SQUARE OR TAPERED EDGES, NOM 1/2 IN. OR 5/8 IN. THICK, 48 IN. OR 1200 MM WIDE, APPLIED VERTICALLY OR HORIZONTALLY IN TWO LAYERS. INNER OR BASE LAYER ATTACHED TO STUDS WITH 1 IN. LONG TYPE S STEEL SCREWS SPACED 24 IN. OC WHEN INSTALLED VERTICALLY OR 16 IN. OC WHEN INSTALLED HORIZONTALLY. OUTER OR FACE LAYER ATTACHED TO STUDS WITH 1-5/8 IN. LONG TYPE S STEEL SCREWS SPACED 12 IN. OC WHEN INSTALLED VERTICALLY AND STAGGERED 12 IN. FROM BASE LAYER SCREWS OR 8 IN. OC WHEN INSTALLED HORIZONTALLY AND STAGGERED 8 IN. FROM BASE LAYER SCREWS. HORIZONTAL JOINTS BETWEEN INNER AND OUTER LAYERS STAGGERED A MIN OF 12 IN. HORIZONTAL JOINTS NEED NOT BE BACKED BY STEEL FRAMING. VERTICAL JOINTS CENTERED OVER STUDS AND STAGGERED 24 IN.
   PROPRIETARY GYPSUM BOARD:
   CGC INC — 1/2 in. Type C, IP-X2, IPC-AR or WRC; 5/8 in. Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULX, USGX, WRC, WRX
   THE SIAM GYPSUM INDUSTRY (SONGKHLA) CO — Types C and SCX
   UNITED STATES GYPSUM CO — 1/2 in. Types C, IP-X2, IPC-AR, or WRC; 5/8 in. Types AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SGX, SHX, ULIX, ULX, USGX, WRC, WRX.
   USG BORAL DRYWALL SFZ LLC — 1/2 in. Type C; 5/8 in. Types C, SCX, SGX, USGX
   USG MEXICO S A DE C V — 1/2 in. Types C, IP-X2, IPC-AR or WRC; 5/8 in. Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULX, USGX, WRC, WRX
5. **JOINT TAPE AND COMPOUND** — (NOT SHOWN) JOINTS ON OUTER LAYERS OF GYPSUM BOARDS (ITEM 4) COVERED WITH PAPER TAPE AND JOINT COMPOUND. PAPER TAPE AND JOINT COMPOUND MAY BE OMITTED WHEN GYPSUM BOARDS ARE SUPPLIED WITH SQUARE EDGES. EXPOSED SCREW HEADS COVERED WITH JOINT COMPOUND.
6. **BATTS AND BLANKETS** — (OPTIONAL) — MINERAL WOOL OR GLASS FIBER BATTS PARTIALLY OR COMPLETELY FILLING STUD CAVITY. ANY MINERAL WOOL OR GLASS FIBER BATT MINERAL BEARING THE UL CLASSIFICATION MARKING AS TO FIRE RESISTANCE.

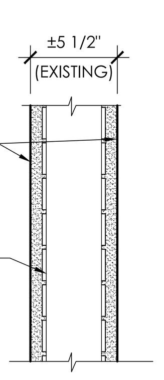


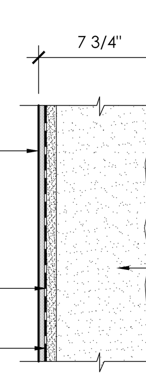
NOTE:
NEW FIRE-RATED STUD WALL (**FIRE BARRIER**) TO BE CONTINUOUS TO UNDERSIDE FLOOR SHEATHING ABOVE.

NOTE:
AT BASEMENTS, PROVIDE P.T. WOOD SILL PLATE. WRAP SILL PLATE W/ ICE & WATER GUARD.

1-HOUR FIRE RATED
GA FILE NO. WP 1350

ONE LAYER 5/8" TYPE X GYPSUM WALLBOARD OR GYPSUM VENEER BASE APPLIED PARALLEL OR AT RIGHT ANGLES TO EACH SIDE OF 3-5/8", 18 MIL STEEL STUDS 24" O.C. WITH 1" TYPE S SCREWS 8" O.C. AT VERTICAL JOINTS AND 12" O.C. AT FLOOR AND CEILING RUNNERS AND INTERMEDIATE STUDS. JOINTS STAGGERED 24" ON OPPOSITE SIDES. (NLB)





MOISTURE & MOLD RESISTANT GYPSUM BOARD SCHEDULE

PAPERLESS GYPSUM BOARD NOTES (OHFA STANDARD):

1. PER "OHFA DESIGN AND ARCHITECTURE STANDARDS CLARIFICATION", EFFECTIVE MAY 1, 2023: FIBERGLASS-FACED OR APPROVED EQUIVALENT **PAPERLESS GYPSUM BOARD** SHALL BE USED AT ALL VERTICAL AND HORIZONTAL SURFACES AT THE FOLLOWING LOCATIONS:
   - BEHIND KITCHEN SINKS AND BATHROOM/TOILET ROOM SINKS TO A HEIGHT OF 3" ABOVE TOP OF BASE CABINETS.
   - SHOWER AND BATH SURROUNDS, EXTENDED TO 6" BEYOND AND ABOVE SURROUND, AND MIN. 6" ABOVE TOP OF SHOWER SPRAYER.
   - BEHIND TOILETS AND AT SPACE BETWEEN TOILETS AND BATH/SHOWER SURROUNDS, TO HEIGHT OF TOP OF TOILET TANK.
   - CEILINGS, WHERE BATHROOM AND TOILET ROOMS ARE ABOVE.
   - ON WALLS LESS THAN 4 FEET FROM SPRINKLER SERVICE CONTROLS AND WATER SERVICE LINES LOCATED IN SERVICE ROOMS.
2. PAPER-FACED MOISTURE/MOLD RESISTANT GYP. BD. IS ACCEPTABLE AT THE FOLLOWING LOCATIONS, EXCEPT WHERE PAPERLESS GYP. BD IS REQUIRED (SEE ABOVE):
   - WITHIN 4 FEET HORIZONTALLY AND VERTICALLY OF ANY WATER SOURCE (EXCEPT DIRECTLY BEHIND SINKS, TUB, AND SHOWER SURROUNDS.)
   - WITHIN 4 FEET IN ANY DIRECTION BEHIND LAUNDRY/CLOTHES WASHING MACHINES, WATER HEATERS, WATER METERS, ETC.
   - BEHIND PUBLIC DRINKING FOUNTAINS (WHERE OCCURS).

LOCATION	TYPE		NOTES (SEE NOTES ABOVE)
	MOLD RESISTANT	MOISTURE/ MOLD RESISTANT	
KITCHENS	-	X	WITHIN 4' OF ALL SOURCES OF WATER.
BATHROOMS	-	X	
TRASH ROOMS	-	X	
LAUNDRY ROOM AND LAUNDRY CLOSETS	-	X	
UTILITY CLOSET (WHERE WATER HEATER IS LOCATED)	-	X	
BASEMENTS	X	-	ALL WALLS AND CEILINGS

WALL TYPE NOTES

WALL TAG NOTE:
NEW METAL STUDS = 3 ⅝", U.N.O. ON FLOOR PLAN.
NEW METAL FURRING @ INTERIOR WALLS = PER WALL TYPE, U.N.O.

ALTERNATE STUD SIZES ARE INDICATED ON FLOOR PLAN, AS NOTED BELOW.

E 6" — WALL TYPE TAG; METAL STUD SIZE (STUD SIZE IS PER WALL TYPE, U.N.O ON PLAN)
C 7/8" — WALL TYPE TAG; METAL FURRING SIZE (STUD SIZE IS PER WALL TYPE, U.N.O ON PLAN)

WALL FRAMING NOTE:
WOOD STUDS MAY BE SUBSTITUTED FOR LIGHT GAUGE METAL FRAMING OF NEW PARTITION WALLS AND NEW FURRING AS FOLLOWS*:

1½" METAL STUD = 2X WOOD FURRING
3 ⅝" METAL STUD = 2X4 WOOD STUD
6" METAL STUD = 2X6 WOOD STUD

*AT FIRE-RATED WALLS, EQUIVALENT UL TESTED ASSEMBLIES ARE REQUIRED.
***NEW SHAFT WALLS ARE TO BE METAL STUD, AS INDICATED IN WALL TYPE.**

EXHAUST DUCT ROUTING NOTE:
(RE: OBC SECTION 717.6.1, EXCEPTION. SEE MECHANICAL DRAWINGS)

STUD WALLS WHICH CONTAIN EXHAUST DUCTS WHICH ARE ROUTED UP, THROUGH THE ROOF MUST BE CONTINUOUS, w/ GYPSUM BD. ON ALL SIDES TO UNDERSIDE OF ROOF DECK.

PRESSURE TREATED WOOD:
PROVIDE P.T. WOOD FRAMING FOR ALL FRAMING INSIDE BUILDING WHICH IS IN DIRECT CONTACT WITH CONCRETE OR MASONRY, INCLUDING BUT NOT LIMITED TO BASEMENT FLOOR SLAB.

PROVIDE DRYWALL RIP STRIPS WHERE DRYWALL MEETS MASONRY FINISH.

INSULATION SCHEDULE*

*REFER TO WALL ASSEMBLIES ON SHEET A0.2 AND FLOOR/CEILING ASSEMBLIES ON SHEET A0.3 FOR ADDITIONAL INFORMATION.

LOCATION	TYPE		R-VALUE/ THICKNESS	NOTES
	THERMAL	SOUND		
FRAMED CORRIDOR WALLS (NEW AND EXISTING)	-	FIBERGLASS	3-1/2" 5-1/2"	FILL STUD CAVITY.
FRAMED WALLS AT MECHANICAL ROOMS AND MECHANICAL CLOSETS	-	FIBERGLASS	3-1/2" 5-1/2"	FILL STUD CAVITY.
FRAMED WALLS AT LAUNDRY CLOSETS	-	FIBERGLASS	3-1/2" 5-1/2"	FILL STUD CAVITY.
NEW FURRING ON EXTERIOR MASONRY WALLS (WHERE OCCURS)	SPRAY CELLULOSE	-	R-15*	*FILL STUD CAVITY. PROVIDE CONTINUOUS SPRAYED-ON CELLULOSE.
FLOOR / CEILING ASSEMBLIES BETWEEN BASEMENTS AND COMMERCIAL SPACES	-	-	-	NONE
FLOOR / CEILING ASSEMBLIES BETWEEN BASEMENTS AND RESIDENTIAL SPACES	FIBERGLASS	-	R-30	-
FLOOR/CEILING ASSEMBLIES BETWEEN RESIDENTIAL UNITS AND EXTERIOR SPACE (BREEZEWAYS)	FIBERGLASS	-	R-30	UNFACED BATT INSULATION. (SEE FLOOR/CEILING ASSEMBLY GENERAL NOTES ON A0.3 FOR ADDITIONAL INFO.)
FLOOR / CEILING ASSEMBLIES BETWEEN COMMERCIAL AND RESIDENTIAL SPACES	-	FIBERGLASS	-	SEE FIRE-RESISTANCE RATED ASSEMBLIES ON A0.3.
FLOOR / CEILING ASSEMBLIES BETWEEN TWO DWELLING UNITS	-	FIBERGLASS	-	SEE FIRE-RESISTANCE RATED ASSEMBLIES ON A0.3.
FLOOR / CEILING ASSEMBLIES BETWEEN UNOCCUPIED ATTICS AND RESIDENTIAL SPACES	BLOWN-IN CELLULOSE AND/OR FIBERGLASS BATT	-	R-38	PROVIDE BLOWN-IN CELLULOSE ON ATTIC FLOOR AND/OR FIBERGLASS BATTS IN JOIST CAVITIES AS REQUIRED TO ACHIEVE THE TOTAL REQUIRED R-VALUE.
ROOF / CEILING ASSEMBLIES ABOVE RESIDENTIAL SPACES	CLOSED CELL SPRAY FOAM	-	R-38	CLOSED CELL SPRAY FOAM TO FILL RAFTER CAVITIES. NOTE: CLOSED CELL INSULATION IS REQUIRED TO AVOID TRAPPING MOISTURE WITHIN ROOF ASSEMBLY (DO NOT SUBSTITUTE OPEN-CELL SPRAYED FOAM).
ROOF / CEILING ASSEMBLIES ABOVE UNOCCUPIED ATTICS	-	-	-	NO INSULATION REQUIRED. SEE ABOVE FOR THERMAL INSULATION ABOVE RESIDENTIAL SPACES.
ROOF INSULATION - 1633 VINE ST., WEST 2-STORY PORTION OF BUILDING.	RIGID FOAM	-	R-25 CONT. MIN.*	*PROVIDE MINIMUM R-25 CONTINUOUS RIGID FOAM INSULATION ABOVE ROOF DECK.

INTERIOR FINISHES SCHEDULE

NOTE: ALL INTERIOR FINISHES AND PAINT COLORS WILL BE SELECTED BY THE ARCHITECT DURING CONSTRUCTION. SUBMIT PHYSICAL SAMPLES OF ALL INTERIOR FINISHES TO ARCHITECT FOR APPROVAL PRIOR TO PURCHASE.

ROOM	FLOORS	BASE	WALLS	CEILING	NOTES
BASEMENT	CONCRETE SLAB.	NONE	EXISTING STONE FOUNDATION, EXPOSED BRICK, AND CMU WALLS. REPAIR AS REQ'D	EXISTING EXPOSED FLOOR STRUCTURE, UNPAINTED OR PAINTED GYP. BOARD AT FIRE-RATED FLOOR/CEILING (SEE PLANS). TAPE AND MUD.	
COMMON LAUNDRY ROOM	EXISTING CONCRETE SLAB. SEAL WITH CLEAR COAT.	NEW VINYL BASE	NEW PAINTED GYPSUM BOARD	NEW PAINTED GYPSUM BOARD	
COMMERCIAL RESTROOMS	NEW PORCELAIN TILE. B.O.D. DALTILE. LINDEN POINT. GRIGIO. 12" X 24"	TILE BASE TO MATCH FLOORS, 4" TALL. PROVIDE SCHLUTER SCHEINE EDGE TRIM.	EXISTING PLASTER AND / OR NEW GYP. BOARD, SEE NEW WORK PLANS. PRIME AND PAINT.	NEW PAINTED GYPSUM BOARD	
COMMERCIAL SPACES	REFINISHED HISTORIC HARDWOOD (REFER TO HISTORIC KEYED NOTES FOR LOCATIONS) OR NEW PRE-FINISHED HARDWOOD.*	WHERE HISTORIC BASE IS PRESENT (REFER TO HISTORIC KEYED NOTES FOR LOCATIONS): PATCH, REPAIR, AND PAINT HISTORIC WOOD BASE. PROVIDE NEW QUARTER ROUND TOE MOULD, PAINTED. WHERE HISTORIC BASE IS NOT PRESENT: PROVIDE NEW 1 X 6 WOOD BASE WITH QUARTER ROUND TOE MOULD, PAINTED.	EXISTING PLASTER AND / OR NEW GYP. BOARD, SEE NEW WORK PLANS. PRIME AND PAINT.	NEW PAINTED GYPSUM BOARD. IN 1625 VINE SALVAGE, RE-INSTALL, AND RE-PAINT HISTORIC METAL CEILING PANELS AND CROWN MOULDING (REFER TO HISTORIC KEY NOTES FOR LOCATIONS)	
DWELLING UNIT BEDROOMS, LIVING ROOMS, HALLWAYS, KITCHENS, AND CLOSETS***	REFINISHED HISTORIC HARDWOOD (REFER TO HISTORIC KEYED NOTES FOR LOCATIONS) OR NEW PRE-FINISHED HARDWOOD.* 1630 REPUBLIC UNIT 101 & 1631 VINE UNIT 201 (FIRST FLR.): NEW CONCRETE SLAB SEALED W/ CLEAR COAT.	WHERE HISTORIC BASE IS PRESENT (REFER TO HISTORIC KEYED NOTES FOR LOCATIONS): PATCH, REPAIR, AND PAINT HISTORIC WOOD BASE. PROVIDE NEW QUARTER ROUND TOE MOULD, PAINTED. WHERE HISTORIC BASE IS NOT PRESENT: PROVIDE NEW 1 X 6 WOOD BASE WITH QUARTER ROUND TOE MOULD, PAINTED.	EXISTING PLASTER AND / OR NEW GYP. BOARD, SEE NEW WORK PLANS. PRIME AND PAINT. 1630 REPUBLIC UNIT 101 & 1631 VINE UNIT 201: EXPOSED BRICK TO REMAIN. REPAIR, CLEAN, PAINT. PROVIDE BACKSPLASH TILE AT KITCHEN. B.O.D. EQUIPE SCALE BENZENE. WHITE. ** PROVIDE QUARTZ COUNTERTOP AT KITCHEN. B.O.D. KBR. MINUET.	NEW PAINTED GYPSUM BOARD	PROVIDE HORIZONTAL LOUVER BLINDS ALL RESIDENTIAL WINDOWS
DWELLING UNIT BATHROOM	NEW PORCELAIN TILE. B.O.D. - ANATOLIA 8" X 8" FORM MONOCHROME STELLAR DECO #60-335	PROVIDE NEW 1 X 6 WOOD BASE WITH QUARTER ROUND TOE MOULD, PAINTED.	EXISTING PLASTER AND / OR NEW GYP. BOARD, SEE NEW WORK PLANS. PRIME AND PAINT. NEW WALL TILE AT SHOWERS, FULL HEIGHT. B.O.D. ROCA CERAMIC TILE. COLOR COLLECTION. 3" X 6" SUBWAY TILE. WHITE ICE BRIGHT ** PROVIDE QUARTZ COUNTERTOP W/ 1/4" RADIUS AT VANITY. B.O.D. KBR. MINUET.	NEW PAINTED GYPSUM BOARD	PROVIDE HORIZONTAL LOUVER BLINDS ALL RESIDENTIAL WINDOWS
DWELLING UNIT MECHANICAL AND LAUNDRY CLOSETS	NEW VCT. B.O.D - TARKETT VCT II. NEW LUAN SUBSTRATE AS REQUIRED. 1630 REPUBLIC UNIT 101 & 1631 VINE UNIT 201 (FIRST FLR.): NEW CONCRETE SLAB SEALED W/ CLEAR COAT.	NEW VINYL BASE	EXPOSED BRICK, EXISTING PLASTER AND / OR NEW GYP. BOARD, SEE NEW WORK PLANS. PRIME AND PAINT.	NEW PAINTED GYPSUM BOARD	
HISTORIC STAIRS	PATCH AND PAINT THE EXISTING RISERS AND TREADS. RISERS AND TREADS TO BE TWO DIFFERENT COLORS (TO BE SELECTED BY ARCHITECT) LANDINGS AND HALLS TO BE REFINISHED HISTORIC WOOD. INTERMEDIATE LANDINGS BETWEEN THE STORIES TO BE PAINTED TO MATCH TREADS. (REFER TO NOTES COLUMN FOR EXCEPTIONS. REFER TO HISTORIC KEY NOTES)	PATCH AND PAINT ALL HISTORIC WOOD BASE (REFER TO HISTORIC KEY NOTES). PROVIDE NEW TO MATCH AS REQ'D. WHERE HISTORIC BASE IS NOT PRESENT TO MATCH: PROVIDE NEW 1 X 6 WOOD BASE WITH QUARTER ROUND TOE MOULD, PAINTED.	HISTORIC WOOD BEADBOARD WAINSCOT TO REMAIN. REPAIR, CLEAN, PAINT. (REFER TO HISTORIC KEY NOTES). PROVIDE NEW TO MATCH AS REQ'D. EXISTING PLASTER WALLS TO REMAIN AND TO BE CLEANED, REPAIRED, AND REPAINTED.	EXISTING PLASTER AT UNDERSIDE OF STAIR CAN REMAIN IF IN GOOD / STABLE CONDITION. REPAIR, CLEAN, AND PAINT. OR NEW GYP. BOARD (PAINTED). SEE NEW WORK PLANS.	REFER TO KEYED HISTORIC NOTES FOR LOCATION OF HISTORIC STAIRS. PROVIDE NEW HANDRAIL WHERE MISSING. SEE NEW WORK PLANS.
ACCESSIBLE RESIDENTIAL ENTRY VESTIBULE & CORRIDOR (1624 REPUBLIC)	NEW PRE-FINISHED HARDWOOD.*	WHERE HISTORIC BASE IS PRESENT (REFER TO HISTORIC KEYED NOTES FOR LOCATIONS): PATCH, REPAIR, AND PAINT HISTORIC WOOD BASE. PROVIDE NEW QUARTER ROUND TOE MOULD, PAINTED. WHERE HISTORIC BASE IS NOT PRESENT: PROVIDE NEW 1 X 6 WOOD BASE WITH QUARTER ROUND TOE MOULD, PAINTED.	EXPOSED BRICK, EXISTING PLASTER AND / OR NEW GYP. BOARD, SEE NEW WORK PLANS. PRIME AND PAINT.	EXISTING PLASTER AT UNDERSIDE OF STAIR CAN REMAIN IF IN GOOD / STABLE CONDITION. REPAIR, CLEAN, AND PAINT. (WHERE APPLICABLE) OR NEW PAINTED GYP. BOARD. SEE NEW WORK PLANS.	
UNIT STAIRS (1631 VINE UNIT 201)	NEW STAINED HARDWOOD TREADS (TO MATCH WOOD FLOORING ON FLOOR 2), PAINTED RISERS.	PROVIDE NEW 1 X 6 WOOD BASE WITH QUARTER ROUND TOE MOULD, PAINTED.	EXPOSED BRICK, EXISTING PLASTER AND / OR NEW GYP. BOARD, SEE NEW WORK PLANS. PRIME AND PAINT.	NEW PAINTED GYPSUM BOARD	
UNOCCUPIED SPACES	NO NEW FINISHES, U.N.O.				

* CONDITION AND EXTENT OF HISTORIC WOOD FLOORING IS TO BE CONFIRMED IN FIELD DURING DEMOLITION. WHERE SALVAGEABLE, THE EXISTING WOOD FLOORING IS TO BE REFINISHED WHERE NOTED WITH HISTORIC KEY NOTES ON THE PLANS. WHERE A TWO-HOUR FIRE-RATED CEILING IS REQUIRED, NEW HARDWOOD IS TO BE INSTALLED OVER HISTORIC WOOD FLOORING, U.N.O., TO PROVIDE TWO LAYERS OF WOOD, SEE FLOOR / CEILING ASSEMBLIES ON SHEET A0.3. **NEW HARDWOOD IS TO MATCH THE INSTALLATION ORIENTATION OF THE HISTORIC WOOD FLOORING THROUGHOUT PROJECT (ASSUMED PERPENDICULAR TO FLOOR JOISTS). NEW HARDWOOD ADJACENT TO OR COVERING OVER PREVIOUSLY EXPOSED HISTORIC HARDWOOD MUST ALSO CLOSELY APPROXIMATE THE COLOR AND PLANK WIDTH OF THE HISTORIC WOOD FLOORING.**

** BACKSPLASH TILE IN KITCHENS TO BE SELECTED BY ARCHITECT, SEE TYPICAL KITCHEN INTERIOR ELEVATIONS FOR EXTENTS. SHOWER TILE IN RESIDENTIAL BATHROOMS TO BE SELECTED BY ARCHITECT, SEE TYPICAL BATHROOM INTERIOR ELEVATIONS FOR EXTENTS. CONTRACTOR IS TO COORDINATE TILE LAYOUT WITH POWER RECEPTACLES, LIGHT FIXTURES, AND PLUMBING FIXTURES AND SUBMIT PROPOSED JOINT LOCATIONS TO ARCHITECT FOR REVIEW.

***CLOSETS, WITH THE EXCEPTION OF LAUNDRY OR MECHANICAL, ARE TO MATCH FLOOR AND BASE OF ADJOINING ROOM.

NOT FOR CONSTRUCTION

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RUSS ALLEY
1631 - 1633 VINE STREET, 1630 REPUBLIC STREET
(1633 VINE STREET HPTC APPLICATION)
CINCINNATI, OH 45202

3CDC CINCINNATI CENTER CITY DEVELOPMENT CORPORATION

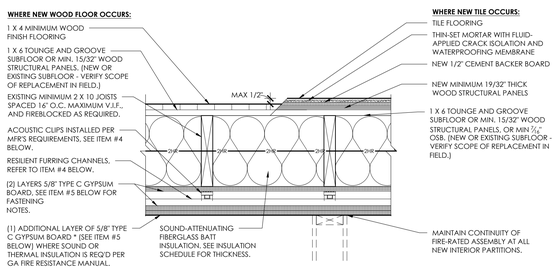
ISSUE LOG:
06.02.2023 ISSUE FOR PERMIT
07.14.2023 PERMIT REVISION 1
09.21.2023 OHFA PRELIM. SUBMISSION

WALL TYPES, FINISH SCHEDULE, & MISC. SCHEDULES

A0.2

PRELIMINARY: NOT FOR CONSTRUCTION

FIRE-RATED FLOOR/CEILING ASSEMBLIES



UL DESIGN NO. L505 (w/ PAC ACOUSTIC CLIPS) 2-HOUR FIRE-RATED FLOOR/CEILING ASSEMBLY

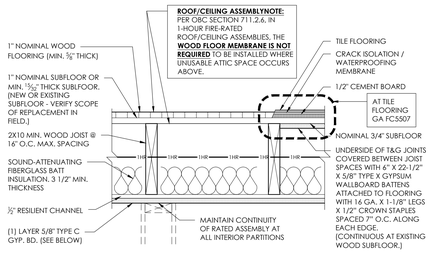
1 A0.3

UL DESIGN NO. L505

1. Flooring System No. 1 — The flooring system shall consist of one of the following:
Subflooring — Min 1 by 6 in. T & G lumber fastened diagonally to joists, or min 15/32 in. thick wood structural panels or 7/16 in. thick oriented strand board (OSB) wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panels to be perpendicular to the joists with joints staggered.
Vapor Barrier — Nom 0.010 in. thick commercial rosin-sized building paper.
Finish Flooring — Min 1 by 4 in. T & G lumber fastened perpendicular to joists, or min 19/32 in. wood structural panels, min grade "Underlayment" or "Single Floor". Face grain of plywood or strength axis of panels to be perpendicular to joists with joints staggered.
2. Wood Joists — Min 2 by 10, spaced 16 in. OC and effectively fireblocked in accordance with local codes.
3. Cross Bridging — Min 1 by 3 in. or min 2 by 10 solid blocking.
4. (4A) Steel Framing Members — As an alternate to Item 4, furring channels and Steel Framing Members* as described below:
a. Furring Channels — Furring channels, formed of No. 25 MSG galv steel, 2-9/16 in. or 2-23/32 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to joists. Channels secured to joists as described in Item b. Ends of adjoining channels overlapped 4 in. and tied together with double strands of No. 18 SWG galv steel wire near each end of overlap.
b. Steel Framing Members* — Used to attach furring channels (Item a) to joists (Item 2). ~~Clips spaced 48 in. OC, and secured to alternating joists~~ with No. 8 x 2-1/2 in. coarse drywall screw through the center grommet. Furring channels are friction fitted into clips. RSIC-1 clip for use with 2-9/16 in. wide furring channels. RSIC-1 (2.75) clip for use with 2-23/32 in. wide furring channels. Adjoining channels are overlapped as described in Item a. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Additional clips required to hold furring channel that supports the wallboard butt joints, as described in Item 5.
PAC INTERNATIONAL L L C — Types RSIC-1, RSIC-1 (2.75).

****SPACING OF RSIC-1 "PAC INTERNATIONAL" CLIPS SHALL BEEN ADJUSTED TO ACCOMMODATE ADDITIONAL LAYER OF DRYWALL USED IN ASSEMBLY. BASED ON 36 LBS PER ATTACHMENT POINT, CLIPS TO BE SPACED AT A GRID OF 28" BY 32" (EVERY OTHER JOIST). CONTRACTOR TO COORDINATE EXISTING JOISTS SPACING AND STEEL FRAMING MEMBER SPACING WITH MANUFACTURER PRIOR TO INSTALLING STEEL FRAMING MEMBERS.**

5. Gypsum Board* — Two layers 5/8 in. thick gypsum board. When resilient channels (Item 4) are used, first layer installed with long dimension perpendicular to joists, and end joints of boards located at the joists. Nailed to joists with uncoated 8d box nails spaced 7 in. OC. All nails located 1/2 in. min distance from the edges and ends of the board. Second layer installed with long dimension perpendicular to the resilient channels and center line of boards located under a joist and so placed that the edge joint of this layer is not in alignment with the end joint of the first layer. Secured to resilient channels with 1 in. long gypsum board screws 12 in. OC with additional screws 3 in. from side joints. End joints secured to both resilient channels as shown in end joint detail. All screws located 1 in. min distance from edges of boards. If gypsum board is other than 48 in. wide, length of additional channel may be modified as required to allow full extension along joints, as well as attachment to joists at each joint. Joint treatment not required for this rating, except for tapered, rounded-edge gypsum board where edge joints are covered with paper tape and joint compound. As an alternate, nom 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard. Joints reinforced.
When Steel Framing Members (Items 4A or 4B) are used, sheets installed with long dimensions parallel with joists. Base layer attached to the furring channels using 1 in. long Type S bugle-head steel screws spaced 8 in. OC along butted end joints and 12 in. OC in the field of the board. Butted end joints shall be staggered min 2 ft. within the assembly, and occur midway between the continuous furring channels. Each end of each gypsum board shall be supported by a single length of furring channel equal to the width of the gypsum board plus 6 in. on each end. The two furring channels shall be spaced approximately 3-1/2 in. OC, and be attached to underside of the joist with one RSIC-1 or Genie clip at each end of the channel. Butted base layer end joints to be offset a min of 24 in. in adjacent courses. Outer layer attached to the furring channels using 1-5/8 in. long Type S bugle-head steel screws spaced 8 in. OC at butted joints and 12 in. OC in the field. Butted end joints to be offset a min of 8 in. from base layer end joints. Butted side joints of outer layer to be offset min 18 in. from butted side joints of base layer.
PROPRIETARY GYPSUM BOARD:
AMERICAN GYPSUM CO — Type AG-C.
CERTAINTEED GYPSUM INC — Type C, Type LGFC-C/A.
GEORGIA-PACIFIC GYPSUM L L C — Types 5_C, DAPC, GPFS1, TG-C.
NATIONAL GYPSUM CO — Types FSK-C, FSK-G, FSW-C, FSW-G
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type C, PG-3 or PG-C
THAI GYPSUM PRODUCTS PCL — Type C
6. Screw, Gypsum Board — 1 in. long, with 0.129 in., self-drilling and self-tapping shank, and Phillips-type 0.355 in. diam head. Screws shall be driven no farther than slightly indented (not deeper than 1/64 in.) into the exposed surface of the gypsum board.
7. Finishing System - (Not Shown) — Vinyl, dry or premixed joint compound, applied in two coats to joints and screw-heads. Nom 2 in. wide paper tape embedded in first layer of compound over all joints. As an alternate, nom 3/32 in. thick veneer plaster may be applied to the entire surface of gypsum board.
* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.



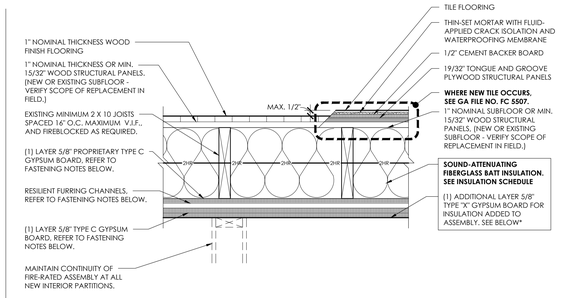
GA FILE NO. FC 5506 (UL DESIGN L515) 1-HR FIRE-RATED FLOOR/CEILING ASSEMBLY

2 A0.3

GA FC 5506:
ONE LAYER 5/8" PROPRIETARY TYPE X GYPSUM WALLBOARD OR GYPSUM VENEER BASE APPLIED AT RIGHT ANGLES TO RESILIENT CHANNELS 12" O.C. WITH 1" TYPE S SCREWS 8" O.C. GYPSUM BOARD END JOINTS LOCATED MIDWAY BETWEEN CONTINUOUS CHANNELS AND ATTACHED TO ADDITIONAL PIECES OF CHANNEL 53" LONG WITH SCREWS 12" O.C.
RESILIENT CHANNELS APPLIED AT RIGHT ANGLES TO 2 X 10 WOOD JOISTS 16" O.C. WITH 1-1/4" TYPE S SCREWS. 3-1/2" GLASS OR MINERAL FIBER INSULATION LOOSE-LAID ON RESILIENT CHANNELS.
WOOD JOISTS SUPPORTING 1" T&G WOOD SUBFLOOR AND 1" WOOD FINISH FLOOR, OR 5/8" PLYWOOD FINISHED FLOOR WITH LONG EDGES T&G AND 15/32" INTERIOR PLYWOOD WITH EXTERIOR GLUE SUBFLOOR PERPENDICULAR TO JOISTS WITH JOINTS STAGGERED.

PROPRIETARY GYPSUM BOARD
CERTAINTEED GYPSUM INC. - 5/8" CERTAINTEED® TYPE C GYPSUM BOARD

UL DESIGN L515
1. Flooring System No. 1— The flooring system shall consist of one of the following:
Subflooring — Min 1 by 6 in. T & G lumber fastened diagonally to joists, or min 15/32 in. thick wood structural panels, min grade "C-D" or "Sheathing". Face grain of plywood or strength axis of panels to be perpendicular to the joists with joints staggered.
Vapor Barrier - (Optional) — Nom 0.010 in. thick commercial rosin-sized building paper.
Finish Flooring — Min 1 by 4 in. T & G lumber fastened perpendicular to joists, or min 19/32 in. thick wood structural panels, min grade "Underlayment" or "Single-Floor". Face grain of plywood or strength axis of panels to be perpendicular to the joists with joints staggered.
2. Wood Joists — Min 2 by 10, spaced 16 in. OC and effectively fireblocked in accordance with local codes.
3. Cross Bridging — Min 1 by 4 in. or min 2 by 10 solid blocking.
4. Ceiling Damper* - (Optional) — Max nom area shall be 198 sq in. Max rectangular size shall be 12 in. wide by 16-1/2 in. long. Max height of damper shall be 8-3/4 in. Aggregate damper openings shall not exceed 99 sq in. per 100 sq ft of ceiling area. Damper installed in accordance with the manufacturers installation instructions provided with the damper. A steel grille (Item 8) shall be installed in accordance with installation instructions.
SEE UL ASSEMBLY FOR PROPRIETARY DAMPERS.
5. Batts and Blankets - For use with Steel Framing Members* (Items 6C and 6F) and Gypsum Board* (Items 7A and 7B). Any thickness mineral wool or glass fiber insulation bearing the UL Classification Marking for Surface Burning Characteristics, having a flame spread index of 25 or less and a smoke developed index of 50 or less. Insulation fitted in the concealed space, draped over the steel framing members/gypsum board ceiling membrane.
6. Furring Channels — Formed of 25 MSG galv steel as shown, 3 in. wide and 5/8 in. deep, spaced 24 in. OC perpendicular to joists. Channels overlapped at splice 2-1/2 in., and fastened to each joist by toe-nailing on both sides at an angle with two 1-1/2 in. long 4d nails. Additional furring channels positioned so as to coincide with end joints of gypsum board (Item 7). Additional furring channels shall extend min 2-1/2 in. beyond each side edge of board and with the channel not extending more than 2-1/2 in. beyond the last location at which the channel is nailed to the joists.
7. Gypsum Board — Nom 1/2 in. thick, 4 ft wide gypsum board. Gypsum board installed with long dimensions perpendicular to furring channels and the side edges of the board located between joists. Gypsum board fastened to furring channels with 1 in. long No. 6 Type S bugle head screws spaced 12 in. OC. End joints of gypsum board similarly fastened to additional furring channels positioned at end joint locations. Screws located 1 in. min distance from side edges and 1/2 in. min from butt ends of gypsum board sheets. Gypsum board on each side of the butt end joint attached to the 2-1/2 in. overlap of furring channel with one additional screw. Joints to be covered with paper tape and joint compound.
When Steel Framing Members* (Item 6A , 6B, 6C) are used, gypsum board installed with long dimension perpendicular to cross tees with side joints centered along main runners and end joints centered along cross tees. Gypsum board secured to cross tees with 1 in. long No. 6 Type S bugle head screws spaced 12 in. OC in the field and 8 in OC along end joints. Gypsum board fastened to main runners with 1 in. long No. 6 Type S bugle head screws spaced midway between cross tees. Screws along sides and ends of boards spaced 3/8 to 1/2 in. from board edge. End joints of the sheets shall be staggered with spacing between joints on adjacent boards not less than 4 ft OC. Joints to be covered with paper tape and joint compound.
PROPRIETARY GYPSUM BOARD:
AMERICAN GYPSUM CO — Type AG-C
CGC INC — Types C, IP-X2, IPC-AR, WRC
CERTAINTEED GYPSUM INC — Type LGFC-C/A
GEORGIA-PACIFIC GYPSUM L L C — Type TG-C
NATIONAL GYPSUM CO — Types eXP-C, FSK-1, FSK-G, FSW-1, FSW-G, FSK-C, FSW-C
UNITED STATES GYPSUM CO — Types C, IP-X2, IPC-AR, WRC
USG BORAL DRYWALL SPZ LLC — Type C
USG MEXICO S A DE C V — Types C, IP-X2, IPC-AR, WRC
* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.



GA FILE NO. FC 5724 2-HOUR FIRE-RATED FLOOR/CEILING ASSEMBLY

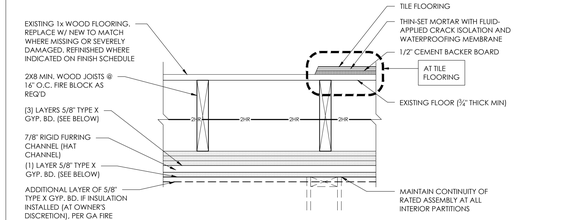
3 A0.3

BASE LAYER 5/8" PROPRIETARY TYPE X GYPSUM WALLBOARD OR GYPSUM VENEER BASE APPLIED AT RIGHT ANGLES TO 2 X 10 WOOD JOISTS SPACED 16" O.C. WITH 8D NAILS, 2-1/2" LONG, 0.113" SHANK, 19/64" HEADS, SPACED 7" O.C.
RESILIENT FURRING CHANNELS SPACED 24" O.C. APPLIED AT RIGHT ANGLES TO JOISTS THROUGH BASE LAYER WITH ONE 8D NAIL, 2-1/2" LONG, 0.113" SHANK, 19/64" HEAD, AT EACH JOIST.
FACE LAYER 5/8" PROPRIETARY TYPE X GYPSUM WALLBOARD OR GYPSUM VENEER BASE APPLIED AT RIGHT ANGLES TO RESILIENT FURRING CHANNELS WITH 1" TYPE S DRYWALL SCREWS SPACED 12" O.C. DOUBLE CHANNEL INSTALLED AT FACE LAYER END JOINTS.
WOOD JOISTS SUPPORTING 1" NOMINAL TONGUE & GROOVE WOOD SUBFLOOR AND 1" NOMINAL WOOD FINISH FLOOR OR 19/32" PLYWOOD FINISHED FLOOR WITH LONG EDGES TONGUE & GROOVE AND 15/32" INTERIOR PLYWOOD WITH EXTERIOR GLUE SUBFLOOR PERPENDICULAR TO JOISTS WITH JOINTS STAGGERED

*UP TO 16 3/4" OF FIBERGLASS INSULATION MAY BE ADDED TO THE JOIST SPACE ABOVE THE GYPSUM BOARD PROVIDED THAT AN ADDITIONAL LAYER OF GYPSUM BOARD IS ADDED TO THE ASSEMBLY (OF THE SAME THICKNESS AND TYPE AS THE DESIGN). THE ADDITIONAL LAYER OF GYPSUM BOARD SHALL BE APPLIED AS DESCRIBED FOR THE FACE LAYER OF THE TESTED SYSTEM EXCEPT THAT THE FASTENER LENGTH SHALL BE INCREASED BY NOT LESS THAN THE THICKNESS OF THE ADDITIONAL LAYER OF GYPSUM BOARD.

PROPRIETARY GYPSUM BOARD

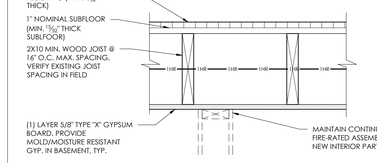
CERTAINTEED GYPSUM INC.	**5/8" CERTAINTEED® TYPE C GYPSUM BOARD**
CONTINENTAL BUILDING PRODUCTS OPERATING COMPANY, LLC	**5/8" FIRECHECK® TYPE C**
GEORGIA PACIFIC GYPSUM LLC	**5/8" TOUGHROCK® FIREGUARD C® GYPSUM BOARD**
NATIONAL GYPSUM COMPANY	**5/8" GOLDBOND® BRAND FIRE-SHIELD C™ GYPSUM BOARD**
PABCO GYPSUM	**5/8" FLAME CURB® SUPER 'C'**



GA FILE NO. 5725 2-HR FIRE-RATED FLOOR/CEILING ASSEMBLY

5 A0.3

BASE LAYER 5/8" TYPE X GYPSUM WALLBOARD APPLIED AT RIGHT ANGLES TO 2 X 8 WOOD JOISTS 24" O.C. WITH 1-1/4" TYPE W SCREWS 12" O.C.
SECOND LAYER 5/8" TYPE X GYPSUM WALLBOARD APPLIED AT RIGHT ANGLES TO JOISTS WITH 2" TYPE W SCREWS 12" O.C.
THIRD LAYER 5/8" TYPE X GYPSUM WALLBOARD APPLIED AT RIGHT ANGLES TO JOISTS WITH 2-1/2" TYPE W SCREWS 12" O.C.
HAT-SHAPED 7/8" RIGID FURRING CHANNELS 24" O.C. APPLIED AT RIGHT ANGLES TO JOISTS OVER THIRD LAYER WITH TWO 2-1/2" LONG TYPE W SCREWS AT EACH JOIST.
FACE LAYER 5/8" TYPE X GYPSUM WALLBOARD APPLIED AT RIGHT ANGLES TO FURRING CHANNELS WITH 1-1/8" TYPE S SCREWS 12" O.C.
WOOD JOISTS SUPPORTING 3/4" T&G EDGE PLYWOOD FLOOR APPLIED AT RIGHT ANGLES TO JOISTS WITH 8D NAILS 6" O.C. AT JOINTS AND 12" AT INTERMEDIATE JOISTS.
SECOND LAYER JOINTS OFFSET 24" FROM BASE LAYER JOINTS. THIRD LAYER JOINTS OFFSET 12" FROM SECOND LAYER JOINTS.

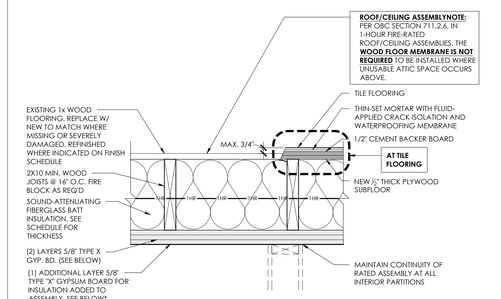


GA FILE NO. FC 5420 1-HR FIRE-RATED FLOOR/CEILING ASSEMBLY

4 A0.3

ONE LAYER 5/8" TYPE X GYPSUM WALLBOARD OR GYPSUM VENEER BASE APPLIED AT RIGHT ANGLES TO 2X10 WOOD JOISTS 16" O.C. WITH 6D COATED NAILS, 1-7/8" LONG 0.0915" SHANK, 1/4" HEADS, 6" O.C.
WOOD JOISTS SUPPORTING 1" WOOD SUBFLOOR AND 1" WOOD FINISH FLOOR, OR 19/32" PLYWOOD FINISHED FLOOR WITH LONG EDGES T&G AND 15/32" INTERIOR PLYWOOD WITH EXTERIOR GLUE SUBFLOOR PERPENDICULAR TO JOISTS WITH JOINTS STAGGERED.

*UP TO 16 3/4" OF FIBERGLASS INSULATION MAY BE ADDED TO THE JOIST SPACE ABOVE THE GYPSUM BOARD PROVIDED THAT AN ADDITIONAL LAYER OF GYPSUM BOARD IS ADDED TO THE ASSEMBLY (OF THE SAME THICKNESS AND TYPE AS THE DESIGN). THE ADDITIONAL LAYER OF GYPSUM BOARD SHALL BE APPLIED AS DESCRIBED FOR THE FACE LAYER OF THE TESTED SYSTEM EXCEPT THAT THE FASTENER LENGTH SHALL BE INCREASED BY NOT LESS THAN THE THICKNESS OF THE ADDITIONAL LAYER OF GYPSUM BOARD.

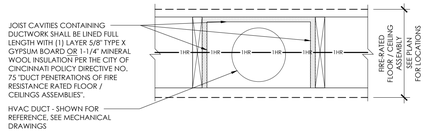


GA FILE NO. FC 5529 1-HR FIRE RATED FLR/CLG ASSEMBLY

6 A0.3

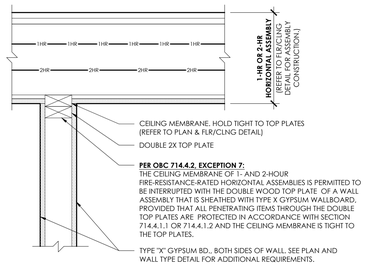
BASE LAYER 5/8" TYPE X GYPSUM WALLBOARD APPLIED AT RIGHT ANGLES TO 2 X 10 WOOD JOISTS 24" O.C. WITH 1-1/4" TYPE W OR S SCREWS 24" O.C.
FACE LAYER 5/8" TYPE X GYPSUM WALLBOARD OR GYPSUM VENEER BASE APPLIED AT RIGHT ANGLES TO JOISTS WITH 1-7/8" TYPE W OR S SCREWS 12" O.C. AT JOINTS AND INTERMEDIATE JOISTS AND 1-1/2" TYPE G SCREWS 12" O.C. PLACED 2" BACK ON EITHER SIDE OF END JOINTS.
WOOD JOISTS SUPPORTING 1/2" PLYWOOD WITH EXTERIOR GLUE APPLIED AT RIGHT ANGLES TO JOISTS WITH 8D NAILS. JOINTS OFFSET 24" FROM BASE LAYER JOINTS.

*UP TO 16 3/4" OF FIBERGLASS INSULATION MAY BE ADDED TO THE JOIST SPACE ABOVE THE GYPSUM BOARD PROVIDED THAT AN ADDITIONAL LAYER OF GYPSUM BOARD IS ADDED TO THE ASSEMBLY (OF THE SAME THICKNESS AND TYPE AS THE DESIGN). THE ADDITIONAL LAYER OF GYPSUM BOARD SHALL BE APPLIED AS DESCRIBED FOR THE FACE LAYER OF THE TESTED SYSTEM EXCEPT THAT THE FASTENER LENGTH SHALL BE INCREASED BY NOT LESS THAN THE THICKNESS OF THE ADDITIONAL LAYER OF GYPSUM BOARD.



DUCT ROUTING IN FIRE-RATED FLR./CLNG

8 A0.3

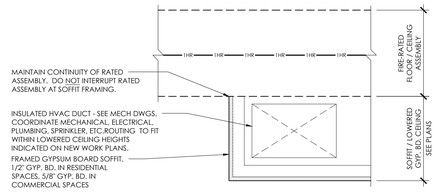


ALTERNATE TOP OF WALL DETAIL @ INTERSECTION OF EXISTING WALL AND NEW 1-HR OR 2-HR HORIZONTAL ASSEMBLY

7 A0.3

FLOOR/CEILING ASSEMBLY GENERAL NOTES & LOWERED CEILING DETAIL

1. REFER TO NEW WORK PLANS FOR LOCATIONS OF RATED FLOOR / CEILING ASSEMBLIES.
2. **WOOD SUBFLOOR** SHALL BE NEW OR EXISTING, MINIMUM THICKNESS AS INDICATED IN FLOOR/CEILING ASSEMBLY DETAIL. EXISTING WOOD SUBFLOOR IS TO REMAIN, UNLESS SEVERELY DAMAGED OR MISSING. VERIFY SCOPE OF NECESSARY SUBFLOOR REPLACEMENT IN FIELD.
3. SEE BELOW FOR TYPICAL TYPICAL NON-RATED LOWERED CEILING/SOFFIT DETAIL BELOW RATED FLOOR/CEILING ASSEMBLIES.
4. **AT BASEMENTS**, SUBSTITUTE EQUIVALENT MOLD & MOISTURE RESISTANT GYPSUM BOARD. - SEE SCHEDULE ON SHEET A0.2.
5. IN ORDER TO MAINTAIN ACOUSTIC SEPARATION, GYP. BD THAT IS **BELOW THE RESILIENT CHANNELS** SHALL BE FASTENED **ONLY TO THE RESILIENT CHANNELS, AND SHALL NOT BE FASTENED DIRECTLY TO WOOD JOISTS.**
6. **AT EXTERIOR FLOOR/CEILING ASSEMBLIES** (**BREEZEWAYS, RECESSED ENTRIES**):
   - SUBSTITUE EQUIVALENT FIBERGLASS-FACED GYPSUM BOARD SHEATHING IN PLACE OF BASE LAYER(S) AND EQUIVALENT MOISTURE RESISTANT GYPSUM BOARD IN PLACE OF FACE LAYER.
   -PROVIDE "SMART VAPOR BARRIER" AT UNDERSIDE OF FLOOR JOISTS.
7. PROVIDE FURRING AS REQUIRED TO CREATED A FLUSH CEILING WITHOUT STEPS AT FIRE-RATED FLOOR CEILING ASSEMBLIES WHERE NEW AND/OR EXISTING JOIST DEPTHS VARY. VERIFY SCOPE OF CEILING FURRING IN FIELD.



SOFFIT / LOWERED GYP. BD. CEILING DETAIL

NOT FOR CONSTRUCTION

CITYSTUDIOS ARCHITECTURE
1148 Main Street
Cincinnati, OH 45202
ph. 513.621.0750
citystudiosarch.com

advantage STRUCTURAL ENGINEERS
1527 Madison Road
Cincinnati, OH 45206
513.396.8900
www.advantageSE.com

VIOX&VIOX
Civil Engineers, Surveyors, and Landscape Architects
801 Compass Way, Suite 100, Cincinnati, Ohio 45241
Ph Number (513) 772-4774 Fax Number (513) 772-4999

PE ServiCom
INNOVATION, SERVICE & RESULTS
1-513-836-3810
www.pe-servicom.com
9 North Broadway
Lebanon, OH 45036
513-836-3810

RUSS ALLEY
1631- 1633 VINE STREET, 1630 REPUBLIC STREET
(1633 VINE STREET HPTC APPLICATION)
CINCINNATI, OH 45202

3CDC CINCINNATI CENTER CITY DEVELOPMENT CORPORATION

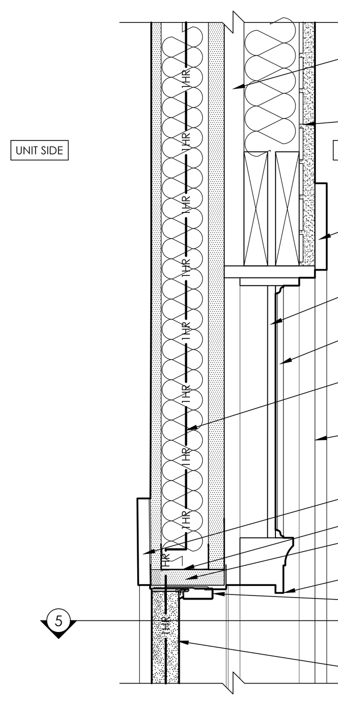
ISSUE LOG:
06.02.2023 ISSUE FOR PERMIT
07.14.2023 PERMIT REVISION 1
09.21.2023 OHFA PRELIM. SUBMISSION

FLOOR / CEILING ASSEMBLIES

A0.3

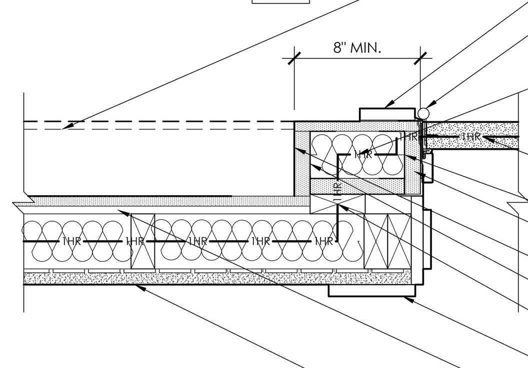
PRELIMINARY: NOT FOR CONSTRUCTION

SECTION THRU TRANSOM AND DOOR HEAD



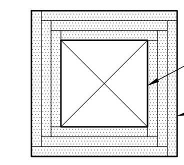
6 / A0.3a
1 1/2" = 1'-0"

SECTION THRU DOOR JAMB



5 / A0.3a
1 1/2" = 1'-0"

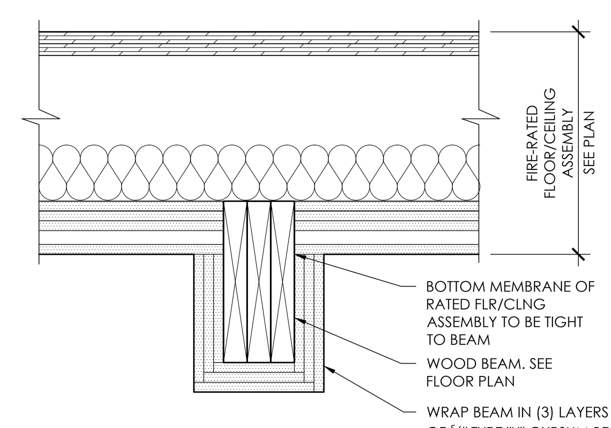
FIRE-RATED WOOD COLUMNS AND BEAMS



PER OBC TABLE 722.6.2(1):
(3) LAYERS OF 5/8" TYPE "X" GYP. BD.
= 3 X 40 MIN. = 120 MINUTES

2-HR FIRE-RATED WOOD COLUMN

3 / A0.3.a

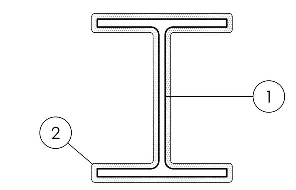


PER OBC TABLE 722.6.2(1):
(3) LAYERS OF 5/8" TYPE "X" GYP. BD.
= 3 X 40 MIN. = 120 MINUTES

2-HR FIRE-RATED WOOD BEAM

4 / A0.3.a

FIRE-RATED STEEL BEAMS



NOTE:
A. THICKNESS OF INTUMESCENT COATING VARIES DEPENDING ON STEEL SIZE AND SHAPE. REFER TO ISOLATEK'S THICKNESS CHARTS.
B. REFER TO ISOLATEK'S INSTRUCTIONS FOR PREPARATION OF SURFACE OF EXISTING STRUCTURAL STEEL TO RECEIVE INTUMESCENT COATINGS.

2-HOUR FIRE-RATED STEEL BEAM UL DESIGN NO. X649

1 / A0.3.a

1. Steel Column (TO BE USED FOR STEEL BEAM RATING) — Wide flange steel columns with the minimum sizes shown in the tables below. Columns shall be free of dirt, loose scale and oil. Columns shall be primed with a phenolic modified alkyd resin primer, a metal alkyd primer, an acrylic primer or an epoxy primer at a nominal thickness of 2 mil.

2. Mastic and Intumescent Coatings* — Coating spray, brush or trowel applied directly from containers to desired thickness. See tables below for appropriate final dry thickness and applicable rating. (See UL assembly for acceptable manufacturers.)

Steel Size	W/D	Min. Thickness, In. 1 Hr	1-1/2 Hr	2 Hr Min	3 Hr Min	4 Hr Min
W8 x 10	0.33	0.145	0.266	NR	NR	NR
W12 x 14	0.36	0.133	0.263	NR	NR	NR
W12 x 16	0.41	0.117	0.230	NR	NR	NR
W6 x 12	0.44	0.109	0.215	0.338	NR	NR
W8 x 15	0.48	0.100	0.197	0.310	NR	NR
W10 x 22	0.52	0.092	0.182	0.286	NR	NR
W4 x 13	0.55	0.087	0.172	0.271	NR	NR
W6 X 16	0.58	0.083	0.163	0.257	0.504	NR
W8 x 24	0.59	0.075	0.130	0.213	0.504	NR
W14 x 34	0.63	0.075	0.130	0.213	0.489	NR
W8 x 28	0.68	0.070	0.130	0.213	0.453	NR
W8 x 35	0.74	0.065	0.128	0.201	0.416	NR
W10 x 39	0.78	0.061	0.121	0.191	0.395	NR
W10 x 49	0.84	0.057	0.113	0.177	0.367	NR
W10 x 45	0.89	0.054	0.106	0.167	0.346	NR
W16 x 57	0.95	0.050	0.099	0.157	0.324	NR
W8 x 48	1.00	0.048	0.095	0.149	0.308	NR
W14 x 90	1.07	0.045	0.088	0.139	0.288	NR
W10 x 68	1.14	0.042	0.083	0.131	0.270	NR
W18 x 97	1.21	0.040	0.078	0.123	0.255	NR
W10 x 77	1.28	0.038	0.074	0.116	0.241	NR
W16 x 100	1.36	0.036	0.069	0.109	0.227	NR
W10 x 88	1.45	0.034	0.065	0.103	0.213	NR
W14 x 132	1.54	0.032	0.061	0.097	0.200	NR
W12 x 120	1.64	0.030	0.058	0.091	0.188	NR
W33 x 221	1.72	0.028	0.058	0.088	0.188	0.433
W14 x 159	1.77	0.028	0.056	0.085	0.187	0.423
W14 x 176	1.95	0.025	0.051	0.077	0.178	0.384
W14 x 193	2.12	0.023	0.047	0.071	0.164	0.353
W14 x 211	2.30	0.023	0.043	0.066	0.151	0.326
W14 x 233	2.52	0.023	0.040	0.060	0.138	0.297
W14 x 257	2.75	0.023	0.036	0.055	0.126	0.272
W14 x 283	3.00	0.023	0.033	0.050	0.116	0.194

NR = No Rating

As an alternate to the above table, the required thickness of coating (in inches) to be applied to all surfaces of wide flange steel columns for 2 hour ratings, in the W/D range of 0.44 to 1.64, may be determined from the following equation:

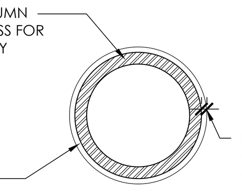
T = 0.1489/(W/D)

Where T = Thickness of coating in the range of 0.091 to 0.338 in., W = Weight of steel column in pounds per linear foot, D = Heated perimeter of steel column section in inches.

3. Top Coat — Type SprayFilm — TOPSEAL and Type TOPSEAL required for Exterior Use, applied at a minimum dry thickness of 14 mils (0.34 mm) over the intumescent material.
See Classification information in the Mastic and Intumescent Coating (CDWZ) category, Isolatek International, for mixing requirements.

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

FIRE-RATED STEEL COLUMNS



NOTE:
A. THICKNESS OF INTUMESCENT COATING VARIES DEPENDING ON STEEL SIZE AND SHAPE. REFER TO ISOLATEK'S THICKNESS CHARTS.
B. REFER TO MANUFACTURER'S INSTRUCTIONS FOR PREPARATION OF SURFACE OF EXISTING STRUCTURAL STEEL TO RECEIVE INTUMESCENT COATINGS.

2-HR FIRE-RATED COLUMN UL DESIGN NO. X631

2 / A0.3.a

1. STEEL COLUMN — STEEL PIPE COLUMNS WITH THE MINIMUM SIZES SHOWN IN THE TABLES BELOW. COLUMNS SHALL BE FREE OF DIRT, LOOSE SCALE AND OIL. COLUMN SHALL BE PRIMED WITH 0.003 IN. DRY FILM THICKNESS OF MODIFIED ALKYD, EPOXY, ORGANIC ZINC OR INORGANIC ZINC BASED PRIMER.
2. MASTIC AND INTUMESCENT COATING — COATING SPRAY, BRUSH OR TROWEL APPLIED DIRECTLY FROM CONTAINERS TO DESIRED THICKNESS. SEE TABLE BELOW FOR APPROPRIATE FINAL DRY THICKNESS.

SIZE	A/P	2 HR
SP 2.5 X 0.552	0.45	0.340
SP 3 X 0.6	0.50	0.340
SP 4 X 0.674	0.57	0.340
SP 5 X 0.75	0.65	0.340
SP 6 X 0.864	0.57	0.340
SP 8 X 0.5	0.47	0.340
SP 8 X 0.875	0.75	0.340
SP 12 X 0.5	0.48	0.340

CARBOLINE CO — TYPE NULLIFIRE S605. INVESTIGATED FOR INTERIOR GENERAL PURPOSE AND EXTERIOR USE.(SEE ITEM 3)

3. TOPCOAT — FOR INTERIOR GENERAL PURPOSE TYPE TS 615 TOP-COAT APPLIED OVER THE BASE COAT AT 0.003 IN. THICKNESS.

APPROVED ALTERNATIVE ENGINEERED DESIGN (FIRE ESCAPE WATER CURTAINS)

city of CINCINNATI BUILDINGS & INSPECTIONS

June 06, 2023

City Studios Architecture
Attn: Peter Toraason
1148 Main Street
Cincinnati, OH 45202

RE: Alternative Engineering Design request for 1633 Vine Street, APD #2023P04662

Dear Mr. Toraason,

This letter is in response to your request for consideration under the 2017 Ohio Building Code (OBC) Section 106.5, Alternative Engineering Design, for the alterations and change of use to the building located at 1633 Vine Street.

In your request dated May 30, 2023, you asked for consideration for not requiring opening protectives to be installed in window openings along the fire escape as required by OBC Section 3406.5. In lieu of providing opening protectives, it is proposed to extend the sprinkler system such that each of the 8 windows along the fire escape is provided with a water curtain.

The mitigating factors that are associated with this request are:

- This building is designated as historic.
- The building will be fully suppressed.
- There will be no exposed plastic sprinkler piping.
- Sprinkler contractor will submit documentation that the water curtain will provide 100% coverage to the window.
- Smoke detectors will be placed in each room with a water curtain and will be hardwired and interconnected to other smoke detectors in the dwelling unit.

Based on the factors listed above, we accept the proposed Alternative Engineering Design as equivalent to the code requirements in the OBC for open protectives along fire escapes.

Feel free to contact this office with any questions concerning the approval of your Alternative Engineering Design. I can be reached at 513-352-2424.

Sincerely,

Art Dahlberg, CBO
Director of Buildings and Inspections

attachments: Alternative Engineering Design Proposal dated 5/30/2023.

cc: Robert Martin, Division Manager, Building Plans Examination
Chief Kenneth Caldwell, Cincinnati Fire Department
Gregory Phelia Jr., District Chief, Fire Prevention/Risk Reduction

Permit Center • 805 Central Avenue, Suite 500 • Cincinnati, Ohio 45202
P 513-352-3271 • F 513-352-2579 • www.cincinnati-oh.gov

CITYSTUDIOS ARCHITECTURE

May 30, 2023

Art Dahlberg
Director, Buildings & Inspections
City of Cincinnati
Department of City Planning and Buildings
Division of Buildings and Inspections
805 Central Ave., Suite 500
Cincinnati, Ohio 45202

Re: Alternative Engineered Design
1633 Vine St., Cincinnati

Mr. Dahlberg,

The purpose of this letter is to request approval of an Alternative Engineered Design for the above referenced project, for water curtains at window openings along the existing fire escape in lieu of opening protectives required by OBC Section 3406.5.

The project is the renovation of the existing historic building at 1633 Vine St. in Cincinnati, Ohio. The building is 4 stories in height, Type IIIB construction classification, and has an area of +/-1,994 SF per floor. The building will have S-1 use in basement, commercial and residential use on 1st floor (R-2/B/M) and residential use on floors 2-3 (R-2). The 4th level is an unoccupied attic. As part of the renovation new windows will be installed including along the existing fire escapes.

This letter is to request approval of an Alternative Engineered Design (OBC Section 106.5) to provide water curtains at the (8) window openings along the fire escape on floors 1-3 in lieu 3/4 hour opening protectives required by OBC 3406.5.

- Water curtains are to be installed at the interior of each window along the existing fire escape to protect the opening.
- Sprinkler contractor shall submit documentation demonstrating 100% coverage of the opening to the Department of Buildings and Inspections.
- Smoke detectors shall be installed in each room in which a water curtain is to protect window glazing. Such smoke detectors shall be hardwired and interconnected to the other smoke detectors in the same dwelling unit.
- Plastic piping shall not be exposed.

Sincerely,

Peter Toraason
CITY STUDIOS ARCHITECTURE

1148 Main Street Cincinnati, Ohio 45202 ph: 513.621.0750

NOT FOR CONSTRUCTION

CITYSTUDIOS ARCHITECTURE
1148 Main Street
Cincinnati, OH 45202
ph. 513.621.0750
citystudiosarch.com

advantage STRUCTURAL ENGINEERS
1527 Madison Road
Cincinnati, OH 45206
513 396 8900
www.advantageSE.com

VIOX&VIOX
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9 North Broadway
Lebanon, OH 45046
513-836-3810

RUSS ALLEY
1631- 1633 VINE STREET, 1630 REPUBLIC STREET
(1633 VINE STREET HPTC APPLICATION)
CINCINNATI, OH 45202

3CDC CINCINNATI CENTER CITY DEVELOPMENT CORPORATION

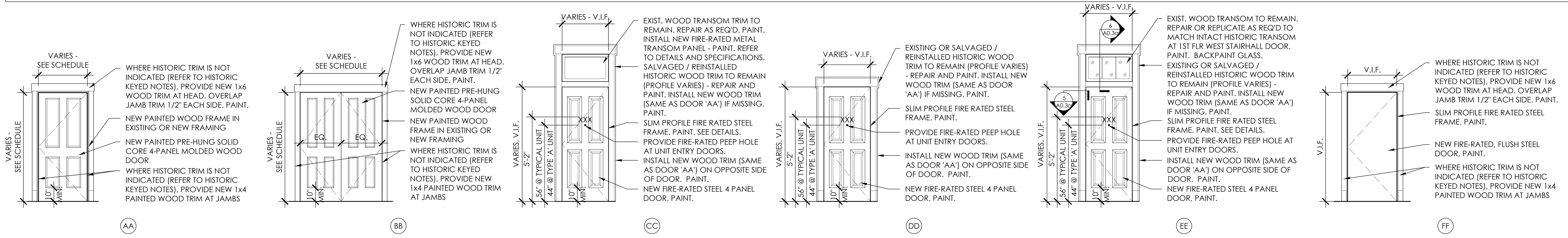
ISSUE LOG:
06.02.2023 ISSUE FOR PERMIT
1 07.14.2023 PERMIT REVISION 1
09.21.2023 OHFA PRELIM. SUBMISSION

FIRE-RATING DETAILS & APPROVED ALTERNATIVE ENGINEERED DESIGN

A0.3a

PRELIMINARY: NOT FOR CONSTRUCTION

INTERIOR DOOR TYPES



(AA) NEW INTERIOR DOOR

(BB) NEW INTERIOR DOUBLE DOOR

(CC) NEW FIRE RATED STAIR / UNIT ENTRY DOOR W/ RATED TRANSOM

(DD) NEW FIRE RATED STAIR / UNIT ENTRY DOOR

(EE) NEW FIRE RATED STAIR / UNIT ENTRY DOOR W/ RATED TRANSOM (SEE HISTORIC NOTE AK)

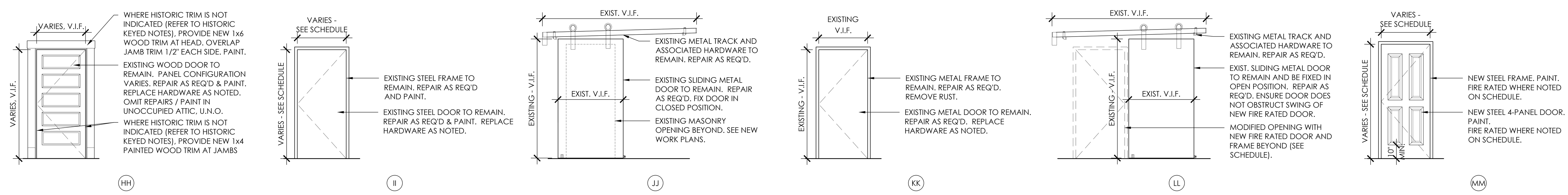
(FF) NEW FIRE RATED STAIR DOOR

(GG) NEW STEEL INTERIOR DOOR

APARTMENT NUMBERS AT APARTMENT ENTRANCE DOORS INSTALLED CENTERED ON THE DOOR WITH THE TOP OF CHARACTERS AT 62" ABOVE FINISHED FLOOR. SEE SIGNAGE NOTES BELOW FOR ADDITIONAL INFO.

APARTMENT NUMBERS AT APARTMENT ENTRANCE DOORS INSTALLED CENTERED ON THE DOOR WITH THE TOP OF CHARACTERS AT 62" ABOVE FINISHED FLOOR. SEE SIGNAGE NOTES BELOW FOR ADDITIONAL INFO.

APARTMENT NUMBERS AT APARTMENT ENTRANCE DOORS INSTALLED CENTERED ON THE DOOR WITH THE TOP OF CHARACTERS AT 62" ABOVE FINISHED FLOOR. SEE SIGNAGE NOTES BELOW FOR ADDITIONAL INFO.



(HH) EXISTING INTERIOR DOOR (SEE HISTORIC NOTES AC, AD AS NOTED ON PLANS)

(II) EXISTING STEEL INTERIOR DOOR

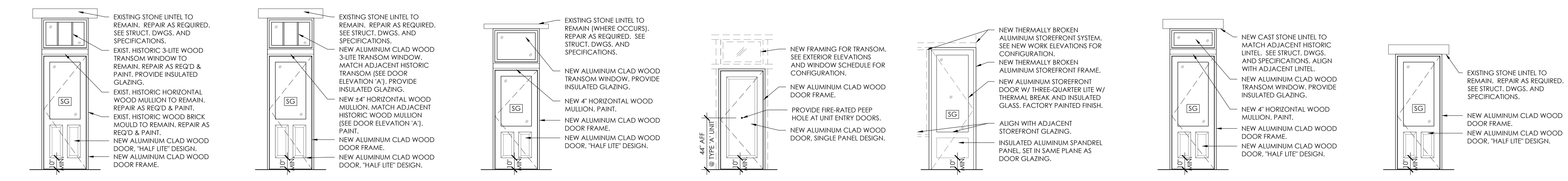
(JJ) EXISTING SLIDING METAL INTERIOR DOOR (SEE HISTORIC NOTE AA)

(KK) EXISTING METAL INTERIOR DOOR (SEE HISTORIC NOTE Y)

(LL) EXISTING SLIDING METAL INTERIOR DOOR (SEE HISTORIC NOTE Z)

(MM) NEW STEEL INTERIOR DOOR

EXTERIOR DOOR TYPES



(A) NEW DOOR WITH EXISTING TRANSOM IN EXISTING M.O. (SEE HISTORIC NOTE AS)

(B) NEW DOOR WITH TRANSOM IN EXISTING M.O.

(C) NEW DOOR WITH TRANSOM IN EXISTING M.O.

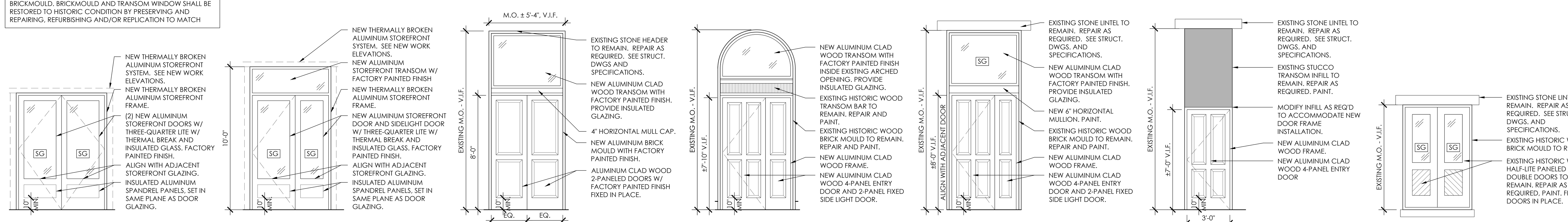
(D) NEW DOOR IN NEW FRAMED OPENING

(E) NEW ALUMINUM STOREFRONT ENTRY DOOR

(F) NEW DOOR WITH TRANSOM IN MODIFIED M.O.

(G) NEW DOOR IN EXISTING M.O.

NOTE: AFTER REMOVAL OF PLYWOOD PANEL @ EXTERIOR, VERIFY IN FIELD CONDITION OF EXTERIOR WOOD TRIM AND WOOD BRICKMOULD. BRICKMOULD AND TRANSOM WINDOW SHALL BE RESTORED TO HISTORIC CONDITION BY PRESERVING AND REPAIRING, REFURBISHING AND/OR REPLICATION TO MATCH



(H) NEW ALUMINUM STOREFRONT DOUBLE ENTRY DOORS

(I) NEW ALUMINUM STOREFRONT ENTRY DOOR w/ FIXED DOOR SIDELGHT AND TRANSOM

(J) NEW ALUMINUM CLAD WOOD FIXED DOUBLE DOOR W/ TRANSOM IN EXISTING M.O.

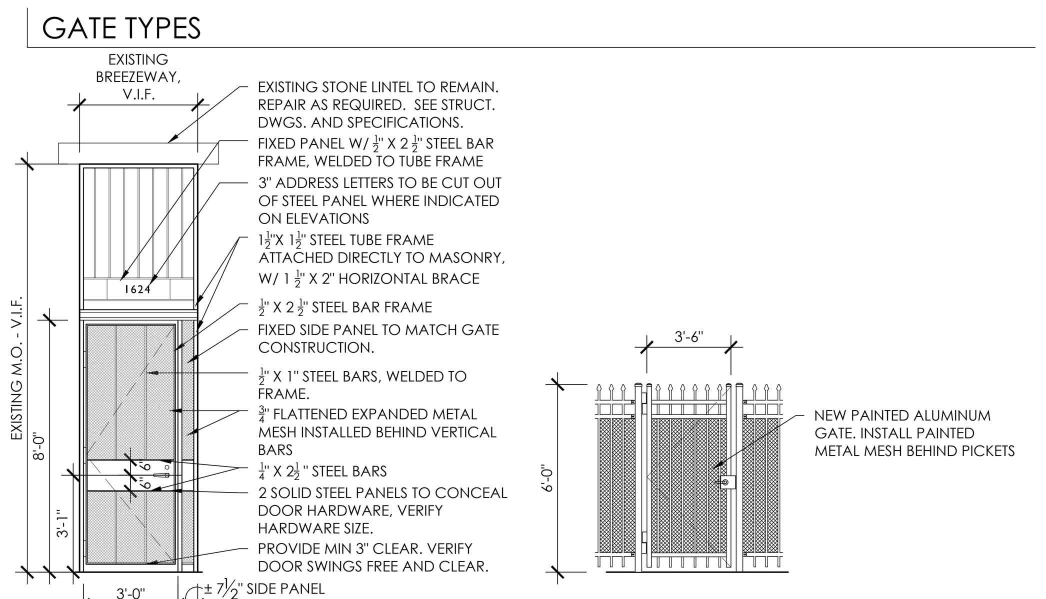
(K) NEW ALUMINUM CLAD WOOD ENTRY DOOR w/ FIXED DOOR SIDELGHT AND ARCHED TRANSOM IN EXISTING M.O. (SEE HISTORIC NOTE AO)

(L) NEW ALUMINUM CLAD WOOD ENTRY DOOR w/ FIXED DOOR SIDELGHT AND TRANSOM IN EXISTING M.O. (SEE HISTORIC NOTE AR)

(M) NEW ALUMINUM CLAD WOOD ENTRY DOOR W/ EXISTING INFILLED TRANSOM IN EXISTING M.O.

(N) EXISTING WOOD DOUBLE EXTERIOR DOORS IN EXISTING M.O. (SEE HISTORIC NOTE AC)

GATE TYPES



(AAA) NEW BREEZEWAY GATE

(BBB) NEW RESIDENTIAL GATE

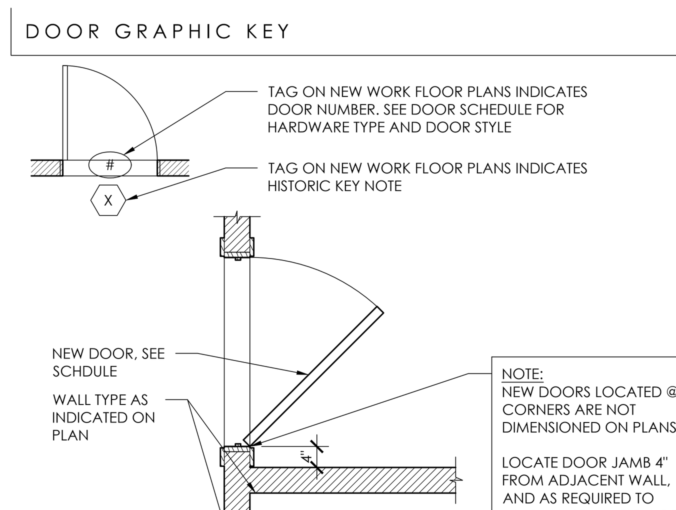
INTERIOR / EXTERIOR SIGNAGE NOTES

1. PROVIDE 6" TALL APPLIED VINYL STREET NUMBERS CENTERED VERTICALLY AND HORIZONTALLY IN TRANSOMS ABOVE COMMERCIAL AND RESIDENTIAL EXTERIOR DOORS, REFER TO NEW WORK ELEVATIONS. COLOR AND TYPEFACE TO BE SELECTED BY ARCHITECT. ENSURE NUMBERS ARE SUITABLE FOR EXTERIOR APPLICATIONS.
2. PROVIDE 6" TALL POWDER COATED CUT-OUT METAL STREET NUMBERS CENTERED ON DOOR #109 (1633 VINE DOOR SCHEDULE) WITH THE TOP OF CHARACTERS AT 62" ABOVE GRADE, SEE NEW WORK ELEVATIONS. COLOR AND TYPEFACE TO BE SELECTED BY ARCHITECT. ENSURE NUMBERS ARE SUITABLE FOR EXTERIOR APPLICATIONS.
3. PROVIDE 4" TALL POWDER COATED CUT-OUT METAL APARTMENT NUMBERS ON THE LATCH SIDE OF DOOR #108 (1633 VINE DOOR SCHEDULE) CENTERED BELOW THE LIGHT FIXTURE WITH THE TOP OF CHARACTERS AT 62" ABOVE GRADE, SEE NEW WORK ELEVATIONS. COLOR AND TYPEFACE TO BE SELECTED BY ARCHITECT. ENSURE NUMBERS ARE SUITABLE FOR EXTERIOR APPLICATIONS.
4. PROVIDE 4" TALL POWDER COATED CUT-OUT METAL APARTMENT NUMBERS AT APARTMENT ENTRANCE DOORS. COLOR AND TYPEFACE TO BE SELECTED BY ARCHITECT. APARTMENT NUMBERS SHALL BE INSTALLED CENTERED ON THE DOOR WITH THE TOP OF CHARACTERS AT 62" ABOVE FINISHED FLOOR.
5. PROVIDE 1" TALL APPLIED VINYL LETTERING AT INTERIOR SIDE OF STOREFRONT DOORS. COORDINATE DOOR LOCATION WITH HARDWARE SUBMITTAL. SIGNS READ: THIS DOOR TO REMAIN UNLOCKED WHEN BUSINESS IS OCCUPIED.
6. PROVIDE STAIR IDENTIFICATION SIGNS PER 1023.9 OBC AT EACH INTERIOR EXIT STAIR LANDING. MINIMUM SIZE SHALL BE 18" TALL X 12" WIDE. SIGN SHALL IDENTIFY THE FLOOR LEVEL IN MINIMUM 5" TALL LETTERING AND SHALL IDENTIFY THE TOP AND BOTTOM FLOOR LEVELS CONNECTED, THE FLOOR LEVEL OF EXIT DISCHARGE, THE DIRECTION TO THE FLOOR LEVEL OF EXIT DISCHARGE, AND AVAILABILITY OF ROOF ACCESS IN MINIMUM 1" TALL LETTERING. STAIR IDENTIFICATION SIGNS TO BE INSTALLED IN CONSPICUOUS LOCATIONS (E.G. FULLY VISIBLE WHEN DOORS ARE IN THE OPEN POSITION) WITH TOP AT 60" ABOVE FINISHED FLOOR. PROVIDE DETAILED SHOP DRAWINGS TO ARCHITECT FOR REVIEW PRIOR TO FABRICATION AND COORDINATE INSTALLATION LOCATIONS WITH ARCHITECT IN THE FIELD.
7. PROVIDE ANSI A117.1 COMPLIANT RESTROOM IDENTIFICATION SIGNS WITH THE UNIVERSAL ACCESSIBILITY PICTOGRAM, RAISED CHARACTERS, AND BRAILLE AT EACH COMMERCIAL RESTROOM DOOR. RESTROOM IDENTIFICATION SIGNS SHALL BE INSTALLED ON THE LATCH SIDE OF EACH RESTROOM DOOR WITH THE TOP OF SIGN AT 60" ABOVE FINISHED FLOOR.
8. PROVIDE APPLIED NO SMOKING PICTOGRAM AT EACH COMMERCIAL AND RESIDENTIAL EXTERIOR DOOR. COORDINATE LOCATIONS WITH ARCHITECT.

DOOR SCHEDULE GENERAL NOTES

1. ALL EGRESS DOORS ARE TO HAVE HARDWARE COMPLYING WITH SECTION 1010.1.9 OBC. DOORS PROVIDING EGRESS SHALL BE OPERABLE FROM THE SIDE FROM WHICH EGRESS IS TO BE MADE WITHOUT USE OF A KEY OR SPECIAL KNOWLEDGE.
2. PROVIDE LEVER DOOR HARDWARE ON ALL SWING DOORS THROUGHOUT PROJECT.
3. ALL DOOR THRESHOLDS TO BE ADA/ANSI 117.1 COMPLIANT. INTERIOR DOOR THRESHOLDS TO BE MAXIMUM 1/4" BEVELED OR FLUSH PER OHFA UNIVERSAL DESIGN REQUIREMENTS.
4. EXTERIOR DOOR THRESHOLDS TO BE THERMALLY BROKEN.
5. VERIFY IN FIELD ALL EXISTING DOOR OPENING SIZES PRIOR TO ORDERING DOORS. ALL EXISTING OPENINGS MUST BE ASSUMED TO BE UNIQUE.
6. GENERAL CONTRACTOR SHALL VERIFY ALL DOOR KEYING WITH OWNER PRIOR TO ORDERING HARDWARE.
7. **DOOR UNDERCUTS** ARE TO BE COORDINATED w/ MECHANICAL ENGINEERS RETURN AIR REQUIREMENTS PRIOR ORDERING DOORS. REFER TO MECHANICAL DRAWINGS FOR DOOR UNDERCUT LOCATIONS.
8. PAINTED FINISHES AND PRE-FINISHED COLORS TO BE SELECTED BY ARCHITECT.
9. WHERE ELECTRONIC ACCESS CONTROL IS INDICATED, PROVIDE ELECTRIC STRIKE OR ELECTRIC LOCKS OPERATED BY KEY FOB. PROVIDE POWER TO REMOTE DOOR RELEASE, COORD. WITH ELECTRICAL DRAWINGS.
10. PROVIDE SAFETY GLAZING IN ALL DOORS CONTAINING GLASS, AND AS REQUIRED BY OBC SECTION 2406.4, AND WHERE INDICATED ON ELEVATIONS WITH SYMBOL BELOW.
    SG = SAFETY GLAZING
11. PROVIDE DOOR STOPS AT ALL INTERIOR DWELLING UNIT DOORS.
12. PROVIDE THRESHOLDS AT ALL BATHROOM DOORS.
13. PROVIDE THRESHOLDS AT ALL 90MIN FIRE RATED INTERIOR DOORS AT LOCATIONS WITH CONTINUOUS HARDWOOD FLOORING.
14. PROVIDE FIRE-RATED PEEP HOLE AT UNIT ENTRY DOORS. MOUNT PEEP HOLE AT 44" AT TYPE 'A' ANSI UNIT ENTRY DOOR AND AT 56" AT ALL OTHER UNIT ENTRY DOORS.
15. PROVIDE FIRE-RATED SLIM PROFILE STEEL FRAME AT INTERIOR DOORS TO RECEIVE WOOD TRIM.

DOOR GRAPHIC KEY



TYPICAL DOOR LOCATION @ CORNER
- A0.4 1/2" = 1'-0"

DOOR SCHEDULE (1633 VINE)

DOOR NO.	LOCATION	HARDWARE SET	DOOR SIZE	DOOR MATERIAL	FRAME MATERIAL	FIRE RATING	DOOR STYLE	EXISTING OR NEW DOOR	NOTES
			TYPICAL UNIT DOORS*:						
1	BEDROOM	b	3'-0" X 6'-8"	SOLID CORE	WOOD	-	AA	NEW	NEW DOOR IN NEW FRAMED OPENING
2	BATHROOM	b	3'-0" X 6'-8"	SOLID CORE	WOOD	-	AA	NEW	NEW DOOR IN NEW FRAMED OPENING
3	BATHROOM	b	2'-10" X 6'-8"	SOLID CORE	WOOD	-	AA	NEW	NEW DOOR IN NEW FRAMED OPENING
4	SINGLE CLOSET	c	2'-6" X 6'-8"	SOLID CORE	WOOD	-	AA	NEW	NEW DOOR IN NEW FRAMED OPENING
5	SINGLE CLOSET	c	3'-0" X 6'-0"	SOLID CORE	WOOD	-	AA	NEW	NEW DOOR IN NEW FRAMED OPENING. V.I.F. HEIGHT ALLOWANCES AT LOW SLOPE CLG.
6	SINGLE CLOSET	c	2'-10" X 6'-8"	SOLID CORE	WOOD	-	AA	NEW	NEW DOOR IN MODIFIED FRAMED OPENING
7	PAIRED CLOSET	d	(2) 2'-0" X 6'-8"	SOLID CORE	WOOD	-	BB	NEW	NEW DOOR IN NEW FRAMED OPENING
8	PAIRED CLOSET	d	(2) 2'-4" X 6'-8"	SOLID CORE	WOOD	-	BB	NEW	NEW DOOR IN NEW FRAMED OPENING
9	PAIRED CLOSET	d	(2) 2'-6" X 6'-8"	SOLID CORE	WOOD	-	BB	NEW	NEW DOOR IN NEW FRAMED OPENING
10	MECHANICAL CLOSET	a	3'-0" X 6'-8"	SOLID CORE	WOOD	-	AA	NEW	NEW DOOR IN NEW FRAMED OPENING. KEYED LANDLORD ACCESS ONLY
11	UNIT ENTRY	e	EXISTING V.I.F.	STEEL	STEEL	90 MIN	DD	NEW	NEW FIRE-RATED DOOR IN EXISTING OPENING
12	UNIT ENTRY	e	EXISTING V.I.F.	STEEL	STEEL	90 MIN	EE	NEW	NEW FIRE-RATED DOOR IN EXISTING OPENING WITH EXISTING TRANSOM.
			OTHER INTERIOR DOORS:						
101	STAIR 'B' DOOR	r	EXISTING V.I.F.	STEEL	STEEL	90 MIN.	DD	NEW	NEW FIRE-RATED DOOR IN EXISTING OPENING
102	STAIR 'B' DOOR	r	EXISTING V.I.F.	STEEL	STEEL	90 MIN.	EE	NEW	NEW FIRE-RATED DOOR IN EXISTING FRAMED OPENING WITH EXISTING TRANSOM.
103	COMMERCIAL RESTROOM	b	3'-0" X 6'-8"	SOLID CORE	WOOD	-	AA	NEW	NEW DOOR IN NEW FRAMED OPENING
104	STAIR 'A' DOOR	g	±2'-10" X ±6'-8" V.I.F.	WOOD	WOOD	-	HH	EXISTING	EXISTING DOOR TO REMAIN. NEW HARDWARE
301	STAIR 'B' DOOR	f	±2'-8" x ±7'-0" V.I.F.	SOLID CORE	WOOD	-	AA	NEW	NEW DOOR IN EXISTING FRAMED OPENING AT STAIR.
401	STAIR 'B' DOOR - ATTIC	h	3'-0" x ±6'-0" V.I.F.	STEEL	STEEL	90 MIN.	DD	NEW	NEW FIRE-RATED DOOR IN NEW FRAMED OPENING. V.I.F. HEIGHT ALLOWANCES AT LOW SLOPE CLG.
402	STAIR 'B' DOOR - ATTIC	h	±2'-8" x ±6'-8" V.I.F.	STEEL	STEEL	90 MIN.	DD	NEW	NEW FIRE-RATED DOOR IN NEW FRAMED OPENING. V.I.F. HEIGHT ALLOWANCES AT LOW SLOPE CLG. AND WIDTH ALLOWANCES AT STAIR LANDING.
403	STAIR 'B' DOOR - ATTIC	h	2'-8" x ±6'-8" V.I.F.	STEEL	STEEL	90 MIN.	DD	NEW	NEW FIRE-RATED DOOR IN NEW FRAMED OPENING. V.I.F. HEIGHT ALLOWANCES AT LOW SLOPE CLG.
404	ATTIC INTERIOR	EXISTING	EXISTING V.I.F.	WOOD	WOOD	-	HH	EXISTING	EXISTING DOOR TO REMAIN
405	ATTIC INTERIOR	EXISTING	EXISTING V.I.F.	WOOD	WOOD	-	HH	EXISTING	EXISTING DOOR TO REMAIN
			EXTERIOR DOORS:						
105	COMMERCIAL ENTRY AT VINE	i	3'-0" X 8'-6"	ALUMINUM / GLASS	ALUMINUM	-	E	NEW	NEW STOREFRONT DOOR. PROVIDE MAIL SLOT FOR COMMERCIAL TENANT.
106	RESIDENTIAL ENTRY	k	±3'-0" X ±8'-0" V.I.F.	ALUMINUM CLAD WOOD / GLASS	ALUMINUM CLAD WOOD	-	B	NEW	NEW DOOR AND FRAME W/ TRANSOM IN EXISTING M.O. - V.I.F. TO MATCH HISTORIC ELEMENTS AT ADJACENT EXTERIOR DOOR.
107	COMMERCIAL ENTRY AT RUSS ALLEY	i	±3'-0" X ±8'-0" V.I.F.	ALUMINUM CLAD WOOD / GLASS	ALUMINUM CLAD WOOD	-	A	NEW	NEW DOOR AND FRAME W/ EXISTING TRANSOM AND BRICKMOULD (WITHIN EXIST. M.O.)
108	RESIDENTIAL ENTRY UNIT 201	l	±3'-0" X 7'-0" V.I.F.	ALUMINUM CLAD WOOD / GLASS	ALUMINUM CLAD WOOD	-	C	NEW	NEW DOOR AND FRAME WITH TRANSOM IN EXISTING M.O.
109	RESIDENTIAL ENTRY UNIT 101	l	3'-0" X 7'-0"	ALUMINUM CLAD WOOD	ALUMINUM CLAD WOOD	-	D	NEW	NEW DOOR IN NEW FRAMED OPENING
110	RESIDENTIAL GATE AT VINE	n	3'-6" X 6'-0"	ALUMINUM	ALUMINUM	-	BBB	NEW	CUSTOM GATE IN NEW ALUMINUM PRIVACY FENCE
111	RESIDENTIAL GATE AT REPUBLIC	o	3'-6" X 6'-0"	ALUMINUM	ALUMINUM	-	BBB	NEW	CUSTOM GATE IN NEW ALUMINUM PRIVACY FENCE
201	DOUBLE DOORS UNIT 201	EXISTING	EXISTING V.I.F.	WOOD	WOOD	-	N	EXISTING	EXISTING DOUBLE DOORS AND FRAME IN EXISTING OPENING

*NOTE: TYPICAL DWELLING UNIT DOORS ARE NOT INDIVIDUALLY SCHEDULED (MULTIPLE INSTANCES OF EACH DOOR CODE OCCURS), REFER TO NEW WORK PLANS.

HARDWARE SCHEDULE

HARDWARE TYPE	TYPICAL LOCATION	LOCK STYLE	DESCRIPTION/FUNCTION
a	DWELLING UNIT MECH. CLOSET DOOR	STOREROOM	LEVER HANDLE. KEYED ENTRY. FREE EGRESS. CLOSER WHERE LOCATED ON FIRE-RATED DOORS. LANDLORD ACCESS ONLY.
b	BEDROOM DOOR / RESIDENTIAL AND COMMERCIAL BATHROOM	PRIVACY	LEVER HANDLE WITH LATCH. PRIVACY PUSH BUTTON. PROVIDE CLOSER AT COMMERCIAL RESTROOM. <u>OMIT PRIVACY PUSH BUTTON / LOCK AT 1623 VINE UNITS 4, 8, 12 BATHROOM DOORS.</u>
c	CLOSET DOOR	PASSAGE	LEVER HANDLE WITH LATCH, NO LOCK
d	INTERIOR DOUBLE CLOSET DOORS	DUMMY	LEVER HANDLE WITHOUT MECHANISM. PROVIDE BALL CATCH.
e	DWELLING UNIT ENTRY	PASSAGE W/ DEADBOLT	THUMBTURN ON UNIT INTERIOR. LEVER HANDLE AND PEEP HOLE. FREE EGRESS FROM UNIT SIDE. CLOSER. NOTE: LEVER OVERRIDES THUMBTURN LOCK.
f	UNOCCUPIED ATTIC ACCESS	STOREROOM	LEVER HANDLE. KEYED ENTRY. FREE EGRESS. CLOSER WHERE LOCATED ON FIRE-RATED DOORS. LANDLORD ACCESS ONLY.
g	BASEMENT / UTILITY CLOSET DOOR	STOREROOM	ALWAYS UNLOCKED FROM STORAGE SIDE (IN DIRECTION OF EGRESS). LOCKABLE FROM OUTSIDE OF STORAGE AREA. PROVIDE CLOSER AT EXTERIOR DOORS AND RATED INTERIOR DOORS. LEVER HANDLE.
h	INTERIOR DOOR	PASSAGE	LEVER HANDLE WITH LATCH, NO LOCK. FREE EGRESS. PROVIDE CLOSER AT EXTERIOR DOORS AND RATED INTERIOR DOORS.
i	COMMERCIAL ENTRY	COMMERCIAL ENTRY	KEYED LEVER, CLOSER, FREE EGRESS.
j	COMMERCIAL ENTRY W/ PANIC	COMMERCIAL ENTRY	KEYED LEVER, PANIC HARDWARE, CLOSER, FREE EGRESS. WHERE APPLICABLE, THE "SIDELIGHT" DOOR IS NON-OPERABLE - NO HINGES, LEVERS, LOCK, OR CLOSER.
k	RESIDENTIAL MAIN ENTRY	STOREROOM	KEYED LEVER, ELECTRIC LOCK (FAIL SAFE) TIED TO INTERCOM W/ WALL-MOUNTED FOB READER. FREE EGRESS. CLOSER.
l	DWELLING UNIT ENTRY (EXTERIOR)	PASSAGE W/ DEADBOLT	THUMBTURN ON UNIT INTERIOR. LEVER HANDLE. FREE EGRESS FROM UNIT SIDE. CLOSER.
m	RESIDENTIAL SECONDARY ENTRY	STOREROOM	KEYED LEVER, ELECTRIC LOCK (FAIL SAFE) W/ WALL-MOUNTED FOB READER. FREE EGRESS. CLOSER.
n	RESIDENTIAL GATE	STOREROOM	KEYED LEVER, FREE EGRESS, CLOSER. ELECTRIC LOCK (FAIL SAFE) TIED TO INTERCOM W/ GATE-MOUNTED FOB READER.
o	RESIDENTIAL GATE	STOREROOM	KEYED LEVER, FREE EGRESS, CLOSER. ELECTRIC LOCK (FAIL SAFE) W/ GATE-MOUNTED FOB READER.
p	AUTOMATIC RESIDENTIAL GATE	STOREROOM	KEYED LEVER, FREE EGRESS, CLOSER. ELECTRIC LOCK (FAIL SAFE) TIED TO INTERCOM W/ GATE-MOUNTED FOB READER. PROVIDE DOOR ACTUATOR. SEE ELEVATIONS FOR ACTUATOR BUTTON LOCATIONS.
q	NOT USED		
r	COMMERCIAL DOOR	STOREROOM	KEYED LEVER BOTH SIDES. CLOSER.
s	INTERIOR DOOR W/ PANIC	PASSAGE	LEVER HANDLE WITH LATCH, NO LOCK. FREE EGRESS. CLOSER. PANIC HARDWARE.

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09.21.2023 OHFA PRELIM. SUBMISSION

DOOR SCHEDULE

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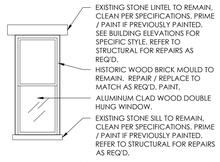
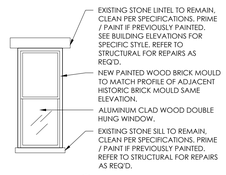
WINDOW TYPES

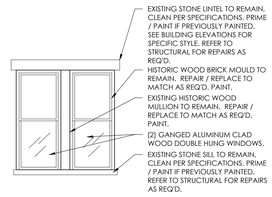
NOTE: REFER TO NEW WORK PLAN HISTORIC AND/OR KEY NOTES FOR INTERIOR TRIM CONDITION.



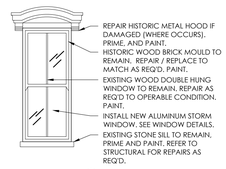
1
NEW ALUMINUM CLAD DOUBLE HUNG WINDOW INSTALLED WITHIN HISTORIC WOOD WEIGHT BOX (1 OVER 1)



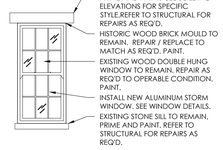
2
NEW ALUMINUM CLAD DOUBLE HUNG WINDOW INSTALLED WITHIN HISTORIC MASONRY OPENING (1 OVER 1)



3
NEW GANGED ALUMINUM CLAD DOUBLE HUNG WINDOW INSTALLED WITHIN HISTORIC WOOD WEIGHT BOX (1 OVER 1)

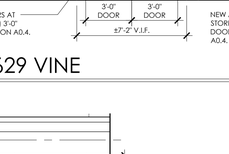


4
EXISTING HISTORIC WOOD DOUBLE HUNG WINDOW WITH NEW STORM WINDOW (2 OVER 2)



5
EXISTING HISTORIC WOOD DOUBLE HUNG WINDOW WITH NEW STORM WINDOW (6 OVER 6)

6
NEW WOOD HISTORIC REPLICA DOUBLE HUNG WINDOW (6 OVER 6)



7
EXISTING HISTORIC WOOD DOUBLE HUNG WINDOW WITH NEW STORM WINDOW (4 OVER 4)

8
NEW ALUMINUM CLAD FIXED CLERESTORY WINDOW INSTALLED WITHIN NEW FRAMED OPENING

9
NEW ALUMINUM CLAD DOUBLE HUNG WINDOW INSTALLED WITHIN EXISTING NON-HISTORIC MASONRY OPENING (1 OVER 1)

10
NEW ALUMINUM CLAD DOUBLE HUNG WINDOW INSTALLED WITHIN HISTORIC WOOD WEIGHT BOX - ARCHED M.O. (1 OVER 1)

WINDOW SCHEDULE - 1625, 1629, 1633 VINE

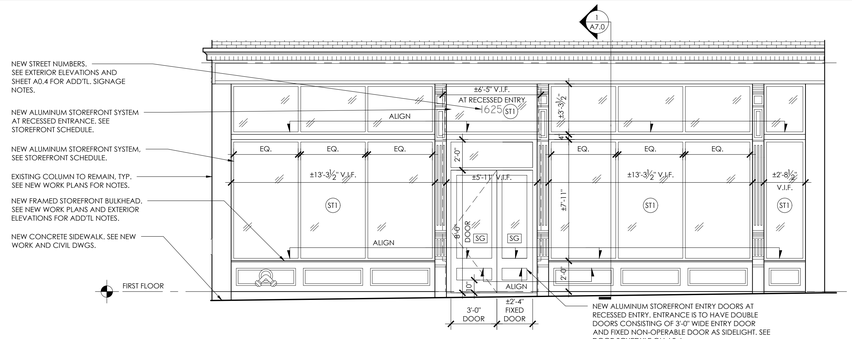
NOTE: REFER TO NEW WORK PLAN HISTORIC AND/OR KEYED NOTES FOR INTERIOR TRIM CONDITION. DOCUMENT INTERIOR TRIM CONDITION BEFORE REMOVING EXISTING WINDOW.

WINDOW TYPE	OPENING INFORMATION			WINDOW UNIT						NOTES
	NEW	EXIST	TYPE	NEW	EXIST	MFR. / LINE	MATERIAL	OPERATION	DETAILS	
1		•	MASONRY	•		TRIMLINE	ALUMINUM CLAD WOOD	DOUBLE HUNG	SHEET A0.5A	
2		•	MASONRY	•		TRIMLINE	ALUMINUM CLAD WOOD	DOUBLE HUNG	SHEET A0.5 SIMILAR	WINDOW EXTERIOR CONDITION / INSTALLATION TO MATCH ADJACENT HISTORIC - SAME ELEVATION.
3		•	MASONRY	•		TRIMLINE	ALUMINUM CLAD WOOD	(2) GANGED DOUBLE HUNG	SHEET A0.5A	
4		•	MASONRY		•	-	EXIST. WOOD	DOUBLE HUNG	-	INSTALL NEW EXTERIOR ALUMINUM STORM WINDOW. SEE GENERAL NOTES THIS SHEET FOR ADDITIONAL INFORMATION.
5		•	MASONRY		•	-	EXIST. WOOD	DOUBLE HUNG	-	INSTALL NEW EXTERIOR ALUMINUM STORM WINDOW. SEE GENERAL NOTES THIS SHEET FOR ADDITIONAL INFORMATION.
6		•	MASONRY	•		CUSTOM	WOOD	DOUBLE HUNG	-	INSTALL NEW CUSTOM WOOD WINDOW AND WOOD BRICK MOULD TO MATCH EXISTING ADJACENT HISTORIC WINDOW (WINDOW TYPE 5). INSTALLATION TO MATCH HISTORIC INSTALLATION.
7		•	MASONRY		•	-	EXIST. WOOD	DOUBLE HUNG	-	INSTALL NEW EXTERIOR ALUMINUM STORM WINDOW. SEE GENERAL NOTES THIS SHEET FOR ADDITIONAL INFORMATION.
8	•		FRAMED	•		TRIMLINE	ALUMINUM CLAD WOOD	FIXED	-	
9		•	MASONRY	•		TRIMLINE	ALUMINUM CLAD WOOD	DOUBLE HUNG	SHEET A0.5 SIMILAR	WINDOW EXTERIOR CONDITION / INSTALLATION TO MATCH ADJACENT HISTORIC - SAME ELEVATION.
10		•	MASONRY	•		TRIMLINE	ALUMINUM CLAD WOOD	DOUBLE HUNG	SHEET A0.5A	

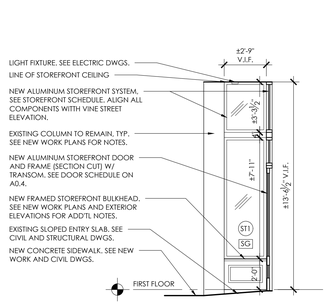
STOREFRONT SCHEDULE - 1625, 1629, 1633 VINE

STOREFRONT CODE	NEW	EXIST	BUILDING	ELEVATION	MATERIAL	NOTES
ST1	•		1625 VINE	1/A6.0 & 1/A6.1	ALUMINUM	NEW THERMALLY BROKEN ALUMINUM STOREFRONT SYSTEM IN EXISTING OPENINGS. BASIS OF DESIGN: KAWNEER TRIFAB 451T, FACTORY PAINTED FINISH - TO BE SELECTED BY ARCHITECT. STRUCTURAL DESIGN OF STOREFRONT FRAMING SYSTEM TO BE DELEGATED DESIGN TO STOREFRONT CONTRACTOR. PROVIDE ENGINEERED, STAMPED SHOP DRAWINGS FOR REVIEW.
			1629 VINE	1/A6.0 & 1/A6.3		
			1633 VINE	1/A6.0		

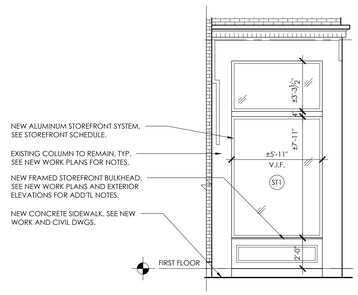
STOREFRONT WINDOWS



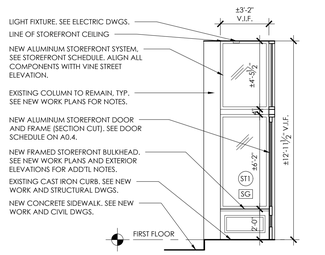
1 A0.5 — STOREFRONT - EAST ELEVATION @ 1625 VINE
1/4" = 1'-0"



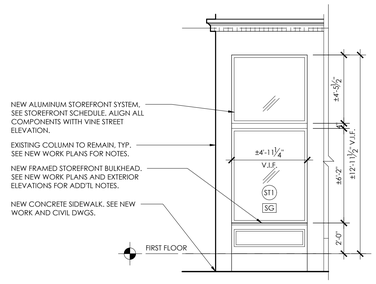
2 A0.5 — STOREFRONT - ELEVATION RECESSED SIDE @ 1625 VINE
1/4" = 1'-0"



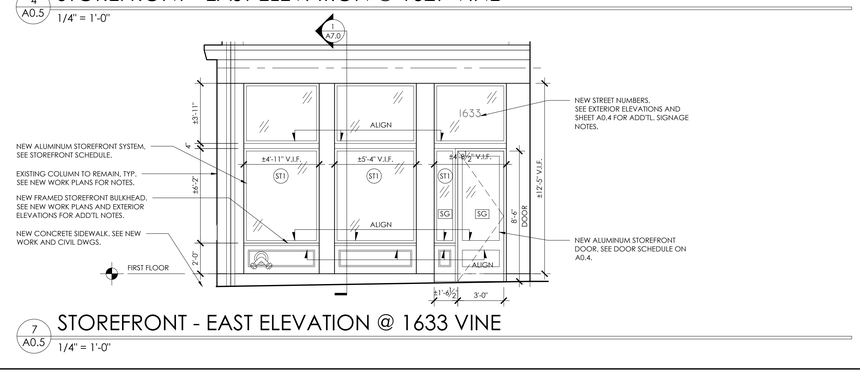
3 A0.5 — STOREFRONT ELEVATION SOUTH @ 1625 VINE
1/4" = 1'-0"



5 A0.5 — STOREFRONT - ELEVATION RECESSED SIDE @ 1629 VINE
1/4" = 1'-0"



6 A0.5 — STOREFRONT - ELEVATION NORTH @ 1629 VINE
1/4" = 1'-0"



7 A0.5 — STOREFRONT - EAST ELEVATION @ 1633 VINE
1/4" = 1'-0"

WINDOW & STOREFRONT GENERAL NOTES

1. VERIFY IN FIELD ALL EXISTING AND NEW ROUGH OPENING DIMENSIONS.
2. STOREFRONT PAINTING: FOR BIDDING PURPOSES, ASSUME THAT STOREFRONT BULKHEAD WALL, COLUMNS, LINTEL, ETC., WILL BE PAINTED AT LEAST (3) DIFFERENT COLORS PER BUILDING. COLORS AND LOCATIONS OF COLORS TBD BY ARCHITECT.
3. NEW WINDOWS ARE TO FULLY FIT HISTORIC WINDOW OPENINGS. PROVIDE CUSTOM WINDOWS AS REQUIRED.
4. PROVIDE NEW FULL INSECT SCREENS AT ALL NEW OPERABLE WINDOWS. INSECT SCREENS SHALL COVER THE ENTIRE WINDOW INCLUDING ANY FIXED OR INOPERABLE SASHES. COLOR TO MATCH WINDOWS.
5. PROVIDE CONCEALED JAMB LINERS AT ALL NEW OPERABLE WINDOWS.
6. NEW WINDOWS TO BE FACTORY-FINISHED ALUMINUM. COLOR TO BE SELECTED BY THE ARCHITECT FROM MANUFACTURER'S FULL RANGE OF STANDARD COLORS. INTERIOR TO BE FACTORY PRIMED AND FIELD PAINTED. PAINT COLOR - BLACK.
7. PROVIDE SAFETY GLAZING AT LOCATIONS INDICATED ON THE NEW WORK ELEVATIONS AND AS REQUIRED BY SECTION 2406.4 OBC - INCLUDING, BUT NOT LIMITED TO:
   - GLAZING IN DOORS.
   - GLAZING W/ IN 24" OF EITHER VERTICAL EDGE OF DOOR IN CLOSED POSITION.
   - GLAZING WHERE BOTTOM EDGE OF PANEL IS LESS THAN 18" AFF.
   - GLAZING ADJACENT TO STAIR & RAMP LANDINGS, STAIRS, RAMPS, AND FIRE ESCAPE LANDINGS.
   - GLAZING ADJACENT TO BATHTUBS AND SHOWERS.
4. ALL EXTERIOR WINDOWS AND STOREFRONT TO HAVE LOW E, INSULATED GLASS UNIT, CLEAR. MEETING PROJECT SUSTAINABILITY REQUIREMENTS.
5. WINDOW SASHES LOCATED WITHIN 5'-0" OF EXHAUST VENT ARE TO BE FIXED AND NON-OPERABLE. COORDINATE LOCATIONS WITH MECHANICAL DRAWINGS.
6. **WINDOW OPENING CONTROL DEVICES:** PER OBC 1015.8 & 1015.8.1, OPERABLE WINDOWS WHERE THE TOP OF THE SILL IS LOCATED LESS THAN 36" AFF, AND MORE THAN 72" ABOVE GRADE OR OTHER SURFACE ON THE EXTERIOR OF THE BUILDING, SHALL BE PROVIDED WITH *WINDOW OPENING CONTROL DEVICES* THAT COMPLY WITH ASTM F 2090. AFTER OPERATION TO RELEASE THE CONTROL DEVICE, THE WINDOW SHALL BE OPENABLE TO ITS FULL OPEN POSITION. (VERIFY WINDOW SILL HEIGHTS IN FIELD.)
7. PROVIDE NEW HORIZONTAL LOUVER BLINDS AT THE INTERIOR OF DWELLING UNIT WINDOWS. SEE SPECIFICATIONS.
8. PROVIDE NEW FULL HEIGHT STORM WINDOWS WITH OPERABLE 1/2 SCREEN AT ALL OPERABLE HISTORIC WINDOWS TO REMAIN. STORM WINDOWS SHOULD NOT COVER BRICK MOULD AND MEETING RAIL SHALL ALIGN WITH HISTORIC WINDOW RAIL. BASIS OF DESIGN - ALLIED WINDOW INC. HISTORIC ONE LITE WITH SCREEN. COLOR AND FINISH TO BE SELECTED BY ARCHITECT.

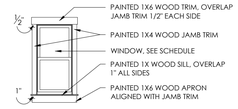
WINDOW LOCK ACCESSIBILITY:

1. PROVIDE EXTENDED REACH RANGE LOCK AT ALL OPERABLE WINDOWS IN ACCESSIBLE DWELLING UNITS. SEE NEW WORK PLANS FOR LOCATIONS OF ACCESSIBLE UNITS.

WINDOW & STOREFRONT GRAPHIC LEGEND

TYPICAL NEW INTERIOR WINDOW TRIM DETAILS

REFER TO HISTORIC KEY NOTES ON NEW WORK PLANS FOR INTERIOR WINDOW TRIM VARIATIONS AND INSTRUCTIONS. FOR WINDOWS WITH HISTORIC NOTE #4 (NEW CONTEMPORARY WINDOW TRIM), PROVIDE NEW WOOD TRIM PER BELOW



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WINDOW AND STOREFRONT SCHEDULE AND ELEVATIONS

A0.5

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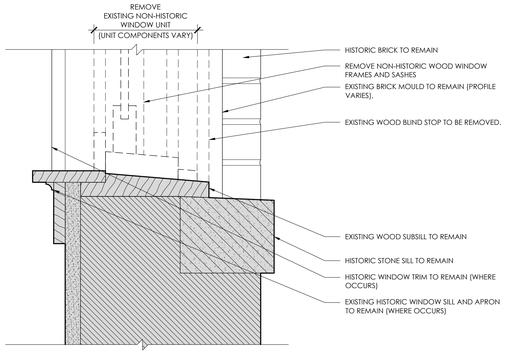
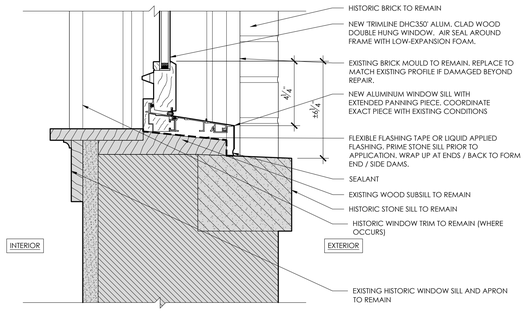


TYPICAL EXISTING ELEVATION SILL DETAIL

4 A0.5a — 3" = 1'-0"

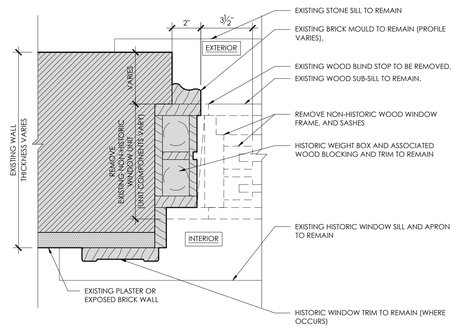
EXISTING WINDOW SILL DETAIL SHOWN FOR REFERENCE ONLY - VERIFY EXISTING CONDITIONS IN FIELD



TYPICAL NEW ELEVATION SILL DETAIL

5 A0.5a — 3" = 1'-0"

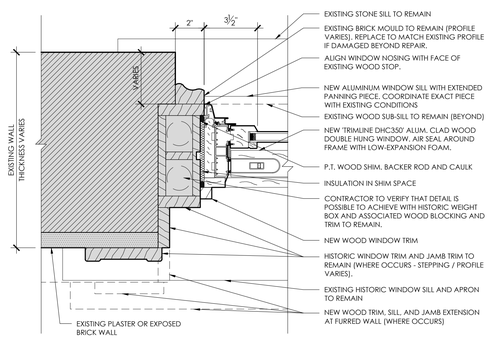
WALL, TRIM, AND SILL CONDITIONS VARY @ INTERIOR - SEE PLANS AND HISTORIC KEYNOTES. VERIFY EXISTING CONDITIONS IN FIELD



TYPICAL EXISTING ELEVATION JAMB DETAIL

1 A0.5a — 3" = 1'-0"

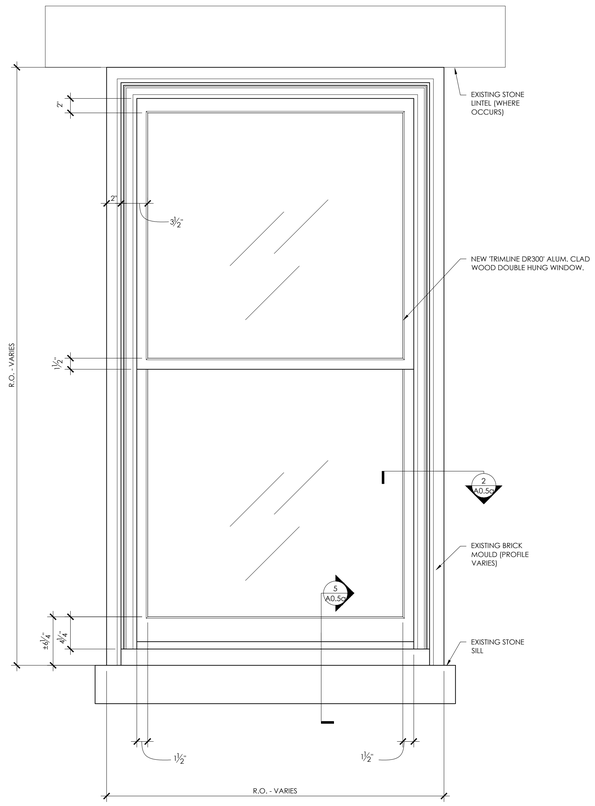
EXISTING WINDOW JAMB DETAIL SHOWN FOR REFERENCE ONLY - VERIFY EXISTING CONDITIONS IN FIELD



TYPICAL NEW ELEVATION JAMB DETAIL

2 A0.5a — 3" = 1'-0"

WALL, TRIM, AND SILL CONDITIONS VARY @ INTERIOR - SEE PLANS AND HISTORIC KEYNOTES. VERIFY EXISTING CONDITIONS IN FIELD



TYPICAL NEW WINDOW ELEVATION

3 A0.5a — 1-1/2" = 1'-0"

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1631- 1633 VINE STREET, 1630 REPUBLIC STREET
(1633 VINE STREET HPTC APPLICATION)
CINCINNATI, OH 45202

3CDC CINCINNATI CENTER CITY DEVELOPMENT CORPORATION

ISSUE LOG:

06.02.2023
ISSUE FOR PERMIT

⚠ 07.14.2023
PERMIT REVISION 1

09.21.2023
OHFA PRELIM. SUBMISSION

WINDOW DETAILS

A0.5a

PRELIMINARY:
NOT FOR CONSTRUCTION

ARCHITECTURAL SPECIFICATIONS

00 - PROCUREMENT AND CONTRACTING REQUIREMENTS

DOCUMENT 003126 - EXISTING HAZARDOUS MATERIAL INFORMATION

1.1 EXISTING HAZARDOUS MATERIAL INFORMATION

A. THIS DOCUMENT WITH ITS REFERENCED ATTACHMENTS IS PART OF THE PROCUREMENT AND CONTRACTING REQUIREMENTS FOR PROJECT. THEY PROVIDE OWNER'S INFORMATION FOR BIDDERS' CONVENIENCE AND ARE INTENDED TO SUPPLEMENT RATHER THAN SERVE IN LIEU OF BIDDERS' OWN INVESTIGATIONS. THEY ARE MADE AVAILABLE FOR BIDDERS' CONVENIENCE AND INFORMATION, BUT ARE NOT A WARRANTY OF EXISTING CONDITIONS. THIS DOCUMENT AND ITS ATTACHMENTS ARE NOT PART OF THE CONTRACT DOCUMENTS.

B. AN EXISTING ASBESTOS REPORT FOR PROJECT, PREPARED BY ECOSTRATUM, LLC, PROJECT NO. 046-0323-1034-4, DATED MAY 2023, IS AVAILABLE FOR VIEWING UPON REQUEST AND AT THE OFFICE OF OWNER.

C. BIDDER SHALL INCLUDE ABATEMENT WORK IN THE CONTRACT SUM.

01 - GENERAL REQUIREMENTS

SECTION 010000 - GENERAL REQUIREMENTS

1.1 SUMMARY

A. SPECIFICATIONS APPLY TO THE WORK OF REHABILITATING THREE PROPERTIES: 1625 VINE, 1629 VINE AND 1633 VINE.

B. DIVISION 01 GENERAL REQUIREMENTS: REQUIREMENTS OF THIS SECTIONS APPLY TO THE WORK OF ALL SECTIONS IN THE SPECIFICATIONS.

C. PROJECT IS AN OHFA FUNDED PROJECT. THE DESIGN AND FEATURES FORM (DFF) AND THE UNIVERSAL DESIGN CHECKLIST IS INCLUDED IN THE DRAWINGS.

D. RELATED REQUIREMENTS:

1. SECTION 018113 SUSTAINABLE DESIGN REQUIREMENTS: THIS SECTION APPLIES TO EVERY OTHER SECTION IN THE PROJECT. CONTRACTOR SHALL REVIEW AND COORDINATE REQUIREMENTS WITH OTHER SPECIFICATION SECTIONS TO ENSURE COMPLIANCE. COORDINATE WORK WITH REQUIRED CERTIFICATION PROCESSES, SUBMITTALS, RATER/VERIFIERS REVIEW AND INSPECTIONS, AND INDEPENDENT TESTING.
   a. INTERIOR ADHESIVES, SEALANTS, PAINTS, COATINGS AND PRIMERS: VOC CONTENT LESS THAN OR EQUAL TO SCAQMD 1168 THRESHOLDS. REFER TO SECTION 018113.
2. SECTION 013591 HISTORIC TREATMENT PROCEDURES: HISTORIC TAX CREDITS ARE BEING PURSUED FOR THIS PROJECT.

E. DIVISION 02 THROUGH 14 SECTIONS ARE COMPREHENSIVE IN NATURE AND NOT ALL PORTIONS MAY APPLY TO THE PROJECT. REFER TO DRAWINGS FOR DEFINITION OF PROJECT SCOPE.

F. WEB-BASED PROJECT MANAGEMENT SOFTWARE PACKAGE: PROVIDE A COPY OF PROJECT FILE TO OWNER AND ARCHITECT AT THE COMPLETION OF THE PROJECT.

1.2 ALLOWANCES, UNIT PRICES AND ALTERNATES

A. UNIT PRICE UP1: PROVIDE UNIT PRICING TO REPLACE DAMAGED ROOF SHEATHING WITH NEW, PER SQUARE FOOT.

B. MASONRY UNIT PRICES: SEE STRUCTURAL DRAWINGS.

1. UNIT PRICE UP2: PROVIDE UNIT PRICING FOR MASONRY TUCKPOINTING, PER LINEAL FOOT.
2. UNIT PRICE UP3: PROVIDE UNIT PRICING FOR MASONRY REPLACEMENT, PER SQUARE FOOT.
3. UNIT PRICE UP4: PROVIDE UNIT PRICING FOR MASONRY REPAIR, PER SQUARE FOOT.
4. UNIT PRICE UP5: PROVIDE UNIT PRICING FOR NEW MASONRY, PER SQUARE FOOT.

C. QUANTITY ALLOWANCE: INCLUDE 1,000 SQUARE FEET OF REMOVAL OF EXISTING DETERIORATED ROOF DECK SHEATHING AND REPLACEMENT WITH NEW ROOF SHEATHING MATERIAL AS SPECIFIED ON DRAWINGS.

D. ACCESS CONTROL ALLOWANCE: $5,000 PER BUILDING.

E. SKYLIGHT ALTERNATE: PROVIDE ADDED COST TO REMOVE EXISTING SKYLIGHT AND REPLACE WITH NEW THERMALLY BROKEN ALUMINUM FRAMING AND INSULATED SAFETY GLASS.

1.3 SUBSTITUTION PROCEDURES

A. SUBSTITUTION REQUESTS: IDENTIFY PRODUCT OR FABRICATION OR INSTALLATION METHOD TO BE REPLACED.

1. IDENTIFY PRODUCT TO BE REPLACED AND SHOW COMPLIANCE WITH REQUIREMENTS FOR SUBSTITUTIONS. INCLUDE A DETAILED COMPARISON OF SIGNIFICANT QUALITIES OF PROPOSED SUBSTITUTION WITH THOSE OF THE WORK SPECIFIED, A LIST OF CHANGES NEEDED TO OTHER PARTS OF THE WORK REQUIRED TO ACCOMMODATE PROPOSED SUBSTITUTION.

1.4 SUBMITTAL PROCEDURES

A. GENERAL SUBMITTAL PROCEDURE REQUIREMENTS: PREPARE AND SUBMIT SUBMITTALS REQUIRED BY SCHEDULE ON DRAWINGS.

1. ELECTRONIC SUBMITTALS: ASSEMBLE COMPLETE SUBMITTAL PACKAGE INTO A SINGLE INDEXED PDF FILE INCORPORATING SUBMITTAL REQUIREMENTS.
2. ARCHITECT WILL RETURN ANNOTATED FILE. ANNOTATE AND RETAIN ONE COPY OF FILE AS AN ELECTRONIC PROJECT RECORD DOCUMENT FILE.
3. OPTIONS: IDENTIFY OPTIONS REQUIRING SELECTION BY THE ARCHITECT.
4. DEVIATIONS: IDENTIFY DEVIATIONS FROM THE CONTRACT DOCUMENTS ON SUBMITTALS.

B. DELEGATED-DESIGN SERVICES: WHERE PROFESSIONAL DESIGN SERVICES OR CERTIFICATIONS BY A DESIGN PROFESSIONAL ARE SPECIFICALLY REQUIRED OF CONTRACTOR BY THE CONTRACT DOCUMENTS, PROVIDE PRODUCTS AND SYSTEMS COMPLYING WITH SPECIFIC PERFORMANCE AND DESIGN CRITERIA INDICATED.

C. CONTRACTOR'S REVIEW: REVIEW EACH SUBMITTAL AND CHECK FOR COORDINATION WITH OTHER WORK OF THE CONTRACT AND FOR COMPLIANCE WITH THE CONTRACT DOCUMENTS. NOTE CORRECTIONS AND FIELD DIMENSIONS. MARK WITH APPROVAL STAMP BEFORE SUBMITTING TO ARCHITECT OR CONSTRUCTION MANAGER.

D. ARCHITECT'S ACTION

1. GENERAL: ARCHITECT WILL NOT REVIEW SUBMITTALS THAT DO NOT BEAR CONTRACTOR'S APPROVAL STAMP AND WILL RETURN THEM WITHOUT ACTION.
2. SUBMITTALS: ARCHITECT WILL REVIEW EACH SUBMITTAL, MAKE MARKS TO INDICATE CORRECTIONS OR MODIFICATIONS REQUIRED, AND RETURN IT. ARCHITECT WILL STAMP EACH SUBMITTAL WITH AN ACTION STAMP AND WILL MARK STAMP APPROPRIATELY TO INDICATE ACTION. COMPLIANCE WITH SPECIFIED REQUIREMENTS REMAINS CONTRACTOR'S RESPONSIBILITY.

1.5 QUALITY REQUIREMENTS

A. TESTING AND INSPECTING SERVICES ARE REQUIRED TO VERIFY COMPLIANCE WITH REQUIREMENTS SPECIFIED OR INDICATED. THESE SERVICES DO NOT RELIEVE CONTRACTOR OF RESPONSIBILITY FOR COMPLIANCE WITH THE CONTRACT DOCUMENT REQUIREMENTS.

B. REFERENCED STANDARDS: IF COMPLIANCE WITH TWO OR MORE STANDARDS IS SPECIFIED, COMPLY WITH THE MOST STRINGENT REQUIREMENT. REFER CONFLICTING REQUIREMENTS THAT ARE DIFFERENT, BUT APPARENTLY EQUAL, TO ARCHITECT FOR A DECISION BEFORE PROCEEDING.

C. PROFESSIONAL ENGINEER QUALIFICATIONS: A PROFESSIONAL ENGINEER WHO IS LEGALLY QUALIFIED TO PRACTICE IN JURISDICTION WHERE PROJECT IS LOCATED AND WHO IS EXPERIENCED IN PROVIDING ENGINEERING SERVICES OF THE KIND INDICATED.

D. MOCKUPS: REFER TO MOCKUP SCHEDULE ON DRAWINGS. BEFORE INSTALLING PORTIONS OF THE WORK REQUIRING MOCKUPS, BUILD MOCKUPS FOR EACH FORM OF CONSTRUCTION AND FINISH REQUIRED TO COMPLY WITH THE FOLLOWING REQUIREMENTS, USING MATERIALS INDICATED FOR THE COMPLETED WORK.

1. OBTAIN ARCHITECT'S APPROVAL OF MOCKUPS BEFORE STARTING WORK, FABRICATION, OR CONSTRUCTION.

E. RETESTING/REINSPECTING: REGARDLESS OF WHETHER ORIGINAL TESTS OR INSPECTIONS WERE CONTRACTOR'S RESPONSIBILITY, PROVIDE QUALITY-CONTROL SERVICES, INCLUDING RETESTING AND REINSPECTING, FOR CONSTRUCTION THAT REPLACED WORK THAT FAILED TO COMPLY WITH THE CONTRACT DOCUMENTS USING LABORATORY FOR RETESTING AND REINSPECTING APPROVED BY ARCHITECT.

F. SPECIAL TESTS AND INSPECTIONS: OWNER WILL ENGAGE A QUALIFIED SPECIAL INSPECTOR TO CONDUCT SPECIAL TESTS AND INSPECTIONS REQUIRED BY AUTHORITIES HAVING JURISDICTION AS THE RESPONSIBILITY OF OWNER.

1.6 TEMPORARY FACILITIES AND CONTROLS

A. USE CHARGES: INSTALLATION AND REMOVAL OF AND USE CHARGES FOR TEMPORARY FACILITIES SHALL BE INCLUDED IN THE CONTRACT SUM UNLESS OTHERWISE INDICATED.

B. TEMPORARY FACILITIES INCLUDE: COMMON-USE FIELD OFFICE, STORAGE SHEDS, FIRE EXTINGUISHERS, HVAC EQUIPMENT, TEMPORARY UTILITY SERVICES AS APPLICABLE, TEMPORARY LIGHTING, HEATING, COOLING AND HUMIDITY CONTROL, WASTE DISPOSAL FACILITIES, SECURITY AND PROTECTION FACILITIES, PEST CONTROL, TEMPORARY FIRE PROTECTION, AND MOISTURE AND MOLD CONTROL.

1. INSTALL AND MAINTAIN TEMPORARY FIRE-PROTECTION FACILITIES.
2. COMPLY WITH NFPA 241.MOISTURE AND MOLD CONTROL
3. SANITARY FACILITIES: PROVIDE TEMPORARY TOILETS, WASH FACILITIES, AND DRINKING-WATER FIXTURES. COMPLY WITH REGULATIONS AND HEALTH CODES FOR TYPE, NUMBER, LOCATION, OPERATION, AND MAINTENANCE OF FIXTURES AND FACILITIES.

C. BEFORE INSTALLATION OF WEATHER BARRIERS, PROTECT MATERIALS FROM WATER DAMAGE AND KEEP POROUS AND ORGANIC MATERIALS FROM COMING INTO PROLONGED CONTACT WITH CONCRETE.

D. PEST CONTROL: ENGAGE PEST-CONTROL SERVICE TO RECOMMEND PRACTICES TO MINIMIZE ATTRACTION AND HARBORING OF RODENTS, ROACHES, AND OTHER PESTS AND TO PERFORM EXTERMINATION AND CONTROL PROCEDURES AT REGULAR INTERVALS SO PROJECT WILL BE FREE OF PESTS AND THEIR RESIDUES AT SUBSTANTIAL COMPLETION. PERFORM CONTROL OPERATIONS LAWFULLY, USING ENVIRONMENTALLY SAFE MATERIALS

1.7 PRODUCT REQUIREMENTS

A. COMPARABLE PRODUCT REQUESTS: SUBMIT REQUEST FOR CONSIDERATION OF EACH COMPARABLE PRODUCT. IDENTIFY PRODUCT OR FABRICATION OR INSTALLATION METHOD TO BE REPLACED.

1. SHOW COMPLIANCE WITH REQUIREMENTS FOR COMPARABLE PRODUCT REQUESTS.
2. ARCHITECT WILL REVIEW THE PROPOSED PRODUCT AND NOTIFY CONTRACTOR OF ITS ACCEPTANCE OR REJECTION.

B. COMPATIBILITY OF OPTIONS: IF CONTRACTOR IS GIVEN OPTION OF SELECTING BETWEEN TWO OR MORE PRODUCTS FOR USE ON PROJECT, SELECT PRODUCT COMPATIBLE WITH PRODUCTS PREVIOUSLY SELECTED.

C. PRODUCT DELIVERY, STORAGE, AND HANDLING: DELIVER, STORE, AND HANDLE PRODUCTS USING MEANS AND METHODS THAT WILL PREVENT DAMAGE, DETERIORATION, AND LOSS, INCLUDING THEFT AND VANDALISM. COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS.

D. PRODUCT WARRANTIES: WARRANTIES SPECIFIED IN OTHER SECTIONS SHALL BE IN ADDITION TO, AND RUN CONCURRENT WITH, OTHER WARRANTIES REQUIRED BY THE CONTRACT DOCUMENTS. MANUFACTURER'S DISCLAIMERS AND LIMITATIONS ON PRODUCT WARRANTIES DO NOT RELIEVE CONTRACTOR OF OBLIGATIONS UNDER REQUIREMENTS OF THE CONTRACT DOCUMENTS.

E. PROVIDE PRODUCTS THAT COMPLY WITH THE CONTRACT DOCUMENTS, ARE UNDAMAGED, AND, UNLESS OTHERWISE INDICATED, ARE NEW AT THE TIME OF INSTALLATION. PROVIDE PRODUCTS COMPLETE WITH ACCESSORIES, TRIM, FINISH, AND OTHER DEVICES AND COMPONENTS NEEDED FOR A COMPLETE INSTALLATION AND THE INTENDED USE AND EFFECT.

1.8 EXECUTION REQUIREMENTS

A. CUTTING AND PATCHING: EMPLOY SKILLED WORKERS TO PERFORM CUTTING AND PATCHING. PROCEED WITH CUTTING AND PATCHING AT THE EARLIEST FEASIBLE TIME, AND COMPLETE WITHOUT DELAY. CUT IN-PLACE CONSTRUCTION TO PROVIDE FOR INSTALLATION OF OTHER COMPONENTS OR PERFORMANCE OF OTHER CONSTRUCTION, AND SUBSEQUENTLY PATCH AS REQUIRED TO RESTORE SURFACES TO THEIR ORIGINAL CONDITION.

B. MANUFACTURER'S INSTALLATION INSTRUCTIONS: OBTAIN AND MAINTAIN ON-SITE MANUFACTURER'S WRITTEN RECOMMENDATIONS AND INSTRUCTIONS FOR INSTALLATION OF PRODUCTS AND EQUIPMENT.

C. MATERIALS:

1. IN-PLACE MATERIALS: USE MATERIALS FOR PATCHING IDENTICAL TO IN-PLACE MATERIALS. FOR EXPOSED SURFACES, USE MATERIALS THAT VISUALLY MATCH IN-PLACE ADJACENT SURFACES TO THE FULLEST EXTENT POSSIBLE.
2. CLEANING AGENTS: USE CLEANING MATERIALS AND AGENTS RECOMMENDED BY MANUFACTURER OR FABRICATOR OF THE SURFACE TO BE CLEANED. DO NOT USE CLEANING AGENTS THAT ARE POTENTIALLY HAZARDOUS TO HEALTH OR PROPERTY OR THAT MIGHT DAMAGE FINISHED SURFACES.

D. EXAMINATION AND PREPARATION

1. EXISTING CONDITIONS: THE EXISTENCE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES AND CONSTRUCTION INDICATED AS EXISTING ARE NOT GUARANTEED. BEFORE BEGINNING SITEWORK, INVESTIGATE AND VERIFY THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITIES, AND OTHER CONSTRUCTION AFFECTING THE WORK.
2. BEFORE PROCEEDING WITH EACH COMPONENT OF THE WORK, EXAMINE SUBSTRATES, AREAS, AND CONDITIONS, WITH INSTALLER OR APPLICATOR PRESENT WHERE INDICATED, FOR COMPLIANCE WITH REQUIREMENTS FOR INSTALLATION TOLERANCES AND OTHER CONDITIONS AFFECTING PERFORMANCE.
3. TAKE FIELD MEASUREMENTS AS REQUIRED TO FIT THE WORK PROPERLY. WHERE PORTIONS OF THE WORK ARE INDICATED TO FIT TO OTHER CONSTRUCTION, VERIFY DIMENSIONS OF OTHER CONSTRUCTION BY FIELD MEASUREMENTS BEFORE FABRICATION.
4. VERIFY SPACE REQUIREMENTS AND DIMENSIONS OF ITEMS SHOWN DIAGRAMMATICALLY ON DRAWINGS.
5. BEFORE PROCEEDING TO LAY OUT THE WORK, VERIFY LAYOUT INFORMATION SHOWN ON DRAWINGS, IN RELATION TO THE PROPERTY SURVEY AND EXISTING BENCHMARKS.

E. INSTALLATION

1. LOCATE THE WORK AND COMPONENTS OF THE WORK ACCURATELY, IN CORRECT ALIGNMENT AND ELEVATION, AS INDICATED.
2. COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS AND RECOMMENDATIONS.
3. ATTACHMENT: PROVIDE BLOCKING AND ATTACHMENT PLATES AND ANCHORS AND FASTENERS OF ADEQUATE SIZE AND NUMBER TO SECURELY ANCHOR EACH COMPONENT IN PLACE. WHERE SIZE AND TYPE OF ATTACHMENTS ARE NOT INDICATED, VERIFY SIZE AND TYPE REQUIRED FOR LOAD CONDITIONS.
4. JOINTS: MAKE JOINTS OF UNIFORM WIDTH. WHERE JOINT LOCATIONS IN EXPOSED WORK ARE NOT INDICATED, ARRANGE JOINTS FOR THE BEST VISUAL EFFECT. FIT EXPOSED CONNECTIONS TOGETHER TO FORM HAIRLINE JOINTS.
5. USE PRODUCTS, CLEANERS, AND INSTALLATION MATERIALS THAT ARE NOT CONSIDERED HAZARDOUS OR DAMAGING. REPAIR OR REMOVE AND REPLACE DEFECTIVE CONSTRUCTION. RESTORE DAMAGED SUBSTRATES AND FINISHES. RESTORE PERMANENT FACILITIES USED DURING CONSTRUCTION TO THEIR SPECIFIED CONDITION.

SECTION 013591 - HISTORIC TREATMENT PROCEDURES

1.1 GENERAL

A. OWNER'S HISTORIC PRESERVATION TAX CREDIT PROGRAM: STATE AND FEDERAL HISTORIC TAX CREDITS ARE BEING PURSUED FOR THE PROJECT.

B. DESCRIPTION OF REHABILITATION: WORK SHALL COMPLY WITH HISTORIC PRESERVATION CERTIFICATION APPLICATION PART 2 DOCUMENTS FOR THE PROJECT WHICH ARE PART OF THE CONTRACT DOCUMENTS.

C. PROPOSED HISTORIC REQUIREMENT AMENDMENTS: ARCHITECT WILL EVALUATE TO DETERMINE WHETHER AN AMENDMENT IS REQUIRED. PLAN ON 75-90 DAYS FOR OFFICIAL SHPO AND NPS REVIEW AND APPROVAL.

D. STANDARDS: COMPLY WITH ANSI/ASSE A10.6. AND WITH REQUIREMENTS OF NATIONAL PARKS SERVICE (NPS) "HISTORIC PRESERVATION STANDARDS AND GUIDELINES" AND "PRESERVATION BRIEFS."

E. REGULATORY REQUIREMENTS: COMPLY WITH NOTIFICATION REGULATIONS OF AUTHORITIES HAVING JURISDICTION BEFORE BEGINNING REMOVAL AND DISMANTLING WORK. COMPLY WITH HAULING AND DISPOSAL REGULATIONS OF AUTHORITIES HAVING JURISDICTION.

1.2 HISTORIC MATERIALS

A. NOTIFY ARCHITECT OF HISTORIC ITEMS THAT MAY BE ENCOUNTERED DURING REMOVAL AND DISMANTLING WORK THAT ARE NOT INDICATED ON DRAWINGS. CAREFULLY DISMANTLE AND SALVAGE EACH ITEM OR OBJECT AS DIRECTED.

B. CONTRACTOR REMAINS FULLY RESPONSIBLE FOR STORING AND PROTECTING OWNER'S PROPERTY WHILE IN CONTRACTOR'S POSSESSION BEFORE AND AFTER REMOVAL AND SALVAGE.

C. SALVAGED HISTORIC MATERIALS, HISTORIC MATERIALS FOR REINSTALLATION AND EXISTING HISTORIC MATERIALS TO REMAIN SHALL BE AS INDICATED ON DRAWINGS AND DESCRIBED IN HISTORIC PRESERVATION CERTIFICATION APPLICATION PART 2 DOCUMENTS.

D. EXISTING HISTORIC MATERIALS TO REMAIN: PROTECT CONSTRUCTION INDICATED TO REMAIN AGAINST DAMAGE AND SOILING FROM CONSTRUCTION WORK.

1.3 EXAMINATION AND PREPARATION

A. PREPARATION FOR REMOVAL AND DISMANTLING: EXAMINE CONSTRUCTION TO BE REMOVED OR DISMANTLED TO DETERMINE BEST METHODS TO SAFELY AND EFFECTIVELY PERFORM REMOVAL AND DISMANTLING WORK. EXAMINE ADJACENT WORK TO DETERMINE WHAT PROTECTIVE MEASURES WILL BE NECESSARY. MAKE EXPLORATIONS, PROBES, AND INQUIRIES AS NECESSARY TO DETERMINE CONDITION OF CONSTRUCTION TO BE REMOVED OR DISMANTLED AND LOCATION OF UTILITIES AND SERVICES TO REMAIN THAT MAY BE HIDDEN BY CONSTRUCTION THAT IS TO BE REMOVED OR DISMANTLED.

B. RECORD EXISTING CONDITIONS BY USE OF PRECONSTRUCTION PHOTOGRAPHS.

C. SURVEY THE WORK AS IT PROGRESSES TO DETECT HAZARDS RESULTING FROM HISTORIC TREATMENT PROCEDURES.

1.4 HISTORIC TREATMENT PROCEDURES

A. PROTECT EXISTING HISTORIC MATERIALS WITH TEMPORARY PROTECTIONS AND CONSTRUCTION. DO NOT DEFACE OR REMOVE EXISTING MATERIALS.

B. DO NOT ATTACH TEMPORARY PROTECTION TO HISTORIC SURFACES EXCEPT AS INDICATED AS PART OF THE HISTORIC

C. HALT THE PROCESS OF DETERIORATION AND STABILIZE CONDITIONS UNLESS OTHERWISE INDICATED. RECORD DETERIORATION BY USE OF CONSTRUCTION PHOTOGRAPHS. PERFORM WORK AS INDICATED ON DRAWINGS. FOLLOW THE PROCEDURES IN SUBPARAGRAPHS BELOW AND PROCEDURES APPROVED IN HISTORIC TREATMENT PROGRAM:

1. RETAIN AS MUCH EXISTING MATERIAL AS POSSIBLE; REPAIR AND CONSOLIDATE RATHER THAN REPLACE.
2. USE ADDITIONAL MATERIAL OR STRUCTURE TO REINFORCE, STRENGTHEN, PROP, TIE, AND SUPPORT EXISTING MATERIAL OR STRUCTURE.
3. USE REVERSIBLE PROCESSES WHEREVER POSSIBLE.
4. USE HISTORICALLY ACCURATE REPAIR AND REPLACEMENT MATERIALS AND TECHNIQUES UNLESS OTHERWISE INDICATED.

D. NOTIFY ARCHITECT OF VISIBLE CHANGES IN THE INTEGRITY OF MATERIAL OR COMPONENTS WHETHER DUE TO ENVIRONMENTAL CAUSES INCLUDING BIOLOGICAL ATTACK, UV DEGRADATION, FREEZING, OR THAWING; OR DUE TO STRUCTURAL DEFECTS INCLUDING CRACKS, MOVEMENT, OR DISTORTION.

E. WHERE MISSING FEATURES ARE INDICATED TO BE REPAIRED OR REPLACED, PROVIDE FEATURES WHOSE DESIGNS ARE BASED ON ACCURATE DUPLICATIONS RATHER THAN ON CONJECTURAL DESIGNS, SUBJECT TO APPROVAL OF ARCHITECT.

F. WHERE WORK REQUIRES EXISTING FEATURES TO BE REMOVED OR DISMANTLED AND REINSTALLED, PERFORM THESE OPERATIONS WITHOUT DAMAGE TO THE MATERIAL ITSELF, TO ADJACENT MATERIALS, OR TO THE SUBSTRATE.

G. IDENTIFY NEW AND REPLACEMENT MATERIALS AND FEATURES WITH PERMANENT MARKS HIDDEN IN THE COMPLETED WORK TO DISTINGUISH THEM FROM ORIGINAL MATERIALS. RECORD A LEGEND OF IDENTIFICATION MARKS AND THE LOCATIONS OF THE ITEMS ON RECORD DRAWINGS.

1.5 HISTORIC REMOVAL AND DISMANTLING

A. REMOVAL EQUIPMENT: USE ONLY HAND-HELD TOOLS UNLESS OTHERWISE APPROVED BY ARCHITECT ON A CASE-BY-CASE BASIS.

B. DISMANTLING EQUIPMENT: USE MANUAL, HAND-HELD TOOLS.

C. PROVIDE SUPPORTS OR REINFORCEMENT FOR EXISTING CONSTRUCTION THAT BECOMES TEMPORARILY WEAKENED BY THE WORK, UNTIL THE WORK IS COMPLETED.

D. PERFORM CUTTING BY HAND OR WITH SMALL POWER TOOLS WHEREVER POSSIBLE. CUT HOLES AND SLOTS NEATLY TO SIZE REQUIRED, WITH MINIMUM DISTURBANCE OF ADJACENT WORK.

E. DO NOT DRILL OR CUT COLUMNS, BEAMS, JOINTS, GIRDERS, STRUCTURAL SLABS, OR OTHER STRUCTURAL SUPPORTING ELEMENTS, WITHOUT HAVING CONTRACTOR'S PROFESSIONAL ENGINEER'S WRITTEN APPROVAL FOR EACH LOCATION BEFORE SUCH WORK IS BEGUN.

F. USE ONLY DISMANTLING TOOLS AND PROCEDURES WITHIN 12 INCHES OF HISTORIC SURFACE. DO NOT USE PRY BARS. PROTECT HISTORIC SURFACE FROM CONTACT WITH OR DAMAGE BY TOOLS. UNFASTEN ITEMS TO BE REMOVED. DISMANTLE ANCHORAGES.

G. REMOVE MASONRY CAREFULLY AND ERECT TEMPORARY BRACING AND SUPPORTS AS NEEDED TO PREVENT COLLAPSE OF MATERIALS BEING REMOVED. DURING REMOVAL, CONTRACTOR IS RESPONSIBLE FOR THE STABILITY OF THE PARTIALLY REMAINING WALL.

H. LOOSE PLASTER: IDENTIFY LOOSE, NON-HISTORIC PLASTER AND SEPARATE IT FROM ITS SUBSTRATE BY TAPPING WITH A HAMMER AND PRYING WITH A CHISEL OR SCREWDRIVER. DO NOT USE PRY BARS. LEAVE SOUND, FIRMLY ADHERED PLASTER IN PLACE.

I. DECONSTRUCT WOOD TRIM AND STAIR COMPONENTS THAT ARE LOOSE AND CANNOT BE PROPERLY RE-SECURED IN PLACE. CUT-OUT ONLY PORTIONS THAT ARE SEVERELY DETERIORATED OR DAMAGED AND CANNOT BE RESTORED.

1. USE MATCHING SALVAGED MATERIALS TO THE EXTENT POSSIBLE. PROVIDE NEW CUSTOM WOODWORK MILLSHOP FORMED TO MATCH SECTIONS THAT ARE MISSING AND THOSE THAT HAD TO BE CUT OUT AND REPLACED.

J. ANCHORAGES:

1. REMOVE ANCHORAGES ASSOCIATED WITH REMOVED ITEMS.
2. DISMANTLE ANCHORAGES ASSOCIATED WITH DISMANTLED ITEMS.
3. IN NON-HISTORIC SURFACES, PATCH HOLES CREATED BY ANCHORAGE REMOVAL OR DISMANTLING ACCORDING TO THE REQUIREMENTS FOR NEW WORK.
4. IN HISTORIC SURFACES, PATCH OR REPAIR HOLES CREATED BY ANCHORAGE REMOVAL OR DISMANTLING ACCORDING TO SPECIFICATION SECTION SPECIFIC TO THE HISTORIC SURFACE BEING PATCHED.

02 - EXISTING CONDITIONS

SECTION 024119 - SELECTIVE DEMOLITION

1.1 GENERAL DEMOLITION REQUIREMENTS

A. REFRIGERANT RECOVERY TECHNICIAN QUALIFICATIONS: CERTIFIED BY AN EPA-APPROVED CERTIFICATION PROGRAM.

B. HAZARDOUS MATERIALS: REFERENCE SECTION 003126 "EXISTING HAZARDOUS MATERIALS INFORMATION." IF ADDITIONAL UNDOCUMENTED SUSPECTED HAZARDOUS MATERIALS ARE ENCOUNTERED, DO NOT DISTURB; IMMEDIATELY NOTIFY OWNER.

C. UTILITY SERVICE: MAINTAIN EXISTING UTILITIES INDICATED TO REMAIN IN SERVICE AND PROTECT THEM AGAINST DAMAGE DURING SELECTIVE DEMOLITION OPERATIONS. MAINTAIN FIRE-PROTECTION FACILITIES IN SERVICE DURING SELECTIVE DEMOLITION OPERATIONS.

D. REGULATORY REQUIREMENTS: COMPLY WITH GOVERNING EPA NOTIFICATION REGULATIONS BEFORE BEGINNING SELECTIVE DEMOLITION. COMPLY WITH HAULING AND DISPOSAL REGULATIONS OF AUTHORITIES HAVING JURISDICTION.

E. STANDARDS: COMPLY WITH ANSI/ASSP A10.6 AND NFPA 241.

1.2 EXAMINATION AND PREPARATION

A. PERFORM AN ENGINEERING SURVEY OF CONDITION OF BUILDING TO DETERMINE WHETHER REMOVING ANY ELEMENT MIGHT RESULT IN STRUCTURAL DEFICIENCY OR UNPLANNED COLLAPSE OF ANY PORTION OF STRUCTURE OR ADJACENT STRUCTURES DURING SELECTIVE BUILDING DEMOLITION OPERATIONS.

B. REFRIGERANT: BEFORE STARTING DEMOLITION, REMOVE REFRIGERANT FROM MECHANICAL EQUIPMENT ACCORDING TO 40 CFR 82 AND REGULATIONS OF AUTHORITIES HAVING JURISDICTION.

1.3 UTILITY SERVICES AND MECHANICAL/ELECTRICAL SYSTEMS

A. EXISTING SERVICES/SYSTEMS TO BE REMOVED, RELOCATED, OR ABANDONED: LOCATE, IDENTIFY, DISCONNECT, AND SEAL OR CAP OFF UTILITY SERVICES AND MECHANICAL/ELECTRICAL SYSTEMS SERVING AREAS TO BE SELECTIVELY DEMOLISHED.

1. ARRANGE TO SHUT OFF UTILITIES WITH UTILITY COMPANIES.
2. IF SERVICES/SYSTEMS ARE REQUIRED TO BE REMOVED, RELOCATED, OR ABANDONED, PROVIDE TEMPORARY SERVICES/SYSTEMS THAT BYPASS AREA OF SELECTIVE DEMOLITION AND THAT MAINTAIN CONTINUITY OF SERVICES/SYSTEMS TO OTHER PARTS OF BUILDING.

1.4 PROTECTION

A. TEMPORARY PROTECTION: PROVIDE TEMPORARY BARRICADES AND OTHER PROTECTION REQUIRED TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDINGS AND FACILITIES TO REMAIN.

B. TEMPORARY SHORING: DESIGN, PROVIDE, AND MAINTAIN SHORING AND STRUCTURAL SUPPORTS AS REQUIRED TO PRESERVE STABILITY AND PREVENT MOVEMENT, SETTLEMENT, OR COLLAPSE OF EXISTING CONSTRUCTION.

1.5 SELECTIVE DEMOLITION

A. NEATLY CUT OPENINGS AND HOLES PLUMB, SQUARE, AND TRUE TO DIMENSIONS REQUIRED. USE CUTTING METHODS LEAST LIKELY TO DAMAGE CONSTRUCTION TO REMAIN OR ADJOINING CONSTRUCTION. USE HAND TOOLS OR SMALL POWER TOOLS DESIGNED FOR SAWING OR GRINDING, NOT HAMMERING AND CHOPPING.

B. DO NOT USE CUTTING TORCHES UNTIL WORK AREA IS CLEARED OF FLAMMABLE MATERIALS. AT CONCEALED SPACES, SUCH AS DUCT AND PIPE INTERIORS, VERIFY CONDITION AND CONTENTS OF HIDDEN SPACE BEFORE STARTING FLAME-CUTTING OPERATIONS. MAINTAIN PORTABLE FIRE-SUPPRESSION DEVICES DURING FLAME-CUTTING OPERATIONS.

C. MAINTAIN FIRE WATCH DURING AND FOR AT LEAST 4 HOURS AFTER FLAME-CUTTING OPERATIONS.

D. DO NOT TO IMPOSE EXCESSIVE LOADS ON SUPPORTING WALLS, FLOORS, OR FRAMING.

E. REMOVE DEMOLITION WASTE MATERIALS FROM PROJECT SITE AND DISPOSE OF THEM IN AN EPA-APPROVED CONSTRUCTION AND DEMOLITION WASTE LANDFILL ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.

F. CLEAN ADJACENT STRUCTURES AND IMPROVEMENTS OF DUST, DIRT, AND DEBRIS CAUSED BY SELECTIVE DEMOLITION OPERATIONS. RETURN ADJACENT AREAS TO CONDITION EXISTING BEFORE SELECTIVE DEMOLITION OPERATIONS BEGAN.

03 - CONCRETE

04 - MASONRY

SECTION 040120 - MAINTENANCE OF UNIT MASONRY

1.1 GENERAL AND HISTORIC REQUIREMENTS

A. WORK SHALL COMPLY WITH OWNER'S HISTORIC PRESERVATION TAX CREDIT PROGRAM. REFER TO APPROVED CERTIFICATION APPLICATION PART 2 DOCUMENTS. COMPLY WITH REQUIREMENTS OF NATIONAL PARKS SERVICE (NPS) "PRESERVATION BRIEFS."

B. ADDITIONAL REPOINTING AND MASONRY REPAIR: SURVEY EXISTING CONDITIONS AND IDENTIFY ANY ADDITIONAL REPOINTING AND MASONRY REPAIR REQUIRED.

1. IN ADDITION TO INDICATED WORK, INCLUDE IN BASE BID, ALONG WITH EXTERIOR ELEVATION SKETCHES SHOWING AREAS OF ADDITIONAL WORK, AREAS OF ADDITIONAL REPOINTING AND MASONRY REPAIR DEEMED NECESSARY BY THE BIDDER. EXTERIOR ELEVATION SKETCHES SHALL ALSO SHOW WORK IDENTIFIED ON THE DRAWINGS.
2. BREAK OUT BOTH COSTS IN BASE BID; COST FOR INDICATED WORK AND COST FOR ADDITIONAL WORK DEEMED NECESSARY BY THE BIDDER.

C. UNIT PRICES FOR TUCKPOINTING, REPAIR AND REPLACEMENT OF MASONRY ARE SPECIFIED UNDER SECTION 010000 "GENERAL REQUIREMENTS."

D. NOTIFY ARCHITECT SEVEN DAYS BEFORE THE SCHEDULED START OF MASONRY REPAIR WORK SO THAT ARCHITECT CAN PHOTO DOCUMENT CURRENT EXISTING CONDITIONS FOR REPORTING TO SHPO.

E. SUBMIT BEFORE AND AFTER PHOTOS OF SUCCESSFUL GRAFFITTI REMOVAL MOCK-UP(S).

F. UPON COMPLETION OF REPAIRED MASONRY SURFACE TO BE PAINTED, NOTIFY ARCHITECT SEVEN DAYS BEFORE THE SCHEDULED START OF PAINTING SO THAT ARCHITECT CAN PHOTO DOCUMENT PRE-PAINTED MASONRY REPAIR CONDITIONS FOR REPORTING TO SHPO.

1.2 QUALITY ASSURANCE

A. MASONRY SPECIALIST (INSTALLER) QUALIFICATIONS: COMPANY EXPERIENCED WITH NOT LESS THAN 10 YEARS EXPERIENCE IN PERFORMING SPECIFIED WORK, AND WITH A RECORD OF SUCCESSFUL IN-SERVICE PERFORMANCE AND COMPLETION OF PROJECTS.

B. MOCKUPS FOR MASONRY AND STONE CLEANING: PREPARE SEPARATE MOCKUPS FOR MASONRY AND STONE. CLEAN AN AREA APPROXIMATELY 25 SQ. FT. FOR EACH MOCKUP.

1. TEST CLEANERS AND METHODS ON SAMPLES OF ADJACENT MATERIALS FOR POSSIBLE ADVERSE REACTIONS.
2. ALLOW A WAITING PERIOD OF SEVEN DAYS TO VERIFY NO NEGATIVE REACTIONS.

C. MOCKUP FOR TUCKPOINTING: PREPARE A 12 BY 24 INCH MOCKUP FOR MASONRY TUCKPOINTING FOR EACH BUILDING.

D. MOCKUP FOR UNIT REPLACEMENT: PREPARE A 12 BY 12 INCH MOCKUP FOR MASONRY REPLACEMENT FOR EACH BUILDING.

1.3 FIELD CONDITIONS

A. PRECONSTRUCTION PHOTOGRAPHS: PRIOR TO BEGINNING WORK TAKE "UP-CLOSE" PHOTOGRAPHS OF DETERIORATED CONDITIONS REQUIRING TUCKPOINTING AND REPAIR.

B. COLD AND HOT WEATHER REQUIREMENTS: COMPLY WITH TMS 602/ACI 530.1/ASCE 6.

1.4 MASONRY MATERIALS

A. FACE BRICK: PROVIDE SALVAGED BRICK WHERE POSSIBLE. PROVIDE HISTORIC MASONRY UNITS WITH COLORS, COLOR VARIATION WITHIN UNITS, SURFACE TEXTURE, AND PHYSICAL PROPERTIES TO MATCH EXISTING UNITS IN SIZE AND SHAPE.

B. REPOINTING MORTAR: ASTM C270, PROPORTION SPECIFICATION, TYPE N UNLESS OTHERWISE INDICATED; WITH CEMENTITIOUS MATERIAL LIMITED TO MASONRY CEMENT.

1.5 MANUFACTURED REPAIR MATERIALS

A. MASONRY PATCHING COMPOUND: USE FORMULATION THAT IS VAPOR- AND WATER PERMEABLE (EQUAL TO OR MORE THAN THE MASONRY UNIT), EXHIBITS LOW SHRINKAGE, HAS LOWER MODULUS OF ELASTICITY THAN THE MASONRY UNITS BEING REPAIRED, AND DEVELOPS HIGH BOND STRENGTH TO ALL TYPES OF MASONRY. MATCH EACH MASONRY UNIT BEING PATCHED. PRODUCTS:

1. CATHEDRAL STONE PRODUCTS, INC.; JAHN M100 TERRA COTTA AND BRICK REPAIR MORTAR.
2. CONPROCO CORPORATION; MIMIC.
3. EDISON COATINGS, INC.; CUSTOM SYSTEM 45.

B. CEMENTITIOUS CRACK FILLER:

1. CATHEDRAL STONE PRODUCTS, INC.; JAHN INJECTION GROUT.
2. CONPROCO CORPORATION; TERRA COTTA FINISH.
3. EDISON COATINGS, INC.; PUMP-X 53-SERIES.

1.6 CLEANING MATERIALS

A. HOT WATER: WATER HEATED TO A TEMPERATURE OF 140 TO 160 DEG F.

B. JOB-MIXED MOLD, MILDEW, AND ALGAE REMOVER: SOLUTION PREPARED BY MIXING 2 CUPS OF TETRASODIUM POLYPHOSPHATE, 5 QUARTS OF 5 PERCENT SODIUM HYPOCHLORITE (BLEACH), AND 15 QUARTS OF HOT WATER FOR EVERY 5 GAL. OF SOLUTION REQUIRED.

C. CHEMICAL CLEANER: PROSOCO; ENVIRO KLEAN "KLEAN 'N RELEASE CLEANER"

D. MILD ACIDIC CLEANER: PROSOCO; ENVIRO KLEAN BIOWASH.

E. ACIDIC CLEANER (ONLY AS REQUIRED): PROSOCO; ENVIRO KLEAN RESTORATION CLEANER.

F. GRAFFITI REMOVAL CLEANERS: ACCEPTABLE PRODUCTS: PROSOCO: SUREKLEAN GRAFFITI REMOVER, ENVIROKLEAN SAFSTRIP, OR ENVIROKLEAN SAFSTRIP 8.

1.7 UNIT MASONRY REPAIR AND CLEANING

A. GENERAL: SELECT AND EMPLOY APPLICABLE METHODS THAT COMPLY WITH REQUIREMENTS OF NATIONAL PARKS SERVICE (NPS) "PRESERVATION BRIEFS."

B. BRICK REMOVAL AND REPLACEMENT: REMOVE AND REPLACE BRICK AS INDICATED ON DRAWINGS. COMPLY WITH TMS 602/ACI 530.1/ASCE 6 AND BIA TECH NOTES 11B AND 46. UNLESS INDICATED OTHERWISE TOOTH IN REPAIR BRICK WITH EXISTING.

C. MASONRY CLEANING: COMPLY WITH BIA TECH NOTE 20 AND ASTM C1515. COMPLY WITH CHEMICAL CLEANER MANUFACTURER'S WRITTEN INSTRUCTIONS

1. GRAFFITTI REMOVAL: TEST PRODUCTS IN SMALL MOCK-UP AREAS TO ENSURE EFFECTIVENESS OF SELECTED PRODUCTS AND METHODS DUE TO VARIABLE CONDITIONS OF SUBSTRATE, STAIN MATERIAL, ENVIRONMENTAL CONDITIONS AND OTHER FACTORS. PERFORM MOCK-UPS IN SMALL AREAS UNTIL SATISFACTORY RESULTS ARE OBTAINED.

D. REPOINTING MASONRY: RAKE OUT AND REPOINT JOINTS AT LOCATIONS OF THE FOLLOWING DEFECTS: HOLES AND MISSING MORTAR, CRACKS THAT CAN BE PENETRATED 1/4 INCH OR MORE BY A KNIFE BLADE 0.027 INCH THICK, CRACKS 1/8 INCH OR MORE IN WIDTH AND OF ANY DEPTH, HOLLOW-SOUNDING JOINTS WHEN TAPPED BY METAL OBJECT, ERODED SURFACES 1/4 INCH OR MORE DEEP, DETERIORATION TO POINT THAT MORTAR CAN BE EASILY REMOVED BY HAND, WITHOUT TOOLS, AND JOINTS FILLED WITH SUBSTANCES OTHER THAN MORTAR.

E. COMPLY WITH NPS PRESERVATION BRIEF 2 AND APPLICABLE REQUIREMENTS OF BIA TECH NOTE 46.

1. CURE MORTAR BY MAINTAINING IN THOROUGHLY DAMP CONDITION FOR AT LEAST 72 CONSECUTIVE HOURS, INCLUDING WEEKENDS AND HOLIDAYS.

F. WHERE REPOINTING WORK PRECEDES CLEANING OF EXISTING MASONRY, ALLOW MORTAR TO HARDEN AT LEAST 30 DAYS BEFORE BEGINNING CLEANING WORK.

G. AFTER MORTAR HAS FULLY HARDENED, THOROUGHLY CLEAN EXPOSED MASONRY SURFACES OF EXCESS MORTAR.

SECTION 042000 - UNIT MASONRY

1.1 GENERAL SECTION REQUIREMENTS

A. MASONRY STANDARD: COMPLY WITH TMS 602/ACI 530.1/ASCE 6.

B. FIRE-RESISTANCE RATINGS: COMPLY WITH REQUIREMENTS FOR FIRE-RESISTANCE-RATED ASSEMBLY DESIGNS INDICATED.

1.2 MASONRY MATERIALS

A. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL REQUIREMENTS FOR STRUCTURAL MASONRY.

B. CLAY FACE BRICK: ASTM C216; GRADE: SW; TYPE: FBS OR FBA. MATCH EXISTING. PROVIDE BRICK THAT HAS BEEN TESTED ACCORDING TO ASTM C67 AND IS RATED "NOT EFFLORESCED."

C. COLD-WEATHER ADMIXTURE: NONCHLORIDE, NONCORROSIVE, ACCELERATING ADMIXTURE COMPLYING WITH ASTM C494/C494M, TYPE C, AND RECOMMENDED BY MANUFACTURER FOR USE IN MASONRY MORTAR OF COMPOSITION INDICATED.

1.3 INSTALLATION

A. COMPLY WITH TMS 602/ACI 530.1/ASCE 6.

B. FLASHING AND WEEPS: INSTALL EMBEDDED FLASHING AND WEEP HOLES IN MASONRY AT SHELF ANGLES, LINTELS, LEDGES, OTHER OBSTRUCTIONS TO DOWNWARD FLOW OF WATER IN WALL, AND WHERE INDICATED.

C. FINAL CLEANING: AFTER MORTAR IS THOROUGHLY SET AND CURED, CLEAN EXPOSED MASONRY.

05 - METALS

SECTION 050170 - MAINTENANCE OF DECORATIVE METAL

1.1 GENERAL AND HISTORIC REQUIREMENTS

A. WORK SHALL COMPLY WITH OWNER'S HISTORIC PRESERVATION TAX CREDIT PROGRAM COMPLY WITH CERTIFICATION APPLICATION PART 2 DOCUMENTS AND NPS PRESERVATION BRIEFS.

B. LOW-PRESSURE SPRAY: 100 TO 400 PSI; 4 TO 6 GPM.

C. CLEAN AND RESTORE CAST IRON AT SAME TIME BRICK AND STONE FAÇADE CLEANING AND RESTORATION WORK IS BEING PERFORMED.

1.2 CLEANING AND RESTORATION MATERIALS

A. DETERGENT SOLUTION, JOB MIXED: SOLUTION PREPARED BY MIXING 2 CUPS OF TETRASODIUM PYROPHOSPHATE (TSPP), 1/2 CUP OF LAUNDRY DETERGENT, AND 20 QUARTS OF HOT WATER FOR EVERY 5 GAL. OF SOLUTION REQUIRED.

B. NONACIDIC LIQUID CHEMICAL CLEANER: MANUFACTURER'S STANDARD MILDLY ALKALINE LIQUID CLEANER, FORMULATED FOR REMOVING ORGANIC SOILING FROM ORDINARY BUILDING MATERIALS..

C. ABRASIVE PADS FOR STEEL: EXTRA FINE BRONZE WOOL OR PLASTIC ABRASIVE PADS.

D. ABRASIVES FOR FERROUS METAL CLEANING: ALUMINUM OXIDE PAPER, EMERY PAPER, FINE STEEL WOOL, STEEL SCRAPERS, AND STEEL-WIRE BRUSHES OF VARIOUS SIZES.

E. RUST REMOVER: MANUFACTURER'S STANDARD PHOSPHORIC ACID-BASED GEL FORMULATION, ALSO CALLED "NAVAL JELLY," FOR REMOVING CORROSION FROM IRON AND STEEL.

1.3 CLEANING AND PRIME PAINTING

A. PROTECT ADJACENT SURFACES. COMPLY WITH CHEMICAL-PRODUCT MANUFACTURER'S WRITTEN INSTRUCTIONS.

B. UNIFORMITY: PERFORM EACH CLEANING METHOD IN A MANNER THAT RESULTS IN UNIFORM COVERAGE OF ALL SURFACES, INCLUDING CORNERS, CONTOURS, AND INTERSTICES, AND THAT PRODUCES AN EVEN EFFECT WITHOUT STREAKS OR DAMAGING SURFACES. DISTURB ITEMS TO BE CLEANED AS MINIMALLY AS POSSIBLE.

C. WATER CLEANING: CLEAN WITH COLD WATER APPLIED BY MEDIUM-PRESSURE SPRAY. SUPPLEMENT WITH NATURAL-FIBER OR PLASTIC-BRISTLE BRUSH. USE SMALL BRUSHES TO REMOVE SOIL FROM JOINTS AND CREVICES.

D. DETERGENT CLEANING: WET SURFACE WITH COLD WATER LOW-PRESSURE SPRAY. SCRUB SURFACE WITH DETERGENT SOLUTION AND NATURAL-FIBER OR PLASTIC-BRISTLE BRUSH UNTIL SOIL IS DISLODGED. RINSE WITH COLD WATER LOW-PRESSURE SPRAY.

E. NONACIDIC LIQUID CHEMICAL CLEANING: APPLY CHEMICAL CLEANER TO SURFACES ACCORDING TO CHEMICAL-CLEANER MANUFACTURER'S WRITTEN INSTRUCTIONS USING BY LOW-PRESSURE SPRAY.

F. CLEANING WITH ABRASIVE PADS: CLEAN SURFACES TO REMOVE DIRT, LEAVING UNIFORM PATINA INTACT, BY LIGHT RUBBING WITH ABRASIVE PADS AND WATER. RINSE WITH COLD WATER LOW PRESSURE SPRAY.

G. MECHANICAL COATING REMOVAL: USE GENTLE METHODS, SUCH AS SCRAPING AND WIRE BRUSHING, THAT WILL NOT ABRADE METAL SUBSTRATE.

H. REPAINT: PREPARE PAINTED DECORATIVE METAL BY CLEANING SURFACE, REMOVING LESS THAN FIRMLY ADHERED EXISTING PAINT, SANDING EDGES SMOOTH, AND PRIMING FOR PAINTING AS SPECIFIED.

I. CHEMICAL RUST REMOVAL: APPLY RUST REMOVER WITH BRUSHES OR AS RECOMMENDED BY MANUFACTURER. WIPE OFF RESIDUE WITH MINERAL SPIRITS AND EITHER STEEL WOOL OR SOFT RAGS, OR CLEAN WITH METHOD RECOMMENDED BY MANUFACTURER TO REMOVE RESIDUE. DRY IMMEDIATELY WITH CLEAN, SOFT CLOTHS. FOLLOW DIRECTION OF GRAIN IN METAL.

J. MECHANICAL RUST REMOVAL: REMOVE RUST WITH APPROVED ABRASIVES FOR FERROUS METAL CLEANING. WIPE OFF RESIDUE WITH MINERAL SPIRITS AND EITHER STEEL WOOL OR SOFT RAGS.

K. PRIME IMMEDIATELY AFTER CLEANING AND RUST REMOVAL TO PREVENT RUST. DO NOT TOUCH CLEANED METAL SURFACE UNTIL PRIMED. COMPLY WITH APPLICABLE REQUIREMENTS OF SECTION 099100 "PAINTING."

SECTION 055213 - PIPE AND TUBE RAILINGS

1.1 PERFORMANCE REQUIREMENTS

A. STRUCTURAL PERFORMANCE: HANDRAILS AND TOP RAILS OF GUARDS

1. UNIFORM LOAD OF 50 LBF/ FT. APPLIED IN ANY DIRECTION.
2. CONCENTRATED LOAD OF 200 LBF APPLIED IN ANY DIRECTION.
3. UNIFORM AND CONCENTRATED LOADS NEED NOT BE ASSUMED TO ACT CONCURRENTLY.

B. WELDING QUALIFICATIONS: AWS D1.1/D1.1M, "STRUCTURAL WELDING CODE - STEEL."

C. PROVIDE WALL RETURNS AT ENDS OF WALL-MOUNTED HANDRAILS. CLOSE ENDS OF RETURNS.

1.2 STEEL RAILING MATERIALS

A. TUBING: ASTM A500/A500M (COLD FORMED) OR ASTM A513/A513M, TYPE 5.

B. PIPE: ASTM A53/A53M, TYPE F OR TYPE S, GRADE A, STANDARD WEIGHT (SCHEDULE 40), UNLESS ANOTHER GRADE AND WEIGHT ARE REQUIRED BY STRUCTURAL LOADS.

C. SHOP PRIMING: COMPLY WITH SSPC-SP 6/NACE NO. 3. FOR PREPARATION. COMPLY WITH REQUIREMENTS IN SSPC-PA 1 FOR SHOP PAINTING.

1.3 INSTALLATION

A. PERFORM CUTTING, DRILLING, AND FITTING REQUIRED FOR INSTALLING RAILINGS.

B. ATTACH HANDRAILS TO WALLS WITH WALL BRACKETS. PROVIDE BRACKETS WITH 1-1/2-INCH CLEARANCE FROM INSIDE FACE OF HANDRAIL AND FINISHED WALL SURFACE.

1. FOR WOOD STUD PARTITIONS, USE HANGER OR LAG BOLTS SET INTO STUDS OR WOOD BACKING BETWEEN STUDS. COORDINATE WITH CARPENTRY WORK TO LOCATE BACKING MEMBERS.

C. TOUCHUP PAINTING: IMMEDIATELY AFTER ERECTION, CLEAN FIELD WELDS, BOLTED CONNECTIONS, AND ABRADED AREAS OF SHOP PAINT, AND PAINT EXPOSED AREAS WITH THE SAME MATERIAL USED FOR SHOP PAINTING TO COMPLY WITH SSPC-PA 1 FOR TOUCHING UP SHOP-PAINTED SURFACES.

06 - WOOD, PLASTICS, AND COMPOSITES

SECTION 061600 - SHEATHING

1.1 TREATED PLYWOOD

A. PRESERVATIVE TREATMENT: AWPA U1. TREAT ITEMS INDICATED ON DRAWINGS AND PLYWOOD IN CONTACT WITH MASONRY OR CONCRETE OR USED WITH ROOFING, FLASHING, VAPOR BARRIERS, AND WATERPROOFING.

B. FIRE-RETARDANT-TREATED PLYWOOD BY PRESSURE PROCESS: PRODUCTS WITH A FLAME-SPREAD INDEX OF 25 OR LESS WHEN TESTED IN ACCORDANCE WITH ASTM E84, AND WITH NO EVIDENCE OF SIGNIFICANT PROGRESSIVE COMBUSTION WHEN THE TEST IS EXTENDED AN ADDITIONAL 20 MINUTES, AND WITH THE FLAME FRONT NOT EXTENDING MORE THAN 10.5 FEET BEYOND THE CENTERLINE OF THE BURNERS AT ANY TIME DURING THE TEST.

1.2 SHEATHING MATERIALS

A. WALLL AND ROOF SHEATHING: PLYWOOD, DOC PS 1, EXTERIOR, STRUCTURAL I SHEATHING.

B. PLYWOOD SUBFLOORING: EITHER DOC PS 1 OR DOC PS 2, EXPOSURE 1 SINGLE-FLOOR PANELS OR SHEATHING.

C. PLYWOOD UNDERLAYMENT FOR RESILIENT FLOORING: DOC PS 1, EXTERIOR A-C WITH FULLY SANDED FACE.

1.3 MISCELLANEOUS MATERIALS

A. FOR ROOF AND WALL SHEATHING, PROVIDE FASTENERS WITH HOT-DIP ZINC COATING COMPLYING WITH ASTM A153/A153M.

B. ADHESIVES FOR FIELD GLUING PANELS TO WOOD FRAMING: FORMULATION COMPLYING WITH ASTM D3498 THAT IS APPROVED FOR USE WITH TYPE OF CONSTRUCTION PANEL INDICATED BY MANUFACTURERS OF BOTH ADHESIVES AND PANELS.

1.4 INSTALLATION

A. GENERAL: COMPLY WITH APPLICABLE RECOMMENDATIONS IN APA FORM NO. E30, "ENGINEERED WOOD CONSTRUCTION GUIDE," FOR TYPES OF STRUCTURAL-USE PANELS AND APPLICATIONS INDICATED.

B. SECURELY ATTACH TO SUBSTRATE BY FASTENING: TABLE 2304.10.1, "FASTENING SCHEDULE," IN THE ICC'S INTERNATIONAL BUILDING CODE.

C. FASTENING METHODS: SPACE PANELS 1/8 INCH APART AT EDGES EXCEPT FOR UNDERLAYMENT

1. SUBFLOORING: GLUE AND NAIL TO WOOD FRAMING.
2. WALL AND ROOF SHEATHING: NAIL OR STAPLE TO WOOD FRAMING.
3. UNDERLAYMENT: NAIL OR STAPLE TO SUBFLOORING. FILL AND SAND EDGE JOINTS OF UNDERLAYMENT RECEIVING RESILIENT FLOORING IMMEDIATELY BEFORE INSTALLING FLOORING.

SECTION 062000 - FINISH CARPENTRY

1.1 HISTORIC REQUIRENMENTS

A. WORK SHALL COMPLY WITH OWNER'S HISTORIC PRESERVATION TAX CREDIT PROGRAM. REFER TO APPROVED CERTIFICATION APPLICATION PART 2 DOCUMENTS. COMPLY WITH NATIONAL PARKS SERVICE (NPS) PRESERVATION BRIEFS.

B. WOOD FOR REPAIRS: CLEAR FINE-GRAINED LUMBER; KILN DRIED TO MOISTURE CONTENT OF 6 TO 12 PERCENT AT TIME OF FABRICATION. MATCH SPECIES OF EXISTING WOOD.

C. WOODWORK REPAIRS: REFER TO SECTION 080152 FOR TYPICAL MATERIALS.

1. GENERAL: PATCH WOOD MEMBERS THAT EXHIBIT DEPRESSIONS, HOLES, OR SIMILAR VOIDS AND THAT HAVE LIMITED AMOUNTS OF ROTTED OR DECAYED WOOD.
2. APPLY BORATE PRESERVATIVE TREATMENT TO ACCESSIBLE SURFACES AFTER REMOVING ROTTED OR DECAYED WOOD AND BEFORE APPLYING WOOD CONSOLIDANT OR PATCHING COMPOUND.
3. APPLY CONSOLIDANT AS NEEDED AND WOOD-PATCHING COMPOUND TO FILL DEPRESSIONS, NICKS, CRACKS, AND OTHER VOIDS CREATED BY REMOVED OR MISSING WOOD.
4. PRIME PAINT THEN SAND UNITS AND APPLY A SECOND PRIME COAT.

1.2 MATERIALS

A. COMPOSITE WOOD: FORMALDEHYDE EMISSIONS LESS THAN OR EQUAL TO THE THRESHOLDS PROVIDED BY CARB PHASE 2 AND/OR TSCA TITLE IV FOR PLYWOOD, PARTICLEBOARD, MDF, AND THESE MATERIALS WITHIN OTHER PRODUCTS LIKE CABINETS AND DOORS. FOR ANY OTHER COMPOSITE WOOD PRODUCTS NOT COVERED BY CARB/TSCA REQUIREMENTS, BUT USED IN INTERIOR SPACES, THESE MUST AT MINIMUM BE NAUF (HAVE NO ADDED UREA FORMALDEHYDE). REFER TO SECTION 018113.

B. LUMBER: DOC PS 20. COMPLY WITH APPLICABLE RULES OF RULES-WRITING AGENCY CERTIFIED BY THE AMERICAN LUMBER STANDARD COMMITTEE'S (ALSC) BOARD OF REVIEW. FACTORY MARK EACH PIECE OF LUMBER WITH GRADE STAMP OF GRADING AGENCY.

C. PRESERVATIVE TREATMENT BY PRESSURE PROCESS: AWPA U1; USE CATEGORY UC2 FOR INTERIOR CONSTRUCTION NOT IN CONTACT WITH GROUND, USE CATEGORY UC3B FOR EXTERIOR CONSTRUCTION NOT IN CONTACT WITH GROUND, AND USE CATEGORY UC4A FOR ITEMS IN CONTACT WITH GROUND.

D. SOFTWOOD PLYWOOD: DOC PS 1.

E. MDF: ANSI A208.2, GRADE 115.

F. SOFTWOOD MOLDINGS: MMPA WM 4, P GRADE. MAXIMUM MOISTURE CONTENT: 15 PERCENT WITH AT LEAST 85 PERCENT OF SHIPMENT AT 12 PERCENT OR LESS.

1. OPTIONAL MATERIAL: PRIMED MDF EXCEPT FOR WALL BASE MATERIAL.

F. FASTENERS FOR INTERIOR FINISH CARPENTRY: NAILS, SCREWS, AND OTHER ANCHORING DEVICES OF TYPE, SIZE, MATERIAL, AND FINISH REQUIRED FOR APPLICATION INDICATED TO PROVIDE SECURE ATTACHMENT, CONCEALED WHERE POSSIBLE.

1.3 HISTORIC WOOD REPAIR AND REPLACEMENT MATERIALS

A. WOOD, GENERAL: CLEAR FINE-GRAINED LUMBER; KILN DRIED TO MOISTURE CONTENT OF 6 TO 12 PERCENT AT TIME OF FABRICATION. MATCH SPECIES OF EXISTING WOOD.

B. WOOD CONSOLIDANT: PRODUCT DESIGNED TO PENETRATE, CONSOLIDATE, AND STRENGTHEN SOFT FIBERS OF WOOD MATERIALS AND DESIGNED SPECIFICALLY TO ENHANCE THE BOND OF WOOD-PATCHING COMPOUND TO EXISTING WOOD.

C. WOOD-PATCHING COMPOUND: TWO-PART EPOXY-RESIN WOOD-PATCHING COMPOUND; DESIGNED FOR FILLING VOIDS IN DAMAGED WOOD MATERIALS THAT HAVE DETERIORATED.

D. SILICONE GLAZING PRODUCTS: REFER TO SECTIONS 0792000 AND 088000.

E. BORATE PRESERVATIVE TREATMENT: INORGANIC, BORATE-BASED SOLUTION, COMPLYING WITH AWPA P5; CONTAINING NO BORIC ACID.

1.4 PREFABRICATED INTERIOR WOOD STAIRS

A. TREADS: 3/4-INCH KILN-DRIED OAK WITH HALF-ROUND OR ROUNDED EDGE NOSING.

B. RISERS: 3/4-INCH KILN-DRIED OAK.

C. STRINGERS, CARRIAGES:

1. LAMINATED VENEER LUMBER, MADE WITH AN EXTERIOR-TYPE ADHESIVE COMPLYING WITH ASTM D2559, AND WITH THE FOLLOWING ALLOWABLE DESIGN VALUES AS DETERMINED IN ACCORDANCE WITH ASTM D5456:
2. SELECT STRUCTURAL NO. 1 GRADE, KILN-DRIED TO 15 PERCENT MAXIMUM MOISTURE CONTENT.

D. FINISH: CLEAR FINISH, MATCH FLOORING.

1.5 BASEMENT WOOD UTILIY STAIRS

A. TREADS: SELECT STRUCTURAL NO. 1, KILN-DRIED, PRESSURE TREATED SOUTHERN PINE.

B. RISERS: NONE.

C. STRINGERS, CARRIAGES: SELECT STRUCTURAL NO. 1, KILN-DRIED PRESSURE TREATED SOUTHERN PINE.

D. FINISH: NONE.

1.6 INSTALLATION

A. PREPARATION: BEFORE INSTALLING INTERIOR FINISH CARPENTRY, CONDITION MATERIALS TO AVERAGE PREVAILING HUMIDITY IN INSTALLATION AREAS FOR A MINIMUM OF 24 HOURS.

B. GENERAL: INSTALL INTERIOR FINISH CARPENTRY LEVEL, PLUMB, TRUE, AND ALIGNED WITH ADJACENT MATERIALS.

1. SCRIBE AND CUT INTERIOR FINISH CARPENTRY TO FIT ADJOINING WORK.
2. WHERE FACE FASTENING IS UNAVOIDABLE, COUNTERSINK FASTENERS, FILL SURFACE FLUSH, AND SAND UNLESS OTHERWISE INDICATED.

C. INSTALL STANDING AND RUNNING TRIM WITH MINIMUM NUMBER OF JOINTS AS IS PRACTICAL, USING FULL-LENGTH PIECES FROM MAXIMUM LENGTHS OF LUMBER AVAILABLE.

1. COPE AT RETURNS, MITER AT OUTSIDE CORNERS, AND COPE AT INSIDE CORNERS TO PRODUCE TIGHT-FITTING JOINTS WITH FULL-SURFACE CONTACT THROUGHOUT LENGTH OF JOINT.
2. USE SCARF JOINTS FOR END-TO-END JOINTS.
3. COUNTERSINK FASTENER HEADS ON EXPOSED CARPENTRY WORK AND FILL HOLES.

D. STAIRS: SECURELY ANCHOR CARRIAGES TO SUPPORTING SUBSTRATES.

1. INSTALL STAIRS WITH TREADS AND RISERS NO MORE THAN 1/8 INCH FROM INDICATED POSITION. SECURE WITH COUNTERSUNK, CONCEALED FASTENERS AND BLIND NAILING.

07 - THERMAL AND MOISTURE PROTECTION

SECTION 070150 - PREPARATION FOR REROOFING

1.1 SECTION GENERAL REQUIREMENTS

A. ALLOWANCE AND UNIT PRICES FOR REMOVAL OF EXISTING DETERIORATED WOOD ROOF DECK, AND REPLACEMENT WITH NEW WOOD DECK, ARE SPECIFIED UNDER SECTION 010000 "GENERAL REQUIREMENTS."

B. PROTECT BUILDING TO BE REROOFED, ADJACENT BUILDINGS, WALKWAYS, SITE IMPROVEMENTS, EXTERIOR PLANTINGS, AND LANDSCAPING FROM DAMAGE OR SOILING FROM REROOFING OPERATIONS.

C. LIMIT CONSTRUCTION LOADS ON EXISTING ROOF AREAS SCHEDULED TO BE REROOFED. AVOID OVERLOADING EXISTING STRUCTURE.

1.2 PREPARATION

A. SEAL OR ISOLATE WINDOWS THAT MAY BE EXPOSED TO AIRBORNE SUBSTANCES CREATED IN REMOVAL OF EXISTING MATERIALS.

B. SHUT OFF ROOFTOP UTILITIES AND SERVICE PIPING BEFORE BEGINNING THE WORK.

C. TEST EXISTING ROOF DRAINS TO VERIFY THAT THEY ARE NOT BLOCKED OR RESTRICTED.

D. DURING REMOVAL OPERATIONS, HAVE SUFFICIENT AND SUITABLE MATERIALS ON-SITE TO FACILITATE RAPID INSTALLATION OF TEMPORARY PROTECTION IN THE EVENT OF UNEXPECTED RAIN.

1.3 ROOFING AND FLASHING REMOVAL

A. FULL ROOF TEAR-OFF: REMOVE EXISTING ROOFING AND OTHER ROOFING SYSTEM COMPONENTS DOWN TO THE EXISTING ROOF DECK.

B. REMOVE EXISTING BASE FLASHINGS. CLEAN SUBSTRATES OF CONTAMINANTS, SUCH AS ASPHALT, SHEET MATERIALS, DIRT, AND DEBRIS.

C. DO NOT DAMAGE METAL COUNTERFLASHINGS THAT ARE TO REMAIN. REPLACE METAL COUNTERFLASHINGS DAMAGED DURING REMOVAL WITH COUNTERFLASHINGS OF SAME METAL, WEIGHT OR THICKNESS, AND FINISH AS EXISTING.

SECTION 072100 - THERMAL INSULATION

1.1 INSULATION PRODUCTS

A. INSULATION: FORMALDEHYDE FREE. REFER TO SECTION 018113.

B. EXTRUDED POLYSTYRENE BOARD INSULATION, TYPE IV: ASTM C578, TYPE IV, 25-PSI MINIMUM COMPRESSIVE STRENGTH; UNFACED. FORMALDEHYDE-FREE.

C. GLASS-FIBER BLANKET INSULATION, UNFACED: ASTM C665, TYPE I. FORMALDEHYDE-FREE.

D. GLASS-FIBER BLANKET INSULATION, KRAFT-FACED: ASTM C665, TYPE II, CLASS C; CATEGORY 1.

E. MINERAL-WOOL BLANKET INSULATION, UNFACED: ASTM C665, TYPE I. FORMALDEHYDE-FREE.

F. RECYCLED CELLULOSIC-FIBER LOOSE-FILL INSULATION: ASTM C 739; CHEMICALLY TREATED FOR FLAME-RESISTANCE, PROCESSING, AND HANDLING CHARACTERISTICS. FORMALDEHYDE-FREE.

G. SPRAY POLYURETHANE FOAM INSULATION: ASTM C1029, TYPE II, CLOSED CELL, WITH MAXIMUM FLAME-SPREAD AND SMOKE-DEVELOPED INDEXES OF 75 AND 450, RESPECTIVELY, PER ASTM E84.

H. EAVE VENTILATION TROUGHS: PREFORMED, RIGID FIBERBOARD OR PLASTIC SHEETS DESIGNED AND SIZED TO FIT BETWEEN ROOF FRAMING MEMBERS AND TO PROVIDE VENTILATION BETWEEN INSULATED ATTIC SPACES AND VENTED EAVES.

1.2 INSTALLATION

A. COMPLY WITH INSULATION MANUFACTURER'S WRITTEN INSTRUCTIONS.

B. EXTEND INSULATION TO ENVELOP ENTIRE AREA TO BE INSULATED. FIT TIGHTLY AROUND OBSTRUCTIONS AND FILL VOIDS WITH INSULATION. REMOVE PROJECTIONS THAT INTERFERE WITH PLACEMENT.

C. MISCELLANEOUS VOIDS: INSTALL INSULATION IN MISCELLANEOUS VOIDS AND CAVITY SPACES WHERE REQUIRED TO PREVENT GAPS IN INSULATION ENVELOPE.

D. BLANKET INSULATION: INSTALL BLANKETS IN CAVITIES FORMED BY FRAMING MEMBERS. FOR WOOD-FRAMED CONSTRUCTION, INSTALL BLANKETS ACCORDING TO ASTM C1320. INSTALL EAVE VENTILATION TROUGHS BETWEEN ROOF FRAMING MEMBERS IN INSULATED ATTIC SPACES AT VENTED EAVES.

E. PLACE LOOSE-FILL INSULATION TO COMPLY WITH ASTM C 1015. COMPLY WITH THE CELLULOSE INSULATION MANUFACTURERS ASSOCIATION'S "SPECIAL REPORT-STANDARD PRACTICE FOR INSTALLING CELLULOSE INSULATION." SPRAY-APPLIED INSULATION: APPLY SPRAY-APPLIED INSULATION ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS.

SECTION 072500 - WEATHER BARRIERS

1.1 MATERIALS

A. BUILDING WRAP: ASTM E1677, TYPE I AIR BARRIER; WITH FLAME-SPREAD AND SMOKE-DEVELOPED INDEXES OF LESS THAN 25 AND 450, RESPECTIVELY, WHEN TESTED ACCORDING TO ASTM E84; UV STABILIZED; AND ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.

1. WATER-VAPOR PERMEANCE: NOT LESS THAN 20 PERMS PER ASTM E96/E96M, DESICCANT METHOD, PROCEDURE A.
2. APPLICATION: INSTALL OVER SHEATHING AT MISCELLANEOUS EXTERIOR WALL INFILL AREAS

B. BUILDING-WRAP TAPE: PRESSURE-SENSITIVE PLASTIC TAPE RECOMMENDED BY BUILDING-WRAP MANUFACTURER FOR SEALING JOINTS AND PENETRATIONS IN BUILDING WRAP.

C. RUBBERIZED-ASPHALT FLASHING: COMPOSITE, SELF-ADHESIVE, FLASHING PRODUCT CONSISTING OF A PLIABLE, RUBBERIZED-ASPHALT COMPOUND, BONDED TO A HIGH-DENSITY POLYETHYLENE FILM, ALUMINUM FOIL, OR SPUNBONDED POLYOLEFIN TO PRODUCE AN OVERALL THICKNESS OF NOT LESS THAN 0.040 INCH.

1.2 INSTALLATION

A. COVER SHEATHING WITH WATER-RESISTIVE BARRIER. APPLY BARRIER TO COVER VERTICAL FLASHING WITH A MINIMUM 4-INCH OVERLAP UNLESS OTHERWISE INDICATED.

B. BUILDING WRAP: COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS AND WARRANTY REQUIREMENTS.

1. SEAL SEAMS, EDGES, FASTENERS, AND PENETRATIONS WITH TAPE TO CREATE AN AIRTIGHT MEMBRANE.
2. EXTEND INTO JAMBS OF OPENINGS AND SEAL CORNERS WITH TAPE.

C. FLEXIBLE FLASHING: APPLY WHERE INDICATED TO COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS.

1. LAP SEAMS AND JUNCTURES WITH OTHER MATERIALS AT LEAST 4 INCHES EXCEPT THAT AT FLASHING FLANGES OF OTHER CONSTRUCTION, LAPS NEED NOT EXCEED FLANGE WIDTH.
2. LAP FLASHING OVER WATER-RESISTIVE BARRIER AT BOTTOM AND SIDES OF OPENINGS.
3. LAP WATER-RESISTIVE BARRIER OVER FLASHING AT HEADS OF OPENINGS.

SECTION 072600 - VAPOR RETARDERS

1.1 UNDERSLAB VAPOR RETARDERS

A. SHEET VAPOR RETARDER, CLASS A: ASTM E1745, CLASS A; NOT LESS THAN 10 MILS THICK. INCLUDE MANUFACTURER'S RECOMMENDED ADHESIVE OR PRESSURE-SENSITIVE TAPE.

1.2 INSTALLATION OF VAPOR RETARDER

A. SHEET VAPOR RETARDERS: PLACE, PROTECT, AND REPAIR SHEET VAPOR RETARDER IN ACCORDANCE WITH ASTM E1643 AND MANUFACTURER'S WRITTEN INSTRUCTIONS.

1. SEAL PENETRATIONS IN ACCORDANCE WITH VAPOR RETARDER MANUFACTURER'S INSTRUCTIONS.
2. PROTECT VAPOR RETARDER DURING PLACEMENT OF REINFORCEMENT AND CONCRETE.

B. REPAIR DAMAGED AREAS BY PATCHING WITH VAPOR RETARDER MATERIAL, OVERLAPPING DAMAGES AREA BY 6 INCHES ON ALL SIDES, AND SEALING TO VAPOR RETARDER.

SECTION 073113 - ASPHALT SHINGLES

1.1 GENERAL SECTION REQUIREMENTS

A. MANUFACTURER'S WARRANTY: 25 YEARS FROM DATE OF SUBSTANTIAL COMPLETION, PRORATED, WITH FIRST FIVE YEARS NONPRORATED.

B. WIND-SPEED WARRANTY PERIOD: ASPHALT SHINGLES WILL RESIST BLOW-OFF OR DAMAGE CAUSED BY WIND SPEEDS OF UP TO 90 MPH FOR FIVE YEARS FROM DATE OF SUBSTANTIAL COMPLETION.

C. ALGAE-RESISTANCE WARRANTY PERIOD: ASPHALT SHINGLES WILL NOT DISCOLOR FOR 10 YEARS FROM DATE OF SUBSTANTIAL COMPLETION.

D. WORKMANSHIP WARRANTY PERIOD: TWO YEARS FROM DATE OF SUBSTANTIAL COMPLETION.

1.2 ASPHALT SHINGLE ROOFING MATERIALS

A. THREE-TAB-STRIP ASPHALT SHINGLES: ASTM D3462/D3462M; GLASS-FIBER REINFORCED, MINERAL-GRANULE SURFACED, ALGAE RESISTANT AND SELF-SEALING; WITH TABS REGULARLY SPACED.

1. COLOR: AS SELECTED BY ARCHITECT.

B. FELT: ASTM D 226/D 226M, ASPHALT-SATURATED ORGANIC FELTS, NONPERFORATED.

C. SELF-ADHERING SHEET UNDERLAYMENT, POLYETHYLENE FACED: ASTM D 1970/D 1970M, MINIMUM OF 40-MIL-THICK, SLIP-RESISTING, POLYETHYLENE-FILM-REINFORCED TOP SURFACE LAMINATED TO SBS-MODIFIED ASPHALT ADHESIVE, WITH RELEASE BACKING; COLD APPLIED.

1.3 INSTALLATION

A. UNDERLAYMENT: COMPLY WITH UNDERLAYMENT MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS APPLICABLE TO PRODUCTS AND APPLICATIONS INDICATED UNLESS MORE STRINGENT REQUIREMENTS APPLY.

B. SELF-ADHERING SHEET UNDERLAYMENT: INSTALL 36" WIDE STRIPS AT ROOF PERIMETER EDGES, AND AT FLASHINGS AND PENETRATIONS.

C. GENERAL: INSTALL ASPHALT SHINGLES ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS, RECOMMENDATIONS IN ARMA'S "RESIDENTIAL ASPHALT ROOFING MANUAL," AND RECOMMENDATIONS IN NRCA'S "NRCA GUIDELINES FOR ASPHALT SHINGLE ROOF SYSTEMS."

SECTION 074646 - FIBER-CEMENT SIDING

1.1 FIBER-CEMENT SIDING, SOFFITS AND TRIM

A. GENERAL: ASTM C1186, TYPE A, GRADE II, FIBER-CEMENT BOARD, NONCOMBUSTIBLE WHEN TESTED ACCORDING TO ASTM E136; WITH A FLAME-SPREAD INDEX OF 25 OR LESS WHEN TESTED ACCORDING TO ASTM E84.

B. SIDING: 5/16 INCH THICK, MINIMUM, HORIZONTAL BOARDS, PLAIN STYLE, SMOOTH TEXTURE, WIDTH AS INDICATED.

C. PANELS: 1/4 -INCH THICK MINIMUM, SMOOTH TEXTURE.

1. SIZE: MANUFACTURER'S LARGEST SIZE AVAILABLE TO MINIMIZE EXPOSED JOINTS.

D. SOFFITS: 5/16-INCH THICK MINIMUM, VENTED.

E. TRIM: 3/4 INCH OR 5/4 INCH THICK AS INDICATED ON DRAWINGS, SMOOTH TEXTURE.

F. FACTORY PRIMING: MANUFACTURER'S STANDARD ACRYLIC PRIMER.

1.2 ACCESSORIES

A. SIDING ACCESSORIES, GENERAL: PROVIDE STARTER STRIPS, METAL EDGE TRIM, OUTSIDE AND INSIDE CORNER CAPS, AND OTHER ITEMS AS RECOMMENDED BY SIDING MANUFACTURER FOR BUILDING CONFIGURATION.

B. FLASHING: PROVIDE ALUMINUM FLASHING COMPLYING WITH SECTION 076200 "SHEET METAL FLASHING AND TRIM" AT WINDOW AND DOOR HEADS AND WHERE INDICATED.

1. FINISH: HIGH-PERFORMANCE ORGANIC FINISH.

C. FASTENERS: HOT-DIP GALVANIZED OR STAINLESS-STEEL SIDING NAILS OR RIBBED BUGLE-HEAD SCREWS OF SUFFICIENT LENGTH TO PENETRATE A MINIMUM OF 1 INCH INTO SUBSTRATE.

1.3 INSTALLATION

A. GENERAL: COMPLY WITH MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS APPLICABLE TO PRODUCTS AND APPLICATIONS INDICATED UNLESS MORE STRINGENT REQUIREMENTS APPLY.

1. INSTALL FASTENERS NO MORE THAN 24 INCHES ON CENTER.

B. INSTALL JOINT SEALANTS AS SPECIFIED IN SECTION 079200 "JOINT SEALANTS" AND TO PRODUCE A WEATHERTIGHT INSTALLATION.

SECTION 075423 - THERMOPLASTIC-POLYOLEFIN (TPO) ROOFING

1.1 GENERAL SECTION REQUIREMENTS

A. INSTALLER QUALIFICATIONS: A QUALIFIED FIRM THAT IS APPROVED, AUTHORIZED, OR LICENSED BY ROOFING SYSTEM MANUFACTURER TO INSTALL MANUFACTURER'S PRODUCT AND THAT IS ELIGIBLE TO RECEIVE MANUFACTURER'S SPECIAL WARRANTY.

B. SPRI'S DIRECTORY OF ROOF ASSEMBLIES LISTING: COMPLY WITH REQUIREMENTS IN FM APPROVALS 4450 OR FM APPROVALS 4470 AS PART OF A ROOFING SYSTEM, AND ARE LISTED IN SPRI'S DIRECTORY OF ROOF ASSEMBLIES.

C. EXTERIOR FIRE-TEST EXPOSURE: ASTM E108 OR UL 790, CLASS B.

D. SPECIAL WARRANTY: WITHOUT MONETARY LIMIT, MANUFACTURER AGREES TO REPAIR OR REPLACE COMPONENTS OF ROOFING SYSTEM THAT FAIL IN MATERIALS OR WORKMANSHIP FOR WARRANTY PERIOD OF 20 YEARS.

E. EXISTING BOX GUTTERS: REPAIR WOOD SUPPORTS AND DETERIORATED SHEET METAL SURFACING. RE-LINE GUTTERS WITH PVC MEMBRANE AND TRIM ACCESSORIES. HEAT WELD SEAMS WATERTIGHT.

1.2 ROOFING MATERIALS

A. TPO SHEET: ASTM D6878/D6878M, INTERNALLY FABRIC- OR SCRIM-REINFORCED, 60 MILS, WHITE.

B. SHEET FLASHING: 55 MILS UNREINFORCED TPO SHEET FLASHING.

C. FASTENERS: FACTORY-COATED STEEL FASTENERS AND METAL OR PLASTIC PLATES COMPLYING WITH CORROSION-RESISTANCE PROVISIONS IN FM APPROVALS 4470.

D. POLYISOCYANURATE BOARD INSULATION: ASTM C1289, TYPE II, CLASS 1, GRADE 2, FELT OR GLASS-FIBER MAT FACER ON BOTH MAJOR SURFACES. FABRICATE TAPERED INSULATION WITH SLOPE OF 1/4 INCH PER 12 INCHES UNLESS OTHERWISE INDICATED.

E. FLEXIBLE WALKWAYS: FACTORY-FORMED, NONPOROUS, HEAVY-DUTY, SLIP-RESISTING, SURFACE-TEXTURED WALKWAY PADS OR ROLLS, APPROXIMATELY 3/16 INCH THICK.

1.3 INSTALLATION

A. INSTALL ROOFING SYSTEM ACCORDING TO ROOFING SYSTEM MANUFACTURER'S WRITTEN INSTRUCTIONS, SPRI'S DIRECTORY OF ROOF ASSEMBLIES LISTED ROOF ASSEMBLY REQUIREMENTS, AND FM GLOBAL PROPERTY LOSS PREVENTION DATA SHEET 1-29.

B. FLASH PENETRATIONS AND FIELD-FORMED INSIDE AND OUTSIDE CORNERS WITH CURED OR UNCURED SHEET FLASHING. CLEAN SEAM AREAS, OVERLAP, AND FIRMLY ROLL SHEET FLASHINGS INTO THE ADHESIVE. HOT-AIR WELD SIDE AND END LAPS TO ENSURE A WATERTIGHT SEAM INSTALLATION.

C. TERMINATE AND SEAL TOP OF SHEET FLASHINGS AND MECHANICALLY ANCHOR TO SUBSTRATE THROUGH TERMINATION BARS.

SECTION 076200 - SHEET METAL FLASHING AND TRIM

1.1 GENERAL REQUIREMENTS

A. SHEET METAL FLASHING AND TRIM ASSEMBLIES SHALL WITHSTAND WIND LOADS, STRUCTURAL MOVEMENT, THERMALLY INDUCED MOVEMENT, AND EXPOSURE TO WEATHER WITHOUT FAILURE OR OTHER DEFECTS IN CONSTRUCTION. COMPLETED SHEET METAL FLASHING SHALL REMAIN WATERTIGHT.

B. SHEET METAL STANDARD: COMPLY WITH NRCA'S "THE NRCA ROOFING MANUAL: ARCHITECTURAL METAL FLASHING, CONDENSATION AND AIR LEAKAGE CONTROL, AND REROOFING" AND SMACNA'S "ARCHITECTURAL SHEET METAL MANUAL" (ASMM) REQUIREMENTS UNLESS MORE STRINGENT REQUIREMENTS ARE INDICATED.

C. THERMAL MOVEMENTS: ALLOW FOR THERMAL MOVEMENTS FROM AMBIENT AND SURFACE TEMPERATURE CHANGES. TEMPERATURE CHANGE: 120 DEG F, AMBIENT; 180 DEG F, MATERIAL SURFACES.

1.2 MATERIALS AND COMPONENTS

A. ALUMINUM SHEET: ASTM B209, ALLOY AS STANDARD WITH MANUFACTURER FOR FINISH REQUIRED, WITH SMOOTH, FLAT SURFACE.

1. EXPOSED COIL-COATED FINISH: TWO-COAT FLUOROPOLYMER: AAMA 2605. FLUOROPOLYMER FINISH CONTAINING NOT LESS THAN 70 PERCENT POLYVINYLIDENE FLUORIDE (PVDF) RESIN BY WEIGHT IN COLOR COAT.
2. COLOR(S): AS INDICATED OR AS SELECTED BY ARCHITECT.

B. FELT: ASTM D226/D226M, TYPE II (NO. 30), ASPHALT-SATURATED ORGANIC FELT; NONPERFORATED.

C. SELF-ADHERING, HIGH-TEMPERATURE SHEET UNDERLAYMENT: MINIMUM 30 MILS THICK, SLIP-RESISTANT POLYETHYLENE- OR POLYPROPYLENE-FILM TOP SURFACE LAMINATED TO A LAYER OF BUTYL- OR SBS-MODIFIED ASPHALT ADHESIVE, WITH RELEASE-PAPER BACKING.

D. BUTYL SEALANT: ASTM C1311, SINGLE-COMPONENT, SOLVENT-RELEASE BUTYL RUBBER SEALANT.

E. COPINGS: ALUMINUM: 0.050 INCH THICK. FABRICATE JOINT PLATES OF SAME THICKNESS AS COPINGS. MITER CORNERS, FASTEN AND SEAL WATERTIGHT. SHOP FABRICATE INTERIOR AND EXTERIOR CORNERS.

F. HANGING GUTTERS: ALUMINUM: 0.032 INCH THICK FABRICATE TO CROSS SECTION REQUIRED, COMPLETE WITH END PIECES, OUTLET TUBES, AND OTHER ACCESSORIES.

G. DOWNSPOUTS: ALUMINUM: 0.024 INCH THICK. RECTANGULAR, WITH MITERED ELBOWS.

H. APRON, STEP, CRICKET, AND BACKER FLASHING, DRIP EDGES, AND WALL OPENING FLASHING: ALUMINUM, 0.032 INCH THICK.

1.3 INSTALLATION

A. COMPLY WITH SMACNA ASMM. ALLOW FOR THERMAL EXPANSION; SET TRUE TO LINE AND LEVEL. INSTALL WORK WITH LAPS, JOINTS, AND SEAMS PERMANENTLY WATERTIGHT AND WEATHERPROOF; CONCEAL FASTENERS WHERE POSSIBLE.

B. INSTALL LOW SLOPE ROOF EDGE FLASHINGS IN ACCORDANCE WITH ANSI/SPRI/FM 4435/ES-1.

C. GUTTER AND DOWNSPOUTS: SIZE ACCORDING TO SMACNA ASMM.

D. HANGING GUTTERS: ATTACH GUTTERS AT EAVE OR FASCIA TO FIRMLY ANCHOR THEM IN POSITION. SLOPE TO DOWNSPOUTS PROVIDE END CLOSURES AND SEAL WATERTIGHT WITH SEALANT. DOWNSPOUTS: JOIN SECTIONS WITH 1-1/2-INCH TELESCOPING JOINTS. PROVIDE HANGERS WITH FASTENERS DESIGNED TO HOLD DOWNSPOUTS SECURELY TO WALLS. LOCATE HANGERS AT TOP AND BOTTOM AND AT APPROXIMATELY 60 INCHES O.C.

SECTION 078100 - APPLIED FIRE PROTECTION

1.1 GENERAL SECTION REQUIREMENTS

A. FIRE-RESISTANCE DESIGN: INDICATED ON DRAWINGS, TESTED IN ACCORDANCE WITH ASTM E119 OR UL 263; TESTING BY A QUALIFIED TESTING AGENCY. IDENTIFY PRODUCTS WITH APPROPRIATE MARKINGS OF APPLICABLE TESTING AGENCY.

1.2 FIRE-RESISTIVE MATERIALS AND COATINGS

A. SPRAYED FIRE-RESISTIVE MATERIAL: MANUFACTURER'S STANDARD, FACTORY-MIXED, LIGHTWEIGHT, DRY FORMULATION, COMPLYING WITH INDICATED FIRE-RESISTANCE DESIGN, AND MIXED WITH WATER AT PROJECT SITE TO FORM A SLURRY OR MORTAR BEFORE CONVEYANCE AND APPLICATION OR CONVEYED IN A DRY STATE AND MIXED WITH ATOMIZED WATER AT PLACE OF APPLICATION.

1. BOND STRENGTH: MINIMUM 150-LBF/SQ. FT. COHESIVE AND ADHESIVE STRENGTH BASED ON FIELD TESTING IN ACCORDANCE WITH ASTM E736.
2. THICKNESS: AS REQUIRED FOR FIRE-RESISTANCE DESIGN INDICATED, MEASURED IN ACCORDANCE WITH REQUIREMENTS OF FIRE-RESISTANCE DESIGN OR ASTM E605, WHICHEVER IS THICKER, BUT NOT LESS THAN 0.375 INCH.

B. MASTIC AND INTUMESCENT FIRE-RESISTIVE COATING: MANUFACTURER'S STANDARD, FACTORY-MIXED FORMULATION OR FACTORY-MIXED, MULTICOMPONENT SYSTEM CONSISTING OF INTUMESCENT BASE COAT AND TOPCOAT, AND COMPLYING WITH INDICATED FIRE-RESISTANCE DESIGN.

1. THICKNESS: AS REQUIRED FOR FIRE-RESISTANCE DESIGN INDICATED, MEASURED IN ACCORDANCE WITH REQUIREMENTS OF FIRE-RESISTANCE DESIGN.
2. FINISH AND COLOR: AS SELECTED BY ARCHITECT FROM MANUFACTURER'S STANDARD FINISHES.

C. PROVIDE AUXILIARY MATERIALS THAT ARE COMPATIBLE WITH FIRE-RESISTIVE MATERIAL AND COATINGS AND SUBSTRATES AND ARE APPROVED BY UL OR ANOTHER TESTING AND INSPECTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION FOR USE IN FIRE-RESISTANCE DESIGNS INDICATED.

1.3 APPLICATION

A. PRIME SUBSTRATES WHERE INCLUDED IN FIRE-RESISTANCE DESIGN AND WHERE RECOMMENDED IN WRITING BY SPRAYED FIRE-RESISTIVE MATERIAL MANUFACTURER.

B. CONSTRUCT FIRE PROTECTION ASSEMBLIES THAT ARE IDENTICAL TO FIRE-RESISTANCE DESIGN INDICATED AND PRODUCTS AS SPECIFIED, TESTED, AND SUBSTANTIATED BY TEST REPORTS; FOR THICKNESS, PRIMERS, SEALERS, TOPCOATS, FINISHING, AND OTHER MATERIALS AND PROCEDURES AFFECTING FIRE PROTECTION WORK.

C. COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS FOR MIXING MATERIALS, APPLICATION PROCEDURES, AND TYPES OF EQUIPMENT USED TO MIX, CONVEY, AND APPLY FIRE PROTECTION; AS APPLICABLE TO PARTICULAR CONDITIONS OF INSTALLATION AND AS REQUIRED TO ACHIEVE FIRE-RESISTANCE RATINGS INDICATED.

D. SPRAY APPLY FIRE PROTECTION TO MAXIMUM EXTENT POSSIBLE. AFTER THE SPRAYING OPERATION IN EACH AREA, COMPLETE THE COVERAGE BY TROWEL APPLICATION OR OTHER PLACEMENT METHOD RECOMMENDED IN WRITING BY SPRAYED FIRE-RESISTIVE MATERIAL MANUFACTURER.

E. DO NOT INSTALL ENCLOSING OR CONCEALING CONSTRUCTION UNTIL AFTER FIRE-RESISTIVE MATERIAL HAS BEEN APPLIED, INSPECTED, AND TESTED AND CORRECTIONS HAVE BEEN MADE TO DEFICIENT APPLICATIONS.

F. FINISHES: WHERE INDICATED, APPLY FIRE RESISTIVE COATINGS TO PRODUCE THE FINISH INDICATED.

1.4 FIELD QUALITY CONTROL

A. SPECIAL INSPECTIONS: OWNER WILL ENGAGE A QUALIFIED SPECIAL INSPECTOR TO TEST AND INSPECT AS REQUIRED BY THE IBC, CHAPTER 17 SUBSECTION, "SPRAYED FIRE-RESISTANT MATERIALS."

1. REMOVE AND REPLACE FIRE PROTECTION AND APPLY ADDITIONAL FIRE PROTECTION THAT DOES NOT PASS TESTS AND INSPECTIONS, AND RETEST.

SECTION 077200 - ROOF HATCHES

1.1 ROOF HATCHES

A. PRODUCT: BILCO COMPANY; NO. F-50TB OR COMPARABLE SUBSTITUTION SUBJECT TO APPROVAL BY ARCHITECT.

B. CURB HEIGHT: 12 INCHES MINIMUM ABOVE ROOFING SURFACE UNLESS OTHERWISE INDICATED.

C. HARDWARE: TYPE 316 STAINLESS STEEL HINGES. SPRING OPERATORS, HOLD-OPEN ARM, GALVANIZED STEEL SPRING LATCH WITH TURN HANDLES, GALVANIZED STEEL BUTT- OR PINTLE-TYPE HINGE SYSTEM, AND PADLOCK HASPS INSIDE AND OUTSIDE.

1.2 INSTALLATION

A. VERIFY DIMENSIONS OF ROOF OPENINGS FOR ROOF ACCESSORIES. INSTALL ROOF ACCESSORIES ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS.

SECTION 078400 - FIRESTOPPING

1.1 GENERAL SECTION REQUIREMENTS

A. INSTALLER QUALIFICATIONS: COMPANY SPECIALIZING IN PERFORMING THE WORK OF THIS SECTION AND APPROVED BY FACTORY MUTUAL RESEARCH CORPORATION UNDER FM 4991, OR BEEN EVALUATED BY UL AND FOUND TO COMPLY WITH ITS "QUALIFIED FIRESTOP CONTRACTOR PROGRAM REQUIREMENTS."

B. FIRE-TEST-RESPONSE CHARACTERISTICS: PERFORM PENETRATION FIRESTOPPING SYSTEM TESTS BY A QUALIFIED TESTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.

C. PENETRATION FIRESTOPPING SYSTEMS SHALL BEAR CLASSIFICATION MARKING OF A QUALIFIED TESTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.

D. FIRE RATING, F-RATING AND T-RATING: EQUAL TO OR EXCEEDING THE FIRE-RESISTANCE RATING OF THE CONSTRUCTION WHICH IT IS INSTALLED UNLESS INDICATED OTHERWISE.

1.2 FIRESTOPPING SYSTEMS

A. JOINTS IN OR BETWEEN FIRE-RESISTANCE-RATED CONSTRUCTION: PROVIDE JOINT FIRESTOPPING SYSTEMS WITH RATINGS DETERMINED PER ASTM E 1966 OR UL 2079.

B. PENETRATIONS IN FIRE-RESISTANCE-RATED WALLS: PENETRATION FIRESTOPPING SYSTEMS WITH RATINGS DETERMINED PER ASTM E 814 OR UL 1479, BASED ON TESTING AT A POSITIVE PRESSURE DIFFERENTIAL OF 0.01-INCH WG.

C. PENETRATIONS IN HORIZONTAL ASSEMBLIES: PENETRATION FIRESTOPPING SYSTEMS WITH RATINGS DETERMINED PER ASTM E 814 OR UL 1479, BASED ON TESTING AT A POSITIVE PRESSURE DIFFERENTIAL OF 0.01-INCH WG.

1. F-RATING AND T-RATING: AT LEAST ONE HOUR.

D. ACCESSORIES: PROVIDE COMPONENTS OF FIRE-RESISTIVE JOINT SYSTEMS, INCLUDING PRIMERS AND FORMING MATERIALS, THAT ARE NEEDED TO INSTALL ELASTOMERIC FILL MATERIALS AND TO MAINTAIN RATINGS REQUIRED. USE ONLY COMPONENTS SPECIFIED BY JOINT FIRESTOPPING SYSTEM MANUFACTURER AND APPROVED BY THE QUALIFIED TESTING AGENCY FOR CONDITIONS INDICATED.

1.3 INSTALLATION

A. INSTALL MATERIALS IN MANNER DESCRIBED IN FIRE TEST REPORT AND IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS, COMPLETELY CLOSING OPENINGS.

1.4 FIELD QUALITY CONTROL

A. INDEPENDENT TESTING AGENCY: INSPECTION AGENCY EMPLOYED AND PAID BY OWNER, WILL EXAMINE PENETRATION FIRESTOPPING IN ACCORDANCE WITH ASTM E2174, AND ASTM E2393.

B. REPAIR OR REPLACE PENETRATION FIRESTOPPING AND JOINTS AT LOCATIONS WHERE INSPECTION RESULTS INDICATE FIRESTOPPING OR JOINTS DO NOT MEET SPECIFIED REQUIREMENTS. PROCEED WITH ENCLOSING JOINT FIRESTOPPING SYSTEMS WITH OTHER CONSTRUCTION ONLY AFTER INSPECTION REPORTS ARE ISSUED AND INSTALLATIONS COMPLY WITH REQUIREMENTS.

SECTION 079200 - JOINT SEALANTS

1.1 JOINT SEALANT MATERIALS

A. INTERIOR SEALANTS AND ADHESIVES: VOC CONTENT LESS THAN OR EQUAL TO SCAQMD 1168 THRESHOLDS. REFER TO SECTION 018113.

B. COMPATIBILITY: PROVIDE JOINT SEALANTS, JOINT FILLERS, AND OTHER RELATED MATERIALS THAT ARE COMPATIBLE WITH ONE ANOTHER AND WITH JOINT SUBSTRATES UNDER SERVICE AND APPLICATION CONDITIONS.

C. EXTERIOR VERTICAL SURFACES AND HORIZONTAL NONTRAFFIC SURFACES: SILICONE, ASTM C 920, NEUTRAL-CURING TYPE S, GRADE NS, CLASS 50, FOR USE NT.

D. INTERIOR MILDEW-RESISTANT ON VERTICAL SURFACES AND HORIZONTAL NONTRAFFIC SURFACES: SILICONE, ASTM C 920, MILDEW-RESISTANT, ACID OR NEUTRAL-CURING, TYPE S, GRADE NS, CLASS 25, FOR USE NT.

E. EXTERIOR AND INTERIOR HORIZONTAL TRAFFIC SURFACES: SILICONE, ASTM C 920, NEUTRAL-CURING, TYPE S, GRADE NS OR P, CLASS 100/50, FOR USE T.

F. INTERIOR VERTICAL AND HORIZONTAL NONTRAFFIC, NONMOVING JOINTS: ACRYLIC LATEX OR SILICONIZED ACRYLIC LATEX, ASTM C 834, TYPE OP, GRADE NF.

G. ACOUSTICAL JOINT SEALANT: NONSAG, PAINTABLE, NONSTAINING LATEX SEALANT COMPLYING WITH ASTM C 834 THAT REDUCES AIRBORNE SOUND TRANSMISSION ACCORDING TO ASTM E 90.

H. CYLINDRICAL SEALANT BACKINGS: ASTM C 1330, TYPE C.

I. BOND-BREAKER TAPE AND PRIMER: MATERIALS RECOMMENDED BY SEALANT MANUFACTURER.

1.2 INSTALLATION

A. PREPARATION: CLEAN OUT JOINTS IMMEDIATELY BEFORE INSTALLING JOINT SEALANTS TO COMPLY WITH JOINT-SEALANT MANUFACTURER'S WRITTEN INSTRUCTIONS. PRIME JOINT SUBSTRATES WHERE RECOMMENDED BY JOINT-SEALANT MANUFACTURER.COMPLY WITH ASTM C 1193 AND JOINT-SEALANT MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS FOR PRODUCTS AND APPLICATIONS INDICATED.

08 - OPENINGS

SECTION 080152 - MAINTENANCE OF WOOD WINDOWS

1.1 GENERAL AND HISTORIC REQUIREMENTS

A. WORK SHALL COMPLY WITH OWNER'S HISTORIC PRESERVATION TAX CREDIT PROGRAM. COMPLY WITH CERTIFICATION APPLICATION PART 2 DOCUMENTS AND NPS HISTORIC PRESERVATION BRIEF 9.

B. MOCK-UPS:

1. MOCK-UP A REPAIR OF ARCHITECT SELECTED WINDOW FOR REVIEW AND BASIS FOR FURTHER WORK.
2. INSTALL ONE STORM WINDOW WITH SCREEN FOR REVIEW BEFORE INSTALLING THE REMAINING UNITS.

C. WOOD-WINDOW-REPAIR SPECIALIST QUALIFICATIONS: A QUALIFIED WOOD WINDOW SPECIALIST, EXPERIENCED IN REPAIRING, REFINISHING, AND REPLACING EXISTING WOOD WINDOWS IN WHOLE AND IN PART.

D. QUALITY STANDARD: AWI'S "ARCHITECTURAL WOODWORK STANDARDS" (AWS); GRADE: CUSTOM.

E. APPEARANCE STANDARD: COMPLETED WORK IS TO HAVE A UNIFORM APPEARANCE AS VIEWED BY ARCHITECT FROM THE WINDOW INTERIOR AT 10 FEET AWAY AND FROM THE WINDOW EXTERIOR AT 20 FEET AWAY.

1.2 NEW WINDOW UNITS

A. REPLICATED WINDOWS: INSTALL REPLICATED WOOD WINDOW FRAMES AND SASH ONLY IF ITIS TOTALLY IMPRACTICAL TO RESTORE FROM A PHYSICAL STANDPOINT AND WITH APPROVAL FROM OWNER AND ARCHITECT.. PROVIDE CUSTOM-REPLICATED REPLACEMENT WOOD UNITS AND TRIM, WITH OPERATING AND LATCHING HARDWARE. MATCH EXISTING.

B. NEW REPLACEMENT ALUMINUM STORM WINDOWS: ALLIED WINDOW INC.; HISTORIC ONE LITE WITH SCREEN. BAKED-ENAMEL POWDER-COATED FINISH, AAMA 2603. COLOR: AS SELECTED BY ARCHITECT.

1.3 WINDOW REPAIR AND REPLACEMENT MATERIALS

A. HISTORIC WOOD REPAIR AND REPLACEMENT MATERIALS: REFER TO SECTION 062000.

B. SILICONE GLAZING PRODUCTS: REFER TO SECTIONS 0792000 AND 088000.

C. HARDWARE: PROVIDE NEW HARDWARE. MATCH TYPE, FUNCTION AND FINISH OF EXISTING.

D. LIMIT DEVICES: COMPLY WITH APPLICABLE REQUIREMENTS OF SECTION 085200.

E. SLIDING-TYPE WEATHER STRIPPING: WOVEN-PILE WEATHER STRIPPING OF WOOL, POLYPROPYLENE, OR NYLON PILE AND BACKING FABRIC, WITH INTEGRAL BARRIER FINS OF SEMIRIGID, POLYPROPYLENE.

F. METAL WEATHER STRIPPING: ZINC WEATHER STRIPPING; TWO INTERLOCKING PIECES.

1.4 WOOD WINDOW FINISHES

A. REPAIRED SASH AND FRAMES: DOUBLE-PRIME PAINTED ON ALL SURFACES BEFORE GLAZING.

B. FINISH COATS: COMPLY WITH SECTION 099100.

1.5 WOOD WINDOW REPAIRS

A. GENERAL: DISTURB WINDOWS UNITS AS MINIMALLY AS POSSIBLE. COMPLY WITH NPS HISTORIC PRESERVATION BRIEF 9. PERFORM A COMPLETE EVALUATION SURVEY OF THE EXISTING CONDITIONS.

1. CLEAN WOOD WINDOWS OF MILDEW, PLANT MATERIAL, LOOSE PAINT, DIRT, AND OTHER DEBRIS.
2. STABILIZE AND REPAIR WOOD WINDOWS TO REESTABLISH STRUCTURAL INTEGRITY AND WEATHER RESISTANCE WHILE MAINTAINING THE EXISTING FORM.
3. REMOVE COATINGS AND APPLY BORATE PRESERVATIVE TREATMENT BEFORE REPAIR.
4. REPAIR AND REFINISH EXISTING HARDWARE: DISMANTLE WINDOW HARDWARE; STRIP PAINT, REPAIR, AND REFINISH IT TO MATCH FINISH SAMPLES; AND LUBRICATE MOVING PARTS JUST ENOUGH TO FUNCTION SMOOTHLY. REPLACE HARDWARE IF REQUIRED. REINSTALL OPERATING HARDWARE.
5. REPAIR WOOD WINDOWS: MATCH EXISTING MATERIALS AND FEATURES. REPAIR WOOD WINDOWS BY CONSOLIDATING, PATCHING, SPLICING, OR REINFORCING WOOD WITH NEW WOOD.
6. MILL NEW AND ROUT EXISTING SASH MEMBERS TO ACCOMMODATE NEW GLASS THICKNESS.

B. WOOD WINDOW PATCH-TYPE REPAIR

1. GENERAL: PATCH WOOD MEMBERS THAT EXHIBIT DEPRESSIONS, HOLES, OR SIMILAR VOIDS AND THAT HAVE LIMITED AMOUNTS OF ROTTED OR DECAYED WOOD.
2. APPLY BORATE PRESERVATIVE TREATMENT TO ACCESSIBLE SURFACES AFTER REMOVING ROTTED OR DECAYED WOOD AND BEFORE APPLYING WOOD CONSOLIDANT OR PATCHING COMPOUND.
3. APPLY WOOD-PATCHING COMPOUND TO FILL DEPRESSIONS, NICKS, CRACKS, AND OTHER VOIDS CREATED BY REMOVED OR MISSING WOOD.
4. PRIME PAINT THEN SAND UNITS AND APPLY A SECOND PRIME COAT.

C. WOOD WINDOW MEMBER-REPLACEMENT REPAIR

1. GENERAL: REPLACE PARTS OF WOOD WINDOW ONLY WHERE DAMAGE IS TOO EXTENSIVE TO PATCH.
2. APPLY BORATE PRESERVATIVE TREATMENT TO ACCESSIBLE SURFACES AFTER REPLACEMENTS ARE MADE.
3. REPAIR REMAINING DEPRESSIONS, HOLES, OR SIMILAR VOIDS WITH PATCH-TYPE REPAIRS.
4. PRIME PAINT THEN SAND UNITS AND APPLY A SECOND PRIME COAT.

D. GLAZING WINDOW REINSTALLATION

1. SIZE GLASS AS REQUIRED BY PROJECT CONDITIONS TO PROVIDE NECESSARY BITE ON GLASS, MINIMUM EDGE AND FACE CLEARANCES, WITH REASONABLE TOLERANCES.
2. APPLY PRIMERS TO JOINT SURFACES WHERE REQUIRED FOR ADHESION OF GLAZING SYSTEM.
3. INSTALL SETTING BEAD, SIDE BEADS, AND BACK BEAD AGAINST STOP IN GLAZING RABBETS BEFORE SETTING GLASS, ACCORDING TO GLAZING-SYSTEM MANUFACTURER'S INSTRUCTIONS.
4. INSTALL GLAZING SYSTEM. COMPLY WITH APPLICABLE REQUIREMENTS OF SECTION 088000.
5. REINSTALL WINDOW UNITS REMOVED FOR REPAIR INTO ORIGINAL OPENINGS.

E. INSTALL NEW ALUMINUM STORM UNITS BY MOUNTING TO WINDOW FRAMES ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS. DO NOT CONCEAL WOOD BRICK MOLDS.

SECTION 080162 - MAINTENANCE OF SKYLIGHTS

1.1 GENERAL SECTION REQUIREMENTS

A. SKYLIGHT REPAIR SPECIALIST QUALIFICATIONS: A QUALIFIED GLAZIER, EXPERIENCED IN REPAIRING, REFINISHING, AND RESTORING GLAZED STEEL SKYLIGHTS.

B. WELDING QUALIFICATIONS: AWS D1.1/D1.1M, "STRUCTURAL WELDING CODE - STEEL."

1.2 REPAIR AND REPLACEMENT MATERIALS

A. GLAZING: PROVIDE GLASS MATCHING EXISTING TYPE AND THICKNESS AND OTHER GLAZING MATERIALS AS SPECIFIED IN SECTION 088000.

B. STEEL FRAMING: MATCH EXISTING. STEEL PLATES, SHAPES, AND BARS: ASTM A36/A36M.

1.3 SKYLIGHT REPAIR

A. REMOVE AND TAG EXISTING GLAZING. STORE IN A PROTECTED MANNER ON-SITE.

B. CLEAN, REPAIR AND RESTORE SKYLIGHT FRAMING. REPLACE EXISTING MEMBERS THAT ARE DETERIORATED AND NO LONGER SERVICEABLE.

1. WELD CORNERS AND SEAMS CONTINUOUSLY. USE MATERIALS AND METHODS THAT MINIMIZE DISTORTION AND DEVELOP STRENGTH AND CORROSION RESISTANCE OF BASE METALS.
2. USE METAL FINISH MATERIALS THAT ARE COMPATIBLE WITH ADHERENCE OF GLAZING MATERIALS.
3. PRIME STEEL FRAMING BEFORE GLAZING.

C. STEEL FRAMING FINISH: COMPLY WITH SECTION 099100 "PAINTING."

D. REPLACE BROKEN AND DAMAGED, AND NON-FITTING EXISTING GLASS LITES. COMPLY WITH APPLICABLE REQUIREMENTS OF SECTION 088000 "GLAZING."

SECTION 081113 - HOLLOW METAL DOORS AND FRAMES

1.1 GENERAL SECTION REQUIREMENTS

A. FIRE-RATED DOOR ASSEMBLIES: COMPLYING WITH NFPA 80 THAT ARE LISTED AND LABELED BY A QUALIFIED TESTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.

B. THERMALLY RATED DOOR ASSEMBLIES: PROVIDE DOOR ASSEMBLIES WITH U-FACTOR OF NOT MORE THAN 0.21 DEG BTU/F X H X SQ. FT. WHEN TESTED ACCORDING TO ASTM C 518.

1.2 INTERIOR STEEL DOORS

A. NON-FIRE RATED DOORS: STANDARD-DUTY DOORS AND FRAMES, SDI A250.8, LEVEL 1; SDI A250.4, LEVEL C.

1. DOOR FACE: UNCOATED STEEL SHEET, MINIMUM THICKNESS OF 0.032 INCH (20 GAGE).
2. CORE: UNINSULATED:

B. FIRE RATED DOORS: HEAVY-DUTY DOORS AND FRAMES, SDI A250.8, LEVEL 2; SDI A250.4, LEVEL B.

1. FACE: UNCOATED STEEL SHEET, MINIMUM THICKNESS OF 0.042 INCH. (18 GAGE).
2. FIRE-RATED CORE: MANUFACTURER'S STANDARD LAMINATED MINERAL BOARD CORE.

C. INTERIOR DOORS, GENERAL:

1. PANEL DOORS: EMBOSSED METAL FACING.
2. THICKNESS: 1-3/4 INCHES.
3. EDGE CONSTRUCTION: MODEL 1, FULL FLUSH.

1.3 EXTERIOR STEEL DOORS

A. HEAVY-DUTY DOORS AND FRAMES: SDI A250.8, LEVEL 2; SDI A250.4, LEVEL B.

B. DOORS:

1. THICKNESS: 1-3/4 INCHES.
2. FACE: METALLIC-COATED STEEL SHEET, MINIMUM THICKNESS OF 0.042 INCH (18 GAGE) WITH MINIMUM A40 COATING.
3. EDGE CONSTRUCTION: MODEL 1, FULL FLUSH.
4. EDGE BEVEL: PROVIDE MANUFACTURER'S STANDARD BEVELED OR SQUARE EDGES.
5. TOP AND BOTTOM EDGE CLOSURES: CLOSE EDGES OF DOORS WITH FLUSH CLOSURES OF SAME MATERIAL AS FACE SHEETS. SEAL JOINTS AGAINST WATER PENETRATION.PROVIDE WEEP-HOLE OPENINGS IN BOTTOMS OF EXTERIOR DOORS TO PERMIT MOISTURE TO ESCAPE.
6. CORE: INSULATED, POLYURETHANE.

1.4 METAL FRAMES

A. INTERIOR NON-RATED, STUD WALLS: UNCOATED STEEL SHEET, 0.042 INCH THICK, KNOCKED DOWN.

B. INTERIOR MASONRY WALLS AND FIRE RATED: UNCOATED STEEL SHEET, 0.053 INCH THICK, FULL PROFILE WELDED.

C. EXTERIOR FRAMES: METALLIC-COATED STEEL SHEET, 053 INCH THICK WITH A40 COATING, FULL PROFILE WELDED.

D. ADJUSTABLE STEEL FRAMES: PROVIDE ONE OF THE FOLLOWING PRODUCTS:

1. DUNBARTON CORPORATION: REDIFRAME KERF REDIFLEX ADJUSTABLE THROAT STEEL DOOR FRAME.
2. METROPOLITAN DOOR INDUSTRIES CORPORATION, ADJUSTABLE KD FRAME.
3. TIMELY INDUSTRIES; A-SERIES ADJUSTABLE FRAME.

1.5 INSTALLATION

A. DRILL AND TAP DOORS AND FRAMES TO RECEIVE NONTEMPLATED, MORTISED, AND SURFACE-MOUNTED DOOR HARDWARE.

B. HOLLOW-METAL FRAMES: COMPLY WITH SDI A250.11. SET FRAMES ACCURATELY IN POSITION; PLUMBED, ALIGNED, AND BRACED SECURELY UNTIL PERMANENT ANCHORS ARE SET. AFTER WALL CONSTRUCTION IS COMPLETE, REMOVE TEMPORARY BRACES WITHOUT DAMAGE TO COMPLETED WORK.

1. SOLIDLY PACK MINERAL-FIBER INSULATION INSIDE FRAMES.
2. FIRE-RATED OPENINGS: INSTALL FRAMES ACCORDING TO NFPA 80.

C. HOLLOW-METAL DOORS: FIT AND ADJUST HOLLOW-METAL DOORS ACCURATELY IN FRAMES.

1. NON-FIRE-RATED STEEL DOORS: COMPLY WITH SDI A250.8.
2. FIRE-RATED DOORS: INSTALL DOORS WITH CLEARANCES ACCORDING TO NFPA 80.

D. GLAZING: COMPLY WITH INSTALLATION REQUIREMENTS IN SECTION 088000 "GLAZING" AND WITH HOLLOW-METAL MANUFACTURER'S WRITTEN INSTRUCTIONS.

SECTION 081715 - INTEGRATED ALUMINUM CLAD WOOD DOOR ASSEMBLIES

1.1 PERFORMANCE REQUIREMENTS

A. AIR LEAKAGE, ASTM E 283, 1.57 PSF (25 MPH): 0.30 CFM PER SQUARE FOOT OF FRAME OR LESS.

B. WATER PENETRATION: NO WATER, ASTM E 331 AT 5 GALLONS PER HOUR PER SQUARE FOOT.

1.2 DOOR ASSEMBLY

A. BASIS OF DESIGN: PELLA ARCHITECT SERIES ALUMINUM-CLAD EXTERIOR DOOR SYSTEM OR COMPARABLE SUBSTITUTION SUBJECT TO APPROVAL BY THE ARCHITECT.

B. DOOR PANEL: 1-3/4 INCH THICK, THREE-PLY WOOD CONSTRUCTION LAMINATED WITH WATER-RESISTANT GLUE.

1. LATCH AND DEADBOLT BLOCKING: INTEGRAL SOLID WOOD REINFORCEMENT.
2. CORE: MANUFACTURERS STANDARD WOOD CORE
3. EXTERIOR SURFACES: ALUMINUM CLADDING, FORMED ALUMINUM SHEET, ASTM B209.
4. INTERIOR EXPOSED SURFACES: PINE VENEER
5. LOCK BLOCK: 12-INCHES, SOLID WOOD.

NOT FOR CONSTRUCTION

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ISSUE LOG:

06.02.2023
ISSUE FOR PERMIT

1 07.14.2023
PERMIT REVISION 1

09.21.2023
OHFA PRELIM. SUBMISSION

ARCHITECTURAL SPECIFICATIONS

A0.6

PRELIMINARY: NOT FOR CONSTRUCTION

ARCHITECTURAL SPECIFICATIONS - CONTINUED

6. PROVIDE ADA COMPLIANT DOOR INCLUDING 10 INCH BOTTOM RAIL.

C. FRAMES: SELECT SOFTWOOD, WATER-REPELLENT, PRESERVATIVE-TREATED IN ACCORDANCE WITH WDMA I.S.4 AT HEAD AND JAMBS.
   1. INTERIOR EXPOSED SURFACES: WOOD VENEER TO MATCH DOOR.
   2. EXTERIOR SURFACES: CLAD WITH MANUFACTURER'S STANDARD ALUMINUM AT HEAD AND JAMBS.
   3. THRESHOLD: MANUFACTURER'S STANDARD LOW PROFILE ADA-COMPLIANT, EXTRUDED ALUMINUM,
D. GLAZING: ASTM C 1048. MANUFACTURERS STANDARD TEMPERED LOW-E INSULATING GLASS INSTALLED INTO HIGH PERFORMANCE GLAZING FRAMES.
E. ALUMINUM FINISH: TWO-COAT FLUOROPOLYMER FINISH COMPLYING WITH AAMA 2605 AND CONTAINING NOT LESS THAN 70 PERCENT PVDF RESIN BY WEIGHT IN COLOR COAT. COLOR SELECTED BY ARCHITECT.
F. WOOD FINISH: MANUFACTURER'S STANDARD PAINT FINISH. MATCH WINDOW COLOR.

1.3 HARDWARE
A. HINGES: 4 INCH BY 4 INCH 0.100-INCH THICK COLD-ROLLED STEEL WITH STAINLESS STEEL BALL BEARINGS AND NON-REMOVAL PIN. FINISH: MATCH ALUMINUM.
B. WEATHER STRIP: MANUFACTURER'S STANDARD CLOSED-CELL FOAM WRAPPED WITH VINYL JACKET INSTALLED IN KERF OF FRAME AT HEAD AND JAMBS.
C. HARDWARE PREPARATION: FACTORY PREPARED FOR DOOR HARDWARE AS INDICATED. INSTALL DOORS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND APPROVED SHOP DRAWINGS. COMPLY WITH ASTM E 2112.

SECTION 081723 - INTEGRATED WOOD DOOR ASSEMBLIES

1.1 WOOD DOOR ASSEMBLY MATERIALS
A. INTERIOR PRE-HUNG MOLDED WOOD DOORS:
   1. FACES: SMOOTH MDF OR TEMPERED HARDBOARD, CLASS 2 PER ANSI/AHA-A135.4, WITH MINIMUM TENSILE STRENGTH OF 90 PSI.
   2. CORE: SOLID CORE UNLESS INDICATED OTHERWISE, 1-3/4 INCH THICK.
   3. FINISH: FACTORY PRIMED.
   4. DESIGN: AS INDICATED ON DRAWINGS
B. FRAME: SELECT SOFT WOOD FABRICATED AS A FLAT JAMB WITH DOORSTOP APPLIED OR 2-PIECE SPLIT JAMB.
   1. HINGE JAMB PREPARATIONS: MACHINED FOR HINGES.
   2. STRIKE JAMB PREPARATIONS: MACHINED FOR FULL LIP CYLINDRICAL STRIKE PLATE.
   3. DOUBLE DOOR UNIT JAMB PREPARATIONS: MACHINE FOR BALL CATCH LOCATED AT THE TOP OF DOOR ON BOTH DOOR PANELS DESIGNED TO STRIKE INTO THE HEAD JAMB.
C. HINGES: THREE BALL BEARING MORTISE HINGES. DOORS TALLER THAN 7-FEET: FOUR HINGES.
D. FIRE RATED DOORS: COMPLY WITH NFPA 80 REQUIREMENTS FOR FIRE-RATED DOORS.

1.2 INSTALLATION
   1. INSTALLATION INSTRUCTIONS: INSTALL DOORS TO COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS AND AS INDICATED. INSTALL FIRE-RATED DOORS ACCORDING TO NFPA 80.

SECTION 083113 - ACCESS DOORS AND FRAMES

1.1 ACCESS DOOR UNITS
A. FIRE-RATED ACCESS DOORS AND FRAMES: ASSEMBLIES COMPLYING WITH NFPA 80 THAT ARE LISTED AND LABELED BY A QUALIFIED TESTING AGENCY, FOR FIRE-PROTECTION RATINGS INDICATED, ACCORDING TO NFPA 252 OR UL 10B.
B. BASIS OF DESIGN PRODUCTS: PROVIDE THE PRODUCTS INDICATED OR A COMPARABLE SUBSTITUTION
   1. EXPOSED TRIM TYPE: ACUDOR PRODUCTS, INC.; UF-5000
   2. FIRE-RATED EXPOSED TRIM TYPE, WALLS: ACUDOR PRODUCTS, INC.; FB-5060.
   3. FIRE-RATED EXPOSED TRIM TYPE, CEILINGS: ACUDOR PRODUCTS, INC.; FB-5050.
   4. TRIMLESS TYPE: ACUDOR PRODUCTS, INC.; DW-5040.
   5. FIRE-RATED, TRIMLESS TYPE, WALLS: ACUDOR PRODUCTS, INC.; FB-5060-DW.
   6. FIRE-RATED, TRIMLESS TYPE, CEILINGS: ACUDOR PRODUCTS, INC.; FW-5050-DW.
C. FIRE-RATED ACCESS DOORS: FURNISH TWO FLUSH KEYS PER LOCK.
D. FACTORY PRIMED: MANUFACTURER'S STANDARD, UNIVERSAL PRIMER.

1.2 INSTALLATION
A. COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS FOR INSTALLING ACCESS DOORS AND FRAMES.
B. INSTALL FIRE-RATED ACCESS DOORS AND FRAMES IN FIRE-RATED WALLS AND CEILINGS.
C. FLUSH TRIMLESS TYPE LOCATIONS: PUBLIC AREAS, GYPSUM BOARD WALLS, APARTMENT UNITS, MAIN SPACES. FLUSH, EXPOSED TRIM TYPE LOCATIONS: CERAMIC TILE WALLS, APARTMENT CLOSETS, MECHANICAL ROOMS, STORAGE ROOMS, CLOSETS.

084113 - 7SECTION 084113 - ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS

1.1 GENERAL SECTION REQUIREMENTS
A. INSTALLER QUALIFICATIONS: AN ENTITY THAT EMPLOYS INSTALLERS AND SUPERVISORS WHO ARE TRAINED AND APPROVED BY MANUFACTURER.
B. SPECIAL WARRANTIES: MANUFACTURER AGREES TO REPAIR OR REPLACE COMPONENTS OF ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS THAT DO NOT COMPLY WITH REQUIREMENTS OR THAT FAIL IN MATERIALS OR WORKMANSHIP WITHIN SPECIFIED WARRANTY PERIOD.
   1. STOREFRONT SYSTEM WARRANTY PERIOD: TWO YEARS.
   2. FINISH WARRANTY PERIOD: TWENTY YEARS.

1.2 PERFORMANCE REQUIREMENTS
A. DELEGATED DESIGN: ENGAGE A QUALIFIED PROFESSIONAL ENGINEER TO DESIGN ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS. STRUCTURAL LOADS: AS INDICATED ON DRAWINGS.
B. DEFLECTION OF FRAMING MEMBERS NORMAL TO WALL PLANE: LIMITED TO EDGE OF GLASS IN A DIRECTION PERPENDICULAR TO GLASS PLANE NOT EXCEEDING 1/175 OF THE GLASS EDGE LENGTH FOR EACH INDIVIDUAL GLAZING LITE OR AN AMOUNT THAT RESTRICTS EDGE DEFLECTION OF INDIVIDUAL GLAZING LITES TO 3/4 INCH, WHICHEVER IS LESS.
C. DEFLECTION OF FRAMING MEMBERS PARALLEL TO GLAZING PLANE: LIMITED TO 1/360 OF CLEAR SPAN OR 1/8 INCH, WHICHEVER IS SMALLER.
D. STRUCTURAL: TEST ACCORDING TO ASTM E 330. TEST DURATIONS: AS REQUIRED BY DESIGN WIND VELOCITY, BUT NOT LESS THAN 10 SECONDS.
E. AIR INFILTRATION: TEST ACCORDING TO ASTM E 283. MAXIMUM AIR LEAKAGE OF 0.06 CFM/SQ. FT. AT A STATIC-AIR-PRESSURE DIFFERENTIAL OF 6.24 LBF/SQ. FT.
F. WATER PENETRATION UNDER STATIC PRESSURE: TEST ACCORDING TO ASTM E 331. NO EVIDENCE OF WATER PENETRATION WHEN TESTED ACCORDING TO A MINIMUM STATIC-AIR-PRESSURE DIFFERENTIAL OF 20 PERCENT OF POSITIVE WIND-LOAD DESIGN PRESSURE, BUT NOT LESS THAN 10 LBF/SQ. FT.
G. THERMAL TRANSMITTANCE (U-FACTOR): FIXED GLAZING AND FRAMING AREAS SHALL HAVE U-FACTOR OF NOT MORE THAN 0.45 BTU/SQ. FT. X H X DEG F AS DETERMINED ACCORDING TO NFRC 100.
H. CONDENSATION RESISTANCE: FIXED GLAZING AND FRAMING AREAS SHALL HAVE AN NFRC-CERTIFIED CONDENSATION RESISTANCE RATING OF NO LESS THAN 65 AS DETERMINED ACCORDING TO NFRC 500.
I. THERMAL MOVEMENTS: ALLOW FOR THERMAL MOVEMENTS RESULTING FROM AMBIENT AND SURFACE TEMPERATURE CHANGES. TEMPERATURE CHANGE: 120 DEG F, AMBIENT; 180 DEG F, MATERIAL SURFACES.
J. EGRESS DOORS OPENING-FORCE REQUIREMENTS: NOT MORE THAN 15 LBF TO RELEASE THE LATCH AND NOT MORE THAN 30 LBF TO SET THE DOOR IN MOTION.

1.3 ALUMINUM STOREFRONT
A. FRAMING BASIS OF DESIGN: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE A THERMALLY BROKEN SYSTEM INCLUDING DOORS BY KAWNEER; TRIFAB 451T, OR A COMPARABLE SUBSTITUTION SUBJECT TO APPROVAL OF ARCHITECT.
B. FRAMING MEMBERS: ALUMINUM FRAMING MEMBERS OF THICKNESS REQUIRED AND REINFORCED AS REQUIRED TO SUPPORT IMPOSED LOADS. INTERIOR FRAMING: NON-THERMALLY BROKEN.
C. SUB-SILL AND HEAD RECEPTOR: MANUFACTURER'S STANDARD, THERMALLY BROKEN UNITS.
D. DOOR CONSTRUCTION: THERMALLY BROKEN, 0.125-INCH-THICK, EXTRUDED-ALUMINUM TUBULAR RAIL AND STILE MEMBERS
E. CLEAR OR COLOR ANODIC FINISH: AAMA 611, AA-M12C22A42/A44, CLASS I, 0.018 MM OR THICKER. COLOR AS SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE.

1.4 INSTALLATION
A. COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS. RIGIDLY SECURE NONMOVEMENT JOINTS. INSTALL COMPONENTS PLUMB AND TRUE IN ALIGNMENT WITH ESTABLISHED LINES AND GRADES.
B. SEAL PERIMETER AND OTHER JOINTS WATERTIGHT UNLESS OTHERWISE INDICATED. SET CONTINUOUS SUB-SILL MEMBERS AND FLASHING IN FULL SEALANT BED.
C. METAL PROTECTION: PROTECT ALUMINUM AGAINST GALVANIC ACTION.
D. ENTRANCE DOORS: INSTALL DOORS TO PRODUCE SMOOTH OPERATION AND TIGHT FIT AT CONTACT POINTS. INSTALL TO PRODUCE WEATHERTIGHT ENCLOSURE AND TIGHT FIT AT WEATHER STRIPPING.

SECTION 085200 - WOOD WINDOWS

1.1 GENERAL SECTION REQUIREMENTS
A. MOCK-UP ONE OF EACH TYPE WINDOW UNIT FOR APPROVAL BY ARCHITECT PRIOR TO INSTALLING THE REMAINING UNITS.
B. MANUFACTURER'S WARRANTY: MANUFACTURER AGREES TO REPAIR OR REPLACE WOOD WINDOWS THAT FAIL IN MATERIALS OR WORKMANSHIP WITHIN SPECIFIED WARRANTY PERIOD.
   1. WARRANTY PERIOD: WINDOW: 10 YEARS FROM DATE OF SUBSTANTIAL COMPLETION.
   2. GLAZING UNITS: FIVE YEARS FROM DATE OF SUBSTANTIAL COMPLETION.
   3. ALUMINUM-CLADDING FINISH: 20 YEARS FROM DATE OF SUBSTANTIAL COMPLETION.

1.2 WINDOW PERFORMANCE REQUIREMENTS
A. PRODUCT STANDARD: COMPLY WITH AAMA/WDMA/CSA 101/I.S.2/A440
   1. PERFORMANCE CLASS AND GRADE: LC 35.
B. THERMAL TRANSMITTANCE: U-FACTOR OF 0.30 BTU/SQ. FT. X H X DEG F.
C. SOLAR HEAT-GAIN COEFFICIENT (SHGC): 0.27

1.3 WOOD WINDOWS
A. ALUMINUM-CLAD WOOD WINDOWS: TRIMLINE CUSTOM WINDOWS; MODEL DHC300 (DR300), DOUBLE HUNG.
   1. ALUMINUM FINISH: MANUFACTURER'S STANDARD. COLOR: AS SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE.
   2. WOOD SURFACES: FACTORY PRIMED.
   3. INSULATING-GLASS UNITS: ASTM E2190. DOUBLE INSULATED, LOW-E, CLEAR GLASS UNIT, FULLY TEMPERED WHERE INDICATED ON DRAWINGS.
   4. LIMIT DEVICES: INSTALL FOR WINDOWS WITH SILL AT OR BELOW 36 INCHES, LIMIT CLEAR OPENING TO 4 INCHES FOR VENTILATION; WITH PUSH RELEASE. LIMIT DEVICES NOT REQUIRED AT WINDOWS PROVIDING ACCESS TO FIRE ESCAPE.
   5. WEATHER STRIPPING: FULL-PERIMETER AND MEETING RAIL WEATHER STRIPPING FOR EACH OPERABLE SASH.
   6. JAMB LINER: MATCH WINDOW COLOR.
   7. ACCESSIBILITY: PROVIDE EXTENDED REACH RANGE KIT FOR ACCESSIBLE UNITS.

1.4 INSTALLATION
A. COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS FOR INSTALLING WINDOWS, HARDWARE, ACCESSORIES, AND OTHER COMPONENTS. FOR INSTALLATION PROCEDURES AND REQUIREMENTS NOT ADDRESSED IN MANUFACTURER'S WRITTEN INSTRUCTIONS, COMPLY WITH INSTALLATION REQUIREMENTS IN ASTM E2112.

SECTION 087100 - DOOR HARDWARE

1.1 PERFORMANCE REQUIREMENTS
A. FIRE-RATED DOOR ASSEMBLIES: COMPLY WITH NFPA 80.
B. MEANS OF EGRESS DOORS: LATCHES DO NOT REQUIRE MORE THAN 15 LBF TO RELEASE THE LATCH. LOCKS DO NOT REQUIRE USE OF A KEY, TOOL, OR SPECIAL KNOWLEDGE FOR OPERATION.

1.2 HARDWARE
A. HINGES: BHMA A156.1. NONREMOVABLE HINGE PINS FOR EXTERIOR AND PUBLIC INTERIOR EXPOSURE. TWO HINGES FOR 1-3/8-INCH- THICK WOOD DOORS. THREE HINGES FOR 1-3/4-INCH- THICK DOORS. SPRING HINGES FOR FIRE RATED DOORS.
B. BORED LOCKS: BHMA A156.2; GRADE 1 OR GRADE 2; SERIES 4000.
C. MORTISE LOCKS: BHMA A156.13; GRADE 1 OR GRADE 2.
D. SURFACE BOLTS: BHMA A156.16.
E. MANUAL FLUSH BOLTS: BHMA A156.16; MINIMUM 3/4-INCH THROW; DESIGNED FOR MORTISING INTO DOOR EDGE.
F. OPERATING TRIM: BHMA A156.6. LEVER TRIM: YALE; AUGUSTA (AU) OR EQUIVALENT.
G. WALL AND FLOOR MOUNTED STOPS: BHMA A156.16.
H. DOOR GASKETING: BHMA A156.22; WITH RESILIENT OR FLEXIBLE SEAL STRIPS, EASILY REPLACEABLE.AND READILY AVAILABLE FROM STOCKS MAINTAINED BY MANUFACTURER.
I. THRESHOLDS: ADA ACCESSIBLE; BHMA A156.21; FABRICATED TO FULL WIDTH OF OPENING INDICATED.
J. FINISHES: COMPLY WITH BHMA A156.18 AND AS INDICATED ON DRAWINGS.
K. MAIL SLOT: EXTRUDED ALUMINUM, 3" X 10.5" NOMINAL UNIT WITH FLAT SMOOTH FLAP AND WITH SLEEVE FOR INSTALLING IN ALUMINUM STOREFRONT DOOR. ANODIZED FINISH TO MATCH DOOR.

1.3 INSTALLATION
A. MOUNTING HEIGHTS: MOUNT DOOR HARDWARE UNITS AT HEIGHTS TO COMPLY WITH DHI'S "RECOMMENDED LOCATIONS FOR ARCHITECTURAL HARDWARE FOR WOOD FLUSH DOORS."
B. INSTALL EACH DOOR HARDWARE ITEM TO COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS.
C. THRESHOLDS: SET THRESHOLDS FOR EXTERIOR DOORS AND OTHER DOORS INDICATED IN FULL BED OF SEALANT COMPLYING WITH SECTION 079200 "JOINT SEALANTS."
D. PERIMETER GASKETING: APPLY TO HEAD AND JAMB, FORMING SEAL BETWEEN DOOR AND FRAME.

DWELLING UNIT HARDWARE SETS
A. HARDWARE **SET "E"** - UNIT ENTRY DOORS:
   1. HINGES: PROVIDE SPRING HINGES FOR RATED DOORS
   2. SALTO XS4 ORIGINAL BATTERY OPERATED ACCESS CONTROL.
   3. DOOR VIEWER.
   4. FLOOR OR WALL STOP.
   5. THRESHOLD AND WEATHERSTRIPPING.
   6. IDENTIFICATION NUMBER(S): 4 INCH MINIMUM HEIGHT.
B. HARDWARE **SET "B"**- UNIT BATHROOM AND BEDROOM DOORS:
   1. HINGES.
   2. BORED PRIVACY, BEDROOM OR BATH LOCK (F76) STORE ROOM OR CLOSET LOCK (F86).
   3. FLOOR OR WALL STOP.
C. HARDWARE **SET "G"** - CLOSET, PANTRY, LINEN, INTERIOR STORAGE, AND MECHANICAL, LAUNDRY AND UTILITY ROOM DOORS:
   1. HINGES.
   2. BORED PASSAGE OR CLOSET LATCH (F75).
   3. FLOOR OR WALL STOP.
D. HARDWARE **SET "X"** - PAIRED CLOSET, INTERIOR STORAGE, LAUNDRY ROOM DOORS:
   1. HINGES.
   2. HEAVY DUTY MAGNETIC CATCHES.
   3. FLOOR OR WALL STOP.
E. HARDWARE **SET "Y"** - BIFOLD DOORS.
   1. BIFOLD DOOR SET INCLUDING OVERHEAD TRACK, HANGERS, PIVOTS, HINGES, AND KNOBS.
F. HARDWARE **SET "Z"** - BIPASSING DOORS:
   1. BIPASSING SLIDING DOOR SET INCLUDING OVERHEAD TRACK, HANGERS, FLOOR GUIDE, AND FLUSH PULLS.

ACCESS CONTROL
A. ELECTRIC LOCK TIED TO INTERCOM. BASIS OF DESIGN: SALTO DESIGN XS WALL READER AT BUILDING ENTRY LOCATIONS.

DWELLING UNIT HARDWARE SETS
A. HARDWARE **SET "E"** - UNIT ENTRY DOORS:
   1. HINGES: PROVIDE SPRING HINGES FOR RATED DOORS
   2. BORED LOCKSET
   3. BORED DEADBOLT: EXTERIOR KEY OPERATED WITH INTERIOR THUMB TURN.
   4. DOOR VIEWER.
   5. FLOOR OR WALL STOP.
   6. THRESHOLD AND WEATHERSTRIPPING.
   7. IDENTIFICATION NUMBER(S): 2 INCH MINIMUM HEIGHT.
B. HARDWARE **SET "B"**- UNIT BATHROOM AND BEDROOM DOORS:
   1. HINGES.
   2. BORED PRIVACY, BEDROOM OR BATH LOCK (F76) STORE ROOM OR CLOSET LOCK (F86).
   3. FLOOR OR WALL STOP.
C. HARDWARE **SET "G"** - CLOSET, PANTRY, LINEN, INTERIOR STORAGE, AND MECHANICAL, LAUNDRY AND UTILITY ROOM DOORS:
   1. HINGES.
   2. BORED PASSAGE OR CLOSET LATCH (F75).
   3. FLOOR OR WALL STOP.
D. HARDWARE **SET "X"** - PAIRED CLOSET, INTERIOR STORAGE, LAUNDRY ROOM DOORS:
   1. HINGES.
   2. HEAVY DUTY MAGNETIC CATCHES.
   3. FLOOR OR WALL STOP.
E. HARDWARE **SET "Y"** - BIFOLD DOORS.
   1. BIFOLD DOOR SET INCLUDING OVERHEAD TRACK, HANGERS, PIVOTS, HINGES, AND KNOBS.
F. HARDWARE **SET "Z"** - BIPASSING DOORS:
   1. BIPASSING SLIDING DOOR SET INCLUDING OVERHEAD TRACK, HANGERS, FLOOR GUIDE, AND FLUSH PULLS.

SECTION 088000 - GLAZING

1.1 GENERAL SECTION REQUIREMENTS
A. MANUFACTURER'S SPECIAL WARRANTY FOR COATED-GLASS PRODUCTS: MANUFACTURER'S STANDARD FORM IN WHICH GLASS MANUFACTURER AGREES TO REPLACE GLASS UNITS THAT DETERIORATE WITHIN SPECIFIED WARRANTY PERIOD.
   1. COATED GLASS WARRANTY PERIOD: 10 YEARS.
   2. INSULATING GLASS WARRANTY PERIOD: 10 YEARS.

1.2 PERFORMANCE REQUIREMENTS
A. GENERAL: INSTALLED GLAZING SYSTEMS SHALL WITHSTAND NORMAL THERMAL MOVEMENT AND WIND LOADS WITHOUT FAILURE, INCLUDING LOSS OR GLASS BREAKAGE ATTRIBUTABLE TO THE FOLLOWING: DEFECTIVE MANUFACTURE, FABRICATION, OR INSTALLATION; FAILURE OF SEALANTS OR GASKETS TO REMAIN WATERTIGHT AND AIRTIGHT; DETERIORATION OF GLAZING MATERIALS; OR OTHER DEFECTS IN CONSTRUCTION.
B. DELEGATED DESIGN: DESIGN GLASS, INCLUDING COMPREHENSIVE ENGINEERING ANALYSIS BY A QUALIFIED PROFESSIONAL ENGINEER, USING THE FOLLOWING DESIGN CRITERIA:
C. DESIGN WIND LOADS: AS INDICATED ON DRAWINGS.
D. THERMAL MOVEMENTS: ALLOW FOR THERMAL MOVEMENTS FROM AMBIENT AND SURFACE TEMPERATURE CHANGES ACTING ON GLASS FRAMING MEMBERS AND GLAZING COMPONENTS. TEMPERATURE CHANGE: 120 DEG F, AMBIENT; 180 DEG F, MATERIAL SURFACES

1.3 GLAZING MATERIALS
A. STRENGTH: WHERE FLOAT GLASS IS INDICATED, PROVIDE ANNEALED FLOAT GLASS, HEAT-STRENGTHENED FLOAT GLASS, OR FULLY TEMPERED FLOAT GLASS AS NEEDED TO COMPLY WITH PERFORMANCE REQUIREMENTS.
B. MONOLITHIC FLOAT GLASS: ASTM C 1036, TYPE I QUALITY-Q3, CLEAR.
C. HEAT-TREATED FLOAT GLASS: ASTM C 1048; TYPE I; QUALITY-Q3; CLASS I, CLEAR; KIND HS HEAT-STRENGTHENED OR KIND FT FULLY TEMPERED AS REQUIRED.
D. INSULATING-GLASS UNITS, GENERAL: FACTORY-ASSEMBLED UNITS QUALIFIED ACCORDING TO ASTM E 2190 DUAL SEALED, CLEAR FLOAT GLASS.
   1. LOW-E COATING: SPUTTERED ON SECOND SURFACE.
   2. TEMPERED INSULATING GLASS UNITS: PROVIDE TEMPERED GLASS FOR BOTH LITES.
E. DENSE COMPRESSION GASKETS: ASTM C864 AND ASTM C1115.
F. SOFT COMPRESSION GASKETS: ASTM C 509, TYPE II.
G. GLAZING SEALANTS: COMPATIBLE WITH ONE ANOTHER AND WITH OTHER MATERIALS THEY WILL CONTACT. COMPLY WITH SEALANT AND GLASS MANUFACTURERS' WRITTEN INSTRUCTIONS FOR SELECTING SUITABLE GLAZING SEALANTS.

1.4 GLAZING
A. COMPLY WITH COMBINED WRITTEN INSTRUCTIONS OF MANUFACTURERS OF GLASS, SEALANTS, GASKETS, AND OTHER GLAZING MATERIALS, UNLESS MORE STRINGENT REQUIREMENTS ARE INDICATED, INCLUDING THOSE IN REFERENCED GLAZING PUBLICATIONS.
B. DRY GASKET GLAZING: CENTER GLASS LITES IN OPENINGS ON SETTING BLOCKS AND PRESS FIRMLY AGAINST SOFT COMPRESSION GASKET. INSTALL DENSE COMPRESSION GASKETS AND PRESSURE-GLAZING STOPS, APPLYING PRESSURE UNIFORMLY TO COMPRESSION GASKETS. COMPRESS GASKETS TO PRODUCE A WEATHERTIGHT SEAL WITHOUT DEVELOPING BENDING STRESSES IN GLASS. SEAL GASKET JOINTS WITH SEALANT RECOMMENDED IN WRITING BY GASKET MANUFACTURER.
C. WET SEALANT GLAZING:
   1. INSTALL CONTINUOUS SPACERS, OR SPACERS COMBINED WITH CYLINDRICAL SEALANT BACKING, BETWEEN GLASS LITES AND GLAZING STOPS TO MAINTAIN GLASS FACE CLEARANCES AND TO PREVENT SEALANT FROM EXTRUDING INTO GLASS CHANNEL AND BLOCKING WEEP SYSTEMS UNTIL SEALANTS CURE. SECURE SPACERS OR SPACERS AND BACKINGS IN PLACE AND IN POSITION TO CONTROL DEPTH OF INSTALLED SEALANT RELATIVE TO EDGE CLEARANCE FOR OPTIMUM SEALANT PERFORMANCE.
   2. FORCE SEALANTS INTO GLAZING CHANNELS TO ELIMINATE VOIDS AND TO ENSURE COMPLETE WETTING OR BOND OF SEALANT TO GLASS AND CHANNEL SURFACES.
   3. TOOL EXPOSED SURFACES OF SEALANTS TO PROVIDE A SUBSTANTIAL WASH AWAY FROM GLASS.

09 - FINISHES

SECTION 090120 - MAINTENANCE OF PLASTER AND GYPSUM BOARD

1.1 GENERAL AND HISTORIC REQUIREMENTS
A. WORK SHALL COMPLY WITH OWNER'S HISTORIC PRESERVATION TAX CREDIT PROGRAM. REFER TO APPROVED CERTIFICATION APPLICATION PART 2 DOCUMENTS. COMPLY WITH NATIONAL PARKS SERVICE (NPS) PRESERVATION BRIEF NO. 21.

1.2 PLASTER AND GYPSUM PRODUCTS
A. PRODUCTS, GENERAL: COMPLY WITH ASTM C 841.
B. GYPSUM INFILL BOARD:ASTM C1396, REGULAR TYPE IN THICKNESS NEEDED.
C. PLASTER FIBERGLASS CANVASSING SYSTEM: SPECIFICATION CHEMICALS INC.; NU-WAL RESTORATION SYSTEM.
D. BASE-COAT PLASTERS, GENERAL: ASTM C 28/C 28M. PROVIDE ONE OF THE FOLLOWING PRODUCTS THAT IS THE MOST COMPATIBLE WITH EXISTING PLASTER:
   1. LIGHTWEIGHT GYPSUM READY-MIXED PLASTER WITH MILL-MIXED PERLITE AGGREGATE.
   2. GYPSUM NEAT PLASTER: FOR USE WITH JOB-MIXED AGGREGATES.
   3. GYPSUM WOOD-FIBERED PLASTER:
E. GYPSUM READY-MIXED FINISH PLASTER: ASTM C 28/C 28M.
F. ONE-COMPONENT GYPSUM VENEER PLASTER: ASTM C 587.
G. READY-MIX ALL-PURPOSE DRYWALL JOINT-FILLER AND JOINT COMPOUND.

1.3 EXAMINATION AND PREPARATIONS
A. EXAMINE EXPOSED SUBSTRATES AND DETERMINE BEST METHOD OF REPLACEMENT PLASTERING REPAIR IN EACH AREA. AT PERIMETER OF REPLACEMENT PLASTER AREA, TRIM BACK INTO EXISTING FIRM PLASTER TO REMAIN. PROVIDE SHARP AND CLEAN EDGES.
B. CRACK REPAIRS LESS THAN 1/16-INCH WIDE: CLEAN OUT ALL LOOSE MATERIAL, DAMPEN, AND FILL WITH TOP-COAT PLASTER UNLESS COVERING WITH FIBERGLASS CANVASSING SYSTEM.
C. CRACK REPAIRS GREATER THAN 1/16-INCH WIDE: PREPARE BY REMOVING OUT-OF-PLANE AREAS AND LOOSE PLASTER. FILL IF NECESSARY FOR GAP WIDTH AND THEN COVER WALL WITH FIBERGLASS CANVASSING SYSTEM.

1.4 INSTALLATION AND REPAIRS
A. ACCESSORIES: INSTALL ACCORDING TO ASTM C 841. INSTALL WHERE REPAIR AND REPLACEMENT IS REQUIRED.
B. NEW PLASTERING SYSTEM APPLICATION, GENERAL: COMPLY WITH ASTM C 842.
C. BONDING COMPOUND: APPLY ON MASONRY SUBSTRATES AND PREPARED EDGES OF EXISTING PLASTER TO REMAIN.
D. BASE COATS, SCRATCH COATS AND BROWN COATS: INSTALL TYPES AS DETERMINED FOR CONDITIONS AND COMPATIBILITY WITH EXISTING PLASTER.
E. PLASTER FINISHES: PROVIDE TROWELED FINISH UNLESS OTHERWISE REQUIRED TO MATCH EXISTING ADJACENT SURFACE.
F. GYPSUM BOARD INFILL: MECHANICALLY FASTEN INFILL GYPSUM BOARD WITH ANCHORS SPACED NOT MORE THAN 16-INCHES ON CENTER THROUGHOUT FIELD OF BOARD AND 12-INCHES ON CENTER AROUND PERIMETER. SHIM OR USE INFILL PLASTER MATERIALS UNDER BOARD IF NECESSARY TO PROVIDE FIRM MOUNTING SUBSTRATE OR TO ESTABLISH UNIFORM FACE-PLANE OF INFILL BOARD.
   1. USE INFILL PLASTER MATERIALS TO FILL JOINTS IN BOARD AND JOINTS BETWEEN INFILL BOARDS AND EXISTING PLASTER. REDUCE ALL JOINTS, GAPS AND DEPRESSIONS TO DIMENSIONS THAT WILL BE CONCEALED BY THE FIBERGLASS CANVASSING SYSTEM.
   2. USE INFILL VENEER-PLASTER ON FACE OF INFILL BOARDS AS NECESSARY TO INFILL MATERIALS WITH PLANE OF ADJACENT PLASTER.
G. FIBERGLASS CANVASSING SYSTEM: PERFORM SUBSTRATE REPAIRS FOLLOWING INSTALLATION INSTRUCTIONS AND RECOMMENDATION OF THE CANVASSING SYSTEM MANUFACTURER FOR THE CONDITIONS AND SUBSTRATES AND REPAIRS EXISTING IN THE WORK.

SECTION 090150 – MAINTENANCE OF METAL CEILINGS

1.1 GENERAL AND HISTORIC REQUIREMENTS
A. WORK SHALL COMPLY WITH OWNER'S HISTORIC PRESERVATION TAX CREDIT PROGRAM COMPLY WITH CERTIFICATION APPLICATION PART 2 DOCUMENTS AND NPS PRESERVATION BRIEFS, INCLUDING PRESERVATION BRIEF NO. 49.
B. REMOVAL AND SALVAGE OF EXISTING CEILING PANELS: REFER TO SECTION 013591. PHOTOGRAPH PROCESS AND SUBMIT TO ARCHITECT FOR APPROVAL PRIOR TO BEGINNING NEW WORK.

1.2 METAL CEILING PATCH MATERIALS
A. PATCHING SHEET METAL OF TYPE AND THICKNESS THAT MATCHES EXISTING.
B. METAL FILLER: TWO-PART, NOM-SHRINK AUTOMOTIVE BODY FILLER MATERIAL OR FIBERGLASS-BASED REPAIR ADHESIVE FILLER.
C. FASTENERS: MATCH EXISTING WITH SIMILAR TYPE, MATERIAL, AND STRUCTURAL CAPACITY. SUBMIT ALTERNATIVE SUBSTITUTIONS FOR APPROVAL BY ARCHITECT.
D. METAL BACKING FABRIC: METAL SCREENING OR WIRE MESH CLOTH OF SIZE AND DENSITY THAT FACILITATES ADHERENCE TO EXISTING SURFACES, DOES NOT CAUSE GALVANIC REACTION, AND PROVIDES SUITABLE SUBSTRATE FOR METAL FILLER MATERIALS.
E. INSTALL SALVAGED CEILING PANELS IN AREAS AS INDICATED USING SIMILAR FASTENING METHODS AS EXISTING CEILING.

1.3 METAL CEILING CLEANING, REPAIR AND PRIME PAINTING
A. FILLERS AND ADHESIVES: FOLLOW MANUFACTURER' WRITTEN INSTRUCTIONS.
B. SUBSTRATE REPAIR: REPAIR OR REPLACE DAMAGED OR MISSING SUPPORTS WHILE MINIMIZING THE EXTENT OF EXISTING CEILING REMOVAL. MATCH EXISTING SUPPORT MEMBERS.
C. METAL CLEANING AND RUST REMOVAL: DO NOT DAMAGE EXISTING SURFACES. COMPLY WITH APPLICABLE PORTIONS OF SECTION 050170.
D. METAL PATCHING:
   1. INSERT METAL PATCH IN HOLE IN A MANNER THAT IS CAN BE ADHERED TO THE BACK OF THE METAL CEILING PANEL. SEAL EDGES BEFORE PRIMING AND PAINTING.
   2. INSERT METAL BACKING FABRIC AND ADHERE SECURELY TO BACKSIDE OF METAL CEILING PANEL. APPLY METAL FILLER SPREADING AND SMOOTHING TO EDGES OF THE HOLE. SAND AND RE-APPLY FILLER AS NEEDED FOR COMPLETE PATCH THAT BLENDS WITH EXISTING SURFACES.
E. FASTENING: EXAMINE EXISTING CONDITIONS AND REPLACE LOOSE AND DEFECTIVE FASTENERS.
F. PRIME IMMEDIATELY AFTER CLEANING AND RUST REMOVAL TO PREVENT RUST. DO NOT TOUCH CLEANED METAL SURFACE UNTIL PRIMED. COMPLY WITH APPLICABLE REQUIREMENTS OF SECTION 099100 PAINTING.

SECTION 090161 - WOOD FLOOR REFINISHING

1.1 GENERAL AND HISTORIC REQUIREMENTS
A. WORK SHALL COMPLY WITH OWNER'S HISTORIC PRESERVATION TAX CREDIT PROGRAM. REFER TO APPROVED CERTIFICATION APPLICATION PART 2 DOCUMENTS. COMPLY WITH REQUIREMENTS OF NATIONAL PARKS SERVICE (NPS) "PRESERVATION BRIEFS."
B. QUALITY STANDARD: AWI/AWMAC/WI'S "ARCHITECTURAL WOODWORK STANDARDS" (AWS); GRADE: CUSTOM. COMPLY WITH REQUIREMENTS IN SECTION 5, "FINISHING."
C. MOCKUP: PREPARE 5 BY 5 FT MOCKUP OF REFINISHED WOOD FLOOR IN AREA DESIGNATED BY ARCHITECT.
D. REMOVAL AND SALVAGE OF EXISTING FLOORING: REFER TO SECTION 013591. PHOTOGRAPH PROCESS AND SUBMIT TO ARCHITECT FOR APPROVAL PRIOR TO BEGINNING NEW WORK.

1.2 FINISHING MATERIALS
A. SOLID-WOOD FLOORING FOR PATCHING: KILN DRIED TO 6 TO 9 PERCENT MAXIMUM MOISTURE CONTENT; TONGUE AND GROOVE AND END MATCHED; WITH BACKS CHANNELED TO MATCH EXISTING FLOORING.
   1. USE REFURBISHED SALVAGE MATERIAL WHERE POSSIBLE.
B. POLYURETHANE FINISH: AWS FINISH SYSTEM 12 WATER-BASED SYSTEM, SATIN SHEEN, OF COMPATIBLE COMPONENTS THAT IS RECOMMENDED BY FINISH MANUFACTURER FOR APPLICATION INDICATED.

1.3 PREPARATION AND FINISHING
A. REPAIR AND REPLACE EXISTING DAMAGED AND MISSING FLOORING. MAINTAIN EXISTING PATTERN; ALIGNED END JOINTS NOT ACCEPTABLE.
B. MACHINE-SAND FLOORING TO REMOVE OFFSETS, RIDGES, CUPS, AND SANDING-MACHINE MARKS THAT WOULD BE NOTICEABLE AFTER FINISHING.
C. VACUUM AND TACK WITH A CLEAN CLOTH IMMEDIATELY BEFORE APPLYING FINISH. COMPLY WITH APPLICABLE RECOMMENDATIONS IN NWFA'S "INSTALLATION GUIDELINES."
D. FILL OPEN-GRAINED HARDWOOD.
E. FILL AND REPAIR SEAMS AND DEFECTS. APPLY FLOOR-FINISH MATERIALS IN NUMBER OF COATS RECOMMENDED BY FINISH MANUFACTURER FOR APPLICATION INDICATED, BUT NOT LESS THAN ONE COAT OF FLOOR SEALER AND THREE FINISH COATS.

SECTION 092116 - GYPSUM BOARD SHAFT WALL ASSEMBLIES

1.1 PERFORMANCE REQUIREMENTS
A. FIRE-RESISTANCE-RATED ASSEMBLIES: PROVIDE MATERIALS AND CONSTRUCTION IDENTICAL TO THOSE TESTED IN ASSEMBLY INDICATED ACCORDING TO ASTM E119 BY AN INDEPENDENT TESTING AGENCY.
B. STC-RATED ASSEMBLIES: PROVIDE MATERIALS AND CONSTRUCTION IDENTICAL TO THOSE OF ASSEMBLIES TESTED ACCORDING TO ASTM E90 AND CLASSIFIED ACCORDING TO ASTM E413 BY A TESTING AND INSPECTING AGENCY. STC RATING: 51, MINIMUM.

1.2 GYPSUM BOARD SHAFT WALL ASSEMBLIES
A. GYPSUM SHAFTLINER BOARD: TYPE X, ASTM C1396/C1396M; MANUFACTURER'S PROPRIETARY FIRE-RESISTIVE LINER PANELS WITH PAPER FACES, 1 INCH THICK, WITH DOUBLE BEVELED LONG EDGES.
B. MOISTURE- AND MOLD-RESISTANT TYPE X: ASTM C1396/C1396M; MANUFACTURER'S PROPRIETARY FIRE-RESISTIVE LINER PANELS WITH ASTM D3273 MOLD-RESISTANCE SCORE OF 10 AS RATED ACCORDING TO ASTM D3274, 1 INCH THICK, AND WITH DOUBLE BEVELED LONG EDGES.
C. NON-LOAD-BEARING STEEL FRAMING: COMPLY WITH ASTM C645.
D. STUDS: MANUFACTURER'S STANDARD PROFILE FOR REPETITIVE, CORNER, AND END MEMBERS. MINIMUM METAL THICKNESS: 0.030 INCH. DEPTH: AS INDICATED ON DRAWINGS.
E. RUNNER TRACKS: MANUFACTURER'S STANDARD J-PROFILE TRACK METAL THICKNESS MATCHING STEEL STUDS.
F. FIRESTOP TRACKS: TOP RUNNER MANUFACTURED TO ALLOW STRUCTURE MOVEMENT WHILE MAINTAINING CONTINUITY OF FIRE-RATED ASSEMBLY.

1.3 INSTALLATION
A. GENERAL: INSTALL GYPSUM BOARD SHAFT WALL ASSEMBLIES TO COMPLY WITH REQUIREMENTS OF FIRE-RESISTANCE-RATED ASSEMBLIES INDICATED AND MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS.
B. ISOLATE PERIMETER OF GYPSUM PANELS FROM BUILDING STRUCTURE TO PREVENT CRACKING OF PANELS WHILE MAINTAINING CONTINUITY OF FIRE-RATED CONSTRUCTION.
C. FIRESTOP TRACKS: WHERE INDICATED, INSTALL TO MAINTAIN CONTINUITY OF FIRE-RESISTANCE-RATED ASSEMBLY INDICATED.
D. CONTROL JOINTS: INSTALL CONTROL JOINTS ACCORDING TO ASTM C840 AND IN SPECIFIC LOCATIONS APPROVED BY ARCHITECT WHILE MAINTAINING FIRE-RESISTANCE RATING OF GYPSUM BOARD SHAFT WALL ASSEMBLIES.

SECTION 092900 - GYPSUM BOARD

1.1 PERFORMANCE REQUIREMENTS
A. FIRE-RESISTANCE-RATED ASSEMBLIES: PROVIDE MATERIALS AND CONSTRUCTION IDENTICAL TO THOSE TESTED IN ASSEMBLY INDICATED ACCORDING TO ASTM E119 BY AN INDEPENDENT TESTING AGENCY.

1.2 BOARD MATERIALS
A. GYPSUM BOARD, TYPE X: ASTM C1396.THICKNESS: 5/8 INCH. LONG EDGES: TAPERED.
B. GYPSUM BOARD, TYPE C: ASTM C1396. MANUFACTURED TO HAVE INCREASED FIRE-RESISTIVE CAPABILITY. LONG EDGES: TAPERED.
C. MOLD-RESISTANT GYPSUM BOARD: PAPER FACED PRODUCTS NOT PERMITTED. INSTALL GLASS-MAT PAPERLESS GYPSUM BOARD IN LIEU OF PAPER-FACED BOARD.
D. GLASS-MAT PAPERLESS GYPSUM BOARD: ASTM C1658, WITH FIBERGLASS MAT LAMINATED TO BOTH SIDES AND WITH MANUFACTURER'S STANDARD EDGES. CORE:5/8 INCH , TYPE X.
   1. MOLD RESISTANCE: ASTM D3273, SCORE OF 10 AS RATED ACCORDING TO ASTM D3274.
   2. APPLICATION: INSTALL AT INTERIOR WALLS AND CEILINGS WITHIN 4 FT OF PLUMBING (SUPPLY) FIXTURE AND ANY WATER SOURCE, AND LOCATION INDICATED ON DRAWINGS. COMPLY WITH OHFA DESIGN ARCHITECTURAL STANDARDS 2023.
E. CEMENTITIOUS BACKER UNITS: ANSI A118.9 AND ASTM C1288 OR ASTM C1325, WITH MANUFACTURER'S STANDARD EDGES. THICKNESS: 5/8 INCH.
   1. MOLD RESISTANCE: ASTM D3273, SCORE OF 10 AS RATED ACCORDING TO ASTM D3274.

1.3 AUXILIARY MATERIALS
A. INTERIOR TRIM: ASTM C1047.
B. JOINT TREATMENT MATERIALS : ASTM C475.
C. STEEL DRILL SCREWS: ASTM C1002. FOR FASTENING CEMENTITIOUS BACKER UNITS, USE SCREWS OF TYPE AND SIZE RECOMMENDED BY PANEL MANUFACTURER.
D. SOUND-ATTENUATION BLANKETS: ASTM C665, TYPE I.
E. ACOUSTICAL SEALANT: SECTION 079200 JOINT SEALANTS."

1.4 INSTALLATION AND FINISHING
A. COMPLY WITH ASTM C840.
B. GYPSUM BOARD FINISH LEVELS: ASTM C840.
   1. LEVEL 1: CEILING PLENUM AREAS, CONCEALED AREAS, AND WHERE INDICATED.
   2. LEVEL 2: PANELS THAT ARE SUBSTRATE FOR TILE.
   3. LEVEL 4: AT PANEL SURFACES THAT WILL BE EXPOSED TO VIEW UNLESS OTHERWISE INDICATED.

SECTION 093013 - CERAMIC TILING

1.1 GENERAL SECTION REQUIREMENTS
A. INSTALLER QUALIFICATIONS: INSTALLER IS A FIVE-STAR MEMBER OF THE NATIONAL TILE CONTRACTORS ASSOCIATION OR A TROWEL OF EXCELLENCE MEMBER OF THE TILE CONTRACTORS' ASSOCIATION OF AMERICA. INSTALLER'S SUPERVISOR FOR PROJECT HOLDS THE INTERNATIONAL MASONRY INSTITUTE'S FOREMAN CERTIFICATION.

1.2 TILE PRODUCTS AND MATERIALS
A. ANSI CERAMIC TILE STANDARD: ANSI A137.1 STANDARD-GRADE TILE FOR TYPES, COMPOSITIONS, AND OTHER CHARACTERISTICS INDICATED.
B. TILE PRODUCTS: AS INDICATED ON DRAWINGS OR AS SELECTED BY OWNER.
C. WATERPROOF MEMBRANE: MANUFACTURER'S STANDARD PRODUCT THAT COMPLIES WITH ANSI A118.10 AND ANSI A118.12 FOR STANDARD PERFORMANCE AND IS RECOMMENDED BY THE MANUFACTURER FOR THE APPLICATION INDICATED. INCLUDE REINFORCEMENT AND ACCESSORIES RECOMMENDED BY MANUFACTURER.
D. IMPROVED MODIFIED DRY-SET MORTAR (THINSET): ANSI A118.15.
E. HIGH-PERFORMANCE TILE GROUT: ANSI A118.7.
F. METAL EDGE STRIPS: ANGLE OR L-SHAPE, HEIGHT TO MATCH TILE AND SETTING-BED THICKNESS, METALLIC OR COMBINATION OF METAL AND PVC OR NEOPRENE BASE, DESIGNED SPECIFICALLY FOR FLOORING APPLICATIONS.
G. FLOOR SEALER: MANUFACTURER'S STANDARD PRODUCT FOR SEALING GROUT JOINTS AND THAT DOES NOT CHANGE COLOR OR APPEARANCE OF GROUT.

1.3 INSTALLATION
A. COMPLY WITH TCNA'S "HANDBOOK FOR CERAMIC, GLASS, AND STONE TILE INSTALLATION" FOR TCNA INSTALLATION METHODS. COMPLY WITH PARTS OF THE ANSI A108 SERIES "SPECIFICATIONS FOR INSTALLATION OF CERAMIC TILE" THAT ARE REFERENCED IN TCNA INSTALLATION METHODS AND APPLY TO TYPES OF SETTING AND GROUTING MATERIALS USED.
B. INSTALL WATERPROOF AND CRACK ISOLATION MEMBRANE TO COMPLY WITH ANSI A108.13, AND WITH ANSI A108.17, AND MANUFACTURER'S WRITTEN INSTRUCTIONS TO PRODUCE A MEMBRANE OF UNIFORM THICKNESS THAT IS BONDED SECURELY TO SUBSTRATE.
C. FLOOR SEALER: APPLY FLOOR SEALER TO GROUT JOINTS IN TILE FLOORS ACCORDING TO FLOOR-SEALER MANUFACTURER'S WRITTEN INSTRUCTIONS.

SECTION 096400 - WOOD FLOORING

1.1 GENERAL SECTION REQUIREMENTS
A. HARDWOOD FLOORING: COMPLY WITH NWFA A500 FOR SPECIES, GRADE, AND CUT.

1.2 WOOD FLOORING MATERIALS
A. SOLID-WOOD FLOORING: KILN DRIED TO 6 TO 9 PERCENT MAXIMUM MOISTURE CONTENT; TONGUE AND GROOVE AND END MATCHED; WITH BACKS CHANNELED. COMPLY WITH NWFA A500 FOR SPECIES, GRADE, AND CUT.
   1. SPECIES: WHITE OAK.
   2. GRADE: SELECT.
   3. CUT: PLAIN SAWN.
   4. THICKNESS: 3/4 INCH.
   5. FACE WIDTH: MATCH WIDTH OF EXISTING FLOORING PLANKS.
   6. LENGTHS: RANDOM-LENGTH STRIPS COMPLYING WITH APPLICABLE GRADING RULES.
   7. EDGE STYLE: SQUARE.
   8. FINISH: UV URETHANE. COLOR AS SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE.
B. ENGINEERED-WOOD FLOORING, FIELD-FINISHED: HPVA EF, MEETING REQUIREMENTS FOR COMPOSITE WOOD PRODUCTS.
C. FACTORY OR FIELD FINISH: AS INDICATED ON DRAWINGS.
D. SOUND CONTROL UNDERLAYMENT: RECYCLED RUBBER, 1/4 INCH THICK PRVIDING MINIMUM IIC OF 50 WHEN TESTED ACCORDING TO ASTM E492.
E. FASTENERS: AS RECOMMENDED BY MANUFACTURER, BUT NOT LESS THAN THAT RECOMMENDED IN NWFA'S "INSTALLATION GUIDELINES."

1.3 INSTALLATION
A. COMPLY WITH FLOORING MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS, BUT NOT LESS THAN APPLICABLE RECOMMENDATIONS IN NWFA'S "INSTALLATION GUIDELINES."
B. WOOD UNDERLAYMENT: INSTALL ACCORDING TO REQUIREMENTS IN SECTION 061600 "SHEATHING."
C. EDGE EXPANSION SPACE: 3/4 INCH AT WALLS AND OTHER OBSTRUCTIONS.
D. SOLID-WOOD FLOORING: BLIND NAIL OR STAPLE FLOORING TO SUBSTRATE. FOR FLOORING OF FACE WIDTH MORE THAN 3 INCHES INSTALL COUNTERSUNK SCREWS AT EACH END OF EACH PIECE IN ADDITION TO BLIND NAILING. COVER SCREW HEADS WITH WOOD PLUGS GLUED FLUSH WITH FLOORING.

SECTION 096513 - RESILIENT BASE AND ACCESSORIES

1.1 PRODUCTS AND MATERIALS
A. RUBBER BASE: ASTM F1861, TYPE TS, GROUP I, COVE, 0.125 INCH THICKNESS, 4 INCH HEIGHT.
B. VINYL MOLDING ACCESSORY: JOINER FOR TILE AND CARPET AND OTHER FLOORING TRANSITIONS INDICATED.

1.2 INSTALLATION
A. PREPARE SUBSTRATES ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS TO ENSURE ADHESION OF RESILIENT PRODUCTS.
B. COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS FOR INSTALLING RESILIENT BASE.

SECTION 096519 - RESILIENT TILE FLOORING

1.1 PERFORMANCE REQUIREMENTS
A. CRITICAL RADIANT FLUX CLASSIFICATION: CLASS I, NOT LESS THAN 0.45 W/SQ. CM. ASTM E 648.
B. COMPLY WITH CDPH EMISSION REQUIREMENTS. NO FLEXIBLE PVC WITH PHTHALATES MAY BE INSTALLED, WHETHER THE PHTHALATES WERE INTENTIONALLY ADDED OR ADDED VIA RECYCLED CONTENT. REFER TO SECTION 018113.

1.2 FLOORING MATERIALS
A. LUXURY VINYL TILE (LVT): TARKETT; ID LATITUDE SERIES, HEARTHSTONE, NO PLST 7242 QU.
   1. LVT STANDARD: ASTM F 1700, CLASS II, TYPE: B, 0.125 INCH THICK, UNLESS INDICATED OTHERWISE.
B. VINYL COMPOSITION TILE (VCT): TARKETT VCT II.
   1. TILE STANDARD: ASTM F1066, CLASS 2, SMOOTH SURFACE, 0.125 INCH THICKNESS..
C. TROWELABLE LEVELING AND PATCHING COMPOUND: LATEX-MODIFIED, PORTLAND CEMENT BASED OR BLENDED HYDRAULIC-CEMENT-BASED FORMULATION PROVIDED OR APPROVED BY FLOOR TILE MANUFACTURER FOR APPLICATIONS INDICATED.
D. ADHESIVES: WATER-RESISTANT TYPE RECOMMENDED BY FLOOR TILE AND ADHESIVE MANUFACTURERS TO SUIT FLOOR TILE AND SUBSTRATE CONDITIONS INDICATED. ADHESIVES SHALL COMPLY WITH LIMITS FOR VOC.

1.3 PREPARATION
A. PREPARE SUBSTRATES ACCORDING TO FLOOR TILE MANUFACTURER'S WRITTEN INSTRUCTIONS.
B. CONCRETE AND GYPSUM CONCRETE SUBSTRATES: PREPARE ACCORDING TO ASTM F 710 AND F 2419 RESPECTIVELY INCLUDING ALKALINITY AND ADHESION TESTING, MOISTURE TESTING ASTM F 1869, RELATIVE HUMIDITY TEST ASTM F 2170.
C. INSTALL TROWELABLE LEVELING AND PATCHING COMPOUND TO PRODUCE A UNIFORM AND SMOOTH SUBSTRATE.

1.4 FLOOR TILE INSTALLATION
A. COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS FOR INSTALLING FLOOR TILE.
B. ADHERE FLOOR TILES TO FLOORING SUBSTRATES USING A FULL SPREAD OF ADHESIVE APPLIED TO SUBSTRATE TO PRODUCE A COMPLETED INSTALLATION WITHOUT OPEN CRACKS, VOIDS, RAISING AND PUCKERING AT JOINTS, TELEGRAPHING OF ADHESIVE SPREADER MARKS, AND OTHER SURFACE IMPERFECTIONS.

SECTION 099100 - PAINTING

1.1 HISTORIC REQUIREMENTS
A. NOTIFY ARCHITECT SEVEN DAYS BEFORE THE SCHEDULED START OF PAINTING EXISTING REPAIRED MASONRY SURFACES SO THAT ARCHITECT CAN DOCUMENT CURRENT EXISTING CONDITIONS FOR REPORTING TO SHPO.

1.2 PAINT PRODUCTS
A. MANUFACTURER: PPG ARCHITECTURAL FINISHES, INC.
B. INTERIOR PAINT, COATINGS, AND PRIMERS: VOC CONTENT LESS THAN OR EQUAL TO SCAQMD 1113 THRESHOLDS REFER TO SECTION 018113.

1.3 PREPARATION AND APPLICATION
A. PREPARATION AND APPLICATION: COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS AND RECOMMENDATIONS IN "MPI ARCHITECTURAL PAINTING SPECIFICATION MANUAL" APPLICABLE TO SUBSTRATES AND PAINT SYSTEMS INDICATED. MPI PAINT GRADE: PREMIUM. APPLY 2 TOPCOATS MINIMUM.
B. PAINT EXPOSED CONDUITS, PIPES, DUCTWORK, ETC. MATCH COLOR OF ADJACENT SURFACES.

1.4 EXTERIOR PAINTING SCHEDULE
A. BRICK, NEW UNCOATED AND EXISTING RE-COAT
   1. PRIMER AND TOPCOAT, MPI # 11: PPG PERMANIZER EXTERIOR 100% ACRYLIC LATEX, SEMIGLOSS (<100), 749-10 SERIES.
B. CEMENT BOARD SIDING, TRIMS, PANELS, (ETC.)
   1. PRIMER AND TOPCOAT, MPI # 10: PPG SPEEDHIDE EXTERIOR ACRYLIC FLAT
C. EXISTING STEEL AND METAL FABRICATIONS, RE-COAT (FIRE ESCAPES, CORNICES, CAST IRON, ETC.)
   1. PRIMER: MPI #23: PPG MULTIPRIME 4160 / DEVGUARD 4160.
   2. TOPCOAT: MPI #72: PPG SIL-SHIELD HIGH-GLOSS SILICONE ALKYD ENAMEL.
D. NEW STEEL AND METAL FABRICATIONS (HANDRAILS, POSTS AND RAILINGS, ETC.)
   1. PRIMER: MPI #20; PPG AMERCOAT 68 HS ZINC RICH PRIMER.
   2. TOPCOAT: MPI #72: PPGPITTHANE ULTRA URETHANE ENAMEL.
E. DRESSED LUMBER (TRIM., ETC.)
   1. TOPCOAT: MPI #156 STAIN, EXTERIOR, WATER BASED, SEMI-TRANSPARENT
      a. PPG OLYMPIC MAXIMUM DECK, FENCE & SIDING SEMI-TRANSP. STAIN (233) 79550

1.5 INTERIOR PAINTING SCHEDULE
A. STEEL AND METAL FABRICATIONS
   1. PRIMER: MPI #107, PRIMER, RUST-INHIBITIVE, WATER BASED:
      a. PPG, PITT-TECH PLUS INT/EXT DTM INDUSTRIAL PRIMER, WHITE (90) 90-912
   2. TOPCOAT: MPI #169, ALKYD, WATER BASED, SEMI-GLOSS, (GLOSS LEVEL 5) :
      a. PPG SPEEDHIDE INT/EXT WB ALKYD (37) 6-1510
B. FINISH LUMBER (INCLUDING DOORS, DOOR AND WINDOW FRAMES, MOLDINGS, PANELING, ETC.)
   1. PRIMER: MPI #39, PRIMER, LATEX, FOR INTERIOR WOOD
      a. PPG SEAL GRIP INT/EXT STAIN BLOCKING PRIMER (96) 17-21
   2. TOPCOAT: MPI #54, LATEX, INTERIOR, SEMI-GLOSS, (GLOSS LEVEL 5):
      a. PPG SPEEDHIDE (46) 6-500
C. GYPSUM BOARD (GYPSUM WALLBOARD & TEXTURE FINISHES, ETC.)
   1. TYPICAL SURFACES: LOW SHEEN, EGGSHELL TOPCOAT. USE SEMI-GLOSS ON BATHROOM WALLS.
   2. PRIMER, MPI #50PRIMER SEALER, LATEX, INTERIOR:
      a. PPG SPEEDHIDE INTERIOR LATEX SEALER QUICK-DRYING (46) 6-2
   3. TOPCOAT, EGGSHELL: MPI #52, LATEX, INTERIOR, EGGSHELL, (GLOSS LEVEL 3):
      a. PPG SPEEDHIDE (44) 6-3511
   4. TOPCOAT, SEMI-GLOSS: MPI #54, LATEX, INTERIOR, SEMI-GLOSS, (GLOSS LEVEL 5):
      a. BMC SUPER SPEC GREEN (42) 782
      b. PPG SPEEDHIDE (46) 6-500
      c. SWC PROMAR 200 ZERO VOC SEMI-GLOSS (0) B31-2600 SERIES

10 - SPECIALTIES

SECTION 101423 - PANEL SIGNAGE

1.1 GENERAL SECTION REQUIREMENTS
A. ACCESSIBILITY STANDARD: COMPLY WITH APPLICABLE PROVISIONS IN THE U.S. ARCHITECTURAL & TRANSPORTATION BARRIERS COMPLIANCE BOARD'S ADA ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES AND ICC A117.1 FOR SIGNS.
B. ILLUMINATED EXIT SIGNS: REFER TO ELECTRICAL DRAWINGS.
C. INTERIOR CODE SIGNAGE: TACTILE EXIT SIGNS, AREAS OF REFUGE, DELAYED EGRESS DOORS, ELEVATOR EMERGENCY, FIRE DOORS, FLOOR IDENTIFICATION, DIRECTIONS FOR TWO-WAY COMMUNICATIONS SYSTEM, AND ROOM CAPACITY FOR ASSEMBLY SPACES.
D. DIRECTIONAL SIGNAGE: PROVIDE SIGNAGE AT INACCESSIBLE ELEMENTS INDICATING THE ROUTE TO THE NEAREST ACCESSIBLE ELEMENT.
   1. LOCATIONS: BUILDING ENTRANCES, PUBLIC TOILET/BATH FACILITIES, ELEVATORS NOT SERVING AN ACCESSIBLE ROUTE, AT EXITS AND ELEVATORS SERVING A REQUIRED ACCESSIBLE SPACE, BUT NOT PROVIDING AN APPROVED ACCESSIBLE MEANS OF EGRESS.

1.2 PANEL SIGNS
A. PANEL SIGN: ACRYLIC SHEET SIGN WITH SMOOTH, UNIFORM SURFACES; WITH MESSAGE AND CHARACTERS HAVING UNIFORM FACES, SHARP CORNERS, AND PRECISELY FORMED LINES AND PROFILES WITH APPLIED PAINT GRAPHICS.
   1. ACRYLIC SHEET: ASTM D 4802, TYPE UVF (UV FILTERING).
   2. BRAILLE: GRADE 2 BRAILLE, PLACED DIRECTLY BELOW LAST LINE OF LETTERS OR NUMBERS.
   3. MOUNTING: UNFRAMED. WALL MOUNTED WITH CONCEALED ANCHORS OR TWO-FACE TAPE.

1.3 INSTALLATION
A. MOUNTING HEIGHTS: COMPLY WITH ICC A117.1-2009 SECTION 703.3.10, 703.11 AND OTHER APPLICABLE SECTIONS.
B. MOUNTING: SURFACE MOUNTED TO WALL WITH MANUFACTURER'S STANDARD METHOD FOR SUBSTRATES INDICATED. INSTALL SIGNS ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS.

SECTION 102813 - TOILET AND BATH ACCESSORIES

1.1 TOILET AND BATH ACCESSORIES
A. ACCESSORIES: AS INDICATED IN DRAWINGS.
B. UNDER SINK AND LAVATORY GUARD: INSULATING PIPE COVERING FOR SUPPLY AND DRAIN PIPING ASSEMBLIES THAT PREVENTS DIRECT CONTACT WITH AND BURNS FROM PIPING; ANTIMICROBIAL, MOLDED PLASTIC, WHITE.

1.2 INSTALLATION
A. INSTALL ACCESSORIES ACCORDING TO MANUFACTURERS' WRITTEN INSTRUCTIONS, USING BLOCKING AND FASTENERS APPROPRIATE TO SUBSTRATE INDICATED AND RECOMMENDED BY UNIT MANUFACTURER. INSTALL UNITS LEVEL, PLUMB, AND FIRMLY ANCHORED IN LOCATIONS AND AT HEIGHTS INDICATED.
B. GRAB BARS: INSTALL TO WITHSTAND A DOWNWARD LOAD OF AT LEAST 250 LBF, WHEN TESTED ACCORDING TO ASTM F 446.

SECTION 104400 - FIRE-PROTECTION SPECIALTIES

1.1 PORTABLE FIRE EXTINGUISHERS
A. MULTIPURPOSE DRY-CHEMICAL TYPE: UL-RATED 4A-80B:C, 10-LB NOMINAL CAPACITY, IN ENAMELED-STEEL CONTAINER.

1.2 FIRE-PROTECTION CABINETS
A. CABINET CONSTRUCTION: MANUFACTURER'S STANDARD SEMI-RECESSED BOX , WITH TRIM, FRAME, DOOR, AND HARDWARE. PROVIDE IDENTIFICATION LETTERING ON DOOR.
B. FIRE-RATED CABINETS: COMPLY WITH ASTM E 814; MATCH FIRE RATING OF WALL.

1.3 INSTALLATION
A. COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS FOR INSTALLING FIRE-PROTECTION SPECIALTIES.
B. INSTALL IN LOCATIONS AND AT MOUNTING HEIGHTS INDICATED OR, IF NOT INDICATED, AT HEIGHTS ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.

SECTION 105500 - USPS-DELIVERY POSTAL SPECIALTIES

1.1 MAIL RECEPTACLES
A. FRONT-LOADING MAIL RECEPTACLES: USPS-STD-4C; CONSISTING OF MULTIPLE COMPARTMENTS WITH FIXED, SOLID COMPARTMENT BACKS, ENCLOSED WITHIN A RECESSED WALL BOX.
B. FRONT-LOADING MASTER DOOR: DOOR PREPARED TO RECEIVE LOCK PROVIDED BY LOCAL POSTMASTER.
C. COMPARTMENT DOORS: FABRICATED FROM EXTRUDED ALUMINUM. EQUIP EACH WITH LOCK AND TENANT IDENTIFICATION AS REQUIRED BY USPS-STD-4C.
   1. COMPARTMENT-DOOR LOCKS: USPS-L-1172C; WITH THREE KEYS FOR EACH COMPARTMENT DOOR.
   2. PARCEL-LOCKER-COMPARTMENT-DOOR LOCKS: TWO-KEY SECURITY SYSTEM IN WHICH CONTROL KEY PROVIDES ACCESS TO PARCEL-LOCKER-COMPARTMENT KEY, WHICH OPENS COMPARTMENT AND IS RETAINED ONCE OPENED.
D. BAKED-ENAMEL OR POWDER-COATED FINISH: COLOR AS SELECTED BY ARCHITECT.

1.2 INSTALLATION
A. MAIL RECEPTACLES: INSTALL MAIL RECEPTACLES WITH CENTER OF TENANT-DOOR LOCK CYLINDERS AND BOTTOM OF COMPARTMENTS AT THE MAXIMUM AND MINIMUM HEIGHTS ABOVE FINISHED FLOOR ESTABLISHED BY THE USPS AND MANUFACTURER'S WRITTEN INSTRUCTIONS.
B. ARRANGE FOR USPS PERSONNEL TO EXAMINE AND TEST POSTAL SPECIALTIES SERVED BY THE USPS AFTER THEY HAVE BEEN INSTALLED ACCORDING TO USPS REGULATIONS.

SECTION 105723 - WIRE CLOSET AND UTILITY SHELVING

1.1 WIRE SHELVING SYSTEM
A. STRUCTURAL PERFORMANCE: STATIC LOAD OF 75 LB/FT OF SHELF MINIMUM. FOR HEAVY DUTY APPLICATIONS IN PANTRY APPLICATIONS SPACE SUPPORT BRACES ON 2 FEET CENTERS.
B. MANUFACTURERS: SCHULTE CORP., RUBBERMAID, INC. OR CLOSETMAID.
C. STEEL MATERIALS:
   1. FRONT RODS AND STUDS: 0.306 INCH DIAMETER.
   2. BACK RODS: 0.243 INCH DIAMETER.
   3. CROSS WIRES, 1 INCH SPACING: 0.120 INCH DIAMETER FOR STANDARD SHELF.
   4. CROSS WIRES, 1/2-INCH SPACING: 0.0915 INCH DIAMETER TIGHT MESH SHELF.
D. ACCESSORIES: PROVIDE BRACES, BRACKETS FASTENERS, CLIPS, CAPS, BOLTS, HARDWARE, TOUCH-UP AND OTHER ACCESSORIES AS REQUIRED FOR COMPLETE INSTALLATION.
E. FINISH: ELECTROSTATIC APPLIED OVEN CURED EPOXY, 3 TO 5 MIL THICKNESS,

1.2 INSTALLATION
A. INSTALL WIRE CLOSET AND UTILITY SHELVING IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. INSTALL COMPONENTS TRUE TO LINE, SQUARE WITH ADJACENT COMPONENTS.
B. SPACE CLIPS AND BRACKETS TO COMPLY WITH STRUCTURAL PERFORMANCE REQUIREMENTS. INSTALL DOWN BACK CLIPS ABOVE EVERY SUPPORT BRACE.

11 - EQUIPMENT

SECTION 113013 - RESIDENTIAL APPLIANCES

1.1 GENERAL SECTION REQUIREMENTS
A. ELECTRICAL APPLIANCES: LISTED AND LABELED AS DEFINED IN NFPA 70.
B. ENERGY STAR: PROVIDE APPLIANCES THAT QUALIFY FOR THE EPA/DOE ENERGY STAR PRODUCT-LABELING PROGRAM AS APPLICABLE.
C. ACCESSIBLE DWELLING UNITS: COMPLY WITH ADA ACCESSIBILITY GUIDELINES AND ICC/ANSI A117.1.

1.2 INSTALLATION
A. BUILT-IN EQUIPMENT: SECURELY ANCHOR UNITS TO CABINETS OR COUNTERTOPS WITH CONCEALED FASTENERS.
B. FREESTANDING EQUIPMENT: PLACE UNITS IN FINAL LOCATIONS AFTER FINISHES ARECOMPLETED.
C. UTILITIES: COMPLY WITH PLUMBING AND ELECTRICAL REQUIREMENTS.
D. PERFORM VISUAL, MECHANICAL, AND ELECTRICAL INSPECTION AND TESTING FOR EACH APPLIANCE ACCORDING TO MANUFACTURERS' WRITTEN RECOMMENDATIONS. PERFORM LEAK TEST AND OPERATIONAL TEST. TEST AND ADJUST CONTROLS.

12 - FURNISHINGS

SECTION 122113 - HORIZONTAL LOUVER BLINDS

1.1 HORIZONTAL LOUVER BLINDS
A. PRODUCT SAFETY STANDARD: COMPLY WITH WCMA A 100.1.
B. FLAME-RESISTANCE RATING: COMPLY WITH NFPA 701.
C. BLINDS: POLYMER SLATS THAT ARE LEAD FREE, UV STABILIZED, INTEGRALLY COLORED, OPAQUE, AND WILL NOT CRACK OR YELLOW; ANTISTATIC, DUST-REPELLENT TREATED, 1 INCH WIDTH, CHILD SAFETY LIFT-CORD LOCK, AND MANUAL TILT MECHANISM.
D. SIZING: BETWEEN (INSIDE) JAMB INSTALLATION:

1.2 INSTALLATION
A. INSTALL HORIZONTAL LOUVER BLINDS LEVEL AND PLUMB, ALIGNED AND CENTERED ON OPENINGS, AND ALIGNED WITH ADJACENT UNITS ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS.

SECTION 123530 - RESIDENTIAL CASEWORK

1.1 CABINETS AND COMPONENTS
A. QUALITY STANDARD: PROVIDE CABINETS THAT COMPLY WITH KCMA A161.1, AND
   1. PROVIDE CABINETS WITH KCMA'S "CERTIFIED CABINET" SEAL AFFIXED IN A SEMIEXPOSED LOCATION OF EACH UNIT AND SHOWING COMPLIANCE WITH KCMA A161.1.
   2. COMPLY WITH OHIO HOUSING FINANCE AGENCY DESIGN AND ARCHITECTURAL STANDARDS.
B. CABINETS: SMART CABINETRY; FREEPORT DOOR STYLE, STANDARD OVERLAY, FACE FRAME, FLUSH SLAB DOOR, SLAB DRAWER, FULL OVERLAY WITH ALL PLYWOOD CONSTRUCTION. FINISH: PAINTED, POLAR WHITE.
C. CABINET HARDWARE: COMPLY WITH BHMA A156.9, OF TYPE, SIZE, STYLE, MATERIAL, AND FINISH AS INDICATED BY MANUFACTURER'S DESIGNATIONS AS INDICATED ON DRAWINGS OR AS SELECTED BY OWNER.
   1. PULLS: 4 BY 1.25 INCH WIRE LOOP PULLS, BRUSHED CHROME.
D. DRAWER GUIDES: EPOXY-COATED-METAL, SELF-CLOSING DRAWER GUIDES, COMPLYING WITH BHMA A156.9, TYPE B05011 OR TYPE B05091.
E. COUNTERTOPS: MATERIAL, TYPES, CONFIGURATION, FINISH, AND COLOR AS SELECTED BY OWNER.
   1. QUARTZ AGGLOMERATE: SOLID SHEETS CONSISTING OF QUARTZ AGGREGATES BOUND TOGETHER WITH A MATRIX OF FILLED PLASTIC RESIN AND COMPLYING WITH ICPA SS-1, EXCEPT FOR COMPOSITION.
      a. BATHROOM COUNTERTOPS: RADIUS EDGE.
   2. PROVIDE MOISTURE RESISTANT SUBSTRATES WITHIN 4 FEET OF A SUPPLY PLUMBING FIXTURE.

1.2 INSTALLATION
A. INSTALL CASEWORK WITH NO VARIATIONS IN ADJOINING SURFACES; USE CONCEALED SHIMS. WHERE CASEWORK ABUTS OTHER FINISHED WORK, SCRIBE AND CUT FOR ACCURATE FIT. PROVIDE FILLER STRIPS, SCRIBE STRIPS, AND MOLDINGS IN FINISH TO MATCH CASEWORK.
B. INSTALL CASEWORK WITHOUT DISTORTION SO DOORS AND DRAWERS FIT THE OPENINGS, ARE ALIGNED, AND ARE UNIFORMLY SPACED. INSTALL CASEWORK LEVEL AND PLUMB TO A TOLERANCE OF 1/8 INCH IN 8 FEET.
C. FASTEN CASEWORK TO ADJACENT UNITS AND TO BACKING. FASTEN WALL CABINETS THROUGH BACK, NEAR TOP AND BOTTOM, AND AT ENDS NOT MORE THAN 16 INCHES O.C.
D. FASTEN COUNTERTOPS BY SCREWING THROUGH CORNER BLOCKS OF BASE UNITS INTO UNDERSIDE OF COUNTERTOP. PREDRILL HOLES FOR SCREWS AS RECOMMENDED BY MANUFACTURER.

13 - SPECIAL CONSTRUCTION

14 - CONVEYING EQUIPMENT

15 - FACILITY SERVICES AND SITE SUBSTRUCTURE

SECTION 312113 - RADON MITIGATION

1.1 GENERAL SECTION REQUIREMENTS
A. INSTALLER QUALIFICATIONS: SUCCESSFULLY COMPLETED THE REQUIREMENTS OF AND MAINTAINS A CURRENT LISTING IN THE USEPA RCP PROGRAM.
B. RADON MITIGATION SYSTEMS SHALL REDUCE AND MAINTAIN RADON CONCENTRATION LEVELS BELOW 4.0 PCI/L AFTER ACTIVATION OF THE MITIGATION SYSTEMS.
C. DESIGN RADON MITIGATION SYSTEMS AS A PASSIVE SYSTEM. POWER WILL BE PROVIDED FOR POTENTIAL FUTURE INSTALLATION OF INLINE FANS. ALSO INCLUDE WIRING AND ROUGH-IN FOR FUTURE MONITORING PANEL.
D. DELEGATED DESIGN: ENGAGE A QUALIFIED PROFESSIONAL ENGINEER TO DESIGN RADON MITIGATION SYSTEM.

1.2 RADON MITIGATION SYSTEMS
A. SYSTEM PIPING: ENCLOSE EACH RADON MITIGATION SYSTEM IN OCCUPIED SPACES EXCEPT FOR MECHANICAL AND ELECTRICAL ROOMS, STOREROOMS, JANITOR CLOSETS, CRAWL SPACES, AND ATTIC SPACES.
B. SYSTEM OUTLET LOCATION: MITIGATION SYSTEM DISCHARGE POINTS THROUGH ROOF SHALL BE AS SPECIFIED IN EPA 402-R-93-078. MAINTAIN WATER TIGHT SEAL THROUGH ALL PENETRATIONS TO THE BUILDING EXTERIOR.
C. MATERIALS:
   1. POLY(VINYL CHLORIDE) (PVC) PIPING: ASTM D2665, SCHEDULE 40.
   2. IN-LINE TUBULAR CENTRIFUGAL FANS (FUTURE): AMCA 210 AND UL LISTED.
   3. ELECTRICAL WORK: NFPA 70, NEMA MG 1 AND EPA 402-R-93-078, NO. 12 AWG MINIMUM WIRE SIZE, SOLID COPPER INSTALLED IN EMT OR SURFACE METAL RACEWAY.
   4. MECHANICAL WORK: ICC IMC, ICC UMC, SMACNA 1378 AND EPA 402-R-93-078.
   5. SEALANTS: ASTM C920, POLYURETHANE, TYPE S, GRADE P FOR HORIZONTAL APPLICATION, GRADE NS FOR VERTICAL APPLICATION, CLASS 25, USE T.

1.3 RADON MITIGATION SYSTEMS INSTALLATION
A. INSTALL RADON MITIGATION SYSTEMS AS INDICATED IN THE APPROVED SHOP DRAWINGS, AS SPECIFIED IN EPA 402-R-93-078.
B. ELECTRICAL WORK: NFPA 70 AND EPA 402-R-93-078, NO. 12 AWG MINIMUM WIRE SIZE, SOLID COPPER INSTALLED IN EMT OR SURFACE METAL RACEWAY. A SOURCE OF ELECTRIC POWER SHOULD BE AVAILABLE WITHIN 50 FEET OF EACH FAN INSTALLATION.
C. MECHANICAL WORK: ICC IMC, ICC UMC, SMACNA 1378 AND EPA 402-R-93-078.
D. SYSTEM IDENTIFICATION: LABEL COMPONENTS OF THE RADON MITIGATION SYSTEMS INCLUDING, BUT NOT LIMITED TO, PIPING (EVERY TEN FEET), ENCLOSURES, FANS, ELECTRICAL CONDUIT AND CIRCUIT BREAKERS. LABELS SHALL READ: RADON REDUCTION SYSTEM. DO NOT TURN OFF.

1.4 FIELD QUALITY CONTROL
A. RADON MITIGATION SYSTEM INSPECTION: EACH SYSTEM SHALL BE INSPECTED AND APPROVED IN WRITING BY THE RCP LISTED INDIVIDUAL RESPONSIBLE FOR THE DESIGN OF THE SYSTEM.
B. POST MITIGATION TESTING AND MONITORING
   1. TEST EACH RADON MITIGATION SYSTEM FOR EFFECTIVENESS NO SOONER THAN 24 HOURS NOR LATER THAN 15 DAYS AFTER ACTIVATION OF THE RADON MITIGATION SYSTEM. PROVIDE SHORT TERM RADON DETECTORS (CHARCOAL, ELECTRET ION CHAMBER OR APPROVED EQUIVALENT) AT THE RATE OF ONE DETECTOR PER 2,000 SQUARE FEET BUT NOT LESS THAN ONE DETECTOR PER ENCLOSED SPACE, EXCEPT FOR CLOSETS. ON COPIES OF THE BUILDING FLOOR PLANS, LOCATE AND IDENTIFY EACH SHORT TERM DETECTOR AND PROVIDE SHORT TERM DETECTOR DATA ON COPIES OF THE "DEVICE PLACEMENT LOG" CONTAINED IN EPA 402-R-92-014.
   2. AT THE END OF THE TESTING PERIOD, THE CONTRACTOR SHALL COLLECT THE DETECTORS AND SEND THE DETECTORS TO THE TESTING LABORATORY FOR ANALYSIS. PROVIDE RADON TEST RESULTS OF THE EFFECTIVENESS OF THE MITIGATION SYSTEMS NOT LATER THAN 30 DAYS AFTER COLLECTING THE DETECTORS. RADON TEST RESULTS SHALL BE SENT FROM THE TESTING LABORATORY DIRECTLY TO THE CONSTRUCTION MANAGER. COMPLETE THE LINE ITEM INFORMATION ON THE "DEVICE PLACEMENT LOG."
   3. RADON TEST RESULTS ABOVE 4.0 PCI/L SHALL REQUIRE SYSTEM REDESIGN AND INSTALLATION MODIFICATIONS AS NECESSARY TO ACHIEVE RADON TEST RESULTS BELOW 4.0 PCI/L. REPEAT THIS SHORT TERM TEST PROCEDURE UNTIL TEST RESULTS BELOW 4.0 PCI/L ARE ACHIEVED.

SECTION 32319 - DECORATIVE METAL FENCES AND GATES

1.1 PERFORMANCE REQUIREMENTS
A. WIND LOADING: COMPLY WITH ASCE/SEI 7 REQUIREMENTS FOR FENCE HEIGHT, WIND EXPOSURE, DESIGN WIND SPEED, AND DESIGN WIND PRESSURE.

1.2 FENCE AND GATE MATERIALS
A. DECORATIVE STEEL TUBULAR PICKET FENCES: COMPLY WITH ASTM F2408, LIGHT-INDUSTRIAL WITH METALLIC COATED STEEL FINISH. BASIS OF DESIGN PRODUCT: AMERISTAR FENCE PRODUCTS; MONTAGE PLUS, MAJESTIC STYLE STEEL FENCE OR A COMPARABLE SUBSTATION SUBJECT TO APPROVAL BY ARCHITECT.
B. STEEL GATE FRAMES AND BRACING: FABRICATE MEMBERS FROM SQUARE TUBES 1-3/4 BY 1-3/4 INCHES FORMED FROM 0.108-INCH NOMINAL-THICKNESS, METALLIC-COATED STEEL SHEET.
C. HARDWARE: LATCHES COMPATIBLE WITH ELECTRONIC LOCK SYSTEM PERMITTING OPERATION FROM BOTH SIDES OF GATE, HINGES, AND KEEPERS FOR EACH GATE LEAF MORE THAN 5 FEET WIDE. PROVIDE CENTER GATE STOPS AND CANE BOLTS FOR PAIRS OF GATES. FABRICATE LATCHES WITH INTEGRAL EYE OPENINGS FOR PADLOCKING; PADLOCK ACCESSIBLE FROM BOTH SIDES OF GATE.
D. POWDER COATING: MANUFACTURER'S STANDARD TWO-COAT FINISH CONSISTING OF ZINC-RICH EPOXY PRIME COAT AND TGIC POLYESTER TOPCOAT TO A MINIMUM TOTAL DRY FILM THICKNESS OF 4 MILS.

1.3 DECORATIVE FENCE AND GATE INSTALLATION
A. INSTALL FENCES ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS.
B. POST SETTING: SET POSTS IN CONCRETE AT INDICATED SPACING AT 6 FEET O.C. INTO FIRM, UNDISTURBED SOIL. VERIFY THAT POSTS ARE SET PLUMB, ALIGNED, AND AT CORRECT HEIGHT. HOLD IN POSITION DURING CONCRETE SETTING.
C. INSTALL GATES ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS, LEVEL, PLUMB, AND SECURE FOR FULL OPENING WITHOUT INTERFERENCE. ATTACH HARDWARE USING TAMPER-RESISTANT OR CONCEALED MEANS. INSTALL GROUND-SET ITEMS IN CONCRETE FOR ANCHORAGE. ADJUST HARDWARE FOR SMOOTH OPERATION AND LUBRICATE WHERE NECESSARY.

REQUIRED SUBMITTALS/MOCK-UPS & PHOTO DOCUMENTATION

Section		Delegated Design	Mockup(s)	Photo Document	Notes
00 - Procurement and Contracting Requirements					
01 - General Requirements					
01 35 91 - Historic Treatment Procedures				X	
02 - Existing Conditions					
02 41 19 - Selective Demolition					
03 - Concrete					
04 - Masonry					
04 01 20 - Maintenance of Unit Masonry					
	Tuckpointing/Cleaning		X	X	1, 2, 3
	Masonry repair and replacement/Cleaning		X	X	1, 2, 3
	Graffiti Removal		X	X	4
04 20 00 - Unit Masonry					
05 - Metals					
05 01 51 - Maintenance of Metal Fire Escape					
05 01 70 - Maintenance of Decorative Metal					
05 52 13 - Pipe and Tube Railings		X			
06 - Wood, Plastics, and Composites					
06 01 20 - Maintenance of Finish Carpentry					
06 20 00 - Finish Carpentry					
	Wood Stairs	X			
07 - Thermal and Moisture Protection					
08 - Openings					
08 01 52 - Maintenance of Wood Windows			X		
	New Storm windows		X		
08 01 62 - Maintenance of Skylights		X			
08 41 13 - Aluminum-Framed Entrances and Storefronts		X			
08 52 00 - Wood Windows			X		
08 80 00 - Glazing		X			
09 - Finishes					
09 01 20 - Maintenance of Plaster and Gypsum Board					
09 01 50 - Maintenance of Metal Ceilings			X	X	5
09 01 61-Wood Floor Refinishing			X		
10 - Specialties					
11 - Equipment					
12 - Furnishings					
13 - Special Construction					
14 - Conveying Equipment					
15 - Facility Services and Site Substructure					
312113 - Radon Mitigation		X			

	Notes
1	Photograph deteriorated conditions requiring work.
2	Notify Architect prior to masonry work for "before" work photo documentation
3	Notify Architect after completed repair work, prior to painting, for photo documentation
4	Submit before and after photos of successful graffiti removal mockup
5	Photograph "before" metal ceiling conditions and removal process photo documentation

NOT FOR CONSTRUCTION

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3CDC CINCINNATI CENTER CITY DEVELOPMENT CORPORATION

ISSUE LOG:
06.02.2023 ISSUE FOR PERMIT
1 07.14.2023 PERMIT REVISION 1
09.21.2023 OHFA PRELIM. SUBMISSION

ARCHITECTURAL SPECIFICATIONS

A0.7

PRELIMINARY: NOT FOR CONSTRUCTION

ARCHITECTURAL SPECIFICATIONS (SUSTAINABILITY DESIGN REQUIREMENTS)

SECTION 018113

SUSTAINABILITY DESIGN REQUIREMENTS

PART 1 GENERAL

GENERAL CONDITIONS

A. THE GENERAL CONDITIONS, MODIFICATIONS TO GENERAL CONDITIONS, SUPPLEMENTARY OR SPECIAL CONDITIONS AND ANY INSTRUCTIONS TO BIDDERS SHALL APPLY TO ALL DIVISIONS OF WORK.

B. THE REQUIREMENTS OF STATE, LOCAL OR APPROPRIATE CODES APPLICABLE TO THE WORK, WHICHEVER IS THE MOST STRINGENT IS A REQUIREMENT OF ALL DIVISIONS OF WORK.

WORK OF THIS SECTION

A. SECTION INCLUDES:

1. SUSTAINABLE PROJECT GOALS
2. ENTERPRISE GREEN COMMUNITIES CERTIFICATION REQUIREMENTS

B. THE INTENT OF THIS PROJECT IS TO ACHIEVE AN ENTERPRISE GREEN COMMUNITIES 2020 CERTIFICATION.

C. CONTRACTOR SHALL COORDINATE WORK AND REQUIREMENTS WITH OWNER CONTRACTED GREEN RATER/VERIFIER FOR GREEN CERTIFICATIONS. PERTINENT TO GREEN CERTIFICATIONS THE ROLE OF THE GREEN RATER/VERIFIER IS TO GUIDE THE CONSTRUCTION TEAM WITH CERTIFICATION PROCESS; REVIEW DOCUMENTATION, VERIFY GREEN REQUIREMENTS ARE MET; AND TO PERFORM THIRD-PARTY TESTING.

D. CONTRACTOR SHALL OBTAIN ENERGY STAR NATIONAL RATER FIELD CHECKLIST FROM GREEN RATER/VERIFIER.

REFERENCES

A. AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS:

1. ASHRAE 52.2 - METHOD OF TESTING GENERAL VENTILATION AIR-CLEANING DEVICES FOR REMOVAL EFFICIENCY BY PARTICLE SIZE.
2. ASHRAE 62 - VENTILATION FOR ACCEPTABLE INDOOR AIR QUALITY.
3. ASHRAE 90.1 - ENERGY EFFICIENT DESIGN OF NEW BUILDINGS EXCEPT LOW-RISE RESIDENTIAL BUILDINGS.
4. ASHRAE 129 - MEASURING AIR-CHANGE EFFECTIVENESS.

B. ASTM INTERNATIONAL:

1. ASTM E408 - STANDARD TEST METHODS FOR TOTAL NORMAL EMITTANCE OF SURFACES USING INSPECTION-METER TECHNIQUES.
2. ASTM E903 - STANDARD TEST METHOD FOR SOLAR ABSORPTION, REFLECTANCE, AND TRANSMITTANCE OF MATERIALS USING INTEGRATING SPHERES.

C. FOREST STEWARDSHIP COUNCIL: FSC GUIDELINES- FOREST STEWARDSHIP COUNCIL GUIDELINES.

D. SHEET METAL AND AIR CONDITIONING CONTRACTORS: SMACNA IAQ - IAQ GUIDELINES FOR OCCUPIED BUILDINGS UNDER CONSTRUCTION.

E. SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT: SCAQMD RULE 1168 - ADHESIVE AND SEALANT APPLICATIONS.

F. SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT: SCAQMD RULE 1113 – INTERIOR PAINTS, COATINGS, AND PRIMERS.

G. SCS GLOBAL SERVICES RECYCLED CONTENT CERTIFICATION

H. CALIFORNIA DEPARTMENT OF PUBLIC HEALTH (CDPH) EMISSION STANDARD, FORMERLY CALIFORNIA 01350 –VOC EMISSION LIMITS

I. CARB PHASE 2 – COMPOSITE WOOD FORMALDEHYDE EMISSIONS TESTING STANDARD

J. AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) / AMERICAN WATER WORKS ASSOCIATION (AWWA) C810-17 STANDARD

K. NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)'S STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES GUIDANCE

L. U.S. ENVIRONMENTAL PROTECTION AGENCY:

1. EPA BASELINE IAQ - TESTING FOR INDOOR AIR QUALITY, BASELINE IAQ, AND MATERIALS SECTION 01445.
2. EPA 402-K-01-002 – A STEP-BY-STEP GUIDE ON HOW TO BUILD RADON-RESISTANT HOMES

M. ENTERPRISE GREEN COMMUNITIES:

1. GREEN COMMUNITIES CHECKLIST 2020
2. GREEN COMMUNITIES CRITERIA 2020

N. ENERGY STAR QUALIFIED HOMES PROGRAM REQUIREMENTS HTTPS://WWW.ENERGYSTAR.GOV/PARTNER_RESOURCES/RESIDENTIAL_NEW/HOMES_PROG_REQS/NATIONAL_PAGE

SUBMITTALS

A. THE CONTRACTOR SHALL SUBMIT THE FOLLOWING ITEMS DIRECTLY TO THE GREEN RATER/VERIFIER.

B. CONSTRUCTION WASTE DIVERSION RATE (CALCULATION AND/OR WASTE TICKETS)

C. THE CONTRACTOR SHALL SUBMIT CUT-SHEETS OF PRODUCTS INTENDED TO COMPLY WITH ENVIRONMENTALLY PREFERABLE PRODUCTS (EPP). SEE GREEN COMMUNITIES CHECKLIST SECTION 6 FOR LIST OF PRODUCTS INTENDED TO MEET THIS REQUIREMENT. EPP CRITERIA ARE AS FOLLOWS:

1. INGREDIENT TRANSPARENCY FOR MATERIAL HEALTH REQUIREMENT – PUBLICLY DISCLOSED WHERE CONTENT IS CHARACTERIZED AND SCREENED USING HEALTH HAZARD LISTS OR RESTRICTED SUBSTANCES LISTS TO 1,000 PPM
2. RECYCLED CONTENT AND INGREDIENT TRANSPARENCY REQUIREMENT – MINIMUM 25% POST CONSUMER
3. CHEMICAL HAZARD OPTIMIZATION REQUIREMENT – THIRD-PARTY VERIFICATION OF OPTIMIZATION TO 100 PPM.
4. HEALTHIER MATERIALS SELECTION REQUIREMENT – SEE SPECIFIC REQUIREMENTS FOR LOW-EMISSION PAINTS, COATINGS, PRIMERS, WALLPAPER, ADHESIVES, SEALANTS, FLOORING, INSULATION, AND COMPOSITE WOOD UNDER CRITERION 6.4.
5. ENVIRONMENTALLY RESPONSIBLE MATERIAL REQUIREMENT – SEE SPECIFIC REQUIREMENTS FOR EMBODIED EMISSIONS FOR CONCRETE, STEEL, INSULATION, ROOFING, PAVING, AND NON-COMPOSITE WOOD UNDER CRITERION 6.5
6. REGIONAL MATERIALS REQUIREMENT – EXTRACTED, MANUFACTURED, AND FABRICATED (ALL PROCESSES) WITHIN 500-MILE CROW-FLY DISTANCE OF SITE.

QUALITY ASSURANCE

A. PERFORM WORK IN ACCORDANCE WITH THE ENTERPRISE GREEN COMMUNITIES CRITERIA FOR PREREQUISITES AND CREDITS PERTINENT TO THIS PROJECT LISTED IN GREEN COMMUNITIES WORKSHEET INCLUDED AT THE END OF THIS SECTION.

B. MAINTAIN ONE COPY OF GREEN COMMUNITIES CRITERIA ON SITE. CRITERIA IS AVAILABLE FOR DOWNLOAD AT HTTPS://WWW.GREENCOMMUNITIESONLINE.ORG/SITES/DEFAULT/FILES/EGC_2020_CRITERIA_MANUAL.PDF

C. THOROUGHLY REVIEW ANY REQUESTS FOR SUBSTITUTION FOR PRODUCTS THAT ARE RELATED TO ENTERPRISE GREEN COMMUNITIES PREREQUISITES AND CREDITS. ANY SUBSTITUTIONS MAY JEOPARDIZE PROJECTS' ABILITY TO OBTAIN CERTIFICATION.

D. PERFORM STORM WATER MANAGEMENT AND EROSION CONTROL WORK IN ACCORDANCE WITH EPA BEST MANAGEMENT PRACTICES OR LOCAL EROSION AND SEDIMENTATION CONTROL STANDARDS WHICHEVER IS MORE STRINGENT.

E. PERFORM WORK TO MEET OR EXCEED MINIMUM ENERGY EFFICIENCY AND PERFORMANCE IN ACCORDANCE WITH ENERGY STAR REQUIREMENTS. ENERGY STAR CHECKLIST IS ENCLOSED AT END OF THIS SECTION.

F. PERFORM WORK WITHOUT USE OF CFC BASED REFRIGERANTS IN HVAC BUILDING SYSTEMS.

G. PERFORM VENTILATION WORK IN ACCORDANCE WITH ASHRAE 62.

H. DEVELOP AND IMPLEMENT CONSTRUCTION INDOOR AIR QUALITY MANAGEMENT PLAN INCLUDING THE FOLLOWING:

1. COMPLY WITH MINIMUM REQUIREMENTS OF SMACNA IAQ.
2. PROTECT STORED AND INSTALLED ABSORPTIVE MATERIALS FROM MOISTURE DAMAGE.
   A.STORE MATERIALS ON ELEVATED PLATFORMS UNDER COVER, AND IN DRY LOCATION.
   B.WHEN MATERIALS ARE NOT STORED IN ENCLOSED LOCATION, COVER TOPS AND SIDES OF MATERIAL WITH SECURED WATERPROOF SHEETING.
3. PROTECT HVAC EQUIPMENT DURING CONSTRUCTION.
   A. SHUT DOWN RETURN SIDE OF HVAC SYSTEM WHENEVER POSSIBLE DURING HEAVY CONSTRUCTION OR DEMOLITION.
   B.WHEN HVAC SYSTEMS ARE OPERATED DURING HEAVY CONSTRUCTION, FURNISH DISPOSABLE TEMPORARY FILTERS.

PART 2 PRODUCTS

PRODUCT SUBSTITUTION

A. THOROUGHLY REVIEW ANY REQUESTS FOR SUBSTITUTION FOR PRODUCTS THAT ARE RELATED TO GREEN COMMUNITIES PREREQUISITES AND CREDITS. ANY SUBSTITUTIONS MAY JEOPARDIZE THE PROJECT'S ABILITY TO OBTAIN CERTIFICATION.

PART 3 EXECUTION

EGC 1.4 INTEGRATIVE DESIGN: CONSTRUCTION MANAGEMENT (MANDATORY)

1. AT THE ONSET OF CONSTRUCTION ORGANIZE AN ENTERPRISE GREEN COMMUNITIES TRADES TRAINING MODERATED BY GREEN VERIFIER.
2. FOLLOWING TRADES TO ATTEND - GC PROJECT MANAGER, GC SITE SUPERINTENDENT, MECHANICAL-ELECTRICAL PLUMBING, INSULATION, FRAMING, DRYWALL, AIR-INFILTRATION PACKAGE.
3. PROVIDE A MINIMUM OF 2-WEEK NOTICE TO GREEN VERIFIER PRIOR TO TRAINING DATE.

EGC 2.1 SITE SELECTION (MANDATORY)

THIS PROJECT DOES NOT HAVE ANY ECOLOGICALLY SENSITIVE FEATURES.

IF ECOLOGICALLY SENSITIVE FEATURES ARE IDENTIFIED IN THE ECOLOGICAL RESOURCE PROTECTION ZONE (ERPZ) MEET THE FOLLOWING:

1. PROTECT FLOODPLAIN FUNCTIONS
   a. PROJECTS BUILT ON LAND THAT IS WITHIN THE SPECIAL FLOOD HAZARD AREA (SPHA) AS IDENTIFIED BY FEMA, MUST BE DESIGNED TO MEET THE ASCE 24 FLOOD RESISTANT DESIGN AND CONSTRUCTION STANDARD.
   a. ENSURE THAT ANY DEVELOPMENT OR REDEVELOPMENT ACTIVITIES WITHIN THE FLOODPLAIN WILL MITIGATE AND IMPROVE EXISTING FLOODPLAIN CONDITIONS (MAINTAIN OR INCREASE EXISTING FLOODPLAIN STORAGE, IMPROVE WATER QUALITY, IMPLEMENT FLOOD-RESILIENT DESIGN).
   b. DO NOT RAISE TOPOGRAPHICAL ELEVATIONS IN FLOOD ZONES.
2. PROTECT AQUATIC ECOSYSTEMS
   a. DO NOT EXTEND THE BUILDING, BUILT STRUCTURES, ROADS, OR PARKING AREAS INTO WETLANDS OR DEEPWATER HABITATS, AS IDENTIFIED IN THE ERPZ, BEYOND WHERE THEY ALREADY EXIST.
   b. DEVELOP RESTORATION PLANS FOR WETLAND AND DEEPWATER HABITATS WITHIN THE ERPZ.
3. CONSERVE HABITAT FOR ANY SPECIES ON FEDERAL OR STATE THREATENED OR ENDANGERED LISTS
   a. DO NOT EXTEND THE BUILDING, BUILT STRUCTURES, ROADS, OR PARKING AREAS INTO HABITATS FOR THREATENED AND ENDANGERED PLANT AND ANIMAL SPECIES ON THE SITE, AS IDENTIFIED IN THE ERPZ.
   b. MINIMIZE DISTURBANCES WITHIN THE ERPZ DURING CONSTRUCTION. IF CONSTRUCTION ACTIVITIES PERMANENTLY DISRUPT THE HABITAT OF THREATENED OR ENDANGERED ANIMAL HABITATS, FOLLOW THE GUIDANCE OF RESPONSIBLE STATE (OR LOCAL) AGENCIES ON HOW TO BEST ADDRESS.EGC 2.14 LOCAL ECONOMIC DEVELOPMENT AND COMMUNITY WEALTH CREATION
1. CONTRACTOR SHALL DEMONSTRATE THAT LOCAL PREFERENCE FOR CONSTRUCTION EMPLOYMENT AND SUBCONTRACTOR HIRING WAS PART OF BIDDING PROCESS.

EGC 3.1 ENVIRONMENTAL REMEDIATION (MANDATORY)

1. SUBMIT PHASE 1 ENVIRONMENTAL SITE ASSESSMENT REPORT TO GREEN VERIFIER/VERIFIERIF AN ENVIRONMENTAL SITE ASSESSMENT REVEALS ANY HAZARDOUS MATERIALS, MITIGATE THESE BEFORE PROCEEDING WITH DEVELOPMENT.

EGC 3.2 EROSION AND SEDIMENTATION CONTROL (MANDATORY)

APPLIES ONLY WHEN ANY SITE-WORK OR EXCAVATION IS IN SCOPE:

CONTRACTOR SHALL IMPLEMENT EPA'S NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)' STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES GUIDANCE, OR LOCAL REQUIREMENTS, WHICHEVER IS MORE STRINGENT. IF EXCAVATION AND SITE WORK IS PART OF SCOPE:

1. STOCKPILE AND PROTECT DISTURBED TOPSOIL FOR REUSE.
2. CONTROL THE PATH AND VELOCITY OF RUNOFF WITH SILT FENCING OR EQUIVALENT.
3. PROTECT SEWER INLETS, STREAMS, AND LAKES ON SITE DURING CONSTRUCTION WITH SILT FENCING, SILT SACKS OR COMPARABLE MEASURES.
4. PROVIDE SWALES TO DIVERT SURFACE WATER FROM HILLSIDES.
5. IDENTIFY AND PROTECT SIGNIFICANT, HIGH VALUE TREES DURING CONSTRUCTION WITH FENCING OUTSIDE THE CRITICAL ROOT ZONE.
6. IF SOIL IS DISTURBED DURING CONSTRUCTION ON SLOPED AREAS, USE TIERS, EROSION BLANKETS, COMPOST BLANKETS, ETC. TO STABILIZE SOIL.

EGC 3.3 ECOSYSTEM SERVICES/ LANDSCAPE (MANDATORY)

WHEN NEW LANDSCAPING IS PROVIDED, OR EXISTING LANDSCAPING IS MODIFIED:

1. ALL NEW LANDSCAPING (TREES, SHRUBS, AND GROUNDCOVER, INCLUDING GRASSES) SHOULD BE NATIVE OR ADAPTED TO THE REGION. ALL NEW PLANTS MUST BE APPROPRIATE TO THE SITE'S SOIL AND MICROCLIMATE, AND NONE SHOULD BE INVASIVE SPECIES.
2. ALL DISTURBED EXISTING LANDSCAPE AREAS SHOULD BE RESEEDED WITH NATIVE GROUNDCOVER OR PLANS AND MULCH.

EGC 3.4 SURFACE STORMWATER MANAGEMENT (MANDATORY)

APPLICABLE TO NEW CONSTRUCTION OR REHAB DISTURBING GREATER THAN 5,000 SQUARE FEET

1. TREAT OR RETAIN, ON SITE, THE PRECIPITATION VOLUME FROM THE 60TH PERCENTILE PRECIPITATION EVENT AS DEFINED BY THE U.S. EPA IN THE TECHNICAL GUIDANCE ON IMPLEMENTING THE STORMWATER RUNOFF REQUIREMENTS FOR FEDERAL PROJECTS UNDER SECTION 438 OF THE ENERGY INDEPENDENCE AND SECURITY ACT.

EGC 3.6 EFFICIENT IRRIGATION AND WATER REUSE (MANDATORY)

WHEN NEW IRRIGATION SYSTEM IS PROVIDED, OR EXISTING SYSTEM IS MODIFIED:

1. COMPLY WITH ALL LOCAL WATER RESTRICTIONS.
2. DESIGN IRRIGATION ZONES TO RESPOND TO WEATHER CONSIDERATIONS, SOLAR EXPOSURE, REFLECTED LIGHT/HEAT FROM ADJACENT BUILDING OR HARDSCAPE, SOIL TYPE, TOPOGRAPHY/SLOPE, PLANT MATERIAL.
3. ESTABLISH IRRIGATION VOLUME AND FREQUENCY PER ZONE TO BE APPROPRIATE FOR THE CLIMATE, SOIL TYPE, AND PLANTS.
4. SELECT EMISSION DEVICES, VALVES, PIPES, CONTROLLERS, AND SENSORS SUITABLE TO THE LANDSCAPE REQUIREMENTS THAT WILL FACILITATE LONG TERM RELIABILITY AND SERVICEABILITY.
5. DESIGN IRRIGATION SYSTEM TO TARGET EACH PLANTING AREA WITH NO OVERSPRAY OF IMPERVIOUS SURFACES OR ADJACENT PLANTING AREAS. PREVENT RUNOFF OF WATER FROM THE SITE.
6. INSTALL TIMER/CONTROLLER THAT ACTIVATES THE VALVES FOR EACH WATERING ZONE AT THE BEST TIME OF DAY TO MINIMIZE EVAPORATIVE LOSSES WHILE MAINTAINING HEALTHY PLANTS AND OBEYING LOCAL REGULATIONS AND WATER-USE GUIDANCE.
7. INSTALL SOIL MOISTURE SENSOR CONTROLLER PER VEGETATION ZONE OR RAIN DELAY CONTROLLER.

EGC 4.1 & 4.2 WATER-CONSERVING FIXTURES (MANDATORY)

1. SERVICE PRESSURE IN EACH UNIT MUST NOT EXCEED 60 PSI. PROVIDE DOCUMENTATION OF MUNICIPAL WATER PRESSURE. GREEN VERIFIER WILL TEST WATER PRESSURE AT UNITS.
2. FOLLOWING FLOW RATES ARE REQUIRED TO REDUCE TOTAL INDOOR WATER CONSUMPTION BY 30%:
3. TOILETS MUST BE WATERSENSE CERTIFIED AND 1.28 GALLONS PER FLUSH OR LESS, INCLUDING DUAL-FLUSH AND PRESSURE-ASSISTED MODELS.
4. URINALS MUST BE WATERSENSE CERTIFIED AND 0.5 GALLONS PER FLUSH OR LESS.
5. SHOWERHEADS MUST BE WATERSENSE-LABELED AND 1.75 GALLONS PER MINUTE OR LESS.
6. KITCHEN FAUCETS MUST BE 1.5 GALLONS PER MINUTE OR LESS.
7. LAVATORY FAUCETS MUST BE WATERSENSE CERTIFIED AND 1.2 GALLONS PER MINUTE OR LESS.

EGC 4.3 WATER QUALITY (MANDATORY)

MANDATORY FOR SUBSTANTIAL REHABS BUILT BEFORE 1986. OPTIONAL FOR ALL OTHER PROJECTS

1. REPLACE LEAD SERVICE LINES. DETERMINE WHETHER A LEAD SERVICE LINE (LSL) CONNECTS THE DRINKING WATER MAIN UNDER THE STREET WITH THE BUILDING. IF AN LSL IS PRESENT, REPLACE IT BEFORE OR WHILE REPLACING THE WATER HEATER. FOLLOW AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) / AMERICAN WATER WORKS ASSOCIATION (AWWA) C810-17 STANDARD WHEN REPLACING THE LSL.

EGC 5.1B BUILDING PERFORMANCE STANDARD (MANDATORY)

ERI OPTION

DEMONSTRATE ENERGY PERFORMANCE EQUIVALENT TO A HERS INDEX OF 100: ENERGY ANALYSIS CONDUCTED BY

GREEN VERIFIER CONFIRMS THAT THE PROJECT IS BELOW HERS 100 TARGET. ON-SITE POWER GENERATION MAY NOT

BE USED TO SATISFY THE MINIMUM ENERGY PERFORMANCE. MEETING ENERGY PERFORMANCE STANDARDS FURTHER

REQUIRES MANDATORY INSPECTION AND TESTING CONDUCTED BY OWNER CONTRACTED GREEN RATER/VERIFIER FOR

GREEN CERTIFICATIONS.

CONDUCT COMPARTMENTALIZATION OF DWELLING UNITS VIA AIR INFILTRATION NO GREATER THAN 0.30 CMF50 FOR

SUBSTANTIAL REHAB PER SQUARE FEET OF DWELLING UNIT ENCLOSURE AREA OR A 20% IMPROVEMENT OF

CFM50/SF COMPARED TO PRE-RETROFIT CONDITIONS, FOLLOWING PROCEDURES IN ANSI/RESNET/ICC STD. 380.

INSULATION INSTALLED AS PART OF THE REHAB MUST ACHIEVE THE FOLLOWING:

1. GRADE I INSTALLATION PER ANSI/RESNET/ICC STD. 301.
2. GRADE II INSTALLATION FOR ASSEMBLIES THAT CONTAIN A LAYER OF CONTINUOUS, AIR IMPERMEABLE INSULATION R-3 IN CLIMATE ZONES 1 TO 4, ≥ R-5 IN CLIMATE ZONES 5 TO 8).
3. GRADE II BATT INSULATION FLOORS IF THEY FILL THE FULL WIDTH AND DEPTH OF THE FLOOR CAVITY, EVEN WHEN COMPRESSION OCCURS DUE TO EXCESS INSULATION.

HVAC SYSTEMS REPAIRED OR INSTALLED DURING REHAB MUST COMPLETE TESTING VIA THE NATIONAL HVAC

FUNCTIONAL TESTING CHECKLIST, ENERGY STAR MULTIFAMILY NEW CONSTRUCTION VERSION 1.1 (OR MOST

RECENT CHECKLIST VERSION AVAILABLE AT TIME OF PERMIT).

MANDATORY MID-CONSTRUCTION PRE-DRYWALL THERMAL BYPASS INSPECTION:

1. EGC CERTIFICATION WILL REQUIRE VISUAL INSPECTION OF THERMAL ENVELOPE PER ENCLOSED ENERGY STAR RATER FIELD CHECKLIST AT MID-CONSTRUCTION. COORDINATE INSPECTION WITH GREEN VERIFIER WITH A MINIMUM OF 3-WEEK NOTICE. (ONLY APPLICABLE-SCOPE ITEMS WILL BE INSPECTED FOR RENOVATIONS.) FINAL VERIFICATION AND INSPECTION TESTING
1. UPON SUBSTANTIAL COMPLETION AND PRIOR TO OCCUPANCY, THE GREEN VERIFIER WILL CONDUCT A VISUAL FINAL INSPECTION TO VERIFY GREEN REQUIREMENTS INCORPORATED IN THE PROJECT. THE CONTRACTOR SHALL NOTIFY THE GREEN RATER AT LEAST FOUR (4) WEEKS PRIOR TO THE ANTICIPATED DATE FOR SUCH INSPECTION. CONTRACTOR SHALL PROVIDE ACCESS TO EACH UNIT AND COOPERATE WITH CONDUCTING OF THE TEST. ADDITIONAL INSPECTIONS NECESSARY DUE TO INCOMPLETE WORK SHALL BE BACK-CHARGED TO THE CONTRACTOR.
2. TESTING - THIRD-PARTY TESTING IS TO BE SCHEDULED AND CONDUCTED IN CONJUNCTION WITH THE FINAL INSPECTION. THE CONTRACTOR SHALL NOTIFY THE GREEN VERIFIER AT LEAST FOUR (4) WEEKS PRIOR TO THE ANTICIPATED DATE FOR SUCH INSPECTION. CONTRACTOR SHALL PROVIDE ACCESS TO EACH UNIT AND COOPERATE WITH CONDUCTING OF THE TEST.
3. PRECONSTRUCTION PRETEST – A PRE-CONSTRUCTION PRETEST WAS CONDUCTED TO IDENTIFY AREAS TO ENVELOPE, DEMISING UNIT ENCLOSURES. RECOMMENDED AREAS FOR SEALING INCLUDE:
   a. JOINTS BETWEEN DUCT BOOTS AND DRYWALL AND FLOOR FINISHES.
   b. GAPS AT PLUMBING PENETRATIONS TO DRYWALL AND FLOOR FINISHES.
   c. PLUMBING AND ATTIC ACCESS PANELS.
   d. SEAL ALL VISIBLE GAPS AND CRACKS WHERE INTERSTITIAL CAVITIES (WALL, JOIST, CEILING, AND STAIR) ARE USED AS RETURN DUCTS.
4. AIR INFILTRATION TEST (BLOWER DOOR TEST) – MANDATORY – MEASURES AIR LEAKAGE THROUGH UNIT ENCLOSURE SUCH AS EXTERIOR WALLS, DEMISING WALLS, CEILINGS, CHASES, ETC. MINIMUM ENVELOPE LEAKAGE WHERE APPLICABLE. FOLLOWING AREAS OF BUILDING ENVELOPE AND DEMISING WALLS SHALL BE SEALED, CAULKED, GASKETED, OR WEATHER-STRIPPED TO MINIMIZE ENVELOPE LEAKAGE:
   a. JOINTS AROUND EXTERIOR DOORS AND WINDOWS.
   b. JOINTS BETWEEN WALLS AND FOUNDATION; BETWEEN CONDITIONED SPACES AND ATTICS, DEMISING WALLS, CRAWL SPACES AND GARAGE.
   c. ALL MECHANICAL, PLUMBING, AND ELECTRICAL PENETRATIONS IN EXTERIOR AND DEMISING WALLS. MECHANICAL CHASE SHALL BE SEALED AT CRAWL SPACE CEILING.
   d. EXTERIOR SHEATHING AND HOUSE WRAP.
   e. MINIMIZE ENTRY OF AIR FROM OUTSIDE, ATTIC, GARAGE, AND CRAWL SPACE INTO EXTERIOR WALL AND INTERIOR WALL CAVITIES TO ENSURE PASSING OF AIR INFILTRATION TEST. ALSO MINIMIZE AIR TRANSFER FROM UNIT TO UNIT, AND UNIT TO CORRIDOR.
   f. BATT INSULATION SHALL BE STAPLED TO FACE OF STUD TO ENSURE FULL CONTACT OF INSULATION WITH FACE OF DRYWALL. CUT INSULATION AROUND ALL MECHANICAL, PLUMBING, AND ELECTRICAL WORK.
   g. GASKET ATTIC ACCESS PANELS. SEAL DRYWALL TO FRAME OF ACCESS PANEL.
5. DISTRIBUTION LOSS TEST (DUCT BLASTER TEST) – MANDATORY – MEASURES LEAKAGE THROUGH THE MECHANICAL DISTRIBUTION SYSTEM AND MINIMIZE DUCT LEAKAGE. FOLLOWING AREAS HVAC DISTRIBUTION SYSTEM SHALL BE SEALED:
   a. CLEAN ENTIRE DISTRIBUTION SYSTEM TO DECIPHER AREAS FOR SEALING AND MINIMIZING DUCT LEAKAGE.
   b. JOINTS AND SEAMS OF EXISTING DUCTWORK SHALL BE SEALED WHERE VISIBLE.
   c. PROVIDE NEW METAL LINING FOR RETURNS IN VISIBLE AREAS WHERE WALL AND FLOOR CAVITIES ARE USED FOR RETURNS.
   d. SEAL ALL DUCT BOOTS IN FLOORS TO SUBFLOORS AND SEAL ALL DUCT BOOTS IN WALLS TO DRYWALL.
   e. SEAL GAPS BETWEEN DRYWALL AND ALL DUCT PENETRATIONS IN CEILINGS, INCLUDING EXHAUST FANS.

EGC 5.6 SIZING OF HEATING AND COOLING EQUIPMENT (MANDATORY)

APPLICABLE TO REHABS THAT INCLUDE REPLACEMENT OF HEATING AND COOLING EQUIPMENT.

1. SIZE AND SELECT HEATING AND COOLING EQUIPMENT IN ACCORDANCE WITH THE AIR CONDITIONING

CONTRACTORS OF AMERICA (ACCA) MANUALS J AND S OR ASHRAE HANDBOOKS.

EGC 5.7 ENERGY STAR APPLIANCES (MANDATORY)

1. IF REPLACING OR INSTALLING NEW APPLIANCES PROVIDE ENERGY STAR-LABELED REFRIGERATORS, DISHWASHERS,AND CLOTHES WASHERS.

EGC 5.8 LIGHTING (MANDATORY)

WHEN REPLACING OR INSTALLING NEW LIGHT FIXTURES

1. ALL PERMANENTLY INSTALLED FIXTURES SHALL BE HIGH-EFFICIENCY THAT IS CAPABLE OF MEETING RECOMMENDED LIGHT LEVELS IN THE ILLUMINATING ENGINEERING SOCIETY HANDBOOK, 10TH EDITION.
2. RECESSED LIGHT FIXTURES INSTALLED AS PART OF AIR BARRIER SHALL BE INSULATION CONTACT AIR-TIGHT (ICAT)
3. COMMON SPACE LIGHTING OR NON-APARTMENT BUILDING SPACES MUST BE CONTROLLED BY OCCUPANCY SENSORS OR AUTOMATIC BI-LEVEL LIGHTING CONTROLS, EXCEPT 24-HOUR LIGHTING REQUIRED BY CODE.
4. LIGHTING POWER DENSITY IN DWELLING UNITS SHALL BE 1.1 W/SF OR LESS.
5. ALL EXTERIOR LIGHTING SHALL HAVE MOTION SENSOR CONTROLS, INTEGRATIVE PV CELLS, PHOTOSENSORS, OR ASTRONOMIC TIME-CLOCK OPERATION.
6. EXTERIOR FIXTURES SHALL MEET THE FOLLOWING:
   a. LUMINAIRES SHALL BE FULLY SHIELDED EMITTING NO LIGHT ABOVE 90 DEGREES. THE LUMINAIRE'S MOUNTING HARDWARE SHALL NOT PERMIT MOUNTING IN ANY CONFIGURATION OTHER THAN THOSE MAINTAINING FULL SHIELDING. NON-RESIDENTIAL LUMINAIRES SHALL HAVE AN UPLIGHT RATING OF U0.
   b. FIXTURES SHALL HAVE NO SAG OR DROP LENSES, SIDE LIGHT PANELS OR UPLIGHT PANELS.
   c. FIXTURES SHALL EMPLOY WARM-TONED (3000K OR LOWER) WHITE LIGHT SOURCES OR MAY EMPLOY AMBER LIGHT SOURCES OR FILTERED LED LIGHT SOURCES.

EGC 6.4 HEALTHIER MATERIAL SELECTION (MANDATORY)

1. USE PRODUCTS THAT COMPLY WITH THE FOLLOWING REQUIREMENTS.

PRODUCT CATEGORY	MANDATORY	ADDITIONAL POINTS	REFERENCE
ALL INTERIOR PAINTS, COATINGS, PRIMERS AND WALLPAPER	VOC CONTENT LESS THAN OR EQUAL TO THE THRESHOLDS PROVIDED BY THE MOST RECENT VERSION OF SCAQMD 1113 AVAILABLE AT TIME OF PRODUCT SPECIFICATION FOR ALL INTERIOR PAINTS, COATINGS AND PRIMERS. VOC EMISSIONS VERIFIED AS COMPLIANT WITH CDPH STANDARD METHOD FOR ALL WALL FINISH PAINTS. ALL WALLPAPER, PHTHALATE FREE	1 POINT PER APE FREE PAINT, COATING AND/OR PRIMER 1 POINT PER CDPH COMPLIANT COATING AND/OR PRIMER (EXCLUDING WALL FINISH PAINTS) [2 POINTS MAXIMUM]	FOR WALL FINISH PAINTS COMPLIANT WITH THE MANDATORY CDPH SPECIFICATION, SEEK THOSE CERTIFIED TO MASTER PAINTERS INSTITUTE (MPI) X-GREEN, GREEN WISE GOLD, GREENGUARD GOLD, SCS INDOOR ADVANTAGE GOLD, AND BERKELEY ANALYTICAL CLEARCHEM. GS-11 PAINTS COMPLY WITH THE OPTIONAL APE-FREE CRITERION, AS DO RED LIST–FREE PRODUCTS.
ALL INTERIOR ADHESIVES AND SEALANTS	VOC CONTENT LESS THAN OR EQUAL TO THE THRESHOLDS PROVIDED BY THE MOST RECENT VERSION OF SCAQMD 1168 AVAILABLE AT TIME OF PRODUCT SPECIFICATION FOR ALL INTERIOR ADHESIVES AND SEALANTS.	USE OF SEALANTS THAT DO NOT CONTAIN ORTHOPHTHALATE PLASTICIZERS. USE OF ADHESIVES THAT ARE CDPH COMPLIANT. [1 POINT PER COMPLIANT PRODUCT, 2 POINTS MAXIMUM]	ORTHOPHTHALATE PLASTICIZERS ARE COMMON IN POLYURETHANE AND MODIFIED POLYMER SEALANTS. WHILE NOT COMMON, THEY MAY ALSO BE FOUND IN SOME ACRYLIC LATEX OR SILICONIZED ACRYLIC SEALANTS. VERIFY THAT SPECIFIED SEALANTS ARE PHTHALATE-FREE. MINIMIZE THE NEED FOR ADHESIVES WHEN POSSIBLE. FOR INSTANCE, FINGER-JOINTS AND MECHANICAL FASTENERS DO NOT CONTAIN CHEMICALS OF CONCERN.
FLOORING	ALL FLOORING PRODUCTS (WHETHER CARPET OR HARD SURFACE) MUST COMPLY WITH CDPH EMISSION REQUIREMENTS. NO FLEXIBLE PVC WITH PHTHALATES MAY BE INSTALLED, WHETHER THE PHTHALATES WERE INTENTIONALLY ADDED OR ADDED VIA RECYCLED CONTENT. NO CARPET IN THE PROJECT MAY BE INSTALLED IN BUILDING ENTRYWAYS, LAUNDRY ROOMS, BATHROOMS, KITCHENS/KITCHENETTES, OR UTILITY ROOMS. FLUID APPLIED FINISH FLOORS MAY ONLY BE INSTALLED IN NON-OCCUPIED SPACES, SUCH AS MECHANICAL ROOMS.	THE PROJECT COMPLIES WITH ONE OF THE FOLLOWING OPTIONS: ABSENCE OF VINYL FLOORING THROUGHOUT THE PROJECT ABSENCE OF CARPET THROUGHOUT THE PROJECT ALL PROJECT FLOORING ASSEMBLIES (ADHESIVE, SEALANT, FLOORING PRODUCT) ARE RED LIST-FREE [3 POINTS] IF USING CARPET, SPECIFY THOSE THAT DO NOT USE A FLUORINATED (PFAS) STAIN REPELLANT. [1 POINT]	COMMON FLOORING PRODUCT LABELS THAT MEET OR EXCEED THE MANDATORY CDPH EMISSION REQUIREMENT INCLUDE FLOORSCORE, GREEN-GUARD GOLD, SCS INDOOR ADVANTAGE GOLD, BERKELEY ANALYTICAL CLEARCHEM, AND CARPET RUG INSTITUTE GREEN LABEL PLUS (CRI+). IN PLACE OF VINYL OR OTHER PVC-BASED RESILIENT FLOORING, CONSIDER SALVAGED HARDWOODS, NATURAL LINOLEUM, RUBBER, CORK, OTHER PVC-FREE RESILIENT FLOORING, CERAMIC OR STONE TILE, SEALED CONCRETE, OR PRE-FINISHED SOLID WOOD FLOORING. PRE FINISHED PRODUCTS, COMPARED TO THOSE FINISHED ON SITE, KEEP POTENTIAL EXPOSURES LOWER THROUGH A MORE CONTROLLED ENVIRONMENT DURING FINISHING. IF POSSIBLE, USE A FLOOR SYSTEM THAT CAN FEATURE MECHANICAL ATTACHMENTS (E.G., NAILS, FLOATING WOOD FLOORING) INSTEAD OF GLUES. THIS APPROACH MAKES FLOORING EASIER TO RECYCLE IN THE FUTURE.
Insulation	IF FIBERGLASS OR MINERAL WOOL BATTS ARE USED, THESE MUST BE FORMALDEHYDE FREE.	THE PROJECT DOES NOT INCLUDE ANY TWO-PART SPRAY POLYURETHANE FOAM. [2 POINTS] THE PROJECT USES BOARD INSULATION THAT DOES NOT CONTAIN HALOGENATED FLAME RETARDANTS. [3 POINTS]	ALTERNATIVE INSULATION PRODUCTS INCLUDE RECYCLED COTTON, CELLULOSE, WOOL, AND BLOWN FIBERGLASS. ALL MAJOR U.S. MANUFACTURERS OF RESIDENTIAL FIBERGLASS BATT INSULATION HAVE TRANSITIONED TO FORMALDEHYDE-FREE PRODUCTS. SOME FORMALDEHYDE-FREE MINERAL WOOL BATTS ARE ALSO AVAILABLE
COMPOSITE WOOD	FORMALDEHYDE EMISSIONS LESS THAN OR EQUAL TO THE THRESHOLDS PROVIDED BY CARB PHASE 2 AND/OR TSCA TITLE IV FOR PLYWOOD, PARTICLEBOARD, MDF, AND THESE MATERIALS WITHIN OTHER PRODUCTS LIKE CABINETS AND DOORS. FOR ANY OTHER COMPOSITE WOOD PRODUCTS NOT COVERED BY CARB/TSCA REQUIREMENTS, BUT USED IN INTERIOR SPACES, THESE MUST AT MINIMUM BE NAUF (HAVE NO ADDED UREA FORMALDEHYDE).	USE OF COMPOSITE WOODS THAT ARE CERTIFIED ULTRA-LOW EMITTING FORMALDEHYDE (ULEF). 1 POINT PER PRODUCT. [2 POINTS MAXIMUM]	WHILE FINISH PRODUCTS (INCLUDING PLYWOOD, MDF, PARTICLEBOARD, AND CABINET AND DOOR COMPONENTS) COMPLY BY LAW WITH THIS MANDATORY REQUIREMENT, ENSURE THAT ALL PRODUCTS INSTALLED IN THE PROJECT THAT ARE EXPOSED TO THE CONDITIONED SPACE MEET THESE STANDARDS OR AT A MINIMUM DO NOT INCLUDE ADDED UREA FORMALDEHYDE. NO-ADDED FORMALDEHYDE (NAF) PRODUCTS QUALIFY AS ULEF AND WILL BE ELIGIBLE FOR OPTIONAL POINTS. HOWEVER, BE AWARE THAT THE ALTERNATIVE BINDERS UTILIZED IN THESE PRODUCTS MAY INCLUDE REGRETTABLE SUBSTITUTIONS. FOR INSTANCE, THE MOST COMMON ALTERNATIVE BINDER FOR COMPOSITE WOOD IS PMDI, WHICH IS MADE WITH ISOCYANATES. PMDI IS EXPECTED TO BE A LOWER HAZARD DURING USE THAN FORMALDEHYDE, BUT MORE INFORMATION IS NEEDED. PREFERABLE ALTERNATIVES WOULD BE MORE THAN HALF BIO-BASED (E.G., BINDERS THAT ARE AT LEAST 50% SOY) WITH FULL CONTENT DISCLOSURE, SO THEY CAN BE VETTED FOR HEALTH HAZARDS.

EGC 6.6 BATH, KITCHEN, LAUNDRY SURFACES (MANDATORY)

1. USE MATERIALS THAT HAVE DURABLE, CLEANABLE SURFACES THROUGH BATHROOMS, KITCHENS, AND LAUNDRY MATERIALS SHOULD NOT BE PRONE TO DETERIORATION DUE TO MOISTURE INTRUSION OR ENCOURAGE THE GROWTH OF MOLD.
2. USE MOISTURE-RESISTANT BACKING MATERIALS SUCH AS CEMENT BOARD, FIBER CEMENT BOARD, OR EQUIVALENT PER ASTM #D 6329 OR ASTM #D 3273 BEHIND TUB/SHOWER ENCLOSURES. PROJECTS USING A ONE-PIECE FIBERGLASS ENCLOSURE ARE EXEMPT FROM THIS REQUIREMENT.

EGC 6.8 MANAGING MOISTURE: FOUNDATIONS (MANDATORY)

APPLICABLE WHEN FOUNDATION WORK IS IN SCOPE.

BENEATH CONCRETE SLABS (INCLUDING THOSE IN BASEMENTS AND CRAWL SPACES)

OPTION 1

1. INSTALL A CAPILLARY BREAK AS FOLLOWS: 4-INCH LAYER OF ½-INCH DIAMETER OR GREATER CLEAN AGGREGATE.
2. IMMEDIATELY ABOVE THE CAPILLARY BREAK, INSTALL AT LEAST 6-MIL POLYETHYLENE SHEETING OVERLAPPED AT LEAST 6 INCHES AT THE SEAMS TO SERVE AS A VAPOR RETARDER IN DIRECT CONTACT WITH THE SLAB ABOVE.

OPTION 2

1. INSTALL A 4-INCH UNIFORM LAYER OF SAND, OVERLAIN WITH A LAYER OR STRIPS OF GEOTEXTILE DRAINAGE MATTING INSTALLED ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS.
2. IMMEDIATELY ABOVE THE CAPILLARY BREAK, INSTALL AT LEAST 6-MIL POLYETHYLENE SHEETING OVERLAPPED AT LEAST 6 INCHES AT THE SEAMS TO SERVE AS A VAPOR RETARDER IN DIRECT CONTACT WITH THE SLAB ABOVE.

EGC 6.9 MANAGING MOISTURE: ROOFING AND WALL SYSTEMS (MANDATORY)

APPLICABLE ONLY WHEN WALL OR ROOF SYSTEMS ARE REPLACED.

WALLS

1. PROVIDE A CONTINUOUS HOUSEWRAP /WEATHER-RESISTIVE BARRIER WITH SHEETS LAPPED SHINGLE-STYLE TO PREVENT BULK WATER THAT PENETRATES THE FINISHED EXTERIOR CLADDING SYSTEM FROM ENTERING THE WALL ASSEMBLY OR BEING INTRODUCED THROUGH WINDOW OR DOOR OPENINGS OR THROUGH OTHER PENETRATIONS. ALTERNATIVELY, INSTALL A FLUID APPLIED WEATHER-RESISTIVE BARRIER IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
2. FLASHINGS AT ROOF /WALL INTERSECTIONS AND WALL PENETRATIONS (I.E., PLUMBING, ELECTRICAL, VENTS, HVAC REFRIGERANT LINES AND THE LIKE IN ADDITION TO WINDOWS AND DOORS) MUST BE INTEGRATED WITH THE WEATHER-RESISTIVE BARRIER AND DRAINAGE PLANE PRIOR TO ANY EXTERIOR FINISH BEING INSTALLED TO PREVENT BULK WATER FROM ENTERING THE EXTERIOR WALL ASSEMBLY.
3. FLASHING INSTALLED AT BOTTOM OF EXTERIOR WALLS WITH WEEP HOLES INCLUDED FOR MASONRY VENEER AND WEEP SCREEN FOR STUCCO CLADDING SYSTEMS OR EQUIVALENT DRAINAGE SYSTEM.

ROOF

1. INSTALL DRIP EDGE AT ENTIRE PERIMETER OF ROOF.
2. AT WALL /ROOF INTERSECTIONS, MAINTAIN ≥2" CLEARANCE BETWEEN WALL CLADDING AND ROOFING MATERIALS, INSTALL FLASHING ALONG THE INTERSECTION, AND USE KICK-OUT FLASHING.

EGC 6.10 CONSTRUCTION WASTE MANAGEMENT (MANDATORY)

CONTRACTOR TO INVESTIGATE LOCAL OPTIONS FOR DIVERSION OF ALL CONSTRUCTION WASTE AND DEVELOP A PLAN FOR TRACKING WASTE DIVERSION EITHER THROUGH A CONTRACTED COMPANY OR BY TRACKING AND SORTING FOLLOWING COMPONENTS OF CONSTRUCTION WASTE.

OPTION 1

1. RECYCLE A MINIMUM OF 75% OF TOTAL CONSTRUCTION WASTE

EGC 6.11 RECYCLING STORAGE

1. OWNER TO PROVIDE SEPARATE BINS FOR THE COLLECTION OF TRASH AND RECYCLING FOR EACH DWELLING UNIT AND ALL SHARED COMMUNITY ROOMS (IF APPLICABLE).

EGC 7.1 RADON MITIGATION (MANDATORY)

APPLICABLE ONLY IN EPA ZONE 1

SUBSTANTIAL REHAB

1. OWNER AND/OR CONTRACTOR TO CONFIRM PRE-CONSTRUCTION RADON TEST WAS CONDUCTED BY THIRD-PARTY CERTIFIED RADON PROFESSIONAL.
2. TEST FOR RADON IN ACCORDANCE WITH ANSI-AARST MAMF-2017 STANDARDS FOR MULTIFAMILY BUILDINGS OR ANSI-AARST MAMF-2014 FOR SINGLE-FAMILY HOMES.
3. IF THE RADON LEVEL IS ABOVE 4 PCI/L, CONTRACTOR TO INSTALL RADON-REDUCTION MEASURES OR INSTALL A RADON MITIGATIONS SYSTEM PER ANSI-AARST RMS-MF 2018 FOR MULTIFAMILY BUILDINGS OR SGM-SF 2017 FOR HOMES.
4. AFTER CONSTRUCTION COMPLETION, HAVE BUILDING TESTED FOR RADON BY THIRD-PARTY CERTIFIED RADON PROFESSIONAL. IF RADON LEVELS ARE ABOVE 4 PCI/L, INSTALL MITIGATION IN ACCORDANCE WITH ANSI-AARST MAMF-2017 STANDARDS FOR MULTIFAMILY BUILDINGS OR ANSI-AARST SGM-SF-2017 OR ASTM 2021 FOR SINGLE-FAMILY HOMES.

EGC 7.2 REDUCE LEAD HAZARDS IN PRE-1978 BUILDINGS (MANDATORY)

1. CONDUCT LEAD RISK ASSESSMENT OR INSPECTION TO IDENTIFY LEAD HAZARDS.
2. CONTROL IDENTIFIED LEAD HAZARDS USING LEAD ABATEMENT OR INTERIM CONTROLS, USING LEAD-SAFE WORK PRACTICES THAT MINIMIZE AND CONTAIN DUST.
3. FOLLOW EPA OR STATE AND/OR LOCAL LAWS AND REQUIREMENTS, WHERE APPLICABLE. ALTERNATIVELY, FOLLOW STANDARD LEAD TREATMENTS DEFINED BY HUD AS A SERIES OF HAZARD REDUCTION MEASURES DESIGNED TO REDUCE ALL LEAD-BASED PAINT HAZARDS IN A DWELLING UNIT WITHOUT THE BENEFIT OF A RISK ASSESSMENT OR OTHER EVALUATION (25 CFR 34.110).
4. REPLACE WINDOWS THAT HAVE DETERIORATED LEAD-BASED PAINT WITH ENERGY-EFFICIENT WINDOWS.
5. A LEAD INSPECTION SHOULD BE UNDERTAKEN BY AN EPA CERTIFIED RISK ASSESSOR TO DETERMINE WHETHER PAINT IN A REHAB PROJECT CONTAINS LEAD, OTHERWISE PAINT SHOULD BE PRESUMED TO CONTAIN LEAD AND LEAD-SAFE WORK PRACTICES ARE REQUIRED.
6. PERFORM DUST LEAD CLEARANCE TESTING AT THE CONCLUSION OF RENOVATION WORK; COMPARE AGAINST EPA DUST LEAD CLEARANCE STANDARDS.
7. REMOVE OR COVER LEAD-CONTAMINATED SOIL SO THAT IT IS INACCESSIBLE TO CHILDREN. FOR GARDENING, USE RAISED BEDS WITH LEAD-FREE SOIL.

EGC 7.3 COMBUSTION EQUIPMENT (MANDATORY)

APPLICABLE ONLY WHEN COMBUSTION EQUIPMENT IS PROVIDED ANYWHERE IN THE BUILDING:

1. PROVIDE AT LEAST ONE HARD-WIRED CARBON MONOXIDE DETECTOR WITH BATTERY BACKUP FOR EACH SLEEPING AREA, MINIMUM ONE ON EACH FLOOR.
2. ANY COMBUSTION EQUIPMENT INSTALLED MUST BE POWER-VENTED OR CLOSED-COMBUSTION.
3. FOR SUBSTANTIAL REHABS WITH COMBUSTION EQUIPMENT THAT IS NOT POWER-VENTED OR DIRECT-VENT, OWNER AND/OR CONTRACTOR TO CONFIRM PRE-CONSTRUCTION COMBUSTION SAFETY TEST WAS CONDUCTED. THE TEST MUST BE CONDUCTED FOR CENTRAL SYSTEMS AND FOR 10% OF INDIVIDUAL DWELLING UNITS SYSTEMS PER RESNET GUIDELINES FOR COMBUSTION SAFETY AND DEVELOPING WORK ORDERS OR BPI COMBUSTION SAFETY TEST PROCEDURES FOR VENTED APPLIANCES.

EGC 7.5 INTEGRATED PEST MANAGEMENT (MANDATORY)

1. SEAL ALL WALL, FLOOR AND JOINT PENETRATIONS WITH LOW-VOC CAULKING OR OTHER APPROPRIATE NONTOXIC SEALING METHOD.
2. INSTALL CORROSION-PROOF METAL PEST SCREENS FOR ALL OPENINGS GREATER THAN ¼ INCH.
3. SEAL OFF ENTRY POINTS UNDER KITCHEN AND BATHROOM SINKS.

EGC 7.7 VENTILATION (MANDATORY)

1. LOCAL EXHAUS
   a. DESIGN AND INSTALL LOCAL EXHAUST SYSTEMS IN ALL BATHROOMS (INCLUDING HALF-BATHS) AND THE KITCHEN TO MEET THE REQUIREMENTS OF ASHRAE STANDARD 62.2–2010, SECTIONS 5 AND 7 OR LOCAL EQUIVALENT, WHICHEVER IS MORE STRINGENT. PROVIDE MINIMUM INTERMITTENT LOCAL EXHAUST FLOW RATES OF 100 CFM OR 5ACH IN KITCHEN, AND 50 CFM IN BATHROOMS.
   b. EXHAUST AIR TO THE OUTDOORS. DO NOT ROUTE EXHAUST DUCTS TO TERMINATE IN ATTICS OR INTERSTITIAL SPACES. JUST RECIRCULATING RANGE HOODS OR RECIRCULATING OVER-THE-RANGE MICROWAVES DO NOT SATISFY THE KITCHEN EXHAUST REQUIREMENTS.
   c. USE ENERGY STAR–LABELED BATHROOM EXHAUST FANS IN ALL BATHROOMS.
2. VENTILATION
   a. FRESH AIR VENTILATION TO DWELLING UNITS SHALL COMPLY WITH VENTILATION REQUIREMENTS OF

ASHRAE 62.2–2010.

   b. PROJECT TEAMS USING EXHAUST-ONLY VENTILATION SYSTEMS MUST COMPLY WITH FLOW RATE REQUIRED BY ASHRAE 62.2–2010. IF BATHROOM EXHAUST FAN IS USED FOR EXHAUST-ONLY FRESH-AIR VENTILATION, THEN REFER TO HVAC DRAWINGS FOR EXHAUST FAN RUN-TIME AND CONTROLS. COORDINATE CONTINUOUS / INTERMITTENT FAN RUN-TIME AND CONTROLS WITH HVAC AND ELECTRICAL CONTRACTOR. PROVIDE DUAL-SPEED BATHROOM EXHAUST FAN WITH CONTINUOUS SPEED SET TO 30 CFM IN 1-BEDROOM UNITS, 45 CFM IN 2-BEDROOM UNITS, AND 45 CFM IN 3-BEDROOM UNITS.
3. IN FULL ACCORDANCE WITH ASHRAE 62.1-2010, INSTALL A MECHANICAL VENTILATION SYSTEM FOR ALL HALLWAYS AND COMMON SPACES IN EACH MULTIFAMILY BUILDING OF FOUR STORIES OR MORE.
4. ALL SYSTEMS AND ASSOCIATED DUCTWORK MUST BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
5. IF USING CENTRAL VENTILATION SYSTEMS WITH ROOFTOP FANS, EACH ROOFTOP FAN MUST BE DIRECT-DRIVE AND VARIABLE-SPEED WITH SPEED CONTROLLER MOUNTED NEAR THE FAN. FANS WITH DESIGN CFM 300-2000 MUST ALSO HAVE AN ECM MOTOR.
6. GREEN VERIFIER/ENERGY RATER TO CONDUCT TESTING TO VERIFY DWELLING UNIT VENTILATION SYSTEM FLOW RATES ARE WITHIN 15 CFM OR 15% OF THE DESIGN VALUE.

EGC 7.12 BEYOND ADA: UNIVERSAL DESIGN (MANDATORY)

SELECT ONE OPTION BELOW TO IMPLEMENT. IMPLEMENT THREE STRATEGIES IN THAT OPTION. FOR ALL SELECTED STRATEGIES AFFECTING DWELLING UNITS, IMPLEMENT THAT STRATEGY FOR 75% OF THE PROJECT'S DWELLING UNITS.

1. CREATE APPROACHABLE BUILDING ENTRIES THAT ARE WELCOMING, ARE EASY TO IDENTIFY, PROMOTE FEELINGS OF SAFETY, AND ARE ACCESSIBLE WITHOUT THE USE OF STAIRS. INCLUDE A COVERED ENTRYWAY WITH SEATING, GREENERY, AND LIGHTING. INCLUDE EXTERIOR SIGNAGE THAT IS PROMINENT, VISIBLE FROM SIDEWALK, ACCESS ROAD, OR PARKING LOT.
2. PROVIDE CLEAR SIGNAGE THROUGHOUT THE BUILDING THAT AVOIDS JARGON, USES CLEAR LANGUAGE, INCORPORATES A POSITIVE FRAME, AND IS MULTI-LINGUAL WHERE APPROPRIATE. INCORPORATE ILLUSTRATIONS TO ENCOURAGE UNIVERSAL UNDERSTANDING. SIGNAGE FOR WAY-FINDING AND OTHER PURPOSES SHOULD BE AVAILABLE IN THE INTERIOR AND EXTERIOR SPACES.
3. AVOID STRONG PATTERNS ON FLOOR FINISHES. USE CARPETS AND FLOORING THAT HAVE SUBTLE NEUTRAL PATTERNS.

EGC 8.1 BUILDING MAINTENANCE MANUAL (MANDATORY)

1. GENERAL CONTRACTOR TO PROVIDE MAINTENANCE MANUAL THAT ADDRESSES HVAC OPERATIONS AND MAINTENANCE, APPLIANCE GUIDANCE, LIGHTING EQUIPMENT, GREEN CLEANING PRODUCTS, AND PEST CONTROL. REFER TO EGC 2020 CRITERIA HANDBOOK FOR DETAILS.

EGC 8.2 EMERGENCY MANAGEMENT MANUAL (MANDATORY)

1. GENERAL CONTRACTOR TO PROVIDE EMERGENCY MANAGEMENT MANUAL TARGETED TOWARD OPERATIONS AND MAINTENANCE STAFF AND OTHER BUILDING LEVEL PERSONNEL. THE MANUAL SHOULD ADDRESS RESPONSES TO VARIOUS TYPES OF EMERGENCIES, LEADING WITH THOSE THAT HAVE THE GREATEST PROBABILITY OF NEGATIVELY AFFECTING THE PROJECT. THE MANUAL SHOULD PROVIDE GUIDANCE AS TO HOW TO SUSTAIN THE DELIVERY OF ADEQUATE HOUSING THROUGHOUT AN EMERGENCY AND COVER A RANGE OF TOPICS INCLUDING BUT NOT LIMITED TO:
   a. COMMUNICATION PLANS FOR STAFF AND RESIDENTS TO USE IN THE EVENT OF AN EMERGENCY.
   b. USEFUL CONTACT INFORMATION FOR PUBLIC UTILITY AND OTHER SERVICE PROVIDERS
   c. INFRASTRUCTURE AND BUILDING "SHUTDOWN" PROCEDURES

EGC 8.4 WALK-THROUGHS AND ORIENTATIONS TO PROPERTY OPERATIONS (MANDATORY)

1. GENERAL CONTRACTOR TO PROVIDE A COMPREHENSIVE WALK-THROUGH AND ORIENTATION FOR PROPERTY MANAGER(S) AND BUILDING OPERATIONS STAFF WITHIN 90 DAYS OF INITIAL OCCUPANCY. USE THE APPROPRIATE MANUALS (8.1 & 8.2) AS THE BASE OF THE CURRICULUM, AND REVIEW THE PROJECT'S GREEN FEATURES, OPERATIONS AND MAINTENANCE ROCEDURES, AND EMERGENCY PROTOCOLS.

END OF SECTION 018113

NOT FOR CONSTRUCTION

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ISSUE LOG:

06.02.2023
ISSUE FOR PERMIT

1 07.14.2023
PERMIT REVISION 1

09.21.2023
OHFA PRELIM. SUBMISSION

ARCHITECTURAL SPECIFICATIONS

A0.8

PRELIMINARY:
NOT FOR CONSTRUCTION

ENTERPRISE GREEN COMMUNITIES CRITERIA CHECKLIST

2020 ENTERPRISE GREEN COMMUNITIES **CRITERIA CHECKLIST**

CRITERIA CHECKLIST

This checklist provides an overview of the technical requirements within the Enterprise Green Communities Criteria.
To achieve Enterprise Green Communities Certification, all projects must achieve compliance with the Criteria mandatory measures applicable to that construction type. **New Construction projects must also achieve at least 40 optional points, and Substantial and Moderate Rehab projects must also achieve at least 35 optional points.**

These projects that also comply with Criterion 5.2b or Criterion 5.4 will be recognized with Enterprise Green Communities Certification Plus.

Project:	OTR Renovations
Address:	Scattered Site
Location Type:	Urban
Building Type:	Renovations
Year Built:	1880, 1900, 1935

1. INTEGRATIVE DESIGN

Yes	Maybe		1. INTEGRATIVE DESIGN	Notes
Yes		M	**1.1 Integrative Design: Project Priorities Survey** Complete the Project Priorities Survey, which can be found in the Appendix.	
Yes		M	**1.2 Integrative Design: Charrettes and Coordination Meetings** Develop an integrative design process that moves the outputs of the Project Priorities Survey into action through a series of collaborative meetings. Prioritize multi-benefit strategies. Assign responsibility within your design and development teams for accountability.	
Yes		M	**1.3 Integrative Design: Documentation** Include Enterprise Green Communities Criteria information in your contract documents and construction specifications (Division 1 Section 01 81 13 Sustainable Design Requirements) as necessary for the construction team to understand the requirements and how they will be verified. Ensure, and indicate, that the drawings and specifications have been generated to be compliant and meet the certification goals.	
Yes		M	**1.4 Integrative Design: Construction Management** Create, implement, and document your contractor/subcontractor education plan to ensure that all persons working on-site fully understand their role in achieving the project objectives. Include a summary of the Project Priorities Survey (Criterion 1.1), the sustainability goals, and anticipated roles of each party in regards to the performance expected of the project. Attach and reference this training plan to Division 1 Section 01 81 13 Sustainable Design Requirements. Include timeline estimates for performance testing and verification schedules in the overall construction schedule. As relevant, review requirements for Criteria 8.1, 8.2, and 8.3, and begin populating these documents with relevant information from design and construction.	
		12 or 15	**1.5 Design for Health and Well-Being: Health Action Plan** Follow Steps 1-6 of the Health Action Plan framework per the full criterion. *[12 points with extra 3 points for Step 7]* This includes: 1) Commit to embedding health into the project lifecycle; 2) Partner with a project health professional; 3) Collect and analyze community health data; 4) Engage with community stakeholders to prioritize health data and strategies; 5) Identify strategies to address those health issues; 6) Create an implementation plan; and 7) Create a monitoring plan.	
		10	**1.6 Resilient Communities: Multi-Hazard Risk/Vulnerability Assessment** Conduct a four-part assessment (social, physical, functional, strategy) to identify critical risk factors of your property and implement at least two sets of strategies to enable the project to adapt to, and mitigate, climate related or seismic risks. See full criterion for more guidance.	
		8	**1.7 Resilient Communities: Strengthening Cultural Resilience** Integrate community and resident participation in the development processes so that the built environment honors cultural identities, resident voices, and community histories. Option 1: Complete a Cultural Resilience Assessment OR Option 2: Convene a Cultural Advisory Group	
0	0		1. INTEGRATIVE DESIGN SUBTOTAL	

2. LOCATION + NEIGHBORHOOD FABRIC

Yes	Maybe		2. LOCATION + NEIGHBORHOOD FABRIC	Notes
Yes		M	**2.1 Sensitive Site Protection** All projects must: 1. Protect floodplain functions (e.g., storage, habitat, water quality) by limiting new development within the 100-year floodplain of all types of watercourses. 2. Conserve and protect aquatic ecosystems, including wetlands and deepwater habitats, that provide critical ecosystem functions for fish, other wildlife, and people. 3. Protect ecosystem function by avoiding the development of areas that contain habitat for plant and animal species identified as threatened or endangered. 4. Conserve the most productive agricultural soils by protecting prime farmland, unique farmland, and farmland of statewide or local importance. If your site contains any of these ecologically sensitive features, follow the specific Requirements under that subheading.	
N/A		M	**2.2 Connections to Existing Development and Infrastructure** *(Mandatory for New Construction projects that do not qualify as Rural/Tribal/Small Town)* Locate the project on a site with access to existing roads, water, sewers, and other infrastructure and within or contiguous to (having at least 25% of the perimeter bordering) existing development. Connect the project to the existing pedestrian network. For sites over 5 acres, provide connections to the adjacent street network at least every 800 feet. Tie all planned bike paths to existing bike paths.	
N/A		M	**2.3 Compact Development** *(Mandatory for New Construction)* At a minimum, build to the residential density (dwelling units/acre) of the census block group where the project is located. In Rural/Tribal/Small Town locations that do not have zoning requirements: Build to a minimum net density of 5 units per acre for single-family houses; 10 units per acre for multifamily buildings, single and two-story; and 15 units per acre for multifamily buildings greater than two-stories.	
7		5 or 7	**2.4 Increased Compact Development** Exceed the residential density (dwelling units/acre) of the census block group in which your project is located. Exceed by 2x for *[5 points]* ; exceed by 3x for *[7 points]* . In Rural/Tribal/Small Towns that do not have zoning requirements, build to a minimum net density of 7.5 units per acre for single-family houses; 12 units per acre for multifamily buildings, single and two-story; and 20 units per acre for multifamily buildings greater than two stories. *[5 points]*	
N/A		M	**2.5 Proximity to Services and Community Resources** *(Mandatory for New Construction)* Locate the project within a 0.5-mile walk distance of at least four, or a 1-mile walk distance of at least seven, of the listed services. For projects that qualify as Rural/Tribal/Small Town, locate the project within 5 miles of at least four of the listed services.	
N/A		M	**2.6 Preservation of and Access to Open Space for Rural/Tribal/Small Town** *(Mandatory for New Construction Rural/Tribal/Small Town)* Option 1: Locate the project within a 0.25-mile walk distance of dedicated public open space that is a minimum of 0.75 acres; at least 80% of which unpaved. OR Option 2: Set aside a minimum of 10% (minimum of 0.25 acres) of the total project acreage as open and accessible to all residents; at least 80% of which unpaved.	
4		6 max	**2.7 Preservation of and Access to Open Space** Option 1: Locate the project within a 0.25-mile walk distance of dedicated open space that is a minimum of 0.75 acres; at least 80% of which unpaved. *[4 points]* OR Option 2: Set aside a percentage of permanent open space for use by all residents; at least 80% of which unpaved. 25% *[2 points]* ; 35% *[4 points]* ; 45% + written statement of preservation/ conservation policy *[6 points].*	Option 1
			2.8 Access to Transit *(Mandatory for New Construction projects that do not qualify as Rural/Tribal/Small Town; Optional for all other project types)*	
N/A		M	**Mandatory: New Construction, not Rural/Tribal/Small Town** Locate projects within a 0.5-mile walk distance of transit services (bus, rail and/or ferry), constituting at least 45 or more transit rides per weekday, with some type of weekend service.	
		2	**Optional: New Construction, not Rural/Tribal/Small Town** Locate the project along dedicated bike trails or lanes (Class I, II, or IV) that lead to high-quality transit services (100 trips per day) within 3 miles. *[2 points]*	
6		2, 6, 8	**Optional: Rehabilitation, not Rural/Tribal/Small Town** Locate projects within a 0.5-mile walk distance of public transit services (bus, rail and/or ferry), constituting at least 45 or more transit rides per weekday, with some type of weekend service. *[6 points]* Locate the project along dedicated bike trails or lanes (Class I, II, or IV) that lead to high-quality transit services (100 trips per day) within 3 miles. *[2 points]*	
		6	**Optional: New Construction and Rehabilitation, Rural/Tribal/Small Town** Locate the project within 0.5 mile walk distance of public transit services with at least 45 rides per weekday and some weekend service. OR, Install at least two charging stations for electric vehicles. OR, Locate the project with 5 miles of one of the following transit options: 1) vehicle share program; 2) dial-a-ride program; 3) employer vanpool; 4) park-and-ride; 5) public/private regional transportation.	
		2-8	**2.9 Improving Connectivity to the Community** Improve access to community amenities through at least one of the options incentivizing biking mobility or improving access to transit.	
		5 max	**2.10 Passive Solar Heating/Cooling** Design and build with passive solar design, orientation, and shading that meet the guidelines specified.	
		6	**2.11 Adaptive Reuse of Buildings** Rehabilitate and adapt an existing structure that was not previously used as housing. Design the project to adapt, renovate, or reuse at least 50% of the existing structure and envelope.	
6		6	**2.12 Access to Fresh, Local Foods** Provide residents and staff with access to fresh, local foods through one of the following options: Option 1: Neighborhood Farms and Gardens Option 2: Community-Supported Agriculture Option 3: Proximity to Farmers Market	Findlay Market
8		8	**2.13 Advanced Certification: Site Planning, Design and Management** Locate building(s) within a community that is certified in LEED for Neighborhood Development, LEED for Cities and Communities, Living Community Challenge, or SITES.	Cincinnati is LEED for Cities
		6 max	**2.14 Local Economic Development and Community Wealth Creation** Demonstrate that local preference for construction employment and subcontractor hiring was part of your bidding process, and how it functioned during construction. *[2 points]* OR Demonstrate that you achieved at least 20% local employment. *[3 points]* OR Provide physical space for small business, nonprofits, and/or skills and workforce education. *[3 points]*	
N/A		M	**2.15a Access to Broadband: Broadband Ready** *(Mandatory for New Construction and Substantial Rehab Projects in Rural/Tribal/Small Town Locations)* Incorporate broadband infrastructure so that when broadband service comes to a community, the property can be easily connected. Include a network of mini-ducts or conduit throughout the building, extending from the expected communications access point to each network termination point in the building.	
		6	**2.15b Access to Broadband: Connectivity** Ensure all units and common spaces in the property have broadband internet access with at least a speed of 25/3 mbs.	
31	0		2. LOCATION + NEIGHBORHOOD FABRIC SUBTOTAL	

3. SITE IMPROVEMENT

Yes	Maybe		3. SITE IMPROVEMENT	Notes
Yes		M	**3.1 Environmental Remediation** Determine whether there are any hazardous materials present on the site through one of the four methods listed. Mitigate any contaminants found.	
N/A		M	**3.2 Minimization of Disturbance during Staging and Construction** For sites >1 acre, implement EPA's National Pollutant Discharge Elimination System Stormwater Discharges from Construction Activities guidance, or local requirements, whichever is more stringent. For sites with an area <= 1, follow guidance in full criterion.	
Yes		M	**3.3 Ecosystem Services/Landscape** *(Mandatory, if providing landscaping)* If providing plantings, all must be native or climate-appropriate (adapted) to the region and appropriate to the site,Äôs soil and microclimate. Do not introduce any invasive plant species. Plant, seed, or xeriscape all disturbed areas.	
N/A		M	**3.4 Surface Stormwater Management** *(Mandatory for New Construction; Mandatory for Substantial and Moderate Rehab projects if land disturbed is >= 5,000 sq.ft.)* Treat or retain on-site precipitation equivalent to the 60th percentile precipitation event. Where not feasible due to geotechnical issues, soil conditions, or the size of the site, treat or retain the maximum volume possible.	N/A unless building is demo'd behind project addresses
		10 max	**3.5 Surface Stormwater Management** Through on-site infiltration, evapotranspiration, and rainwater harvesting, retain precipitation volume from 70% precipitation event *[6 points],* 80% precipitation event *[8 points] ,* or 90% precipitation event *[10 points].*	
N/A		M	**3.6 Efficient Irrigation and Water Reuse** *(Mandatory, if permanent irrigation is utilized)* If irrigation is utilized, install an efficient irrigation system per the requirements listed.	
		4 or 6	**3.7 Efficient Irrigation and Water Reuse** *(Optional, if irrigation is utilized)* Meet the requirements of Criterion 3.6 AND: Option 1: Install an efficient irrigation system equipped with a WaterSense labeled weather-based irrigation controller (WBIC) OR Option 2: At least 50% of the site's irrigation satisfied by water use from the sources listed.	
0	0		3. SITE IMPROVEMENT SUBTOTAL	

4. WATER

Yes	Maybe		4. WATER	Notes
Yes		M	**4.1 Water-Conserving Fixtures** Reduce total indoor water consumption by at least 20% compared to baseline indoor water consumption chart. Any new toilet, showerhead, and/or lavatory faucet must be WaterSense certified. For all single-family homes and all dwelling units in buildings three stories or fewer, the supply pressure may not exceed 60 psi.	
3		6 max	**4.2 Advanced Water Conservation** Reduce total indoor water consumption by at least 30% compared to baseline indoor water consumption chart. Any new toilet, showerhead, and/or lavatory faucet must be WaterSense certified.	shower 1.75 toilet 1.28 lavatory 1.2 kitchen 1.5 WaterSense required
Yes			**4.3 Water Quality**	
		M, 3	**Mandatory/Optional:** Mandatory for Substantial Rehabs of buildings built before 1986; Optional for all other building types: Replace lead service lines *[3 points]*	
		M	**Mandatory:** For multifamily buildings with either a cooling tower, a centralized hot water system, or 10+ stories: Develop a Legionella water management program	
		8	**Optional:** Test and remediate as indicated for lead, nitrates, arsenic, and coliform bacteria	
		4	**4.4 Monitoring Water Consumption and Leaks** Conduct pressure-loss tests and visual inspections to determine if there are leaks; fix leaks. AND Install an advanced water monitoring and leak detection system capable of identifying and shutting water off during anomalous water events. OR Install a device to separately monitor water consumption of each cold branch off the apartment line riser for each dwelling unit or each cold water riser and the domestic hot water cold water feed for each building or each toilet that allows remote monitor readings; common laundry facilities; boiler makeup water; outdoor water consumption; and water consumption in any non-residential space.	
		4	**4.5 Efficient Plumbing Layout and Design** Store no more than 0.5 gallon of water in any piping/manifold between the fixture and the water heating source or recirculation line. No more than 0.6 gallon of water shall be collected from the fixture before a 10-degree Fahrenheit rise in temperature is observed. Recirculation systems must be demand-initiated.	
		6 max	**4.6 Non-Potable Water Reuse** Harvest, treat, and reuse rainwater and/or greywater to meet a portion of the project,Äôs non-potable water needs: 10% reuse *[3 points]* ; 20% reuse *[4 points]* ; 30% reuse *[5 points];* 40% reuse *[6 points].*	
		8	**4.7 Access to Potable Water During Emergencies** Provide residents with ready access to potable water in the event of an emergency that disrupts normal access to potable water, including disruptions related to power outages that prevent pumping water to upper floors of multifamily buildings or pumping of water from on-site wells, per one of the three options listed.	
3	0		4. WATER SUBTOTAL	

5. OPERATING ENERGY

Yes	Maybe		5. OPERATING ENERGY	Notes
		M	**5.1a Building Performance Standard** *(Mandatory for New Construction)* Certify all buildings with residential units in the project through either ENERGY STAR Multifamily New Construction, ENERGY STAR Manufactured Homes, and/or ENERGY STAR Certified Homes as relevant. AND Provide projected operating energy use intensity and projected operating building emissions intensity.	
Yes		M	**5.1b Building Performance Standard** *(Mandatory for Rehab)* Provide projected operating energy use intensity and projected operating building emissions intensity. AND Conduct commissioning for compartmentalization, insulation installation, and HVAC systems as indicated. AND one of the following options: - ERI Option: <= HERS 80 for each dwelling unit. Exception for some Rehabs built before 1980. - ASHRAE Option: Energy performance of the completed building equivalent to, or better than, ASHRAE 90.1-2013 using an energy model created by a qualified energy services provider according to Appendix G 90.1-2016.	
		12 max	**5.2a Moving to Zero Energy: Additional Reductions in Energy Use** *(Not available for projects using prescriptive path for Criterion 5.1a or for projects following Criterion 5.2b or 5.4.)* Projects in CZ 1-4A following this criterion must also comply with Criterion 7.8. Design and construct a building that is projected to be more efficient than what is required by Criteria 5.1a/b. Achieve HERS score of 5 lower than required by 5.1a/b if following ERI path for compliance OR 5% greater efficiency than required if following ASHRAE path for 5.1a/b compliance *[5 points].* Additional 1 point for each additional 2-point decrease in HERS score required by Criteria 5.1a/b if following ERI path for compliance OR for 1% greater efficiency if following ASHRAE path for Criteria 5.1a/b, up to a maximum of 12 optional points.	
		12-15	**5.2b Moving to Zero Energy: Near Zero Certification** **[Mandatory for Enterprise Green Communities Certification Plus]** *(Not available for projects following Criterion 5.2a or 5.4.)* Projects in CZ 1-4A following this criterion must also comply with Criterion 7.8. Certify the project in a program that requires advanced levels of building envelope performance such as DOE ZERH *[12 points]* and/or PHI Classic or PHIUS+ *[15 points]* .	
		3-6	**5.3a Moving to Zero Energy: Photovoltaic/Solar Hot Water Ready** *(Not available for projects following Criterion 5.3b or 5.4.)* Orient, design, engineer, wire, and/or plumb the development through the Photovoltaic Ready pathway or Solar Hot Water Ready Pathway to accommodate installation of photovoltaic (PV) or solar hot water system in the future.	
		8 max	**5.3b Moving to Zero Energy: Renewable Energy** *(Not available for projects following Criterion 5.3a or 5.4)* Install renewable energy source to provide a specified percentage of the project's estimated source energy demand. See full criterion for allowable sources.	
		4-8	**Option 1:** For percentage of total project energy consumption provided by renewable energy. OR	
		1-5	**Option 2:** For percentage of common area meter energy consumption provided by renewable energy.	
		24	**5.4 Achieving Zero Energy** **[Automatic Qualification for Enterprise Green Communities Certification Plus]** *(Not available for projects following Criterion 5.2a, 5.2b, 5.3a, or 5.3b.)* Projects in CZ 1-4A following this criterion must also comply with Criterion 7.8. Achieve Zero Energy performance through one of the following options: **Option 1:** Certify each building in the project to DOE Zero Energy Ready Home program or PHI Plus AND Either install renewables and/or procure renewable energy, which in sum will produce as much, or more, energy in a given year than the project is modeled to consume. OR **Option 2:** Certify each building in the project in a program that requires zero energy performance such as PHIUS+ Source Zero, PHI Plus, PHI Premium, ILFI,Äôs Zero Energy Petal, Zero Carbon Petal, or Living Building Certification.	
		5 max	**5.5a Moving to Zero Carbon: All-Electric Ready** *(Not available for projects following Criterion 5.5b)* Ensure the project has adequate electric service and has been designed and wired to allow for a seamless switch to electricity as a fuel source in the future for the following uses: space heating *[1 point],* space cooling *[1 point]* , water heating (DHW) *[1 point]* , clothes dryers *[1 point]* , equipment for cooking *[1 point].*	
		15	**5.5b Moving to Zero Carbon: All Electric** *(Not available for projects following Criterion 5.5a)* No combustion equipment used as part of the building project; the project is all-electric.	
Yes		M	**5.6 Sizing of Heating and Cooling Equipment** *(Mandatory for Substantial and Moderate Rehabs that include replacement of heating and cooling equipment. Not relevant for projects following 5.1a, 5.2b, or 5.4.)* Size and select heating and cooling equipment in accordance with ACCA manuals J and S OR in accordance with the ASHRAE Handbook of Fundamentals	
Yes		M	**5.7 ENERGY STAR Appliances** *(Mandatory for Substantial and Moderate Rehabs providing appliances. Not relevant for projects following 5.1a, 5.2b, or 5.4.)* Install ENERGY STAR clothes washers, dishwashers, and refrigerators. If appliances will not be installed or replaced at this time, specify that at the time of installation or replacement, ENERGY STAR models must be used via Criterion 8.1 and Criterion 8.4.	Owner to provide in-unit, 3dcd to send specs
Yes		M	**5.8 Lighting** *(Mandatory for all lighting within New Construction and Substantial Rehab projects. Mandatory for new lighting in Moderate Rehab projects.)* Follow the guidance for high-efficacy permanently installed lighting and other characteristics for recessed light fixtures, lighting controls, lighting power density, and exterior lighting.	Exterior lighting need to be dark-sky compliant
		8	**5.9 Resilient Energy Systems: Floodproofing** *(Not relevant for Rehab projects in Special Flood Hazard Areas)* Conduct floodproofing of lower floors, including perimeter floodproofing (barriers/shields). Design and install building systems as specified by the full criterion so that the operation of those systems will not be grossly affected in case of a flood.	
		8	**5.10 Resilient Energy Systems: Critical Loads** Loads Provide emergency power to serve at least three critical energy loads as described by the full criterion. **Option 1**: Islandable PV system OR **Option 2**: Efficient generator	
0	0		5. OPERATING ENERGY SUBTOTAL	

6. MATERIALS

Yes	Maybe		6. MATERIALS	Notes
		8 max	**6.1 Ingredient Transparency for Material Health** Install products that have publicly disclosed inventories characterized and screened to 1,000 ppm or better: ▣ 1 point per 5 installed Declare or HPD products from at least three different product categories ▣ 1 point per 2 installed Declare or HPD products in any of these categories: adhesives, sealants, windows ▣ 1 point per each product with third-party verified HPD or third-party verified Declare label ▣ 2 points per each product with third-party verified HPD or third-party verified Declare label in any of these categories: adhesives, sealants, windows	
		3 max	**6.2 Recycled Content and Ingredient Transparency** Use building products that feature, and disclose, their recycled content. The building product must make up 75% by weight or cost of a project category for the project and be composed of at least 25% post-consumer recycled content.	
		8 max	**6.3 Chemical Hazard Optimization** Install products that have third-party verification of optimization to 100 ppm or better per the options listed within the full criterion.	
Yes		M	**6.4 Healthier Material Selection**	
		15 max	Select all interior paints, coatings, primers, and wallpaper; interior adhesives and sealants; flooring; insulation; and composite wood as specified. Optional points also available.	
		12 max	**6.5 Environmentally Responsible Material Selection** Select concrete, steel, or insulation with a publicly disclosed EPD *[3 points]* , Install a green or cool roof *[3 points]* , use reflective paving *[3 points]* , and/or use FSC certified wood *[3 points]* . Refer to criterion for specifics.	
Yes		M	**6.6 Bath, Kitchen, Laundry Surfaces** *(Mandatory for New Construction and Substantial Rehab. Moderate Rehabs that do not include work in the shower and tub areas are exempt from the shower and tub enclosure requirement.)* Use materials that have durable, cleanable surfaces throughout bathrooms, kitchens, and laundry rooms. Use moisture-resistant backing materials per ASTM # D 6329 or 3273 behind tub/shower enclosures, apart from one-piece fiberglass enclosures which are exempt.	
		4 max	**6.7 Regional Materials** Use products that were extracted, processed, and manufactured within 500 miles of the project for a minimum of 90%, based on weight or on cost, of the amount of the product category installed. Select any or all of these options (every two compliant materials can qualify for 1 point): • Framing Cladding (e.g. siding, masonry, roofing) • Flooring Concrete/cement and aggregate • Drywall/interior sheathing	
N/A		M	**6.8 Managing Moisture: Foundations** *(Mandatory for all New Construction projects and all Rehab projects with either basement and/or crawl space foundations)* Install capillary breaks and vapor retarders that meet specified criteria appropriate for the foundation type.	
Yes		M	**6.9 Managing Moisture: Roofing and Wall Systems** *(Mandatory for all Rehab projects that include deficiencies in or include replacing particular assemblies called out below. New Construction projects are considered compliant per Criterion 5.1.)* Provide water drainage away from walls, window, and roofs by implementing the list of techniques.	
Yes		M	**6.10 Construction Waste Management**	
		6 max	Develop and implement a waste management plan that reduces non-hazardous construction and demolition waste through recycling, salvaging, or diversion strategies through one of the three options. Achieve optional points by going above and beyond the requirement.	
	2	2	**6.11 Recycling Storage** For projects with municipal recycling infrastructure and/or haulers, provide separate bins for the collection of trash and recycling for each dwelling unit and all shared community rooms. OR For projects without that infrastructure, advocate to the local waste hauler or municipality for regular collection of recyclables.	
0	2		6. MATERIALS SUBTOTAL	

7. HEALTHY LIVING ENVIRONMENT

Yes	Maybe		7. HEALTHY LIVING ENVIRONMENT	Notes
Yes		M	**7.1 Radon Mitigation** *(Mandatory for New Construction and Substantial Rehab)* For New Construction in EPA Zone 1 areas, install passive radon-resistant features below the slab and a vertical vent pipe with junction box within 10 feet of an electrical outlet in case an active system should prove necessary in the future. For Substantial Rehab projects in EPA Zone 1, test before and after the retrofit and mitigate per the specified protocols.	
Yes		M	**7.2 Reduce Lead Hazards in Pre-1978 Buildings** *(Mandatory for Substantial Rehab of Buildings Constructed Before 1978)* Conduct lead risk assessment or inspection to identify lead hazards. Control identified lead hazards using lead abatement or interim controls, using lead-safe work practices that minimize and contain dust.	
Yes		M	**7.3 Combustion Equipment** **For New Construction and Rehab projects:** Specify power-vented or direct-vent equipment when installing any new combustion appliance for space or water heating that will be located within the conditioned space. If there are any combustion appliances within the conditioned space, install one hard-wired carbon monoxide (CO) alarm with battery backup function for each sleeping zone, placed per National Fire Protection Association (NFPA) 72. **For Rehabs:** If there is any combustion equipment located within the conditioned space for space or water heating that is not power-vented or direct-vent and that is not scheduled for replacement, conduct combustion safety testing prior to and after the retrofit; remediate as indicated.	
N/A		M	**7.4 Garage Isolation** • Provide a continuous air barrier between the conditioned space and any garage space to prevent the migration of any contaminants into the living space. Visually inspect common walls and ceilings between attached garages and living spaces to ensure that they are air-sealed before insulation is installed. • Do not install ductwork or air handling equipment for the conditioned space in a garage. • Fix all connecting doors between conditioned space and garage with gaskets or make airtight. • Install one hard-wired CO alarm with battery backup function for each sleeping zone of the project, placed per NFPA 72 unless the garage is mechanically ventilated or an open parking structure.	
Yes		M	**7.5 Integrated Pest Management** Seal all wall, floor, and joint penetrations with low-VOC caulking or other appropriate nontoxic sealing methods to prevent pest entry.	
			7.6 Smoke-Free Policy	
Yes		M	**Mandatory:** Implement and enforce a smoke-free policy in all common areas and within a 25-foot perimeter around the exterior of all residential buildings. Lease language must prohibit smoking in these locations and provide a graduated enforcement policy. Make the smoke-free policy readily available.	
10		10	**Optional:** Expand the policy above to include all indoor spaces in the property.	
		M 12 max	**7.7 Ventilation** *(Mandatory for New Construction and Substantial Rehab; Optional for Moderate Rehab)* For each dwelling unit in full accordance with ASHRAE 62.2-2010, install: • A local mechanical exhaust system in each bathroom *[3 points if Moderate Rehab]* • A local mechanical exhaust system in each kitchen *[3 points if Moderate Rehab]* • A whole-house mechanical ventilation system *[3 points if Moderate Rehab]* Verify these flow rates are either within +/- 15 CFM or +/- 15% of design value. For each multifamily building of four or more stories, in full accordance with ASHRAE¬†62.1-2010, install: • A mechanical ventilation system for all hallways and common spaces *[3 points if Moderate Rehab]* For all project types, in addition to the above requirements: • All systems and ductwork must be installed per manufacturer's recommendations • All bathroom fans must be ENERGY STAR-labeled and wired for adequate run-time. • If using central ventilation systems with rooftop fans, each fan must be direct-drive and variable-speed with speed controller mounted near the fan. Fans with design CFM 300-2000 must also have an ECM motor.	
N/A		M , 5	**7.8 Dehumidification** *(Mandatory for properties in Climate Zones 1A, 2A, 3A, and 4A following Criterion 5.2a, 5.2b, or 5.4. Optional for all other properties.)* **Option 1:** Design, select, and install supplemental dehumidification equipment to keep relative humidity OR **Option 2:** Equip all dwelling units with dedicated space, drain, and electrical hook-ups for permanent supplemental dehumidification systems to be installed if needed and install interior RH monitoring equipment as described.	
		3	**7.9 Construction Pollution Management** **Option 1:** Earn the EPA Indoor airPlus label OR **Option 2:** In all dwelling units, seal all heating, cooling, and ventilation return and supply floor ducts and returns throughout construction to prevent construction debris from entering. Flush all dwelling units after completion of construction and prior to occupancy for either 48 hours or with at least 14,000 ft3 per ft2 of floor area, then replace all air handling equipment filters.	

NOT FOR CONSTRUCTION

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RUSS ALLEY
1631 - 1633 VINE STREET, 1630 REPUBLIC STREET
(1633 VINE STREET HPTC APPLICATION)
CINCINNATI, OH 45202

3CDC CINCINNATI CENTER CITY DEVELOPMENT CORPORATION

ISSUE LOG:
06.02.2023 ISSUE FOR PERMIT
1 07.14.2023 PERMIT REVISION 1
09.21.2023 OHFA PRELIM. SUBMISSION

ENTERPRISE GREEN COMMUNITIES CHECKLIST

A0.9

PRELIMINARY:
NOT FOR CONSTRUCTION

ENTERPRISE GREEN COMMUNITIES CRITERIA CHECKLIST - CONTINUED

		3	**7.10 Noise Reduction** **Option 1:** Test and demonstrate that noise levels in bedrooms meet 30 dB LAeq (continuous) and 45 dB LAmax, (single sound). OR **Option 2:** Provide a noise abatement plan specific to the site covering general noise mitigation techniques in accordance with 24 CFR 51B. OR Option 3: Ensure all exterior wall and party wall penetrations are sealed with acoustical sealant, all party walls and floor/ceiling assemblies have an STC rating of at least 55, and exterior windows and doors in projects near a significant exterior noise source have an STC rating of at least 35	
		8	**7.11 Active Design: Promoting Physical Activity** *(All projects must comply with at least one of either Criterion 7.11, 7.12, or 7.13. Points are not available for that criterion, but, are available for projects that meet two or three of these criteria.)* **Option 1:** Encouraging Everyday Stair Usage (buildings that include stairs as the only means to travel from one floor to another are not eligible for this option.) Provide a staircase that is accessible and visible from the main lobby and is visible within a 25-foot walking distance from any point in the lobby per the specifications listed. Place point-of-decision signage. OR **Option 2:** Activity Spaces. Provide on-site dedicated recreation space with exercise or play opportunities for adults and/or children that is open and accessible to all residents; see criterion for specifics.	
Yes		8	**7.12 Beyond ADA: Universal Design** *(All projects must comply with at least one of either Criterion 7.11, 7.12, or 7.13. Points are not available for that criterion, but, are available for projects that meet two or three of these criteria.)* Select and implement at least one of the Options with at least three different strategies in at least 75% units. **Option 1:** Create welcoming and accessible spaces that encourage equitable use and social connections. **Option 2:** Create spaces that are easy and intuitive to use and navigate. **Option 3:** Promote safety and create spaces that allow for human error. **Option 4:** Create spaces that can be accessed and used with minimal physical effort. **Option 5:** Create spaces with the appropriate size and space to allow for use, whatever the user's form of mobility, size, or posture.	Option 2: - Approachable Building Entrances - Clear signage throughout buildings - Avoid strong patterns on floor finishes
		8	**7.13 Healing-Centered Design** *(All projects must comply with at least one of either Criterion 7.11, 7.12, or 7.13. Points are not available for that criterion, but, are available for projects that meet two or three of these criteria.)* Select and implement at least two of the Options with at least two different strategies listed in at least 75% units. **Option 1:** Provide an environment that promotes feelings of real and perceived safety. **Option 2:** Create flexible spaces that allow for personalization and/or manipulation to meet individual and community needs. **Option 3:** Connect residents and staff to a living landscape and the natural environment. **Option 4:** Utilize art and culture in project design and programming and promote social connectedness.	
10	0		**7. HEALTHY LIVING ENVIRONMENT SUBTOTAL**	
Yes	**Maybe**		**8. OPERATIONS, MAINTENANCE + RESIDENT ENGAGEMENT**	**Notes**
Yes		M	**8.1 Building Operations & Maintenance Manual and Plan** *(For all Multifamily projects)* Develop a manual with thorough building operations and maintenance (O&M) guidance and a complementary plan. The manual and plan should be developed over the course of the project design, development, and construction stages, and should include sections/chapters addressing the list of topics.	
Yes		M	**8.2 Emergency Management Manual** *(For all Multifamily projects)* Provide a manual on emergency operations targeted toward operations and maintenance staff and other building-level personnel. The manual should address responses to various types of emergencies, leading with those that have the greatest probability of negatively affecting the project. The manual should provide guidance as to how to sustain the delivery of adequate housing throughout an emergency and cover a range of topics, including but not limited to: • communication plans for staff and residents • useful contact information for public utility and other service providers • infrastructure and building, "shutdown" procedures • plan for regular testing of backup energy systems, if these exist	
Yes		M	**8.3 Resident Manual** Provide a guide for homeowners and renters that explains the intent, benefits, use, and maintenance of their home's green features and practices. The Resident Manual should encourage green and healthy activities per the list of topics.	
Yes		M	**8.4 Walk-Throughs and Orientations to Property Operation** Provide a comprehensive walk-through and orientation for all residents, property manager(s), and buildings operations staff.	
Yes		M	**8.5 Energy and Water Data Collection and Monitoring** For rental properties, upload project energy and water performance data in an online utility benchmarking platform annually for at least five years from time of construction completion per one of the four methods provided; grant Enterprise view access for that period. For owner-occupied units, collect and monitor utility data in a manner that allows for easy access and review.	
0	0		**8. OPERATIONS, MAINTENANCE + RESIDENT ENGAGEMENT SUBTOTAL**	
44	**2**		**TOTAL**	

NOT FOR CONSTRUCTION

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1148 Main Street
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ph. 513.621.0750
citystudiosarch.com

advantage STRUCTURAL ENGINEERS
1527 Madison Road
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VIOX&VIOX
Civil Engineers, Surveyors, and Landscape Architects
PE Envelope 2022.01.0024 PS Notice of COA 76-000 • www.vioxinc.com

PE Services
Professional Engineering Services
1-513-836-3810
www.pe-services.com
9 North Broadway
Lebanon, OH 45046
513-836-3810

RUSS ALLEY
1631- 1633 VINE STREET, 1630 REPUBLIC STREET
(1633 VINE STREET HPTC APPLICATION)
CINCINNATI, OH 45202

3CDC CINCINNATI CENTER CITY DEVELOPMENT CORPORATION

ISSUE LOG:

06.02.2023
ISSUE FOR PERMIT

⚠ 07.14.2023
PERMIT REVISION 1

09.21.2023
OHFA PRELIM. SUBMISSION

ENTERPRISE GREEN COMMUNITIES CHECKLIST

A0.10

PRELIMINARY: NOT FOR CONSTRUCTION

DEMOLITION PLAN GRAPHIC KEY

- EXISTING CONSTRUCTION TO BE REMOVED
- EXISTING MASONRY WALL CONSTRUCTION TO BE REMOVED
- EXISTING CONSTRUCTION TO REMAIN
- REMOVE GYPSUM BOARD, PLASTER, AND/OR LATH FROM INDICATED SIDE OF FRAMED WALL. REFER TO NEW WORK PLANS FOR FIRE RESISTANCE IMPROVEMENTS.
- EXISTING LOAD-BEARING MASONRY / CONCRETE WALL TO REMAIN
- EXISTING STRUCTURE ABOVE TO REMAIN (SEE KEYNOTES ON PLAN)
- EXISTING STRUCTURE ABOVE TO REMAIN (SEE KEYNOTES ON PLAN)
- AREA OF EXISTING FLOOR / ROOF STRUCTURE TO BE REMOVED
- 1HR — EXISTING 1-HR FIRE-RATED WALL
- 2HR — EXISTING 2-HR FIRE-RATED WALL
- EXISTING DOOR AND FRAME TO REMAIN
- EXISTING DOOR/DOOR AND FRAME TO BE REMOVED (SEE HISTORIC NOTES)

DEMOLITION PLAN GENERAL NOTES

1. ALL DASHED ELEMENTS TO BE REMOVED, U.N.O. CONSULT ARCH. IF INTENT IS UNCLEAR.
2. ALL LOAD-BEARING WALLS, COLUMNS, BEAMS, AND STRUCTURAL ELEMENTS TO REMAIN, U.N.O. WHERE EXISTING STRUCTURE IS NOTED TO BE REMOVED, SHORE AND BRACE EXISTING BUILDING AS REQUIRED.
3. WHERE EXISTING STUD FRAMED WALLS ARE INDICATED TO REMAIN, REMOVE GYP. BOARD AND OTHER NON-HISTORIC WALL FINISHES, FASTENERS, INSULATION, ETC. DOWN TO STUDS. REMOVE BASEBOARD. PREP FOR NEW WORK.
4. COORDINATE ANY NEW MASONRY OPENINGS WITH NEW WORK PLANS. TOOTH OUT BRICK AT JAMBS AND SALVAGE SUFFICIENT BRICK FOR KEYING IN AT JAMBS. REFER TO STRUCTURAL DWGS.
5. REFER TO "*DEMOLITION ELEVATION GENERAL NOTES*" ON THE A5.0 SHEET SERIES OF EXTERIOR ELEVATIONS FOR TREATMENT OF HISTORIC MASONRY.
6. HISTORIC STONE LINTELS AND SILLS ARE TO REMAIN. REMOVE ALL CRACKED LINTELS IN PREPARATION FOR NEW CAST STONE LINTEL TO MATCH EXISTING. REFER TO DEMOLITION AND NEW WORK ELEVATIONS AND STRUCTURAL DRAWINGS. CONTRACTOR IS TO INSPECT ALL INTERIOR WOOD LINTELS AND NOTIFY ARCHITECT/STRUCTURAL ENGINEER OF DETERIORATION.
7. CONTRACTOR SHALL EVALUATE CONDITION OF ALL EXISTING PLASTER SURFACES AND REMOVE ALL LOOSE PLASTER FROM ALL SURFACES NOT OTHERWISE SCHEDULED FOR DEMOLITION. STABLE PLASTER IS TO REMAIN UNLESS NOTED OTHERWISE. EXERCISE CARE SO AS NOT TO DAMAGE STABLE PLASTER ADJACENT TO LOOSE PLASTER AND SO NOT TO DAMAGE SUBSTRATE OR STRUCTURE BEYOND.
8. REMOVE ALL TEMPORARY BARRICADES FROM DOORS, WINDOWS, STOREFRONTS.
9. REMOVE ALL IVY AND ANY SIMILAR PLANT GROWTH FROM EXISTING BRICK AND STONE.
10. ALL CHIMNEYS & ASSOCIATED ELEMENTS ARE TO REMAIN, U.N.O. VERIFY STRUCTURAL INTEGRITY IN FIELD - SEE NOTES ON STRUCTURAL DWGS.
11. REMOVE ALL EXISTING NON-HISTORIC VINYL, CARPET AND TILE FLOORING INCLUDING ANY ADHESIVES, FASTENERS, OR UNDERLAYMENTS DOWN TO ORIGINAL WOOD FINISH FLOOR OR SUBFLOOR, U.N.O.
12. REMOVE ALL GYPSUM BOARD, PLASTER AND LATH, AND/OR SUSPENDED CEILINGS TO EXPOSE FLOOR JOISTS / ROOF RAFTERS AND PERMIT INSTALLATION OF CONCEALED MECHANICAL, ELECTRICAL, AND PLUMBING SYSTEMS. U.N.O. CONTACT ARCHITECT AND STRUCTURAL ENGINEER TO ALLOW FOR INSPECTION OF EXISTING FRAMING. EXISTING PLASTER AT UNDERSIDE OF STAIR CAN REMAIN IF IN GOOD / STABLE CONDITION.
13. REMOVE ALL EXISTING CABINETRY, COUNTERTOPS, AND KITCHEN APPLIANCES.
14. REMOVE ALL EXISTING BATHROOM AND KITCHEN FIXTURES, U.N.O.
15. COORDINATE WITH MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS AND REMOVE ALL EXISTING EQUIPMENT, FIXTURES, DUCTS, PIPES, WIRES, ETC. EXTRANEOUS TO THE NEW BUILDING SYSTEMS. CAP AND TERMINATE AS REQ'D BY APPLICABLE CODES AND UTILITY PROVIDERS.
16. NEW OPENINGS FOR M.E.P. SYSTEMS ARE NOT SHOW. TRENCHING OF CONCRETE FLOOR SLAB AND DEMO WORK FOR PLUMBING AND UTILITIES IS NOT SHOWN. CONTRACTOR TO COORDINATE THIS WORK WITH M.E.P. DRAWINGS.
17. REMOVE ALL LAYERS OF EXISTING ROOFING (AND INSULATION WHERE OCCURS) DOWN TO EXISTING ROOF SHEATHING. REMOVE ALL DAMAGED AND DETERIORATED ROOF SHEATHING IN PREPARATION FOR NEW ROOF SHEATHING. REMOVE ALL ROOF FASTENERS, FLASHING, TERMINATION BARS, ETC. TO PREPARE FOR NEW ROOF. SEQUENCE THIS WORK WITH NEW ROOF INSTALLATION SO AS TO PROTECT BUILDING FROM THE ELEMENTS AT ALL TIMES.

⟨X⟩ HISTORIC KEYNOTES

- REFER TO DOOR AND WINDOW TAGS ON NEW WORK PLANS AND TO DOOR AND WINDOW SCHEDULES ON SHEETS A0.4 AND A0.5 FOR DETAILED SCOPE OF WORK AT HISTORIC DOOR AND WINDOW OPENINGS.
- IF NOTE OCCURS AT CENTER OF ROOM, NOTE APPLIES TO ALL WALLS, U.N.O.

A. BRICK TO REMAIN EXPOSED WHERE NO PLASTER IS PRESENT. PROVIDE MASONRY CONSOLIDATOR. PRIME AND PAINT WHERE PREVIOUSLY PAINTED.

CEILINGS

B. REMOVE AND SALVAGE HISTORIC METAL STAMPED CEILING PANELS AND CROWN MOULDING FOR REINSTALLATION OVER FIRE-RATED CEILING. SEE NEW WORK PLANS FOR LOCATION OF REINSTALLED CEILING.
C. NOT USED
D. NOT USED

INTERIOR TRIM

E. EXISTING HISTORIC WOOD BASEBOARD TO REMAIN IN PLACE. REPAIR TO MATCH EXISTING WHERE DAMAGED OR DETERIORATED AND PAINT.
F. REMOVE AND SALVAGE EXISTING HISTORIC WOOD BASEBOARD FOR REINSTALLATION WHERE WALL IS TO BE FURRED OUT FOR THERMAL INSULATION OR WHERE PLASTER IS TO BE REMOVED TO IMPROVE FIRE RESISTANCE RATING (SEE WALL TYPES AND NEW WORK PLANS FOR ADDITIONAL INFORMATION). REINSTALL SALVAGED HISTORIC BASEBOARD OVER NEW GYPSUM BOARD. REPAIR, PRIME AND PAINT.
G. REMOVE EXISTING HISTORIC BASEBOARD REMNANTS.
H. HISTORIC WOOD BEADBOARD WAINSCOT AND CHAIR RAIL TO REMAIN - REPAIR AND PAINT. WHERE DETERIORATED OR MISSING PROVIDE NEW TO MATCH - PAINT.
I. REMOVE EXISTING HISTORIC WOOD BEADBOARD WAINSCOT AND CHAIR RAIL. SALVAGE FOR RELOCATION. INSTALL AT STAIRHALL WALLS NOW EXPOSED BY SHAFT WALL DEMOLITION - SEE NEW WORK PLANS. REPAIR, PRIME, PAINT.
J. REMOVE EXISTING HISTORIC CROWN MOULDING REMNANTS.
K. EXISTING HISTORIC MANTEL AND HEARTH (WHERE OCCURS) TO REMAIN IN PLACE. CLEAN AND REPAIR AS REQ'D. PROVIDE NEW PAINT AT MANTEL WHERE PREVIOUSLY PAINTED. PROVIDE NEW STAIN AT MANTEL WHERE PREVIOUSLY STAINED.

FLOORING

L. HISTORIC WOOD FLOORING TO REMAIN. PATCH ALL DAMAGED, DETERIORATED, OR MISSING BOARDS. REFINISH. SEE FINISH SCHEDULE ON A0.2 FOR ADDITIONAL INFO.
M. EXISTING HISTORIC MOSAIC TILE FLOORS TO REMAIN IN PLACE. REPAIR AS REQ'D. SEE FINISH SCHEDULE ON A0.2.
N. EXISTING WOOD FLOORING TO BE CONCEALED BY NEW FINISH FLOORING AS INDICATED ON FINISH SCHEDULE. SEE A0.2 FOR ADDITIONAL INFO.
O. REMOVE EXISTING HISTORIC METAL FLOOR GRATE AND SALVAGE FOR REINSTALLATION AT EXISTING LOCATION ABOVE NEW FLOOR INFILL. GRATE SHALL BE FLUSH WITH NEW FLOORING.
P. CONTEMPORARY VINYL FLOORING AND LUAN SUBSTRATE TO BE CAREFULLY REMOVED TO EXPOSE EXISTING HISTORIC WOOD FLOORING. PATCH ALL DAMAGED, DETERIORATED, OR MISSING BOARDS. REFINISH. SEE FINISH SCHEDULE ON A0.2 FOR ADDITIONAL INFO.

Q. EXISTING HISTORIC STAIR, NEWEL POSTS, NEWEL POST CAPS, BALUSTRADES, AND HANDRAILS (WHERE OCCURS) TO REMAIN. REPAIR OR REPLACE DAMAGED / DETERIORATED / MISSING STAIR COMPONENTS TO MATCH EXIST. PAINT.
R. EXISTING HISTORIC SKYLIGHT TO REMAIN. REPAIR AND REGLAZE AS REQUIRED. SEE STRUCTURAL DWGS. HISTORIC WOOD BEADBOARD SURROUND TO REMAIN. REPAIR AS REQ'D - PAINT.
S. HISTORIC WOOD BEADBOARD SURROUND AT ABANDONED, INFILLED, SKYLIGHT TO REMAIN. REMOVE, SALVAGE, AND REINSTALL OR REPLICATE HISTORIC BEADBOARD SURROUND AS REQ'D TO FIRE-RATE SURROUNDING BEAMS. PAINT.

WINDOWS*

- ***COMBINE LETTERS IN "WINDOW" CATEGORY WITH NUMBERS OF "WINDOW TRIM" CATEGORY**

T. REMOVE NON-HISTORIC WINDOW. HISTORIC WOOD WEIGHT BOX AND BRICK MOULD TO REMAIN. INSTALL NEW WINDOW WITHIN WEIGHT BOX. REPLACE DETERIORATED HISTORIC WOOD BRICK MOULD TO MATCH HISTORIC PROFILE IF REQUIRED. PAINT.
U. PROVIDE NEW CUSTOM WOOD WINDOW AND BRICKMOULD TO MATCH EXISTING ADJACENT HISTORIC WINDOW. INSTALLATION TO MATCH HISTORIC INSTALLATION - PAINT.
V. REMOVE NON-HISTORIC WINDOW OR INFILL (WHERE OCCURS) BACK TO HISTORIC ROUGH MASONRY OPENING, INCLUDING BLOCKING, WEIGHT BOXES, AND BRICK MOULD (WHERE PRESENT). INFILL PER NEW WORK PLANS. EXISTING EXTERIOR HEADER AND SILL TO REMAIN. REFER TO NEW WORK PLANS.
W. EXISTING HISTORIC WOOD WINDOW AND ALL ASSOCIATED WINDOW COMPONENTS TO REMAIN. REPAIR TO AN OPERABLE CONDITION - PAINT. INSTALL NEW EXTERIOR STORM WINDOW (WHERE APPLICABLE).
X. NOT USED

WINDOW TRIM

REFER TO NOTES BELOW FOR TREATMENT OF INTERIOR WINDOW TRIM:

1. EXISTING HISTORIC INTERIOR WOOD WINDOW TRIM TO REMAIN IN PLACE. REPAIR TO MATCH EXISTING WHERE DAMAGED OR DETERIORATED. PAINT.
2. REMOVE AND SALVAGE HISTORIC INTERIOR WOOD WINDOW TRIM FOR REINSTALLATION. REPAIR TO MATCH EXISTING WHERE DAMAGED OR DETERIORATED. PROVIDE WOOD JAMB AND SILL EXTENDERS WHERE REQUIRED AT NEWLY FURRED WALLS. PRIME AND PAINT.
3. PROVIDE NEW WOOD WINDOW TRIM TO MATCH ADJACENT HISTORIC WINDOW TRIM. PRIME / PAINT.
4. WHERE NO EXISTING INTERIOR WINDOW TRIM IS PRESENT AT HISTORIC WINDOW OPENING, PROVIDE NEW CONTEMPORARY WOOD WINDOW TRIM. PRIME AND PAINT. SEE TYPICAL TRIM ON SHEET A0.5.

INTERIOR DOORS

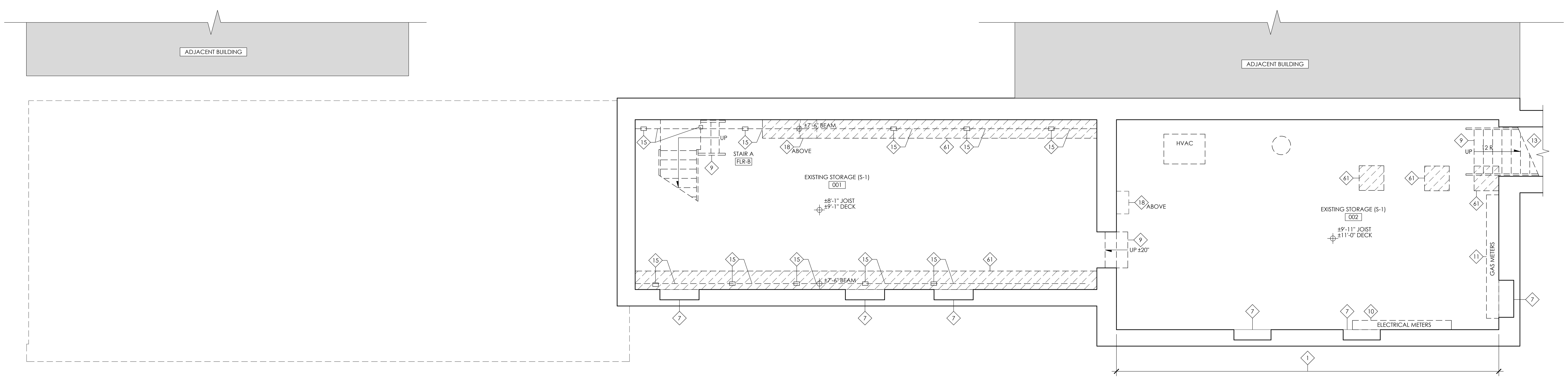
Y. EXISTING HISTORIC METAL DOOR AND FRAME TO REMAIN. REPAIR AND PAINT COMPONENTS PREVIOUSLY PAINTED.
Z. EXISTING HISTORIC SLIDING METAL DOOR AND TRACK. REMOVE AND REINSTALL IN FIXED OPEN POSITION. NEW FIRE RATED DOOR AND FRAME TO BE INSTALLED.
AA. EXISTING HISTORIC SLIDING METAL DOOR AND TRACK TO REMAIN. DOOR IS TO BE FIXED IN THE CLOSED POSITION. HISTORIC OPENING TO BE INFILLED.
AB. EXISTING HISTORIC METAL DOOR AND FRAME TO BE REMOVED. INSTALL NEW FIRE RATED DOOR AND FRAME IN EXISTING OPENING.
AC. EXISTING HISTORIC WOOD DOOR, FRAME, AND TRIM TO REMAIN. REPAIR AND PAINT.
AD. EXISTING HISTORIC WOOD DOOR AND FRAME TO REMAIN AND BE FIXED IN CLOSED POSITION. HISTORIC TRIM TO REMAIN ON EXPOSED SIDE ONLY. REFER TO NEW WORK PLANS. REPAIR, PRIME, AND PAINT.
AE. EXISTING HISTORIC WOOD DOOR OR CASED OPENING TRIM TO REMAIN. REPAIR, PRIME, AND PAINT.
AF. REMOVE HISTORIC DOOR AND FRAME. HISTORIC TRIM TO BE SALVAGED AND REINSTALLED IF WALL REMAINS AND APPLICABLE. REPAIR AND PAINT.
AG. HISTORIC WOOD DOOR TRIM TO REMAIN. SALVAGE AND REINSTALL AT NEW DOOR FRAME. REPAIR AND PAINT.
AH. REMOVE EXISTING DOOR. EXISTING FRAME AND TRIM TO REMAIN. REPAIR, PRIME, AND PAINT.
AI. NOT USED
AJ. NOT USED.
AK. REMOVE EXISTING DOOR. EXISTING HISTORIC WOOD FRAME AND TRANSOM TO REMAIN. REPAIR AND PAINT. PROVIDE NEW GLAZING OR PLYWOOD PANEL AT EXISTING TRANSOM AS INDICATED ON DOOR SCHEDULE. HISTORIC TRIM TO REMAIN AT STAIR SIDE ONLY. SALVAGE HISTORIC TRIM FROM UNIT SIDE FOR REINSTALLATION OVER NEW FIRE RATED FRAME, IF REQUIRED.

EXTERIOR

AL. HISTORIC STOREFRONT ELEMENTS TO REMAIN. ALL CAST IRON AND / OR STONE ELEMENTS ARE TO REMAIN IN PLACE AND BE STABILIZED. REMOVE ALL NON-HISTORIC STOREFRONT INFILL. PROVIDE TEMPORARY BRACING AND SHORING AS REQ'D. EXERCISE CAUTION SO AS NOT TO DAMAGE HISTORIC ELEMENTS. NOTIFY ARCHITECT/ENGINEER OF RECORD FOLLOWING REMOVAL FOR INSPECTION.
AM. EXISTING CAST IRON CURB TO REMAIN. REPAIR AS REQ'D.
AN. HISTORIC STONE AND METAL ROOF CORNICE/BANDING, BRACKETS, AND MOULDING TO REMAIN. REPAIR DETERIORATED ELEMENTS TO MATCH EXISTING. PAINT IF PREVIOUSLY PAINTED.
AO. EXISTING HISTORIC WOOD TRANSOM BAR AND WOOD BRICK MOULD TO REMAIN - REPAIR AND PAINT. EXISTING NON-HISTORIC ENTRY DOOR AND WOOD FRAMED TRANSOM INFILL TO BE REMOVED. PROVIDE NEW ALUMINUM CLAD WOOD DOOR, SIDE PANEL, AND TRANSOM WINDOW.
AP. HISTORIC WOOD SHUTTERS TO BE REMOVED AND SALVAGED FOR REINSTALLATION IN THE FIXED POSITION. REPAIR AND PAINT. REMOVE EXISTING INTERIOR FRAMING AT OPENING AND PREP FOR NEW INFILL PER NEW WORK PLANS. INTERIOR TRIM TO BE REMOVED AND SALVAGED FOR REINSTALLATION. REPAIR AND PAINT.
AQ. HISTORIC BOX GUTTER TO REMAIN. REPAIR ALL DETERIORATED ELEMENTS. PAINT. PROVIDE NEW ROOF MEMBRANE LINER AND SLOPE TO DRAIN TO NEW OR EXISTING DOWNSPOUT LOCATION.
AR. HISTORIC WOOD BRICK MOULD TO REMAIN - REMOVE EXIST. INFILL. PROVIDE NEW ALUMINUM CLAD WOOD DOORS AND TRANSOM WINDOW.
AS. HISTORIC WOOD TRANSOM, BRICK MOULD, AND INTERIOR WOOD TRIM TO REMAIN - REPAIR AND PAINT. INSTALL NEW ALUMINUM CLAD WOOD DOOR.

⟨#⟩ DEMOLITION PLAN KEYNOTES

1. EXISTING CONCRETE SLAB TO REMAIN.
2. REMOVE EXISTING CONCRETE SIDEWALK PER DOTE STANDARDS. SEE CIVIL DRAWINGS.
2A. REMOVE EXISTING CONCRETE WALKWAY. SEE CIVIL DRAWINGS.
3. EXISTING CAST IRON OR STEEL COLUMN TO REMAIN.
4. LINE OF EXISTING STRUCTURE ABOVE TO REMAIN (BEAM, HEADER, ROOF OVERHANG, ETC.). IF BEAM IS CONCEALED - REMOVE PLASTER OR DRYWALL ENCLOSURE AT BEAM.
5. LINE OF EXISTING BRICK/STONE ARCHES ABOVE TO REMAIN.
6. REMOVE EXISTING SLAB ON GRADE. PREP FOR NEW SLAB AND WATERPROOFING.
7. LOCATION OF EXISTING BASEMENT WINDOW WELL.
8. EXISTING WOOD FRAMED STAIRS TO REMAIN. MODIFY BOTTOM RISER(S) AS REQ'D IF LOCATED AT NEW BASEMENT SLAB.
9. REMOVE EXISTING WOOD STAIRS IN ITS ENTIRETY.
10. LOCATION OF EXISTING ELECTRIC EQUIPMENT. SEE MEP DRAWINGS.
11. LOCATION OF EXISTING GAS SERVICE. SEE MEP DRAWINGS.
12. LOCATION OF EXISTING WATER OR FIRE SERVICE. SEE MEP & FP DRAWINGS.
13. EXISTING SPACE UNDER SIDEWALK/R.O.W.
14. REMOVE EXISTING INFILL @ FOUNDATION WALL OPENING. CONTACT ARCHITECT WHEN AREA IS ACCESSIBLE FOR INVESTIGATION.
15. REMOVE EXISTING STRUCTURE. PROVIDE TEMPORARY SHORING. SEE STRUCTURAL DRAWINGS.
16. REMOVE STONE SILL AS REQUIRED FOR CONSTRUCTION OF NEW HANDICAP ACCESSIBLE ENTRANCE. SEE NEW WORK PLANS AND STRUCTURAL DRAWINGS.
17. REMOVE AREA OF CONCRETE SLAB OR WOOD FLOOR FRAMING AS REQUIRED FOR CONSTRUCTION OF NEW HANDICAP ACCESSIBLE ENTRANCE. SEE NEW WORK PLANS AND STRUCTURAL DRAWINGS.
18. REMOVE AREA OF FLOOR FRAMING AS REQUIRED FOR NEW WORK. SEE NEW WORK PLANS AND STRUCTURAL DRAWINGS. PROVIDE TEMPORARY BRACING OR SHORING AS REQUIRED.
19. NEW MASONRY OPENING. SEE NEW WORK PLANS AND STRUCTURAL DRAWINGS. PROVIDE TEMPORARY BRACING OR SHORING AS REQUIRED.
20. LINE OF EXISTING BAY WINDOW ABOVE. REMOVE UNDERSIDE OF BAY ENOUGH FOR ARCHITECT AND STRUCTURAL ENGINEER TO INSPECT FLOOR STRUCTURE.
21. EXISTING FIRE ESCAPE TO REMAIN. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FIRE ESCAPE EXAMINATION INSPECTION AND REPAIRS PER CITY OF CINCINNATI. CLEAN AND PAINT.
22. REMOVE PORTION OF EXISTING FIRE ESCAPE AT 4TH FLOOR THAT CONNECTS TO THE ADJACENT BUILDING'S EXISTING FIRE ESCAPE. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FIRE ESCAPE EXAMINATION, INSPECTION, AND REPAIRS PER CITY OF CINCINNATI. CLEAN AND PAINT.
23. MODIFY EXIST. FIRE ESCAPE LADDER AS REQUIRED TO ACCOMMODATE NEW SLAB HEIGHT. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FIRE ESCAPE EXAMINATION INSPECTION AND REPAIRS PER CITY OF CINCINNATI. CLEAN AND PAINT.
24. EXISTING STONE ENTRY STEP(S) TO REMAIN.
25. REMOVE EXISTING DOWNSPOUT.
26. REMOVE EXISTING HUNG GUTTER AND ALL ANCHORS.
27. REMOVE EXISTING CONCRETE STEP(S).
28. REMOVE EXISTING GLASS BLOCK AND INFILL IN HISTORIC MASONRY OPENING. EXERCISE CAUTION SO AS NOT TO DAMAGE ADJACENT HISTORIC MASONRY.
29. REMOVE EXISTING WALL FURRING. EXERCISE CAUTION SO AS NOT TO DAMAGE HISTORIC PLASTER AND TRIM BEHIND FURRING. EXISTING PLASTER, BASEBOARD AND WINDOW TRIM BEHIND FURRING TO REMAIN. CONTACT ARCHITECT WHEN FURRING HAS BEEN REMOVED FOR INSPECTION.
30. EXISTING INTERCOM BOX TO BE REMOVED.
31. EXISTING CONDENSING UNIT, METAL SURROUND AND ASSOCIATED ANCHORS AND ATTACHMENTS (WHERE OCCURS) TO BE REMOVED.
32. EXISTING WOOD FRAMED STORAGE COMPARTMENT TO REMOVED.
33. EXISTING STEEL FRAME AND GATE TO BE REMOVED.
34. EXISTING BOLLARD TO BE REMOVED IN ITS ENTIRETY.
35. EXISTING CONCRETE RAMP AT ADJACENT BUILDING TO REMAIN. PROTECT DURING ALL PHASES OF CONSTRUCTION. GENERAL CONTRACTOR SHALL COORDINATE WORK IN SHARED PASSAGEWAY WITH ADJACENT PROPERTY OWNER.
36. EXISTING GATE AND FENCE TO BE REMOVED. CONTRACTOR CAN SALVAGE FOR REUSE IF ECONOMICAL. REFER TO NEW WORK PLANS.
37. EXISTING FLOOR DRAIN TO REMAIN. CONTRACTOR TO VERIFY IF DRAIN IS IN WORKING CONDITION. SEE PLUMBING DRAWINGS.
38. EXISTING SURFACE-MOUNTED MAILBOXES TO BE REMOVED. EXERCISE CAUTION SO NOT TO DAMAGE HISTORIC BEADBOARD OR PLASTER. REFER TO NEW WORK PLANS.
39. EXISTING 1-STORY ADDITION TO BE DEMOLISHED. REMOVE EXISTING SLAB ON GRADE (ASSUMED - VIF). SEE NEW WORK PLAN AND STRUCTURAL DRAWINGS.
40. NEW DOOR OPENING AT LOCATION OF EXISTING WINDOW OPENING. REMOVE EXISTING MASONRY INFILL, REMOVE SILL AND PORTIONS OF MASONRY WALL BELOW SILL AS REQUIRED TO INSTALL NEW DOOR, FRAME, AND TRANSOM. MASONRY OPENING WILL NEED ENLARGED AS SHOWN - PROVIDE TEMPORARY BRACING OR SHORING AS REQ'D. SEE STRUCTURAL DWGS FOR LINTEL. COORDINATE WITH NEW WORK PLANS FOR REQ'D DIMENSIONS.
41. LOCATION OF EXISTING ROOF HATCH. REFER TO NEW WORK PLANS.
42. EXISTING METAL OR STONE CHIMNEY CAPS. REPLACE IF CAP IF DETERIORATED OR MISSING.
43. REMOVE AND REPLACE DETERIORATED WOOD RAKE BOARDS. REFER TO NEW WORK PLANS AND ELEVATIONS.
44. EXISTING BRICK SITE PARTY WALL TO REMAIN. REMOVE DAMAGED METAL COPING. REFER TO NEW WORK PLANS.
45. EXISTING BATT INSULATION AT ATTIC FLOOR AND CEILING TO BE REMOVED.
46. REMOVE EXISTING STOOP CONSTRUCTION AS REQUIRED TO ACCOMMODATE NEW WORK.
47. ARCHITECT WAS NOT ABLE TO ACCESS THIS AREA. CONTACT ARCHITECT WHEN ACCESSIBLE.
48. EXISTING BRICK PARAPET WALL WITH TERRA COTTA COPING TO REMAIN. REFER TO GENERAL NOTES FOR MASONRY CLEANING AND RESTORATION. SEE ROOF NEW WORK PLANS FOR COPING REPAIRS.
49. CUT NEW OR ENLARGED OPENING IN EXISTING ROOF OR ATTIC STRUCTURE FOR NEW ROOF HATCH. SEE NEW WORK PLANS AND STRUCTURAL DWGS.
50. CONTRACTOR TO SALVAGE EXIST. BATH TUB FOR REUSE IF IN GOOD CONDITION. REMOVE EXIST. TUB SURROUND. REFER TO NEW WORK AND PLUMBING PLANS. ENSURE TUB AT FIRE-RATED WALL DOES NOT INTERRUPT RATING.
51. REMOVE NON-HISTORIC DOOR, FRAME, LINTEL, AND SILL. PREPARE OPENING FOR MASONRY INFILL PER NEW WORK PLANS.
52. LINE INDICATES SLOPED UNDERSIDE OF EXISTING HISTORIC STAIR ABOVE. REMOVE FINISHES AND PREP FOR NEW GYP. BOARD AND FIRE RATING WHERE NOTED ON NEW WORK PLANS.
53. REMOVE HISTORIC WOOD BEADBOARD AT CEILING.
54. REMOVE FLOOR HATCH. PREP FLOOR OPENING FOR INFILL. REFER TO NEW WORK PLANS AND STRUCTURAL DWGS.
55. LOCATION OF INTERNAL ROOF DRAIN LEADER. CONTRACTOR TO VERIFY CONDITION OF LEADER AND STORM CONNECTION, SCOPE EXISTING BELOW-GRADE STORM LINES. REFER TO NEW WORK PLANS AND PLUMBING DWGS.
56. EXISTING STEEL/WOOD JOIST END REINFORCEMENT BEAMS AND POSTS. SEE STRUCTURAL DRAWINGS.
57. EXISTING POST TO REMAIN. SEE STRUCTURAL DRAWINGS.
58. EXISTING CAST IRON CURB TO REMAIN OR BE REPLACED IF DETERIORATED BEYOND REPAIR. SEE EXTERIOR ELEVATIONS AND STRUCTURAL DWGS.
59. RAISE EXISTING HEADER AT EXISTING OPENING. REFER TO NEW WORK PLANS.
60. REMOVE EXISTING SLAB ON DECK. REFER TO STRUCTURAL DWGS.
61. REMOVE PORTION OF SLAB AND EXCAVATE AS REQUIRED FOR NEW FOOTINGS. SHOWN FOR REFERENCE. SEE STRUCTURAL DRAWINGS AND NEW WORK PLAN.



1 / A2.0 **BASEMENT DEMOLITION PLAN**
1/4" = 1'-0"

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NOT FOR CONSTRUCTION

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ISSUE LOG:
06.02.2023 ISSUE FOR PERMIT
⚠1 07.14.2023 PERMIT REVISION 1
09.21.2023 OHFA PRELIM. SUBMISSION

BASEMENT DEMOLITION PLAN

A2.0

PRELIMINARY: NOT FOR CONSTRUCTION

DEMOLITION PLAN GRAPHIC KEY

- EXISTING CONSTRUCTION TO BE REMOVED
- EXISTING MASONRY WALL CONSTRUCTION TO BE REMOVED
- EXISTING CONSTRUCTION TO REMAIN
- REMOVE GYPSUM BOARD, PLASTER, AND/OR LATH FROM INDICATED SIDE OF FRAMED WALL. REFER TO NEW WORK PLANS FOR FIRE RESISTANCE IMPROVEMENTS.
- EXISTING LOAD-BEARING MASONRY / CONCRETE WALL TO REMAIN
- EXISTING STRUCTURE ABOVE TO REMAIN (SEE KEYNOTES ON PLAN)
- EXISTING STRUCTURE ABOVE TO REMAIN (SEE KEYNOTES ON PLAN)
- AREA OF EXISTING FLOOR / ROOF STRUCTURE TO BE REMOVED
- 1HR — EXISTING 1-HR FIRE-RATED WALL
- 2HR — EXISTING 2-HR FIRE-RATED WALL
- EXISTING DOOR AND FRAME TO REMAIN
- EXISTING DOOR/DOOR AND FRAME TO BE REMOVED (SEE HISTORIC NOTES)

DEMOLITION PLAN GENERAL NOTES

1. ALL DASHED ELEMENTS TO BE REMOVED, U.N.O. CONSULT ARCH. IF INTENT IS UNCLEAR.
2. ALL LOAD-BEARING WALLS, COLUMNS, BEAMS, AND STRUCTURAL ELEMENTS TO REMAIN, U.N.O. WHERE EXISTING STRUCTURE IS NOTED TO BE REMOVED, SHORE AND BRACE EXISTING BUILDING AS REQUIRED.
3. WHERE EXISTING STUD FRAMED WALLS ARE INDICATED TO REMAIN, REMOVE GYP. BOARD AND OTHER NON-HISTORIC WALL FINISHES, FASTENERS, INSULATION, ETC. DOWN TO STUDS. REMOVE BASEBOARD. PREP FOR NEW WORK.
4. COORDINATE ANY NEW MASONRY OPENINGS WITH NEW WORK PLANS. TOOTH OUT BRICK AT JAMBS AND SALVAGE SUFFICIENT BRICK FOR KEYING IN AT JAMBS. REFER TO STRUCTURAL DWGS.
5. REFER TO "*DEMOLITION ELEVATION GENERAL NOTES*" ON THE A5.0 SHEET SERIES OF EXTERIOR ELEVATIONS FOR TREATMENT OF HISTORIC MASONRY.
6. HISTORIC STONE LINTELS AND SILLS ARE TO REMAIN. REMOVE ALL CRACKED LINTELS IN PREPARATION FOR NEW CAST STONE LINTEL TO MATCH EXISTING. REFER TO DEMOLITION AND NEW WORK ELEVATIONS AND STRUCTURAL DRAWINGS. CONTRACTOR IS TO INSPECT ALL INTERIOR WOOD LINTELS AND NOTIFY ARCHITECT/STRUCTURAL ENGINEER OF DETERIORATION.
7. CONTRACTOR SHALL EVALUATE CONDITION OF ALL EXISTING PLASTER SURFACES AND REMOVE ALL LOOSE PLASTER FROM ALL SURFACES NOT OTHERWISE SCHEDULED FOR DEMOLITION. STABLE PLASTER IS TO REMAIN UNLESS NOTED OTHERWISE. EXERCISE CARE SO AS NOT TO DAMAGE STABLE PLASTER ADJACENT TO LOOSE PLASTER AND SO NOT TO DAMAGE SUBSTRATE OR STRUCTURE BEYOND.
8. REMOVE ALL TEMPORARY BARRICADES FROM DOORS, WINDOWS, STOREFRONTS.
9. REMOVE ALL IVY AND ANY SIMILAR PLANT GROWTH FROM EXISTING BRICK AND STONE.
10. ALL CHIMNEYS & ASSOCIATED ELEMENTS ARE TO REMAIN, U.N.O. VERIFY STRUCTURAL INTEGRITY IN FIELD - SEE NOTES ON STRUCTURAL DWGS.
11. REMOVE ALL EXISTING NON-HISTORIC VINYL, CARPET AND TILE FLOORING INCLUDING ANY ADHESIVES, FASTENERS, OR UNDERLAYMENTS DOWN TO ORIGINAL WOOD FINISH FLOOR OR SUBFLOOR, U.N.O.
12. REMOVE ALL GYPSUM BOARD, PLASTER AND LATH, AND/OR SUSPENDED CEILINGS TO EXPOSE FLOOR JOISTS / ROOF RAFTERS AND PERMIT INSTALLATION OF CONCEALED MECHANICAL, ELECTRICAL, AND PLUMBING SYSTEMS. U.N.O. CONTACT ARCHITECT AND STRUCTURAL ENGINEER TO ALLOW FOR INSPECTION OF EXISTING FRAMING. EXISTING PLASTER AT UNDERSIDE OF STAIR CAN REMAIN IF IN GOOD / STABLE CONDITION.
13. REMOVE ALL EXISTING CABINETRY, COUNTERTOPS, AND KITCHEN APPLIANCES.
14. REMOVE ALL EXISTING BATHROOM AND KITCHEN FIXTURES, U.N.O.
15. COORDINATE WITH MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS AND REMOVE ALL EXISTING EQUIPMENT, FIXTURES, DUCTS, PIPES, WIRES, ETC. EXTRANEOUS TO THE NEW BUILDING SYSTEMS. CAP AND TERMINATE AS REQ'D BY APPLICABLE CODES AND UTILITY PROVIDERS.
16. NEW OPENINGS FOR M.E.P. SYSTEMS ARE NOT SHOW. TRENCHING OF CONCRETE FLOOR SLAB AND DEMO WORK FOR PLUMBING AND UTILITIES IS NOT SHOWN. CONTRACTOR TO COORDINATE THIS WORK WITH M.E.P. DRAWINGS.
17. REMOVE ALL LAYERS OF EXISTING ROOFING (AND INSULATION WHERE OCCURS) DOWN TO EXISTING ROOF SHEATHING. REMOVE ALL DAMAGED AND DETERIORATED ROOF SHEATHING IN PREPARATION FOR NEW ROOF SHEATHING. REMOVE ALL ROOF FASTENERS, FLASHING, TERMINATION BARS, ETC. TO PREPARE FOR NEW ROOF. SEQUENCE THIS WORK WITH NEW ROOF INSTALLATION SO AS TO PROTECT BUILDING FROM THE ELEMENTS AT ALL TIMES.

(X) HISTORIC KEYNOTES

- REFER TO DOOR AND WINDOW TAGS ON NEW WORK PLANS AND TO DOOR AND WINDOW SCHEDULES ON SHEETS A0.4 AND A0.5 FOR DETAILED SCOPE OF WORK AT HISTORIC DOOR AND WINDOW OPENINGS.
- IF NOTE OCCURS AT CENTER OF ROOM, NOTE APPLIES TO ALL WALLS, U.N.O.

A. BRICK TO REMAIN EXPOSED WHERE NO PLASTER IS PRESENT. PROVIDE MASONRY CONSOLIDATOR. PRIME AND PAINT WHERE PREVIOUSLY PAINTED.

CEILINGS

B. REMOVE AND SALVAGE HISTORIC METAL STAMPED CEILING PANELS AND CROWN MOULDING FOR REINSTALLATION OVER FIRE-RATED CEILING. SEE NEW WORK PLANS FOR LOCATION OF REINSTALLED CEILING.
C. NOT USED
D. NOT USED

INTERIOR TRIM

E. EXISTING HISTORIC WOOD BASEBOARD TO REMAIN IN PLACE. REPAIR TO MATCH EXISTING WHERE DAMAGED OR DETERIORATED AND PAINT.
F. REMOVE AND SALVAGE EXISTING HISTORIC WOOD BASEBOARD FOR REINSTALLATION WHERE WALL IS TO BE FURRED OUT FOR THERMAL INSULATION OR WHERE PLASTER IS TO BE REMOVED TO IMPROVE FIRE RESISTANCE RATING (SEE WALL TYPES AND NEW WORK PLANS FOR ADDITIONAL INFORMATION). REINSTALL SALVAGED HISTORIC BASEBOARD OVER NEW GYPSUM BOARD. REPAIR, PRIME AND PAINT.
G. REMOVE EXISTING HISTORIC BASEBOARD REMNANTS.
H. HISTORIC WOOD BEADBOARD WAINSCOT AND CHAIR RAIL TO REMAIN - REPAIR AND PAINT. WHERE DETERIORATED OR MISSING PROVIDE NEW TO MATCH - PAINT.
I. REMOVE EXISTING HISTORIC WOOD BEADBOARD WAINSCOT AND CHAIR RAIL. SALVAGE FOR RELOCATION. INSTALL AT STAIRHALL WALLS NOW EXPOSED BY SHAFT WALL DEMOLITION - SEE NEW WORK PLANS. REPAIR, PRIME, PAINT.
J. REMOVE EXISTING HISTORIC CROWN MOULDING REMNANTS.
K. EXISTING HISTORIC MANTEL AND HEARTH (WHERE OCCURS) TO REMAIN IN PLACE. CLEAN AND REPAIR AS REQ'D. PROVIDE NEW PAINT AT MANTEL WHERE PREVIOUSLY PAINTED. PROVIDE NEW STAIN AT MANTEL WHERE PREVIOUSLY STAINED.

FLOORING

L. HISTORIC WOOD FLOORING TO REMAIN. PATCH ALL DAMAGED, DETERIORATED, OR MISSING BOARDS. REFINISH. SEE FINISH SCHEDULE ON A0.2 FOR ADDITIONAL INFO.
M. EXISTING HISTORIC MOSAIC TILE FLOORS TO REMAIN IN PLACE. REPAIR AS REQ'D. SEE FINISH SCHEDULE ON A0.2.
N. EXISTING WOOD FLOORING TO BE CONCEALED BY NEW FINISH FLOORING AS INDICATED ON FINISH SCHEDULE. SEE A0.2 FOR ADDITIONAL INFO.
O. REMOVE EXISTING HISTORIC METAL FLOOR GRATE AND SALVAGE FOR REINSTALLATION AT EXISTING LOCATION ABOVE NEW FLOOR INFILL. GRATE SHALL BE FLUSH WITH NEW FLOORING.
P. CONTEMPORARY VINYL FLOORING AND LUAN SUBSTRATE TO BE CAREFULLY REMOVED TO EXPOSE EXISTING HISTORIC WOOD FLOORING. PATCH ALL DAMAGED, DETERIORATED, OR MISSING BOARDS. REFINISH. SEE FINISH SCHEDULE ON A0.2 FOR ADDITIONAL INFO.

Q. EXISTING HISTORIC STAIR, NEWEL POSTS, NEWEL POST CAPS, BALUSTRADES, AND HANDRAILS (WHERE OCCURS) TO REMAIN. REPAIR OR REPLACE DAMAGED / DETERIORATED / MISSING STAIR COMPONENTS TO MATCH EXIST. PAINT.
R. EXISTING HISTORIC SKYLIGHT TO REMAIN. REPAIR AND REGLAZE AS REQUIRED. SEE STRUCTURAL DWGS. HISTORIC WOOD BEADBOARD SURROUND TO REMAIN. REPAIR AS REQ'D - PAINT.
S. HISTORIC WOOD BEADBOARD SURROUND AT ABANDONED, INFILLED, SKYLIGHT TO REMAIN. REMOVE, SALVAGE, AND REINSTALL OR REPLICATE HISTORIC BEADBOARD SURROUND AS REQ'D TO FIRE-RATE SURROUNDING BEAMS. PAINT.

WINDOWS*

- ***COMBINE LETTERS IN "WINDOW" CATEGORY WITH NUMBERS OF "WINDOW TRIM" CATEGORY**

T. REMOVE NON-HISTORIC WINDOW. HISTORIC WOOD WEIGHT BOX AND BRICK MOULD TO REMAIN. INSTALL NEW WINDOW WITHIN WEIGHT BOX. REPLACE DETERIORATED HISTORIC WOOD BRICK MOULD TO MATCH HISTORIC PROFILE IF REQUIRED. PAINT.
U. PROVIDE NEW CUSTOM WOOD WINDOW AND BRICKMOULD TO MATCH EXISTING ADJACENT HISTORIC WINDOW. INSTALLATION TO MATCH HISTORIC INSTALLATION - PAINT.
V. REMOVE NON-HISTORIC WINDOW OR INFILL (WHERE OCCURS) BACK TO HISTORIC ROUGH MASONRY OPENING, INCLUDING BLOCKING, WEIGHT BOXES, AND BRICK MOULD (WHERE PRESENT). INFILL PER NEW WORK PLANS. EXISTING EXTERIOR HEADER AND SILL TO REMAIN. REFER TO NEW WORK PLANS.
W. EXISTING HISTORIC WOOD WINDOW AND ALL ASSOCIATED WINDOW COMPONENTS TO REMAIN. REPAIR TO AN OPERABLE CONDITION - PAINT. INSTALL NEW EXTERIOR STORM WINDOW (WHERE APPLICABLE).
X. NOT USED

WINDOW TRIM

REFER TO NOTES BELOW FOR TREATMENT OF INTERIOR WINDOW TRIM:

1. EXISTING HISTORIC INTERIOR WOOD WINDOW TRIM TO REMAIN IN PLACE. REPAIR TO MATCH EXISTING WHERE DAMAGED OR DETERIORATED. PAINT.
2. REMOVE AND SALVAGE HISTORIC INTERIOR WOOD WINDOW TRIM FOR REINSTALLATION. REPAIR TO MATCH EXISTING WHERE DAMAGED OR DETERIORATED. PROVIDE WOOD JAMB AND SILL EXTENDERS WHERE REQUIRED AT NEWLY FURRED WALLS. PRIME AND PAINT.
3. PROVIDE NEW WOOD WINDOW TRIM TO MATCH ADJACENT HISTORIC WINDOW TRIM. PRIME / PAINT.
4. WHERE NO EXISTING INTERIOR WINDOW TRIM IS PRESENT AT HISTORIC WINDOW OPENING, PROVIDE NEW CONTEMPORARY WOOD WINDOW TRIM. PRIME AND PAINT. SEE TYPICAL TRIM ON SHEET A0.5.

INTERIOR DOORS

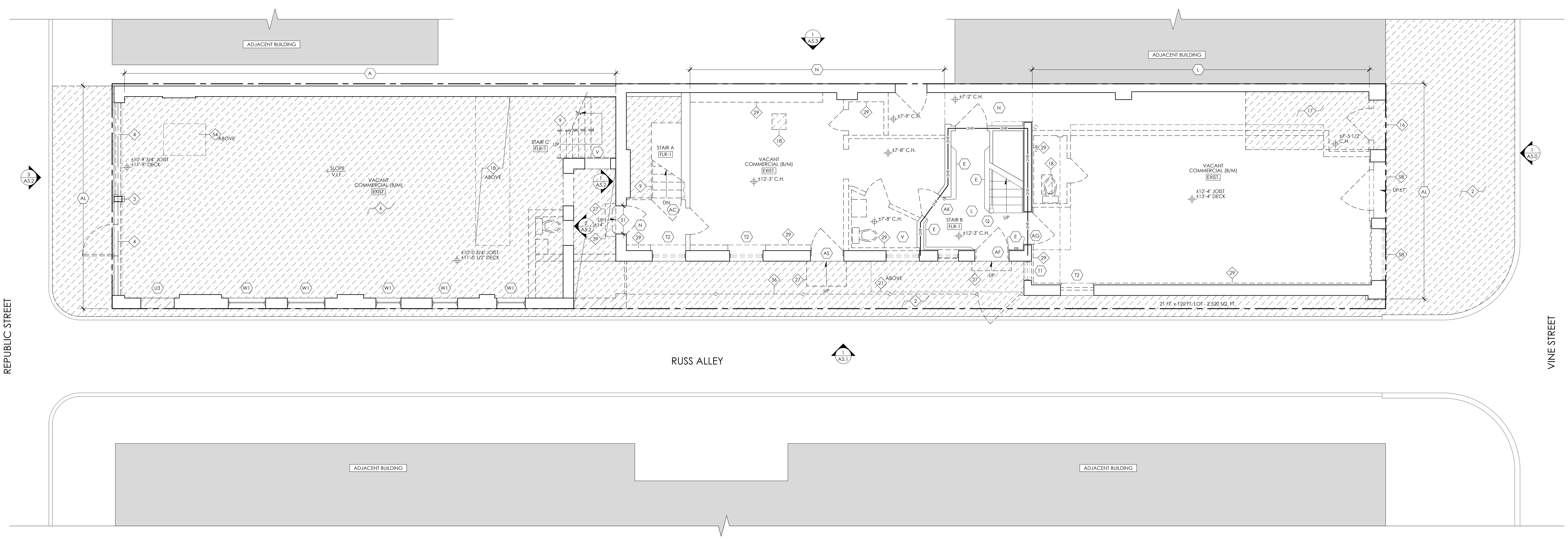
Y. EXISTING HISTORIC METAL DOOR AND FRAME TO REMAIN. REPAIR AND PAINT COMPONENTS PREVIOUSLY PAINTED.
Z. EXISTING HISTORIC SLIDING METAL DOOR AND TRACK. REMOVE AND REINSTALL IN FIXED OPEN POSITION. NEW FIRE RATED DOOR AND FRAME TO BE INSTALLED.
AA. EXISTING HISTORIC SLIDING METAL DOOR AND TRACK TO REMAIN. DOOR IS TO BE FIXED IN THE CLOSED POSITION. HISTORIC OPENING TO BE INFILLED.
AB. EXISTING HISTORIC METAL DOOR AND FRAME TO BE REMOVED. INSTALL NEW FIRE RATED DOOR AND FRAME IN EXISTING OPENING.
AC. EXISTING HISTORIC WOOD DOOR, FRAME, AND TRIM TO REMAIN. REPAIR AND PAINT.
AD. EXISTING HISTORIC WOOD DOOR AND FRAME TO REMAIN AND BE FIXED IN CLOSED POSITION. HISTORIC TRIM TO REMAIN ON EXPOSED SIDE ONLY. REFER TO NEW WORK PLANS. REPAIR, PRIME, AND PAINT.
AE. EXISTING HISTORIC WOOD DOOR OR CASED OPENING TRIM TO REMAIN. REPAIR, PRIME, AND PAINT.
AF. REMOVE HISTORIC DOOR AND FRAME. HISTORIC TRIM TO BE SALVAGED AND REINSTALLED IF WALL REMAINS AND APPLICABLE. REPAIR AND PAINT.
AG. HISTORIC WOOD DOOR TRIM TO REMAIN. SALVAGE AND REINSTALL AT NEW DOOR FRAME. REPAIR AND PAINT.
AH. REMOVE EXISTING DOOR. EXISTING FRAME AND TRIM TO REMAIN. REPAIR, PRIME, AND PAINT.
AI. NOT USED
AJ. NOT USED.
AK. REMOVE EXISTING DOOR. EXISTING HISTORIC WOOD FRAME AND TRANSOM TO REMAIN. REPAIR AND PAINT. PROVIDE NEW GLAZING OR PLYWOOD PANEL AT EXISTING TRANSOM AS INDICATED ON DOOR SCHEDULE. HISTORIC TRIM TO REMAIN AT STAIR SIDE ONLY. SALVAGE HISTORIC TRIM FROM UNIT SIDE FOR REINSTALLATION OVER NEW FIRE RATED FRAME, IF REQUIRED.

EXTERIOR

AL. HISTORIC STOREFRONT ELEMENTS TO REMAIN. ALL CAST IRON AND / OR STONE ELEMENTS ARE TO REMAIN IN PLACE AND BE STABILIZED. REMOVE ALL NON-HISTORIC STOREFRONT INFILL. PROVIDE TEMPORARY BRACING AND SHORING AS REQ'D. EXERCISE CAUTION SO AS NOT TO DAMAGE HISTORIC ELEMENTS. NOTIFY ARCHITECT/ENGINEER OF RECORD FOLLOWING REMOVAL FOR INSPECTION.
AM. EXISTING CAST IRON CURB TO REMAIN. REPAIR AS REQ'D.
AN. HISTORIC STONE AND METAL ROOF CORNICE/BANDING, BRACKETS, AND MOULDING TO REMAIN. REPAIR DETERIORATED ELEMENTS TO MATCH EXISTING. PAINT IF PREVIOUSLY PAINTED.
AO. EXISTING HISTORIC WOOD TRANSOM BAR AND WOOD BRICK MOULD TO REMAIN - REPAIR AND PAINT. EXISTING NON-HISTORIC ENTRY DOOR AND WOOD FRAMED TRANSOM INFILL TO BE REMOVED. PROVIDE NEW ALUMINUM CLAD WOOD DOOR, SIDE PANEL, AND TRANSOM WINDOW.
AP. HISTORIC WOOD SHUTTERS TO BE REMOVED AND SALVAGED FOR REINSTALLATION IN THE FIXED POSITION. REPAIR AND PAINT. REMOVE EXISTING INTERIOR FRAMING AT OPENING AND PREP FOR NEW INFILL PER NEW WORK PLANS. INTERIOR TRIM TO BE REMOVED AND SALVAGED FOR REINSTALLATION. REPAIR AND PAINT.
AQ. HISTORIC BOX GUTTER TO REMAIN. REPAIR ALL DETERIORATED ELEMENTS. PAINT. PROVIDE NEW ROOF MEMBRANE LINER AND SLOPE TO DRAIN TO NEW OR EXISTING DOWNSPOUT LOCATION.
AR. HISTORIC WOOD BRICK MOULD TO REMAIN - REMOVE EXIST. INFILL. PROVIDE NEW ALUMINUM CLAD WOOD DOORS AND TRANSOM WINDOW.
AS. HISTORIC WOOD TRANSOM, BRICK MOULD, AND INTERIOR WOOD TRIM TO REMAIN - REPAIR AND PAINT. INSTALL NEW ALUMINUM CLAD WOOD DOOR.

(#) DEMOLITION PLAN KEYNOTES

1. EXISTING CONCRETE SLAB TO REMAIN.
2. REMOVE EXISTING CONCRETE SIDEWALK PER DOTE STANDARDS. SEE CIVIL DRAWINGS.
2A. REMOVE EXISTING CONCRETE WALKWAY. SEE CIVIL DRAWINGS.
3. EXISTING CAST IRON OR STEEL COLUMN TO REMAIN.
4. LINE OF EXISTING STRUCTURE ABOVE TO REMAIN (BEAM, HEADER, ROOF OVERHANG, ETC.). IF BEAM IS CONCEALED - REMOVE PLASTER OR DRYWALL ENCLOSURE AT BEAM.
5. LINE OF EXISTING BRICK/STONE ARCHES ABOVE TO REMAIN.
6. REMOVE EXISTING SLAB ON GRADE. PREP FOR NEW SLAB AND WATERPROOFING.
7. LOCATION OF EXISTING BASEMENT WINDOW WELL.
8. EXISTING WOOD FRAMED STAIRS TO REMAIN. MODIFY BOTTOM RISER(S) AS REQ'D IF LOCATED AT NEW BASEMENT SLAB.
9. REMOVE EXISTING WOOD STAIRS IN ITS ENTIRETY.
10. LOCATION OF EXISTING ELECTRIC EQUIPMENT. SEE MEP DRAWINGS.
11. LOCATION OF EXISTING GAS SERVICE. SEE MEP DRAWINGS.
12. LOCATION OF EXISTING WATER OR FIRE SERVICE. SEE MEP & FP DRAWINGS.
13. EXISTING SPACE UNDER SIDEWALK/R.O.W.
14. REMOVE EXISTING INFILL @ FOUNDATION WALL OPENING. CONTACT ARCHITECT WHEN AREA IS ACCESSIBLE FOR INVESTIGATION.
15. REMOVE EXISTING STRUCTURE. PROVIDE TEMPORARY SHORING. SEE STRUCTURAL DRAWINGS.
16. REMOVE STONE SILL AS REQUIRED FOR CONSTRUCTION OF NEW HANDICAP ACCESSIBLE ENTRANCE. SEE NEW WORK PLANS AND STRUCTURAL DRAWINGS.
17. REMOVE AREA OF CONCRETE SLAB OR WOOD FLOOR FRAMING AS REQUIRED FOR CONSTRUCTION OF NEW HANDICAP ACCESSIBLE ENTRANCE. SEE NEW WORK PLANS AND STRUCTURAL DRAWINGS.
18. REMOVE AREA OF FLOOR FRAMING AS REQUIRED FOR NEW WORK. SEE NEW WORK PLANS AND STRUCTURAL DRAWINGS. PROVIDE TEMPORARY BRACING OR SHORING AS REQUIRED.
19. NEW MASONRY OPENING. SEE NEW WORK PLANS AND STRUCTURAL DRAWINGS. PROVIDE TEMPORARY BRACING OR SHORING AS REQUIRED.
20. LINE OF EXISTING BAY WINDOW ABOVE. REMOVE UNDERSIDE OF BAY ENOUGH FOR ARCHITECT AND STRUCTURAL ENGINEER TO INSPECT FLOOR STRUCTURE.
21. EXISTING FIRE ESCAPE TO REMAIN. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FIRE ESCAPE EXAMINATION INSPECTION AND REPAIRS PER CITY OF CINCINNATI. CLEAN AND PAINT.
22. REMOVE PORTION OF EXISTING FIRE ESCAPE AT 4TH FLOOR THAT CONNECTS TO THE ADJACENT BUILDING'S EXISTING FIRE ESCAPE. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FIRE ESCAPE EXAMINATION, INSPECTION, AND REPAIRS PER CITY OF CINCINNATI. CLEAN AND PAINT.
23. MODIFY EXIST. FIRE ESCAPE LADDER AS REQUIRED TO ACCOMMODATE NEW SLAB HEIGHT. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FIRE ESCAPE EXAMINATION INSPECTION AND REPAIRS PER CITY OF CINCINNATI. CLEAN AND PAINT.
24. EXISTING STONE ENTRY STEP(S) TO REMAIN.
25. REMOVE EXISTING DOWNSPOUT.
26. REMOVE EXISTING HUNG GUTTER AND ALL ANCHORS.
27. REMOVE EXISTING CONCRETE STEP(S).
28. REMOVE EXISTING GLASS BLOCK AND INFILL IN HISTORIC MASONRY OPENING. EXERCISE CAUTION SO AS NOT TO DAMAGE ADJACENT HISTORIC MASONRY.
29. REMOVE EXISTING WALL FURRING. EXERCISE CAUTION SO AS NOT TO DAMAGE HISTORIC PLASTER AND TRIM BEHIND FURRING. EXISTING PLASTER, BASEBOARD AND WINDOW TRIM BEHIND FURRING TO REMAIN. CONTACT ARCHITECT WHEN FURRING HAS BEEN REMOVED FOR INSPECTION.
30. EXISTING INTERCOM BOX TO BE REMOVED.
31. EXISTING CONDENSING UNIT, METAL SURROUND AND ASSOCIATED ANCHORS AND ATTACHMENTS (WHERE OCCURS) TO BE REMOVED.
32. EXISTING WOOD FRAMED STORAGE COMPARTMENT TO REMOVED.
33. EXISTING STEEL FRAME AND GATE TO BE REMOVED.
34. EXISTING BOLLARD TO BE REMOVED IN ITS ENTIRETY.
35. EXISTING CONCRETE RAMP AT ADJACENT BUILDING TO REMAIN. PROTECT DURING ALL PHASES OF CONSTRUCTION. GENERAL CONTRACTOR SHALL COORDINATE WORK IN SHARED PASSAGEWAY WITH ADJACENT PROPERTY OWNER.
36. EXISTING GATE AND FENCE TO BE REMOVED. CONTRACTOR CAN SALVAGE FOR REUSE IF ECONOMICAL. REFER TO NEW WORK PLANS.
37. EXISTING FLOOR DRAIN TO REMAIN. CONTRACTOR TO VERIFY IF DRAIN IS IN WORKING CONDITION. SEE PLUMBING DRAWINGS.
38. EXISTING SURFACE-MOUNTED MAILBOXES TO BE REMOVED. EXERCISE CAUTION SO NOT TO DAMAGE HISTORIC BEADBOARD OR PLASTER. REFER TO NEW WORK PLANS.
39. EXISTING 1-STORY ADDITION TO BE DEMOLISHED. REMOVE EXISTING SLAB ON GRADE (ASSUMED - VIF). SEE NEW WORK PLAN AND STRUCTURAL DRAWINGS.
40. NEW DOOR OPENING AT LOCATION OF EXISTING WINDOW OPENING. REMOVE EXISTING MASONRY INFILL, REMOVE SILL AND PORTIONS OF MASONRY WALL BELOW SILL AS REQUIRED TO INSTALL NEW DOOR, FRAME, AND TRANSOM. MASONRY OPENING WILL NEED ENLARGED AS SHOWN - PROVIDE TEMPORARY BRACING OR SHORING AS REQ'D. SEE STRUCTURAL DWGS FOR LINTEL. COORDINATE WITH NEW WORK PLANS FOR REQ'D DIMENSIONS.
41. LOCATION OF EXISTING ROOF HATCH. REFER TO NEW WORK PLANS.
42. EXISTING METAL OR STONE CHIMNEY CAPS. REPLACE IF CAP IF DETERIORATED OR MISSING.
43. REMOVE AND REPLACE DETERIORATED WOOD RAKE BOARDS. REFER TO NEW WORK PLANS AND ELEVATIONS.
44. EXISTING BRICK SITE PARTY WALL TO REMAIN. REMOVE DAMAGED METAL COPING. REFER TO NEW WORK PLANS.
45. EXISTING BATT INSULATION AT ATTIC FLOOR AND CEILING TO BE REMOVED.
46. REMOVE EXISTING STOOP CONSTRUCTION AS REQUIRED TO ACCOMMODATE NEW WORK.
47. ARCHITECT WAS NOT ABLE TO ACCESS THIS AREA. CONTACT ARCHITECT WHEN ACCESSIBLE.
48. EXISTING BRICK PARAPET WALL WITH TERRA COTTA COPING TO REMAIN. REFER TO GENERAL NOTES FOR MASONRY CLEANING AND RESTORATION. SEE ROOF NEW WORK PLANS FOR COPING REPAIRS.
49. CUT NEW OR ENLARGED OPENING IN EXISTING ROOF OR ATTIC STRUCTURE FOR NEW ROOF HATCH. SEE NEW WORK PLANS AND STRUCTURAL DWGS.
50. CONTRACTOR TO SALVAGE EXIST. BATH TUB FOR REUSE IF IN GOOD CONDITION. REMOVE EXIST. TUB SURROUND. REFER TO NEW WORK AND PLUMBING PLANS. ENSURE TUB AT FIRE-RATED WALL DOES NOT INTERRUPT RATING.
51. REMOVE NON-HISTORIC DOOR, FRAME, LINTEL, AND SILL. PREPARE OPENING FOR MASONRY INFILL PER NEW WORK PLANS.
52. LINE INDICATES SLOPED UNDERSIDE OF EXISTING HISTORIC STAIR ABOVE. REMOVE FINISHES AND PREP FOR NEW GYP. BOARD AND FIRE RATING WHERE NOTED ON NEW WORK PLANS.
53. REMOVE HISTORIC WOOD BEADBOARD AT CEILING.
54. REMOVE FLOOR HATCH. PREP FLOOR OPENING FOR INFILL. REFER TO NEW WORK PLANS AND STRUCTURAL DWGS.
55. LOCATION OF INTERNAL ROOF DRAIN LEADER. CONTRACTOR TO VERIFY CONDITION OF LEADER AND STORM CONNECTION, SCOPE EXISTING BELOW-GRADE STORM LINES. REFER TO NEW WORK PLANS AND PLUMBING DWGS.
56. EXISTING STEEL/WOOD JOIST END REINFORCEMENT BEAMS AND POSTS. SEE STRUCTURAL DRAWINGS.
57. EXISTING POST TO REMAIN. SEE STRUCTURAL DRAWINGS.
58. EXISTING CAST IRON CURB TO REMAIN OR BE REPLACED IF DETERIORATED BEYOND REPAIR. SEE EXTERIOR ELEVATIONS AND STRUCTURAL DWGS.
59. RAISE EXISTING HEADER AT EXISTING OPENING. REFER TO NEW WORK PLANS.
60. REMOVE EXISTING SLAB ON DECK. REFER TO STRUCTURAL DWGS.
61. REMOVE PORTION OF SLAB AND EXCAVATE AS REQUIRED FOR NEW FOOTINGS. SHOWN FOR REFERENCE. SEE STRUCTURAL DRAWINGS AND NEW WORK PLAN.



1 / A2.1 FIRST FLOOR DEMOLITION PLAN
1/4" = 1'-0"

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ISSUE LOG:

06.02.2023 ISSUE FOR PERMIT
1 07.14.2023 PERMIT REVISION 1
09.21.2023 OHFA PRELIM. SUBMISSION

FIRST FLOOR DEMOLITION PLAN

A2.1

PRELIMINARY: NOT FOR CONSTRUCTION

DEMOLITION PLAN GRAPHIC KEY

- EXISTING CONSTRUCTION TO BE REMOVED
- EXISTING MASONRY WALL CONSTRUCTION TO BE REMOVED
- EXISTING CONSTRUCTION TO REMAIN
- REMOVE GYPSUM BOARD, PLASTER, AND/OR LATH FROM INDICATED SIDE OF FRAMED WALL. REFER TO NEW WORK PLANS FOR FIRE RESISTANCE IMPROVEMENTS.
- EXISTING LOAD-BEARING MASONRY / CONCRETE WALL TO REMAIN
- EXISTING STRUCTURE ABOVE TO REMAIN (SEE KEYNOTES ON PLAN)
- EXISTING STRUCTURE ABOVE TO REMAIN (SEE KEYNOTES ON PLAN)
- AREA OF EXISTING FLOOR / ROOF STRUCTURE TO BE REMOVED
- 1HR — EXISTING 1-HR FIRE-RATED WALL
- 2HR — EXISTING 2-HR FIRE-RATED WALL
- EXISTING DOOR AND FRAME TO REMAIN
- EXISTING DOOR/DOOR AND FRAME TO BE REMOVED (SEE HISTORIC NOTES)

DEMOLITION PLAN GENERAL NOTES

1. ALL DASHED ELEMENTS TO BE REMOVED, U.N.O. CONSULT ARCH. IF INTENT IS UNCLEAR.
2. ALL LOAD-BEARING WALLS, COLUMNS, BEAMS, AND STRUCTURAL ELEMENTS TO REMAIN, U.N.O. WHERE EXISTING STRUCTURE IS NOTED TO BE REMOVED, SHORE AND BRACE EXISTING BUILDING AS REQUIRED.
3. WHERE EXISTING STUD FRAMED WALLS ARE INDICATED TO REMAIN, REMOVE GYP. BOARD AND OTHER NON-HISTORIC WALL FINISHES, FASTENERS, INSULATION, ETC. DOWN TO STUDS. REMOVE BASEBOARD. PREP FOR NEW WORK.
4. COORDINATE ANY NEW MASONRY OPENINGS WITH NEW WORK PLANS. TOOTH OUT BRICK AT JAMBS AND SALVAGE SUFFICIENT BRICK FOR KEYING IN AT JAMBS. REFER TO STRUCTURAL DWGS.
5. REFER TO "*DEMOLITION ELEVATION GENERAL NOTES*" ON THE A5.0 SHEET SERIES OF EXTERIOR ELEVATIONS FOR TREATMENT OF HISTORIC MASONRY.
6. HISTORIC STONE LINTELS AND SILLS ARE TO REMAIN. REMOVE ALL CRACKED LINTELS IN PREPARATION FOR NEW CAST STONE LINTEL TO MATCH EXISTING. REFER TO DEMOLITION AND NEW WORK ELEVATIONS AND STRUCTURAL DRAWINGS. CONTRACTOR IS TO INSPECT ALL INTERIOR WOOD LINTELS AND NOTIFY ARCHITECT/STRUCTURAL ENGINEER OF DETERIORATION.
7. CONTRACTOR SHALL EVALUATE CONDITION OF ALL EXISTING PLASTER SURFACES AND REMOVE ALL LOOSE PLASTER FROM ALL SURFACES NOT OTHERWISE SCHEDULED FOR DEMOLITION. STABLE PLASTER IS TO REMAIN UNLESS NOTED OTHERWISE. EXERCISE CARE SO AS NOT TO DAMAGE STABLE PLASTER ADJACENT TO LOOSE PLASTER AND SO NOT TO DAMAGE SUBSTRATE OR STRUCTURE BEYOND.
8. REMOVE ALL TEMPORARY BARRICADES FROM DOORS, WINDOWS, STOREFRONTS.
9. REMOVE ALL IVY AND ANY SIMILAR PLANT GROWTH FROM EXISTING BRICK AND STONE.
10. ALL CHIMNEYS & ASSOCIATED ELEMENTS ARE TO REMAIN, U.N.O. VERIFY STRUCTURAL INTEGRITY IN FIELD - SEE NOTES ON STRUCTURAL DWGS.
11. REMOVE ALL EXISTING NON-HISTORIC VINYL, CARPET AND TILE FLOORING INCLUDING ANY ADHESIVES, FASTENERS, OR UNDERLAYMENTS DOWN TO ORIGINAL WOOD FINISH FLOOR OR SUBFLOOR, U.N.O.
12. REMOVE ALL GYPSUM BOARD, PLASTER AND LATH, AND/OR SUSPENDED CEILINGS TO EXPOSE FLOOR JOISTS / ROOF RAFTERS AND PERMIT INSTALLATION OF CONCEALED MECHANICAL, ELECTRICAL, AND PLUMBING SYSTEMS. U.N.O. CONTACT ARCHITECT AND STRUCTURAL ENGINEER TO ALLOW FOR INSPECTION OF EXISTING FRAMING. EXISTING PLASTER AT UNDERSIDE OF STAIR CAN REMAIN IF IN GOOD / STABLE CONDITION.
13. REMOVE ALL EXISTING CABINETRY, COUNTERTOPS, AND KITCHEN APPLIANCES.
14. REMOVE ALL EXISTING BATHROOM AND KITCHEN FIXTURES, U.N.O.
15. COORDINATE WITH MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS AND REMOVE ALL EXISTING EQUIPMENT, FIXTURES, DUCTS, PIPES, WIRES, ETC. EXTRANEOUS TO THE NEW BUILDING SYSTEMS. CAP AND TERMINATE AS REQ'D BY APPLICABLE CODES AND UTILITY PROVIDERS.
16. NEW OPENINGS FOR M.E.P. SYSTEMS ARE NOT SHOW. TRENCHING OF CONCRETE FLOOR SLAB AND DEMO WORK FOR PLUMBING AND UTILITIES IS NOT SHOWN. CONTRACTOR TO COORDINATE THIS WORK WITH M.E.P. DRAWINGS.
17. REMOVE ALL LAYERS OF EXISTING ROOFING (AND INSULATION WHERE OCCURS) DOWN TO EXISTING ROOF SHEATHING. REMOVE ALL DAMAGED AND DETERIORATED ROOF SHEATHING IN PREPARATION FOR NEW ROOF SHEATHING. REMOVE ALL ROOF FASTENERS, FLASHING, TERMINATION BARS, ETC. TO PREPARE FOR NEW ROOF. SEQUENCE THIS WORK WITH NEW ROOF INSTALLATION SO AS TO PROTECT BUILDING FROM THE ELEMENTS AT ALL TIMES.

(X) HISTORIC KEYNOTES

- REFER TO DOOR AND WINDOW TAGS ON NEW WORK PLANS AND TO DOOR AND WINDOW SCHEDULES ON SHEETS A0.4 AND A0.5 FOR DETAILED SCOPE OF WORK AT HISTORIC DOOR AND WINDOW OPENINGS.
- IF NOTE OCCURS AT CENTER OF ROOM, NOTE APPLIES TO ALL WALLS, U.N.O.

A. BRICK TO REMAIN EXPOSED WHERE NO PLASTER IS PRESENT. PROVIDE MASONRY CONSOLIDATOR. PRIME AND PAINT WHERE PREVIOUSLY PAINTED.

CEILINGS

B. REMOVE AND SALVAGE HISTORIC METAL STAMPED CEILING PANELS AND CROWN MOULDING FOR REINSTALLATION OVER FIRE-RATED CEILING. SEE NEW WORK PLANS FOR LOCATION OF REINSTALLED CEILING.
C. NOT USED
D. NOT USED

INTERIOR TRIM

E. EXISTING HISTORIC WOOD BASEBOARD TO REMAIN IN PLACE. REPAIR TO MATCH EXISTING WHERE DAMAGED OR DETERIORATED AND PAINT.
F. REMOVE AND SALVAGE EXISTING HISTORIC WOOD BASEBOARD FOR REINSTALLATION WHERE WALL IS TO BE FURRED OUT FOR THERMAL INSULATION OR WHERE PLASTER IS TO BE REMOVED TO IMPROVE FIRE RESISTANCE RATING (SEE WALL TYPES AND NEW WORK PLANS FOR ADDITIONAL INFORMATION). REINSTALL SALVAGED HISTORIC BASEBOARD OVER NEW GYPSUM BOARD. REPAIR, PRIME AND PAINT.
G. REMOVE EXISTING HISTORIC BASEBOARD REMNANTS.
H. HISTORIC WOOD BEADBOARD WAINSCOT AND CHAIR RAIL TO REMAIN - REPAIR AND PAINT. WHERE DETERIORATED OR MISSING PROVIDE NEW TO MATCH - PAINT.
I. REMOVE EXISTING HISTORIC WOOD BEADBOARD WAINSCOT AND CHAIR RAIL. SALVAGE FOR RELOCATION. INSTALL AT STAIRHALL WALLS NOW EXPOSED BY SHAFT WALL DEMOLITION - SEE NEW WORK PLANS. REPAIR, PRIME, PAINT.
J. REMOVE EXISTING HISTORIC CROWN MOULDING REMNANTS.
K. EXISTING HISTORIC MANTEL AND HEARTH (WHERE OCCURS) TO REMAIN IN PLACE. CLEAN AND REPAIR AS REQ'D. PROVIDE NEW PAINT AT MANTEL WHERE PREVIOUSLY PAINTED. PROVIDE NEW STAIN AT MANTEL WHERE PREVIOUSLY STAINED.

FLOORING

L. HISTORIC WOOD FLOORING TO REMAIN. PATCH ALL DAMAGED, DETERIORATED, OR MISSING BOARDS. REFINISH. SEE FINISH SCHEDULE ON A0.2 FOR ADDITIONAL INFO.
M. EXISTING HISTORIC MOSAIC TILE FLOORS TO REMAIN IN PLACE. REPAIR AS REQ'D. SEE FINISH SCHEDULE ON A0.2.
N. EXISTING WOOD FLOORING TO BE CONCEALED BY NEW FINISH FLOORING AS INDICATED ON FINISH SCHEDULE. SEE A0.2 FOR ADDITIONAL INFO.
O. REMOVE EXISTING HISTORIC METAL FLOOR GRATE AND SALVAGE FOR REINSTALLATION AT EXISTING LOCATION ABOVE NEW FLOOR INFILL. GRATE SHALL BE FLUSH WITH NEW FLOORING.
P. CONTEMPORARY VINYL FLOORING AND LUAN SUBSTRATE TO BE CAREFULLY REMOVED TO EXPOSE EXISTING HISTORIC WOOD FLOORING. PATCH ALL DAMAGED, DETERIORATED, OR MISSING BOARDS. REFINISH. SEE FINISH SCHEDULE ON A0.2 FOR ADDITIONAL INFO.

Q. EXISTING HISTORIC STAIR, NEWEL POSTS, NEWEL POST CAPS, BALUSTRADES, AND HANDRAILS (WHERE OCCURS) TO REMAIN. REPAIR OR REPLACE DAMAGED / DETERIORATED / MISSING STAIR COMPONENTS TO MATCH EXIST. PAINT.
R. EXISTING HISTORIC SKYLIGHT TO REMAIN. REPAIR AND REGLAZE AS REQUIRED. SEE STRUCTURAL DWGS. HISTORIC WOOD BEADBOARD SURROUND TO REMAIN. REPAIR AS REQ'D - PAINT.
S. HISTORIC WOOD BEADBOARD SURROUND AT ABANDONED, INFILLED, SKYLIGHT TO REMAIN. REMOVE, SALVAGE, AND REINSTALL OR REPLICATE HISTORIC BEADBOARD SURROUND AS REQ'D TO FIRE-RATE SURROUNDING BEAMS. PAINT.

WINDOWS*

- ***COMBINE LETTERS IN "WINDOW" CATEGORY WITH NUMBERS OF "WINDOW TRIM" CATEGORY**

T. REMOVE NON-HISTORIC WINDOW. HISTORIC WOOD WEIGHT BOX AND BRICK MOULD TO REMAIN. INSTALL NEW WINDOW WITHIN WEIGHT BOX. REPLACE DETERIORATED HISTORIC WOOD BRICK MOULD TO MATCH HISTORIC PROFILE IF REQUIRED. PAINT.
U. PROVIDE NEW CUSTOM WOOD WINDOW AND BRICKMOULD TO MATCH EXISTING ADJACENT HISTORIC WINDOW. INSTALLATION TO MATCH HISTORIC INSTALLATION - PAINT.
V. REMOVE NON-HISTORIC WINDOW OR INFILL (WHERE OCCURS) BACK TO HISTORIC ROUGH MASONRY OPENING, INCLUDING BLOCKING, WEIGHT BOXES, AND BRICK MOULD (WHERE PRESENT). INFILL PER NEW WORK PLANS. EXISTING EXTERIOR HEADER AND SILL TO REMAIN. REFER TO NEW WORK PLANS.
W. EXISTING HISTORIC WOOD WINDOW AND ALL ASSOCIATED WINDOW COMPONENTS TO REMAIN. REPAIR TO AN OPERABLE CONDITION - PAINT. INSTALL NEW EXTERIOR STORM WINDOW (WHERE APPLICABLE).
X. NOT USED

WINDOW TRIM

REFER TO NOTES BELOW FOR TREATMENT OF INTERIOR WINDOW TRIM:

1. EXISTING HISTORIC INTERIOR WOOD WINDOW TRIM TO REMAIN IN PLACE. REPAIR TO MATCH EXISTING WHERE DAMAGED OR DETERIORATED. PAINT.
2. REMOVE AND SALVAGE HISTORIC INTERIOR WOOD WINDOW TRIM FOR REINSTALLATION. REPAIR TO MATCH EXISTING WHERE DAMAGED OR DETERIORATED. PROVIDE WOOD JAMB AND SILL EXTENDERS WHERE REQUIRED AT NEWLY FURRED WALLS. PRIME AND PAINT.
3. PROVIDE NEW WOOD WINDOW TRIM TO MATCH ADJACENT HISTORIC WINDOW TRIM. PRIME / PAINT.
4. WHERE NO EXISTING INTERIOR WINDOW TRIM IS PRESENT AT HISTORIC WINDOW OPENING, PROVIDE NEW CONTEMPORARY WOOD WINDOW TRIM. PRIME AND PAINT. SEE TYPICAL TRIM ON SHEET A0.5.

INTERIOR DOORS

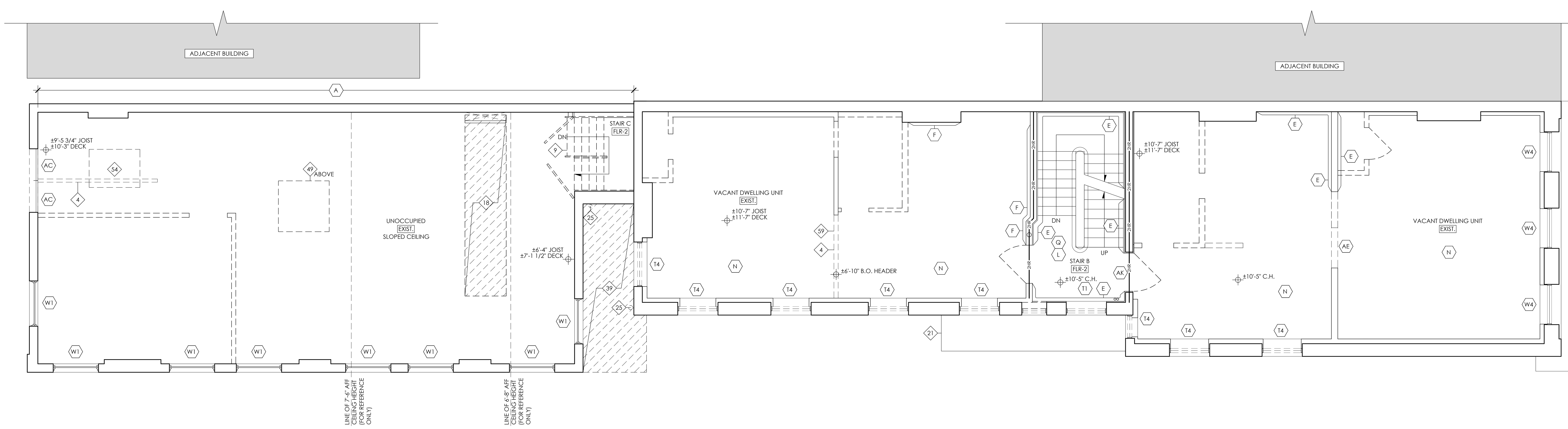
Y. EXISTING HISTORIC METAL DOOR AND FRAME TO REMAIN. REPAIR AND PAINT COMPONENTS PREVIOUSLY PAINTED.
Z. EXISTING HISTORIC SLIDING METAL DOOR AND TRACK. REMOVE AND REINSTALL IN FIXED OPEN POSITION. NEW FIRE RATED DOOR AND FRAME TO BE INSTALLED.
AA. EXISTING HISTORIC SLIDING METAL DOOR AND TRACK TO REMAIN. DOOR IS TO BE FIXED IN THE CLOSED POSITION. HISTORIC OPENING TO BE INFILLED.
AB. EXISTING HISTORIC METAL DOOR AND FRAME TO BE REMOVED. INSTALL NEW FIRE RATED DOOR AND FRAME IN EXISTING OPENING.
AC. EXISTING HISTORIC WOOD DOOR, FRAME, AND TRIM TO REMAIN. REPAIR AND PAINT.
AD. EXISTING HISTORIC WOOD DOOR AND FRAME TO REMAIN AND BE FIXED IN CLOSED POSITION. HISTORIC TRIM TO REMAIN ON EXPOSED SIDE ONLY. REFER TO NEW WORK PLANS. REPAIR, PRIME, AND PAINT.
AE. EXISTING HISTORIC WOOD DOOR OR CASED OPENING TRIM TO REMAIN. REPAIR, PRIME, AND PAINT.
AF. REMOVE HISTORIC DOOR AND FRAME. HISTORIC TRIM TO BE SALVAGED AND REINSTALLED IF WALL REMAINS AND APPLICABLE. REPAIR AND PAINT.
AG. HISTORIC WOOD DOOR TRIM TO REMAIN. SALVAGE AND REINSTALL AT NEW DOOR FRAME. REPAIR AND PAINT.
AH. REMOVE EXISTING DOOR. EXISTING FRAME AND TRIM TO REMAIN. REPAIR, PRIME, AND PAINT.
AI. NOT USED
AJ. NOT USED.
AK. REMOVE EXISTING DOOR. EXISTING HISTORIC WOOD FRAME AND TRANSOM TO REMAIN. REPAIR AND PAINT. PROVIDE NEW GLAZING OR PLYWOOD PANEL AT EXISTING TRANSOM AS INDICATED ON DOOR SCHEDULE. HISTORIC TRIM TO REMAIN AT STAIR SIDE ONLY. SALVAGE HISTORIC TRIM FROM UNIT SIDE FOR REINSTALLATION OVER NEW FIRE RATED FRAME, IF REQUIRED.

EXTERIOR

AL. HISTORIC STOREFRONT ELEMENTS TO REMAIN. ALL CAST IRON AND / OR STONE ELEMENTS ARE TO REMAIN IN PLACE AND BE STABILIZED. REMOVE ALL NON-HISTORIC STOREFRONT INFILL. PROVIDE TEMPORARY BRACING AND SHORING AS REQ'D. EXERCISE CAUTION SO AS NOT TO DAMAGE HISTORIC ELEMENTS. NOTIFY ARCHITECT/ENGINEER OF RECORD FOLLOWING REMOVAL FOR INSPECTION.
AM. EXISTING CAST IRON CURB TO REMAIN. REPAIR AS REQ'D.
AN. HISTORIC STONE AND METAL ROOF CORNICE/BANDING, BRACKETS, AND MOULDING TO REMAIN. REPAIR DETERIORATED ELEMENTS TO MATCH EXISTING. PAINT IF PREVIOUSLY PAINTED.
AO. EXISTING HISTORIC WOOD TRANSOM BAR AND WOOD BRICK MOULD TO REMAIN - REPAIR AND PAINT. EXISTING NON-HISTORIC ENTRY DOOR AND WOOD FRAMED TRANSOM INFILL TO BE REMOVED. PROVIDE NEW ALUMINUM CLAD WOOD DOOR, SIDE PANEL, AND TRANSOM WINDOW.
AP. HISTORIC WOOD SHUTTERS TO BE REMOVED AND SALVAGED FOR REINSTALLATION IN THE FIXED POSITION. REPAIR AND PAINT. REMOVE EXISTING INTERIOR FRAMING AT OPENING AND PREP FOR NEW INFILL PER NEW WORK PLANS. INTERIOR TRIM TO BE REMOVED AND SALVAGED FOR REINSTALLATION. REPAIR AND PAINT.
AQ. HISTORIC BOX GUTTER TO REMAIN. REPAIR ALL DETERIORATED ELEMENTS. PAINT. PROVIDE NEW ROOF MEMBRANE LINER AND SLOPE TO DRAIN TO NEW OR EXISTING DOWNSPOUT LOCATION.
AR. HISTORIC WOOD BRICK MOULD TO REMAIN - REMOVE EXIST. INFILL. PROVIDE NEW ALUMINUM CLAD WOOD DOORS AND TRANSOM WINDOW.
AS. HISTORIC WOOD TRANSOM, BRICK MOULD, AND INTERIOR WOOD TRIM TO REMAIN - REPAIR AND PAINT. INSTALL NEW ALUMINUM CLAD WOOD DOOR.

(#) DEMOLITION PLAN KEYNOTES

1. EXISTING CONCRETE SLAB TO REMAIN.
2. REMOVE EXISTING CONCRETE SIDEWALK PER DOTE STANDARDS. SEE CIVIL DRAWINGS.
2A. REMOVE EXISTING CONCRETE WALKWAY. SEE CIVIL DRAWINGS.
3. EXISTING CAST IRON OR STEEL COLUMN TO REMAIN.
4. LINE OF EXISTING STRUCTURE ABOVE TO REMAIN (BEAM, HEADER, ROOF OVERHANG, ETC.). IF BEAM IS CONCEALED - REMOVE PLASTER OR DRYWALL ENCLOSURE AT BEAM.
5. LINE OF EXISTING BRICK/STONE ARCHES ABOVE TO REMAIN.
6. REMOVE EXISTING SLAB ON GRADE. PREP FOR NEW SLAB AND WATERPROOFING.
7. LOCATION OF EXISTING BASEMENT WINDOW WELL.
8. EXISTING WOOD FRAMED STAIRS TO REMAIN. MODIFY BOTTOM RISER(S) AS REQ'D IF LOCATED AT NEW BASEMENT SLAB.
9. REMOVE EXISTING WOOD STAIRS IN ITS ENTIRETY.
10. LOCATION OF EXISTING ELECTRIC EQUIPMENT. SEE MEP DRAWINGS.
11. LOCATION OF EXISTING GAS SERVICE. SEE MEP DRAWINGS.
12. LOCATION OF EXISTING WATER OR FIRE SERVICE. SEE MEP & FP DRAWINGS.
13. EXISTING SPACE UNDER SIDEWALK/R.O.W.
14. REMOVE EXISTING INFILL @ FOUNDATION WALL OPENING. CONTACT ARCHITECT WHEN AREA IS ACCESSIBLE FOR INVESTIGATION.
15. REMOVE EXISTING STRUCTURE. PROVIDE TEMPORARY SHORING. SEE STRUCTURAL DRAWINGS.
16. REMOVE STONE SILL AS REQUIRED FOR CONSTRUCTION OF NEW HANDICAP ACCESSIBLE ENTRANCE. SEE NEW WORK PLANS AND STRUCTURAL DRAWINGS.
17. REMOVE AREA OF CONCRETE SLAB OR WOOD FLOOR FRAMING AS REQUIRED FOR CONSTRUCTION OF NEW HANDICAP ACCESSIBLE ENTRANCE. SEE NEW WORK PLANS AND STRUCTURAL DRAWINGS.
18. REMOVE AREA OF FLOOR FRAMING AS REQUIRED FOR NEW WORK. SEE NEW WORK PLANS AND STRUCTURAL DRAWINGS. PROVIDE TEMPORARY BRACING OR SHORING AS REQUIRED.
19. NEW MASONRY OPENING. SEE NEW WORK PLANS AND STRUCTURAL DRAWINGS. PROVIDE TEMPORARY BRACING OR SHORING AS REQUIRED.
20. LINE OF EXISTING BAY WINDOW ABOVE. REMOVE UNDERSIDE OF BAY ENOUGH FOR ARCHITECT AND STRUCTURAL ENGINEER TO INSPECT FLOOR STRUCTURE.
21. EXISTING FIRE ESCAPE TO REMAIN. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FIRE ESCAPE EXAMINATION INSPECTION AND REPAIRS PER CITY OF CINCINNATI. CLEAN AND PAINT.
22. REMOVE PORTION OF EXISTING FIRE ESCAPE AT 4TH FLOOR THAT CONNECTS TO THE ADJACENT BUILDING'S EXISTING FIRE ESCAPE. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FIRE ESCAPE EXAMINATION, INSPECTION, AND REPAIRS PER CITY OF CINCINNATI. CLEAN AND PAINT.
23. MODIFY EXIST. FIRE ESCAPE LADDER AS REQUIRED TO ACCOMMODATE NEW SLAB HEIGHT. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FIRE ESCAPE EXAMINATION INSPECTION AND REPAIRS PER CITY OF CINCINNATI. CLEAN AND PAINT.
24. EXISTING STONE ENTRY STEP(S) TO REMAIN.
25. REMOVE EXISTING DOWNSPOUT.
26. REMOVE EXISTING HUNG GUTTER AND ALL ANCHORS.
27. REMOVE EXISTING CONCRETE STEP(S).
28. REMOVE EXISTING GLASS BLOCK AND INFILL IN HISTORIC MASONRY OPENING. EXERCISE CAUTION SO AS NOT TO DAMAGE ADJACENT HISTORIC MASONRY.
29. REMOVE EXISTING WALL FURRING. EXERCISE CAUTION SO AS NOT TO DAMAGE HISTORIC PLASTER AND TRIM BEHIND FURRING. EXISTING PLASTER, BASEBOARD AND WINDOW TRIM BEHIND FURRING TO REMAIN. CONTACT ARCHITECT WHEN FURRING HAS BEEN REMOVED FOR INSPECTION.
30. EXISTING INTERCOM BOX TO BE REMOVED.
31. EXISTING CONDENSING UNIT, METAL SURROUND AND ASSOCIATED ANCHORS AND ATTACHMENTS (WHERE OCCURS) TO BE REMOVED.
32. EXISTING WOOD FRAMED STORAGE COMPARTMENT TO REMOVED.
33. EXISTING STEEL FRAME AND GATE TO BE REMOVED.
34. EXISTING BOLLARD TO BE REMOVED IN ITS ENTIRETY.
35. EXISTING CONCRETE RAMP AT ADJACENT BUILDING TO REMAIN. PROTECT DURING ALL PHASES OF CONSTRUCTION. GENERAL CONTRACTOR SHALL COORDINATE WORK IN SHARED PASSAGEWAY WITH ADJACENT PROPERTY OWNER.
36. EXISTING GATE AND FENCE TO BE REMOVED. CONTRACTOR CAN SALVAGE FOR REUSE IF ECONOMICAL. REFER TO NEW WORK PLANS.
37. EXISTING FLOOR DRAIN TO REMAIN. CONTRACTOR TO VERIFY IF DRAIN IS IN WORKING CONDITION. SEE PLUMBING DRAWINGS.
38. EXISTING SURFACE-MOUNTED MAILBOXES TO BE REMOVED. EXERCISE CAUTION SO NOT TO DAMAGE HISTORIC BEADBOARD OR PLASTER. REFER TO NEW WORK PLANS.
39. EXISTING 1-STORY ADDITION TO BE DEMOLISHED. REMOVE EXISTING SLAB ON GRADE (ASSUMED - VIF). SEE NEW WORK PLAN AND STRUCTURAL DRAWINGS.
40. NEW DOOR OPENING AT LOCATION OF EXISTING WINDOW OPENING. REMOVE EXISTING MASONRY INFILL, REMOVE SILL AND PORTIONS OF MASONRY WALL BELOW SILL AS REQUIRED TO INSTALL NEW DOOR, FRAME, AND TRANSOM. MASONRY OPENING WILL NEED ENLARGED AS SHOWN - PROVIDE TEMPORARY BRACING OR SHORING AS REQ'D. SEE STRUCTURAL DWGS FOR LINTEL. COORDINATE WITH NEW WORK PLANS FOR REQ'D DIMENSIONS.
41. LOCATION OF EXISTING ROOF HATCH. REFER TO NEW WORK PLANS.
42. EXISTING METAL OR STONE CHIMNEY CAPS. REPLACE IF CAP IF DETERIORATED OR MISSING.
43. REMOVE AND REPLACE DETERIORATED WOOD RAKE BOARDS. REFER TO NEW WORK PLANS AND ELEVATIONS.
44. EXISTING BRICK SITE PARTY WALL TO REMAIN. REMOVE DAMAGED METAL COPING. REFER TO NEW WORK PLANS.
45. EXISTING BATT INSULATION AT ATTIC FLOOR AND CEILING TO BE REMOVED.
46. REMOVE EXISTING STOOP CONSTRUCTION AS REQUIRED TO ACCOMMODATE NEW WORK.
47. ARCHITECT WAS NOT ABLE TO ACCESS THIS AREA. CONTACT ARCHITECT WHEN ACCESSIBLE.
48. EXISTING BRICK PARAPET WALL WITH TERRA COTTA COPING TO REMAIN. REFER TO GENERAL NOTES FOR MASONRY CLEANING AND RESTORATION. SEE ROOF NEW WORK PLANS FOR COPING REPAIRS.
49. CUT NEW OR ENLARGED OPENING IN EXISTING ROOF OR ATTIC STRUCTURE FOR NEW ROOF HATCH. SEE NEW WORK PLANS AND STRUCTURAL DWGS.
50. CONTRACTOR TO SALVAGE EXIST. BATH TUB FOR REUSE IF IN GOOD CONDITION. REMOVE EXIST. TUB SURROUND. REFER TO NEW WORK AND PLUMBING PLANS. ENSURE TUB AT FIRE-RATED WALL DOES NOT INTERRUPT RATING.
51. REMOVE NON-HISTORIC DOOR, FRAME, LINTEL, AND SILL. PREPARE OPENING FOR MASONRY INFILL PER NEW WORK PLANS.
52. LINE INDICATES SLOPED UNDERSIDE OF EXISTING HISTORIC STAIR ABOVE. REMOVE FINISHES AND PREP FOR NEW GYP. BOARD AND FIRE RATING WHERE NOTED ON NEW WORK PLANS.
53. REMOVE HISTORIC WOOD BEADBOARD AT CEILING.
54. REMOVE FLOOR HATCH. PREP FLOOR OPENING FOR INFILL. REFER TO NEW WORK PLANS AND STRUCTURAL DWGS.
55. LOCATION OF INTERNAL ROOF DRAIN LEADER. CONTRACTOR TO VERIFY CONDITION OF LEADER AND STORM CONNECTION. SCOPE EXISTING BELOW-GRADE STORM LINES. REFER TO NEW WORK PLANS AND PLUMBING DWGS.
56. EXISTING STEEL/WOOD JOIST END REINFORCEMENT BEAMS AND POSTS. SEE STRUCTURAL DRAWINGS.
57. EXISTING POST TO REMAIN. SEE STRUCTURAL DRAWINGS.
58. EXISTING CAST IRON CURB TO REMAIN OR BE REPLACED IF DETERIORATED BEYOND REPAIR. SEE EXTERIOR ELEVATIONS AND STRUCTURAL DWGS.
59. RAISE EXISTING HEADER AT EXISTING OPENING. REFER TO NEW WORK PLANS.
60. REMOVE EXISTING SLAB ON DECK. REFER TO STRUCTURAL DWGS.
61. REMOVE PORTION OF SLAB AND EXCAVATE AS REQUIRED FOR NEW FOOTINGS. SHOWN FOR REFERENCE. SEE STRUCTURAL DRAWINGS AND NEW WORK PLAN.



1 / A2.2 SECONDARY: SECOND FLOOR DEMOLITION PLAN

1/4" = 1'-0"

N

0 2 4 8 16

NOT FOR CONSTRUCTION

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ISSUE LOG:
06.02.2023 ISSUE FOR PERMIT
△1 07.14.2023 PERMIT REVISION 1
09.21.2023 OHFA PRELIM. SUBMISSION

SECOND FLOOR DEMOLITION PLAN

A2.2

PRELIMINARY: NOT FOR CONSTRUCTION

DEMOLITION PLAN GRAPHIC KEY

- EXISTING CONSTRUCTION TO BE REMOVED
- EXISTING MASONRY WALL CONSTRUCTION TO BE REMOVED
- EXISTING CONSTRUCTION TO REMAIN
- REMOVE GYPSUM BOARD, PLASTER, AND/OR LATH FROM INDICATED SIDE OF FRAMED WALL. REFER TO NEW WORK PLANS FOR FIRE RESISTANCE IMPROVEMENTS.
- EXISTING LOAD-BEARING MASONRY / CONCRETE WALL TO REMAIN
- EXISTING STRUCTURE ABOVE TO REMAIN (SEE KEYNOTES ON PLAN)
- EXISTING STRUCTURE ABOVE TO REMAIN (SEE KEYNOTES ON PLAN)
- AREA OF EXISTING FLOOR / ROOF STRUCTURE TO BE REMOVED
- 1HR — EXISTING 1-HR FIRE-RATED WALL
- 2HR — EXISTING 2-HR FIRE-RATED WALL
- EXISTING DOOR AND FRAME TO REMAIN
- EXISTING DOOR/DOOR AND FRAME TO BE REMOVED (SEE HISTORIC NOTES)

DEMOLITION PLAN GENERAL NOTES

1. ALL DASHED ELEMENTS TO BE REMOVED, U.N.O. CONSULT ARCH. IF INTENT IS UNCLEAR.
2. ALL LOAD-BEARING WALLS, COLUMNS, BEAMS, AND STRUCTURAL ELEMENTS TO REMAIN, U.N.O. WHERE EXISTING STRUCTURE IS NOTED TO BE REMOVED, SHORE AND BRACE EXISTING BUILDING AS REQUIRED.
3. WHERE EXISTING STUD FRAMED WALLS ARE INDICATED TO REMAIN, REMOVE GYP. BOARD AND OTHER NON-HISTORIC WALL FINISHES, FASTENERS, INSULATION, ETC. DOWN TO STUDS. REMOVE BASEBOARD. PREP FOR NEW WORK.
4. COORDINATE ANY NEW MASONRY OPENINGS WITH NEW WORK PLANS. TOOTH OUT BRICK AT JAMBS AND SALVAGE SUFFICIENT BRICK FOR KEYING IN AT JAMBS. REFER TO STRUCTURAL DWGS.
5. REFER TO "*DEMOLITION ELEVATION GENERAL NOTES*" ON THE A5.0 SHEET SERIES OF EXTERIOR ELEVATIONS FOR TREATMENT OF HISTORIC MASONRY.
6. HISTORIC STONE LINTELS AND SILLS ARE TO REMAIN. REMOVE ALL CRACKED LINTELS IN PREPARATION FOR NEW CAST STONE LINTEL TO MATCH EXISTING. REFER TO DEMOLITION AND NEW WORK ELEVATIONS AND STRUCTURAL DRAWINGS. CONTRACTOR IS TO INSPECT ALL INTERIOR WOOD LINTELS AND NOTIFY ARCHITECT/STRUCTURAL ENGINEER OF DETERIORATION.
7. CONTRACTOR SHALL EVALUATE CONDITION OF ALL EXISTING PLASTER SURFACES AND REMOVE ALL LOOSE PLASTER FROM ALL SURFACES NOT OTHERWISE SCHEDULED FOR DEMOLITION. STABLE PLASTER IS TO REMAIN UNLESS NOTED OTHERWISE. EXERCISE CARE SO AS NOT TO DAMAGE STABLE PLASTER ADJACENT TO LOOSE PLASTER AND SO NOT TO DAMAGE SUBSTRATE OR STRUCTURE BEYOND.
8. REMOVE ALL TEMPORARY BARRICADES FROM DOORS, WINDOWS, STOREFRONTS.
9. REMOVE ALL IVY AND ANY SIMILAR PLANT GROWTH FROM EXISTING BRICK AND STONE.
10. ALL CHIMNEYS & ASSOCIATED ELEMENTS ARE TO REMAIN, U.N.O. VERIFY STRUCTURAL INTEGRITY IN FIELD - SEE NOTES ON STRUCTURAL DWGS.
11. REMOVE ALL EXISTING NON-HISTORIC VINYL, CARPET AND TILE FLOORING INCLUDING ANY ADHESIVES, FASTENERS, OR UNDERLAYMENTS DOWN TO ORIGINAL WOOD FINISH FLOOR OR SUBFLOOR, U.N.O.
12. REMOVE ALL GYPSUM BOARD, PLASTER AND LATH, AND/OR SUSPENDED CEILINGS TO EXPOSE FLOOR JOISTS / ROOF RAFTERS AND PERMIT INSTALLATION OF CONCEALED MECHANICAL, ELECTRICAL, AND PLUMBING SYSTEMS. U.N.O. CONTACT ARCHITECT AND STRUCTURAL ENGINEER TO ALLOW FOR INSPECTION OF EXISTING FRAMING. EXISTING PLASTER AT UNDERSIDE OF STAIR CAN REMAIN IF IN GOOD / STABLE CONDITION.
13. REMOVE ALL EXISTING CABINETRY, COUNTERTOPS, AND KITCHEN APPLIANCES.
14. REMOVE ALL EXISTING BATHROOM AND KITCHEN FIXTURES, U.N.O.
15. COORDINATE WITH MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS AND REMOVE ALL EXISTING EQUIPMENT, FIXTURES, DUCTS, PIPES, WIRES, ETC. EXTRANEOUS TO THE NEW BUILDING SYSTEMS. CAP AND TERMINATE AS REQ'D BY APPLICABLE CODES AND UTILITY PROVIDERS.
16. NEW OPENINGS FOR M.E.P. SYSTEMS ARE NOT SHOW. TRENCHING OF CONCRETE FLOOR SLAB AND DEMO WORK FOR PLUMBING AND UTILITIES IS NOT SHOWN. CONTRACTOR TO COORDINATE THIS WORK WITH M.E.P. DRAWINGS.
17. REMOVE ALL LAYERS OF EXISTING ROOFING (AND INSULATION WHERE OCCURS) DOWN TO EXISTING ROOF SHEATHING. REMOVE ALL DAMAGED AND DETERIORATED ROOF SHEATHING IN PREPARATION FOR NEW ROOF SHEATHING. REMOVE ALL ROOF FASTENERS, FLASHING, TERMINATION BARS, ETC. TO PREPARE FOR NEW ROOF. SEQUENCE THIS WORK WITH NEW ROOF INSTALLATION SO AS TO PROTECT BUILDING FROM THE ELEMENTS AT ALL TIMES.

(X) HISTORIC KEYNOTES

- REFER TO DOOR AND WINDOW TAGS ON NEW WORK PLANS AND TO DOOR AND WINDOW SCHEDULES ON SHEETS A0.4 AND A0.5 FOR DETAILED SCOPE OF WORK AT HISTORIC DOOR AND WINDOW OPENINGS.
- IF NOTE OCCURS AT CENTER OF ROOM, NOTE APPLIES TO ALL WALLS, U.N.O.

A. BRICK TO REMAIN EXPOSED WHERE NO PLASTER IS PRESENT. PROVIDE MASONRY CONSOLIDATOR. PRIME AND PAINT WHERE PREVIOUSLY PAINTED.

CEILINGS

B. REMOVE AND SALVAGE HISTORIC METAL STAMPED CEILING PANELS AND CROWN MOULDING FOR REINSTALLATION OVER FIRE-RATED CEILING. SEE NEW WORK PLANS FOR LOCATION OF REINSTALLED CEILING.
C. NOT USED
D. NOT USED

INTERIOR TRIM

E. EXISTING HISTORIC WOOD BASEBOARD TO REMAIN IN PLACE. REPAIR TO MATCH EXISTING WHERE DAMAGED OR DETERIORATED AND PAINT.
F. REMOVE AND SALVAGE EXISTING HISTORIC WOOD BASEBOARD FOR REINSTALLATION WHERE WALL IS TO BE FURRED OUT FOR THERMAL INSULATION OR WHERE PLASTER IS TO BE REMOVED TO IMPROVE FIRE RESISTANCE RATING (SEE WALL TYPES AND NEW WORK PLANS FOR ADDITIONAL INFORMATION). REINSTALL SALVAGED HISTORIC BASEBOARD OVER NEW GYPSUM BOARD. REPAIR, PRIME AND PAINT.
G. REMOVE EXISTING HISTORIC BASEBOARD REMNANTS.
H. HISTORIC WOOD BEADBOARD WAINSCOT AND CHAIR RAIL TO REMAIN - REPAIR AND PAINT. WHERE DETERIORATED OR MISSING PROVIDE NEW TO MATCH - PAINT.
I. REMOVE EXISTING HISTORIC WOOD BEADBOARD WAINSCOT AND CHAIR RAIL. SALVAGE FOR RELOCATION. INSTALL AT STAIRHALL WALLS NOW EXPOSED BY SHAFT WALL DEMOLITION - SEE NEW WORK PLANS. REPAIR, PRIME, PAINT.
J. REMOVE EXISTING HISTORIC CROWN MOULDING REMNANTS.
K. EXISTING HISTORIC MANTEL AND HEARTH (WHERE OCCURS) TO REMAIN IN PLACE. CLEAN AND REPAIR AS REQ'D. PROVIDE NEW PAINT AT MANTEL WHERE PREVIOUSLY PAINTED. PROVIDE NEW STAIN AT MANTEL WHERE PREVIOUSLY STAINED.

FLOORING

L. HISTORIC WOOD FLOORING TO REMAIN. PATCH ALL DAMAGED, DETERIORATED, OR MISSING BOARDS. REFINISH. SEE FINISH SCHEDULE ON A0.2 FOR ADDITIONAL INFO.
M. EXISTING HISTORIC MOSAIC TILE FLOORS TO REMAIN IN PLACE. REPAIR AS REQ'D. SEE FINISH SCHEDULE ON A0.2.
N. EXISTING WOOD FLOORING TO BE CONCEALED BY NEW FINISH FLOORING AS INDICATED ON FINISH SCHEDULE. SEE A0.2 FOR ADDITIONAL INFO.
O. REMOVE EXISTING HISTORIC METAL FLOOR GRATE AND SALVAGE FOR REINSTALLATION AT EXISTING LOCATION ABOVE NEW FLOOR INFILL. GRATE SHALL BE FLUSH WITH NEW FLOORING.
P. CONTEMPORARY VINYL FLOORING AND LUAN SUBSTRATE TO BE CAREFULLY REMOVED TO EXPOSE EXISTING HISTORIC WOOD FLOORING. PATCH ALL DAMAGED, DETERIORATED, OR MISSING BOARDS. REFINISH. SEE FINISH SCHEDULE ON A0.2 FOR ADDITIONAL INFO.
Q. EXISTING HISTORIC STAIR, NEWEL POSTS, NEWEL POST CAPS, BALUSTRADES, AND HANDRAILS (WHERE OCCURS) TO REMAIN. REPAIR OR REPLACE DAMAGED / DETERIORATED / MISSING STAIR COMPONENTS TO MATCH EXIST. PAINT.
R. EXISTING HISTORIC SKYLIGHT TO REMAIN. REPAIR AND REGLAZE AS REQUIRED. SEE STRUCTURAL DWGS. HISTORIC WOOD BEADBOARD SURROUND TO REMAIN. REPAIR AS REQ'D - PAINT.
S. HISTORIC WOOD BEADBOARD SURROUND AT ABANDONED, INFILLED, SKYLIGHT TO REMAIN. REMOVE, SALVAGE, AND REINSTALL OR REPLICATE HISTORIC BEADBOARD SURROUND AS REQ'D TO FIRE-RATE SURROUNDING BEAMS. PAINT.

WINDOWS*

- ***COMBINE LETTERS IN "WINDOW" CATEGORY WITH NUMBERS OF "WINDOW TRIM" CATEGORY**

T. REMOVE NON-HISTORIC WINDOW. HISTORIC WOOD WEIGHT BOX AND BRICK MOULD TO REMAIN. INSTALL NEW WINDOW WITHIN WEIGHT BOX. REPLACE DETERIORATED HISTORIC WOOD BRICK MOULD TO MATCH HISTORIC PROFILE IF REQUIRED. PAINT.
U. PROVIDE NEW CUSTOM WOOD WINDOW AND BRICKMOULD TO MATCH EXISTING ADJACENT HISTORIC WINDOW. INSTALLATION TO MATCH HISTORIC INSTALLATION - PAINT.
V. REMOVE NON-HISTORIC WINDOW OR INFILL (WHERE OCCURS) BACK TO HISTORIC ROUGH MASONRY OPENING, INCLUDING BLOCKING, WEIGHT BOXES, AND BRICK MOULD (WHERE PRESENT). INFILL PER NEW WORK PLANS. EXISTING EXTERIOR HEADER AND SILL TO REMAIN. REFER TO NEW WORK PLANS.
W. EXISTING HISTORIC WOOD WINDOW AND ALL ASSOCIATED WINDOW COMPONENTS TO REMAIN. REPAIR TO AN OPERABLE CONDITION - PAINT. INSTALL NEW EXTERIOR STORM WINDOW (WHERE APPLICABLE).
X. NOT USED

WINDOW TRIM

REFER TO NOTES BELOW FOR TREATMENT OF INTERIOR WINDOW TRIM:

1. EXISTING HISTORIC INTERIOR WOOD WINDOW TRIM TO REMAIN IN PLACE. REPAIR TO MATCH EXISTING WHERE DAMAGED OR DETERIORATED. PAINT.
2. REMOVE AND SALVAGE HISTORIC INTERIOR WOOD WINDOW TRIM FOR REINSTALLATION. REPAIR TO MATCH EXISTING WHERE DAMAGED OR DETERIORATED. PROVIDE WOOD JAMB AND SILL EXTENDERS WHERE REQUIRED AT NEWLY FURRED WALLS. PRIME AND PAINT.
3. PROVIDE NEW WOOD WINDOW TRIM TO MATCH ADJACENT HISTORIC WINDOW TRIM. PRIME / PAINT.
4. WHERE NO EXISTING INTERIOR WINDOW TRIM IS PRESENT AT HISTORIC WINDOW OPENING, PROVIDE NEW CONTEMPORARY WOOD WINDOW TRIM. PRIME AND PAINT. SEE TYPICAL TRIM ON SHEET A0.5.

INTERIOR DOORS

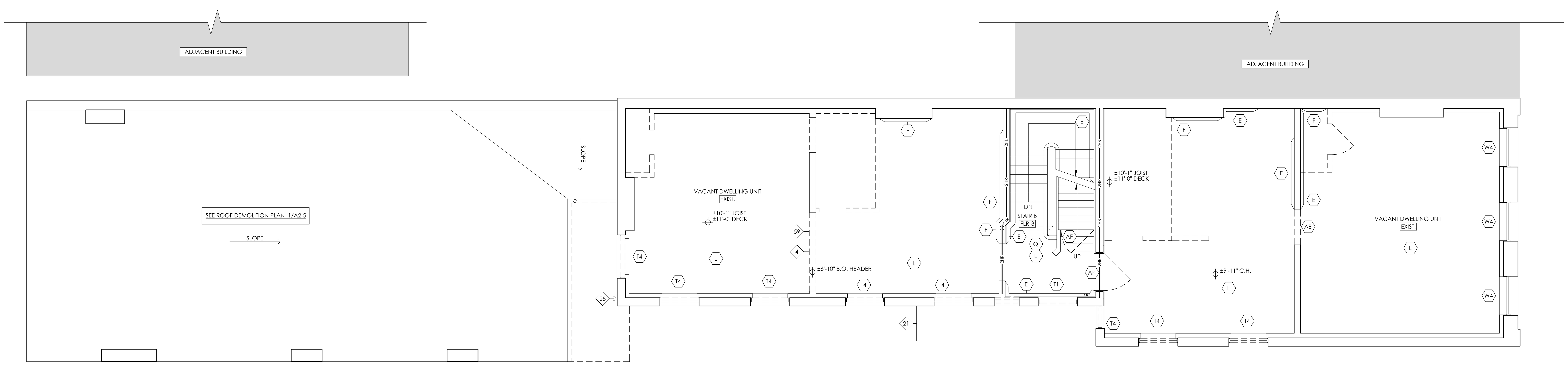
Y. EXISTING HISTORIC METAL DOOR AND FRAME TO REMAIN. REPAIR AND PAINT COMPONENTS PREVIOUSLY PAINTED.
Z. EXISTING HISTORIC SLIDING METAL DOOR AND TRACK. REMOVE AND REINSTALL IN FIXED OPEN POSITION. NEW FIRE RATED DOOR AND FRAME TO BE INSTALLED.
AA. EXISTING HISTORIC SLIDING METAL DOOR AND TRACK TO REMAIN. DOOR IS TO BE FIXED IN THE CLOSED POSITION. HISTORIC OPENING TO BE INFILLED.
AB. EXISTING HISTORIC METAL DOOR AND FRAME TO BE REMOVED. INSTALL NEW FIRE RATED DOOR AND FRAME IN EXISTING OPENING.
AC. EXISTING HISTORIC WOOD DOOR, FRAME, AND TRIM TO REMAIN. REPAIR AND PAINT.
AD. EXISTING HISTORIC WOOD DOOR AND FRAME TO REMAIN AND BE FIXED IN CLOSED POSITION. HISTORIC TRIM TO REMAIN ON EXPOSED SIDE ONLY. REFER TO NEW WORK PLANS. REPAIR, PRIME, AND PAINT.
AE. EXISTING HISTORIC WOOD DOOR OR CASED OPENING TRIM TO REMAIN. REPAIR, PRIME, AND PAINT.
AF. REMOVE HISTORIC DOOR AND FRAME. HISTORIC TRIM TO BE SALVAGED AND REINSTALLED IF WALL REMAINS AND APPLICABLE. REPAIR AND PAINT.
AG. HISTORIC WOOD DOOR TRIM TO REMAIN. SALVAGE AND REINSTALL AT NEW DOOR FRAME. REPAIR AND PAINT.
AH. REMOVE EXISTING DOOR. EXISTING FRAME AND TRIM TO REMAIN. REPAIR, PRIME, AND PAINT.
AI. NOT USED
AJ. NOT USED.
AK. REMOVE EXISTING DOOR. EXISTING HISTORIC WOOD FRAME AND TRANSOM TO REMAIN. REPAIR AND PAINT. PROVIDE NEW GLAZING OR PLYWOOD PANEL AT EXISTING TRANSOM AS INDICATED ON DOOR SCHEDULE. HISTORIC TRIM TO REMAIN AT STAIR SIDE ONLY. SALVAGE HISTORIC TRIM FROM UNIT SIDE FOR REINSTALLATION OVER NEW FIRE RATED FRAME, IF REQUIRED.

EXTERIOR

AL. HISTORIC STOREFRONT ELEMENTS TO REMAIN. ALL CAST IRON AND / OR STONE ELEMENTS ARE TO REMAIN IN PLACE AND BE STABILIZED. REMOVE ALL NON-HISTORIC STOREFRONT INFILL. PROVIDE TEMPORARY BRACING AND SHORING AS REQ'D. EXERCISE CAUTION SO AS NOT TO DAMAGE HISTORIC ELEMENTS. NOTIFY ARCHITECT/ENGINEER OF RECORD FOLLOWING REMOVAL FOR INSPECTION.
AM. EXISTING CAST IRON CURB TO REMAIN. REPAIR AS REQ'D.
AN. HISTORIC STONE AND METAL ROOF CORNICE/BANDING, BRACKETS, AND MOULDING TO REMAIN. REPAIR DETERIORATED ELEMENTS TO MATCH EXISTING. PAINT IF PREVIOUSLY PAINTED.
AO. EXISTING HISTORIC WOOD TRANSOM BAR AND WOOD BRICK MOULD TO REMAIN - REPAIR AND PAINT. EXISTING NON-HISTORIC ENTRY DOOR AND WOOD FRAMED TRANSOM INFILL TO BE REMOVED. PROVIDE NEW ALUMINUM CLAD WOOD DOOR, SIDE PANEL, AND TRANSOM WINDOW.
AP. HISTORIC WOOD SHUTTERS TO BE REMOVED AND SALVAGED FOR REINSTALLATION IN THE FIXED POSITION. REPAIR AND PAINT. REMOVE EXISTING INTERIOR FRAMING AT OPENING AND PREP FOR NEW INFILL PER NEW WORK PLANS. INTERIOR TRIM TO BE REMOVED AND SALVAGED FOR REINSTALLATION. REPAIR AND PAINT.
AQ. HISTORIC BOX GUTTER TO REMAIN. REPAIR ALL DETERIORATED ELEMENTS. PAINT. PROVIDE NEW ROOF MEMBRANE LINER AND SLOPE TO DRAIN TO NEW OR EXISTING DOWNSPOUT LOCATION.
AR. HISTORIC WOOD BRICK MOULD TO REMAIN - REMOVE EXIST. INFILL. PROVIDE NEW ALUMINUM CLAD WOOD DOORS AND TRANSOM WINDOW.
AS. HISTORIC WOOD TRANSOM, BRICK MOULD, AND INTERIOR WOOD TRIM TO REMAIN - REPAIR AND PAINT. INSTALL NEW ALUMINUM CLAD WOOD DOOR.

(#) DEMOLITION PLAN KEYNOTES

1. EXISTING CONCRETE SLAB TO REMAIN.
2. REMOVE EXISTING CONCRETE SIDEWALK PER DOTE STANDARDS. SEE CIVIL DRAWINGS.
2A. REMOVE EXISTING CONCRETE WALKWAY. SEE CIVIL DRAWINGS.
3. EXISTING CAST IRON OR STEEL COLUMN TO REMAIN.
4. LINE OF EXISTING STRUCTURE ABOVE TO REMAIN (BEAM, HEADER, ROOF OVERHANG, ETC.). IF BEAM IS CONCEALED - REMOVE PLASTER OR DRYWALL ENCLOSURE AT BEAM.
5. LINE OF EXISTING BRICK/STONE ARCHES ABOVE TO REMAIN.
6. REMOVE EXISTING SLAB ON GRADE. PREP FOR NEW SLAB AND WATERPROOFING.
7. LOCATION OF EXISTING BASEMENT WINDOW WELL.
8. EXISTING WOOD FRAMED STAIRS TO REMAIN. MODIFY BOTTOM RISER(S) AS REQ'D IF LOCATED AT NEW BASEMENT SLAB.
9. REMOVE EXISTING WOOD STAIRS IN ITS ENTIRETY.
10. LOCATION OF EXISTING ELECTRIC EQUIPMENT. SEE MEP DRAWINGS.
11. LOCATION OF EXISTING GAS SERVICE. SEE MEP DRAWINGS.
12. LOCATION OF EXISTING WATER OR FIRE SERVICE. SEE MEP & FP DRAWINGS.
13. EXISTING SPACE UNDER SIDEWALK/R.O.W.
14. REMOVE EXISTING INFILL @ FOUNDATION WALL OPENING. CONTACT ARCHITECT WHEN AREA IS ACCESSIBLE FOR INVESTIGATION.
15. REMOVE EXISTING STRUCTURE. PROVIDE TEMPORARY SHORING. SEE STRUCTURAL DRAWINGS.
16. REMOVE STONE SILL AS REQUIRED FOR CONSTRUCTION OF NEW HANDICAP ACCESSIBLE ENTRANCE. SEE NEW WORK PLANS AND STRUCTURAL DRAWINGS.
17. REMOVE AREA OF CONCRETE SLAB OR WOOD FLOOR FRAMING AS REQUIRED FOR CONSTRUCTION OF NEW HANDICAP ACCESSIBLE ENTRANCE. SEE NEW WORK PLANS AND STRUCTURAL DRAWINGS.
18. REMOVE AREA OF FLOOR FRAMING AS REQUIRED FOR NEW WORK. SEE NEW WORK PLANS AND STRUCTURAL DRAWINGS. PROVIDE TEMPORARY BRACING OR SHORING AS REQUIRED.
19. NEW MASONRY OPENING. SEE NEW WORK PLANS AND STRUCTURAL DRAWINGS. PROVIDE TEMPORARY BRACING OR SHORING AS REQUIRED.
20. LINE OF EXISTING BAY WINDOW ABOVE. REMOVE UNDERSIDE OF BAY ENOUGH FOR ARCHITECT AND STRUCTURAL ENGINEER TO INSPECT FLOOR STRUCTURE.
21. EXISTING FIRE ESCAPE TO REMAIN. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FIRE ESCAPE EXAMINATION INSPECTION AND REPAIRS PER CITY OF CINCINNATI. CLEAN AND PAINT.
22. REMOVE PORTION OF EXISTING FIRE ESCAPE AT 4TH FLOOR THAT CONNECTS TO THE ADJACENT BUILDING'S EXISTING FIRE ESCAPE. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FIRE ESCAPE EXAMINATION, INSPECTION, AND REPAIRS PER CITY OF CINCINNATI. CLEAN AND PAINT.
23. MODIFY EXIST. FIRE ESCAPE LADDER AS REQUIRED TO ACCOMMODATE NEW SLAB HEIGHT. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FIRE ESCAPE EXAMINATION INSPECTION AND REPAIRS PER CITY OF CINCINNATI. CLEAN AND PAINT.
24. EXISTING STONE ENTRY STEP(S) TO REMAIN.
25. REMOVE EXISTING DOWNSPOUT.
26. REMOVE EXISTING HUNG GUTTER AND ALL ANCHORS.
27. REMOVE EXISTING CONCRETE STEP(S).
28. REMOVE EXISTING GLASS BLOCK AND INFILL IN HISTORIC MASONRY OPENING. EXERCISE CAUTION SO AS NOT TO DAMAGE ADJACENT HISTORIC MASONRY.
29. REMOVE EXISTING WALL FURRING. EXERCISE CAUTION SO AS NOT TO DAMAGE HISTORIC PLASTER AND TRIM BEHIND FURRING. EXISTING PLASTER, BASEBOARD AND WINDOW TRIM BEHIND FURRING TO REMAIN. CONTACT ARCHITECT WHEN FURRING HAS BEEN REMOVED FOR INSPECTION.
30. EXISTING INTERCOM BOX TO BE REMOVED.
31. EXISTING CONDENSING UNIT, METAL SURROUND AND ASSOCIATED ANCHORS AND ATTACHMENTS (WHERE OCCURS) TO BE REMOVED.
32. EXISTING WOOD FRAMED STORAGE COMPARTMENT TO REMOVED.
33. EXISTING STEEL FRAME AND GATE TO BE REMOVED.
34. EXISTING BOLLARD TO BE REMOVED IN ITS ENTIRETY.
35. EXISTING CONCRETE RAMP AT ADJACENT BUILDING TO REMAIN. PROTECT DURING ALL PHASES OF CONSTRUCTION. GENERAL CONTRACTOR SHALL COORDINATE WORK IN SHARED PASSAGEWAY WITH ADJACENT PROPERTY OWNER.
36. EXISTING GATE AND FENCE TO BE REMOVED. CONTRACTOR CAN SALVAGE FOR REUSE IF ECONOMICAL. REFER TO NEW WORK PLANS.
37. EXISTING FLOOR DRAIN TO REMAIN. CONTRACTOR TO VERIFY IF DRAIN IS IN WORKING CONDITION. SEE PLUMBING DRAWINGS.
38. EXISTING SURFACE-MOUNTED MAILBOXES TO BE REMOVED. EXERCISE CAUTION SO NOT TO DAMAGE HISTORIC BEADBOARD OR PLASTER. REFER TO NEW WORK PLANS.
39. EXISTING 1-STORY ADDITION TO BE DEMOLISHED. REMOVE EXISTING SLAB ON GRADE (ASSUMED - VIF). SEE NEW WORK PLAN AND STRUCTURAL DRAWINGS.
40. NEW DOOR OPENING AT LOCATION OF EXISTING WINDOW OPENING. REMOVE EXISTING MASONRY INFILL, REMOVE SILL AND PORTIONS OF MASONRY WALL BELOW SILL AS REQUIRED TO INSTALL NEW DOOR, FRAME, AND TRANSOM. MASONRY OPENING WILL NEED ENLARGED AS SHOWN - PROVIDE TEMPORARY BRACING OR SHORING AS REQ'D. SEE STRUCTURAL DWGS FOR LINTEL. COORDINATE WITH NEW WORK PLANS FOR REQ'D DIMENSIONS.
41. LOCATION OF EXISTING ROOF HATCH. REFER TO NEW WORK PLANS.
42. EXISTING METAL OR STONE CHIMNEY CAPS. REPLACE IF CAP IF DETERIORATED OR MISSING.
43. REMOVE AND REPLACE DETERIORATED WOOD RAKE BOARDS. REFER TO NEW WORK PLANS AND ELEVATIONS.
44. EXISTING BRICK SITE PARTY WALL TO REMAIN. REMOVE DAMAGED METAL COPING. REFER TO NEW WORK PLANS.
45. EXISTING BATT INSULATION AT ATTIC FLOOR AND CEILING TO BE REMOVED.
46. REMOVE EXISTING STOOP CONSTRUCTION AS REQUIRED TO ACCOMMODATE NEW WORK.
47. ARCHITECT WAS NOT ABLE TO ACCESS THIS AREA. CONTACT ARCHITECT WHEN ACCESSIBLE.
48. EXISTING BRICK PARAPET WALL WITH TERRA COTTA COPING TO REMAIN. REFER TO GENERAL NOTES FOR MASONRY CLEANING AND RESTORATION. SEE ROOF NEW WORK PLANS FOR COPING REPAIRS.
49. CUT NEW OR ENLARGED OPENING IN EXISTING ROOF OR ATTIC STRUCTURE FOR NEW ROOF HATCH. SEE NEW WORK PLANS AND STRUCTURAL DWGS.
50. CONTRACTOR TO SALVAGE EXIST. BATH TUB FOR REUSE IF IN GOOD CONDITION. REMOVE EXIST. TUB SURROUND. REFER TO NEW WORK AND PLUMBING PLANS. ENSURE TUB AT FIRE-RATED WALL DOES NOT INTERRUPT RATING.
51. REMOVE NON-HISTORIC DOOR, FRAME, LINTEL, AND SILL. PREPARE OPENING FOR MASONRY INFILL PER NEW WORK PLANS.
52. LINE INDICATES SLOPED UNDERSIDE OF EXISTING HISTORIC STAIR ABOVE. REMOVE FINISHES AND PREP FOR NEW GYP. BOARD AND FIRE RATING WHERE NOTED ON NEW WORK PLANS.
53. REMOVE HISTORIC WOOD BEADBOARD AT CEILING.
54. REMOVE FLOOR HATCH. PREP FLOOR OPENING FOR INFILL. REFER TO NEW WORK PLANS AND STRUCTURAL DWGS.
55. LOCATION OF INTERNAL ROOF DRAIN LEADER. CONTRACTOR TO VERIFY CONDITION OF LEADER AND STORM CONNECTION, SCOPE EXISTING BELOW-GRADE STORM LINES. REFER TO NEW WORK PLANS AND PLUMBING DWGS.
56. EXISTING STEEL/WOOD JOIST END REINFORCEMENT BEAMS AND POSTS. SEE STRUCTURAL DRAWINGS.
57. EXISTING POST TO REMAIN. SEE STRUCTURAL DRAWINGS.
58. EXISTING CAST IRON CURB TO REMAIN OR BE REPLACED IF DETERIORATED BEYOND REPAIR. SEE EXTERIOR ELEVATIONS AND STRUCTURAL DWGS.
59. RAISE EXISTING HEADER AT EXISTING OPENING. REFER TO NEW WORK PLANS.
60. REMOVE EXISTING SLAB ON DECK. REFER TO STRUCTURAL DWGS.
61. REMOVE PORTION OF SLAB AND EXCAVATE AS REQUIRED FOR NEW FOOTINGS. SHOWN FOR REFERENCE. SEE STRUCTURAL DRAWINGS AND NEW WORK PLAN.



1 / A2.3 THIRD FLOOR DEMOLITION PLAN

1/4" = 1'-0"

N

0 2 4 8 16

NOT FOR CONSTRUCTION

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ISSUE LOG:

06.02.2023
ISSUE FOR PERMIT

⚠1 07.14.2023
PERMIT REVISION 1

09.21.2023
OHFA PRELIM. SUBMISSION

THIRD FLOOR
DEMOLITION PLAN

A2.3

**PRELIMINARY:
NOT FOR CONSTRUCTION**

DEMOLITION PLAN GRAPHIC KEY

- EXISTING CONSTRUCTION TO BE REMOVED
- EXISTING MASONRY WALL CONSTRUCTION TO BE REMOVED
- EXISTING CONSTRUCTION TO REMAIN
- REMOVE GYPSUM BOARD, PLASTER, AND/OR LATH FROM INDICATED SIDE OF FRAMED WALL. REFER TO NEW WORK PLANS FOR FIRE RESISTANCE IMPROVEMENTS.
- EXISTING LOAD-BEARING MASONRY / CONCRETE WALL TO REMAIN
- EXISTING STRUCTURE ABOVE TO REMAIN (SEE KEYNOTES ON PLAN)
- EXISTING STRUCTURE ABOVE TO REMAIN (SEE KEYNOTES ON PLAN)
- AREA OF EXISTING FLOOR / ROOF STRUCTURE TO BE REMOVED
- 1HR — EXISTING 1-HR FIRE-RATED WALL
- 2HR — EXISTING 2-HR FIRE-RATED WALL
- EXISTING DOOR AND FRAME TO REMAIN
- EXISTING DOOR/DOOR AND FRAME TO BE REMOVED (SEE HISTORIC NOTES)

DEMOLITION PLAN GENERAL NOTES

1. ALL DASHED ELEMENTS TO BE REMOVED, U.N.O. CONSULT ARCH. IF INTENT IS UNCLEAR.
2. ALL LOAD-BEARING WALLS, COLUMNS, BEAMS, AND STRUCTURAL ELEMENTS TO REMAIN, U.N.O. WHERE EXISTING STRUCTURE IS NOTED TO BE REMOVED, SHORE AND BRACE EXISTING BUILDING AS REQUIRED.
3. WHERE EXISTING STUD FRAMED WALLS ARE INDICATED TO REMAIN, REMOVE GYP. BOARD AND OTHER NON-HISTORIC WALL FINISHES, FASTENERS, INSULATION, ETC. DOWN TO STUDS. REMOVE BASEBOARD. PREP FOR NEW WORK.
4. COORDINATE ANY NEW MASONRY OPENINGS WITH NEW WORK PLANS. TOOTH OUT BRICK AT JAMBS AND SALVAGE SUFFICIENT BRICK FOR KEYING IN AT JAMBS. REFER TO STRUCTURAL DWGS.
5. REFER TO "*DEMOLITION ELEVATION GENERAL NOTES*" ON THE A5.0 SHEET SERIES OF EXTERIOR ELEVATIONS FOR TREATMENT OF HISTORIC MASONRY.
6. HISTORIC STONE LINTELS AND SILLS ARE TO REMAIN. REMOVE ALL CRACKED LINTELS IN PREPARATION FOR NEW CAST STONE LINTEL TO MATCH EXISTING. REFER TO DEMOLITION AND NEW WORK ELEVATIONS AND STRUCTURAL DRAWINGS. CONTRACTOR IS TO INSPECT ALL INTERIOR WOOD LINTELS AND NOTIFY ARCHITECT/STRUCTURAL ENGINEER OF DETERIORATION.
7. CONTRACTOR SHALL EVALUATE CONDITION OF ALL EXISTING PLASTER SURFACES AND REMOVE ALL LOOSE PLASTER FROM ALL SURFACES NOT OTHERWISE SCHEDULED FOR DEMOLITION. STABLE PLASTER IS TO REMAIN UNLESS NOTED OTHERWISE. EXERCISE CARE SO AS NOT TO DAMAGE STABLE PLASTER ADJACENT TO LOOSE PLASTER AND SO NOT TO DAMAGE SUBSTRATE OR STRUCTURE BEYOND.
8. REMOVE ALL TEMPORARY BARRICADES FROM DOORS, WINDOWS, STOREFRONTS.
9. REMOVE ALL IVY AND ANY SIMILAR PLANT GROWTH FROM EXISTING BRICK AND STONE.
10. ALL CHIMNEYS & ASSOCIATED ELEMENTS ARE TO REMAIN, U.N.O. VERIFY STRUCTURAL INTEGRITY IN FIELD - SEE NOTES ON STRUCTURAL DWGS.
11. REMOVE ALL EXISTING NON-HISTORIC VINYL, CARPET AND TILE FLOORING INCLUDING ANY ADHESIVES, FASTENERS, OR UNDERLAYMENTS DOWN TO ORIGINAL WOOD FINISH FLOOR OR SUBFLOOR, U.N.O.
12. REMOVE ALL GYPSUM BOARD, PLASTER AND LATH, AND/OR SUSPENDED CEILINGS TO EXPOSE FLOOR JOISTS / ROOF RAFTERS AND PERMIT INSTALLATION OF CONCEALED MECHANICAL, ELECTRICAL, AND PLUMBING SYSTEMS. U.N.O. CONTACT ARCHITECT AND STRUCTURAL ENGINEER TO ALLOW FOR INSPECTION OF EXISTING FRAMING. EXISTING PLASTER AT UNDERSIDE OF STAIR CAN REMAIN IF IN GOOD / STABLE CONDITION.
13. REMOVE ALL EXISTING CABINETRY, COUNTERTOPS, AND KITCHEN APPLIANCES.
14. REMOVE ALL EXISTING BATHROOM AND KITCHEN FIXTURES, U.N.O.
15. COORDINATE WITH MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS AND REMOVE ALL EXISTING EQUIPMENT, FIXTURES, DUCTS, PIPES, WIRES, ETC. EXTRANEOUS TO THE NEW BUILDING SYSTEMS. CAP AND TERMINATE AS REQ'D BY APPLICABLE CODES AND UTILITY PROVIDERS.
16. NEW OPENINGS FOR M.E.P. SYSTEMS ARE NOT SHOW. TRENCHING OF CONCRETE FLOOR SLAB AND DEMO WORK FOR PLUMBING AND UTILITIES IS NOT SHOWN. CONTRACTOR TO COORDINATE THIS WORK WITH M.E.P. DRAWINGS.
17. REMOVE ALL LAYERS OF EXISTING ROOFING (AND INSULATION WHERE OCCURS) DOWN TO EXISTING ROOF SHEATHING. REMOVE ALL DAMAGED AND DETERIORATED ROOF SHEATHING IN PREPARATION FOR NEW ROOF SHEATHING. REMOVE ALL ROOF FASTENERS, FLASHING, TERMINATION BARS, ETC. TO PREPARE FOR NEW ROOF. SEQUENCE THIS WORK WITH NEW ROOF INSTALLATION SO AS TO PROTECT BUILDING FROM THE ELEMENTS AT ALL TIMES.

(X) HISTORIC KEYNOTES

- REFER TO DOOR AND WINDOW TAGS ON NEW WORK PLANS AND TO DOOR AND WINDOW SCHEDULES ON SHEETS A0.4 AND A0.5 FOR DETAILED SCOPE OF WORK AT HISTORIC DOOR AND WINDOW OPENINGS.
- IF NOTE OCCURS AT CENTER OF ROOM, NOTE APPLIES TO ALL WALLS, U.N.O.

A. BRICK TO REMAIN EXPOSED WHERE NO PLASTER IS PRESENT. PROVIDE MASONRY CONSOLIDATOR. PRIME AND PAINT WHERE PREVIOUSLY PAINTED.

CEILINGS

B. REMOVE AND SALVAGE HISTORIC METAL STAMPED CEILING PANELS AND CROWN MOULDING FOR REINSTALLATION OVER FIRE-RATED CEILING. SEE NEW WORK PLANS FOR LOCATION OF REINSTALLED CEILING.
C. NOT USED
D. NOT USED

INTERIOR TRIM

E. EXISTING HISTORIC WOOD BASEBOARD TO REMAIN IN PLACE. REPAIR TO MATCH EXISTING WHERE DAMAGED OR DETERIORATED AND PAINT.
F. REMOVE AND SALVAGE EXISTING HISTORIC WOOD BASEBOARD FOR REINSTALLATION WHERE WALL IS TO BE FURRED OUT FOR THERMAL INSULATION OR WHERE PLASTER IS TO BE REMOVED TO IMPROVE FIRE RESISTANCE RATING (SEE WALL TYPES AND NEW WORK PLANS FOR ADDITIONAL INFORMATION). REINSTALL SALVAGED HISTORIC BASEBOARD OVER NEW GYPSUM BOARD. REPAIR, PRIME AND PAINT.
G. REMOVE EXISTING HISTORIC BASEBOARD REMNANTS.
H. HISTORIC WOOD BEADBOARD WAINSCOT AND CHAIR RAIL TO REMAIN - REPAIR AND PAINT. WHERE DETERIORATED OR MISSING PROVIDE NEW TO MATCH - PAINT.
I. REMOVE EXISTING HISTORIC WOOD BEADBOARD WAINSCOT AND CHAIR RAIL. SALVAGE FOR RELOCATION. INSTALL AT STAIRHALL WALLS NOW EXPOSED BY SHAFT WALL DEMOLITION - SEE NEW WORK PLANS. REPAIR, PRIME, PAINT.
J. REMOVE EXISTING HISTORIC CROWN MOULDING REMNANTS.
K. EXISTING HISTORIC MANTEL AND HEARTH (WHERE OCCURS) TO REMAIN IN PLACE. CLEAN AND REPAIR AS REQ'D. PROVIDE NEW PAINT AT MANTEL WHERE PREVIOUSLY PAINTED. PROVIDE NEW STAIN AT MANTEL WHERE PREVIOUSLY STAINED.

FLOORING

L. HISTORIC WOOD FLOORING TO REMAIN. PATCH ALL DAMAGED, DETERIORATED, OR MISSING BOARDS. REFINISH. SEE FINISH SCHEDULE ON A0.2 FOR ADDITIONAL INFO.
M. EXISTING HISTORIC MOSAIC TILE FLOORS TO REMAIN IN PLACE. REPAIR AS REQ'D. SEE FINISH SCHEDULE ON A0.2.
N. EXISTING WOOD FLOORING TO BE CONCEALED BY NEW FINISH FLOORING AS INDICATED ON FINISH SCHEDULE. SEE A0.2 FOR ADDITIONAL INFO.
O. REMOVE EXISTING HISTORIC METAL FLOOR GRATE AND SALVAGE FOR REINSTALLATION AT EXISTING LOCATION ABOVE NEW FLOOR INFILL. GRATE SHALL BE FLUSH WITH NEW FLOORING.
P. CONTEMPORARY VINYL FLOORING AND LUAN SUBSTRATE TO BE CAREFULLY REMOVED TO EXPOSE EXISTING HISTORIC WOOD FLOORING. PATCH ALL DAMAGED, DETERIORATED, OR MISSING BOARDS. REFINISH. SEE FINISH SCHEDULE ON A0.2 FOR ADDITIONAL INFO.

Q. EXISTING HISTORIC STAIR, NEWEL POSTS, NEWEL POST CAPS, BALUSTRADES, AND HANDRAILS (WHERE OCCURS) TO REMAIN. REPAIR OR REPLACE DAMAGED / DETERIORATED / MISSING STAIR COMPONENTS TO MATCH EXIST. PAINT.
R. EXISTING HISTORIC SKYLIGHT TO REMAIN. REPAIR AND REGLAZE AS REQUIRED. SEE STRUCTURAL DWGS. HISTORIC WOOD BEADBOARD SURROUND TO REMAIN. REPAIR AS REQ'D - PAINT.
S. HISTORIC WOOD BEADBOARD SURROUND AT ABANDONED, INFILLED, SKYLIGHT TO REMAIN. REMOVE, SALVAGE, AND REINSTALL OR REPLICATE HISTORIC BEADBOARD SURROUND AS REQ'D TO FIRE-RATE SURROUNDING BEAMS. PAINT.

WINDOWS*

- ***COMBINE LETTERS IN "WINDOW" CATEGORY WITH NUMBERS OF "WINDOW TRIM" CATEGORY**

T. REMOVE NON-HISTORIC WINDOW. HISTORIC WOOD WEIGHT BOX AND BRICK MOULD TO REMAIN. INSTALL NEW WINDOW WITHIN WEIGHT BOX. REPLACE DETERIORATED HISTORIC WOOD BRICK MOULD TO MATCH HISTORIC PROFILE IF REQUIRED. PAINT.
U. PROVIDE NEW CUSTOM WOOD WINDOW AND BRICKMOULD TO MATCH EXISTING ADJACENT HISTORIC WINDOW. INSTALLATION TO MATCH HISTORIC INSTALLATION - PAINT.
V. REMOVE NON-HISTORIC WINDOW OR INFILL (WHERE OCCURS) BACK TO HISTORIC ROUGH MASONRY OPENING, INCLUDING BLOCKING, WEIGHT BOXES, AND BRICK MOULD (WHERE PRESENT). INFILL PER NEW WORK PLANS. EXISTING EXTERIOR HEADER AND SILL TO REMAIN. REFER TO NEW WORK PLANS.
W. EXISTING HISTORIC WOOD WINDOW AND ALL ASSOCIATED WINDOW COMPONENTS TO REMAIN. REPAIR TO AN OPERABLE CONDITION - PAINT. INSTALL NEW EXTERIOR STORM WINDOW (WHERE APPLICABLE).
X. NOT USED

WINDOW TRIM

REFER TO NOTES BELOW FOR TREATMENT OF INTERIOR WINDOW TRIM:

1. EXISTING HISTORIC INTERIOR WOOD WINDOW TRIM TO REMAIN IN PLACE. REPAIR TO MATCH EXISTING WHERE DAMAGED OR DETERIORATED. PAINT.
2. REMOVE AND SALVAGE HISTORIC INTERIOR WOOD WINDOW TRIM FOR REINSTALLATION. REPAIR TO MATCH EXISTING WHERE DAMAGED OR DETERIORATED. PROVIDE WOOD JAMB AND SILL EXTENDERS WHERE REQUIRED AT NEWLY FURRED WALLS. PRIME AND PAINT.
3. PROVIDE NEW WOOD WINDOW TRIM TO MATCH ADJACENT HISTORIC WINDOW TRIM. PRIME / PAINT.
4. WHERE NO EXISTING INTERIOR WINDOW TRIM IS PRESENT AT HISTORIC WINDOW OPENING, PROVIDE NEW CONTEMPORARY WOOD WINDOW TRIM. PRIME AND PAINT. SEE TYPICAL TRIM ON SHEET A0.5.

INTERIOR DOORS

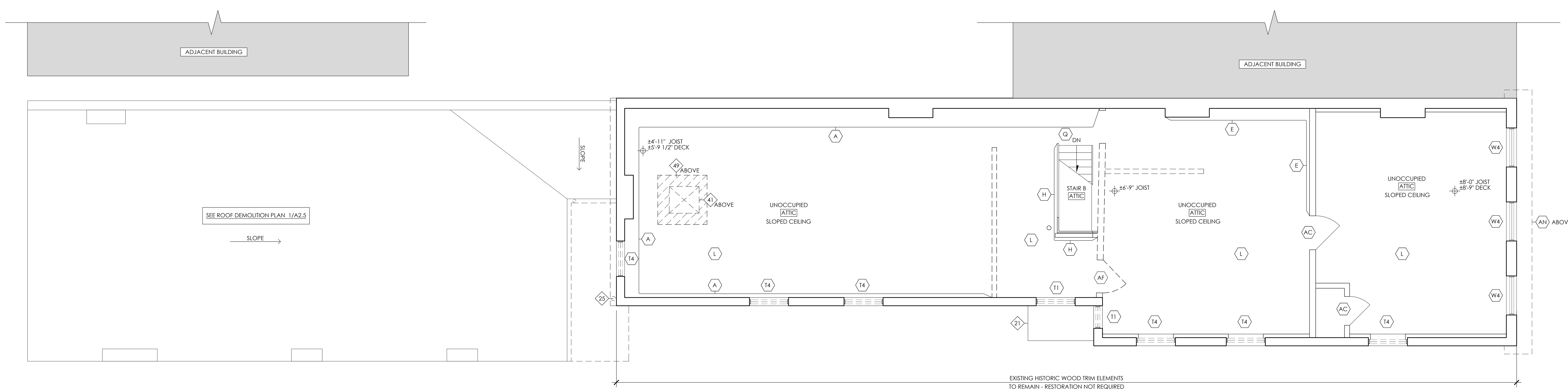
Y. EXISTING HISTORIC METAL DOOR AND FRAME TO REMAIN. REPAIR AND PAINT COMPONENTS PREVIOUSLY PAINTED.
Z. EXISTING HISTORIC SLIDING METAL DOOR AND TRACK. REMOVE AND REINSTALL IN FIXED OPEN POSITION. NEW FIRE RATED DOOR AND FRAME TO BE INSTALLED.
AA. EXISTING HISTORIC SLIDING METAL DOOR AND TRACK TO REMAIN. DOOR IS TO BE FIXED IN THE CLOSED POSITION. HISTORIC OPENING TO BE INFILLED.
AB. EXISTING HISTORIC METAL DOOR AND FRAME TO BE REMOVED. INSTALL NEW FIRE RATED DOOR AND FRAME IN EXISTING OPENING.
AC. EXISTING HISTORIC WOOD DOOR, FRAME, AND TRIM TO REMAIN. REPAIR AND PAINT.
AD. EXISTING HISTORIC WOOD DOOR AND FRAME TO REMAIN AND BE FIXED IN CLOSED POSITION. HISTORIC TRIM TO REMAIN ON EXPOSED SIDE ONLY. REFER TO NEW WORK PLANS. REPAIR, PRIME, AND PAINT.
AE. EXISTING HISTORIC WOOD DOOR OR CASED OPENING TRIM TO REMAIN. REPAIR, PRIME, AND PAINT.
AF. REMOVE HISTORIC DOOR AND FRAME. HISTORIC TRIM TO BE SALVAGED AND REINSTALLED IF WALL REMAINS AND APPLICABLE. REPAIR AND PAINT.
AG. HISTORIC WOOD DOOR TRIM TO REMAIN. SALVAGE AND REINSTALL AT NEW DOOR FRAME. REPAIR AND PAINT.
AH. REMOVE EXISTING DOOR. EXISTING FRAME AND TRIM TO REMAIN. REPAIR, PRIME, AND PAINT.
AI. NOT USED
AJ. NOT USED.
AK. REMOVE EXISTING DOOR. EXISTING HISTORIC WOOD FRAME AND TRANSOM TO REMAIN. REPAIR AND PAINT. PROVIDE NEW GLAZING OR PLYWOOD PANEL AT EXISTING TRANSOM AS INDICATED ON DOOR SCHEDULE. HISTORIC TRIM TO REMAIN AT STAIR SIDE ONLY. SALVAGE HISTORIC TRIM FROM UNIT SIDE FOR REINSTALLATION OVER NEW FIRE RATED FRAME, IF REQUIRED.

EXTERIOR

AL. HISTORIC STOREFRONT ELEMENTS TO REMAIN. ALL CAST IRON AND / OR STONE ELEMENTS ARE TO REMAIN IN PLACE AND BE STABILIZED. REMOVE ALL NON-HISTORIC STOREFRONT INFILL. PROVIDE TEMPORARY BRACING AND SHORING AS REQ'D. EXERCISE CAUTION SO AS NOT TO DAMAGE HISTORIC ELEMENTS. NOTIFY ARCHITECT/ENGINEER OF RECORD FOLLOWING REMOVAL FOR INSPECTION.
AM. EXISTING CAST IRON CURB TO REMAIN. REPAIR AS REQ'D.
AN. HISTORIC STONE AND METAL ROOF CORNICE/BANDING, BRACKETS, AND MOULDING TO REMAIN. REPAIR DETERIORATED ELEMENTS TO MATCH EXISTING. PAINT IF PREVIOUSLY PAINTED.
AO. EXISTING HISTORIC WOOD TRANSOM BAR AND WOOD BRICK MOULD TO REMAIN - REPAIR AND PAINT. EXISTING NON-HISTORIC ENTRY DOOR AND WOOD FRAMED TRANSOM INFILL TO BE REMOVED. PROVIDE NEW ALUMINUM CLAD WOOD DOOR, SIDE PANEL, AND TRANSOM WINDOW.
AP. HISTORIC WOOD SHUTTERS TO BE REMOVED AND SALVAGED FOR REINSTALLATION IN THE FIXED POSITION. REPAIR AND PAINT. REMOVE EXISTING INTERIOR FRAMING AT OPENING AND PREP FOR NEW INFILL PER NEW WORK PLANS. INTERIOR TRIM TO BE REMOVED AND SALVAGED FOR REINSTALLATION. REPAIR AND PAINT.
AQ. HISTORIC BOX GUTTER TO REMAIN. REPAIR ALL DETERIORATED ELEMENTS. PAINT. PROVIDE NEW ROOF MEMBRANE LINER AND SLOPE TO DRAIN TO NEW OR EXISTING DOWNSPOUT LOCATION.
AR. HISTORIC WOOD BRICK MOULD TO REMAIN - REMOVE EXIST. INFILL. PROVIDE NEW ALUMINUM CLAD WOOD DOORS AND TRANSOM WINDOW.
AS. HISTORIC WOOD TRANSOM, BRICK MOULD, AND INTERIOR WOOD TRIM TO REMAIN - REPAIR AND PAINT. INSTALL NEW ALUMINUM CLAD WOOD DOOR.

(#) DEMOLITION PLAN KEYNOTES

1. EXISTING CONCRETE SLAB TO REMAIN.
2. REMOVE EXISTING CONCRETE SIDEWALK PER DOTE STANDARDS. SEE CIVIL DRAWINGS.
2A. REMOVE EXISTING CONCRETE WALKWAY. SEE CIVIL DRAWINGS.
3. EXISTING CAST IRON OR STEEL COLUMN TO REMAIN.
4. LINE OF EXISTING STRUCTURE ABOVE TO REMAIN (BEAM, HEADER, ROOF OVERHANG, ETC.). IF BEAM IS CONCEALED - REMOVE PLASTER OR DRYWALL ENCLOSURE AT BEAM.
5. LINE OF EXISTING BRICK/STONE ARCHES ABOVE TO REMAIN.
6. REMOVE EXISTING SLAB ON GRADE. PREP FOR NEW SLAB AND WATERPROOFING.
7. LOCATION OF EXISTING BASEMENT WINDOW WELL.
8. EXISTING WOOD FRAMED STAIRS TO REMAIN. MODIFY BOTTOM RISER(S) AS REQ'D IF LOCATED AT NEW BASEMENT SLAB.
9. REMOVE EXISTING WOOD STAIRS IN ITS ENTIRETY.
10. LOCATION OF EXISTING ELECTRIC EQUIPMENT. SEE MEP DRAWINGS.
11. LOCATION OF EXISTING GAS SERVICE. SEE MEP DRAWINGS.
12. LOCATION OF EXISTING WATER OR FIRE SERVICE. SEE MEP & FP DRAWINGS.
13. EXISTING SPACE UNDER SIDEWALK/R.O.W.
14. REMOVE EXISTING INFILL @ FOUNDATION WALL OPENING. CONTACT ARCHITECT WHEN AREA IS ACCESSIBLE FOR INVESTIGATION.
15. REMOVE EXISTING STRUCTURE. PROVIDE TEMPORARY SHORING. SEE STRUCTURAL DRAWINGS.
16. REMOVE STONE SILL AS REQUIRED FOR CONSTRUCTION OF NEW HANDICAP ACCESSIBLE ENTRANCE. SEE NEW WORK PLANS AND STRUCTURAL DRAWINGS.
17. REMOVE AREA OF CONCRETE SLAB OR WOOD FLOOR FRAMING AS REQUIRED FOR CONSTRUCTION OF NEW HANDICAP ACCESSIBLE ENTRANCE. SEE NEW WORK PLANS AND STRUCTURAL DRAWINGS.
18. REMOVE AREA OF FLOOR FRAMING AS REQUIRED FOR NEW WORK. SEE NEW WORK PLANS AND STRUCTURAL DRAWINGS. PROVIDE TEMPORARY BRACING OR SHORING AS REQUIRED.
19. NEW MASONRY OPENING. SEE NEW WORK PLANS AND STRUCTURAL DRAWINGS. PROVIDE TEMPORARY BRACING OR SHORING AS REQUIRED.
20. LINE OF EXISTING BAY WINDOW ABOVE. REMOVE UNDERSIDE OF BAY ENOUGH FOR ARCHITECT AND STRUCTURAL ENGINEER TO INSPECT FLOOR STRUCTURE.
21. EXISTING FIRE ESCAPE TO REMAIN. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FIRE ESCAPE EXAMINATION INSPECTION AND REPAIRS PER CITY OF CINCINNATI. CLEAN AND PAINT.
22. REMOVE PORTION OF EXISTING FIRE ESCAPE AT 4TH FLOOR THAT CONNECTS TO THE ADJACENT BUILDING'S EXISTING FIRE ESCAPE. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FIRE ESCAPE EXAMINATION, INSPECTION, AND REPAIRS PER CITY OF CINCINNATI. CLEAN AND PAINT.
23. MODIFY EXIST. FIRE ESCAPE LADDER AS REQUIRED TO ACCOMMODATE NEW SLAB HEIGHT. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FIRE ESCAPE EXAMINATION INSPECTION AND REPAIRS PER CITY OF CINCINNATI. CLEAN AND PAINT.
24. EXISTING STONE ENTRY STEP(S) TO REMAIN.
25. REMOVE EXISTING DOWNSPOUT.
26. REMOVE EXISTING HUNG GUTTER AND ALL ANCHORS.
27. REMOVE EXISTING CONCRETE STEP(S).
28. REMOVE EXISTING GLASS BLOCK AND INFILL IN HISTORIC MASONRY OPENING. EXERCISE CAUTION SO AS NOT TO DAMAGE ADJACENT HISTORIC MASONRY.
29. REMOVE EXISTING WALL FURRING. EXERCISE CAUTION SO AS NOT TO DAMAGE HISTORIC PLASTER AND TRIM BEHIND FURRING. EXISTING PLASTER, BASEBOARD AND WINDOW TRIM BEHIND FURRING TO REMAIN. CONTACT ARCHITECT WHEN FURRING HAS BEEN REMOVED FOR INSPECTION.
30. EXISTING INTERCOM BOX TO BE REMOVED.
31. EXISTING CONDENSING UNIT, METAL SURROUND AND ASSOCIATED ANCHORS AND ATTACHMENTS (WHERE OCCURS) TO BE REMOVED.
32. EXISTING WOOD FRAMED STORAGE COMPARTMENT TO REMOVED.
33. EXISTING STEEL FRAME AND GATE TO BE REMOVED.
34. EXISTING BOLLARD TO BE REMOVED IN ITS ENTIRETY.
35. EXISTING CONCRETE RAMP AT ADJACENT BUILDING TO REMAIN. PROTECT DURING ALL PHASES OF CONSTRUCTION. GENERAL CONTRACTOR SHALL COORDINATE WORK IN SHARED PASSAGEWAY WITH ADJACENT PROPERTY OWNER.
36. EXISTING GATE AND FENCE TO BE REMOVED. CONTRACTOR CAN SALVAGE FOR REUSE IF ECONOMICAL. REFER TO NEW WORK PLANS.
37. EXISTING FLOOR DRAIN TO REMAIN. CONTRACTOR TO VERIFY IF DRAIN IS IN WORKING CONDITION. SEE PLUMBING DRAWINGS.
38. EXISTING SURFACE-MOUNTED MAILBOXES TO BE REMOVED. EXERCISE CAUTION SO NOT TO DAMAGE HISTORIC BEADBOARD OR PLASTER. REFER TO NEW WORK PLANS.
39. EXISTING 1-STORY ADDITION TO BE DEMOLISHED. REMOVE EXISTING SLAB ON GRADE (ASSUMED - VIF). SEE NEW WORK PLAN AND STRUCTURAL DRAWINGS.
40. NEW DOOR OPENING AT LOCATION OF EXISTING WINDOW OPENING. REMOVE EXISTING MASONRY INFILL, REMOVE SILL AND PORTIONS OF MASONRY WALL BELOW SILL AS REQUIRED TO INSTALL NEW DOOR, FRAME, AND TRANSOM. MASONRY OPENING WILL NEED ENLARGED AS SHOWN - PROVIDE TEMPORARY BRACING OR SHORING AS REQ'D. SEE STRUCTURAL DWGS FOR LINTEL. COORDINATE WITH NEW WORK PLANS FOR REQ'D DIMENSIONS.
41. LOCATION OF EXISTING ROOF HATCH. REFER TO NEW WORK PLANS.
42. EXISTING METAL OR STONE CHIMNEY CAPS. REPLACE IF CAP IF DETERIORATED OR MISSING.
43. REMOVE AND REPLACE DETERIORATED WOOD RAKE BOARDS. REFER TO NEW WORK PLANS AND ELEVATIONS.
44. EXISTING BRICK SITE PARTY WALL TO REMAIN. REMOVE DAMAGED METAL COPING. REFER TO NEW WORK PLANS.
45. EXISTING BATT INSULATION AT ATTIC FLOOR AND CEILING TO BE REMOVED.
46. REMOVE EXISTING STOOP CONSTRUCTION AS REQUIRED TO ACCOMMODATE NEW WORK.
47. ARCHITECT WAS NOT ABLE TO ACCESS THIS AREA. CONTACT ARCHITECT WHEN ACCESSIBLE.
48. EXISTING BRICK PARAPET WALL WITH TERRA COTTA COPING TO REMAIN. REFER TO GENERAL NOTES FOR MASONRY CLEANING AND RESTORATION. SEE ROOF NEW WORK PLANS FOR COPING REPAIRS.
49. CUT NEW OR ENLARGED OPENING IN EXISTING ROOF OR ATTIC STRUCTURE FOR NEW ROOF HATCH. SEE NEW WORK PLANS AND STRUCTURAL DWGS.
50. CONTRACTOR TO SALVAGE EXIST. BATH TUB FOR REUSE IF IN GOOD CONDITION. REMOVE EXIST. TUB SURROUND. REFER TO NEW WORK AND PLUMBING PLANS. ENSURE TUB AT FIRE-RATED WALL DOES NOT INTERRUPT RATING.
51. REMOVE NON-HISTORIC DOOR, FRAME, LINTEL, AND SILL. PREPARE OPENING FOR MASONRY INFILL PER NEW WORK PLANS.
52. LINE INDICATES SLOPED UNDERSIDE OF EXISTING HISTORIC STAIR ABOVE. REMOVE FINISHES AND PREP FOR NEW GYP. BOARD AND FIRE RATING WHERE NOTED ON NEW WORK PLANS.
53. REMOVE HISTORIC WOOD BEADBOARD AT CEILING.
54. REMOVE FLOOR HATCH. PREP FLOOR OPENING FOR INFILL. REFER TO NEW WORK PLANS AND STRUCTURAL DWGS.
55. LOCATION OF INTERNAL ROOF DRAIN LEADER. CONTRACTOR TO VERIFY CONDITION OF LEADER AND STORM CONNECTION, SCOPE EXISTING BELOW-GRADE STORM LINES. REFER TO NEW WORK PLANS AND PLUMBING DWGS.
56. EXISTING STEEL/WOOD JOIST END REINFORCEMENT BEAMS AND POSTS. SEE STRUCTURAL DRAWINGS.
57. EXISTING POST TO REMAIN. SEE STRUCTURAL DRAWINGS.
58. EXISTING CAST IRON CURB TO REMAIN OR BE REPLACED IF DETERIORATED BEYOND REPAIR. SEE EXTERIOR ELEVATIONS AND STRUCTURAL DWGS.
59. RAISE EXISTING HEADER AT EXISTING OPENING. REFER TO NEW WORK PLANS.
60. REMOVE EXISTING SLAB ON DECK. REFER TO STRUCTURAL DWGS.
61. REMOVE PORTION OF SLAB AND EXCAVATE AS REQUIRED FOR NEW FOOTINGS. SHOWN FOR REFERENCE. SEE STRUCTURAL DRAWINGS AND NEW WORK PLAN.



1 / A2.4 **ATTIC DEMOLITION PLAN**
1/4" = 1'-0"

NOT FOR CONSTRUCTION

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ISSUE LOG:
06.02.2023 ISSUE FOR PERMIT
1 07.14.2023 PERMIT REVISION 1
09.21.2023 OHFA PRELIM. SUBMISSION

ATTIC DEMOLITION PLAN

A2.4

PRELIMINARY: NOT FOR CONSTRUCTION

DEMOLITION PLAN GRAPHIC KEY

- EXISTING CONSTRUCTION TO BE REMOVED
- EXISTING MASONRY WALL CONSTRUCTION TO BE REMOVED
- EXISTING CONSTRUCTION TO REMAIN
- REMOVE GYPSUM BOARD, PLASTER, AND/OR LATH FROM INDICATED SIDE OF FRAMED WALL. REFER TO NEW WORK PLANS FOR FIRE RESISTANCE IMPROVEMENTS.
- EXISTING LOAD-BEARING MASONRY / CONCRETE WALL TO REMAIN
- EXISTING STRUCTURE ABOVE TO REMAIN (SEE KEYNOTES ON PLAN)
- EXISTING STRUCTURE ABOVE TO REMAIN (SEE KEYNOTES ON PLAN)
- AREA OF EXISTING FLOOR / ROOF STRUCTURE TO BE REMOVED
- 1HR — EXISTING 1-HR FIRE-RATED WALL
- 2HR — EXISTING 2-HR FIRE-RATED WALL
- EXISTING DOOR AND FRAME TO REMAIN
- EXISTING DOOR/DOOR AND FRAME TO BE REMOVED (SEE HISTORIC NOTES)

DEMOLITION PLAN GENERAL NOTES

1. ALL DASHED ELEMENTS TO BE REMOVED, U.N.O. CONSULT ARCH. IF INTENT IS UNCLEAR.
2. ALL LOAD-BEARING WALLS, COLUMNS, BEAMS, AND STRUCTURAL ELEMENTS TO REMAIN, U.N.O. WHERE EXISTING STRUCTURE IS NOTED TO BE REMOVED, SHORE AND BRACE EXISTING BUILDING AS REQUIRED.
3. WHERE EXISTING STUD FRAMED WALLS ARE INDICATED TO REMAIN, REMOVE GYP. BOARD AND OTHER NON-HISTORIC WALL FINISHES, FASTENERS, INSULATION, ETC. DOWN TO STUDS. REMOVE BASEBOARD. PREP FOR NEW WORK.
4. COORDINATE ANY NEW MASONRY OPENINGS WITH NEW WORK PLANS. TOOTH OUT BRICK AT JAMBS AND SALVAGE SUFFICIENT BRICK FOR KEYING IN AT JAMBS. REFER TO STRUCTURAL DWGS.
5. REFER TO "*DEMOLITION ELEVATION GENERAL NOTES*" ON THE A5.0 SHEET SERIES OF EXTERIOR ELEVATIONS FOR TREATMENT OF HISTORIC MASONRY.
6. HISTORIC STONE LINTELS AND SILLS ARE TO REMAIN. REMOVE ALL CRACKED LINTELS IN PREPARATION FOR NEW CAST STONE LINTEL TO MATCH EXISTING. REFER TO DEMOLITION AND NEW WORK ELEVATIONS AND STRUCTURAL DRAWINGS. CONTRACTOR IS TO INSPECT ALL INTERIOR WOOD LINTELS AND NOTIFY ARCHITECT/STRUCTURAL ENGINEER OF DETERIORATION.
7. CONTRACTOR SHALL EVALUATE CONDITION OF ALL EXISTING PLASTER SURFACES AND REMOVE ALL LOOSE PLASTER FROM ALL SURFACES NOT OTHERWISE SCHEDULED FOR DEMOLITION. STABLE PLASTER IS TO REMAIN UNLESS NOTED OTHERWISE. EXERCISE CARE SO AS NOT TO DAMAGE STABLE PLASTER ADJACENT TO LOOSE PLASTER AND SO NOT TO DAMAGE SUBSTRATE OR STRUCTURE BEYOND.
8. REMOVE ALL TEMPORARY BARRICADES FROM DOORS, WINDOWS, STOREFRONTS.
9. REMOVE ALL IVY AND ANY SIMILAR PLANT GROWTH FROM EXISTING BRICK AND STONE.
10. ALL CHIMNEYS & ASSOCIATED ELEMENTS ARE TO REMAIN, U.N.O. VERIFY STRUCTURAL INTEGRITY IN FIELD - SEE NOTES ON STRUCTURAL DWGS.
11. REMOVE ALL EXISTING NON-HISTORIC VINYL, CARPET AND TILE FLOORING INCLUDING ANY ADHESIVES, FASTENERS, OR UNDERLAYMENTS DOWN TO ORIGINAL WOOD FINISH FLOOR OR SUBFLOOR, U.N.O.
12. REMOVE ALL GYPSUM BOARD, PLASTER AND LATH, AND/OR SUSPENDED CEILINGS TO EXPOSE FLOOR JOISTS / ROOF RAFTERS AND PERMIT INSTALLATION OF CONCEALED MECHANICAL, ELECTRICAL, AND PLUMBING SYSTEMS. U.N.O. CONTACT ARCHITECT AND STRUCTURAL ENGINEER TO ALLOW FOR INSPECTION OF EXISTING FRAMING. EXISTING PLASTER AT UNDERSIDE OF STAIR CAN REMAIN IF IN GOOD / STABLE CONDITION.
13. REMOVE ALL EXISTING CABINETRY, COUNTERTOPS, AND KITCHEN APPLIANCES.
14. REMOVE ALL EXISTING BATHROOM AND KITCHEN FIXTURES, U.N.O.
15. COORDINATE WITH MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS AND REMOVE ALL EXISTING EQUIPMENT, FIXTURES, DUCTS, PIPES, WIRES, ETC. EXTRANEOUS TO THE NEW BUILDING SYSTEMS. CAP AND TERMINATE AS REQ'D BY APPLICABLE CODES AND UTILITY PROVIDERS.
16. NEW OPENINGS FOR M.E.P. SYSTEMS ARE NOT SHOW. TRENCHING OF CONCRETE FLOOR SLAB AND DEMO WORK FOR PLUMBING AND UTILITIES IS NOT SHOWN. CONTRACTOR TO COORDINATE THIS WORK WITH M.E.P. DRAWINGS.
17. REMOVE ALL LAYERS OF EXISTING ROOFING (AND INSULATION WHERE OCCURS) DOWN TO EXISTING ROOF SHEATHING. REMOVE ALL DAMAGED AND DETERIORATED ROOF SHEATHING IN PREPARATION FOR NEW ROOF SHEATHING. REMOVE ALL ROOF FASTENERS, FLASHING, TERMINATION BARS, ETC. TO PREPARE FOR NEW ROOF. SEQUENCE THIS WORK WITH NEW ROOF INSTALLATION SO AS TO PROTECT BUILDING FROM THE ELEMENTS AT ALL TIMES.

⟨X⟩ HISTORIC KEYNOTES

- REFER TO DOOR AND WINDOW TAGS ON NEW WORK PLANS AND TO DOOR AND WINDOW SCHEDULES ON SHEETS A0.4 AND A0.5 FOR DETAILED SCOPE OF WORK AT HISTORIC DOOR AND WINDOW OPENINGS.
- IF NOTE OCCURS AT CENTER OF ROOM, NOTE APPLIES TO ALL WALLS, U.N.O.

A. BRICK TO REMAIN EXPOSED WHERE NO PLASTER IS PRESENT. PROVIDE MASONRY CONSOLIDATOR. PRIME AND PAINT WHERE PREVIOUSLY PAINTED.

CEILINGS

B. REMOVE AND SALVAGE HISTORIC METAL STAMPED CEILING PANELS AND CROWN MOULDING FOR REINSTALLATION OVER FIRE-RATED CEILING. SEE NEW WORK PLANS FOR LOCATION OF REINSTALLED CEILING.
C. NOT USED
D. NOT USED

INTERIOR TRIM

E. EXISTING HISTORIC WOOD BASEBOARD TO REMAIN IN PLACE. REPAIR TO MATCH EXISTING WHERE DAMAGED OR DETERIORATED AND PAINT.
F. REMOVE AND SALVAGE EXISTING HISTORIC WOOD BASEBOARD FOR REINSTALLATION WHERE WALL IS TO BE FURRED OUT FOR THERMAL INSULATION OR WHERE PLASTER IS TO BE REMOVED TO IMPROVE FIRE RESISTANCE RATING (SEE WALL TYPES AND NEW WORK PLANS FOR ADDITIONAL INFORMATION). REINSTALL SALVAGED HISTORIC BASEBOARD OVER NEW GYPSUM BOARD. REPAIR, PRIME AND PAINT.
G. REMOVE EXISTING HISTORIC BASEBOARD REMNANTS.
H. HISTORIC WOOD BEADBOARD WAINSCOT AND CHAIR RAIL TO REMAIN - REPAIR AND PAINT. WHERE DETERIORATED OR MISSING PROVIDE NEW TO MATCH - PAINT.
I. REMOVE EXISTING HISTORIC WOOD BEADBOARD WAINSCOT AND CHAIR RAIL. SALVAGE FOR RELOCATION. INSTALL AT STAIRHALL WALLS NOW EXPOSED BY SHAFT WALL DEMOLITION - SEE NEW WORK PLANS. REPAIR, PRIME, PAINT.
J. REMOVE EXISTING HISTORIC CROWN MOULDING REMNANTS.
K. EXISTING HISTORIC MANTEL AND HEARTH (WHERE OCCURS) TO REMAIN IN PLACE. CLEAN AND REPAIR AS REQ'D. PROVIDE NEW PAINT AT MANTEL WHERE PREVIOUSLY PAINTED. PROVIDE NEW STAIN AT MANTEL WHERE PREVIOUSLY STAINED.

FLOORING

L. HISTORIC WOOD FLOORING TO REMAIN. PATCH ALL DAMAGED, DETERIORATED, OR MISSING BOARDS. REFINISH. SEE FINISH SCHEDULE ON A0.2 FOR ADDITIONAL INFO.
M. EXISTING HISTORIC MOSAIC TILE FLOORS TO REMAIN IN PLACE. REPAIR AS REQ'D. SEE FINISH SCHEDULE ON A0.2.
N. EXISTING WOOD FLOORING TO BE CONCEALED BY NEW FINISH FLOORING AS INDICATED ON FINISH SCHEDULE. SEE A0.2 FOR ADDITIONAL INFO.
O. REMOVE EXISTING HISTORIC METAL FLOOR GRATE AND SALVAGE FOR REINSTALLATION AT EXISTING LOCATION ABOVE NEW FLOOR INFILL. GRATE SHALL BE FLUSH WITH NEW FLOORING.
P. CONTEMPORARY VINYL FLOORING AND LUAN SUBSTRATE TO BE CAREFULLY REMOVED TO EXPOSE EXISTING HISTORIC WOOD FLOORING. PATCH ALL DAMAGED, DETERIORATED, OR MISSING BOARDS. REFINISH. SEE FINISH SCHEDULE ON A0.2 FOR ADDITIONAL INFO.

Q. EXISTING HISTORIC STAIR, NEWEL POSTS, NEWEL POST CAPS, BALUSTRADES, AND HANDRAILS (WHERE OCCURS) TO REMAIN. REPAIR OR REPLACE DAMAGED / DETERIORATED / MISSING STAIR COMPONENTS TO MATCH EXIST. PAINT.
R. EXISTING HISTORIC SKYLIGHT TO REMAIN. REPAIR AND REGLAZE AS REQUIRED. SEE STRUCTURAL DWGS. HISTORIC WOOD BEADBOARD SURROUND TO REMAIN. REPAIR AS REQ'D - PAINT.
S. HISTORIC WOOD BEADBOARD SURROUND AT ABANDONED, INFILLED, SKYLIGHT TO REMAIN. REMOVE, SALVAGE, AND REINSTALL OR REPLICATE HISTORIC BEADBOARD SURROUND AS REQ'D TO FIRE-RATE SURROUNDING BEAMS. PAINT.

WINDOWS*

- ***COMBINE LETTERS IN "WINDOW" CATEGORY WITH NUMBERS OF "WINDOW TRIM" CATEGORY**

T. REMOVE NON-HISTORIC WINDOW. HISTORIC WOOD WEIGHT BOX AND BRICK MOULD TO REMAIN. INSTALL NEW WINDOW WITHIN WEIGHT BOX. REPLACE DETERIORATED HISTORIC WOOD BRICK MOULD TO MATCH HISTORIC PROFILE IF REQUIRED. PAINT.
U. PROVIDE NEW CUSTOM WOOD WINDOW AND BRICKMOULD TO MATCH EXISTING ADJACENT HISTORIC WINDOW. INSTALLATION TO MATCH HISTORIC INSTALLATION - PAINT.
V. REMOVE NON-HISTORIC WINDOW OR INFILL (WHERE OCCURS) BACK TO HISTORIC ROUGH MASONRY OPENING, INCLUDING BLOCKING, WEIGHT BOXES, AND BRICK MOULD (WHERE PRESENT). INFILL PER NEW WORK PLANS. EXISTING EXTERIOR HEADER AND SILL TO REMAIN. REFER TO NEW WORK PLANS.
W. EXISTING HISTORIC WOOD WINDOW AND ALL ASSOCIATED WINDOW COMPONENTS TO REMAIN. REPAIR TO AN OPERABLE CONDITION - PAINT. INSTALL NEW EXTERIOR STORM WINDOW (WHERE APPLICABLE).
X. NOT USED

WINDOW TRIM

REFER TO NOTES BELOW FOR TREATMENT OF INTERIOR WINDOW TRIM:

1. EXISTING HISTORIC INTERIOR WOOD WINDOW TRIM TO REMAIN IN PLACE. REPAIR TO MATCH EXISTING WHERE DAMAGED OR DETERIORATED. PAINT.
2. REMOVE AND SALVAGE HISTORIC INTERIOR WOOD WINDOW TRIM FOR REINSTALLATION. REPAIR TO MATCH EXISTING WHERE DAMAGED OR DETERIORATED. PROVIDE WOOD JAMB AND SILL EXTENDERS WHERE REQUIRED AT NEWLY FURRED WALLS. PRIME AND PAINT.
3. PROVIDE NEW WOOD WINDOW TRIM TO MATCH ADJACENT HISTORIC WINDOW TRIM. PRIME / PAINT.
4. WHERE NO EXISTING INTERIOR WINDOW TRIM IS PRESENT AT HISTORIC WINDOW OPENING, PROVIDE NEW CONTEMPORARY WOOD WINDOW TRIM. PRIME AND PAINT. SEE TYPICAL TRIM ON SHEET A0.5.

INTERIOR DOORS

Y. EXISTING HISTORIC METAL DOOR AND FRAME TO REMAIN. REPAIR AND PAINT COMPONENTS PREVIOUSLY PAINTED.
Z. EXISTING HISTORIC SLIDING METAL DOOR AND TRACK. REMOVE AND REINSTALL IN FIXED OPEN POSITION. NEW FIRE RATED DOOR AND FRAME TO BE INSTALLED.
AA. EXISTING HISTORIC SLIDING METAL DOOR AND TRACK TO REMAIN. DOOR IS TO BE FIXED IN THE CLOSED POSITION. HISTORIC OPENING TO BE INFILLED.
AB. EXISTING HISTORIC METAL DOOR AND FRAME TO BE REMOVED. INSTALL NEW FIRE RATED DOOR AND FRAME IN EXISTING OPENING.
AC. EXISTING HISTORIC WOOD DOOR, FRAME, AND TRIM TO REMAIN. REPAIR AND PAINT.
AD. EXISTING HISTORIC WOOD DOOR AND FRAME TO REMAIN AND BE FIXED IN CLOSED POSITION. HISTORIC TRIM TO REMAIN ON EXPOSED SIDE ONLY. REFER TO NEW WORK PLANS. REPAIR, PRIME, AND PAINT.
AE. EXISTING HISTORIC WOOD DOOR OR CASED OPENING TRIM TO REMAIN. REPAIR, PRIME, AND PAINT.
AF. REMOVE HISTORIC DOOR AND FRAME. HISTORIC TRIM TO BE SALVAGED AND REINSTALLED IF WALL REMAINS AND APPLICABLE. REPAIR AND PAINT.
AG. HISTORIC WOOD DOOR TRIM TO REMAIN. SALVAGE AND REINSTALL AT NEW DOOR FRAME. REPAIR AND PAINT.
AH. REMOVE EXISTING DOOR. EXISTING FRAME AND TRIM TO REMAIN. REPAIR, PRIME, AND PAINT.
AI. NOT USED
AJ. NOT USED.
AK. REMOVE EXISTING DOOR. EXISTING HISTORIC WOOD FRAME AND TRANSOM TO REMAIN. REPAIR AND PAINT. PROVIDE NEW GLAZING OR PLYWOOD PANEL AT EXISTING TRANSOM AS INDICATED ON DOOR SCHEDULE. HISTORIC TRIM TO REMAIN AT STAIR SIDE ONLY. SALVAGE HISTORIC TRIM FROM UNIT SIDE FOR REINSTALLATION OVER NEW FIRE RATED FRAME, IF REQUIRED.

EXTERIOR

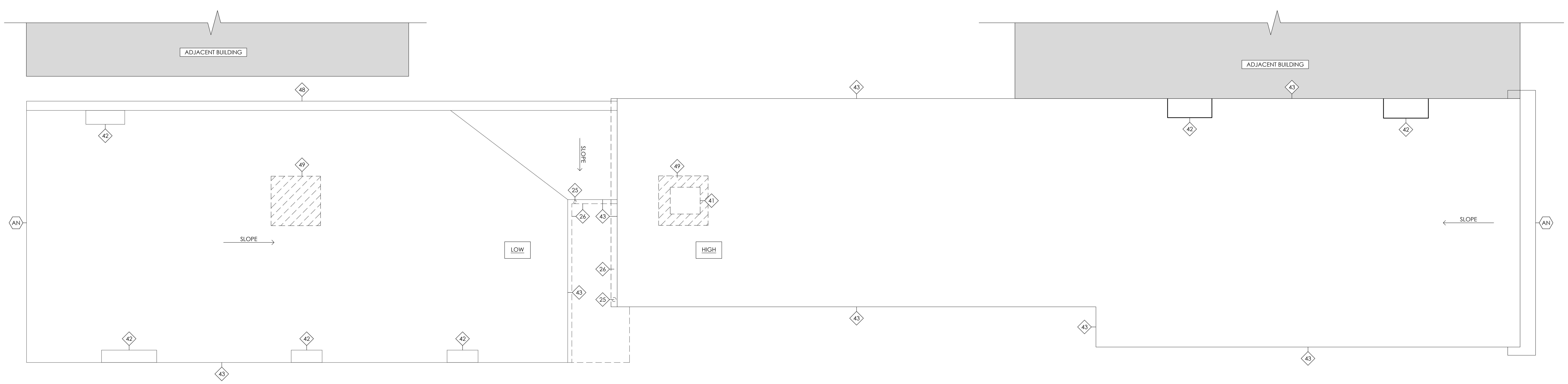
AL. HISTORIC STOREFRONT ELEMENTS TO REMAIN. ALL CAST IRON AND / OR STONE ELEMENTS ARE TO REMAIN IN PLACE AND BE STABILIZED. REMOVE ALL NON-HISTORIC STOREFRONT INFILL. PROVIDE TEMPORARY BRACING AND SHORING AS REQ'D. EXERCISE CAUTION SO AS NOT TO DAMAGE HISTORIC ELEMENTS. NOTIFY ARCHITECT/ENGINEER OF RECORD FOLLOWING REMOVAL FOR INSPECTION.
AM. EXISTING CAST IRON CURB TO REMAIN. REPAIR AS REQ'D.
AN. HISTORIC STONE AND METAL ROOF CORNICE/BANDING, BRACKETS, AND MOULDING TO REMAIN. REPAIR DETERIORATED ELEMENTS TO MATCH EXISTING. PAINT IF PREVIOUSLY PAINTED.
AO. EXISTING HISTORIC WOOD TRANSOM BAR AND WOOD BRICK MOULD TO REMAIN - REPAIR AND PAINT. EXISTING NON-HISTORIC ENTRY DOOR AND WOOD FRAMED TRANSOM INFILL TO BE REMOVED. PROVIDE NEW ALUMINUM CLAD WOOD DOOR, SIDE PANEL, AND TRANSOM WINDOW.
AP. HISTORIC WOOD SHUTTERS TO BE REMOVED AND SALVAGED FOR REINSTALLATION IN THE FIXED POSITION. REPAIR AND PAINT. REMOVE EXISTING INTERIOR FRAMING AT OPENING AND PREP FOR NEW INFILL PER NEW WORK PLANS. INTERIOR TRIM TO BE REMOVED AND SALVAGED FOR REINSTALLATION. REPAIR AND PAINT.
AQ. HISTORIC BOX GUTTER TO REMAIN. REPAIR ALL DETERIORATED ELEMENTS. PAINT. PROVIDE NEW ROOF MEMBRANE LINER AND SLOPE TO DRAIN TO NEW OR EXISTING DOWNSPOUT LOCATION.
AR. HISTORIC WOOD BRICK MOULD TO REMAIN - REMOVE EXIST. INFILL. PROVIDE NEW ALUMINUM CLAD WOOD DOORS AND TRANSOM WINDOW.
AS. HISTORIC WOOD TRANSOM, BRICK MOULD, AND INTERIOR WOOD TRIM TO REMAIN - REPAIR AND PAINT. INSTALL NEW ALUMINUM CLAD WOOD DOOR.

⟨#⟩ DEMOLITION PLAN KEYNOTES

1. EXISTING CONCRETE SLAB TO REMAIN.
2. REMOVE EXISTING CONCRETE SIDEWALK PER DOTE STANDARDS. SEE CIVIL DRAWINGS.

2A. REMOVE EXISTING CONCRETE WALKWAY. SEE CIVIL DRAWINGS.

3. EXISTING CAST IRON OR STEEL COLUMN TO REMAIN.
4. LINE OF EXISTING STRUCTURE ABOVE TO REMAIN (BEAM, HEADER, ROOF OVERHANG, ETC.). IF BEAM IS CONCEALED - REMOVE PLASTER OR DRYWALL ENCLOSURE AT BEAM.
5. LINE OF EXISTING BRICK/STONE ARCHES ABOVE TO REMAIN.
6. REMOVE EXISTING SLAB ON GRADE. PREP FOR NEW SLAB AND WATERPROOFING.
7. LOCATION OF EXISTING BASEMENT WINDOW WELL.
8. EXISTING WOOD FRAMED STAIRS TO REMAIN. MODIFY BOTTOM RISER(S) AS REQ'D IF LOCATED AT NEW BASEMENT SLAB.
9. REMOVE EXISTING WOOD STAIRS IN ITS ENTIRETY.
10. LOCATION OF EXISTING ELECTRIC EQUIPMENT. SEE MEP DRAWINGS.
11. LOCATION OF EXISTING GAS SERVICE. SEE MEP DRAWINGS.
12. LOCATION OF EXISTING WATER OR FIRE SERVICE. SEE MEP & FP DRAWINGS.
13. EXISTING SPACE UNDER SIDEWALK/R.O.W.
14. REMOVE EXISTING INFILL @ FOUNDATION WALL OPENING. CONTACT ARCHITECT WHEN AREA IS ACCESSIBLE FOR INVESTIGATION.
15. REMOVE EXISTING STRUCTURE. PROVIDE TEMPORARY SHORING. SEE STRUCTURAL DRAWINGS.
16. REMOVE STONE SILL AS REQUIRED FOR CONSTRUCTION OF NEW HANDICAP ACCESSIBLE ENTRANCE. SEE NEW WORK PLANS AND STRUCTURAL DRAWINGS.
17. REMOVE AREA OF CONCRETE SLAB OR WOOD FLOOR FRAMING AS REQUIRED FOR CONSTRUCTION OF NEW HANDICAP ACCESSIBLE ENTRANCE. SEE NEW WORK PLANS AND STRUCTURAL DRAWINGS.
18. REMOVE AREA OF FLOOR FRAMING AS REQUIRED FOR NEW WORK. SEE NEW WORK PLANS AND STRUCTURAL DRAWINGS. PROVIDE TEMPORARY BRACING OR SHORING AS REQUIRED.
19. NEW MASONRY OPENING. SEE NEW WORK PLANS AND STRUCTURAL DRAWINGS. PROVIDE TEMPORARY BRACING OR SHORING AS REQUIRED.
20. LINE OF EXISTING BAY WINDOW ABOVE. REMOVE UNDERSIDE OF BAY ENOUGH FOR ARCHITECT AND STRUCTURAL ENGINEER TO INSPECT FLOOR STRUCTURE.
21. EXISTING FIRE ESCAPE TO REMAIN. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FIRE ESCAPE EXAMINATION INSPECTION AND REPAIRS PER CITY OF CINCINNATI. CLEAN AND PAINT.
22. REMOVE PORTION OF EXISTING FIRE ESCAPE AT 4TH FLOOR THAT CONNECTS TO THE ADJACENT BUILDING'S EXISTING FIRE ESCAPE. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FIRE ESCAPE EXAMINATION, INSPECTION, AND REPAIRS PER CITY OF CINCINNATI. CLEAN AND PAINT.
23. MODIFY EXIST. FIRE ESCAPE LADDER AS REQUIRED TO ACCOMMODATE NEW SLAB HEIGHT. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FIRE ESCAPE EXAMINATION INSPECTION AND REPAIRS PER CITY OF CINCINNATI. CLEAN AND PAINT.
24. EXISTING STONE ENTRY STEP(S) TO REMAIN.
25. REMOVE EXISTING DOWNSPOUT.
26. REMOVE EXISTING HUNG GUTTER AND ALL ANCHORS.
27. REMOVE EXISTING CONCRETE STEP(S).
28. REMOVE EXISTING GLASS BLOCK AND INFILL IN HISTORIC MASONRY OPENING. EXERCISE CAUTION SO AS NOT TO DAMAGE ADJACENT HISTORIC MASONRY.
29. REMOVE EXISTING WALL FURRING. EXERCISE CAUTION SO AS NOT TO DAMAGE HISTORIC PLASTER AND TRIM BEHIND FURRING. EXISTING PLASTER, BASEBOARD AND WINDOW TRIM BEHIND FURRING TO REMAIN. CONTACT ARCHITECT WHEN FURRING HAS BEEN REMOVED FOR INSPECTION.
30. EXISTING INTERCOM BOX TO BE REMOVED.
31. EXISTING CONDENSING UNIT, METAL SURROUND AND ASSOCIATED ANCHORS AND ATTACHMENTS (WHERE OCCURS) TO BE REMOVED.
32. EXISTING WOOD FRAMED STORAGE COMPARTMENT TO REMOVED.
33. EXISTING STEEL FRAME AND GATE TO BE REMOVED.
34. EXISTING BOLLARD TO BE REMOVED IN ITS ENTIRETY.
35. EXISTING CONCRETE RAMP AT ADJACENT BUILDING TO REMAIN. PROTECT DURING ALL PHASES OF CONSTRUCTION. GENERAL CONTRACTOR SHALL COORDINATE WORK IN SHARED PASSAGEWAY WITH ADJACENT PROPERTY OWNER.
36. EXISTING GATE AND FENCE TO BE REMOVED. CONTRACTOR CAN SALVAGE FOR REUSE IF ECONOMICAL. REFER TO NEW WORK PLANS.
37. EXISTING FLOOR DRAIN TO REMAIN. CONTRACTOR TO VERIFY IF DRAIN IS IN WORKING CONDITION. SEE PLUMBING DRAWINGS.
38. EXISTING SURFACE-MOUNTED MAILBOXES TO BE REMOVED. EXERCISE CAUTION SO NOT TO DAMAGE HISTORIC BEADBOARD OR PLASTER. REFER TO NEW WORK PLANS.
39. EXISTING 1-STORY ADDITION TO BE DEMOLISHED. REMOVE EXISTING SLAB ON GRADE (ASSUMED - VIF). SEE NEW WORK PLAN AND STRUCTURAL DRAWINGS.
40. NEW DOOR OPENING AT LOCATION OF EXISTING WINDOW OPENING. REMOVE EXISTING MASONRY INFILL, REMOVE SILL AND PORTIONS OF MASONRY WALL BELOW SILL AS REQUIRED TO INSTALL NEW DOOR, FRAME, AND TRANSOM. MASONRY OPENING WILL NEED ENLARGED AS SHOWN - PROVIDE TEMPORARY BRACING OR SHORING AS REQ'D. SEE STRUCTURAL DWGS FOR LINTEL. COORDINATE WITH NEW WORK PLANS FOR REQ'D DIMENSIONS.
41. LOCATION OF EXISTING ROOF HATCH. REFER TO NEW WORK PLANS.
42. EXISTING METAL OR STONE CHIMNEY CAPS. REPLACE IF CAP IF DETERIORATED OR MISSING.
43. REMOVE AND REPLACE DETERIORATED WOOD RAKE BOARDS. REFER TO NEW WORK PLANS AND ELEVATIONS.
44. EXISTING BRICK SITE PARTY WALL TO REMAIN. REMOVE DAMAGED METAL COPING. REFER TO NEW WORK PLANS.
45. EXISTING BATT INSULATION AT ATTIC FLOOR AND CEILING TO BE REMOVED.
46. REMOVE EXISTING STOOP CONSTRUCTION AS REQUIRED TO ACCOMMODATE NEW WORK.
47. ARCHITECT WAS NOT ABLE TO ACCESS THIS AREA. CONTACT ARCHITECT WHEN ACCESSIBLE.
48. EXISTING BRICK PARAPET WALL WITH TERRA COTTA COPING TO REMAIN. REFER TO GENERAL NOTES FOR MASONRY CLEANING AND RESTORATION. SEE ROOF NEW WORK PLANS FOR COPING REPAIRS.
49. CUT NEW OR ENLARGED OPENING IN EXISTING ROOF OR ATTIC STRUCTURE FOR NEW ROOF HATCH. SEE NEW WORK PLANS AND STRUCTURAL DWGS.
50. CONTRACTOR TO SALVAGE EXIST. BATH TUB FOR REUSE IF IN GOOD CONDITION. REMOVE EXIST. TUB SURROUND. REFER TO NEW WORK AND PLUMBING PLANS. ENSURE TUB AT FIRE-RATED WALL DOES NOT INTERRUPT RATING.
51. REMOVE NON-HISTORIC DOOR, FRAME, LINTEL, AND SILL. PREPARE OPENING FOR MASONRY INFILL PER NEW WORK PLANS.
52. LINE INDICATES SLOPED UNDERSIDE OF EXISTING HISTORIC STAIR ABOVE. REMOVE FINISHES AND PREP FOR NEW GYP. BOARD AND FIRE RATING WHERE NOTED ON NEW WORK PLANS.
53. REMOVE HISTORIC WOOD BEADBOARD AT CEILING.
54. REMOVE FLOOR HATCH. PREP FLOOR OPENING FOR INFILL. REFER TO NEW WORK PLANS AND STRUCTURAL DWGS.
55. LOCATION OF INTERNAL ROOF DRAIN LEADER. CONTRACTOR TO VERIFY CONDITION OF LEADER AND STORM CONNECTION, SCOPE EXISTING BELOW-GRADE STORM LINES. REFER TO NEW WORK PLANS AND PLUMBING DWGS.
56. EXISTING STEEL/WOOD JOIST END REINFORCEMENT BEAMS AND POSTS. SEE STRUCTURAL DRAWINGS.
57. EXISTING POST TO REMAIN. SEE STRUCTURAL DRAWINGS.
58. EXISTING CAST IRON CURB TO REMAIN OR BE REPLACED IF DETERIORATED BEYOND REPAIR. SEE EXTERIOR ELEVATIONS AND STRUCTURAL DWGS.
59. RAISE EXISTING HEADER AT EXISTING OPENING. REFER TO NEW WORK PLANS.
60. REMOVE EXISTING SLAB ON DECK. REFER TO STRUCTURAL DWGS.
61. REMOVE PORTION OF SLAB AND EXCAVATE AS REQUIRED FOR NEW FOOTINGS. SHOWN FOR REFERENCE. SEE STRUCTURAL DRAWINGS AND NEW WORK PLAN.



1 / A2.5 — ROOF DEMOLITION PLAN

1/4" = 1'-0"

N

0 2 4 8 16

NOT FOR CONSTRUCTION

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3CDC CINCINNATI CENTER CITY DEVELOPMENT CORPORATION

ISSUE LOG:

06.02.2023
ISSUE FOR PERMIT

⚠1 07.14.2023
PERMIT REVISION 1

09.21.2023
OHFA PRELIM. SUBMISSION

ROOF
DEMOLITION PLAN

A2.5

PRELIMINARY: NOT FOR CONSTRUCTION

NEW WORK PLAN GRAPHIC KEY

- EXISTING MASONRY WALL
- EXISTING FRAMED WALL
- EXISTING STRUCTURE ABOVE TO REMAIN
- NEW FRAMED WALL
- NEW MASONRY WALL (CMU/BRICK)
- 1-HR FIRE-RATED WALL
- 2-HR FIRE-RATED WALL
- CENTERLINE OF EXISTING OR NEW BEAM / LINTEL ABOVE. SEE STRUCTURAL DRAWINGS
- HATCH INDICATES AREA OF NEW LOWERED GYP. BD. CEILING (ABOVE). DASHED LINE INDICATES FACE OF SOFFIT (ABOVE). TYPICAL DROP FOR MEP ROUTING IS 18" FROM HIGH CLG., U.N.O. SEE KEY NOTE #35 FOR ADDT'L INFO.
- HATCH INDICATES LOWERED SOFFIT ABOVE KITCHEN CABINETRY, ALIGN W/TOP OF CABINETRY, U.N.O. SEE KEY NOTE #35 FOR ADDT'L INFO.
- AREA OF NEW FLOOR OR ROOF INFILL
- AREA OF NEW CONCRETE SLAB. SEE STRUCTURAL / CIVIL DWGS.

NEW WORK PLAN GENERAL NOTES

1. DO NOT SCALE DRAWINGS. REFER TO DIMENSIONS AND NOTES.
2. DIMENSIONS ARE TO NEW FINISH FACE OR EXISTING FINISH, U.N.O. NEW MASONRY WALLS AND MASONRY OPENINGS ARE DIMENSIONED TO MASONRY.
 - EXISTING FRAMED WALLS AT 1629 VINE ST. ARE DIMENSIONED TO FACE OF STUD.
3. SEE A8.0, A8.1, & A8.2 FOR TYPICAL KITCHEN AND BATHROOM ENLARGED PLANS AND ELEVATIONS.
4. LOAD-BEARING WALLS, COLUMNS, BEAMS, AND STRUCTURAL ELEMENTS TO REMAIN, U.N.O.
5. PATCH AND REPAIR ALL SURFACES TO MATCH EXISTING ADJACENT CONSTRUCTION AT AREAS OF DEMOLITION AND NEW CONSTRUCTION.
6. CLEAN BRICK AND STONE MASONRY PER SPECIFICATIONS. PROVIDE TEST AREA FOR REVIEW.
7. REPLACE ALL MISSING, CRACKED, ERODED, OR SPALLED BRICKS WITH SALVAGED HISTORIC BRICKS OR NEW BRICKS TO MATCH HISTORIC BRICKS. EXERCISE CARE SO AS NOT TO DAMAGE ADJACENT HISTORIC BRICKS TO REMAIN. REPOINT ALL MISSING, DETERIORATED, OR SOFT MORTAR JOINTS IN ALL MASONRY. REFER TO EXTERIOR ELEVATIONS AND SPECIFICATIONS FOR ADDITIONAL REQ'S.
8. REPLACE CRACKED STONE LINTELS AND SILLS TO MATCH EXISTING.
9. UNPAINTED EXTERIOR MASONRY IS TO REMAIN UNPAINTED. PAINTED EXTERIOR MASONRY IS TO BE RE-PAINTED - COLOR TBD BY ARCHITECT.
10. NEW DOORS IN STUD WALLS LOCATED IN CORNERS ARE NOT DIMENSIONED ON PLANS. INSTALL NEW DOOR 4" FROM END WALL TO INSIDE OF FRAME, U.N.O.
11. NEW CLOSET DOORS ARE TO BE CENTERED ON CLOSET, U.N.O.
12. PROVIDE BLOCKING AS REQUIRED IN WALLS FOR NEW PARTITIONS, FIXTURES, SHELVING, CABINETS, BATHROOM ACCESSORIES, ETC.
13. ALL EXISTING OPENINGS WHERE NEW DOORS ARE TO BE LOCATED ARE TO BE FIELD VERIFIED. ALL OPENINGS MUST BE ASSUMED TO BE UNIQUE.
14. AT NEW AND MODIFIED MASONRY OPENINGS, WHERE MASONRY IS EXPOSED, TOOTH-OUT AND KEY-IN MATCHING BRICK. PROVIDE SALVAGED/NEW BRICK TO MATCH EXISTING.
15. PROVIDE P.T. WOOD SILL PLATE AT WOOD STUD WALLS IN CONTACT CONC. OR MASONRY.
16. SEE MEP DRAWINGS FOR LOCATIONS OF ROOF PENETRATIONS. PROVIDE PENETRATION FLASHING PER ROOFING MFR'S REQUIREMENTS AND RECOMMENDATIONS.
17. CEILING HEIGHTS INDICATED ON PLANS ARE FROM FINISH FLOOR TO FINISH CEILING. COORDINATE WITH MEP ROUTING. CONTACT ARCHITECT FOR DISCREPANCIES.
18. PROVIDE FIREBLOCKING IN ALL NEW ASSEMBLIES PER SECTION 718.2 OBC.
19. THROUGH PENETRATIONS OF FLOOR / CEILING ASSEMBLIES AND WALL ASSEMBLIES INDICATED TO BE FIRE RATED SHALL BE PROTECTED PER PER SECTIONS 714.3.1 & 714.4.1 OBC.
20. SEE STRUCT. DWGS. FOR TYPICAL JOIST REPAIR AND REINFORCING DETAILS FOR DAMAGED JOISTS DISCOVERED IN THE FIELD AND FOR MODIFICATIONS TO EXISTING JOISTS. VERIFY SCOPE IN FIELD.
21. DIMENSIONS @ TUBS & SHOWERS SHOWN FOR REFERENCE AND MUST BE COORDINATED w/ FIXTURE MFR. INSTALLATION INSTRUCTIONS AND WALL FINISH INSTALLATION.
22. PROVIDE RADON MITIGATION SYSTEM IN ACCORDANCE WITH OHFA AND ECG (GREEN STANDARD) REQUIREMENTS. RADON MITIGATION SYSTEM IS DELEGATED DESIGN, BY GC. ALL RADON PIPING ABOVE BASEMENT IS TO BE CONCEALED BEHIND FINISHES. PROVIDE ELECTRICAL POWER TO THE ATTIC OR ROOF AS REQ'D FOR FUTURE FANS IN CASE TESTING DETERMINES THAT AN ACTIVE SYSTEM IS REQUIRED.
23. REPLACE DETERIORATED OR MISSING SUBFLOOR WHERE OCCURS. VIF SCOPE OF REPLACEMENT.
24. REPLACE DETERIORATED OR MISSING ROOF SHEATHING WHERE OCCURS. VIF SCOPE OF REPLACEMENT. NEW ROOF SHEATHING w/ IN 4' OF AN INTERIOR LOT LINE SHALL BE F.R.T. WOOD.
25. PATCH EXISTING CONCRETE SLABS FLUSH AS REQUIRED AT LOCATIONS OF UNDER-SLAB PLUMBING (NOT SHOWN ON DRAWINGS).
26. ALL OF THE EXISTING TO REMAIN CONSTRUCTION MUST BE REVIEWED IN THE FIELD, AND IN SOME CASES, SUB-STANDARD CONSTRUCTION MUST BE RECTIFIED, INCLUDING BUT NOT LIMITED TO DISCONTINUOUS RATED WALL ASSEMBLIES AND MISSING DRAFTSTOPPING.
27. WHERE THE DRAWINGS SHOW WORK ABUTTING OR ENCROACHING ONTO NEIGHBORING PROPERTIES, THE GC SHALL COORDINATE WITH NEIGHBORING PROPERTY OWNERS PRIOR TO PROCEEDING WITH WORK.
28. SEE 9.0 FOR TYPICAL COMMERCIAL SPACE RESTROOM ENLARGED PLANS AND ELEVATIONS.
29. EXPOSED CONDUIT INTERIOR AND EXTERIOR, EXPOSED DUCTWORK, AND EXPOSED SPRINKLER LINES SHOULD BE PAINTED TO MATCH THE SURFACE IT IS ON.

⟨X⟩ HISTORIC KEYNOTES

- REFER TO DOOR AND WINDOW TAGS ON NEW WORK PLANS AND TO DOOR AND WINDOW SCHEDULES ON SHEETS A0.4 AND A0.5 FOR DETAILED SCOPE OF WORK AT HISTORIC DOOR AND WINDOW OPENINGS.
- IF NOTE OCCURS AT CENTER OF ROOM, NOTE APPLIES TO ALL WALLS, U.N.O.

A. BRICK TO REMAIN EXPOSED WHERE NO PLASTER IS PRESENT. PROVIDE MASONRY CONSOLIDATOR. PRIME AND PAINT WHERE PREVIOUSLY PAINTED.

CEILINGS

B. REMOVE AND SALVAGE HISTORIC METAL STAMPED CEILING PANELS AND CROWN MOULDING FOR REINSTALLATION OVER FIRE-RATED CEILING. SEE NEW WORK PLANS FOR LOCATION OF REINSTALLED CEILING.

C. NOT USED

D. NOT USED

INTERIOR TRIM

E. EXISTING HISTORIC WOOD BASEBOARD TO REMAIN IN PLACE. REPAIR TO MATCH EXISTING WHERE DAMAGED OR DETERIORATED AND PAINT.

F. REMOVE AND SALVAGE EXISTING HISTORIC WOOD BASEBOARD FOR REINSTALLATION WHERE WALL IS TO BE FURRED OUT FOR THERMAL INSULATION OR WHERE PLASTER IS TO BE REMOVED TO IMPROVE FIRE RESISTANCE RATING (SEE WALL TYPES AND NEW WORK PLANS FOR ADDITIONAL INFORMATION). REINSTALL SALVAGED HISTORIC BASEBOARD OVER NEW GYPSUM BOARD. REPAIR, PRIME AND PAINT.

G. REMOVE EXISTING HISTORIC BASEBOARD REMNANTS.

H. HISTORIC WOOD BEADBOARD WAINSCOT AND CHAIR RAIL TO REMAIN - REPAIR AND PAINT. WHERE DETERIORATED OR MISSING PROVIDE NEW TO MATCH - PAINT.

I. REMOVE EXISTING HISTORIC WOOD BEADBOARD WAINSCOT AND CHAIR RAIL. SALVAGE FOR RELOCATION. INSTALL AT STAIRHALL WALLS NOW EXPOSED BY SHAFT WALL DEMOLITION - SEE NEW WORK PLANS. REPAIR, PRIME, PAINT.

J. REMOVE EXISTING HISTORIC CROWN MOULDING REMNANTS.

K. EXISTING HISTORIC MANTEL AND HEARTH (WHERE OCCURS) TO REMAIN IN PLACE. CLEAN AND REPAIR AS REQ'D. PROVIDE NEW PAINT AT MANTEL WHERE PREVIOUSLY PAINTED. PROVIDE NEW STAIN AT MANTEL WHERE PREVIOUSLY STAINED.

FLOORING

L. HISTORIC WOOD FLOORING TO REMAIN. PATCH ALL DAMAGED, DETERIORATED, OR MISSING BOARDS. REFINISH. SEE FINISH SCHEDULE ON A0.2 FOR ADDITIONAL INFO.

M. EXISTING HISTORIC MOSAIC TILE FLOORS TO REMAIN IN PLACE. REPAIR AS REQ'D. SEE FINISH SCHEDULE ON A0.2.

N. EXISTING WOOD FLOORING TO BE CONCEALED BY NEW FINISH FLOORING AS INDICATED ON FINISH SCHEDULE. SEE A0.2 FOR ADDITIONAL INFO.

O. REMOVE EXISTING HISTORIC METAL FLOOR GRATE AND SALVAGE FOR REINSTALLATION AT EXISTING LOCATION ABOVE NEW FLOOR INFILL. GRATE SHALL BE FLUSH WITH NEW FLOORING.

P. CONTEMPORARY VINYL FLOORING AND LUAN SUBSTRATE TO BE CAREFULLY REMOVED TO EXPOSE EXISTING HISTORIC WOOD FLOORING. PATCH ALL DAMAGED, DETERIORATED, OR MISSING BOARDS. REFINISH. SEE FINISH SCHEDULE ON A0.2 FOR ADDITIONAL INFO.

Q. EXISTING HISTORIC STAIR, NEWEL POSTS, NEWEL POST CAPS, BALUSTRADES, AND HANDRAILS (WHERE OCCURS) TO REMAIN. REPAIR OR REPLACE DAMAGED / DETERIORATED / MISSING STAIR COMPONENTS TO MATCH EXIST. PAINT.

R. EXISTING HISTORIC SKYLIGHT TO REMAIN. REPAIR AND REGLAZE AS REQUIRED. SEE STRUCTURAL DWGS. HISTORIC WOOD BEADBOARD SURROUND TO REMAIN. REPAIR AS REQ'D - PAINT.

S. HISTORIC WOOD BEADBOARD SURROUND AT ABANDONED, INFILLED, SKYLIGHT TO REMAIN. REMOVE, SALVAGE, AND REINSTALL OR REPLICATE HISTORIC BEADBOARD SURROUND AS REQ'D TO FIRE-RATE SURROUNDING BEAMS. PAINT.

WINDOWS*

- ***COMBINE LETTERS IN "WINDOW" CATEGORY WITH NUMBERS OF "WINDOW TRIM" CATEGORY**

T. REMOVE NON-HISTORIC WINDOW. HISTORIC WOOD WEIGHT BOX AND BRICK MOULD TO REMAIN. INSTALL NEW WINDOW WITHIN WEIGHT BOX. REPLACE DETERIORATED HISTORIC WOOD BRICK MOULD TO MATCH HISTORIC PROFILE IF REQUIRED. PAINT.

U. PROVIDE NEW CUSTOM WOOD WINDOW AND BRICKMOULD TO MATCH EXISTING ADJACENT HISTORIC WINDOW. INSTALLATION TO MATCH HISTORIC INSTALLATION - PAINT.

V. REMOVE NON-HISTORIC WINDOW OR INFILL (WHERE OCCURS) BACK TO HISTORIC ROUGH MASONRY OPENING, INCLUDING BLOCKING, WEIGHT BOXES, AND BRICK MOULD (WHERE PRESENT). INFILL PER NEW WORK PLANS. EXISTING EXTERIOR HEADER AND SILL TO REMAIN. REFER TO NEW WORK PLANS.

W. EXISTING HISTORIC WOOD WINDOW AND ALL ASSOCIATED WINDOW COMPONENTS TO REMAIN. REPAIR TO AN OPERABLE CONDITION - PAINT. INSTALL NEW EXTERIOR STORM WINDOW (WHERE APPLICABLE).

X. NOT USED

WINDOW TRIM

REFER TO NOTES BELOW FOR TREATMENT OF INTERIOR WINDOW TRIM:

1. EXISTING HISTORIC INTERIOR WOOD WINDOW TRIM TO REMAIN IN PLACE. REPAIR TO MATCH EXISTING WHERE DAMAGED OR DETERIORATED. PAINT.
2. REMOVE AND SALVAGE HISTORIC INTERIOR WOOD WINDOW TRIM FOR REINSTALLATION. REPAIR TO MATCH EXISTING WHERE DAMAGED OR DETERIORATED. PROVIDE WOOD JAMB AND SILL EXTENDERS WHERE REQUIRED AT NEWLY FURRED WALLS. PRIME AND PAINT.
3. PROVIDE NEW WOOD WINDOW TRIM TO MATCH ADJACENT HISTORIC WINDOW TRIM. PRIME / PAINT.
4. WHERE NO EXISTING INTERIOR WINDOW TRIM IS PRESENT AT HISTORIC WINDOW OPENING, PROVIDE NEW CONTEMPORARY WOOD WINDOW TRIM. PRIME AND PAINT. SEE TYPICAL TRIM ON SHEET A0.5.

INTERIOR DOORS

Y. EXISTING HISTORIC METAL DOOR AND FRAME TO REMAIN. REPAIR AND PAINT COMPONENTS PREVIOUSLY PAINTED.

Z. EXISTING HISTORIC SLIDING METAL DOOR AND TRACK. REMOVE AND REINSTALL IN FIXED OPEN POSITION. NEW FIRE RATED DOOR AND FRAME TO BE INSTALLED.

AA. EXISTING HISTORIC SLIDING METAL DOOR AND TRACK TO REMAIN. DOOR IS TO BE FIXED IN THE CLOSED POSITION. HISTORIC OPENING TO BE INFILLED.

AB. EXISTING HISTORIC METAL DOOR AND FRAME TO BE REMOVED. INSTALL NEW FIRE RATED DOOR AND FRAME IN EXISTING OPENING.

AC. EXISTING HISTORIC WOOD DOOR, FRAME, AND TRIM TO REMAIN. REPAIR AND PAINT.

AD. EXISTING HISTORIC WOOD DOOR AND FRAME TO REMAIN AND BE FIXED IN CLOSED POSITION. HISTORIC TRIM TO REMAIN ON EXPOSED SIDE ONLY. REFER TO NEW WORK PLANS. REPAIR, PRIME, AND PAINT.

AE. EXISTING HISTORIC WOOD DOOR OR CASED OPENING TRIM TO REMAIN. REPAIR, PRIME, AND PAINT.

AF. REMOVE HISTORIC DOOR AND FRAME. HISTORIC TRIM TO BE SALVAGED AND REINSTALLED IF WALL REMAINS AND APPLICABLE. REPAIR AND PAINT.

AG. HISTORIC WOOD DOOR TRIM TO REMAIN. SALVAGE AND REINSTALL AT NEW DOOR FRAME. REPAIR AND PAINT.

AH. REMOVE EXISTING DOOR. EXISTING FRAME AND TRIM TO REMAIN. REPAIR, PRIME, AND PAINT.

AI. NOT USED

AJ. NOT USED.

AK. REMOVE EXISTING DOOR. EXISTING HISTORIC WOOD FRAME AND TRANSOM TO REMAIN. REPAIR AND PAINT. PROVIDE NEW GLAZING OR PLYWOOD PANEL AT EXISTING TRANSOM AS INDICATED ON DOOR SCHEDULE. HISTORIC TRIM TO REMAIN AT STAIR SIDE ONLY. SALVAGE HISTORIC TRIM FROM UNIT SIDE FOR REINSTALLATION OVER NEW FIRE RATED FRAME, IF REQUIRED.

EXTERIOR

AL. HISTORIC STOREFRONT ELEMENTS TO REMAIN. ALL CAST IRON AND / OR STONE ELEMENTS ARE TO REMAIN IN PLACE AND BE STABILIZED. REMOVE ALL NON-HISTORIC STOREFRONT INFILL. PROVIDE TEMPORARY BRACING AND SHORING AS REQ'D. EXERCISE CAUTION SO AS NOT TO DAMAGE HISTORIC ELEMENTS. NOTIFY ARCHITECT/ENGINEER OF RECORD FOLLOWING REMOVAL FOR INSPECTION.

AM. EXISTING CAST IRON CURB TO REMAIN. REPAIR AS REQ'D.

AN. HISTORIC STONE AND METAL ROOF CORNICE/BANDING, BRACKETS, AND MOULDING TO REMAIN. REPAIR DETERIORATED ELEMENTS TO MATCH EXISTING. PAINT IF PREVIOUSLY PAINTED.

AO. EXISTING HISTORIC WOOD TRANSOM BAR AND WOOD BRICK MOULD TO REMAIN - REPAIR AND PAINT. EXISTING NON-HISTORIC ENTRY DOOR AND WOOD FRAMED TRANSOM INFILL TO BE REMOVED. PROVIDE NEW ALUMINUM CLAD WOOD DOOR, SIDE PANEL, AND TRANSOM WINDOW.

AP. HISTORIC WOOD SHUTTERS TO BE REMOVED AND SALVAGED FOR REINSTALLATION IN THE FIXED POSITION. REPAIR AND PAINT. REMOVE EXISTING INTERIOR FRAMING AT OPENING AND PREP FOR NEW INFILL PER NEW WORK PLANS. INTERIOR TRIM TO BE REMOVED AND SALVAGED FOR REINSTALLATION. REPAIR AND PAINT.

AQ. HISTORIC BOX GUTTER TO REMAIN. REPAIR ALL DETERIORATED ELEMENTS. PAINT. PROVIDE NEW ROOF MEMBRANE LINER AND SLOPE TO DRAIN TO NEW OR EXISTING DOWNSPOUT LOCATION.

AR. HISTORIC WOOD BRICK MOULD TO REMAIN - REMOVE EXIST. INFILL. PROVIDE NEW ALUMINUM CLAD WOOD DOORS AND TRANSOM WINDOW.

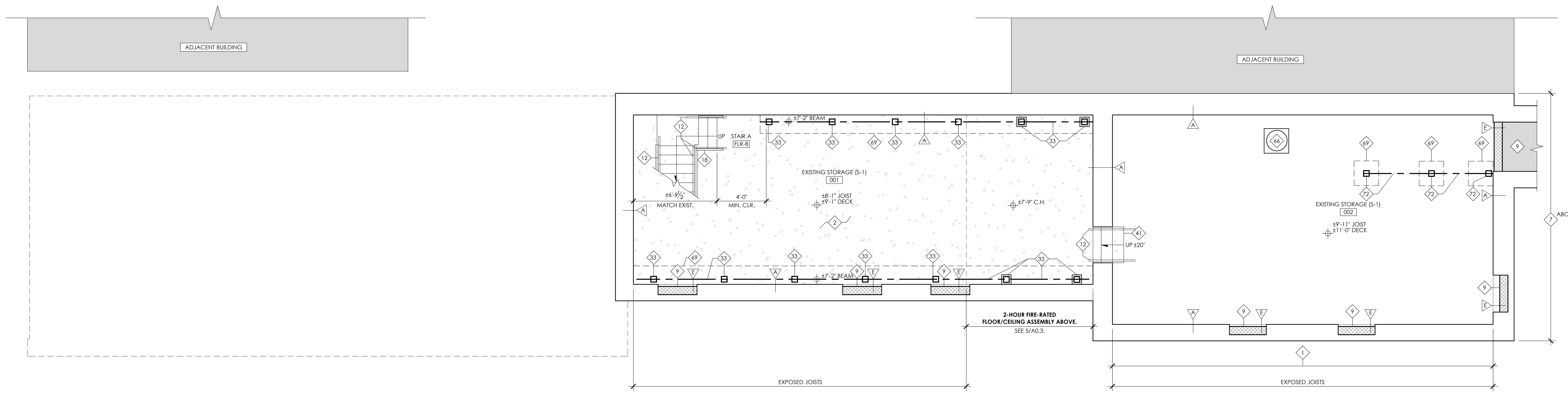
AS. HISTORIC WOOD TRANSOM, BRICK MOULD, AND INTERIOR WOOD TRIM TO REMAIN - REPAIR AND PAINT. INSTALL NEW ALUMINUM CLAD WOOD DOOR.

⟨#⟩ NEW WORK PLAN KEYNOTES

1. EXISTING CONCRETE SLAB TO REMAIN. VIF AREAS OF SEVERE DAMAGE, AND REPAIR TO MATCH EXISTING. PATCH AS REQUIRED FOLLOWING INSTALLATION OF NEW UNDER-SLAB PLUMBING (NOT SHOWN) - SEE PLUMBING DWGS.
2. INTERIOR CONCRETE SLAB ON GRADE. PROVIDE VAPOR RETARDER. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFO.
3. EXISTING STEEL OR CAST IRON COLUMN TO REMAIN. CLEAN AND PRIME. 2-HR FIRE-RATED. PROVIDE INTUMESCENT COATING, SEE DETAIL 1/A0.3.a. SEE STRUCTURAL DWGS.
4. LINE OF EXISTING STRUCTURE ABOVE TO REMAIN (BEAM, HEADER, ROOF OVERHANG, ETC.) / CENTERLINE OF EXISTING BEAM ABOVE.
5. LINE OF EXISTING BRICK/STONE ARCHES ABOVE TO REMAIN. NEW CONCRETE PAVING OCCURS ABOVE - COORDINATE WITH CIVIL AND STRUCTURAL DRAWINGS
6. EXISTING STEEL OR CAST IRON COLUMN TO REMAIN. CLEAN, PAINT.
7. REPLACE EXISTING CONCRETE SIDEWALK. SIDEWALK AND BACKFILL BELOW (WHERE OCCURS) SHALL BE IN ACCORDANCE W/ DOTE STANDARDS. SEE STRUCTURAL AND CIVIL DWGS.

7A. PROVIDE NEW EXTERIOR CONCRETE SLAB ON GRADE. SLOPE ¼" PER FOOT AWAY FROM BUILDINGS. SEE STRUCTURAL DRAWINGS. SEE CIVIL DRAWINGS FOR NEW GRADING, SLOPED CONCRETE WALKS, ETC, AND EXTENT OF CONCRETE CURB REPLACEMENT. SLOPED CONCRETE WALKS SHALL NOT EXCEED 1:20 SLOPE. EXISTING GRANITE CURBS TO REMAIN AND TO BE RAISED WHERE INDICATED ON CIVIL DRAWINGS.

8. STEEL GUARDRAIL (INSIDE DWELLING UNIT) @ 36" AFF, (AT OPEN-SIDED BASEMENT STAIR) @ 42". 1 ½" SQUARE TUBE TOP AND BOTTOM RAILS, VERTICAL STEEL PICKETS @ 4" O.C. GUARD SHALL NOT ALLOW THE PASSAGE OF A 4" SPHERE. DELEGATED DESIGN - GUARDRAIL LOADING SHALL BE IN ACCORDANCE w/ DESIGN LOADS IN STRUCTURAL DRAWINGS. PROVIDE SHOP DRAWINGS.
9. INFILL EXISTING BASEMENT WINDOW WELL/ STAIRWELL / COAL CHUTE. PROVIDE CMU WALL INFILL, FLUID-APPLIED WATERPROOFING AND DRAINAGE/PROTECTION BOARD ON EXTERIOR SIDE OF CMU PRIOR TO INSTALLING FILL. INFILL WELL PER STRUCTURAL DRAWINGS. LOWER TOPS OF EXISTING WALLS AS REQUIRED FOR NEW EXTERIOR GRADES (VIF). WHERE INFILL OCCURS BENEATH R.O.W., INFILL AND PAVING SHALL BE IN ACCORDANCE w/ DOTE STANDARDS. SEE STRUCTURAL DWGS FOR INFILL AND REINFORCING. SEE CIVIL DRAWINGS FOR NEW EXTERIOR GRADING/PAVEMENT, WHERE OCCURS.
10. EXISTING WOOD FRAMED STAIRS AND LANDING TO REMAIN. REPAIR AS REQUIRED, PRIME, AND PAINT.
11. NEW P.T. WOOD BASEMENT STAIR TO REPLACE EXISTING DETERIORATED STAIR. 11" TREAD, 7" MAX RISER HEIGHT, EQUAL HEIGHT RISERS. 6'-8" MIN. HEAD HEIGHT. 36" MIN. STAIR WIDTH, WALL-TO-GUARD. PROVIDE 42" HIGH STEEL GUARDRAIL AT OPEN SIDE OF STAIR. GUARDRAIL IS DELEGATED DESIGN. PROVIDE SHOP DRAWINGS FOR STAIR AND RAILINGS.
12. STEEL HANDRAIL, 1 ½" DIAMETER, PAINTED, @ 36" AFF. WHERE EXISTING CONDITIONS ALLOW, EXTEND 12" HORIZONTALLY AT TOP OF STAIR AND EXTEND DIAGONALLY (1) TREAD DEPTH AT BOTTOM. RETURN HANDRAIL TO WALL AS SHOWN ON FLOOR PLAN (WHERE PLAN CONFIGURATION ALLOWS), OTHERWISE RETURN TO FLOOR. EXTERIOR HANDRAILS TO BE GALVANIZED. **AT RAMPS:** EXTEND HANDRAILS 12" HORIZONTALLY AT TOP AND BOTTOM OF RAMP; WHERE RAMP HANDRAIL IS NOT MOUNTED TO WALL, PROVIDE 1 ½" DIAMETER POSTS, EQUALLY SPACED AT 4' O.C. MAX SPACING. (INSIDE RESIDENTIAL DWELLING UNIT HANDRAIL EXTENSIONS AT TOP AND BOTTOM OF STAIR NOT REQUIRED; SEE PLAN FOR HANDRAIL CONFIGURATION.)
13. **BATHTUB / SHOWER / ROLL-IN SHOWER** BASE WITH TILE SURROUND. SEE PLUMBING DRAWINGS AND INTERIOR ELEVATIONS. PROVIDE GRAB BARS IN ROLL-IN SHOWERS IN ACCESSIBLE UNITS. AT FIRE-RATED WALLS AND EXTERIOR WALLS, GYPSUM BOARD MUST BE CONTINUOUS BEHIND BATH SURROUND. PRIOR TO FRAMING WALLS, VERIFY WALL FRAMING DIMENSIONS w/ BATH MFR, AND COORD. EXACT FRAMING DIMENSIONS IN FIELD. WHERE EXISTING FRAMING OCCURS, FRAMING DIMENSIONS VARY - VIF PRIOR TO ORDERING BATHTUB/SHOWER BASES.
14. STRUCTURAL CONCRETE SLAB ON GALVANIZED METAL DECK TO REPLACE EXIST. SLAB ON DECK. SEE STRUCT DWGS.
15. EXIST. FRAMED HEADER TO BE RAISED - ALIGN W/ ADJACENT SOFFIT FOR CONTINUOUS PLANE. SEE PLAN.
16. NEW WOOD STAIR INSIDE DWELLING UNIT. 10" TREAD, 7 ¾" MAX. RISER HEIGHT. PROVIDE EQUAL HT. RISERS IN EACH STAIR RUN. 6'-8" MIN. HEAD HEIGHT. 36" MIN. STAIR WIDTH, MEASURED WALL-TO-WALL OR WALL-TO-GUARD. PROVIDE PAINTED WD. RISER. TREAD TO MATCH WOOD FLOORING ABOVE. SEE STRUCTURAL DRAWINGS. PROVIDE SHOP DRAWINGS.
17. 2-HOUR FIRE-RATED CEILING MEMBRANE ABOVE. PROVIDE (4) LAYERS OF ⅝" TYPE X GYP. BD. AND FURRING PER DETAIL 5/A0.3.
18. NEW P.T. WOOD STAIR TO REPLACE EXISTING DETERIORATED WOOD STAIR. STAIR CONFIGURATION, TREAD DEPTH AND RISER HEIGHT TO MATCH EXISTING (AN EXISTING NON-COMPLYING CONDITION). PROVIDE 42" HIGH STEEL GUARDRAIL AT OPEN SIDES OF STAIR. GUARDRAIL IS DELEGATED DESIGN. PROVIDE SHOP DRAWINGS FOR STAIR AND RAILINGS. SEE STRUCT DWGS.
19. EXISTING STEEL / WOOD POST AND BEAM JOIST END REINFORCEMENT TO REMAIN, UNO. EVALUATE CONDITION, REPAIR AS REQUIRED. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFO.
20. WOOD RAMP, 1:12 MAXIMUM SLOPE, OVER-FRAMED ATOP NEW LOWERED FLOOR STRUCTURE. 36" MIN CLEAR WIDTH BETWEEN HANDRAILS. SEE STRUCTURAL DRAWINGS.
21. FLOOR STRUCTURE AT ENTRY TO BE LOWERED TO ACCOMMODATE NEW ACCESSIBLE ENTRANCE. COORDINATE NEW LOWERED FLOOR ELEVATION w/ EXTERIOR GRADE SO THAT INTERIOR FINISHED FLOOR ALIGNS w/ EXTERIOR GRADE AT EXTERIOR DOOR THRESHOLD. SEE DEMO PLANS, STRUCT DWGS, AND CIVIL DWGS.
22. EXISTING FIRE ESCAPE TO REMAIN. CLEAN, REPAIR, PAINT. REPAIRS TO FIRE ESCAPE AND CITY OF CINCINNATI F.E. INSPECTION UNDER SEPARATE PERMIT AND DELEGATED DESIGN - NOTED FOR REFERENCE ONLY.
23. USPS/ADA/ANSI-APPROVED MAILBOXES, SURFACE-MOUNTED OR RECESSED, SEE PLAN. SURFACE MOUNTED = 4B+ VERTICAL MAILBOXES, RECESSED = 4B+ HORIZONTAL. MAILBOXES FOR ACCESSIBLE UNITS AND COMMERCIAL SPACES SHALL BE REACHABLE w/ IN 48" AFF. COORDINATE QUANTITIES AND ARRANGEMENT IN FIELD WITH ARCHITECT AND OWNER.
24. NEW STACKED CLOTHES WASHER AND DRYER, SEE APPLIANCE SCHEDULE. PROVIDE PLUMBED WASHER PAN. REFER TO MEP DWGS FOR EXHAUST, PLUMBING, AND ELECTRICAL REQ'S.
25. PRE-FINISHED ALUMINUM DOWNSPOUT, COLOR TBD. PROVIDE NEW PVC BOOT AT GRADE, PAINT TO BLEND WITH EXISTING MASONRY WALL. SCOPE EXISTING STORM LINES TO ENSURE WORKING CONDITION, REPAIR AS REQ'D. SEE PLUMBING DWGS FOR ADDITIONAL INFO.
26. EXISTING CMU WALL INFILL AND PREVIOUSLY FILLED BASEMENT ENCROACHMENT BELOW SIDEWALK TO REMAIN. VERIFY IN FIELD DURING SIDEWALK REPLACEMENT THAT EXISTING BACKFILL CONFORMS TO DOTE REQUIREMENTS. CONTACT ARCHITECT IF EXISTING CONDITIONS ARE FOUND TO DEVIATE FROM ASSUMPTIONS.
27. EXISTING BAY WINDOW ABOVE. EVALUATE JOIST FRAMING, CLADDING AND TRIM AT UNDERSIDE, REPAIR AS REQUIRED. FILL JOIST CAVITY WITH BATT INSULATION, AND PROVIDE "SMART VAPOR BARRIER" AT UNDERSIDE OF JOISTS. REINSTALL SALVAGED CLADDING AND TRIM OR REPLACE IN KIND WITH NEW. IF STRUCTURE IS FOUND TO BE COMPROMISED, CONTACT ARCHITECT AND STRUCTURAL ENGINEER.
28. 20" X 30" LOCKABLE, SELF-CLOSING ACCESS PANEL TO CONCEALED SPACE. FIRE-RATED, WHERE OCCURS IN RATED WALL/CEILING. FIRE RATING IS TO MATCH FIRE-RATING OF RATED ASSEMBLY. GALVANIZED METAL TO PREVENT CORROSION IN BASEMENT. INSTALL PER MFR.'S REQUIREMENTS.
29. STACKED HVAC UNIT AND WATER HEATER. SEE MEP DRAWINGS. PROVIDE BLOCKING AS REQ'D.
30. SURFACE-MOUNTED INTERCOM WITH REMOTE DOOR RELEASE SYSTEM. DELEGATED DESIGN. COORDINATE INSTALLATION AND LOCATION OF IN FIELD WITH OWNER AND ARCHITECT. COORDINATE POWER REQ'S w/ ELECTRICIAN.
31. SHELF + CLOTHES HANGING ROD. IN NON-ACCESSIBLE UNITS, PROVIDE WOOD HANGING ROD @ 60" AFF, WITH PAINTED WOOD SHELF ABOVE. IN ACCESSIBLE UNITS, PROVIDE VINYL-COATED WIRE SHELF WITH HANGING ROD MOUNTED ON ADJUSTABLE HEIGHT STEEL BRACKETS @ 48" AFF. PROVIDE BLOCKING AS REQUIRED.
32. ROOF HATCH ABOVE. SEE ROOF PLAN AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
33. NEW WOOD POST AND BEAM JOIST SUPPORT. 2-HOUR FIRE-RATED WHERE OCCURS AT SUPPORTING CONSTRUCTION BENEATH 2-HR STAIR ENCLOSURE OR 2-HR FLOOR/CEILING ASSEMBLY ABOVE. SEE DETAILS 3 AND 4/A0.3.a. REFER TO STRUCTURAL DWGS.
34. ALIGN EXTERIOR AND INTERIOR FINISHED FLOOR ELEVATIONS AT DOOR THRESHOLD. COORDINATE EXACT ELEVATIONS IN FIELD, SEE CIVIL AND STRUCTURAL DRAWINGS. SLOPE EXTERIOR GRADE AWAY FROM DOOR THRESHOLD 1/4" PER FOOT TO SHED WATER.
35. LINE OF LOWERED GYPSUM BD. CEILING/ FACE OF SOFFIT ABOVE. TYPICAL DROP FOR MEP ROUTING IS 18" FROM HIGH CEILING, UNLESS NOTED OTHERWISE ON PLAN. ABOVE KITCHEN WALL CABINETS, PROVIDE 13" DEEP LOWERED CEILING TO TOP OF WALL CABINETS, U.N.O. SEE CEILING HEIGHTS ON PLAN FOR ADDITIONAL INFO.
36. (5) EQUALLY SPACED PAINTED WOOD SHELVES. 3/4" BIRCH PLYWOOD w/ 1x2 EDGE TRIM.
37. INFILL EXISTING OPENING IN FLOOR STRUCTURE WITH NEW FRAMING TO MATCH EXISTING. NEW FINISHED FLOOR AT AREA OF FLOOR INFILL TO BE FLUSH WITH ADJACENT FINISHED FLOOR. SEE STRUCTURAL DWGS.
38. ROUTE SANITARY PLUMBING FROM 2ND FLOOR HORIZONTALLY THROUGH FIRE-RATED FLOOR/CEILING ASSEMBLY WITHOUT ENTERING FIRE-RATED RATED STAIR ENCLOSURE. CONTACT ARCHITECT IF PROPOSED ROUTING IS NOT FEASIBLE. SEE PLUMBING DRAWINGS.
39. 1623 VINE UNITS 11&12 ONLY: KITCHEN WALL CABINET HEIGHT VARIES AT 7'-0" SOFFIT CONDITION AT SLOPED CEILING. REFER TO A8 SHEET SERIES FOR INTERIOR ELEVATIONS AND MODIFY WALL CABINET HEIGHT AS REQUIRED FOR DECREASED SOFFIT HEIGHT. MAINTAIN TYPICAL BACKSPLASH HEIGHT ABOVE COUNTER.
40. NEW CONCRETE STAIR AT EXTERIOR ENTRY. 11" TREADS, EQUAL HEIGHT RISER(S) (7" MAX). SEE STRUCTURAL DWGS. FOR ADDITIONAL INFO AND REINFORCING.
41. NEW CONCRETE STAIR AT BASEMENT. 11" TREADS, EQUAL HEIGHT RISER(S) (7" MAX). SEE STRUCTURAL DWGS. FOR ADDITIONAL INFO AND REINFORCING.
42. NEW STEEL COLUMN. SEE STRUCTURAL DRAWINGS.
43. SIDE-BY-SIDE WASHER/DRYER, SEE APPLIANCE SCHEDULE. IN ORDER TO MEET ACCESSIBILITY REQUIREMENTS, A 4" RISER/PEDESTAL FROM MANUFACTURER MAY BE REQUIRED. PROVIDE PLUMBED WASHER PAN. REFER TO MEP DWGS FOR EXHAUST, PLUMBING, AND ELECTRICAL REQ'S.
44. (2) EACH - COMMERCIAL FRONT-LOADING WASHERS AND DRYERS IN COMMUNAL LAUNDRY ROOM. SEE APPLIANCE SCHEDULE. SEE MEP DRAWINGS.
45. LOCATION OF INTERNAL ROOF DRAIN LEADER. EVALUATE CONDITION OF LEADER AND STORM CONNECTION, SCOPE EXISTING BELOW-GRADE STORM LINES, REPAIR/REPLACE AS REQUIRED. SEE PLUMBING DRAWINGS.
46. EXISTING STONE STEP(S) TO REMAIN.
47. (5) EQUALLY SPACED, VINYL-COATED WIRE SHELVES ON WALL-MOUNTED ADJUSTABLE STEEL BRACKETS. PROVIDE BLOCKING AS REQUIRED.
48. LOCATION OF WALL-MOUNTED DOOR OPERATOR BUTTON FOR SECURITY GATE @ 48" MAX AFF. DOOR OPERATOR IS TIED TO REMOTE ACCESS CONTROL SYSTEM. COORDINATE EXACT LOCATION IN FIELD w/ OWNER AND ARCHITECT. COORDINATE ELECTRICAL POWER AS REQUIRED.
49. 6' HIGH ALUMINUM PICKET FENCE WITH LOCKABLE GATE. COORDINATE EXACT LOCATION IN FIELD AND WITH ADJACENT PROPERTY OWNER TO AVOID OBSTRUCTING WINDOWS, INCLUDING WINDOWS OF THE ADJACENT BUILDING. SEE CIVIL DRAWINGS.
50. EXISTING CONCRETE RAMP AT ADJACENT BUILDING TO REMAIN - SHOWN FOR REFERENCE. PROTECT DURING CONSTRUCTION. GC SHALL COORDINATE WORK IN SHARED PASSAGEWAY WITH ADJACENT PROPERTY OWNER.
51. HVAC CHASE FROM BASEMENT TO 1ST FLOOR. SEE MEP DRAWINGS. SEE STRUCTURAL DWGS FOR OPNG.
52. MODIFY EXISTING FIRE ESCAPE LADDER AS REQUIRED TO ACCOMMODATE NEW SLAB ELEVATION. CLEAN AND PAINT. GC IS RESPONSIBLE FOR FIRE ESCAPE INSPECTION AND REPAIRS PER CITY OF CINCINNATI (SEPARATE PERMIT).
53. FUTURE HOOD EXHAUST AND MAKE-UP AIR FOR 1ST FLOOR COMMERCIAL SPACE, UNDER SEPARATE PERMIT - SHOWN FOR REFERENCE ONLY. SEE MEP AND STRUCTURAL DRAWINGS FOR ADDITIONAL REFERENCE INFORMATION.
54. SINK: IN "ANSI TYPE A" MOBILITY UNITS, PROVIDE ACCESSIBLE SINK BASE w/ REMOVABLE FRONT. MIN. 30" WIDE CLEAR OPEN SPACE AT SINKS WITH ANSI A117.1-COMPLIANT KNEE AND TOE CLEARANCE. FLOOR FINISH AND WALL FINISH TO EXTEND UNDER AND BEHIND CABINETRY. 34" MAX. COUNTER HEIGHT, TYP. SEE INTERIOR ELEVATIONS A8.0, AND PLUMBING DRAWINGS FOR ADDITIONAL REQ'S.
55. KITCHEN WORK SURFACE: IN "ANSI TYPE A" MOBILITY UNITS, PROVIDE COUNTERTOP WORK SURFACE IN KITCHEN w/ 30" WIDE CLEAR FLOOR SPACE. PROVIDE FINISHED END PANELS @ EXPOSED SIDES. 34" MAX. COUNTER HEIGHT, TYP. FLOOR FINISH AND WALL FINISH TO EXTEND UNDER & BEHIND CABINETRY. SEE INTERIOR ELEVATIONS ON SHEET A8.0.
56. LINE OF EXTERIOR MASONRY WALL ABOVE, SHOWN FOR REFERENCE. SUPPORTING CONSTRUCTION IS TO BE 2-HR RATED, AND INDIVIDUALLY ENCASED. STEEL BEAMS ASSUMED - SEE DETAIL 1/A0.3.a FOR RATING. CONTACT ARCHITECT IF EXISTING CONDITIONS VARY FROM THESE ASSUMPTIONS.
57. CONCRETE SLOPE WITHIN DOOR CLEARANCE AREA TO BE 1/4" PER FOOT TO DRAIN WATER. SEE CIVIL DRAWINGS FOR ADDITIONAL GRADING INFORMATION.
58. EXISTING INFILL w/ STUCCO FINISH TO REMAIN. EVALUATE CONDITION IN FIELD, AND REPAIR AS REQ'D TO MATCH EXISTING CONSTRUCTION. PAINT. AT INTERIOR, FUR OUT WALL WITHIN OPENING TO ALIGN WITH ADJACENT SURFACE. PAINT.
59. 2-HR FIRE-RATED STEEL BEAM ABOVE. PROVIDE SFRM PER DETAIL 3/A0.3.a.
60. USPS/ADA/ANSI APPROVED RESIDENTIAL STYLE EXTERIOR GRADE SURFACE-MOUNTED LOCKABLE MAILBOX. MOUNT SO KEY IS 48" MAX ABOVE GRADE. COORDINATE QUANTITIES AND ARRANGEMENT IN FIELD WITH ARCHITECT AND OWNER.
61. EXISTING MASONRY SITE PARTY WALL TO REMAIN. PROVIDE NEW ALUMINUM COPING. SEE SPECIFICATIONS.
62. NEW FLOOR DRAIN. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION AND FOR ADDITIONAL FLOOR DRAIN LOCATIONS NOT ILLUSTRATED ON THESE PLANS.
63. NEW OR EXISTING CURB. SEE EXTERIOR ELEVATIONS AND STRUCTURAL DWGS.
64. EXISTING 1-HR FIRE-RATED WALL (UL 340) TO REMAIN. CONTRACTOR TO VERIFY THAT EXISTING FINDINGS IN THE FIELD AND NECESSARY REPAIRS / MODIFICATIONS (WHERE REQUIRED) ALIGN WITH THE UL LISTING.
65. EXISTING 1-HR FIRE-RATED WALL (GA FILE NO. WP 1072) TO REMAIN. CONTRACTOR TO VERIFY THAT EXISTING FINDINGS IN THE FIELD AND NECESSARY REPAIRS (WHERE REQUIRED) ALIGN WITH THE UL LISTING AND THAT EXIST. WALL IS CONTINUOUS TO UNDERSIDE FLOOR SHEATHING ABOVE.
66. NEW HVAC UNIT SERVING COMMERCIAL SPACE ABOVE. REFER TO MEP DWGS.
67. NEW WATER HEATER. REFER TO MEP DWGS.
68. INFILL HISTORIC DOOR OPENING PER WALL TYPE SHOWN ON PLAN. PROVIDE PRIMED AND PAINTED DOOR TRIM (SALVAGED OR NEW TO MATCH ADJACENT STAIRHALL DOORS) AT STAIRHALL SIDE ONLY TO SHOW OUTLINE OF PREVIOUS DOOR LOCATION.
69. NEW CONCRETE FOOTING AT NEW STRUCTURE. FOOTING TO BE FLUSH WITH EXISTING FLOOR SLAB, TYP. COORDINATE EXACT LOCATION IN FIELD. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
70. WITHIN EXIST. SLOPED CEILING PORTION OF BUILDING, HOLD NEW SOFFITS / DROPPED CLGS AS HIGH AS POSSIBLE (7'-0" MIN. CLR. HEIGHT). DROPPED CEILINGS TO BE FLAT (NOT SLOPED). REFER TO MEP DWGS.
71. CENTERLINE OF NEW LINTEL / BEAM ABOVE. SEE STRUCTURAL DRAWINGS.
72. NEW WOOD POST AND BEAM (ABOVE). SEE STRUCTURAL DRAWINGS.
73. LOW WALL w/ PAINTED 1" THICK WOOD CAP TO CONCEAL PLUMBING. MATCH HEIGHT OF STOREFRONT WALL SILL. KEEP TO MINIMUM SIZE (COORD. IN FIELD).



1/A3.0 BASEMENT NEW WORK PLAN

1/4" = 1'-0"

N

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NOT FOR CONSTRUCTION

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ISSUE LOG:

06.02.2023 ISSUE FOR PERMIT

⚠1 07.14.2023 PERMIT REVISION 1

09.21.2023 OHFA PRELIM. SUBMISSION

BASEMENT NEW WORK PLAN

A3.0

PRELIMINARY: NOT FOR CONSTRUCTION

NEW WORK PLAN GRAPHIC KEY

- EXISTING MASONRY WALL
- EXISTING FRAMED WALL
- EXISTING STRUCTURE ABOVE TO REMAIN
- NEW FRAMED WALL
- NEW MASONRY WALL (CMU/BRICK)
- 1-HR FIRE-RATED WALL
- 2-HR FIRE-RATED WALL
- CENTERLINE OF EXISTING OR NEW BEAM / LINTEL ABOVE. SEE STRUCTURAL DRAWINGS
- HATCH INDICATES AREA OF NEW LOWERED GYP. BD. CEILING (ABOVE). DASHED LINE INDICATES FACE OF SOFFIT (ABOVE). TYPICAL DROP FOR MEP ROUTING IS 18" FROM HIGH CLG., U.N.O. SEE KEY NOTE #35 FOR ADDT'L INFO.
- HATCH INDICATES LOWERED SOFFIT ABOVE KITCHEN CABINETRY, ALIGN W/TOP OF CABINETRY, U.N.O. SEE KEY NOTE #35 FOR ADDT'L INFO.
- AREA OF NEW FLOOR OR ROOF INFILL
- AREA OF NEW CONCRETE SLAB. SEE STRUCTURAL / CIVIL DWGS.

NEW WORK PLAN GENERAL NOTES

1. DO NOT SCALE DRAWINGS. REFER TO DIMENSIONS AND NOTES.
2. DIMENSIONS ARE TO NEW FINISH FACE OR EXISTING FINISH, U.N.O. NEW MASONRY WALLS AND MASONRY OPENINGS ARE DIMENSIONED TO MASONRY.
   - EXISTING FRAMED WALLS AT 1629 VINE ST. ARE DIMENSIONED TO FACE OF STUD.
3. SEE A8.0, A8.1, & A8.2 FOR TYPICAL KITCHEN AND BATHROOM ENLARGED PLANS AND ELEVATIONS.
4. LOAD-BEARING WALLS, COLUMNS, BEAMS, AND STRUCTURAL ELEMENTS TO REMAIN, U.N.O.
5. PATCH AND REPAIR ALL SURFACES TO MATCH EXISTING ADJACENT CONSTRUCTION AT AREAS OF DEMOLITION AND NEW CONSTRUCTION.
6. CLEAN BRICK AND STONE MASONRY PER SPECIFICATIONS. PROVIDE TEST AREA FOR REVIEW.
7. REPLACE ALL MISSING, CRACKED, ERODED, OR SPALLED BRICKS WITH SALVAGED HISTORIC BRICKS OR NEW BRICKS TO MATCH HISTORIC BRICKS. EXERCISE CARE SO AS NOT TO DAMAGE ADJACENT HISTORIC BRICKS TO REMAIN. REPOINT ALL MISSING, DETERIORATED, OR SOFT MORTAR JOINTS IN ALL MASONRY. REFER TO EXTERIOR ELEVATIONS AND SPECIFICATIONS FOR ADDITIONAL REQ'S.
8. REPLACE CRACKED STONE LINTELS AND SILLS TO MATCH EXISTING.
9. UNPAINTED EXTERIOR MASONRY IS TO REMAIN UNPAINTED. PAINTED EXTERIOR MASONRY IS TO BE RE-PAINTED - COLOR TBD BY ARCHITECT.
10. NEW DOORS IN STUD WALLS LOCATED IN CORNERS ARE NOT DIMENSIONED ON PLANS. INSTALL NEW DOOR 4" FROM END WALL TO INSIDE OF FRAME, U.N.O.
11. NEW CLOSET DOORS ARE TO BE CENTERED ON CLOSET, U.N.O.
12. PROVIDE BLOCKING AS REQUIRED IN WALLS FOR NEW PARTITIONS, FIXTURES, SHELVING, CABINETS, BATHROOM ACCESSORIES, ETC.
13. ALL EXISTING OPENINGS WHERE NEW DOORS ARE TO BE LOCATED ARE TO BE FIELD VERIFIED. ALL OPENINGS MUST BE ASSUMED TO BE UNIQUE.
14. AT NEW AND MODIFIED MASONRY OPENINGS, WHERE MASONRY IS EXPOSED, TOOTH-OUT AND KEY-IN MATCHING BRICK. PROVIDE SALVAGED/NEW BRICK TO MATCH EXISTING.
15. PROVIDE P.T. WOOD SILL PLATE AT WOOD STUD WALLS IN CONTACT CONC. OR MASONRY.
16. SEE MEP DRAWINGS FOR LOCATIONS OF ROOF PENETRATIONS. PROVIDE PENETRATION FLASHING PER ROOFING MFR'S REQUIREMENTS AND RECOMMENDATIONS.
17. CEILING HEIGHTS INDICATED ON PLANS ARE FROM FINISH FLOOR TO FINISH CEILING. COORDINATE WITH MEP ROUTING. CONTACT ARCHITECT FOR DISCREPANCIES.
18. PROVIDE FIREBLOCKING IN ALL NEW ASSEMBLIES PER SECTION 718.2 OBC.
19. THROUGH PENETRATIONS OF FLOOR / CEILING ASSEMBLIES AND WALL ASSEMBLIES INDICATED TO BE FIRE RATED SHALL BE PROTECTED PER PER SECTIONS 714.3.1 & 714.4.1 OBC.
20. SEE STRUCT. DWGS. FOR TYPICAL JOIST REPAIR AND REINFORCING DETAILS FOR DAMAGED JOISTS DISCOVERED IN THE FIELD AND FOR MODIFICATIONS TO EXISTING JOISTS. VERIFY SCOPE IN FIELD.
21. DIMENSIONS @ TUBS & SHOWERS SHOWN FOR REFERENCE AND MUST BE COORDINATED w/ FIXTURE MFR. INSTALLATION INSTRUCTIONS AND WALL FINISH INSTALLATION.
22. PROVIDE RADON MITIGATION SYSTEM IN ACCORDANCE WITH OHFA AND ECG (GREEN STANDARD) REQUIREMENTS. RADON MITIGATION SYSTEM IS DELEGATED DESIGN, BY GC. ALL RADON PIPING ABOVE BASEMENT IS TO BE CONCEALED BEHIND FINISHES. PROVIDE ELECTRICAL POWER TO THE ATTIC OR ROOF AS REQ'D FOR FUTURE FANS IN CASE TESTING DETERMINES THAT AN ACTIVE SYSTEM IS REQUIRED.
23. REPLACE DETERIORATED OR MISSING SUBFLOOR WHERE OCCURS. VIF SCOPE OF REPLACEMENT.
24. REPLACE DETERIORATED OR MISSING ROOF SHEATHING WHERE OCCURS. VIF SCOPE OF REPLACEMENT. NEW ROOF SHEATHING w/ IN 4' OF AN INTERIOR LOT LINE SHALL BE F.R.T. WOOD.
25. PATCH EXISTING CONCRETE SLABS FLUSH AS REQUIRED AT LOCATIONS OF UNDER-SLAB PLUMBING (NOT SHOWN ON DRAWINGS).
26. ALL OF THE EXISTING TO REMAIN CONSTRUCTION MUST BE REVIEWED IN THE FIELD, AND IN SOME CASES, SUB-STANDARD CONSTRUCTION MUST BE RECTIFIED, INCLUDING BUT NOT LIMITED TO DISCONTINUOUS RATED WALL ASSEMBLIES AND MISSING DRAFTSTOPPING.
27. WHERE THE DRAWINGS SHOW WORK ABUTTING OR ENCROACHING ONTO NEIGHBORING PROPERTIES, THE GC SHALL COORDINATE WITH NEIGHBORING PROPERTY OWNERS PRIOR TO PROCEEDING WITH WORK.
28. SEE 9.0 FOR TYPICAL COMMERCIAL SPACE RESTROOM ENLARGED PLANS AND ELEVATIONS.
29. EXPOSED CONDUIT INTERIOR AND EXTERIOR, EXPOSED DUCTWORK, AND EXPOSED SPRINKLER LINES SHOULD BE PAINTED TO MATCH THE SURFACE IT IS ON.

(X) HISTORIC KEYNOTES

- REFER TO DOOR AND WINDOW TAGS ON NEW WORK PLANS AND TO DOOR AND WINDOW SCHEDULES ON SHEETS A0.4 AND A0.5 FOR DETAILED SCOPE OF WORK AT HISTORIC DOOR AND WINDOW OPENINGS.
- IF NOTE OCCURS AT CENTER OF ROOM, NOTE APPLIES TO ALL WALLS, U.N.O.

A. BRICK TO REMAIN EXPOSED WHERE NO PLASTER IS PRESENT. PROVIDE MASONRY CONSOLIDATOR. PRIME AND PAINT WHERE PREVIOUSLY PAINTED.

CEILINGS

B. REMOVE AND SALVAGE HISTORIC METAL STAMPED CEILING PANELS AND CROWN MOULDING FOR REINSTALLATION OVER FIRE-RATED CEILING. SEE NEW WORK PLANS FOR LOCATION OF REINSTALLED CEILING.
C. NOT USED
D. NOT USED

INTERIOR TRIM

E. EXISTING HISTORIC WOOD BASEBOARD TO REMAIN IN PLACE. REPAIR TO MATCH EXISTING WHERE DAMAGED OR DETERIORATED AND PAINT.
F. REMOVE AND SALVAGE EXISTING HISTORIC WOOD BASEBOARD FOR REINSTALLATION WHERE WALL IS TO BE FURRED OUT FOR THERMAL INSULATION OR WHERE PLASTER IS TO BE REMOVED TO IMPROVE FIRE RESISTANCE RATING (SEE WALL TYPES AND NEW WORK PLANS FOR ADDITIONAL INFORMATION). REINSTALL SALVAGED HISTORIC BASEBOARD OVER NEW GYPSUM BOARD. REPAIR, PRIME AND PAINT.
G. REMOVE EXISTING HISTORIC BASEBOARD REMNANTS.
H. HISTORIC WOOD BEADBOARD WAINSCOT AND CHAIR RAIL TO REMAIN - REPAIR AND PAINT. WHERE DETERIORATED OR MISSING PROVIDE NEW TO MATCH - PAINT.
I. REMOVE EXISTING HISTORIC WOOD BEADBOARD WAINSCOT AND CHAIR RAIL. SALVAGE FOR RELOCATION. INSTALL AT STAIRHALL WALLS NOW EXPOSED BY SHAFT WALL DEMOLITION - SEE NEW WORK PLANS. REPAIR, PRIME, PAINT.
J. REMOVE EXISTING HISTORIC CROWN MOULDING REMNANTS.
K. EXISTING HISTORIC MANTEL AND HEARTH (WHERE OCCURS) TO REMAIN IN PLACE. CLEAN AND REPAIR AS REQ'D. PROVIDE NEW PAINT AT MANTEL WHERE PREVIOUSLY PAINTED. PROVIDE NEW STAIN AT MANTEL WHERE PREVIOUSLY STAINED.

FLOORING

L. HISTORIC WOOD FLOORING TO REMAIN. PATCH ALL DAMAGED, DETERIORATED, OR MISSING BOARDS. REFINISH. SEE FINISH SCHEDULE ON A0.2 FOR ADDITIONAL INFO.
M. EXISTING HISTORIC MOSAIC TILE FLOORS TO REMAIN IN PLACE. REPAIR AS REQ'D. SEE FINISH SCHEDULE ON A0.2.
N. EXISTING WOOD FLOORING TO BE CONCEALED BY NEW FINISH FLOORING AS INDICATED ON FINISH SCHEDULE. SEE A0.2 FOR ADDITIONAL INFO.
O. REMOVE EXISTING HISTORIC METAL FLOOR GRATE AND SALVAGE FOR REINSTALLATION AT EXISTING LOCATION ABOVE NEW FLOOR INFILL. GRATE SHALL BE FLUSH WITH NEW FLOORING.
P. CONTEMPORARY VINYL FLOORING AND LUAN SUBSTRATE TO BE CAREFULLY REMOVED TO EXPOSE EXISTING HISTORIC WOOD FLOORING. PATCH ALL DAMAGED, DETERIORATED, OR MISSING BOARDS. REFINISH. SEE FINISH SCHEDULE ON A0.2 FOR ADDITIONAL INFO.

Q. EXISTING HISTORIC STAIR, NEWEL POSTS, NEWEL POST CAPS, BALUSTRADES, AND HANDRAILS (WHERE OCCURS) TO REMAIN. REPAIR OR REPLACE DAMAGED / DETERIORATED / MISSING STAIR COMPONENTS TO MATCH EXIST. PAINT.
R. EXISTING HISTORIC SKYLIGHT TO REMAIN. REPAIR AND REGLAZE AS REQUIRED. SEE STRUCTURAL DWGS. HISTORIC WOOD BEADBOARD SURROUND TO REMAIN. REPAIR AS REQ'D - PAINT.
S. HISTORIC WOOD BEADBOARD SURROUND AT ABANDONED, INFILLED, SKYLIGHT TO REMAIN. REMOVE, SALVAGE, AND REINSTALL OR REPLICATE HISTORIC BEADBOARD SURROUND AS REQ'D TO FIRE-RATE SURROUNDING BEAMS. PAINT.

WINDOWS*

- ***COMBINE LETTERS IN "WINDOW" CATEGORY WITH NUMBERS OF "WINDOW TRIM" CATEGORY**

T. REMOVE NON-HISTORIC WINDOW. HISTORIC WOOD WEIGHT BOX AND BRICK MOULD TO REMAIN. INSTALL NEW WINDOW WITHIN WEIGHT BOX. REPLACE DETERIORATED HISTORIC WOOD BRICK MOULD TO MATCH HISTORIC PROFILE IF REQUIRED. PAINT.
U. PROVIDE NEW CUSTOM WOOD WINDOW AND BRICKMOULD TO MATCH EXISTING ADJACENT HISTORIC WINDOW. INSTALLATION TO MATCH HISTORIC INSTALLATION - PAINT.
V. REMOVE NON-HISTORIC WINDOW OR INFILL (WHERE OCCURS) BACK TO HISTORIC ROUGH MASONRY OPENING, INCLUDING BLOCKING, WEIGHT BOXES, AND BRICK MOULD (WHERE PRESENT). INFILL PER NEW WORK PLANS. EXISTING EXTERIOR HEADER AND SILL TO REMAIN. REFER TO NEW WORK PLANS.
W. EXISTING HISTORIC WOOD WINDOW AND ALL ASSOCIATED WINDOW COMPONENTS TO REMAIN. REPAIR TO AN OPERABLE CONDITION - PAINT. INSTALL NEW EXTERIOR STORM WINDOW (WHERE APPLICABLE).
X. NOT USED

WINDOW TRIM

REFER TO NOTES BELOW FOR TREATMENT OF INTERIOR WINDOW TRIM:

1. EXISTING HISTORIC INTERIOR WOOD WINDOW TRIM TO REMAIN IN PLACE. REPAIR TO MATCH EXISTING WHERE DAMAGED OR DETERIORATED. PAINT.
2. REMOVE AND SALVAGE HISTORIC INTERIOR WOOD WINDOW TRIM FOR REINSTALLATION. REPAIR TO MATCH EXISTING WHERE DAMAGED OR DETERIORATED. PROVIDE WOOD JAMB AND SILL EXTENDERS WHERE REQUIRED AT NEWLY FURRED WALLS. PRIME AND PAINT.
3. PROVIDE NEW WOOD WINDOW TRIM TO MATCH ADJACENT HISTORIC WINDOW TRIM. PRIME / PAINT.
4. WHERE NO EXISTING INTERIOR WINDOW TRIM IS PRESENT AT HISTORIC WINDOW OPENING, PROVIDE NEW CONTEMPORARY WOOD WINDOW TRIM. PRIME AND PAINT. SEE TYPICAL TRIM ON SHEET A0.5.

INTERIOR DOORS

Y. EXISTING HISTORIC METAL DOOR AND FRAME TO REMAIN. REPAIR AND PAINT COMPONENTS PREVIOUSLY PAINTED.
Z. EXISTING HISTORIC SLIDING METAL DOOR AND TRACK. REMOVE AND REINSTALL IN FIXED OPEN POSITION. NEW FIRE RATED DOOR AND FRAME TO BE INSTALLED.
AA. EXISTING HISTORIC SLIDING METAL DOOR AND TRACK TO REMAIN. DOOR IS TO BE FIXED IN THE CLOSED POSITION. HISTORIC OPENING TO BE INFILLED.
AB. EXISTING HISTORIC METAL DOOR AND FRAME TO BE REMOVED. INSTALL NEW FIRE RATED DOOR AND FRAME IN EXISTING OPENING.
AC. EXISTING HISTORIC WOOD DOOR, FRAME, AND TRIM TO REMAIN. REPAIR AND PAINT.
AD. EXISTING HISTORIC WOOD DOOR AND FRAME TO REMAIN AND BE FIXED IN CLOSED POSITION. HISTORIC TRIM TO REMAIN ON EXPOSED SIDE ONLY. REFER TO NEW WORK PLANS. REPAIR, PRIME, AND PAINT.
AE. EXISTING HISTORIC WOOD DOOR OR CASED OPENING TRIM TO REMAIN. REPAIR, PRIME, AND PAINT.
AF. REMOVE HISTORIC DOOR AND FRAME. HISTORIC TRIM TO BE SALVAGED AND REINSTALLED IF WALL REMAINS AND APPLICABLE. REPAIR AND PAINT.
AG. HISTORIC WOOD DOOR TRIM TO REMAIN. SALVAGE AND REINSTALL AT NEW DOOR FRAME. REPAIR AND PAINT.
AH. REMOVE EXISTING DOOR. EXISTING FRAME AND TRIM TO REMAIN. REPAIR, PRIME, AND PAINT.
AI. NOT USED
AJ. NOT USED.
AK. REMOVE EXISTING DOOR. EXISTING HISTORIC WOOD FRAME AND TRANSOM TO REMAIN. REPAIR AND PAINT. PROVIDE NEW GLAZING OR PLYWOOD PANEL AT EXISTING TRANSOM AS INDICATED ON DOOR SCHEDULE. HISTORIC TRIM TO REMAIN AT STAIR SIDE ONLY. SALVAGE HISTORIC TRIM FROM UNIT SIDE FOR REINSTALLATION OVER NEW FIRE RATED FRAME, IF REQUIRED.

EXTERIOR

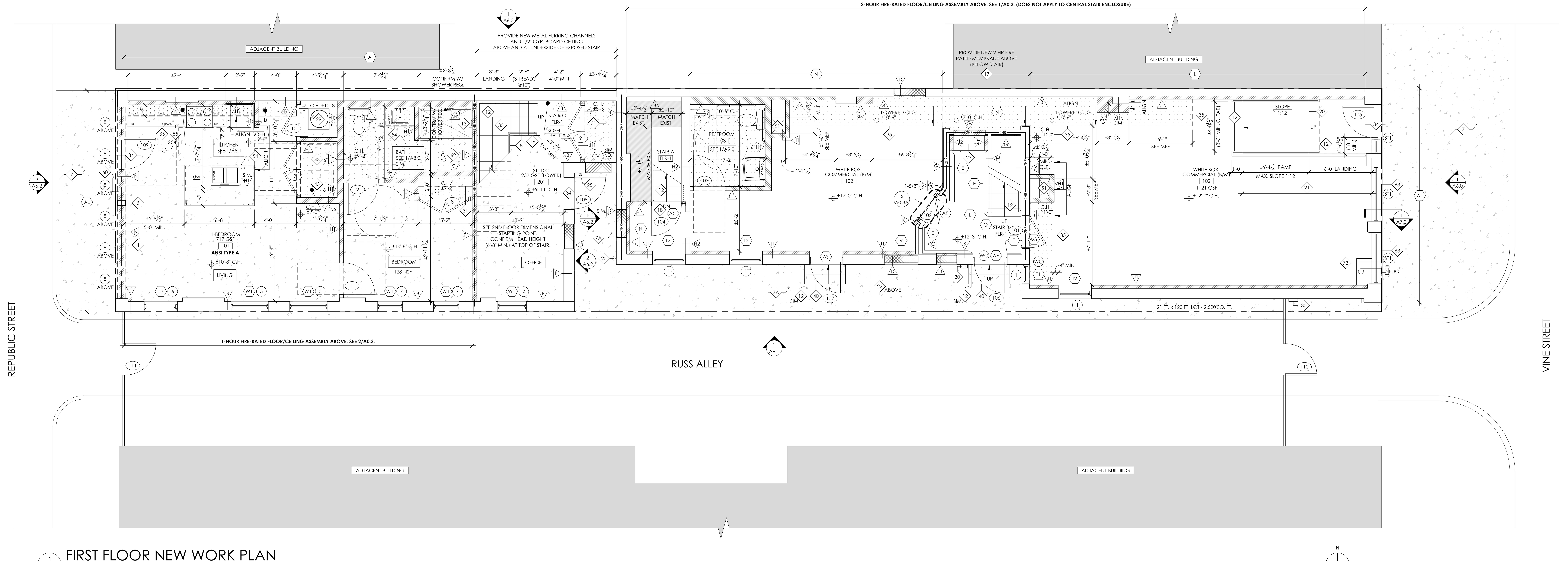
AL. HISTORIC STOREFRONT ELEMENTS TO REMAIN. ALL CAST IRON AND / OR STONE ELEMENTS ARE TO REMAIN IN PLACE AND BE STABILIZED. REMOVE ALL NON-HISTORIC STOREFRONT INFILL. PROVIDE TEMPORARY BRACING AND SHORING AS REQ'D. EXERCISE CAUTION SO AS NOT TO DAMAGE HISTORIC ELEMENTS. NOTIFY ARCHITECT/ENGINEER OF RECORD FOLLOWING REMOVAL FOR INSPECTION.
AM. EXISTING CAST IRON CURB TO REMAIN. REPAIR AS REQ'D.
AN. HISTORIC STONE AND METAL ROOF CORNICE/BANDING, BRACKETS, AND MOULDING TO REMAIN. REPAIR DETERIORATED ELEMENTS TO MATCH EXISTING. PAINT IF PREVIOUSLY PAINTED.
AO. EXISTING HISTORIC WOOD TRANSOM BAR AND WOOD BRICK MOULD TO REMAIN - REPAIR AND PAINT. EXISTING NON-HISTORIC ENTRY DOOR AND WOOD FRAMED TRANSOM INFILL TO BE REMOVED. PROVIDE NEW ALUMINUM CLAD WOOD DOOR, SIDE PANEL, AND TRANSOM WINDOW.
AP. HISTORIC WOOD SHUTTERS TO BE REMOVED AND SALVAGED FOR REINSTALLATION IN THE FIXED POSITION. REPAIR AND PAINT. REMOVE EXISTING INTERIOR FRAMING AT OPENING AND PREP FOR NEW INFILL PER NEW WORK PLANS. INTERIOR TRIM TO BE REMOVED AND SALVAGED FOR REINSTALLATION. REPAIR AND PAINT.
AQ. HISTORIC BOX GUTTER TO REMAIN. REPAIR ALL DETERIORATED ELEMENTS. PAINT. PROVIDE NEW ROOF MEMBRANE LINER AND SLOPE TO DRAIN TO NEW OR EXISTING DOWNSPOUT LOCATION.
AR. HISTORIC WOOD BRICK MOULD TO REMAIN - REMOVE EXIST. INFILL. PROVIDE NEW ALUMINUM CLAD WOOD DOORS AND TRANSOM WINDOW.
AS. HISTORIC WOOD TRANSOM, BRICK MOULD, AND INTERIOR WOOD TRIM TO REMAIN - REPAIR AND PAINT. INSTALL NEW ALUMINUM CLAD WOOD DOOR.

(#) NEW WORK PLAN KEYNOTES

1. EXISTING CONCRETE SLAB TO REMAIN. VIF AREAS OF SEVERE DAMAGE, AND REPAIR TO MATCH EXISTING. PATCH AS REQUIRED FOLLOWING INSTALLATION OF NEW UNDER-SLAB PLUMBING (NOT SHOWN) - SEE PLUMBING DWGS.
2. INTERIOR CONCRETE SLAB ON GRADE. PROVIDE VAPOR RETARDER. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFO.
3. EXISTING STEEL OR CAST IRON COLUMN TO REMAIN. CLEAN AND PRIME. 2-HR FIRE-RATED. PROVIDE INTUMESCENT COATING, SEE DETAIL 1/A0.3.a. SEE STRUCTURAL DWGS.
4. LINE OF EXISTING STRUCTURE ABOVE TO REMAIN (BEAM, HEADER, ROOF OVERHANG, ETC.) / CENTERLINE OF EXISTING BEAM ABOVE.
5. LINE OF EXISTING BRICK/STONE ARCHES ABOVE TO REMAIN. NEW CONCRETE PAVING OCCURS ABOVE - COORDINATE WITH CIVIL AND STRUCTURAL DRAWINGS
6. EXISTING STEEL OR CAST IRON COLUMN TO REMAIN. CLEAN, PAINT.
7. REPLACE EXISTING CONCRETE SIDEWALK. SIDEWALK AND BACKFILL BELOW (WHERE OCCURS) SHALL BE IN ACCORDANCE W/ DOTE STANDARDS. SEE STRUCTURAL AND CIVIL DWGS.

7A. PROVIDE NEW EXTERIOR CONCRETE SLAB ON GRADE. SLOPE 1/4" PER FOOT AWAY FROM BUILDINGS. SEE STRUCTURAL DRAWINGS. SEE CIVIL DRAWINGS FOR NEW GRADING, SLOPED CONCRETE WALKS, ETC, AND EXTENT OF CONCRETE CURB REPLACEMENT. SLOPED CONCRETE WALKS SHALL NOT EXCEED 1:20 SLOPE. EXISTING GRANITE CURBS TO REMAIN AND TO BE RAISED WHERE INDICATED ON CIVIL DRAWINGS.

8. STEEL GUARDRAIL (INSIDE DWELLING UNIT) @ 36" AFF, (AT OPEN-SIDED BASEMENT STAIR) @ 42". 1 1/2" SQUARE TUBE TOP AND BOTTOM RAILS, VERTICAL STEEL PICKETS @ 4" O.C. GUARD SHALL NOT ALLOW THE PASSAGE OF A 4" SPHERE. DELEGATED DESIGN - GUARDRAIL LOADING SHALL BE IN ACCORDANCE w/ DESIGN LOADS IN STRUCTURAL DRAWINGS. PROVIDE SHOP DRAWINGS.
9. INFILL EXISTING BASEMENT WINDOW WELL/ STAIRWELL / COAL CHUTE. PROVIDE CMU WALL INFILL, FLUID-APPLIED WATERPROOFING AND DRAINAGE/PROTECTION BOARD ON EXTERIOR SIDE OF CMU PRIOR TO INSTALLING FILL. INFILL WELL PER STRUCTURAL DRAWINGS. LOWER TOPS OF EXISTING WALLS AS REQUIRED FOR NEW EXTERIOR GRADES (VIF). WHERE INFILL OCCURS BENEATH R.O.W., INFILL AND PAVING SHALL BE IN ACCORDANCE w/ DOTE STANDARDS. SEE STRUCTURAL DWGS FOR INFILL AND REINFORCING. SEE CIVIL DRAWINGS FOR NEW EXTERIOR GRADING/PAVEMENT, WHERE OCCURS.
10. EXISTING WOOD FRAMED STAIRS AND LANDING TO REMAIN. REPAIR AS REQUIRED, PRIME, AND PAINT.
11. NEW P.T. WOOD BASEMENT STAIR TO REPLACE EXISTING DETERIORATED STAIR. 11" TREAD, 7" MAX RISER HEIGHT, EQUAL HEIGHT RISERS. 6'-8" MIN. HEAD HEIGHT. 36" MIN. STAIR WIDTH, WALL-TO-GUARD. PROVIDE 42" HIGH STEEL GUARDRAIL AT OPEN SIDE OF STAIR. GUARDRAIL IS DELEGATED DESIGN. PROVIDE SHOP DRAWINGS FOR STAIR AND RAILINGS.
12. STEEL HANDRAIL, 1 1/2" DIAMETER, PAINTED, @ 36" AFF. WHERE EXISTING CONDITIONS ALLOW, EXTEND 12" HORIZONTALLY AT TOP OF STAIR AND EXTEND DIAGONALLY (1) TREAD DEPTH AT BOTTOM. RETURN HANDRAIL TO WALL AS SHOWN ON FLOOR PLAN (WHERE PLAN CONFIGURATION ALLOWS), OTHERWISE RETURN TO FLOOR. EXTERIOR HANDRAILS TO BE GALVANIZED. **AT RAMPS:** EXTEND HANDRAILS 12" HORIZONTALLY AT TOP AND BOTTOM OF RAMP; WHERE RAMP HANDRAIL IS NOT MOUNTED TO WALL, PROVIDE 1 1/2" DIAMETER POSTS, EQUALLY SPACED AT 4' O.C. MAX SPACING. (INSIDE RESIDENTIAL DWELLING UNIT HANDRAIL EXTENSIONS AT TOP AND BOTTOM OF STAIR NOT REQUIRED; SEE PLAN FOR HANDRAIL CONFIGURATION.)
13. **BATHTUB / SHOWER / ROLL-IN SHOWER** BASE WITH TILE SURROUND. SEE PLUMBING DRAWINGS AND INTERIOR ELEVATIONS. PROVIDE GRAB BARS IN ROLL-IN SHOWERS IN ACCESSIBLE UNITS. AT FIRE-RATED WALLS AND EXTERIOR WALLS, GYPSUM BOARD MUST BE CONTINUOUS BEHIND BATH SURROUND. PRIOR TO FRAMING WALLS, VERIFY WALL FRAMING DIMENSIONS w/ BATH MFR, AND COORD. EXACT FRAMING DIMENSIONS IN FIELD. WHERE EXISTING FRAMING OCCURS, FRAMING DIMENSIONS VARY - VIF PRIOR TO ORDERING BATHTUB/SHOWER BASES.
14. STRUCTURAL CONCRETE SLAB ON GALVANIZED METAL DECK TO REPLACE EXIST. SLAB ON DECK. SEE STRUCT DWGS.
15. EXIST. FRAMED HEADER TO BE RAISED - ALIGN W/ ADJACENT SOFFIT FOR CONTINUOUS PLANE. SEE PLAN.
16. NEW WOOD STAIR INSIDE DWELLING UNIT. 10" TREAD, 7 3/4" MAX. RISER HEIGHT. PROVIDE EQUAL HT. RISERS IN EACH STAIR RUN. 6'-8" MIN. HEAD HEIGHT. 36" MIN. STAIR WIDTH, MEASURED WALL-TO-WALL OR WALL-TO-GUARD. PROVIDE PAINTED WD. RISER. TREAD TO MATCH WOOD FLOORING ABOVE. SEE STRUCTURAL DRAWINGS. PROVIDE SHOP DRAWINGS.
17. 2-HOUR FIRE-RATED CEILING MEMBRANE ABOVE. PROVIDE (4) LAYERS OF 5/8" TYPE X GYP. BD. AND FURRING PER DETAIL 5/A0.3.
18. NEW P.T. WOOD STAIR TO REPLACE EXISTING DETERIORATED WOOD STAIR. STAIR CONFIGURATION, TREAD DEPTH AND RISER HEIGHT TO MATCH EXISTING (AN EXISTING NON-COMPLYING CONDITION). PROVIDE 42" HIGH STEEL GUARDRAIL AT OPEN SIDES OF STAIR. GUARDRAIL IS DELEGATED DESIGN. PROVIDE SHOP DRAWINGS FOR STAIR AND RAILINGS. SEE STRUCT DWGS.
19. EXISTING STEEL / WOOD POST AND BEAM JOIST END REINFORCEMENT TO REMAIN, UNO. EVALUATE CONDITION, REPAIR AS REQUIRED. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFO.
20. WOOD RAMP, 1:12 MAXIMUM SLOPE, OVER-FRAMED ATOP NEW LOWERED FLOOR STRUCTURE. 36" MIN CLEAR WIDTH BETWEEN HANDRAILS. SEE STRUCTURAL DRAWINGS.
21. FLOOR STRUCTURE AT ENTRY TO BE LOWERED TO ACCOMMODATE NEW ACCESSIBLE ENTRANCE. COORDINATE NEW LOWERED FLOOR ELEVATION w/ EXTERIOR GRADE SO THAT INTERIOR FINISHED FLOOR ALIGNS w/ EXTERIOR GRADE AT EXTERIOR DOOR THRESHOLD. SEE DEMO PLANS, STRUCT DWGS, AND CIVIL DWGS.
22. EXISTING FIRE ESCAPE TO REMAIN. CLEAN, REPAIR, PAINT. REPAIRS TO FIRE ESCAPE AND CITY OF CINCINNATI F.E. INSPECTION UNDER SEPARATE PERMIT AND DELEGATED DESIGN - NOTED FOR REFERENCE ONLY.
23. USPS/ADA/ANSI-APPROVED MAILBOXES, SURFACE-MOUNTED OR RECESSED, SEE PLAN. SURFACE MOUNTED = 4B+ VERTICAL MAILBOXES, RECESSED = 4B+ HORIZONTAL. MAILBOXES FOR ACCESSIBLE UNITS AND COMMERCIAL SPACES SHALL BE REACHABLE w/ IN 48" AFF. COORDINATE QUANTITIES AND ARRANGEMENT IN FIELD WITH ARCHITECT AND OWNER.
24. NEW STACKED CLOTHES WASHER AND DRYER, SEE APPLIANCE SCHEDULE. PROVIDE PLUMBED WASHER PAN. REFER TO MEP DWGS FOR EXHAUST, PLUMBING, AND ELECTRICAL REQ'S.
25. PRE-FINISHED ALUMINUM DOWNSPOUT, COLOR TBD. PROVIDE NEW PVC BOOT AT GRADE, PAINT TO BLEND WITH EXISTING MASONRY WALL. SCOPE EXISTING STORM LINES TO ENSURE WORKING CONDITION, REPAIR AS REQ'D. SEE PLUMBING DWGS FOR ADDITIONAL INFO.
26. EXISTING CMU WALL INFILL AND PREVIOUSLY FILLED BASEMENT ENCROACHMENT BELOW SIDEWALK TO REMAIN. VERIFY IN FIELD DURING SIDEWALK REPLACEMENT THAT EXISTING BACKFILL CONFORMS TO DOTE REQUIREMENTS. CONTACT ARCHITECT IF EXISTING CONDITIONS ARE FOUND TO DEVIATE FROM ASSUMPTIONS.
27. EXISTING BAY WINDOW ABOVE. EVALUATE JOIST FRAMING, CLADDING AND TRIM AT UNDERSIDE, REPAIR AS REQUIRED. FILL JOIST CAVITY WITH BATT INSULATION, AND PROVIDE "SMART VAPOR BARRIER" AT UNDERSIDE OF JOISTS. REINSTALL SALVAGED CLADDING AND TRIM OR REPLACE IN KIND WITH NEW. IF STRUCTURE IS FOUND TO BE COMPROMISED, CONTACT ARCHITECT AND STRUCTURAL ENGINEER.
28. 20" X 30" LOCKABLE, SELF-CLOSING ACCESS PANEL TO CONCEALED SPACE. FIRE-RATED, WHERE OCCURS IN RATED WALL/CEILING. FIRE RATING IS TO MATCH FIRE-RATING OF RATED ASSEMBLY. GALVANIZED METAL TO PREVENT CORROSION IN BASEMENT. INSTALL PER MFR.'S REQUIREMENTS.
29. STACKED HVAC UNIT AND WATER HEATER. SEE MEP DRAWINGS. PROVIDE BLOCKING AS REQ'D.
30. SURFACE-MOUNTED INTERCOM WITH REMOTE DOOR RELEASE SYSTEM. DELEGATED DESIGN. COORDINATE INSTALLATION AND LOCATION OF IN FIELD WITH OWNER AND ARCHITECT. COORDINATE POWER REQ'S w/ ELECTRICIAN.
31. SHELF + CLOTHES HANGING ROD. IN NON-ACCESSIBLE UNITS, PROVIDE WOOD HANGING ROD @ 60" AFF, WITH PAINTED WOOD SHELF ABOVE. IN ACCESSIBLE UNITS, PROVIDE VINYL-COATED WIRE SHELF WITH HANGING ROD MOUNTED ON ADJUSTABLE HEIGHT STEEL BRACKETS @ 48" AFF. PROVIDE BLOCKING AS REQUIRED.
32. ROOF HATCH ABOVE. SEE ROOF PLAN AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
33. NEW WOOD POST AND BEAM JOIST SUPPORT. 2-HOUR FIRE-RATED WHERE OCCURS AT SUPPORTING CONSTRUCTION BENEATH 2-HR STAIR ENCLOSURE OR 2-HR FLOOR/CEILING ASSEMBLY ABOVE. SEE DETAILS 3 AND 4/A0.3.a. REFER TO STRUCTURAL DWGS.
34. ALIGN EXTERIOR AND INTERIOR FINISHED FLOOR ELEVATIONS AT DOOR THRESHOLD. COORDINATE EXACT ELEVATIONS IN FIELD, SEE CIVIL AND STRUCTURAL DRAWINGS. SLOPE EXTERIOR GRADE AWAY FROM DOOR THRESHOLD 1/4" PER FOOT TO SHED WATER.
35. LINE OF LOWERED GYPSUM BD. CEILING/ FACE OF SOFFIT ABOVE. TYPICAL DROP FOR MEP ROUTING IS 18" FROM HIGH CEILING, UNLESS NOTED OTHERWISE ON PLAN. ABOVE KITCHEN WALL CABINETS, PROVIDE 13" DEEP LOWERED CEILING TO TOP OF WALL CABINETS, U.N.O. SEE CEILING HEIGHTS ON PLAN FOR ADDITIONAL INFO.
36. (5) EQUALLY SPACED PAINTED WOOD SHELVES. 3/4" BIRCH PLYWOOD w/ 1x2 EDGE TRIM.
37. INFILL EXISTING OPENING IN FLOOR STRUCTURE WITH NEW FRAMING TO MATCH EXISTING. NEW FINISHED FLOOR AT AREA OF FLOOR INFILL TO BE FLUSH WITH ADJACENT FINISHED FLOOR. SEE STRUCTURAL DWGS.
38. ROUTE SANITARY PLUMBING FROM 2ND FLOOR HORIZONTALLY THROUGH FIRE-RATED FLOOR/CEILING ASSEMBLY WITHOUT ENTERING FIRE-RATED RATED STAIR ENCLOSURE. CONTACT ARCHITECT IF PROPOSED ROUTING IS NOT FEASIBLE. SEE PLUMBING DRAWINGS.
39. 1623 VINE UNITS 11&12 ONLY: KITCHEN WALL CABINET HEIGHT VARIES AT 7'-0" SOFFIT CONDITION AT SLOPED CEILING. REFER TO A8 SHEET SERIES FOR INTERIOR ELEVATIONS AND MODIFY WALL CABINET HEIGHT AS REQUIRED FOR DECREASED SOFFIT HEIGHT. MAINTAIN TYPICAL BACKSPLASH HEIGHT ABOVE COUNTER.
40. NEW CONCRETE STAIR AT EXTERIOR ENTRY. 11" TREADS, EQUAL HEIGHT RISER(S) (7" MAX). SEE STRUCTURAL DWGS. FOR ADDITIONAL INFO AND REINFORCING.
41. NEW CONCRETE STAIR AT BASEMENT. 11" TREADS, EQUAL HEIGHT RISER(S) (7" MAX). SEE STRUCTURAL DWGS. FOR ADDITIONAL INFO AND REINFORCING.
42. NEW STEEL COLUMN. SEE STRUCTURAL DRAWINGS.
43. SIDE-BY-SIDE WASHER/DRYER, SEE APPLIANCE SCHEDULE. IN ORDER TO MEET ACCESSIBILITY REQUIREMENTS, A 4" RISER/PEDESTAL FROM MANUFACTURER MAY BE REQUIRED. PROVIDE PLUMBED WASHER PAN. REFER TO MEP DWGS FOR EXHAUST, PLUMBING, AND ELECTRICAL REQ'S.
44. (2) EACH - COMMERCIAL FRONT-LOADING WASHERS AND DRYERS IN COMMUNAL LAUNDRY ROOM. SEE APPLIANCE SCHEDULE. SEE MEP DRAWINGS.
45. LOCATION OF INTERNAL ROOF DRAIN LEADER. EVALUATE CONDITION OF LEADER AND STORM CONNECTION, SCOPE EXISTING BELOW-GRADE STORM LINES, REPAIR/REPLACE AS REQUIRED. SEE PLUMBING DRAWINGS.
46. EXISTING STONE STEP(S) TO REMAIN.
47. (5) EQUALLY SPACED, VINYL-COATED WIRE SHELVES ON WALL-MOUNTED ADJUSTABLE STEEL BRACKETS. PROVIDE BLOCKING AS REQUIRED.
48. LOCATION OF WALL-MOUNTED DOOR OPERATOR BUTTON FOR SECURITY GATE @ 48" MAX AFF. DOOR OPERATOR IS TIED TO REMOTE ACCESS CONTROL SYSTEM. COORDINATE EXACT LOCATION IN FIELD w/ OWNER AND ARCHITECT. COORDINATE ELECTRICAL POWER AS REQUIRED.
49. 6' HIGH ALUMINUM PICKET FENCE WITH LOCKABLE GATE. COORDINATE EXACT LOCATION IN FIELD AND WITH ADJACENT PROPERTY OWNER TO AVOID OBSTRUCTING WINDOWS, INCLUDING WINDOWS OF THE ADJACENT BUILDING. SEE CIVIL DRAWINGS.
50. EXISTING CONCRETE RAMP AT ADJACENT BUILDING TO REMAIN - SHOWN FOR REFERENCE. PROTECT DURING CONSTRUCTION. GC SHALL COORDINATE WORK IN SHARED PASSAGEWAY WITH ADJACENT PROPERTY OWNER.
51. HVAC CHASE FROM BASEMENT TO 1ST FLOOR. SEE MEP DRAWINGS. SEE STRUCTURAL DWGS FOR OPNG.
52. MODIFY EXISTING FIRE ESCAPE LADDER AS REQUIRED TO ACCOMMODATE NEW SLAB ELEVATION. CLEAN AND PAINT. GC IS RESPONSIBLE FOR FIRE ESCAPE INSPECTION AND REPAIRS PER CITY OF CINCINNATI (SEPARATE PERMIT).
53. FUTURE HOOD EXHAUST AND MAKE-UP AIR FOR 1ST FLOOR COMMERCIAL SPACE, UNDER SEPARATE PERMIT - SHOWN FOR REFERENCE ONLY. SEE MEP AND STRUCTURAL DRAWINGS FOR ADDITIONAL REFERENCE INFORMATION.
54. SINK: IN "ANSI TYPE A" MOBILITY UNITS, PROVIDE ACCESSIBLE SINK BASE w/ REMOVABLE FRONT. MIN. 30" WIDE CLEAR OPEN SPACE AT SINKS WITH ANSI A117.1-COMPLIANT KNEE AND TOE CLEARANCE. FLOOR FINISH AND WALL FINISH TO EXTEND UNDER AND BEHIND CABINETRY. 34" MAX. COUNTER HEIGHT, TYP. SEE INTERIOR ELEVATIONS A8.0, AND PLUMBING DRAWINGS FOR ADDITIONAL REQ'S.
55. KITCHEN WORK SURFACE: IN "ANSI TYPE A" MOBILITY UNITS, PROVIDE COUNTERTOP WORK SURFACE IN KITCHEN w/ 30" WIDE CLEAR FLOOR SPACE. PROVIDE FINISHED END PANELS @ EXPOSED SIDES. 34" MAX. COUNTER HEIGHT, TYP. FLOOR FINISH AND WALL FINISH TO EXTEND UNDER & BEHIND CABINETRY. SEE INTERIOR ELEVATIONS ON SHEET A8.0.
56. LINE OF EXTERIOR MASONRY WALL ABOVE, SHOWN FOR REFERENCE. SUPPORTING CONSTRUCTION IS TO BE 2-HR RATED, AND INDIVIDUALLY ENCASED. STEEL BEAMS ASSUMED - SEE DETAIL 1/A0.3.a FOR RATING. CONTACT ARCHITECT IF EXISTING CONDITIONS VARY FROM THESE ASSUMPTIONS.
57. CONCRETE SLOPE WITHIN DOOR CLEARANCE AREA TO BE 1/4" PER FOOT TO DRAIN WATER. SEE CIVIL DRAWINGS FOR ADDITIONAL GRADING INFORMATION.
58. EXISTING INFILL w/ STUCCO FINISH TO REMAIN. EVALUATE CONDITION IN FIELD, AND REPAIR AS REQ'D TO MATCH EXISTING CONSTRUCTION. PAINT. AT INTERIOR, FUR OUT WALL WITHIN OPENING TO ALIGN WITH ADJACENT SURFACE. PAINT.
59. 2-HR FIRE-RATED STEEL BEAM ABOVE. PROVIDE SFRM PER DETAIL 3/A0.3.a.
60. USPS/ADA/ANSI APPROVED RESIDENTIAL STYLE EXTERIOR GRADE SURFACE-MOUNTED LOCKABLE MAILBOX. MOUNT SO KEY IS 48" MAX ABOVE GRADE. COORDINATE QUANTITIES AND ARRANGEMENT IN FIELD WITH ARCHITECT AND OWNER.
61. EXISTING MASONRY SITE PARTY WALL TO REMAIN. PROVIDE NEW ALUMINUM COPING. SEE SPECIFICATIONS.
62. NEW FLOOR DRAIN. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION AND FOR ADDITIONAL FLOOR DRAIN LOCATIONS NOT ILLUSTRATED ON THESE PLANS.
63. NEW OR EXISTING CURB. SEE EXTERIOR ELEVATIONS AND STRUCTURAL DWGS.
64. EXISTING 1-HR FIRE-RATED WALL (UL 340) TO REMAIN. CONTRACTOR TO VERIFY THAT EXISTING FINDINGS IN THE FIELD AND NECESSARY REPAIRS / MODIFICATIONS (WHERE REQUIRED) ALIGN WITH THE UL LISTING.
65. EXISTING 1-HR FIRE-RATED WALL (GA FILE NO. WP 1072) TO REMAIN. CONTRACTOR TO VERIFY THAT EXISTING FINDINGS IN THE FIELD AND NECESSARY REPAIRS (WHERE REQUIRED) ALIGN WITH THE UL LISTING AND THAT EXIST. WALL IS CONTINUOUS TO UNDERSIDE FLOOR SHEATHING ABOVE.
66. NEW HVAC UNIT SERVING COMMERCIAL SPACE ABOVE. REFER TO MEP DWGS.
67. NEW WATER HEATER. REFER TO MEP DWGS.
68. INFILL HISTORIC DOOR OPENING PER WALL TYPE SHOWN ON PLAN. PROVIDE PRIMED AND PAINTED DOOR TRIM (SALVAGED OR NEW TO MATCH ADJACENT STAIRHALL DOORS) AT STAIRHALL SIDE ONLY TO SHOW OUTLINE OF PREVIOUS DOOR LOCATION.
69. NEW CONCRETE FOOTING AT NEW STRUCTURE. FOOTING TO BE FLUSH WITH EXISTING FLOOR SLAB, TYP. COORDINATE EXACT LOCATION IN FIELD. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
70. WITHIN EXIST. SLOPED CEILING PORTION OF BUILDING, HOLD NEW SOFFITS / DROPPED CLGS AS HIGH AS POSSIBLE (7'-0" MIN. CLR. HEIGHT). DROPPED CEILINGS TO BE FLAT (NOT SLOPED). REFER TO MEP DWGS.
71. CENTERLINE OF NEW LINTEL / BEAM ABOVE. SEE STRUCTURAL DRAWINGS.
72. NEW WOOD POST AND BEAM (ABOVE). SEE STRUCTURAL DRAWINGS.
73. LOW WALL w/ PAINTED 1" THICK WOOD CAP TO CONCEAL PLUMBING. MATCH HEIGHT OF STOREFRONT WALL SILL. KEEP TO MINIMUM SIZE (COORD. IN FIELD).



FIRST FLOOR NEW WORK PLAN

1/A3.1 — 1/4" = 1'-0"

N

0 2 4 8 16

NOT FOR CONSTRUCTION

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ISSUE LOG:
06.02.2023 ISSUE FOR PERMIT
1 07.14.2023 PERMIT REVISION 1
09.21.2023 OHFA PRELIM. SUBMISSION

FIRST FLOOR NEW WORK PLAN

A3.1

PRELIMINARY: NOT FOR CONSTRUCTION

NEW WORK PLAN GRAPHIC KEY

EXISTING MASONRY WALL	HATCH INDICATES AREA OF NEW LOWERED GYP. BD. CEILING (ABOVE). DASHED LINE INDICATES FACE OF SOFFIT (ABOVE). TYPICAL DROP FOR MEP ROUTING IS 18" FROM HIGH CLG., U.N.O. SEE KEY NOTE #35 FOR ADDT'L INFO.
EXISTING FRAMED WALL	HATCH INDICATES LOWERED SOFFIT ABOVE KITCHEN CABINETRY, ALIGN W/TOP OF CABINETRY, U.N.O. SEE KEY NOTE #35 FOR ADDT'L INFO.
EXISTING STRUCTURE ABOVE TO REMAIN	AREA OF NEW FLOOR OR ROOF INFILL
NEW FRAMED WALL	AREA OF NEW CONCRETE SLAB. SEE STRUCTURAL / CIVIL DWGS.
NEW MASONRY WALL (CMU/BRICK)	
1HR — 1-HR FIRE-RATED WALL	
2HR — 2-HR FIRE-RATED WALL	
CENTERLINE OF EXISTING OR NEW BEAM / LINTEL ABOVE. SEE STRUCTURAL DRAWINGS	

NEW WORK PLAN GENERAL NOTES

1. DO NOT SCALE DRAWINGS. REFER TO DIMENSIONS AND NOTES.
2. DIMENSIONS ARE TO NEW FINISH FACE OR EXISTING FINISH, U.N.O. NEW MASONRY WALLS AND MASONRY OPENINGS ARE DIMENSIONED TO MASONRY.
   - EXISTING FRAMED WALLS AT 1629 VINE ST. ARE DIMENSIONED TO FACE OF STUD.
3. SEE A8.0, A8.1, & A8.2 FOR TYPICAL KITCHEN AND BATHROOM ENLARGED PLANS AND ELEVATIONS.
4. LOAD-BEARING WALLS, COLUMNS, BEAMS, AND STRUCTURAL ELEMENTS TO REMAIN, U.N.O.
5. PATCH AND REPAIR ALL SURFACES TO MATCH EXISTING ADJACENT CONSTRUCTION AT AREAS OF DEMOLITION AND NEW CONSTRUCTION.
6. CLEAN BRICK AND STONE MASONRY PER SPECIFICATIONS. PROVIDE TEST AREA FOR REVIEW.
7. REPLACE ALL MISSING, CRACKED, ERODED, OR SPALLED BRICKS WITH SALVAGED HISTORIC BRICKS OR NEW BRICKS TO MATCH HISTORIC BRICKS. EXERCISE CARE SO AS NOT TO DAMAGE ADJACENT HISTORIC BRICKS TO REMAIN. REPOINT ALL MISSING, DETERIORATED, OR SOFT MORTAR JOINTS IN ALL MASONRY. REFER TO EXTERIOR ELEVATIONS AND SPECIFICATIONS FOR ADDITIONAL REQ'S.
8. REPLACE CRACKED STONE LINTELS AND SILLS TO MATCH EXISTING.
9. UNPAINTED EXTERIOR MASONRY IS TO REMAIN UNPAINTED. PAINTED EXTERIOR MASONRY IS TO BE RE-PAINTED - COLOR TBD BY ARCHITECT.
10. NEW DOORS IN STUD WALLS LOCATED IN CORNERS ARE NOT DIMENSIONED ON PLANS. INSTALL NEW DOOR 4" FROM END WALL TO INSIDE OF FRAME, U.N.O.
11. NEW CLOSET DOORS ARE TO BE CENTERED ON CLOSET, U.N.O.
12. PROVIDE BLOCKING AS REQUIRED IN WALLS FOR NEW PARTITIONS, FIXTURES, SHELVING, CABINETS, BATHROOM ACCESSORIES, ETC.
13. ALL EXISTING OPENINGS WHERE NEW DOORS ARE TO BE LOCATED ARE TO BE FIELD VERIFIED. ALL OPENINGS MUST BE ASSUMED TO BE UNIQUE.
14. AT NEW AND MODIFIED MASONRY OPENINGS, WHERE MASONRY IS EXPOSED, TOOTH-OUT AND KEY-IN MATCHING BRICK. PROVIDE SALVAGED/NEW BRICK TO MATCH EXISTING.
15. PROVIDE P.T. WOOD SILL PLATE AT WOOD STUD WALLS IN CONTACT CONC. OR MASONRY.
16. SEE MEP DRAWINGS FOR LOCATIONS OF ROOF PENETRATIONS. PROVIDE PENETRATION FLASHING PER ROOFING MFR'S REQUIREMENTS AND RECOMMENDATIONS.
17. CEILING HEIGHTS INDICATED ON PLANS ARE FROM FINISH FLOOR TO FINISH CEILING. COORDINATE WITH MEP ROUTING. CONTACT ARCHITECT FOR DISCREPANCIES.
18. PROVIDE FIREBLOCKING IN ALL NEW ASSEMBLIES PER SECTION 718.2 OBC.
19. THROUGH PENETRATIONS OF FLOOR / CEILING ASSEMBLIES AND WALL ASSEMBLIES INDICATED TO BE FIRE RATED SHALL BE PROTECTED PER PER SECTIONS 714.3.1 & 714.4.1 OBC.
20. SEE STRUCT. DWGS. FOR TYPICAL JOIST REPAIR AND REINFORCING DETAILS FOR DAMAGED JOISTS DISCOVERED IN THE FIELD AND FOR MODIFICATIONS TO EXISTING JOISTS. VERIFY SCOPE IN FIELD.
21. DIMENSIONS @ TUBS & SHOWERS SHOWN FOR REFERENCE AND MUST BE COORDINATED w/ FIXTURE MFR. INSTALLATION INSTRUCTIONS AND WALL FINISH INSTALLATION.
22. PROVIDE RADON MITIGATION SYSTEM IN ACCORDANCE WITH OHFA AND ECG (GREEN STANDARD) REQUIREMENTS. RADON MITIGATION SYSTEM IS DELEGATED DESIGN, BY GC. ALL RADON PIPING ABOVE BASEMENT IS TO BE CONCEALED BEHIND FINISHES. PROVIDE ELECTRICAL POWER TO THE ATTIC OR ROOF AS REQ'D FOR FUTURE FANS IN CASE TESTING DETERMINES THAT AN ACTIVE SYSTEM IS REQUIRED.
23. REPLACE DETERIORATED OR MISSING SUBFLOOR WHERE OCCURS. VIF SCOPE OF REPLACEMENT.
24. REPLACE DETERIORATED OR MISSING ROOF SHEATHING WHERE OCCURS. VIF SCOPE OF REPLACEMENT. NEW ROOF SHEATHING w/ IN 4' OF AN INTERIOR LOT LINE SHALL BE F.R.T. WOOD.
25. PATCH EXISTING CONCRETE SLABS FLUSH AS REQUIRED AT LOCATIONS OF UNDER-SLAB PLUMBING (NOT SHOWN ON DRAWINGS).
26. ALL OF THE EXISTING TO REMAIN CONSTRUCTION MUST BE REVIEWED IN THE FIELD, AND IN SOME CASES, SUB-STANDARD CONSTRUCTION MUST BE RECTIFIED, INCLUDING BUT NOT LIMITED TO DISCONTINUOUS RATED WALL ASSEMBLIES AND MISSING DRAFTSTOPPING.
27. WHERE THE DRAWINGS SHOW WORK ABUTTING OR ENCROACHING ONTO NEIGHBORING PROPERTIES, THE GC SHALL COORDINATE WITH NEIGHBORING PROPERTY OWNERS PRIOR TO PROCEEDING WITH WORK.
28. SEE 9.0 FOR TYPICAL COMMERCIAL SPACE RESTROOM ENLARGED PLANS AND ELEVATIONS.
29. EXPOSED CONDUIT INTERIOR AND EXTERIOR, EXPOSED DUCTWORK, AND EXPOSED SPRINKLER LINES SHOULD BE PAINTED TO MATCH THE SURFACE IT IS ON.

⟨X⟩ HISTORIC KEYNOTES

- REFER TO DOOR AND WINDOW TAGS ON NEW WORK PLANS AND TO DOOR AND WINDOW SCHEDULES ON SHEETS A0.4 AND A0.5 FOR DETAILED SCOPE OF WORK AT HISTORIC DOOR AND WINDOW OPENINGS.
- IF NOTE OCCURS AT CENTER OF ROOM, NOTE APPLIES TO ALL WALLS, U.N.O.

A. BRICK TO REMAIN EXPOSED WHERE NO PLASTER IS PRESENT. PROVIDE MASONRY CONSOLIDATOR. PRIME AND PAINT WHERE PREVIOUSLY PAINTED.

CEILINGS

B. REMOVE AND SALVAGE HISTORIC METAL STAMPED CEILING PANELS AND CROWN MOULDING FOR REINSTALLATION OVER FIRE-RATED CEILING. SEE NEW WORK PLANS FOR LOCATION OF REINSTALLED CEILING.
C. NOT USED
D. NOT USED

INTERIOR TRIM

E. EXISTING HISTORIC WOOD BASEBOARD TO REMAIN IN PLACE. REPAIR TO MATCH EXISTING WHERE DAMAGED OR DETERIORATED AND PAINT.
F. REMOVE AND SALVAGE EXISTING HISTORIC WOOD BASEBOARD FOR REINSTALLATION WHERE WALL IS TO BE FURRED OUT FOR THERMAL INSULATION OR WHERE PLASTER IS TO BE REMOVED TO IMPROVE FIRE RESISTANCE RATING (SEE WALL TYPES AND NEW WORK PLANS FOR ADDITIONAL INFORMATION). REINSTALL SALVAGED HISTORIC BASEBOARD OVER NEW GYPSUM BOARD. REPAIR, PRIME AND PAINT.
G. REMOVE EXISTING HISTORIC BASEBOARD REMNANTS.
H. HISTORIC WOOD BEADBOARD WAINSCOT AND CHAIR RAIL TO REMAIN - REPAIR AND PAINT. WHERE DETERIORATED OR MISSING PROVIDE NEW TO MATCH - PAINT.
I. REMOVE EXISTING HISTORIC WOOD BEADBOARD WAINSCOT AND CHAIR RAIL. SALVAGE FOR RELOCATION. INSTALL AT STAIRHALL WALLS NOW EXPOSED BY SHAFT WALL DEMOLITION - SEE NEW WORK PLANS. REPAIR, PRIME, PAINT.
J. REMOVE EXISTING HISTORIC CROWN MOULDING REMNANTS.
K. EXISTING HISTORIC MANTEL AND HEARTH (WHERE OCCURS) TO REMAIN IN PLACE. CLEAN AND REPAIR AS REQ'D. PROVIDE NEW PAINT AT MANTEL WHERE PREVIOUSLY PAINTED. PROVIDE NEW STAIN AT MANTEL WHERE PREVIOUSLY STAINED.

FLOORING

L. HISTORIC WOOD FLOORING TO REMAIN. PATCH ALL DAMAGED, DETERIORATED, OR MISSING BOARDS. REFINISH. SEE FINISH SCHEDULE ON A0.2 FOR ADDITIONAL INFO.
M. EXISTING HISTORIC MOSAIC TILE FLOORS TO REMAIN IN PLACE. REPAIR AS REQ'D. SEE FINISH SCHEDULE ON A0.2.
N. EXISTING WOOD FLOORING TO BE CONCEALED BY NEW FINISH FLOORING AS INDICATED ON FINISH SCHEDULE. SEE A0.2 FOR ADDITIONAL INFO.
O. REMOVE EXISTING HISTORIC METAL FLOOR GRATE AND SALVAGE FOR REINSTALLATION AT EXISTING LOCATION ABOVE NEW FLOOR INFILL. GRATE SHALL BE FLUSH WITH NEW FLOORING.
P. CONTEMPORARY VINYL FLOORING AND LUAN SUBSTRATE TO BE CAREFULLY REMOVED TO EXPOSE EXISTING HISTORIC WOOD FLOORING. PATCH ALL DAMAGED, DETERIORATED, OR MISSING BOARDS. REFINISH. SEE FINISH SCHEDULE ON A0.2 FOR ADDITIONAL INFO.

Q. EXISTING HISTORIC STAIR, NEWEL POSTS, NEWEL POST CAPS, BALUSTRADES, AND HANDRAILS (WHERE OCCURS) TO REMAIN. REPAIR OR REPLACE DAMAGED / DETERIORATED / MISSING STAIR COMPONENTS TO MATCH EXIST. PAINT.
R. EXISTING HISTORIC SKYLIGHT TO REMAIN. REPAIR AND REGLAZE AS REQUIRED. SEE STRUCTURAL DWGS. HISTORIC WOOD BEADBOARD SURROUND TO REMAIN. REPAIR AS REQ'D - PAINT.
S. HISTORIC WOOD BEADBOARD SURROUND AT ABANDONED, INFILLED, SKYLIGHT TO REMAIN. REMOVE, SALVAGE, AND REINSTALL OR REPLICATE HISTORIC BEADBOARD SURROUND AS REQ'D TO FIRE-RATE SURROUNDING BEAMS. PAINT.

WINDOWS*

- ***COMBINE LETTERS IN "WINDOW" CATEGORY WITH NUMBERS OF "WINDOW TRIM" CATEGORY**

T. REMOVE NON-HISTORIC WINDOW. HISTORIC WOOD WEIGHT BOX AND BRICK MOULD TO REMAIN. INSTALL NEW WINDOW WITHIN WEIGHT BOX. REPLACE DETERIORATED HISTORIC WOOD BRICK MOULD TO MATCH HISTORIC PROFILE IF REQUIRED. PAINT.
U. PROVIDE NEW CUSTOM WOOD WINDOW AND BRICKMOULD TO MATCH EXISTING ADJACENT HISTORIC WINDOW. INSTALLATION TO MATCH HISTORIC INSTALLATION - PAINT.
V. REMOVE NON-HISTORIC WINDOW OR INFILL (WHERE OCCURS) BACK TO HISTORIC ROUGH MASONRY OPENING, INCLUDING BLOCKING, WEIGHT BOXES, AND BRICK MOULD (WHERE PRESENT). INFILL PER NEW WORK PLANS. EXISTING EXTERIOR HEADER AND SILL TO REMAIN. REFER TO NEW WORK PLANS.
W. EXISTING HISTORIC WOOD WINDOW AND ALL ASSOCIATED WINDOW COMPONENTS TO REMAIN. REPAIR TO AN OPERABLE CONDITION - PAINT. INSTALL NEW EXTERIOR STORM WINDOW (WHERE APPLICABLE).
X. NOT USED

WINDOW TRIM

REFER TO NOTES BELOW FOR TREATMENT OF INTERIOR WINDOW TRIM:

1. EXISTING HISTORIC INTERIOR WOOD WINDOW TRIM TO REMAIN IN PLACE. REPAIR TO MATCH EXISTING WHERE DAMAGED OR DETERIORATED. PAINT.
2. REMOVE AND SALVAGE HISTORIC INTERIOR WOOD WINDOW TRIM FOR REINSTALLATION. REPAIR TO MATCH EXISTING WHERE DAMAGED OR DETERIORATED. PROVIDE WOOD JAMB AND SILL EXTENDERS WHERE REQUIRED AT NEWLY FURRED WALLS. PRIME AND PAINT.
3. PROVIDE NEW WOOD WINDOW TRIM TO MATCH ADJACENT HISTORIC WINDOW TRIM. PRIME / PAINT.
4. WHERE NO EXISTING INTERIOR WINDOW TRIM IS PRESENT AT HISTORIC WINDOW OPENING, PROVIDE NEW CONTEMPORARY WOOD WINDOW TRIM. PRIME AND PAINT. SEE TYPICAL TRIM ON SHEET A0.5.

INTERIOR DOORS

Y. EXISTING HISTORIC METAL DOOR AND FRAME TO REMAIN. REPAIR AND PAINT COMPONENTS PREVIOUSLY PAINTED.
Z. EXISTING HISTORIC SLIDING METAL DOOR AND TRACK. REMOVE AND REINSTALL IN FIXED OPEN POSITION. NEW FIRE RATED DOOR AND FRAME TO BE INSTALLED.
AA. EXISTING HISTORIC SLIDING METAL DOOR AND TRACK TO REMAIN. DOOR IS TO BE FIXED IN THE CLOSED POSITION. HISTORIC OPENING TO BE INFILLED.
AB. EXISTING HISTORIC METAL DOOR AND FRAME TO BE REMOVED. INSTALL NEW FIRE RATED DOOR AND FRAME IN EXISTING OPENING.
AC. EXISTING HISTORIC WOOD DOOR, FRAME, AND TRIM TO REMAIN. REPAIR AND PAINT.
AD. EXISTING HISTORIC WOOD DOOR AND FRAME TO REMAIN AND BE FIXED IN CLOSED POSITION. HISTORIC TRIM TO REMAIN ON EXPOSED SIDE ONLY. REFER TO NEW WORK PLANS. REPAIR, PRIME, AND PAINT.
AE. EXISTING HISTORIC WOOD DOOR OR CASED OPENING TRIM TO REMAIN. REPAIR, PRIME, AND PAINT.
AF. REMOVE HISTORIC DOOR AND FRAME. HISTORIC TRIM TO BE SALVAGED AND REINSTALLED IF WALL REMAINS AND APPLICABLE. REPAIR AND PAINT.
AG. HISTORIC WOOD DOOR TRIM TO REMAIN. SALVAGE AND REINSTALL AT NEW DOOR FRAME. REPAIR AND PAINT.
AH. REMOVE EXISTING DOOR. EXISTING FRAME AND TRIM TO REMAIN. REPAIR, PRIME, AND PAINT.
AI. NOT USED
AJ. NOT USED.
AK. REMOVE EXISTING DOOR. EXISTING HISTORIC WOOD FRAME AND TRANSOM TO REMAIN. REPAIR AND PAINT. PROVIDE NEW GLAZING OR PLYWOOD PANEL AT EXISTING TRANSOM AS INDICATED ON DOOR SCHEDULE. HISTORIC TRIM TO REMAIN AT STAIR SIDE ONLY. SALVAGE HISTORIC TRIM FROM UNIT SIDE FOR REINSTALLATION OVER NEW FIRE RATED FRAME, IF REQUIRED.

EXTERIOR

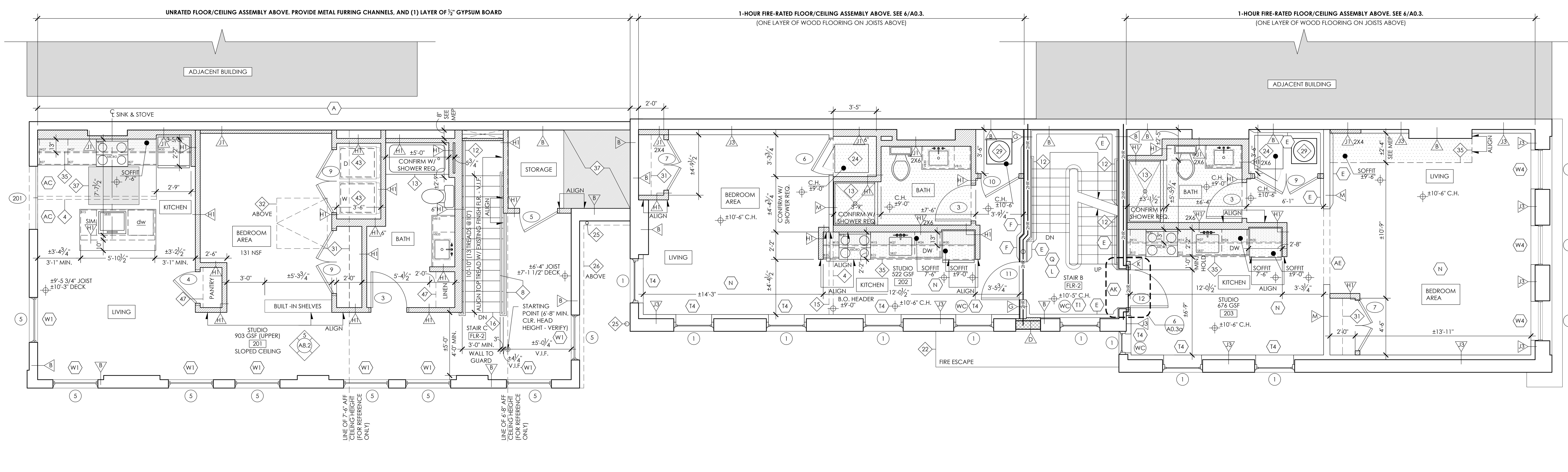
AL. HISTORIC STOREFRONT ELEMENTS TO REMAIN. ALL CAST IRON AND / OR STONE ELEMENTS ARE TO REMAIN IN PLACE AND BE STABILIZED. REMOVE ALL NON-HISTORIC STOREFRONT INFILL. PROVIDE TEMPORARY BRACING AND SHORING AS REQ'D. EXERCISE CAUTION SO AS NOT TO DAMAGE HISTORIC ELEMENTS. NOTIFY ARCHITECT/ENGINEER OF RECORD FOLLOWING REMOVAL FOR INSPECTION.
AM. EXISTING CAST IRON CURB TO REMAIN. REPAIR AS REQ'D.
AN. HISTORIC STONE AND METAL ROOF CORNICE/BANDING, BRACKETS, AND MOULDING TO REMAIN. REPAIR DETERIORATED ELEMENTS TO MATCH EXISTING. PAINT IF PREVIOUSLY PAINTED.
AO. EXISTING HISTORIC WOOD TRANSOM BAR AND WOOD BRICK MOULD TO REMAIN - REPAIR AND PAINT. EXISTING NON-HISTORIC ENTRY DOOR AND WOOD FRAMED TRANSOM INFILL TO BE REMOVED. PROVIDE NEW ALUMINUM CLAD WOOD DOOR, SIDE PANEL, AND TRANSOM WINDOW.
AP. HISTORIC WOOD SHUTTERS TO BE REMOVED AND SALVAGED FOR REINSTALLATION IN THE FIXED POSITION. REPAIR AND PAINT. REMOVE EXISTING INTERIOR FRAMING AT OPENING AND PREP FOR NEW INFILL PER NEW WORK PLANS. INTERIOR TRIM TO BE REMOVED AND SALVAGED FOR REINSTALLATION. REPAIR AND PAINT.
AQ. HISTORIC BOX GUTTER TO REMAIN. REPAIR ALL DETERIORATED ELEMENTS. PAINT. PROVIDE NEW ROOF MEMBRANE LINER AND SLOPE TO DRAIN TO NEW OR EXISTING DOWNSPOUT LOCATION.
AR. HISTORIC WOOD BRICK MOULD TO REMAIN - REMOVE EXIST. INFILL. PROVIDE NEW ALUMINUM CLAD WOOD DOORS AND TRANSOM WINDOW.
AS. HISTORIC WOOD TRANSOM, BRICK MOULD, AND INTERIOR WOOD TRIM TO REMAIN - REPAIR AND PAINT. INSTALL NEW ALUMINUM CLAD WOOD DOOR.

⟨#⟩ NEW WORK PLAN KEYNOTES

1. EXISTING CONCRETE SLAB TO REMAIN. VIF AREAS OF SEVERE DAMAGE, AND REPAIR TO MATCH EXISTING. PATCH AS REQUIRED FOLLOWING INSTALLATION OF NEW UNDER-SLAB PLUMBING (NOT SHOWN) - SEE PLUMBING DWGS.
2. INTERIOR CONCRETE SLAB ON GRADE. PROVIDE VAPOR RETARDER. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFO.
3. EXISTING STEEL OR CAST IRON COLUMN TO REMAIN. CLEAN AND PRIME. 2-HR FIRE-RATED. PROVIDE INTUMESCENT COATING, SEE DETAIL 1/A0.3.a. SEE STRUCTURAL DWGS.
4. LINE OF EXISTING STRUCTURE ABOVE TO REMAIN (BEAM, HEADER, ROOF OVERHANG, ETC.) / CENTERLINE OF EXISTING BEAM ABOVE.
5. LINE OF EXISTING BRICK/STONE ARCHES ABOVE TO REMAIN. NEW CONCRETE PAVING OCCURS ABOVE - COORDINATE WITH CIVIL AND STRUCTURAL DRAWINGS
6. EXISTING STEEL OR CAST IRON COLUMN TO REMAIN. CLEAN, PAINT.
7. REPLACE EXISTING CONCRETE SIDEWALK. SIDEWALK AND BACKFILL BELOW (WHERE OCCURS) SHALL BE IN ACCORDANCE W/ DOTE STANDARDS. SEE STRUCTURAL AND CIVIL DWGS.

7A. PROVIDE NEW EXTERIOR CONCRETE SLAB ON GRADE. SLOPE ¼" PER FOOT AWAY FROM BUILDINGS. SEE STRUCTURAL DRAWINGS. SEE CIVIL DRAWINGS FOR NEW GRADING, SLOPED CONCRETE WALKS, ETC, AND EXTENT OF CONCRETE CURB REPLACEMENT. SLOPED CONCRETE WALKS SHALL NOT EXCEED 1:20 SLOPE. EXISTING GRANITE CURBS TO REMAIN AND TO BE RAISED WHERE INDICATED ON CIVIL DRAWINGS.

8. STEEL GUARDRAIL (INSIDE DWELLING UNIT) @ 36" AFF, (AT OPEN-SIDED BASEMENT STAIR) @ 42". 1 ½" SQUARE TUBE TOP AND BOTTOM RAILS, VERTICAL STEEL PICKETS @ 4" O.C. GUARD SHALL NOT ALLOW THE PASSAGE OF A 4" SPHERE. DELEGATED DESIGN - GUARDRAIL LOADING SHALL BE IN ACCORDANCE w/ DESIGN LOADS IN STRUCTURAL DRAWINGS. PROVIDE SHOP DRAWINGS.
9. INFILL EXISTING BASEMENT WINDOW WELL/ STAIRWELL / COAL CHUTE. PROVIDE CMU WALL INFILL, FLUID-APPLIED WATERPROOFING AND DRAINAGE/PROTECTION BOARD ON EXTERIOR SIDE OF CMU PRIOR TO INSTALLING FILL. INFILL WELL PER STRUCTURAL DRAWINGS. LOWER TOPS OF EXISTING WALLS AS REQUIRED FOR NEW EXTERIOR GRADES (VIF). WHERE INFILL OCCURS BENEATH R.O.W., INFILL AND PAVING SHALL BE IN ACCORDANCE w/ DOTE STANDARDS. SEE STRUCTURAL DWGS FOR INFILL AND REINFORCING. SEE CIVIL DRAWINGS FOR NEW EXTERIOR GRADING/PAVEMENT, WHERE OCCURS.
10. EXISTING WOOD FRAMED STAIRS AND LANDING TO REMAIN. REPAIR AS REQUIRED, PRIME, AND PAINT.
11. NEW P.T. WOOD BASEMENT STAIR TO REPLACE EXISTING DETERIORATED STAIR. 11" TREAD, 7" MAX RISER HEIGHT, EQUAL HEIGHT RISERS. 6'-8" MIN. HEAD HEIGHT. 36" MIN. STAIR WIDTH, WALL-TO-GUARD. PROVIDE 42" HIGH STEEL GUARDRAIL AT OPEN SIDE OF STAIR. GUARDRAIL IS DELEGATED DESIGN. PROVIDE SHOP DRAWINGS FOR STAIR AND RAILINGS.
12. STEEL HANDRAIL, 1 ½" DIAMETER, PAINTED, @ 36" AFF. WHERE EXISTING CONDITIONS ALLOW, EXTEND 12" HORIZONTALLY AT TOP OF STAIR AND EXTEND DIAGONALLY (1) TREAD DEPTH AT BOTTOM. RETURN HANDRAIL TO WALL AS SHOWN ON FLOOR PLAN (WHERE PLAN CONFIGURATION ALLOWS), OTHERWISE RETURN TO FLOOR. EXTERIOR HANDRAILS TO BE GALVANIZED. **AT RAMPS:** EXTEND HANDRAILS 12" HORIZONTALLY AT TOP AND BOTTOM OF RAMP; WHERE RAMP HANDRAIL IS NOT MOUNTED TO WALL, PROVIDE 1 ½" DIAMETER POSTS, EQUALLY SPACED AT 4' O.C. MAX SPACING. (INSIDE RESIDENTIAL DWELLING UNIT HANDRAIL EXTENSIONS AT TOP AND BOTTOM OF STAIR NOT REQUIRED; SEE PLAN FOR HANDRAIL CONFIGURATION.)
13. **BATHTUB / SHOWER / ROLL-IN SHOWER** BASE WITH TILE SURROUND. SEE PLUMBING DRAWINGS AND INTERIOR ELEVATIONS. PROVIDE GRAB BARS IN ROLL-IN SHOWERS IN ACCESSIBLE UNITS. AT FIRE-RATED WALLS AND EXTERIOR WALLS, GYPSUM BOARD MUST BE CONTINUOUS BEHIND BATH SURROUND. PRIOR TO FRAMING WALLS, VERIFY WALL FRAMING DIMENSIONS w/ BATH MFR, AND COORD. EXACT FRAMING DIMENSIONS IN FIELD. WHERE EXISTING FRAMING OCCURS, FRAMING DIMENSIONS VARY - VIF PRIOR TO ORDERING BATHTUB/SHOWER BASES.
14. STRUCTURAL CONCRETE SLAB ON GALVANIZED METAL DECK TO REPLACE EXIST. SLAB ON DECK. SEE STRUCT DWGS.
15. EXIST. FRAMED HEADER TO BE RAISED - ALIGN W/ ADJACENT SOFFIT FOR CONTINUOUS PLANE. SEE PLAN.
16. NEW WOOD STAIR INSIDE DWELLING UNIT. 10" TREAD, 7 ¾" MAX. RISER HEIGHT. PROVIDE EQUAL HT. RISERS IN EACH STAIR RUN. 6'-8" MIN. HEAD HEIGHT. 36" MIN. STAIR WIDTH, MEASURED WALL-TO-WALL OR WALL-TO-GUARD. PROVIDE PAINTED WD. RISER. TREAD TO MATCH WOOD FLOORING ABOVE. SEE STRUCTURAL DRAWINGS. PROVIDE SHOP DRAWINGS.
17. 2-HOUR FIRE-RATED CEILING MEMBRANE ABOVE. PROVIDE (4) LAYERS OF ⅝" TYPE X GYP. BD. AND FURRING PER DETAIL 5/A0.3.
18. NEW P.T. WOOD STAIR TO REPLACE EXISTING DETERIORATED WOOD STAIR. STAIR CONFIGURATION, TREAD DEPTH AND RISER HEIGHT TO MATCH EXISTING (AN EXISTING NON-COMPLYING CONDITION). PROVIDE 42" HIGH STEEL GUARDRAIL AT OPEN SIDES OF STAIR. GUARDRAIL IS DELEGATED DESIGN. PROVIDE SHOP DRAWINGS FOR STAIR AND RAILINGS. SEE STRUCT DWGS.
19. EXISTING STEEL / WOOD POST AND BEAM JOIST END REINFORCEMENT TO REMAIN, UNO. EVALUATE CONDITION, REPAIR AS REQUIRED. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFO.
20. WOOD RAMP, 1:12 MAXIMUM SLOPE, OVER-FRAMED ATOP NEW LOWERED FLOOR STRUCTURE. 36" MIN CLEAR WIDTH BETWEEN HANDRAILS. SEE STRUCTURAL DRAWINGS.
21. FLOOR STRUCTURE AT ENTRY TO BE LOWERED TO ACCOMMODATE NEW ACCESSIBLE ENTRANCE. COORDINATE NEW LOWERED FLOOR ELEVATION w/ EXTERIOR GRADE SO THAT INTERIOR FINISHED FLOOR ALIGNS w/ EXTERIOR GRADE AT EXTERIOR DOOR THRESHOLD. SEE DEMO PLANS, STRUCT DWGS, AND CIVIL DWGS.
22. EXISTING FIRE ESCAPE TO REMAIN. CLEAN, REPAIR, PAINT. REPAIRS TO FIRE ESCAPE AND CITY OF CINCINNATI F.E. INSPECTION UNDER SEPARATE PERMIT AND DELEGATED DESIGN - NOTED FOR REFERENCE ONLY.
23. USPS/ADA/ANSI-APPROVED MAILBOXES, SURFACE-MOUNTED OR RECESSED, SEE PLAN. SURFACE MOUNTED = 4B+ VERTICAL MAILBOXES, RECESSED = 4B+ HORIZONTAL. MAILBOXES FOR ACCESSIBLE UNITS AND COMMERCIAL SPACES SHALL BE REACHABLE w/ IN 48" AFF. COORDINATE QUANTITIES AND ARRANGEMENT IN FIELD WITH ARCHITECT AND OWNER.
24. NEW STACKED CLOTHES WASHER AND DRYER, SEE APPLIANCE SCHEDULE. PROVIDE PLUMBED WASHER PAN. REFER TO MEP DWGS FOR EXHAUST, PLUMBING, AND ELECTRICAL REQ'S.
25. PRE-FINISHED ALUMINUM DOWNSPOUT, COLOR TBD. PROVIDE NEW PVC BOOT AT GRADE, PAINT TO BLEND WITH EXISTING MASONRY WALL. SCOPE EXISTING STORM LINES TO ENSURE WORKING CONDITION, REPAIR AS REQ'D. SEE PLUMBING DWGS FOR ADDITIONAL INFO.
26. EXISTING CMU WALL INFILL AND PREVIOUSLY FILLED BASEMENT ENCROACHMENT BELOW SIDEWALK TO REMAIN. VERIFY IN FIELD DURING SIDEWALK REPLACEMENT THAT EXISTING BACKFILL CONFORMS TO DOTE REQUIREMENTS. CONTACT ARCHITECT IF EXISTING CONDITIONS ARE FOUND TO DEVIATE FROM ASSUMPTIONS.
27. EXISTING BAY WINDOW ABOVE. EVALUATE JOIST FRAMING, CLADDING AND TRIM AT UNDERSIDE, REPAIR AS REQUIRED. FILL JOIST CAVITY WITH BATT INSULATION, AND PROVIDE "SMART VAPOR BARRIER" AT UNDERSIDE OF JOISTS. REINSTALL SALVAGED CLADDING AND TRIM OR REPLACE IN KIND WITH NEW. IF STRUCTURE IS FOUND TO BE COMPROMISED, CONTACT ARCHITECT AND STRUCTURAL ENGINEER.
28. 20" X 30" LOCKABLE, SELF-CLOSING ACCESS PANEL TO CONCEALED SPACE. FIRE-RATED, WHERE OCCURS IN RATED WALL/CEILING. FIRE RATING IS TO MATCH FIRE-RATING OF RATED ASSEMBLY. GALVANIZED METAL TO PREVENT CORROSION IN BASEMENT. INSTALL PER MFR.'S REQUIREMENTS.
29. STACKED HVAC UNIT AND WATER HEATER. SEE MEP DRAWINGS. PROVIDE BLOCKING AS REQ'D.
30. SURFACE-MOUNTED INTERCOM WITH REMOTE DOOR RELEASE SYSTEM. DELEGATED DESIGN. COORDINATE INSTALLATION AND LOCATION OF IN FIELD WITH OWNER AND ARCHITECT. COORDINATE POWER REQ'S w/ ELECTRICIAN.
31. SHELF + CLOTHES HANGING ROD. IN NON-ACCESSIBLE UNITS, PROVIDE WOOD HANGING ROD @ 60" AFF, WITH PAINTED WOOD SHELF ABOVE. IN ACCESSIBLE UNITS, PROVIDE VINYL-COATED WIRE SHELF WITH HANGING ROD MOUNTED ON ADJUSTABLE HEIGHT STEEL BRACKETS @ 48" AFF. PROVIDE BLOCKING AS REQUIRED.
32. ROOF HATCH ABOVE. SEE ROOF PLAN AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
33. NEW WOOD POST AND BEAM JOIST SUPPORT. 2-HOUR FIRE-RATED WHERE OCCURS AT SUPPORTING CONSTRUCTION BENEATH 2-HR STAIR ENCLOSURE OR 2-HR FLOOR/CEILING ASSEMBLY ABOVE. SEE DETAILS 3 AND 4/A0.3.a. REFER TO STRUCTURAL DWGS.
34. ALIGN EXTERIOR AND INTERIOR FINISHED FLOOR ELEVATIONS AT DOOR THRESHOLD. COORDINATE EXACT ELEVATIONS IN FIELD, SEE CIVIL AND STRUCTURAL DRAWINGS. SLOPE EXTERIOR GRADE AWAY FROM DOOR THRESHOLD 1/4" PER FOOT TO SHED WATER.
35. LINE OF LOWERED GYPSUM BD. CEILING/ FACE OF SOFFIT ABOVE. TYPICAL DROP FOR MEP ROUTING IS 18" FROM HIGH CEILING, UNLESS NOTED OTHERWISE ON PLAN. ABOVE KITCHEN WALL CABINETS, PROVIDE 13" DEEP LOWERED CEILING TO TOP OF WALL CABINETS, U.N.O. SEE CEILING HEIGHTS ON PLAN FOR ADDITIONAL INFO.
36. (5) EQUALLY SPACED PAINTED WOOD SHELVES. 3/4" BIRCH PLYWOOD w/ 1x2 EDGE TRIM.
37. INFILL EXISTING OPENING IN FLOOR STRUCTURE WITH NEW FRAMING TO MATCH EXISTING. NEW FINISHED FLOOR AT AREA OF FLOOR INFILL TO BE FLUSH WITH ADJACENT FINISHED FLOOR. SEE STRUCTURAL DWGS.
38. ROUTE SANITARY PLUMBING FROM 2ND FLOOR HORIZONTALLY THROUGH FIRE-RATED FLOOR/CEILING ASSEMBLY WITHOUT ENTERING FIRE-RATED RATED STAIR ENCLOSURE. CONTACT ARCHITECT IF PROPOSED ROUTING IS NOT FEASIBLE. SEE PLUMBING DRAWINGS.
39. 1623 VINE UNITS 11&12 ONLY: KITCHEN WALL CABINET HEIGHT VARIES AT 7'-0" SOFFIT CONDITION AT SLOPED CEILING. REFER TO A8 SHEET SERIES FOR INTERIOR ELEVATIONS AND MODIFY WALL CABINET HEIGHT AS REQUIRED FOR DECREASED SOFFIT HEIGHT. MAINTAIN TYPICAL BACKSPLASH HEIGHT ABOVE COUNTER.
40. NEW CONCRETE STAIR AT EXTERIOR ENTRY. 11" TREADS, EQUAL HEIGHT RISER(S) (7" MAX). SEE STRUCTURAL DWGS. FOR ADDITIONAL INFO AND REINFORCING.
41. NEW CONCRETE STAIR AT BASEMENT. 11" TREADS, EQUAL HEIGHT RISER(S) (7" MAX). SEE STRUCTURAL DWGS. FOR ADDITIONAL INFO AND REINFORCING.
42. NEW STEEL COLUMN. SEE STRUCTURAL DRAWINGS.
43. SIDE-BY-SIDE WASHER/DRYER, SEE APPLIANCE SCHEDULE. IN ORDER TO MEET ACCESSIBILITY REQUIREMENTS, A 4" RISER/PEDESTAL FROM MANUFACTURER MAY BE REQUIRED. PROVIDE PLUMBED WASHER PAN. REFER TO MEP DWGS FOR EXHAUST, PLUMBING, AND ELECTRICAL REQ'S.
44. (2) EACH - COMMERCIAL FRONT-LOADING WASHERS AND DRYERS IN COMMUNAL LAUNDRY ROOM. SEE APPLIANCE SCHEDULE. SEE MEP DRAWINGS.
45. LOCATION OF INTERNAL ROOF DRAIN LEADER. EVALUATE CONDITION OF LEADER AND STORM CONNECTION, SCOPE EXISTING BELOW-GRADE STORM LINES, REPAIR/REPLACE AS REQUIRED. SEE PLUMBING DRAWINGS.
46. EXISTING STONE STEP(S) TO REMAIN.
47. (5) EQUALLY SPACED, VINYL-COATED WIRE SHELVES ON WALL-MOUNTED ADJUSTABLE STEEL BRACKETS. PROVIDE BLOCKING AS REQUIRED.
48. LOCATION OF WALL-MOUNTED DOOR OPERATOR BUTTON FOR SECURITY GATE @ 48" MAX AFF. DOOR OPERATOR IS TIED TO REMOTE ACCESS CONTROL SYSTEM. COORDINATE EXACT LOCATION IN FIELD w/ OWNER AND ARCHITECT. COORDINATE ELECTRICAL POWER AS REQUIRED.
49. 6' HIGH ALUMINUM PICKET FENCE WITH LOCKABLE GATE. COORDINATE EXACT LOCATION IN FIELD AND WITH ADJACENT PROPERTY OWNER TO AVOID OBSTRUCTING WINDOWS, INCLUDING WINDOWS OF THE ADJACENT BUILDING. SEE CIVIL DRAWINGS.
50. EXISTING CONCRETE RAMP AT ADJACENT BUILDING TO REMAIN - SHOWN FOR REFERENCE. PROTECT DURING CONSTRUCTION. GC SHALL COORDINATE WORK IN SHARED PASSAGEWAY WITH ADJACENT PROPERTY OWNER.
51. HVAC CHASE FROM BASEMENT TO 1ST FLOOR. SEE MEP DRAWINGS. SEE STRUCTURAL DWGS FOR OPNG.
52. MODIFY EXISTING FIRE ESCAPE LADDER AS REQUIRED TO ACCOMMODATE NEW SLAB ELEVATION. CLEAN AND PAINT. GC IS RESPONSIBLE FOR FIRE ESCAPE INSPECTION AND REPAIRS PER CITY OF CINCINNATI (SEPARATE PERMIT).
53. FUTURE HOOD EXHAUST AND MAKE-UP AIR FOR 1ST FLOOR COMMERCIAL SPACE, UNDER SEPARATE PERMIT - SHOWN FOR REFERENCE ONLY. SEE MEP AND STRUCTURAL DRAWINGS FOR ADDITIONAL REFERENCE INFORMATION.
54. SINK: IN "ANSI TYPE A" MOBILITY UNITS, PROVIDE ACCESSIBLE SINK BASE w/ REMOVABLE FRONT. MIN. 30" WIDE CLEAR OPEN SPACE AT SINKS WITH ANSI A117.1-COMPLIANT KNEE AND TOE CLEARANCE. FLOOR FINISH AND WALL FINISH TO EXTEND UNDER AND BEHIND CABINETRY. 34" MAX. COUNTER HEIGHT, TYP. SEE INTERIOR ELEVATIONS A8.0, AND PLUMBING DRAWINGS FOR ADDITIONAL REQ'S.
55. KITCHEN WORK SURFACE: IN "ANSI TYPE A" MOBILITY UNITS, PROVIDE COUNTERTOP WORK SURFACE IN KITCHEN w/ 30" WIDE CLEAR FLOOR SPACE. PROVIDE FINISHED END PANELS @ EXPOSED SIDES. 34" MAX. COUNTER HEIGHT, TYP. FLOOR FINISH AND WALL FINISH TO EXTEND UNDER & BEHIND CABINETRY. SEE INTERIOR ELEVATIONS ON SHEET A8.0.
56. LINE OF EXTERIOR MASONRY WALL ABOVE, SHOWN FOR REFERENCE. SUPPORTING CONSTRUCTION IS TO BE 2-HR RATED, AND INDIVIDUALLY ENCASED. STEEL BEAMS ASSUMED - SEE DETAIL 1/A0.3.a FOR RATING. CONTACT ARCHITECT IF EXISTING CONDITIONS VARY FROM THESE ASSUMPTIONS.
57. CONCRETE SLOPE WITHIN DOOR CLEARANCE AREA TO BE 1/4" PER FOOT TO DRAIN WATER. SEE CIVIL DRAWINGS FOR ADDITIONAL GRADING INFORMATION.
58. EXISTING INFILL w/ STUCCO FINISH TO REMAIN. EVALUATE CONDITION IN FIELD, AND REPAIR AS REQ'D TO MATCH EXISTING CONSTRUCTION. PAINT. AT INTERIOR, FUR OUT WALL WITHIN OPENING TO ALIGN WITH ADJACENT SURFACE. PAINT.
59. 2-HR FIRE-RATED STEEL BEAM ABOVE. PROVIDE SFRM PER DETAIL 3/A0.3.a.
60. USPS/ADA/ANSI APPROVED RESIDENTIAL STYLE EXTERIOR GRADE SURFACE-MOUNTED LOCKABLE MAILBOX. MOUNT SO KEY IS 48" MAX ABOVE GRADE. COORDINATE QUANTITIES AND ARRANGEMENT IN FIELD WITH ARCHITECT AND OWNER.
61. EXISTING MASONRY SITE PARTY WALL TO REMAIN. PROVIDE NEW ALUMINUM COPING. SEE SPECIFICATIONS.
62. NEW FLOOR DRAIN. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION AND FOR ADDITIONAL FLOOR DRAIN LOCATIONS NOT ILLUSTRATED ON THESE PLANS.
63. NEW OR EXISTING CURB. SEE EXTERIOR ELEVATIONS AND STRUCTURAL DWGS.
64. EXISTING 1-HR FIRE-RATED WALL (UL 340) TO REMAIN. CONTRACTOR TO VERIFY THAT EXISTING FINDINGS IN THE FIELD AND NECESSARY REPAIRS / MODIFICATIONS (WHERE REQUIRED) ALIGN WITH THE UL LISTING.
65. EXISTING 1-HR FIRE-RATED WALL (GA FILE NO. WP 1072) TO REMAIN. CONTRACTOR TO VERIFY THAT EXISTING FINDINGS IN THE FIELD AND NECESSARY REPAIRS (WHERE REQUIRED) ALIGN WITH THE UL LISTING AND THAT EXIST. WALL IS CONTINUOUS TO UNDERSIDE FLOOR SHEATHING ABOVE.
66. NEW HVAC UNIT SERVING COMMERCIAL SPACE ABOVE. REFER TO MEP DWGS.
67. NEW WATER HEATER. REFER TO MEP DWGS.
68. INFILL HISTORIC DOOR OPENING PER WALL TYPE SHOWN ON PLAN. PROVIDE PRIMED AND PAINTED DOOR TRIM (SALVAGED OR NEW TO MATCH ADJACENT STAIRHALL DOORS) AT STAIRHALL SIDE ONLY TO SHOW OUTLINE OF PREVIOUS DOOR LOCATION.
69. NEW CONCRETE FOOTING AT NEW STRUCTURE. FOOTING TO BE FLUSH WITH EXISTING FLOOR SLAB, TYP. COORDINATE EXACT LOCATION IN FIELD. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
70. WITHIN EXIST. SLOPED CEILING PORTION OF BUILDING, HOLD NEW SOFFITS / DROPPED CLGS AS HIGH AS POSSIBLE (7'-0" MIN. CLR. HEIGHT). DROPPED CEILINGS TO BE FLAT (NOT SLOPED). REFER TO MEP DWGS.
71. CENTERLINE OF NEW LINTEL / BEAM ABOVE. SEE STRUCTURAL DRAWINGS.
72. NEW WOOD POST AND BEAM (ABOVE). SEE STRUCTURAL DRAWINGS.
73. LOW WALL w/ PAINTED 1" THICK WOOD CAP TO CONCEAL PLUMBING. MATCH HEIGHT OF STOREFRONT WALL SILL. KEEP TO MINIMUM SIZE (COORD. IN FIELD).



1 / A3.2 SECOND FLOOR NEW WORK PLAN
1/4" = 1'-0"

N

0 2 4 8 16

NOT FOR CONSTRUCTION

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ISSUE LOG:
06.02.2023 ISSUE FOR PERMIT
⚠1 07.14.2023 PERMIT REVISION 1
09.21.2023 OHFA PRELIM. SUBMISSION

SECOND FLOOR NEW WORK PLAN

A3.2

PRELIMINARY: NOT FOR CONSTRUCTION

NEW WORK PLAN GRAPHIC KEY

- EXISTING MASONRY WALL
- EXISTING FRAMED WALL
- EXISTING STRUCTURE ABOVE TO REMAIN
- NEW FRAMED WALL
- NEW MASONRY WALL (CMU/BRICK)
- 1HR — 1-HR FIRE-RATED WALL
- 2HR — 2-HR FIRE-RATED WALL
- CENTERLINE OF EXISTING OR NEW BEAM / LINTEL ABOVE. SEE STRUCTURAL DRAWINGS
- HATCH INDICATES AREA OF NEW LOWERED GYP. BD. CEILING (ABOVE). DASHED LINE INDICATES FACE OF SOFFIT (ABOVE). TYPICAL DROP FOR MEP ROUTING IS 18" FROM HIGH CLG., U.N.O. SEE KEY NOTE #35 FOR ADDT'L INFO.
- HATCH INDICATES LOWERED SOFFIT ABOVE KITCHEN CABINETRY, ALIGN W/TOP OF CABINETRY, U.N.O. SEE KEY NOTE #35 FOR ADDT'L INFO.
- AREA OF NEW FLOOR OR ROOF INFILL
- AREA OF NEW CONCRETE SLAB. SEE STRUCTURAL / CIVIL DWGS.

NEW WORK PLAN GENERAL NOTES

1. DO NOT SCALE DRAWINGS. REFER TO DIMENSIONS AND NOTES.
2. DIMENSIONS ARE TO NEW FINISH FACE OR EXISTING FINISH, U.N.O. NEW MASONRY WALLS AND MASONRY OPENINGS ARE DIMENSIONED TO MASONRY.
   - EXISTING FRAMED WALLS AT 1629 VINE ST. ARE DIMENSIONED TO FACE OF STUD.
3. SEE A8.0, A8.1, & A8.2 FOR TYPICAL KITCHEN AND BATHROOM ENLARGED PLANS AND ELEVATIONS.
4. LOAD-BEARING WALLS, COLUMNS, BEAMS, AND STRUCTURAL ELEMENTS TO REMAIN, U.N.O.
5. PATCH AND REPAIR ALL SURFACES TO MATCH EXISTING ADJACENT CONSTRUCTION AT AREAS OF DEMOLITION AND NEW CONSTRUCTION.
6. CLEAN BRICK AND STONE MASONRY PER SPECIFICATIONS. PROVIDE TEST AREA FOR REVIEW.
7. REPLACE ALL MISSING, CRACKED, ERODED, OR SPALLED BRICKS WITH SALVAGED HISTORIC BRICKS OR NEW BRICKS TO MATCH HISTORIC BRICKS. EXERCISE CARE SO AS NOT TO DAMAGE ADJACENT HISTORIC BRICKS TO REMAIN. REPOINT ALL MISSING, DETERIORATED, OR SOFT MORTAR JOINTS IN ALL MASONRY. REFER TO EXTERIOR ELEVATIONS AND SPECIFICATIONS FOR ADDITIONAL REQ'S.
8. REPLACE CRACKED STONE LINTELS AND SILLS TO MATCH EXISTING.
9. UNPAINTED EXTERIOR MASONRY IS TO REMAIN UNPAINTED. PAINTED EXTERIOR MASONRY IS TO BE RE-PAINTED - COLOR TBD BY ARCHITECT.
10. NEW DOORS IN STUD WALLS LOCATED IN CORNERS ARE NOT DIMENSIONED ON PLANS. INSTALL NEW DOOR 4" FROM END WALL TO INSIDE OF FRAME, U.N.O.
11. NEW CLOSET DOORS ARE TO BE CENTERED ON CLOSET, U.N.O.
12. PROVIDE BLOCKING AS REQUIRED IN WALLS FOR NEW PARTITIONS, FIXTURES, SHELVING, CABINETS, BATHROOM ACCESSORIES, ETC.
13. ALL EXISTING OPENINGS WHERE NEW DOORS ARE TO BE LOCATED ARE TO BE FIELD VERIFIED. ALL OPENINGS MUST BE ASSUMED TO BE UNIQUE.
14. AT NEW AND MODIFIED MASONRY OPENINGS, WHERE MASONRY IS EXPOSED, TOOTH-OUT AND KEY-IN MATCHING BRICK. PROVIDE SALVAGED/NEW BRICK TO MATCH EXISTING.
15. PROVIDE P.T. WOOD SILL PLATE AT WOOD STUD WALLS IN CONTACT CONC. OR MASONRY.
16. SEE MEP DRAWINGS FOR LOCATIONS OF ROOF PENETRATIONS. PROVIDE PENETRATION FLASHING PER ROOFING MFR'S REQUIREMENTS AND RECOMMENDATIONS.
17. CEILING HEIGHTS INDICATED ON PLANS ARE FROM FINISH FLOOR TO FINISH CEILING. COORDINATE WITH MEP ROUTING. CONTACT ARCHITECT FOR DISCREPANCIES.
18. PROVIDE FIREBLOCKING IN ALL NEW ASSEMBLIES PER SECTION 718.2 OBC.
19. THROUGH PENETRATIONS OF FLOOR / CEILING ASSEMBLIES AND WALL ASSEMBLIES INDICATED TO BE FIRE RATED SHALL BE PROTECTED PER PER SECTIONS 714.3.1 & 714.4.1 OBC.
20. SEE STRUCT. DWGS. FOR TYPICAL JOIST REPAIR AND REINFORCING DETAILS FOR DAMAGED JOISTS DISCOVERED IN THE FIELD AND FOR MODIFICATIONS TO EXISTING JOISTS. VERIFY SCOPE IN FIELD.
21. DIMENSIONS @ TUBS & SHOWERS SHOWN FOR REFERENCE AND MUST BE COORDINATED w/ FIXTURE MFR. INSTALLATION INSTRUCTIONS AND WALL FINISH INSTALLATION.
22. PROVIDE RADON MITIGATION SYSTEM IN ACCORDANCE WITH OHFA AND ECG (GREEN STANDARD) REQUIREMENTS. RADON MITIGATION SYSTEM IS DELEGATED DESIGN, BY GC. ALL RADON PIPING ABOVE BASEMENT IS TO BE CONCEALED BEHIND FINISHES. PROVIDE ELECTRICAL POWER TO THE ATTIC OR ROOF AS REQ'D FOR FUTURE FANS IN CASE TESTING DETERMINES THAT AN ACTIVE SYSTEM IS REQUIRED.
23. REPLACE DETERIORATED OR MISSING SUBFLOOR WHERE OCCURS. VIF SCOPE OF REPLACEMENT.
24. REPLACE DETERIORATED OR MISSING ROOF SHEATHING WHERE OCCURS. VIF SCOPE OF REPLACEMENT. NEW ROOF SHEATHING w/ IN 4' OF AN INTERIOR LOT LINE SHALL BE F.R.T. WOOD.
25. PATCH EXISTING CONCRETE SLABS FLUSH AS REQUIRED AT LOCATIONS OF UNDER-SLAB PLUMBING (NOT SHOWN ON DRAWINGS).
26. ALL OF THE EXISTING TO REMAIN CONSTRUCTION MUST BE REVIEWED IN THE FIELD, AND IN SOME CASES, SUB-STANDARD CONSTRUCTION MUST BE RECTIFIED, INCLUDING BUT NOT LIMITED TO DISCONTINUOUS RATED WALL ASSEMBLIES AND MISSING DRAFTSTOPPING.
27. WHERE THE DRAWINGS SHOW WORK ABUTTING OR ENCROACHING ONTO NEIGHBORING PROPERTIES, THE GC SHALL COORDINATE WITH NEIGHBORING PROPERTY OWNERS PRIOR TO PROCEEDING WITH WORK.
28. SEE 9.0 FOR TYPICAL COMMERCIAL SPACE RESTROOM ENLARGED PLANS AND ELEVATIONS.
29. EXPOSED CONDUIT INTERIOR AND EXTERIOR, EXPOSED DUCTWORK, AND EXPOSED SPRINKLER LINES SHOULD BE PAINTED TO MATCH THE SURFACE IT IS ON.

⟨X⟩ HISTORIC KEYNOTES

- REFER TO DOOR AND WINDOW TAGS ON NEW WORK PLANS AND TO DOOR AND WINDOW SCHEDULES ON SHEETS A0.4 AND A0.5 FOR DETAILED SCOPE OF WORK AT HISTORIC DOOR AND WINDOW OPENINGS.
- IF NOTE OCCURS AT CENTER OF ROOM, NOTE APPLIES TO ALL WALLS, U.N.O.

A. BRICK TO REMAIN EXPOSED WHERE NO PLASTER IS PRESENT. PROVIDE MASONRY CONSOLIDATOR. PRIME AND PAINT WHERE PREVIOUSLY PAINTED.

CEILINGS

B. REMOVE AND SALVAGE HISTORIC METAL STAMPED CEILING PANELS AND CROWN MOULDING FOR REINSTALLATION OVER FIRE-RATED CEILING. SEE NEW WORK PLANS FOR LOCATION OF REINSTALLED CEILING.
C. NOT USED
D. NOT USED

INTERIOR TRIM

E. EXISTING HISTORIC WOOD BASEBOARD TO REMAIN IN PLACE. REPAIR TO MATCH EXISTING WHERE DAMAGED OR DETERIORATED AND PAINT.
F. REMOVE AND SALVAGE EXISTING HISTORIC WOOD BASEBOARD FOR REINSTALLATION WHERE WALL IS TO BE FURRED OUT FOR THERMAL INSULATION OR WHERE PLASTER IS TO BE REMOVED TO IMPROVE FIRE RESISTANCE RATING (SEE WALL TYPES AND NEW WORK PLANS FOR ADDITIONAL INFORMATION). REINSTALL SALVAGED HISTORIC BASEBOARD OVER NEW GYPSUM BOARD. REPAIR, PRIME AND PAINT.
G. REMOVE EXISTING HISTORIC BASEBOARD REMNANTS.
H. HISTORIC WOOD BEADBOARD WAINSCOT AND CHAIR RAIL TO REMAIN - REPAIR AND PAINT. WHERE DETERIORATED OR MISSING PROVIDE NEW TO MATCH - PAINT.
I. REMOVE EXISTING HISTORIC WOOD BEADBOARD WAINSCOT AND CHAIR RAIL. SALVAGE FOR RELOCATION. INSTALL AT STAIRHALL WALLS NOW EXPOSED BY SHAFT WALL DEMOLITION - SEE NEW WORK PLANS. REPAIR, PRIME, PAINT.
J. REMOVE EXISTING HISTORIC CROWN MOULDING REMNANTS.
K. EXISTING HISTORIC MANTEL AND HEARTH (WHERE OCCURS) TO REMAIN IN PLACE. CLEAN AND REPAIR AS REQ'D. PROVIDE NEW PAINT AT MANTEL WHERE PREVIOUSLY PAINTED. PROVIDE NEW STAIN AT MANTEL WHERE PREVIOUSLY STAINED.

FLOORING

L. HISTORIC WOOD FLOORING TO REMAIN. PATCH ALL DAMAGED, DETERIORATED, OR MISSING BOARDS. REFINISH. SEE FINISH SCHEDULE ON A0.2 FOR ADDITIONAL INFO.
M. EXISTING HISTORIC MOSAIC TILE FLOORS TO REMAIN IN PLACE. REPAIR AS REQ'D. SEE FINISH SCHEDULE ON A0.2.
N. EXISTING WOOD FLOORING TO BE CONCEALED BY NEW FINISH FLOORING AS INDICATED ON FINISH SCHEDULE. SEE A0.2 FOR ADDITIONAL INFO.
O. REMOVE EXISTING HISTORIC METAL FLOOR GRATE AND SALVAGE FOR REINSTALLATION AT EXISTING LOCATION ABOVE NEW FLOOR INFILL. GRATE SHALL BE FLUSH WITH NEW FLOORING.
P. CONTEMPORARY VINYL FLOORING AND LUAN SUBSTRATE TO BE CAREFULLY REMOVED TO EXPOSE EXISTING HISTORIC WOOD FLOORING. PATCH ALL DAMAGED, DETERIORATED, OR MISSING BOARDS. REFINISH. SEE FINISH SCHEDULE ON A0.2 FOR ADDITIONAL INFO.

Q. EXISTING HISTORIC STAIR, NEWEL POSTS, NEWEL POST CAPS, BALUSTRADES, AND HANDRAILS (WHERE OCCURS) TO REMAIN. REPAIR OR REPLACE DAMAGED / DETERIORATED / MISSING STAIR COMPONENTS TO MATCH EXIST. PAINT.
R. EXISTING HISTORIC SKYLIGHT TO REMAIN. REPAIR AND REGLAZE AS REQUIRED. SEE STRUCTURAL DWGS. HISTORIC WOOD BEADBOARD SURROUND TO REMAIN. REPAIR AS REQ'D - PAINT.
S. HISTORIC WOOD BEADBOARD SURROUND AT ABANDONED, INFILLED, SKYLIGHT TO REMAIN. REMOVE, SALVAGE, AND REINSTALL OR REPLICATE HISTORIC BEADBOARD SURROUND AS REQ'D TO FIRE-RATE SURROUNDING BEAMS. PAINT.

WINDOWS*

- ***COMBINE LETTERS IN "WINDOW" CATEGORY WITH NUMBERS OF "WINDOW TRIM" CATEGORY**

T. REMOVE NON-HISTORIC WINDOW. HISTORIC WOOD WEIGHT BOX AND BRICK MOULD TO REMAIN. INSTALL NEW WINDOW WITHIN WEIGHT BOX. REPLACE DETERIORATED HISTORIC WOOD BRICK MOULD TO MATCH HISTORIC PROFILE IF REQUIRED. PAINT.
U. PROVIDE NEW CUSTOM WOOD WINDOW AND BRICKMOULD TO MATCH EXISTING ADJACENT HISTORIC WINDOW. INSTALLATION TO MATCH HISTORIC INSTALLATION - PAINT.
V. REMOVE NON-HISTORIC WINDOW OR INFILL (WHERE OCCURS) BACK TO HISTORIC ROUGH MASONRY OPENING, INCLUDING BLOCKING, WEIGHT BOXES, AND BRICK MOULD (WHERE PRESENT). INFILL PER NEW WORK PLANS. EXISTING EXTERIOR HEADER AND SILL TO REMAIN. REFER TO NEW WORK PLANS.
W. EXISTING HISTORIC WOOD WINDOW AND ALL ASSOCIATED WINDOW COMPONENTS TO REMAIN. REPAIR TO AN OPERABLE CONDITION - PAINT. INSTALL NEW EXTERIOR STORM WINDOW (WHERE APPLICABLE).

X. NOT USED

WINDOW TRIM

REFER TO NOTES BELOW FOR TREATMENT OF INTERIOR WINDOW TRIM:

1. EXISTING HISTORIC INTERIOR WOOD WINDOW TRIM TO REMAIN IN PLACE. REPAIR TO MATCH EXISTING WHERE DAMAGED OR DETERIORATED. PAINT.
2. REMOVE AND SALVAGE HISTORIC INTERIOR WOOD WINDOW TRIM FOR REINSTALLATION. REPAIR TO MATCH EXISTING WHERE DAMAGED OR DETERIORATED. PROVIDE WOOD JAMB AND SILL EXTENDERS WHERE REQUIRED AT NEWLY FURRED WALLS. PRIME AND PAINT.
3. PROVIDE NEW WOOD WINDOW TRIM TO MATCH ADJACENT HISTORIC WINDOW TRIM. PRIME / PAINT.
4. WHERE NO EXISTING INTERIOR WINDOW TRIM IS PRESENT AT HISTORIC WINDOW OPENING, PROVIDE NEW CONTEMPORARY WOOD WINDOW TRIM. PRIME AND PAINT. SEE TYPICAL TRIM ON SHEET A0.5.

INTERIOR DOORS

Y. EXISTING HISTORIC METAL DOOR AND FRAME TO REMAIN. REPAIR AND PAINT COMPONENTS PREVIOUSLY PAINTED.
Z. EXISTING HISTORIC SLIDING METAL DOOR AND TRACK. REMOVE AND REINSTALL IN FIXED OPEN POSITION. NEW FIRE RATED DOOR AND FRAME TO BE INSTALLED.
AA. EXISTING HISTORIC SLIDING METAL DOOR AND TRACK TO REMAIN. DOOR IS TO BE FIXED IN THE CLOSED POSITION. HISTORIC OPENING TO BE INFILLED.
AB. EXISTING HISTORIC METAL DOOR AND FRAME TO BE REMOVED. INSTALL NEW FIRE RATED DOOR AND FRAME IN EXISTING OPENING.
AC. EXISTING HISTORIC WOOD DOOR, FRAME, AND TRIM TO REMAIN. REPAIR AND PAINT.
AD. EXISTING HISTORIC WOOD DOOR AND FRAME TO REMAIN AND BE FIXED IN CLOSED POSITION. HISTORIC TRIM TO REMAIN ON EXPOSED SIDE ONLY. REFER TO NEW WORK PLANS. REPAIR, PRIME, AND PAINT.
AE. EXISTING HISTORIC WOOD DOOR OR CASED OPENING TRIM TO REMAIN. REPAIR, PRIME, AND PAINT.
AF. REMOVE HISTORIC DOOR AND FRAME. HISTORIC TRIM TO BE SALVAGED AND REINSTALLED IF WALL REMAINS AND APPLICABLE. REPAIR AND PAINT.
AG. HISTORIC WOOD DOOR TRIM TO REMAIN. SALVAGE AND REINSTALL AT NEW DOOR FRAME. REPAIR AND PAINT.
AH. REMOVE EXISTING DOOR. EXISTING FRAME AND TRIM TO REMAIN. REPAIR, PRIME, AND PAINT.
AI. NOT USED
AJ. NOT USED.
AK. REMOVE EXISTING DOOR. EXISTING HISTORIC WOOD FRAME AND TRANSOM TO REMAIN. REPAIR AND PAINT. PROVIDE NEW GLAZING OR PLYWOOD PANEL AT EXISTING TRANSOM AS INDICATED ON DOOR SCHEDULE. HISTORIC TRIM TO REMAIN AT STAIR SIDE ONLY. SALVAGE HISTORIC TRIM FROM UNIT SIDE FOR REINSTALLATION OVER NEW FIRE RATED FRAME, IF REQUIRED.

EXTERIOR

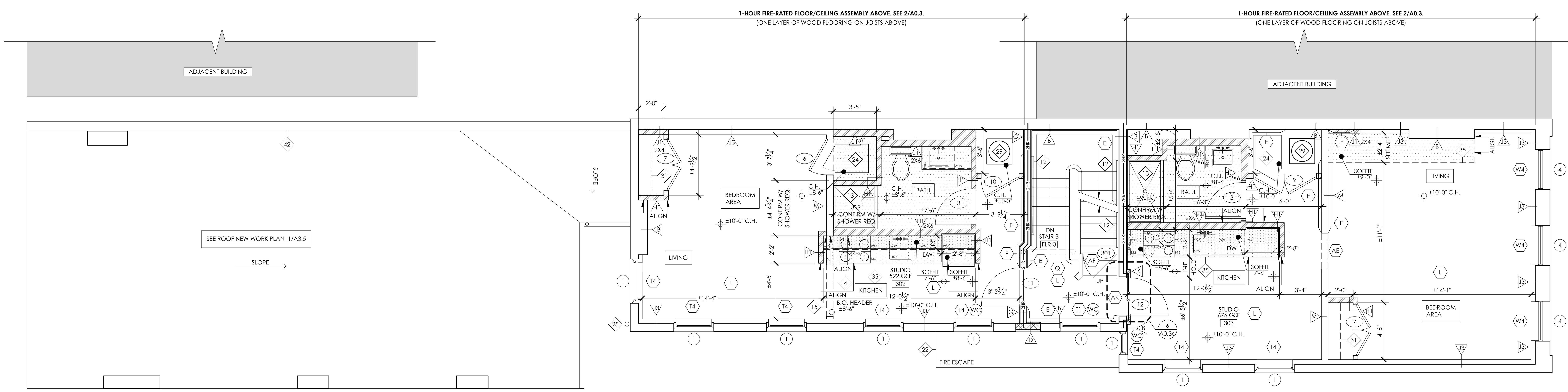
AL. HISTORIC STOREFRONT ELEMENTS TO REMAIN. ALL CAST IRON AND / OR STONE ELEMENTS ARE TO REMAIN IN PLACE AND BE STABILIZED. REMOVE ALL NON-HISTORIC STOREFRONT INFILL. PROVIDE TEMPORARY BRACING AND SHORING AS REQ'D. EXERCISE CAUTION SO AS NOT TO DAMAGE HISTORIC ELEMENTS. NOTIFY ARCHITECT/ENGINEER OF RECORD FOLLOWING REMOVAL FOR INSPECTION.
AM. EXISTING CAST IRON CURB TO REMAIN. REPAIR AS REQ'D.
AN. HISTORIC STONE AND METAL ROOF CORNICE/BANDING, BRACKETS, AND MOULDING TO REMAIN. REPAIR DETERIORATED ELEMENTS TO MATCH EXISTING. PAINT IF PREVIOUSLY PAINTED.
AO. EXISTING HISTORIC WOOD TRANSOM BAR AND WOOD BRICK MOULD TO REMAIN - REPAIR AND PAINT. EXISTING NON-HISTORIC ENTRY DOOR AND WOOD FRAMED TRANSOM INFILL TO BE REMOVED. PROVIDE NEW ALUMINUM CLAD WOOD DOOR, SIDE PANEL, AND TRANSOM WINDOW.
AP. HISTORIC WOOD SHUTTERS TO BE REMOVED AND SALVAGED FOR REINSTALLATION IN THE FIXED POSITION. REPAIR AND PAINT. REMOVE EXISTING INTERIOR FRAMING AT OPENING AND PREP FOR NEW INFILL PER NEW WORK PLANS. INTERIOR TRIM TO BE REMOVED AND SALVAGED FOR REINSTALLATION. REPAIR AND PAINT.
AQ. HISTORIC BOX GUTTER TO REMAIN. REPAIR ALL DETERIORATED ELEMENTS. PAINT. PROVIDE NEW ROOF MEMBRANE LINER AND SLOPE TO DRAIN TO NEW OR EXISTING DOWNSPOUT LOCATION.
AR. HISTORIC WOOD BRICK MOULD TO REMAIN - REMOVE EXIST. INFILL. PROVIDE NEW ALUMINUM CLAD WOOD DOORS AND TRANSOM WINDOW.
AS. HISTORIC WOOD TRANSOM, BRICK MOULD, AND INTERIOR WOOD TRIM TO REMAIN - REPAIR AND PAINT. INSTALL NEW ALUMINUM CLAD WOOD DOOR.

⟨#⟩ NEW WORK PLAN KEYNOTES

1. EXISTING CONCRETE SLAB TO REMAIN. VIF AREAS OF SEVERE DAMAGE, AND REPAIR TO MATCH EXISTING. PATCH AS REQUIRED FOLLOWING INSTALLATION OF NEW UNDER-SLAB PLUMBING (NOT SHOWN) - SEE PLUMBING DWGS.
2. INTERIOR CONCRETE SLAB ON GRADE. PROVIDE VAPOR RETARDER. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFO.
3. EXISTING STEEL OR CAST IRON COLUMN TO REMAIN. CLEAN AND PRIME. 2-HR FIRE-RATED. PROVIDE INTUMESCENT COATING, SEE DETAIL 1/A0.3.a. SEE STRUCTURAL DWGS.
4. LINE OF EXISTING STRUCTURE ABOVE TO REMAIN (BEAM, HEADER, ROOF OVERHANG, ETC.) / CENTERLINE OF EXISTING BEAM ABOVE.
5. LINE OF EXISTING BRICK/STONE ARCHES ABOVE TO REMAIN. NEW CONCRETE PAVING OCCURS ABOVE - COORDINATE WITH CIVIL AND STRUCTURAL DRAWINGS
6. EXISTING STEEL OR CAST IRON COLUMN TO REMAIN. CLEAN, PAINT.
7. REPLACE EXISTING CONCRETE SIDEWALK. SIDEWALK AND BACKFILL BELOW (WHERE OCCURS) SHALL BE IN ACCORDANCE W/ DOTE STANDARDS. SEE STRUCTURAL AND CIVIL DWGS.

7A. PROVIDE NEW EXTERIOR CONCRETE SLAB ON GRADE. SLOPE ¼" PER FOOT AWAY FROM BUILDINGS. SEE STRUCTURAL DRAWINGS. SEE CIVIL DRAWINGS FOR NEW GRADING, SLOPED CONCRETE WALKS, ETC, AND EXTENT OF CONCRETE CURB REPLACEMENT. SLOPED CONCRETE WALKS SHALL NOT EXCEED 1:20 SLOPE. EXISTING GRANITE CURBS TO REMAIN AND TO BE RAISED WHERE INDICATED ON CIVIL DRAWINGS.

8. STEEL GUARDRAIL (INSIDE DWELLING UNIT) @ 36" AFF, (AT OPEN-SIDED BASEMENT STAIR) @ 42". 1 ½" SQUARE TUBE TOP AND BOTTOM RAILS, VERTICAL STEEL PICKETS @ 4" O.C. GUARD SHALL NOT ALLOW THE PASSAGE OF A 4" SPHERE. DELEGATED DESIGN - GUARDRAIL LOADING SHALL BE IN ACCORDANCE w/ DESIGN LOADS IN STRUCTURAL DRAWINGS. PROVIDE SHOP DRAWINGS.
9. INFILL EXISTING BASEMENT WINDOW WELL/ STAIRWELL / COAL CHUTE. PROVIDE CMU WALL INFILL, FLUID-APPLIED WATERPROOFING AND DRAINAGE/PROTECTION BOARD ON EXTERIOR SIDE OF CMU PRIOR TO INSTALLING FILL. INFILL WELL PER STRUCTURAL DRAWINGS. LOWER TOPS OF EXISTING WALLS AS REQUIRED FOR NEW EXTERIOR GRADES (VIF). WHERE INFILL OCCURS BENEATH R.O.W., INFILL AND PAVING SHALL BE IN ACCORDANCE w/ DOTE STANDARDS. SEE STRUCTURAL DWGS FOR INFILL AND REINFORCING. SEE CIVIL DRAWINGS FOR NEW EXTERIOR GRADING/PAVEMENT, WHERE OCCURS.
10. EXISTING WOOD FRAMED STAIRS AND LANDING TO REMAIN. REPAIR AS REQUIRED, PRIME, AND PAINT.
11. NEW P.T. WOOD BASEMENT STAIR TO REPLACE EXISTING DETERIORATED STAIR. 11" TREAD, 7" MAX RISER HEIGHT, EQUAL HEIGHT RISERS. 6'-8" MIN. HEAD HEIGHT. 36" MIN. STAIR WIDTH, WALL-TO-GUARD. PROVIDE 42" HIGH STEEL GUARDRAIL AT OPEN SIDE OF STAIR. GUARDRAIL IS DELEGATED DESIGN. PROVIDE SHOP DRAWINGS FOR STAIR AND RAILINGS.
12. STEEL HANDRAIL, 1 ½" DIAMETER, PAINTED, @ 36" AFF. WHERE EXISTING CONDITIONS ALLOW, EXTEND 12" HORIZONTALLY AT TOP OF STAIR AND EXTEND DIAGONALLY (1) TREAD DEPTH AT BOTTOM. RETURN HANDRAIL TO WALL AS SHOWN ON FLOOR PLAN (WHERE PLAN CONFIGURATION ALLOWS), OTHERWISE RETURN TO FLOOR. EXTERIOR HANDRAILS TO BE GALVANIZED. **AT RAMPS:** EXTEND HANDRAILS 12" HORIZONTALLY AT TOP AND BOTTOM OF RAMP; WHERE RAMP HANDRAIL IS NOT MOUNTED TO WALL, PROVIDE 1 ½" DIAMETER POSTS, EQUALLY SPACED AT 4' O.C. MAX SPACING. (INSIDE RESIDENTIAL DWELLING UNIT HANDRAIL EXTENSIONS AT TOP AND BOTTOM OF STAIR NOT REQUIRED; SEE PLAN FOR HANDRAIL CONFIGURATION.)
13. **BATHTUB / SHOWER / ROLL-IN SHOWER** BASE WITH TILE SURROUND. SEE PLUMBING DRAWINGS AND INTERIOR ELEVATIONS. PROVIDE GRAB BARS IN ROLL-IN SHOWERS IN ACCESSIBLE UNITS. AT FIRE-RATED WALLS AND EXTERIOR WALLS, GYPSUM BOARD MUST BE CONTINUOUS BEHIND BATH SURROUND. PRIOR TO FRAMING WALLS, VERIFY WALL FRAMING DIMENSIONS w/ BATH MFR, AND COORD. EXACT FRAMING DIMENSIONS IN FIELD. WHERE EXISTING FRAMING OCCURS, FRAMING DIMENSIONS VARY - VIF PRIOR TO ORDERING BATHTUB/SHOWER BASES.
14. STRUCTURAL CONCRETE SLAB ON GALVANIZED METAL DECK TO REPLACE EXIST. SLAB ON DECK. SEE STRUCT DWGS.
15. EXIST. FRAMED HEADER TO BE RAISED - ALIGN W/ ADJACENT SOFFIT FOR CONTINUOUS PLANE. SEE PLAN.
16. NEW WOOD STAIR INSIDE DWELLING UNIT. 10" TREAD, 7 ¾" MAX. RISER HEIGHT. PROVIDE EQUAL HT. RISERS IN EACH STAIR RUN. 6'-8" MIN. HEAD HEIGHT. 36" MIN. STAIR WIDTH, MEASURED WALL-TO-WALL OR WALL-TO-GUARD. PROVIDE PAINTED WD. RISER. TREAD TO MATCH WOOD FLOORING ABOVE. SEE STRUCTURAL DRAWINGS. PROVIDE SHOP DRAWINGS.
17. 2-HOUR FIRE-RATED CEILING MEMBRANE ABOVE. PROVIDE (4) LAYERS OF ⅝" TYPE X GYP. BD. AND FURRING PER DETAIL 5/A0.3.
18. NEW P.T. WOOD STAIR TO REPLACE EXISTING DETERIORATED WOOD STAIR. STAIR CONFIGURATION, TREAD DEPTH AND RISER HEIGHT TO MATCH EXISTING (AN EXISTING NON-COMPLYING CONDITION). PROVIDE 42" HIGH STEEL GUARDRAIL AT OPEN SIDES OF STAIR. GUARDRAIL IS DELEGATED DESIGN. PROVIDE SHOP DRAWINGS FOR STAIR AND RAILINGS. SEE STRUCT DWGS.
19. EXISTING STEEL / WOOD POST AND BEAM JOIST END REINFORCEMENT TO REMAIN, UNO. EVALUATE CONDITION, REPAIR AS REQUIRED. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFO.
20. WOOD RAMP, 1:12 MAXIMUM SLOPE, OVER-FRAMED ATOP NEW LOWERED FLOOR STRUCTURE. 36" MIN CLEAR WIDTH BETWEEN HANDRAILS. SEE STRUCTURAL DRAWINGS.
21. FLOOR STRUCTURE AT ENTRY TO BE LOWERED TO ACCOMMODATE NEW ACCESSIBLE ENTRANCE. COORDINATE NEW LOWERED FLOOR ELEVATION w/ EXTERIOR GRADE SO THAT INTERIOR FINISHED FLOOR ALIGNS w/ EXTERIOR GRADE AT EXTERIOR DOOR THRESHOLD. SEE DEMO PLANS, STRUCT DWGS, AND CIVIL DWGS.
22. EXISTING FIRE ESCAPE TO REMAIN. CLEAN, REPAIR, PAINT. REPAIRS TO FIRE ESCAPE AND CITY OF CINCINNATI F.E. INSPECTION UNDER SEPARATE PERMIT AND DELEGATED DESIGN - NOTED FOR REFERENCE ONLY.
23. USPS/ADA/ANSI-APPROVED MAILBOXES, SURFACE-MOUNTED OR RECESSED, SEE PLAN. SURFACE MOUNTED = 4B+ VERTICAL MAILBOXES, RECESSED = 4B+ HORIZONTAL. MAILBOXES FOR ACCESSIBLE UNITS AND COMMERCIAL SPACES SHALL BE REACHABLE w/ IN 48" AFF. COORDINATE QUANTITIES AND ARRANGEMENT IN FIELD WITH ARCHITECT AND OWNER.
24. NEW STACKED CLOTHES WASHER AND DRYER, SEE APPLIANCE SCHEDULE. PROVIDE PLUMBED WASHER PAN. REFER TO MEP DWGS FOR EXHAUST, PLUMBING, AND ELECTRICAL REQ'S.
25. PRE-FINISHED ALUMINUM DOWNSPOUT, COLOR TBD. PROVIDE NEW PVC BOOT AT GRADE, PAINT TO BLEND WITH EXISTING MASONRY WALL. SCOPE EXISTING STORM LINES TO ENSURE WORKING CONDITION, REPAIR AS REQ'D. SEE PLUMBING DWGS FOR ADDITIONAL INFO.
26. EXISTING CMU WALL INFILL AND PREVIOUSLY FILLED BASEMENT ENCROACHMENT BELOW SIDEWALK TO REMAIN. VERIFY IN FIELD DURING SIDEWALK REPLACEMENT THAT EXISTING BACKFILL CONFORMS TO DOTE REQUIREMENTS. CONTACT ARCHITECT IF EXISTING CONDITIONS ARE FOUND TO DEVIATE FROM ASSUMPTIONS.
27. EXISTING BAY WINDOW ABOVE. EVALUATE JOIST FRAMING, CLADDING AND TRIM AT UNDERSIDE, REPAIR AS REQUIRED. FILL JOIST CAVITY WITH BATT INSULATION, AND PROVIDE "SMART VAPOR BARRIER" AT UNDERSIDE OF JOISTS. REINSTALL SALVAGED CLADDING AND TRIM OR REPLACE IN KIND WITH NEW. IF STRUCTURE IS FOUND TO BE COMPROMISED, CONTACT ARCHITECT AND STRUCTURAL ENGINEER.
28. 20" X 30" LOCKABLE, SELF-CLOSING ACCESS PANEL TO CONCEALED SPACE. FIRE-RATED, WHERE OCCURS IN RATED WALL/CEILING. FIRE RATING IS TO MATCH FIRE-RATING OF RATED ASSEMBLY. GALVANIZED METAL TO PREVENT CORROSION IN BASEMENT. INSTALL PER MFR.'S REQUIREMENTS.
29. STACKED HVAC UNIT AND WATER HEATER. SEE MEP DRAWINGS. PROVIDE BLOCKING AS REQ'D.
30. SURFACE-MOUNTED INTERCOM WITH REMOTE DOOR RELEASE SYSTEM. DELEGATED DESIGN. COORDINATE INSTALLATION AND LOCATION OF IN FIELD WITH OWNER AND ARCHITECT. COORDINATE POWER REQ'S w/ ELECTRICIAN.
31. SHELF + CLOTHES HANGING ROD. IN NON-ACCESSIBLE UNITS, PROVIDE WOOD HANGING ROD @ 60" AFF, WITH PAINTED WOOD SHELF ABOVE. IN ACCESSIBLE UNITS, PROVIDE VINYL-COATED WIRE SHELF WITH HANGING ROD MOUNTED ON ADJUSTABLE HEIGHT STEEL BRACKETS @ 48" AFF. PROVIDE BLOCKING AS REQUIRED.
32. ROOF HATCH ABOVE. SEE ROOF PLAN AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
33. NEW WOOD POST AND BEAM JOIST SUPPORT. 2-HOUR FIRE-RATED WHERE OCCURS AT SUPPORTING CONSTRUCTION BENEATH 2-HR STAIR ENCLOSURE OR 2-HR FLOOR/CEILING ASSEMBLY ABOVE. SEE DETAILS 3 AND 4/A0.3.a. REFER TO STRUCTURAL DWGS.
34. ALIGN EXTERIOR AND INTERIOR FINISHED FLOOR ELEVATIONS AT DOOR THRESHOLD. COORDINATE EXACT ELEVATIONS IN FIELD, SEE CIVIL AND STRUCTURAL DRAWINGS. SLOPE EXTERIOR GRADE AWAY FROM DOOR THRESHOLD 1/4" PER FOOT TO SHED WATER.
35. LINE OF LOWERED GYPSUM BD. CEILING/ FACE OF SOFFIT ABOVE. TYPICAL DROP FOR MEP ROUTING IS 18" FROM HIGH CEILING, UNLESS NOTED OTHERWISE ON PLAN. ABOVE KITCHEN WALL CABINETS, PROVIDE 13" DEEP LOWERED CEILING TO TOP OF WALL CABINETS, U.N.O. SEE CEILING HEIGHTS ON PLAN FOR ADDITIONAL INFO.
36. (5) EQUALLY SPACED PAINTED WOOD SHELVES. 3/4" BIRCH PLYWOOD w/ 1x2 EDGE TRIM.
37. INFILL EXISTING OPENING IN FLOOR STRUCTURE WITH NEW FRAMING TO MATCH EXISTING. NEW FINISHED FLOOR AT AREA OF FLOOR INFILL TO BE FLUSH WITH ADJACENT FINISHED FLOOR. SEE STRUCTURAL DWGS.
38. ROUTE SANITARY PLUMBING FROM 2ND FLOOR HORIZONTALLY THROUGH FIRE-RATED FLOOR/CEILING ASSEMBLY WITHOUT ENTERING FIRE-RATED RATED STAIR ENCLOSURE. CONTACT ARCHITECT IF PROPOSED ROUTING IS NOT FEASIBLE. SEE PLUMBING DRAWINGS.
39. 1623 VINE UNITS 11&12 ONLY: KITCHEN WALL CABINET HEIGHT VARIES AT 7'-0" SOFFIT CONDITION AT SLOPED CEILING. REFER TO A8 SHEET SERIES FOR INTERIOR ELEVATIONS AND MODIFY WALL CABINET HEIGHT AS REQUIRED FOR DECREASED SOFFIT HEIGHT. MAINTAIN TYPICAL BACKSPLASH HEIGHT ABOVE COUNTER.
40. NEW CONCRETE STAIR AT EXTERIOR ENTRY. 11" TREADS, EQUAL HEIGHT RISER(S) (7" MAX). SEE STRUCTURAL DWGS. FOR ADDITIONAL INFO AND REINFORCING.
41. NEW CONCRETE STAIR AT BASEMENT. 11" TREADS, EQUAL HEIGHT RISER(S) (7" MAX). SEE STRUCTURAL DWGS. FOR ADDITIONAL INFO AND REINFORCING.
42. NEW STEEL COLUMN. SEE STRUCTURAL DRAWINGS.
43. SIDE-BY-SIDE WASHER/DRYER, SEE APPLIANCE SCHEDULE. IN ORDER TO MEET ACCESSIBILITY REQUIREMENTS, A 4" RISER/PEDESTAL FROM MANUFACTURER MAY BE REQUIRED. PROVIDE PLUMBED WASHER PAN. REFER TO MEP DWGS FOR EXHAUST, PLUMBING, AND ELECTRICAL REQ'S.
44. (2) EACH - COMMERCIAL FRONT-LOADING WASHERS AND DRYERS IN COMMUNAL LAUNDRY ROOM. SEE APPLIANCE SCHEDULE. SEE MEP DRAWINGS.
45. LOCATION OF INTERNAL ROOF DRAIN LEADER. EVALUATE CONDITION OF LEADER AND STORM CONNECTION, SCOPE EXISTING BELOW-GRADE STORM LINES, REPAIR/REPLACE AS REQUIRED. SEE PLUMBING DRAWINGS.
46. EXISTING STONE STEP(S) TO REMAIN.
47. (5) EQUALLY SPACED, VINYL-COATED WIRE SHELVES ON WALL-MOUNTED ADJUSTABLE STEEL BRACKETS. PROVIDE BLOCKING AS REQUIRED.
48. LOCATION OF WALL-MOUNTED DOOR OPERATOR BUTTON FOR SECURITY GATE @ 48" MAX AFF. DOOR OPERATOR IS TIED TO REMOTE ACCESS CONTROL SYSTEM. COORDINATE EXACT LOCATION IN FIELD w/ OWNER AND ARCHITECT. COORDINATE ELECTRICAL POWER AS REQUIRED.
49. 6' HIGH ALUMINUM PICKET FENCE WITH LOCKABLE GATE. COORDINATE EXACT LOCATION IN FIELD AND WITH ADJACENT PROPERTY OWNER TO AVOID OBSTRUCTING WINDOWS, INCLUDING WINDOWS OF THE ADJACENT BUILDING. SEE CIVIL DRAWINGS.
50. EXISTING CONCRETE RAMP AT ADJACENT BUILDING TO REMAIN - SHOWN FOR REFERENCE. PROTECT DURING CONSTRUCTION. GC SHALL COORDINATE WORK IN SHARED PASSAGEWAY WITH ADJACENT PROPERTY OWNER.
51. HVAC CHASE FROM BASEMENT TO 1ST FLOOR. SEE MEP DRAWINGS. SEE STRUCTURAL DWGS FOR OPNG.
52. MODIFY EXISTING FIRE ESCAPE LADDER AS REQUIRED TO ACCOMMODATE NEW SLAB ELEVATION. CLEAN AND PAINT. GC IS RESPONSIBLE FOR FIRE ESCAPE INSPECTION AND REPAIRS PER CITY OF CINCINNATI (SEPARATE PERMIT).
53. FUTURE HOOD EXHAUST AND MAKE-UP AIR FOR 1ST FLOOR COMMERCIAL SPACE, UNDER SEPARATE PERMIT - SHOWN FOR REFERENCE ONLY. SEE MEP AND STRUCTURAL DRAWINGS FOR ADDITIONAL REFERENCE INFORMATION.
54. SINK: IN "ANSI TYPE A" MOBILITY UNITS, PROVIDE ACCESSIBLE SINK BASE w/ REMOVABLE FRONT. MIN. 30" WIDE CLEAR OPEN SPACE AT SINKS WITH ANSI A117.1-COMPLIANT KNEE AND TOE CLEARANCE. FLOOR FINISH AND WALL FINISH TO EXTEND UNDER AND BEHIND CABINETRY. 34" MAX. COUNTER HEIGHT, TYP. SEE INTERIOR ELEVATIONS A8.0, AND PLUMBING DRAWINGS FOR ADDITIONAL REQ'S.
55. KITCHEN WORK SURFACE: IN "ANSI TYPE A" MOBILITY UNITS, PROVIDE COUNTERTOP WORK SURFACE IN KITCHEN w/ 30" WIDE CLEAR FLOOR SPACE. PROVIDE FINISHED END PANELS @ EXPOSED SIDES. 34" MAX. COUNTER HEIGHT, TYP. FLOOR FINISH AND WALL FINISH TO EXTEND UNDER & BEHIND CABINETRY. SEE INTERIOR ELEVATIONS ON SHEET A8.0.
56. LINE OF EXTERIOR MASONRY WALL ABOVE, SHOWN FOR REFERENCE. SUPPORTING CONSTRUCTION IS TO BE 2-HR RATED, AND INDIVIDUALLY ENCASED. STEEL BEAMS ASSUMED - SEE DETAIL 1/A0.3.a FOR RATING. CONTACT ARCHITECT IF EXISTING CONDITIONS VARY FROM THESE ASSUMPTIONS.
57. CONCRETE SLOPE WITHIN DOOR CLEARANCE AREA TO BE 1/4" PER FOOT TO DRAIN WATER. SEE CIVIL DRAWINGS FOR ADDITIONAL GRADING INFORMATION.
58. EXISTING INFILL w/ STUCCO FINISH TO REMAIN. EVALUATE CONDITION IN FIELD, AND REPAIR AS REQ'D TO MATCH EXISTING CONSTRUCTION. PAINT. AT INTERIOR, FUR OUT WALL WITHIN OPENING TO ALIGN WITH ADJACENT SURFACE. PAINT.
59. 2-HR FIRE-RATED STEEL BEAM ABOVE. PROVIDE SFRM PER DETAIL 3/A0.3.a.
60. USPS/ADA/ANSI APPROVED RESIDENTIAL STYLE EXTERIOR GRADE SURFACE-MOUNTED LOCKABLE MAILBOX. MOUNT SO KEY IS 48" MAX ABOVE GRADE. COORDINATE QUANTITIES AND ARRANGEMENT IN FIELD WITH ARCHITECT AND OWNER.
61. EXISTING MASONRY SITE PARTY WALL TO REMAIN. PROVIDE NEW ALUMINUM COPING. SEE SPECIFICATIONS.
62. NEW FLOOR DRAIN. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION AND FOR ADDITIONAL FLOOR DRAIN LOCATIONS NOT ILLUSTRATED ON THESE PLANS.
63. NEW OR EXISTING CURB. SEE EXTERIOR ELEVATIONS AND STRUCTURAL DWGS.
64. EXISTING 1-HR FIRE-RATED WALL (UL 340) TO REMAIN. CONTRACTOR TO VERIFY THAT EXISTING FINDINGS IN THE FIELD AND NECESSARY REPAIRS / MODIFICATIONS (WHERE REQUIRED) ALIGN WITH THE UL LISTING.
65. EXISTING 1-HR FIRE-RATED WALL (GA FILE NO. WP 1072) TO REMAIN. CONTRACTOR TO VERIFY THAT EXISTING FINDINGS IN THE FIELD AND NECESSARY REPAIRS (WHERE REQUIRED) ALIGN WITH THE UL LISTING AND THAT EXIST. WALL IS CONTINUOUS TO UNDERSIDE FLOOR SHEATHING ABOVE.
66. NEW HVAC UNIT SERVING COMMERCIAL SPACE ABOVE. REFER TO MEP DWGS.
67. NEW WATER HEATER. REFER TO MEP DWGS.
68. INFILL HISTORIC DOOR OPENING PER WALL TYPE SHOWN ON PLAN. PROVIDE PRIMED AND PAINTED DOOR TRIM (SALVAGED OR NEW TO MATCH ADJACENT STAIRHALL DOORS) AT STAIRHALL SIDE ONLY TO SHOW OUTLINE OF PREVIOUS DOOR LOCATION.
69. NEW CONCRETE FOOTING AT NEW STRUCTURE. FOOTING TO BE FLUSH WITH EXISTING FLOOR SLAB, TYP. COORDINATE EXACT LOCATION IN FIELD. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
70. WITHIN EXIST. SLOPED CEILING PORTION OF BUILDING, HOLD NEW SOFFITS / DROPPED CLGS AS HIGH AS POSSIBLE (7'-0" MIN. CLR. HEIGHT). DROPPED CEILINGS TO BE FLAT (NOT SLOPED). REFER TO MEP DWGS.
71. CENTERLINE OF NEW LINTEL / BEAM ABOVE. SEE STRUCTURAL DRAWINGS.
72. NEW WOOD POST AND BEAM (ABOVE). SEE STRUCTURAL DRAWINGS.
73. LOW WALL w/ PAINTED 1" THICK WOOD CAP TO CONCEAL PLUMBING. MATCH HEIGHT OF STOREFRONT WALL SILL. KEEP TO MINIMUM SIZE (COORD. IN FIELD).



1 / A3.3 THIRD FLOOR NEW WORK PLAN

1/4" = 1'-0"

N

0 2 4 8 16

NOT FOR CONSTRUCTION

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ISSUE LOG:

06.02.2023 ISSUE FOR PERMIT
⚠1 07.14.2023 PERMIT REVISION 1
09.21.2023 OHFA PRELIM. SUBMISSION

THIRD FLOOR NEW WORK PLAN

A3.3

PRELIMINARY: NOT FOR CONSTRUCTION

NEW WORK PLAN GRAPHIC KEY

- EXISTING MASONRY WALL
- EXISTING FRAMED WALL
- EXISTING STRUCTURE ABOVE TO REMAIN
- NEW FRAMED WALL
- NEW MASONRY WALL (CMU/BRICK)
- 1HR — 1-HR FIRE-RATED WALL
- 2HR — 2-HR FIRE-RATED WALL
- CENTERLINE OF EXISTING OR NEW BEAM / LINTEL ABOVE. SEE STRUCTURAL DRAWINGS
- HATCH INDICATES AREA OF NEW LOWERED GYP. BD. CEILING (ABOVE). DASHED LINE INDICATES FACE OF SOFFIT (ABOVE). TYPICAL DROP FOR MEP ROUTING IS 18" FROM HIGH CLG., U.N.O. SEE KEY NOTE #35 FOR ADDT'L INFO.
- HATCH INDICATES LOWERED SOFFIT ABOVE KITCHEN CABINETRY, ALIGN W/TOP OF CABINETRY, U.N.O. SEE KEY NOTE #35 FOR ADDT'L INFO.
- AREA OF NEW FLOOR OR ROOF INFILL
- AREA OF NEW CONCRETE SLAB. SEE STRUCTURAL / CIVIL DWGS.

NEW WORK PLAN GENERAL NOTES

1. DO NOT SCALE DRAWINGS. REFER TO DIMENSIONS AND NOTES.
2. DIMENSIONS ARE TO NEW FINISH FACE OR EXISTING FINISH, U.N.O. NEW MASONRY WALLS AND MASONRY OPENINGS ARE DIMENSIONED TO MASONRY.
   - EXISTING FRAMED WALLS AT 1629 VINE ST. ARE DIMENSIONED TO FACE OF STUD.
3. SEE A8.0, A8.1, & A8.2 FOR TYPICAL KITCHEN AND BATHROOM ENLARGED PLANS AND ELEVATIONS.
4. LOAD-BEARING WALLS, COLUMNS, BEAMS, AND STRUCTURAL ELEMENTS TO REMAIN, U.N.O.
5. PATCH AND REPAIR ALL SURFACES TO MATCH EXISTING ADJACENT CONSTRUCTION AT AREAS OF DEMOLITION AND NEW CONSTRUCTION.
6. CLEAN BRICK AND STONE MASONRY PER SPECIFICATIONS. PROVIDE TEST AREA FOR REVIEW.
7. REPLACE ALL MISSING, CRACKED, ERODED, OR SPALLED BRICKS WITH SALVAGED HISTORIC BRICKS OR NEW BRICKS TO MATCH HISTORIC BRICKS. EXERCISE CARE SO AS NOT TO DAMAGE ADJACENT HISTORIC BRICKS TO REMAIN. REPOINT ALL MISSING, DETERIORATED, OR SOFT MORTAR JOINTS IN ALL MASONRY. REFER TO EXTERIOR ELEVATIONS AND SPECIFICATIONS FOR ADDITIONAL REQ'S.
8. REPLACE CRACKED STONE LINTELS AND SILLS TO MATCH EXISTING.
9. UNPAINTED EXTERIOR MASONRY IS TO REMAIN UNPAINTED. PAINTED EXTERIOR MASONRY IS TO BE RE-PAINTED - COLOR TBD BY ARCHITECT.
10. NEW DOORS IN STUD WALLS LOCATED IN CORNERS ARE NOT DIMENSIONED ON PLANS. INSTALL NEW DOOR 4" FROM END WALL TO INSIDE OF FRAME, U.N.O.
11. NEW CLOSET DOORS ARE TO BE CENTERED ON CLOSET, U.N.O.
12. PROVIDE BLOCKING AS REQUIRED IN WALLS FOR NEW PARTITIONS, FIXTURES, SHELVING, CABINETS, BATHROOM ACCESSORIES, ETC.
13. ALL EXISTING OPENINGS WHERE NEW DOORS ARE TO BE LOCATED ARE TO BE FIELD VERIFIED. ALL OPENINGS MUST BE ASSUMED TO BE UNIQUE.
14. AT NEW AND MODIFIED MASONRY OPENINGS, WHERE MASONRY IS EXPOSED, TOOTH-OUT AND KEY-IN MATCHING BRICK. PROVIDE SALVAGED/NEW BRICK TO MATCH EXISTING.
15. PROVIDE P.T. WOOD SILL PLATE AT WOOD STUD WALLS IN CONTACT CONC. OR MASONRY.
16. SEE MEP DRAWINGS FOR LOCATIONS OF ROOF PENETRATIONS. PROVIDE PENETRATION FLASHING PER ROOFING MFR'S REQUIREMENTS AND RECOMMENDATIONS.
17. CEILING HEIGHTS INDICATED ON PLANS ARE FROM FINISH FLOOR TO FINISH CEILING. COORDINATE WITH MEP ROUTING. CONTACT ARCHITECT FOR DISCREPANCIES.
18. PROVIDE FIREBLOCKING IN ALL NEW ASSEMBLIES PER SECTION 718.2 OBC.
19. THROUGH PENETRATIONS OF FLOOR / CEILING ASSEMBLIES AND WALL ASSEMBLIES INDICATED TO BE FIRE RATED SHALL BE PROTECTED PER PER SECTIONS 714.3.1 & 714.4.1 OBC.
20. SEE STRUCT. DWGS. FOR TYPICAL JOIST REPAIR AND REINFORCING DETAILS FOR DAMAGED JOISTS DISCOVERED IN THE FIELD AND FOR MODIFICATIONS TO EXISTING JOISTS. VERIFY SCOPE IN FIELD.
21. DIMENSIONS @ TUBS & SHOWERS SHOWN FOR REFERENCE AND MUST BE COORDINATED w/ FIXTURE MFR. INSTALLATION INSTRUCTIONS AND WALL FINISH INSTALLATION.
22. PROVIDE RADON MITIGATION SYSTEM IN ACCORDANCE WITH OHFA AND ECG (GREEN STANDARD) REQUIREMENTS. RADON MITIGATION SYSTEM IS DELEGATED DESIGN, BY GC. ALL RADON PIPING ABOVE BASEMENT IS TO BE CONCEALED BEHIND FINISHES. PROVIDE ELECTRICAL POWER TO THE ATTIC OR ROOF AS REQ'D FOR FUTURE FANS IN CASE TESTING DETERMINES THAT AN ACTIVE SYSTEM IS REQUIRED.
23. REPLACE DETERIORATED OR MISSING SUBFLOOR WHERE OCCURS. VIF SCOPE OF REPLACEMENT.
24. REPLACE DETERIORATED OR MISSING ROOF SHEATHING WHERE OCCURS. VIF SCOPE OF REPLACEMENT. NEW ROOF SHEATHING w/ IN 4' OF AN INTERIOR LOT LINE SHALL BE F.R.T. WOOD.
25. PATCH EXISTING CONCRETE SLABS FLUSH AS REQUIRED AT LOCATIONS OF UNDER-SLAB PLUMBING (NOT SHOWN ON DRAWINGS).
26. ALL OF THE EXISTING TO REMAIN CONSTRUCTION MUST BE REVIEWED IN THE FIELD, AND IN SOME CASES, SUB-STANDARD CONSTRUCTION MUST BE RECTIFIED, INCLUDING BUT NOT LIMITED TO DISCONTINUOUS RATED WALL ASSEMBLIES AND MISSING DRAFTSTOPPING.
27. WHERE THE DRAWINGS SHOW WORK ABUTTING OR ENCROACHING ONTO NEIGHBORING PROPERTIES, THE GC SHALL COORDINATE WITH NEIGHBORING PROPERTY OWNERS PRIOR TO PROCEEDING WITH WORK.
28. SEE 9.0 FOR TYPICAL COMMERCIAL SPACE RESTROOM ENLARGED PLANS AND ELEVATIONS.
29. EXPOSED CONDUIT INTERIOR AND EXTERIOR, EXPOSED DUCTWORK, AND EXPOSED SPRINKLER LINES SHOULD BE PAINTED TO MATCH THE SURFACE IT IS ON.

(X) HISTORIC KEYNOTES

- REFER TO DOOR AND WINDOW TAGS ON NEW WORK PLANS AND TO DOOR AND WINDOW SCHEDULES ON SHEETS A0.4 AND A0.5 FOR DETAILED SCOPE OF WORK AT HISTORIC DOOR AND WINDOW OPENINGS.
- IF NOTE OCCURS AT CENTER OF ROOM, NOTE APPLIES TO ALL WALLS, U.N.O.

A. BRICK TO REMAIN EXPOSED WHERE NO PLASTER IS PRESENT. PROVIDE MASONRY CONSOLIDATOR. PRIME AND PAINT WHERE PREVIOUSLY PAINTED.

CEILINGS

B. REMOVE AND SALVAGE HISTORIC METAL STAMPED CEILING PANELS AND CROWN MOULDING FOR REINSTALLATION OVER FIRE-RATED CEILING. SEE NEW WORK PLANS FOR LOCATION OF REINSTALLED CEILING.
C. NOT USED
D. NOT USED

INTERIOR TRIM

E. EXISTING HISTORIC WOOD BASEBOARD TO REMAIN IN PLACE. REPAIR TO MATCH EXISTING WHERE DAMAGED OR DETERIORATED AND PAINT.
F. REMOVE AND SALVAGE EXISTING HISTORIC WOOD BASEBOARD FOR REINSTALLATION WHERE WALL IS TO BE FURRED OUT FOR THERMAL INSULATION OR WHERE PLASTER IS TO BE REMOVED TO IMPROVE FIRE RESISTANCE RATING (SEE WALL TYPES AND NEW WORK PLANS FOR ADDITIONAL INFORMATION). REINSTALL SALVAGED HISTORIC BASEBOARD OVER NEW GYPSUM BOARD. REPAIR, PRIME AND PAINT.
G. REMOVE EXISTING HISTORIC BASEBOARD REMNANTS.
H. HISTORIC WOOD BEADBOARD WAINSCOT AND CHAIR RAIL TO REMAIN - REPAIR AND PAINT. WHERE DETERIORATED OR MISSING PROVIDE NEW TO MATCH - PAINT.
I. REMOVE EXISTING HISTORIC WOOD BEADBOARD WAINSCOT AND CHAIR RAIL. SALVAGE FOR RELOCATION. INSTALL AT STAIRHALL WALLS NOW EXPOSED BY SHAFT WALL DEMOLITION - SEE NEW WORK PLANS. REPAIR, PRIME, PAINT.
J. REMOVE EXISTING HISTORIC CROWN MOULDING REMNANTS.
K. EXISTING HISTORIC MANTEL AND HEARTH (WHERE OCCURS) TO REMAIN IN PLACE. CLEAN AND REPAIR AS REQ'D. PROVIDE NEW PAINT AT MANTEL WHERE PREVIOUSLY PAINTED. PROVIDE NEW STAIN AT MANTEL WHERE PREVIOUSLY STAINED.

FLOORING

L. HISTORIC WOOD FLOORING TO REMAIN. PATCH ALL DAMAGED, DETERIORATED, OR MISSING BOARDS. REFINISH. SEE FINISH SCHEDULE ON A0.2 FOR ADDITIONAL INFO.
M. EXISTING HISTORIC MOSAIC TILE FLOORS TO REMAIN IN PLACE. REPAIR AS REQ'D. SEE FINISH SCHEDULE ON A0.2.
N. EXISTING WOOD FLOORING TO BE CONCEALED BY NEW FINISH FLOORING AS INDICATED ON FINISH SCHEDULE. SEE A0.2 FOR ADDITIONAL INFO.
O. REMOVE EXISTING HISTORIC METAL FLOOR GRATE AND SALVAGE FOR REINSTALLATION AT EXISTING LOCATION ABOVE NEW FLOOR INFILL. GRATE SHALL BE FLUSH WITH NEW FLOORING.
P. CONTEMPORARY VINYL FLOORING AND LUAN SUBSTRATE TO BE CAREFULLY REMOVED TO EXPOSE EXISTING HISTORIC WOOD FLOORING. PATCH ALL DAMAGED, DETERIORATED, OR MISSING BOARDS. REFINISH. SEE FINISH SCHEDULE ON A0.2 FOR ADDITIONAL INFO.

Q. EXISTING HISTORIC STAIR, NEWEL POSTS, NEWEL POST CAPS, BALUSTRADES, AND HANDRAILS (WHERE OCCURS) TO REMAIN. REPAIR OR REPLACE DAMAGED / DETERIORATED / MISSING STAIR COMPONENTS TO MATCH EXIST. PAINT.
R. EXISTING HISTORIC SKYLIGHT TO REMAIN. REPAIR AND REGLAZE AS REQUIRED. SEE STRUCTURAL DWGS. HISTORIC WOOD BEADBOARD SURROUND TO REMAIN. REPAIR AS REQ'D - PAINT.
S. HISTORIC WOOD BEADBOARD SURROUND AT ABANDONED, INFILLED, SKYLIGHT TO REMAIN. REMOVE, SALVAGE, AND REINSTALL OR REPLICATE HISTORIC BEADBOARD SURROUND AS REQ'D TO FIRE-RATE SURROUNDING BEAMS. PAINT.

WINDOWS*

- ***COMBINE LETTERS IN "WINDOW" CATEGORY WITH NUMBERS OF "WINDOW TRIM" CATEGORY**

T. REMOVE NON-HISTORIC WINDOW. HISTORIC WOOD WEIGHT BOX AND BRICK MOULD TO REMAIN. INSTALL NEW WINDOW WITHIN WEIGHT BOX. REPLACE DETERIORATED HISTORIC WOOD BRICK MOULD TO MATCH HISTORIC PROFILE IF REQUIRED. PAINT.
U. PROVIDE NEW CUSTOM WOOD WINDOW AND BRICKMOULD TO MATCH EXISTING ADJACENT HISTORIC WINDOW. INSTALLATION TO MATCH HISTORIC INSTALLATION - PAINT.
V. REMOVE NON-HISTORIC WINDOW OR INFILL (WHERE OCCURS) BACK TO HISTORIC ROUGH MASONRY OPENING, INCLUDING BLOCKING, WEIGHT BOXES, AND BRICK MOULD (WHERE PRESENT). INFILL PER NEW WORK PLANS. EXISTING EXTERIOR HEADER AND SILL TO REMAIN. REFER TO NEW WORK PLANS.
W. EXISTING HISTORIC WOOD WINDOW AND ALL ASSOCIATED WINDOW COMPONENTS TO REMAIN. REPAIR TO AN OPERABLE CONDITION - PAINT. INSTALL NEW EXTERIOR STORM WINDOW (WHERE APPLICABLE).

X. NOT USED

WINDOW TRIM

REFER TO NOTES BELOW FOR TREATMENT OF INTERIOR WINDOW TRIM:

1. EXISTING HISTORIC INTERIOR WOOD WINDOW TRIM TO REMAIN IN PLACE. REPAIR TO MATCH EXISTING WHERE DAMAGED OR DETERIORATED. PAINT.
2. REMOVE AND SALVAGE HISTORIC INTERIOR WOOD WINDOW TRIM FOR REINSTALLATION. REPAIR TO MATCH EXISTING WHERE DAMAGED OR DETERIORATED. PROVIDE WOOD JAMB AND SILL EXTENDERS WHERE REQUIRED AT NEWLY FURRED WALLS. PRIME AND PAINT.
3. PROVIDE NEW WOOD WINDOW TRIM TO MATCH ADJACENT HISTORIC WINDOW TRIM. PRIME / PAINT.
4. WHERE NO EXISTING INTERIOR WINDOW TRIM IS PRESENT AT HISTORIC WINDOW OPENING, PROVIDE NEW CONTEMPORARY WOOD WINDOW TRIM. PRIME AND PAINT. SEE TYPICAL TRIM ON SHEET A0.5.

INTERIOR DOORS

Y. EXISTING HISTORIC METAL DOOR AND FRAME TO REMAIN. REPAIR AND PAINT COMPONENTS PREVIOUSLY PAINTED.
Z. EXISTING HISTORIC SLIDING METAL DOOR AND TRACK. REMOVE AND REINSTALL IN FIXED OPEN POSITION. NEW FIRE RATED DOOR AND FRAME TO BE INSTALLED.
AA. EXISTING HISTORIC SLIDING METAL DOOR AND TRACK TO REMAIN. DOOR IS TO BE FIXED IN THE CLOSED POSITION. HISTORIC OPENING TO BE INFILLED.
AB. EXISTING HISTORIC METAL DOOR AND FRAME TO BE REMOVED. INSTALL NEW FIRE RATED DOOR AND FRAME IN EXISTING OPENING.
AC. EXISTING HISTORIC WOOD DOOR, FRAME, AND TRIM TO REMAIN. REPAIR AND PAINT.
AD. EXISTING HISTORIC WOOD DOOR AND FRAME TO REMAIN AND BE FIXED IN CLOSED POSITION. HISTORIC TRIM TO REMAIN ON EXPOSED SIDE ONLY. REFER TO NEW WORK PLANS. REPAIR, PRIME, AND PAINT.
AE. EXISTING HISTORIC WOOD DOOR OR CASED OPENING TRIM TO REMAIN. REPAIR, PRIME, AND PAINT.
AF. REMOVE HISTORIC DOOR AND FRAME. HISTORIC TRIM TO BE SALVAGED AND REINSTALLED IF WALL REMAINS AND APPLICABLE. REPAIR AND PAINT.
AG. HISTORIC WOOD DOOR TRIM TO REMAIN. SALVAGE AND REINSTALL AT NEW DOOR FRAME. REPAIR AND PAINT.
AH. REMOVE EXISTING DOOR. EXISTING FRAME AND TRIM TO REMAIN. REPAIR, PRIME, AND PAINT.
AI. NOT USED
AJ. NOT USED.
AK. REMOVE EXISTING DOOR. EXISTING HISTORIC WOOD FRAME AND TRANSOM TO REMAIN. REPAIR AND PAINT. PROVIDE NEW GLAZING OR PLYWOOD PANEL AT EXISTING TRANSOM AS INDICATED ON DOOR SCHEDULE. HISTORIC TRIM TO REMAIN AT STAIR SIDE ONLY. SALVAGE HISTORIC TRIM FROM UNIT SIDE FOR REINSTALLATION OVER NEW FIRE RATED FRAME, IF REQUIRED.

EXTERIOR

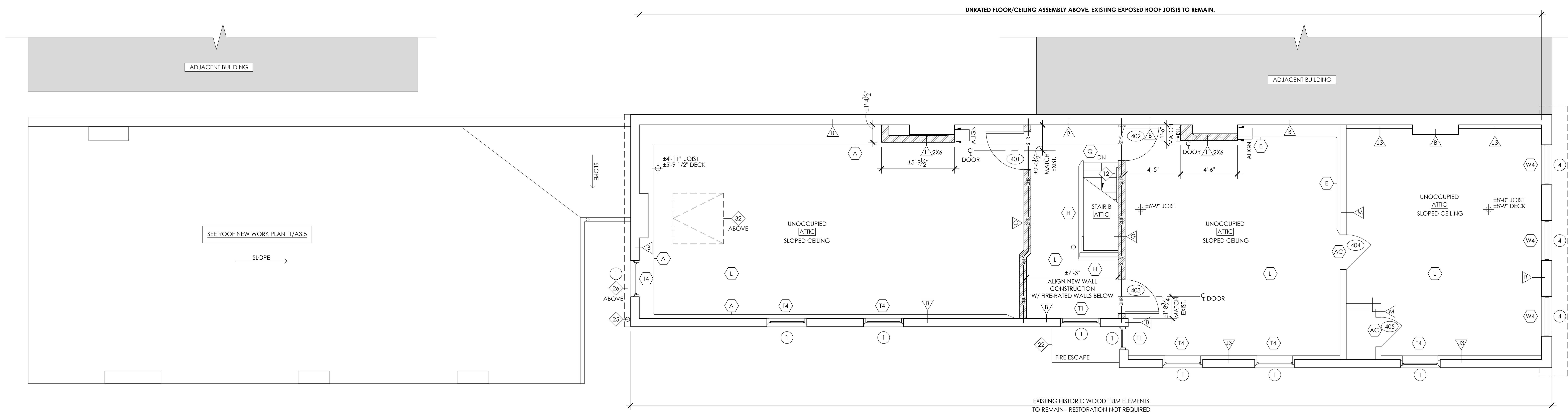
AL. HISTORIC STOREFRONT ELEMENTS TO REMAIN. ALL CAST IRON AND / OR STONE ELEMENTS ARE TO REMAIN IN PLACE AND BE STABILIZED. REMOVE ALL NON-HISTORIC STOREFRONT INFILL. PROVIDE TEMPORARY BRACING AND SHORING AS REQ'D. EXERCISE CAUTION SO AS NOT TO DAMAGE HISTORIC ELEMENTS. NOTIFY ARCHITECT/ENGINEER OF RECORD FOLLOWING REMOVAL FOR INSPECTION.
AM. EXISTING CAST IRON CURB TO REMAIN. REPAIR AS REQ'D.
AN. HISTORIC STONE AND METAL ROOF CORNICE/BANDING, BRACKETS, AND MOULDING TO REMAIN. REPAIR DETERIORATED ELEMENTS TO MATCH EXISTING. PAINT IF PREVIOUSLY PAINTED.
AO. EXISTING HISTORIC WOOD TRANSOM BAR AND WOOD BRICK MOULD TO REMAIN - REPAIR AND PAINT. EXISTING NON-HISTORIC ENTRY DOOR AND WOOD FRAMED TRANSOM INFILL TO BE REMOVED. PROVIDE NEW ALUMINUM CLAD WOOD DOOR, SIDE PANEL, AND TRANSOM WINDOW.
AP. HISTORIC WOOD SHUTTERS TO BE REMOVED AND SALVAGED FOR REINSTALLATION IN THE FIXED POSITION. REPAIR AND PAINT. REMOVE EXISTING INTERIOR FRAMING AT OPENING AND PREP FOR NEW INFILL PER NEW WORK PLANS. INTERIOR TRIM TO BE REMOVED AND SALVAGED FOR REINSTALLATION. REPAIR AND PAINT.
AQ. HISTORIC BOX GUTTER TO REMAIN. REPAIR ALL DETERIORATED ELEMENTS. PAINT. PROVIDE NEW ROOF MEMBRANE LINER AND SLOPE TO DRAIN TO NEW OR EXISTING DOWNSPOUT LOCATION.
AR. HISTORIC WOOD BRICK MOULD TO REMAIN - REMOVE EXIST. INFILL. PROVIDE NEW ALUMINUM CLAD WOOD DOORS AND TRANSOM WINDOW.
AS. HISTORIC WOOD TRANSOM, BRICK MOULD, AND INTERIOR WOOD TRIM TO REMAIN - REPAIR AND PAINT. INSTALL NEW ALUMINUM CLAD WOOD DOOR.

(#) NEW WORK PLAN KEYNOTES

1. EXISTING CONCRETE SLAB TO REMAIN. VIF AREAS OF SEVERE DAMAGE, AND REPAIR TO MATCH EXISTING. PATCH AS REQUIRED FOLLOWING INSTALLATION OF NEW UNDER-SLAB PLUMBING (NOT SHOWN) - SEE PLUMBING DWGS.
2. INTERIOR CONCRETE SLAB ON GRADE. PROVIDE VAPOR RETARDER. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFO.
3. EXISTING STEEL OR CAST IRON COLUMN TO REMAIN. CLEAN AND PRIME. 2-HR FIRE-RATED. PROVIDE INTUMESCENT COATING, SEE DETAIL 1/A0.3.a. SEE STRUCTURAL DWGS.
4. LINE OF EXISTING STRUCTURE ABOVE TO REMAIN (BEAM, HEADER, ROOF OVERHANG, ETC.) / CENTERLINE OF EXISTING BEAM ABOVE.
5. LINE OF EXISTING BRICK/STONE ARCHES ABOVE TO REMAIN. NEW CONCRETE PAVING OCCURS ABOVE - COORDINATE WITH CIVIL AND STRUCTURAL DRAWINGS
6. EXISTING STEEL OR CAST IRON COLUMN TO REMAIN. CLEAN, PAINT.
7. REPLACE EXISTING CONCRETE SIDEWALK. SIDEWALK AND BACKFILL BELOW (WHERE OCCURS) SHALL BE IN ACCORDANCE W/ DOTE STANDARDS. SEE STRUCTURAL AND CIVIL DWGS.

7A. PROVIDE NEW EXTERIOR CONCRETE SLAB ON GRADE. SLOPE ¼" PER FOOT AWAY FROM BUILDINGS. SEE STRUCTURAL DRAWINGS. SEE CIVIL DRAWINGS FOR NEW GRADING, SLOPED CONCRETE WALKS, ETC, AND EXTENT OF CONCRETE CURB REPLACEMENT. SLOPED CONCRETE WALKS SHALL NOT EXCEED 1:20 SLOPE. EXISTING GRANITE CURBS TO REMAIN AND TO BE RAISED WHERE INDICATED ON CIVIL DRAWINGS.

8. STEEL GUARDRAIL (INSIDE DWELLING UNIT) @ 36" AFF, (AT OPEN-SIDED BASEMENT STAIR) @ 42". 1 ½" SQUARE TUBE TOP AND BOTTOM RAILS, VERTICAL STEEL PICKETS @ 4" O.C. GUARD SHALL NOT ALLOW THE PASSAGE OF A 4" SPHERE. DELEGATED DESIGN - GUARDRAIL LOADING SHALL BE IN ACCORDANCE w/ DESIGN LOADS IN STRUCTURAL DRAWINGS. PROVIDE SHOP DRAWINGS.
9. INFILL EXISTING BASEMENT WINDOW WELL/ STAIRWELL / COAL CHUTE. PROVIDE CMU WALL INFILL, FLUID-APPLIED WATERPROOFING AND DRAINAGE/PROTECTION BOARD ON EXTERIOR SIDE OF CMU PRIOR TO INSTALLING FILL. INFILL WELL PER STRUCTURAL DRAWINGS. LOWER TOPS OF EXISTING WALLS AS REQUIRED FOR NEW EXTERIOR GRADES (VIF). WHERE INFILL OCCURS BENEATH R.O.W., INFILL AND PAVING SHALL BE IN ACCORDANCE w/ DOTE STANDARDS. SEE STRUCTURAL DWGS FOR INFILL AND REINFORCING. SEE CIVIL DRAWINGS FOR NEW EXTERIOR GRADING/PAVEMENT, WHERE OCCURS.
10. EXISTING WOOD FRAMED STAIRS AND LANDING TO REMAIN. REPAIR AS REQUIRED, PRIME, AND PAINT.
11. NEW P.T. WOOD BASEMENT STAIR TO REPLACE EXISTING DETERIORATED STAIR. 11" TREAD, 7" MAX RISER HEIGHT, EQUAL HEIGHT RISERS. 6'-8" MIN. HEAD HEIGHT. 36" MIN. STAIR WIDTH, WALL-TO-GUARD. PROVIDE 42" HIGH STEEL GUARDRAIL AT OPEN SIDE OF STAIR. GUARDRAIL IS DELEGATED DESIGN. PROVIDE SHOP DRAWINGS FOR STAIR AND RAILINGS.
12. STEEL HANDRAIL, 1 ½" DIAMETER, PAINTED, @ 36" AFF. WHERE EXISTING CONDITIONS ALLOW, EXTEND 12" HORIZONTALLY AT TOP OF STAIR AND EXTEND DIAGONALLY (1) TREAD DEPTH AT BOTTOM. RETURN HANDRAIL TO WALL AS SHOWN ON FLOOR PLAN (WHERE PLAN CONFIGURATION ALLOWS), OTHERWISE RETURN TO FLOOR. EXTERIOR HANDRAILS TO BE GALVANIZED. **AT RAMPS:** EXTEND HANDRAILS 12" HORIZONTALLY AT TOP AND BOTTOM OF RAMP; WHERE RAMP HANDRAIL IS NOT MOUNTED TO WALL, PROVIDE 1 ½" DIAMETER POSTS, EQUALLY SPACED AT 4' O.C. MAX SPACING. (INSIDE RESIDENTIAL DWELLING UNIT HANDRAIL EXTENSIONS AT TOP AND BOTTOM OF STAIR NOT REQUIRED; SEE PLAN FOR HANDRAIL CONFIGURATION.)
13. **BATHTUB / SHOWER / ROLL-IN SHOWER** BASE WITH TILE SURROUND. SEE PLUMBING DRAWINGS AND INTERIOR ELEVATIONS. PROVIDE GRAB BARS IN ROLL-IN SHOWERS IN ACCESSIBLE UNITS. AT FIRE-RATED WALLS AND EXTERIOR WALLS, GYPSUM BOARD MUST BE CONTINUOUS BEHIND BATH SURROUND. PRIOR TO FRAMING WALLS, VERIFY WALL FRAMING DIMENSIONS w/ BATH MFR, AND COORD. EXACT FRAMING DIMENSIONS IN FIELD. WHERE EXISTING FRAMING OCCURS, FRAMING DIMENSIONS VARY - VIF PRIOR TO ORDERING BATHTUB/SHOWER BASES.
14. STRUCTURAL CONCRETE SLAB ON GALVANIZED METAL DECK TO REPLACE EXIST. SLAB ON DECK. SEE STRUCT DWGS.
15. EXIST. FRAMED HEADER TO BE RAISED - ALIGN W/ ADJACENT SOFFIT FOR CONTINUOUS PLANE. SEE PLAN.
16. NEW WOOD STAIR INSIDE DWELLING UNIT. 10" TREAD, 7 ¾" MAX. RISER HEIGHT. PROVIDE EQUAL HT. RISERS IN EACH STAIR RUN. 6'-8" MIN. HEAD HEIGHT. 36" MIN. STAIR WIDTH, MEASURED WALL-TO-WALL OR WALL-TO-GUARD. PROVIDE PAINTED WD. RISER. TREAD TO MATCH WOOD FLOORING ABOVE. SEE STRUCTURAL DRAWINGS. PROVIDE SHOP DRAWINGS.
17. 2-HOUR FIRE-RATED CEILING MEMBRANE ABOVE. PROVIDE (4) LAYERS OF ⅝" TYPE X GYP. BD. AND FURRING PER DETAIL 5/A0.3.
18. NEW P.T. WOOD STAIR TO REPLACE EXISTING DETERIORATED WOOD STAIR. STAIR CONFIGURATION, TREAD DEPTH AND RISER HEIGHT TO MATCH EXISTING (AN EXISTING NON-COMPLYING CONDITION). PROVIDE 42" HIGH STEEL GUARDRAIL AT OPEN SIDES OF STAIR. GUARDRAIL IS DELEGATED DESIGN. PROVIDE SHOP DRAWINGS FOR STAIR AND RAILINGS. SEE STRUCT DWGS.
19. EXISTING STEEL / WOOD POST AND BEAM JOIST END REINFORCEMENT TO REMAIN, UNO. EVALUATE CONDITION, REPAIR AS REQUIRED. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFO.
20. WOOD RAMP, 1:12 MAXIMUM SLOPE, OVER-FRAMED ATOP NEW LOWERED FLOOR STRUCTURE. 36" MIN CLEAR WIDTH BETWEEN HANDRAILS. SEE STRUCTURAL DRAWINGS.
21. FLOOR STRUCTURE AT ENTRY TO BE LOWERED TO ACCOMMODATE NEW ACCESSIBLE ENTRANCE. COORDINATE NEW LOWERED FLOOR ELEVATION w/ EXTERIOR GRADE SO THAT INTERIOR FINISHED FLOOR ALIGNS w/ EXTERIOR GRADE AT EXTERIOR DOOR THRESHOLD. SEE DEMO PLANS, STRUCT DWGS, AND CIVIL DWGS.
22. EXISTING FIRE ESCAPE TO REMAIN. CLEAN, REPAIR, PAINT. REPAIRS TO FIRE ESCAPE AND CITY OF CINCINNATI F.E. INSPECTION UNDER SEPARATE PERMIT AND DELEGATED DESIGN - NOTED FOR REFERENCE ONLY.
23. USPS/ADA/ANSI-APPROVED MAILBOXES, SURFACE-MOUNTED OR RECESSED, SEE PLAN. SURFACE MOUNTED = 4B+ VERTICAL MAILBOXES, RECESSED = 4B+ HORIZONTAL. MAILBOXES FOR ACCESSIBLE UNITS AND COMMERCIAL SPACES SHALL BE REACHABLE w/ IN 48" AFF. COORDINATE QUANTITIES AND ARRANGEMENT IN FIELD WITH ARCHITECT AND OWNER.
24. NEW STACKED CLOTHES WASHER AND DRYER, SEE APPLIANCE SCHEDULE. PROVIDE PLUMBED WASHER PAN. REFER TO MEP DWGS FOR EXHAUST, PLUMBING, AND ELECTRICAL REQ'S.
25. PRE-FINISHED ALUMINUM DOWNSPOUT, COLOR TBD. PROVIDE NEW PVC BOOT AT GRADE, PAINT TO BLEND WITH EXISTING MASONRY WALL. SCOPE EXISTING STORM LINES TO ENSURE WORKING CONDITION, REPAIR AS REQ'D. SEE PLUMBING DWGS FOR ADDITIONAL INFO.
26. EXISTING CMU WALL INFILL AND PREVIOUSLY FILLED BASEMENT ENCROACHMENT BELOW SIDEWALK TO REMAIN. VERIFY IN FIELD DURING SIDEWALK REPLACEMENT THAT EXISTING BACKFILL CONFORMS TO DOTE REQUIREMENTS. CONTACT ARCHITECT IF EXISTING CONDITIONS ARE FOUND TO DEVIATE FROM ASSUMPTIONS.
27. EXISTING BAY WINDOW ABOVE. EVALUATE JOIST FRAMING, CLADDING AND TRIM AT UNDERSIDE, REPAIR AS REQUIRED. FILL JOIST CAVITY WITH BATT INSULATION, AND PROVIDE "SMART VAPOR BARRIER" AT UNDERSIDE OF JOISTS. REINSTALL SALVAGED CLADDING AND TRIM OR REPLACE IN KIND WITH NEW. IF STRUCTURE IS FOUND TO BE COMPROMISED, CONTACT ARCHITECT AND STRUCTURAL ENGINEER.
28. 20" X 30" LOCKABLE, SELF-CLOSING ACCESS PANEL TO CONCEALED SPACE. FIRE-RATED, WHERE OCCURS IN RATED WALL/CEILING. FIRE RATING IS TO MATCH FIRE-RATING OF RATED ASSEMBLY. GALVANIZED METAL TO PREVENT CORROSION IN BASEMENT. INSTALL PER MFR.'S REQUIREMENTS.
29. STACKED HVAC UNIT AND WATER HEATER. SEE MEP DRAWINGS. PROVIDE BLOCKING AS REQ'D.
30. SURFACE-MOUNTED INTERCOM WITH REMOTE DOOR RELEASE SYSTEM. DELEGATED DESIGN. COORDINATE INSTALLATION AND LOCATION OF IN FIELD WITH OWNER AND ARCHITECT. COORDINATE POWER REQ'S w/ ELECTRICIAN.
31. SHELF + CLOTHES HANGING ROD. IN NON-ACCESSIBLE UNITS, PROVIDE WOOD HANGING ROD @ 60" AFF, WITH PAINTED WOOD SHELF ABOVE. IN ACCESSIBLE UNITS, PROVIDE VINYL-COATED WIRE SHELF WITH HANGING ROD MOUNTED ON ADJUSTABLE HEIGHT STEEL BRACKETS @ 48" AFF. PROVIDE BLOCKING AS REQUIRED.
32. ROOF HATCH ABOVE. SEE ROOF PLAN AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
33. NEW WOOD POST AND BEAM JOIST SUPPORT. 2-HOUR FIRE-RATED WHERE OCCURS AT SUPPORTING CONSTRUCTION BENEATH 2-HR STAIR ENCLOSURE OR 2-HR FLOOR/CEILING ASSEMBLY ABOVE. SEE DETAILS 3 AND 4/A0.3.a. REFER TO STRUCTURAL DWGS.
34. ALIGN EXTERIOR AND INTERIOR FINISHED FLOOR ELEVATIONS AT DOOR THRESHOLD. COORDINATE EXACT ELEVATIONS IN FIELD, SEE CIVIL AND STRUCTURAL DRAWINGS. SLOPE EXTERIOR GRADE AWAY FROM DOOR THRESHOLD 1/4" PER FOOT TO SHED WATER.
35. LINE OF LOWERED GYPSUM BD. CEILING/ FACE OF SOFFIT ABOVE. TYPICAL DROP FOR MEP ROUTING IS 18" FROM HIGH CEILING, UNLESS NOTED OTHERWISE ON PLAN. ABOVE KITCHEN WALL CABINETS, PROVIDE 13" DEEP LOWERED CEILING TO TOP OF WALL CABINETS, U.N.O. SEE CEILING HEIGHTS ON PLAN FOR ADDITIONAL INFO.
36. (5) EQUALLY SPACED PAINTED WOOD SHELVES. 3/4" BIRCH PLYWOOD w/ 1x2 EDGE TRIM.
37. INFILL EXISTING OPENING IN FLOOR STRUCTURE WITH NEW FRAMING TO MATCH EXISTING. NEW FINISHED FLOOR AT AREA OF FLOOR INFILL TO BE FLUSH WITH ADJACENT FINISHED FLOOR. SEE STRUCTURAL DWGS.
38. ROUTE SANITARY PLUMBING FROM 2ND FLOOR HORIZONTALLY THROUGH FIRE-RATED FLOOR/CEILING ASSEMBLY WITHOUT ENTERING FIRE-RATED RATED STAIR ENCLOSURE. CONTACT ARCHITECT IF PROPOSED ROUTING IS NOT FEASIBLE. SEE PLUMBING DRAWINGS.
39. 1623 VINE UNITS 11&12 ONLY: KITCHEN WALL CABINET HEIGHT VARIES AT 7'-0" SOFFIT CONDITION AT SLOPED CEILING. REFER TO A8 SHEET SERIES FOR INTERIOR ELEVATIONS AND MODIFY WALL CABINET HEIGHT AS REQUIRED FOR DECREASED SOFFIT HEIGHT. MAINTAIN TYPICAL BACKSPLASH HEIGHT ABOVE COUNTER.
40. NEW CONCRETE STAIR AT EXTERIOR ENTRY. 11" TREADS, EQUAL HEIGHT RISER(S) (7" MAX). SEE STRUCTURAL DWGS. FOR ADDITIONAL INFO AND REINFORCING.
41. NEW CONCRETE STAIR AT BASEMENT. 11" TREADS, EQUAL HEIGHT RISER(S) (7" MAX). SEE STRUCTURAL DWGS. FOR ADDITIONAL INFO AND REINFORCING.
42. NEW STEEL COLUMN. SEE STRUCTURAL DRAWINGS.
43. SIDE-BY-SIDE WASHER/DRYER, SEE APPLIANCE SCHEDULE. IN ORDER TO MEET ACCESSIBILITY REQUIREMENTS, A 4" RISER/PEDESTAL FROM MANUFACTURER MAY BE REQUIRED. PROVIDE PLUMBED WASHER PAN. REFER TO MEP DWGS FOR EXHAUST, PLUMBING, AND ELECTRICAL REQ'S.
44. (2) EACH - COMMERCIAL FRONT-LOADING WASHERS AND DRYERS IN COMMUNAL LAUNDRY ROOM. SEE APPLIANCE SCHEDULE. SEE MEP DRAWINGS.
45. LOCATION OF INTERNAL ROOF DRAIN LEADER. EVALUATE CONDITION OF LEADER AND STORM CONNECTION, SCOPE EXISTING BELOW-GRADE STORM LINES, REPAIR/REPLACE AS REQUIRED. SEE PLUMBING DRAWINGS.
46. EXISTING STONE STEP(S) TO REMAIN.
47. (5) EQUALLY SPACED, VINYL-COATED WIRE SHELVES ON WALL-MOUNTED ADJUSTABLE STEEL BRACKETS. PROVIDE BLOCKING AS REQUIRED.
48. LOCATION OF WALL-MOUNTED DOOR OPERATOR BUTTON FOR SECURITY GATE @ 48" MAX AFF. DOOR OPERATOR IS TIED TO REMOTE ACCESS CONTROL SYSTEM. COORDINATE EXACT LOCATION IN FIELD w/ OWNER AND ARCHITECT. COORDINATE ELECTRICAL POWER AS REQUIRED.
49. 6' HIGH ALUMINUM PICKET FENCE WITH LOCKABLE GATE. COORDINATE EXACT LOCATION IN FIELD AND WITH ADJACENT PROPERTY OWNER TO AVOID OBSTRUCTING WINDOWS, INCLUDING WINDOWS OF THE ADJACENT BUILDING. SEE CIVIL DRAWINGS.
50. EXISTING CONCRETE RAMP AT ADJACENT BUILDING TO REMAIN - SHOWN FOR REFERENCE. PROTECT DURING CONSTRUCTION. GC SHALL COORDINATE WORK IN SHARED PASSAGEWAY WITH ADJACENT PROPERTY OWNER.
51. HVAC CHASE FROM BASEMENT TO 1ST FLOOR. SEE MEP DRAWINGS. SEE STRUCTURAL DWGS FOR OPNG.
52. MODIFY EXISTING FIRE ESCAPE LADDER AS REQUIRED TO ACCOMMODATE NEW SLAB ELEVATION. CLEAN AND PAINT. GC IS RESPONSIBLE FOR FIRE ESCAPE INSPECTION AND REPAIRS PER CITY OF CINCINNATI (SEPARATE PERMIT).
53. FUTURE HOOD EXHAUST AND MAKE-UP AIR FOR 1ST FLOOR COMMERCIAL SPACE, UNDER SEPARATE PERMIT - SHOWN FOR REFERENCE ONLY. SEE MEP AND STRUCTURAL DRAWINGS FOR ADDITIONAL REFERENCE INFORMATION.
54. SINK: IN "ANSI TYPE A" MOBILITY UNITS, PROVIDE ACCESSIBLE SINK BASE w/ REMOVABLE FRONT. MIN. 30" WIDE CLEAR OPEN SPACE AT SINKS WITH ANSI A117.1-COMPLIANT KNEE AND TOE CLEARANCE. FLOOR FINISH AND WALL FINISH TO EXTEND UNDER AND BEHIND CABINETRY. 34" MAX. COUNTER HEIGHT, TYP. SEE INTERIOR ELEVATIONS A8.0, AND PLUMBING DRAWINGS FOR ADDITIONAL REQ'S.
55. KITCHEN WORK SURFACE: IN "ANSI TYPE A" MOBILITY UNITS, PROVIDE COUNTERTOP WORK SURFACE IN KITCHEN w/ 30" WIDE CLEAR FLOOR SPACE. PROVIDE FINISHED END PANELS @ EXPOSED SIDES. 34" MAX. COUNTER HEIGHT, TYP. FLOOR FINISH AND WALL FINISH TO EXTEND UNDER & BEHIND CABINETRY. SEE INTERIOR ELEVATIONS ON SHEET A8.0.
56. LINE OF EXTERIOR MASONRY WALL ABOVE, SHOWN FOR REFERENCE. SUPPORTING CONSTRUCTION IS TO BE 2-HR RATED, AND INDIVIDUALLY ENCASED. STEEL BEAMS ASSUMED - SEE DETAIL 1/A0.3.a FOR RATING. CONTACT ARCHITECT IF EXISTING CONDITIONS VARY FROM THESE ASSUMPTIONS.
57. CONCRETE SLOPE WITHIN DOOR CLEARANCE AREA TO BE 1/4" PER FOOT TO DRAIN WATER. SEE CIVIL DRAWINGS FOR ADDITIONAL GRADING INFORMATION.
58. EXISTING INFILL w/ STUCCO FINISH TO REMAIN. EVALUATE CONDITION IN FIELD, AND REPAIR AS REQ'D TO MATCH EXISTING CONSTRUCTION. PAINT. AT INTERIOR, FUR OUT WALL WITHIN OPENING TO ALIGN WITH ADJACENT SURFACE. PAINT.
59. 2-HR FIRE-RATED STEEL BEAM ABOVE. PROVIDE SFRM PER DETAIL 3/A0.3.a.
60. USPS/ADA/ANSI APPROVED RESIDENTIAL STYLE EXTERIOR GRADE SURFACE-MOUNTED LOCKABLE MAILBOX. MOUNT SO KEY IS 48" MAX ABOVE GRADE. COORDINATE QUANTITIES AND ARRANGEMENT IN FIELD WITH ARCHITECT AND OWNER.
61. EXISTING MASONRY SITE PARTY WALL TO REMAIN. PROVIDE NEW ALUMINUM COPING. SEE SPECIFICATIONS.
62. NEW FLOOR DRAIN. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION AND FOR ADDITIONAL FLOOR DRAIN LOCATIONS NOT ILLUSTRATED ON THESE PLANS.
63. NEW OR EXISTING CURB. SEE EXTERIOR ELEVATIONS AND STRUCTURAL DWGS.
64. EXISTING 1-HR FIRE-RATED WALL (UL 340) TO REMAIN. CONTRACTOR TO VERIFY THAT EXISTING FINDINGS IN THE FIELD AND NECESSARY REPAIRS / MODIFICATIONS (WHERE REQUIRED) ALIGN WITH THE UL LISTING.
65. EXISTING 1-HR FIRE-RATED WALL (GA FILE NO. WP 1072) TO REMAIN. CONTRACTOR TO VERIFY THAT EXISTING FINDINGS IN THE FIELD AND NECESSARY REPAIRS (WHERE REQUIRED) ALIGN WITH THE UL LISTING AND THAT EXIST. WALL IS CONTINUOUS TO UNDERSIDE FLOOR SHEATHING ABOVE.
66. NEW HVAC UNIT SERVING COMMERCIAL SPACE ABOVE. REFER TO MEP DWGS.
67. NEW WATER HEATER. REFER TO MEP DWGS.
68. INFILL HISTORIC DOOR OPENING PER WALL TYPE SHOWN ON PLAN. PROVIDE PRIMED AND PAINTED DOOR TRIM (SALVAGED OR NEW TO MATCH ADJACENT STAIRHALL DOORS) AT STAIRHALL SIDE ONLY TO SHOW OUTLINE OF PREVIOUS DOOR LOCATION.
69. NEW CONCRETE FOOTING AT NEW STRUCTURE. FOOTING TO BE FLUSH WITH EXISTING FLOOR SLAB, TYP. COORDINATE EXACT LOCATION IN FIELD. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
70. WITHIN EXIST. SLOPED CEILING PORTION OF BUILDING, HOLD NEW SOFFITS / DROPPED CLGS AS HIGH AS POSSIBLE (7'-0" MIN. CLR. HEIGHT). DROPPED CEILINGS TO BE FLAT (NOT SLOPED). REFER TO MEP DWGS.
71. CENTERLINE OF NEW LINTEL / BEAM ABOVE. SEE STRUCTURAL DRAWINGS.
72. NEW WOOD POST AND BEAM (ABOVE). SEE STRUCTURAL DRAWINGS.
73. LOW WALL w/ PAINTED 1" THICK WOOD CAP TO CONCEAL PLUMBING. MATCH HEIGHT OF STOREFRONT WALL SILL. KEEP TO MINIMUM SIZE (COORD. IN FIELD).



1 / A3.4 ATTIC NEW WORK PLAN

1/4" = 1'-0"

N

0 2 4 8 16

NOT FOR CONSTRUCTION

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3CDC CINCINNATI CENTER CITY DEVELOPMENT CORPORATION

ISSUE LOG:

06.02.2023
ISSUE FOR PERMIT

1 07.14.2023
PERMIT REVISION 1

09.21.2023
OHFA PRELIM. SUBMISSION

ATTIC
NEW WORK PLAN

A3.4

PRELIMINARY:
NOT FOR CONSTRUCTION

NEW WORK PLAN GRAPHIC KEY

- EXISTING MASONRY WALL
- EXISTING FRAMED WALL
- EXISTING STRUCTURE ABOVE TO REMAIN
- NEW FRAMED WALL
- NEW MASONRY WALL (CMU/BRICK)
- 1HR — 1-HR FIRE-RATED WALL
- 2HR — 2-HR FIRE-RATED WALL
- CENTERLINE OF EXISTING OR NEW BEAM / LINTEL ABOVE. SEE STRUCTURAL DRAWINGS
- HATCH INDICATES AREA OF NEW LOWERED GYP. BD. CEILING (ABOVE). DASHED LINE INDICATES FACE OF SOFFIT (ABOVE). TYPICAL DROP FOR MEP ROUTING IS 18" FROM HIGH CLG., U.N.O. SEE KEY NOTE #35 FOR ADDT'L INFO.
- HATCH INDICATES LOWERED SOFFIT ABOVE KITCHEN CABINETRY, ALIGN W/TOP OF CABINETRY, U.N.O. SEE KEY NOTE #35 FOR ADDT'L INFO.
- AREA OF NEW FLOOR OR ROOF INFILL
- AREA OF NEW CONCRETE SLAB. SEE STRUCTURAL / CIVIL DWGS.

(X) HISTORIC KEYNOTES

- REFER TO DOOR AND WINDOW TAGS ON NEW WORK PLANS AND TO DOOR AND WINDOW SCHEDULES ON SHEETS A0.4 AND A0.5 FOR DETAILED SCOPE OF WORK AT HISTORIC DOOR AND WINDOW OPENINGS.
- IF NOTE OCCURS AT CENTER OF ROOM, NOTE APPLIES TO ALL WALLS, U.N.O.

A. BRICK TO REMAIN EXPOSED WHERE NO PLASTER IS PRESENT. PROVIDE MASONRY CONSOLIDATOR. PRIME AND PAINT WHERE PREVIOUSLY PAINTED.

CEILINGS

B. REMOVE AND SALVAGE HISTORIC METAL STAMPED CEILING PANELS AND CROWN MOULDING FOR REINSTALLATION OVER FIRE-RATED CEILING. SEE NEW WORK PLANS FOR LOCATION OF REINSTALLED CEILING.

C. NOT USED

D. NOT USED

INTERIOR TRIM

E. EXISTING HISTORIC WOOD BASEBOARD TO REMAIN IN PLACE. REPAIR TO MATCH EXISTING WHERE DAMAGED OR DETERIORATED AND PAINT.

F. REMOVE AND SALVAGE EXISTING HISTORIC WOOD BASEBOARD FOR REINSTALLATION WHERE WALL IS TO BE FURRED OUT FOR THERMAL INSULATION OR WHERE PLASTER IS TO BE REMOVED TO IMPROVE FIRE RESISTANCE RATING (SEE WALL TYPES AND NEW WORK PLANS FOR ADDITIONAL INFORMATION). REINSTALL SALVAGED HISTORIC BASEBOARD OVER NEW GYPSUM BOARD. REPAIR, PRIME AND PAINT.

G. REMOVE EXISTING HISTORIC BASEBOARD REMNANTS.

H. HISTORIC WOOD BEADBOARD WAINSCOT AND CHAIR RAIL TO REMAIN - REPAIR AND PAINT. WHERE DETERIORATED OR MISSING PROVIDE NEW TO MATCH - PAINT.

I. REMOVE EXISTING HISTORIC WOOD BEADBOARD WAINSCOT AND CHAIR RAIL. SALVAGE FOR RELOCATION. INSTALL AT STAIRHALL WALLS NOW EXPOSED BY SHAFT WALL DEMOLITION - SEE NEW WORK PLANS. REPAIR, PRIME, PAINT.

J. REMOVE EXISTING HISTORIC CROWN MOULDING REMNANTS.

K. EXISTING HISTORIC MANTEL AND HEARTH (WHERE OCCURS) TO REMAIN IN PLACE. CLEAN AND REPAIR AS REQ'D. PROVIDE NEW PAINT AT MANTEL WHERE PREVIOUSLY PAINTED. PROVIDE NEW STAIN AT MANTEL WHERE PREVIOUSLY STAINED.

FLOORING

L. HISTORIC WOOD FLOORING TO REMAIN. PATCH ALL DAMAGED, DETERIORATED, OR MISSING BOARDS. REFINISH. SEE FINISH SCHEDULE ON A0.2 FOR ADDITIONAL INFO.

M. EXISTING HISTORIC MOSAIC TILE FLOORS TO REMAIN IN PLACE. REPAIR AS REQ'D. SEE FINISH SCHEDULE ON A0.2.

N. EXISTING WOOD FLOORING TO BE CONCEALED BY NEW FINISH FLOORING AS INDICATED ON FINISH SCHEDULE. SEE A0.2 FOR ADDITIONAL INFO.

O. REMOVE EXISTING HISTORIC METAL FLOOR GRATE AND SALVAGE FOR REINSTALLATION AT EXISTING LOCATION ABOVE NEW FLOOR INFILL. GRATE SHALL BE FLUSH WITH NEW FLOORING.

P. CONTEMPORARY VINYL FLOORING AND LUAN SUBSTRATE TO BE CAREFULLY REMOVED TO EXPOSE EXISTING HISTORIC WOOD FLOORING. PATCH ALL DAMAGED, DETERIORATED, OR MISSING BOARDS. REFINISH. SEE FINISH SCHEDULE ON A0.2 FOR ADDITIONAL INFO.

Q. EXISTING HISTORIC STAIR, NEWEL POSTS, NEWEL POST CAPS, BALUSTRADES, AND HANDRAILS (WHERE OCCURS) TO REMAIN. REPAIR OR REPLACE DAMAGED / DETERIORATED / MISSING STAIR COMPONENTS TO MATCH EXIST. PAINT.

R. EXISTING HISTORIC SKYLIGHT TO REMAIN. REPAIR AND REGLAZE AS REQUIRED. SEE STRUCTURAL DWGS. HISTORIC WOOD BEADBOARD SURROUND TO REMAIN. REPAIR AS REQ'D - PAINT.

S. HISTORIC WOOD BEADBOARD SURROUND AT ABANDONED, INFILLED, SKYLIGHT TO REMAIN. REMOVE, SALVAGE, AND REINSTALL OR REPLICATE HISTORIC BEADBOARD SURROUND AS REQ'D TO FIRE-RATE SURROUNDING BEAMS. PAINT.

WINDOWS*

- ***COMBINE LETTERS IN "WINDOW" CATEGORY WITH NUMBERS OF "WINDOW TRIM" CATEGORY**

T. REMOVE NON-HISTORIC WINDOW. HISTORIC WOOD WEIGHT BOX AND BRICK MOULD TO REMAIN. INSTALL NEW WINDOW WITHIN WEIGHT BOX. REPLACE DETERIORATED HISTORIC WOOD BRICK MOULD TO MATCH HISTORIC PROFILE IF REQUIRED. PAINT.

U. PROVIDE NEW CUSTOM WOOD WINDOW AND BRICKMOULD TO MATCH EXISTING ADJACENT HISTORIC WINDOW. INSTALLATION TO MATCH HISTORIC INSTALLATION - PAINT.

V. REMOVE NON-HISTORIC WINDOW OR INFILL (WHERE OCCURS) BACK TO HISTORIC ROUGH MASONRY OPENING, INCLUDING BLOCKING, WEIGHT BOXES, AND BRICK MOULD (WHERE PRESENT). INFILL PER NEW WORK PLANS. EXISTING EXTERIOR HEADER AND SILL TO REMAIN. REFER TO NEW WORK PLANS.

W. EXISTING HISTORIC WOOD WINDOW AND ALL ASSOCIATED WINDOW COMPONENTS TO REMAIN. REPAIR TO AN OPERABLE CONDITION - PAINT. INSTALL NEW EXTERIOR STORM WINDOW (WHERE APPLICABLE).

X. NOT USED

WINDOW TRIM

REFER TO NOTES BELOW FOR TREATMENT OF INTERIOR WINDOW TRIM:

1. EXISTING HISTORIC INTERIOR WOOD WINDOW TRIM TO REMAIN IN PLACE. REPAIR TO MATCH EXISTING WHERE DAMAGED OR DETERIORATED. PAINT.
2. REMOVE AND SALVAGE HISTORIC INTERIOR WOOD WINDOW TRIM FOR REINSTALLATION. REPAIR TO MATCH EXISTING WHERE DAMAGED OR DETERIORATED. PROVIDE WOOD JAMB AND SILL EXTENDERS WHERE REQUIRED AT NEWLY FURRED WALLS. PRIME AND PAINT.
3. PROVIDE NEW WOOD WINDOW TRIM TO MATCH ADJACENT HISTORIC WINDOW TRIM. PRIME / PAINT.
4. WHERE NO EXISTING INTERIOR WINDOW TRIM IS PRESENT AT HISTORIC WINDOW OPENING, PROVIDE NEW CONTEMPORARY WOOD WINDOW TRIM. PRIME AND PAINT. SEE TYPICAL TRIM ON SHEET A0.5.

INTERIOR DOORS

Y. EXISTING HISTORIC METAL DOOR AND FRAME TO REMAIN. REPAIR AND PAINT COMPONENTS PREVIOUSLY PAINTED.

Z. EXISTING HISTORIC SLIDING METAL DOOR AND TRACK. REMOVE AND REINSTALL IN FIXED OPEN POSITION. NEW FIRE RATED DOOR AND FRAME TO BE INSTALLED.

AA. EXISTING HISTORIC SLIDING METAL DOOR AND TRACK TO REMAIN. DOOR IS TO BE FIXED IN THE CLOSED POSITION. HISTORIC OPENING TO BE INFILLED.

AB. EXISTING HISTORIC METAL DOOR AND FRAME TO BE REMOVED. INSTALL NEW FIRE RATED DOOR AND FRAME IN EXISTING OPENING.

AC. EXISTING HISTORIC WOOD DOOR, FRAME, AND TRIM TO REMAIN. REPAIR AND PAINT.

AD. EXISTING HISTORIC WOOD DOOR AND FRAME TO REMAIN AND BE FIXED IN CLOSED POSITION. HISTORIC TRIM TO REMAIN ON EXPOSED SIDE ONLY. REFER TO NEW WORK PLANS. REPAIR, PRIME, AND PAINT.

AE. EXISTING HISTORIC WOOD DOOR OR CASED OPENING TRIM TO REMAIN. REPAIR, PRIME, AND PAINT.

AF. REMOVE HISTORIC DOOR AND FRAME. HISTORIC TRIM TO BE SALVAGED AND REINSTALLED IF WALL REMAINS AND APPLICABLE. REPAIR AND PAINT.

AG. HISTORIC WOOD DOOR TRIM TO REMAIN. SALVAGE AND REINSTALL AT NEW DOOR FRAME. REPAIR AND PAINT.

AH. REMOVE EXISTING DOOR. EXISTING FRAME AND TRIM TO REMAIN. REPAIR, PRIME, AND PAINT.

AI. NOT USED

AJ. NOT USED.

AK. REMOVE EXISTING DOOR. EXISTING HISTORIC WOOD FRAME AND TRANSOM TO REMAIN. REPAIR AND PAINT. PROVIDE NEW GLAZING OR PLYWOOD PANEL AT EXISTING TRANSOM AS INDICATED ON DOOR SCHEDULE. HISTORIC TRIM TO REMAIN AT STAIR SIDE ONLY. SALVAGE HISTORIC TRIM FROM UNIT SIDE FOR REINSTALLATION OVER NEW FIRE RATED FRAME, IF REQUIRED.

EXTERIOR

AL. HISTORIC STOREFRONT ELEMENTS TO REMAIN. ALL CAST IRON AND / OR STONE ELEMENTS ARE TO REMAIN IN PLACE AND BE STABILIZED. REMOVE ALL NON-HISTORIC STOREFRONT INFILL. PROVIDE TEMPORARY BRACING AND SHORING AS REQ'D. EXERCISE CAUTION SO AS NOT TO DAMAGE HISTORIC ELEMENTS. NOTIFY ARCHITECT/ENGINEER OF RECORD FOLLOWING REMOVAL FOR INSPECTION.

AM. EXISTING CAST IRON CURB TO REMAIN. REPAIR AS REQ'D.

AN. HISTORIC STONE AND METAL ROOF CORNICE/BANDING, BRACKETS, AND MOULDING TO REMAIN. REPAIR DETERIORATED ELEMENTS TO MATCH EXISTING. PAINT IF PREVIOUSLY PAINTED.

AO. EXISTING HISTORIC WOOD TRANSOM BAR AND WOOD BRICK MOULD TO REMAIN - REPAIR AND PAINT. EXISTING NON-HISTORIC ENTRY DOOR AND WOOD FRAMED TRANSOM INFILL TO BE REMOVED. PROVIDE NEW ALUMINUM CLAD WOOD DOOR, SIDE PANEL, AND TRANSOM WINDOW.

AP. HISTORIC WOOD SHUTTERS TO BE REMOVED AND SALVAGED FOR REINSTALLATION IN THE FIXED POSITION. REPAIR AND PAINT. REMOVE EXISTING INTERIOR FRAMING AT OPENING AND PREP FOR NEW INFILL PER NEW WORK PLANS. INTERIOR TRIM TO BE REMOVED AND SALVAGED FOR REINSTALLATION. REPAIR AND PAINT.

AQ. HISTORIC BOX GUTTER TO REMAIN. REPAIR ALL DETERIORATED ELEMENTS. PAINT. PROVIDE NEW ROOF MEMBRANE LINER AND SLOPE TO DRAIN TO NEW OR EXISTING DOWNSPOUT LOCATION.

AR. HISTORIC WOOD BRICK MOULD TO REMAIN - REMOVE EXIST. INFILL. PROVIDE NEW ALUMINUM CLAD WOOD DOORS AND TRANSOM WINDOW.

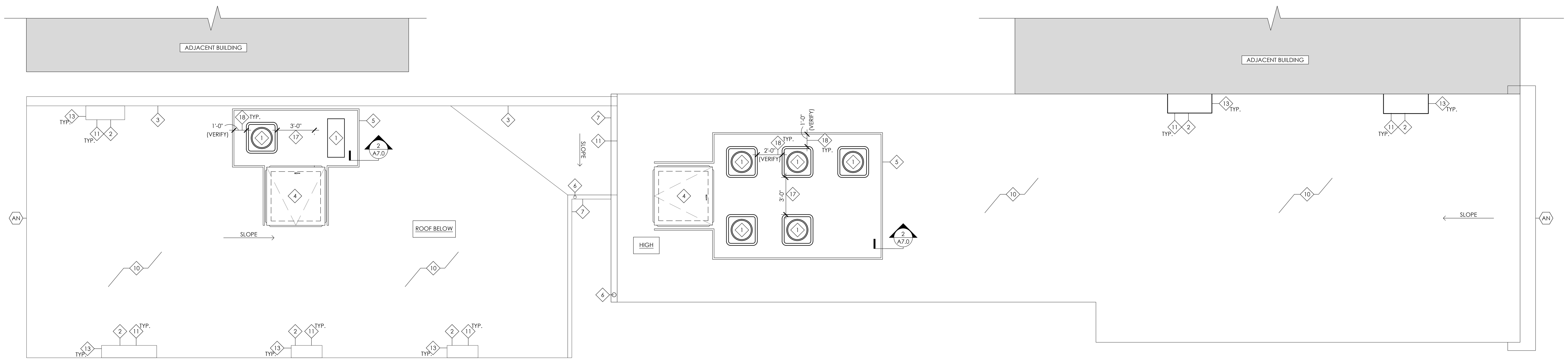
AS. HISTORIC WOOD TRANSOM, BRICK MOULD, AND INTERIOR WOOD TRIM TO REMAIN - REPAIR AND PAINT. INSTALL NEW ALUMINUM CLAD WOOD DOOR.

NEW WORK ROOF PLAN GENERAL NOTES

1. REFER TO "NEW WORK PLAN GENERAL NOTES" ON NEW WORK FLOOR PLAN SHEETS FOR ADDITIONAL CONSTRUCTION NOTES.
2. SEE MECHANICAL AND PLUMBING DRAWINGS FOR LOCATIONS OF ALL ROOF EXHAUST AND PLUMBING VENT(S). PROVIDE FLASHING AS REQUIRED PER ROOFING MANUFACTURER'S INSTRUCTIONS.
3. ALL ROOF DETAILS, INCLUDING BUT NOT LIMITED TO ROOF EDGE TERMINATIONS, SHALL BE IN ACCORDANCE WITH ROOFING MFR'S DETAILS, RECOMMENDATIONS, AND REQUIREMENTS.
4. ALL CHIMNEYS & ASSOCIATED ELEMENTS ARE TO REMAIN, U.N.O. PROVIDE BRICK REPAIRS AS REQUIRED AND CAP IF NOT ALREADY CAPPED.
5. PROVIDE SELF-ADHERING, POLYMER-MODIFIED BITUMEN SHEET (ICE AND WATER SHIELD) FOR FIRST 3'-0" MINIMUM OF ROOF AND AT ALL VALLEYS. OVERLAP WITH GUTTER FLASHING.
6. REPLACE DETERIORATED ROOF SHEATHING WHERE OCCURS (VIF PRIOR TO INSTALLING NEW ROOFING). IF DETERIORATED ROOF SHEATHING IS DISCOVERED AND MUST BE REPLACED WITHIN 4' OF AN INTERIOR LOT LINE, PROVIDE F.R.T. PLYWOOD SHEATHING.
7. **ROOF VENTS:** WHERE AN UNOCCUPIED ATTIC SPACE OCCURS BENEATH THE ROOF, PROVIDE VENTILATION AS FOLLOWS:
   - FREE AREA VENTED SHALL BE 1/150 OF FLOOR AREA VENTED AT LOW SLOPE ROOFS.
   - FREE AREA VENTED SHALL BE 1/300 OF FLOOR AREA VENTED AT PITCHED ROOFS AND MUST MEET THE FOLLOWING REQUIREMENTS:
     - AT LEAST 40 PERCENT AND NOT MORE THAN 50 PERCENT OF THE REQUIRED VENTING AREA SHALL BE PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC OR RAFTER SPACE.
     - UPPER VENTILATORS SHALL BE LOCATED NOT MORE THAN 3 FEET BELOW THE RIDGE OR HIGHEST POINT OF THE SPACE, MEASURED VERTICALLY,
     - THE BALANCE OF THE VENTILATION SHALL BE PROVIDED BY EAVE VENTS OR VENTS WITHIN 3 FEET OF THE EAVE.

⟨#⟩ NEW WORK ROOF PLAN KEYNOTES

1. LOCATION OF ROOFTOP MECHANICAL EQUIPMENT. SHOWN FOR REFERENCE - SEE MECH. DRAWINGS. PROVIDE SACRIFICIAL LAYER OF ROOF MEMBRANE BENEATH PEDESTALS. SEE STRUCT DWGS FOR ROOF STRUCTURE REINFORCEMENT, WHERE APPLICABLE.
2. EXISTING CHIMNEY TO BE CAPPED, IF NOT ALREADY CAPPED (VIF). PROVIDE PRE-FINISHED ALUMINUM CAP, SLOPED TO SHED WATER
3. EXISTING BRICK PARAPET WALL WITH HISTORIC TERRA COTTA COPING TO REMAIN. RESET IF REQUIRED. TERMINATE ROOF PER MFRS'S REQUIREMENTS.
4. THERMALLY BROKEN ROOF HATCH IN NEW OR EXISTING FRAMED OPENING. WHERE HATCHES OCCUR IN NEW FRAMED OPENINGS, SIZE =48" x 48". PROVIDE DEADBOLT CYLINDER LOCK. PROVIDE CRICKET TO DRAIN WATER AWAY FROM HATCH. FLASH AS REQUIRED, INSTALL PER MFR'S INSTRUCTIONS AND PER ROOF MFR'S REQ'S. SEE STRUCT DWGS.
5. 42" HIGH GALVANIZED STEEL GUARDRAIL w/ CROSS RAIL MID-HEIGHT TO PREVENT PASSAGE OF 21" DIA. SPHERE. PAINT TO MATCH SHINGLES. DELEGATED DESIGN - SEE STRUCT DWGS FOR DESIGN LOADS.
6. PRE-FINISHED ALUMINUM DOWNSPOUT, COLOR TBD. PROVIDE NEW CAST-IRON BOOT AT GRADE, PAINT TO BLEND WITH EXISTING MASONRY WALL. EXTEND BOOT 6' ABOVE GRADE. SCOPE EXISTING STORM LINES TO ENSURE WORKING CONDITION, REPAIR AS REQ'D. SEE PLUMBING DWGS FOR ADDITIONAL INFO.
7. PRE-FINISHED ALUMINUM HUNG GUTTER. COLOR TBD.
8. LOCATION OF FUTURE HVAC EQUIPMENT FOR 1ST FLOOR COMMERCIAL SPACE, SHOWN FOR REFERENCE ONLY, TO BE UNDER FUTURE, SEPARATE PERMIT APPLICATION.
9. EXISTING ROOF HATCH TO REMAIN IN EXISTING OPENING. EVALUATE CONDITION, REPAIR/REPLACE AS REQ'D. PROVIDE NEW FLASHING AND TIE-IN TO NEW ROOF AS REQUIRED.
10. NEW ROOFING: FULLY ADHERED WHITE TPO MEMBRANE. INSTALL PER MFR. DETAILS. INSPECT EXISTING ROOF SHEATHING AND REPLACE WHERE DETERIORATED.
11. TURN TPO ROOFING UP AT VERTICAL SURFACES AND TERMINATE PER ROOFING MFR. INSTRUCTIONS, TYPICAL. PROVIDE COUNTER FLASHING PER ROOFING MFR INSTRUCTIONS. AT SLOPED ROOF SURFACES, PROVIDE STEPPED COUNTER FLASHING PER SMACNA STANDARDS., TYP. EMBED COUNTER FLASHING 1" MIN. INTO BRICK JOINT.
12. PROVIDE FIELD FABRICATED EXPANSION JOINT AND ROOF TERMINATION IN ACCORDANCE WITH ROOFING MFR'S DETAILS AT INTERSECTION OF ROOF AND ADJACENT BUILDING WALL.
13. PROVIDE CRICKETS AS REQUIRED TO MAINTAIN ROOF DRAINAGE TOWARDS GUTTERS, TYPICAL.
14. INFILL EXISTING OPENING IN ROOF STRUCTURE WITH NEW FRAMING AND ROOF SHEATHING. SEE STRUCTURAL DRAWINGS.
15. EXISTING METHOD OF ROOF DRAINAGE ON THIS SECTION OF ROOF IS UNKNOWN, AND MUST BE DETERMINED IN THE FIELD. INVESTIGATE EXISTING CONDITIONS, AND CONTACT ARCHITECT AFTER DEMOLITION. THE ROOF MAY BE CONNECTED TO INTERNAL ROOF DRAINS, OR EXTERNAL DOWNSPOUTS. AFTER INVESTIGATION, PROVIDE NEW GUTTER, DOWNSPOUT, ROOF DRAIN, ETC. AS REQUIRED.
16. PROVIDE AN ALTERNATE PRICE TO REPLACE EXISTING SKYLIGHT WITH A NEW THERMALLY BROKEN ALUMINUM SKYLIGHT w/ INSULATED GLASS. SEE SPECIFICATIONS. SEE HISTORIC KEYNOTE ON SKYLIGHT FOR ADDITIONAL INFO.
17. 3' CLEAR WALKING PATH BETWEEN MECHANICAL UNITS.
18. COORDINATE MINIMUM CLEARANCES AROUND MECHANICAL UNITS IN ACCORDANCE WITH OMC AND MANUFACTURER'S REQUIREMENTS.



1 / A3.5 — ROOF NEW WORK PLAN

1/4" = 1'-0"

N

0 2 4 8 16

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06.02.2023 ISSUE FOR PERMIT
⚠1 07.14.2023 PERMIT REVISION 1
09.21.2023 OHFA PRELIM. SUBMISSION

ROOF
NEW WORK PLAN

A3.5

PRELIMINARY: NOT FOR CONSTRUCTION

DEMOLITION ELEVATION GRAPHIC KEY

— — — — — EXISTING CONSTRUCTION TO BE REMOVED

HATCH INDICATES EXISTING CONSTRUCTION TO BE REMOVED.

DEMOLITION ELEVATION HISTORIC NOTES

- REFER TO APPROVED HISTORIC PRESERVATION CERTIFICATION APPLICATION PART 2 AND SPECIFICATIONS FOR MASONRY AND STONE REPAIR AND CLEANING.
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- COORDINATE WITH MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR NEW PENETRATIONS (NEW PENETRATIONS FOR CONDUIT, DUCTS, PIPES, ETC. ARE NOT ILLUSTRATED ON THESE DRAWINGS).
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- REMOVE ALL ALGAE, MOSS, IVY AND ANY SIMILAR PLANT GROWTH FROM EXISTING EXTERIOR WALL SURFACES.
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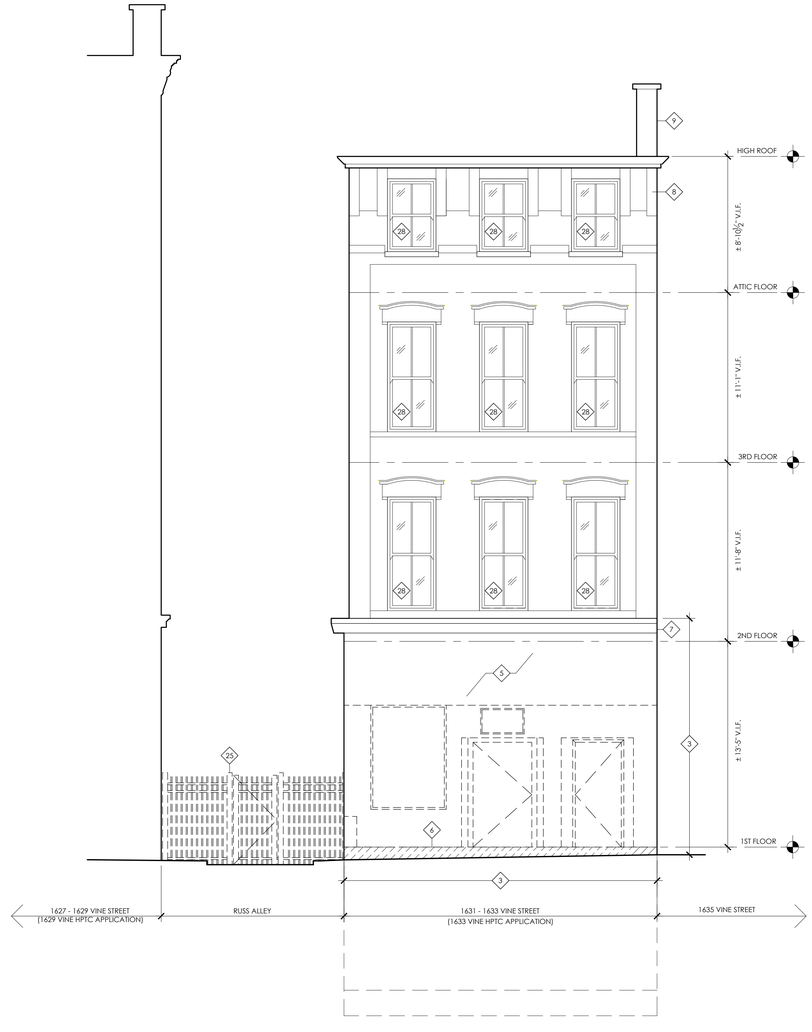

1 A5.0 DEMOLITION EAST EXTERIOR ELEVATION - VINE STREET

1/4" = 1'-0"

0 2 4 8 16

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DEMOLITION
EAST EXTERIOR ELEVATION

A5.0

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1 A5.1 DEMOLITION SOUTH EXTERIOR ELEVATION

1/4" = 1'-0"

0 2 4 8 16

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513-836-3810

RUSS ALLEY

1631- 1633 VINE STREET, 1630 REPUBLIC STREET
(1633 VINE STREET HPTC APPLICATION)
CINCINNATI, OH 45202

3CDC CINCINNATI CENTER CITY DEVELOPMENT CORPORATION

ISSUE LOG:

06.02.2023
ISSUE FOR PERMIT

⚠1 07.14.2023
PERMIT REVISION 1

09.21.2023
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DEMOLITION
SOUTH EXTERIOR ELEVATION

A5.1

PRELIMINARY:
NOT FOR CONSTRUCTION

DEMOLITION ELEVATION GRAPHIC KEY

EXISTING CONSTRUCTION TO BE REMOVED

HATCH INDICATES EXISTING CONSTRUCTION TO BE REMOVED.

DEMOLITION ELEVATION HISTORIC NOTES

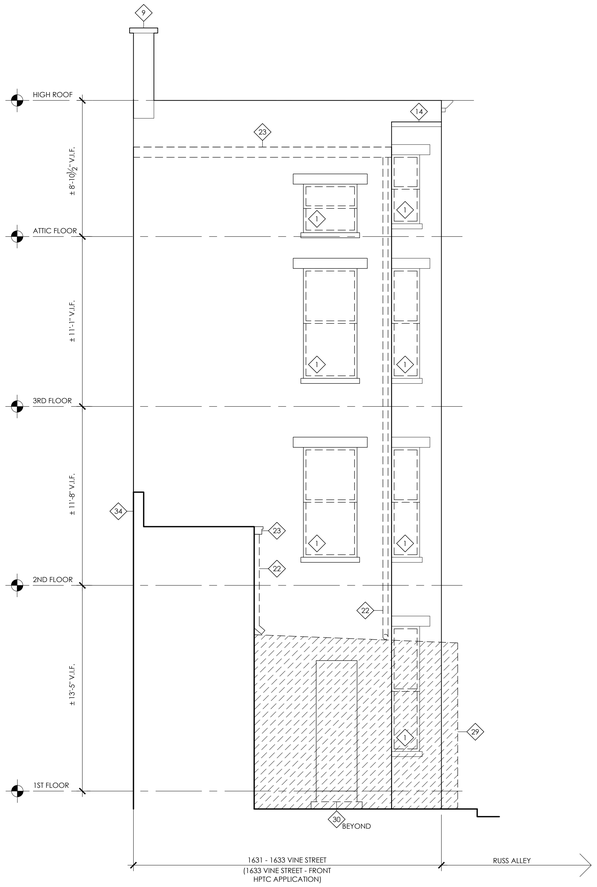
- REFER TO APPROVED HISTORIC PRESERVATION CERTIFICATION APPLICATION PART 2 AND SPECIFICATIONS FOR MASONRY AND STONE REPAIR AND CLEANING.
- EXISTING UNPAINTED BRICK AND STONE TO REMAIN UNPAINTED. EXISTING PAINTED BRICK AND STONE TO BE REPAINTED.
- HISTORIC WINDOW SHUTTER HARDWARE SHOULD REMAIN (EVEN IS SHUTTER WAS PREVIOUSLY REMOVED).

DEMOLITION ELEVATION GENERAL NOTES

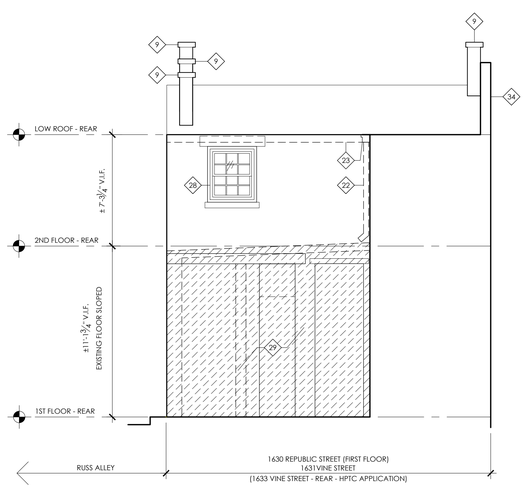
- ALL DASHED ELEMENTS TO BE REMOVED, U.N.O. CONSULT ARCH. FOR CLARIFICATION IF NOTATIONS AND GRAPHICS CONFLICT, OR IF INTENT IS UNCLEAR.
- ALL EXISTING STRUCTURAL ELEMENTS, INCLUDING THE HISTORIC MASONRY BEARING WALLS, ARE TO REMAIN, U.N.O. G.C. TO PROVIDE ANY TEMPORARY SHORING REQ'D.
- REMOVE ALL GRAFFITI PER SPECIFICATION.
- REMOVE ALL CRACKED, DETERIORATED OR SPALLED BRICK UNITS AND RAKE OUT ALL DETERIORATED MORTAR JOINTS IN PREPARATION FOR MASONRY RESTORATION. EXERCISE CARE AS NOT TO DAMAGE ADJACENT MASONRY TO REMAIN. VERIFY SECURE ATTACHMENT OF EXISTING STONE ELEMENTS. REFER TO NEW WORK ELEVATIONS AND STRUCTURAL DWGS.
- COORDINATE WITH MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR NEW PENETRATIONS (NEW PENETRATIONS FOR CONDUIT, DUCTS, PIPES, ETC. ARE NOT ILLUSTRATED ON THESE DRAWINGS).
- REMOVE ALL EXISTING ABANDONED CONDUIT, DOWNSPOUTS, DUCTS, PIPES, LIGHTING FIXTURES, MECHANICAL EQUIPMENT, LOUVERS, VENTS, AND ALL ASSOCIATED FASTENERS FROM EXTERIOR WALL SURFACES. COORDINATE WITH MEP DWGS.
- REMOVE ALL ALGAE, MOSS, IVY AND ANY SIMILAR PLANT GROWTH FROM EXISTING EXTERIOR WALL SURFACES.
- EXISTING FIRE ESCAPE TO REMAIN. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FIRE ESCAPE EXAMINATION INSPECTION AND REPAIRS PER CITY OF CINCINNATI. CLEAN AND PAINT.
- HISTORIC STONE LINTELS AND SILLS ARE TO REMAIN. REMOVE ALL CRACKED LINTELS IN PREPARATION FOR NEW CAST STONE LINTEL. REFER NEW WORK ELEVATIONS AND STRUCTURAL DRAWINGS. VERIFY THE CONDITION OF ALL WOOD LINTELS AND NOTIFY ARCHITECT/STRUCTURAL ENGINEER OF DETERIORATION.
- ALL CHIMNEYS & ASSOCIATED ELEMENTS ARE TO REMAIN, U.N.O. VERIFY STRUCTURAL INTEGRITY IN FIELD - SEE NOTES ON STRUCTURAL DWGS.
- ALL HISTORIC CAST IRON, STONE, AND WOOD STOREFRONT ELEMENTS TO REMAIN.
- ALL HISTORIC ROOF CORNICE ELEMENTS TO REMAIN.
- ALL HISTORIC STONE BANDING TO REMAIN.
- REMOVE ALL TEMPORARY BARRICADES FROM DOORS, STOREFRONTS, AND WINDOWS. REMOVE ALL STEEL SECURITY GRILLES OR BARS. NOTE - HISTORIC WINDOW SHUTTER HARDWARE SHOULD REMAIN.
- COORDINATE ANY NEW MASONRY OPENINGS WITH NEW WORK PLANS. SALVAGE BRICKS FROM NEW OPENINGS FOR REPAIR / REUSE. TOOTH OUT BRICK AT JAMBS AND USE SALVAGED BRICK FOR KEYING IN AT JAMBS. REFER TO STRUCTURAL DWGS.

DEMOLITION ELEVATION KEYNOTES

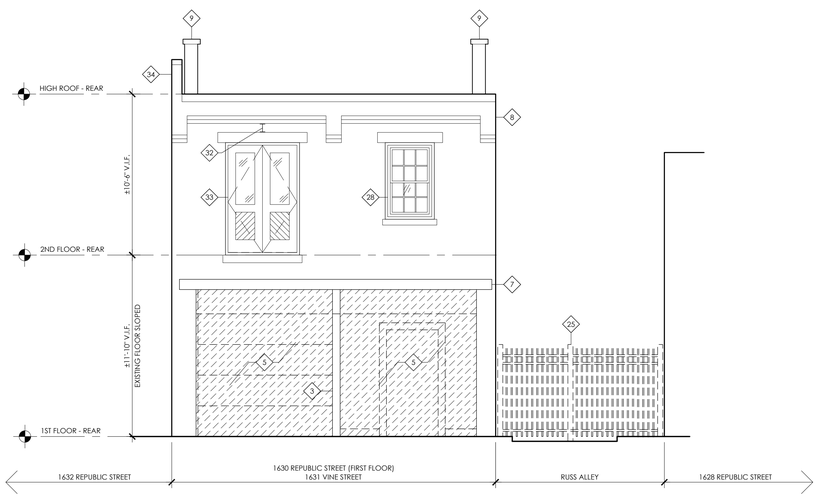
1. REMOVE NON-HISTORIC WINDOW. HISTORIC WOOD WEIGHT BOX AND BRICK MOULD TO REMAIN. SEE WINDOW SCHEDULE AND DETAILS.
2. REMOVE DETERIORATED HISTORIC WOOD WINDOW AS REQUIRED TO INSTALL NEW WOOD WINDOW. SEE WINDOW SCHEDULE AND DETAILS.
3. HISTORIC CAST IRON OR STONE STOREFRONT ELEMENTS TO REMAIN.
4. EXISTING CAST IRON OR STONE CURB TO REMAIN.
5. REMOVE NON-HISTORIC INFILL FROM STOREFRONT. PROVIDE TEMPORARY SHORING.
6. EXISTING STONE OR CAST IRON CURB (WHERE OCCURS) TO REMAIN UNLESS DETERIORATED BEYOND REPAIR. IF REPLACEMENT IS NECESSARY, REMOVE STONE OR CAST IRON CURB DOWN TO SERVICEABLE FOUNDATION WALL BELOW. PREPARE TOP OF EXISTING FOUNDATION WALL TO RECEIVE NEW CONCRETE CURB. IF REQUIRED FOR NEW SIDEWALK WORK OR ACCESSIBLE ENTRANCE. SEE STRUCTURAL.
7. HISTORIC CAST IRON OR STONE STOREFRONT LINTEL TO REMAIN.
8. HISTORIC STONE/METAL ROOF CORNICE/BANDINGS, BRACKETS AND MOULDNG TO REMAIN.
9. EXISTING MASONRY CHIMNEY TO REMAIN.
10. EXISTING HISTORIC WOOD TRANSOM BAR AND WOOD BRICK MOULD TO REMAIN. REMOVE NON-HISTORIC ENTRY DOOR AND INFILL.
11. HISTORIC WOOD BRICK MOULD TO REMAIN. REMOVE NON-HISTORIC INFILL.
12. HISTORIC WOOD SHUTTERS TO BE REMOVED AND SALVAGED FOR REINSTALLATION. EXISTING EXPOSED HARDWARE TO REMAIN. CLEAN AND PAINT.
13. REMOVE EXISTING INFILL IN HISTORIC MASONRY OPENING. EXISITING INTERIOR WINDOW TRIM TO REMAIN IF PRESENT.
14. REMOVE RAKE BOARD IF DETERIORATED.
15. EXISTING F.E. TO REMAIN. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FIRE ESCAPE EXAMINATION INSPECTION AND REPAIRS PER CITY OF CINCINNATI. CLEAN AND PAINT.
16. REMOVE EXISTING GRAFFITI OR MISC. PAINT. SEE SPECIFICATION. EXERCISE CAUTION SO AS NOT TO DAMAGE HISTORIC MASONRY.
17. REMOVE EXISTING GRATE/INFILL AT EXISTING BASEMENT WINDOW WELL.
18. HISTORIC BOX GUTTER TO REMAIN.
19. REMOVE UNDERSIDE OF BAY ENOUGH FOR ARCHITECT AND STRUCTURAL ENGINEER TO INSPECT FLOOR STRUCTURE.
20. EXISTING NON-HISTORIC DOOR /WINDOW INFILL TO REMAIN. GENERAL CONTRACTOR SHALL VERIFY INTEGRITY OF EXISTING INFILL.
21. REMOVE EXISTING CONCRETE SLAB TO ACCOMMODATE NEW ACCESSIBLE WALKWAY, SEE STRUCTURAL DIAGRAM.
22. REMOVE EXISTING DOWNSPOUT.
23. REMOVE EXISTING GUTTER.
24. REMOVE PORTION OF EXIST. FIRE ESCAPE. SEE DEMO AND NEW WORK PLANS.
25. REMOVE EXISTING FENCE, GATE, ASSOCIATED HARDWARE AND FOUNDATIONS.
26. PROVIDE NEW MASONRY OPENING FOR NEW DOOR AT EXISTING WINDOW OPENING. SEE NEW WORK PLANS AND ELEVATIONS AND STRUCTURAL DRAWINGS.
27. REMOVE EXIST DETERIORATED CONC. SLAB. SEE STRUCTURAL DRAWINGS.
28. EXIST. HISTORIC WOOD WINDOW OR TRANSOM TO REMAIN.
29. REMOVE EXIST. ONE-STORY ADDITION IN ITS ENTIRETY. SEE NEW WORK PLANS AND STRUCTURAL DRAWINGS.
30. REMOVE EXISTING STONE/CONCRETE DETERIORATED STEPS. SEE CIVIL DRAWINGS, NEW WORK PLANS AND STRUCTURAL DRAWINGS.
31. REMOVE EXISTING INFILL OR WINDOW. PREP FOR MASONRY INFILL.
32. EXIST. STEEL HOIST BEAM TO REMAIN.
33. EXIST. HISTORIC WOOD DOORS TO REMAIN.
34. EXIST. MASONRY PARAPET W/ TERRA COTTA COPING CAP TO REMAIN. RESET CAP IF REQUIRED.
35. EXIST. STEEL GATE AND FRAME TO BE REMOVED.
36. EXISTING WOOD CEILING ABOVE TO REMAIN. REPAIR AS REQ'D. PAINT.
37. EXISTING DETERIORATED STEEL TO BE REMOVED. PROVIDE TEMPORARY SHORING AT WALL ABOVE. SEE STRUCTURAL DWGS.



1 A5.2 DEMOLITION WEST EXTERIOR ELEVATION - COURTYARD
1/4" = 1'-0"



2 A5.2 DEMOLITION EAST EXTERIOR ELEVATION - COURTYARD
1/4" = 1'-0"



3 A5.2 DEMOLITION WEST EXTERIOR ELEVATION - REPUBLIC STREET
1/4" = 1'-0"

0 2 4 8 16

NOT FOR CONSTRUCTION

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DEMOLITION
WEST EXTERIOR ELEVATION

A5.2

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24. REMOVE PORTION OF EXIST. FIRE ESCAPE. SEE DEMO AND NEW WORK PLANS.
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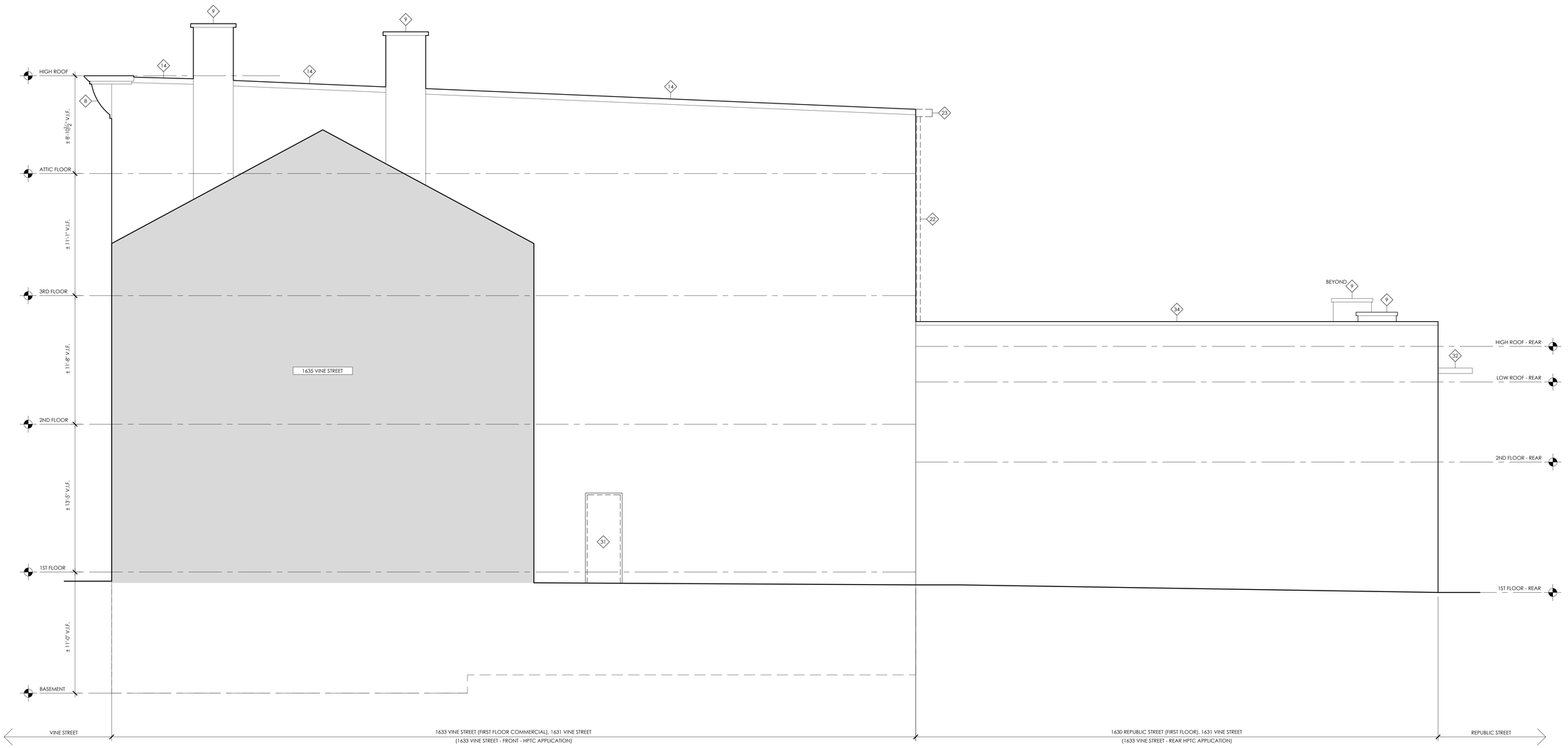

1 A5.3 DEMOLITION NORTH EXTERIOR ELEVATION

1/4" = 1'-0"

0 2 4 8 16

NOT FOR CONSTRUCTION

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DEMOLITION
NORTH EXTERIOR ELEVATION

A5.3

PRELIMINARY:
NOT FOR CONSTRUCTION

NEW WORK ELEVATION GRAPHIC KEY

NEW BRICK INFILL:
MATCH EXISTING ADJACENT BRICK COLOR, SIZE, AND TEXTURE. AT INFILLED WINDOW AND DOOR OPENINGS, SET FACE OF BRICK BACK 2" FROM FACE OF ADJACENT BRICK.

6" x 6" PLASTIC LOUVERED WALL VENT CAP, COLOR TO BLEND WITH BRICK.
- 6" X 6" VENTS CORRESPOND TO 4" DIAMETER KITCHEN/BATHROOM/CLOTHES DRYER EXHAUST DUCTS.

8" x 8" PLASTIC LOUVERED WALL VENT CAP, COLOR TO BLEND WITH BRICK.
- 8" X 8" VENTS CORRESPOND TO 6" DIAMETER KITCHEN/BATHROOM/CLOTHES DRYER EXHAUST DUCTS.

10" x 10" PLASTIC LOUVERED WALL VENT CAP, COLOR TO BLEND WITH BRICK.
- 10" X 10" VENTS CORRESPOND TO 8" DIAMETER KITCHEN/BATHROOM/CLOTHES DRYER EXHAUST DUCTS.

NEW WORK ELEVATION HISTORIC NOTES

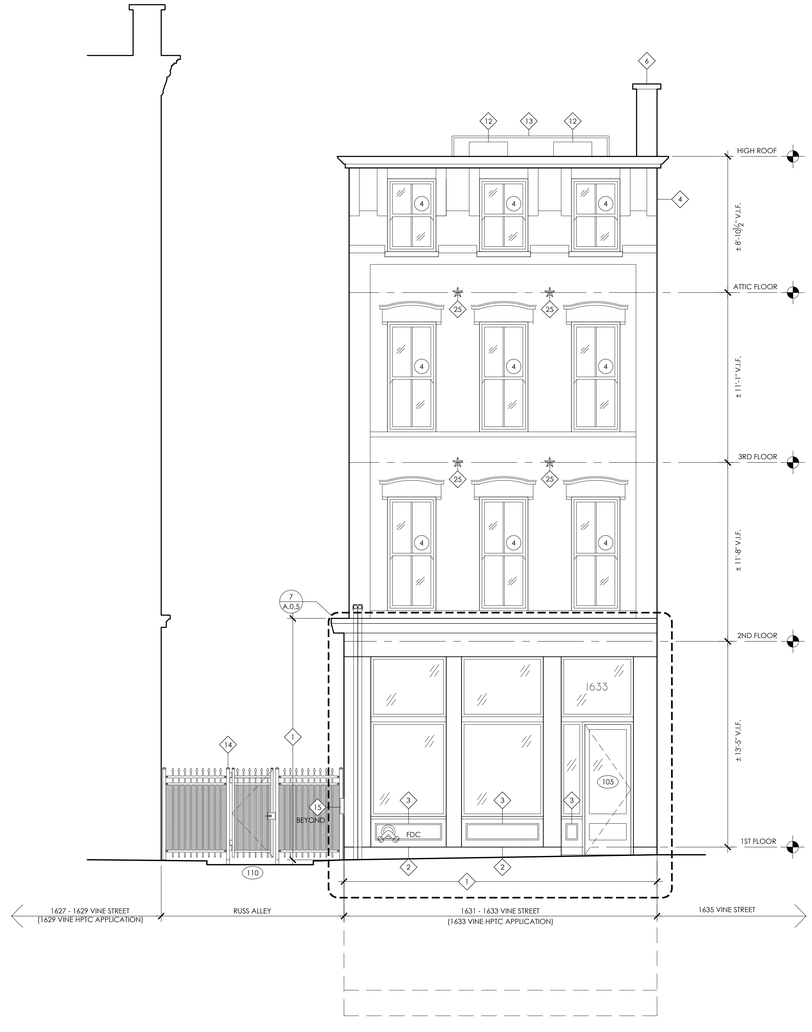
- REFER TO NEW WORK PLANS FOR ALL HISTORIC KEYNOTES AT EXISTING DOOR AND WINDOW OPENINGS AND OTHER HISTORIC EXTERIOR ELEMENTS.
- REFER TO APPROVED HISTORIC PRESERVATION CERTIFICATION APPLICATION PART 2 AND SPECIFICATIONS FOR MASONRY AND STONE REPAIR AND CLEANING.
- EXISTING UNPAINTED BRICK AND STONE TO REMAIN UNPAINTED. EXISTING PAINTED BRICK AND STONE TO BE REPAINTED.
- ALL COLORS TO BE SELECTED BY OWNER / ARCHITECT DURING CONSTRUCTION. BIDDERS ARE TO ASSUME MINIMUM 3 EXTERIOR PAINT COLORS PER BUILDING.
- ALL HISTORIC WINDOW SHUTTER HARDWARE SHOULD REMAIN (EVEN IF SHUTTER WAS PREVIOUSLY REMOVED) REPAIR, CLEAN, AND PAINT.

NEW WORK ELEVATION GENERAL NOTES

- REFER TO NEW WORK FLOOR PLANS FOR ALL DOOR TAGS.
- INSTALL NEW WINDOWS PER WINDOW SCHEDULE AND DETAILS. FOR HISTORIC WOOD BRICKMOULD TO REMAIN. PATCH TO MATCH HISTORIC WHERE MISSING, REPAIR TO MATCH HISTORIC WHERE DETERIORATED. PRIME AND PAINT.
- REVIEW. REPLACE ALL MISSING, CRACKED, ERODED, OR SPALLED BRICKS WITH SALVAGED HISTORIC BRICKS OR NEW BRICKS TO MATCH. EXERCISE CARE SO AS NOT TO DAMAGE ADJACENT HISTORIC BRICKS TO REMAIN. REPOINT ALL MISSING, DETERIORATED, OR SOFT MORTAR JOINTS IN ALL MASONRY. VERIFY COLOR MATCH WITH ARCHITECT PRIOR TO BEGINNING WORK.SEE STRUCTURAL DRAWING
- CONTRACTOR TO SURVEY MASONRY PRIOR TO BIDDING WORK TO QUANTIFY SCOPE OF REPAIR. CONTRACTOR SHALL SUBMIT UNIT PRICING FOR ADDITIONAL BRICK MASONRY REPAIRS NOT SHOWN ON STRUCTURAL DRAWINGS.
- INFILL EXISTING PENETRATIONS OF THE EXTERIOR MASONRY WALLS TO MATCH ADJACENT SURFACES.
- REPLACE CRACKED STONE LINTELS AND SILLS TO MATCH EXISTING. SEE STRUCTURAL DRAWINGS.
- PAINT ALL PREVIOUSLY PAINTED BRICK AND STONE MASONRY SURFACES. COLOR TO BE SELECTED BY ARCHITECT. ALL PREVIOUSLY UNPAINTED BRICK AND STONE MASONRY TO REMAIN UNPAINTED.
- PAINT HISTORIC CAST IRON, STONE AND WOOD STOREFRONT ELEMENTS. COLOR TO BE SELECTED BY ARCHITECT.
- PAINT HISTORIC ROOF CORNICE ELEMENTS. COLOR TO BE SELECTED BY ARCHITECT.
- VERIFY THE CONDITION OF INTERIOR WOOD LINTELS. REPAIR OR REPLACE AS REQUIRED.
- ALL CHIMNEYS & ASSOCIATED ELEMENTS ARE TO REMAIN, U.N.O. PROVIDE BRICK REPAIRS AS REQUIRED AND CAP IF NOT ALREADY CAPPED. VERIFY STRUCTURAL INTEGRITY IN FIELD - SEE NOTES ON STRUCTURAL DWGS.
- COORDINATE WITH MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR NEW PENETRATIONS (NEW PENETRATIONS FOR CONDUIT, DUCTS, PIPES, ETC. ARE NOT ILLUSTRATED ON THESE DRAWINGS).
- EXISTING FIRE ESCAPE TO REMAIN. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FIRE ESCAPE EXAMINATION INSPECTION AND REPAIRS PER CITY OF CINCINNATI. CLEAN AND PAINT.

NEW WORK ELEVATION KEYNOTES

1. HISTORIC CAST IRON/STONE STOREFRONT ELEMENTS TO REMAIN. REPAIR. CLEAN AND PAINT.
2. PROVIDE NEW CONCRETE CURB IF EXISTING CURB IS DETERIORATED, MISSING, OR REQUIRED FOR NEW SIDEWALK WORK OR NEW ACCESSIBLE ENTRANCE. SEE STRUCTURAL DRAWINGS.
3. PROVIDE NEW STOREFRONT KNEE WALL. REFER TO STOREFRONT DETAILS.
4. HISTORIC CORNICE, BRACKETS AND MOULDING TO REMAIN. REPAIR DETERIORATED ELEMENTS TO MATCH EXISTING. CLEAN AND PAINT.
5. REPLACE DETERIORATED WOOD RAKE BOARD. COLOR BY ARCHITECT.
6. PROVIDE NEW PREFINISHED ALUMINUM CAP OVER HISTORIC STONE CHIMNEY CAP. SLOPE TO SHED WATER. COLOR BY ARCHITECT.
7. NEW WALL-MOUNTED DECORATIVE OR SECURITY LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS.
8. HISTORIC WOOD BOX GUTTER TO REMAIN. REPAIR ALL DETERIORATED ELEMENTS. PRIME AND PAINT. PROVIDE NEW TPO ROOF MEMBRANE LINER AND SLOPE TO DRAIN TO NEW DOWNSPOUT LOCATION.
9. REPAIR STRUCTURE AT UNDERSIDE OF BAY WINDOW IF REQUIRED. PROVIDE NEW FIBER CEMENT PANEL AFTER REPAIR WORK IS COMPLETED. PAINT.
10. REINSTALL HISTORIC WOOD SHUTTERS. REPAIR AND PAINT. EXPOSED HARDWARE TO REMAIN. CLEAN AND PAINT.
11. EXISTING CAST IRON OR STONE STEP TO REMAIN. REPAIR AS REQUIRED.
12. NEW HVAC EQUIPMENT. REFER TO MECHANICAL DRAWINGS.
13. NEW 42" TALL STEEL GUARDRAIL WITH MEMBERS SPACED TO PREVENT PASSAGE OF 21" DIA. SPHERE. PAINT, COLOR BY ARCHITECT. REFER TO STRUCTURAL DRAWINGS FOR LOADING CRITERIA.
14. NEW 6' TALL ALUMINUM FENCE AND GATE.
15. NEW INTERCOM SYSTEM TIED TO ELECTRIC DOOR HARDWARE. REFER TO ELECTRICAL DRAWINGS.
16. NEW PRE-FINISHED ALUMINUM HUNG GUTTER.
17. NEW PRE-FINISHED ALUMINUM DOWNSPOUT. PROVIDE CAST IRON BOOT. EXTEND BOOT 6' ABOVE GRADE. CONNECT CONNECTION TO STORM LINE - SEE PLUMBING DRAWINGS.
18. PROVIDE NEW CONCRETE SLOPED SLAB TO ACCOMMODATE NEW ACCESSIBLE WALKWAY, SEE STRUCTURAL DRAWINGS.
19. EXIST NON-HISTORIC DOOR/WINDOW INFILL TO REMAIN. GENERAL CONTRACTOR SHALL VERIFY THE INTEGRITY OF THE EXISTING INFILL. REPAIR AND PAINT.
20. NEW BRICK MASONRY INFILL IN HISTORIC OPENING, RECESSED 2" FROM FACE OF ADJACENT MASONRY. NEW BRICK INFILL TO MATCH HISTORIC BRICK.
21. NEW EXHAUST LOUVERS. COLOR BY ARCHITECT.
22. NEW CONCRETE SLAB. SEE STRUCTURAL DRAWINGS.
23. EXISTING CONCRETE STEPS TO REMAIN. REPAIR AS REQUIRED.
24. PROVIDE NEW CONCRETE STEPS AT ENTRY. MAX. RISE 7"- MIN. RUN. 11". SEE STRUCTURAL DRAWINGS.
25. PROVIDE NEW MASONRY (STAR) WALL TIES. SEE STRUCTURAL DRAWINGS. PAINT TO MATCH WALL COLOR.
26. PROVIDE NEW CMU INFILL AT HISTORIC OPENING. RECESS 2" FROM FACE OF ADJACENT MASONRY. PROVIDE PARGE COAT AND PAINT.
27. EXIST. MASONRY PARAPET WITH TERRA COTTA COPING CAP. RESET IF REQUIRED. SEE NEW WORK ROOF PLAN.
28. EXISTING HISTORIC WOOD DOORS TO REMAIN IN THE CLOSED POSITION. REPAIR AND PAINT.
29. EXISTING STEEL HOIST BEAM TO REMAIN. VERIFY STRUCTURAL INTEGRITY. REPAIR AND PAINT.
30. PROVIDE NEW WOOD PANELED INFILL WALL WITH TRANSOMS ABOVE. SEE DETAIL.
31. EXISTING F.E. TO REMAIN. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FIRE ESCAPE EXAMINATION INSPECTION AND REPAIRS PER CITY OF CINCINNATI. CLEAN AND PAINT.
32. PROVIDE NEW DOOR OPENER PUSH PLATE W/ INTERNATIONAL SYMBOL OF ACCESSIBILITY, MOUNTED 48" MAXIMUM AFF. SEE NEW WORK PLAN FOR ADDITIONAL INFORMATION.
33. EXISTING WOOD CEILING ABOVE TO REMAIN. REPAIR AS REQ'D. PAINT.
34. USPS APPROVED RESIDENTIAL STYLE EXTERIOR GRADE LOCKABLE MAILBOX. MOUNT SO KEY IS 48" MAX ABOVE GRADE. SEE NEW WORK PLANS.
35. NEW STEEL BEAM WITH NEW COVERPLATES. COVERPLATES TO MATCH EXISTING. REFER TO STRUCTURAL.
36. CEMENT FIBER BOARD SHEET (HARDIE PANEL VERTICAL SIDING, SMOOTH, OR EQUAL). NO EXPOSED SEAMS. SEE WALL TYPE "N". PAINTED
37. 1X CEDAR TRIM, PAINTED.
38. ¾" CEDAR QUARTER ROUND AT PERIMETER OF OPENING, PAINTED.



1 A6.0 NEW WORK EAST EXTERIOR ELEVATION - VINE STREET
1/4" = 1'-0"

0 2 4 8 16

NOT FOR CONSTRUCTION

CITYSTUDIOS ARCHITECTURE
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RUSS ALLEY
1631 - 1633 VINE STREET, 1630 REPUBLIC STREET
(1633 VINE STREET HPTC APPLICATION)
CINCINNATI, OH 45202

3CDC CINCINNATI CENTER CITY DEVELOPMENT CORPORATION

ISSUE LOG:
06.02.2023
ISSUE FOR PERMIT
⚠ 07.14.2023
PERMIT REVISION 1
09.21.2023
OHFA PRELIM. SUBMISSION

NEW WORK
EAST EXTERIOR ELEVATION

A6.0

PRELIMINARY:
NOT FOR CONSTRUCTION

NEW WORK ELEVATION GRAPHIC KEY

NEW BRICK INFILL:
MATCH EXISTING ADJACENT BRICK COLOR, SIZE, AND TEXTURE. AT INFILLED WINDOW AND DOOR OPENINGS, SET FACE OF BRICK BACK 2" FROM FACE OF ADJACENT BRICK.

6" x 6" PLASTIC LOUVERED WALL VENT CAP, COLOR TO BLEND WITH BRICK.
- 6" X 6" VENTS CORRESPOND TO 4" DIAMETER KITCHEN/BATHROOM/CLOTHES DRYER EXHAUST DUCTS.

8" x 8" PLASTIC LOUVERED WALL VENT CAP, COLOR TO BLEND WITH BRICK.
- 8" X 8" VENTS CORRESPOND TO 6" DIAMETER KITCHEN/BATHROOM/CLOTHES DRYER EXHAUST DUCTS.

10" x 10" PLASTIC LOUVERED WALL VENT CAP, COLOR TO BLEND WITH BRICK.
- 10" X 10" VENTS CORRESPOND TO 8" DIAMETER KITCHEN/BATHROOM/CLOTHES DRYER EXHAUST DUCTS.

NEW WORK ELEVATION HISTORIC NOTES

- REFER TO NEW WORK PLANS FOR ALL HISTORIC KEYNOTES AT EXISTING DOOR AND WINDOW OPENINGS AND OTHER HISTORIC EXTERIOR ELEMENTS.
- REFER TO APPROVED HISTORIC PRESERVATION CERTIFICATION APPLICATION PART 2 AND SPECIFICATIONS FOR MASONRY AND STONE REPAIR AND CLEANING.
- EXISTING UNPAINTED BRICK AND STONE TO REMAIN UNPAINTED. EXISTING PAINTED BRICK AND STONE TO BE REPAINTED.
- ALL COLORS TO BE SELECTED BY OWNER / ARCHITECT DURING CONSTRUCTION. BIDDERS ARE TO ASSUME MINIMUM 3 EXTERIOR PAINT COLORS PER BUILDING.
- ALL HISTORIC WINDOW SHUTTER HARDWARE SHOULD REMAIN (EVEN IF SHUTTER WAS PREVIOUSLY REMOVED) REPAIR, CLEAN, AND PAINT.

NEW WORK ELEVATION GENERAL NOTES

- REFER TO NEW WORK FLOOR PLANS FOR ALL DOOR TAGS.
- INSTALL NEW WINDOWS PER WINDOW SCHEDULE AND DETAILS. FOR HISTORIC WOOD BRICKMOULD TO REMAIN. PATCH TO MATCH HISTORIC WHERE MISSING, REPAIR TO MATCH HISTORIC WHERE DETERIORATED. PRIME AND PAINT.
- REVIEW. REPLACE ALL MISSING, CRACKED, ERODED, OR SPALLED BRICKS WITH SALVAGED HISTORIC BRICKS OR NEW BRICKS TO MATCH. EXERCISE CARE SO AS NOT TO DAMAGE ADJACENT HISTORIC BRICKS TO REMAIN. REPOINT ALL MISSING, DETERIORATED, OR SOFT MORTAR JOINTS IN ALL MASONRY. VERIFY COLOR MATCH WITH ARCHITECT PRIOR TO BEGINNING WORK.SEE STRUCTURAL DRAWING
- CONTRACTOR TO SURVEY MASONRY PRIOR TO BIDDING WORK TO QUANTIFY SCOPE OF REPAIR. CONTRACTOR SHALL SUBMIT UNIT PRICING FOR ADDITIONAL BRICK MASONRY REPAIRS NOT SHOWN ON STRUCTURAL DRAWINGS.
- INFILL EXISTING PENETRATIONS OF THE EXTERIOR MASONRY WALLS TO MATCH ADJACENT SURFACES.
- REPLACE CRACKED STONE LINTELS AND SILLS TO MATCH EXISTING. SEE STRUCTURAL DRAWINGS.
- PAINT ALL PREVIOUSLY PAINTED BRICK AND STONE MASONRY SURFACES. COLOR TO BE SELECTED BY ARCHITECT. ALL PREVIOUSLY UNPAINTED BRICK AND STONE MASONRY TO REMAIN UNPAINTED.
- PAINT HISTORIC CAST IRON, STONE AND WOOD STOREFRONT ELEMENTS. COLOR TO BE SELECTED BY ARCHITECT.
- PAINT HISTORIC ROOF CORNICE ELEMENTS. COLOR TO BE SELECTED BY ARCHITECT.
- VERIFY THE CONDITION OF INTERIOR WOOD LINTELS. REPAIR OR REPLACE AS REQUIRED.
- ALL CHIMNEYS & ASSOCIATED ELEMENTS ARE TO REMAIN, U.N.O. PROVIDE BRICK REPAIRS AS REQUIRED AND CAP IF NOT ALREADY CAPPED. VERIFY STRUCTURAL INTEGRITY IN FIELD - SEE NOTES ON STRUCTURAL DWGS.
- COORDINATE WITH MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR NEW PENETRATIONS (NEW PENETRATIONS FOR CONDUIT, DUCTS, PIPES, ETC. ARE NOT ILLUSTRATED ON THESE DRAWINGS).
- EXISTING FIRE ESCAPE TO REMAIN. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FIRE ESCAPE EXAMINATION INSPECTION AND REPAIRS PER CITY OF CINCINNATI. CLEAN AND PAINT.

NEW WORK ELEVATION KEYNOTES

1. HISTORIC CAST IRON/STONE STOREFRONT ELEMENTS TO REMAIN. REPAIR. CLEAN AND PAINT.
2. PROVIDE NEW CONCRETE CURB IF EXISTING CURB IS DETERIORATED, MISSING, OR REQUIRED FOR NEW SIDEWALK WORK OR NEW ACCESSIBLE ENTRANCE. SEE STRUCTURAL DRAWINGS.
3. PROVIDE NEW STOREFRONT KNEE WALL. REFER TO STOREFRONT DETAILS.
4. HISTORIC CORNICE, BRACKETS AND MOULDING TO REMAIN. REPAIR DETERIORATED ELEMENTS TO MATCH EXISTING. CLEAN AND PAINT.
5. REPLACE DETERIORATED WOOD RAKE BOARD. COLOR BY ARCHITECT.
6. PROVIDE NEW PREFINISHED ALUMINUM CAP OVER HISTORIC STONE CHIMNEY CAP. SLOPE TO SHED WATER. COLOR BY ARCHITECT.
7. NEW WALL-MOUNTED DECORATIVE OR SECURITY LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS.
8. HISTORIC WOOD BOX GUTTER TO REMAIN. REPAIR ALL DETERIORATED ELEMENTS. PRIME AND PAINT. PROVIDE NEW TPO ROOF MEMBRANE LINER AND SLOPE TO DRAIN TO NEW DOWNSPOUT LOCATION.
9. REPAIR STRUCTURE AT UNDERSIDE OF BAY WINDOW IF REQUIRED. PROVIDE NEW FIBER CEMENT PANEL AFTER REPAIR WORK IS COMPLETED. PAINT.
10. REINSTALL HISTORIC WOOD SHUTTERS. REPAIR AND PAINT. EXPOSED HARDWARE TO REMAIN. CLEAN AND PAINT.
11. EXISTING CAST IRON OR STONE STEP TO REMAIN. REPAIR AS REQUIRED.
12. NEW HVAC EQUIPMENT. REFER TO MECHANICAL DRAWINGS.
13. NEW 42" TALL STEEL GUARDRAIL WITH MEMBERS SPACED TO PREVENT PASSAGE OF 21" DIA. SPHERE. PAINT, COLOR BY ARCHITECT. REFER TO STRUCTURAL DRAWINGS FOR LOADING CRITERIA.
14. NEW 6' TALL ALUMINUM FENCE AND GATE.
15. NEW INTERCOM SYSTEM TIED TO ELECTRIC DOOR HARDWARE. REFER TO ELECTRICAL DRAWINGS.
16. NEW PRE-FINISHED ALUMINUM HUNG GUTTER.
17. NEW PRE-FINISHED ALUMINUM DOWNSPOUT. PROVIDE CAST IRON BOOT. EXTEND BOOT 6' ABOVE GRADE. CONNECT CONNECTION TO STORM LINE - SEE PLUMBING DRAWINGS.
18. PROVIDE NEW CONCRETE SLOPED SLAB TO ACCOMMODATE NEW ACCESSIBLE WALKWAY, SEE STRUCTURAL DRAWINGS.
19. EXIST NON-HISTORIC DOOR/WINDOW INFILL TO REMAIN. GENERAL CONTRACTOR SHALL VERIFY THE INTEGRITY OF THE EXISTING INFILL. REPAIR AND PAINT.
20. NEW BRICK MASONRY INFILL IN HISTORIC OPENING, RECESSED 2" FROM FACE OF ADJACENT MASONRY. NEW BRICK INFILL TO MATCH HISTORIC BRICK.
21. NEW EXHAUST LOUVERS. COLOR BY ARCHITECT.
22. NEW CONCRETE SLAB. SEE STRUCTURAL DRAWINGS.
23. EXISTING CONCRETE STEPS TO REMAIN. REPAIR AS REQUIRED.
24. PROVIDE NEW CONCRETE STEPS AT ENTRY. MAX. RISE 7"- MIN. RUN. 11". SEE STRUCTURAL DRAWINGS.
25. PROVIDE NEW MASONRY (STAR) WALL TIES. SEE STRUCTURAL DRAWINGS. PAINT TO MATCH WALL COLOR.
26. PROVIDE NEW CMU INFILL AT HISTORIC OPENING. RECESS 2" FROM FACE OF ADJACENT MASONRY. PROVIDE PARGE COAT AND PAINT.
27. EXIST. MASONRY PARAPET WITH TERRA COTTA COPING CAP. RESET IF REQUIRED. SEE NEW WORK ROOF PLAN.
28. EXISTING HISTORIC WOOD DOORS TO REMAIN IN THE CLOSED POSITION. REPAIR AND PAINT.
29. EXISTING STEEL HOIST BEAM TO REMAIN. VERIFY STRUCTURAL INTEGRITY. REPAIR AND PAINT.
30. PROVIDE NEW WOOD PANELED INFILL WALL WITH TRANSOMS ABOVE. SEE DETAIL.
31. EXISTING F.E. TO REMAIN. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FIRE ESCAPE EXAMINATION INSPECTION AND REPAIRS PER CITY OF CINCINNATI. CLEAN AND PAINT.
32. PROVIDE NEW DOOR OPENER PUSH PLATE W/ INTERNATIONAL SYMBOL OF ACCESSIBILITY, MOUNTED 48" MAXIMUM AFF. SEE NEW WORK PLAN FOR ADDITIONAL INFORMATION.
33. EXISTING WOOD CEILING ABOVE TO REMAIN. REPAIR AS REQ'D. PAINT.
34. USPS APPROVED RESIDENTIAL STYLE EXTERIOR GRADE LOCKABLE MAILBOX. MOUNT SO KEY IS 48" MAX ABOVE GRADE. SEE NEW WORK PLANS.
35. NEW STEEL BEAM WITH NEW COVERPLATES. COVERPLATES TO MATCH EXISTING. REFER TO STRUCTURAL.
36. CEMENT FIBER BOARD SHEET (HARDIE PANEL VERTICAL SIDING, SMOOTH, OR EQUAL). NO EXPOSED SEAMS. SEE WALL TYPE "N". PAINTED
37. 1X CEDAR TRIM, PAINTED.
38. ¾" CEDAR QUARTER ROUND AT PERIMETER OF OPENING, PAINTED.

1 A6.1 NEW WORK SOUTH EXTERIOR ELEVATION
1/4" = 1'-0"

0 2 4 8 16

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3CDC CINCINNATI CENTER CITY DEVELOPMENT CORPORATION

ISSUE LOG:
06.02.2023
ISSUE FOR PERMIT
1 07.14.2023
PERMIT REVISION 1
09.21.2023
OHPA PRELIM. SUBMISSION

NEW WORK
SOUTH EXTERIOR ELEVATION

A6.1

PRELIMINARY:
NOT FOR CONSTRUCTION

NEW WORK ELEVATION GRAPHIC KEY

NEW BRICK INFILL:
MATCH EXISTING ADJACENT BRICK COLOR, SIZE, AND TEXTURE. AT INFILLED WINDOW AND DOOR OPENINGS, SET FACE OF BRICK BACK 2" FROM FACE OF ADJACENT BRICK.

6" x 6" PLASTIC LOUVERED WALL VENT CAP, COLOR TO BLEND WITH BRICK.
- 6" X 6" VENTS CORRESPOND TO 4" DIAMETER KITCHEN/BATHROOM/CLOTHES DRYER EXHAUST DUCTS.

8" x 8" PLASTIC LOUVERED WALL VENT CAP, COLOR TO BLEND WITH BRICK.
- 8" X 8" VENTS CORRESPOND TO 6" DIAMETER KITCHEN/BATHROOM/CLOTHES DRYER EXHAUST DUCTS.

10" x 10" PLASTIC LOUVERED WALL VENT CAP, COLOR TO BLEND WITH BRICK.
- 10" X 10" VENTS CORRESPOND TO 8" DIAMETER KITCHEN/BATHROOM/CLOTHES DRYER EXHAUST DUCTS.

NEW WORK ELEVATION HISTORIC NOTES

- REFER TO NEW WORK PLANS FOR ALL HISTORIC KEYNOTES AT EXISTING DOOR AND WINDOW OPENINGS AND OTHER HISTORIC EXTERIOR ELEMENTS.
- REFER TO APPROVED HISTORIC PRESERVATION CERTIFICATION APPLICATION PART 2 AND SPECIFICATIONS FOR MASONRY AND STONE REPAIR AND CLEANING.
- EXISTING UNPAINTED BRICK AND STONE TO REMAIN UNPAINTED. EXISTING PAINTED BRICK AND STONE TO BE REPAINTED.
- ALL COLORS TO BE SELECTED BY OWNER / ARCHITECT DURING CONSTRUCTION. BIDDERS ARE TO ASSUME MINIMUM 3 EXTERIOR PAINT COLORS PER BUILDING.
- ALL HISTORIC WINDOW SHUTTER HARDWARE SHOULD REMAIN (EVEN IF SHUTTER WAS PREVIOUSLY REMOVED) REPAIR, CLEAN, AND PAINT.

NEW WORK ELEVATION GENERAL NOTES

- REFER TO NEW WORK FLOOR PLANS FOR ALL DOOR TAGS.
- INSTALL NEW WINDOWS PER WINDOW SCHEDULE AND DETAILS. FOR HISTORIC WOOD BRICKMOULD TO REMAIN. PATCH TO MATCH HISTORIC WHERE MISSING, REPAIR TO MATCH HISTORIC WHERE DETERIORATED. PRIME AND PAINT.
- REVIEW. REPLACE ALL MISSING, CRACKED, ERODED, OR SPALLED BRICKS WITH SALVAGED HISTORIC BRICKS OR NEW BRICKS TO MATCH. EXERCISE CARE SO AS NOT TO DAMAGE ADJACENT HISTORIC BRICKS TO REMAIN. REPOINT ALL MISSING, DETERIORATED, OR SOFT MORTAR JOINTS IN ALL MASONRY. VERIFY COLOR MATCH WITH ARCHITECT PRIOR TO BEGINNING WORK.SEE STRUCTURAL DRAWING
- CONTRACTOR TO SURVEY MASONRY PRIOR TO BIDDING WORK TO QUANTIFY SCOPE OF REPAIR. CONTRACTOR SHALL SUBMIT UNIT PRICING FOR ADDITIONAL BRICK MASONRY REPAIRS NOT SHOWN ON STRUCTURAL DRAWINGS.
- INFILL EXISTING PENETRATIONS OF THE EXTERIOR MASONRY WALLS TO MATCH ADJACENT SURFACES.
- REPLACE CRACKED STONE LINTELS AND SILLS TO MATCH EXISTING. SEE STRUCTURAL DRAWINGS.
- PAINT ALL PREVIOUSLY PAINTED BRICK AND STONE MASONRY SURFACES. COLOR TO BE SELECTED BY ARCHITECT. ALL PREVIOUSLY UNPAINTED BRICK AND STONE MASONRY TO REMAIN UNPAINTED.
- PAINT HISTORIC CAST IRON, STONE AND WOOD STOREFRONT ELEMENTS. COLOR TO BE SELECTED BY ARCHITECT.
- PAINT HISTORIC ROOF CORNICE ELEMENTS. COLOR TO BE SELECTED BY ARCHITECT.
- VERIFY THE CONDITION OF INTERIOR WOOD LINTELS. REPAIR OR REPLACE AS REQUIRED.
- ALL CHIMNEYS & ASSOCIATED ELEMENTS ARE TO REMAIN, U.N.O. PROVIDE BRICK REPAIRS AS REQUIRED AND CAP IF NOT ALREADY CAPPED. VERIFY STRUCTURAL INTEGRITY IN FIELD - SEE NOTES ON STRUCTURAL DWGS.
- COORDINATE WITH MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR NEW PENETRATIONS (NEW PENETRATIONS FOR CONDUIT, DUCTS, PIPES, ETC. ARE NOT ILLUSTRATED ON THESE DRAWINGS).
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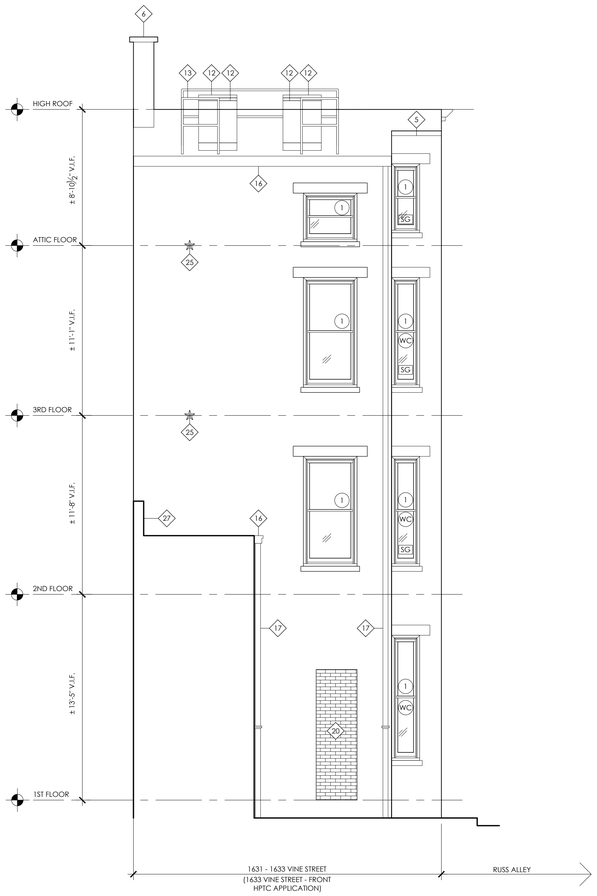
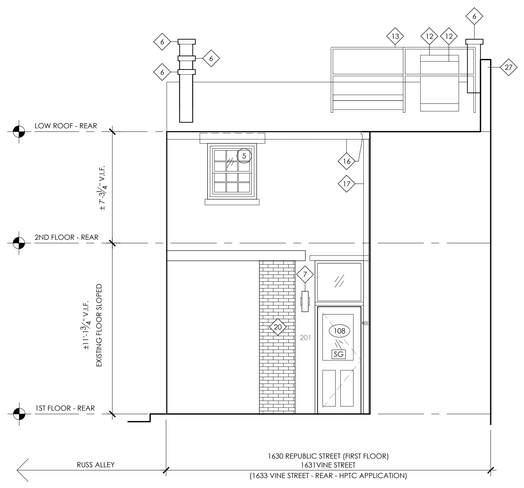
NEW WORK ELEVATION KEYNOTES

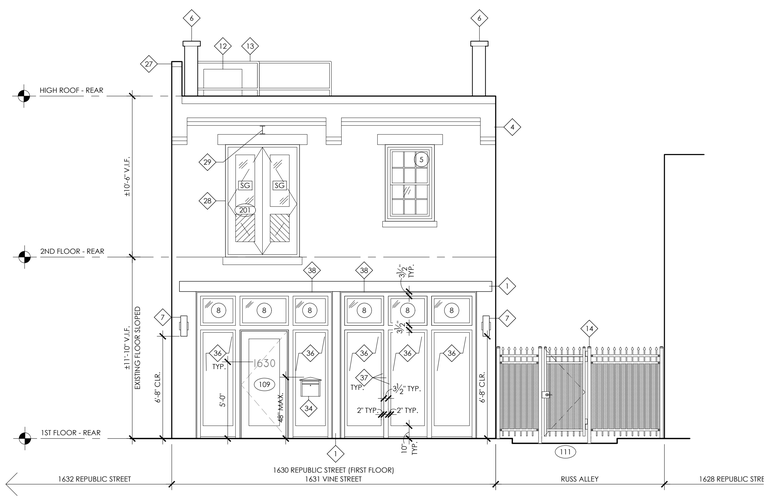
1. HISTORIC CAST IRON/STONE STOREFRONT ELEMENTS TO REMAIN. REPAIR. CLEAN AND PAINT.
2. PROVIDE NEW CONCRETE CURB IF EXISTING CURB IS DETERIORATED, MISSING, OR REQUIRED FOR NEW SIDEWALK WORK OR NEW ACCESSIBLE ENTRANCE. SEE STRUCTURAL DRAWINGS.
3. PROVIDE NEW STOREFRONT KNEE WALL. REFER TO STOREFRONT DETAILS.
4. HISTORIC CORNICE, BRACKETS AND MOULDING TO REMAIN. REPAIR DETERIORATED ELEMENTS TO MATCH EXISTING. CLEAN AND PAINT.
5. REPLACE DETERIORATED WOOD RAKE BOARD. COLOR BY ARCHITECT.
6. PROVIDE NEW PREFINISHED ALUMINUM CAP OVER HISTORIC STONE CHIMNEY CAP. SLOPE TO SHED WATER. COLOR BY ARCHITECT.
7. NEW WALL-MOUNTED DECORATIVE OR SECURITY LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS.
8. HISTORIC WOOD BOX GUTTER TO REMAIN. REPAIR ALL DETERIORATED ELEMENTS. PRIME AND PAINT. PROVIDE NEW TPO ROOF MEMBRANE LINER AND SLOPE TO DRAIN TO NEW DOWNSPOUT LOCATION.
9. REPAIR STRUCTURE AT UNDERSIDE OF BAY WINDOW IF REQUIRED. PROVIDE NEW FIBER CEMENT PANEL AFTER REPAIR WORK IS COMPLETED. PAINT.
10. REINSTALL HISTORIC WOOD SHUTTERS. REPAIR AND PAINT. EXPOSED HARDWARE TO REMAIN. CLEAN AND PAINT.
11. EXISTING CAST IRON OR STONE STEP TO REMAIN. REPAIR AS REQUIRED.
12. NEW HVAC EQUIPMENT. REFER TO MECHANICAL DRAWINGS.
13. NEW 42" TALL STEEL GUARDRAIL WITH MEMBERS SPACED TO PREVENT PASSAGE OF 21" DIA. SPHERE. PAINT, COLOR BY ARCHITECT. REFER TO STRUCTURAL DRAWINGS FOR LOADING CRITERIA.
14. NEW 6' TALL ALUMINUM FENCE AND GATE.
15. NEW INTERCOM SYSTEM TIED TO ELECTRIC DOOR HARDWARE. REFER TO ELECTRICAL DRAWINGS.
16. NEW PRE-FINISHED ALUMINUM HUNG GUTTER.
17. NEW PRE-FINISHED ALUMINUM DOWNSPOUT. PROVIDE CAST IRON BOOT. EXTEND BOOT 6' ABOVE GRADE. CONNECT CONNECTION TO STORM LINE - SEE PLUMBING DRAWINGS.
18. PROVIDE NEW CONCRETE SLOPED SLAB TO ACCOMMODATE NEW ACCESSIBLE WALKWAY, SEE STRUCTURAL DRAWINGS.
19. EXIST NON-HISTORIC DOOR/WINDOW INFILL TO REMAIN. GENERAL CONTRACTOR SHALL VERIFY THE INTEGRITY OF THE EXISTING INFILL. REPAIR AND PAINT.
20. NEW BRICK MASONRY INFILL IN HISTORIC OPENING, RECESSED 2" FROM FACE OF ADJACENT MASONRY. NEW BRICK INFILL TO MATCH HISTORIC BRICK.
21. NEW EXHAUST LOUVERS. COLOR BY ARCHITECT.
22. NEW CONCRETE SLAB. SEE STRUCTURAL DRAWINGS.
23. EXISTING CONCRETE STEPS TO REMAIN. REPAIR AS REQUIRED.
24. PROVIDE NEW CONCRETE STEPS AT ENTRY. MAX. RISE 7"- MIN. RUN. 11". SEE STRUCTURAL DRAWINGS.
25. PROVIDE NEW MASONRY (STAR) WALL TIES. SEE STRUCTURAL DRAWINGS. PAINT TO MATCH WALL COLOR.
26. PROVIDE NEW CMU INFILL AT HISTORIC OPENING. RECESS 2" FROM FACE OF ADJACENT MASONRY. PROVIDE PARGE COAT AND PAINT.
27. EXIST. MASONRY PARAPET WITH TERRA COTTA COPING CAP. RESET IF REQUIRED. SEE NEW WORK ROOF PLAN.
28. EXISTING HISTORIC WOOD DOORS TO REMAIN IN THE CLOSED POSITION. REPAIR AND PAINT.
29. EXISTING STEEL HOIST BEAM TO REMAIN. VERIFY STRUCTURAL INTEGRITY. REPAIR AND PAINT.
30. PROVIDE NEW WOOD PANELED INFILL WALL WITH TRANSOMS ABOVE. SEE DETAIL.
31. EXISTING F.E. TO REMAIN. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FIRE ESCAPE EXAMINATION INSPECTION AND REPAIRS PER CITY OF CINCINNATI. CLEAN AND PAINT.
32. PROVIDE NEW DOOR OPENER PUSH PLATE W/ INTERNATIONAL SYMBOL OF ACCESSIBILITY, MOUNTED 48" MAXIMUM AFF. SEE NEW WORK PLAN FOR ADDITIONAL INFORMATION.
33. EXISTING WOOD CEILING ABOVE TO REMAIN. REPAIR AS REQ'D. PAINT.
34. USPS APPROVED RESIDENTIAL STYLE EXTERIOR GRADE LOCKABLE MAILBOX. MOUNT SO KEY IS 48" MAX ABOVE GRADE. SEE NEW WORK PLANS.
35. NEW STEEL BEAM WITH NEW COVERPLATES. COVERPLATES TO MATCH EXISTING. REFER TO STRUCTURAL.
36. CEMENT FIBER BOARD SHEET (HARDIE PANEL VERTICAL SIDING, SMOOTH, OR EQUAL). NO EXPOSED SEAMS. SEE WALL TYPE "N". PAINTED
37. 1X CEDAR TRIM, PAINTED.
38. ¾" CEDAR QUARTER ROUND AT PERIMETER OF OPENING, PAINTED.



1 A6.2 NEW WORK WEST EXTERIOR ELEVATION - COURTYARD
1/4" = 1'-0"



2 A6.2 NEW WORK EAST EXTERIOR ELEVATION - COURTYARD
1/4" = 1'-0"



3 A6.2 NEW WORK WEST EXTERIOR ELEVATION - REPUBLIC STREET
1/4" = 1'-0"

0 2 4 8 16

NOT FOR CONSTRUCTION

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3CDC CINCINNATI CENTER CITY DEVELOPMENT CORPORATION

ISSUE LOG:
- 06.02.2023 ISSUE FOR PERMIT
- 1 07.14.2023 PERMIT REVISION 1
- 09.21.2023 OHFA PRELIM. SUBMISSION

NEW WORK
WEST EXTERIOR ELEVATION

A6.2

PRELIMINARY: NOT FOR CONSTRUCTION

NEW WORK ELEVATION GRAPHIC KEY

NEW BRICK INFILL:
MATCH EXISTING ADJACENT BRICK COLOR, SIZE, AND TEXTURE. AT INFILLED WINDOW AND DOOR OPENINGS, SET FACE OF BRICK BACK 2" FROM FACE OF ADJACENT BRICK.

6" x 6" PLASTIC LOUVERED WALL VENT CAP, COLOR TO BLEND WITH BRICK.
- 6" X 6" VENTS CORRESPOND TO 4" DIAMETER KITCHEN/BATHROOM/CLOTHES DRYER EXHAUST DUCTS.

8" x 8" PLASTIC LOUVERED WALL VENT CAP, COLOR TO BLEND WITH BRICK.
- 8" X 8" VENTS CORRESPOND TO 6" DIAMETER KITCHEN/BATHROOM/CLOTHES DRYER EXHAUST DUCTS.

10" x 10" PLASTIC LOUVERED WALL VENT CAP, COLOR TO BLEND WITH BRICK.
- 10" X 10" VENTS CORRESPOND TO 8" DIAMETER KITCHEN/BATHROOM/CLOTHES DRYER EXHAUST DUCTS.

NEW WORK ELEVATION HISTORIC NOTES

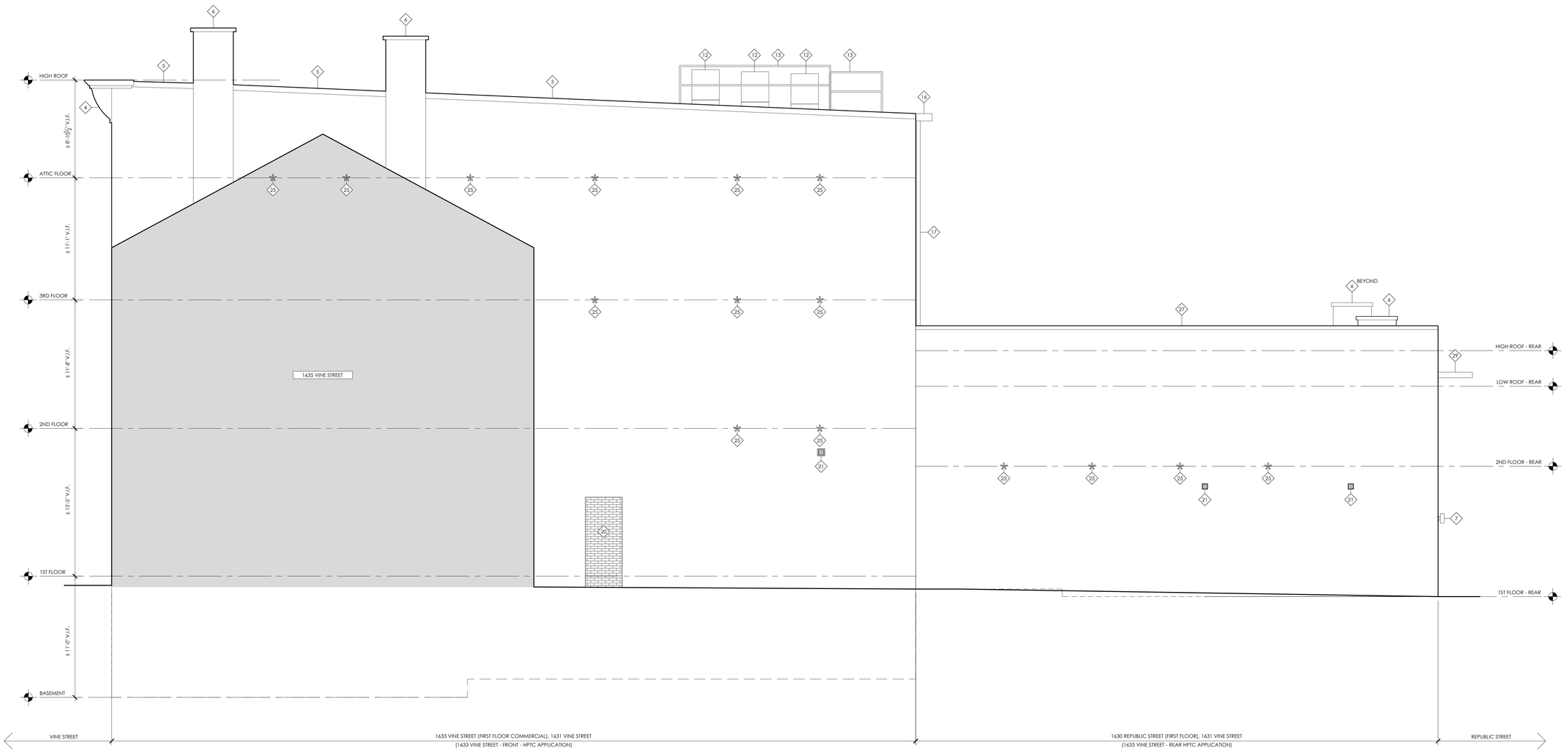
- REFER TO NEW WORK PLANS FOR ALL HISTORIC KEYNOTES AT EXISTING DOOR AND WINDOW OPENINGS AND OTHER HISTORIC EXTERIOR ELEMENTS.
- REFER TO APPROVED HISTORIC PRESERVATION CERTIFICATION APPLICATION PART 2 AND SPECIFICATIONS FOR MASONRY AND STONE REPAIR AND CLEANING.
- EXISTING UNPAINTED BRICK AND STONE TO REMAIN UNPAINTED. EXISTING PAINTED BRICK AND STONE TO BE REPAINTED.
- ALL COLORS TO BE SELECTED BY OWNER / ARCHITECT DURING CONSTRUCTION. BIDDERS ARE TO ASSUME MINIMUM 3 EXTERIOR PAINT COLORS PER BUILDING.
- ALL HISTORIC WINDOW SHUTTER HARDWARE SHOULD REMAIN (EVEN IF SHUTTER WAS PREVIOUSLY REMOVED) REPAIR, CLEAN, AND PAINT.

NEW WORK ELEVATION GENERAL NOTES

- REFER TO NEW WORK FLOOR PLANS FOR ALL DOOR TAGS.
- INSTALL NEW WINDOWS PER WINDOW SCHEDULE AND DETAILS. FOR HISTORIC WOOD BRICKMOULD TO REMAIN. PATCH TO MATCH HISTORIC WHERE MISSING, REPAIR TO MATCH HISTORIC WHERE DETERIORATED. PRIME AND PAINT.
- REVIEW. REPLACE ALL MISSING, CRACKED, ERODED, OR SPALLED BRICKS WITH SALVAGED HISTORIC BRICKS OR NEW BRICKS TO MATCH. EXERCISE CARE SO AS NOT TO DAMAGE ADJACENT HISTORIC BRICKS TO REMAIN. REPOINT ALL MISSING, DETERIORATED, OR SOFT MORTAR JOINTS IN ALL MASONRY. VERIFY COLOR MATCH WITH ARCHITECT PRIOR TO BEGINNING WORK.SEE STRUCTURAL DRAWING
- CONTRACTOR TO SURVEY MASONRY PRIOR TO BIDDING WORK TO QUANTIFY SCOPE OF REPAIR. CONTRACTOR SHALL SUBMIT UNIT PRICING FOR ADDITIONAL BRICK MASONRY REPAIRS NOT SHOWN ON STRUCTURAL DRAWINGS.
- INFILL EXISTING PENETRATIONS OF THE EXTERIOR MASONRY WALLS TO MATCH ADJACENT SURFACES.
- REPLACE CRACKED STONE LINTELS AND SILLS TO MATCH EXISTING. SEE STRUCTURAL DRAWINGS.
- PAINT ALL PREVIOUSLY PAINTED BRICK AND STONE MASONRY SURFACES. COLOR TO BE SELECTED BY ARCHITECT. ALL PREVIOUSLY UNPAINTED BRICK AND STONE MASONRY TO REMAIN UNPAINTED.
- PAINT HISTORIC CAST IRON, STONE AND WOOD STOREFRONT ELEMENTS. COLOR TO BE SELECTED BY ARCHITECT.
- PAINT HISTORIC ROOF CORNICE ELEMENTS. COLOR TO BE SELECTED BY ARCHITECT.
- VERIFY THE CONDITION OF INTERIOR WOOD LINTELS. REPAIR OR REPLACE AS REQUIRED.
- ALL CHIMNEYS & ASSOCIATED ELEMENTS ARE TO REMAIN, U.N.O. PROVIDE BRICK REPAIRS AS REQUIRED AND CAP IF NOT ALREADY CAPPED. VERIFY STRUCTURAL INTEGRITY IN FIELD - SEE NOTES ON STRUCTURAL DWGS.
- COORDINATE WITH MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR NEW PENETRATIONS (NEW PENETRATIONS FOR CONDUIT, DUCTS, PIPES, ETC. ARE NOT ILLUSTRATED ON THESE DRAWINGS).
- EXISTING FIRE ESCAPE TO REMAIN. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FIRE ESCAPE EXAMINATION INSPECTION AND REPAIRS PER CITY OF CINCINNATI. CLEAN AND PAINT.

NEW WORK ELEVATION KEYNOTES

1. HISTORIC CAST IRON/STONE STOREFRONT ELEMENTS TO REMAIN. REPAIR. CLEAN AND PAINT.
2. PROVIDE NEW CONCRETE CURB IF EXISTING CURB IS DETERIORATED, MISSING, OR REQUIRED FOR NEW SIDEWALK WORK OR NEW ACCESSIBLE ENTRANCE. SEE STRUCTURAL DRAWINGS.
3. PROVIDE NEW STOREFRONT KNEE WALL. REFER TO STOREFRONT DETAILS.
4. HISTORIC CORNICE, BRACKETS AND MOULDING TO REMAIN. REPAIR DETERIORATED ELEMENTS TO MATCH EXISTING. CLEAN AND PAINT.
5. REPLACE DETERIORATED WOOD RAKE BOARD. COLOR BY ARCHITECT.
6. PROVIDE NEW PREFINISHED ALUMINUM CAP OVER HISTORIC STONE CHIMNEY CAP. SLOPE TO SHED WATER. COLOR BY ARCHITECT.
7. NEW WALL-MOUNTED DECORATIVE OR SECURITY LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS.
8. HISTORIC WOOD BOX GUTTER TO REMAIN. REPAIR ALL DETERIORATED ELEMENTS. PRIME AND PAINT. PROVIDE NEW TPO ROOF MEMBRANE LINER AND SLOPE TO DRAIN TO NEW DOWNSPOUT LOCATION.
9. REPAIR STRUCTURE AT UNDERSIDE OF BAY WINDOW IF REQUIRED. PROVIDE NEW FIBER CEMENT PANEL AFTER REPAIR WORK IS COMPLETED. PAINT.
10. REINSTALL HISTORIC WOOD SHUTTERS. REPAIR AND PAINT. EXPOSED HARDWARE TO REMAIN. CLEAN AND PAINT.
11. EXISTING CAST IRON OR STONE STEP TO REMAIN. REPAIR AS REQUIRED.
12. NEW HVAC EQUIPMENT. REFER TO MECHANICAL DRAWINGS.
13. NEW 42" TALL STEEL GUARDRAIL WITH MEMBERS SPACED TO PREVENT PASSAGE OF 21" DIA. SPHERE. PAINT, COLOR BY ARCHITECT. REFER TO STRUCTURAL DRAWINGS FOR LOADING CRITERIA.
14. NEW 6' TALL ALUMINUM FENCE AND GATE.
15. NEW INTERCOM SYSTEM TIED TO ELECTRIC DOOR HARDWARE. REFER TO ELECTRICAL DRAWINGS.
16. NEW PRE-FINISHED ALUMINUM HUNG GUTTER.
17. NEW PRE-FINISHED ALUMINUM DOWNSPOUT. PROVIDE CAST IRON BOOT. EXTEND BOOT 6' ABOVE GRADE. CONNECT CONNECTION TO STORM LINE - SEE PLUMBING DRAWINGS.
18. PROVIDE NEW CONCRETE SLOPED SLAB TO ACCOMMODATE NEW ACCESSIBLE WALKWAY, SEE STRUCTURAL DRAWINGS.
19. EXIST NON-HISTORIC DOOR/WINDOW INFILL TO REMAIN. GENERAL CONTRACTOR SHALL VERIFY THE INTEGRITY OF THE EXISTING INFILL. REPAIR AND PAINT.
20. NEW BRICK MASONRY INFILL IN HISTORIC OPENING, RECESSED 2" FROM FACE OF ADJACENT MASONRY. NEW BRICK INFILL TO MATCH HISTORIC BRICK.
21. NEW EXHAUST LOUVERS. COLOR BY ARCHITECT.
22. NEW CONCRETE SLAB. SEE STRUCTURAL DRAWINGS.
23. EXISTING CONCRETE STEPS TO REMAIN. REPAIR AS REQUIRED.
24. PROVIDE NEW CONCRETE STEPS AT ENTRY. MAX. RISE 7"- MIN. RUN. 11". SEE STRUCTURAL DRAWINGS.
25. PROVIDE NEW MASONRY (STAR) WALL TIES. SEE STRUCTURAL DRAWINGS. PAINT TO MATCH WALL COLOR.
26. PROVIDE NEW CMU INFILL AT HISTORIC OPENING. RECESS 2" FROM FACE OF ADJACENT MASONRY. PROVIDE PARGE COAT AND PAINT.
27. EXIST. MASONRY PARAPET WITH TERRA COTTA COPING CAP. RESET IF REQUIRED. SEE NEW WORK ROOF PLAN.
28. EXISTING HISTORIC WOOD DOORS TO REMAIN IN THE CLOSED POSITION. REPAIR AND PAINT.
29. EXISTING STEEL HOIST BEAM TO REMAIN. VERIFY STRUCTURAL INTEGRITY. REPAIR AND PAINT.
30. PROVIDE NEW WOOD PANELED INFILL WALL WITH TRANSOMS ABOVE. SEE DETAIL.
31. EXISTING F.E. TO REMAIN. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FIRE ESCAPE EXAMINATION INSPECTION AND REPAIRS PER CITY OF CINCINNATI. CLEAN AND PAINT.
32. PROVIDE NEW DOOR OPENER PUSH PLATE W/ INTERNATIONAL SYMBOL OF ACCESSIBILITY, MOUNTED 48" MAXIMUM AFF. SEE NEW WORK PLAN FOR ADDITIONAL INFORMATION.
33. EXISTING WOOD CEILING ABOVE TO REMAIN. REPAIR AS REQ'D. PAINT.
34. USPS APPROVED RESIDENTIAL STYLE EXTERIOR GRADE LOCKABLE MAILBOX. MOUNT SO KEY IS 48" MAX ABOVE GRADE. SEE NEW WORK PLANS.
35. NEW STEEL BEAM WITH NEW COVERPLATES. COVERPLATES TO MATCH EXISTING. REFER TO STRUCTURAL.
36. CEMENT FIBER BOARD SHEET (HARDIE PANEL VERTICAL SIDING, SMOOTH, OR EQUAL). NO EXPOSED SEAMS. SEE WALL TYPE "N". PAINTED
37. 1X CEDAR TRIM, PAINTED.
38. ¾" CEDAR QUARTER ROUND AT PERIMETER OF OPENING, PAINTED.



1 A6.3 NEW WORK NORTH EXTERIOR ELEVATION
1/4" = 1'-0"

0 2 4 8 16

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RUSS ALLEY
1631- 1633 VINE STREET, 1630 REPUBLIC STREET
(1633 VINE STREET HPTC APPLICATION)
CINCINNATI, OH 45202

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NORTH EXTERIOR ELEVATION

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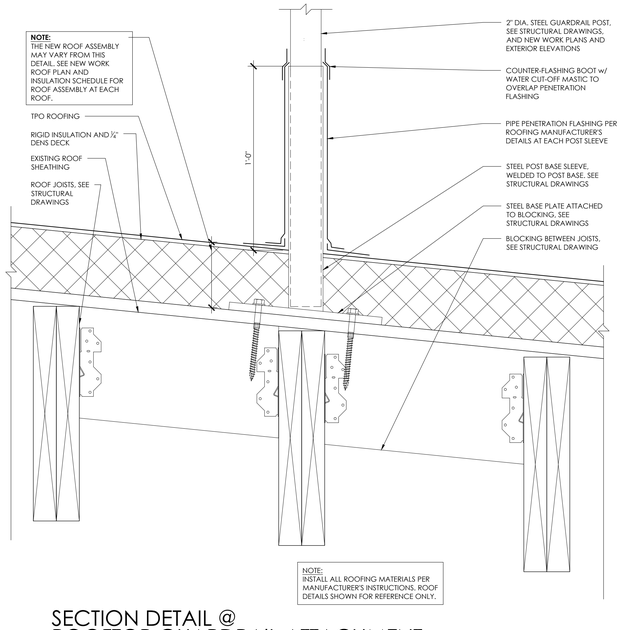
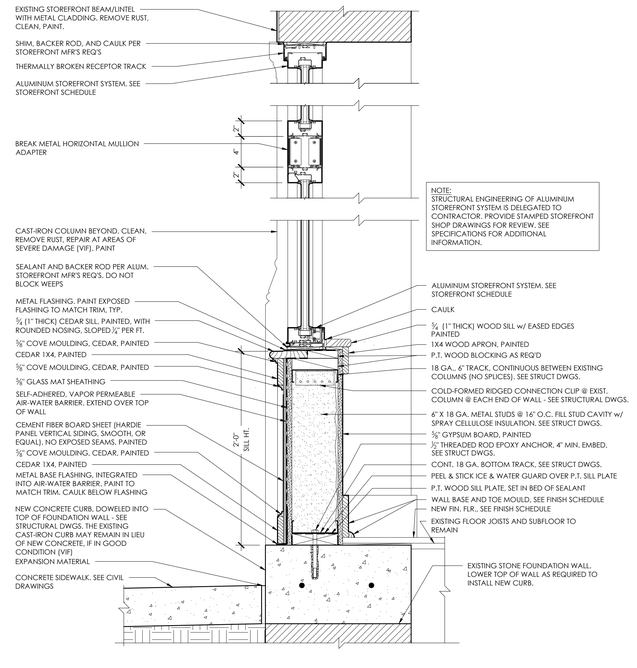


2 / A7.0 SECTION DETAIL @ ROOFTOP GUARDRAIL ATTACHMENT

3" = 1'-0"



1 / A7.0 SECTION DETAIL @ STOREFRONT & STOREFRONT BULKHEAD/KNEE WALL

1 1/2" = 1'-0"

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DETAILS

A7.0

PRELIMINARY:
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ENLARGED PLANS AND INTERIOR ELEVATION GENERAL NOTES

- TYPICAL ENLARGED PLANS AND INTERIOR ELEVATIONS ARE DIAGRAMMATIC AND ARE FOR REFERENCE ONLY. REFER TO NEW WORK PLANS FOR SPECIFIC LAYOUTS INCLUDING CABINET SIZES (INDICATED IN INCHES) AND TYPES.
- COORDINATE WALL FRAMING AT SHOWERS AND BATHTUBS WITH MANUFACTURERS' REQUIREMENTS.
- PROVIDE BLOCKING FOR WALL-HUNG ACCESSORIES. SEE SPECIFICATIONS.
- SEE MOLD & MOISTURE RESISTANT GYP. BOARD SCHEDULE ON A0.2 FOR ADDITIONAL INFORMATION.
- SEE PLUMBING DRAWINGS FOR PLUMBING FIXTURE SCHEDULE.
- IN ACCESSIBLE DWELLING UNITS, PROVIDE WALL SWITCHES FOR HOOD FAN & HOOD LIGHT IN ACCESSIBLE LOCATIONS OVER COUNTER. COORDINATE WITH ELECTRICAL DRAWINGS.
- NEW FLOORING TO EXTEND UNDER CABINETS.
- SEE ELECTRICAL DRAWINGS FOR ALL LIGHTING FIXTURES.
- BASE CABINETS AND WALL CABINETS TO HAVE FINISHED PANELS ON EXPOSED SIDES, TYPICAL.
- CABINET PULLS TO BE ANSI 117.1 COMPLIANT LOOP HANDLES. SEE SPECIFICATIONS.
- WHERE EXISTING WALL FRAMING OCCURS, VERIFY IN FIELD PRIOR TO ORDERING CABINETS AND OR BATHTUB/SHOWER BASES.

ENLARGED PLANS ANSI 117.1 ACCESSIBILITY CLEARANCES NOTES (SEE PLANS)

a. 60" X 18" MIN. BEYOND LATCH DOOR CLEARANCE ON PULL SIDE (FRONT APPROACH).
b. 48" X DOOR WIDTH DOOR CLEARANCE ON PUSH SIDE (FRONT APPROACH).
c. 48" X 24" MIN. BEYOND LATCH DOOR CLEARANCE ON PULL SIDE (LATCH APPROACH).
d. 30" X 48" CLEAR FLOOR SPACE AT REFRIGERATOR (SIDE APPROACH).
e. 30" X 48" CLEAR FLOOR SPACE AT COOKTOP (SIDE APPROACH).
f. 30" X 48" CLEAR FLOOR SPACE ADJACENT TO OVEN DOOR IN OPEN POSITION (SIDE APPROACH).
g. 30" X 48" CLEAR FLOOR SPACE AT WORK SPACE (FRONT APPROACH).
h. 30" X 48" CLEAR FLOOR SPACE AT KITCHEN SINK (FRONT APPROACH).
j. 30" X 60" CLEAR FLOOR SPACE AT ROLL-IN SHOWER.
k. 30" X 48" CLEAR FLOOR SPACE AT BATHROOM SINK (FRONT APPROACH).
l. 66" X 60" CLEAR FLOOR SPACE AT TOILET.
m. 30" X 48" CLEAR FLOOR SPACE.
n. 60" DIAMETER TURNING RADIUS.
o. 30" X 48" CLEAR FLOOR SPACE AT DISHWASHER (SIDE APPROACH).

ENLARGED PLANS AND INTERIOR ELEVATION KEYNOTES

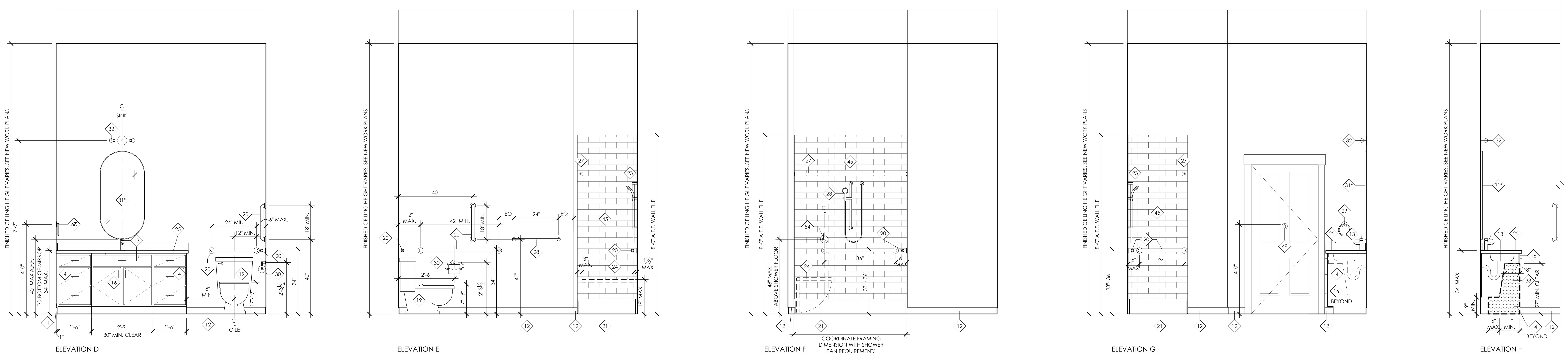
1. QUARTZ COUNTERTOP, SEE FINISH SCHEDULE ON A0.2 FOR ADDITIONAL INFO.
2. 24" DEEP BASE CABINET WITH DRAWER AND ADJUSTABLE SHELVING. BASIS OF DESIGN IS SMART CABINETRY WITH FULL PLYWOOD CONSTRUCTION UPGRADE. MAPLE WITH "POLAR WHITE" PAINTED FINISH. "FREEPORT" DOOR DESIGN.
3. 12" DEEP WALL CABINETS WITH ADJUSTABLE SHELVING. BASIS OF DESIGN IS SMART CABINETRY WITH FULL PLYWOOD CONSTRUCTION UPGRADE. MAPLE WITH "POLAR WHITE" PAINTED FINISH. "FREEPORT" DOOR DESIGN.
4. 21" DEEP VANITY BASE CABINET. PROVIDE 18" DEEP VANITY BASE CABINET WHERE VANITY (AND COUNTER) CAN NOT CLEAR DOOR TRIM OR 36" IS NOT ABLE TO BE MAINTAINED IN FRONT OF VANITY. BASIS OF DESIGN IS SMART CABINETRY WITH FULL PLYWOOD CONSTRUCTION UPGRADE. MAPLE WITH "POLAR WHITE" PAINTED FINISH. "FREEPORT" DOOR DESIGN.
5. 1 1/2" COUNTERTOP SUPPORT PANEL, FINISHED TO MATCH CABINETS.
6. KITCHEN SINK AND ANSI 117.1 COMPLIANT FAUCET W/ LEVER HANDLE. SINK IN ACCESSIBLE UNITS SHALL BE ANSI 117.1/ ADA COMPLIANT. SEE PLUMBING DWGS.
7. DROP-IN ELECTRIC RANGE. SEE ACCESSORY SCHEDULE.
8. ELECTRIC RANGE. SEE ACCESSORY SCHEDULE.
9. RECIRCULATING RANGE HOOD. SEE ACCESSORY SCHEDULE. IN ACCESSIBLE UNITS PROVIDE WALL SWITCHES FOR HOOD FAN AND HOOD LIGHT.
10. REFRIGERATOR, ANSI 117.1 / ADA COMPLIANT IN ACCESSIBLE UNITS. SEE ACCESSORY SCHEDULE.
11. PROVIDE FILLER PANEL TO MATCH CABINET FINISH.
12. WALL BASE, SEE FINISH SCHEDULE ON A0.2.
13. VANITY FAUCET AND SINK. PROVIDE ANSI 117.1/ ADA COMPLIANT LEVER HANDLE. SEE PLUMBING DWGS AND SPECIFICATIONS.
14. TILE BACKSPLASH, SEE FINISH SCHEDULE ON A0.2 FOR ADDITIONAL INFO.
15. 24" DEEP WALL-HUNG ANSI 117.1/ ADA COMPLIANT SINK CABINET WITH REMOVABLE FRONT. BASIS OF DESIGN IS SMART CABINETRY WITH FULL PLYWOOD CONSTRUCTION UPGRADE. MAPLE WITH "POLAR WHITE" PAINTED FINISH. "FREEPORT" DOOR DESIGN.
16. 21" DEEP WALL-HUNG ANSI 117.1/ ADA COMPLIANT VANITY CABINET WITH REMOVABLE FRONT. BASIS OF DESIGN IS SMART CABINETRY WITH FULL PLYWOOD CONSTRUCTION UPGRADE. MAPLE WITH "POLAR WHITE" PAINTED FINISH. "FREEPORT" DOOR DESIGN.
17. 13" DEEP FRAMED DRYWALL SOFFIT. SEE NEW WORK PLANS AND ELECTRICAL DWGS.
18. EXHAUST FAN. LOCATION VARIES - SEE MECH. DWGS.
19. FLOOR MOUNTED TOILET (ANSI 117.1/ ADA COMPLIANT IN ACCESSIBLE UNITS). SEE PLUMBING DWGS.
20. ANCHORED METAL GRAB BARS PER ANSI A117.1.
21. 30" X 60" ANSI 117.1/ ADA COMPLIANT ROLL-IN SHOWER W/ TILE SURROUND. SEE NEW WORK PLANS AND PLUMBING DWGS.
22. NOT USED.
23. HAND SHOWER WITH 59" LONG HOSE AND ADJUSTABLE HEIGHT MOUNTING BAR. TOP OF HAND SPRAYER @ 48" AFF IN LOWEST POSITION WITHIN ANSI TYPE 'A' UNITS. FOR ALL OTHER UNITS - MOUNT HAND SPRAYER @ 78" AFF IN HIGHEST POSITION.
24. FOLDING SHOWER SEAT PER ANSI A117.1. PROVIDE BLOCKING.
25. QUARTZ COUNTERTOP W/ 1/4" RADIUS AND 4" BACKSPLASH.
26. MICROWAVE (OVER THE RANGE) WITH RECIRCULATING HOOD. SEE APPLIANCE SCHEDULE
27. ANCHORED SHOWER CURTAIN ROD, MOUNTED @ 75" A.F.F. SEE ACCESSORIES SCHEDULE.
28. 24" TOWEL BAR. SEE ACCESSORIES SCHEDULE.
29. HAND TOWEL BAR. SEE ACCESSORIES SCHEDULE.
30. TOILET PAPER HOLDER. WHERE ATTACHED TO VANITY BASE, COORDINATE PLACEMENT WITH DRAWERS. SEE ACCESSORIES SCHEDULE.
31. VANITY MIRROR - CENTER ON VANITY. SEE ACCESSORIES SCHEDULE.
32. VANITY LIGHT. SEE ELECTRICAL DWGS.
33. PROVIDE REQUIRED KNEE AND TOE CLEARANCE PER ANSI 117.1 AT SINK AND WORKSPACE, AS INDICATED W/ HATCH AREA. PLUMBING SHALL NOT ENCROACH INTO KNEE AND TOE CLEAR AREA.
34. UNDER CABINET LIGHT. SEE ELECTRICAL DWGS.
35. ADA COMPLIANT ADJUSTABLE HEIGHT DISHWASHER. SEE APPLIANCE SCHEDULE.
36. THRESHOLD WITH BEVEL WHERE REQUIRED FOR FLOOR TRANSITION.
37. ADA COMPLIANT COUNTERTOP MICROWAVE. SEE APPLIANCE SCHEDULE.
38. 1-1/8" WOOD PANEL FRAME AND OPEN SHELVES ABOVE SOLID WOOD PANEL BASE. PAINT TO MATCH TRIM. GC TO COORD. W/ MILLWORK SUPPLIER.
39. NOT USED
40. FLUSH FLOOR DRAIN AT TYPE 'A' UNIT ROLL-IN SHOWER. SEE PLUMBING DWGS.
41. PROVIDE (5) EQUALLY SPACED PAINTED WOOD SHELVES. 3/4" BIRCH PLYWOOD w/ 1x2 EDGE TRIM.
42. TRIPLE ROD "HAIRPIN" STYLE METAL LEGS TO SUPPORT END OF COUNTERTOP, FINISH TO BE SELECTED BY ARCHITECT.
43. PENDANT LIGHT. SEE ELECTRICAL DRAWINGS.
44. 25" DEEP PANTRY CABINET
45. FULL HEIGHT WALL TILE AT TUB / SHOWER (MAX. HEIGHT 8'-0" AFF AT UNITS 13 & 14 @ 1624 REPUBLIC). PROVIDE SCHLUTER SCHEINE ALUMINUM TRIM AT ENDS. COLOR MATCH JOINT SEALANT W/ GROUT. GROUT COLOR TO BE SELECTED BY ARCHITECT.
46. SHOWER VALVE (AND TUB FILLER AT BATHTUB). CENTER ON SHOWER PAN / TUB DRAIN, TYP. SEE PLUMBING DWGS.
47. COMPOSITE SHOWER BASE, SEE PLUMBING DRAWINGS. WHERE INSTALLED AT EXISTING FRAMING, VERIFY IN FIELD PRIOR TO ORDERING.
48. ROBE HOOK CENTERED ON DOOR, MOUNT AT 5'-8" A.F.F (48" MAX IN ANSI TYPE 'A' UNITS). SEE ACCESSORIES SCHEDULE.
49. 30" BATHTUB - LENGTH VARIES. REFER TO PLUMBING DWGS. WHERE INSTALLED AT EXISTING FRAMING, VERIFY IN FIELD PRIOR TO ORDERING.
50. DISHWASHER. SEE APPLIANCE SCHEDULE.
51. EXHAUST FAN. LOCATION VARIES - SEE MECH. DWGS.
52. 26" (U.N.O.) FRAMED DRYWALL SOFFIT. SEE NEW WORK PLANS AND MEP DWGS.
53. POWER RECEPTACLE. REFER TO ELECTRICAL DWGS.
54. ANSI 117.1/ADA COMPLIANT SHOWER VALVE.

RESIDENTIAL APPLIANCES SCHEDULE

APPLIANCE	MANUFACTURER / MODEL NO. / ADDITIONAL NOTES
RANGE	AT ANSI TYPE 'A' UNITS: GENERAL ELECTRIC JD630STSS AT TYPICAL UNITS: GENERAL ELECTRIC JS645SLSS
HOOD	AT ANSI TYPE 'A' UNITS: GENERAL ELECTRIC JVX330SJSS
MICROWAVE	AT ANSI TYPE 'A' UNITS: GENERAL ELECTRIC PEM31SFSS AT TYPICAL UNITS: GENERAL ELECTRIC JVM6175SKSS
REFRIGERATOR	AT ANSI TYPE 'A' UNITS: GENERAL ELECTRIC GIE17GSN AT TYPICAL UNITS: GENERAL ELECTRIC GIE18GSNRSS
DISHWASHER	AT ANSI TYPE 'A' UNITS: GENERAL ELECTRIC GDT225SSLSS AT TYPICAL UNITS: GENERAL ELECTRIC GDF510PSRSS
STACKED WASHER AND DRYER	AT TYPICAL UNITS (WHERE INDICATED ON PLAN): GENERAL ELECTRIC GUD27EESNWW
FRONT LOAD WASHER	AT ANSI TYPE 'A' UNITS AND UNIT 201 AT 16 31 VINE GENERAL ELECTRIC GFW148SSMWW
FRONT LOAD DRYER	AT ANSI TYPE 'A' UNITS AND UNIT 201 AT 16 31 VINE GENERAL ELECTRIC GFD14ESSNWW
RISER AND DRIP PAN	AT ANSI TYPE 'A' UNITS: GENERAL ELECTRIC GAF140SSNWW

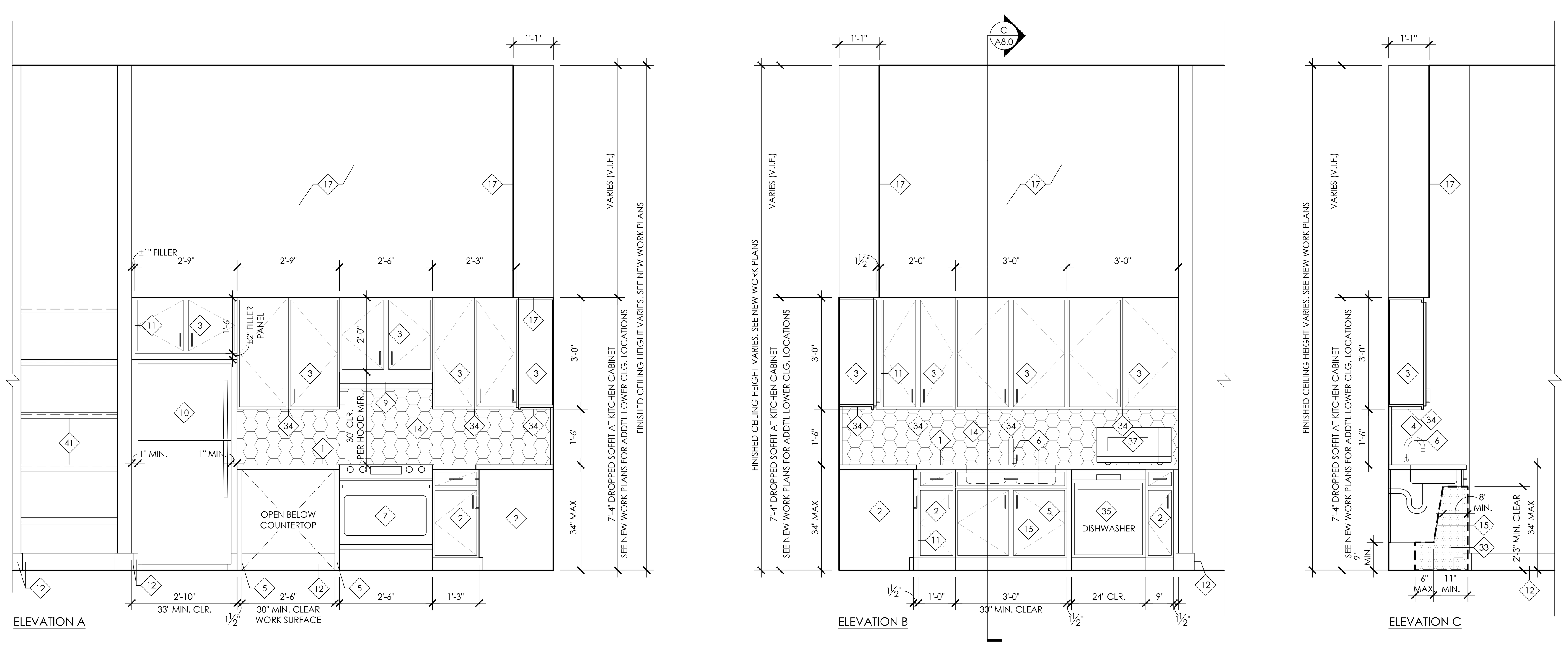
BATHROOM ACCESSORIES SCHEDULE

APPLIANCE	MANUFACTURER / MODEL NO. / ADDITIONAL NOTES
MIRROR	AT 24" WIDE VANITIES: IKEA LINDBYN 23-5/8" SQUARE BLACK (ITEM #305.072.05) AT 30" OR 36" WIDE VANITIES: IKEA LINDBYN 31-1/2" DIA. BLACK (ITEM #605.072.04) AT VANITIES IN ANSI TYPE 'A' UNITS: IKEA LINDBYN 23 5/8" X 47 1/4" BLACK (ITEM #105.072.06)
PAPER HOLDER	SYMMONS 'DIA' 353TP POLISHED CHROME
TOWEL RING	SYMMONS 'DIA' 353TR POLISHED CHROME
TOWEL BAR	SYMMONS 'DIA' 353TB-24 POLISHED CHROME
ROBE HOOK	SYMMONS 'DIA' 353RH POLISHED CHROME
CURTAIN ROD	VARIOUS LENGTHS REQ'D, COORDINATE WITH TUB / SHOWER SIZE. BASIS OF DESIGN IS SYMMONS 'DESIGN STUDIO' STRAIGHT SHOWER CURTAIN ROD, POLISHED CHROME.
SHOWER SHELF	SCHLUTER SES1D10MBW



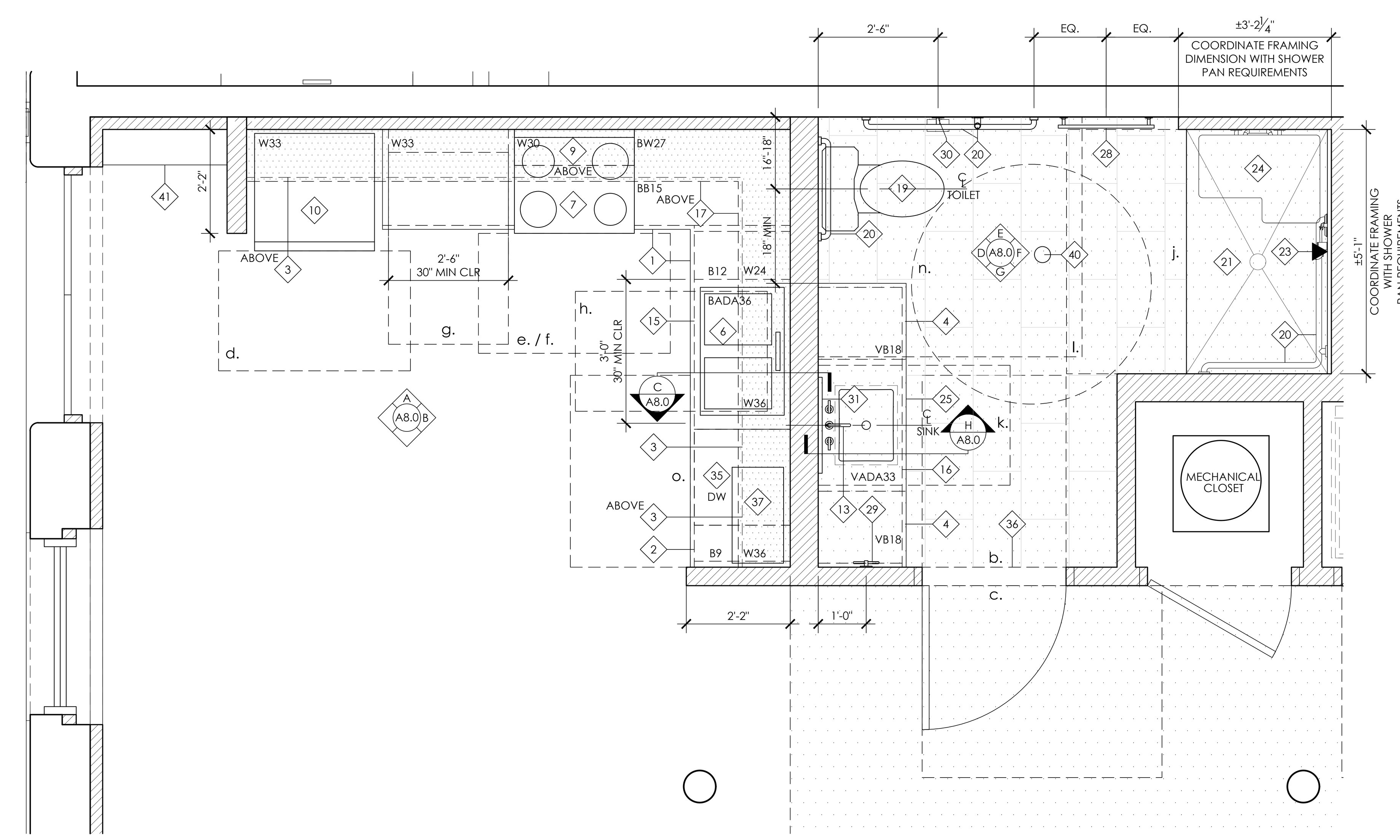
3 / A8.0 TYPICAL ANSI "TYPE A" ACCESSIBLE UNIT BATHROOM ELEVATIONS (UNIT 13 @1624 REPUBLIC)

1/2" = 1'-0"



2 / A8.0 TYPICAL ANSI "TYPE A" ACCESSIBLE UNIT KITCHEN ELEVATIONS (UNIT 13 @1624 REPUBLIC)

1/2" = 1'-0"



1 / A8.0 TYPICAL ANSI "TYPE A" ACCESSIBLE UNIT KITCHEN AND BATHROOM ENLARGED PLAN (UNIT 13 @1624 REPUBLIC)

1/2" = 1'-0"

NOT FOR CONSTRUCTION

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(1633 VINE STREET HPTC APPLICATION)
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3CDC CINCINNATI CENTER CITY DEVELOPMENT CORPORATION

ISSUE LOG:
06.02.2023 ISSUE FOR PERMIT
1 07.14.2023 PERMIT REVISION 1
09.21.2023 OHFA PRELIM. SUBMISSION

ENLARGED PLANS & INTERIOR ELEVATIONS

A8.0

PRELIMINARY: NOT FOR CONSTRUCTION

ENLARGED PLANS AND INTERIOR ELEVATION GENERAL NOTES

- TYPICAL ENLARGED PLANS AND INTERIOR ELEVATIONS ARE DIAGRAMMATIC AND ARE FOR REFERENCE ONLY. REFER TO NEW WORK PLANS FOR SPECIFIC LAYOUTS INCLUDING CABINET SIZES (INDICATED IN INCHES) AND TYPES.
- COORDINATE WALL FRAMING AT SHOWERS AND BATHTUBS WITH MANUFACTURERS' REQUIREMENTS.
- PROVIDE BLOCKING FOR WALL-HUNG ACCESSORIES. SEE SPECIFICATIONS.
- SEE MOLD & MOISTURE RESISTANT GYP. BOARD SCHEDULE ON A0.2 FOR ADDITIONAL INFORMATION.
- SEE PLUMBING DRAWINGS FOR PLUMBING FIXTURE SCHEDULE.
- IN ACCESSIBLE DWELLING UNITS, PROVIDE WALL SWITCHES FOR HOOD FAN & HOOD LIGHT IN ACCESSIBLE LOCATIONS OVER COUNTER. COORDINATE WITH ELECTRICAL DRAWINGS.
- NEW FLOORING TO EXTEND UNDER CABINETS.
- SEE ELECTRICAL DRAWINGS FOR ALL LIGHTING FIXTURES.
- BASE CABINETS AND WALL CABINETS TO HAVE FINISHED PANELS ON EXPOSED SIDES, TYPICAL.
- CABINET PULLS TO BE ANSI 117.1 COMPLIANT LOOP HANDLES. SEE SPECIFICATIONS.
- WHERE EXISTING WALL FRAMING OCCURS, VERIFY IN FIELD PRIOR TO ORDERING CABINETS AND OR BATHTUB/SHOWER BASES.

ENLARGED PLANS ANSI 117.1 ACCESSIBILITY CLEARANCES NOTES (SEE PLANS)

a. 60" X 18" MIN. BEYOND LATCH DOOR CLEARANCE ON PULL SIDE (FRONT APPROACH).
b. 48" X DOOR WIDTH DOOR CLEARANCE ON PUSH SIDE (FRONT APPROACH).
c. 48" X 24" MIN. BEYOND LATCH DOOR CLEARANCE ON PULL SIDE (LATCH APPROACH).
d. 30" X 48" CLEAR FLOOR SPACE AT REFRIGERATOR (SIDE APPROACH).
e. 30" X 48" CLEAR FLOOR SPACE AT COOKTOP (SIDE APPROACH).
f. 30" X 48" CLEAR FLOOR SPACE ADJACENT TO OVEN DOOR IN OPEN POSITION (SIDE APPROACH).
g. 30" X 48" CLEAR FLOOR SPACE AT WORK SPACE (FRONT APPROACH).
h. 30" X 48" CLEAR FLOOR SPACE AT KITCHEN SINK (FRONT APPROACH).
j. 30" X 60" CLEAR FLOOR SPACE AT ROLL-IN SHOWER.
k. 30" X 48" CLEAR FLOOR SPACE AT BATHROOM SINK (FRONT APPROACH).
l. 66" X 60" CLEAR FLOOR SPACE AT TOILET.
m. 30" X 48" CLEAR FLOOR SPACE.
n. 60" DIAMETER TURNING RADIUS.
o. 30" X 48" CLEAR FLOOR SPACE AT DISHWASHER (SIDE APPROACH).

ENLARGED PLANS AND INTERIOR ELEVATION KEYNOTES

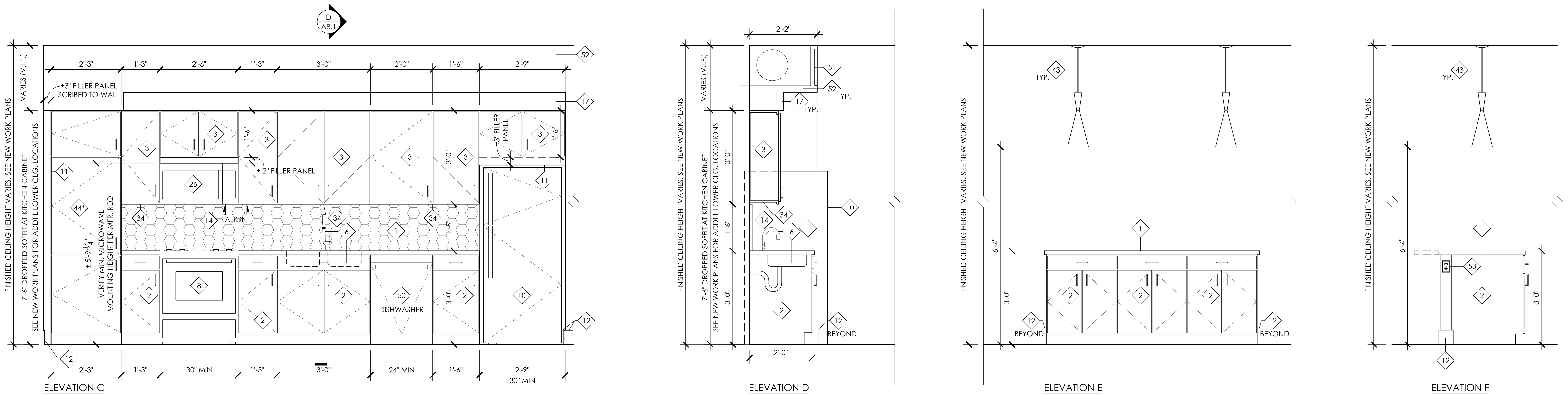
1. QUARTZ COUNTERTOP, SEE FINISH SCHEDULE ON A0.2 FOR ADDITIONAL INFO.
2. 24" DEEP BASE CABINET WITH DRAWER AND ADJUSTABLE SHELVING. BASIS OF DESIGN IS SMART CABINETRY WITH FULL PLYWOOD CONSTRUCTION UPGRADE. MAPLE WITH "POLAR WHITE" PAINTED FINISH. "FREEPORT" DOOR DESIGN.
3. 12" DEEP WALL CABINETS WITH ADJUSTABLE SHELVING. BASIS OF DESIGN IS SMART CABINETRY WITH FULL PLYWOOD CONSTRUCTION UPGRADE. MAPLE WITH "POLAR WHITE" PAINTED FINISH. "FREEPORT" DOOR DESIGN.
4. 21" DEEP VANITY BASE CABINET. PROVIDE 18" DEEP VANITY BASE CABINET WHERE VANITY (AND COUNTER) CAN NOT CLEAR DOOR TRIM OR 36" IS NOT ABLE TO BE MAINTAINED IN FRONT OF VANITY. BASIS OF DESIGN IS SMART CABINETRY WITH FULL PLYWOOD CONSTRUCTION UPGRADE. MAPLE WITH "POLAR WHITE" PAINTED FINISH. "FREEPORT" DOOR DESIGN.
5. 1 1/2" COUNTERTOP SUPPORT PANEL, FINISHED TO MATCH CABINETS.
6. KITCHEN SINK AND ANSI 117.1 COMPLIANT FAUCET W/ LEVER HANDLE. SINK IN ACCESSIBLE UNITS SHALL BE ANSI 117.1/ ADA COMPLIANT. SEE PLUMBING DWGS.
7. DROP-IN ELECTRIC RANGE. SEE ACCESSORY SCHEDULE.
8. ELECTRIC RANGE. SEE ACCESSORY SCHEDULE.
9. RECIRCULATING RANGE HOOD. SEE ACCESSORY SCHEDULE. IN ACCESSIBLE UNITS PROVIDE WALL SWITCHES FOR HOOD FAN AND HOOD LIGHT.
10. REFRIGERATOR, ANSI 117.1 / ADA COMPLIANT IN ACCESSIBLE UNITS. SEE ACCESSORY SCHEDULE.
11. PROVIDE FILLER PANEL TO MATCH CABINET FINISH.
12. WALL BASE, SEE FINISH SCHEDULE ON A0.2.
13. VANITY FAUCET AND SINK. PROVIDE ANSI 117.1/ ADA COMPLIANT LEVER HANDLE. SEE PLUMBING DWGS AND SPECIFICATIONS.
14. TILE BACKSPLASH, SEE FINISH SCHEDULE ON A0.2 FOR ADDITIONAL INFO.
15. 24" DEEP WALL-HUNG ANSI 117.1/ ADA COMPLIANT SINK CABINET WITH REMOVABLE FRONT. BASIS OF DESIGN IS SMART CABINETRY WITH FULL PLYWOOD CONSTRUCTION UPGRADE. MAPLE WITH "POLAR WHITE" PAINTED FINISH. "FREEPORT" DOOR DESIGN.
16. 21" DEEP WALL-HUNG ANSI 117.1/ ADA COMPLIANT VANITY CABINET WITH REMOVABLE FRONT. BASIS OF DESIGN IS SMART CABINETRY WITH FULL PLYWOOD CONSTRUCTION UPGRADE. MAPLE WITH "POLAR WHITE" PAINTED FINISH. "FREEPORT" DOOR DESIGN.
17. 13" DEEP FRAMED DRYWALL SOFFIT. SEE NEW WORK PLANS AND ELECTRICAL DWGS.
18. EXHAUST FAN. LOCATION VARIES - SEE MECH. DWGS.
19. FLOOR MOUNTED TOILET (ANSI 117.1/ ADA COMPLIANT IN ACCESSIBLE UNITS). SEE PLUMBING DWGS.
20. ANCHORED METAL GRAB BARS PER ANSI A117.1.
21. 30" X 60" ANSI 117.1/ ADA COMPLIANT ROLL-IN SHOWER W/ TILE SURROUND. SEE NEW WORK PLANS AND PLUMBING DWGS.
22. NOT USED.
23. HAND SHOWER WITH 59" LONG HOSE AND ADJUSTABLE HEIGHT MOUNTING BAR. TOP OF HAND SPRAYER @ 48" AFF IN LOWEST POSITION WITHIN ANSI TYPE 'A' UNITS. FOR ALL OTHER UNITS - MOUNT HAND SPRAYER @ 78" AFF IN HIGHEST POSITION.
24. FOLDING SHOWER SEAT PER ANSI A117.1. PROVIDE BLOCKING.
25. QUARTZ COUNTERTOP W/ 1/4" RADIUS AND 4" BACKSPLASH.
26. MICROWAVE (OVER THE RANGE) WITH RECIRCULATING HOOD. SEE APPLIANCE SCHEDULE
27. ANCHORED SHOWER CURTAIN ROD, MOUNTED @ 75" A.F.F. SEE ACCESSORIES SCHEDULE.
28. 24" TOWEL BAR. SEE ACCESSORIES SCHEDULE.
29. HAND TOWEL BAR. SEE ACCESSORIES SCHEDULE.
30. TOILET PAPER HOLDER. WHERE ATTACHED TO VANITY BASE, COORDINATE PLACEMENT WITH DRAWERS. SEE ACCESSORIES SCHEDULE.
31. VANITY MIRROR - CENTER ON VANITY. SEE ACCESSORIES SCHEDULE.
32. VANITY LIGHT. SEE ELECTRICAL DWGS.
33. PROVIDE REQUIRED KNEE AND TOE CLEARANCE PER ANSI 117.1 AT SINK AND WORKSPACE, AS INDICATED W/ HATCH AREA. PLUMBING SHALL NOT ENCROACH INTO KNEE AND TOE CLEAR AREA.
34. UNDER CABINET LIGHT. SEE ELECTRICAL DWGS.
35. ADA COMPLIANT ADJUSTABLE HEIGHT DISHWASHER. SEE APPLIANCE SCHEDULE.
36. THRESHOLD WITH BEVEL WHERE REQUIRED FOR FLOOR TRANSITION.
37. ADA COMPLIANT COUNTERTOP MICROWAVE. SEE APPLIANCE SCHEDULE.
38. 1-1/8" WOOD PANEL FRAME AND OPEN SHELVES ABOVE SOLID WOOD PANEL BASE. PAINT TO MATCH TRIM. GC TO COORD. W/ MILLWORK SUPPLIER.
39. NOT USED
40. FLUSH FLOOR DRAIN AT TYPE 'A' UNIT ROLL-IN SHOWER. SEE PLUMBING DWGS.
41. PROVIDE (5) EQUALLY SPACED PAINTED WOOD SHELVES. 3/4" BIRCH PLYWOOD w/ 1x2 EDGE TRIM.
42. TRIPLE ROD "HAIRPIN" STYLE METAL LEGS TO SUPPORT END OF COUNTERTOP, FINISH TO BE SELECTED BY ARCHITECT.
43. PENDANT LIGHT. SEE ELECTRICAL DRAWINGS.
44. 25" DEEP PANTRY CABINET
45. FULL HEIGHT WALL TILE AT TUB / SHOWER (MAX. HEIGHT 8'-0" AFF AT UNITS 13 & 14 @ 1624 REPUBLIC). PROVIDE SCHLUTER SCHEINE ALUMINUM TRIM AT ENDS. COLOR MATCH JOINT SEALANT W/ GROUT. GROUT COLOR TO BE SELECTED BY ARCHITECT.
46. SHOWER VALVE (AND TUB FILLER AT BATHTUB). CENTER ON SHOWER PAN / TUB DRAIN, TYP. SEE PLUMBING DWGS.
47. COMPOSITE SHOWER BASE, SEE PLUMBING DRAWINGS. WHERE INSTALLED AT EXISTING FRAMING, VERIFY IN FIELD PRIOR TO ORDERING.
48. ROBE HOOK CENTERED ON DOOR, MOUNT AT 5'-8" A.F.F (48" MAX IN ANSI TYPE 'A' UNITS). SEE ACCESSORIES SCHEDULE.
49. 30" BATHTUB - LENGTH VARIES. REFER TO PLUMBING DWGS. WHERE INSTALLED AT EXISTING FRAMING, VERIFY IN FIELD PRIOR TO ORDERING.
50. DISHWASHER. SEE APPLIANCE SCHEDULE.
51. EXHAUST FAN. LOCATION VARIES - SEE MECH. DWGS.
52. 26" (U.N.O.) FRAMED DRYWALL SOFFIT. SEE NEW WORK PLANS AND MEP DWGS.
53. POWER RECEPTACLE. REFER TO ELECTRICAL DWGS.
54. ANSI 117.1/ADA COMPLIANT SHOWER VALVE.

RESIDENTIAL APPLIANCES SCHEDULE

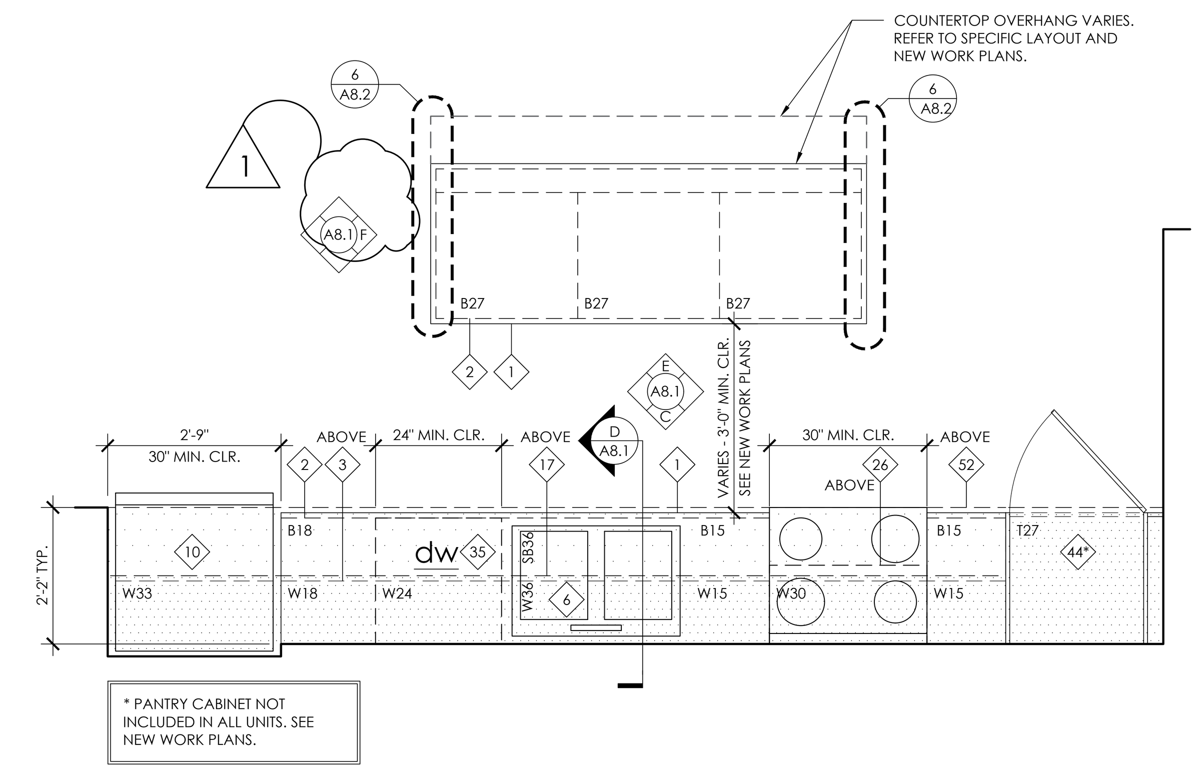
APPLIANCE	MANUFACTURER / MODEL NO. / ADDITIONAL NOTES
RANGE	AT ANSI TYPE 'A' UNITS: GENERAL ELECTRIC JD630STSS AT TYPICAL UNITS: GENERAL ELECTRIC JS645SLSS
HOOD	AT ANSI TYPE 'A' UNITS: GENERAL ELECTRIC JVX330SJSS
MICROWAVE	AT ANSI TYPE 'A' UNITS: GENERAL ELECTRIC PEM31SFSS AT TYPICAL UNITS: GENERAL ELECTRIC JVM6175SKSS
REFRIGERATOR	AT ANSI TYPE 'A' UNITS: GENERAL ELECTRIC GIE17GSN AT TYPICAL UNITS: GENERAL ELECTRIC GIE18GSNRSS
DISHWASHER	AT ANSI TYPE 'A' UNITS: GENERAL ELECTRIC GDT225SSLSS AT TYPICAL UNITS: GENERAL ELECTRIC GDF510PSRSS
STACKED WASHER AND DRYER	AT TYPICAL UNITS (WHERE INDICATED ON PLAN): GENERAL ELECTRIC GUD27EESNWW
FRONT LOAD WASHER	AT ANSI TYPE 'A' UNITS AND UNIT 201 AT 16 31 VINE GENERAL ELECTRIC GFW148SSMWW
FRONT LOAD DRYER	AT ANSI TYPE 'A' UNITS AND UNIT 201 AT 16 31 VINE GENERAL ELECTRIC GFD14ESSNWW
RISER AND DRIP PAN	AT ANSI TYPE 'A' UNITS: GENERAL ELECTRIC GAF140SSNWW

BATHROOM ACCESSORIES SCHEDULE

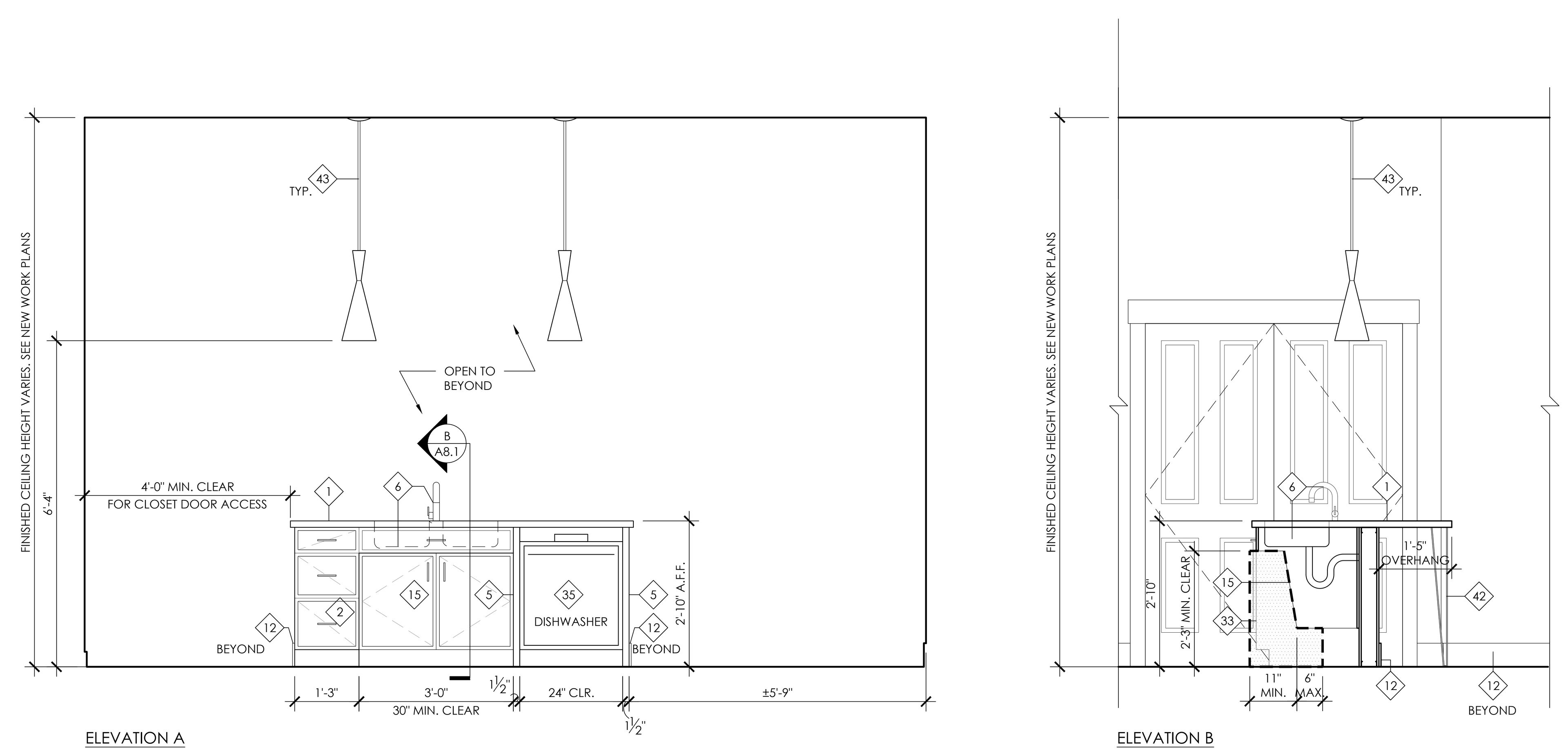
APPLIANCE	MANUFACTURER / MODEL NO. / ADDITIONAL NOTES
MIRROR	AT 24" WIDE VANITIES: IKEA LINDBYN 23-5/8" SQUARE BLACK (ITEM #305.072.05) AT 30" OR 36" WIDE VANITIES: IKEA LINDBYN 31-1/2" DIA. BLACK (ITEM #605.072.04) AT VANITIES IN ANSI TYPE 'A' UNITS: IKEA LINDBYN 23 5/8" X 47 1/4" BLACK (ITEM #105.072.06)
PAPER HOLDER	SYMMONS 'DIA' 353TP POLISHED CHROME
TOWEL RING	SYMMONS 'DIA' 353TR POLISHED CHROME
TOWEL BAR	SYMMONS 'DIA' 353TB-24 POLISHED CHROME
ROBE HOOK	SYMMONS 'DIA' 353RH POLISHED CHROME
CURTAIN ROD	VARIOUS LENGTHS REQ'D, COORDINATE WITH TUB / SHOWER SIZE. BASIS OF DESIGN IS SYMMONS 'DESIGN STUDIO' STRAIGHT SHOWER CURTAIN ROD, POLISHED CHROME.
SHOWER SHELF	SCHLUTER SES1D10MBW



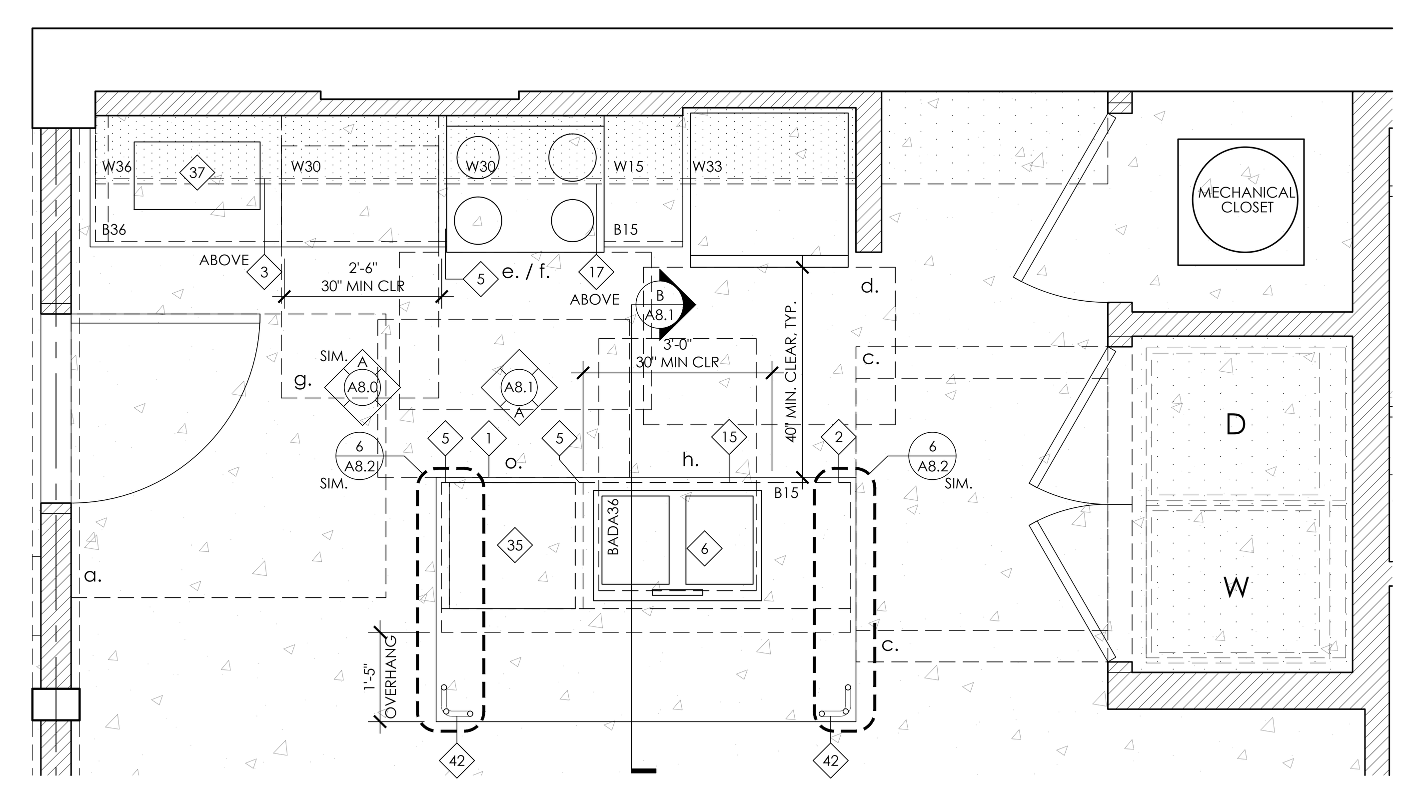
TYPICAL UNIT KITCHEN (W/ ISLAND) ELEVATIONS (UNIT 5 @1623 VINE)
4 A8.1
1/2" = 1'-0"



TYPICAL UNIT KITCHEN (W/ ISLAND) ENLARGED PLAN (UNIT 5 @1623 VINE)
3 A8.1
1/2" = 1'-0"



TYPICAL ANSI "TYPE A" ACCESSIBLE UNIT KITCHEN ELEVATIONS (W/ ISLAND) (UNIT 101 @1630 REPUBLIC)
2 A8.1
1/2" = 1'-0"



TYPICAL ANSI "TYPE A" ACCESSIBLE UNIT KITCHEN (W/ ISLAND) ENLARGED PLAN (UNIT 101 @ 1630 REPUBLIC)
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21. 30" X 60" ANSI 117.1/ ADA COMPLIANT ROLL-IN SHOWER W/ TILE SURROUND. SEE NEW WORK PLANS AND PLUMBING DWGS.
22. NOT USED.
23. HAND SHOWER WITH 59" LONG HOSE AND ADJUSTABLE HEIGHT MOUNTING BAR. TOP OF HAND SPRAYER @ 48" AFF IN LOWEST POSITION WITHIN ANSI TYPE 'A' UNITS. FOR ALL OTHER UNITS - MOUNT HAND SPRAYER @ 78" AFF IN HIGHEST POSITION.
24. FOLDING SHOWER SEAT PER ANSI A117.1. PROVIDE BLOCKING.
25. QUARTZ COUNTERTOP W/ 1/4" RADIUS AND 4" BACKSPLASH.
26. MICROWAVE (OVER THE RANGE) WITH RECIRCULATING HOOD. SEE APPLIANCE SCHEDULE
27. ANCHORED SHOWER CURTAIN ROD, MOUNTED @ 75" A.F.F. SEE ACCESSORIES SCHEDULE.
28. 24" TOWEL BAR. SEE ACCESSORIES SCHEDULE.
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30. TOILET PAPER HOLDER. WHERE ATTACHED TO VANITY BASE, COORDINATE PLACEMENT WITH DRAWERS. SEE ACCESSORIES SCHEDULE.
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34. UNDER CABINET LIGHT. SEE ELECTRICAL DWGS.
35. ADA COMPLIANT ADJUSTABLE HEIGHT DISHWASHER. SEE APPLIANCE SCHEDULE.
36. THRESHOLD WITH BEVEL WHERE REQUIRED FOR FLOOR TRANSITION.
37. ADA COMPLIANT COUNTERTOP MICROWAVE. SEE APPLIANCE SCHEDULE.
38. 1-1/8" WOOD PANEL FRAME AND OPEN SHELVES ABOVE SOLID WOOD PANEL BASE. PAINT TO MATCH TRIM. GC TO COORD. W/ MILLWORK SUPPLIER.
39. NOT USED
40. FLUSH FLOOR DRAIN AT TYPE 'A' UNIT ROLL-IN SHOWER. SEE PLUMBING DWGS.
41. PROVIDE (5) EQUALLY SPACED PAINTED WOOD SHELVES. 3/4" BIRCH PLYWOOD w/ 1x2 EDGE TRIM.
42. TRIPLE ROD "HAIRPIN" STYLE METAL LEGS TO SUPPORT END OF COUNTERTOP, FINISH TO BE SELECTED BY ARCHITECT.
43. PENDANT LIGHT. SEE ELECTRICAL DRAWINGS.
44. 25" DEEP PANTRY CABINET
45. FULL HEIGHT WALL TILE AT TUB / SHOWER (MAX. HEIGHT 8'-0" AFF AT UNITS 13 & 14 @ 1624 REPUBLIC). PROVIDE SCHLUTER SCHEINE ALUMINUM TRIM AT ENDS. COLOR MATCH JOINT SEALANT W/ GROUT. GROUT COLOR TO BE SELECTED BY ARCHITECT.
46. SHOWER VALVE (AND TUB FILLER AT BATHTUB). CENTER ON SHOWER PAN / TUB DRAIN, TYP. SEE PLUMBING DWGS.
47. COMPOSITE SHOWER BASE, SEE PLUMBING DRAWINGS. WHERE INSTALLED AT EXISTING FRAMING, VERIFY IN FIELD PRIOR TO ORDERING.
48. ROBE HOOK CENTERED ON DOOR, MOUNT AT 5'-8" A.F.F (48" MAX IN ANSI TYPE 'A' UNITS). SEE ACCESSORIES SCHEDULE.
49. 30" BATHTUB - LENGTH VARIES. REFER TO PLUMBING DWGS. WHERE INSTALLED AT EXISTING FRAMING, VERIFY IN FIELD PRIOR TO ORDERING.
50. DISHWASHER. SEE APPLIANCE SCHEDULE.
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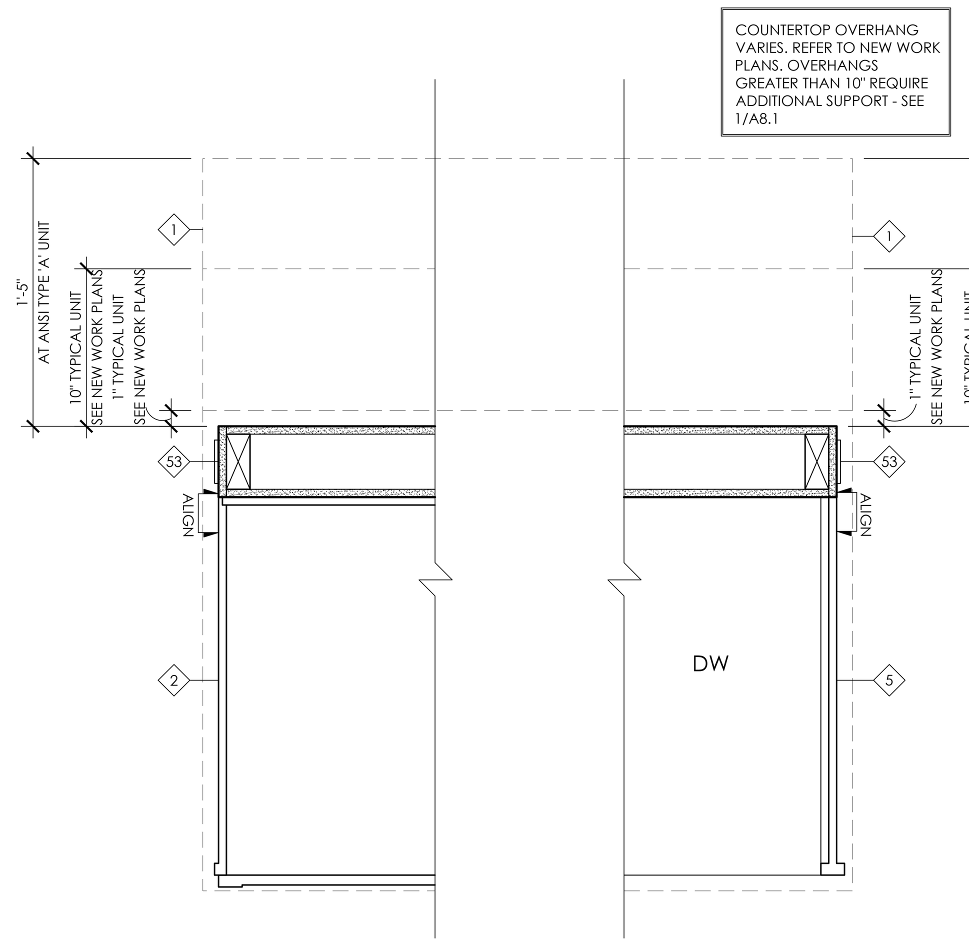
54. ANSI 117.1/ADA COMPLIANT SHOWER VALVE.

RESIDENTIAL APPLIANCES SCHEDULE

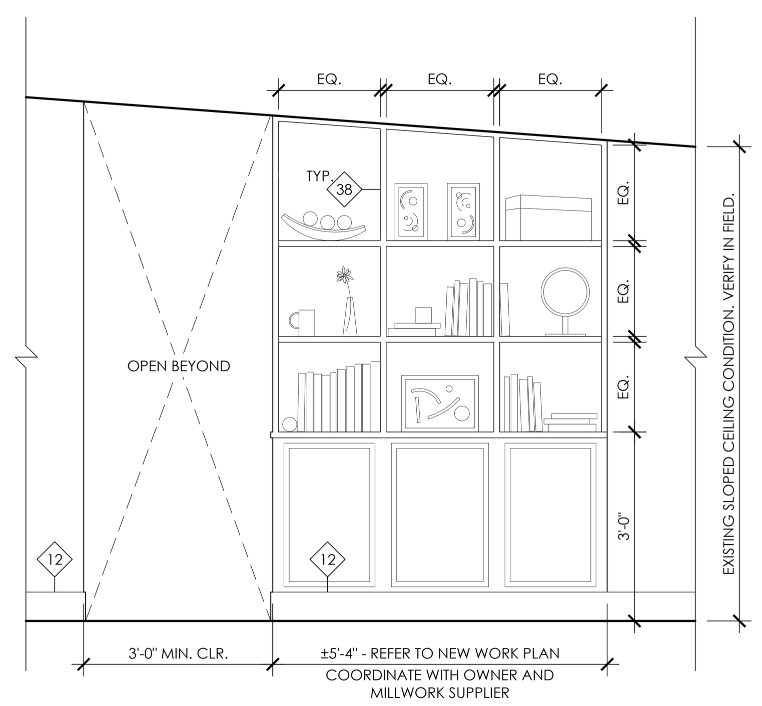
APPLIANCE	MANUFACTURER / MODEL NO. / ADDITIONAL NOTES
RANGE	AT ANSI TYPE 'A' UNITS: GENERAL ELECTRIC JD630STSS AT TYPICAL UNITS: GENERAL ELECTRIC JS645SLSS
HOOD	AT ANSI TYPE 'A' UNITS: GENERAL ELECTRIC JVX330SJSS
MICROWAVE	AT ANSI TYPE 'A' UNITS: GENERAL ELECTRIC PEM31SFSS AT TYPICAL UNITS: GENERAL ELECTRIC JVM6175SKSS
REFRIGERATOR	AT ANSI TYPE 'A' UNITS: GENERAL ELECTRIC GIE17GSN AT TYPICAL UNITS: GENERAL ELECTRIC GIE18GSNRSS
DISHWASHER	AT ANSI TYPE 'A' UNITS: GENERAL ELECTRIC GDT225SSLSS AT TYPICAL UNITS: GENERAL ELECTRIC GDF510PSRSS
STACKED WASHER AND DRYER	AT TYPICAL UNITS (WHERE INDICATED ON PLAN): GENERAL ELECTRIC GUD27EESNWW
FRONT LOAD WASHER	AT ANSI TYPE 'A' UNITS AND UNIT 201 AT 16 31 VINE GENERAL ELECTRIC GFW148SSMWW
FRONT LOAD DRYER	AT ANSI TYPE 'A' UNITS AND UNIT 201 AT 16 31 VINE GENERAL ELECTRIC GFD14ESSNWW
RISER AND DRIP PAN	AT ANSI TYPE 'A' UNITS: GENERAL ELECTRIC GAF140SSNWW

BATHROOM ACCESSORIES SCHEDULE

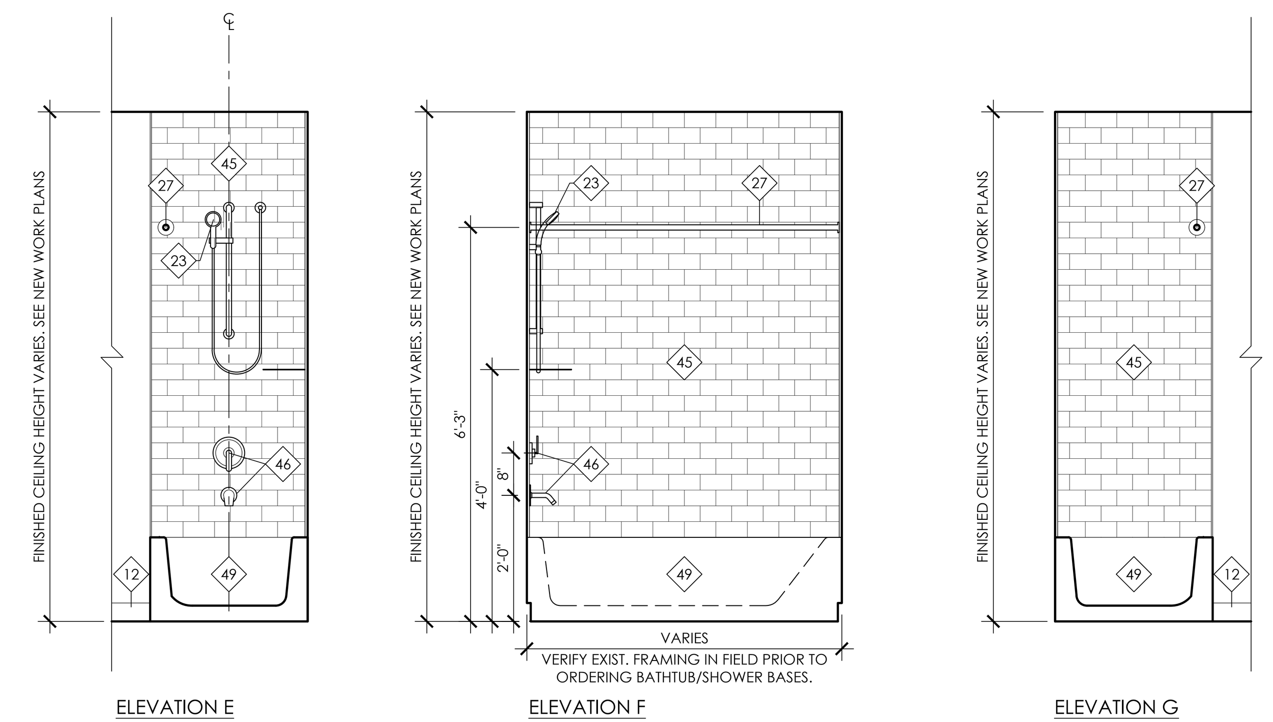
APPLIANCE	MANUFACTURER / MODEL NO. / ADDITIONAL NOTES
MIRROR	AT 24" WIDE VANITIES: IKEA LINDBYN 23-5/8" SQUARE BLACK (ITEM #305.072.05) AT 30" OR 36" WIDE VANITIES: IKEA LINDBYN 31-1/2" DIA. BLACK (ITEM #605.072.04) AT VANITIES IN ANSI TYPE 'A' UNITS: IKEA LINDBYN 23 5/8" X 47 1/4" BLACK (ITEM #105.072.06)
PAPER HOLDER	SYMMONS 'DIA' 353TP POLISHED CHROME
TOWEL RING	SYMMONS 'DIA' 353TR POLISHED CHROME
TOWEL BAR	SYMMONS 'DIA' 353TB-24 POLISHED CHROME
ROBE HOOK	SYMMONS 'DIA' 353RH POLISHED CHROME
CURTAIN ROD	VARIOUS LENGTHS REQ'D, COORDINATE WITH TUB / SHOWER SIZE. BASIS OF DESIGN IS SYMMONS 'DESIGN STUDIO' STRAIGHT SHOWER CURTAIN ROD, POLISHED CHROME.
SHOWER SHELF	SCHLUTER SES1D10MBW



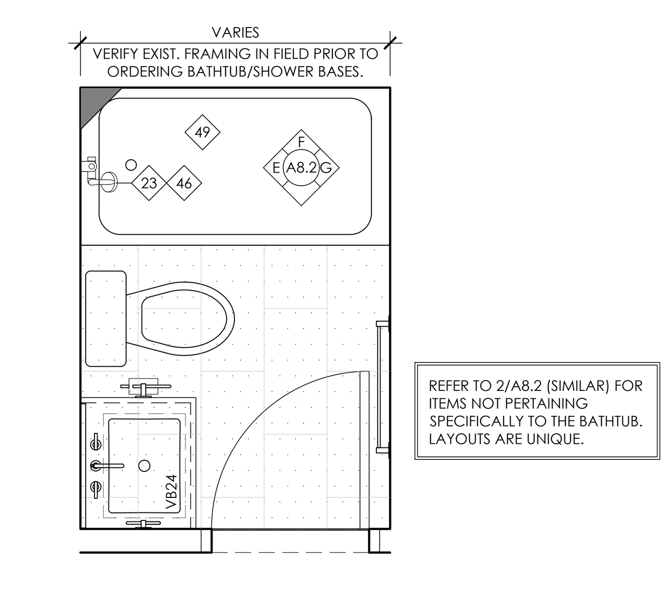
6 A8.2 TYP. KITCHEN ISLAND PLAN DETAILS
1-1/2" = 1'-0"



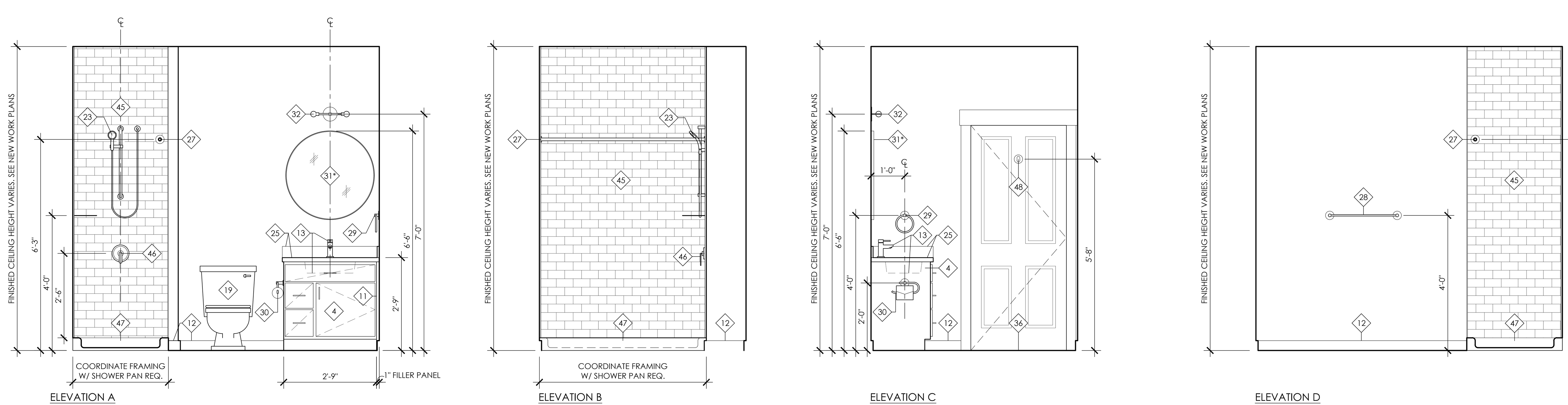
5 A8.2 BUILT-IN SHELVING ELEVATION UNIT 201 - 1631 VINE ST.
1-1/2" = 1'-0"



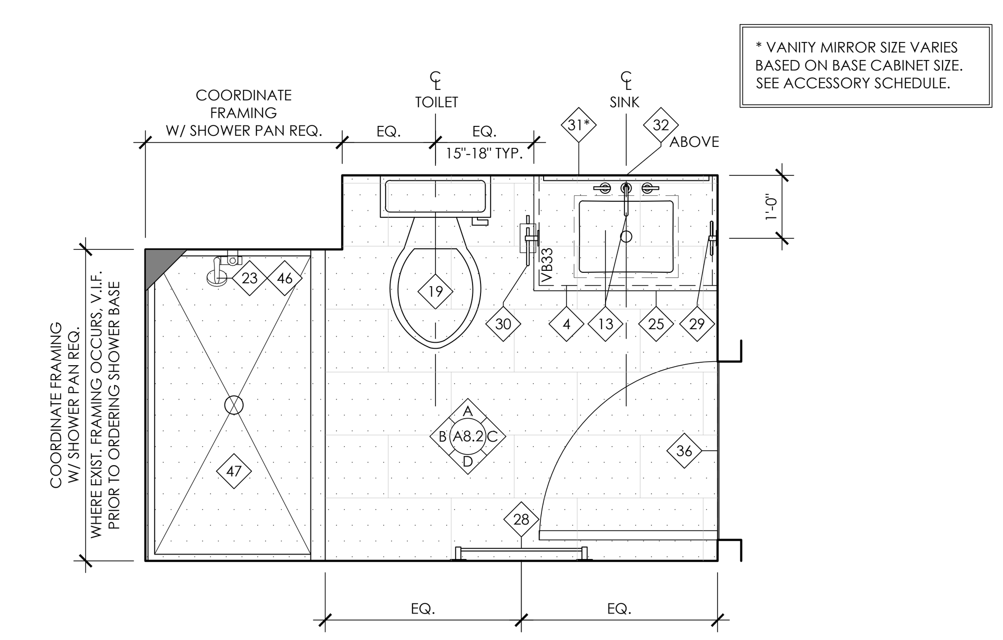
4 A8.2 TYPICAL UNIT BATHROOM (W/ BATHTUB) ELEVATIONS (UNIT 5 @1623 VINE)
1/2" = 1'-0"



3 A8.2 TYPICAL UNIT BATHROOM (W/ BATHTUB) ENLARGED PLAN (UNIT 5 @1623 VINE)
1/2" = 1'-0"



2 A8.2 TYPICAL UNIT BATHROOM (W/ SHOWER) ELEVATIONS (UNIT 203 @1631 VINE)
1/2" = 1'-0"



1 A8.2 TYPICAL UNIT BATHROOM (W/ SHOWER) ENLARGED PLAN (UNIT 203 @1631 VINE)
1/2" = 1'-0"

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ISSUE LOG:
06.02.2023 ISSUE FOR PERMIT
1 07.14.2023 PERMIT REVISION 1
09.21.2023 OHFA PRELIM. SUBMISSION

ENLARGED PLANS & INTERIOR ELEVATIONS

A8.2

PRELIMINARY: NOT FOR CONSTRUCTION

TYPICAL ENLARGED PLAN

ELEVATION A

ELEVATION B

ELEVATION C

ELEVATION D

TYPICAL COMMERCIAL SPACE ACCESSIBLE RESTROOM*

1/2" = 1'-0"

*RESTROOM LAYOUTS VARY. SEE PLAN FOR LAYOUT.

COMMERCIAL SPACE RESTROOM GENERAL NOTES

1. TYPICAL ENLARGED PLANS AND INTERIOR ELEVATIONS ARE DIAGRAMMATIC AND ARE FOR REFERENCE ONLY. REFER TO NEW WORK PLANS FOR SPECIFIC LAYOUTS INCLUDING DOOR CONFIGURATION AND CLEARANCES.
2. PROVIDE BLOCKING FOR WALL-HUNG ACCESSORIES. SEE SPECIFICATIONS.
3. SEE PLANS FOR WALL TYPES AND FINISHED CEILING HEIGHTS.
4. SEE PLUMBING DRAWINGS FOR PLUMBING FIXTURE SCHEDULE.
5. SEE ELECTRICAL DRAWINGS FOR LIGHT FIXTURES.
6. PROVIDE MOISTURE/MOLD RESISTANT GYPSUM BOARD. SEE *"MOLD & MOISTURE RESISTANT GYP. BD. SCHEDULE"* ON A0.2 FOR ADDITIONAL INFORMATION.
7. SEE FINISH SCHEDULE ON A0.2 FOR FLOOR, WALL, AND CEILING FINISHES.

9 COMMERCIAL SPACE RESTROOM KEYNOTES

1. ADA / ANSI A117.1 COMPLIANT FLOOR-MOUNTED TOILET.
2. ADA / ANSI A117.1 COMPLIANT WALL HUNG LAVATORY & FAUCET.
3. TOILET PAPER HOLDER (BASIS OF DESIGN BOBRICK B-685)
4. 24" X 36" FRAMED MIRROR (BASIS OF DESIGN BOBRICK B-165)
5. VANITY LIGHT. SEE ELECTRICAL DWGS.
6. ADA / ANSI A117.1 KNEE AND TOE CLEARANCE. PLUMBING SHALL NOT ENCROACH INTO THIS AREA.
7. WALL BASE, SEE FINISH SCHEDULE.
8. ANCHORED METAL GRAB BARS PER ANSI A117.1, SIZE AS INDICATED (BASIS OF DESIGN BOBRICK B-6806)
9. FLUSH FLOOR DRAIN - SEE PLUMBING DWGS.
10. PAPER TOWEL HOLDER (BASIS OF DESIGN BOBRICK B-4262)
11. PROVIDE DRAIN AND PIPE INSULATION TO PROTECT AGAINST CONTACT.
12. SURFACE-MOUNTED HORIZONTAL BABY CHANGING STATION. (KOALA KB310-SSWM). INSTALL PER MFG. INSTRUCTIONS AND TO ADA / ANSI A117.1 STANDARDS.

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ISSUE LOG:

06.02.2023
ISSUE FOR PERMIT

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TYPICAL COMMERCIAL SPACE RESTROOM ENLARGED PLAN & ELEVATIONS

A9.0

PRELIMINARY:
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GENERAL STRUCTURAL NOTES

COPIES OF PUBLICATIONS REFERENCED IN THESE GENERAL STRUCTURAL NOTES ARE AVAILABLE FOR REVIEW AT ADVANTAGE GROUP ENGINEERS, INC. CONTRACTORS UNFAMILIAR WITH THESE PUBLICATIONS MUST REVIEW THEM PRIOR TO CONSTRUCTION.

GOVERNING CODE

OHIO BUILDING CODE – 2017, BASED ON 2015 IBC
CINCINNATI BUILDING CODE – 2023 (1)

CLASSIFICATION OF THE BUILDING STRUCTURE:
RISK CATEGORY II, TABLE 1604.5

DESIGN LOADS

1. ROOF LOAD:
   - A. MINIMUM LIVE LOAD OR SNOW LOAD: 20 PSF
   - B. DEAD LOAD ALLOWNACE: 15 PSF
2. SNOW LOAD:
   - A. GROUND SNOW LOAD, P_g = 20 PSF.
   - B. FLAT ROOF SNOW LOAD, P_f = 14 PSF MODIFIED BY APPLICABLE BUILDING COEFFICIENTS.
   - C. MINIMUM ROOF SNOW LOAD, P_m = 20 PSF.
   - D. SNOW LOAD IMPORTANCE FACTOR, I_s = 1.0
   - E. SNOW EXPOSURE FACTOR, C_e = 1.0
   - F. THERMAL FACTOR, C_t = 1.0
   - G. COORDINATE ROOF FRAMING WITH FINAL SELECTION OF ROOF SUPPORTED MECHANICAL EQUIPMENT AND ASSOCIATED OPENINGS. ITEMS TO BE COORDINATED INCLUDE SIZE, LOCATION, TOTAL WEIGHT, WEIGHT DISTRIBUTION, AND SUPPORT FRAME REQUIREMENTS.
3. FLOOR LOAD:
   - A. LIVE LOAD:
     - a. FIRST FLOOR: 100 PSF (ASSEMBLY)
     - b. FIRST FLOOR- FOURTH FLOOR: 40 PSF (RESIDENTIAL UNITS/COORIDOORS SERVING PRIVATE UNITS)
   - B. DEAD LOAD:
     - a. ALLOWANCE AT WOOD FRAMED FLOORS: 10 PSF
       - i. JOIST FRAMING: 2 PSF
       - ii. SHEATHING: 2 PSF
       - iii. CEILING (5/8" DRYWALL): 3 PSF
       - iv. DUCTS, LIGHTS, MISC MECH: 3 PSF
4. WIND LOAD:
   - A. MAIN WIND FORCE RESISTING SYSTEM: 115 MPH PER ASCE 7-10 (3-SECOND GUST - LOAD AND RESISTANCE FACTOR DESIGN).
   - B. WIND EXPOSURE: B
   - C. BASIC WIND VELOCITY PRESSURE, q_h= 24 PSF
   - D. INTERNAL GUST PRESSURE COEFFICIENT, GCp = 0.18 (ENCLOSED BUILDING).
5. SPECIAL LOADS:
   - A. INTERIOR FINISH: 5 PSF HORIZONTAL LOAD.
   - B. HANDRAILS: 200 POUND CONCENTRATED LOAD AT ANY POINT, IN ANY DIRECTION, OR 50 PLF UNIFORM LOAD IN ANY DIRECTION.
   - C. GUARDRAILS:
     - a. TOP RAIL: 200 POUNDS CONCENTRATED AT ANY POINT IN ANY DIRECTION, OR 50 PLF UNIFORM LOAD IN ANY DIRECTION.
     - b. IN-FILL AREAS: 50 POUNDS APPLIED OVER A 1 SQUARE FOOT AREA.
6. SPECIAL INSPECTION REQUIREMENTS PER SECTION 1704. SEE CONSTRUCTION SPECIFICATIONS AND OR SPECIAL INSPECTION BOOKLET ADDENDUM REQUIREMENTS.

SPECIAL INSPECTIONS

PER THE REQUIREMENTS OF CHAPTER 17 SECTION 1704.1 OF THE REFERENCED BUILDING CODE, A SPECIAL INSPECTION IS REQUIRED FOR THE PROPOSED BUILDING CONSTRUCTION. SPECIAL INSPECTION INVOLVES THE VERIFICATION OF COMPLIANCE OF MATERIALS, INSTALLATION, FABRICATION, ERECTION AND OR PLACEMENT OF COMPONENTS WITH THE OFFICIAL SET OF CONSTRUCTION DOCUMENTS AND REFERENCED STANDARDS. SPECIAL INSPECTION IS PART OF THE PERMIT APPLICATION PROCESS FUNDED BY THE OWNER OR THE OWNER'S AGENT.

A STATEMENT OF SPECIAL INSPECTION LISTING THE REQUIREMENTS ALONG WITH A SCHEDULE OF TESTING, SUBMITTAL REVIEWS, AND FIELD OBSERVATION REQUIREMENTS HAS BEEN PREPARED BY THE STRUCTURAL ENGINEER OF RECORD IN ACCORDANCE WITH SECTION 106.1 OF THE BUILDING CODE. THIS STATEMENT INCLUDES A COMPLETE LIST OF MATERIAL AND ACTIVITY REQUIRING INSPECTION. IT IS THE RESPONSIBILITY OF ALL PARTIES TO BECOME FAMILIAR WITH THIS REQUIREMENT AND UNDERSTAND THE GUIDELINES AND REQUIREMENTS OF EACH PARTY INVOLVED WITH THE CONSTRUCTION. A COPY OF THE STATEMENT OF SPECIAL INSPECTION IS AVAILABLE UPON REQUEST. THE SPECIAL INSPECTOR COORDINATOR SHALL COORDINATE WITH THE OWNER, CONTRACTOR AND THE DESIGN PROFESSIONALS AND SCHEDULE THE INSPECTIONS ACCORDINGLY.

SUBSTITUTIONS, SUBMITTALS, AND RFI'S

1. CONTRACTOR SHALL SUBMIT ALL SUBSTITUTIONS FOR APPROVAL PRIOR TO CONSTRUCTION WITH THE FOLLOWING INFORMATION:
   - A. THE SCOPE, EXTENT, AND ALL LOCATIONS AFFECTED BY THE PROPOSED SUBSTITUTION.
   - B. SPECIFIC DRAWING OR SPECIFICATION REFERENCES FOR THE ORIGINAL PRODUCT OR SYSTEM SPECIFIED.
   - C. THE REASON FOR THE PROPOSED CHANGE.
   - D. COST SAVINGS AND/OR IMPACT ON THE SCHEDULE
   - E. IMPACT ON ANY GUARANTEES OR WARRANTIES ASSOCIATED WITH THE PRODUCT OR SYSTEM.
   - F. COORDINATION REQUIRED WITH OTHER TRADES OR ADJACENT MATERIALS.
   - G. ANY AND ALL DEVIATIONS FROM THE SPECIFIED REQUIREMENTS.
2. REQUESTS FOR INFORMATION (RFI'S) SHALL BE SUBMITTED IN A TIMELY MANNER WHEN INFORMATION IS MISSING FROM THE CONSTRUCTION DOCUMENTS, INFORMATION IS CONFLICTING WITHIN THE CONSTRUCTION DOCUMENTS, OR IS AMBIGUOUS.
   - A. THE CONTRACTOR MUST USE DUE DILIGENCE IN ATTEMPTING TO FIND ANY ANSWER PRIOR TO SUBMITTING AN RFI.
   - B. IF THE INFORMATION REQUESTED IN AN RFI IS APPARENT FROM FIELD OBSERVATION, IS CONTAINED IN THE CONSTRUCTION DOCUMENTS, OR IS REASONABLY INFERABLE FROM THE CONSTRUCTION DOCUMENTS, THE CONTRACTOR SHALL BE RESPONSIBLE TO THE OWNER FOR ALL REASONABLE COSTS CHARGED RELATED TO ADDITIONAL SERVICES INCURRED DUE TO ANSWERING THE RFI.

CONSTRUCTION AND SAFETY

1. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES OF CONSTRUCTION SELECTED BY THE CONTRACTOR.
2. THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. WHEN ON SITE, THE ENGINEER IS RESPONSIBLE FOR HIS OWN SAFETY BUT HAS NO RESPONSIBILITY FOR THE SAFETY OF OTHER PERSONNEL OR SAFETY CONDITIONS AT THE SITE.
3. THE CONTRACTOR SHALL ONLY USE STRUCTURAL PLANS ISSUED AS "FOR CONSTRUCTION" OR ISSUES THEREAFTER. PRIOR ISSUES SHALL ONLY BE USED FOR PERMITTING OR BIDDING PURPOSES.
4. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. SHOULD ANY DISCREPANCY BE FOUND, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER IMMEDIATELY OF THE CONDITION.
5. THE CONTRACTOR SHALL BRACE ENTIRE STRUCTURE AS REQUIRED DURING DEMOLITION AND CONSTRUCTION TO MAINTAIN STABILITY UNTIL THE STRUCTURE IS COMPLETE AND FUNCTIONING AS THE DESIGNED UNIT.
6. THE OWNER AND ENGINEER HAS MADE NO INVESTIGATION TO DETERMINE IF ASBESTOS OR ANY OTHER HAZARDOUS MATERIAL IS PRESENT IN EXISTING CONSTRUCTION AND ASSUMES NO RESPONSIBILITY WITH REGARD TO ASBESTOS OR ANY OTHER HAZARDOUS MATERIAL.
7. THE CONTRACTOR IS TO REVIEW THESE DRAWINGS AND VISIT THE SITE BEFORE COMMENCING THE PROJECT IN ORDER TO FAMILIARIZE HIM OR HERSELF WITH THE PROPOSED WORK.
8. THE CONTRACTOR IS TO PROTECT AND SAVE BUILDING ELEMENTS CONNECTED TO, OR ADJACENT TO, THOSE ELEMENTS WHICH ARE SLATED TO BE REMOVED.
9. THE CONTRACTOR SHALL NOT REMOVE ANY ELEMENTS WHICH MAY CAUSE THE STRUCTURE TO BECOME UNSTABLE, OR THAT WILL POSE A RISK TO PERSONS OR PROPERTY, EVEN IF INDICATED IN PLANS. IF ANY ELEMENTS BECOME UNSTABLE, CONTRACTOR IS TO STABILIZE AND SHALL INFORM THE ENGINEER/OWNER IMMEDIATELY.
10. IT IS UP TO THE CONTRACTOR TO CONTINUALLY EVALUATE THE STRUCTURAL STABILITY OF THE BUILDING AND THE INTEGRITY OF ELEMENTS BOTH STRUCTURAL AND NON-STRUCTURAL THAT ARE SHOWN TO REMAIN. IF THE CONTRACTOR DETERMINES THAT SOME OF THESE ELEMENTS SHOULD BE REMOVED, HE/SHE MUST FIRST RECEIVE PERMISSION FROM THE ENGINEER/ OWNER, OR MAY BE FINANCIALLY RESPONSIBLE FOR THE REPLACEMENT OF THESE ELEMENTS.
11. THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF ALL TRASH AND DEBRIS THROUGHOUT THE WORK. ALL DEBRIS MUST BE REMOVED AND DISCARDED IN A SAFE AND LEGAL MANNER.
12. CONTRACTOR IS TO PROTECT THE BUILDING FROM THE ELEMENTS, THEFT AND VANDALISM AT ALL TIMES DURING WORK.

MISCELLANEOUS STRUCTURAL NOTES

1. THESE STRUCTURAL DRAWINGS DEPICT A STRUCTURAL SYSTEM AND THE MAJOR COMPONENTS OF THAT SYSTEM. MINOR ITEMS, INCLUDING BUT NOT LIMITED TO, POURSTOPS, DECK SUPPORT ANGLES, FRAMES AT FLOOR AND ROOF DECK OPENINGS, CFS AT ARCHITECTURAL FEATURES, ETC. SHALL BE SUPPLIED BY THE CONTRACTOR AS NEEDED TO PROVIDE A COMPLETE SYSTEM.
2. WHERE DETAILS ARE CALLED FOR IN ONE AREA OF THE BUILDING, THEY SHALL BE DUPLICATED AT SIMILAR CONDITIONS UNLESS NOTED OTHERWISE.
3. STRUCTURAL AND ARCHITECTURAL PLANS SHOW DIMENSIONS AND ELEVATIONS TO SIGNIFICANT WORKING POINTS. CONTRACTORS, DETAILERS AND SUPPLIERS ARE RESPONSIBLE FOR THE DETERMINATION OF ALL DIMENSIONS, PITCHES, ELEVATIONS, ETC. BEYOND THOSE NOTED AS NECESSARY TO THOROUGHLY DETAIL/FABRICATE THEIR WORK. CONTACT ARCHITECT WITH ANY DISCREPANCIES FOUND.

FOUNDATIONS

1. SOIL CONDITIONS:
   - A. PER THE CLIENT'S REQUEST, THE FOUNDATION DESIGN AND GENERAL FOUNDATION NOTES ARE BASED ON THE ASSUMPTION OF FAVORABLE SOIL CONDITIONS. THE CONTRACTOR SHALL RETAIN THE SERVICES OF A GEOTECHNICAL CONSULTANT TO VERIFY THE DESIGN ASSUMPTIONS OF NATIVE UNDISTURBED SOILS PRIOR TO THE FOUNDATION INSTALLATION. THE COST FOR THIS DOCUMENTATION SHALL BE IDENTIFIED AS A SEPARATE ITEM ON THE CONTRACTOR'S BID. THE CONTRACTOR SHALL SUBMIT COPIES OF ALL FIELD-TESTING DOCUMENTATION TO ADVANTAGE GROUP ENGINEERS.
2. THE BOTTOM OF FOUNDATION ELEVATION INDICATED ARE FOR BIDDING PURPOSES AND MAY BE LOWERED TO SUIT SUB-SURFACE SOIL CONDITION. BEARING STRATA SHALL BE APPROVED BY A GEOTECHNICAL ENGINEER PRIOR TO PLACING CONCRETE. PROVIDE ENGINEERED FILL OR FLOWABLE FILL CONCRETE (500 PSI) UNDER FOUNDATIONS AT SOFT SPOTS AND FOR EXTENDING EXCAVATION TO ADEQUATE BEARING MATERIAL. INSTALL FOUNDATIONS AT DESIGNED ELEVATIONS.
3. FOOTINGS AND GRADE BEAMS MAY BE PLACED WITHOUT SIDE FORMS IF EXCAVATED WALLS STAND APPROXIMATELY VERTICAL.
4. ALL FOOTINGS SHALL BEAR ON LEVEL (WITHIN 1 IN 12) UNDISTURBED SOIL OR APPROVED ENGINEERED FILL. FOUNDATIONS HAVE BEEN DESIGNED FOR A MAXIMUM SOIL BEARING PRESSURE OF 1500 PSF BELOW STRIP FOOTINGS.
5. CONTRACTOR SHALL CONTACT UTILITY COMPANIES FOR LOCATING UNDERGROUND SERVICES AND IS RESPONSIBLE FOR THEIR PROTECTION AND SUPPORT.
6. ALL AREAS WITHIN THE FOOTPRINT OF THE BUILDING, INCLUDING UTILITY TRENCHES, MUST BE FREE OF ANY WET AND/OR SOFT AREAS PRIOR TO THE PLACEMENT OF FILL MATERIAL OR SLAB.
7. FINISHED GRADE SHALL SLOPE AWAY FROM THE PERIMETER FOUNDATION.

CONCRETE

1. CONCRETE WORK AND TESTING SHALL CONFORM TO ALL REQUIREMENTS OF ACI 301, "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS", EXCEPT AS MODIFIED BY THE SUPPLEMENTAL REQUIREMENTS BELOW. REPORTS FROM TESTS REQUIRED BY SECTION 1.6 OF ACI 301 SHALL BE SUBMITTED TO STRUCTURAL ENGINEER, ARCHITECT, OWNER, CONTRACTOR, CONCRETE SUPPLIER, AND BUILDING OFFICIAL.
2. CONCRETE WORK IN COLD WEATHER SHALL CONFORM TO ALL REQUIREMENTS OF ACI 306.1 "STANDARD SPECIFICATION FOR COLD WEATHER CONCRETING" AND ACI 306R "COLD WEATHER CONCRETING".
3. CONCRETE WORK IN HOT WEATHER SHALL CONFORM TO ALL REQUIREMENTS OF ACI 305R "HOT WEATHER CONCRETING". THE AIR TEMPERATURE, RELATIVE HUMIDITY, CONCRETE TEMPERATURE, AND WIND VELOCITY SHALL BE ENTERED INTO THE NOMOGRAPH OF THIS REFERENCE TO DETERMINE IF PRECAUTIONS AGAINST PLASTIC SHRINKAGE ARE REQUIRED.
4. CONCRETE MIX DESIGNS SHALL BE SUBMITTED FOR EACH TYPE OF CONCRETE TO THE STRUCTURAL ENGINEER FOR APPROVAL IN ACCORDANCE WITH ACI 301 SECTION 4.2.3.4 FIELD TEST DATA OR TRIAL MIXTURES.
5. MATERIALS (ALSO SEE CONCRETE MIX SCHEDULE):
   - A. REINFORCING STEEL: ASTM A615 OR ASTM 996 (AXLE ONLY) 60 KSI YIELD DEFORMED BARS AND ASTM A1064 MESH, FLAT SHEETS ONLY.
   - B. FLY ASH: ASTM C618, TYPE F OR C. FLY ASH-TO-TOTAL CEMENTITIOUS RATIO SHALL NOT EXCEED 25% MAXIMUM.
   - C. GROUND GRANULATED BLAST FURNACE SLAG: ASTM C989. TOTAL GROUND GRANULATED BLAST FURNACE SLAG-TO-TOTAL CEMENTITIOUS RATIO SHALL NOT EXCEED 50% MAXIMUM.
   - D. HIGH RANGE WATER REDUCER (HRWR) ADMIXTURE: ASTM C494.
   - E. CHLORIDE CONTENT OF CONCRETE: LIMIT TOTAL CHLORIDE ION CONTENT TO AMOUNT INDICATED IN TABLE 4.2.2.6 OF ACI 318. ADMIXTURES CONTAINING CHLORIDE ARE NOT PERMITTED IN REINFORCED CONCRETE OR CONCRETE CONTAINING METALS.
6. CONCRETE MIX SCHEDULE:

Application	f'c @ 28 days (psi)	Air Content[1]	Max w/c ratio[2]	Max Agg. Size[1] (in)	F Class	S Class	W Class	C Class
Footings	3000	N/a	0.55	3/4	F0	S0	W0	C0
Interior Floor Slab on Grade[3]	4000	N/a	0.5	3/4	F0	S0	W0	C0
Exterior Flatwork (Plain Concrete)	4500	6% ± 1.5%	0.45	3/4	F3	S0	W1	C1

[1] - Where 3/8" maximum aggregate is preferred, adjust air entrainment to 7.5% ± 1.5% (if required).
[2] - Where air entrainment is not required by design, the contractor/supplier may choose to include air entrainment to improve placement or finish characteristics. Air entrainment is not permitted in normal weight concrete to receive a hard trowel finish and entrapped air shall not exceed 3%.
[3] - f'c = 1800 psi @ 3 days.

7. SLUMP SHALL BE MEASURED PRIOR TO THE ADDITION OF HRWR.
8. ALL REINFORCING BARS, EMBEDS, AND ANCHOR RODS SHALL BE PLACED WITHIN THE REQUIRED TOLERANCES AND SUPPORTED TO PREVENT DISPLACEMENT DURING CONCRETE PLACEMENT. WORKING REINFORCING BARS, EMBEDS, AND ANCHOR RODS INTO WET CONCRETE (KNOWN AS "WET STICKING") IS PROHIBITED. IF NECESSARY, CONTRACTOR MAY PROVIDE ADDITIONAL REINFORCING BARS TO SECURELY TIE REINFORCING BARS, EMBEDS, AND ANCHOR RODS.
9. LAP SPLICE REINFORCING BARS 48 BAR DIAMETERS UNLESS NOTED OTHERWISE.
10. BAR CLEARANCES BETWEEN ADJACENT BARS AND FORMWORK SHALL BE AS NOTED ON THE DRAWINGS OR A MINIMUM AS PER ACI REQUIREMENTS.
11. AT CORNERS AND INTERSECTIONS OF FOOTINGS PROVIDE BENT BARS OF EQUAL SIZE AND AT SAME SPACING AS TYPICAL REINFORCING AROUND CORNER AND/OR INTO ABUTTING WALL OR GRADE BEAM. BARS SHALL HAVE EMBEDMENT OF 30 BAR DIAMETERS (18" MINIMUM).
12. MACHINE TROWEL FINISH FLOOR SLAB AND CURE USING A METHOD RECOMMENDED BY ACI 302.1R (GUIDE FOR CONCRETE FLOOR AND SLAB CONSTRUCTION) INCLUDING WATER CURING, WET COVERING, APPLICATION OF IMPERVIOUS SHEETING OR APPLICATION OF "CURE AND SEAL" TYPE CURING COMPOUND MEETING ASTM C-1315. FOR APPLICATIONS EXPOSED TO SUNLIGHT USE CLASS A (NON-YELLOWING) CURING COMPOUND. COORDINATE CURING METHOD WITH ARCHITECTURAL FLOOR FINISHES THAT REQUIRE ADHESION TO THE SLAB (SUCH AS TILE) TO INSURE PROPER BOND.
13. FLOOR SLAB-ON-GRADE SHALL CONFORM TO THE FOLLOWING SURFACE PROFILE TOLERANCES PER ASTM E-1155 AND ACI 117: F_f(FLATNESS) / F_l(LEVELNESS)
    - A. SPECIFIED OVERALL VALUE: 25 / 20
    - B. MINIMUM LOCAL VALUE: 18 / 13
    - C. MAXIMUM GAP UNDER 10 FT. UNLEVELED STRAIGHTEDGE = 1/4".
14. SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR VAPOR BARRIER REQUIREMENTS. VAPOR BARRIER, WHERE REQUIRED, SHALL BE PLACED OVER COMPACTED GRANULAR SUBBASE.
15. AT SLAB AND WALL OPENING CORNERS AND REENTRANT CORNERS, PROVIDE (1) #5 BAR IN EACH FACE PARALLEL TO EACH EDGE EXTENDING A MINIMUM OF 2'-0" PAST EDGE OF OPENING. THIS STEEL MAY BE OMITTED IF TYPICAL REINFORCING STEEL EXCEEDS THIS MINIMUM REQUIREMENT.
16. REINFORCE ALL INTERIOR SLABS ON GROUND WITH 6x6-W2.9xW2.9 (42#) MESH. LOCATE MESH 2" CLEAR BELOW TOP OF SLAB.
17. FINISH OF CONCRETE HANDICAP RAMPS TO CONFORM TO THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT (ADA). COORDINATE LOCATION AND PATTERN WITH ARCHITECTURAL DRAWINGS.
18. CONTROL JOINTS IN SLABS ON GROUND SHALL BE LOCATED AT 12'-0" MAXIMUM SPACING AND SHALL CREATE SECTIONS OF SLAB WITH A MAXIMUM ASPECT RATIO OF 1½ TO 1. CONTROL JOINTS SHALL BE SAWN AND SHALL BE A MINIMUM OF 1/4 OF THE SLAB THICKNESS DEEP. THE CONTROL JOINT SHALL BE SAWN AS SOON AS THE SAW BLADE CAN CUT THE CONCRETE WITHOUT DISPLACING THE AGGREGATE. CUT EVERY OTHER MESH WIRE AT THE CONTROL JOINT LOCATION PRIOR TO PLACING CONCRETE. IF AN EARLY-CUTTING SAW IS BE USED AND A SHALLOWER DEPTH OF THE CUT IS DESIRED, CONTACT THE ENGINEER IN ADVANCE FOR APPROVAL.
19. CONSTRUCTION JOINTS IN SLABS ON GROUND MAY BE LOCATED AT ANY CONTROL JOINT LOCATION. CONSTRUCTION JOINTS SHALL HAVE A KEY FORMED AT MID-DEPTH OF THE FIRST CAST SECTION. THE KEY SHALL BE 1½" DEEP AND SHALL BE 1/3 OF THE SLAB THICKNESS HIGH. THE TOP AND BOTTOM OF THE KEY SHALL HAVE 1 VERTICAL TO 3 HORIZONTAL SLOPE.
20. FILL CONTROL AND CONSTRUCTION JOINTS IN TRAFFIC AREAS WITH SEMI-RIGID EPOXY JOINT FILLER WITH A DUROMETER SHORE A-SCALE HARDNESS NUMBER OF APPROXIMATELY 80. FILL CONTROL AND CONSTRUCTION JOINTS IN NON-TRAFFIC AREAS WITH ELASTOMERIC SEALANT. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
21. PROVIDE 3/4" CHAMFER AT CORNERS OF EXPOSED CONCRETE.
22. WHERE BRITTLE FLOOR FINISHES ARE TO BE APPLIED TO FLOOR SLABS, COORDINATE CONTROL JOINT LOCATIONS WITH FLOOR FINISH JOINT LOCATIONS AND ARCHITECT.

EPOXY ADHESIVE ANCHORS

1. EPOXY ADHESIVE ANCHORS:
   - A. EPOXY ADHESIVE SHALL BE HIT-HY 200 V3 EPOXY ADHESIVE MANUFACTURED BY THE HILTI COMPANY AT CONCRETE AND HIT-HY 270 ADHESIVE AT MASONRY/STONE. INSTALL PER MANUFACTURER'S RECOMMENDATIONS. SUBSTITUTES MAY BE CONSIDERED; SUBMIT MANUFACTURER'S DATA PRIOR TO INSTALLATION.
   - B. THREADED RODS SHALL BE ASTM A36. SIZES AND EMBEDMENT AS INDICATED ON THE DRAWINGS.
   - C. CONDUCT JOB-SITE TRAINING OF ALL CONTRACTOR'S PERSONNEL INSTALLING THIS PRODUCT FOR SAFE AND PROPER INSTALLATION, HANDLING, AND STORAGE OF THE EPOXY SYSTEM.

MASONRY

1. MASONRY CONSTRUCTION AND MATERIALS SHALL CONFORM TO ALL REQUIREMENTS OF "SPECIFICATION FOR MASONRY STRUCTURES (ACI 530.1/ASCE 6/TMS 602)" EXCEPT AS MODIFIED BY THE REQUIREMENTS OF THESE CONTRACT DOCUMENTS.
2. COMPRESSIVE STRENGTH SHALL BE DETERMINED FOR EACH TYPE OF MASONRY BY THE UNIT STRENGTH METHOD.
   - A. NET AREA COMPRESSIVE STRENGTH OF CONCRETE MASONRY USED FOR DESIGN: f'm = 2000 PSI AT 28 DAYS
3. SUBMITTALS SHALL BE MADE FOR THE FOLLOWING:
   - A. COLD WEATHER CONSTRUCTION PROCEDURE.
   - B. HOT WEATHER CONSTRUCTION PROCEDURE.
   - C. MANUFACTURERS LITERATURE FOR: HORIZONTAL JOINT REINFORCING, REINFORCING STEEL POSITIONERS, MOVEMENT JOINT MATERIALS, TIES AND ANCHORS.
   - D. SHOP DRAWINGS SHOWING: DETAILS OF STEEL REINFORCING, AND LINTELS.
   - E. MANUFACTURER'S CERTIFICATE OF COMPLIANCE FOR SPECIFIED MASONRY UNIT, AND REINFORCING STEEL.
   - F. PROPORTIONS OF MATERIAL IN ACCORDANCE WITH REFERENCED SPECIFICATIONS OF MORTAR AND GROUT.
4. MATERIALS:
   - A. CONCRETE MASONRY UNITS: ASTM C90 TYPE I BELOW GRADE: NORMAL WEIGHT AGGREGATE PER ASTM C33.
     - a. MINIMUM UNIT COMPRESSIVE STRENGTH, f'_m = 2000 PSI.
   - B. CONCRETE MASONRY UNITS: ASTM C90 TYPE I ABOVE GRADE: LIGHTWEIGHT AGGREGATE PER ASTM C331 OR NORMAL WEIGHT.
     - a. MINIMUM UNIT COMPRESSIVE STRENGTH, f'_m = 2000 PSI.
   - C. FACING BRICK: SALVAGED BRICK FROM SIMILAR ERA COMPATITBLE WITH EXISTING COMPOSITION OF BRICK WITH RESPECT TO HARDNESS AND SIZE.
   - D. MORTAR: ASTM C270 TYPE 'O' TO MATCH WITH EXISTING MODIFIED ACCORDINGLY.
     - a. PORTLAND CEMENT-LIME MORTAR: PORTLAND CEMENT: TYPE I. HYDRATED LIME: TYPE N.
     - b. MASONRY CEMENT MORTAR: AT CONTRACTOR'S OPTION.
   - E. GROUT: ASTM C476. f'_c = 2000 PSI, SLUMP 8" TO 10".
   - F. REINFORCING STEEL: ASTM A615, 60 KSI YIELD.
   - G. HORIZONTAL JOINT REINFORCING FOR SINGLE WYTHE CONCRETE MASONRY: 9 GAUGE LADDER TYPE. HOT DIPPED GALVANIZED PER ASTM A153 CLASS B. PLACE HORIZONTAL JOINT REINFORCING AT 16" CENTERS VERTICALLY FOR CONCRETE MASONRY. LAP HORIZONTAL JOINT REINFORCING 6" MINIMUM. HORIZONTAL JOINT REINFORCING SHALL BE DISCONTINUOUS ACROSS MOVEMENT JOINTS.
5. MORTAR PROPORTIONS MUST BE ACCURATELY MEASURED PRIOR TO MIXING. ADD CEMENT TO MIX IN FULL BAG QUANTITIES. MEASURE SAND IN BOX WITH VOLUME OF ONE CUBIC FOOT AS OFTEN AS NECESSARY TO MAINTAIN CONSISTENT PROPORTIONS AND AT LEAST ONCE DAILY AND EVERY 4 HOURS OF MIXING.
6. MINIMUM VERTICAL REINFORCEMENT REQUIREMENTS FOR ALL MASONRY WALLS.
   - A. AS A MINIMUM, ALL MASONRY SHALL BE REINFORCED PER SECTION ACI 530 1.14.2.2.2.1.
   - B. #4 VERTICAL BARS SHALL BE PLACED AT ALL CORNERS, WITHIN 16 INCHES OF EACH WALL OPENINGS, WITHIN 8 INCHES OF EACH WALL MOVEMENT JOINT AND WITHIN 8 INCHES OF THE END OF THE WALL.
   - C. HORIZONTAL JOINT REINFORCEMENT SHALL BE SPACED AT 16" MAX. WALL OPENINGS SHALL BE REINFORCED TOP AND BOTTOM OF OPENINGS AND SHALL EXTEND NOT LESS THAN 24 INCHES BEYOND PAST THE ROUGH OPENING.
   - D. SPACING OF VERTICAL REINFORCEMENT SHALL NOT EXCEED 4'-0".
7. MASONRY WALL REPAIR:
   - a. EXTERIOR MASONRY AND STONE IS TO BE REPAIRED, REPLACED, AND CLEANED AS NECESSARY AT ALL EXPOSED EXTERIOR SIDES OF THE BUILDING AS NEEDED.
   - b. REPAIR DAMAGED JOINTS IN MASONRY WHERE MORTAR IS DAMAGED OR MISSING. CUT OUT JOINTS TO A DEPTH OF 2X THE WIDTH OF THE JOINT OR UNTIL SOUND MORTAR. REMOVE DUST AND LOOSE MATERIAL BY HAND BRUSHING. MORTAR TO MATCH EXISTING IN COMPOSITION, COLOR, TOOLING, PROFILE AND HARDNESS.
   - c. REPLACE MISSING, ERODED, SPALLED OR CRACKED MASONRY UNITS. CUT OUT UNITS, INCLUDING ENTIRE MORTAR JOINT AROUND MASONRY UNIT. REMOVE UNITS BY HAND USING CARE SO AS NOT TO DAMAGE ADJACENT MASONRY. TURN EXISTING BRICKS AROUND AND/OR USE SALVAGED BRICK IF POSSIBLE. BUILD-IN NEW MASONRY AND JOINTS TO MATCH EXISTING. ALIGN WITH EXISTING JOINTS AND COURSING TRUE AND LEVEL, FACES PLUMB AND IN-LINE. INSTALL ANY ANCHORS, FLASHING, OR REINFORCEMENTS AS NECESSARY, ALL NEW WORK SHALL MATCH THAT OF THE SURROUNDING MASONRY.
   - d. REMOVE CRACKED, DAMAGED AND SEVERELY SPALLED STONE LINTELS AND SILLS WITH CARE IN A MANNER TO PREVENT DAMAGE TO ADJACENT REMAINING MATERIALS. BUILD-IN NEW LINTELS AND SILLS. ALIGN WITH EXISTING JOINTS AND COURSING TRUE AND LEVEL, FACES PLUMB AND IN-LINE. INSTALL ANY ANCHORAGES, FLASHINGS, OR REINFORCEMENTS AS NECESSARY. WHERE APPLICABLE, NEW LINTELS AND SILLS TO BE PRECAST CONCRETE TO MATCH EXISTING IN COLOR AND TEXTURE. THE CONTRACTOR SHALL PROVIDE SAMPLES FOR APPROVAL PRIOR TO ORDERING MATERIAL. ALL STONE REPLACEMENT WORK WILL BE DONE WITHOUT DAMAGE, TO MATCH THE EXISTING HISTORIC STONE AND MASONRY.
   - e. UNPAINTED MASONRY AND STONE IS TO REMAIN UNPAINTED.
8. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS AND SPECIFICATIONS OF FIRE RATED MASONRY.
9. PROVIDE PREFABRICATED "L" AND "T" SHAPED HORIZONTAL JOINT REINFORCING AT WALL INTERSECTIONS. ALTERNATE MESH TIES REINFORCEMENT TO BE SUBMITTED FOR REVIEW CONSIDERATION PRIOR TO CONSTRUCTION.
10. RUNNING BOND PATTERN SHALL BE USED FOR ALL MASONRY WORK UNLESS OTHERWISE NOTED.
11. UNLESS NOTED OTHERWISE ON PLANS, UNDER LINTELS, BEARING PLATES, BEAMS, ETC.; FILL CELLS WITH GROUT, 3 COURSES MINIMUM BELOW BEARING.
12. ALL REINFORCING STEEL SHALL BE SUPPORTED AND FASTENED TO APPROVED POSITIONERS LOCATED AT 192 BAR DIAMETERS MAXIMUM SPACING AND WITH A MINIMUM OF TWO POSITIONERS PER GROUT POUR (ONE NEAR THE BOTTOM AND ONE NEAR THE TOP) TO PREVENT DISPLACEMENT DURING THE PLACEMENT OF GROUT. ALL REINFORCING BARS MUST BE FULLY GROUTED IN PLACE IN LIFTS NOT TO EXCEED 60 INCHES.
13. BAR LAPS ARE AS FOLLOWS UNLESS OTHERWISE NOTED. MINIMUM BAR LAPS SHALL NOT BE LESS THAN 48 BAR DIAMETERS.
    - A. #4 BAR: 24" MINIMUM LAP
    - B. #5 BAR: 30" MINIMUM LAP
    - C. #6 BAR: 36" MINIMUM LAP
    - D. IN DOUBLE REINFORCED CELLS, STAGGER BAR SPLICES ACCORDINGLY SO THAT LAPS DO NOT OCCUR WITHIN THE SAME SECTION ALONG THE HEIGHT OF THE WALL.
14. GROUT ALL CELLS BELOW GRADE SOLID.

WOOD

1. MATERIALS:
   - A. FRAMING LUMBER:
     - a. 2x8 AND LARGER: NO.1 GRADE OR BETTER SOUTHERN PINE KILN DRIED.
     - b. 2x4: STUD GRADE OR BETTER SPRUCE PINE FIR KILN DRIED.
     - c. 2x6: NO.2 GRADE OR BETTER SPRUCE PINE FIR KILN DRIED.
     - d. ACQ-C (ALT CA-B OR SBX-DOT) PRESSURE TREAT PIECES IN CONTACT WITH FOUNDATION OR EXPOSED TO WEATHER.
2. SHEATHING AND SUBFLOORING:
   - A. 48/24 APA RATED TONGUE AND GROOVE SUBFLOOR EXPOSURE 1.
   - B. 32/16 APA RATED ROOF SHEATHING EXPOSURE 1.
   - C. 24/16 APA RATED STRUCTURAL WALL SHEATHING EXPOSURE 1.
   - D. ALL SHEATHING TO BE NAILED WITH 8d NAILS AT 6" ON CENTER AT PANEL EDGES AND 12" ON CENTER AT INTERMEDIATE SUPPORTS UNLESS NOTED OTHERWISE.
   - E. ROOF AND WALL SHEATHING SHALL BE SPACED A MINIMUM 1/8" AT PANEL EDGES AND ENDS OF SHEETS. USE APPROPRIATE PLYWOOD CLIPS AS RECOMMENDED BY THE APA.
   - F. ALL PLYWOOD SUBFLOORING SHALL BE GLUED AND NAILED.
3. NAIL SIZES AS CALLED OUT IN THE STRUCTURAL DRAWINGS AND FOR SIMPSON CONNECTORS ARE LISTED BELOW. NAIL GUN NAILS SHALL MEET DIAMETER AND LENGTH OF NAILS LISTED BELOW, OR ELSE NAILS SHALL BE DRIVEN WITH A HAMMER.
   - A. 6d NAILS ARE 0.120"Ø x 1¾" LONG (MIN 3/8" HEAD)
   - B. 8d NAILS ARE 0.131"Ø x 2½" LONG
   - C. 10d NAILS ARE 0.148"Ø x 3" LONG
   - D. 16d NAILS ARE 0.162"Ø x 3½" LONG
4. SIMPSON HANGERS:
   - A. ALWAYS USE THE NAIL OR FASTENER AS SPECIFIED BY SIMPSON, INCLUDING THE CORRECT DIAMETER AND LENGTH.
   - B. WHEN FASTENING TO A SINGLE PLY 1½" OR 1¾" MEMBER, 1½" FLANGE NAILS ARE ACCEPTABLE. USE FULL LENGTH NAILS FOR DIAGONAL NAILS OF DOUBLE SHEAR HANGERS.
5. ADHESIVE FOR PLYWOOD SUBFLOORING SHALL CONFORM TO PERFORMANCE SPECIFICATION AFG-01 DEVELOPED BY APA.
6. LVL (LAMINATED VENEER LUMBER) BEAMS: DISTRIBUTED AS TRUSS JOIST MACMILLAN, MICRO-LAM OR GEORGIA–PACIFIC CORPORATION, G-P LAM INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
   - A. LVL BEAMS SHALL HAVE MINIMUM DESIGN STRESS VALUES AS FOLLOWS:
     - a. F_b = 2600 PSI BENDING
     - b. F_v = 285 PSI HORIZONTAL SHEAR
     - c. $F_{c\perp}$ = 750 PSI COMPRESSION PERPENDICULAR TO GRAIN
     - d. E = 2,000,000 PSI MODULUS OF ELASTICITY
   - B. MULTIPLE LVL BEAMS AND HEADERS SHALL BE FASTENED TOGETHER AS FOLLOWS:
     - a. 12" AND SMALLER MEMBERS:
       - TWO-PIECE MEMBERS: 2 ROWS OF 16d COMMON NAILS AT 12" ON CENTER.
       - THREE-PIECE MEMBERS: 2 ROWS OF 1/2" DIAMETER BOLTS AT 24" ON CENTER STAGGERED.
     - b. 14" AND LARGER MEMBERS:
       - TWO-PIECE MEMBERS – 3 ROWS OF 16d COMMON NAILS AT 12" ON CENTER.
       - THREE-PIECE MEMBERS – 2 ROWS OF 1/2" DIAMETER BOLTS AT 16" ON CENTER STAGGERED.
7. INSTALL TYPICAL FLOOR CROSS BRIDGING AT 8'-0" MAXIMUM INTERVALS IN EVERY JOIST SPACE TO AID IN LOAD SHARE DISTRIBUTION AND CONTROL POTENTIAL VIBRATION PROBLEMS.
8. UNLESS NOTED OTHERWISE, CONNECTORS SHALL BE MADE PER TABLE 2304.10.1, "RECOMMENDED FASTENING SCHEDULE", IN REFERENCED BUILDING CODE. STAPLES NOT PERMITTED FOR FASTENING APA RATED SHEATHING AND SUBFLOORING.
9. ALL PLYWOOD SUBFLOORING SHALL BE GLUED AND NAILED.
10. ALL CONNECTION HARDWARE SPECIFIED ON THE STRUCTURAL DRAWINGS SHALL BE MANUFACTURED BY THE SIMPSON STRONG-TIE COMPANY AND SHALL BE FASTENED AS SPECIFIED IN THE SIMPSON PRODUCT AND INSTRUCTION MANUAL.
11. BRIDGING IN ALL FLOOR AND CEILING JOISTS, SHALL BE 1"x3" CROSS BRIDGING (DOUBLE NAILED) AT 8'-0" ON CENTER MAXIMUM.
12. PROVIDE SOLID BLOCKING IN FLOOR CONSTRUCTION UNDER POSTS, MULTIPLE STUDS OR BEAM BEARINGS.
13. DOUBLE JOISTS SHALL BE PROVIDED BELOW ALL INTERIOR PARTITIONS THAT RUN PARALLEL WITH THE JOISTS.
14. NOTCHES IN JOISTS SHALL NOT EXCEED ONE-SIXTH THE JOIST DEPTH IN HEIGHT AND LENGTH AND SHALL NOT BE LOCATED WITHIN THE MIDDLE THIRD OF THE JOIST SPAN. HOLES BORED IN JOISTS SHALL BE NO MORE THAN ONE-FOURTH THE JOIST DEPTH AND SHALL NOT BE LOCATED WITHIN 2 FEET OF EITHER JOIST END. HOLES AND NOTCHES SHALL BE SPACED A MINIMUM OF 18" APART.

SCHEDULE OF SPECIAL INSPECTION SERVICES

Expansion / Adhesive Anchors
Agent: GEOTECHNOLOGY (1)

- Periodic Inspection of post installed anchor rods:
- Verify the embedment depths and drilling procedure used to create hole.
- Verify that hole has been cleaned and dust removed properly.
- Document outside temperature and installation method use to install the epoxy adhesive.

Inspection of Masonry Construction per Section 1705.4
Agent: GEOTECHNOLOGY (1)

- Periodic verification for compliance with approved submittals.
- Periodic verification of f'm and f'ACC prior to construction and for every 5,000 SF during construction.
- Periodic verification of proportions of materials in premixed or preblended mortar, prestressing grout, and grout other than self-consolidating grout, as delivered to the project site.
- Periodic verification of Slump Flow and Visual Stability Index (VSI) of self-consolidating grout as delivered to the project.
- Periodic verification of site prepared mortar, mortar strength evaluation and the construction of mortar joints.
- Periodic verification and location of structural reinforcement per ACI 530/ASCE 5/TMS 602: Article 3.3b.
- Periodic verification of specified size, grade, and type of reinforcement per ACI 530/ASCE 5/TMS 602: Article 2.4, 3.4. (Ref. Code Section 2107).
- Periodic verification of protection of masonry during cold weather (temperature below 40 degrees Fahrenheit) or hot weather (temperature above 90 degrees Fahrenheit) per ACI 530.1/ASCE 6/TMS 602: Article 1.8. (Ref. Code Section 2104.3 & 2104.4).
- Periodic verification prior to grouting that grout space is clean and correct proportions of site prepared grout are present per ACI 530/ASCE 5/TMS 602: Article 2.6 & 3.2.
- Periodic verification of the placement of reinforcing steel, connectors and anchorages per ACI 530/ASCE 5/TMS 602: Article 3.4.
- Verification that grout is placed in compliance with code and construction documents per ACI 530/ASCE 5/TMS 602: Article 3.5. Randomly check sections of wall for required grouted cells and grouted bond beams for the placement of grout.

Inspection of Wood Construction per Section 1705.5
Agent: GEOTECHNOLOGY (1)

- Special inspections of the fabrication process of wood structural elements shall be in accordance with Section 1704.2.5.
- Periodic Inspection of wood framed joint details for compliance with approved construction documents for:
  - a. Member locations and supports.
  - b. Verification of member grade and specie.
  - c. Application of joint details at each connection.
  - d. Grades, thickness, and fastening of APA rated wood sheathing.

Inspection of Soil Conditions per Section 1705.6
Agent: GEOTECHNOLOGY (1)

- Evaluation of site preparation in accordance with the approved soils report or as specified on the contract documents.
- Confirm existing soils load-bearing capacity with requirements of the approved soils report or as specified on the contract documents.
- Verification that the material being used, and the maximum lift thickness comply with the approved soils report or as specified on the contract documents.
- Evaluation of in-place-density, the special inspector shall determine that the in-place-density of the existing soils and compacted fill complies with the approved soils report or as specified on the contract documents.

DRAWING INDEX

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S140	ATTIC FLOOR FRAMING PLAN
S150	ROOF FRAMING PLAN
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S201	ELEVATIONS
S202	ELEVATIONS
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S320	FRAMING SECTIONS

TYPICAL ABBREVIATION LIST

AEF	= Alternate Each Face	LG	= Long
ARCH	= Architect	LL	= Live Load
BLDG	= Building	LLH	= Long Leg Horizontal
BM	= Beam	LLV	= Long Leg Vertical
B/FTG	= Bottom of Footing	LSL	= Laminated Strand Lumber
B/DECK	= Bottom of Deck	LVL	= Laminated Veneer Lumber
BRG	= Bearing	MAX	= Maximum
CIP	= Cast In Place	MECH	= Mechanical
CJ	= Control Joint	MIN	= Minimum
CL	= Center Line	ML	= Micro Laminated
CLR	= Clear	NS	= Non Shrink
CMU	= Concrete Masonry Unit	NTS	= Not to Scale
CONC	= Concrete	o.c.	= On Center
CONT	= Continuous	PAF	= Powder Actuated Fastener
DL	= Dead Load	PC	= Piece
DWG	= Drawings	PEMB	= Pre-Engineered Metal Building
EJ	= Expansion Joint	PL	= Plate
EL	= Elevation	psf	= Pounds Per Square Foot
EMBD	= Embedment	RD	= Roof Drain
ENGR	= Engineer	REINF	= Reinforcement
EQ	= Equal Distance	RTU	= Roof Top Unit
EW	= Each Way	SDS	= Self Drilling Screw
EF	= Each Face	SF	= Step Footing
EX	= Existing	SW	= Step Wall
EXT	= Exterior	SB	= Solid Bearing
FTG	= Footing	SCH	= Schedule
FND	= Foundation	SIM	= Similar
ga	= Gauge	STL	= Steel
GALV	= Galvanized	SRD	= Secondary Roof Drain
GC	= General Contractor	T/FTG	= Top Of Footing
GRAN	= Granular	TS	= Tube Steel
HORZ	= Horizontal	TYP	= Typical
HD	= Hold Down Anchor	UNO	= Unless Noted Otherwise
HSS	= Hollow Structural Section	VERT	= Vertical
k	= Kips	WWF	= Welded Wire Fabic
ksf	= Kips Per Square Foot	WF	= Wide Flange
lbs	= Pounds	WP	= Work Point

NOT ALL ABBREVIATIONS APPLY. INCLUDED FOR REFERENCE ONLY.

STRUCTURAL INFORMATION NOTED IS BASED ON ASSUMPTIONS OF CONDITION OF EXISTING FRAMING & FRAMING HIDDEN FROM VISUAL OBSERVATION. DETAILS OF PROPOSED FRAMING MODIFICATION/REPAIRS ARE SUBJECT TO CHANGE ONCE DEMOLITION IS UNDERWAY

NOT FOR CONSTRUCTION

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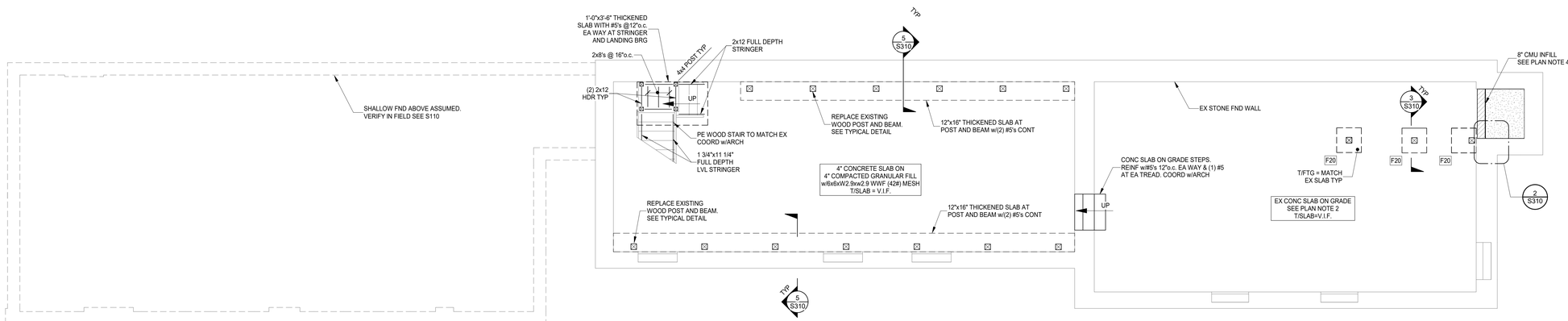
3CDC CINCINNATI CENTER CITY DEVELOPMENT CORPORATION

#	Revision/Submission	Date
	PERMIT	06.02.2023
1	PERMIT REVISION 1	07.14.2023
	OHFA PRELIM. SUBMISSION	09.21.2023

Project Number: 23188.08
Design Team: NFB / SJ

GENERAL STRUCTURAL NOTES AND SPECIAL INSPECTIONS

S001



FOUNDATION PLAN

SCALE 1/4" = 1'-0"

NORTH

FOOTING SCHEDULE		
MARK	DESCRIPTION	T/FTG
F20	2'-0"x2'-0"x1'-0" CONC FOOTING w/(2) #5's EACH WAY BOTTOM	SEE PLAN

INFILL DESIGN NOTES:

1. INFILL TO BE LEAN CONCRETE PLACED IN 24" MAX LIFTS.
2. INFILL TO BE PLACED AFTER EACH LIFT HAS BEEN GIVEN TIME TO CURE AND SET UP PRIOR TO PLACING NEXT LIFT.
3. INFILL AREA TO BE RELATIVELY DRY AND FREE OF DELETERIOUS MATERIAL PRIOR TO INFILL PLACEMENT.
4. INFILL IS TO BE PLACED UP TO THE UNDERSIDE OF THE CONCRETE SLAB.
5. VERIFY INFILL DESIGN PARAMETERS WITH DOT REQUIREMENTS COORD w/E.O.R. FOR DISCREPANCIES WITH STATED REQUIREMENTS.

PLAN NOTES:

1. COORDINATE ALL DIMENSIONS, DOOR AND WINDOW LOCATIONS WITH ARCHITECTURAL DRAWINGS.
2. FIELD VERIFY PRESCENCE/CONDITION OF EXISTING CONCRETE SLAB. DEMO AND REPLACE SLAB WHERE COMPROMISED WITH 4" CONCRETE SLAB ON GRADE WITH W.W.F. 6x6xW2.9xW2.9 MESH CENTERED ON CHAIRS IN SLAB. T/SLAB = MATCH EXISTING. LOCATE CONTROL JOINTS AT 12'-0" MAX.
3. TUCK POINT OPEN JOINTS IN FOUNDATION AS REQUIRED. RESET STONE IN FND WALL WHERE MISSING OR LOOSE.
4. SEE PLAN DETAIL 2/S310 FOR TYPICAL WALL DETAILS AT 8" CMU INFILL WALL. REINFORCE WALL WITH #5 VERT @32"o.c. AND HORIZ BOND BEAMS WITH (2) #5's AT 24"o.c. GROUT ENTIRE WALL SOLID. SEE INFILL DESIGN NOTES FOR INFILL PROCEDURE. INFILL MUST BE PLACED IN LIFTS AND ALLOWED TO CURE BETWEEN LIFTS TO PREVENT FAILURE OF THE INFILL WALL.

STRUCTURAL INFORMATION NOTED IS BASED ON ASSUMPTIONS OF CONDITION OF EXISTING FRAMING & FRAMING HIDDEN FROM VISUAL OBSERVATION. DETAILS OF PROPOSED FRAMING MODIFICATION/REPAIRS ARE SUBJECT TO CHANGE ONCE DEMOLITION IS UNDERWAY

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CINCINNATI, OH 45202

3CDC CINCINNATI CENTER CITY DEVELOPMENT CORPORATION

#	Revision/Submission	Date
	PERMIT	06.02.2023
	OHFA PRELIM. SUBMISSION 09.21.2023	

Project Number: 23188.08
Design Team: NFB / SJ

FOUNDATION PLAN

S100

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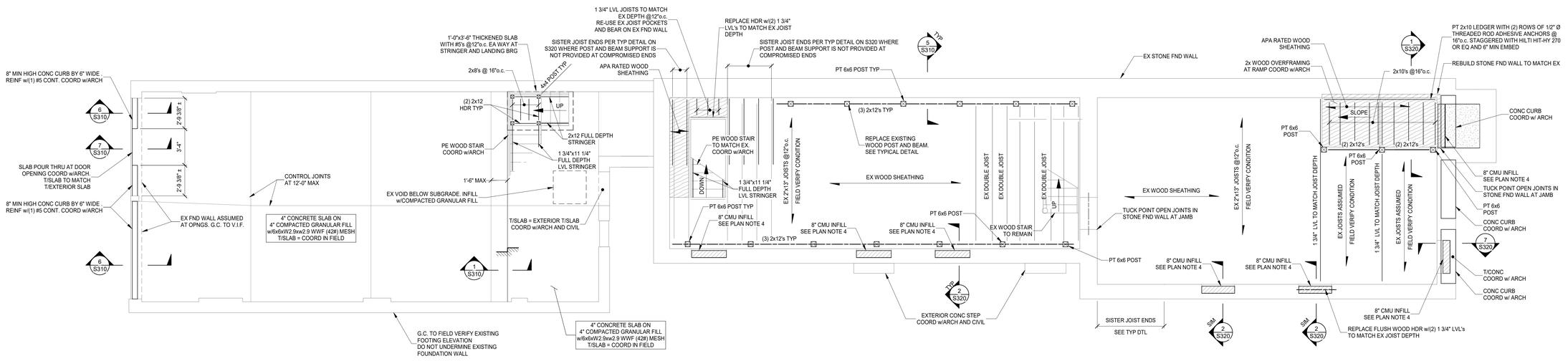

1ST FLOOR FRAMING PLAN

SCALE 1/4" = 1'-0"

NORTH

INFILL DESIGN NOTES:

1. INFILL TO BE LEAN CONCRETE PLACED IN 24" MAX LIFTS.
2. INFILL TO BE PLACED AFTER EACH LIFT HAS BEEN GIVEN TIME TO CURE AND SET UP PRIOR TO PLACING NEXT LIFT.
3. INFILL AREA TO BE RELATIVELY DRY AND FREE OF DELETERIOUS MATERIAL PRIOR TO INFILL PLACEMENT.
4. INFILL IS TO BE PLACED UP TO THE UNDERSIDE OF THE CONCRETE SLAB.
5. VERIFY INFILL DESIGN PARAMETERS WITH DOT REQUIREMENTS COORD w/E.O.R. FOR DISCREPANCIES WITH STATED REQUIREMENTS.

EXISTING / NEW LINTELS	
	EXISTING LINTEL TO REMAIN
L1	NEW LINTEL, SEE SCHEDULE

PLAN NOTES:

1. COORDINATE ALL DIMENSIONS, DOOR AND WINDOW LOCATIONS WITH ARCHITECTURAL DRAWINGS.
2. FIELD VERIFY PRESCENCE/CONDITION OF EXISTING CONCRETE SLAB. DEMO AND REPLACE SLAB WHERE COMPROMISED WITH 4" CONCRETE SLAB ON GRADE WITH W.W.F. 6x6xW2.9xW2.9 MESH CENTERED ON CHAIRS IN SLAB. T/SLAB = MATCH EXISTING. LOCATE CONTROL JOINTS AT 12'-0" MAX.
3. TUCK POINT OPEN JOINTS IN FOUNDATION AS REQUIRED. RESET STONE IN FND WALL WHERE MISSING OR LOOSE.
4. SEE PLAN DETAIL 2/S310 FOR TYPICAL WALL DETAILS AT 8" CMU INFILL WALL. REINFORCE WALL WITH #5 VERT @32"o.c. AND HORIZ BOND BEAMS WITH (2) #5's AT 24"o.c. GROUT ENTIRE WALL SOLID. SEE INFILL DESIGN NOTES FOR INFILL PROCEDURE. INFILL MUST BE PLACED IN LIFTS AND ALLOWED TO CURE BETWEEN LIFTS TO PREVENT FAILURE OF THE INFILL WALL.

STRUCTURAL INFORMATION NOTED IS BASED ON ASSUMPTIONS OF CONDITION OF EXISTING FRAMING & FRAMING HIDDEN FROM VISUAL OBSERVATION. DETAILS OF PROPOSED FRAMING MODIFICATION/REPAIRS ARE SUBJECT TO CHANGE ONCE DEMOLITION IS UNDERWAY

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PREPARED FOR: CITY STUDIOS ARCHITECTURE

RUSS ALLEY

1631- 1633 VINE STREET, 1630 REPUBLIC STREET

(1633 VINE STREET HPTC APPLICATION)

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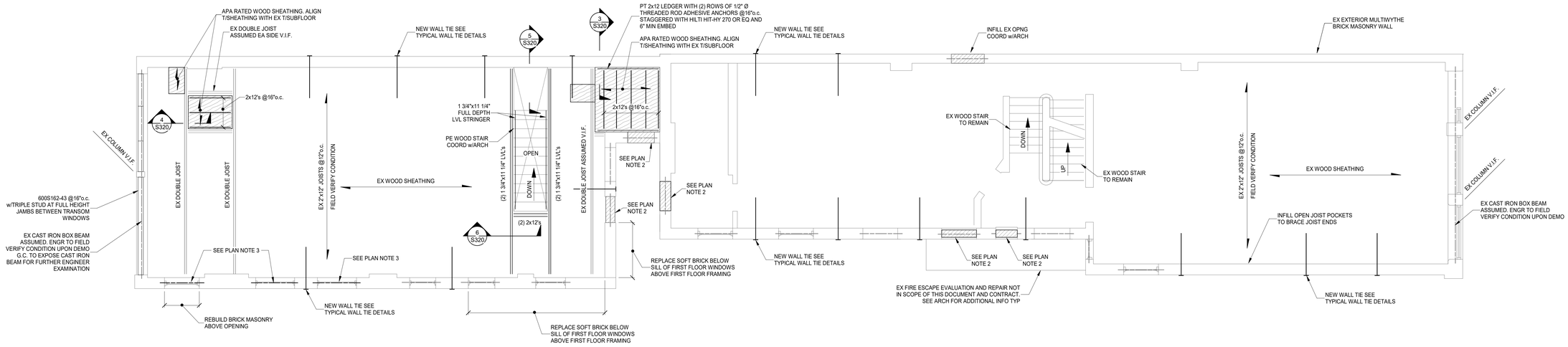
1ST FLOOR FRAMING PLAN

S110



2ND FLOOR FRAMING PLAN

SCALE 1/4" = 1'-0"

NORTH

EXISTING / NEW LINTELS	
	EXISTING LINTEL TO REMAIN
L1	NEW LINTEL, SEE SCHEDULE

PLAN NOTES:

1. COORDINATE ALL DIMENSIONS, DOOR AND WINDOW LOCATIONS WITH ARCHITECTURAL DRAWINGS.
2. RECESSED BRICK MASONRY INFILL AT EXISTING OPENING. COORDINATE WITH ARCHITECT FOR RECESSED DIMENSIONS EACH FACE.
3. EX EXTERIOR STONE LINTEL TO REMAIN. REPLACE EX WOOD LINTEL w/4x8 PRECAST CONCRETE LINTEL WITH (1) #5 TOP AND BOTTOM PER 4" INTERIOR WYTHE

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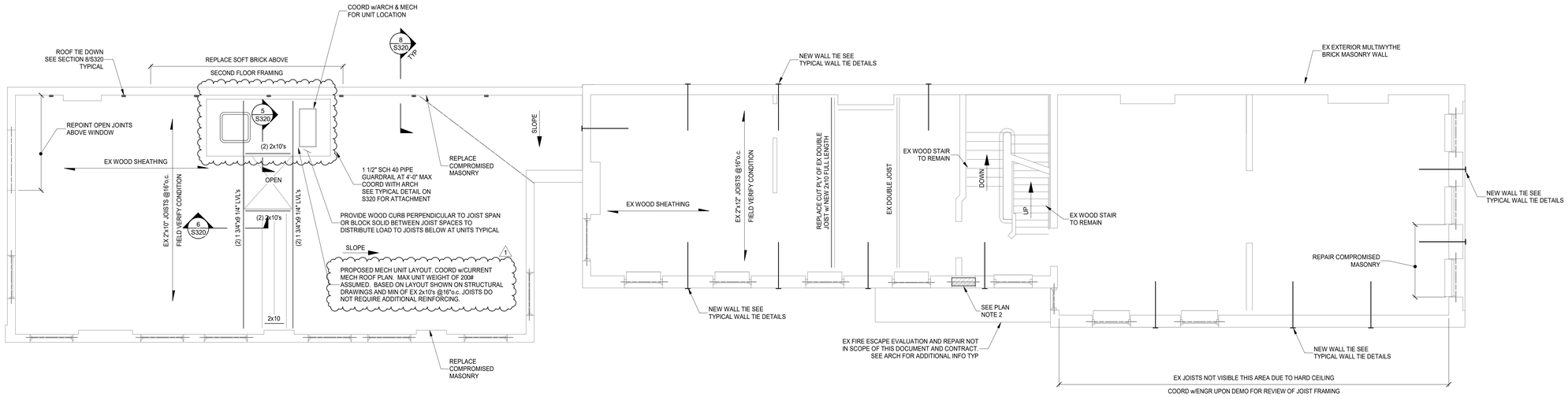
2ND FLOOR FRAMING PLAN

S120



3RD FLOOR FRAMING PLAN

SCALE 1/4" = 1'-0"

NORTH

EXISTING / NEW LINTELS	
	EXISTING LINTEL TO REMAIN
L1	NEW LINTEL, SEE SCHEDULE

PLAN NOTES:

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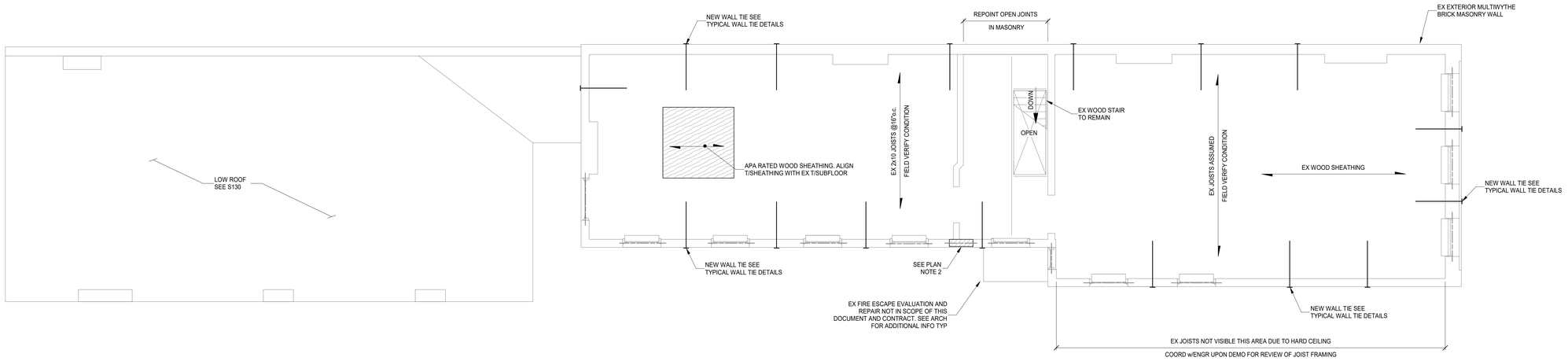
3RD FLOOR FRAMING PLAN

S130



ATTIC FLOOR FRAMING PLAN

SCALE 1/4" = 1'-0"

NORTH

EXISTING / NEW LINTELS
EXISTING LINTEL TO REMAIN
NEW LINTEL, SEE SCHEDULE (L1)

PLAN NOTES:

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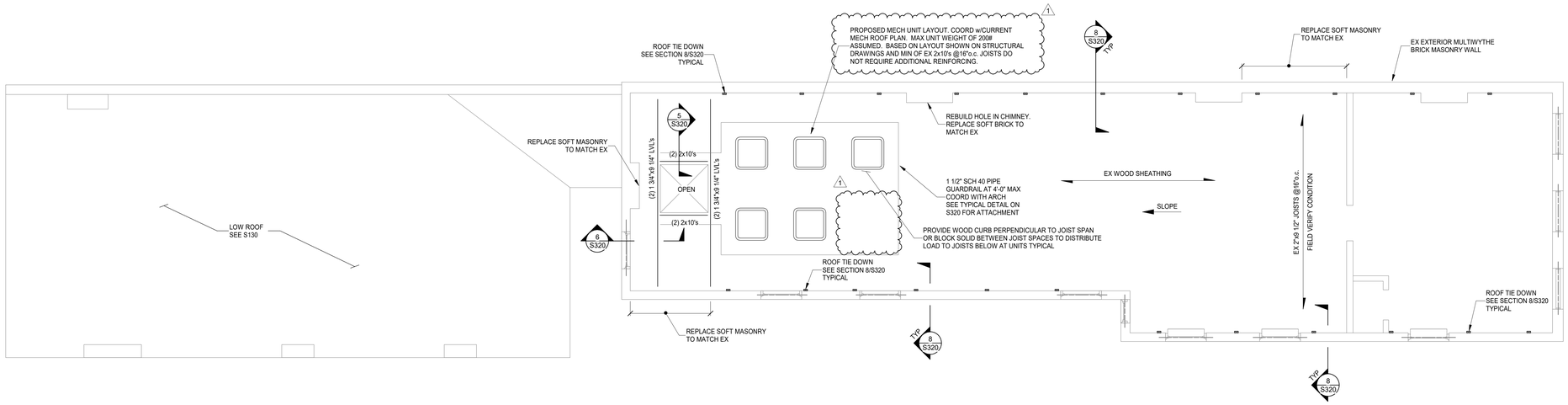
ATTIC FLOOR FRAMING PLAN

S140



ROOF FRAMING PLAN

SCALE 1/4" = 1'-0"

NORTH

EXISTING / NEW LINTELS
EXISTING LINTEL TO REMAIN
NEW LINTEL, SEE SCHEDULE (L1)

PLAN NOTES:

1. COORDINATE ALL DIMENSIONS, DOOR AND WINDOW LOCATIONS WITH ARCHITECTURAL DRAWINGS.
2. RECESSED BRICK MASONRY INFILL AT EXISTING OPENING. COORDINATE WITH ARCHITECT FOR RECESSED DIMENSIONS EACH FACE.
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ROOF FRAMING PLAN

S150

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NORTH ELEVATION
SCALE 1/4" = 1'-0"

ELEVATION NOTES:

1. TUCKPOINT JOINTS IN MASONRY WHERE MORTAR IS SOFT, DAMAGED OR MISSING.
2. REMOVE AND REPLACE SPALLING OR SOFT BRICK THAT IS COMPROMISED MORE THAT 3/4" OF DEPTH.
3. REMOVE CRACKED, DAMAGED OR SEVERLY SPALLED LINTELS AND REPLACE WITH RECLAIMED STONE OR CAST STONE LINTEL TO MATCH EXISTING.
4. ALL OBSERVATIONS WHERE MADE FROM THE GROUND LEVEL AND REPAIRS ARE SUBJECT TO CHANGE BASED ON CONTRACTOR HANDS ON INSPECTIONS.
5. AT CRACKS OR DAMAGED AREAS OF PARGE COAT, CONTRACTOR SHALL REMOVE ALL PARGE COAT THAT IS NOT SOUNDLY CONNECTED TO THE BRICK, AND REPLACE WITH NEW PARGE COAT. TUCKPOINT ANY DETERIORATED MORTAR JOINTS PRIOR TO APPLYING NEW PARGE COAT.

BRICK REPAIR LEGEND:

- TUCKPOINT
- REPLACE BRICK
- REPAIR BRICK
- NEW MASONRY

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ELEVATIONS

S200

ELEVATION NOTES:

1. TUCKPOINT JOINTS IN MASONRY WHERE MORTAR IS SOFT, DAMAGED OR MISSING.
2. REMOVE AND REPLACE SPALLING OR SOFT BRICK THAT IS COMPROMISED MORE THAT 3/4" OF DEPTH.
3. REMOVE CRACKED, DAMAGED OR SEVERLY SPALLED LINTELS AND REPLACE WITH RECLAIMED STONE OR CAST STONE LINTEL TO MATCH EXISTING.
4. ALL OBSERVATIONS WHERE MADE FROM THE GROUND LEVEL AND REPAIRS ARE SUBJECT TO CHANGE BASED ON CONTRACTOR HANDS ON INSPECTIONS.
5. AT CRACKS OR DAMAGED AREAS OF PARGE COAT, CONTRACTOR SHALL REMOVE ALL PARGE COAT THAT IS NOT SOUNDLY CONNECTED TO THE BRICK, AND REPLACE WITH NEW PARGE COAT. TUCKPOINT ANY DETERIORATED MORTAR JOINTS PRIOR TO APPLYING NEW PARGE COAT.

BRICK REPAIR LEGEND:

- TUCKPOINT
- REPLACE BRICK
- REPAIR BRICK
- NEW MASONRY

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ELEVATIONS

S201

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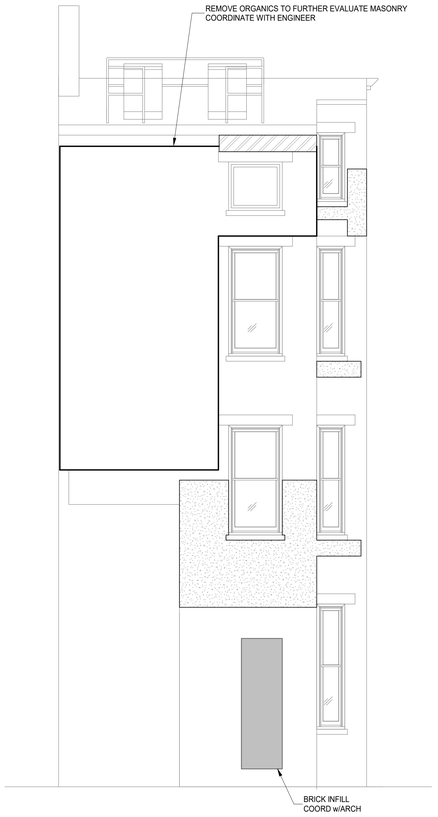
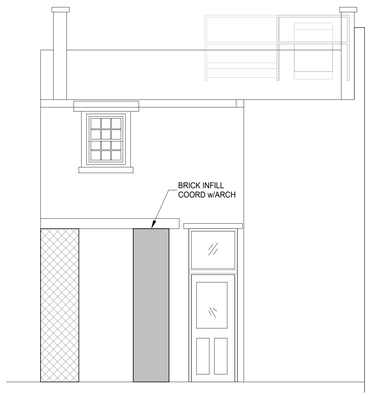


WEST COURTYARD FRONT ELEVATION
SCALE 1/4" = 1'-0"



EAST COURTYARD REAR ELEVATION
SCALE 1/4" = 1'-0"

EAST VINE ST ELEVATION
SCALE 1/4" = 1'-0"

WEST REPUBLIC ST ELEVATION
SCALE 1/4" = 1'-0"

ELEVATION NOTES:

1. TUCKPOINT JOINTS IN MASONRY WHERE MORTAR IS SOFT, DAMAGED OR MISSING.
2. REMOVE AND REPLACE SPALLING OR SOFT BRICK THAT IS COMPROMISED MORE THAT 3/4" OF DEPTH.
3. REMOVE CRACKED, DAMAGED OR SEVERLY SPALLED LINTELS AND REPLACE WITH RECLAIMED STONE OR CAST STONE LINTEL TO MATCH EXISTING.
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BRICK REPAIR LEGEND:

- TUCKPOINT
- REPLACE BRICK
- REPAIR BRICK
- NEW MASONRY

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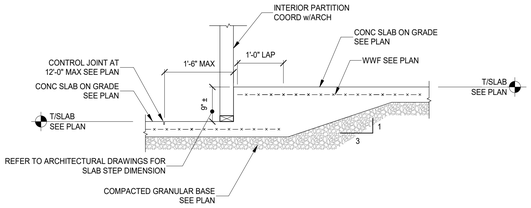
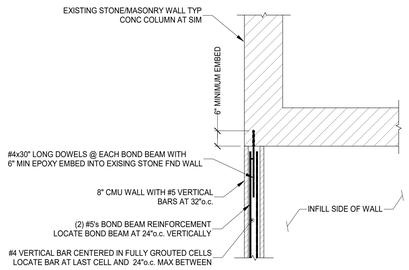
ELEVATIONS

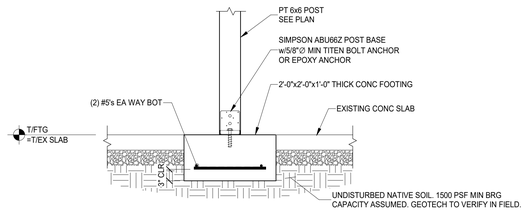
S202



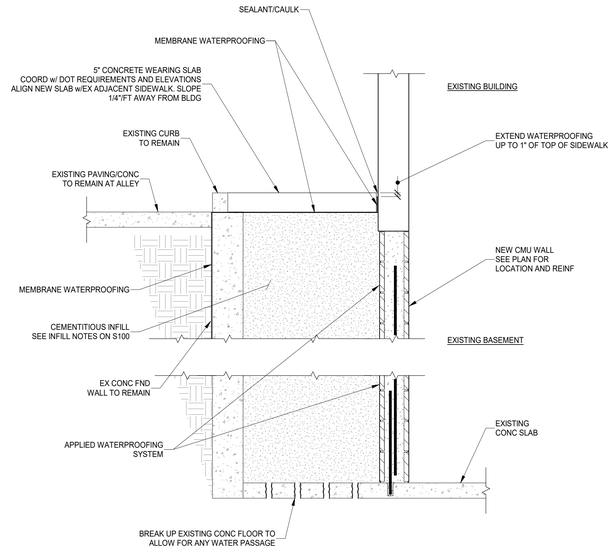
SECTION 1 / S310
SCALE 3/4" = 1'-0"



SECTION 2 / S310
SCALE 1/2" = 1'-0"



SECTION 3 / S310
SCALE 3/4" = 1'-0"



TYP FULL HEIGHT INFILL DETAIL
SCALE 3/4" = 1'-0"

SECTION 5 / S310
SCALE 3/4" = 1'-0"

SECTION 6 / S310
SCALE 3/4" = 1'-0"

SECTION 7 / S310
SCALE 3/4" = 1'-0"

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FOUNDATION SECTIONS

S310

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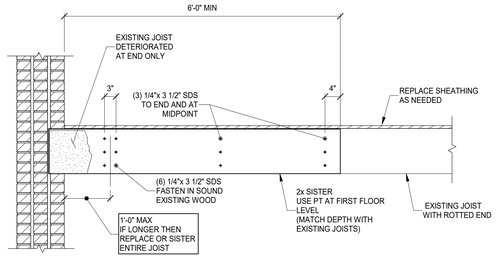
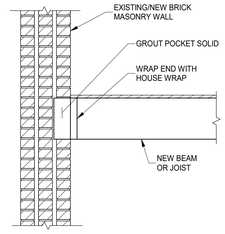


TYPICAL JOIST END SISTER DETAIL
SCALE 3/4" = 1'-0"



TYPICAL JOIST/BEAM POCKET DETAIL
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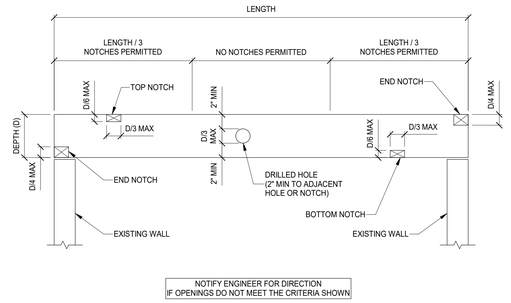
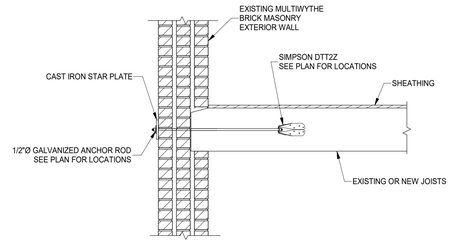
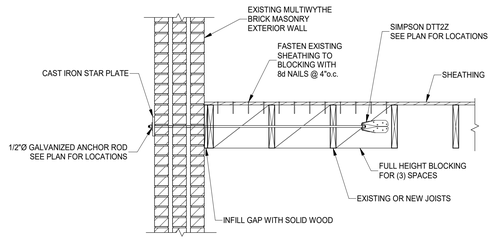


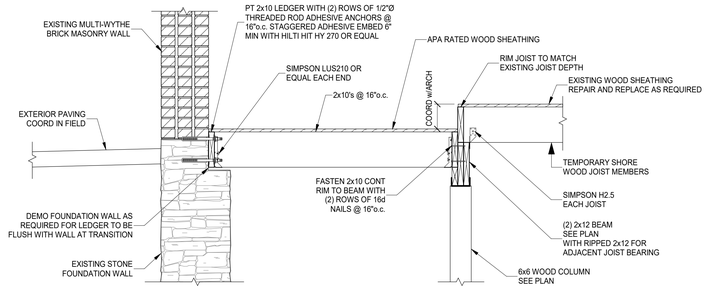
ALLOWABLE WOOD JOIST OPENINGS
SCALE 3/4" = 1'-0"



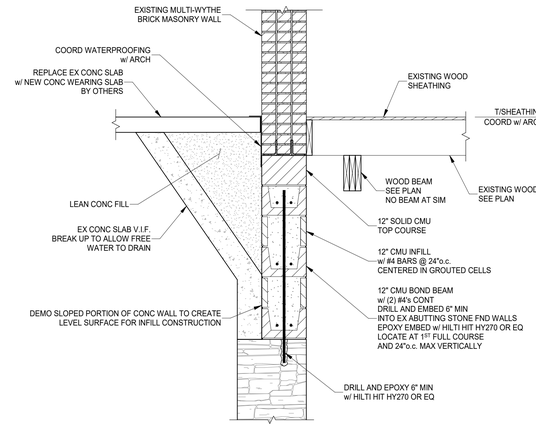
TYPICAL WALL TIE JOIST PARALLEL
SCALE 3/4" = 1'-0"



TYPICAL WALL TIE JOIST PERPENDICULAR
SCALE 3/4" = 1'-0"



SECTION 1 / S320
SCALE 3/4" = 1'-0"



SECTION 2 / S320
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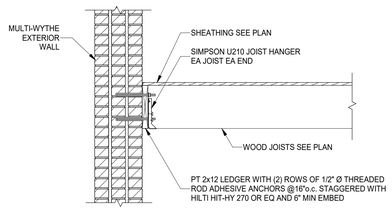

SECTION 3 / S320
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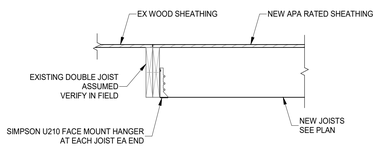

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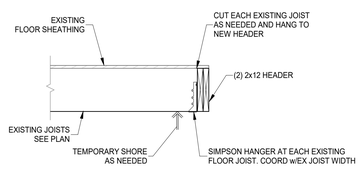

SECTION 5 / S320
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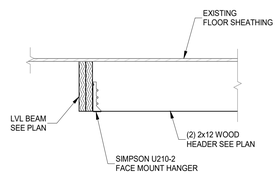

SECTION 6 / S320
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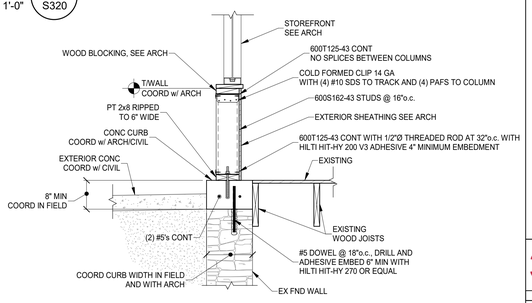

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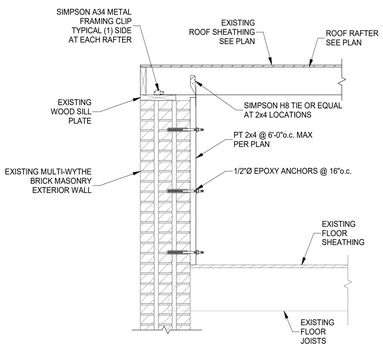
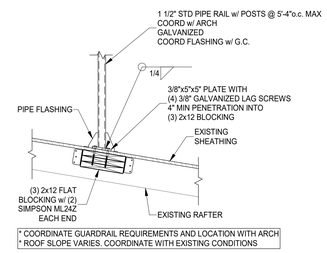


SECTION 8 / S320
SCALE 3/4" = 1'-0"



* COORDINATE GUARDRAIL REQUIREMENTS AND LOCATION WITH ARCH
* ROOF SLOPE VARIES. COORDINATE WITH EXISTING CONDITIONS

TYPICAL RAILING CONNECTION TO ROOF
SCALE 3/4" = 1'-0"

STRUCTURAL INFORMATION NOTED IS BASED ON ASSUMPTIONS OF CONDITION OF EXISTING FRAMING & FRAMING HIDDEN FROM VISUAL OBSERVATION. DETAILS OF PROPOSED FRAMING MODIFICATION/REPAIRS ARE SUBJECT TO CHANGE ONCE DEMOLITION IS UNDERWAY

NOT FOR CONSTRUCTION

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3CDC CINCINNATI CENTER CITY DEVELOPMENT CORPORATION

#	Revision/Submission	Date
	PERMIT	06.02.2023
	OHFA PRELIM. SUBMISSION	09.21.2023

Project Number: 23188.08
Design Team: NFB / SJ

FRAMING SECTIONS

S320

HVAC GENERAL NOTES:

1. ALL MECHANICAL EQUIPMENT AND INSTALLATIONS SHALL CONFORM WITH THE REQUIREMENTS OF THE 2017 OHIO MECHANICAL CODE, THE 2017 OHIO BUILDING CODE, THE 2017 OHIO ENERGY CODE, STATE AMENDMENTS, NFPA 90A, 96, 101, UNDERWRITERS LABORATORIES AND ALL APPLICABLE LOCAL CODES AND ORDINANCES.
2. THE LOCATIONS, ARRANGEMENT AND EXTENT OF EQUIPMENT, DEVICES, CONDUIT, AND OTHER APPURTENANCES RELATED TO THE INSTALLATION OF MECHANICAL WORK SHOWN ON DRAWINGS ARE APPROXIMATE. THE CONTRACTOR SHALL NOT SCALE DRAWINGS, BUT SHALL REFER TO THE ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS OF BUILDING COMPONENTS. SHOULD A CONFLICT EXIST BETWEEN THE ARCHITECTURAL AND ENGINEERING DRAWINGS REGARDING DIMENSIONS AND SCALE, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF THE DISCREPANCY.
3. THE CONSTRUCTION DOCUMENTS SHALL BE COMPRISED OF BOTH PLANS AND SPECIFICATIONS; THEREFORE, ALL HVAC WORK PERFORMED SHALL CONFORM TO THE REQUIREMENTS DESCRIBED IN BOTH. NEITHER SHALL TAKE PRECEDENCE OVER THE OTHER, BUT RATHER, THEY SHALL BE AN EXTENSION OF EACH OTHER. SHOULD A CONFLICT EXIST BETWEEN THE PLANS AND SPECIFICATIONS, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF THE DISCREPANCY.
4. MATERIALS, EQUIPMENT OR LABOR NOT INDICATED BUT WHICH CAN BE REASONABLY INFERRED TO BE NECESSARY FOR A COMPLETE INSTALLATION SHALL BE PROVIDED. DRAWINGS AND SPECIFICATIONS DO NOT UNDERTAKE TO INDICATE EVERY ITEM OF MATERIAL, EQUIPMENT, OR LABOR REQUIRED TO PRODUCE A COMPLETE AND PROPERLY OPERATING INSTALLATION.
5. ANY WALL, FLOOR, OR CEILING SURFACE THAT IS DISTURBED DURING THE COURSE OF THE HVAC WORK SHALL BE REPAIRED TO NEW CONDITION.
6. ALL MECHANICAL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH UNDERWRITER'S APPROVAL, MANUFACTURER'S RECOMMENDATIONS, GOOD ENGINEERING PRACTICE, AND ALL APPLICABLE CODE REQUIREMENTS.
7. ALL MECHANICAL EQUIPMENT AND SYSTEMS SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR AFTER ACCEPTANCE BY OWNER.
8. ALL HVAC COMPRESSORS SHALL HAVE EXTENDED 4 YEAR MANUFACTURER'S WARRANTY FOR A 5-YEAR TOTAL WARRANTY.
9. INSTALL GRADE MOUNTED OUTDOOR AIR CONDITIONING EQUIPMENT LEVEL ON 4" THICK REINFORCED CONCRETE PADS, EXTENDING 6" ON ALL SIDES BEYOND UNIT PERIMETER.
10. EQUIPMENT SHALL BE LOCATED AT LEAST 10'-0" FROM ALL ROOF EDGES OR OPEN SIDES OF A WALKING SURFACE WHERE SUCH OPEN SIDE IS MORE THAN 30" ABOVE THE ADJACENT SURFACE. WHERE EQUIPMENT IS WITHIN 10'-0" OF SUCH DROPOFFS, FALL PROTECTION GUARDS SHALL BE PROVIDED. GUARDS SHALL BE MINIMUM 42" TALL AND EXTEND AT LEAST 30" BEYOND EACH END OF THE EQUIPMENT. GUARD SHALL BE CONSTRUCTED SO AS TO PREVENT THE PASSAGE OF A 21" SPHERE AND SHALL COMPLY WITH LOADING REQUIREMENTS OF THE IBC.
11. AIR HANDLING AND FAN COIL UNITS LOCATED ABOVE THE LOWEST LEVEL FINISHED FLOOR SHALL BE INSTALLED WITH AN AUXILIARY CONDENSATE DRAIN PAN UNDER THE UNIT. PROVIDE AN ELECTRONIC WATER LEVEL DETECTOR WIRED TO SHUTDOWN THE UNIT UPON DETECTION IN SECONDARY DRAIN PAN. INSTALL MINIMUM 4' X 4' X 3/4" THICK PLYWOOD SERVICE PLATFORM ON SERVICE SIDE OF UNITS LOCATED IN ATTIC SPACES.
12. MOUNT TOP OF THERMOSTATS AND OTHER CONTROL DEVICES 46" AFF UNLESS NOTED OTHERWISE. PROVIDE CLEAR LOCKING COVER FOR ALL PUBLIC AREA THERMOSTATS. COORDINATE THERMOSTAT LOCATIONS WITH OTHER TRADES.
13. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL MECHANICAL EQUIPMENT, DUCTWORK, PIPING, ETC. TO FIT WITHIN THE SPACE ALLOWED BY THE ARCHITECTURAL AND STRUCTURAL CONDITIONS. CUTTING OR OTHERWISE ALTERING ANY STRUCTURAL MEMBERS SHALL NOT BE PERMITTED WITHOUT WRITTEN PERMISSION FROM THE ARCHITECT.
14. ALL PIPE AND DUCT PENETRATIONS OF FIRE AND/OR SMOKE-RATED ASSEMBLIES SHALL BE FIRE-STOPPED AS REQUIRED TO RESTORE THE ASSEMBLY TO ITS ORIGINAL INTEGRITY. FIRE BARRIER PRODUCTS SHALL BE AS MANUFACTURED BY TREMCO, HILTI, 3M OR APPROVED EQUAL.
15. PROVIDE ACCESS PANELS IN NON-ACCESSIBLE CEILINGS AND IN WALL STRUCTURE TO ALLOW ADEQUATE ROOM FOR MAINTENANCE OF EQUIPMENT AND BALANCING OF SYSTEMS. ACCESS PANELS IN CEILING AND WALLS SHALL BE PROVIDED WHERE SHOWN ON THE DRAWINGS OR NECESSARY TO ACCESS DAMPERS, VALVES, ETC. COORDINATE EXACT LOCATION OF ALL ACCESS PANELS WITH THE ARCHITECT DURING THE SHOP DRAWING PROCESS.
16. ALL MECHANICAL EQUIPMENT SHALL BE LABELED WITH A SEMI-RIGID PLASTIC LAMINATE NAMEPLATE WITH 2" HIGH WHITE LETTERS ON A BLACK BACKGROUND SECURELY AFFIXED TO THE EQUIPMENT. THE NAMEPLATE SHALL SHOW THE EQUIPMENT TAG USED ON THESE DRAWINGS. ON RESIDENTIAL PROJECTS, THE NAMEPLATE ON THE OUTDOOR EQUIPMENT SHALL INDICATE THE APARTMENT OR CONDOMINIUM UNIT NUMBER IT SERVES AS WELL AS THE EQUIPMENT ID TAG.
17. REFER TO ARCHITECTURAL PLANS FOR FLOOR AND CEILING ASSEMBLY UL RATINGS AND DETAILS.
18. WHERE PLANS CALL FOR UNDERCUT DOORS IN FIRE-RATED WALLS, UNDERCUT SHALL NOT EXCEED 3/4" PER NFPA-80.
19. SHOP DRAWINGS SHALL BE SUBMITTED TO AND APPROVED BY THE ARCHITECT PRIOR TO ORDERING, PURCHASING, OR FABRICATING ANY MECHANICAL EQUIPMENT. SHOP DRAWINGS SHALL INCLUDE: ALL EQUIPMENT SCHEDULED OR SPECIFIED ON THE DRAWINGS; DUCTWORK DRAWN THE SCALE SHOWN ON THE DRAWINGS, REFRIGERANT PIPING AND CONTROL WIRING SCHEMATICS CERTIFIED BY THE AIR CONDITIONING EQUIPMENT MANUFACTURER. LONG LINE REFRIGERANT PIPING APPLICATIONS SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S CURRENT SPLIT SYSTEM LONG-LINE APPLICATION GUIDELINE.

MECHANICAL/ELECTRICAL COORDINATION:

20. CONTRACTOR SHALL COORDINATE ELECTRICAL CHARACTERISTICS AND REQUIREMENTS OF ALL MECHANICAL EQUIPMENT WITH ELECTRICAL DRAWINGS PRIOR TO ORDERING EQUIPMENT OR SUBMITTING SHOP DRAWINGS, AND SHALL FURNISH EQUIPMENT WIRED FOR THE VOLTAGES SHOWN THEREIN. SHOP DRAWING SUBMITTALS SHALL CLEARLY STATE THAT THE ELECTRICAL CHARACTERISTICS OF ALL EQUIPMENT HAS BEEN COORDINATED WITH THE ELECTRICAL CONTRACT DOCUMENTS AND THE ELECTRICAL CONTRACTOR.
21. ALL MECHANICAL EQUIPMENT REQUIRING ELECTRICAL POWER SHALL BE INSTALLED WITH DISCONNECT SWITCHES AT EACH PIECE OF EQUIPMENT. COORDINATE SWITCH TYPE (FUSED OR NON-FUSED) WITH EQUIPMENT CHARACTERISTICS, MANUFACTURER'S RECOMMENDATIONS AND THE ELECTRICAL DRAWINGS.
22. ALL REQUIRED CONTROL WIRING (INCLUDING POWER WIRING REQUIRED FOR CONTROL PANELS, DEVICES, ETC.) NOT SHOWN ON THE ELECTRICAL DRAWINGS SHALL BE INCLUDED AS PART OF THE MECHANICAL WORK. WIRING IN HVAC PLENUM SPACES SHALL BE INSTALLED ACCORDING TO CODE REQUIREMENTS.
23. UNLESS NOTED OTHERWISE, TRANSFORMERS, CONTROLS AND CONTROL WIRING REQUIRED FOR ALL MECHANICAL SYSTEMS SHALL BE FURNISHED WITH THE EQUIPMENT IT SERVES AND INSTALLED BY THE MECHANICAL CONTRACTOR. MOTOR STARTERS FOR HVAC EQUIPMENT SHALL BE FURNISHED BY THE MECHANICAL CONTRACTOR AND INSTALLED BY THE ELECTRICAL CONTRACTOR.

AIR DISTRIBUTION:

24. SUPPLY, RETURN, OUTSIDE, AND EXHAUST AIR DUCTWORK SHALL BE CONSTRUCTED OF GALVANIZED SHEETMETAL IN ACCORDANCE WITH SMACNA DUCT CONSTRUCTION STANDARDS, LATEST EDITION. WHERE DUCTWORK PENETRATES A 1-HR FIRE-RATED ASSEMBLY, MINIMUM 26 GAGE GALVANIZED STEEL SHALL BE USED FOR THE ENTIRE LENGTH OF THE DUCT. ALL JOINTS AND SEAMS IN ALL SHEETMETAL DUCTWORK SHALL BE SEALED WITH DUCT SEALER.
25. ALL DUCTWORK SHALL BE SUPPORTED BY THE BUILDING STRUCTURE AND SHALL NOT REST ON CEILING TILES OR CEILING STRUCTURE. DUCT SUPPORTS AND ATTACHMENT TO STRUCTURE SHALL BE PER SMACNA STANDARDS.
26. FLEXIBLE DUCTWORK SHALL BE THERMAFLEX M-KE (U.L. 181 LISTED, CLASS 1 FLEXIBLE AIR DUCT) OR EQUAL. PROVIDE MINIMUM INSULATION VALUE OF R-6, R-8 WHEN LOCATED OUTSIDE THE THERMAL ENVELOPE OF THE BUILDING. AIR CONNECTORS ARE NOT ACCEPTABLE. FLEX DUCT DIAMETER SHALL MATCH DEVICE NECK DIAMETER. PROVIDE ROUND GALVANIZED STEEL DUCT RUNOUTS TO MAINTAIN A MAXIMUM FLEXIBLE DUCT LENGTH OF 8'-0" (EXCEPT IN RESIDENTIAL APPLICATIONS LENGTH SHALL BE AS INDICATED). FLEXIBLE DUCTWORK SHALL BE INSTALLED AS STRAIGHT AS POSSIBLE AND SHALL BE ROUTED AND SUPPORTED WITHOUT FORMING CRIMPS OR OTHER AIR FLOW RESTRICTIONS. PROVIDE SQUARE TO ROUND ADAPTERS OR BOOTS TO CONNECT TO AIR DEVICE NECK WHEN REQUIRED.
27. ROUND AND FLEXIBLE SUPPLY AIR DUCTWORK SHALL BE CONNECTED TO MAIN DUCTS WITH A SPIN-IN FITTING WITH SCOOP AND BALANCING DAMPER. IN RESIDENTIAL SPACES, TAB-TYPE FITTINGS ARE ACCEPTABLE, AND AIRFLOW SHALL BE BALANCED AT THE AIR DEVICES.
28. TAPE, BED AND SEAL AIR TIGHT ALL PENETRATIONS FROM RETURN AIR PLENUMS TO NON RETURN AIR PLENUMS THAT ARE REQUIRED DUE TO DUCTWORK, PIPING OR OTHER ITEMS.
29. EXHAUST AND OUTDOOR AIR INTAKE DUCTWORK SHALL BE FURNISHED WITH A BUILT-IN BACK-DRAFT DAMPER (GRAVITY TYPE UNLESS NOTED OTHERWISE ON PLANS) AND MESH INSECT SCREEN (EXCEPT DRYER VENTS).
30. DRYER VENT DUCTWORK SHALL BE 4-INCH ROUND AND BE 26 GAUGE GALVANIZED STEEL INSTALLED WITH LONGITUDINAL SEAMS FACING UP AND MALE CRIMPED END INSTALLED IN THE DIRECTION OF FLOW. ROUTE DRYER VENT TO THE EXTERIOR WALL CAP AS DIRECT AS POSSIBLE. DO NOT SECURE DUCTWORK WITH SHEET METAL SCREWS.
31. PORTIONS OF DUCTWORK AND PIPE INSULATION VISIBLE THROUGH AIR DISTRIBUTION DEVICES IN FINISHED AREAS SHALL BE PAINTED FLAT BLACK.
32. DUCTWORK DIMENSIONS SHOWN ON THE DRAWINGS ARE INSIDE CLEAR DIMENSIONS.
33. INSTALL FIRE DAMPERS IN ALL THROUGH PENETRATIONS IN FIRE-RATED WALLS, FLOOR AND CEILINGS. IN DYNAMIC SYSTEMS (SYSTEMS NOT DESIGNED TO STOP OPERATING DURING A FIRE EVENT), FIRE DAMPERS SHALL BE THE DYNAMIC TYPE WITH BLADES OUT OF THE AIRSTREAM WHERE POSSIBLE. FOR SYSTEMS DESIGNED TO STOP OPERATING DURING A FIRE EVENT, STATIC FIRE DAMPERS SHALL BE ALLOWED. REFER TO THE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF RATED ASSEMBLIES.
    - 33.1. WHERE DUCTS PENETRATE FIRE-RATED WALLS AND HAVE DUCT OPENINGS SERVING SPACES ON BOTH SIDES OF THE RATED WALL, FIRE/SMOKE DAMPERS SHALL BE PROVIDED AT FIRE-RATED WALL PENETRATION.
34. INSTALL CEILING RADIATION DAMPERS AT DIFFUSERS MOUNTED IN FIRE-RATED CEILING ASSEMBLIES. WHERE DUCTWORK PENETRATES THE MEMBRANE OF A FIRE-RATED CEILING ASSEMBLY, INSTALL DUCT-DROP RATED CEILING RADIATION DAMPER. DAMPER SHALL BE DYNAMIC RATED OR SYSTEM SHALL BE DESIGNED TO STOP OPERATING DURING A FIRE EVENT. ALL DAMPERS SHALL BE U.L. 555C LABELED. ALL DAMPERS SHALL BE SPECIFICALLY LISTED (MAKE AND MODEL) AS APPROVED FOR USE IN THE UL LISTING OF THE FIRE-RESISTANCE-RATED CEILING ASSEMBLY PENETRATED.
35. INSTALL SMOKE DAMPERS IN ALL DUCT PENETRATIONS THROUGH SMOKE-RATED WALLS. WHERE DUCTS PENETRATE WALLS THAT CARRY BOTH FIRE AND SMOKE RATINGS, THE DAMPERS INSTALLED SHALL BE COMBINATION FIRE AND SMOKE DAMPERS. ALL DAMPERS SHALL BE U.L. 555 AND/OR 555S LABELED.
36. DUCT ACCESS DOORS: PROVIDE ACCESS DOORS IN DUCTWORK AT EACH FIRE, SMOKE, FIRE/SMOKE, OR DUCT-DROP RATED CEILING RADIATION DAMPER LOCATION.
37. LOCATIONS OF GRILLES, REGISTERS, & DIFFUSERS SHOWN ON THE DRAWINGS ARE APPROXIMATE. COORDINATE EXACT LOCATIONS WITH CEILING GRID, LIGHT FIXTURES, SPRINKLER HEADS, SPEAKERS, SMOKE ALARMS, ETC. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN.
38. AFTER CONSTRUCTION, THE ENTIRE HVAC SYSTEM SHALL BE TESTED, ADJUSTED, AND BALANCED TO DELIVER THE AIR AND WATER QUANTITIES SHOWN ON THE DRAWINGS (NOT APPLICABLE TO DWELLING UNITS). SUBMIT CERTIFIED (AABC OR NEBB) TEST AND BALANCE REPORT TO THE ARCHITECT FOR APPROVAL. NOT APPLICABLE TO DWELLING UNITS.

PIPING:

39. REFRIGERANT PIPING SHALL BE TYPE L OR REFRIGERATION SERVICE COPPER TUBING WITH BRAZED JOINTS.
40. REFRIGERANT LINE SET ACCESS PORTS SHALL HAVE LOCKING CAPS.
41. CONDENSATE FROM ALL AIR CONDITIONING EQUIPMENT SHALL BE TRAPPED AND ROUTED TO THE NEAREST FLOOR DRAIN OR OTHER PLUMBING DRAIN AS SHOWN ON PLANS. CONDENSATE PIPING SHALL BE SCHEDULE 40 PVC (EXCEPT CPVC IN HVAC PLENUMS). CONDENSATE SHALL BE PUMPED AS REQUIRED.
42. ALL PIPING ABOVE GRADE SHALL BE SUPPORTED BY THE BUILDING STRUCTURE AND SHALL NOT REST ON CEILING TILES OR CEILING STRUCTURE. PIPING HUNG FROM JOISTS SHALL BE HUNG FROM THE TOP CHORDS OF THE JOISTS.
43. EXPANSION IN PIPING SYSTEMS SHALL BE COMPENSATED FOR BY THE USE OF U-BENDS, Z-BENDS OR EXPANSION JOINTS AS INDICATED. U-BENDS (LOOPS) AND Z-BENDS SHALL BE COMPLETE WITH PIPE GUIDES AND ANCHORS.

INSULATION:

44. DUCT INSULATION:
    - 44.1. DUCT WRAP SHALL BE UL LISTED FIBERGLASS BLANKET INSULATION WITH FOIL VAPOR BARRIER. PUNCTURES AND TEARS IN THE FOIL JACKET SHALL BE PATCHED WITH FOIL TAPE TO MAINTAIN THE INTEGRITY OF THE VAPOR BARRIER. INSULATE SHEET METAL DUCTWORK IN THE THICKNESSES AND DENSITIES AS LISTED BELOW:
        - 44.1.1. SHEET METAL SUPPLY, RETURN, AND OUTSIDE AIR DUCTWORK: R-6 MINIMUM INSTALLED.
        - 44.5.2. EXHAUST DUCTWORK ROUTED WITHIN THE BUILDING THERMAL ENVELOPE SHALL NOT BE INSULATED UNLESS NOTED OTHERWISE.
        - 44.5.3. ALL SHEET METAL DUCT LOCATED OUTSIDE THE THERMAL ENVELOPE OF THE BUILDING: R-8 MINIMUM INSTALLED.
45. LINE ALL SHEETMETAL DUCTWORK A MINIMUM OF 10'-0" DOWNSTREAM OF ALL AIR HANDLING UNITS, FAN COIL UNITS AND TERMINAL UNITS. THE LEADING EDGE OF THE DUCT LINER SHALL HAVE A SHEETMETAL NOSING.

SEQUENCE OF OPERATION:

46. CONSTANT VOLUME DIRECT EXPANSION (DX) SYSTEM
    - 46.1. HEATING/COOLING = SYSTEM SHALL BE CONTROLLED BY AN ON/OFF/AUTO THERMOSTAT (7-DAY PROGRAMMABLE UNLESS NOTED OTHERWISE). THE FAN SHALL OPERATE CONTINUOUSLY. WHEN THE SPACE TEMPERATURE DEVIATES OUTSIDE THE THERMOSTAT SETPOINT, HEATING OR COOLING SHALL ENGAGE UNTIL THE SPACE TEMPERATURE RETURNS TO THE SETPOINT.
        - 46.1.1. IN DWELLING UNITS, FAN CYCLING IN 'AUTO' MODE SHALL BE ALLOWED.

SYSTEM COMMISSIONING:

47. PRIOR TO THE FINAL MECHANICAL AND PLUMBING INSPECTIONS, AN APPROVED AGENCY CONTRACTED BY THE OWNER SHALL COMMISSION ALL MECHANICAL SYSTEMS AS DESCRIBED BELOW.
48. A "PRELIMINARY COMMISSIONING REPORT" DETAILING ALL TESTING ACTIVITIES, ITEMIZED LIST OF DEFICIENCIES, DEFERRED TESTS NOT PERFORMED DUE TO CLIMATIC CONDITIONS, AND CLIMATIC CONDITIONS AT THE TIME OF TESTING SHALL BE PROVIDED TO THE OWNER (OR OWNER'S AGENT) AND THE CODE OFFICIAL.
    - 48.1. THE BUILDING OWNER (OR OWNER'S AGENT) MUST ISSUE A LETTER OF TRANSMITTAL TO THE CODE OFFICIAL ACKNOWLEDGING RECEIPT OF THE PRELIMINARY COMMISSIONING REPORT BEFORE THE BUILDING WILL BE CONSIDERED ELIGIBLE FOR FINAL INSPECTION.
49. CONTRACTOR SHALL PROVIDE THE BUILDING OWNER (OR OWNER'S AGENT) WITH AN OPERATIONS AND MAINTENANCE MANUAL INCLUDING THE FOLLOWING:
    - 49.1. SUBMITTAL DATA STATING EQUIPMENT SIZE AND SELECTED OPTION FOR EACH PIECE OF EQUIPMENT REQUIRING MAINTENANCE.
    - 49.2. MANUFACTURER'S OPERATIONS MANUALS AND MAINTENANCE MANUALS FOR EACH PIECE OF EQUIPMENT REQUIRING MAINTENANCE, EXCEPT EQUIPMENT NOT FURNISHED AS PART OF THE PROJECT. REQUIRED ROUTINE MAINTENANCE ACTIONS SHALL BE CLEARLY IDENTIFIED.
    - 49.3. NAME AND ADDRESS OF AT LEAST ONE SERVICE AGENCY.
    - 49.4. HVAC AND SERVICE HOT WATER CONTROLS SYSTEM MAINTENANCE AND CALIBRATION INFORMATION, INCLUDING WIRING DIAGRAMS, SCHEMATICS AND CONTROL SEQUENCE DESCRIPTIONS. DESIRED OF FIELD-DETERMINED SET POINTS SHALL BE PERMANENTLY RECORDED ON CONTROL DRAWINGS AT CONTROL DEVICES OR, FOR DIGITAL CONTROL SYSTEMS, IN SYSTEM PROGRAMMING INSTRUCTIONS.
    - 49.5. A NARRATIVE OF HOW EACH SYSTEM IS INTENDED TO OPERATE, INCLUDING RECOMMENDED SET POINTS.
50. A "FINAL COMMISSIONING REPORT" DETAILING ALL TESTING PROCEDURES AND RESULTS SHALL BE DELIVERED TO THE BUILDING OWNER (OR OWNER'S AGENT). THE FINAL REPORT SHALL INCLUDE ALL INFORMATION AS DESCRIBED ABOVE IN THE PRELIMINARY REPORT, EXCEPT THAT NO DEFERRED TESTS SHALL BE PERMITTED.

MECHANICAL SYMBOL LEGEND

NOTES:

1. ALL SYMBOLS MAY NOT APPLY.

Symbol	Description	Symbol	Description
X - ZZZ AxB	DIFFUSER TYPE - AIRFLOW (CFM) GRILLE SIZE	XX / XXX	DETAIL # / SHEET # REFERENCE TAG
XX-##	EQUIPMENT DESIGNATION	XX	CODED PLAN NOTE
	POINT OF CONNECTION	T	THERMOSTAT
H	HUMIDISTAT	S	REMOTE SENSOR
C	CO2 SENSOR	CO	CO SENSOR
	RECTANGULAR SUPPLY DUCT RISER	DD	DUCT MOUNTED SMOKE DETECTOR
	RECTANGULAR RETURN DUCT RISER		ROUND SUPPLY DUCT RISER
	RECTANGULAR EXHAUST DUCT RISER		ROUND RETURN DUCT RISER
	90 DEGREE TURNING VANE		ROUND EXHAUST DUCT RISER
	RECTANGULAR DUCT TRANSITION		45 DEGREE TURNING VANE
	DIRECTION OF AIR FLOW		ROUND DUCT TRANSITION
FD	VERTICAL FIRE DAMPER	FD	FIRE DAMPER
VD	VOLUME DAMPER WITH BLADES	VD	VOLUME DAMPER
S	SMOKE DAMPER	F/S	FIRE SMOKE DAMPER
F/S	VERTICAL FIRE SMOKE DAMPER	M	MOTORIZED DAMPER
	CEILING RADIATION DAMPER		
	SUPPLY AIR DIFFUSER		RETURN AIR GRILLE / REGISTER
	EXHAUST AIR GRILLE / REGISTER		

SINGLE LINE DUCTWORK

Symbol	Description	Symbol	Description
	NEW DUCTWORK		EXISTING DUCTWORK TO BE REMOVED
	RECTANGULAR RADIUS ELBOW		RECTANGULAR ELBOW WITH TURNING VANES
	ROUND RADIUS ELBOW		90 DEGREE SUPPLY AIR ELBOW UP/DOWN
	90 DEGREE RETURN AIR ELBOW UP/DOWN		90 DEGREE EXHAUST AIR ELBOW UP/DOWN
	90 DEGREE ROUND DUCT UP/DOWN		SHAPE TRANSITION
	SIZE TRANSITION		FLEXIBLE DUCT TAP
	TEE WITH SQUARE ELBOWS, TURNING VANES, AND SPLITTER DAMPER		ROUND DUCT TAKEOFF WITH DAMPER
	RECTANGULAR DUCT BEVELED TAP		

DOUBLE LINE DUCTWORK

Symbol	Description	Symbol	Description
	NEW DUCTWORK		EXISTING DUCTWORK TO BE REMOVED
	RECTANGULAR RADIUS ELBOW		RECTANGULAR ELBOW WITH TURNING VANES
	ROUND RADIUS ELBOW		90 DEGREE SUPPLY AIR ELBOW UP/DOWN
	90 DEGREE RETURN AIR ELBOW UP/DOWN		90 DEGREE EXHAUST AIR ELBOW UP/DOWN
	90 DEGREE ROUND DUCT UP/DOWN		SHAPE TRANSITION
	SIZE TRANSITION		FLEXIBLE DUCT TAP
	TEE WITH SQUARE ELBOWS, TURNING VANES, AND SPLITTER DAMPER		ROUND DUCT TAKEOFF WITH DAMPER
	RECTANGULAR DUCT BEVELED TAP		

MECHANICAL NOTATIONS

AC	AIR CONDITIONING	EL	ELEVATION	MIN	MINIMUM
ACCU	AIR COOLED CONDENSING UNIT	ELEC	ELECTRIC(AL)	MISC	MISCELLANEOUS
ACU	AIR CONDITIONING UNIT	ELEV	ELEVATOR	MPR	MEDIUM PRESSURE STEAM RETURN
AFF	ABOVE FINISHED FLOOR	EM	EMERGENCY	MPS	MEDIUM PRESSURE STEAM SUPPLY
AFG	ABOVE FINISHED GRADE	ERU-#	ENERGY RECOVERY UNIT	NO / #	NUMBER
AHU	AIR HANDLING UNIT	EQUIP	EQUIPMENT	NTS	NOT TO SCALE
ALT	ALTERNATIVE	ETR	EXISTING TO REMAIN	OA	OUTSIDE AIR
AMB	AMBIENT	EUH-#	ELECTRIC UNIT HEATER	OAU	OUTSIDE AIR UNIT
AP	ACCESS PANEL	EXH	EXHAUST	OC	ON CENTER
APPROX	APPROXIMATE	EXIST/E	EXISTING	OD	OUTSIDE DIAMETER
ARCH	ARCHITECT(URAL)	EXP	EXPLOSION PROOF	PC	PLUMBING CONTRACTOR
ARV	AIR RELIEF VALVE	EXT	EXTERIOR	PSI	POUNDS PER SQUARE INCH
ATV	AIR TURNING VANE	F-#	FURNACE	PVC	POLYVINYL CHLORIDE
AUTO	AUTOMATIC	FC-#	FAN COIL UNIT	R	RADIUS
B-#	BOILER	FD	FIRE DAMPER	RA	RETURN AIR
BD	BAROMETRIC DAMPER	FEV	FLUE EXHAUST VENT	RG-#	RETURN AIR GRILLE
BDD	BACK DRAFT DAMPER	FLR	FLOOR	REQ'D	REQUIRED
BHP	BRAKE HORSEPOWER	FPM	FEET PER MINUTE	RL	REFRIGERANT LIQUID
BOP	BOTTOM OF PIPE	F/S	COMBINATION FIRE/SMOKE DAMPER	RM	ROOM
BLDG	BUILDING	FS-#	FILTRATION SYSTEM	RPM	REVOLUTIONS PER MINUTE
CAB	CABINET	FSC	FIRE SUPPRESSION CONTRACTOR	S	SMOKE DAMPER
CD-#	CEILING DIFFUSER	FT	FEET	SA	SUPPLY AIR
CIA	COMBUSTION INTAKE AIR	GA	GAUGE	SD-#	SUPPLY AIR DIFFUSER
CFM	CUBIC FEET PER MINUTE	GALV	GALVANIZE(D)	SG-#	SUPPLY AIR GRILLE
CHP	CHILLED WATER PUMP	GAL	GALLON	SP	STATIC PRESSURE
CHWR	CHILLED WATER RETURN	GC	GENERAL CONTRACTOR	SPEC(S)	SPECIFICATION(S)
CHWS	CHILLED WATER SUPPLY	GPM	GALLONS PER MINUTE	STD	STANDARD
CL	CENTERLINE	H	HEIGHT / HIGH	SUC	SITE UTILITY CONTRACTOR
CLG	CEILING	HC	HVAC CONTRACTOR	TEMP	TEMPERATURE
COL	COLUMN	HP	HORSE POWER	TYP	TYPICAL
COND	CONDENSATE	HPR	HIGH PRESSURE STEAM RETURN	UH-#	UNIT HEATER
CPSR	COMPRESSOR	HPS	HIGH PRESSURE STEAM SUPPLY	UNO	UNLESS NOTED OTHERWISE
CRD	CEILING RADIATION DAMPER	HSW	HIGH SIDE WALL	UV	UNIT VENTILATOR
CT-#	COOLING TOWER	HVAC	HEATING / VENTING / AIR CONDITIONING	V	VENT
CUH-#	CABINET UNIT HEATER	HWP	HOT WATER PUMP	VAV	VARIABLE AIR VOLUME
CWP	CONDENSER WATER PUMP	HWR	HOT WATER RETURN	VD	VOLUME DAMPER
CWR	CONDENSER WATER RETURN	HWS	HOT WATER SUPPLY	VEL	VELOCITY
CWS	CONDENSER WATER SUPPLY	ID	INSIDE DIAMETER	VFD	VARIABLE FREQUENCY DRIVE
D	DEPTH / DEEP	INSUL	INSULATION / INSULATE	VIF	VERIFY IN FIELD
DB	DRY BULB TEMPERATURE	KW	KILOWATTS	VTR	VENT THROUGH ROOF
DCW	DOMESTIC COLD WATER	L	LENGTH / LONG	VVB	VARIABLE VOLUME BOX
DHW	DOMESTIC HOT WATER	LPR	LOW PRESSURE STEAM RETURN	VVF	VARIABLE VOLUME FAN POWERED
DIA / Ø	DIAMETER	LPS	LOW PRESSURE STEAM SUPPLY	VVR	VARIABLE VOLUME REHEAT
DIFF	DIFFUSER	LSW	LOW SIDE WALL	W	WIDTH / WIDE
DISCH	DISCHARGE	LVR	LOUVER	W/	WITH
DWG	DRAWING	M	METER	W/O	WITHOUT
E	EXISTING	MAX	MAXIMUM	WB	WET BULB TEMPERATURE
EC	ELECTRICAL CONTRACTOR	MC	MECHANICAL CONTRACTOR	WCC	WATER COOLED CHILLER
EF-#	EXHAUST FAN	MECH	MECHANICAL	WH-#	WATER HEATER
EFF	EFFICIENCY	MFR	MANUFACTURER		
EG-#	EXHAUST GRILLE				

MECHANICAL LINETYPE LEGEND

Line	Description
— — — —	GENERAL DEMO
———	GENERAL EXISTING
——CHR——	CHILLED WATER RETURN
——CHS——	CHILLED WATER SUPPLY
——CA——	COMPRESSED AIR
——CD——	CONDENSATE DRAIN
——CWR——	CONDENSER WATER RETURN
——CWS——	CONDENSER WATER SUPPLY
——HWR——	HOT WATER HYDRONIC RETURN
——HWS——	HOT WATER HYDRONIC SUPPLY
——LPC——	LOW PRESSURE CONDENSATE
——LPS——	LOW PRESSURE STEAM
——MPC——	MEDIUM PRESSURE CONDENSATE
——MPS——	MEDIUM PRESSURE STEAM
——N——	NITROGEN
——N2O——	NITROUS
——O2——	OXYGEN
——RL——	REFRIGERANT LIQUID
——RS——	REFRIGERANT SUCTION
——VAC——	VACUUM

ALL OTHER LINETYPES DENOTED WITH:
(AB) = ABANDONED; (D) = DEMO; (E) = EXISTING

MECHANICAL SHEET INDEX

SHEET NO.	SHEET DESCRIPTION
M0.1	MECHANICAL COVER SHEET
M1.0	BASEMENT MECHANICAL PLAN
M1.1	FIRST FLOOR MECHANICAL PLAN
M1.2	SECOND FLOOR MECHANICAL PLAN
M1.3	THIRD FLOOR MECHANICAL PLAN
M1.4	ATTIC MECHANICAL PLAN
M1.5	ROOF MECHANICAL PLAN
M5.1	MECHANICAL DETAILS
M5.2	MECHANICAL DETAILS
M5.3	MECHANICAL DETAILS
M6.1	MECHANICAL SCHEDULES
M8.1	ENERGY CODE COMPLIANCE

CONTRACTOR NOTE

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ISSUE LOG:
06.02.2023 ISSUE FOR PERMIT
09.21.2023 OHFA PRELIM. SUBMISSION

MECHANICAL COVER SHEET

M0.1

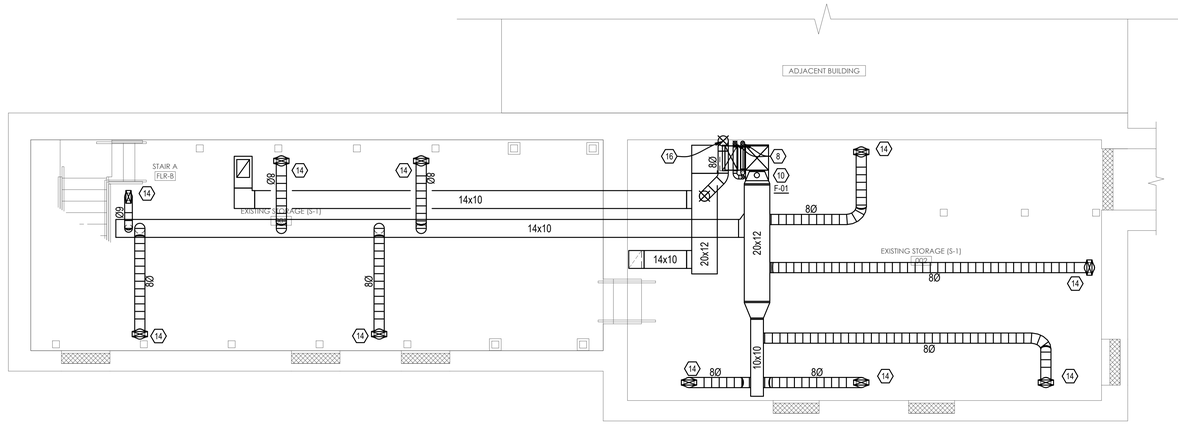
GENERAL NOTES:

A. RUN ALL DUCTWORK, VENTING AND REFRIGERANT PIPING AS HIGH AS POSSIBLE AND OUT OF THE MAIN EGRESS PATHS. MINIMUM BASEMENT HEAD CLEARANCE OF 7'-0". REFER TO ARCHITECTURAL DRAWINGS FOR MORE INFORMATION.

(THESE PLAN NOTES APPLY TO ALL HVAC UNIT PLANS- ALL PLAN NOTES MAY NOT APPLY TO EVERY SHEET.)

PLAN NOTES:

1. ROUTE 3/4" CONDENSATE DRAIN LINE TO FLOOR DRAIN IN MECHANICAL CLOSET. PROVIDE CODE REQUIRED AIR GAP. REFER TO PLUMBING PLANS FOR EXACT LOCATION.
2. ROUTE 4"Ø DRYER EXHAUST FROM VENT BOX UP THROUGH WALL WITH FIRE CAULK AT TOP PLATE PENETRATION. ROUTE CONCEALED THROUGH STRUCTURE TO ROOF. TERMINATE VIA ROOF CAP. MAINTAIN CODE REQUIRED 10'-0" CLEARANCE FROM ANY FRESH AIR INTAKE. REFERENCE DETAIL #8 ON SHEET M5.2.
3. ROUTE 4"Ø BATH EXHAUST FROM EF-A CONCEALED THROUGH STRUCTURE TO ROOF. TERMINATE VIA ROOF CAP. MAINTAIN CODE REQUIRED 10'-0" CLEARANCE FROM ANY FRESH AIR INTAKE. REFERENCE DETAIL #8 ON SHEET M5.2.
4. PROVIDE (2) 18X10 TYPE 'C' TRANSFER GRILLES (120 SQ. IN. MINIMUM FREE AREA) ONE ON BEDROOM SIDE AND ONE FACING LAUNDRY ROOM ABOVE DOOR FOR DRYER MAKEUP.
5. ROUTE KITCHEN EXHAUST DUCT, SIZED PER PLAN, CONCEALED THROUGH STRUCTURE AND SOFFIT TO ROOF. TERMINATE VIA ROOF CAP. REFERENCE DETAIL #8 ON SHEET M5.2.
6. ROUTE KITCHEN HOOD EXHAUST DUCT CONCEALED THROUGH STRUCTURE TO ROOF AND TERMINATE VIA ROOF CAP.REFERENCE DETAIL #8 ON SHEET M5.2.
7. ROUTE COMBINED EXHAUST DUCT FROM EF-A AND EF-B CONCEALED THROUGH STRUCTURE TO EXTERIOR WALL. TERMINATE AT EXTERIOR WALL VIA WALL CAP, EQUAL TO GREENHECK MODEL "WC".
8. ROUTE 3"Ø COMBUSTION AIR INTAKE AND VENT FROM F-01 CONCEALED THROUGH STRUCTURE TO CHASE. ROUTE UP WITHIN CHASE TO THE ROOF. TERMINATE VIA MANUFACTURER SPECIFIC CONCENTRIC VENT KIT.
9. COORDINATE EXACT LOCATION OF AIR HANDLER WITH EXISTING STRUCTURAL CONDITIONS.
10. ROUTE 3/4"Ø CONDENSATE DRAIN LINE FROM GAS FURNACE F-01 TO NEAREST FLOOR DRAIN. PROVIDE CODE REQUIRED AIR GAP. REFER TO PLUMBING PLANS FOR EXACT LOCATION.
11. ROUTE 3/4"Ø CONDENSATE DRAIN LINE CONCEALED THROUGH STRUCTURE TO FLOOR BELOW. ROUTE THROUGH STRUCTURE TO MECHANICAL CLOSET. ROUTE DOWN THROUGH WALL TO FLOOR DRAIN. PROVIDE CODE REQUIRED AIR GAP. REFER TO PLUMBING PLANS FOR EXACT LOCATION.
12. ROUTE 3/4"Ø CONDENSATE DRAIN LINE CONCEALED THROUGH STRUCTURE TO EXTERIOR WALL. TERMINATE AS CLOSE TO WALL AS POSSIBLE SO AS TO NOT CAUSE A NUISANCE.
13. REFER TO ROOF PLAN ON SHEET M1.5 FOR ADDITIONAL ROOF INFORMATION.
14. ROUTE SUPPLY AIR DUCT, SIZED PER PLAN, UP TO FLOOR REGISTER ON FLOOR ABOVE AT THIS LOCATION.
15. FLOOR REGISTER SUPPLIED BY SUPPLY AIR DUCT FROM FLOOR BELOW AT THIS LOCATION.
16. ROUTE OUTSIDE AIR DUCT, SIZED PER PLAN, WITHIN JOIST POCKET TO CHASE. ROUTE THROUGH CHASE TO SOFFIT. ROUTE THROUGH SOFFIT TO EXTERIOR WALL.TERMINATE AT EXTERIOR WALL VIA WALL CAP, EQUAL TO GREENHECK MODEL "WC".
17. ROUTE BATH EXHAUST DUCT, SIZED PLAN, CONCEALED THROUGH STRUCTURE TO ROOF. TERMINATE VIA ROOF CAP. REFERENCE DETAIL #8 ON SHEET M5.2.



BASEMENT MECHANICAL PLAN | 1
1/4" = 1'-0" | M1.0

NORTH

CONTRACTOR NOTE

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06.02.2023
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BASEMENT MECHANICAL PLAN

M1.0

GENERAL NOTES:

A. HATCHED AREAS INDICATED LOWERED CEILINGS. REFER TO ARCHITECTURAL DRAWINGS FOR MORE INFORMATION.

(THESE PLAN NOTES APPLY TO ALL HVAC UNIT PLANS- ALL PLAN NOTES MAY NOT APPLY TO EVERY SHEET.)

PLAN NOTES:

1. ROUTE 3/4" CONDENSATE DRAIN LINE TO FLOOR DRAIN IN MECHANICAL CLOSET. PROVIDE CODE REQUIRED AIR GAP. REFER TO PLUMBING PLANS FOR EXACT LOCATION.
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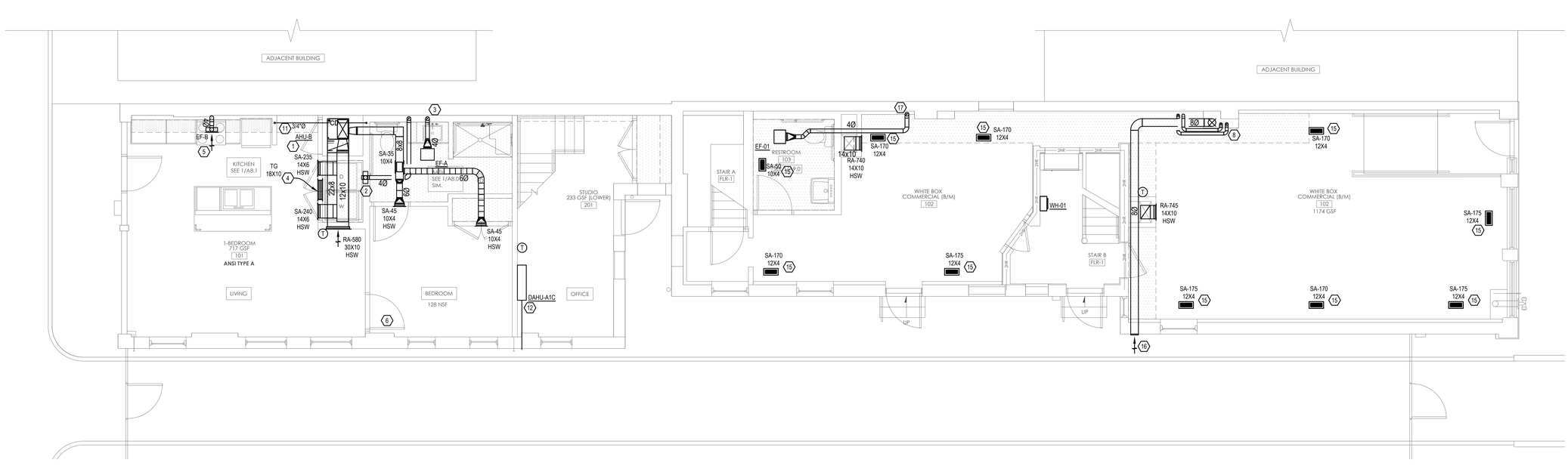
DRYER VENT CALCULATION	
UNIT 101	
HORIZONTAL LENGTH	8
VERTICAL LENGTH	18
# OF 90'S	3
# OF 45'S	0
TOTAL LENGTH	41
OWNER-PROVIDED DRYER	



FIRST FLOOR MECHANICAL PLAN | 1
1/4" = 1'-0" | M1.1

NORTH

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FIRST FLOOR MECHANICAL PLAN

M1.1

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1. ROUTE 3/4" CONDENSATE DRAIN LINE TO FLOOR DRAIN IN MECHANICAL CLOSET. PROVIDE CODE REQUIRED AIR GAP. REFER TO PLUMBING PLANS FOR EXACT LOCATION.
2. ROUTE 4"Ø DRYER EXHAUST FROM VENT BOX UP THROUGH WALL WITH FIRE CAULK AT TOP PLATE PENETRATION. ROUTE CONCEALED THROUGH STRUCTURE TO ROOF. TERMINATE VIA ROOF CAP. MAINTAIN CODE REQUIRED 10'-0" CLEARANCE FROM ANY FRESH AIR INTAKE. REFERENCE DETAIL #8 ON SHEET M5.2.
3. ROUTE 4"Ø BATH EXHAUST FROM EF-A CONCEALED THROUGH STRUCTURE TO ROOF. TERMINATE VIA ROOF CAP. MAINTAIN CODE REQUIRED 10'-0" CLEARANCE FROM ANY FRESH AIR INTAKE. REFERENCE DETAIL #8 ON SHEET M5.2.
4. PROVIDE (2) 18X10 TYPE 'C' TRANSFER GRILLES (120 SQ. IN. MINIMUM FREE AREA) ONE ON BEDROOM SIDE AND ONE FACING LAUNDRY ROOM ABOVE DOOR FOR DRYER MAKEUP.
5. ROUTE KITCHEN EXHAUST DUCT, SIZED PER PLAN, CONCEALED THROUGH STRUCTURE AND SOFFIT TO ROOF. TERMINATE VIA ROOF CAP. REFERENCE DETAIL #8 ON SHEET M5.2.
6. ROUTE KITCHEN HOOD EXHAUST DUCT CONCEALED THROUGH STRUCTURE TO ROOF AND TERMINATE VIA ROOF CAP.REFERENCE DETAIL #8 ON SHEET M5.2.
7. ROUTE COMBINED EXHAUST DUCT FROM EF-A AND EF-B CONCEALED THROUGH STRUCTURE TO EXTERIOR WALL. TERMINATE AT EXTERIOR WALL VIA WALL CAP, EQUAL TO GREENHECK MODEL "WC".
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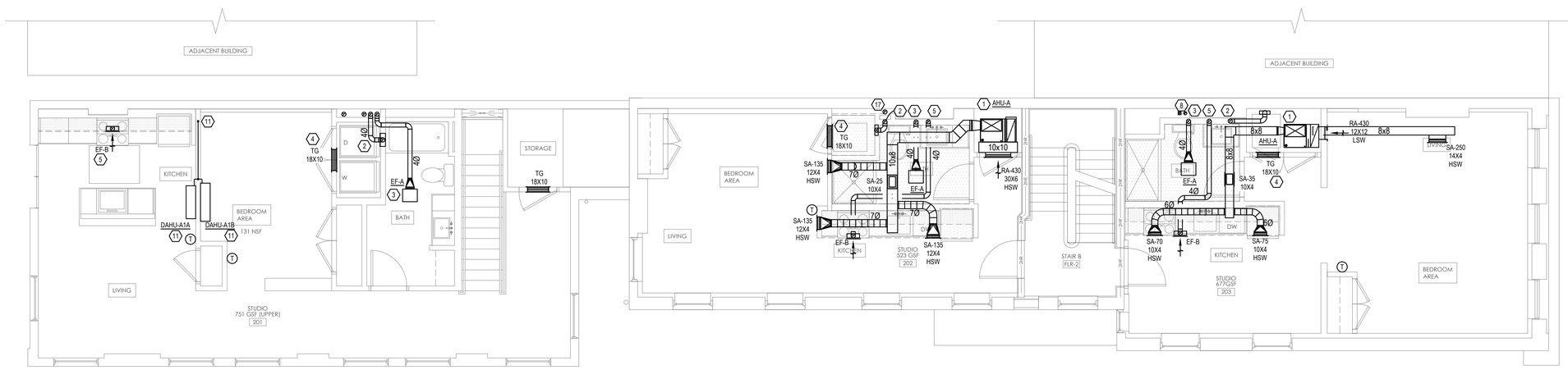
12. ROUTE 3/4"Ø CONDENSATE DRAIN LINE CONCEALED THROUGH STRUCTURE TO EXTERIOR WALL. TERMINATE AS CLOSE TO WALL AS POSSIBLE SO AS TO NOT CAUSE A NUISANCE.
13. REFER TO ROOF PLAN ON SHEET M1.5 FOR ADDITIONAL ROOF INFORMATION.
14. ROUTE SUPPLY AIR DUCT, SIZED PER PLAN, UP TO FLOOR REGISTER ON FLOOR ABOVE AT THIS LOCATION.
15. FLOOR REGISTER SUPPLIED BY SUPPLY AIR DUCT FROM FLOOR BELOW AT THIS LOCATION.
16. ROUTE OUTSIDE AIR DUCT, SIZED PER PLAN, WITHIN JOIST POCKET TO CHASE. ROUTE THROUGH CHASE TO SOFFIT. ROUTE THROUGH SOFFIT TO EXTERIOR WALL.TERMINATE AT EXTERIOR WALL VIA WALL CAP, EQUAL TO GREENHECK MODEL "WC".
17. ROUTE BATH EXHAUST DUCT, SIZED PLAN, CONCEALED THROUGH STRUCTURE TO ROOF. TERMINATE VIA ROOF CAP. REFERENCE DETAIL #8 ON SHEET M5.2.

DRYER VENT CALCULATION	
UNIT 201	
HORIZONTAL LENGTH	2
VERTICAL LENGTH	15
# OF 90'S	3
# OF 45'S	0
TOTAL LENGTH	32
OWNER-PROVIDED DRYER	

DRYER VENT CALCULATION	
UNIT 202	
HORIZONTAL LENGTH	1
VERTICAL LENGTH	35
# OF 90'S	3
# OF 45'S	0
TOTAL LENGTH	51
OWNER-PROVIDED DRYER	

DRYER VENT CALCULATION	
UNIT 203	
HORIZONTAL LENGTH	2.5
VERTICAL LENGTH	35
# OF 90'S	3
# OF 45'S	0
TOTAL LENGTH	52.5
OWNER-PROVIDED DRYER	



SECOND FLOOR MECHANICAL PLAN | 1
1/4" = 1'-0" | M1.2

NORTH

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SECOND FLOOR MECHANICAL PLAN

M1.2

GENERAL NOTES:

A. HATCHED AREAS INDICATED LOWERED CEILINGS. REFER TO ARCHITECTURAL DRAWINGS FOR MORE INFORMATION.

(THESE PLAN NOTES APPLY TO ALL HVAC UNIT PLANS- ALL PLAN NOTES MAY NOT APPLY TO EVERY SHEET.)

PLAN NOTES:

1. ROUTE 3/4" CONDENSATE DRAIN LINE TO FLOOR DRAIN IN MECHANICAL CLOSET. PROVIDE CODE REQUIRED AIR GAP. REFER TO PLUMBING PLANS FOR EXACT LOCATION.
2. ROUTE 4"Ø DRYER EXHAUST FROM VENT BOX UP THROUGH WALL WITH FIRE CAULK AT TOP PLATE PENETRATION. ROUTE CONCEALED THROUGH STRUCTURE TO ROOF. TERMINATE VIA ROOF CAP. MAINTAIN CODE REQUIRED 10'-0" CLEARANCE FROM ANY FRESH AIR INTAKE. REFERENCE DETAIL #8 ON SHEET M5.2.
3. ROUTE 4"Ø BATH EXHAUST FROM EF-A CONCEALED THROUGH STRUCTURE TO ROOF. TERMINATE VIA ROOF CAP. MAINTAIN CODE REQUIRED 10'-0" CLEARANCE FROM ANY FRESH AIR INTAKE. REFERENCE DETAIL #8 ON SHEET M5.2.
4. PROVIDE (2) 18X10 TYPE 'C' TRANSFER GRILLES (120 SQ. IN. MINIMUM FREE AREA) ONE ON BEDROOM SIDE AND ONE FACING LAUNDRY ROOM ABOVE DOOR FOR DRYER MAKEUP.
5. ROUTE KITCHEN EXHAUST DUCT, SIZED PER PLAN, CONCEALED THROUGH STRUCTURE AND SOFFIT TO ROOF. TERMINATE VIA ROOF CAP. REFERENCE DETAIL #8 ON SHEET M5.2.
6. ROUTE KITCHEN HOOD EXHAUST DUCT CONCEALED THROUGH STRUCTURE TO ROOF AND TERMINATE VIA ROOF CAP.REFERENCE DETAIL #8 ON SHEET M5.2.
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8. ROUTE 3"Ø COMBUSTION AIR INTAKE AND VENT FROM F-01 CONCEALED THROUGH STRUCTURE TO CHASE. ROUTE UP WITHIN CHASE TO THE ROOF. TERMINATE VIA MANUFACTURER SPECIFIC CONCENTRIC VENT KIT.
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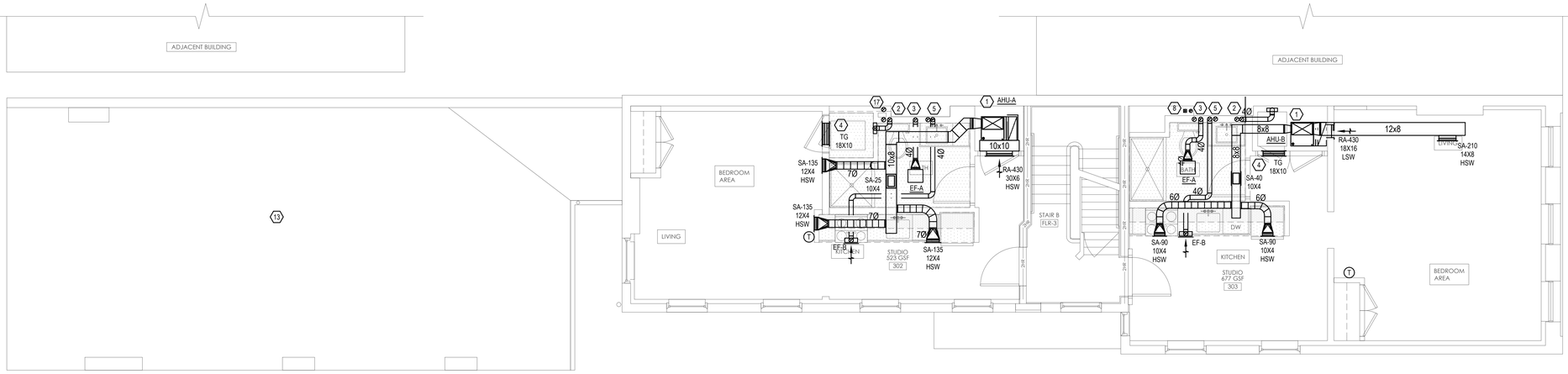
13. REFER TO ROOF PLAN ON SHEET M1.5 FOR ADDITIONAL ROOF INFORMATION.
14. ROUTE SUPPLY AIR DUCT, SIZED PER PLAN, UP TO FLOOR REGISTER ON FLOOR ABOVE AT THIS LOCATION.
15. FLOOR REGISTER SUPPLIED BY SUPPLY AIR DUCT FROM FLOOR BELOW AT THIS LOCATION.
16. ROUTE OUTSIDE AIR DUCT, SIZED PER PLAN, WITHIN JOIST POCKET TO CHASE. ROUTE THROUGH CHASE TO SOFFIT. ROUTE THROUGH SOFFIT TO EXTERIOR WALL.TERMINATE AT EXTERIOR WALL VIA WALL CAP, EQUAL TO GREENHECK MODEL "WC".
17. ROUTE BATH EXHAUST DUCT, SIZED PLAN, CONCEALED THROUGH STRUCTURE TO ROOF. TERMINATE VIA ROOF CAP. REFERENCE DETAIL #8 ON SHEET M5.2.

DRYER VENT CALCULATION	
UNIT 302	
HORIZONTAL LENGTH	0.5
VERTICAL LENGTH	25
# OF 90'S	3
# OF 45'S	0
TOTAL LENGTH	40.5
OWNER-PROVIDED DRYER	

DRYER VENT CALCULATION	
UNIT 303	
HORIZONTAL LENGTH	2
VERTICAL LENGTH	25
# OF 90'S	3
# OF 45'S	0
TOTAL LENGTH	42
OWNER-PROVIDED DRYER	



THIRD FLOOR MECHANICAL PLAN | 1
1/4" = 1'-0" | M1.3

NORTH

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THIRD FLOOR MECHANICAL PLAN

M1.3

(THESE PLAN NOTES APPLY TO ALL HVAC UNIT PLANS- ALL PLAN NOTES MAY NOT APPLY TO EVERY SHEET.)

PLAN NOTES:

1. ROUTE 3/4" CONDENSATE DRAIN LINE TO FLOOR DRAIN IN MECHANICAL CLOSET. PROVIDE CODE REQUIRED AIR GAP. REFER TO PLUMBING PLANS FOR EXACT LOCATION.
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9. COORDINATE EXACT LOCATION OF AIR HANDLER WITH EXISTING STRUCTURAL CONDITIONS.
10. ROUTE 3/4"Ø CONDENSATE DRAIN LINE FROM GAS FURNACE F-01 TO NEAREST FLOOR DRAIN. PROVIDE CODE REQUIRED AIR GAP. REFER TO PLUMBING PLANS FOR EXACT LOCATION.
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14. ROUTE SUPPLY AIR DUCT, SIZED PER PLAN, UP TO FLOOR REGISTER ON FLOOR ABOVE AT THIS LOCATION.
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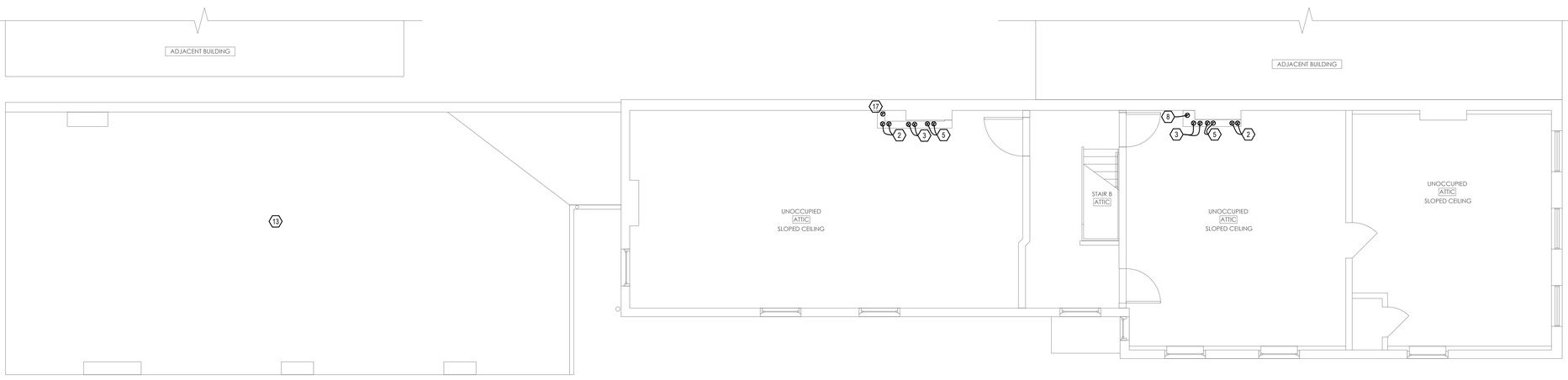

ATTIC MECHANICAL PLAN | 1
1/4" = 1'-0" | M1.4

NORTH

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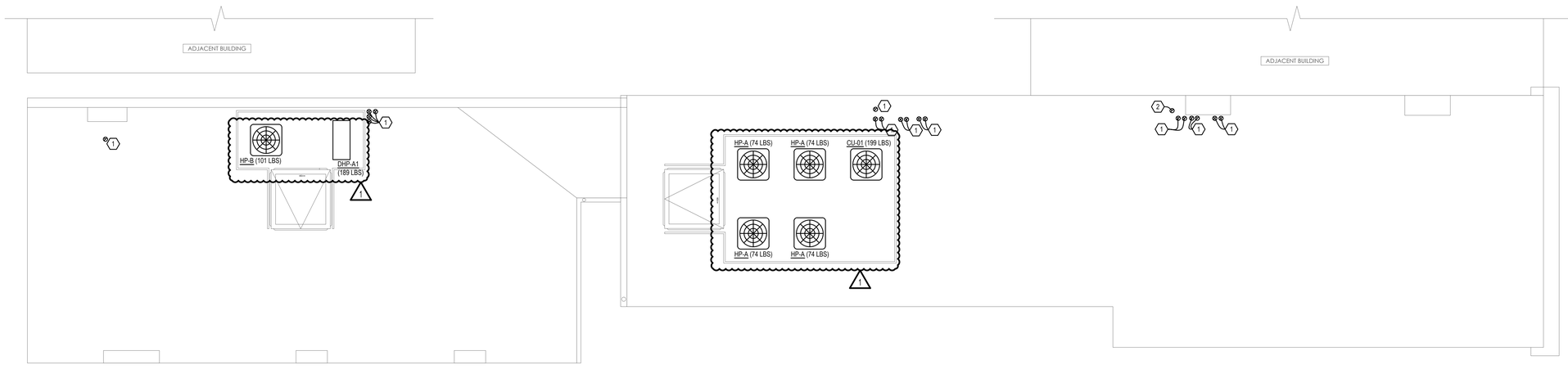
ATTIC MECHANICAL PLAN

M1.4

PLAN NOTES:

1. ROUTE EXHAUST DUCTS CONCEALED WITHIN STRUCTURE TO ROOF. TERMINATE VIA ROOF CAP. OFFSET DUCT WITHIN STRUCTURE TO MAINTAIN CODE REQUIRED 10'-0" CLEARANCE FROM ANY OUTSIDE AIR INTAKE DUCTS AND TO AVOID OTHER CONFLICTS.
2. TERMINATE F-01 COMBUSTION AIR INTAKE AND VENT VIA MANUFACTURER SPECIFIC CONCENTRIC VENT KIT.
3. ROUTE OUTSIDE DUCT CONCEALED WITHIN STRUCTURE TO ROOF. TERMINATE VIA ROOF CAP. OFFSET DUCT WITHIN STRUCTURE TO MAINTAIN CODE REQUIRED 10'-0" CLEARANCE FROM ANY EXHAUST DUCTS AND TO AVOID OTHER CONFLICTS.



ROOF MECHANICAL PLAN | 1
1/4" = 1'-0" | M1.5

NORTH

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04.07.2023
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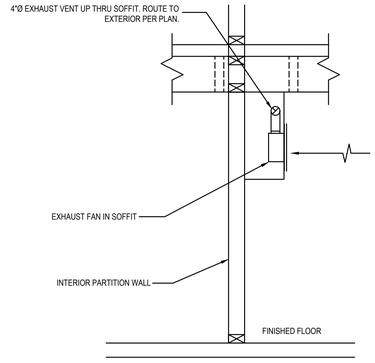
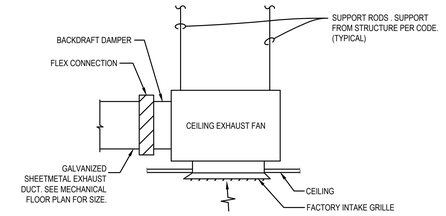
ROOF MECHANICAL PLAN

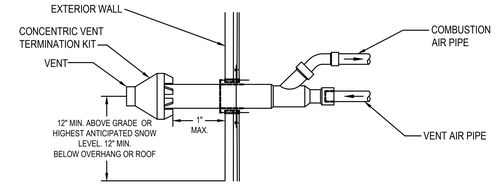
M1.5



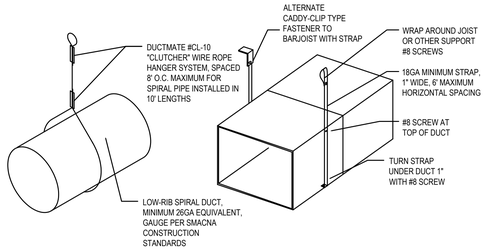
TYPICAL WALL MOUNTED FAN DETAIL | 10
NTS | M5.1



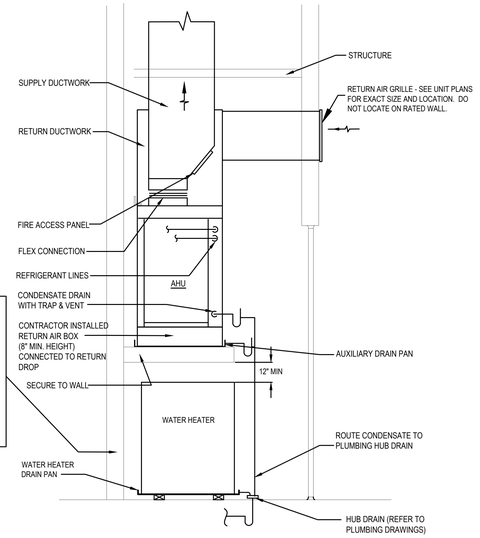
CEILING EXHAUST FAN DETAIL | 9
NTS | M5.1



CONCENTRIC VENT SIDE WALL DETAIL | 8
NTS | M5.1



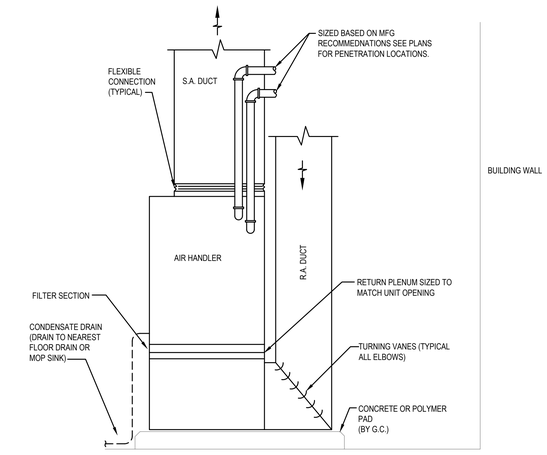
COMMERCIAL RIGID DUCT MOUNTING DETAIL | 7
NTS | M5.1



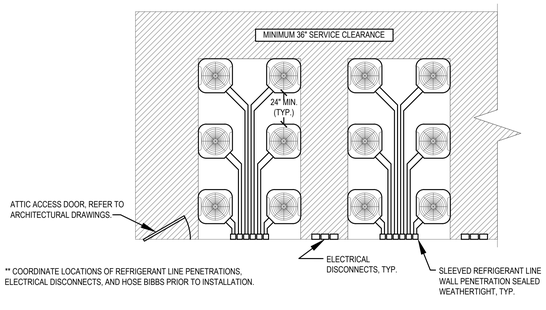
NOTES:

1. MECHANICAL CONTRACTOR SHALL CAREFULLY COORDINATE ALL EQUIPMENT AND SYSTEMS IN THIS CLOSET WITH ALL OTHER DISCIPLINES PRIOR TO CONSTRUCTION.
2. CAREFULLY COORDINATE LOCATION OF FIRE DAMPER ACCESS PRIOR TO CONSTRUCTION.

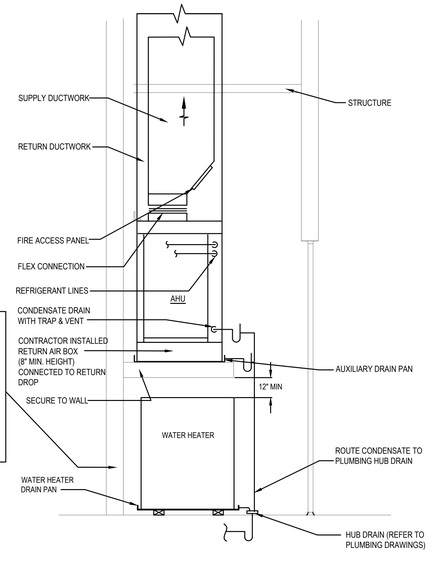
DUCTED AIR HANDLER WITH BOTTOM RETURN | 5
NTS | M5.1



FURNACE DETAIL | 4
NTS | M5.1



RESIDENTIAL RIGID DUCT MOUNTING DETAIL | 6
NTS | M5.1

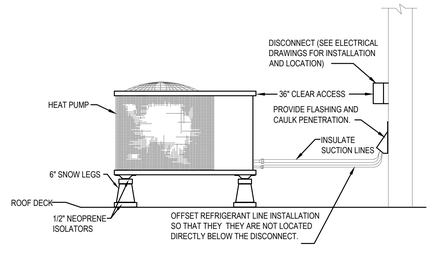


NOTES:

1. MECHANICAL CONTRACTOR SHALL CAREFULLY COORDINATE ALL EQUIPMENT AND SYSTEMS IN THIS CLOSET WITH ALL OTHER DISCIPLINES PRIOR TO CONSTRUCTION.
2. CAREFULLY COORDINATE LOCATION OF FIRE DAMPER ACCESS PRIOR TO CONSTRUCTION.

DUCTED AIR HANDLER WITH BOTTOM RETURN | 1
NTS | M5.1

CONDENSER DETAIL | 3
NTS | M5.1



HEAT PUMP MOUNTING | 2
NTS | M5.1

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(1633 VINE STREET HPTC APPLICATION)
CINCINNATI, OH 45202

3CDC CINCINNATI CENTER CITY DEVELOPMENT CORPORATION

ISSUE LOG:

06.02.2023
ISSUE FOR PERMIT

09.21.2023
OHFA PRELIM. SUBMISSION

CONTRACTOR NOTE

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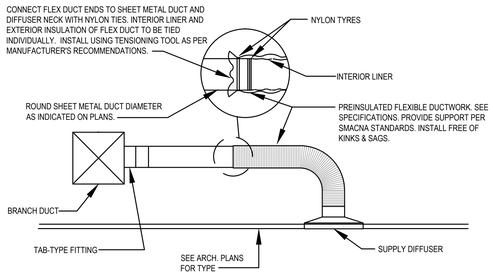
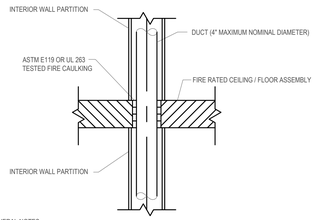
MECHANICAL DETAILS

M5.1



NOTE:
SEAL INTERIOR LINER OF FLEX DUCT WITH MASTIC AT CONNECTION TO METAL DUCTWORK, DUCTBOARD AND DIFFUSERS.

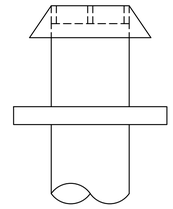
FLEXIBLE DUCT TAKE-OFF DETAIL | 9
NTS | M5.2



GENERAL NOTES:
2017 OHIO MECHANICAL CODE SECTION 607.6.1 AND 2017 OHIO BUILDING CODE 717.6.1 EXCEPTIONS APPLIES PROVIDED IT MEETS ALL OF THE FOLLOWING REQUIREMENTS:

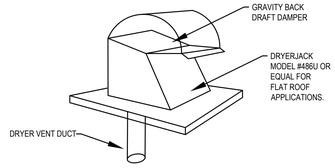
1. THE DUCT SHALL BE CONTAINED AND LOCATED WITHIN THE CAVITY OF A WALL AND SHALL BE CONSTRUCTED OF STEEL HAVING A MINIMUM THICKNESS OF 0.0187 IN (NO 26 GAGE)
2. THE DUCT SHALL OPEN INTO ONLY ONE DWELLING UNIT OR SLEEPING UNIT AND THE DUCT SYSTEM SHALL BE CONTINUOUS FROM THE UNIT TO THE EXTERIOR OF THE BUILDING.
3. THE DUCT SHALL NOT EXCEED A 4-INCH NOMINAL DIAMETER AND THE TOTAL AREA OF SUCH DUCTS SHALL NOT EXCEED 100 SQUARE INCHES FOR ANY 100 SQUARE FEET OF THE FLOOR AREA.
4. THE ANNULAR SPACE AROUND THE DUCT IS PROTECTED WITH MATERIALS THAT PREVENT THE PASSAGE OF FLAME AND HOT GASES SUFFICIENT TO IGNITE COTTON WASTE WHEN SUBJECTED TO ASTM E119 OR UL 263 TIME TEMPERATURE CONDITIONS UNDER A MINIMUM POSITIVE PRESSURE DIFFERENTIAL OF 0.01 INCH OF WATER AT THE LOCATION OF THE PENETRATION FOR THE TIME PERIOD EQUIVALENT TO THE FIRE-RESISTANCE RATINGO F THE CONSTRUCTION PENETRATED.
5. GRILLE OPENINGS LOCATED IN A CEILING OF A FIRE-RESISTANCEGRATED FLOOR/CEILING ASSEMBLY SHALL BE PROTECTED WITH A LISTED CEILING RADIATION DAMPER INSTALLED IN ACCORDANCE WITH SECTION 607.6.2.1

DUCT PENETRATION IN WALL CAVITY THROUGH RATED FLOOR | 8
NTS | M5.2

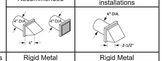


NOTES:
1. PROVIDE WITH INTEGRAL BACKDRAFT DAMPER.
2. BROAN 611 OR EQUAL FOR BATHROOM EXHAUST.
3. PROVIDE CAP WITH PAINT GRIP COATING FOR FIELD PAINTING.
4. SEAL ROOF PENETRATION WITH SEALANT AND FLEXIBLE FLASHING.
5. PROVIDE INSECT SCREEN AT TOILET EXHAUST CAPS.

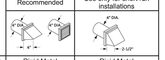
FLAT ROOF - ROOF CAP | 7
NTS | M5.2

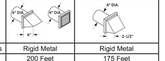


DRYER VENT EXHAUST TERMINATION | 6
NTS | M5.2

EXHAUST LENGTH	RECOMMENDED MAXIMUM LENGTH	
	Exhaust Hood Types	
	Recommended	Use only for short run installations
		
No. of 90° Elbows	Rigid Metal	Rigid Metal
0	90 Feet	60 Feet
1	60 Feet	45 Feet
2	45 Feet	35 Feet
3	35 Feet	25 Feet
4	25 Feet	15 Feet

GE - GFD14ESSNWW DRYER VENTING REQUIREMENTS | 5
NTS | M5.2

EXHAUST LENGTH 27" NORMAL VENT MODELS	RECOMMENDED MAXIMUM LENGTH	
	Exhaust Hood Types	
	Recommended	Use only for short run installations
		
No. of 90° Elbows	Rigid Metal	Rigid Metal
0	56 Feet	42 Feet
1	48 Feet	34 Feet
2	40 Feet	26 Feet
3	32 Feet	18 Feet

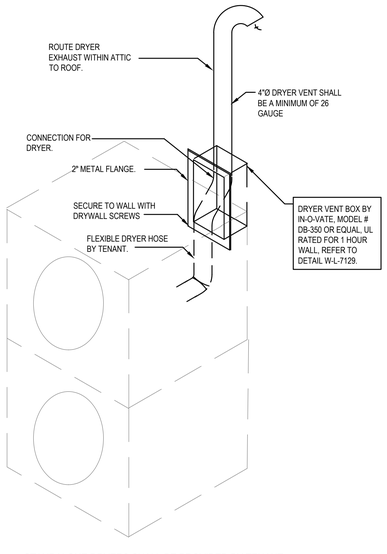
EXHAUST LENGTH 27" LONG VENT MODELS	RECOMMENDED MAXIMUM LENGTH	
	Exhaust Hood Types	
	Recommended	Use only for short run installations
		
No. of 90° Elbows	Rigid Metal	Rigid Metal
0	200 Feet	175 Feet
1	185 Feet	165 Feet
2	175 Feet	155 Feet
3	165 Feet	145 Feet
4	155 Feet	135 Feet
5	145 Feet	125 Feet

GE - GUD27EESNWW DRYER VENTING REQUIREMENTS | 4
NTS | M5.2

- SIGN SHALL BE A MINIMUM 9" LONG BY 4" TALL.
- SIGN SHALL BE PLASTIC WITH PRE-DILLED OPENINGS AT EACH CORNER FOR ATTACHMENT.
- THE SIGN SHALL BE ATTACHED TO THE WALL USING BLACK THREADED MOLY SCREWS AND BLACK FLAT WASHER.
- SIGN BACKGROUND SHALL BE RED WITH THE LETTERS.
- FILL IN VENT LENGTH AND ELBOW INFORMATION AS SHOWN ON UNIT PLAN DRAWINGS.
- THIS PERMANENT LABEL/TAG IS TO BE LOCATED AT ALL DRYER CONNECTIONS THROUGHOUT THE PROJECT.

WHERE 'X' INDICATES TOTAL DEVELOPED LENGTH ON A UNIT BY UNIT BASIS.
REFER TO UNIT PLANS FOR ACTUAL ELBOW QUANTITIES AND DUCT LENGTH AT ALL LOCATIONS.

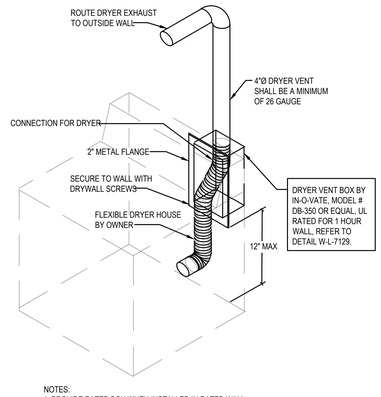
DRYER VENT LENGTH DETAIL | 3
NTS | M5.2



STANDALONE DRYERS SHALL BE PROVIDED BY TENANT

NOTES:
1. PROVIDE RATED BOX WHEN INSTALLED IN RATED WALL.
2. COORDINATE VENT BOX LOCATION W/DRYER OUTLET.

STACKABLE DRYER VENT DETAIL | 2
NTS | M5.2



NOTES:
1. PROVIDE RATED BOX WHEN INSTALLED IN RATED WALL.
2. COORDINATE VENT BOX LOCATION W/ DRYER OUTLET.

DRYER VENT DROP BOX DETAIL | 1
NTS | M5.2

CONTRACTOR NOTE

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RUSS ALLEY
1631- 1633 VINE STREET, 1630 REPUBLIC STREET
(1633 VINE STREET HPTC APPLICATION)
CINCINNATI, OH 45202

3CDC CINCINNATI CENTER CITY DEVELOPMENT CORPORATION

ISSUE LOG:
06.02.2023
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MECHANICAL DETAILS

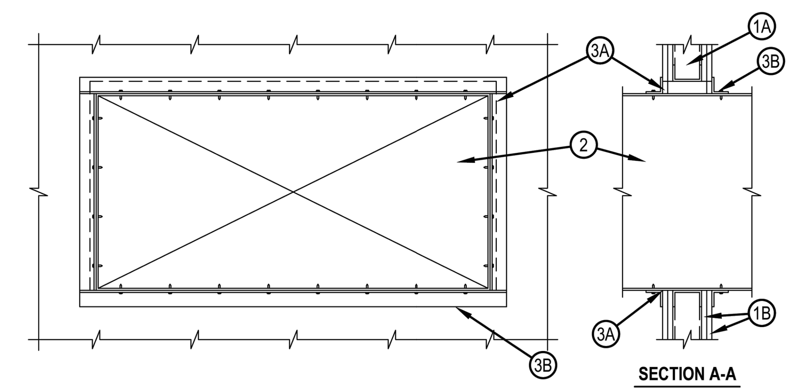
M5.2

System No. W-L-7040

WL 7040

Classified by Underwriters Laboratories, Inc. to UL 1479 and CAN/ULC-S115

ANSI/UL1479 (ASTM E814)	CAN/ULC S115
F Ratings - 1 and 2 Hr (See Items 1 and 3)	F Ratings - 1 and 2 Hr (See Items 1 and 3)
T Rating - 0 Hr	FT Rating - 0 Hr
L Rating at Ambient - Less Than 1 CFM/sq ft	FH Ratings - 1 and 2 Hr (See Items 1 and 3)
L Rating at 400°F - Less Than 1 CFM/sq ft	FTH Rating - 0 Hr
	L Rating at Ambient - Less Than 1 CFM/sq ft
	L Rating at 400°F - Less Than 1 CFM/sq ft



1. Wall Assembly — The fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300, U400, V400 or V400 Series Wall and Partition Designs in the Fire Resistance Directory and shall include the following construction features:
   A. Studs — Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. (61 by 102 mm) lumber spaced 16 in. (406 mm) OC. Steel studs to be min 2-1/2 in. (64 mm) wide and spaced max 24 in. (610 mm). Additional framing members shall be used to completely frame around opening.
   B. Gypsum Board* — Nom 5/8 in. (16 mm) thick with square or tapered edges. The gypsum wallboard type, number of layers and sheet orientation shall be as specified in the individual Wall and Partition Design Number. Max area of opening is 1300 in.^{2} (0.84 m^2) with the dimension of 50 in. (1.27 m).
   The hourly F and FH Ratings of the firestop system are equal to the hourly fire rating of the wall assembly in which it is installed.

2. Steel Duct — Nom 24 in. by 48 in. (610 by 1219 mm) (or smaller) No. 24 gauge (or heavier) galv steel duct to be installed within the firestop system. The annular space shall be min 0 (point contact) in. to a max 2 in. (51 mm) Duct to be rigidly supported on both sides of the wall assembly.

Hilti Firestop Systems

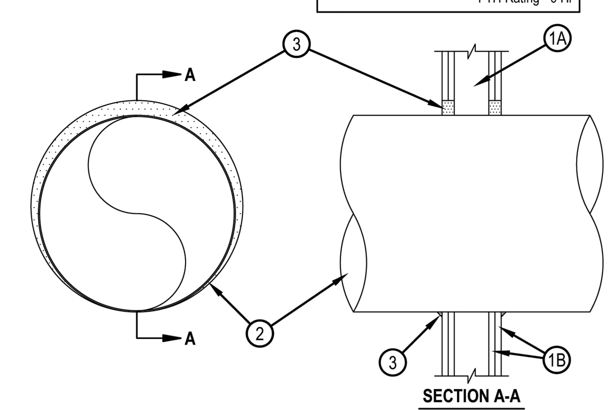
Reproduced by HILTI, Inc. Courtesy of Underwriters Laboratories, Inc. September 16, 2015

System No. W-L-7042

WL 7042

Classified by Underwriters Laboratories, Inc. to UL 1479 and CAN/ULC-S115

ANSI/UL1479 (ASTM E814)	CAN/ULC S115
F Ratings - 1 and 2 Hr (See Items 1 and 3)	F Ratings - 1 and 2 Hr (See Items 1 and 3)
T Rating - 0 Hr	FT Rating - 0 Hr
	FH Ratings - 1 and 2 Hr (See Items 1 and 3)
	FTH Rating - 0 Hr



Hilti Firestop Systems

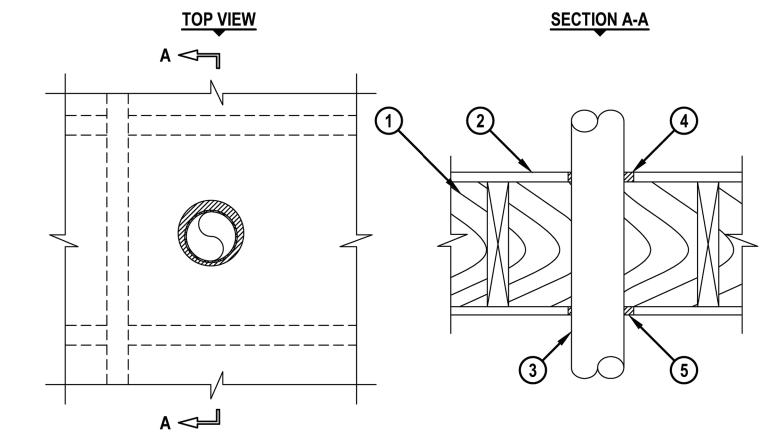
Reproduced by HILTI, Inc. Courtesy of Underwriters Laboratories, Inc. October 12, 2017

UL/cUL SYSTEM NO. F-C-7013

METAL DUCT (WITHOUT DAMPER) THROUGH WOOD FLOOR/CEILING ASSEMBLY

F-RATING = 1-HR.
T-RATING = 0-HR.

FC7013e.052621



1. WOOD FLOOR/CEILING ASSEMBLY (UL/cUL CLASSIFIED L500 SERIES) (1-HR. FIRE-RATING).
2. LUMBER OR PLYWOOD SUBFLOOR WITH FINISH FLOOR OF LUMBER, PLYWOOD, OR FLOOR TOPPING MIXTURE.
3. MAXIMUM 4" NOMINAL DIAMETER SHEET METAL DUCT (MINIMUM 28 GAUGE).
4. MINIMUM 3/4" DEPTH HILTI FS-ONE MAX INTUMESCENT FIRESTOP SEALANT FLUSH WITH TOP SURFACE OF FLOOR OR SOLE PLATE.
5. MINIMUM 5/8" DEPTH HILTI FS-ONE MAX INTUMESCENT FIRESTOP SEALANT FLUSH WITH BOTTOM SURFACE OF CEILING OR LOWER TOP PLATE.

NOTES : 1. MAXIMUM DIAMETER OF OPENING = 5".
2. ANNULAR SPACE = MINIMUM 1/4", MAXIMUM 3/4".
3. [NOT SHOWN, OPTIONAL] CHASE WALL - THE THROUGH PENETRANT MAY BE ROUTED THROUGH A 1-HR. FIRE-RATED GYPSUM CHASE WALL.

Hilti Firestop Systems	HILTI, Inc. Plano, Texas USA (800) 879-8000	Sheet 1 of 1 / Scale 1/8" = 1" / Date May 26, 2021	Drawing No. FC 7013e

Saving Lives through Innovation and Education

System No. W-L-7040

WL 7040

3. Firestop System — The firestop system shall consist of the following:
   A. Fill, Void or Cavity Material*—Sealant — Min 5/8 in. (16 mm) thickness of fill material applied within annulus flush with both surfaces of wall. At point contact location, a min 1/2 in. (13 mm) diam bead of fill material shall be applied to the wall/duct interface on both surfaces of wall.
   HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — FS-ONE Sealant, FS-ONE MAX Intumescent Sealant, CP601S Elastomeric Firestop Sealant or CP606 Flexible Sealant
   B. Steel Retaining Angle — No. 18 MSG (0.048 in.) galv steel angles cut to fit contour of duct with a 2 in. overlap on the duct and a min 1 in. overlap on the gypsum board assembly on both sufaces of wall. 2 in. leg of angle secured to duct with min No. 8 by 3/4 in. long sheet metal screws, spaced a max of 6 in. OC. When bead of fill material is used at joint contact locations, angles shall be installed prior to full material curing.

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

Hilti Firestop Systems

Reproduced by HILTI, Inc. Courtesy of Underwriters Laboratories, Inc. September 16, 2015

System No. W-L-7042

WL 7042

1. Wall Assembly — The 1 or 2 hr fire rated wallboard/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300, U400, V400 or W400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features.
   A. Studs — Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. (51 by 102 mm) lumber spaced 16 in. (406 mm) OC. Steel studs to be min 2-1/2 in. (64 mm) wide and spaced 24 in. (610 mm) OC. Additional framing members shall be used to completely frame the opening for all ducts greater than 20 in. (502 mm) diam.
   B. Gypsum Board* — For 1 hr assembly, one layer of min 5/8 in. (16 mm) thick wallboard as required in the individual Wall and Partition Design. For 2 hr assembly, two layers of min 5/8 in. (16 mm) thick wallboard as required in the individual Wall and Partition Design. Max diam of opening is 14-1/2 in. (368 mm) for wood stud walls and 25-1/2 in. (648 mm) for steel stud walls.
   The hourly F and FH Ratings of the firestop system are equal to the hourly fire rating of the wall assembly in which it is installed.
2. Through Penetrant — Galv steel duct to be installed concentrically or eccentrically within the firestop system. The annular space between the duct and periphery of opening shall be 0 in. (0 mm, point contact) and max 1-1/2 in. (64 mm) Duct to be rigidly supported on both sides of wall assembly.
   A. Spiral Wound HVAC Duct — Nom 24 in. (610 mm) diam (or smaller) No. 28 MSG (or heavier) galv steel spriral wound duct.
   B. Sheet Metal Duct — Nom 12 in. (305 mm) diam (or smaller) No. 28 MSG (or heavier) galv sheet steel duct.
3. Fill, Void or Cavity Material*—Sealant — Min 5/8 in. (16 mm) and 1-1/4 in. (32 mm) thickness of fill material applied within annulus, flush with both surfaces of wall assembly for 1 and 2 hr F Ratings, respectively. When FS-ONE Max is used, min 5/8 in. (16mm) thickness for both 1 and 2 hr F Ratings. At the point contact location between duct and wallboard, a min 1/2 in. (13 mm) diam bead of sealant shall be applied at the wallboard/duct interface on both surfaces of wall assembly.
   HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — CP601S Elastomeric Firestop Sealant, FS-ONE Sealant, FS-ONE MAX Intumescent Sealant or CP606 Flexible Firestop Sealant

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

Hilti Firestop Systems

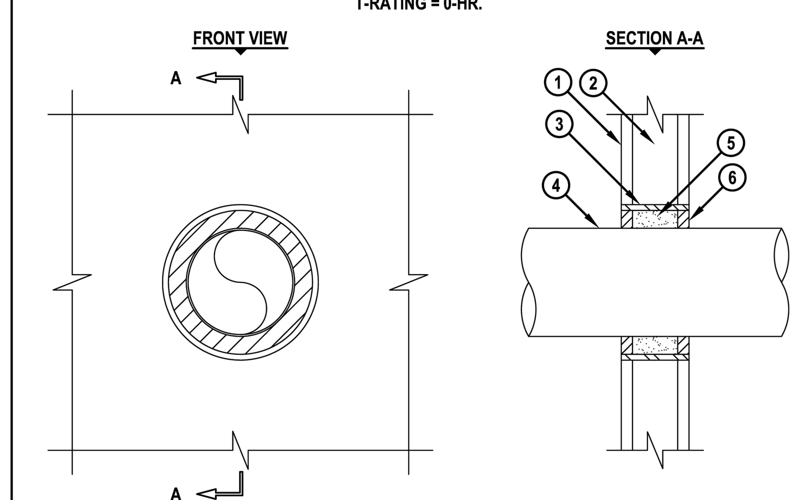
Reproduced by HILTI, Inc. Courtesy of Underwriters Laboratories, Inc. October 12, 2017

UL/cUL SYSTEM NO. W-L-7017

METAL DUCT (WITHOUT DAMPER) THROUGH GYPSUM WALL ASSEMBLY

F-RATING = 1-HR.
T-RATING = 0-HR.

WL7017e.011415



1. GYPSUM WALL ASSEMBLY (UL/cUL CLASSIFIED U300 OR U400 SERIES) (1-HR. FIRE-RATING).
2. [NOT SHOWN] WOOD STUDS TO CONSIST OF NOMINAL 2" x 4" LUMBER. STEEL STUDS TO BE MINIMUM 2-1/2" WIDE.
3. MAXIMUM 8" NOMINAL DIAMETER STEEL PIPE SLEEVE (SCHEDULE 40 OR HEAVIER).
4. MAXIMUM 6" DIAMETER SHEET METAL DUCT (MINIMUM 28 GAUGE).
5. HILTI CF-AS CJP OR CF 812 FILLER FOAM RECESSED TO ACCOMMODATE FIRESTOP SEALANT.
6. MINIMUM 5/8" DEPTH HILTI FS-ONE MAX OR FS-ONE INTUMESCENT FIRESTOP SEALANT.

NOTES : 1. MAXIMUM DIAMETER OF OPENING = 8-5/8".
2. ANNULAR SPACE = MINIMUM 1/2", MAXIMUM 1-1/2".

Hilti Firestop Systems	HILTI, Inc. Tulsa, Oklahoma USA (800) 879-8000	Sheet 1 of 1 / Scale 11/64" = 1" / Date Jan. 14, 2015	Drawing No. WL 7017e

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CONTRACTOR NOTE

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MECHANICAL DETAILS

M5.3

NATURAL GAS-FIRED DX SPLIT SYSTEMS

DESIG.	SERVES	NOM. TONS	FAN TOTAL CFM	FAN O.A. CFM	FAN ESP (IN WG)	FAN HP	COOLING @ AMBIENT (°F) = 90 TOTAL MBH	SENS MBH	EAT DB/WB	LAT DB/WB	SEER (EER)	HEATING @ AMBIENT (°F) = 12 INPUT MBH	OUTPUT MBH	EAT DB	LAT DB	EFF %	FURNACE / CU TEMPSTAR MODEL NUMBER	COOLING COIL TEMPSTAR MODEL NUMBER	ACCESSORIES	WEIGHT (LBS)	ELECTRICAL VOLT/ PHASE	MCA	MOCP
GF-01	FUTURE COMMERCIAL SPACE	4.0	1600	115	0.5	0.75	46.3	32.6	77/62	55/52	14.0 (12.0)	80.0	75.0	64.0	107.4	93.8%	N92MSN0801716A	EVD4X48M21A	1,2,3,4,6,7	150, 35	120/1	14.7	15
CU-01																	N4A5S48AKA			199	208/1	32.8	50

NOTES:
A. ALL SYSTEMS SHALL USE R-410A REFRIGERANT.
B. ALL EQUIPMENT SHALL BE INSTALLED SO AS TO MAINTAIN ALL CODE AND MANUFACTURER REQUIRED CLEARANCES FOR SERVICE, ACCESS, AND OPERATION.
C. REFER TO DETAILS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
D. ADJUST AIR HANDLER BLOWER SPEED TAP IN FIELD AS NEEDED TO PROVIDE TOTAL CFM SHOWN IN SCHEDULE.

ACCESSORIES:
1. FACTORY CONCENTRIC VENT KIT.
2. 7-DAY PROGRAMMABLE THERMOSTAT WITH MANUAL OVER-RIDE, SETBACK, AND TIME DELAY RELAY.
3. MERV 6 FILTER IN INTEGRAL FILTER RACK.
4. FACTORY-MOUNTED THERMAL EXPANSION VALVE IF REQUIRED FOR SPECIFIED SEER RATING.
5. TWO-STAGE HEATING.
6. PROVIDE SAFE-T-SWITCH FOR SECONDARY CONDENSATE.
7. LOCKABLE REFRIGERANT SERVICE PORT CAPS.
8. SMOKE DETECTOR IN RETURN AIR PATH.
9. DIFFERENTIAL ENTHALPY ECONOMIZER DAMPERS, SENSORS, CONTROLS, ETC.

NATURAL VENTILATION CALCULATIONS

UNIT TAG	SQUARE FOOTAGE (S.F.)	OPERABLE AREA REQUIRED (S.F.)*4%	ACTUAL OPERABLE AREA (S.F.)
UNIT 101	715	29	47.4
UNIT 201	1131	45	52.7
UNIT 202	540	22	42.3
UNIT 203	680	27	48.4
UNIT 302	540	22	42.3
UNIT 303	680	27	48.4

OMC Table 403.3

UNIT NO.	ROOM NO.	AREA S.F.	AREA SERVED	PERSONS PER 1000 S.F.	NO. OF PEOPLE	CFM PER PERSON	CFM PER S.F.	O.A. REQUIRED	S.A. PROVIDED	O.A. PROVIDED	NOTES
GFU-01		901	FUTURE COMMERCIAL TENANT	0	0	0	0.12	108	1525	110	
		56	FUTURE COMMERCIAL RESTROOM	0	0	0	0	0	75	5	
TOTALS					0			108	1600	115	A

NOTES:
A BALANCE UNIT OUTSIDE AIR TO 7%
B DISTRIBUTION EFFECTIVENESS 1.0
C SPACES COMMUNICATE

ELECTRIC HEATERS

DESIG.	SERVES	KW	CFM	QMARK MODEL	ACCESSORIES	ELECTRICAL VOLT/ PHASE
WH-01	STAIR	3.6	100	LFK484F	1,2,3,6	208/1

NOTES:
A. MOUNT WALL HEATERS AT 18" AFF UNLESS NOTED OTHERWISE ON PLANS.
B. MOUNT UNIT HEATERS AT 12" BFC UNLESS NOTED OTHERWISE ON PLANS.
C. MOUNT BASEBOARD HEATERS AT FLOOR LEVEL.

ACCESSORIES:
1. FACTORY NON-FUSED DISCONNECT
2. FACTORY INTERNAL THERMOSTAT
3. TAMPERPROOF THERMOSTAT
4. REMOTE THEMOSTAT
5. PROVIDE UNIT SUB-BASE.
6. WALL SURFACE MOUNT FRAME
7. CEILING MOUNTING BRACKET
8. RECESS TRIM KIT

GRILLES - REGISTERS - DIFFUSERS

DESIG.	DUTY	TYPE	FRAME TYPE	MATERIAL	FINISH	FACE SIZE (IN)	MANUFACTURER / MODEL
SA	SUPPLY	LOUVERED	CELING/SIDE	ALUMINUM	WHITE	SEE PLANS	TITUS 300FL
RA	RETURN	LOUVERED	CEILING/SIDE	ALUMINUM	WHITE	SEE PLANS	TITUS 355FL
TG	RETURN	LOUVERED	CEILING/SIDE	ALUMINUM	WHITE	SEE PLANS	TITUS 355FL

NOTES:
A) PROVIDE CRD AT CEILING IN RATED ASSEMBLIES.
B) PROVIDE OPPOSED BLADE DAMPERS IN SA REGISTERS.
C) RETURN GRILLES (RG) AND TRANSFER GRILLES (TG) LOCATED ON WALLS SHALL BE INSTALLED WITH BLADES DOWN.

DX SPLIT SYSTEM HEAT PUMPS

DESIG.	SERVES	NOM. TONS	FAN TOTAL CFM	FAN O.A. CFM	FAN ESP (IN WG)	FAN HP	COOLING @ AMBIENT (°F) = 90 TOTAL MBH	SENS MBH	EAT DB/WB	LAT DB/WB	SEER (EER)	SEER2 (EER2)	HEATING @ AMBIENT (°F) = 47 TOTAL MBH	EAT DB	LAT DB	COP (HSPF)	HSPF2	AUXILIARY HEATING @ AMBIENT (°F) = 12 KW RATING @230 V	ACTUAL KW OUT	NO. OF STAGES	EAT DB	LAT DB	AHU / HP TEMPSTAR MODEL NUMBER	HEAT KIT TEMPSTAR MODEL NUMBER	ACCESSORIES	WEIGHT (LBS)	ELECTRICAL CIRCUIT #1 V / PH	MCA	MOCP
AHU-A	UNITS 202,203,302,&303	1.0	430	0	0.5	0.33	12.6	9.5	80/67	59/58	15.5 (10.5)	----	13.7	68.0	97.5	(9.5)	----	8.0	6.0	1	68.0	112.1	FMA4X1800AL	EHK208B	1,2,3,4,5,6,7,13	103	208/1	36.3	50
HP-A																							DLCSRBH12AAK			74	208/1	15.0	15
AHU-B	UNIT 101	1.5	600	0	0.5	0.33	18.0	13.5	80/67	59/58	17.0 (11.8)	----	19.2	68.0	97.6	(11.0)	----	10.0	7.5	1	68.0	107.5	FMA4X1800AL	EHK210B	1,2,3,4,5,6,7,13	103	208/1	47.6	60
HP-B																							DLCSRBH18AAK			101	208/1	16.0	25

NOTES:
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C. REFER TO DETAILS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
D. ADJUST AIR HANDLER BLOWER SPEED TAP IN FIELD AS NEEDED TO PROVIDE TOTAL CFM SHOWN IN SCHEDULE.

ACCESSORIES:
1. FIELD-INSTALLED ELECTRIC HEAT KIT WITH THERMAL OVERLOADS.
2. 7-DAY PROGRAMMABLE THERMOSTAT WITH MANUAL OVER-RIDE, SETBACK, AND TIME DELAY RELAY.
3. MERV 8 FILTER IN INTEGRAL FILTER RACK.
4. FACTORY-MOUNTED THERMAL EXPANSION VALVE IF REQUIRED FOR SPECIFIED SEER RATING.
5. BI-FLOW FILTER DRYER.
6. PROVIDE SAFE-T-SWITCH FOR SECONDARY CONDENSATE.
7. LOCKABLE REFRIGERANT SERVICE PORT CAPS.
8. FACTORY-INSTALLED ELECTRIC HEAT KIT WITH THERMAL OVERLOADS.
9. FACTORY NON-LOUVERED CEILING ACCESS PANEL.
10. DIFFERENTIAL ENTHALPY ECONOMIZER DAMPERS, SENSORS, CONTROLS, ETC.
11. SMOKE DETECTOR IN RETURN AIR PATH.
12. OUTDOOR TEMPERATURE SENSOR.
13. PROVIDE 24V INTRFACE KIT FOR DUCTLESS SYSTEM - TEMPSTAR MODEL #KSAIC0401230.

FANS

DESIG.	SERVES	CONTROL	CFM	ESP. IN W.G.	DRIVE	MOTOR WATTS (HP)	SONES	PANASONIC (GREENHECK) MODEL	ACCESSORIES	ELECTRICAL VOLT/ PHASE
EF-A	UINT BATHROOM	SWITCH	50	0.25	DIRECT	6.2	0.4	FV-0511VKSL2	1,2,4,5	120/1
EF-B	UNIT KITCHEN	CONTINUOUS	50	0.25	DIRECT	7.5	0.5	FV-0510VS1	1,2,4,5	120/1
EF-01	FUTURE RETAIL UNISEX	SWITCH	70	0.25	DIRECT	15	0.4	(SP-A90)	1,2,4,5	120/1

NOTES:
A. ALL FANS TO HAVE OSHA GUARDS.
B. ALL EQUIPMENT SHALL BE INSTALLED SO AS TO MAINTAIN ALL CODE AND MANUFACTURER REQUIRED CLEARANCES FOR SERVICE, ACCESS, AND OPERATION.
C. REFER TO DETAILS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
D. CONTROL TYPE:
CONTINUOUS = ALWAYS ON.
AHU = FAN OPERATES WHEN AIR HANDLER IS RUNNING.
SWITCH = DEDICATED ON / OFF WALL SWITCH LOCATED IN SPACE SERVED.
LIGHT = INTERLOCK TO LIGHT IN SPACE SERVED.
T-STAT = FAN OPERATES WHEN SPACE TEMPERATURE EXCEEDS SETPOINT OF THERMOSTAT (85F).
GAS = FAN OPERATES UPON ALARM FROM GAS MONITORING SYSTEM.
SMOKE = FAN OPAREATES UPON ALARM FROM SMOKE DETECTOR.
OCCUPANCY SENSOR = FAN OPERATES UPON SIGNAL FROM OCCUPANCY SENSOR IN THE SPACE.
TIMECLOCK = FAN OPERATES DURING BUSINESS HOURS, AS DETERMINED BY PROGRAMMABLE TIMECLOCK AT ELECTRICAL PANEL.

ACCESSORIES:
1. GRAVITY BACKDRAFT DAMPER.
2. GALVANIZED BIRDSCREEN.
3. MESH INSECT SCREEN.
4. PRE-WIRED NON-FUSED SERVICE DISCONNECT.
5. SPEED CONTROLLER.
6. AUTOMATIC BELT TENSIONER.
7. 14" HIGH ROOF CURB.
8. 14" HIGH HINGED, VENTED ROOF CURB.
9. CEILING RADIATION DAMPER.
10. MOTORIZED BACKDRAFT DAMPER.
11. WALL SLEEVE.
12. MOTORSIDE OSHA GUARD.
13. COMBINATION STARTER / DISCONNECT.
14. WEATHERHOOD.
15. VARIABLE FREQUENCY DRIVE.
16. FILTERING BOX
17. 2X - 4" PIPE CONNECTION.

DUCTLESS SPLIT SYSTEM HEAT PUMPS

DESIG.	SERVES	FAN CFM	FAN O.A. CFM	COOLING @ 90° F. AMBIENT TOTAL MBH	EAT DB/WB	LAT DB/WB	SEER	HEATING @ 12° F. AMBIENT TOTAL MBH	EAT DB	LAT DB	HSPF	EQUAL TO MITSUBISHI MODEL NUMBER	WEIGHT (LBS)	ELECTRICAL VOLT/ PHASE	MCA	MOCP
DAHU-A1A	UNIT 201	343	0	23.6	80 / 67	56 / 54	19.0	12.5	68.0	101.7	10.0	MSZ-GS12NA	23	208/1	1.0	
DAHU-A1B		261	0		80 / 67	56 / 54		6.3	68.0	90.2		MSZ-FS06NA	29	208/1	1.0	
DAHU-A1C		261	0		80 / 67	56 / 54		6.3	68.0	90.2		MSZ-FS06NA	29	208/1	1.0	
DHP-A1												MXZ-3C24NAHZ3	189	208/1	30.5	40

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C. REFER TO DETAILS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
D. INDOOR UNIT IS POWERED BY OUTDOOR UNIT.
E. HYPER HEAT MODEL.

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MECHANICAL SCHEDULES

M6.1

Section # & Req.ID	Mechanical Rough-In Inspection	Complies?	Comments/Assumptions
C403.2.3 [ME55][2]	HVAC equipment efficiency verified.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Mechanical Systems list for values.*
C403.2.5.1 [ME59][1]	Demand control ventilation provided for spaces >500 sq.ft. and >25 people/1000 sq.ft. occupant density and served by systems with air side economizer, auto modulating outside air damper control, or design airflow >3,000 cfm.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C403.2.7 [ME60][2]	HVAC ducts and plenums insulated. Where ducts or plenums are installed in or under a slab, verification may need to occur during Foundation Inspection.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	**Exception:** Requirement does not apply.
C403.2.8.1 [ME7][3]	Piping insulation exposed to weather is protected from damage (due to sun, moisture, wind, etc.).	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C403.2.8 [ME41][3]	Thermally ineffective panel surfaces of sensible heating panels have insulation >= R-3.5.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C403.2.7 [ME10][2]	Ducts and plenums sealed based on static pressure and location.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C403.2.7.1.3 [ME11][3]	Ductwork operating >3 in. water column requires air leakage testing.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C408.2.2.1 [ME53][3]	Air outlets and zone terminal devices have means for air balancing.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C403.4.2 [ME66][3]	VAV fan motors >=7.5 hp to be driven by variable speed drive, have a vane-axial fan with variable pitch blades, or have controls to limit fan motor demand.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	**Exception:** Requirement does not apply.
C403.4.2 [ME66][3]	VAV fan motors >=7.5 hp to be driven by variable speed drive, have a vane-axial fan with variable pitch blades, or have controls to limit fan motor demand.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	**Exception:** Requirement does not apply.
C403.2.6 [ME57][3]	Exhaust air energy recovery on systems meeting Table C403.2.6	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	**Exception:** Requirement does not apply.
C403.2.11 [ME71][3]	Unenclosed spaces that are heated use only radiant heat.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	**Exception:** Requirement does not apply.

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Section # & Req.ID	Footing / Foundation Inspection	Complies?	Comments/Assumptions
C403.2.4.5 [FO9][3]	Freeze protection and snow/ice melting system sensors for future connection to controls.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	**Exception:** Requirement does not apply.

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

COM*check* Software Version 4.1.5.5

Inspection Checklist

Energy Code: 2012 IECC

Requirements: 100.0% were addressed directly in the COM*check* software

Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req.ID	Plan Review	Complies?	Comments/Assumptions
C103.2 [PR2][3]	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the mechanical systems and equipment and document where exceptions to the standard are claimed. Load calculations per acceptable engineering standards and handbooks.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C103.2 [PR3][3]	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the service water heating systems and equipment and document where exceptions to the standard are claimed. Hot water system sized per manufacturer's sizing guide.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

COM*check* Software Version 4.1.5.5

Mechanical Compliance Certificate

Project Information

Energy Code: 2012 IECC
Project Title: RUSS ALLEY
Location: Cincinnati, Ohio
Climate Zone: 4a
Project Type: Alteration

Construction Site:
1633 Vine St,
Cincinnati, OH 45202

Owner/Agent:

Designer/Contractor:
PE Services, LLC
9 North Broadway Street
Lebanon, OH 45036
866-997-0600

Mechanical Systems List

Quantity System Type & Description

1 GF-01 (Single Zone):
Heating: 1 each - Central Furnace, Gas, Capacity = 75 kBtu/h
Proposed Efficiency = 92.00% Et, Required Efficiency: 80.00 % Et (or 78% AFUE)
Fan System: 4 Ton -- Compliance (Motor nameplate HP method) : Passes

Fans:
FAN 1 Supply, Constant Volume, 1600 CFM, 0.8 motor nameplate hp

1 Water Heater 1:
Electric Instantaneous Water Heater, Capacity: 1 gallons
Proposed Efficiency: 0.94 SL, Btu/h (if > 12 kW), Required Efficiency: 156.73 SL, Btu/h (if > 12 kW)

Mechanical Compliance Statement

Compliance Statement: The proposed mechanical alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed mechanical systems have been designed to meet the 2012 IECC requirements in COM*check* Version 4.1.5.5 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Name - Title Signature Date

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

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ENERGY CODE COMPLIANCE

M8.1

NOTE: ALL SYMBOLS MAY NOT APPLY
(TYPICAL FOR ALL SYMBOL LEGENDS)

ELECTRICAL SYMBOL LEGEND

XX	CODED PLAN NOTE	XX / XXX	DETAIL # / SHEET # REFERENCE TAG
XX	EQUIPMENT DESIGNATION		
MDP-22	CIRCUIT DESIGNATION PANEL DESIGNATION - CIRCUIT NUMBER		
K	ELECTRIC UTILITY KEY BOX	$3	WALL SWITCH-NUMBER INDICATES 2 POLE, 3 OR 4 WAY (NO NUMBER FOR SINGLE POLE)
F/L	FAN/LIGHT COMBINATION FIXTURE	$a	LOWER CASE LETTER INDICATES FIXTURE(S) TO BE CONTROLLED BY SWITCH
	EXHAUST FAN	$D	DIMMER SWITCH
J	JUNCTION BOX	$F	CEILING FAN SPEED CONTROL SWITCH
	NON-FUSED DISCONNECT SWITCH	$K	KEY-OPERATED SWITCH
	FUSED DISCONNECT SWITCH	$M	MOTOR RATED DISCONNECT SWITCH
	MOTOR	$OS	OCCUPANCY SENSOR WALL SWITCH GREENGATE #ONW-D-1001-MV OR EQUAL
	PUSH BUTTON	$OR	OVERRIDE SWITCH
B	BUZZER/BELL	$PL	SWITCH WITH PILOT LIGHT
LVT	LOW VOLTAGE TRANSFORMER	$T	TIMER SWITCH GREENGATE #TSW-MV OR EQUAL
	SINGLE RECEPTACLE 20A, 120V	OS	WALL MOUNT OCCUPANCY SENSOR GREENGATE #OAWC-DT-120W OR EQUAL
	SPECIAL RECEPTACLE	OS	CEILING MOUNT OCCUPANCY SENSOR GREENGATE #OAC-DT-2000-R OR EQUAL
	DUPLEX RECEPTACLE 20A, 120V	SP	SWITCH PACK FOR OCCUPANCY SENSOR
	QUADRUPLEX RECEPTACLE 20A, 120V	Pc	PHOTOCELL
	GFCI DUPLEX RECEPTACLE 20A, 120V	TC	TIMECLOCK
	GFCI QUADRUPLEX RECEPTACLE 20A, 120V	#A	CURRENT LIMITING DEVICE - NUMBER INDICATES MAX AMPERAGE OF DEVICE
	IG DUPLEX RECEPTACLE 20A, 120V	PP	POWER POLE
	IG QUADRUPLEX RECEPTACLE 20A, 120V	W	¾" CONDUIT STUB AND BOX FOR WALL PHONE WIRING BY OTHERS
	SPLIT WIRED DUPLEX RECEPTACLE 20A, 120V		¾" CONDUIT STUB AND BOX FOR PHONE WIRING BY OTHERS
	SPLIT WIRED QUADRUPLEX RECEPTACLE 20A, 120V		¾" CONDUIT STUB AND BOX FOR DATA WIRING BY OTHERS
TL	TWISTLOCK RECEPTACLE		¾" CONDUIT STUB AND BOX FOR DATA/PHONE WIRING BY OTHERS
	FLUSH MTD AS INDICATED BY BOX AROUND DEVICE, FLR=FLOOR, CLG=CEILING	TV	TELEVISION OUTLET
	SURFACE MOUNT PANELBOARD/LOADCENTER	WA	WIRELESS ACCESS
	FLUSH MOUNT PANELBOARD/LOADCENTER	MB	MEDIA BOX DEMARC LOCATION
M	UTILITY SERVICE METER	OP	OVERHEAD PROJECTOR
	PLUGMOLD - SEE PLAN VIEW FOR SPECIFIC LENGTHS	UPS	UNINTERRUPTIBLE POWER SUPPLY
ANNC	GENERATOR ANNUNCIATOR		

ELECTRICAL NOTATIONS

AC	ABOVE COUNTER	LV	LOW VOLTAGE
AFF	ABOVE FINISHED FLOOR	MBJ	MAIN BONDING JUMPER
AFG	ABOVE FINISHED GRADE	MC	MECHANICAL CONTRACTOR
BPS	BOLTED PRESSURE SWITCH	MTD	MOUNTED
CLG	CEILING MOUNTED	NTS	NOT TO SCALE
CKT	CIRCUIT	(PART)	INDICATES CIRCUIT USED ELSEWHERE
EC	ELECTRICAL CONTRACTOR	PC	PLUMBING CONTRACTOR
EM	EMERGENCY	SSBJ	SUPPLY-SIDE BONDING JUMPER
ETR	EXISTING TO REMAIN	SUC	SITE UTILITY CONTRACTOR
FLR	FLOOR MOUNTED	TYP	TYPICAL
FSC	FIRE SUPPRESSION CONTRACTOR	UG	UNDERGROUND
GC	GENERAL CONTRACTOR	UNO	UNLESS NOTED OTHERWISE
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	WP	WEATHERPROOF
GFEP	GROUND FAULT EQUIPMENT PROTECTION	WG	WIRE GUARD
GND	GROUND	WR	WEATHER RESISTANT
HC	HVAC CONTRACTOR	XX"	DIMENSIONED HEIGHT
IG	ISOLATED GROUND		

NOTE: ALL SYMBOLS MAY NOT APPLY
(TYPICAL FOR ALL SYMBOL LEGENDS)

FIRE ALARM SYMBOL LEGEND

FACP	FIRE ALARM CONTROL PANEL	NAC #	NOTIFICATION CIRCUIT POWER BOOSTER PANEL # = UNIT NUMBER
FAA	FIRE ALARM ANNUNCIATOR	BATT	BATTERY CABINET
EVAC	VOICE EVACUATION CONTROL UNIT	ARCM	AREA OF REFUGE EM COMMUNICATION SYSTEM - MASTER UNIT
MIC	REMOTE VOICE EVACUATION MICROPHONE	ARCR	AREA OF REFUGE EM COMMUNICATION SYSTEM - REMOTE UNIT
F	MANUAL PULL STATION	CO	CARBON MONOXIDE DETECTOR
	SMOKE DETECTOR	SA	SMOKE ALARM WITH SOUNDER BASE
P	SMOKE DETECTOR P = PHOTOELECTRIC	BT	SMOKE DETECTOR BT = BEAM TRANSMITTER
I	SMOKE DETECTOR I = IONIZATION	BR	SMOKE DETECTOR BR = BEAM RECEIVER
	SMOKE DETECTOR IN DUCT	RTS	REMOTE TEST STATION
	HEAT DETECTOR	V	VIBRATING BELL
H	HORN		HORN STROBE COMBINATION
	WALL MOUNT STROBE		CEILING MOUNT STROBE
H	CEILING MOUNT HORN		CEILING MOUNT HORN STROBE COMBINATION
WF	WATER FLOW SWITCH	DH	DOOR HOLDER
VS	VALVE SUPERVISORY SWITCH	DCL	DOOR CLOSER
PS	PRESSURE SWITCH	AIM	ADDRESSABLE INPUT MODULE
FD	FIRE DEPARTMENT KEY BOX		

ELECTRICAL LINETYPE LEGEND

— — — — —	GENERAL DEMO
————	GENERAL EXISTING
— — — — —	SWITCH LEG
— — UGE — —	UNDERGROUND ELECTRIC
— — (AB)UGE — —	UNDERGROUND ELECTRIC (ABANDONED)
— — (D)UGE — —	UNDERGROUND ELECTRIC (DEMO)
— — (E)UGE — —	UNDERGROUND ELECTRIC (EXISTING)
—LV—	LOW VOLTAGE
—(AB)LV—	LOW VOLTAGE (ABANDONED)
— — (D)LV — —	LOW VOLTAGE (DEMO)
—(E)LV—	LOW VOLTAGE (EXISTING)
— — UGLV — —	UNDERGROUND LOW VOLTAGE
— — (AB)UGLV — —	UNDERGROUND LOW VOLTAGE (ABANDONED)
— — (D)UGLV — —	UNDERGROUND LOW VOLTAGE (DEMO)
— — (E)UGLV — —	UNDERGROUND LOW VOLTAGE (EXISTING)

MAIN ELECTRICAL GENERAL NOTES:

A. ALL ELECTRICAL INSTALLATIONS MUST COMPLY WITH THE NATIONAL ELECTRICAL CODE (NEC) AND ALL STATE AND LOCAL CODES.

B. ELECTRICAL SERVICE TO BE INSTALLED IN COMPLIANCE WITH NEC ARTICLE 230.

C. CONTRACTOR SHALL OBTAIN FAULT CURRENT INFORMATION FROM UTILITY COMPANY AND PERFORM SHORT CIRCUIT CALCULATIONS. SIZE FUSES AND EQUIPMENT A.I.C. RATINGS ACCORDINGLY.

D. CONTRACTOR SHALL INSTALL A SEPARATE EQUIPMENT GROUNDING CONDUCTOR SIZED PER NEC TABLE 250.122 FOR ALL BRANCH CIRCUITS INSTALLED IN NON-METALLIC CONDUITS. METALLIC CONDUITS MAY BE USED AS EQUIPMENT GROUNDING CONDUCTORS PER NEC.

E. CONTRACTOR SHALL VERIFY ALL WIRE SIZING DUE TO VOLTAGE DROP CAUSED BY IN-FIELD ROUTING / INSTALLATION DISTANCES.

F. SERVICE ENTRANCE EQUIPMENT SHALL BE GROUNDED WITH A SEPARATE COPPER OR ALUMINUM CONDUCTOR AS INDICATED ON THE DRAWINGS AND PER NEC ARTICLE 250.52(A). GROUNDING CONDUCTOR SHALL ALSO BE CONNECTED TO A 5/8" DIAMETER X 8'-0" LONG GROUND ROD FOR SUPPLEMENTAL GROUNDING PER NEC ARTICLE 250.54.

G. CONTRACTOR IS RESPONSIBLE FOR LABELING ALL PANELS, DISCONNECTS, LIGHTING CONTROLLERS, ETC., AND ALL CIRCUIT BREAKERS IN THE DISTRIBUTION PANELS PRIOR TO PROJECT COMPLETION. PROVIDE A TYPED DIRECTORY OF ALL CIRCUITS. BREAKERS USED FOR SWITCHING SHALL BE RATED ACCORDINGLY.

H. CONTRACTOR SHALL SUPPLY AND INSTALL ALL NEC REQUIRED EQUIPMENT DISCONNECTS (NOT ALL DISCONNECTS MAY BE SHOWN ON THE DRAWINGS). CONTRACTOR SHALL VERIFY ALL DISCONNECT SIZING WITH EACH EQUIPMENT NAMEPLATE RATING.

I. CONTRACTOR IS RESPONSIBLE TO SECURE AND PAY FOR ALL PERMITS. CONTRACTOR SHALL COMPLY WITH ALL STATE, LOCAL, AND NATIONAL CODES. CONTRACTOR SHALL SCHEDULE INSPECTIONS SO JOB PROGRESS IS NOT DELAYED.

J. CONTRACTOR SHALL SUPPLY AND INSTALL ALL EQUIPMENT IN NEW CONDITION AND U.L. LISTED UNLESS NOTED OTHERWISE.

K. CONTRACTOR SHALL MAKE ARRANGEMENTS WITH LOCAL POWER COMPANY FOR THE INSTALLATION OF NEW ELECTRICAL SERVICE AND METER. INSTALL NEW SERVICE DISTRIBUTION EQUIPMENT AS SPECIFIED ON ELECTRICAL DRAWINGS.

L. CONTRACTOR SHALL COORDINATE ALL ELECTRICAL WORK WITH OTHER TRADES AND ARCHITECTURAL DRAWINGS TO ELIMINATE CONFLICTS.

M. PRIOR TO CONSTRUCTION START, CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND OPERATION MANUALS FOR ALL EQUIPMENT AND ACCESSORIES FOR OWNER APPROVAL.

N. CONTRACTOR SHALL PERFORM ALL WORK IN A NEAT AND PROFESSIONAL MANNER.

O. PROVIDE FLEXIBLE CONDUIT FOR ALL VIBRATING EQUIPMENT. PROVIDE FLEXIBLE CONDUIT FOR LIGHT FIXTURE CONNECTIONS.

P. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ELECTRICAL EQUIPMENT INFORMATION WITH MANUFACTURERS. CONTRACTOR SHALL PROVIDE ANY ADDITIONAL ELECTRICAL CONNECTIONS OR SERVICES TO EQUIPMENT WHICH ARE NOT SHOWN ON DRAWINGS.

Q. ALL PENETRATIONS OF WALL, ROOF, AND CEILINGS TO BE SEALED AS REQUIRED WITH U.L. APPROVED FIRE SEALANT TO MAINTAIN FIRE RATING AS REQUIRED. ALL ROOF PENETRATIONS, IF APPLICABLE, ARE TO BE COORDINATED WITH THE OWNER'S DESIGNATED ROOFING CONTRACTOR.

R. ELECTRICAL EQUIPMENT EXPOSED TO WEATHER CONDITIONS SHALL BE WEATHERPROOF TYPE. CONDUIT EXPOSED TO WEATHER CONDITIONS OR IN CONTACT WITH CONCRETE SHALL BE POLYVINYL CHLORIDE (PVC) OR GALVANIZED HEAVY WALL STEEL (GRC).

S. ALL EXTERIOR RECEPTACLES SHALL BE WEATHER RESISTANT AS WELL AS WEATHERPROOF PER NEC 406.9.

T. CONTRACTOR SHALL SUBMIT AS-BUILT DRAWINGS TO THE OWNER IF INSTALLATION VARIES FROM THE CONTRACT DRAWINGS.

U. ANY CONDUIT AND WIRE SIZES SHOWN ARE MINIMUMS. CONTRACTOR SHALL INCREASE SIZES (DUE TO VOLTAGE DROP, QUANTITY OF CURRENT CARRYING CONDUCTORS IN THE SAME CONDUIT/RACEWAY, ETC.) AS REQUIRED BY THE NEC.

V. ROOFTOP EQUIPMENT (IF APPLICABLE): CONTRACTOR SHALL INSTALL A WEATHERPROOF DISCONNECT FOR EACH UNIT. CONDUITS SHALL ENTER THE UNDERSIDE OF EACH HVAC UNIT FROM WITHIN THE CURBED AREA FOR THAT UNIT (THEREBY AVOIDING PENETRATIONS THROUGH THE ROOF MEMBRANE). IF J-BOX IS USED FOR SUPPLYING POWER TO MULTIPLE UNITS, THE J-BOX MUST BE LOCATED WITHIN 25 FEET OF EACH UNIT'S DISCONNECT PER THE NE.C. ARTICLE 240.21(B)(2). CONTRACTOR SHALL SUPPLY AND INSTALL A 120 VAC WEATHERPROOF GFCI RECEPTACLE WITHIN 25' OF EACH UNIT.

W. ALL CONTRACTORS, PRIOR TO BID SUBMISSION PROCESS, SHALL VISIT PROPOSED WORK SITE AND FIELD VERIFY ALL EXISTING CONDITIONS. ANY CONDITIONS THAT DIFFER FROM THAT SHOWN ON THIS PLAN SHALL BE REPORTED TO THE ARCHITECT/ENGINEER SO THAT NEW AND REVISED BID DRAWINGS OR INFORMATION MAY BE ISSUED. MODIFICATIONS TO SCOPE OF WORK WHICH RESULT FROM CONTRACTORS NEGLECT TO VISIT THE SITE PRIOR TO BID SUBMISSION SHALL BE CONTRACTOR'S SOLE RESPONSIBILITY.

ELECTRICAL SHEET INDEX

SHEET NO.	SHEET DESCRIPTION
E0.1	ELECTRICAL COVER SHEET
E1.0	BASEMENT LIGHTING PLAN
E1.1	FIRST FLOOR LIGHTING PLAN
E1.2	SECOND FLOOR LIGHTING PLAN
E1.3	THIRD FLOOR LIGHTING PLAN
E1.4	ATTIC LIGHTING PLAN
E2.0	BASEMENT POWER PLAN
E2.1	FIRST FLOOR POWER PLAN
E2.2	SECOND FLOOR POWER PLAN
E2.3	THIRD FLOOR POWER PLAN
E2.4	ATTIC POWER PLAN
E2.5	ROOF POWER PLAN
E5.1	ELECTRICAL DETAILS
E6.1	ELECTRICAL SCHEDULES & RISER DIAGRAM
E8.1	ENERGY CODE COMPLIANCE

CONTRACTOR NOTE

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ARCHITECT, LANDLORD AND TENANT OF ANY DISCREPANCIES ENCOUNTERED ON THE PLANS OR IN EXISTING SITE CONDITIONS PRIOR TO SUBMISSION OF BID.

BIDDERS ARE TO VISIT THE SITE AND FAMILIARIZE THEMSELVES WITH EXISTING CONDITIONS AND SATISFY THEMSELVES AS TO THE NATURE AND SCOPE OF THE WORK. THE BASE BID SHALL REFLECT MODIFICATIONS TO SYSTEMS AND DEVICES AS REQUIRED BY STATE, LOCAL AND FEDERAL CODES WHETHER INDICATED OR NOT ON CONTRACT DOCUMENTS. THE SUBMISSIONS OF A BID WILL BE EVIDENCE THAT SUCH AN EXAMINATION AND COMPLIANCE WITH GOVERNING CODES/REQUIREMENTS HAS BEEN MADE. LATER CLAIMS FOR LABOR, EQUIPMENT, OR MATERIALS REQUIRED, OR FOR DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORESEEN HAD AN EXAMINATION AND CODE/REQUIREMENTS REVIEW BEEN MADE, WILL NOT BE ALLOWED.

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ELECTRICAL COVER SHEET

E0.1

GENERAL NOTES:

A. ALL WORK SHALL MEET OR EXCEED ALL NEC STANDARDS.

B. SEE MAIN ELECTRICAL GENERAL NOTES FOR MORE INFORMATION.

C. COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO ROUGH-IN.

D. VERIFY EXACT LOCATIONS AND MOUNTING HEIGHTS FOR ALL FIXTURES AND DEVICES PRIOR TO ROUGH-IN.

E. ALL EXIT/EMERGENCY LIGHTING SHALL BE PROVIDED WITH AN UNSWITCHED CONDUCTOR ON THE INDICATED CIRCUIT.

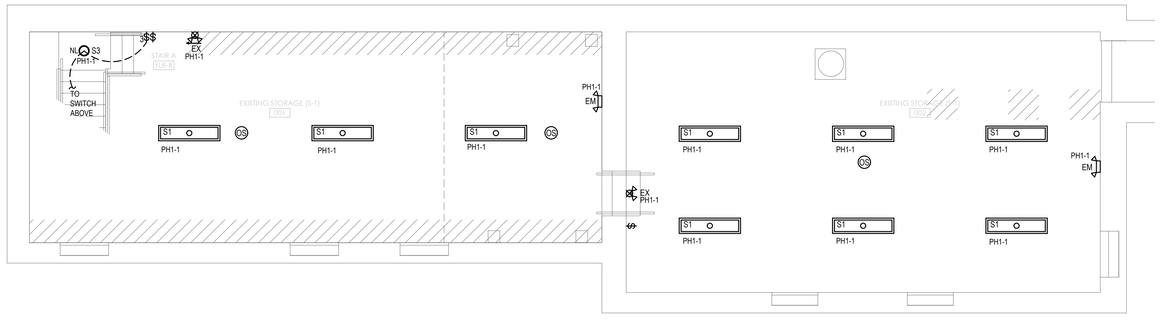
F. ALL FIXTURES SHOWN WITH A "NL" TAG SHALL BE CONSIDERED A NIGHT LIGHT AND BE CONNECTED AHEAD OF ALL CONTROLS.

G. VERIFY THE COLOR OF ALL FIXTURES, DEVICES, AND COVER PLATES WITH OWNER.

H. ALL LIGHT FIXTURES INSTALLED IN CLOTHES CLOSETS SHALL CONFORM TO NEC ARTICLE 410.16.

I. FOR ALL OCCUPANCY SENSORS, PROVIDE SWITCHPACK AND ALL OTHER REQUIRED HARDWARE WHERE NECESSARY. COORDINATE ALL SETTINGS WITH OWNER PRIOR TO ROUGH-IN.

J. PROVIDE PHOTOCELL CONTROL FOR ALL EXTERIOR LIGHTING. COORDINATE ALL SETTINGS WITH OWNER.



BASEMENT LIGHTING PLAN | 1
1/4" = 1'-0" | E1.0

NORTH

CONTRACTOR NOTE

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BASEMENT LIGHTING PLAN

E1.0

(THESE GENERAL AND PLAN NOTES APPLY TO ALL ELECTRICAL TYPICAL UNIT PLANS - ALL PLAN NOTES MAY NOT APPLY TO EVERY SHEET)

GENERAL NOTES:

A. ALL WORK SHALL MEET OR EXCEED THE MOST CURRENT EDITION OF THE NATIONAL ELECTRICAL CODE, STATE CODE(S) AND LOCAL CODE(S).

B. WHEN CONFLICTS OCCUR BETWEEN THE PLANS AND OR SPECS WITH ANY LOCAL CODES, THE MOST STRINGENT REQUIREMENTS APPLY.

C. SEE MAIN ELECTRICAL GENERAL NOTES, SYMBOL LEGEND, LUMINAIRE SCHEDULE, LINETYPE LEGEND, AND ELECTRICAL NOTATIONS ON THE ELECTRICAL COVER SHEET FOR MORE INFORMATION.

D. VERIFY EXACT LOCATIONS AND MOUNTING HEIGHTS FOR ALL FIXTURES AND DEVICES PRIOR TO ROUGH-IN.

E. COORDINATE THE COLOR OF ALL SWITCHES, RECEPTACLES, ETC. AND COVER PLATES WITH ARCHITECT, OWNER, COMMUNICATIONS CONTRACTOR, AND INTERIOR DESIGNER.

F. COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO ROUGH-IN.

G. DEVICES INSTALLED IN FIRE SEPARATION WALLS / CEILINGS SHALL BE INSTALLED IN ACCORDANCE WITH THE LISTING AND LABELING OF THE RATED ASSEMBLY. DO NOT INSTALL OUTLET BOXES WITHIN THE SAME STUD SPACE.

H. ALL PRODUCTS USED FOR FIRE-STOP SYSTEMS SHALL BE RATED FOR COMMERCIAL CONSTRUCTION.

I. UNLESS NOTED OTHERWISE, SEE MOUNTING HEIGHT DETAILS FOR ALL DEVICES. SEE ADA MOUNTING DETAILS FOR THE APPROPRIATE UNITS.

J. PANEL DESIGNATIONS WERE LEFT OFF EACH CIRCUIT TAG. THE NUMBER SHOWN NEXT TO EACH DEVICE/FIXTURE REPRESENTS THE CIRCUIT NUMBER AS SHOWN IN THE PANEL SCHEDULE FOR THIS UNIT TYPE.

K. PROVIDE SURGE PROTECTION PER NEC 230.67.

L. ALL FIXTURES SHOWN WITH A "NL" TAG SHALL BE CONSIDERED A NIGHT LIGHT AND BE CONNECTED AHEAD OF ALL CONTROLS.

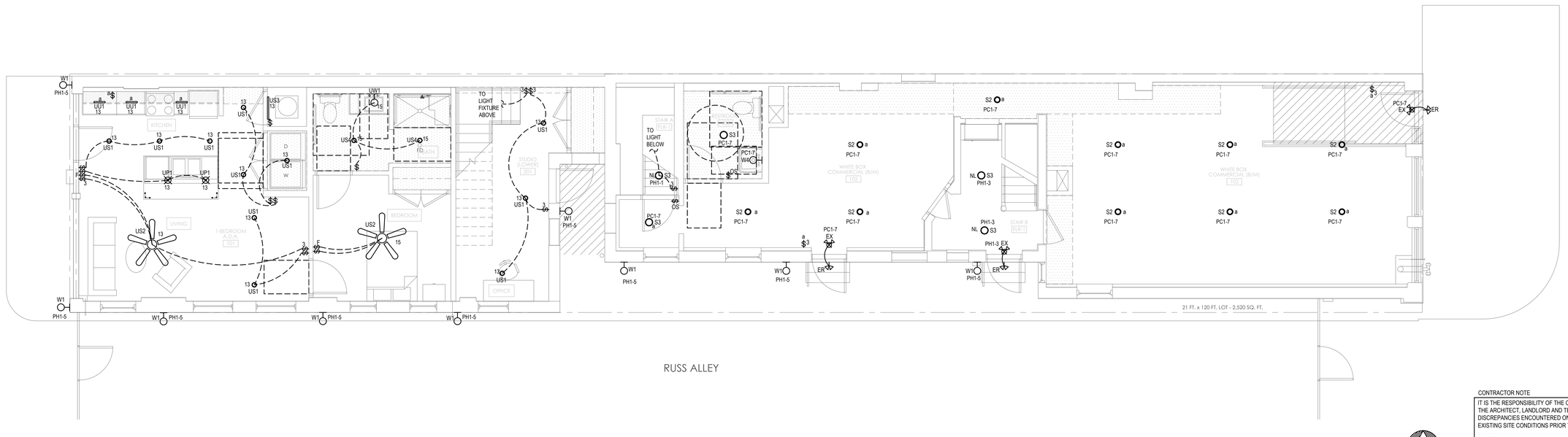
M. VERIFY THE COLOR OF ALL FIXTURES, DEVICES, AND COVER PLATES WITH OWNER.

N. ALL LIGHT FIXTURES INSTALLED IN CLOTHES CLOSETS SHALL CONFORM TO NEC ARTICLE 410.16.

O. FOR ALL OCCUPANCY SENSORS, PROVIDE SWITCHPACK AND ALL OTHER REQUIRED HARDWARE WHERE NECESSARY. COORDINATE ALL SETTINGS WITH OWNER PRIOR TO ROUGH-IN.

P. PROVIDE PHOTOCELL CONTROL FOR ALL EXTERIOR LIGHTING. COORDINATE ALL SETTINGS WITH OWNER.

Q. ALL CEILING FANS SHALL BE CENTERED IN SPACE / ROOM.



FIRST FLOOR LIGHTING PLAN | 1
1/4" = 1'-0" | E1.1

NORTH

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FIRST FLOOR LIGHTING PLAN

E1.1

(THESE GENERAL AND PLAN NOTES APPLY TO ALL ELECTRICAL TYPICAL UNIT PLANS - ALL PLAN NOTES MAY NOT APPLY TO EVERY SHEET)

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D. VERIFY EXACT LOCATIONS AND MOUNTING HEIGHTS FOR ALL FIXTURES AND DEVICES PRIOR TO ROUGH-IN.

E. COORDINATE THE COLOR OF ALL SWITCHES, RECEPTACLES, ETC. AND COVER PLATES WITH ARCHITECT, OWNER, COMMUNICATIONS CONTRACTOR, AND INTERIOR DESIGNER.

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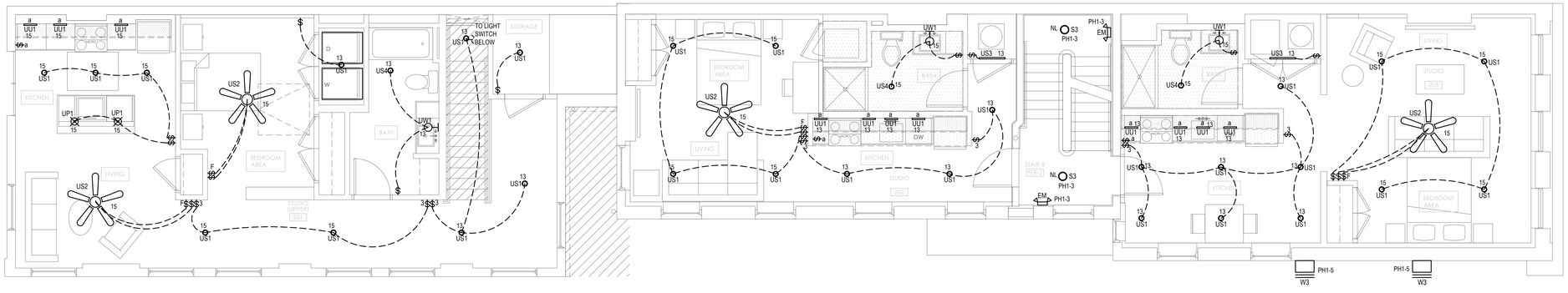

SECOND FLOOR LIGHTING PLAN | 1
1/4" = 1'-0" | E1.2

NORTH

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(1633 VINE STREET HPTC APPLICATION)

3CDC CINCINNATI CENTER CITY DEVELOPMENT CORPORATION

ISSUE LOG:
06.02.2023
ISSUE FOR PERMIT
09.21.2023
OHFA PRELIM. SUBMISSION

SECOND FLOOR LIGHTING PLAN

E1.2

(THESE GENERAL AND PLAN NOTES APPLY TO ALL ELECTRICAL TYPICAL UNIT PLANS - ALL PLAN NOTES MAY NOT APPLY TO EVERY SHEET)

GENERAL NOTES:

A. ALL WORK SHALL MEET OR EXCEED THE MOST CURRENT EDITION OF THE NATIONAL ELECTRICAL CODE, STATE CODE(S) AND LOCAL CODE(S).

B. WHEN CONFLICTS OCCUR BETWEEN THE PLANS AND OR SPECS WITH ANY LOCAL CODES, THE MOST STRINGENT REQUIREMENTS APPLY.

C. SEE MAIN ELECTRICAL GENERAL NOTES, SYMBOL LEGEND, LUMINAIRE SCHEDULE, LINETYPE LEGEND, AND ELECTRICAL NOTATIONS ON THE ELECTRICAL COVER SHEET FOR MORE INFORMATION.

D. VERIFY EXACT LOCATIONS AND MOUNTING HEIGHTS FOR ALL FIXTURES AND DEVICES PRIOR TO ROUGH-IN.

E. COORDINATE THE COLOR OF ALL SWITCHES, RECEPTACLES, ETC. AND COVER PLATES WITH ARCHITECT, OWNER, COMMUNICATIONS CONTRACTOR, AND INTERIOR DESIGNER.

F. COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO ROUGH-IN.

G. DEVICES INSTALLED IN FIRE SEPARATION WALLS / CEILINGS SHALL BE INSTALLED IN ACCORDANCE WITH THE LISTING AND LABELING OF THE RATED ASSEMBLY. DO NOT INSTALL OUTLET BOXES WITHIN THE SAME STUD SPACE.

H. ALL PRODUCTS USED FOR FIRE-STOP SYSTEMS SHALL BE RATED FOR COMMERCIAL CONSTRUCTION.

I. UNLESS NOTED OTHERWISE, SEE MOUNTING HEIGHT DETAILS FOR ALL DEVICES. SEE ADA MOUNTING DETAILS FOR THE APPROPRIATE UNITS.

J. PANEL DESIGNATIONS WERE LEFT OFF EACH CIRCUIT TAG. THE NUMBER SHOWN NEXT TO EACH DEVICE/FIXTURE REPRESENTS THE CIRCUIT NUMBER AS SHOWN IN THE PANEL SCHEDULE FOR THIS UNIT TYPE.

K. PROVIDE SURGE PROTECTION PER NEC 230.67.

L. ALL FIXTURES SHOWN WITH A "NL" TAG SHALL BE CONSIDERED A NIGHT LIGHT AND BE CONNECTED AHEAD OF ALL CONTROLS.

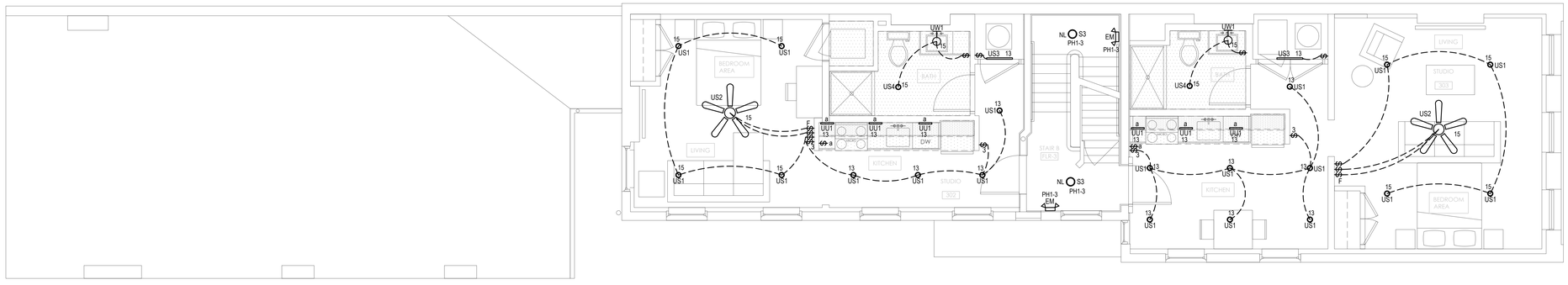
M. VERIFY THE COLOR OF ALL FIXTURES, DEVICES, AND COVER PLATES WITH OWNER.

N. ALL LIGHT FIXTURES INSTALLED IN CLOTHES CLOSETS SHALL CONFORM TO NEC ARTICLE 410.16.

O. FOR ALL OCCUPANCY SENSORS, PROVIDE SWITCHPACK AND ALL OTHER REQUIRED HARDWARE WHERE NECESSARY. COORDINATE ALL SETTINGS WITH OWNER PRIOR TO ROUGH-IN.

P. PROVIDE PHOTOCELL CONTROL FOR ALL EXTERIOR LIGHTING. COORDINATE ALL SETTINGS WITH OWNER.

Q. ALL CEILING FANS SHALL BE CENTERED IN SPACE / ROOM.



THIRD FLOOR LIGHTING PLAN | 1
1/4" = 1'-0" | E1.3

NORTH

CONTRACTOR NOTE

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ARCHITECT, LANDLORD AND TENANT OF ANY DISCREPANCIES ENCOUNTERED ON THE PLANS OR IN EXISTING SITE CONDITIONS PRIOR TO SUBMISSION OF BID.

BIDDERS ARE TO VISIT THE SITE AND FAMILIARIZE THEMSELVES WITH EXISTING CONDITIONS AND SATISFY THEMSELVES AS TO THE NATURE AND SCOPE OF THE WORK. THE BASE BID SHALL REFLECT MODIFICATIONS TO SYSTEMS AND DEVICES AS REQUIRED BY STATE, LOCAL AND FEDERAL CODES WHETHER INDICATED OR NOT ON CONTRACT DOCUMENTS. THE SUBMISSIONS OF A BID WILL BE EVIDENCE THAT SUCH AN EXAMINATION AND COMPLIANCE WITH GOVERNING CODES/REQUIREMENTS HAS BEEN MADE. LATER CLAIMS FOR LABOR, EQUIPMENT, OR MATERIALS REQUIRED, OR FOR DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORESEEN HAD AN EXAMINATION AND CODE/REQUIREMENTS REVIEW BEEN MADE, WILL NOT BE ALLOWED.

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3CDC CINCINNATI CENTER CITY DEVELOPMENT CORPORATION

ISSUE LOG:
06.02.2023
ISSUE FOR PERMIT
09.21.2023
OHFA PRELIM. SUBMISSION

THIRD FLOOR LIGHTING PLAN

E1.3

GENERAL NOTES:

A. ALL WORK SHALL MEET OR EXCEED ALL NEC STANDARDS.

B. SEE MAIN ELECTRICAL GENERAL NOTES FOR MORE INFORMATION.

C. COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO ROUGH-IN.

D. VERIFY EXACT LOCATIONS AND MOUNTING HEIGHTS FOR ALL FIXTURES AND DEVICES PRIOR TO ROUGH-IN.

E. ALL EXIT/EMERGENCY LIGHTING SHALL BE PROVIDED WITH AN UNSWITCHED CONDUCTOR ON THE INDICATED CIRCUIT.

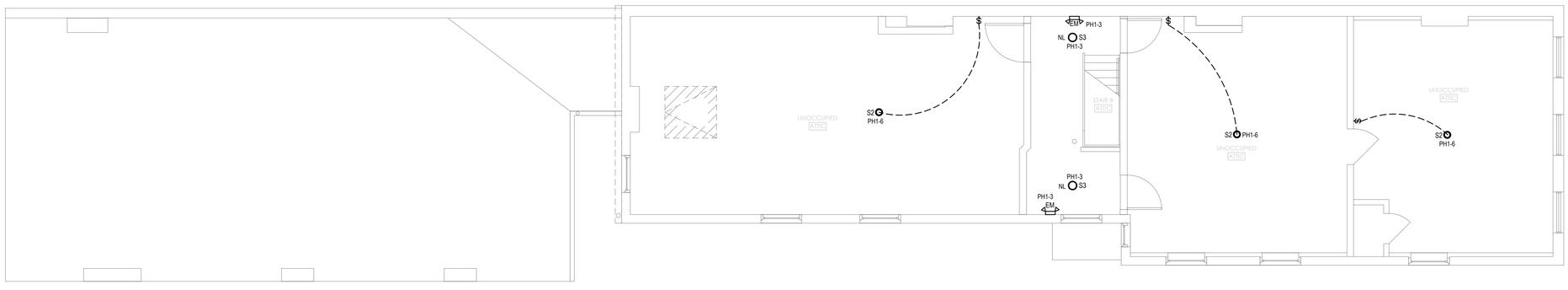
F. ALL FIXTURES SHOWN WITH A "NL" TAG SHALL BE CONSIDERED A NIGHT LIGHT AND BE CONNECTED AHEAD OF ALL CONTROLS.

G. VERIFY THE COLOR OF ALL FIXTURES, DEVICES, AND COVER PLATES WITH OWNER.

H. ALL LIGHT FIXTURES INSTALLED IN CLOTHES CLOSETS SHALL CONFORM TO NEC ARTICLE 410.16.

I. FOR ALL OCCUPANCY SENSORS, PROVIDE SWITCHPACK AND ALL OTHER REQUIRED HARDWARE WHERE NECESSARY. COORDINATE ALL SETTINGS WITH OWNER PRIOR TO ROUGH-IN.

J. PROVIDE PHOTOCELL CONTROL FOR ALL EXTERIOR LIGHTING. COORDINATE ALL SETTINGS WITH OWNER.



ATTIC LIGHTING PLAN | 1
1/4" = 1'-0" | E1.4

NORTH

CONTRACTOR NOTE

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3CDC CINCINNATI CENTER CITY DEVELOPMENT CORPORATION

ISSUE LOG:

06.02.2023
ISSUE FOR PERMIT

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ATTIC LIGHTING PLAN

E1.4

GENERAL NOTES:

A. ALL WORK SHALL MEET OR EXCEED ALL NEC STANDARDS.

B. SEE MAIN ELECTRICAL GENERAL NOTES FOR MORE INFORMATION.

C. COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO ROUGH-IN.

D. VERIFY EXACT LOCATIONS AND MOUNTING HEIGHTS FOR ALL FIXTURES AND DEVICES PRIOR TO ROUGH-IN.

E. VERIFY THE COLOR WHITE FOR ALL FIXTURES, DEVICES, AND COVER PLATES WITH OWNER.

F. ALL SMOKE DETECTORS ARE HARDWIRED.

F. RUN ALL OVERHEAD UTILITIES AS HIGH AS POSSIBLE AND OUT OF THE MAIN EGRESS PATHS. MINIMUM BASEMENT HEAD CLEARANCE OF 7'-0". REFER TO ARCHITECTURAL DRAWINGS FOR MORE INFORMATION.

PLAN NOTES:

1. PROVIDE ELECTRICAL CONNECTION AND ACCESSIBLE SAFETY SWITCH TO SERVE MECHANICAL EQUIPMENT. VERIFY EXACT REQUIREMENTS WITH MANUFACTURER'S NAMEPLATE AND COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.

2. PROVIDE 48"x96"x3/4" FIRE RATED PLYWOOD BACKBOARD FOR THE MOUNTING OF LOW-VOLTAGE EQUIPMENT. INCLUDE 12"x4"x1/4" COPPER GROUND BAR ON BACKBOARD. BOND GROUND BAR TO THE SERVICE GROUNDING ELECTRODE SYSTEM VIA #4 CU.

3. PROVIDE RECEPTACLE FOR COMMERCIAL DEHUMIDIFIER.

4. PROVIDE 120 VOLT DEDICATED CIRCUIT FOR SPRINKLER RISER TAMPER AND FLOW SWITCH. COORDINATE EXACT LOCATION WITH FIRE PROTECTION CONTRACTOR.

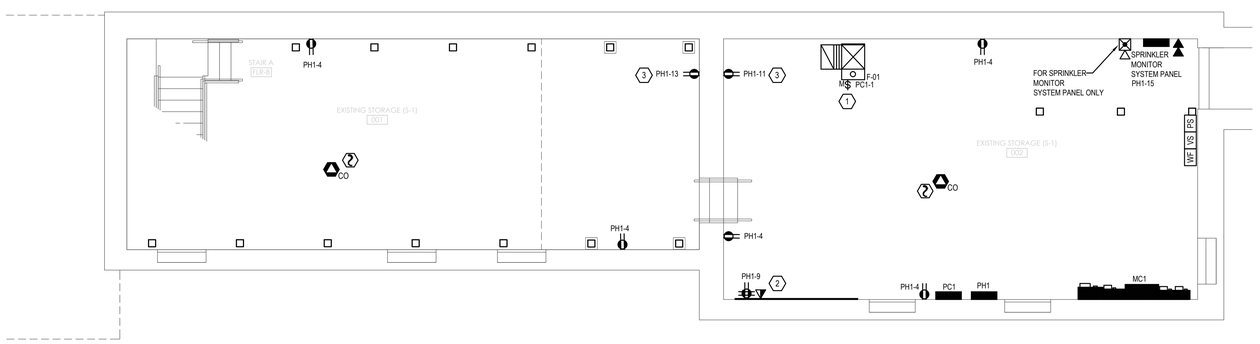
FIRE PROTECTION GENERAL NOTES:

A. ELECTRICAL CONTRACTOR SHALL EQUIP ALL DWELLING AND SLEEPING UNITS WITH THE CAPACITY TO SUPPORT VISUAL ALARM NOTIFICATION APPLIANCES IN ACCORDANCE WITH ALL APPLICABLE CODES. COORDINATE WITH ARCHITECT/OWNER PRIOR TO ALL ROUGH-INS.

B. CONTRACTOR SHALL INSTALL TAMPER SWITCHES ON ALL VALVES BETWEEN RISER AND CITY MAIN. TIE TAMPER SWITCHES TO SPRINKLER MONITORING PANEL. REFERENCE CIVIL FOR EXACT LOCATIONS OF ALL VALVES LOCATED 5' OR MORE OUTSIDE THE BUILDING.

** NOTE **

THE FIRE PROTECTON SYSTEM FOR THIS PROJECT SHALL BE BASED ON DESIGN DOCUMENTS PREPARED BY AN APPROVED FIRE PROTECTION SYSTEM MANUFACTURER / VENDOR. A COMPLETE ADDRESSABLE FIRE PROTECTION SYSTEM SHALL BE PROVIDED FOR THE ENTIRE FACILITY, WITH ALL COSTS FOR A COMPLETE FUNCTIONING CODE COMPLIANT SYSTEM IN ELECTRICAL CONTRACTOR'S PRICE. THIS INCLUDES, BUT IS NOT LIMITED TO, ENGINEER SEALED FIRE PROTECTION DRAWINGS AND SUBMITTAL DOCUMENTS, SPRINKLER MONITORING PANEL, FIRE ALARM AUXILIARY POWER SUPPLIES, REMOTE ANNUNCIATOR(S), INITIATION DEVICES, NOTIFICATION DEVICES, AUXILIARY DEVICES TO CONNECT TO OTHER SYSTEMS INCLUDING, BUT NOT LIMITED TO, FIRE PROTECTION SYSTEM, SPRINKLER DEVICES, ELEVATORS, FIRE PUMP, DOOR ACCESS SYSTEM DEVICES, CHEMICAL AGENT FIRE SUPPRESSION SYSTEMS, MAGNETIC LOCKS, FIRE AND SMOKE DAMPERS, POST INDICATOR VALVES, ETC., INSTALLATION, PROGRAMMING AND TESTING.



BASEMENT POWER PLAN | 1
1/4" = 1'-0" | E2.0

NORTH

CONTRACTOR NOTE

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1630 REPUBLIC STREET (APPLICATION)

3CDC CINCINNATI CENTER CITY DEVELOPMENT CORPORATION

ISSUE LOG:

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BASEMENT POWER PLAN

E2.0

FIRE PROTECTION GENERAL NOTES:

A. ELECTRICAL CONTRACTOR SHALL EQUIP ALL DWELLING AND SLEEPING UNITS WITH THE CAPACITY TO SUPPORT VISUAL ALARM NOTIFICATION APPLIANCES IN ACCORDANCE WITH ALL APPLICABLE CODES. COORDINATE WITH ARCHITECT/OWNER PRIOR TO ALL ROUGH-INS.

B. CONTRACTOR SHALL INSTALL TAMPER SWITCHES ON ALL VALVES BETWEEN RISER AND CITY MAIN. TIE TAMPER SWITCHES TO SPRINKLER MONITORING PANEL. REFERENCE CIVIL FOR EXACT LOCATIONS OF ALL VALVES LOCATED 5' OR MORE OUTSIDE THE BUILDING.

** NOTE **

THE FIRE PROTECTON SYSTEM FOR THIS PROJECT SHALL BE BASED ON DESIGN DOCUMENTS PREPARED BY AN APPROVED FIRE PROTECTION SYSTEM MANUFACTURER / VENDOR. A COMPLETE ADDRESSABLE FIRE PROTECTION SYSTEM SHALL BE PROVIDED FOR THE ENTIRE FACILITY, WITH ALL COSTS FOR A COMPLETE FUNCTIONING CODE COMPLIANT SYSTEM IN ELECTRICAL CONTRACTOR'S PRICE. THIS INCLUDES, BUT IS NOT LIMITED TO, ENGINEER SEALED FIRE PROTECTION DRAWINGS AND SUBMITTAL DOCUMENTS, SPRINKLER MONITORING PANEL, FIRE ALARM AUXILIARY POWER SUPPLIES, REMOTE ANNUNCIATOR(S), INITIATION DEVICES, NOTIFICATION DEVICES, AUXILIARY DEVICES TO CONNECT TO OTHER SYSTEMS INCLUDING, BUT NOT LIMITED TO, FIRE PROTECTION SYSTEM, SPRINKLER DEVICES, ELEVATORS, FIRE PUMP, DOOR ACCESS SYSTEM DEVICES, CHEMICAL AGENT FIRE SUPPRESSION SYSTEMS, MAGNETIC LOCKS, FIRE AND SMOKE DAMPERS, POST INDICATOR VALVES, ETC., INSTALLATION, PROGRAMMING AND TESTING.

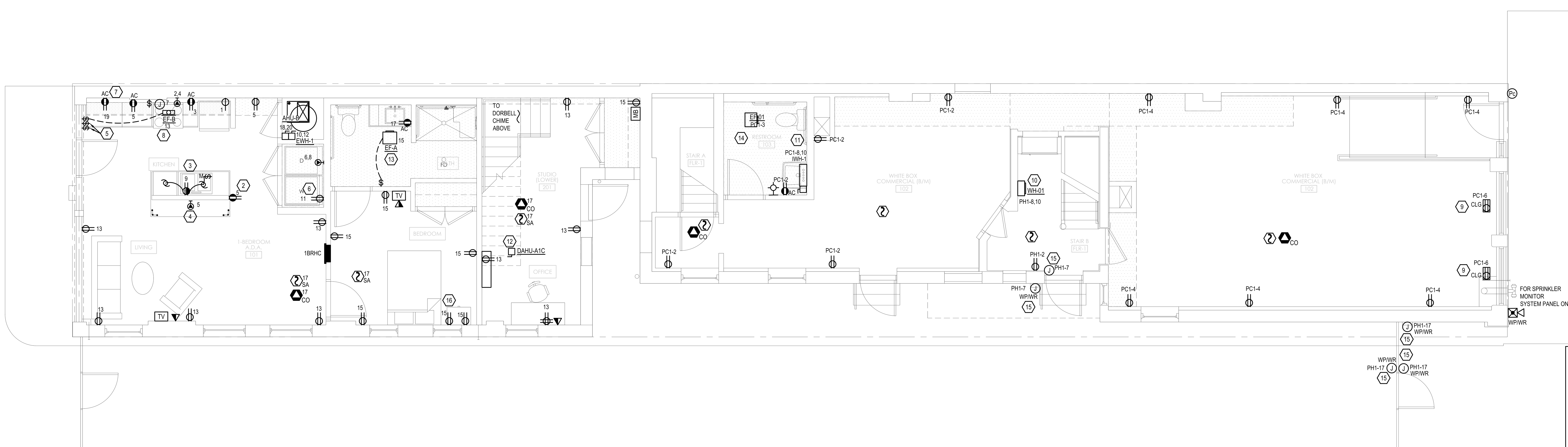
PLAN NOTES:

1. PROVIDE CONNECTION FOR COMBINATION MICROWAVE / RANGE HOOD. VERIFY EXACT REQUIREMENTS WITH MANUFACTURERS NAMEPLATE. COORDINATE EXACT LOCATION WITH ARCHITECTURAL PLANS PRIOR TO ROUGH-IN.
2. PROVIDE A DUPLEX RECEPTACLE LOCATED ON THE KITCHEN ISLAND / PENINSULA. RECEPTACLE SHALL BE LOCATED WITHIN 12" OF THE TOP EDGE OF THE COUNTERTOP AND SHALL NOT BE LOCATED WHERE THE COUNTERTOP EXTENDS MORE THAN 6" BEYOND ITS SUPPORT BASE.
3. PROVIDE DUPLEX RECEPTACLE LOCATED BELOW KITCHEN SINK FOR CONNECTION OF GARBAGE DISPOSAL AND DISHWASHER. ELECTRICAL CONTRACTOR SHALL PROVIDE A CORD KIT FOR BOTH PIECES OF EQUIPMENT AS REQUIRED. THE TOP HALF OF THIS RECEPTACLE SHALL BE CONTROLLED BY A WALL SWITCH LOCATED ADJACENT TO THE KITCHEN SINK FOR OPERATION OF THE GARBAGE DISPOSAL. LABEL COVER PLATE SO THAT THE TOP HALF OF THE RECEPTACLE IS LABELED FOR GARBAGE DISPOSAL CONNECTION AND THE BOTTOM HALF OF THE RECEPTACLE IS LABELED FOR DISHWASHER CONNECTION. PROVIDE AFCI / GFCI DUAL FUNCTION TYPE CIRCUIT BREAKER FOR THIS CIRCUIT.
4. PROVIDE POWER OUTLET WITH DUAL USB AT THIS LOCATION. CONNECT TO THE LOAD SIDE OF NEAREST GFCI RECEPTACLE.
5. PROVIDE SWITCHES FOR HOOD LIGHT AND FAN AT ACCESSIBLE LOCATION WITH ALL ADA APARTMENTS. VERIFY ADA APARTMENTS WITH ARCHITECT.
6. PROVIDE AFCI / GFCI DUAL FUNCTION TYPE CIRCUIT BREAKER FOR THE CLOTHES WASHER CIRCUIT.
7. PROVIDE DEDICATED RECEPTACLE FOR COUNTER TOP MICROWAVE. VERIFY EXACT REQUIREMENTS WITH MANUFACTURERS NAMEPLATE. COORDINATE EXACT LOCATION WITH ARCHITECTURAL PLANS PRIOR TO ROUGH-IN.
8. PROVIDE CONNECTION FOR RANGE HOOD. VERIFY EXACT REQUIREMENTS WITH MANUFACTURERS NAMEPLATE. COORDINATE EXACT LOCATION WITH ARCHITECTURAL PLANS PRIOR TO ROUGH-IN.
9. PROVIDE DUPLEX RECEPTACLE LOCATED WITHIN 18" OF TOP OF WINDOW FOR SHOW WINDOW SIGNAGE.
10. PROVIDE ELECTRICAL CONNECTION TO SERVE MECHANICAL EQUIPMENT. VERIFY EXACT REQUIREMENTS WITH MANUFACTURER'S NAMEPLATE AND COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
11. PROVIDE ELECTRICAL CONNECTION AND ACCESSIBLE SAFETY SWITCH TO SERVE PLUMBING EQUIPMENT. VERIFY EXACT REQUIREMENTS WITH MANUFACTURER'S NAMEPLATE AND COORDINATE EXACT LOCATION WITH PLUMBING CONTRACTOR PRIOR TO ROUGH-IN.
12. PROVIDE INTERCONNECTION BETWEEN INDOOR AND OUTDOOR HVAC EQUIPMENT. VERIFY LOCATION AND ALL REQUIREMENTS OF EQUIPMENT PRIOR TO ROUGH-IN.
13. PROVIDE ELECTRICAL CONNECTION TO SERVE EXHAUST FAN / LIGHT. VERIFY EXACT REQUIREMENTS WITH MANUFACTURER'S NAMEPLATE AND COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
14. PROVIDE ELECTRICAL CONNECTION TO SERVE EXHAUST FAN. VERIFY EXACT REQUIREMENTS WITH MANUFACTURER'S NAMEPLATE AND COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN. CONNECT WITH LIGHTING FOR CIRCUITRY AND CONTROLS.
15. PROVIDE J-BOX FOR CONNECTION TO DOOR MAGNETIC LOCK/ELECTRIC STRIKE. EXTEND LOW VOLTAGE WIRING TO KEYPADS AND INTERCOMS.
16. BEDROOMS TO INCLUDE ADDITIONAL CONVENIENCE RECEPTACLE AT BED-SIDE FOR OCCUPANT USE (DEVICE CHARGING, ETC).

(THESE GENERAL AND PLAN NOTES APPLY TO ALL ELECTRICAL TYPICAL UNIT PLANS - ALL PLAN NOTES MAY NOT APPLY TO EVERY SHEET)

GENERAL NOTES:

A. ALL WORK SHALL MEET OR EXCEED THE MOST CURRENT EDITION OF THE NATIONAL ELECTRICAL CODE, STATE CODE(S) AND LOCAL CODE(S).
B. WHEN CONFLICTS OCCUR BETWEEN THE PLANS AND OR SPECS WITH ANY LOCAL CODES, THE MOST STRINGENT REQUIREMENTS APPLY.
C. SEE MAIN ELECTRICAL GENERAL NOTES, SYMBOL LEGEND, LUMINAIRE SCHEDULE, LINETYPE LEGEND, AND ELECTRICAL NOTATIONS ON THE ELECTRICAL COVER SHEET FOR MORE INFORMATION.
D. VERIFY EXACT LOCATIONS AND MOUNTING HEIGHTS FOR ALL FIXTURES AND DEVICES PRIOR TO ROUGH-IN.
E. COORDINATE THE COLOR OF ALL SWITCHES, RECEPTACLES, ETC. AND COVER PLATES WITH ARCHITECT, OWNER, COMMUNICATIONS CONTRACTOR, AND INTERIOR DESIGNER.
F. COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO ROUGH-IN.
G. NO RECEPTACLES SHALL BE MOUNTED BACK TO BACK.
H. ALL RECEPTACLES SERVING COUNTERTOP AREAS IN THE KITCHEN AND ALL RECEPTACLES IN THE BATHROOM(S) SHALL BE GFCI TYPE.
I. ALL RECEPTACLES LOCATED OUTSIDE SHALL BE GFCI TYPE AND SHALL HAVE WEATHERPROOF WHILE-IN-USE COVERS.
J. IN ALL AREAS SPECIFIED IN NEC 210.52, ALL 15 AND 20 AMP, 120 VOLT RECEPTACLES SHALL BE LISTED TAMPER-RESISTANT RECEPTACLES.
K. PROVIDE ARC FAULT CIRCUIT BREAKERS PER NEC 210.12.
L. PROVIDE SAFETY SWITCHES FOR ALL HVAC AND PLUMBING EQUIPMENT IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE. VERIFY EXACT REQUIREMENTS WITH MANUFACTURERS NAMEPLATE. COORDINATE EXACT LOCATION WITH MECHANICAL AND PLUMBING CONTRACTOR PRIOR TO ROUGH-IN.
M. DEVICES INSTALLED IN FIRE SEPARATION WALLS / CEILINGS SHALL BE INSTALLED IN ACCORDANCE WITH THE LISTING AND LABELING OF THE RATED ASSEMBLY. DO NOT INSTALL OUTLET BOXES WITHIN THE SAME STUD SPACE.
N. LIGHT FIXTURES INSTALLED IN CLOSETS SHALL CONFORM TO NEC ARTICLE 410.16.
O. ALL PRODUCTS USED FOR FIRE-STOP SYSTEMS SHALL BE RATED FOR COMMERCIAL CONSTRUCTION.
P. UNLESS NOTED OTHERWISE, SEE MOUNTING HEIGHT DETAILS FOR ALL DEVICES. SEE ADA MOUNTING DETAILS FOR THE APPROPRIATE UNITS.
Q. PROVIDE CATV/TELEPHONE/DATA BACK BOX, ROUGH-IN ONLY, UNLESS NOTED OTHERWISE.
R. SMOKE ALARMS SHALL BE CONNECTED TOGETHER SO THAT WHEN ONE SMOKE ALARM WITHIN A RESIDENCE SOUNDS, ALL SMOKE ALARMS WITHIN THAT RESIDENCE SOUND.
S. LOCATE CEILING MOUNTED SMOKE ALARMS PER THE LATEST NFPA 72 GUIDELINES AND THE MANUFACTURERS' PUBLISHED RECOMMENDATIONS FOR THE SPECIFIC TYPE OF DETECTOR.
T. ALL SMOKE DETECTORS ARE TO BE LOCATED MORE THEN 36" FROM A CEILING FAN.
U. EQUIP ALL NECESSARY DWELLING AND SLEEPING UNITS WITH THE CAPACITY TO SUPPORT VISUAL ALARM NOTIFICATION APPLIANCES IN ACCORDANCE WITH ALL APPLICABLE CODES. COORDINATE WITH ARCHITECT/OWNER PRIOR TO ALL ROUGH-INS.
V. PANEL DESIGNATIONS WERE LEFT OFF EACH CIRCUIT TAG. THE NUMBER SHOWN NEXT TO EACH DEVICE/FIXTURE REPRESENTS THE CIRCUIT NUMBER AS SHOWN IN THE PANEL SCHEDULE FOR THIS UNIT TYPE.
W. VERIFY EXACT LOCATIONS OF EXHAUST FANS WITH MECHANICAL DRAWING.
X. ALL LOADCENTERS SHALL BE MOUNTED SO THAT ALL CIRCUIT BREAKERS ARE WITHIN THE REACH RANGES FOR AN UNOBSTRUCTED FORWARD OR SIDE REACH. SEE ACCESSIBILITY DETAILS FOR REACH RANGES.
Y. PROVIDE HORNS IN ALL SLEEPING AREAS WITH A FUNDAMENTAL FREQUENCY OF 520Hz.
Z. PROVIDE CARBON MONOXIDE ALARM WITHIN 15' OF EACH BEDROOM.
AA. RECEPTACLE FOR ELECTRIC RANGE MUST BE PROVIDED WITH A GROUNDED CONDUCTOR AND AN EQUIPMENT GROUNDING CONDUCTOR PER THE NATIONAL ELECTRICAL CODE. COORDINATE MOUNTING HEIGHT PRIOR TO ROUGH-IN.
AB. RECEPTACLE FOR DRYER UNIT MUST BE PROVIDED WITH A GROUNDED CONDUCTOR AND AN EQUIPMENT GROUNDING CONDUCTOR PER THE NATIONAL ELECTRICAL CODE. COORDINATE MOUNTING HEIGHT PRIOR TO ROUGH-IN.
AC. ALL 125V THROUGH 250V RECEPTACLES INSTALLED IN LOCATIONS SPECIFIED PER NEC 210.8(A)(1) THROUGH 210.8(A)(11) SHALL HAVE GROUND FAULT PROTECTION FOR PERSONNEL.
AD. PROVIDE SURGE PROTECTION PER NEC 230.67.



FIRST FLOOR POWER PLAN | 1

1/4" = 1'-0" | E2.1

NORTH

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CINCINNATI, OH 45202

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06.02.2023
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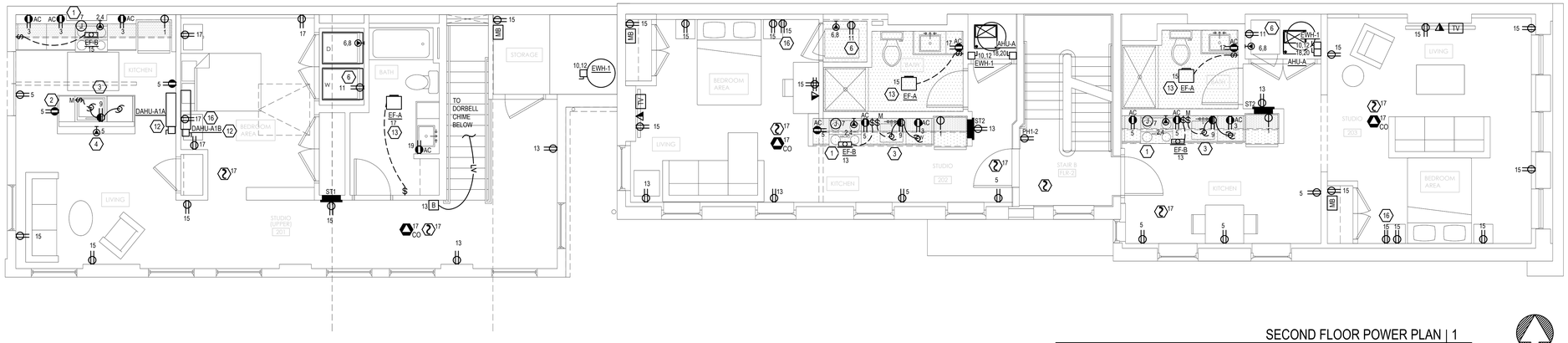
FIRST FLOOR POWER PLAN

E2.1

** NOTE **
SEE GENERAL NOTES AND PLAN NOTES ON SHEET OF E2.1 DRAWINGS.



SECOND FLOOR POWER PLAN | 1
1/4" = 1'-0" | E2.2

NORTH

CONTRACTOR NOTE

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ARCHITECT, LANDLORD AND TENANT OF ANY DISCREPANCIES ENCOUNTERED ON THE PLANS OR IN EXISTING SITE CONDITIONS PRIOR TO SUBMISSION OF BID.

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SECOND FLOOR POWER PLAN

E2.2

** NOTE **
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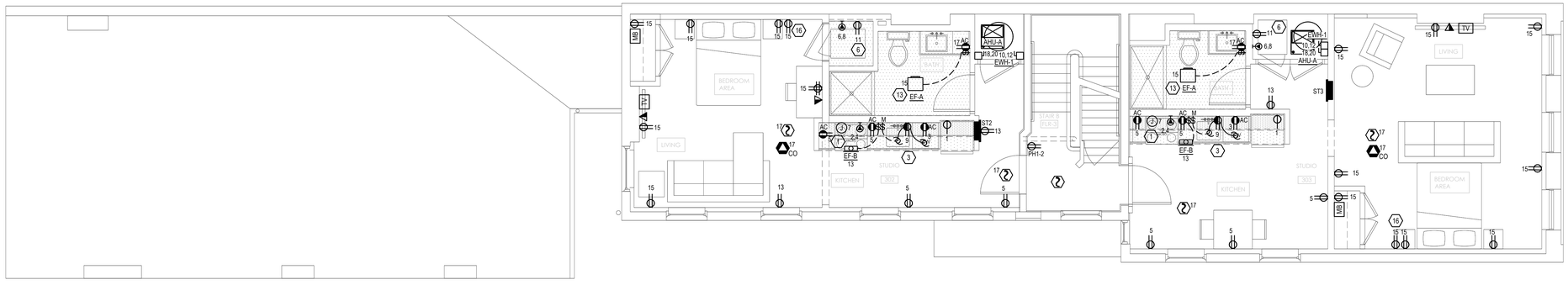

THIRD FLOOR POWER PLAN | 1
1/4" = 1'-0" | E2.3

NORTH

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THIRD FLOOR POWER PLAN

E2.3

GENERAL NOTES:

A. ALL WORK SHALL MEET OR EXCEED ALL NEC STANDARDS.

B. SEE MAIN ELECTRICAL GENERAL NOTES FOR MORE INFORMATION.

C. COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO ROUGH-IN.

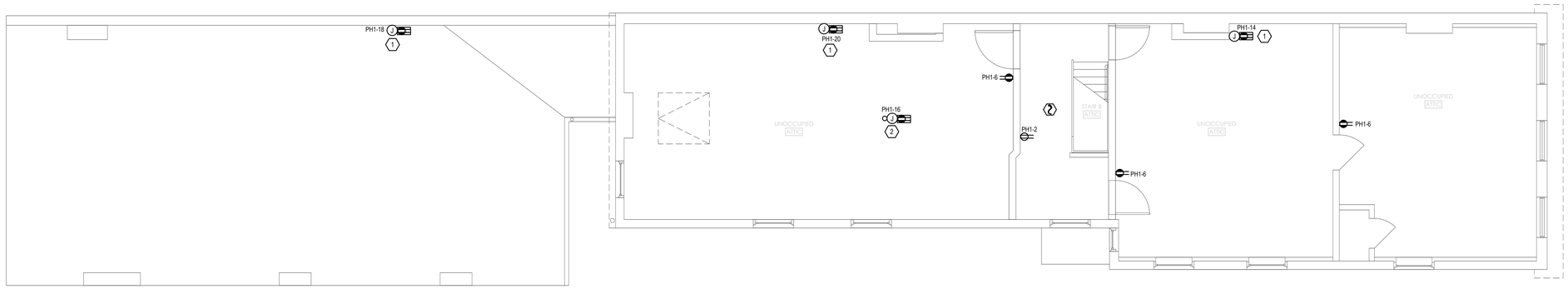
D. VERIFY EXACT LOCATIONS AND MOUNTING HEIGHTS FOR ALL FIXTURES AND DEVICES PRIOR TO ROUGH-IN.

E. VERIFY THE COLOR OF ALL FIXTURES, DEVICES, AND COVER PLATES WITH OWNER.

PLAN NOTES:

1. PROVIDE A JUNCTION BOX / RECEPTACLE WITHIN 6'-0" OF EACH RADON VERTICAL RISER PIPE IN ATTIC. COORDINATE EXACT LOCATION AND QUANTITIES WITH RADON SUBCONTRACTOR PRIOR TO ROUGH-IN.

2. PROVIDE 120 VOLT HEAT TRACE. COORDINATE EXACT LOCATION AND MANUFACTURE REQUIREMENTS WITH PLUMBING CONTRACTOR PRIOR TO INSTALLATION.



ATTIC POWER PLAN | 1
1/4" = 1'-0" | E2.4

NORTH

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ATTIC POWER PLAN

E2.4

GENERAL NOTES:

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B. SEE MAIN ELECTRICAL GENERAL NOTES FOR MORE INFORMATION.

C. COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO ROUGH-IN.

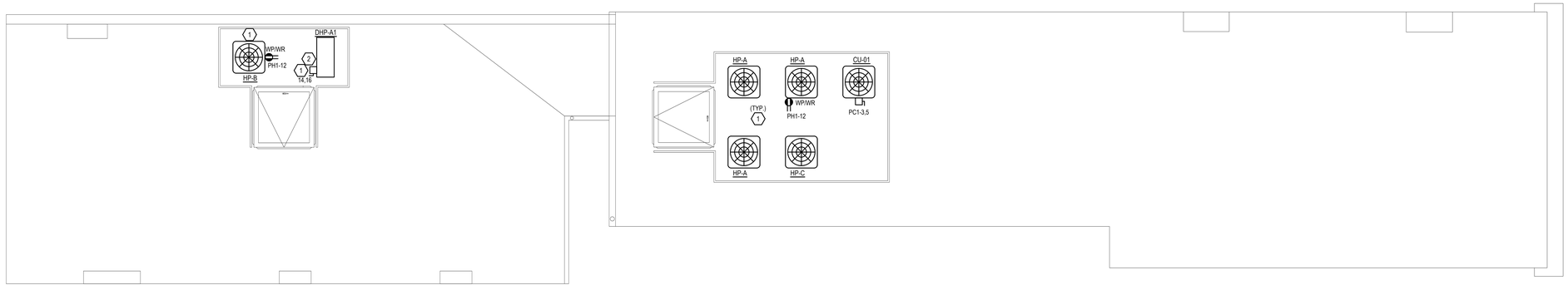
D. VERIFY EXACT LOCATIONS AND MOUNTING HEIGHTS FOR ALL FIXTURES AND DEVICES PRIOR TO ROUGH-IN.

E. VERIFY THE COLOR OF ALL FIXTURES, DEVICES, AND COVER PLATES WITH OWNER.

PLAN NOTES:

1. PROVIDE ELECTRICAL CONNECTION AND ACCESSIBLE SAFETY SWITCH TO SERVE MECHANICAL EQUIPMENT. VERIFY EXACT REQUIREMENTS WITH MANUFACTURER'S NAMEPLATE AND COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.

2. PROVIDE INTERCONNECTION BETWEEN INDOOR AND OUTDOOR HVAC EQUIPMENT. VERIFY LOCATION AND ALL REQUIREMENTS OF EQUIPMENT PRIOR TO ROUGH-IN.



ROOF POWER PLAN | 1
1/4" = 1'-0" | E2.5

NORTH

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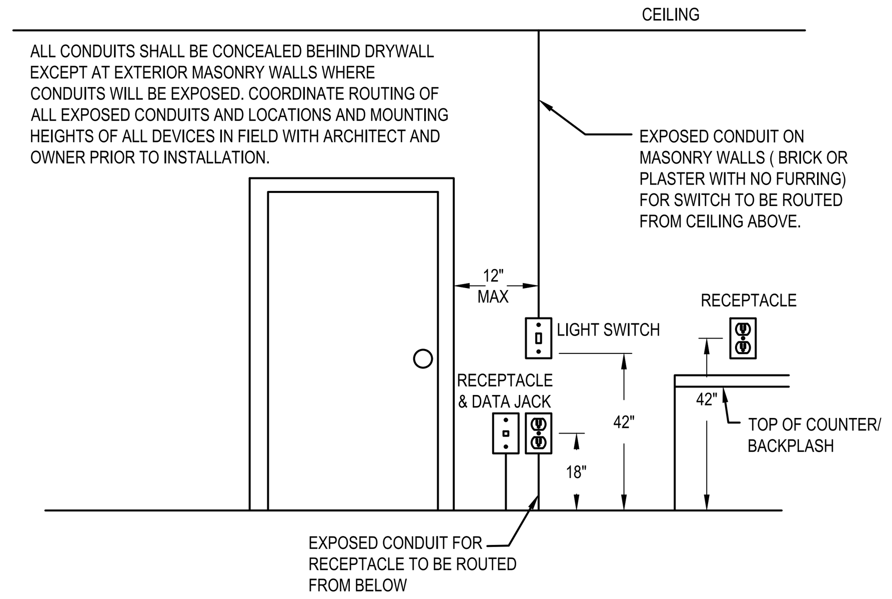
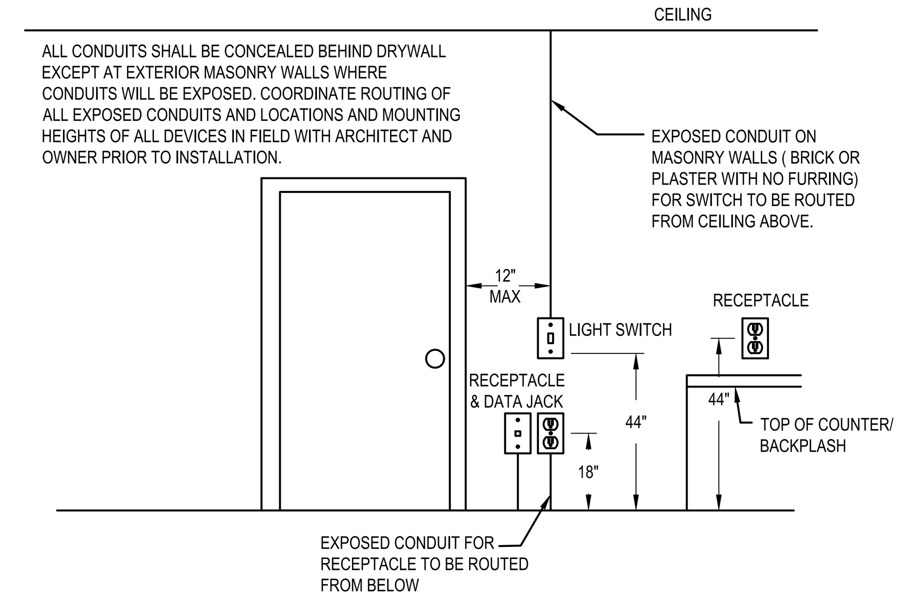
ROOF POWER PLAN

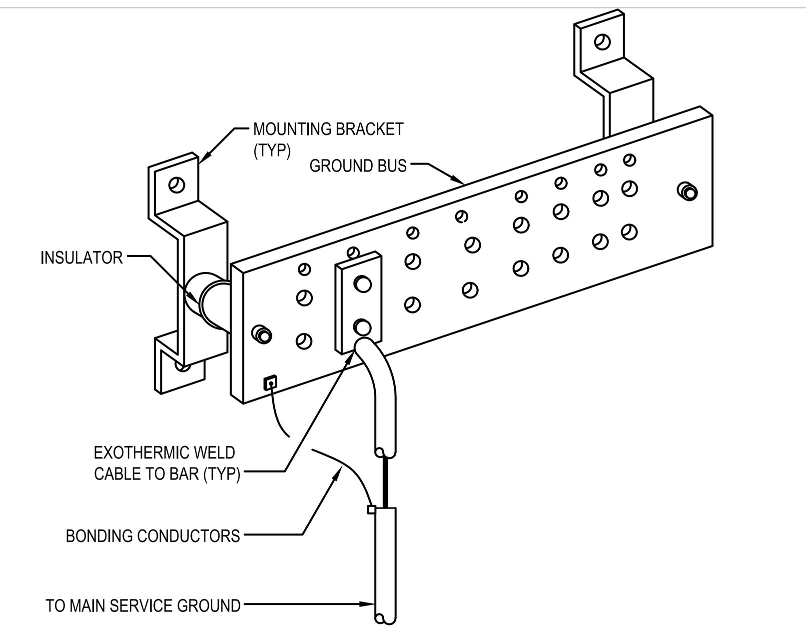
E2.5



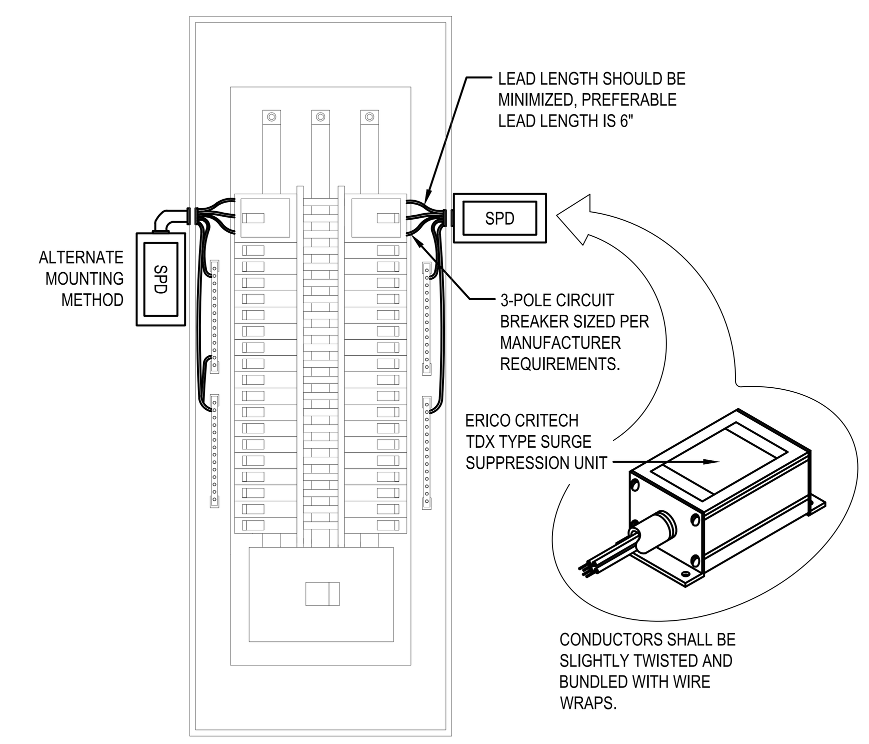
ADA MASONARY MOUNTING HEIGHTS - ELEVATION | 14
N.T.S. | E5.1



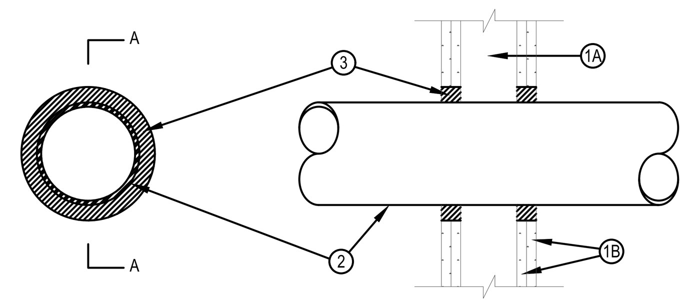
STANDARD MASONARY MOUNTING HEIGHTS - ELEVATION | 13
N.T.S. | E5.1



MDF & IDF COMMUNICATIONS GROUND BUS DETAIL | 12
NTS | E5.1



SPD INSTALLATION DETAIL | 11
NTS | E5.1



SECTION A-A

1. WALL ASSEMBLY -- THE 1 OR 2 HR FIRE-RATED GYPSUM WALLBOARD/STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER SPECIFIED IN THE INDIVIDUAL U300 OR U400 SERIES WALL AND PARTITION DESIGNS IN THE UL FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES:

A. STUDS -- WALL FRAMING MAY CONSIST OF EITHER WOOD STUDS OR STEEL CHANNEL STUDS. WOOD STUDS TO CONSIST OF NOM 2 BY 4 IN. LUMBER SPACED 16 IN. OC. STEEL STUDS TO BE MIN 2-1/2 IN. WIDE AND SPACED MAX 24 IN. OC. WHEN STEEL STUDS ARE USED AND THE DIAM OF OPENING EXCEEDS THE WIDTH OF STUD CAVITY, THE OPENING SHALL BE FRAMED ON ALL SIDES USING LENGTHS OF STEEL STUD INSTALLED BETWEEN THE VERTICAL STUDS AND SCREW-ATTACHED TO THE STEEL STUDS AT EACH END. THE FRAMED OPENING IN THE WALL SHALL BE 4 TO 6 IN. WIDER AND 4 TO 6 IN. HIGHER THAN THE DIAM OF THE PENETRATING ITEM SUCH THAT, WHEN THE PENETRATING ITEM IS INSTALLED IN THE OPENING, A 2 TO 3 IN. CLEARANCE IS PRESENT BETWEEN THE PENETRATING ITEM AND THE FRAMING ON ALL FOUR SIDES.

B. GYPSUM BOARD* -- 5/8 IN. THICK, 4 FT WIDE WITH SQUARE OR TAPERED EDGES. THE GYPSUM BOARD TYPE, THICKNESS, NUMBER OF LAYERS, FASTENER TYPE AND SHEET ORIENTATION SHALL BE AS SPECIFIED IN THE INDIVIDUAL U300 OR U400 SERIES DESIGN IN THE UL FIRE RESISTANCE DIRECTORY. MAX DIAM OF OPENING IS 32-1/4 IN. FOR STEEL STUD WALLS. MAX DIAM OF OPENING IS 14-1/2 IN. FOR WOOD STUD WALLS. THE F RATING OF THE FIRESTOP SYSTEM IS EQUAL TO THE FIRE RATING OF THE WALL ASSEMBLY.

2. THROUGH-PENETRANTS -- ONE METALLIC PIPE, CONDUIT OR TUBING TO BE INSTALLED EITHER CONCENTRICALLY OR ECCENTRICALLY WITHIN THE FIRESTOP SYSTEM. THE ANNULAR SPACE SHALL BE MIN 0 IN. TO MAX 2-1/4 IN. PIPE MAY BE INSTALLED WITH CONTINUOUS POINT CONTACT. PIPE, CONDUIT OR TUBING MAY BE INSTALLED AT AN ANGLE NOT GREATER THAN 45 DEGREES FROM PERPENDICULAR. PIPE, CONDUIT OR TUBING TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF WALL ASSEMBLY. THE FOLLOWING TYPES AND SIZES OF METALLIC PIPES, CONDUITS OR TUBING MAY BE USED:

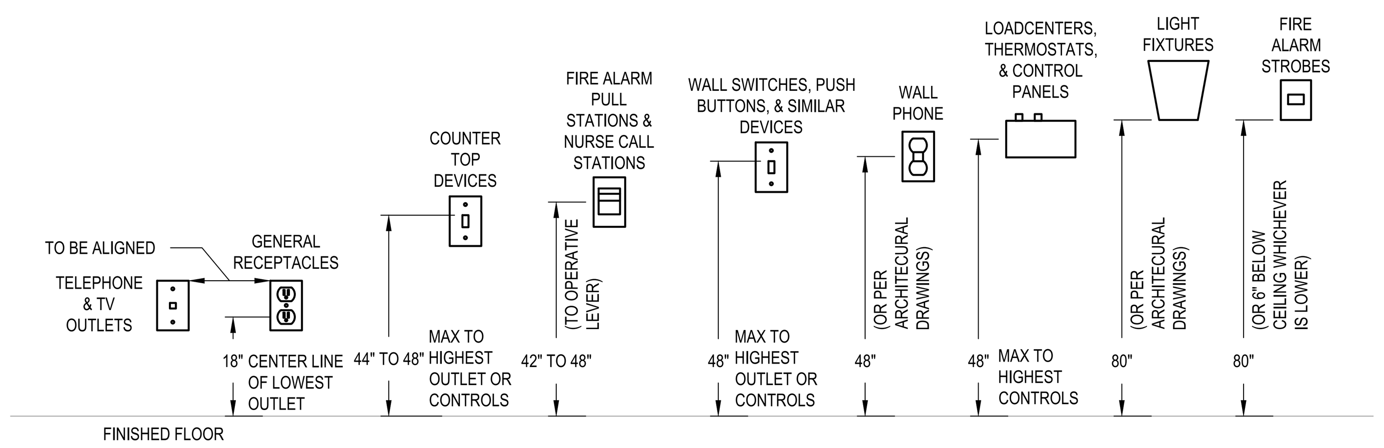
A. STEEL PIPE -- NOM 30 IN DIAM (OR SMALLER) SCHEDULE 10 (OR HEAVIER) STEEL PIPE.
B. IRON PIPE -- NOM 30 IN. DIAM (OR SMALLER) CAST OR DUCTILE IRON PIPE.
C. CONDUIT -- NOM 4 IN DIAM (OR SMALLER) STEEL ELECTRICAL METALLIC TUBING OR 6 IN. DIAM STEEL CONDUIT.
D. COPPER TUBING -- NOM 6 IN. DIAM (OR SMALLER) TYPE L (OR HEAVIER) COPPER TUBING.
E. COPPER PIPE -- NOM 6 IN. DIAM (OR SMALLER) REGULAR (OR HEAVIER) COPPER PIPE.

3. FILL, VOID OR CAVITY MATERIAL* -- SEALANT -- MIN 5/8 IN. THICKNESS OF FILL MATERIAL APPLIED WITHIN THE ANNULUS, FLUSH WITH BOTH SURFACES OF WALL. AT THE POINT OR CONTINUOUS CONTACT LOCATIONS BETWEEN PIPE AND WALL, A MIN 1/2 IN. DIAM BEAD OF FILL MATERIAL SHALL BE APPLIED AT THE PIPE WALL INTERFACE ON BOTH SURFACES OF WALL.

HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC -- FS-ONE SEALANT

*BEARING THE UL CLASSIFICATION MARK

FIRE RATED WALL PENETRATION DETAIL | 10
NTS | E5.1



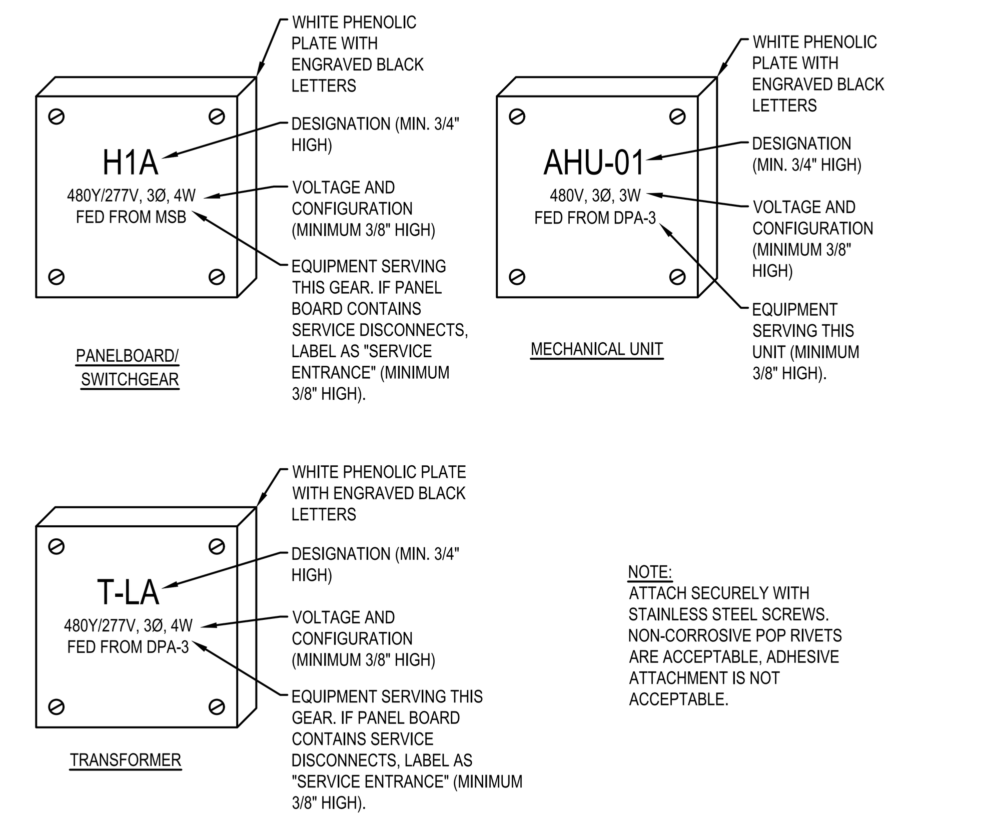
OTHER DEVICES (TO CENTER)	AFF (UNO)
REFRIGERATOR	VERIFY
WASHER AND DRYER	VERIFY
MICROWAVE / RANGE HOOD	78"
RANGE	12"
DISHWASHER	12"
DISPOSER	12"

EXCEPTION:

THESE REQUIREMENTS DO NOT APPLY WHERE THE USE OF SPECIAL EQUIPMENT DICTATES OTHERWISE OR WHERE ELECTRICAL AND COMMUNICATIONS SYSTEMS RECEPTACLES ARE NOT NORMALLY INTENDED FOR USE BY BUILDING OCCUPANTS.

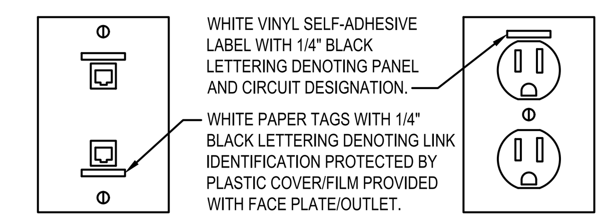
FOR CONTROLS OR OUTLETS REQUIRED TO BE ACCESSIBLE, REFER TO ACCESSIBLE MOUNTING DETAILS.

DEVICE MOUNTING DETAIL - GENERAL | 9
NTS | E5.1

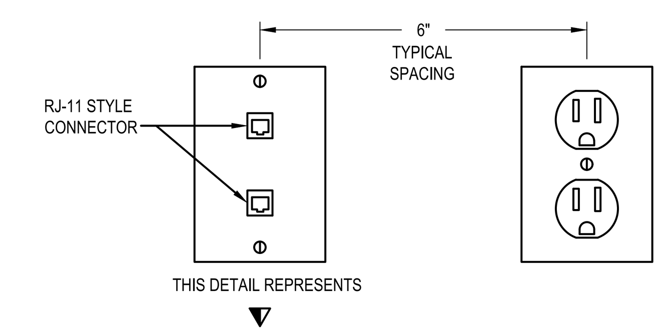


NOTE:
ATTACH SECURELY WITH STAINLESS STEEL SCREWS. NON-CORROSIVE POP RIVETS ARE ACCEPTABLE, ADHESIVE ATTACHMENT IS NOT ACCEPTABLE.

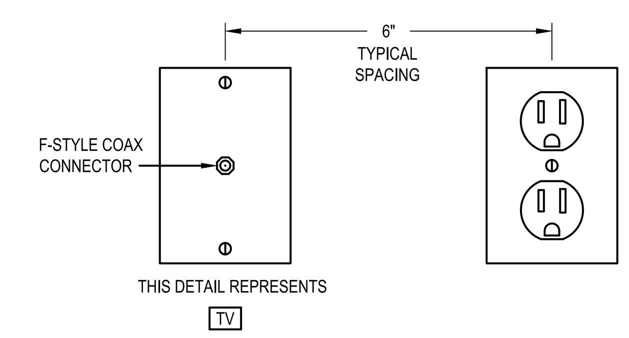
EQUIPMENT IDENTIFICATION DETAIL | 8
NTS | E5.1



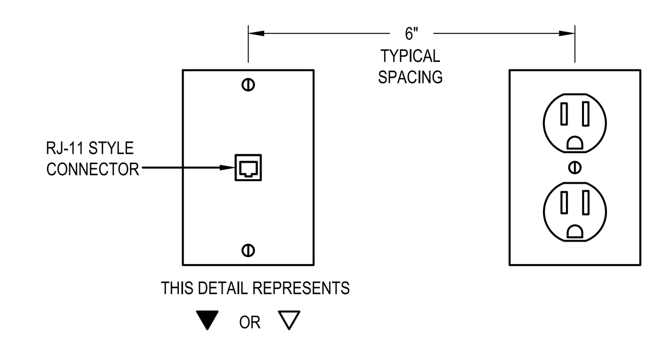
DEVICE IDENTIFICATION DETAIL | 7
NTS | E5.1



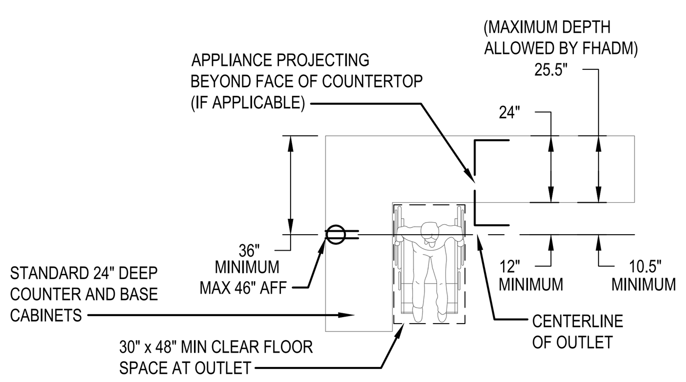
TELEPHONE & DATA COMBINATION OUTLET DETAIL | 6
NTS | E5.1



CABLE TELEVISION OUTLET DETAIL | 5
NTS | E5.1



TELEPHONE OR DATA OUTLET DETAIL | 4
NTS | E5.1



NOTE: ELECTRICAL OUTLETS ON WALLS OVER CABINETS MUST BE A MINIMUM OF 36" FROM A CORNER

FIGURE 1: ELECTRICAL OUTLETS OVER CABINETS AND/OR COUNTERTOPS AT CORNER CONDITIONS - FAIR HOUSING ACT DESIGN MANUAL (FHADM) PAGE 5.8

* FIGURE 2 REPRESENTS AN ASSESSMENT BY ENDELMAN AND ASSOCIATES REGARDING COMPLIANCE WITH THE INTENT OF THE FHADM REQUIREMENT FOUND IN FIGURE 1

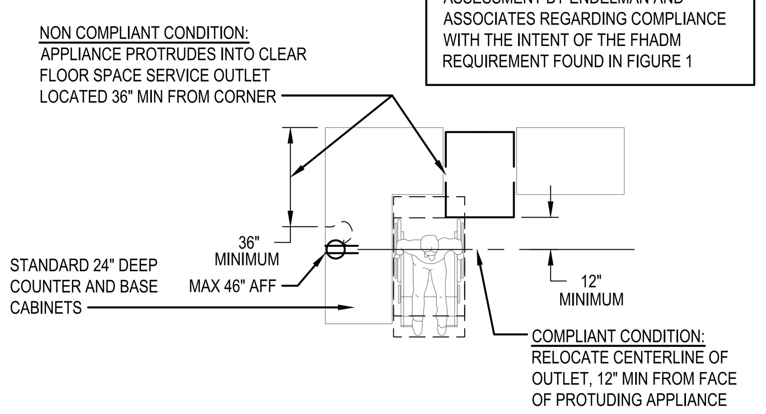
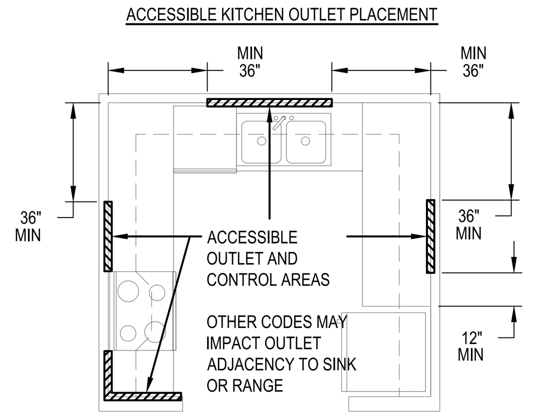
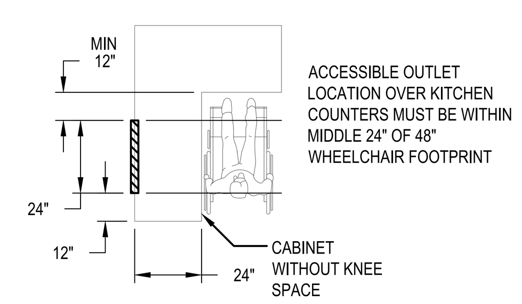


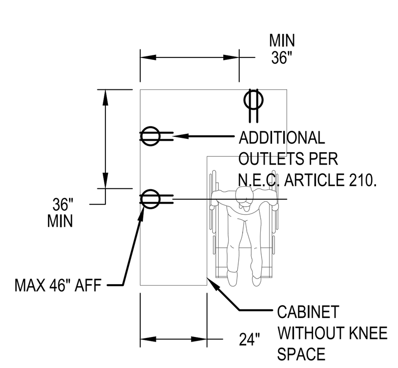
FIGURE 2: ALTERNATIVE LOCATION FOR ELECTRICAL OUTLETS OVER CABINETS AND/OR COUNTERTOPS AT CORNER CONDITIONS *

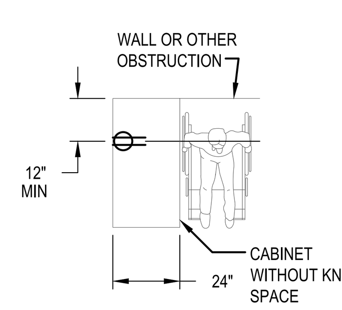
FAIR HOUSING ACT DESIGN MANUAL (FHADM) PAGE 5.8 | 3
NTS | E5.1

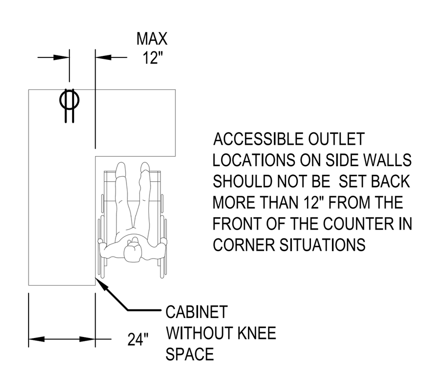
ACCESSIBLE KITCHEN OUTLET PLACEMENT



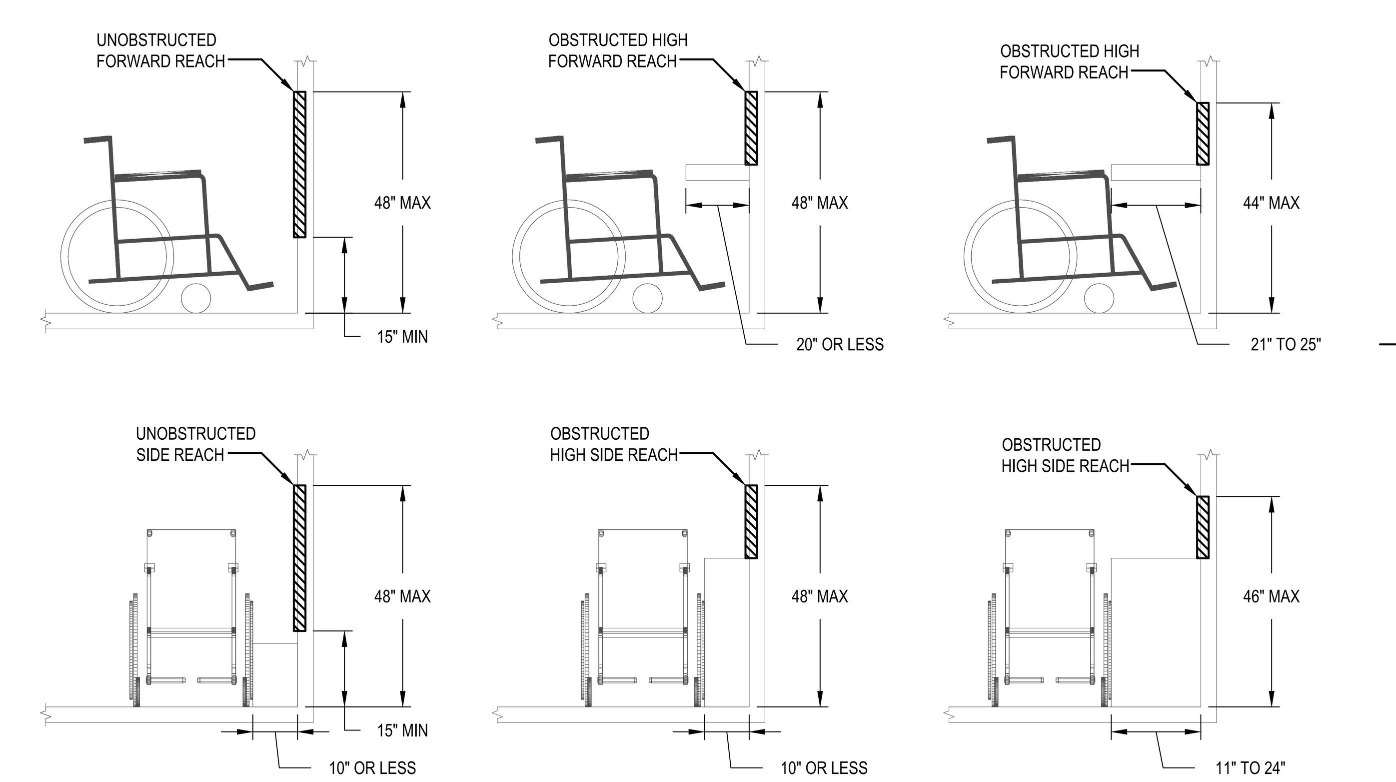








DEVICE MOUNTING DETAIL - ACCESSIBILITY AT COUNTERTOPS | 2
NTS | E5.1



DEVICE MOUNTING DETAIL - ACCESSIBILITY REQUIRED | 1
NTS | E5.1

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ELECTRICAL DETAILS

E5.1

Part IV - NEC 220.82

INDIVIDUAL DWELLING UNIT LOAD CALCULATIONS

	(B)(1)		(B)(2)				(B)(3)a				(B)(3)b	(B)(3)c	(B)(3)d	220.82(B)				(C)(1)	(C)(3)	220.82(C)	220.82(A)		
UNIT TYPE	SQUARE FEET	GENERAL LIGHTING & RECEPTACLES	# SMALL APPLIANCE CIRCUITS	SMALL APPLIANCE LOAD	# LAUNDRY CIRCUITS	LAUNDRY LOAD	REFRIGERATOR	DISPOSAL	DISHWASHER	MICROWAVE	RANGE	DRYER	WATER HEATER	GENERAL LOAD SUB-TOTAL	FIRST 10000VA AT 100%	REMAINDER AT 40%	NET COMPUTED GENERAL LOAD	100% AIR CONDITIONING AND COOLING	100% HEAT PUMP W/ 65% ELECTRIC HEAT	LARGEST HVAC LOAD	NET COMPUTED GENERAL LOAD PLUS LARGEST HVAC LOAD (VA)	OPTIONAL DEMAND LOAD CURRENT (AMPS)	UNIT OCPD
U101	735	2205	2	3000	1	1500	1200	750	750	1000	9000	5000	4500	28905	10000	7562	17562	0	7811	7811	25373	122	150
U201	1192	3576	2	3000	1	1500	1200	750	750	1000	9000	5000	4500	30276	10000	8110	18110	5408	0	5408	23518	113	125
U202	532	1596	2	3000	1	1500	1200	750	750	1000	9000	5000	4500	28296	10000	7318	17318	0	6422	6422	23741	114	125
U203	691	2073	2	3000	1	1500	1200	750	750	1000	9000	5000	4500	28773	10000	7509	17509	0	6422	6422	23931	115	125
U302	532	1596	2	3000	1	1500	1200	750	750	1000	9000	5000	4500	28296	10000	7318	17318	0	6422	6422	23741	114	125
U303	691	2073	2	3000	1	1500	1200	750	750	1000	9000	5000	4500	28773	10000	7509	17509	0	6339	6339	23848	115	125

VOLTAGE 208
PHASE 1

LUMINAIRE SCHEDULE

TAG	MANUFACTURER	MODEL NUMBER	VOLTS	LAMP TYPE	WATTS	MOUNTING TYPE	DESCRIPTION / REMARKS
EXIT / EMERGENCY EGRESS FIXTURES							
EM	LSI LIGHTING	EAR-WH-SD2-RC	120	LED	4	UNIVERSAL	(2) HEAD EMERGENCY EGRESS - WITH BATTERY BACK-UP
ER	LSI LIGHTING	SRL-D-WH-WL	LV	LED	0	UNIVERSAL	(2) HEAD REMOTE EXTERIOR EMERGENCY EGRESS
EX	LSI LIGHTING	LPRX-R-U--WH-LD11-RL	120	LED	3	UNIVERSAL	(2) HEAD EGRESS EXIT SIGN - WITH BATTERY BACK-UP AND REMOTE CAPABILITY
COMMON SPACE FIXTURES							
S1	LSI LIGHTING	WNA10-LED-SS-CW-UE	120	LED	33	SURFACE	4' LED LINEAR WRAP
S2	LEVITON	8829-CW2	120	LED	25	SURFACE	KEYLESS LAMPHOLDER
S3	AFX	EGRF0811L30D1WH	120	LED	15	SURFACE	8" DISC DOWNLIGHT WHITE FINISH
W1	WAC LIGHTING	P1857679	120	LED	24	WALL	5" LED ARCHITECTURAL CYLINDER DOWNLIGHT
W2	HINKLEY	10231TK	120	LED	14	WALL	13" GOOSENECK EXTERIOR LIGHT - DARK SKY COMPLIANT
W3	LITHONIA	WDGE2 LED - P3-40K-80CRI-VW-MVOLT-SRM-DDBXD	120	LED	23	WALL	WALLPACK LIGHTING - DARK BRONZE - DARK SKY COMPLIANT
W4	ILLUMINATE VINTAGE	ARTESIA	120	LED	12	WALL	(2) 6 WATT LED EQUIVILANT LAMPS - BATH VANITY
UNIT PLAN FIXTURES							
UP1	LIVEX	41185-04	120	LED	30	PENDANT	MINI PENDANT
US1	AFX	EGRF0609L30D1WH	120	LED	12	SURFACE	5" DISC DOWNLIGHT - WHITE FINISH
US2	MONTE CARLO	3VNR42RZWD-V1	120	LED	17	SURFACE	3 BLADE - VISION II - 42" CEILING FAN WITH LIGHT KIT - WHITE FINISH
US3	LITHONIA	WL2-18L-EZ1LP840	120	LED	18	SURFACE	MECHANICAL CLOSET SURFACE MOUNTED STRIP LIGHT
US4	AFX	EGRF0609L30D1BK	120	LED	12	SURFACE	5" DISC DOWNLIGHT - BLACK FINISH
UU1	LITHONIA	UCLD-12IN-30K-90CRI-SWR-WH	120	LED	7	UNDERCABINET	12" UNDERCABINET LIGHT
UW1	ILLUMINATE VINTAGE	ARTESIA	120	LED	12	WALL	(2) 6 WATT LED EQUIVILANT LAMPS - BATH VANITY

ALL FIXTURES MAY NOT APPLY
EC SHALL CONFIRM MOUNTING HEIGHTS AND COLOR FINISHES OF ALL FIXTURES WITH ARCHITECT PRIOR TO ROUGH-IN.
EC SHALL COORDINATE DIMENSIONED LOCATIONS OF ALL FIXTURES WITH ARCHITECTS DRAWINGS PRIOR TO ROUGH-IN.
EC SHALL PROVIDE ALL NECESSARY HARDWARE / INSTALLATION TO MAINTAIN THE INTEGRITY OF FIRE RATED ASSEMBLIES IN WHICH FIXTURES ARE INSTALLED.
EC SHALL PROVIDE ALL NECESSARY TRANSFORMERS / CABLING FOR ALL LOW-VOLTAGE FIXTURES.
B.O.F. = BOTTOM OF FIXTURE

NOT FOR CONSTRUCTION

Part IV - NEC 220.84

BUILDING #1633 - MC1

	(C)(1)		(C)(2)				(C)(3)a				(C)(3)b	(C)(3)c	(C)(3)d	(C)(5)			UNIT TOTAL	UNIT COUNTS				TOTALIZED LOADS
UNIT TYPE	SQUARE FEET	GENERAL LIGHTING & RECEPTACLES	# SMALL APPLIANCE CIRCUITS	SMALL APPLIANCE LOAD	# LAUNDRY CIRCUITS	LAUNDRY LOAD	REFRIGERATOR	DISPOSAL	DISHWASHER	MICROWAVE	RANGE	DRYER	WATER HEATER	AIR CONDITIONING LOAD	FIXED ELECTRIC SPACE HEATING LOAD	LARGEST HVAC LOAD	TOTAL CONNECTED LOAD (PER UNIT)	1ST FLOOR	2ND FLOOR	3RD FLOOR	UNIT TOTAL	TOTAL CONNECTED LOAD (VA)
U101	735	2205	2	3000	1	1500	1200	750	750	1000	9000	5000	4500	2662	7921	7921	36826	1	0	0	1	36826
U201	1192	3576	2	3000	1	1500	1200	750	750	1000	9000	5000	4500	5408	0	5408	35684	1	0	0	1	35684
U202	532	1596	2	3000	1	1500	1200	750	750	1000	9000	5000	4500	2496	6040	6040	34336	0	1	0	1	34336
U203	691	2073	2	3000	1	1500	1200	750	750	1000	9000	5000	4500	2496	6040	6040	34813	0	1	0	1	34813
U302	532	1596	2	3000	1	1500	1200	750	750	1000	9000	5000	4500	2496	6040	6040	34336	0	0	1	1	34336
U303	691	2073	2	3000	1	1500	1200	750	750	1000	9000	5000	4500	2413	6040	6040	34813	0	0	1	1	34813

	6	210809	
DEMAND FACTOR (TABLE 220.84)		0.44	
DWELLING UNIT DEMAND LOAD		92756	VA
HOUSE & COMMECIAL SPACE DEMAND LOAD (SHOWN ON SCHEDULES PH1 & PC1)		73013	VA
VOLTAGE 208 — TOTAL DEMAND LOAD		165769	VA
PHASE 3 — TOTAL DEMAND LOAD CURRENT		460	AMPS

ALL LIGHTING CIRCUITRY CONTROLS

CIRCUIT TAG	DESCRIPTION OF CIRCUIT	CONTROLLED VIA	VOLTAGE
PH1-1	LIGHTING	OCCUPANCY SENSORS	120
PH1-3	STAIRS B LIGHTING	NIGHT LIGHITNG	120
PH1-5	EXTERIOR LIGHTING	TIME-CLOCK / PHOTOCELL	120
PH1-6	ATTIC RECEPT/LIGHTING	MANUAL SWITCHING	120
PC1-7	LIGHTING	OCCUPANCY SENSORS	120

GENERAL NOTES:

A. ALL WORK SHALL MEET OR EXCEED ALL NEC STANDARDS.

B. EC SHALL VERIFY ALL WIRE SIZING DUE TO IN FIELD ROUTING AND VOLTAGE DROP.

C. ALL BRANCH CIRCUIT WIRING SHALL BE COPPER UNLESS NOTED OTHERWISE.

D. PROVIDE APPROPRIATELY RATED EQUIPMENT, BREAKERS, FUSES, ETC. BASED ON SHORT CIRCUIT CALCULATIONS AND FAULT CURRENT INFORMATION FROM LOCAL UTILITY.

E. PROVIDE TYPE WRITTEN CIRCUIT DIRECTORY FOR EACH PANELBOARD.

F. PROVIDE PLACARD ON EACH PIECE OF DISTRIBUTION EQUIPMENT INDICATING EQUIPMENT DESIGNATION, VOLTAGE AND PHASE IDENTIFICATION. PLACARD SHALL BE ENGRAVED PHENOLIC WITH 1/4" TALL LETTERS.

G. PROVIDE INTERSYSTEM BONDING PROVISIONS IN ACCORDANCE WITH NEC 250.94 FOR ALL SERVICES.

H. LOADCENTER FEEDERS SIZED USING 75C COLUMN FROM NEC 310.15(B)(16). CONTRACTOR TO VERIFY THAT ALL TERMINATIONS ARE RATED FOR 75C. IF ANY FEEDER IS INSTALLED IN THERMAL INSULATION OR HAS TERMINATIONS NOT RATED FOR 75C, CONTRACTOR SHALL SIZE FEEDERS USING 60C COLUMN.

I. IN OTHER THAN TYPE III, IV, & V CONSTRUCTION, ALL SER CABLE MUST BE INSTALLED IN RACEWAY IN ACCORDANCE WITH 338.10(B)(4)(a) AND (b) AS WELL AS 334.10(5).

J. COORDINATE THE ALLOWABLE MOUNTING HEIGHT OF HIGHEST METER WITH LOCAL UTILITY.

K. SEE OVERALL BUILDING PLANS FOR DETERMINING WHICH RESIDENCE BELONG ON WHICH METER CENTER.

L. COORDINATE ALL SERVICE CONDUIT AND ROUTING WITH LOCAL UTILITY.

M. EC SHALL PROVIDE MAIN CIRCUIT BREAKERS TO MEET THE REQUIREMENTS OF NEC 240.87.

N. PROVIDE SURGE PROTECTION PER NEC 230.67.

PANEL - ST1 — UNIT 201 (LOWER & UPPER)

LOAD SERVED	CKT #	CKT BKR	CKT BKR	CKT #	LOAD SERVED
REFRIGERATOR	1	15	40	2	RANGE
SMALL APPLIANCE	3	20		4	
SMALL APPLIANCE	5	20	30	6	DRYER
HOOD / MICROWAVE	7	20		8	
DISPOSAL / DISHWASHER	9	20	30	10	WATER HEATER
LAUNDRY	11	20		12	
COMMON SPACE	13	15	40	14	IN/OUTDOOR HVAC UNIT
COMMON SPACE	15	20		16	
BEDROOM	17	15		18	BLANK SPACE
BATHROOM GFCI	19	20		20	BLANK SPACE
BLANK SPACE	21			22	BLANK SPACE
BLANK SPACE	23			24	BLANK SPACE
BLANK SPACE	25			26	BLANK SPACE
BLANK SPACE	27			28	BLANK SPACE
BLANK SPACE	29			30	BLANK SPACE
DEMAND LOAD - SEE UNIT LOAD CALCULATION					
FEEDER SIZE - SEE RISER DIAGRAM					

PANEL - ST2 — UNITS 202 , 203 , 302

LOAD SERVED	CKT #	CKT BKR	CKT BKR	CKT #	LOAD SERVED
REFRIGERATOR	1	15	40	2	RANGE
SMALL APPLIANCE	3	20		4	
SMALL APPLIANCE	5	20	30	6	DRYER
MICROWAVE / HOOD	7	20		8	
DISPOSAL / DISHWASHER	9	20	30	10	WATER HEATER
LAUNDRY	11	20		12	
COMMON SPACE	13	15	15	14	OUTDOOR HVAC UNIT
BEDROOM	15	20		16	
BATHROOM GFCI	17	15	50	18	INDOOR HVAC UNIT
BLANK SPACE	19			20	
BLANK SPACE	21			22	BLANK SPACE
BLANK SPACE	23			24	BLANK SPACE
BLANK SPACE	25			26	BLANK SPACE
BLANK SPACE	27			28	BLANK SPACE
BLANK SPACE	29			30	BLANK SPACE
DEMAND LOAD - SEE UNIT LOAD CALCULATION					
FEEDER SIZE - SEE RISER DIAGRAM					

PANEL - ST3 — UNIT 303

LOAD SERVED	CKT #	CKT BKR	CKT BKR	CKT #	LOAD SERVED
REFRIGERATOR	1	15	40	2	RANGE
SMALL APPLIANCE	3	20		4	
SMALL APPLIANCE	5	20	30	6	DRYER
MICROWAVE / HOOD	7	20		8	
DISPOSAL / DISHWASHER	9	20	30	10	WATER HEATER
LAUNDRY	11	20		12	
COMMON SPACE	13	15	15	14	OUTDOOR HVAC UNIT
BEDROOM	15	20		16	
BATHROOM GFCI	17	15	50	18	INDOOR HVAC UNIT
BLANK SPACE	19			20	
BLANK SPACE	21			22	BLANK SPACE
BLANK SPACE	23			24	BLANK SPACE
BLANK SPACE	25			26	BLANK SPACE
BLANK SPACE	27			28	BLANK SPACE
BLANK SPACE	29			30	BLANK SPACE
DEMAND LOAD - SEE UNIT LOAD CALCULATION					
FEEDER SIZE - SEE RISER DIAGRAM					

PANEL - 1BRHC — UNIT 101

LOAD SERVED	CKT #	CKT BKR	CKT BKR	CKT #	LOAD SERVED
REFRIGERATOR	1	15	40	2	RANGE
SMALL APPLIANCE	3	20		4	
SMALL APPLIANCE	5	20	30	6	DRYER
HOOD	7	20		8	
DISPOSAL / DISHWASHER	9	20	30	10	WATER HEATER
LAUNDRY	11	20		12	
COMMON SPACE	13	15	25	14	OUTDOOR HVAC UNIT
BEDROOM	15	20		16	
BATHROOM GFCI	17	15	60	18	INDOOR HVAC UNIT
MICROWAVE	19	20		20	
BLANK SPACE	21			22	BLANK SPACE
BLANK SPACE	23			24	BLANK SPACE
BLANK SPACE	25			26	BLANK SPACE
BLANK SPACE	27			28	BLANK SPACE
BLANK SPACE	29			30	BLANK SPACE
DEMAND LOAD - SEE UNIT LOAD CALCULATION					
FEEDER SIZE - SEE RISER DIAGRAM					

PANEL - PH1 — PANELBOARD SCHEDULE, CONNECTED LOAD (VA) — HOUSE PANEL

LOAD SERVED	CKT No.	CKT BKR	TYPE	LOAD	PHASE A	PHASE B	PHASE C	LOAD	TYPE	CKT BKR	CKT No.	LOAD SERVED
LIGHTING	1	20	1	324				900	2	20	2	RECEPTACLES
STAIRS B LIGHTING	3	20	1	143				900	2	20	4	BASEMENT RECEPT
EXTERIOR LIGHTING	5	20	1	262				615	2	20	6	ATTIC RECEPT/LIGHTING
STRIKES/FOB/INTERCOM	7	20	5	300				1800	3	25	8	WH-01
TELECOM BAORD	9	20	1	550				1800	3		10	
COMM. DEHUMIDIFIER	11	20	5	515				360	2	20	12	ROOF TOP RECEPT
COMM. DEHUMIDIFIER	13	20	5	515				180	5	20	14	RADON
SPINKLER MONITOR PNL	15	20	5	550				96	5	20	16	HEAT TRACE
STRIKES/FOB/INTERCOM	17	20	5	300				180	5	20	18	RADON
SPARE	19	20						180	5	20	20	RADON
SPARE	21	20								20	22	SPARE
SPARE	23	20								20	24	SPARE
BLANK SPACE	25									20	26	SPARE
BLANK SPACE	27										28	BLANK SPACE
BLANK SPACE	29										30	BLANK SPACE

VOLTAGE: 208 — PHASE: 3 — WIRE: 4
MAIN TYPE: MLO — OCP = 100 — FEED-THRU LUGS: NO

NEC LOAD ANALYSIS	TYPE					
CONTINUOUS	1	1279	125%	1599	TOTAL PHASE A	4199
RECEPTACLE	2	2775	TABLE 220.44	2775	TOTAL PHASE B	4039
HVAC EQUIPMENT	3	3600	100%	3600	TOTAL PHASE C	2232
NONCOINCIDENT	4	0	0%	0		
MISC EQUIPMENT	5	2816	100%	2816	CONNECTED LOAD (VA)	10470
KITCHEN EQUIPMENT	6	0	65%	0	CONNECTED LOAD (A)	29
MOTOR	7	0	100%	0		
LARGEST MOTOR			25%	0	DEMAND LOAD (VA)	10790
DWELLING UNIT	8	0			DEMAND LOAD (A)	30
PANEL FEEDER	9	*				

* SEE THAT PANEL SCHEDULE FOR ITS SUMMARY

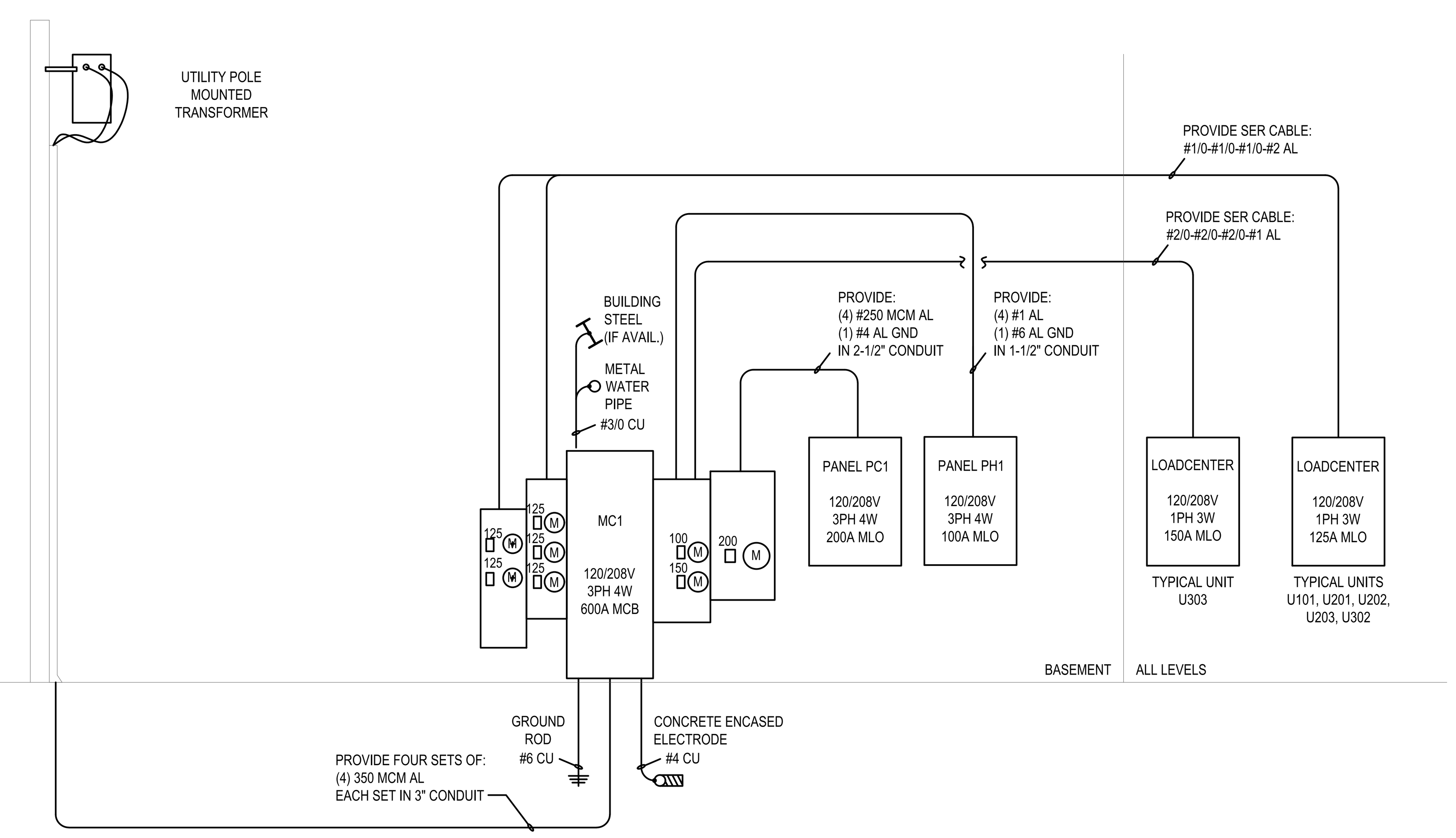
PANEL - PC1 — PANELBOARD SCHEDULE, CONNECTED LOAD (VA) — FUTURE COMMERCIAL PANEL

LOAD SERVED	CKT No.	CKT BKR	TYPE	LOAD	PHASE A	PHASE B	PHASE C	LOAD	TYPE	CKT BKR	CKT No.	LOAD SERVED
F-01	1	15	3	1411				900	2	20	2	RECEPTACLES
CU-01	3	50	5	2729				1080	2	20	4	RECEPTACLES
	5		5	2729				360	2	20	6	WINDOW RECEPTACLES
LIGHTING / EF-01	7	20	1	274				4000	5	50	8	IWH-1
FUTURE RESTURAUNT (ESTIMATED LOAD)	9		5	14891				4000	5		10	
	11		5	14891						20	12	SPARE
	13		5	14891						20	14	SPARE
SPARE	15	20								20	16	SPARE
SPARE	17	20									18	BLANK SPACE
SPARE	19	20									20	BLANK SPACE
BLANK SPACE	21										22	BLANK SPACE
BLANK SPACE	23										24	BLANK SPACE
BLANK SPACE	25										26	BLANK SPACE
BLANK SPACE	27										28	BLANK SPACE
BLANK SPACE	29										30	BLANK SPACE
BLANK SPACE	31										32	BLANK SPACE
BLANK SPACE	33										34	BLANK SPACE
BLANK SPACE	35										36	BLANK SPACE
BLANK SPACE	37										38	BLANK SPACE
BLANK SPACE	39										40	BLANK SPACE
	41										42	BLANK SPACE

VOLTAGE: 208 — PHASE: 3 — WIRE: 4
MAIN TYPE: MLO — OCP = 200 — FEED-THRU LUGS: NO

NEC LOAD ANALYSIS	TYPE					
CONTINUOUS	1	274	125%	343	TOTAL PHASE A	21476
RECEPTACLE	2	2340	TABLE 220.44	2340	TOTAL PHASE B	22700
HVAC EQUIPMENT	3	1411	100%	1411	TOTAL PHASE C	17980
NONCOINCIDENT	4	0	0%	0		
MISC EQUIPMENT	5	58130	100%	58130	CONNECTED LOAD (VA)	62155
KITCHEN EQUIPMENT	6	0	65%	0	CONNECTED LOAD (A)	173
MOTOR	7	0	100%	0		
LARGEST MOTOR			25%	0	DEMAND LOAD (VA)	62223
DWELLING UNIT	8	0			DEMAND LOAD (A)	173
PANEL FEEDER	9	*				

* SEE THAT PANEL SCHEDULE FOR ITS SUMMARY



ELECTRICAL RISER DIAGRAM - MC1 | 1
NTS | E6.1

CONTRACTOR NOTE

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RUSS ALLEY
1631 - 1633 VINE STREET, 1630 REPUBLIC STREET
(1633 VINE STREET HPTC APPLICATION)
CINCINNATI, OH 45202

3CDC CINCINNATI CENTER CITY DEVELOPMENT CORPORATION

ISSUE LOG:
06.02.2023 ISSUE FOR PERMIT
09.21.2023 OHFA PRELIM. SUBMISSION

ELECTRICAL SCHEDULES

E6.1

COMcheck Software Version 4.1.5.5

Exterior Lighting Compliance Certificate

Project Information

Energy Code: 2012 IECC
Project Title: RUSS ALLEY
Project Type: Alteration
Exterior Lighting Zone 2 (Residential mixed use area (LZ2))

Construction Site:
1633 Vine St,
Cincinnati, OH 45202

Owner/Agent:

Designer/Contractor:
PE Services, LLC
9 North Broadway Street
Lebanon, OH 45036
513-836-3810

Allowed Exterior Lighting Power

A Area/Surface Category	B Quantity	C Allowed Watts / Unit	D Tradable Wattage	E Allowed Watts (B X C)
Illuminated length of facade wall or surface	150 ft	2.5	No	375
			Total Tradable Watts (a) =	0
			Total Allowed Watts =	375
			Total Allowed Supplemental Watts (b) =	600

(a) Wattage tradeoffs are only allowed between tradable areas/surfaces.
(b) A supplemental allowance equal to 600 watts may be applied toward compliance of both non-tradable and tradable areas/surfaces.

Proposed Exterior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
Illuminated length of facade wall or surface (150 ft): Non-tradable Wattage				
LED: W1: Other:	1	9	24	216
LED: W2: Other:	1	2	14	28
			Total Tradable Proposed Watts =	0

Exterior Lighting PASSES

Exterior Lighting Compliance Statement

Compliance Statement: The proposed exterior lighting alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed exterior lighting systems have been designed to meet the 2012 IECC requirements in COMcheck Version 4.1.5.5 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Name - Title _____ Signature _____ Date _____

COMcheck Software Version 4.1.5.5

Interior Lighting Compliance Certificate

Project Information

Energy Code: 2012 IECC
Project Title: RUSS ALLEY
Project Type: Alteration

Construction Site:
1633 Vine St,
Cincinnati, OH 45202

Owner/Agent:

Designer/Contractor:
PE Services, LLC
9 North Broadway Street
Lebanon, OH 45036
513-836-3810

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts (B X C)
2-Common Space Types:Stairway	548	0.70	384
1-Retail:Sales area	1342	1.60	2147
3-Attic Storage Area (Common Space Types:Storage)	1222	0.80	978
4-Basement (Common Space Types:Storage)	1340	0.80	1072
		Total Allowed Watts =	4580

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
Common Space Types:Stairway (548 sq.ft.)				
LED: S3: Other:	1	9	15	135
Retail:Sales area (1342 sq.ft.)				
LED: S1: LED Linear 33W:	1	9	33	297
LED: S3: Other:	1	3	15	45
Attic Storage Area (Common Space Types:Storage 1222 sq.ft.)				
LED: S2: LED Other Fixture Unit 25W:	1	7	25	175
Basement (Common Space Types:Storage 1340 sq.ft.)				
LED: S1: LED Linear 33W:	1	9	33	297
LED: S3: Other:	1	1	15	15
			Total Proposed Watts =	964

Interior Lighting PASSES

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2012 IECC requirements in COMcheck Version 4.1.5.5 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Name - Title _____ Signature _____ Date _____

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3CDC CINCINNATI CENTER CITY DEVELOPMENT CORPORATION

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06.02.2023
ISSUE FOR PERMIT

09.21.2023
OHFA PRELIM. SUBMISSION

CONTRACTOR NOTE

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ARCHITECT, LANDLORD AND TENANT OF ANY DISCREPANCIES ENCOUNTERED ON THE PLANS OR IN EXISTING SITE CONDITIONS PRIOR TO SUBMISSION OF BID.

BIDDERS ARE TO VISIT THE SITE AND FAMILIARIZE THEMSELVES WITH EXISTING CONDITIONS AND SATISFY THEMSELVES AS TO THE NATURE AND SCOPE OF THE WORK. THE BASE BID SHALL REFLECT MODIFICATIONS TO SYSTEMS AND DEVICES AS REQUIRED BY STATE, LOCAL AND FEDERAL CODES WHETHER INDICATED OR NOT ON CONTRACT DOCUMENTS. THE SUBMISSIONS OF A BID WILL BE EVIDENCE THAT SUCH AN EXAMINATION AND COMPLIANCE WITH GOVERNING CODES/REQUIREMENTS HAS BEEN MADE. LATER CLAIMS FOR LABOR, EQUIPMENT, OR MATERIALS REQUIRED, OR FOR DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORESEEN HAD AN EXAMINATION AND CODE/REQUIREMENTS REVIEW BEEN MADE, WILL NOT BE ALLOWED.

ELECTRICAL ENERGY CODE

E8.1

PLUMBING NOTATIONS

140	140°F HOT WATER	HP	HORSE POWER
140R	140°F HOT WATER RETURN	HT	HEIGHT
AD	AREA DRAIN	INV	INVERT ELEVATION
AFF	ABOVE FINISH FLOOR	LAV	LAVATORY
AFG	ABOVE FINISHED GRADE	LF	LINEAR FOOT
BFP	BACKFLOW PREVENTER	MAX	MAXIMUM
BV	BALANCING VALVE	MC	MECHANICAL CONTRACTOR
BT	BATHTUB	MIN	MINIMUM
CO	CLEAN OUT	MS	MOP SINK
CS	CLINIC SINK	NTS	NOT TO SCALE
CWS	COMBINATION WATER SERVICE	OD	OVERFLOW DRAIN
DCW	DOMESTIC COLD WATER	PC	PLUMBING CONTRACTOR
DD	DECK DRAIN	RD	ROOF DRAIN
DDCV	DOUBLE DETECTOR CHECK VALVE	S	SINK
DF	DRINKING FOUNTAIN	SA	SHOCK ABSORBER
DHW	DOMESTIC HOT WATER	SAN	SANITARY
DHWR	DOMESTIC HOT WATER RETURN	SDL	SPRINKLER DRAIN LINE
DN	DOWN	SE	SEWAGE EJECTOR
DS	DOWNSPOUT	SF	SQUARE FOOT
DWH	DOMESTIC WATER HEATER	SH	SHOWER
EC	ELECTRICAL CONTRACTOR	SP	SUMP PUMP
ET	EXPANSION TANK	SS	SANITARY SEWER
EWC	ELECTRIC WATER COOLER	STM	STORM
EWH	ELECTRIC WATER HEATER	SUC	SITE UTILITY CONTRACTOR
FCO	FLOOR CLEANOUT	SW	SOFT WATER
FD	FLOOR DRAIN	TD	TRENCH DRAIN
FDC	FIRE DEPARTMENT CONNECTION	TMV	THERMOSTATIC MIXING VALVE
FDV	FIRE DEPARTMENT VALVE	TP	TRAP PRIMER
FOG	FATS / OILS / GREASE	TS	TAMPER SWITCH
FR	FIRE RISER	TYP	TYPICAL
FS	FLOW SWITCH	UF	UTILITY FIXTURE
FSC	FIRE SUPPRESSION CONTRACTOR	UG	UNDERGROUND
G	GAS (NATURAL)	UNO	UNLESS NOTED OTHERWISE
GC	GENERAL CONTRACTOR	UR	URINAL
GCO	GRADE CLEANOUT	V	VENT
GPM	GALLONS PER MINUTE	VR	VENT RISER
GRD	GRADE	VTR	VENT THROUGH ROOF
HB	HOSE BIBB	WC	WATER CLOSET
HC	HVAC CONTRACTOR	WCO	WALL CLEANOUT
HCO	HORIZONTAL CLEANOUT	WH	WALL HYDRANT
HD	HUB DRAIN		

PLUMBING SYMBOL LEGEND

NOTES:

1. ALL SYMBOLS MAY NOT APPLY.

XX	CODED PLAN NOTE	XX / XXX	DETAIL # / SHEET # REFERENCE TAG
XX	EQUIPMENT DESIGNATION		
BFP	BACKFLOW PREVENTER		BALANCING VALVE
	BALL VALVE		BUTTERFLY VALVE
	CAP OFF EXISTING		CHECK VALVE
CO	CLEANOUT PLUG	DDCV	DOUBLE DETECTOR CHECK VALVE
	DRY-PIPE VALVE		FIRE ALARM VALVE
	FIRE DEPARTMENT CONNECTION		FIRE PROTECTION CONCEALED SPRINKLER
	FIRE PROTECTION PENDANT SPRINKLER		FIRE PROTECTION SPRINKLER WITH GUARD
	FIRE PROTECTION UPRIGHT SPRINKLER	CO	FLOOR CLEANOUT
	FLOOR DRAIN	FS	FLOW SWITCH
	GAS COCK		GATE VALVE
	MIXING VALVE		PIPING DOWN
	PIPING OUT BOTTOM		PIPING OUT TOP
	PIPING RISE OR DROP		PIPING UP
	PLUG VALVE		POINT OF CONNECTION
	PRE-ACTION VALVE		PRESSURE REDUCING VALVE
	RECIRCULATION PUMP		ROOF / OVERFLOW DRAIN
	SOLENOID VALVE		STRAINER
TS	SUPERVISED GATE VALVE		TEST PLUG
	THERMOMETER		UNION
M	UTILITY METER - GAS / WATER		WALL HYDRANT / HOSE BIBB

PLUMBING LINETYPE LEGEND

CW	DOMESTIC COLD WATER
CW	DOMESTIC COLD WATER UNDERGROUND
HW	DOMESTIC HOT WATER
S	SANITARY
S	SANITARY UNDERGROUND
STM	STORM
STM	STORM UNDERGROUND
V	VENT
G	GAS
G	GAS UNDERGROUND

GENERAL NOTES:

A. THIS WORK SHALL BE EXECUTED IN STRICT CONFORMITY WITH THE LATEST EDITION OF THE PREVAILING STATE PLUMBING AND BUILDING CODES AND ALL LOCAL REGULATIONS THAT MAY APPLY. IN CASE OF CONFLICT BETWEEN THE CONTRACT DOCUMENTS AND A GOVERNING CODE OR ORDINANCE, THE MORE STRINGENT STANDARD SHALL APPLY.

B. ALL PLUMBING FIXTURES SHALL BE SUPPLIED WITH INDIVIDUAL HEAVY DUTY SUPPLY STOPS AND CODE APPROVED P-TRAPS WITH CLEANOUTS. EXPOSED PIPING SHALL BE CHROME PLATED WITH CHROMED ESCUTCHEONS AT WALL PENETRATIONS.

C. NO PIPING SHALL PASS DIRECTLY OVER ELECTRICAL POWER DISTRIBUTION CABINETS. CONTRACTOR SHALL COORDINATE PANEL LOCATIONS, PRIOR TO PIPING INSTALLATION.

D. ALL FLOOR DRAIN AND HUB DRAIN TRAPS SHALL BE PROVIDED WITH TRAP PRIMERS OR TRAP GUARDS, PER LOCAL CODES.

E. ALL HORIZONTAL VENT PIPING MAY NOT BE SHOWN ON THIS PLAN FOR THE SAKE OF CLARITY. REFER TO SANITARY ISOMETRIC FOR VENT PIPE ROUTING AND PROVIDE COMPLETE VENTING SYSTEM IN ACCORDANCE WITH CODE.

F. ALL PLUMBING WORK SHALL BE COORDINATED WITH ALL OTHER TRADES, PRIOR TO CONSTRUCTION.

G. ALL DOMESTIC WATER BRANCH LINES SHALL HAVE FULL PORT, TWO PIECE BALL TYPE, ISOLATION VALVES.

H. PROVIDE WATER HAMMER ARRESTORS (WHA) AS REQUIRED, WITH QUICK CLOSING VALVES AND ON SYSTEMS WITH HIGHER THAN NORMAL PRESSURE, WHERE WATER HAMMER MAY BE AN ISSUE.

I. INSTALL ALL FLOOR CLEANOUTS TO CLEAR EQUIPMENT AND PROVIDE REQUIRED ACCESSIBILITY FOR MAINTENANCE.

J. VERIFY INVERT ELEVATIONS AND EXACT LOCATIONS OF ALL UNDERGROUND UTILITIES, PRIOR TO INSTALLING ANY UNDERGROUND PIPING. COORDINATE WITH SITE UTILITY CONTRACTOR.

K. PLUMBING CONTRACTOR TO REFERENCE ENTERPRISE GREEN COMMUNITIES CRITERIA CHECKLIST AND SUSTAINABLE DESIGN REQUIREMENTS. COORDINATE WITH GC AND ARCHITECT FOR MORE INFORMATION.

PLUMBING SHEET INDEX

SHEET NO.	SHEET DESCRIPTION
P0.0	PLUMBING COVER SHEET
P0.1	PLUMBING SPECIFICATIONS
P1.0	BASEMENT SANITARY PLAN
P1.1	FIRST FLOOR SANITARY PLAN
P1.2	SECOND FLOOR SANITARY PLAN
P1.3	THIRD FLOOR SANITARY PLAN
P1.4	ATTIC SANITARY PLAN
P1.5	ROOF SANITARY PLAN
P2.0	BASEMENT WATER & GAS PLAN
P2.1	FIRST FLOOR WATER PLAN
P2.2	SECOND FLOOR WATER PLAN
P2.3	THIRD FLOOR WATER PLAN
P2.4	ATTIC WATER PLAN
P2.5	ROOF WATER PLAN
P5.0	PLUMBING DETAILS
P6.0	PLUMBING SCHEDULES
P7.0	SANITARY ISOMETRIC

** NOTE **

THE PLUMBING CONTRACTOR IS RESPONSIBLE FOR INSTALLING PIPING ASSOCIATED WITH THE RADON MITIGATION SYSTEM. THE RADON MITIGATION DESIGN IS BY OTHERS; COORDINATE REQUIREMENTS WITH GENERAL CONTRACTOR AND ARCHITECT.

CONTRACTOR NOTE

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PLUMBING COVER SHEET

P0.0

PLUMBING SPECIFICATIONS

GENERAL REQUIREMENTS
REFER TO ARCHITECTURAL DRAWINGS, GENERAL NOTES, INSTRUCTIONS TO BIDDERS, GENERAL CONDITIONS, SUPPLEMENTARY GENERAL CONDITIONS, BASE BUILDING SPECIFICATIONS AND DRAWINGS, SHOP DRAWING MANUALS AND AS-BUILT PLANS, EXCEPT AS NOTED HEREIN, WHICH APPLY IN ALL RESPECTS TO THIS SECTION. THE CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE HIMSELF/HERSELF WITH ALL EXISTING CONDITIONS, PRIOR TO BIDDING THE WORK.

THE INTENT OF THE SPECIFICATIONS AND DRAWINGS IS TO PROVIDE A COMPLETE AND FULLY OPERATIONAL PLUMBING SYSTEM. THE PLUMBING CONTRACTOR SHALL FURNISH AND INSTALL ALL LABOR, MATERIAL AND EQUIPMENT NECESSARY TO COMPLETE THE PLUMBING WORK.

THE PLUMBING CONTRACTOR SHALL THOROUGHLY EXAMINE ALL AREAS OF WORK WHERE EQUIPMENT, DUCTWORK, ELECTRICAL PANELS AND PIPING WILL BE INSTALLED AND SHALL REPORT ANY CONDITION THAT PREVENTS THE PROPER INSTALLATION OF THE PLUMBING WORK, PRIOR TO BID. HE/SHE SHALL ALSO EXAMINE THE DRAWINGS AND SPECIFICATIONS OF OTHER BRANCHES OF WORK, MAKING REFERENCE TO THEM FOR DETAILS OF NEW OR EXISTING BUILDING CONDITIONS. NO EXTRAS WILL BE ALLOWED TO BE INCLUDED FOR ALL REQUIRED WORK IN BID. ALL WORK SHALL BE DONE AT TIMES CONVENIENT TO THE OWNER AND ONLY DURING NORMAL WORKING HOURS, UNLESS SPECIFIED OTHERWISE. PLUMBING CONTRACTOR SHALL TAKE HIS/HER OWN MEASUREMENTS AND BE RESPONSIBLE FOR THEM. CONTRACTOR SHALL ARRANGE FOR HIS/HER OWN PARKING AND TELEPHONE.

EQUIPMENT AND MATERIALS SHALL CONFORM WITH APPROPRIATE PROVISIONS OF OHFA FORM 001 - CONTRACTOR / ARCHITECT CERTIFICATION, GREEN COMMUNITIES CRITERIA 2018, AGA, ARI, ASME, ASTM, CISPI, UL, NEMA, ANSI, SMACNA, ASHRAE, NFPA, NEC, AS APPLICABLE TO EACH INDIVIDUAL UNIT OR ASSEMBLY. ALL EQUIPMENT MUST BEAR UL LABEL.

ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL CODES AND ORDINANCES. IN CASE OF CONFLICT BETWEEN THE DRAWINGS/SPECIFICATIONS AND THE CODES AND ORDINANCES, THE HIGHEST STANDARD SHALL APPLY. THE PLUMBING CONTRACTOR SHALL SATISFY CODE REQUIREMENTS AS A MINIMUM STANDARD WITHOUT ANY EXTRA COST TO THE OWNER.

PERMITS AND FEES
THE PLUMBING CONTRACTOR SHALL PROCURE AND PAY FOR ALL PERMITS, FEES, TAXES AND INSPECTIONS NECESSARY TO COMPLETE THE PLUMBING WORK. FURNISH CERTIFICATE OF APPROVAL, FOR WORK FROM INSPECTION AUTHORITY, TO OWNER BEFORE FINAL ACCEPTANCE FOR WORK. CERTIFICATE OF FINAL INSPECTION AND APPROVAL SHALL BE SUBMITTED WITH THE CONTRACTOR'S REQUEST FOR PAYMENT. NO FINAL PAYMENT WILL BE APPROVED WITHOUT THIS CERTIFICATE.

CONTRACT DRAWINGS
THE CONTRACT DRAWINGS ARE INTENDED TO BE DIAGRAMMATIC ONLY, INTENDING TO SHOW GENERAL RUNS AND LOCATIONS OF EQUIPMENT, FIXTURES, DUCTS AND PIPING. THE DRAWINGS DO NOT NECESSARILY SHOWING ALL OFFSETS, DETAILS, ACCESSORIES AND EQUIPMENT TO BE CONNECTED, AS MAY BE REQUIRED DURING CONSTRUCTION.

COORDINATION OF WORK & COORDINATION DRAWINGS
ALL WORK SHALL BE ACCURATELY LAID-OUT WITH OTHER TRADES, PRIOR TO INSTALLATION & FABRICATION, TO AVOID ALL CONFLICTS AND OBTAIN A NEAT AND WORKMANLIKE INSTALLATION, WHICH WILL AFFORD MAXIMUM ACCESSIBILITY FOR EQUIPMENT OPERATION, MAINTENANCE CLEARANCES AND HEADROOM. PLUMBING CONTRACTOR SHALL PROVIDE 1/4 SCALE COORDINATION SHOP DRAWINGS FOR FIXTURES, EQUIPMENT, PIPING, VALVES, ETC.

SUBMIT (4) COPIES OF COMPLETE & CERTIFIED SHOP DRAWINGS, DESCRIPTIVE DATA, PERFORMANCE DATA AND RATINGS, DIAGRAMS AND SPECIFICATIONS ON ALL SPECIFIED EQUIPMENT, INCLUDING ACCESSORIES, AND MATERIALS FOR REVIEW, TO THE ENGINEER. THE MAKE, MODEL NUMBER, TYPE, FINISH AND ACCESSORIES OF ALL EQUIPMENT AND MATERIALS SHALL BE REVIEWED AND APPROVED BY THE PLUMBING CONTRACTOR AND GENERAL CONTRACTOR, PRIOR TO SUBMITTING TO THE ENGINEER FOR THEIR REVIEW AND APPROVAL. APPROVAL OF SHOP DRAWINGS DOES NOT RELIEVE THE PLUMBING CONTRACTOR AND VENDOR FROM COMPLIANCE WITH THE REQUIREMENTS OF THE CONTRACT DRAWINGS, SPECIFICATIONS AND APPLICABLE CODES.

AS-BUILT DRAWINGS
THE PLUMBING CONTRACTOR SHALL KEEP AT LEAST ONE SET OF COLORED PENCIL CORRECTED SHOP AND DESIGN DRAWINGS AT THE SITE. DRAWINGS SHALL BE CURRENT, DENOTING APPROVED MODIFICATIONS AND ACTUAL INSTALLED DEPARTURE. SUBMIT ONE SET OF AUTOCAD AS-BUILT DRAWINGS TO THE OWNER, PRIOR TO PROJECT CLOSE OUT AND BEFORE FINAL PAYMENT.

ACCESS PANELS
FURNISH & INSTALL ALL CEILING AND WALL ACCESS PANELS TO ACCESS CONCEALED PLUMBING EQUIPMENT, VALVES, ETC., PRIOR TO BIDDING. THERE SHALL BE NO EXTRAS FOR HAVING TO ADD ACCESS PANELS, AFTER BIDS ARE AWARDED.

CUTTING AND PATCHING
NEATLY CONDUCT ALL FLOOR CUTTING AND PATCH ALL CUT SURFACES, AS REQUIRED, TO MATCH BUILDING CONSTRUCTION. HOWEVER, THE CONTRACTOR SHALL EMPLOY AND PAY A TRADE TRAINED AND QUALIFIED PERSON TO PERFORM THE REQUIRED PATCHING WORK. ALL SURFACES DISTURBED SHALL BE RESTORED WITH SIMILAR MATERIALS, TO THE SATISFACTION OF THE ENGINEER. ALL PENETRATIONS THROUGH ROOF SHALL BE MADE BY BONDED ROOFER. PLUMBING CONTRACTOR SHALL PAY ALL FEES.

EXCAVATION, TRENCHING AND BACKFILL
CONDUCT ALL EXCAVATION, TRENCHING AND BACKFILL, REQUIRED FOR THE INSTALLATION OR SETTING OF PLUMBING WORK. ALL BACKFILL SHALL BE COMPACTED & BROUGHT TO FINISHED GRADE AND SHALL MATCH SURROUNDING CONDITIONS. RESTORE ALL DISTURBED FLOORING TO IT'S ORIGINAL CONDITION.

RIGGING
CONDUCT ALL RIGGING, AS REQUIRED.

SCAFFOLDING
FURNISH AND INSTALL ALL NECESSARY SCAFFOLDING OR STAGING, AS REQUIRED FOR COMPLETION OF WORK.

FLASHING AND COUNTER-FLASHING
ROOF FLASHING SHALL BE FURNISHED AND INSTALLED BY THE ROOFING CONTRACTOR. ROOF COUNTER-FLASHING SHALL BE FURNISHED AND INSTALLED BY THE PLUMBING CONTRACTOR. COORDINATE WORK WITH ROOFING CONTRACTOR AND PAY ALL FEES.

WARRANTY
THE PLUMBING CONTRACTOR SHALL UNCONDITIONALLY WARRANT ALL WORK TO BE FREE OF DEFECTS IN EQUIPMENT, MATERIAL AND WORKMANSHIP, FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE ENGINEER. THE PLUMBING CONTRACTOR WILL REPAIR OR REPLACE ANY DEFECTIVE WORK, PROMPTLY AND WITHOUT CHARGE TO THE OWNER. CONTRACTOR SHALL RESTORE ANY OTHER EXISTING WORK DAMAGED IN THE COURSE OF REPAIRING DEFECTIVE EQUIPMENT, MATERIALS AND WORKMANSHIP.

OWNERS INSTRUCTIONS
INSTRUCT THE OWNERS' PERSONNEL IN THE OPERATION OF THE PLUMBING SYSTEMS. WORK SHALL BE CONSIDERED ACCEPTABLE BY THE ENGINEER FOR REGULAR INTENDED USE. PROVIDE TWO SETS OF COMPLETE OPERATING AND MAINTENANCE PROCEDURES WITH DRAWINGS, TYPEWRITTEN INSTRUCTIONS AND OPERATING SEQUENCES AND DESCRIPTIVE DATA SHEETS. ASSEMBLE EACH SET IN A HARD BOUND COVER.

FINALE
PUT ALL EQUIPMENT AND FIXTURES IN SERVICE AND DEMONSTRATE THAT ALL CONDITIONS OF THE CONTRACT HAVE BEEN FULFILLED. REMOVE ALL TOOLS, DEBRIS, ETC. OCCASIONED BY WORK, UNDER THIS CONTRACT. SUBMIT ALL WARRANTIES, BALANCING REPORTS, TEST REPORTS, OPERATING AND MAINTENANCE PROCEDURES, LOG SHEETS AND CHARTS, AND GUARANTEES AS PREVIOUSLY SPECIFIED. PROVIDE ALL REPORTS, FORMS, ETC., REQUIRED BY INSPECTORS, TO THE SATISFACTION OF THE OWNER.

PLUMBING WORK
THE PLUMBING CONTRACTOR SHALL PROVIDE NEW PLUMBING FIXTURES, EQUIPMENT, PIPING AND VALVES, AS INDICATED ON DRAWINGS AND AS SPECIFIED. FIXTURES SHALL BE SECURELY FASTENED, TO PREVENT ANY MOVEMENT OF FIXTURE DURING NORMAL USE. SEAL TO WALL, FLOOR OR COUNTERTOP WITH SILICONE ACRYLIC-LATEX CAULK. STARTUP AND 1ST YEAR PARTS AND LABOR WARRANTY SHALL BE INCLUDED, AS WELL AS MANUFACTURER'S EXTENDED WARRANTIES.

SHOP DRAWINGS
SHOP DRAWINGS SHALL BE REQUIRED ON THE FOLLOWING:

1. PIPING - SUBMIT COORDINATED PIPING DRAWINGS TO THE ENGINEER, PRIOR TO FABRICATION, INDICATING SIZES, LOCATIONS, OFFSETS AND ELEVATIONS. FULLY COORDINATE WITH ALL PROJECT DISCIPLINES.
2. PLUMBING FIXTURES AND EQUIPMENT - REFER TO DRAWING SCHEDULES FOR MANUFACTURERS AND MODEL NUMBERS.
3. PLUMBING PIPING, VALVES AND ACCESSORIES.

SANITARY WASTE AND VENT PIPING
GENERAL: PROVIDE PIPING AND FITTINGS IN ACCORDANCE WITH THE FOLLOWING LISTING:

1. BELOW GRADE PIPING:

   a. SCHEDULE 40 POLYVINYL CHLORIDE (PVC), SOLID WALL PIPE CONFORMING TO ASTM D2665 OR ASTM D2949. FITTINGS SHALL BE PVC, SOLVENT CEMENT TYPE CONFORMING TO ASTM D2665. ASTM D3311 OR ASTM F1866.

2. ABOVE GRADE PIPING:

   a. SCHEDULE 40 POLYVINYL CHLORIDE (PVC), SOLID WALL PIPE CONFORMING TO ASTM D2665 OR ASTM D2949. FITTINGS SHALL PVC, SOLVENT CEMENT TYPE CONFORMING TO ASTM D2665, ASTM D3311 OR ASTM F1866.

   b. SERVICE WEIGHT CAST IRON PIPE CONFORMING TO ASTM A74, ASTM A888 OR CISPI 301. PIPING SHALL BE MARKED WITH THE COLLECTIVE TRADEMARK OF THE CAST IRON SOIL PIPE INSTITUTE AND BE LISTED BY NSF INTERNATIONAL. FITTINGS SHALL BE CAST IRON CONFORMING TO ASME B16.4, ASME B16.12, ASTM A74, ASTM A888 OR CISPI 301 (AND BE LISTED BY NSF INTERNATIONAL). SCHEDULE 40 PVC PIPE IS NOT PERMITTED IN RETURN AIR PLENUMS. HORIZONTAL PIPING SMALLER THAN 3", SHALL DRAIN AT A SLOPE OF 1/4" PER FOOT. HORIZONTAL PIPING 3" AND LARGER, SHALL DRAIN AT A SLOPE OF 1/8" PER FOOT. COORDINATE WITH LOCAL AUTHORITIES FOR DRAINAGE REQUIREMENTS FOR EQUIPMENT DESIGNATED WITH INDIRECT WASTE TO FLOOR/HUB DRAINS.

3. PUMPED DISCHARGE PIPING (WHERE APPLICABLE):

   a. SCHEDULE 40 CAST IRON PIPE CONFORMING TO ASTM A74 OR ASTM A888. FLANGED FITTINGS SHALL BE CAST I RON CONFORMING TO ASTM A126, ANSI / AWWA C110 / A21.10 OR ASME B16.1.

   b. SCHEDULE 80 POLYVINYL CHLORIDE (PVC) PIPE AND FLANGED FITINGS CONFORMING TO ASTM D1784. FLANGES SHALL BE 150 PSI, PER ANSI / ASME B16.5.

VENT PIPE THROUGH ROOF
FURNISH & INSTALL VENT PIPE THRU ROOF PER CODE & ROOFING CONTRACTOR'S REQUIREMENTS TO MAINTAIN ROOF WARRANTY. COORDINATE WORK WITH ROOFING CONTRACTOR PRIOR TO BEGINNING ANY ROOF WORK. PLUMBING CONTRACTOR SHALL PAY ALL FEES.

DOMESTIC WATER PIPING
GENERAL: PROVIDE PIPING AND FITTINGS IN ACCORDANCE WITH THE FOLLOWING LISTING:

1. WATER SERVICE PIPING:

   a. SCHEDULE 80 CHLORINATED POLYVINYL CHLORIDE (CPVC) PIPE CONFORMING TO ASTM F441. FITTINGS SHALL BE CPVC, SOLVENT CEMENT TYPE CONFORMING TO ASTM F439.
   b. DUCTILE IRON WATER PIPE, CLASS 53 (OR AS REQUIRED BY THE AHJ), AND RESTRAINED-JOINT FITTINGS CONFORMING TO AWWA C151 OR AWWA C115.

2. WATER DISTIBUTION PIPING:

   a. COPPER OR COPPER-ALLOY PIPE OR TUBING, TYPE "L", CONFORMING TO ASTM B75, ASTM B88, ASTM B251 OR ASTM B447. FITTINGS SHALL BE COPPER OR COPPER-ALLOY CONFORMING TO ASME B16.15, ASME B16.18, ASME B16.22, ASME B16.23, ASME B16.26 OR ASME B16.29.

   b. CHLORINATED POLYVINYL CHLORIDE (CPVC) PLASTIC PIPE OR TUBING, CONFORMING TO ASTM D2486, ASTM F441 OR ASTM F442. FITTINGS SHALL BE CPVC CONFORMING TO ASTM F437, ASTM F438 OR ASTM F439.

   c. COPPER AND COPPER-ALLOY PRESS FITTINGS SHALL CONFORM TO MATERIAL REQUIREMENTS OF ASME B16.18 OR ASME B16.22 AND PERFORMANCE CRITERIA OF IAPMO PS 117. SEALING ELEMENTS FOR PRESS FITTINGS SHALL BE EPDM. PRESS END SHALL HAVE SMART CONNECT FEATURE DESIGN IN 1/2" TO 4" PIPE SIZES.

   d. MANUFACTURERS: VIEGA, PROPRESS, OR APPROVED EQUAL.

ESCUTCHEON PLATES
INSTALL ONE PIECE CHROME PLATED BRASS WALL PLATE EQUIPPED WITH SET SCREW AROUND ALL EXPOSED PIPE PASSING THROUGH WALLS.

NATURAL GAS PIPING
REFER TO PLANS FOR NATURAL GAS PIPING LAYOUT AND MATERIALS SPECIFICATIONS.

NATURAL GAS PIPE MATERIAL: STEEL PIPE, ASTM A53/A53M, BLACK STEEL, SCHEDULE 40.

NATURAL GAS PIPE FITTINGS:MALLEABLE IRON, THREADED FITTINGS, 2" AND SMALLER. ASTM B16.3. CLASS 150, STANDARD PATTERN.

NATURAL GAS PIPE HANGERS: SHALL CONFORM TO REQUIREMENTS OF MSS SP-58 AND SHALL BE SPACED IN ACCORDANCE WITH IFGC SECTION 415.

NATURAL GAS PIPING SHALL BE PAINTED WITH EPOXY YELLOW PAINT, WHERE EXPOSED TO THE THE ELEMENTS, OUTDOORS.

CONNECTIONS
INSTALL UNIONS ADJACENT TO EACH VALVE AND AT FINAL CONNECTION TO EACH PIECE OF EQUIPMENT. INSTALL DIELECTRIC COUPLINGS TO CONNECT PIPING MATERIALS OF DISSIMILAR METALS. PROVIDE THREADED STEEL PIPING UP TO AND INCLUDING 1-1/2".

HANGERS & SUPPORTS
THE PLUMBING CONTRACTOR SHALL FURNISH ALL PIPE SUPPORTS REQUIRED FOR HIS/HER EQUIPMENT AND MATERIAL. ALL HORIZONTAL RUNS OF PIPING SHALL BE SUPPORTED BY PIPE HANGERS SPACED NOT MORE THAN 10 FEET O.C. FOR PIPES 1-1/4" AND LARGER, AND 8 FEET O.C. FOR PIPES SMALLER THAN 1-1/4" AND AT EACH JOINT FOR SOIL OR WASTE PIPE. ADDITIONAL SUPPORTS SHALL BE PROVIDED WHERE REQUIRED TO PREVENT SAGGING OR AS REQUIRED BY MANUFACTURER'S SPECIFICATION AND CODE REQUIREMENTS. HANGERS AND PIPE ATTACHMENTS TO BE FACTORY FABRICATED WITH GALVANIZED COATINGS.

CLEANOUTS
PROVIDE ZURN OR EQUIVALENT FLOOR AND WALL CLEAN OUTS, AS INDICATED ON THE DRAWINGS OR WHERE REQUIRED IN ALL DRAIN LINES. IN AREAS WITH CERAMIC TILE OR CARPETED FLOORING, PROVIDE CLEAN OUTS WITH SQUARE, ADJUSTABLE, NICKEL BRONZE TOPS. IN AREAS WITH RESILIENT FLOORING, PROVIDE CLEAN OUTS WITH SQUARE, ADJUSTABLE, NICKEL BRONZE TOPS WITH TILE RECESS. CLEAN OUTS SHALL BE SAME SIZE AS PIPE, EXCEPT CLEAN OUTS LARGER THAN 4" WILL NOT BE REQUIRED. WHERE CLEAN OUTS OCCUR IN WALLS OF FINISHED AREAS, THEY SHALL BE CONCEALED BEHIND CHROME PLATED ACCESS COVERS.

INSTALLATION
INSTALL PIPING FREE OF SAGS AND BENDS. INSTALL FITTINGS FOR CHANGES IN DIRECTION AND BRANCH CONNECTIONS. INSTALL SLEEVES FOR PIPES PASSING THROUGH CONCRETE AND MASONRY WALLS, GYPSUM-BOARD PARTITIONS, CONCRETE FLOOR AND ROOF SLABS. CAULK AND SEAL PIPE PENETRATIONS, THROUGH RATED CONSTRUCTION, WITH FIRE STOPPING SEALANT MATERIAL. UNDERGROUND WATER AND SEWER LINES SHALL BE LAID IN SEPARATE TRENCHES WITH A MINIMUM HORIZONTAL SPACING, AS REQUIRED BY CODE. EXCAVATED TO THE PROPER DEPTH AND GRADED TO PRODUCE THE REQUIRED FALL.

TESTING
DOMESTIC WATER, DRAIN, WASTE & VENT PIPING SHALL BE TESTED & APPROVED BY INSPECTOR PRIOR TO BEING BACKFILLED, CONCEALED & PUT INTO SERVICE. AFTER TESTING IS COMPLETE & APPROVED, THE PLUMBING CONTRACTOR SHALL DISINFECT THE POTABLE WATER SYSTEM AS REQUIRED BY LOCAL AUTHORITY. TEST WATER PURITY ACCORDING TO LOCAL REQUIREMENTS AND SUBMIT CERTIFIED TEST RESULTS TO ENGINEER FOR REVIEW AND APPROVAL.

VALVES - GENERAL
PLUMBING CONTRACTOR SHALL PROVIDE VALVES WHERE INDICATED ON PLANS AND AS NECESSARY FOR PROPER SYSTEM OPERATION AND COMPONENT ISOLATION. INSTALL VALVES FOR EACH FIXTURE AND ITEM OF EQUIPMENT. PROVIDE BRAIDED STAINLESS STEEL HOSE (UNLESS OTHERWISE NOTED) BETWEEN VALVE AND EQUIPMENT/FIXTURE, IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. LOCATE SHUT-OFF VALVES ADJACENT TO EQUIPMENT FOR EASY ACCESS, SUCH THAT VALVES CAN BE REACHED WITHOUT MOVING EQUIPMENT.

VALVES
PROVIDE VALVES FOR WORKING PRESSURE IN WATER PIPING OF 125 PSI OR GREATER. UNLESS NOTED OTHERWISE, VALVES SHALL BE AS FOLLOWS:

VALVE TYPE	MANUFACTURER
BALL VALVE	APOLLO, NIBCO OR EQUIVALENT
BUTTERFLY VALVE	APOLLO, NIBCO OR EQUIVALENT
CHECK VALVE	APOLLO, NIBCO OR EQUIVALENT
GLOBE VALVE	APOLLO, NIBCO OR EQUIVALENT
GATE VALVE	APOLLO, NIBCO OR EQUIVALENT
TEMP. & PRESSURE RELIEF	WATTS OR EQUIVALENT
BACKFLOW PREVENTOR	WATTS OR EQUIVALENT
VACUUM RELIEF VALVE	WATTS OR EQUIVALENT
PRESSURE REDUCING VALVE	WATTS OR EQUIVALENT
TRAP SEAL PRIMER	J.R. SMITH OR EQUIVALENT
THERMOSTATIC MIXING VALVE	WATTS, POWERS, LAWLER, OR EQUIVALENT

WATER PIPING INSULATION
PROVIDE THERMAL INSULATION ON ALL COLD & HOT WATER PIPING WITH SELF-SEALING CLOSED CELL ELASTOMERIC FOAM OR PREMOLDED FIBERGLASS PIPE COVERING, WITH ALL-SERVICE JACKET. PROVIDE A CONTINUOUS VAPOR TIGHT SEAL. INSULATION SHALL BE CONTINUOUS THROUGH ALL WALLS AND FLOORS. NFPA FIRE HAZARD RATING FOR INSULATION, ADHESIVES, SEALERS, AND COATINGS SHALL NOT EXCEED 25 FOR FLAME SPREAD AND 50 FOR SMOKE DEVELOPED, UNLESS OTHERWISE REQUIRED BY THE LOCAL AUTHORITY OR ENERGY CODES. THE MINIMUM INSULATION THICKNESS SHALL BE AS FOLLOWS:

PIPE SIZE	INSULATION THICKNESS
1" DIA. OR LESS	3/4"
1" - 2" DIA.	1"
2" DIA. OR GREATER	1-1/2"

DOMESTIC WATER HEATERS
PROVIDE DOMESTIC WATER HEATERS, AS REQUIRED. REFER TO WATER HEATER SCHEDULE, ON PLUMBING DRAWINGS, FOR EQUIPMENT DESCRIPTIONS, FUEL TYPE, MANUFACTURERS AND MODEL NUMBERS. ANCILLARY RELATED PLUMBING COMPONENTS MAY BE FOUND ON THE PLUMBING SCHEDULES DRAWING(S).

INLINE DOMESTIC WATER PUMPS
PROVIDE INLINE DOMESTIC WATER PUMP, IN DOMESTIC HOT WATER RECIRCULATION SYSTEM(S), AS REQUIRED. REFER TO RECIRCULATING PUMP SCHEDULE, ON PLUMBING DRAWINGS, FOR EQUIPMENT DESCRIPTIONS, MANUFACTURERS AND MODEL NUMBERS.

CONTRACTOR NOTE

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PLUMBING SPECIFICATIONS

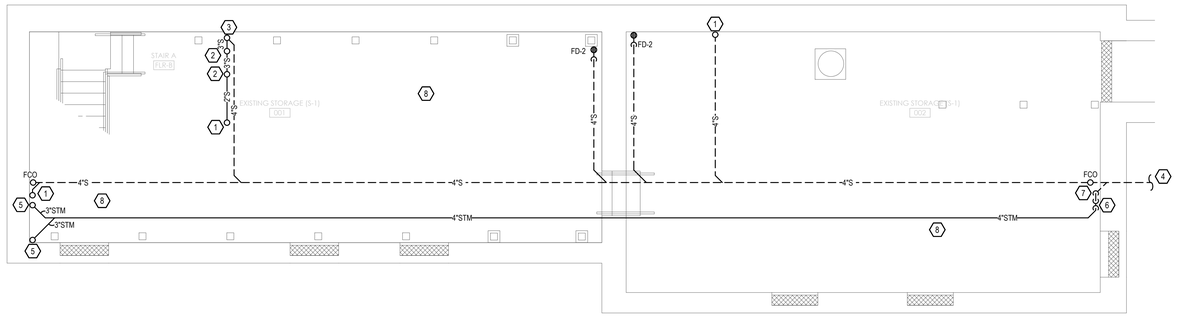
P0.1

GENERAL NOTES:

A. RUN ALL OVERHEAD UTILITY PIPING AS HIGH AS POSSIBLE AND OUT OF THE MAIN EGRESS PATHS. MINIMUM BASEMENT HEAD CLEARANCE OF 7'-0". REFER TO ARCHITECTURAL DRAWINGS FOR MORE INFORMATION.

PLAN NOTES:

1. 2" SANITARY FROM FLOOR ABOVE.
2. 3" SANITARY FROM FLOOR ABOVE.
3. 4" SANITARY DOWN TO BELOW FINISHED FLOOR.
4. 4" SANITARY EXIT. INVERT ELEVATION = 3.0' BELOW FINISHED FLOOR. PLUMBING CONTRACTOR TO COORDINATE EXIT WITH LOCATION OF SANITARY MAIN ON VINE STREET.
5. NEW 3" STORM PIPING FROM DOWNSPOUT.
6. PROVIDE MASTER TRAP FOR STORM PIPING CONNECTION.
7. 4" STORM PIPE DOWN TO BELOW GRADE.
8. THESE CONSTRUCTION DOCUMENTS SHOW ALL NEW UNDERGROUND STORM AND SANITARY PIPING. IT MAY BE POSSIBLE TO REUSE SOME PORTIONS OF THE EXISTING UNDERGROUND PIPING SYSTEMS. PRIOR TO START OF CONSTRUCTION, ALL EXISTING SANITARY AND STORM PIPING TO BE SCOPED. CONTRACTOR SHALL PROVIDE A REPORT, UPON COMPLETION OF SCOPING, TO SUMMARIZE THE LOCATION, SIZE, INVERT ELEVATIONS, AND CONDITION OF ALL UNDERGROUND PIPING SYSTEMS.



BASEMENT SANITARY PLAN | 1
1/4" = 1'-0" | P1.0

NORTH

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BASEMENT SANITARY PLAN

P1.0

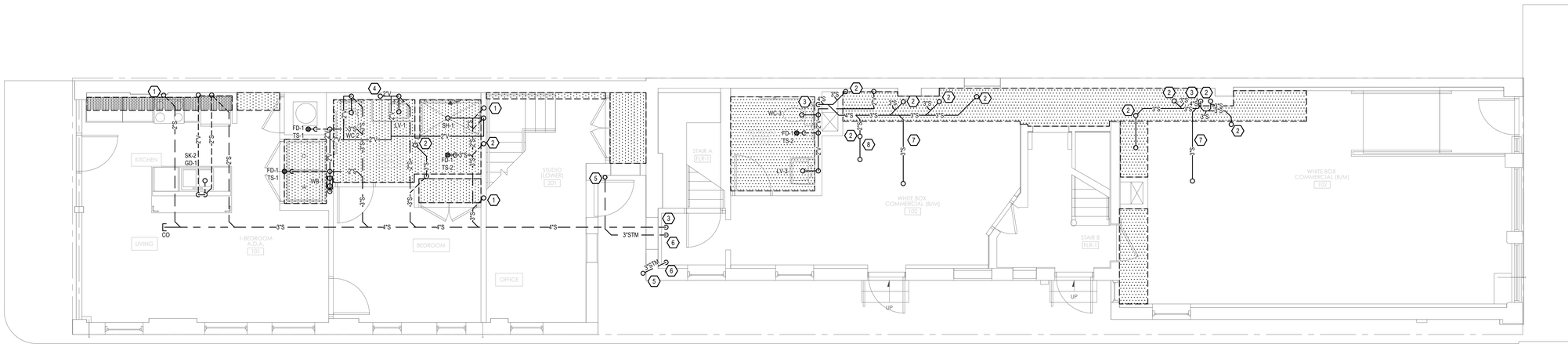
GENERAL NOTES:

A. HATCHED AREAS INDICATED LOWERED CEILINGS. REFER TO ARCHITECTURAL DRAWINGS FOR MORE INFORMATION.

B. PLUMBING CONTRACTOR TO PROVIDE DRAIN PAN FOR ALL WATER HEATERS AND WASHERS.

PLAN NOTES:

1. 2" SANITARY FROM FLOOR ABOVE.
2. 3" SANITARY FROM FLOOR ABOVE.
3. 4" SANITARY DOWN TO FLOOR BELOW.
4. 2" VENT UP TO FLOOR ABOVE.
5. NEW STORM PIPING TO DOWNSPOUT.
6. STORM PIPING DOWN TO FLOOR BELOW.
7. ROUTE SANITARY PIPING IN FLOOR JOIST SPACES. COORDINATE PIPE ROUTING WITH OTHER TRADES.
8. PROVIDE LOW PROFILE TRAP FOR ABOVE FIXTURE. ROUTE SANITARY PIPING IN FLOOR JOIST SPACES. COORDINATE PIPE ROUTING WITH OTHER TRADES.



FIRST FLOOR SANITARY PLAN | 1
1/4" = 1'-0" | P1.1

NORTH

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FIRST FLOOR SANITARY PLAN

P1.1

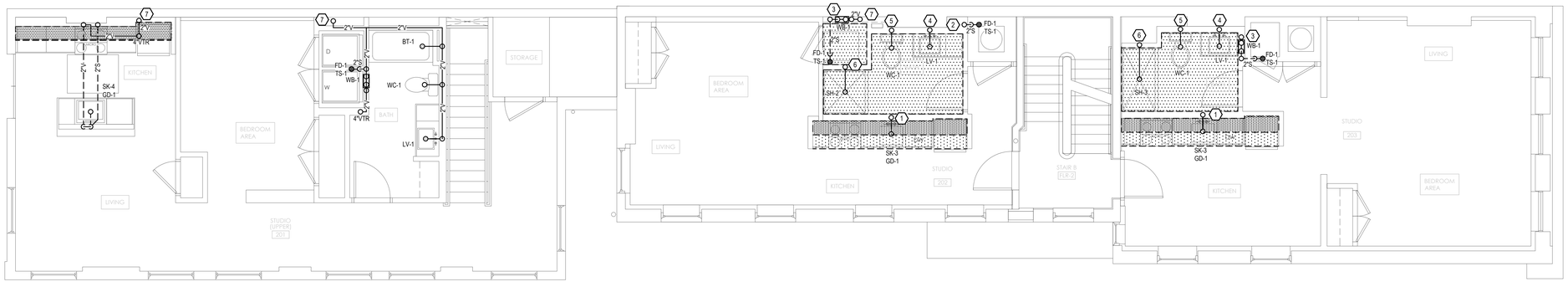
GENERAL NOTES:

A. HATCHED AREAS INDICATED LOWERED CEILINGS. REFER TO ARCHITECTURAL DRAWINGS FOR MORE INFORMATION.

B. PLUMBING CONTRACTOR TO PROVIDE DRAIN PAN FOR ALL WATER HEATERS AND WASHERS.

PLAN NOTES:

1. WASTE STACK VENT SERVING KITCHEN SINK. REFER TO SANITARY ISOMETRICS FOR SIZING BETWEEN FLOORS.
2. WASTE STACK VENT SERVING FLOOR DRAIN. REFER TO SANITARY ISOMETRICS FOR SIZING BETWEEN FLOORS.
3. WASTE STACK VENT SERVING FLOOR DRAIN / WASHER BOX COMBINATION. REFER TO SANITARY ISOMETRICS FOR SIZING BETWEEN FLOORS. MOUNT WASHER BOX AT +48" ABOVE FINISHED FLOOR.
4. WASTE STACK VENT SERVING LAVATORY. REFER TO SANITARY ISOMETRICS FOR SIZING BETWEEN FLOORS.
5. WASTE STACK VENT SERVING WATER CLOSET. REFER TO SANITARY ISOMETRICS FOR SIZING BETWEEN FLOORS.
6. WASTE STACK VENT SERVING SHOWER. REFER TO SANITARY ISOMETRICS FOR SIZING BETWEEN FLOORS.
7. 2" VENT UP TO FROM FLOOR BELOW.



SECOND FLOOR SANITARY PLAN | 1
1/4" = 1'-0" | P1.2

NORTH

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SECOND FLOOR SANITARY PLAN

P1.2

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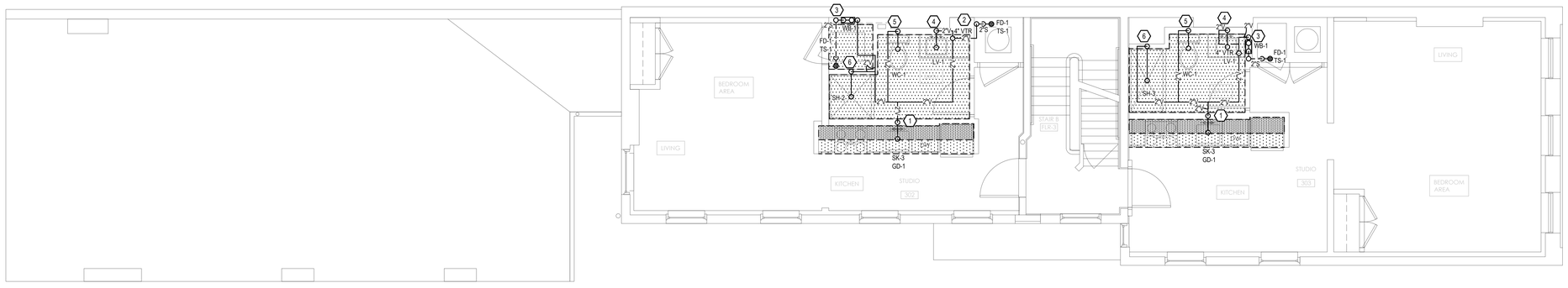

THIRD FLOOR SANITARY PLAN | 1
1/4" = 1'-0" | P1.3

NORTH

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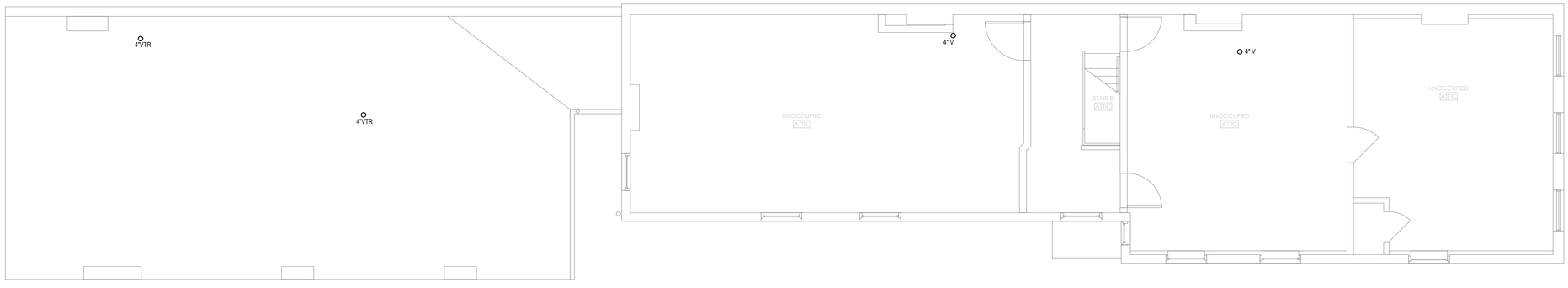
THIRD FLOOR SANITARY PLAN

P1.3



ATTIC SANITARY PLAN | 1
1/4" = 1'-0" | P1.4

NORTH

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ATTIC SANITARY PLAN

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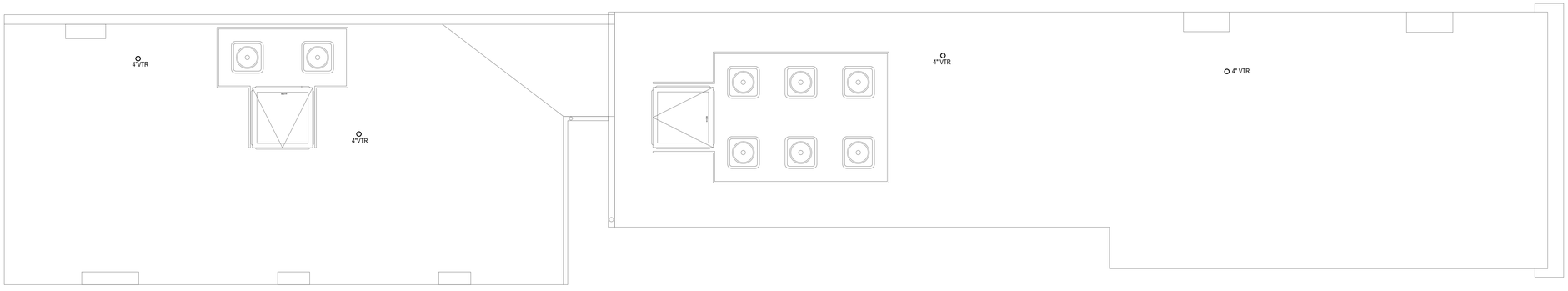

ROOF SANITARY PLAN | 1
1/4" = 1'-0" | P1.5

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ROOF SANITARY PLAN

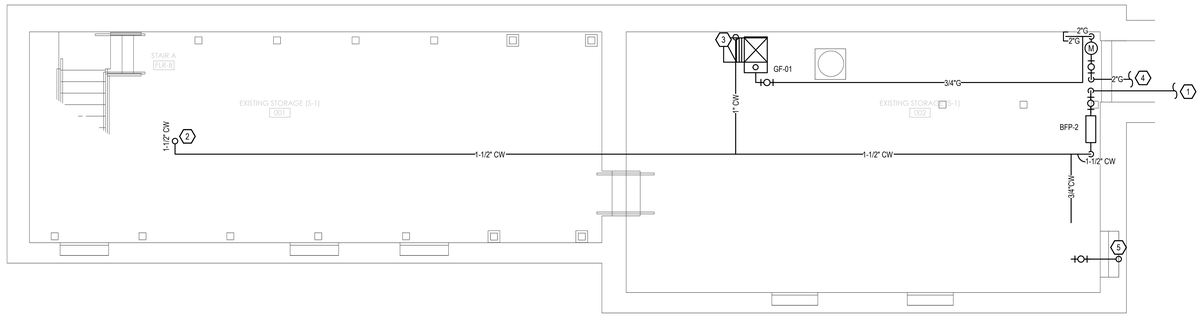
P1.5

GENERAL NOTES:

A. RUN ALL OVERHEAD UTILITY PIPING AS HIGH AS POSSIBLE AND OUT OF THE MAIN EGRESS PATHS. MINIMUM BASEMENT HEAD CLEARANCE OF 7'-0". REFER TO ARCHITECTURAL DRAWINGS FOR MORE INFORMATION.

PLAN NOTES:

1. NEW COMBINED WATER SERVICE BY OTHERS. PLUMBING CONTRACTOR TO CONNECT NEW BFP TO 1-1/2" TAP FROM COMBINED SERVICE.
2. 1-1/2" COLD WATER UP TO FLOOR ABOVE.
3. 1" COLD WATER UP TO FLOOR ABOVE.
4. NEW 2" GAS SERVICE TO REPLACE EXISTING GAS SERVICE.
5. 3/4" COLD WATER UP TO FWH-1.



BASEMENT WATER & GAS PLAN | 1
1/4" = 1'-0" | P2.0

NORTH

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BASEMENT WATER & GAS PLAN

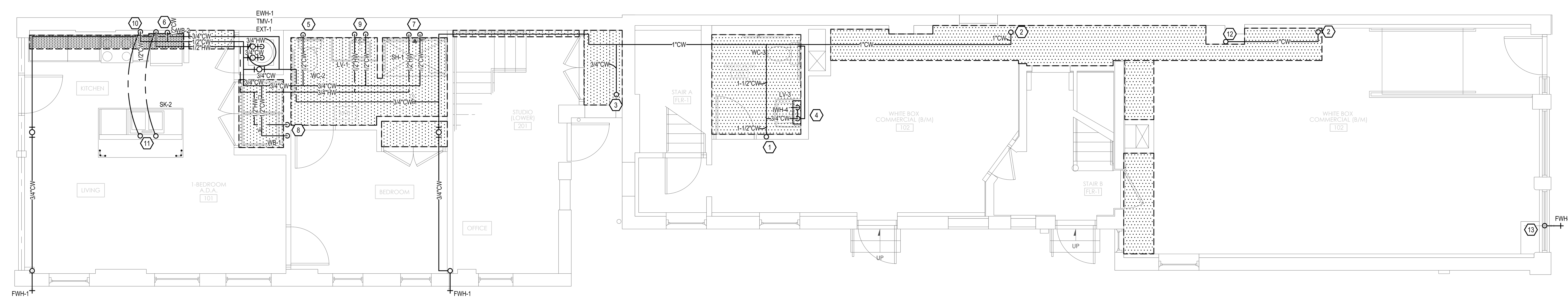
P2.0

GENERAL NOTES:

A. HATCHED AREAS INDICATED LOWERED CEILINGS. REFER TO ARCHITECTURAL DRAWINGS FOR MORE INFORMATION.

PLAN NOTES:

1. 1-1/2" COLD WATER FROM FLOOR BELOW.
2. 1" COLD WATER UP TO SERVE UNITS ABOVE.
3. 3/4" COLD WATER UP TO SERVE UNIT ABOVE.
4. 3/4" COLD WATER DOWN. ROUTE 1/2" COLD WATER TO LAVATORY AND WATER CLOSET. ROUTE 1/2" COLD WATER TO INSTANTANEOUS WATER HEATER. FROM INSTANTANEOUS WATER HEATER, ROUTE 1/2" HOT WATER TO LAVATORY.
5. 1/2" COLD WATER DOWN TO WATER CLOSET.
6. 1/2" COLD WATER DOWN TO ICE MAKER WALL BOX.
7. 1/2" HOT AND COLD WATER DOWN TO SHOWER.
8. 1/2" HOT AND COLD WATER DOWN TO WASHER BOX.
9. 1/2" HOT AND COLD WATER DOWN TO LAVATORY.
10. 1/2" HOT AND COLD WATER DOWN TO BELOW FINISHED FLOOR.
11. 1/2" HOT AND COLD WATER UP TO KITCHEN SINK. ROUTE 1/2" HOT WATER TO DISHWASHER.
12. 1" COLD WATER FROM FLOOR BELOW.
13. 3/4" COLD WATER UP TO FWH-1.



FIRST FLOOR WATER PLAN | 1
1/4" = 1'-0" | P2.1

NORTH

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FIRST FLOOR WATER PLAN

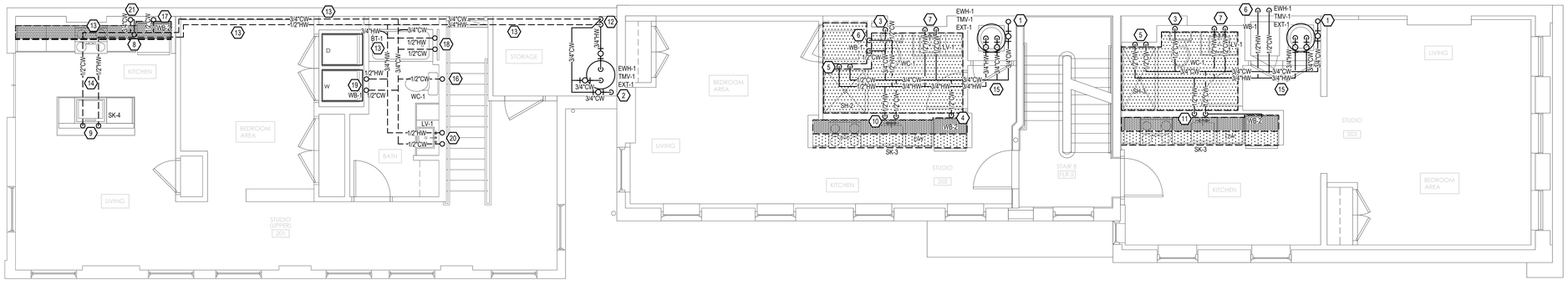
P2.1

GENERAL NOTES:

A. HATCHED AREAS INDICATED LOWERED CEILINGS. REFER TO ARCHITECTURAL DRAWINGS FOR MORE INFORMATION.

PLAN NOTES:

1. TYPICAL WATER RISER SERVING ONE BATH UNIT.
2. 3/4" COLD WATER UP FROM FLOOR BELOW.
3. 1/2" COLD WATER DOWN TO WATER CLOSET.
4. 1/2" COLD WATER DOWN TO ICE MAKER WALL BOX.
5. 1/2" HOT AND COLD WATER DOWN TO SHOWER / BATH TUB.
6. 1/2" HOT AND COLD WATER DOWN TO WASHER BOX.
7. 1/2" HOT AND COLD WATER DOWN TO LAVATORY.
8. 3/4" COLD WATER UP TO ROOF HYDRANT.
9. 1/2" HOT AND COLD WATER UP TO KITCHEN SINK. ROUTE 1/2" HOT WATER TO DISHWASHER.
10. 1/2" HOT AND COLD WATER DOWN TO KITCHEN SINK. ROUTE 1/2" HOT WATER TO DISHWASHER.
11. 1/2" HOT AND COLD WATER DOWN TO KITCHEN SINK. ROUTE 1/2" HOT WATER TO DISHWASHER AND 1/2" COLD WATER TO ICE MAKER WALL BOX.
12. 3/4" HOT AND COLD WATER DOWN TO BELOW FINISHED FLOOR.
13. ROUTE HOT AND COLD WATER PIPING BELOW FINISHED FLOOR, IN CEILING SPACE.
14. ROUTE HOT AND COLD WATER PIPING BELOW FINISHED FLOOR, IN FLOOR JOIST SPACES. COORDINATE PIPE ROUTING WITH OTHER TRADES.
15. ROUTE WATER PIPING IN LOWERED CEILING SPACE.
16. 1/2" COLD WATER UP TO WATER CLOSET.
17. 1/2" COLD WATER UP TO ICE MAKER WALL BOX.
18. 1/2" HOT AND COLD WATER UP TO SHOWER / BATH TUB.
19. 1/2" HOT AND COLD WATER UP TO WASHER BOX.
20. 1/2" HOT AND COLD WATER UP TO LAVATORY.
21. 3/4" COLD WATER UP TO CEILING SPACE.



SECOND FLOOR WATER PLAN | 1
1/4" = 1'-0" | P2.2

NORTH

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SECOND FLOOR WATER PLAN

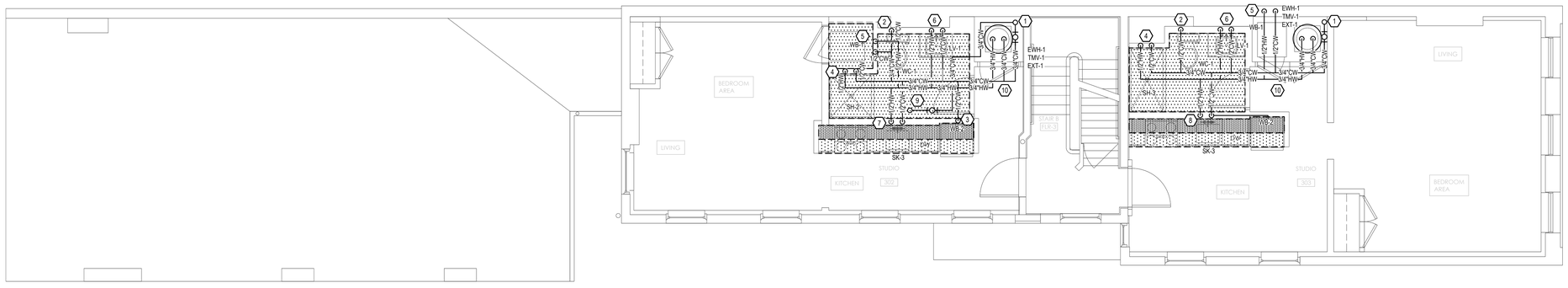
P2.2

GENERAL NOTES:

A. HATCHED AREAS INDICATED LOWERED CEILINGS. REFER TO ARCHITECTURAL DRAWINGS FOR MORE INFORMATION.

PLAN NOTES:

1. TYPICAL WATER RISER SERVING ONE BATH UNIT.
2. 1/2" COLD WATER DOWN TO WATER CLOSET.
3. 1/2" COLD WATER DOWN TO ICE MAKER WALL BOX.
4. 1/2" HOT AND COLD WATER DOWN TO SHOWER / BATH TUB.
5. 1/2" HOT AND COLD WATER DOWN TO WASHER BOX.
6. 1/2" HOT AND COLD WATER DOWN TO LAVATORY.
7. 1/2" HOT AND COLD WATER DOWN TO KITCHEN SINK. ROUTE 1/2" HOT WATER TO DISHWASHER.
8. 1/2" HOT AND COLD WATER DOWN TO KITCHEN SINK. ROUTE 1/2" HOT WATER TO DISHWASHER AND 1/2" COLD WATER TO ICE MAKER WALL BOX.
9. 3/4" COLD WATER UP TO FLOOR ABOVE.
10. ROUTE WATER PIPING IN LOWERED CEILING SPACE.



THIRD FLOOR WATER PLAN | 1
1/4" = 1'-0" | P2.3

NORTH

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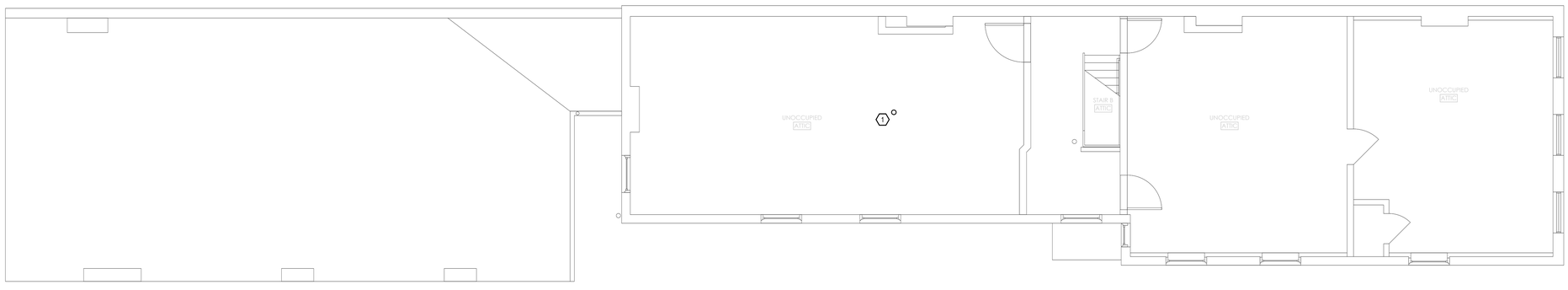
THIRD FLOOR WATER PLAN

P2.3

PLAN NOTES:

1. PROVIDE HEAT TRACE FOR 3/4" COLD WATER PIPE UP TO ROOF HYDRANT.



ATTIC WATER PLAN | 1
1/4" = 1'-0" | P2.4

NORTH

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ATTIC WATER PLAN

P2.4

ROOF WATER PLAN | 1
1/4" = 1'-0" | P2.5

NORTH

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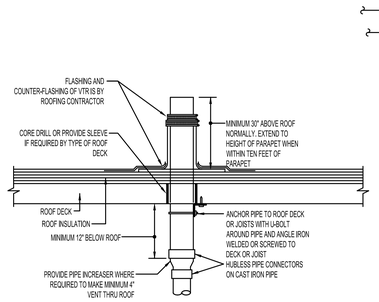
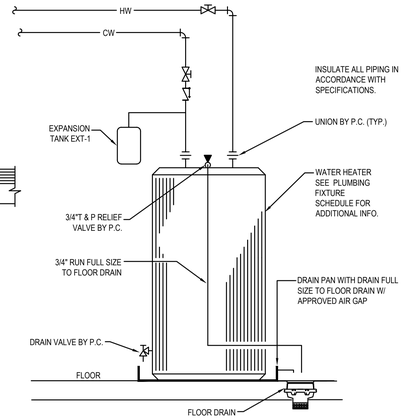
ROOF WATER PLAN

P2.5

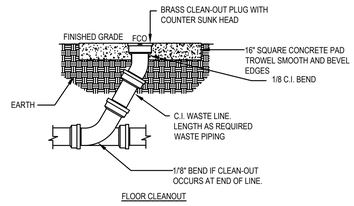


REFER TO PLANS FOR VTR PIPE SIZES AND LOCATIONS. LOCATE VTR MINIMUM THREE FEET FROM PROPERTY LINE, OR TEN FEET HORIZONTAL OR THREE FEET VERTICAL ABOVE ANY BUILDING OPENING OR FRESH AIR INTAKE, OR ONE FOOT FROM ANY VERTICAL SURFACE. LOCATE VTR MINIMUM 18" FROM PARAPET, EXPANSION JOINT, EQUIPMENT CURB, ETC. OFFSET IN CEILING SPACE WHERE REQUIRED TO MEET THESE CONDITIONS.

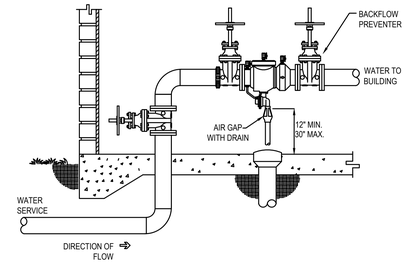
VENT THROUGH ROOF DETAIL | 7
NTS | P5.0



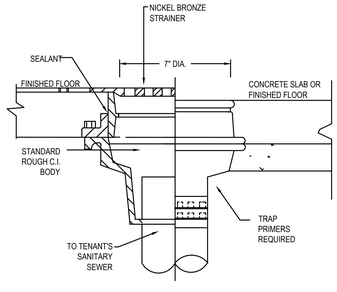
ELECTRIC WATER HEATER DETAIL | 6
NTS | P5.0



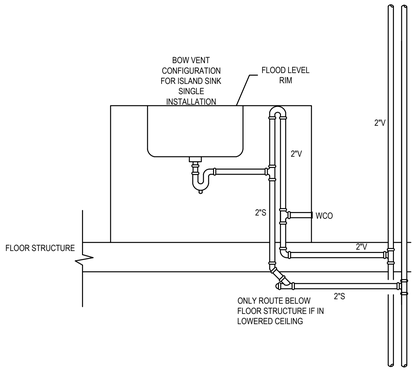
CLEANOUT DETAILS | 5
NTS | P5.0



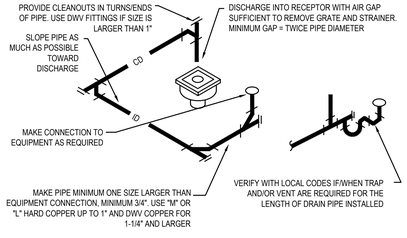
BACKFLOW PREVENTER DETAIL | 4
NTS | P5.0



FLOOR DRAIN DETAIL | 3
NTS | P5.0



ISLAND SINK DETAIL | 2
NTS | P5.0



** NOTE **

SECURELY ATTACH DRAIN PIPE TO EQUIPMENT (PREFERRED), OR TO FLOOR USING METAL THREADED STANCHIONS OR IN ANOTHER APPROVED MANNER TO PREVENT DRAIN PIPE FROM BEING SHIFTED OR DAMAGED.

INDIRECT CONDENSATE DRAIN DETAIL | 1
NTS | P5.0

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PLUMBING DETAILS

P5.0

SPECIALTIES SCHEDULE

TAG	FIXTURE	DESCRIPTION	PIPING CONNECTIONS INLET	PIPING CONNECTIONS OUTLET	LOCATION	REFERENCE PRODUCT	ACCEPTABLE EQUALS
EXT-1	EXPANSION TANK 2.0 GALLON	SHELL FABRICATED STEEL TO MEET ASME SECT VIII DIV 1 DIAPHRAGM BLADDER, MAXIMUM WORKING PRESSURE IS 150 PSIG, MAXIMUM ALLOWABLE WORKING TEMPERATURE IS 200 F MAX	3/4"	-	WATER HEATERS	AMTROL ST-5	JR SMITH TACO WATTS

NATURAL GAS EQUIPMENT SCHEDULE

PROJECT NAME: 1633 VINE STREET		PES PROJ. NO.:	22192
PROJECT ADDRESS: 1633 VINE STREET, CINCINNATI, OHIO 45202			
TOTAL EQUIVALENT LENGTH OF PIPE (IN FEET):	30	PRESSURE DROP:	0.3" W.C.
DELIVERY PRESSURE (PSI or IN. W.C.):	7" W.C.	SPECIFIC GRAVITY:	0.60
PIPING MATERIAL:	Sch 40 Black Steel	GAS TYPE:	NATURAL

EQUIPMENT	MIN. REQ. PRESSURE	LOAD (BTU/HR) NEW	LOAD (BTU/HR) EXISTING	LOAD (BTU/HR) REMOVED
GF-01	7" W.C.	80,000	0	0
TOTAL LOADS (BTU/HR)		80,000	0	0
OLD TOTAL (EXISTING AND REMOVED)		0		
NEW GRAND TOTAL (EXISTING AND NEW)		80,000		
NEW GRAND TOTAL IN CFH		80		

PLUMBING FIXTURE SCHEDULE

TAG	FIXTURE	DESCRIPTION	FAUCETS/ FITTINGS	TRIM	ACCESSORIES	REFERENCE PRODUCT	ACCEPTABLE EQUALS
*BT-1	BATH TUB 60"x30"	SOLID VIKRELL MATERIAL, HIGH GLOSS FINISH, 2" WAINSCOT/TILE LEDGE, 18" BATH DEPTH, PRESSURE BALANCING VALVE, SINGLE LEVEL HANDLE	BATH SPOUT: KOHLER BANCROFT K-10588 HANDSHOWER: KOHLER BANCROFT K-22176-G	TRANSFER VALVE: KOHLER K-T10595-4 TEMP VALVE: KOHLER K-TS10584-4	TRANSFER VALVE: KOHLER K-737-K-NA TEMP VALVE: KOHLER K-8304-K-NA	STERLING ENSEMBLE 71171110 LEFT HAND DRAIN 711711120 RIGHT HAND DRAIN	AMERICAN STANDARD ELJER
FCO	FLOOR CLEANOUT	ADJUSTABLE LEVELING FLOOR CLEANOUT, DURA-COATED CAST IRON BODY WITH GAS AND WATER TIGHT ABS TAPERED THREAD PLUG, ROUND SCORIATED SECURED TOP, NO HUB CONNECTION				ZURN Z1400-BZ-NH	JR SMITH WADE WATTS
FD-1	FLOOR DRAIN FINISHED AREAS	DURA-COATED CAST IRON BODY WITH BOTTOM OUTLET, NICKEL BRONZE TOP, COMBINATION INVERTIBLE MEMBRANE CLAMP AND ADJUSTABLE COLLAR WITH SEEPAGE SLOTS AND TOP ASSEMBLY, EZ1 DRAINAGE SERIES COMPRISED OF CONCRETE SHIELD UP TO 1" OF VERTICAL POST POUR ADJUSTMENT, 1 3/4" TO 3 1/4" EXTENSION ADAPTER AVAILABLE				ZURN Z415-BZ1	JR SMITH WADE WATTS
FD-2	FLOOR DRAIN UTILITY AREAS	DURA-COATED CAST IRON BODY WITH BOTTOM OUTLET, SEEPAGE PAN, MEMBRANE FLASHING CLAMP WITH SEEPAGE SLOTS, ADJUSTABLE EXTENSION FRAME WITH HEAVY-DUTY CAST IRON DEEP FLANGE SLOTTED GRATE				ZURN Z520-NH	JR SMITH WADE WATTS
FWH-1	FREEZEPROOF WALL HYDRANT ENCASED	ENCASED ECOLOTROL "ANTI-SIPHON" AUTOMATIC DRAINING WALL HYDRANT FOR FLUSH INSTALLATION, NON-FREEZE TYPE INTEGRAL BACKFLOW PREVENTER, BRONZE CASING, ALL BRONZE INTERIOR PARTS, WITH CYLINDER LOCK				ZURN Z1300-34UN-CL	JR SMITH WADE WATTS
GD-1	GARBAGE DISPOSER	HEAVY DUTY, 1/3 HP MOTOR, GALVANIZED STEEL GRINDING ELEMENTS, STAINLESS STEEL 360 DEGREE SWIVEL LUGS, SELF SERVICE WRENCH				IN-SINK-ERATOR BADGER 1	EAGLE KOHLER WASTE KING
LV-1	LAVATORY UNDERMOUNT RECTANGULAR	VITREOUS CHINA, UNDERMOUNT, 17" X 13-3/8" RECTANGULAR BOWL, WITH OVERFLOW, ADA COMPLIANT, PROVIDE PIPE PROTECTION IN ADA UNITS	KOHLER ELATE K-99491-4	McGUIRE 165		KOHLER VERTICYL K-8189	AMERICAN STANDARD ELJER
LV-2	LAVATORY WALL HUNG ADA	VITREOUS CHINA, WALL HUNG, FRONT OVERFLOW, CONCEALED ARM SUPPORTS, 8" OC FAUCET HOLES, FAUCET LEDGE, PROVIDE PIPE PROTECTION	KOHLER JULY K-98146-4	McGUIRE 165	TRUEBRO MODEL 102 TRAP WRAP KIT	KOHLER PINOIR K-2035-1	AMERICAN STANDRAD ELJER
RHY-1	SANITARY ROOF HYDRANT	ASSE 1057 LISTED, THE UNIT IS BACKFLOW PROTECTED WITH A FIELD TESTED ASSE 1052 DOUBLE CHECK BACKFLOW PREVENTER, NO DRAIN LINE REQUIRED, 3/4" NPT FEMALE INLET CONNECTION, MAXIMUM WORKING PRESSURE - 100 PSI, MAXIMUM TEMPERATURE - 120 F				WOODFORD SRH-MS	JR SMITH WADE
SH-1	SHOWER ADA ROLL-IN UNIT	3/4" BARRIER FREE, CHANGE OF LEVEL THRESHOLD WITH PRE-LEVELED AND REINFORCED SHOWER BASE, TEXTURED FLOOR, ACYLIC, PROVIDE WITH GRAB BARS AND FOLDING SHOWER SEAT	KOHLER BANCROFT K-22176-G	KOHLER K-TS10584-4	KOHLER K-8304-K-NA	FREEDOM APF6238BFPAN	AMERICAN STANDARD FLORESTONE
SH-2	SHOWER PAN 42" x 42"	SOLID VIKRELL MATERIAL, HIGH GLOSS FINISH, PRESSURE BALANCING VALVE, SINGLE LEVEL HANDLE	KOHLER BANCROFT K-22176-G	KOHLER K-TS10584-4	KOHLER K-8304-K-NA	STERLING ENSEMBLE 72151100-0	AMERICAN STANDARD FLORESTONE
SH-3	SHOWER PAN 60" x 36"	SOLID VIKRELL MATERIAL, HIGH GLOSS FINISH, PRESSURE BALANCING VALVE, SINGLE LEVEL HANDLE	KOHLER BANCROFT K-22176-G	KOHLER K-TS10584-4	KOHLER K-8304-K-NA	STERLING ACCORD 72271100-0	AMERICAN STANDARD FLORESTONE
SK-1	SINK DOUBLE BOWL UNDERMOUNT 32"x18"x8" DP	18 GAUGE STAINLESS STEEL DOUBLE COMPARTMENT UNDERMOUNT SINK, SELF-RIMMING, HAND BLENDED SATIN FINISH, 3-1/2" DRAIN OPENING, HEAVY DUTY SOUND COATED UNDERSIDE	KOHLER K-596	McGUIRE 165		STERLING MCALLISTER 11444	JUST ELKAY AMERICAN STANDARD
SK-2	SINK DOUBLE BOWL UNDERMOUNT 33"x22"x6" DP	18 GAUGE STAINLESS STEEL DOUBLE COMPARTMENT UNDERMOUNT SINK, SELF-RIMMING, HAND BLENDED SATIN FINISH, 3-1/2" DRAIN OPENING, 3 HOLE PUNCH, 8" O.C. HEAVY DUTY SOUND COATED UNDERSIDE	KOHLER K-596	McGUIRE 165		ELKAY CROSSTOWN ECTSRAD33226TBG	JUST ELKAY AMERICAN STANDARD
SK-3	SINK SINGLE BOWL UNDERMOUNT 24"x18"x9" DP	18 GAUGE, 304 STAINLESS STEEL SINGLE COMPARTMENT UNDERMOUNT SINK, ROUNDED BOWL, 3-1/2" DRAIN OPENING, UNIQUE SOUND-DEADENING SYSTEM, UPC CERTIFIED	KOHLER K-596	McGUIRE 165		KOHLER VAULT K-3894	JUST ELKAY AMERICAN STANDARD
SK-4	SINK SINGLE BOWL UNDERMOUNT 27"x18"x9" DP	18 GAUGE, 304 STAINLESS STEEL SINGLE COMPARTMENT UNDERMOUNT SINK, ROUNDED BOWL, 3-1/2" DRAIN OPENING, UNIQUE SOUND-DEADENING SYSTEM, UPC CERTIFIED	KOHLER K-596	McGUIRE 165		KOHLER CURSIVA K-RH-28176-1-NA	JUST ELKAY AMERICAN STANDARD
TMV-1	THERMOSTATIC MIXING VALVE MASTER CONTROLLER	THERMOSTATIC TYPE MASTER MIXING CONTROL VALVE, BRONZE BODY CONSTRUCTION WITH CORROSION RESISTANT COMPONENTS, SLIDING PISTON CONTROL MECHANISM, STAINLESS STEEL PISTON AND LINE, UNION END STOPS. ASSE 1017				LAWLER 66-80 40 GPM @ 10 PSI	LEONARD POWERS SYMMONS
TS-1	TRAP SEAL	WATERLESS INLINE 2" DRAIN TRAP SEAL, HDPE (HIGH DENSITY POLYETHYLENE) HOUSING WITH PROPRIETARY HEAVY DUTY SILICONE DIAPHRAGM AND SOFT EPDM RUBBER SEALING GASKET. FLOOR RATING ASSE 1072 AF GW				RECTORSEAL SS2009V	JR SMITH MIFAB ZURN
TS-2	TRAP SEAL	WATERLESS INLINE 3" DRAIN TRAP SEAL, HDPE (HIGH DENSITY POLYETHYLENE) HOUSING WITH PROPRIETARY HEAVY DUTY SILICONE DIAPHRAGM AND SOFT EPDM RUBBER SEALING GASKET. FLOOR RATING ASSE 1072 AF GW				RECTORSEAL SS3009V	JR SMITH MIFAB ZURN
WB-1	WALL BOX	PLASTIC WASHER WALL BOX, WITH SINGLE LEVER VALVE AND INTEGRAL HAMMER ARRESTERS, FIRE RATED, BOX IS PVC RESIN & INTUMESCENT PAD ATTACHED, 1/2" MIP / SWEAT CONNECTION, VALVES COMPLY WITH ASME A112.18.1, HAMMER ARRESTERS COMPLY WITH ASSE 1010				GUY GRAY FR12SS	
WB-2	WALL BOX	PLASTIC ICE MAKER OUTLET BOX, WITH LEAD FREE BRASS PLATED QUARTER-TURN BALL VALVE AND INTEGRAL HAMMER ARRESTER, FIRE RATED, BOX IS PVC RESIN & INTUMESCENT PAD ATTACHED, 1/2" MIP / SWEAT CONNECTION, VALVES COMPLY WITH NSF / ANSI 372 (ANNEX G) AND THE U.S. SAFE DRINKING WATER ACT				1 GUY GRAY FRIB12ABSHA	
WC-1	WATER CLOSET FLOOR MOUNT TANK TYPE	1 VITREOUS CHINA, TWO-PIECE, FLOOR MOUNT, TANK TYPE, 15 HIGH ELONGATED BOWL, CLOSE COUPLED TANK, FULLY GLAZED 2 1/8" TRAPWAY, 1.28 GAL PER FLUSH, POLISHED CHROME TRIP LEVER, 12" ROUGH IN			PROFLO PFTSE2000WH	KOHLER BOWL: K-5393 TANK: K-4436	PROFLO STERLING
WC-2	WATER CLOSET FLOOR MOUNT TANK TYPE - ADA	VITREOUS CHINA, TWO-PIECE, FLOOR MOUNT, TANK TYPE, 16 1/2" HIGH ELONGATED BOWL, CLOSE COUPLED TANK, FULLY GLAZED 2 1/8" TRAPWAY, 1 GAL PER FLUSH, POLISHED CHROME TRIP LEVER, 12" ROUGH IN			PROFLO PFTSE2000WH	KOHLER K-5298-RA	PROFLO STERLING
WC-3	WATER CLOSET FLOOR MOUNT TANK TYPE - ADA	VITREOUS CHINA, TWO-PIECE, FLOOR MOUNT, TANK TYPE, 16 1/2" HIGH ELONGATED BOWL, CLOSE COUPLED TANK, FULLY GLAZED 2 1/8" TRAPWAY, 1 GAL PER FLUSH, POLISHED CHROME TRIP LEVER, 12" ROUGH IN			PROFLO PFTSC0F2000WH	KOHLER K-5298-RA	PROFLO STERLING

NOTES:

*EXISTING BATHTUB FRAMING DIMENSIONS VARY. CONTRACTOR SHALL FIELD VERIFY EXISTING BATHTUB FRAMING DIMENSIONS AND PROVIDE BATHTUB TO FIT USING BT-1 SPECIFICATION AS BASIS OF DESIGN

BACKFLOW PREVENTER SCHEDULE

TAG	FIXTURE	DESCRIPTION	PIPING CONNECTIONS IN	PIPING CONNECTIONS OUT	PIPING CONNECTIONS DRAIN	MAX FLOW (GPM)	MAX PRESSURE LOSS (PSI)	DEVICE LOCATION	EQUIPMENT SERVES	REFERENCE PRODUCT	ACCEPTABLE EQUALS
BFP-2	REDUCED PRESSURE BACKFLOW PREVENTER	ASSE LISTED 1013, 304 STAINLESS STEEL MAIN BODY, TWO INDEPENDENTLY OPERATING SPRING LOADED CHECK VALVES, STAINLESS STEEL SPRINGS, DIAPHRAGM TYPE DIFFERENTIAL PRESSURE RELIEF VALVE, AIR GAP FITTING	1-1/2"	1-1/2"	2"	26	12	BUILDING 1633 BASMENT	BUILDING 1633	WATTS LF909	GRINNEL JOSAM WILKINS

ELECTRIC WATER HEATER SCHEDULE

TAG	FIXTURE	DESCRIPTION	PIPING CONNECTIONS CW	PIPING CONNECTIONS HW	ELECTRICAL REQUIREMENTS KW	VOLT	PH	HZ	TANK CAPACITY GALLONS	RECOVERY CAPACITY (GPH) GALLONS	TEMP	LOCATION	REFERENCE PRODUCT	ACCEPTABLE EQUALS
EWH-1	ELECTRIC WATER HEATER TANK TYPE RESIDENTIAL	GLASS LINED TANK, FOAM INSULATED, HEAVY DUTY ANODES, TANK MOUNTED HIGH LIMIT THERMOSTAT, ZINC PLATED COPPER SHEATH, DUAL SCREW-IN HEATING ELEMENTS, CABINET BONDERIZED UNDERCOAT WITH BAKED ENAMEL FINISH, T & P VALVE	3/4"	3/4"	4.5	208	1	60	40	21	90 DEG	ONE BATHROOM UNITS	AO SMITH ENJB-40	BRADFORD-WHITE RHEEM STATE
EWH-2	ELECTRIC WATER HEATER TANK TYPE RESIDENTIAL	GLASS LINED TANK, FOAM INSULATED, HEAVY DUTY ANODES, TANK MOUNTED HIGH LIMIT THERMOSTAT, ZINC PLATED COPPER SHEATH, DUAL SCREW-IN HEATING ELEMENTS, CABINET BONDERIZED UNDERCOAT WITH BAKED ENAMEL FINISH, T & P VALVE	3/4"	3/4"	4.5	208	1	60	50	21	90 DEG	TWO BATHROOM UNITS	AO SMITH ENL-50	BRADFORD-WHITE RHEEM STATE

NOTES:

A) DUAL ELEMENT HEATERS ARE NON-SIMULTANEOUS OPERATION.

INSTANTANEOUS WATER HEATER SCHEDULE

TAG	FIXTURE	DESCRIPTION	PIPING CONNECTIONS CW	PIPING CONNECTIONS HW	ELECTRICAL REQUIREMENTS KW	AMPS	VOLT	PH	HZ	TEMPERATURE RISE GPM	TEMP	LOCATION	REFERENCE PRODUCT	ACCEPTABLE EQUALS
IWH-4	ELECTRIC WATER HEATER INSTANTANEOUS SINGLE POINT	ELECTRIC INSTANTANEOUS WATER HEATER, ABS UL RATED COVER, GLASS REINFORCED "NORYL" HEATER BODY AND NI CHROME ELEMENT, REPLACEABLE ELEMENT CARTRIDGE 3/8" COMPRESSION PIPE FITTINGS, WALL MOUNT, WHITE COVER, 3 POUNDS	3/8"	3/8"	4.1	15	208	1	60	0.5	56 DEG	BUILDING 1633 RESTROOM	EEMAX SPEX4277	ARISTON BOSCH CHRONOMITE

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06.02.2023 ISSUE FOR PERMIT
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09.21.2023 OHFA PRELIM. SUBMISSION

PLUMBING SCHEDULES

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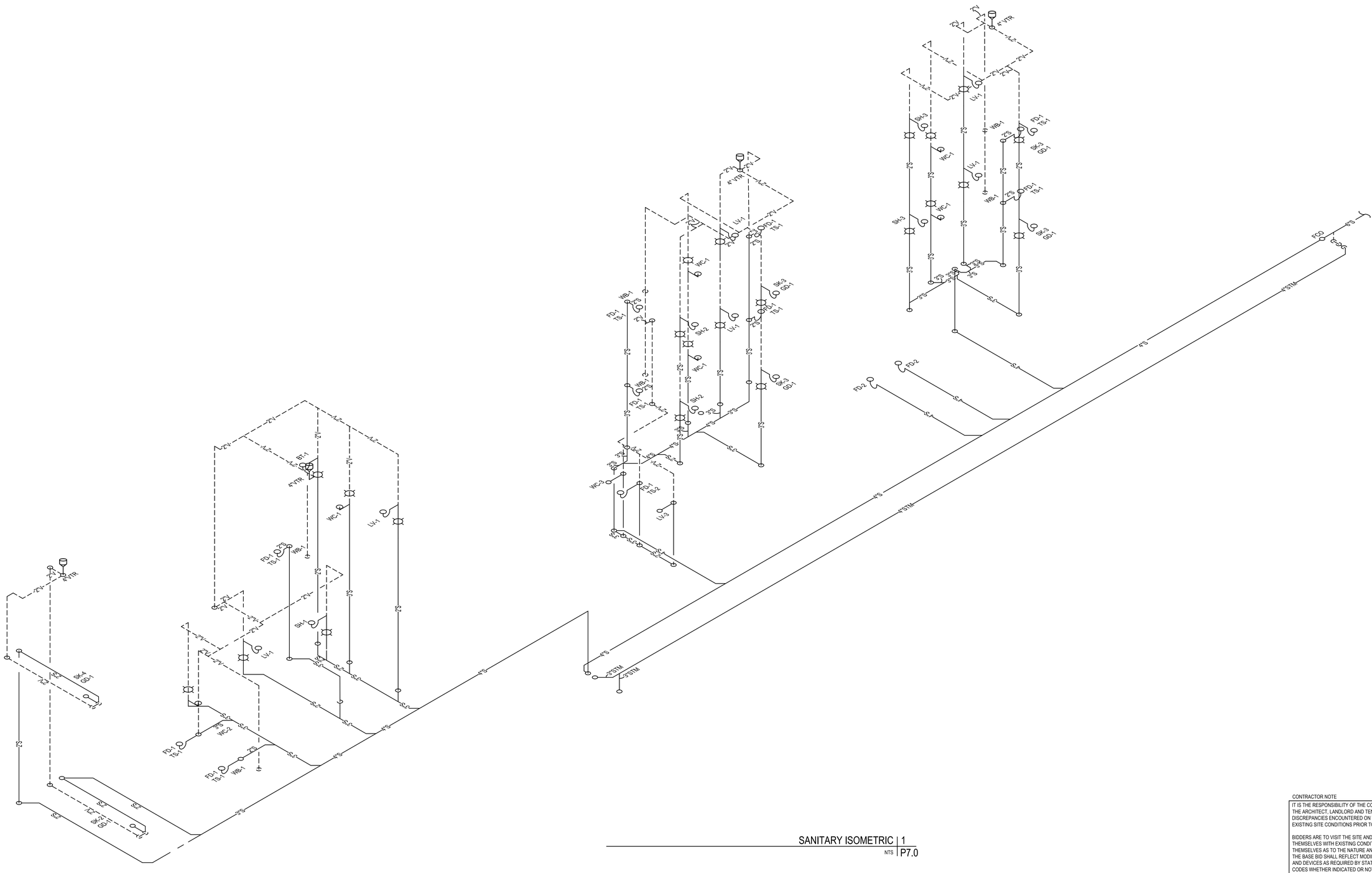

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1. GENERAL:

A. THE "GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION LATEST EDITION AND THESE SPECIFICATIONS AS APPLICABLE ARE PART OF THIS CONTRACT.

B. ALL APPLICABLE CODES, LAWS AND REGULATIONS GOVERNING OR RELATING TO ANY PORTION OF THIS WORK ARE HEREBY INCORPORATED INTO AND MADE A PART OF THESE SPECIFICATIONS, AND THEIR PROVISIONS SHALL BE CARRIED OUT BY THE CONTRACTOR WHO SHALL INFORM THE OWNER, PRIOR TO SUBMITTING A PROPOSAL, OF ANY WORK OR MATERIAL WHICH VIOLATES ANY OF THE ABOVE LAWS AND REGULATIONS. ANY WORK DONE BY THE CONTRACTOR CAUSING SUCH VIOLATION SHALL BE CORRECTED BY THE CONTRACTOR.

C. INVESTIGATE EACH SPACE THROUGH WHICH EQUIPMENT MUST BE MOVED. WHERE NECESSARY, EQUIPMENT SHALL BE SHIPPED FROM MANUFACTURER IN SECTIONS OF SIZE SUITABLE FOR MOVING THROUGH AVAILABLE RESTRICTIVE SPACES. ASCERTAIN FROM BUILDING OWNER AND TENANT AT WHAT TIMES OF DAY EQUIPMENT MAY BE MOVED THROUGH ALL AREAS.

D. DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF SYSTEMS AND WORK. PIPE ROUTING IS SHOWN DIAGRAMMATICALLY AND DOES NOT SHOW ALL OFFSETS, DROPS AND RISES OF RUNS. THE CONTRACTOR SHALL ALLOW IN HIS PRICE FOR ROUTING OF PIPE TO AVOID OBSTRUCTIONS. COORDINATION WITH THE EXISTING SERVICES, INCLUDING THOSE OF OTHER TRADES IS REQUIRED. MAINTAIN HEADROOM AND SPACE CONDITIONS.

E. INSTALL WORK SO AS TO BE READILY ACCESSIBLE FOR OPERATION, MAINTENANCE AND REPAIR. MINOR DEVIATIONS FROM DRAWINGS MAY BE MADE TO ACCOMPLISH THIS, BUT CHANGES WHICH INVOLVE EXTRA COST SHALL NOT BE MADE WITHOUT APPROVAL.

F. THE CONTRACTOR SHALL KEEP ALL EQUIPMENT AND MATERIALS, AND ALL PARTS OF THE BUILDING, EXTERIOR SPACES AND ADJACENT STREETS, SIDEWALKS AND PAVEMENTS, FREE FROM MATERIAL AND DEBRIS RESULTING FROM THE EXECUTION OF THIS WORK. EXCESS MATERIALS WILL NOT BE PERMITTED TO ACCUMULATE EITHER ON THE INTERIOR OR THE EXTERIOR.

G. SEAL OPENINGS THROUGH PARTITIONS, WALLS AND FLOORS WITH A U.L.-LISTED FIRESTOPPING ASSEMBLY MATCHED TO THE RATING OF THE PENETRATED ELEMENT.

H. PROVIDE ALL NECESSARY FLASHING AND COUNTER-FLASHING TO MAINTAIN THE WATERPROOFING INTEGRITY OF THIS BUILDING AS REQUIRED BY THE INSTALLATION OR REMOVAL OF PIPING AND EQUIPMENT. PROVIDE EQUIPMENT CURBS AS REQUIRED.

I. ALL PRESENT MATERIAL, EQUIPMENT AND CONSTRUCTION DEBRIS TO BE REMOVED UNDER THIS CONTRACT SHALL BECOME THE PROPERTY OF THE CONTRACTOR WITH THE EXCEPTION OF SPECIFIC EQUIPMENT AND APPARATUS REQUESTED BY THE BUILDING REPRESENTATIVE, ARCHITECT OR AS NOTED TO BE RELOCATED ON THE DRAWINGS. REMOVED EQUIPMENT SHALL BE PROPERLY DISPOSED OF BY THIS CONTRACTOR, OR AS DIRECTED BY THE OWNER.

J. MATERIALS AND WORKMANSHIP, UNLESS OTHERWISE NOTED, SHALL BE IN ACCORDANCE WITH BUILDING STANDARDS.

K. THE WORK IN THE BUILDING SHALL BE DONE WHEN AND AS DIRECTED, AND IN A MANNER SATISFACTORY TO THE OWNER. THE WORK SHALL BE PERFORMED SO AS TO CAUSE THE LEAST POSSIBLE INCONVENIENCE AND DISTURBANCE TO THE PRESENT OCCUPANTS.

L. THE CONTRACTOR'S PROPOSAL FOR ALL WORK SHALL BE PREDICATED ON THE PERFORMANCE OF THE WORK DURING REGULAR WORKING HOURS. WHEN SO DIRECTED, HOWEVER, THE CONTRACTOR SHALL INSTALL WORK IN OVERTIME AND THE ADDITIONAL COST TO BE CHARGED THEREFORE SHALL BE ONLY THE "PREMIUM" PORTION OF THE WAGES PAID.

M. UNLESS OTHERWISE SPECIFICALLY SPECIFIED, INCLUDE ALL CUTTING AND PATCHING OF EXISTING FLOORS, WALLS, PARTITIONS AND OTHER MATERIALS IN THE EXISTING BUILDING. THE CONTRACTOR SHALL RESTORE THESE AREAS TO ORIGINAL CONDITION.

N. ALL MATERIAL AND EQUIPMENT TO BE NEW UNLESS OTHERWISE NOTED AND SHALL BE IN ACCORDANCE WITH BUILDING STANDARDS.

1) ALL MATERIAL AND EQUIPMENT ON SITE SHALL BE PROPERLY STORED SUCH THAT IT IS PROTECTED FROM DAMAGE AND EXPOSURE TO OUTSIDE ELEMENTS.

S. SUBMISSION OF A PROPOSAL SHALL BE CONSTRUED AS EVIDENCE THAT A CAREFUL EXAMINATION OF THE PORTIONS OF THE EXISTING BUILDING, EQUIPMENT, ETC., WHICH AFFECT THIS WORK, AND THE ACCESS TO SUCH SPACES, HAS BEEN MADE AND THAT THE CONTRACTOR IS FAMILIAR WITH EXISTING CONDITIONS AND DIFFICULTIES THAT WILL AFFECT THE EXECUTION OF THE WORK. THE CONTRACTOR IS RESPONSIBLE TO INDICATE ANY DISCREPANCIES BETWEEN THE CONTRACT DRAWINGS AND ACTUAL FIELD CONDITIONS PRIOR TO SUBMITTAL OF BID. SUBMISSION OF A PROPOSAL WILL BE CONSTRUED AS EVIDENCE THAT SUCH AN EXAMINATION HAS BEEN MADE. LATER CLAIMS SHALL NOT BE MADE FOR LABOR, EQUIPMENT OR MATERIALS REQUIRED BECAUSE OF DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORESEEN DURING SUCH AN EXAMINATION. THE ON-SITE INSPECTION SHALL VERIFY EXISTING PIPE SIZES, CLEARANCES, ETC. AND CONDITIONS.

T. INSURANCE: PROVIDE IN ACCORDANCE WITH BUILDING REQUIREMENTS AND POLICY SHALL INCLUDE A HOLD HARMLESS CLAUSE FOR OWNER AND ENGINEER.

U. THE FINAL ACCEPTANCE WILL BE MADE AFTER THE CONTRACTOR HAS ADJUSTED HIS EQUIPMENT, TESTED THE VARIOUS SYSTEMS, DEMONSTRATED THAT IT FULFILLS THE REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS AND HAS FURNISHED ALL THE REQUIRED CERTIFICATES OF INSPECTION AND APPROVAL.

2. SCOPE OF WORK:

A. SCOPE OF WORK SHALL CONSIST OF PROVIDING LABOR, MATERIALS, EQUIPMENT, SERVICES AND FEES NECESSARY FOR COMPLETE AND SAFE INSTALLATION IN CONFORMITY WITH THE STATE OF JURISDICTION BUILDING CODE AND ALL OTHER APPLICABLE INDUSTRY, NATIONAL AND LOCAL CODES AND AUTHORITIES HAVING JURISDICTION, AS INDICATED ON DRAWINGS AND HEREIN SPECIFIED.

B. THE CONTRACTOR SHALL PROVIDE A COMPLETE FIRE PROTECTION SYSTEM DESIGN. THE CONTRACTOR SHALL PROVIDE SIGNED AND SEALED CONSTRUCTION DOCUMENTS AS REQUIRED FOR PERMITTING AND FOR CONSTRUCTION.

C. THE BASE BUILDING DRAWINGS, PLANS, DETAILS, SPECIFICATIONS AND SPECIFICATION ADDENDA ARE MADE PART OF THIS CONTRACT AND SHALL APPLY TO ALL WORK UNDER THE CONTRACT UNLESS OTHERWISE AMENDED, MODIFIED, SUPPLEMENTED OR SPECIFIED HEREIN.

D. THE CONTRACTOR SHALL FURNISH A WRITTEN GUARANTEE TO REPLACE OR REPAIR PROMPTLY AND ASSUME RESPONSIBILITY FOR ALL EXPENSES INCURRED FOR ANY WORKMANSHIP AND EQUIPMENT IN WHICH DEFECTS DEVELOP WITHIN ONE YEAR FROM THE DATE OF FINAL CERTIFICATE FOR PAYMENT AND/OR FROM DATE OR ACTUAL USE OF EQUIPMENT OR BENEFICIAL OCCUPANCY OF SPACES BY OWNER INCLUDED UNDER THE VARIOUS PARTS OF THE WORK, WHICHEVER DATE IS EARLIER. THIS WORK SHALL BE DONE AS DIRECTED BY THE OWNER. THIS GUARANTEE SHALL ALSO PROVIDE THAT WHERE DEFECTS OCCUR, THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR ALL EXPENSES INCURRED IN REPAIRING AND REPLACING WORK OF OTHER TRADES AFFECTED BY DEFECTS, REPAIRS OR REPLACEMENTS IN EQUIPMENT SUPPLIED BY THE CONTRACTOR.

E. THE CONTRACTOR SHALL GIVE NECESSARY NOTICE, FILE DRAWINGS AND SPECIFICATIONS WITH THE DEPARTMENT HAVING JURISDICTION, OBTAIN PERMITS OR LICENSES NECESSARY TO CARRY OUT THIS WORK AND PAY ALL FEES THEREFORE. THE CONTRACTOR SHALL ARRANGE FOR INSPECTION AND TESTS OF ANY OR ALL PARTS OF THE WORK IF SO REQUIRED BY AUTHORITIES AND PAY ALL CHARGES FOR SAME. THE CONTRACTOR SHALL PAY ALL COSTS FOR, AND FURNISH TO THE OWNER BEFORE FINAL BILLING, ALL CERTIFICATES NECESSARY AS EVIDENCE THAT THE WORK INSTALLED CONFORMS WITH ALL REGULATIONS WHERE THEY APPLY TO THIS WORK. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY AND REQUIRED SIGN-OFFS AND APPROVALS FOR THE WORK INSTALLED.

3. SHOP DRAWINGS

A. PRIOR TO THE INSTALLATION OF ANY WORK AND PROCUREMENT OF EQUIPMENT PROVIDE COMPLETE SET OF COORDINATED SHOP DRAWINGS OF ALL NEW AND EXISTING EQUIPMENT, INDICATING CAPACITY DIMENSIONS AND SEQUENCE OF OPERATION FOR WRITTEN APPROVAL BY THE ARCHITECT AND ENGINEER.

B. INDICATE ON EACH SHOP DRAWINGS SUBMITTED:

1) PROJECT NAME AND LOCATION.

2) NAME OF ARCHITECT AND ENGINEER.

3) ITEM IDENTIFICATION.

4) APPROVAL STAMP OF PRIME CONTRACTOR.

C. SUBMISSIONS:

1) SUBMISSIONS 11 IN. X 17 IN. OR SMALLER: IF THE SUBMISSION IS A CATALOG CUT, THEN THE CONTRACTOR SHALL SUBMIT ONE ORIGINAL AND TWO COPIES. OTHERWISE, HE SHALL SUBMIT THREE COPIES. THE ARCHITECT WILL FORWARD THE ORIGINAL AND ONE COPY (TWO COPIES WHEN NO ORIGINAL IS RECEIVED) TO THE ENGINEER. ALL CATALOG CUTS SHALL BE COMPLETE.

2) SUBMISSIONS LARGER THAN 11 IN. X 17 IN.: SUBMIT TWO PRINTS AND ONE PAPER SEPIA TO THE ARCHITECT. THE ARCHITECT WILL FORWARD ONE PRINT AND THE PAPER SEPIA TO THE ENGINEER.

D. SUBMIT SHOP DRAWINGS FOR THE FOLLOWING:

1) PIPE AND FITTINGS.

2) SPRINKLER HEADS AND ACCESSORIES.

3) PIPING LAYOUTS.

4) HYDRAULIC CALCULATIONS.

5) SUPPORTS, HANGERS AND GUIDES.

6) SPARE SPRINKLER CABINET.

2. AS BUILT DRAWINGS AND EQUIPMENT OPERATIONAL INSTRUCTIONS:

A. UPON COMPLETION AND ACCEPTANCE OF WORK, CONTRACTOR SHALL FURNISH WRITTEN INSTRUCTIONS AND EQUIPMENT MANUALS AND DEMONSTRATE TO THE OWNER THE PROPER OPERATION AND MAINTENANCE OF ALL EQUIPMENT AND APPARATUS FURNISHED UNDER THIS CONTRACT.

B. THESE INSTRUCTIONS SHALL BE TYPED ON 8-1/2 IN. X 11 IN. PAPER AND BOUND IN THREE RING BINDERS WITH CLEAR ACETATE COVERS. CONTRACTOR SHALL GIVE THREE COPIES OF THE INSTRUCTIONS TO THE OWNER AND ONE COPY TO THE ENGINEER.

C. THE INSTRUCTION BOOKLET SHALL BEAR THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE PROJECT, ARCHITECT AND ENGINEER.

D. REPRODUCIBLE "AS-BUILT" DRAWINGS SHALL BE PROVIDED INDICATING THE AS INSTALLED CONDITIONS OF THE WORK. "AS-BUILT" DRAWINGS SHALL BE PROVIDED TO THE ARCHITECT AFTER COMPLETION OF THE INSTALLATION.

3. GENERAL PROVISIONS FOR FIRE PROTECTION WORK:

A. SPECIFICATIONS ARE OF SIMPLIFIED FORM AND INCLUDE INCOMPLETE SENTENCES. WORDS OR PHRASES SUCH AS "THE CONTRACTOR SHALL," "SHALL BE," "FURNISH," "PROVIDE," "A," "THE," AND "ALL" HAVE BEEN OMITTED FOR BREVITY.

B. DEFINITIONS:

1) "PROVIDE": TO SUPPLY, INSTALL AND CONNECT UP COMPLETE AND READY FOR SAFE AND REGULAR OPERATION THE PARTICULAR WORK REFERRED TO UNLESS SPECIFICALLY OTHERWISE NOTED.

2) "INSTALL": TO ERECT, MOUNT AND CONNECT COMPLETE WITH RELATED ACCESSORIES.

3) "FURNISH" OR "SUPPLY: TO PURCHASE, PROCURE, ACQUIRE AND DELIVER COMPLETE WITH RELATED ACCESSORIES.

4) "WORK": LABOR, MATERIALS, EQUIPMENT, APPARATUS, CONTROLS, ACCESSORIES AND OTHER ITEMS REQUIRED FOR PROPER AND COMPLETE INSTALLATION.

5) "CONCEALED": EMBEDDED IN MASONRY OR OTHER CONSTRUCTION, INSTALLED IN FURRED SPACES, WITHIN DOUBLE PARTITIONS OR HUNG CEILINGS, IN TRENCHES, IN CRAWL SPACES, OR IN ENCLOSURES.

6) "EXPOSED": NOT INSTALLED UNDERGROUND OR "CONCEALED" AS DEFINED ABOVE.

7) "SIMILAR" OR "EQUAL": EQUAL IN MATERIALS, WEIGHT, SIZE, DESIGN AND EFFICIENCY OF SPECIFIED PRODUCT.

C. QUALITY ASSURANCE:

1) QUALITY AND GAUGE OF MATERIALS: NEW, BEST OF THEIR RESPECTIVE KINDS, FREE FROM DEFECTS AND IF APPLICABLE LISTED BY UNDERWRITERS LABORATORIES, INC., AND FACTORY MUTUAL INC. OR BEARING THEIR LABEL. MATERIALS AND EQUIPMENT OF SIMILAR APPLICATION SHALL BE OF SAME MANUFACTURER, EXCEPT AS NOTED.

2) GUARANTEE: ALL MATERIALS AND WORKMANSHIP SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE OF WORK.

3) ANY PRODUCTS BEING INSTALLED IN NEW YORK CITY SHALL APPROVED BY THE BOARD OF STANDARDS AND APPEALS. [NYC PROJECTS ONLY]

D. PRODUCT DELIVERY, STORAGE AND HANDLING:

1) MOVING OF EQUIPMENT: WHERE NECESSARY, SHIP IN CARTED SECTIONS OF SIZE TO PERMIT PASSING THROUGH AVAILABLE SPACES.

2) ACCESSIBILITY: FOR OPERATION, MAINTENANCE AND REPAIR, MINOR DEVIATIONS SHALL BE PERMITTED. CHANGES OF MAGNITUDE OR INVOLVING EXTRA COST ARE NOT PERMISSIBLE WITHOUT REVIEW.

E. BRUSH AND CLEAN WORK PRIOR TO CONCEALING, PAINTING AND ACCEPTANCE. PAINTED EXPOSED WORK THAT IS SOILED OR DAMAGED. CLEAN AND REPAIR TO MATCH ADJOINING WORK BEFORE FINAL ACCEPTANCE. REMOVE DEBRIS FROM INSIDE AND OUTSIDE OF MATERIAL AND EQUIPMENT.

F. FINAL LOCATIONS AND MOUNTING ORIENTATIONS OF ALL VISIBLE FIRE PROTECTION EQUIPMENT BE VERIFIED BY ARCHITECT.

G. ALL ACCESS DOOR LOCATIONS SHALL BE REVIEWED BY ARCHITECT PRIOR TO INSTALLATION.

H. SPRINKLER SYSTEM DESIGN CRITERIA:

1) LIGHT HAZARD OCCUPANCIES: 225 SQ FT/HEAD MAXIMUM COVERAGE; 0.10 GPM/SQ FT DENSITY OVER THE MOST REMOTE 1,500 SQ FT OF THE SYSTEM.

2) ORDINARY HAZARD OCCUPANCIES: 130 SQ FT/HEAD MAXIMUM COVERAGE; 0.16/SQ FT DENSITY OVER THE MOST REMOTE 1,500 SQ FT OF THE SYSTEM.

6. PRODUCTS:

A. ESCUTCHEONS:

1) ALL EXPOSED PIPING PASSING THROUGH WALLS, FLOORS, PARTITIONS AND CEILINGS SHALL BE PROVIDED WITH CHROME PLATED CAST BRASS ESCUTCHEONS HELD IN PLACE WITH SET SCREWS.

7. PIPE AND FITTINGS:

A. PIPE:

1) ALL FIRE STANDPIPE PIPING, WHERE REQUIRED, ABOVE GRADE: HEAVY WEIGHT BLACK STEEL PIPE, SCHEDULE 80, WELDED OR SEAMLESS, WITH MANUFACTURER'S NAME ROLLED INTO EACH LENGTH.

2) ALL SPRINKLER MAIN PIPING ABOVE GRADE WITH MAXIMUM WORKING PRESSURE OF 175 PSI: CHLORINATED POLY VINYL CHLORDE (CPVC) ASTM F 442 IDENTIFIED BY LOGO AND LISTING AGENCY. IF PERMITED BY AHJ.

B. FITTINGS:

1) THREADED: CHLORINATED POLY VINYL CHLORIDE (CPVC) SCH 80 ASTM F 437

2) SOCKET-TYPE FITTINGS: CPVC

a.SCHEDULE 40 - ASTM F 438
b.SCHEDULE 80 - ASTM F 439

C. JOINTS:
1) THREADED (SCHEDULE 40 ONLY) WITH APPROVED COMPOUND.

2) CUT GROOVE (SCHEDULE 40 ONLY) WITH RIGID MALLEABLE IRON BOLTED COUPLINGS WITH EPDM GASKETS, VICTAULIC STYLE 07, OR APPROVED EQUAL.

a.FOR SCHEDULE 80 PIPE SYSTEMS, VICTAULIC STYLE 77 OR APPROVED EQUAL.

3) ROLL GROOVE (SCHEDULE 40 OR SCHEDULE 10) WITH RIGID MALLEABLE IRON BOLTED COUPLINGS WITH EPDM GASKETS, VICTAULIC STYLE 07 OR APPROVED EQUAL.

a.FOR ROLL GROOVE SCHEDULE 10 SPRINKLER MAINS WITH A MAXIMUM WORKING PRESSURE OF 175 PSI, FIRE SERVICE RIGID MALLEABLE IRON BOLTED COUPLINGS WITH EPDM GASKETS, VICTAULIC STYLE 005, OR APPROVED EQUAL.

D. APPLICATIONS:

1) THREADED: ALL SPRINKLER AND FIRE STANDPIPE SYSTEMS.

2) GROOVED (ROLL OR CUT): ALL SPRINKLER RISERS/MAINS AND FIRE STANDPIPE SYSTEMS.

E. ACCEPTABLE MANUFACTURERS: VICTAULIC CO., INTERFIT, SPRINK.

4. SPRINKLER HEADS:

A. ALL SPRINKLER HEADS SHALL BE RATED FOR ORDINARY TEMPERATURES (135/165 DEG. F.) EXCEPT AS REQUIRED NEAR HEATERS OR LOCATIONS WHERE ELEVATED TEMPERATURES MAY NORMALLY BE EXPECTED OR AS OTHERWISE INDICATED.

B. SPRINKLER HEADS SHALL BE AS MANUFACTURED BY RELIABLE AUTOMATIC SPRINKLER CO. INC. OR APPROVED EQUAL, UL AND FM APPROVED AS FOLLOWS:

1) SPRINKLER HEADS IN FINISHED OR DROPPED CEILINGS WITH CONCEALED PIPING SHALL BE AUTOMATIC CONCEALER MODEL G4FR "FLUSH" ORDINARY TEMPERATURE RATING (135/165 DEG. F.). BS&A #587-75-SA.

2) SPRINKLER HEADS IN AREAS WITHOUT HUNG CEILINGS SHALL BE MODEL G "UPRIGHT" ORDINARY TEMPERATURE RATING (135/165 DEG. F.). BS&A #587-75-SA.

3) SPRINKLER HEADS FOR CONCEALED SPACES OF COMBUSTIBLE CONSTRUCTION SHALL BE MODEL "G" UPRIGHT, INTERMEDIATE TEMPERATURE RATING (212 DEG. F). BS&A #587-75-SA.

C. PROVIDE SPARE SPRINKLER EMERGENCY CABINETS AS REQUIRED.

D. SPRINKLER EMERGENCY CABINETS SHALL BE RELIABLE AUTOMATIC SPRINKLER CO., INC. MODEL A1 OR APPROVED EQUAL, UL AND FM APPROVED.

E. FLEXIBLE SPRINKLER HEAD CONNECTIONS ARE PERMITTED.

F. INSTALLATION:

1) COORDINATE SPRINKLER HEAD LOCATIONS WITH THE CEILING GRID, LIGHT FIXTURES, DIFFUSERS, AUDIO EQUIPMENT AND ALL OTHER COMPONENTS OF THE REFLECTED CEILING PLAN.

2) INSTALL SPRINKLER HEADS IN THE CENTER OF CEILING TILES AND IN A TRUE AXIS LINE IN BOTH DIRECTIONS WITH A MAXIMUM DEVIATION OF 1/2 IN. PLUS OR MINUS FROM THE AXIS LINE AS ESTABLISHED BY THE ARCHITECT FOR USE OF ALL TRADES. AT THE COMPLETION OF THE INSTALLATION, REMOVE AND REINSTALL ANY HEADS FOUND TO EXCEED THE ABOVE-MENTIONED TOLERANCE. INSTALL FLUSH PLATE SPRINKLER HEADS WITHIN MANUFACTURER'S TOLERANCES. PRIOR TO INSTALLATION OF FLUSH PLATES, NOTIFY ARCHITECT AND CONSULTING ENGINEER FOR VERIFICATION OF INSTALLATION. ANY HEADS FOUND OUT OF TOLERANCE SHALL BE REMOVED AND REINSTALLED.

5. PIPING SUPPORTS:

A. SUPPORT ALL PIPING FROM BUILDING CONSTRUCTION BY PROVIDING INSERTS, BEAM CLAMPS, STEEL FISHPLATES (IN CONCRETE FILL ONLY), AND ACCEPTABLE BRACKETS. SUBMIT ALL METHODS FOR REVIEW.

B. PROVIDE ADDITIONAL FRAMING WHERE BUILDING CONSTRUCTION IS INADEQUATE. SUBMIT FOR REVIEW.

C. SUSPENDED HORIZONTAL PIPING:

1) SUPPORT ALL PIPING INDEPENDENTLY FROM STRUCTURE USING HEAVY IRON-HINGED TYPE HANGERS, SIMILAR TO GRINNELL CLEVIS NO. 260.

2) PROVIDE ELECTROPLATED SOLID BAND HANGERS SIMILAR TO AUTO-GRIP, FOR TWO-INCH AND SMALLER PIPE.

3) PROVIDE WALL BRACKETS FOR WALL SUPPORTED PIPING, AND PROVIDE PIPE SADDLES FOR FLOOR MOUNTED PIPING.

4) SUSPEND PIPING FROM INSERTS, USING BEAM CLAMPS WITH RETAINING CLAMP OR LOCKNUT, STEEL FISH PLATES, CANTILEVER BRACKETS OR OTHER ACCEPTED MEANS. BEAM CLAMPS SHALL BE SIMILAR TO GRINNELL FIGURES 61, 87, 131, OR 225.

5) SUSPEND PIPING BY RODS WITH DOUBLE NUTS.

6) PROVIDE ADDITIONAL STEEL FRAMING AS REQUIRED AND ACCEPTED IN REQUIRED LOCATIONS.
7) MAXIMUM HANGER SPACING AS INDICATED.

a. PIPE 1 INCH AND SMALLER SHALL BE EVERY 8 FEET.

b. PIPE 1-1/4 INCH AND LARGER SHALL BE EVERY 10 FEET.

8) VERTICAL PIPING:

a. PROVIDE EXTENSION PIPE CLAMPS BOLTED TO BARE PIPE ON EACH SIDE AND BEARING EQUALLY ON STRUCTURE OR WELDED TO BEAM.

b. PROVIDE SPACING AS INDICATED.

(1) THREADED AND PIPING GROOVED PIPING SHALL BE EVERY OTHER FLOOR LEVEL, AT A MAXIMUM OF 25 FEET ON CENTERS.

D. EXPANSION ANCHORS:

1) PROVIDE SMOOTH WALL, NON-SELF-DRILLING INTERNAL PLUG EXPANSION TYPE ANCHORS CONSTRUCTED OF AISC 12L14 STEEL AND ZINC PLATED IN ACCORDANCE WITH FED. SPEC. 11-A-325 TYPE 1, CLASS 3.

2) DO NOT EXCEED 1/4 OF AVERAGE VALVES FOR A SPECIFIC ANCHOR SIZE USING 2000 PSIG (13,800 KPA) CONCRETE ONLY, FOR MAXIMUM WORKING LOADS.

3) PROVIDE SPACING AND INSTALL ANCHORS IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

4) EXPANSION ANCHORS SHALL BE UL LISTED AND SIMILAR TO HILTI HDI.

6. INSTALLATION:

A. DURING CONSTRUCTION, PROPERLY CAP ALL LINES AND EQUIPMENT NOZZLES SO AS TO PREVENT THE ENTRANCE OF DIRT, DEBRIS, ETC.

B. EACH SYSTEM OF PIPING SHALL BE FLUSHED (FOR THE PURPOSE OF MOVING DIRT, DEBRIS, ETC. FROM THE PIPING) FOR AS LONG A TIME AS IS REQUIRED TO THOROUGHLY CLEAN THE SYSTEM.

7. TESTS:

A. FIRE PROTECTION SYSTEM PIPING SHALL BE HYDROSTATICALLY AT A PRESSURE OF 200 PSI FOR A DURATION OF TWO HOURS WITHOUT A LOSS IN PRESSURE.

B. DEFECTS DISCLOSED BY THE TESTS SHALL BE REPAIRED OR REPLACED. TESTS SHALL BE REPEATED AS DIRECTED UNTIL ALL WORK IS PROVEN SATISFACTORY.

C. TAKE ALL PRECAUTIONS NECESSARY TO PREVENT DAMAGE TO THE BUILDING AND ITS CONTENTS AS A RESULT OF SUCH TESTS. REPAIR ANY DAMAGE CAUSED.

D. ARRANGE AND COORDINATE TESTS WITH OWNER 48 HOURS IN ADVANCE. NOTIFY ENGINEER AND ARCHITECT OF TEST DATE AND TIME.

FIRE PROTECTION SHEET INDEX

SHEET NO.	SHEET DESCRIPTION
SP0.1	FIRE PROTECTION SPECIFICATIONS
SP3.0	BASEMENT FIRE PROTECTION PLAN
SP3.1	FIRST FLOOR FIRE PROTECTION PLAN
SP3.2	SECOND FLOOR FIRE PROTECTION PLAN
SP3.3	THIRD FLOOR FIRE PROTECTION PLAN
SP3.4	ATTIC FIRE PROTECTION PLAN

CONTRACTOR NOTE

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ARCHITECT, LANDLORD AND TENANT OF ANY DISCREPANCIES ENCOUNTERED ON THE PLANS OR IN EXISTING SITE CONDITIONS PRIOR TO SUBMISSION OF BID.

BIDDERS ARE TO VISIT THE SITE AND FAMILIARIZE THEMSELVES WITH EXISTING CONDITIONS AND SATISFY THEMSELVES AS TO THE NATURE AND SCOPE OF THE WORK. THE BASE BID SHALL REFLECT MODIFICATIONS TO SYSTEMS AND DEVICES AS REQUIRED BY STATE, LOCAL AND FEDERAL CODES WHETHER INDICATED OR NOT ON CONTRACT DOCUMENTS. THE SUBMISSIONS OF A BID WILL BE EVIDENCE THAT SUCH AN EXAMINATION AND COMPLIANCE WITH GOVERNING CODES/REQUIREMENTS HAS BEEN MADE. LATER CLAIMS FOR LABOR, EQUIPMENT, OR MATERIALS REQUIRED, OR FOR DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORESEEN HAD AN EXAMINATION AND CODE/REQUIREMENTS REVIEW BEEN MADE, WILL NOT BE ALLOWED.

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3CDC CINCINNATI CENTER CITY DEVELOPMENT CORPORATION

ISSUE LOG:
06.02.2023
ISSUE FOR PERMIT
09.21.2023
OHFA PRELIM. SUBMISSION

FIRE PROTECTION COVER SHEET

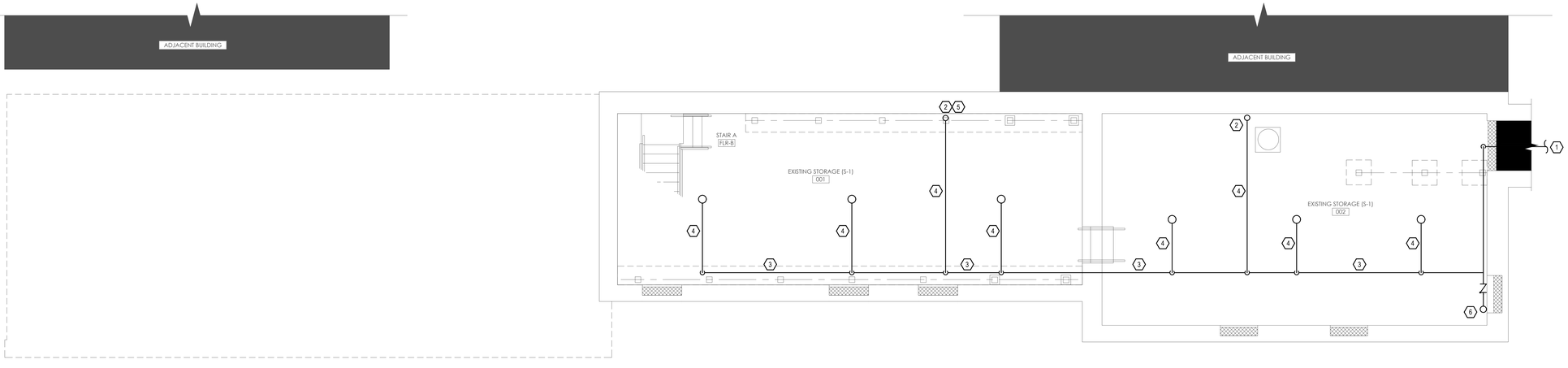
SP0.1

GENERAL NOTES:

A. THE ENTIRE BUILDING FACILITY SHALL BE PROTECTED BY A WET-PIPE FIRE SUPPRESSION SYSTEM. THE SPRINKLER SYSTEM DESIGN AND LAYOUT SHALL BE IN COMPLIANCE WITH NFPA 13R IN R-2 AREAS OF THE BUILDING.
B. A SPRINKLER CONTRACTOR SHALL PROVIDE A COMPLETE AND OPERATIONAL, HYDRAULICALLY DESIGNED WET-PIPE SYSTEM IN COMMERCIAL AREAS, IN COMPLIANCE WITH NFPA 13.
C. ALL CEILING MOUNTED SPRINKLER HEADS SHALL BE COORDINATED WITH ELECTRICAL AND MECHANICAL CONTRACTORS AND ARCHITECTURAL CEILING PLANS.
D. ALL SPRINKLER HEADS LOCATED IN LAY-IN CEILING TYPE SYSTEMS, SHALL BE CENTERED IN THE MIDDLE OF THE CEILING PANELS, UNLESS OTHERWISE INDICATED.
E. NO SPRINKLER PIPING SHALL BE ROUTED OVER ELECTRICAL SWITCHGEAR, ELECTRICAL PANELS OR TRANSFORMERS. COORDINATE WITH ELECTRICAL CONTRACTOR AND MAINTAIN CLEARANCES PER NFPA 13 AND NEC REQUIREMENTS.
F. SPRINKLER CONTRACTOR SHALL BE RESPONSIBLE FOR SIZING AND ROUTING SPRINKLER DISTRIBUTION PIPING THROUGHOUT ENTIRE FACILITY.
G. COORDINATE FIRE DEPARTMENT CONNECTION LOCATIONS WITH LOCAL FIRE MARSHALL.
H. ALL SPRINKLER HEADS SHOWN ON DRAWINGS ARE PRELIMINARILY LOCATED FOR COORDINATION PURPOSES. SPRINKLER HEAD TYPES AND LOCATIONS SHALL BE VERIFIED AND DETERMINED BY SPRINKLER CONTRACTOR.
I. SPRINKLER CONTRACTOR SHALL DETERMINE HAZARD CLASSIFICATIONS FOR ENTIRE BUILDING.
J. ● REPRESENTS A BRASS, SEMI-RECESSED, PENDENT SPRINKLER HEAD. THIS TYPE OF SPRINKLER HEAD HAS BEEN CHOSEN FOR PRICING PURPOSES ONLY. THE SPRINKLER CONTRACTOR SHALL MAKE THE FINAL DETERMINATION AS TO THE TYPE AND COVERAGE OF ALL SPRINKLER HEADS.
K. ⊙ REPRESENTS A BRASS, UPRIGHT SPRINKLER HEAD. THIS TYPE OF SPRINKLER HEAD HAS BEEN CHOSEN FOR PRICING PURPOSES ONLY. THE SPRINKLER CONTRACTOR SHALL MAKE THE FINAL DETERMINATION AS TO THE TYPE AND COVERAGE OF ALL SPRINKLER HEADS.
L. ⧋ REPRESENTS A BRASS, SIDEWALL DRY SPRINKLER HEAD. THE SPRINKLER CONTRACTOR SHALL MAKE THE FINAL DETERMINATION OF THE TYPE OF SPRINKLER HEAD TO USE IN THIS APPLICATION.
M. FINAL SPRINKLER HEAD LOCATIONS SHALL BE DETERMINED BY THE SPRINKLER CONTRACTOR.
N. NOT ALL GENERAL NOTES MAY BE APPLICABLE TO EACH PLAN DRAWING.

PLAN NOTES:

1. CONTRACTOR SHALL COORDINATE COMBINED FIRE MAIN / DOMESTIC WATER SERVICE ENTRY LOCATION WITH SITE CONTRACTOR.
2. SPRINKLER RISER UP TO FLOOR ABOVE.
3. SPRINKLER PIPING IS EXPOSED. ROUTE PIPING AS HIGH AS POSSIBLE AND PAINT PIPING TO MATCH CEILING.
4. ROUTE SPRINKLER BRANCH PIPING IN FLOOR JOIST SPACES. COORDINATE PIPE ROUTING WITH OTHER TRADES.
5. CONTRACTOR SHALL ROUTE SPRINKLER RISER AROUND WOODEN BEAM, TO PENETRATE FLOOR ABOVE. ADJUST AS NEEDED IN THE FIELD.
6. UP TO FIRE DEPARTMENT CONNECTION.



BASEMENT FIRE PROTECTION PLAN | 1
1/4" = 1'-0" | SP3.0

NORTH

CONTRACTOR NOTE

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ARCHITECT, LANDLORD AND TENANT OF ANY DISCREPANCIES ENCOUNTERED ON THE PLANS OR IN EXISTING SITE CONDITIONS PRIOR TO SUBMISSION OF BID.

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3CDC CINCINNATI CENTER CITY DEVELOPMENT CORPORATION

ISSUE LOG:
06.02.2023
ISSUE FOR PERMIT
09.21.2023
OHFA PRELIM. SUBMISSION

BASEMENT FIRE PROTECTION PLAN

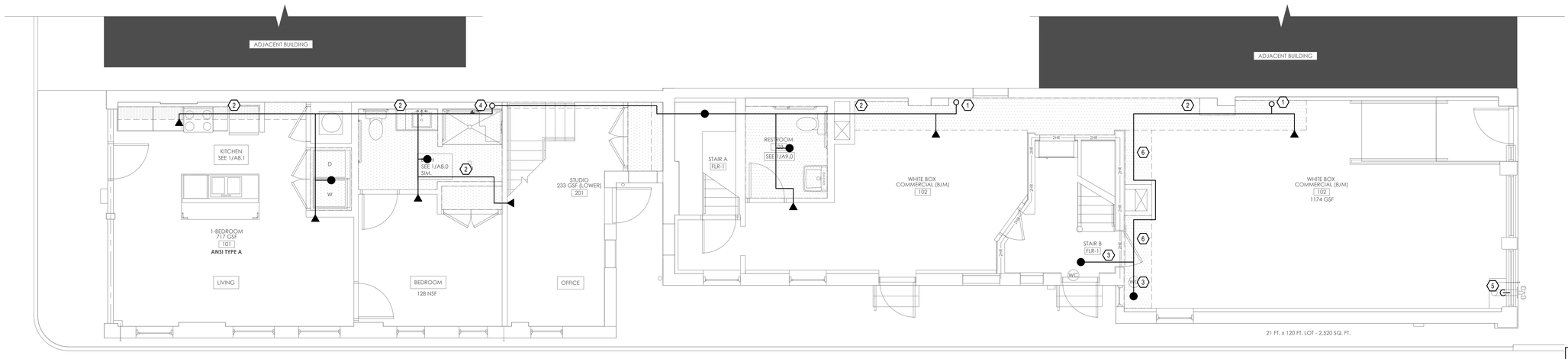
SP3.0

GENERAL NOTES:

A. THE ENTIRE BUILDING FACILITY SHALL BE PROTECTED BY A WET-PIPE FIRE SUPPRESSION SYSTEM. THE SPRINKLER SYSTEM DESIGN AND LAYOUT SHALL BE IN COMPLIANCE WITH NFPA 13R IN R-2 AREAS OF THE BUILDING.
B. A SPRINKLER CONTRACTOR SHALL PROVIDE A COMPLETE AND OPERATIONAL, HYDRAULICALLY DESIGNED WET-PIPE SYSTEM IN COMMERCIAL AREAS, IN COMPLIANCE WITH NFPA 13.
C. ALL CEILING MOUNTED SPRINKLER HEADS SHALL BE COORDINATED WITH ELECTRICAL AND MECHANICAL CONTRACTORS AND ARCHITECTURAL CEILING PLANS.
D. ALL SPRINKLER HEADS LOCATED IN LAY-IN CEILING TYPE SYSTEMS, SHALL BE CENTERED IN THE MIDDLE OF THE CEILING PANELS, UNLESS OTHERWISE INDICATED.
E. NO SPRINKLER PIPING SHALL BE ROUTED OVER ELECTRICAL SWITCHGEAR, ELECTRICAL PANELS OR TRANSFORMERS. COORDINATE WITH ELECTRICAL CONTRACTOR AND MAINTAIN CLEARANCES PER NFPA 13 AND NEC REQUIREMENTS.
F. SPRINKLER CONTRACTOR SHALL BE RESPONSIBLE FOR SIZING AND ROUTING SPRINKLER DISTRIBUTION PIPING THROUGHOUT ENTIRE FACILITY.
G. COORDINATE FIRE DEPARTMENT CONNECTION LOCATIONS WITH LOCAL FIRE MARSHALL.
H. ALL SPRINKLER HEADS SHOWN ON DRAWINGS ARE PRELIMINARILY LOCATED FOR COORDINATION PURPOSES. SPRINKLER HEAD TYPES AND LOCATIONS SHALL BE VERIFIED AND DETERMINED BY SPRINKLER CONTRACTOR.
I. SPRINKLER CONTRACTOR SHALL DETERMINE HAZARD CLASSIFICATIONS FOR ENTIRE BUILDING.
J. ● REPRESENTS A BRASS, SEMI-RECESSED, PENDENT SPRINKLER HEAD. THIS TYPE OF SPRINKLER HEAD HAS BEEN CHOSEN FOR PRICING PURPOSES ONLY. THE SPRINKLER CONTRACTOR SHALL MAKE THE FINAL DETERMINATION AS TO THE TYPE AND COVERAGE OF ALL SPRINKLER HEADS.
K. ✪ REPRESENTS A BRASS, UPRIGHT SPRINKLER HEAD. THIS TYPE OF SPRINKLER HEAD HAS BEEN CHOSEN FOR PRICING PURPOSES ONLY. THE SPRINKLER CONTRACTOR SHALL MAKE THE FINAL DETERMINATION AS TO THE TYPE AND COVERAGE OF ALL SPRINKLER HEADS.
L. ▱ REPRESENTS A BRASS, SIDEWALL DRY SPRINKLER HEAD. THE SPRINKLER CONTRACTOR SHALL MAKE THE FINAL DETERMINATION OF THE TYPE OF SPRINKLER HEAD TO USE IN THIS APPLICATION
M. FINAL SPRINKLER HEAD LOCATIONS SHALL BE DETERMINED BY THE SPRINKLER CONTRACTOR.
N. NOT ALL GENERAL NOTES MAY BE APPLICABLE TO EACH PLAN DRAWING.

PLAN NOTES:

1. SPRINKLER PIPE UP FROM FLOOR BELOW. EXTEND UP TO FLOOR ABOVE.
2. ROUTE SPRINKLER PIPING IN LOWER CEILING. COORDINATE PIPE ROUTING WITH OTHER TRADES.
3. SPRINKLER AT WINDOW / DOOR PER CINCINNATI BUILDING CODE106.5. DROP DOWN TO HEAD AT WINDOW TO PROVIDE FULL COVERAGE OF GLASS.
4. SPRINKLER PIPE UP TO FLOOR ABOVE.
5. SPRINKLER PIPE UP FROM FLOOR BELOW. CONNECT TO FIRE DEPARTMENT CONNECTION.
6. SPRINKLER PIPING IS EXPOSED. ROUTE PIPING AS HIGH AS POSSIBLE AND PAINT PIPING TO MATCH CEILING.



RUSS ALLEY

FIRST FLOOR FIRE PROTECTION PLAN | 1
1/4" = 1'-0" | SP3.1

NORTH

CONTRACTOR NOTE

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3CDC CINCINNATI CENTER CITY DEVELOPMENT CORPORATION

ISSUE LOG:
06.02.2023
ISSUE FOR PERMIT
09.21.2023
OHFA PRELIM. SUBMISSION

FIRST FLOOR FIRE PROTECTION PLAN

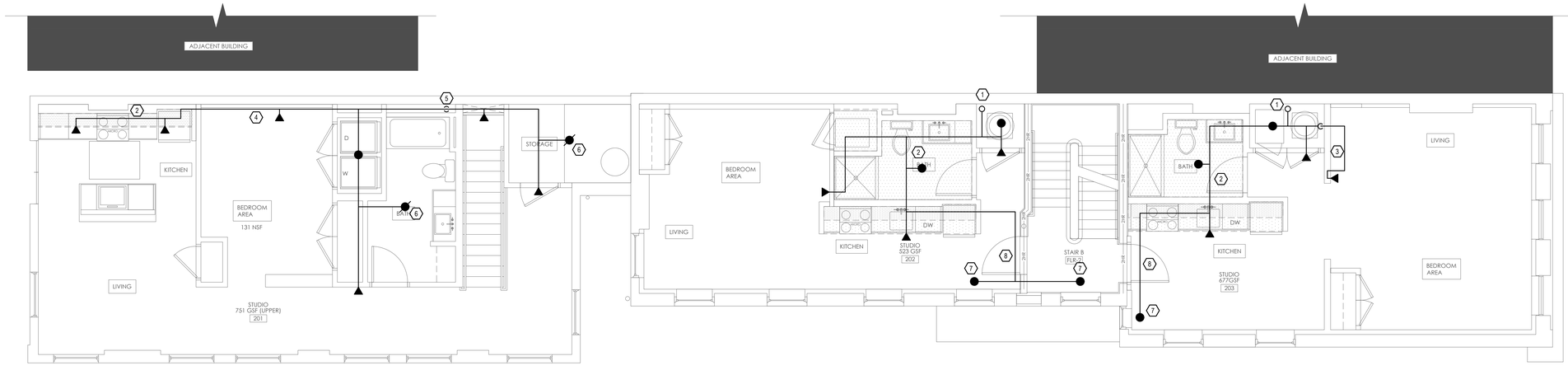
SP3.1

GENERAL NOTES:

A. THE ENTIRE BUILDING FACILITY SHALL BE PROTECTED BY A WET-PIPE FIRE SUPPRESSION SYSTEM. THE SPRINKLER SYSTEM DESIGN AND LAYOUT SHALL BE IN COMPLIANCE WITH NFPA 13R IN R-2 AREAS OF THE BUILDING.
B. A SPRINKLER CONTRACTOR SHALL PROVIDE A COMPLETE AND OPERATIONAL, HYDRAULICALLY DESIGNED WET-PIPE SYSTEM IN COMMERCIAL AREAS, IN COMPLIANCE WITH NFPA 13.
C. ALL CEILING MOUNTED SPRINKLER HEADS SHALL BE COORDINATED WITH ELECTRICAL AND MECHANICAL CONTRACTORS AND ARCHITECTURAL CEILING PLANS.
D. ALL SPRINKLER HEADS LOCATED IN LAY-IN CEILING TYPE SYSTEMS, SHALL BE CENTERED IN THE MIDDLE OF THE CEILING PANELS, UNLESS OTHERWISE INDICATED.
E. NO SPRINKLER PIPING SHALL BE ROUTED OVER ELECTRICAL SWITCHGEAR, ELECTRICAL PANELS OR TRANSFORMERS. COORDINATE WITH ELECTRICAL CONTRACTOR AND MAINTAIN CLEARANCES PER NFPA 13 AND NEC REQUIREMENTS.
F. SPRINKLER CONTRACTOR SHALL BE RESPONSIBLE FOR SIZING AND ROUTING SPRINKLER DISTRIBUTION PIPING THROUGHOUT ENTIRE FACILITY.
G. COORDINATE FIRE DEPARTMENT CONNECTION LOCATIONS WITH LOCAL FIRE MARSHALL.
H. ALL SPRINKLER HEADS SHOWN ON DRAWINGS ARE PRELIMINARILY LOCATED FOR COORDINATION PURPOSES. SPRINKLER HEAD TYPES AND LOCATIONS SHALL BE VERIFIED AND DETERMINED BY SPRINKLER CONTRACTOR.
I. SPRINKLER CONTRACTOR SHALL DETERMINE HAZARD CLASSIFICATIONS FOR ENTIRE BUILDING.
J. REPRESENTS A BRASS, SEMI-RECESSED, PENDENT SPRINKLER HEAD. THIS TYPE OF SPRINKLER HEAD HAS BEEN CHOSEN FOR PRICING PURPOSES ONLY. THE SPRINKLER CONTRACTOR SHALL MAKE THE FINAL DETERMINATION AS TO THE TYPE AND COVERAGE OF ALL SPRINKLER HEADS.
K. REPRESENTS A BRASS, RECESSED, PENDENT SPRINKLER HEAD, WITH WHITE CAP. THIS TYPE OF SPRINKLER HEAD HAS BEEN CHOSEN FOR PRICING PURPOSES ONLY. THE SPRINKLER CONTRACTOR SHALL MAKE THE FINAL DETERMINATION AS TO THE TYPE AND COVERAGE OF ALL SPRINKLER HEADS.
L. REPRESENTS A BRASS, UPRIGHT SPRINKLER HEAD. THIS TYPE OF SPRINKLER HEAD HAS BEEN CHOSEN FOR PRICING PURPOSES ONLY. THE SPRINKLER CONTRACTOR SHALL MAKE THE FINAL DETERMINATION AS TO THE TYPE AND COVERAGE OF ALL SPRINKLER HEADS.
M. REPRESENTS A BRASS, SIDEWALL DRY SPRINKLER HEAD. THE SPRINKLER CONTRACTOR SHALL MAKE THE FINAL DETERMINATION OF THE TYPE OF SPRINKLER HEAD TO USE IN THIS APPLICATION
N. FINAL SPRINKLER HEAD LOCATIONS SHALL BE DETERMINED BY THE SPRINKLER CONTRACTOR.
O. NOT ALL GENERAL NOTES MAY BE APPLICABLE TO EACH PLAN DRAWING.

PLAN NOTES:

1. SPRINKLER PIPE UP FROM FLOOR BELOW. EXTEND UP TO FLOOR ABOVE.
2. ROUTE SPRINKLER PIPING IN LOWER CEILING. COORDINATE PIPE ROUTING WITH OTHER TRADES.
3. ROUTE SPRINKLER PIPE IN JOIST SPACE.
4. SPRINKLER PIPE IS EXPOSED. PAINT PIPE TO MATCH CEILING.
5. SPRINKLER PIPE UP FROM FLOOR BELOW.
6. PROVIDE RECESSED SPRINKLER HEAD IN CEILING. COVER SHALL BE FLUSH WITH CEILING.
7. SPRINKLER AT WINDOW PER CINCINNATI BUILDING CODE:106.5. DROP DOWN TO HEAD AT WINDOW TO PROVIDE FULL COVERAGE OF GLASS.
8. SPRINKLER PIPING IS EXPOSED. ROUTE PIPING AS HIGH AS POSSIBLE AND PAINT PIPING TO MATCH CEILING.



SECOND FLOOR FIRE PROTECTION PLAN | 1
1/4" = 1'-0" | SP3.2

NORTH

CONTRACTOR NOTE

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ARCHITECT, LANDLORD AND TENANT OF ANY DISCREPANCIES ENCOUNTERED ON THE PLANS OR IN EXISTING SITE CONDITIONS PRIOR TO SUBMISSION OF BID.

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ISSUE FOR PERMIT

09.21.2023
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SECOND FLOOR FIRE PROTECTION PLAN

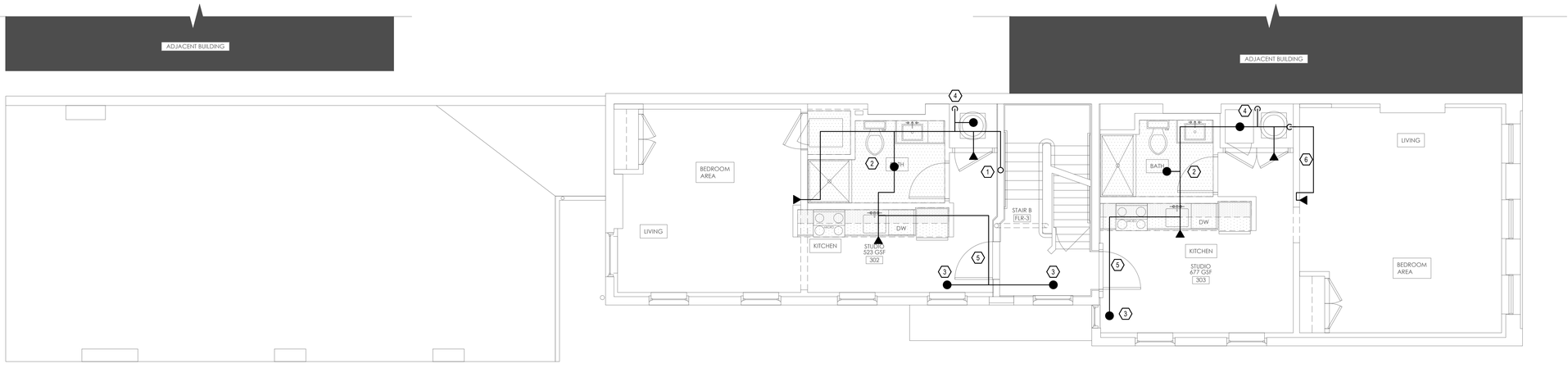
SP3.2

GENERAL NOTES:

A. THE ENTIRE BUILDING FACILITY SHALL BE PROTECTED BY A WET-PIPE FIRE SUPPRESSION SYSTEM. THE SPRINKLER SYSTEM DESIGN AND LAYOUT SHALL BE IN COMPLIANCE WITH NFPA 13R IN R-2 AREAS OF THE BUILDING.
B. A SPRINKLER CONTRACTOR SHALL PROVIDE A COMPLETE AND OPERATIONAL, HYDRAULICALLY DESIGNED WET-PIPE SYSTEM IN COMMERCIAL AREAS, IN COMPLIANCE WITH NFPA 13.
C. ALL CEILING MOUNTED SPRINKLER HEADS SHALL BE COORDINATED WITH ELECTRICAL AND MECHANICAL CONTRACTORS AND ARCHITECTURAL CEILING PLANS.
D. ALL SPRINKLER HEADS LOCATED IN LAY-IN CEILING TYPE SYSTEMS, SHALL BE CENTERED IN THE MIDDLE OF THE CEILING PANELS, UNLESS OTHERWISE INDICATED.
E. NO SPRINKLER PIPING SHALL BE ROUTED OVER ELECTRICAL SWITCHGEAR, ELECTRICAL PANELS OR TRANSFORMERS. COORDINATE WITH ELECTRICAL CONTRACTOR AND MAINTAIN CLEARANCES PER NFPA 13 AND NEC REQUIREMENTS.
F. SPRINKLER CONTRACTOR SHALL BE RESPONSIBLE FOR SIZING AND ROUTING SPRINKLER DISTRIBUTION PIPING THROUGHOUT ENTIRE FACILITY.
G. COORDINATE FIRE DEPARTMENT CONNECTION LOCATIONS WITH LOCAL FIRE MARSHALL.
H. ALL SPRINKLER HEADS SHOWN ON DRAWINGS ARE PRELIMINARILY LOCATED FOR COORDINATION PURPOSES. SPRINKLER HEAD TYPES AND LOCATIONS SHALL BE VERIFIED AND DETERMINED BY SPRINKLER CONTRACTOR.
I. SPRINKLER CONTRACTOR SHALL DETERMINE HAZARD CLASSIFICATIONS FOR ENTIRE BUILDING.
J. REPRESENTS A BRASS, SEMI-RECESSED, PENDENT SPRINKLER HEAD. THIS TYPE OF SPRINKLER HEAD HAS BEEN CHOSEN FOR PRICING PURPOSES ONLY. THE SPRINKLER CONTRACTOR SHALL MAKE THE FINAL DETERMINATION AS TO THE TYPE AND COVERAGE OF ALL SPRINKLER HEADS.
K. REPRESENTS A BRASS, UPRIGHT SPRINKLER HEAD. THIS TYPE OF SPRINKLER HEAD HAS BEEN CHOSEN FOR PRICING PURPOSES ONLY. THE SPRINKLER CONTRACTOR SHALL MAKE THE FINAL DETERMINATION AS TO THE TYPE AND COVERAGE OF ALL SPRINKLER HEADS.
L. REPRESENTS A BRASS, SIDEWALL DRY SPRINKLER HEAD. THE SPRINKLER CONTRACTOR SHALL MAKE THE FINAL DETERMINATION OF THE TYPE OF SPRINKLER HEAD TO USE IN THIS APPLICATION
M. FINAL SPRINKLER HEAD LOCATIONS SHALL BE DETERMINED BY THE SPRINKLER CONTRACTOR.
N. NOT ALL GENERAL NOTES MAY BE APPLICABLE TO EACH PLAN DRAWING.

PLAN NOTES:

1. EXTEND SPRINKLER PIPE UP TO FLOOR ABOVE.
2. ROUTE SPRINKLER PIPING IN LOWER CEILING. COORDINATE PIPE ROUTING WITH OTHER TRADES.
3. SPRINKLER AT WINDOW PER CINCINNATI BUILDING CODE106.5. DROP DOWN TO HEAD AT WINDOW TO PROVIDE FULL COVERAGE OF GLASS.
4. SPRINKLER PIPE UP FROM FLOOR BELOW.
5. SPRINKLER PIPING IS EXPOSED. ROUTE PIPING AS HIGH AS POSSIBLE AND PAINT PIPING TO MATCH CEILING.
6. ROUTE PIPING IN FLOOR JOIST SPACE.



THIRD FLOOR FIRE PROTECTION PLAN | 1
1/4" = 1'-0" | SP3.3

NORTH

CONTRACTOR NOTE

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(1633 VINE STREET HPTC APPLICATION)

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ISSUE LOG:
06.02.2023
ISSUE FOR PERMIT
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THIRD FLOOR FIRE PROTECTION PLAN

SP3.3

GENERAL NOTES:

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B. A SPRINKLER CONTRACTOR SHALL PROVIDE A COMPLETE AND OPERATIONAL, HYDRAULICALLY DESIGNED WET-PIPE SYSTEM IN COMMERCIAL AREAS, IN COMPLIANCE WITH NFPA 13.
C. ALL CEILING MOUNTED SPRINKLER HEADS SHALL BE COORDINATED WITH ELECTRICAL AND MECHANICAL CONTRACTORS AND ARCHITECTURAL CEILING PLANS.
D. ALL SPRINKLER HEADS LOCATED IN LAY-IN CEILING TYPE SYSTEMS, SHALL BE CENTERED IN THE MIDDLE OF THE CEILING PANELS, UNLESS OTHERWISE INDICATED.
E. NO SPRINKLER PIPING SHALL BE ROUTED OVER ELECTRICAL SWITCHGEAR, ELECTRICAL PANELS OR TRANSFORMERS. COORDINATE WITH ELECTRICAL CONTRACTOR AND MAINTAIN CLEARANCES PER NFPA 13 AND NEC REQUIREMENTS.
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H. ALL SPRINKLER HEADS SHOWN ON DRAWINGS ARE PRELIMINARILY LOCATED FOR COORDINATION PURPOSES. SPRINKLER HEAD TYPES AND LOCATIONS SHALL BE VERIFIED AND DETERMINED BY SPRINKLER CONTRACTOR.
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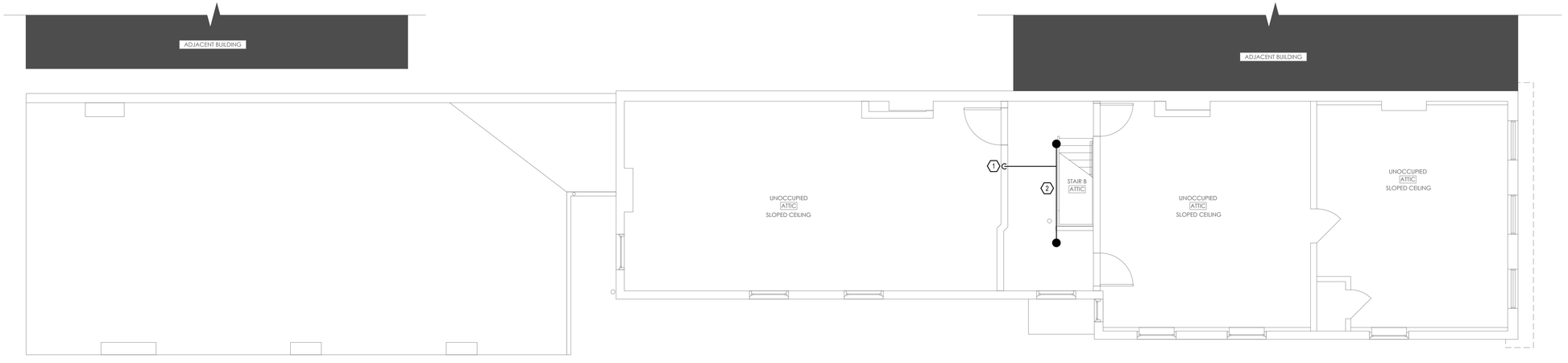
M. FINAL SPRINKLER HEAD LOCATIONS SHALL BE DETERMINED BY THE SPRINKLER CONTRACTOR.
N. NOT ALL GENERAL NOTES MAY BE APPLICABLE TO EACH PLAN DRAWING.

PLAN NOTES:

1. SPRINKLER PIPE UP FROM FLOOR BELOW.
2. PROVIDE SPRINKLER COVERAGE AT TOP OF STAIRS. PAINT EXPOSED SPRINKLER PIPING TO MATCH CEILING.



ATTIC FIRE PROTECTION PLAN | 1
1/4" = 1'-0" | SP3.4

NORTH

CONTRACTOR NOTE

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ATTIC FIRE PROTECTION PLAN

SP3.4