1808 REPUBLIC ST. / 1810 REPUBLIC ST. CINCINNATI, OHIO, 45202

FINDLAY FLATS **RENOVATION**

STRUCTURAL ENGINEER

ADVANTAGE GROUP

1527 MADISON ROAD, FL 2

CINCINNATI, OH 45206

(513) 396-8900

A9.04 EGC SPECS

MEP ENGINEER

ENGINEERED BUILDING SYSTEMS, INC. 515 MONMOUTH STREET, SUITE 201 NEWPORT, KY 41071 (859) 261-0585

CIVIL ENGINEER

(513) 336-6600

BAYER BECKER 1404 RACE STREET, SUITE 204 CINCINNATI, OH 45202

ARCHITECT

PLATTE DESIGN

1810 CAMPBELL ALLEY, STE 300

CINCINNATI, OH 45202

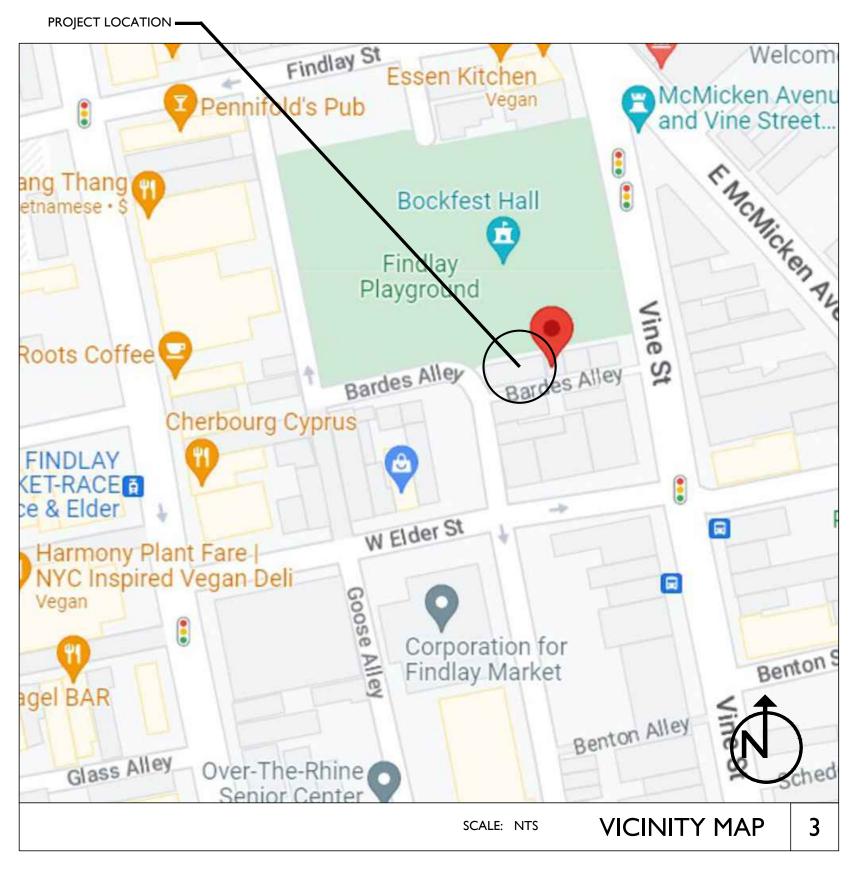
(513) 871-1850

1203 WALNUT STREET CINCINNATI, OH 45202 (513) 621-4400

CLIENT/DEVELOPER

DRAWING INDEX SHEET# SHEET TITLE **GENERAL DRAWINGS** A0.00 COVER A0.01 | EGRESS DIAGRAMS & CODE SUMMARY A0.02 PROJECT UNIT SUMMARY CIVIL/LANDSCAPE DRAWINGS C1.00 SITE SURVEY & EXG. CONDITIONS C2.00 PROPOSED SITE PLAN C3.00 PROPOSED GRADING PLAN **ARCHITECTURAL DRAWINGS** ADI.00 DEMOLITION BASEMENT PLAN ADI.01 DEMOLITION FIRST FLOOR PLAN ADI.02 DEMOLITION SECOND FLOOR PLAN AD I.03 DEMOLITION THIRD FLOOR PLAN ADI.04 DEMOLITION FOURTH FLOOR PLAN ADI.05 DEMOLITION FIFTH FLOOR PLAN AD1.06 DEMOLITION ROOF PLAN AD2.00 DEMOLITION EAST ELEVATION AD2.01 DEMOLITION SOUTH ELEVATION AD2.02 DEMOLITION WEST ELEVATION AD2.03 DEMOLITION NORTH ELEVATION A1.00 GENERAL NOTES A1.10 PROPOSED BASEMENT PLAN AI.II PROPOSED FIRST FLOOR PLAN A1.12 PROPOSED SECOND FLOOR PLAN A1.13 PROPOSED THIRD FLOOR PLAN A1.14 PROPOSED FOURTH FLOOR PLAN A1.15 PROPOSED FIFTH FLOOR PLAN A1.16 PROPOSED ROOF PLAN A1.20 BASEMENT RCP A1.21 FIRST FLOOR RCP A1.22 SECOND FLOOR RCP A1.23 THIRD FLOOR RCP A1.24 FOURTH FLOOR RCP A1.25 FIFTH FLOOR RCP A2.10 PROPOSED EAST ELEVATION A2.11 PROPOSED SOUTH ELEVATION A2.12 PROPOSED WEST ELEVATION A2.13 PROPOSED NORTH ELEVATION A4.00 FINISH SCEDULE & PLANS A4.20 INT ELEV A5.00 DETAILS A6.00 ASSEMBLIES A6.01 ASSEMBLIES A6.02 DETAILS A6.10 DOOR SCHEDULE A6.11 DOOR TYPES & DETAILS A6.20 WINDOW TYPES & DETAILS A8.00 COLORED ELEVATION A8.01 | COLORED ELEVATION A9.01 | EGC SPECS A9.02 EGC SPECS A9.03 EGC SPECS

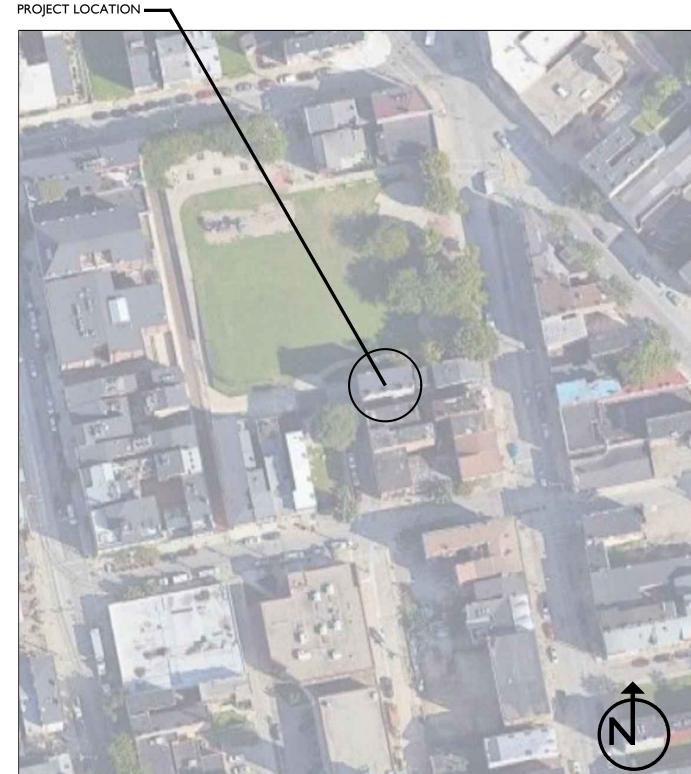
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SHEET#	SHEET TITLE	BID/PERMIT 04/28/2023	PERMIT REV 08/04/2023	BID SET 2 08.28.2024
STRUCTU	JRAL DRAWINGS			
S001	STRUCTURAL NOTES			
\$110	STRUCTURAL PLANS			
\$120	STRUCTURAL PLANS			
\$130	STRUCTURAL PLANS			
\$140	STRUCTURAL PLANS			
S200	STRUCTURAL ELEVATIONS			
S201	STRUCTURAL ELEVATIONS			
S320	FRAMING SECTIONS			
MECHAN	ICAL DRAWINGS			
M1.00	MECHANICAL PLAN - BASEMENT			
MI.01	MECHANICAL PLAN - FIRST FLOOR			
M1.02	MECHANICAL PLAN - SECOND FLOOR			
M1.03	MECHANICAL PLAN - THIRD FLOOR			
M1.04	MECHANICAL PLAN - FOURTH FLOOR			
M1.05	MECHANICAL PLAN - FIFTH FLOOR			
M1.06	MECHANICAL PLAN - ROOF			
M2.00	MECHANICAL DETAILS			
M2.01	MECHANICAL DETAILS			
ELECTRIC	CAL DRAWINGS			
E1.00	ELECTRICAL POWER PLAN - BASEMENT			
E1.01	ELECTRICAL POWER PLAN - FIRST FLOOR			
E1.02	ELECTRICAL POWER PLAN - SECOND FLOOR			
E1.03	ELECTRICAL POWER PLAN - THIRD FLOOR			
E1.04	ELECTRICAL POWER PLAN - FOURTH FLOOR			
E1.05	ELECTRICAL POWER PLAN - FIFTH FLOOR			
E1.06	ELECTRICAL POWER PLAN - ROOF			
E2.00	ELECTRICAL DETAILS			
E2.01	ELECTRICAL DETAILS			
E2.02	ELECTRICAL DETAILS			
PLUMBIN	G DRAWINGS			
P1.00	PLUMBING PLAN - BASEMENT			
P1.01	PLUMBING PLAN - FIRST FLOOR			
P1.02	PLUMBING PLAN - SECOND FLOOR			
P1.03	PLUMBING PLAN - THIRD FLOOR			
P1.04	PLUMBING PLAN - FOURTH FLOOR			
P1.05	PLUMBING PLAN - FIFTH FLOOR			
P2.00	PLUMBING DETAILS			



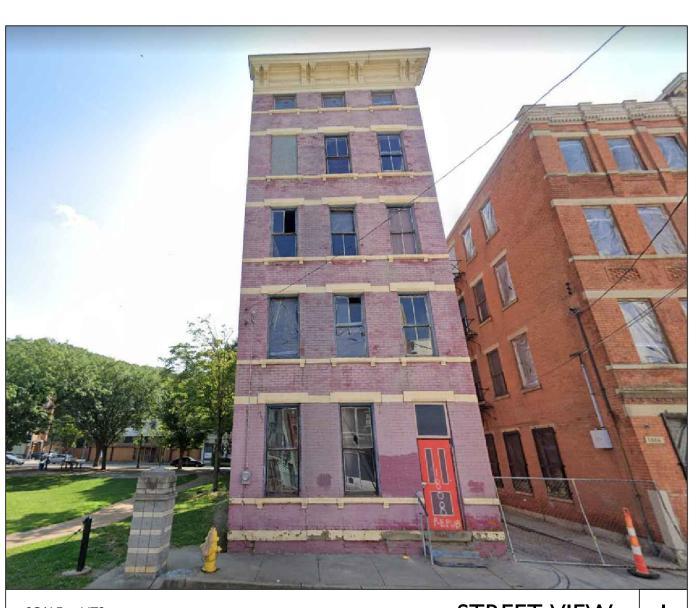
TYPI	CAL ABBRE	VIATI	ONS			TYPICAL	SYMBOLS
ADJ A.F.F.	ADJACENT ABOVE FINISH	EXG EXT	EXISTING EXTERIOR	N.I.C. N.I.S.	NOT IN CONTRACT NOT IN SCOPE	₫	NORTH ARROW
ALT	FLOOR ALTERNATE	FDC	FIRE DEPARTMENT CONNECTION	N.T.S. OBC	NOT TO SCALE OHIO BUILDING	_	EGRESS WINDOW
ALUM APPROX	ALUMINUM APPROXIMATELY	FDN F.E.	FOUNDATION FIRE EXTINGUISHER	O.C.	CODE ON CENTER	01	KEYNOTE
APT BD	APARTMENT BOARD	F.F.E.	FINISH FLOOR ELEVATION	OPNG OPP	OPENING OPPOSITE	ـــــــــــــــــــــــــــــــــ	CENTERLINE TAG
BLDG C.L. C.J.	BUILDING CENTER LINE CONTROL JOINT	FLR FTG G.C.	FLOOR FOOTING GENERAL	O/ PLWD PLUMB	OVER PLYWOOD PLUMBING	◆ ^{X'-X"}	FLOOR ELEVATION TAG
CLG CLR C.M.U.	CEILING CLEAR DIMENSION CONCRETE	GYP H.M.	CONTRACTOR GYPSUM HOLLOW METAL	PT. RCP	PRESSURE TREATED REFLECTED CEILING PLAN		REVISION CLOUD TAG
COL.	MASONRY UNIT COLUMN CONCRETE	H.M. HR HORIZ HVAC	HOLLOW METAL HOUR HORIZONTAL HEATING,	REQ REV R.O.	REQUIRED REVISED/REVISION ROUGH OPENING		wg # heet # ELEVATION TAG
CONT	CONTINUOUS/ CONTINUED	пуас	VENTILATION, & AIR CONDITIONING	R.O.W.	RIGHT OF WAY SECTION	A2.00	
CONTR DIAG	CONTRACTOR DIAGONAL	INCL	INCLUDED/ INCLUDING	SIM SF	SIMILAR SQUARE FEET		dwg # sheet #
DIA or Ø DIM(S) D.O.T.E.	DIMENSION(S) DEPARTMENT OF	INFO INSUL	INFORMATION INSULATED/ INSULATING	SPEC STRUCT T.O. or T/	SPECIFICATION STRUCTURAL TOP OF	X (A4.01) X	INTERIOR ELEVATION TAG
D.L.	TRANSPORTATION & ENGINEERING DEAD LOAD	INT L.L. MATL	INTERIOR LIVE LOAD MATERIAL	T&G TYP	TONGUE & GROOVE TYPICAL	×	dwg # sheet #
D.L. D.S. DTL(S)	DOWNSPOUT DETAIL(S)	MECH MEP	MECHANICAL MECHANICAL,	U.N.O.	UNLESS NOTED OTHERWISE	A3.01	SECTION CUT TAG
DWG(S) EA	DRAWING(S) EACH	MINI	ELECTRICAL & PLUMBING	V.B. VERT	VAPOR BARRIER VERTICAL		dwg # sheet # DETAIL CALLOUT
ELEC ELEV(S) E.J.	ELECTRICAL ELEVATION(S) EXPANSION JOINT	MIN MAX MANUF	MINIMUM MAXIMUM MANUFACTURER	V.I.F. or ± W/ W/O	VERIFY IN FIELD WITH WITHOUT	A4.01	DETAIL CALLOUT
EQ EQ	EQUAL	N/A	NOT APPLICABLE	WD	WOOD	•	,

PROJECT DESCRIPTION

PROJECT HAS BEEN SUBMITTED FOR HISTORIC TAX CREDITS WITH THE STATE HISTORIC PRESERVATION OFFICE AND NATIONAL PARK SERVICE, AND THEREFORE WILL BE DICTATED BY CHAPTER 34, SECTIONS 3-11 AND



AERIAL IMAGE SCALE: NTS



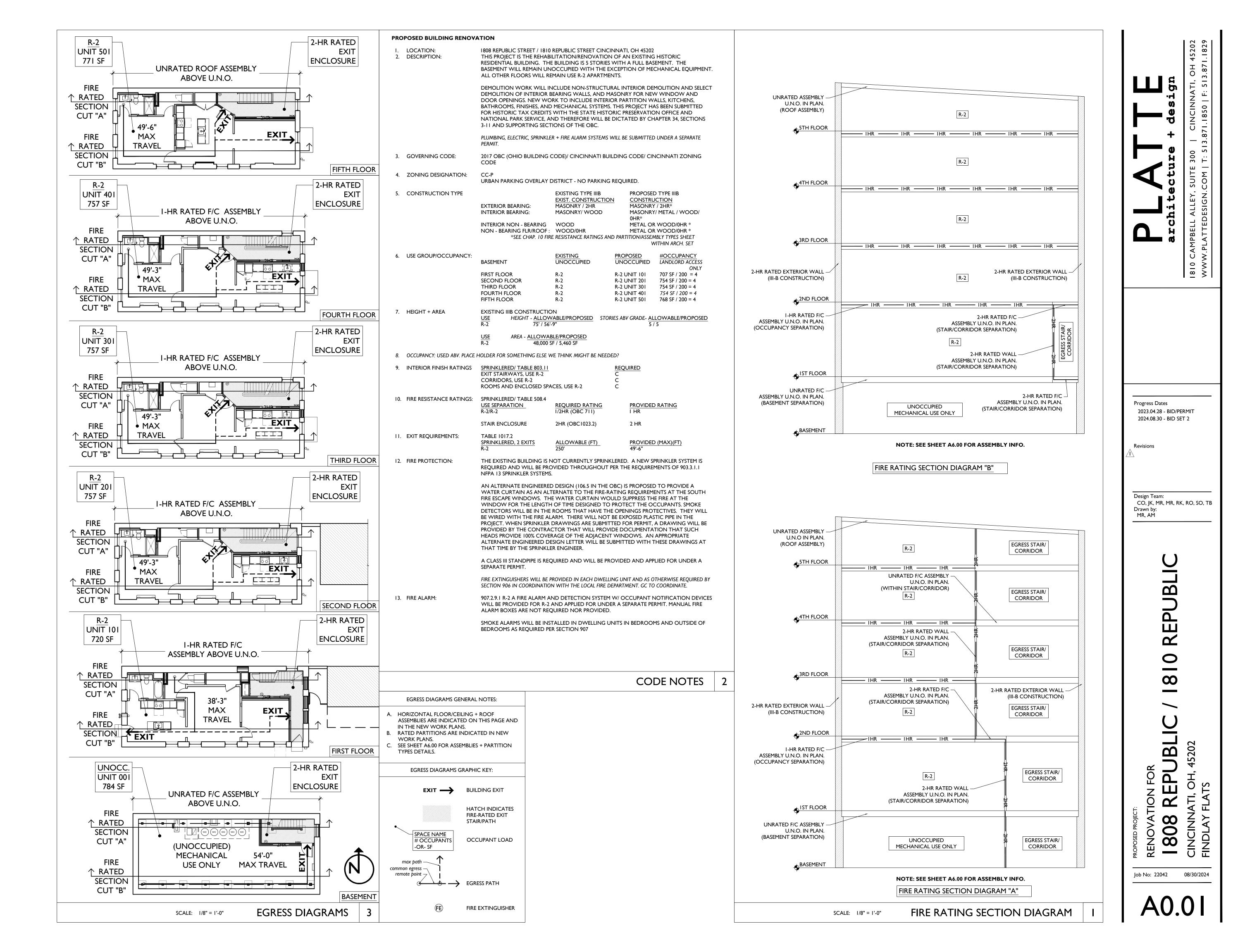
STREET VIEW

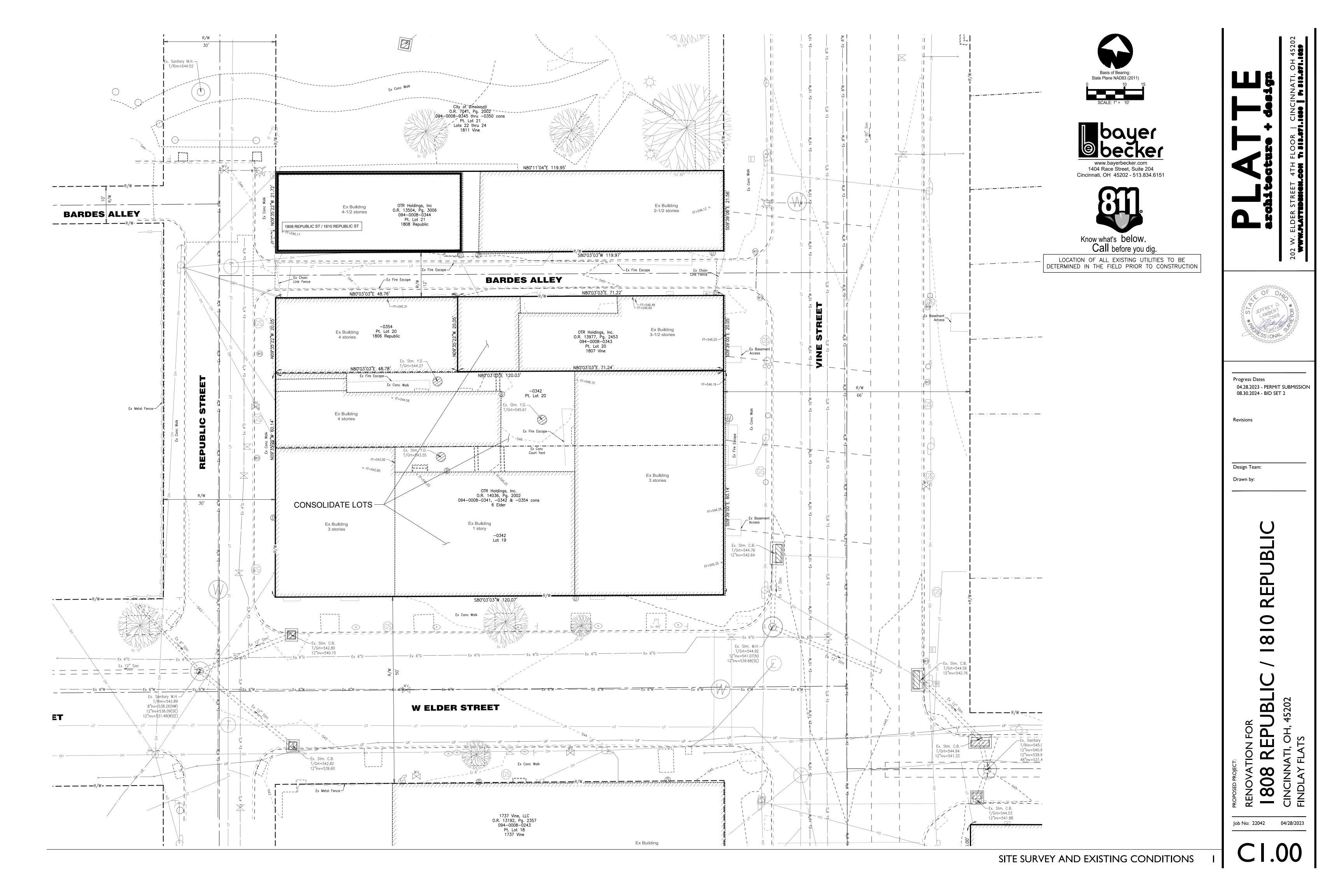
Progress Dates 2023.04.28 - BID/PERMIT 2024.08.30 - BID SET 2

Design Team:
CO, JK, MR, MR, RK, RO, SO, TB Drawn by: MR, AM

EPUBI 0 ∞

UB 808





SITE PERMITS NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL CITY OF CINCINNATI PERMITS FOR PROPOSED SITE WORK, INCLUDING (BUT NOT LIMITED TO): GCWW BRANCH APPLICATION, MSD TAP PERMIT, DOTE RIGHT-OF-WAY PERMIT (FOR UTILITY CONNECTIONS, STREET/WALK CLOSURE, AND PAVEMENT INSTALLATION), DOTE BARRICADE PERMIT, DOTE REVOCABLE STREET PERMIT (IF APPLICABLE).



04.28.2023 - PERMIT SUBMISSION 08.30.2024 - BID SET 2

Design Leam

Drawn by: EFS

PUB Ш 0 ∞ UBL

808

Job No: 22042 04/28/2023

ALL KEYED NOTES LISTED MAY NOT APPLY TO THIS SHEET.

I. GENERAL

2. EXG CONDITIONS

2.1 REPAIR/RETAIN EXG FIRE ESCAPE.

- 2.2 REMOVE FRAMING & SHEATHING/DECKING IN THIS AREA. SEE STRUCTURAL DWGS & NEW WORK PLANS. 2.3 EXG HISTORIC EXTERIOR ORNAMENT TO REMAIN (CORNICE,
- BRACKET, FRIEZE, ENTABLATURE, PILASTER, ETC). 2.4 EXG SITE WALL/STRUCTURE TO BE REMOVED.
- 2.5 SEE CIVIL DRAWINGS FOR SIDEWALK/STREETSCAPE SCOPE.

3. CONCRETE 3.1 EXG CONCRETE STEPS TO BE RETAINED. REPAIR AS REQ.

4. MASONRY

4.1 EXG CHIMNEY TO REMAIN.

5. METALS 5.1 NOT USED.

6. WOOD, PLASTICS, AND COMPOSITES 6.1 EXG NON-HISTORIC WOOD STAIR TO REMAIN IN PLACE. REMOVE

- NON-HISTORIC GUARDRAIL/HANDRAIL. 6.2 EXG HISTORIC WOOD STAIR TO REMAIN IN PLACE. REMOVE NON-HISTORIC HANDRAILS. RETAIN HISTORIC BALUSTERS. REPAIR HISTORIC ELEMENTS AS REQ.
- 6.3 REPAIR/RETAIN EXG HISTORIC MANTLE & TRIM.
- 7. THERMAL AND MOISTURE PROTECTION
- 7.1 REMOVE NON-HISTORIC GUTTER & DOWNSPOUTS. 7.2 REPAIR/RETAIN EXG HISTORIC CORNICE & BOX GUTTER.
- 7.3 REMOVE EXG MEMBRANE ROOF. CONTRACTOR TO INSPECT EXG

ROOF DECKING AND REPAIR AS NEEDED.

- 8. OPENINGS 8.1 REMOVE NON-HISTORIC WINDOW & NON-HISTORIC FRAME
- ENTIRELY, BACK TO MASONRY OPENING. 8.2 REMOVE NON-HISTORIC DOOR & FRAME ENTIRELY, BACK TO
- MASONRY OPENING. 8.3 NEW OR EXPANDED OPENING IN EXG HISTORIC WALL. SEE NEW
- 8.4 EXG HISTORIC WINDOW AND FRAME TO REMAIN IN PLACE. REPAIR AS REQ. SEE NEW WORK PLANS AND WINDOW DETAILS. 8.5 EXG HISTORIC WINDOW AND FRAME TO BE REMOVED ENTIRELY, BACK TO MASONRY OPG. ALL WINDOW COMPONENTS ARE TO BE SALVAGED FOR RE-USE AT THE WEST ELEVATION.

8.6 EXG HISTORIC DOOR, FRAME, AND TRANSOM TO REMAIN IN PLACE.

- REPAIR AS REQ. SEE NEW WORK PLANS & DOOR TYPES/SCHEDULE FOR MORE INFORMATION. 8.7 EXG HISTORIC FRAME, AND TRANSOM TO REMAIN IN PLACE. DOOR
- IS TO BE RELOCATED. REPAIR AS REQ. SEE NEW WORK PLANS & DOOR TYPES/SCHEDULE FOR MORE INFORMATION.

9. FINISHES

9.1 HISTORIC PLASTER AT MASONRY WALL TO REMAIN, IF POSSIBLE.

9.2 REMOVE NON-HISTORIC FINISH FLOORING DOWN TO WOOD SUBFLOOR.

A. THIS PROJECT IS A NPS AND OHPO HISTORIC PRESERVATION TAX CREDIT PROJECT. **COORDINATE & CONFORM ALL WORK TO** THE APPROVED PART 2 NARRATIVE AND **AMENDMENTS. NO HISTORIC ELEMENTS** ARE TO BE REMOVED OR MODIFIED UNLESS

SPECIFICALLY NOTED OTHERWISE. THROUGHOUT THIS PROJECT, HISTORIC DOORS, WINDOWS, AND INTERIOR TRIM REMAINS LARGELY INTACT. HISTORIC ELEMENTS (TRIM, DOORS, ETC.)

- TO REMAIN OR BE SALVAGED FOR REUSE. B. IF UNEXPECTED HISTORIC TRIM IS UNCOVERED DURING DEMOLITION, STOP WORK AND CONTACT ARCHITECT IMMEDIATELY FOR DOCUMENTATION AND POSSIBLE SHPO/NPS
- C. AT NEW OPENINGS AND MODIFICATIONS OF EXG K. EXG DOWNSPOUT TIE-IN LOCATIONS TO BE OPENINGS IN MASONRY AND EXTERIOR WALLS:
- I. VERIFY ANY INFILL IS NON-LOADBEARING PRIOR TO DEMOLITION. 2. VERIFY CONDITION OF ANY EXG LINTELS. IF DAMAGED, CONTACT ARCHITECT AND
- STRUCTURAL ENGINEER. 3. PROVIDE SHORING AS REQUIRED. 4. TOOTH OUT AND KEY IN MASONRY SO CUT
- BRICK IS NOT EXPOSED, EXCEPT WHERE NOTED IN CORRIDORS.
- 5. EXPOSED MASONRY EDGES ARE TO BE FIRED EDGES U.N.O. D. AT COMPLETION OF DEMOLITION, ALL FLOORS

ADDITIONAL INFORMATION REGARDING

SHALL BE SWEPT BROOM CLEAN.

ELEMENTS TO BE RETAINED: E. IN AREAS OF NEW MASONRY OPENINGS, SALVAGE HISTORIC BRICK FOR REUSE & CAREFULLY SORT AND SEPARATE HARD-FIRED FACE BRICK FROM

BRICKS AT INTERIOR WYTHES. F. RETAIN HISTORIC EXTERIOR ORNAMENT-

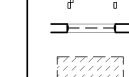
DEMO GENERAL NOTES:

- CORNICES, FRIEZES, BRACKETS, ETC. G. RETAIN HISTORIC STOREFRONT ELEMENTS -COLUMNS, LINTELS, THRESHOLDS, GLAZING, ETC.
- H. RETAIN HISTORIC INTERIOR WOOD TRIM -MANTLES, BASEBOARDS, CROWN MOULDING, WALL PANELS, WAINSCOTING, WINDOW FRAMES, TO SERVICE. DOOR FRAMES, ETC. AT WALLS WHERE PLASTER IS BEING REMOVED OR WHERE NEW FURRING IS
- PROPOSED, CAREFULLY REMOVE & RETAIN HISTORIC TRIM. I. RETAIN HISTORIC INTERIOR AND EXTERIOR
- DOORS, TRANSOMS, AND SIDELITES. . RETAIN HISTORIC WOOD WINDOW SASH, FRAMES, X. NON-HISTORIC DOWNSPOUTS & ALUMINUM BRICK MOULD AND SHUTTER HARDWARE.
- REUSED, UNO. CLEAR OF DEBRIS & REPAIR AS REQ.

REMOVE THE FOLLOWING, UNLESS NOTED OTHERWISE:

- L. FURNITURE & DEBRIS, INTERIOR & EXTERIOR, ALL FLOOR LEVELS, INCLUDING BASEMENT & ATTIC.
- M. SUSPENDED ACOUSTICAL CEILINGS. N. NON-HISTORIC DOORS & DOOR FRAMES (SHOWN
- DASHED). O. NON-HISTORIC STAIRS (SHOWN DASHED).
- P. PLASTER & LATH: REFER TO HISTORIC NARRATIVES FOR SPECIFIC GUIDELINES FOR PLASTER REPAIR, WHEN REQ. FOLLOW THESE GUIDELINES FOR THE REMOVAL OR RETENTION OF PLASTER AND LATH, UNO. RETAIN AND REPAIR PLASTER AT HISTORIC INTERIOR WALLS TO REMAIN. REMOVE LOOSE OR DETERIORATED PLASTER AT MASONRY WALLS.
- Q. ROOFING DOWN TO EXG. SUBSTRATE, U.N.O. REPLACE DAMAGED/DETERIORATED SUBSTRATE AS

- R. DETERIORATED WOOD SUBFLOOR: REPLACE WITH NEW PLYWOOD SUBFLOOR, SEE PROPOSED.
- S. NON-HISTORIC CABINETRY. T. NON-HISTORIC WALL FINISHES, INCLUDING PANELING AND WALLCOVERING.
- U. MECHANICAL SYSTEMS BOILERS, FURNACES, CONDENSERS, DUCTS, VENTS, PANELS, ETC. BACK
- V. ELECTRIC SYSTEMS FIXTURES, SWITCHES, RECEPTACLES, WIRING, PANELS, ETC. BACK TO
- W.PLUMBING SYSTEMS FIXTURES, WATER HEATERS, DRAINS, PIPING, VENT STACKS, ETC. BACK TO
- SERVICE. GUTTERS, GUTTERBOARDS.
- Y. NON-HISTORIC VINYL AND ALUMINUM WINDOWS. RETAIN HISTORIC WOOD FRAMES & BRICKMOLD. Z. VEGETATION.



EXG WINDOW TO BE REMOVED

DEMO WORK GRAPHIC KEY:

KEYNOTE

TO REMAIN

TO REMAIN

EXG INTERIOR WALL

EXG EXTERIOR WALL

__ _ _ EXG WALL/ELEMENT

— — — TO BE REMOVED

TO BE REMOVED

EXG FLOOR OR WALL CONSTRUCTION TO BE REMOVED

EXG DOOR & FRAME

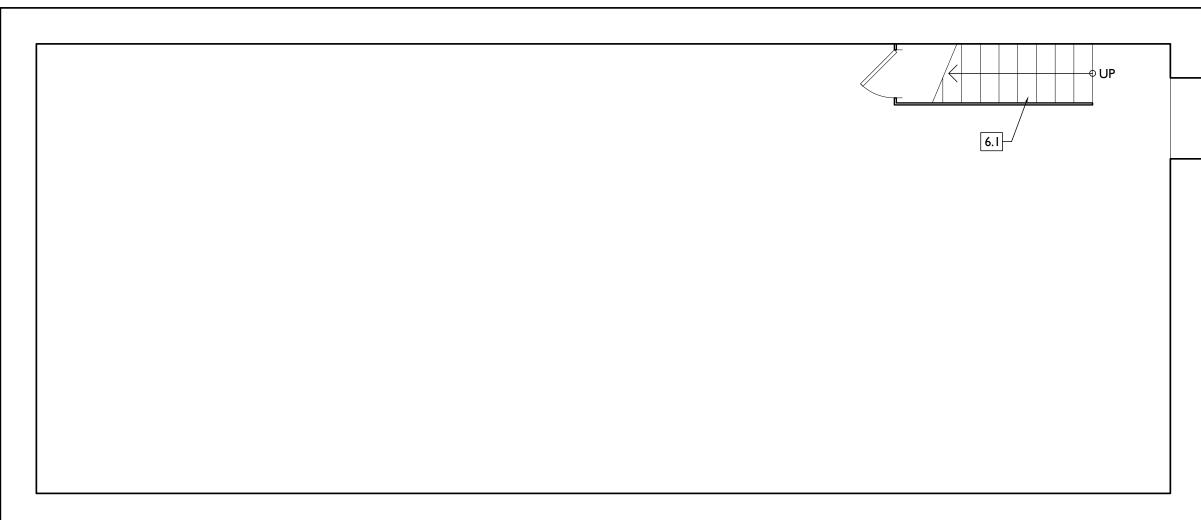
Progress Dates 2023.04.28 - BID/PERMIT 2024.08.30 - BID SET 2

Design Team:
CO, JK, MR, MR, RK, RO, SO, TB
Drawn by:
MR, AM

REPUBLIC <u>0</u>

REPUBLIC









ALL KEYED NOTES LISTED MAY NOT APPLY TO THIS SHEET.

I. GENERAL

- 2. EXG CONDITIONS 2.1 REPAIR/RETAIN EXG FIRE ESCAPE.
- 2.2 REMOVE FRAMING & SHEATHING/DECKING IN THIS AREA. SEE STRUCTURAL DWGS & NEW WORK PLANS.
- 2.3 EXG HISTORIC EXTERIOR ORNAMENT TO REMAIN (CORNICE, BRACKET, FRIEZE, ENTABLATURE, PILASTER, ETC).
- 2.4 EXG SITE WALL/STRUCTURE TO BE REMOVED. 2.5 SEE CIVIL DRAWINGS FOR SIDEWALK/STREETSCAPE SCOPE.

3. CONCRETE

3.1 EXG CONCRETE STEPS TO BE RETAINED. REPAIR AS REQ.

4. MASONRY 4.1 EXG CHIMNEY TO REMAIN.

5. METALS 5.1 NOT USED.

6. WOOD, PLASTICS, AND COMPOSITES

6.1 EXG NON-HISTORIC WOOD STAIR TO REMAIN IN PLACE. REMOVE NON-HISTORIC GUARDRAIL/HANDRAIL. 6.2 EXG HISTORIC WOOD STAIR TO REMAIN IN PLACE. REMOVE

NON-HISTORIC HANDRAILS. RETAIN HISTORIC BALUSTERS. REPAIR

HISTORIC ELEMENTS AS REQ. 6.3 REPAIR/RETAIN EXG HISTORIC MANTLE & TRIM.

- 7. THERMAL AND MOISTURE PROTECTION 7.1 REMOVE NON-HISTORIC GUTTER & DOWNSPOUTS.
- 7.2 REPAIR/RETAIN EXG HISTORIC CORNICE & BOX GUTTER. 7.3 REMOVE EXG MEMBRANE ROOF. CONTRACTOR TO INSPECT EXG

ROOF DECKING AND REPAIR AS NEEDED.

8.1 REMOVE NON-HISTORIC WINDOW & NON-HISTORIC FRAME

- ENTIRELY, BACK TO MASONRY OPENING. 8.2 REMOVE NON-HISTORIC DOOR & FRAME ENTIRELY, BACK TO
- MASONRY OPENING. 8.3 NEW OR EXPANDED OPENING IN EXG HISTORIC WALL. SEE NEW
- 8.4 EXG HISTORIC WINDOW AND FRAME TO REMAIN IN PLACE. REPAIR AS REQ. SEE NEW WORK PLANS AND WINDOW DETAILS.

REPAIR AS REQ. SEE NEW WORK PLANS & DOOR TYPES/SCHEDULE

- 8.5 EXG HISTORIC WINDOW AND FRAME TO BE REMOVED ENTIRELY, BACK TO MASONRY OPG. ALL WINDOW COMPONENTS ARE TO BE SALVAGED FOR RE-USE AT THE WEST ELEVATION. 8.6 EXG HISTORIC DOOR, FRAME, AND TRANSOM TO REMAIN IN PLACE.
- FOR MORE INFORMATION. 8.7 EXG HISTORIC FRAME, AND TRANSOM TO REMAIN IN PLACE. DOOR IS TO BE RELOCATED. REPAIR AS REQ. SEE NEW WORK PLANS & DOOR TYPES/SCHEDULE FOR MORE INFORMATION.

9. FINISHES

8. OPENINGS

9.1 HISTORIC PLASTER AT MASONRY WALL TO REMAIN, IF POSSIBLE.

9.2 REMOVE NON-HISTORIC FINISH FLOORING DOWN TO WOOD SUBFLOOR.

A. THIS PROJECT IS A NPS AND OHPO HISTORIC PRESERVATION TAX CREDIT PROJECT. **COORDINATE & CONFORM ALL WORK TO** THE APPROVED PART 2 NARRATIVE AND **AMENDMENTS. NO HISTORIC ELEMENTS**

ARE TO BE REMOVED OR MODIFIED UNLESS SPECIFICALLY NOTED OTHERWISE. THROUGHOUT THIS PROJECT, HISTORIC DOORS, WINDOWS, AND INTERIOR TRIM REMAINS LARGELY

- INTACT. HISTORIC ELEMENTS (TRIM, DOORS, ETC.) TO REMAIN OR BE SALVAGED FOR REUSE. B. IF UNEXPECTED HISTORIC TRIM IS UNCOVERED DURING DEMOLITION, STOP WORK AND CONTACT ARCHITECT IMMEDIATELY FOR
- DOCUMENTATION AND POSSIBLE SHPO/NPS C. AT NEW OPENINGS AND MODIFICATIONS OF EXG K. EXG DOWNSPOUT TIE-IN LOCATIONS TO BE OPENINGS IN MASONRY AND EXTERIOR WALLS:
- I. VERIFY ANY INFILL IS NON-LOADBEARING PRIOR TO DEMOLITION. 2. VERIFY CONDITION OF ANY EXG LINTELS. IF DAMAGED, CONTACT ARCHITECT AND
- STRUCTURAL ENGINEER. 3. PROVIDE SHORING AS REQUIRED.
- 4. TOOTH OUT AND KEY IN MASONRY SO CUT BRICK IS NOT EXPOSED, EXCEPT WHERE NOTED IN CORRIDORS.
- 5. EXPOSED MASONRY EDGES ARE TO BE FIRED EDGES U.N.O.

D. AT COMPLETION OF DEMOLITION, ALL FLOORS SHALL BE SWEPT BROOM CLEAN.

ADDITIONAL INFORMATION REGARDING **ELEMENTS TO BE RETAINED:**

E. IN AREAS OF NEW MASONRY OPENINGS, SALVAGE HISTORIC BRICK FOR REUSE & CAREFULLY SORT AND SEPARATE HARD-FIRED FACE BRICK FROM

BRICKS AT INTERIOR WYTHES.

DEMO GENERAL NOTES:

H. RETAIN HISTORIC INTERIOR WOOD TRIM -

MANTLES, BASEBOARDS, CROWN MOULDING,

BEING REMOVED OR WHERE NEW FURRING IS

PROPOSED, CAREFULLY REMOVE & RETAIN

I. RETAIN HISTORIC INTERIOR AND EXTERIOR

BRICK MOULD AND SHUTTER HARDWARE.

REMOVE THE FOLLOWING, UNLESS NOTED

L. FURNITURE & DEBRIS, INTERIOR & EXTERIOR, ALL

N. NON-HISTORIC DOORS & DOOR FRAMES (SHOWN

P. PLASTER & LATH: REFER TO HISTORIC NARRATIVES

FOR SPECIFIC GUIDELINES FOR PLASTER REPAIR,

WHEN REQ. FOLLOW THESE GUIDELINES FOR THE

REMOVAL OR RETENTION OF PLASTER AND LATH,

UNO. RETAIN AND REPAIR PLASTER AT HISTORIC

INTERIOR WALLS TO REMAIN. REMOVE LOOSE OR

REPLACE DAMAGED/DETERIORATED SUBSTRATE AS

DETERIORATED PLASTER AT MASONRY WALLS.

Q. ROOFING DOWN TO EXG. SUBSTRATE, U.N.O.

O. NON-HISTORIC STAIRS (SHOWN DASHED).

FLOOR LEVELS, INCLUDING BASEMENT & ATTIC.

DOORS, TRANSOMS, AND SIDELITES.

M. SUSPENDED ACOUSTICAL CEILINGS.

HISTORIC TRIM.

OTHERWISE:

DASHED).

R. DETERIORATED WOOD SUBFLOOR: REPLACE WITH F. RETAIN HISTORIC EXTERIOR ORNAMENT-NEW PLYWOOD SUBFLOOR, SEE PROPOSED. CORNICES, FRIEZES, BRACKETS, ETC.

S. NON-HISTORIC CABINETRY. G. RETAIN HISTORIC STOREFRONT ELEMENTS -T. NON-HISTORIC WALL FINISHES, INCLUDING COLUMNS, LINTELS, THRESHOLDS, GLAZING, ETC. PANELING AND WALLCOVERING.

SERVICE.

U. MECHANICAL SYSTEMS - BOILERS, FURNACES, CONDENSERS, DUCTS, VENTS, PANELS, ETC. BACK WALL PANELS, WAINSCOTING, WINDOW FRAMES, TO SERVICE.

DOOR FRAMES, ETC. AT WALLS WHERE PLASTER IS V. ELECTRIC SYSTEMS - FIXTURES, SWITCHES, RECEPTACLES, WIRING, PANELS, ETC. BACK TO

W.PLUMBING SYSTEMS - FIXTURES, WATER HEATERS, DRAINS, PIPING, VENT STACKS, ETC. BACK TO

. RETAIN HISTORIC WOOD WINDOW SASH, FRAMES, X. NON-HISTORIC DOWNSPOUTS & ALUMINUM GUTTERS, GUTTERBOARDS. Y. NON-HISTORIC VINYL AND ALUMINUM WINDOWS. REUSED, UNO. CLEAR OF DEBRIS & REPAIR AS REQ.

RETAIN HISTORIC WOOD FRAMES & BRICKMOLD. Z. VEGETATION.

KEYNOTE

EXG EXTERIOR WALL TO REMAIN

DEMO WORK GRAPHIC KEY:

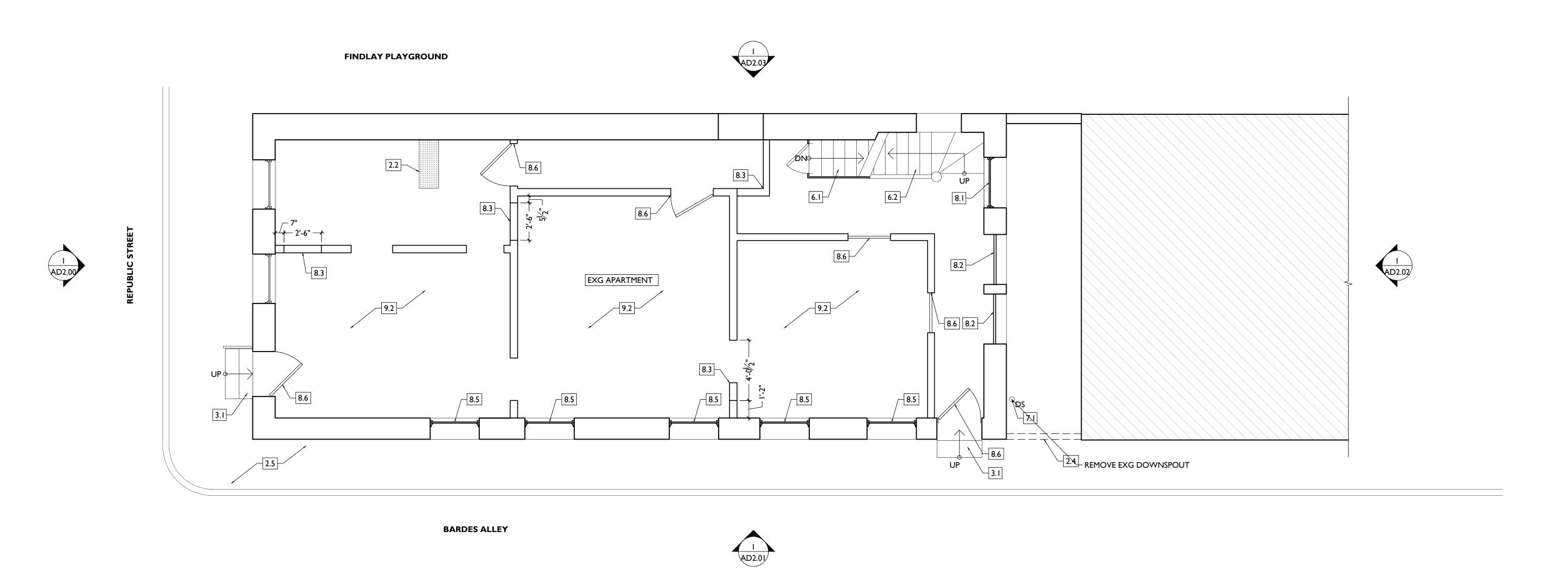
EXG INTERIOR WALL TO REMAIN __ _ _ EXG WALL/ELEMENT

— — — TO BE REMOVED EXG DOOR & FRAME

TO BE REMOVED EXG WINDOW TO BE REMOVED

EXG FLOOR OR WALL CONSTRUCTION

TO BE REMOVED





2024.08.30 - BID SET 2

2023.04.28 - BID/PERMIT

Progress Dates

Design Team:
CO, JK, MR, MR, RK, RO, SO, TB
Drawn by:
MR, AM

REPUBLIC <u>0</u> **PUBLIC**

RESPONSIBLE FOR THE WORK DESCRIBED IN ALL APPLICABLE NOTES

REGARDLESS OF THE CATEGORY IN WHICH THEY OCCUR. ALL KEYED NOTES LISTED MAY NOT APPLY TO THIS SHEET.

I. GENERAL

- 2. EXG CONDITIONS
- 2.1 REPAIR/RETAIN EXG FIRE ESCAPE. 2.2 REMOVE FRAMING & SHEATHING/DECKING IN THIS AREA. SEE STRUCTURAL DWGS & NEW WORK PLANS.
- 2.3 EXG HISTORIC EXTERIOR ORNAMENT TO REMAIN (CORNICE, BRACKET, FRIEZE, ENTABLATURE, PILASTER, ETC).
- 2.4 EXG SITE WALL/STRUCTURE TO BE REMOVED. 2.5 SEE CIVIL DRAWINGS FOR SIDEWALK/STREETSCAPE SCOPE.

3.1 EXG CONCRETE STEPS TO BE RETAINED. REPAIR AS REQ.

3. CONCRETE

4. MASONRY

4.1 EXG CHIMNEY TO REMAIN.

5. METALS 5.1 NOT USED.

6. WOOD, PLASTICS, AND COMPOSITES 6.1 EXG NON-HISTORIC WOOD STAIR TO REMAIN IN PLACE. REMOVE

- NON-HISTORIC GUARDRAIL/HANDRAIL. 6.2 EXG HISTORIC WOOD STAIR TO REMAIN IN PLACE. REMOVE NON-HISTORIC HANDRAILS. RETAIN HISTORIC BALUSTERS. REPAIR HISTORIC ELEMENTS AS REQ.
- 6.3 REPAIR/RETAIN EXG HISTORIC MANTLE & TRIM.

7. THERMAL AND MOISTURE PROTECTION

- 7.1 REMOVE NON-HISTORIC GUTTER & DOWNSPOUTS.
- 7.2 REPAIR/RETAIN EXG HISTORIC CORNICE & BOX GUTTER. 7.3 REMOVE EXG MEMBRANE ROOF. CONTRACTOR TO INSPECT EXG

ROOF DECKING AND REPAIR AS NEEDED.

8. OPENINGS 8.1 REMOVE NON-HISTORIC WINDOW & NON-HISTORIC FRAME

- ENTIRELY, BACK TO MASONRY OPENING. 8.2 REMOVE NON-HISTORIC DOOR & FRAME ENTIRELY, BACK TO
- MASONRY OPENING. 8.3 NEW OR EXPANDED OPENING IN EXG HISTORIC WALL. SEE NEW
- 8.4 EXG HISTORIC WINDOW AND FRAME TO REMAIN IN PLACE. REPAIR AS REQ. SEE NEW WORK PLANS AND WINDOW DETAILS.

8.6 EXG HISTORIC DOOR, FRAME, AND TRANSOM TO REMAIN IN PLACE.

REPAIR AS REQ. SEE NEW WORK PLANS & DOOR TYPES/SCHEDULE

- 8.5 EXG HISTORIC WINDOW AND FRAME TO BE REMOVED ENTIRELY, BACK TO MASONRY OPG. ALL WINDOW COMPONENTS ARE TO BE SALVAGED FOR RE-USE AT THE WEST ELEVATION.
- FOR MORE INFORMATION. 8.7 EXG HISTORIC FRAME, AND TRANSOM TO REMAIN IN PLACE. DOOR IS TO BE RELOCATED. REPAIR AS REQ. SEE NEW WORK PLANS & DOOR TYPES/SCHEDULE FOR MORE INFORMATION.

9. FINISHES

9.1 HISTORIC PLASTER AT MASONRY WALL TO REMAIN, IF POSSIBLE.

9.2 REMOVE NON-HISTORIC FINISH FLOORING DOWN TO WOOD SUBFLOOR.

A. THIS PROJECT IS A NPS AND OHPO HISTORIC PRESERVATION TAX CREDIT PROJECT. **COORDINATE & CONFORM ALL WORK TO** THE APPROVED PART 2 NARRATIVE AND **AMENDMENTS. NO HISTORIC ELEMENTS** ARE TO BE REMOVED OR MODIFIED UNLESS

- SPECIFICALLY NOTED OTHERWISE. THROUGHOUT THIS PROJECT, HISTORIC DOORS, WINDOWS, AND INTERIOR TRIM REMAINS LARGELY INTACT. HISTORIC ELEMENTS (TRIM, DOORS, ETC.) TO REMAIN OR BE SALVAGED FOR REUSE. B. IF UNEXPECTED HISTORIC TRIM IS UNCOVERED
- DURING DEMOLITION, STOP WORK AND CONTACT ARCHITECT IMMEDIATELY FOR DOCUMENTATION AND POSSIBLE SHPO/NPS
- C. AT NEW OPENINGS AND MODIFICATIONS OF EXG K. EXG DOWNSPOUT TIE-IN LOCATIONS TO BE OPENINGS IN MASONRY AND EXTERIOR WALLS:
- I. VERIFY ANY INFILL IS NON-LOADBEARING PRIOR TO DEMOLITION. 2. VERIFY CONDITION OF ANY EXG LINTELS. IF DAMAGED, CONTACT ARCHITECT AND
- STRUCTURAL ENGINEER. 3. PROVIDE SHORING AS REQUIRED.
- 4. TOOTH OUT AND KEY IN MASONRY SO CUT BRICK IS NOT EXPOSED, EXCEPT WHERE NOTED IN CORRIDORS.
- 5. EXPOSED MASONRY EDGES ARE TO BE FIRED EDGES U.N.O.

D. AT COMPLETION OF DEMOLITION, ALL FLOORS SHALL BE SWEPT BROOM CLEAN.

ADDITIONAL INFORMATION REGARDING **ELEMENTS TO BE RETAINED:**

E. IN AREAS OF NEW MASONRY OPENINGS, SALVAGE HISTORIC BRICK FOR REUSE & CAREFULLY SORT AND SEPARATE HARD-FIRED FACE BRICK FROM

BRICKS AT INTERIOR WYTHES. F. RETAIN HISTORIC EXTERIOR ORNAMENT-

DEMO GENERAL NOTES:

CORNICES, FRIEZES, BRACKETS, ETC. G. RETAIN HISTORIC STOREFRONT ELEMENTS -COLUMNS, LINTELS, THRESHOLDS, GLAZING, ETC.

PANELING AND WALLCOVERING. U. MECHANICAL SYSTEMS - BOILERS, FURNACES, H. RETAIN HISTORIC INTERIOR WOOD TRIM -MANTLES, BASEBOARDS, CROWN MOULDING, CONDENSERS, DUCTS, VENTS, PANELS, ETC. BACK WALL PANELS, WAINSCOTING, WINDOW FRAMES,

TO SERVICE. DOOR FRAMES, ETC. AT WALLS WHERE PLASTER IS V. ELECTRIC SYSTEMS - FIXTURES, SWITCHES, BEING REMOVED OR WHERE NEW FURRING IS RECEPTACLES, WIRING, PANELS, ETC. BACK TO PROPOSED, CAREFULLY REMOVE & RETAIN HISTORIC TRIM.

W.PLUMBING SYSTEMS - FIXTURES, WATER HEATERS, I. RETAIN HISTORIC INTERIOR AND EXTERIOR DRAINS, PIPING, VENT STACKS, ETC. BACK TO DOORS, TRANSOMS, AND SIDELITES. SERVICE.

Z. VEGETATION.

. RETAIN HISTORIC WOOD WINDOW SASH, FRAMES, X. NON-HISTORIC DOWNSPOUTS & ALUMINUM BRICK MOULD AND SHUTTER HARDWARE. GUTTERS, GUTTERBOARDS. Y. NON-HISTORIC VINYL AND ALUMINUM WINDOWS. RETAIN HISTORIC WOOD FRAMES & BRICKMOLD. REUSED, UNO. CLEAR OF DEBRIS & REPAIR AS REQ.

REMOVE THE FOLLOWING, UNLESS NOTED

- OTHERWISE: L. FURNITURE & DEBRIS, INTERIOR & EXTERIOR, ALL FLOOR LEVELS, INCLUDING BASEMENT & ATTIC.
- M. SUSPENDED ACOUSTICAL CEILINGS. N. NON-HISTORIC DOORS & DOOR FRAMES (SHOWN
- DASHED). O. NON-HISTORIC STAIRS (SHOWN DASHED). P. PLASTER & LATH: REFER TO HISTORIC NARRATIVES
- FOR SPECIFIC GUIDELINES FOR PLASTER REPAIR, WHEN REQ. FOLLOW THESE GUIDELINES FOR THE REMOVAL OR RETENTION OF PLASTER AND LATH, UNO. RETAIN AND REPAIR PLASTER AT HISTORIC INTERIOR WALLS TO REMAIN. REMOVE LOOSE OR DETERIORATED PLASTER AT MASONRY WALLS. Q. ROOFING DOWN TO EXG. SUBSTRATE, U.N.O.

REPLACE DAMAGED/DETERIORATED SUBSTRATE AS

R. DETERIORATED WOOD SUBFLOOR: REPLACE WITH NEW PLYWOOD SUBFLOOR, SEE PROPOSED. S. NON-HISTORIC CABINETRY.

T. NON-HISTORIC WALL FINISHES, INCLUDING

EXG EXTERIOR WALL TO REMAIN EXG INTERIOR WALL

DEMO WORK GRAPHIC KEY:

KEYNOTE

TO REMAIN __ _ _ EXG WALL/ELEMENT — — — TO BE REMOVED

EXG DOOR & FRAME TO BE REMOVED

EXG WINDOW TO BE REMOVED

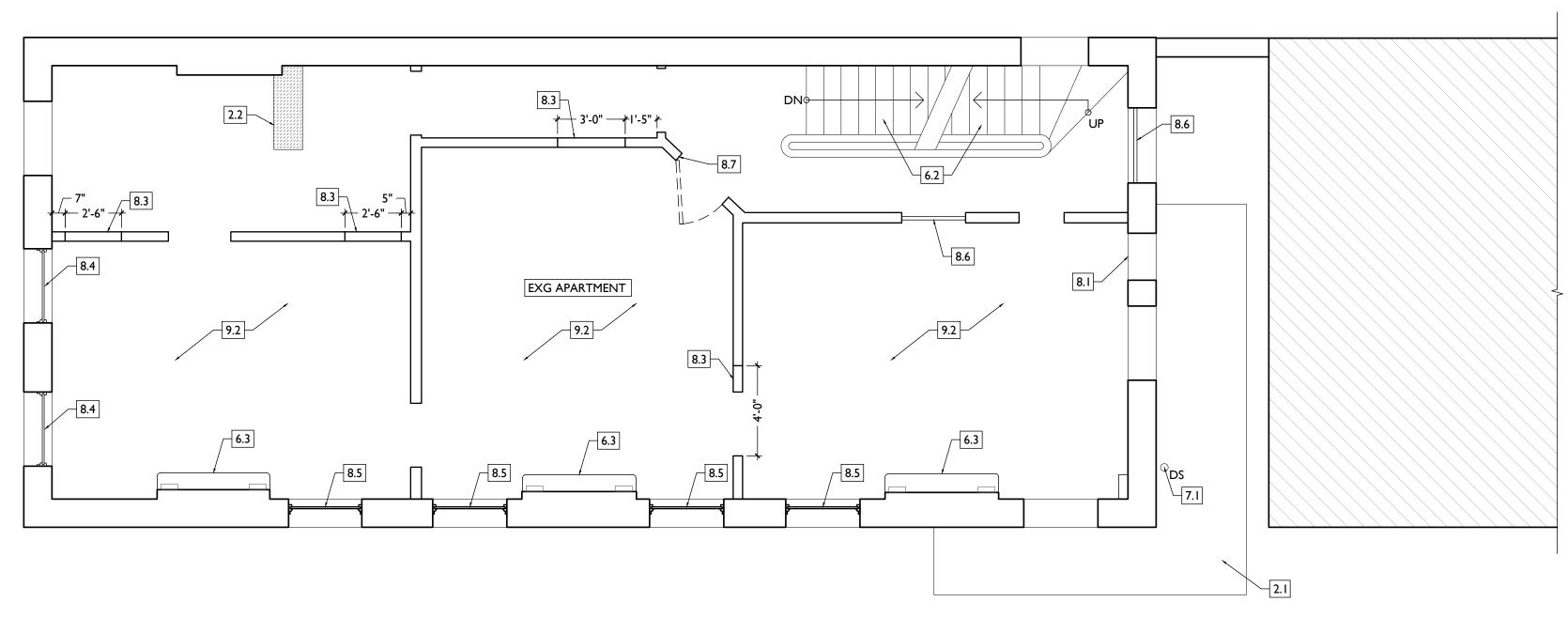
EXG FLOOR OR WALL CONSTRUCTION TO BE REMOVED

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Drawn by:
MR, AM

810 REPUBLIC REPUBLIC











F. RETAIN HISTORIC EXTERIOR ORNAMENT-

CORNICES, FRIEZES, BRACKETS, ETC.

BRICKS AT INTERIOR WYTHES.

TO REMAIN

EXG DOOR & FRAME

TO BE REMOVED

REMOVED

__ _ _ EXG WALL/ELEMENT

EXG WINDOW TO BE

— — — TO BE REMOVED

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REPUBLIC <u>8</u>0

UBLIC

ROOF DECKING AND REPAIR AS NEEDED.

OTHER THAN WHERE THEY OCCUR. THE CONTRACTOR IS RESPONSIBLE FOR THE WORK DESCRIBED IN ALL APPLICABLE NOTES REGARDLESS OF THE CATEGORY IN WHICH THEY OCCUR.

8.2 REMOVE NON-HISTORIC DOOR & FRAME ENTIRELY, BACK TO MASONRY OPENING.

ENTIRELY, BACK TO MASONRY OPENING.

8.3 NEW OR EXPANDED OPENING IN EXG HISTORIC WALL. SEE NEW 8.4 EXG HISTORIC WINDOW AND FRAME TO REMAIN IN PLACE. REPAIR

8.1 REMOVE NON-HISTORIC WINDOW & NON-HISTORIC FRAME

AS REQ. SEE NEW WORK PLANS AND WINDOW DETAILS. 8.5 EXG HISTORIC WINDOW AND FRAME TO BE REMOVED ENTIRELY, BACK TO MASONRY OPG. ALL WINDOW COMPONENTS ARE TO BE SALVAGED FOR RE-USE AT THE WEST ELEVATION. 8.6 EXG HISTORIC DOOR, FRAME, AND TRANSOM TO REMAIN IN PLACE.

REPAIR AS REQ. SEE NEW WORK PLANS & DOOR TYPES/SCHEDULE

FOR MORE INFORMATION. 8.7 EXG HISTORIC FRAME, AND TRANSOM TO REMAIN IN PLACE. DOOR IS TO BE RELOCATED. REPAIR AS REQ. SEE NEW WORK PLANS & DOOR TYPES/SCHEDULE FOR MORE INFORMATION.

8. OPENINGS

9. FINISHES

9.2 REMOVE NON-HISTORIC FINISH FLOORING DOWN TO WOOD

5.1 NOT USED. 6. WOOD, PLASTICS, AND COMPOSITES 6.1 EXG NON-HISTORIC WOOD STAIR TO REMAIN IN PLACE. REMOVE

6.2 EXG HISTORIC WOOD STAIR TO REMAIN IN PLACE. REMOVE NON-HISTORIC HANDRAILS. RETAIN HISTORIC BALUSTERS. REPAIR HISTORIC ELEMENTS AS REQ.

KEYED NOTES ARE CATEGORIZED FOR ORGANIZATIONAL PURPOSES

ONLY. NOTES MAY REQUIRE MATERIALS OR WORK IN CATEGORIES

2.2 REMOVE FRAMING & SHEATHING/DECKING IN THIS AREA. SEE

2.3 EXG HISTORIC EXTERIOR ORNAMENT TO REMAIN (CORNICE,

ALL KEYED NOTES LISTED MAY NOT APPLY TO THIS SHEET.

STRUCTURAL DWGS & NEW WORK PLANS.

2.4 EXG SITE WALL/STRUCTURE TO BE REMOVED.

BRACKET, FRIEZE, ENTABLATURE, PILASTER, ETC).

2.5 SEE CIVIL DRAWINGS FOR SIDEWALK/STREETSCAPE SCOPE.

3.1 EXG CONCRETE STEPS TO BE RETAINED. REPAIR AS REQ.

7.1 REMOVE NON-HISTORIC GUTTER & DOWNSPOUTS. 7.2 REPAIR/RETAIN EXG HISTORIC CORNICE & BOX GUTTER.

7.3 REMOVE EXG MEMBRANE ROOF. CONTRACTOR TO INSPECT EXG

NON-HISTORIC GUARDRAIL/HANDRAIL.

KEYED NOTES

I. GENERAL

3. CONCRETE

4. MASONRY

5. METALS

2. EXG CONDITIONS

2.1 REPAIR/RETAIN EXG FIRE ESCAPE.

4.1 EXG CHIMNEY TO REMAIN.

6.3 REPAIR/RETAIN EXG HISTORIC MANTLE & TRIM. 7. THERMAL AND MOISTURE PROTECTION

9.1 HISTORIC PLASTER AT MASONRY WALL TO REMAIN, IF POSSIBLE. SUBFLOOR.

> EDGES U.N.O. D. AT COMPLETION OF DEMOLITION, ALL FLOORS SHALL BE SWEPT BROOM CLEAN.

STRUCTURAL ENGINEER.

TO DEMOLITION.

IN CORRIDORS.

3. PROVIDE SHORING AS REQUIRED.

ADDITIONAL INFORMATION REGARDING **ELEMENTS TO BE RETAINED:**

E. IN AREAS OF NEW MASONRY OPENINGS, SALVAGE HISTORIC BRICK FOR REUSE & CAREFULLY SORT AND SEPARATE HARD-FIRED FACE BRICK FROM

A. THIS PROJECT IS A NPS AND OHPO HISTORIC

COORDINATE & CONFORM ALL WORK TO

THE APPROVED PART 2 NARRATIVE AND

AMENDMENTS. NO HISTORIC ELEMENTS

ARE TO BE REMOVED OR MODIFIED UNLESS

WINDOWS, AND INTERIOR TRIM REMAINS LARGELY

INTACT. HISTORIC ELEMENTS (TRIM, DOORS, ETC.)

I. VERIFY ANY INFILL IS NON-LOADBEARING PRIOR

2. VERIFY CONDITION OF ANY EXG LINTELS. IF

4. TOOTH OUT AND KEY IN MASONRY SO CUT

5. EXPOSED MASONRY EDGES ARE TO BE FIRED

DAMAGED, CONTACT ARCHITECT AND

THROUGHOUT THIS PROJECT, HISTORIC DOORS,

PRESERVATION TAX CREDIT PROJECT.

SPECIFICALLY NOTED OTHERWISE.

TO REMAIN OR BE SALVAGED FOR REUSE.

DURING DEMOLITION, STOP WORK AND

CONTACT ARCHITECT IMMEDIATELY FOR

B. IF UNEXPECTED HISTORIC TRIM IS UNCOVERED

DOCUMENTATION AND POSSIBLE SHPO/NPS

G. RETAIN HISTORIC STOREFRONT ELEMENTS -T. NON-HISTORIC WALL FINISHES, INCLUDING COLUMNS, LINTELS, THRESHOLDS, GLAZING, ETC. PANELING AND WALLCOVERING. U. MECHANICAL SYSTEMS - BOILERS, FURNACES, CONDENSERS, DUCTS, VENTS, PANELS, ETC. BACK TO SERVICE.

H. RETAIN HISTORIC INTERIOR WOOD TRIM -MANTLES, BASEBOARDS, CROWN MOULDING, WALL PANELS, WAINSCOTING, WINDOW FRAMES, DOOR FRAMES, ETC. AT WALLS WHERE PLASTER IS V. ELECTRIC SYSTEMS - FIXTURES, SWITCHES, BEING REMOVED OR WHERE NEW FURRING IS RECEPTACLES, WIRING, PANELS, ETC. BACK TO

PROPOSED, CAREFULLY REMOVE & RETAIN HISTORIC TRIM. W.PLUMBING SYSTEMS - FIXTURES, WATER HEATERS, I. RETAIN HISTORIC INTERIOR AND EXTERIOR DRAINS, PIPING, VENT STACKS, ETC. BACK TO SERVICE.

DOORS, TRANSOMS, AND SIDELITES. . RETAIN HISTORIC WOOD WINDOW SASH, FRAMES, X. NON-HISTORIC DOWNSPOUTS & ALUMINUM BRICK MOULD AND SHUTTER HARDWARE. C. AT NEW OPENINGS AND MODIFICATIONS OF EXG K. EXG DOWNSPOUT TIE-IN LOCATIONS TO BE OPENINGS IN MASONRY AND EXTERIOR WALLS: REUSED, UNO. CLEAR OF DEBRIS & REPAIR AS REQ.

REMOVE THE FOLLOWING, UNLESS NOTED

FLOOR LEVELS, INCLUDING BASEMENT & ATTIC. M. SUSPENDED ACOUSTICAL CEILINGS.

DASHED). O. NON-HISTORIC STAIRS (SHOWN DASHED). P. PLASTER & LATH: REFER TO HISTORIC NARRATIVES FOR SPECIFIC GUIDELINES FOR PLASTER REPAIR, WHEN REQ. FOLLOW THESE GUIDELINES FOR THE REMOVAL OR RETENTION OF PLASTER AND LATH, UNO. RETAIN AND REPAIR PLASTER AT HISTORIC INTERIOR WALLS TO REMAIN. REMOVE LOOSE OR DETERIORATED PLASTER AT MASONRY WALLS. Q. ROOFING DOWN TO EXG. SUBSTRATE, U.N.O.

L. FURNITURE & DEBRIS, INTERIOR & EXTERIOR, ALL

BRICK IS NOT EXPOSED, EXCEPT WHERE NOTED

OTHERWISE:

N. NON-HISTORIC DOORS & DOOR FRAMES (SHOWN

REPLACE DAMAGED/DETERIORATED SUBSTRATE AS

R. DETERIORATED WOOD SUBFLOOR: REPLACE WITH

Y. NON-HISTORIC VINYL AND ALUMINUM WINDOWS.

RETAIN HISTORIC WOOD FRAMES & BRICKMOLD.

NEW PLYWOOD SUBFLOOR, SEE PROPOSED.

S. NON-HISTORIC CABINETRY.

GUTTERS, GUTTERBOARDS.

Z. VEGETATION.

EXG FLOOR OR WALL CONSTRUCTION TO BE REMOVED

8.1 **EXG APARTMENT** 7.1



EXISTING + DEMOLITION PLAN - THIRD FLOOR

SCALE: 1/4" = 1'-0"

REGARDLESS OF THE CATEGORY IN WHICH THEY OCCUR. ALL KEYED NOTES LISTED MAY NOT APPLY TO THIS SHEET.

I. GENERAL

KEYED NOTES

- 2. EXG CONDITIONS
- 2.1 REPAIR/RETAIN EXG FIRE ESCAPE. 2.2 REMOVE FRAMING & SHEATHING/DECKING IN THIS AREA. SEE

RESPONSIBLE FOR THE WORK DESCRIBED IN ALL APPLICABLE NOTES

- STRUCTURAL DWGS & NEW WORK PLANS. 2.3 EXG HISTORIC EXTERIOR ORNAMENT TO REMAIN (CORNICE,
- BRACKET, FRIEZE, ENTABLATURE, PILASTER, ETC). 2.4 EXG SITE WALL/STRUCTURE TO BE REMOVED.
- 2.5 SEE CIVIL DRAWINGS FOR SIDEWALK/STREETSCAPE SCOPE.

3.1 EXG CONCRETE STEPS TO BE RETAINED. REPAIR AS REQ.

4. MASONRY

4.1 EXG CHIMNEY TO REMAIN.

5. METALS 5.1 NOT USED.

3. CONCRETE

6. WOOD, PLASTICS, AND COMPOSITES

- 6.1 EXG NON-HISTORIC WOOD STAIR TO REMAIN IN PLACE. REMOVE NON-HISTORIC GUARDRAIL/HANDRAIL. 6.2 EXG HISTORIC WOOD STAIR TO REMAIN IN PLACE. REMOVE NON-HISTORIC HANDRAILS. RETAIN HISTORIC BALUSTERS. REPAIR
- HISTORIC ELEMENTS AS REQ. 6.3 REPAIR/RETAIN EXG HISTORIC MANTLE & TRIM.

- 7. THERMAL AND MOISTURE PROTECTION 7.1 REMOVE NON-HISTORIC GUTTER & DOWNSPOUTS.
- 7.2 REPAIR/RETAIN EXG HISTORIC CORNICE & BOX GUTTER. 7.3 REMOVE EXG MEMBRANE ROOF. CONTRACTOR TO INSPECT EXG

ROOF DECKING AND REPAIR AS NEEDED.

8. OPENINGS 8.1 REMOVE NON-HISTORIC WINDOW & NON-HISTORIC FRAME

- ENTIRELY, BACK TO MASONRY OPENING. 8.2 REMOVE NON-HISTORIC DOOR & FRAME ENTIRELY, BACK TO
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- 8.4 EXG HISTORIC WINDOW AND FRAME TO REMAIN IN PLACE. REPAIR AS REQ. SEE NEW WORK PLANS AND WINDOW DETAILS.

REPAIR AS REQ. SEE NEW WORK PLANS & DOOR TYPES/SCHEDULE

- 8.5 EXG HISTORIC WINDOW AND FRAME TO BE REMOVED ENTIRELY, BACK TO MASONRY OPG. ALL WINDOW COMPONENTS ARE TO BE SALVAGED FOR RE-USE AT THE WEST ELEVATION. 8.6 EXG HISTORIC DOOR, FRAME, AND TRANSOM TO REMAIN IN PLACE.
- FOR MORE INFORMATION. 8.7 EXG HISTORIC FRAME, AND TRANSOM TO REMAIN IN PLACE. DOOR IS TO BE RELOCATED. REPAIR AS REQ. SEE NEW WORK PLANS & DOOR TYPES/SCHEDULE FOR MORE INFORMATION.

9. FINISHES

9.1 HISTORIC PLASTER AT MASONRY WALL TO REMAIN, IF POSSIBLE.

9.2 REMOVE NON-HISTORIC FINISH FLOORING DOWN TO WOOD SUBFLOOR.

A. THIS PROJECT IS A NPS AND OHPO HISTORIC PRESERVATION TAX CREDIT PROJECT. **COORDINATE & CONFORM ALL WORK TO** THE APPROVED PART 2 NARRATIVE AND **AMENDMENTS. NO HISTORIC ELEMENTS**

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- TO REMAIN OR BE SALVAGED FOR REUSE. B. IF UNEXPECTED HISTORIC TRIM IS UNCOVERED DURING DEMOLITION, STOP WORK AND CONTACT ARCHITECT IMMEDIATELY FOR DOCUMENTATION AND POSSIBLE SHPO/NPS
- C. AT NEW OPENINGS AND MODIFICATIONS OF EXG K. EXG DOWNSPOUT TIE-IN LOCATIONS TO BE OPENINGS IN MASONRY AND EXTERIOR WALLS:
- I. VERIFY ANY INFILL IS NON-LOADBEARING PRIOR TO DEMOLITION. 2. VERIFY CONDITION OF ANY EXG LINTELS. IF DAMAGED, CONTACT ARCHITECT AND
- STRUCTURAL ENGINEER. 3. PROVIDE SHORING AS REQUIRED.
- 4. TOOTH OUT AND KEY IN MASONRY SO CUT BRICK IS NOT EXPOSED, EXCEPT WHERE NOTED IN CORRIDORS.
- 5. EXPOSED MASONRY EDGES ARE TO BE FIRED EDGES U.N.O. D. AT COMPLETION OF DEMOLITION, ALL FLOORS

SHALL BE SWEPT BROOM CLEAN.

ADDITIONAL INFORMATION REGARDING **ELEMENTS TO BE RETAINED:**

E. IN AREAS OF NEW MASONRY OPENINGS, SALVAGE HISTORIC BRICK FOR REUSE & CAREFULLY SORT AND SEPARATE HARD-FIRED FACE BRICK FROM

BRICKS AT INTERIOR WYTHES.

DEMO GENERAL NOTES:

F. RETAIN HISTORIC EXTERIOR ORNAMENT-CORNICES, FRIEZES, BRACKETS, ETC. G. RETAIN HISTORIC STOREFRONT ELEMENTS -

COLUMNS, LINTELS, THRESHOLDS, GLAZING, ETC. H. RETAIN HISTORIC INTERIOR WOOD TRIM -MANTLES, BASEBOARDS, CROWN MOULDING,

CONDENSERS, DUCTS, VENTS, PANELS, ETC. BACK WALL PANELS, WAINSCOTING, WINDOW FRAMES, TO SERVICE. DOOR FRAMES, ETC. AT WALLS WHERE PLASTER IS BEING REMOVED OR WHERE NEW FURRING IS

Z. VEGETATION.

PROPOSED, CAREFULLY REMOVE & RETAIN HISTORIC TRIM.

I. RETAIN HISTORIC INTERIOR AND EXTERIOR DOORS, TRANSOMS, AND SIDELITES. . RETAIN HISTORIC WOOD WINDOW SASH, FRAMES, X. NON-HISTORIC DOWNSPOUTS & ALUMINUM

BRICK MOULD AND SHUTTER HARDWARE. REUSED, UNO. CLEAR OF DEBRIS & REPAIR AS REQ.

REMOVE THE FOLLOWING, UNLESS NOTED

- OTHERWISE: L. FURNITURE & DEBRIS, INTERIOR & EXTERIOR, ALL FLOOR LEVELS, INCLUDING BASEMENT & ATTIC.
- M. SUSPENDED ACOUSTICAL CEILINGS. N. NON-HISTORIC DOORS & DOOR FRAMES (SHOWN
- DASHED). O. NON-HISTORIC STAIRS (SHOWN DASHED).
- P. PLASTER & LATH: REFER TO HISTORIC NARRATIVES FOR SPECIFIC GUIDELINES FOR PLASTER REPAIR, WHEN REQ. FOLLOW THESE GUIDELINES FOR THE REMOVAL OR RETENTION OF PLASTER AND LATH, UNO. RETAIN AND REPAIR PLASTER AT HISTORIC INTERIOR WALLS TO REMAIN. REMOVE LOOSE OR DETERIORATED PLASTER AT MASONRY WALLS.

Q. ROOFING DOWN TO EXG. SUBSTRATE, U.N.O. REPLACE DAMAGED/DETERIORATED SUBSTRATE AS R. DETERIORATED WOOD SUBFLOOR: REPLACE WITH NEW PLYWOOD SUBFLOOR, SEE PROPOSED.

S. NON-HISTORIC CABINETRY. T. NON-HISTORIC WALL FINISHES, INCLUDING

PANELING AND WALLCOVERING. U. MECHANICAL SYSTEMS - BOILERS, FURNACES,

V. ELECTRIC SYSTEMS - FIXTURES, SWITCHES, RECEPTACLES, WIRING, PANELS, ETC. BACK TO

W.PLUMBING SYSTEMS - FIXTURES, WATER HEATERS, DRAINS, PIPING, VENT STACKS, ETC. BACK TO SERVICE.

GUTTERS, GUTTERBOARDS. Y. NON-HISTORIC VINYL AND ALUMINUM WINDOWS. RETAIN HISTORIC WOOD FRAMES & BRICKMOLD.



KEYNOTE EXG EXTERIOR WALL TO REMAIN

DEMO WORK GRAPHIC KEY:

EXG INTERIOR WALL TO REMAIN __ _ _ EXG WALL/ELEMENT — — — TO BE REMOVED

EXG DOOR & FRAME TO BE REMOVED EXG WINDOW TO BE

REMOVED EXG FLOOR OR WALL

CONSTRUCTION

TO BE REMOVED



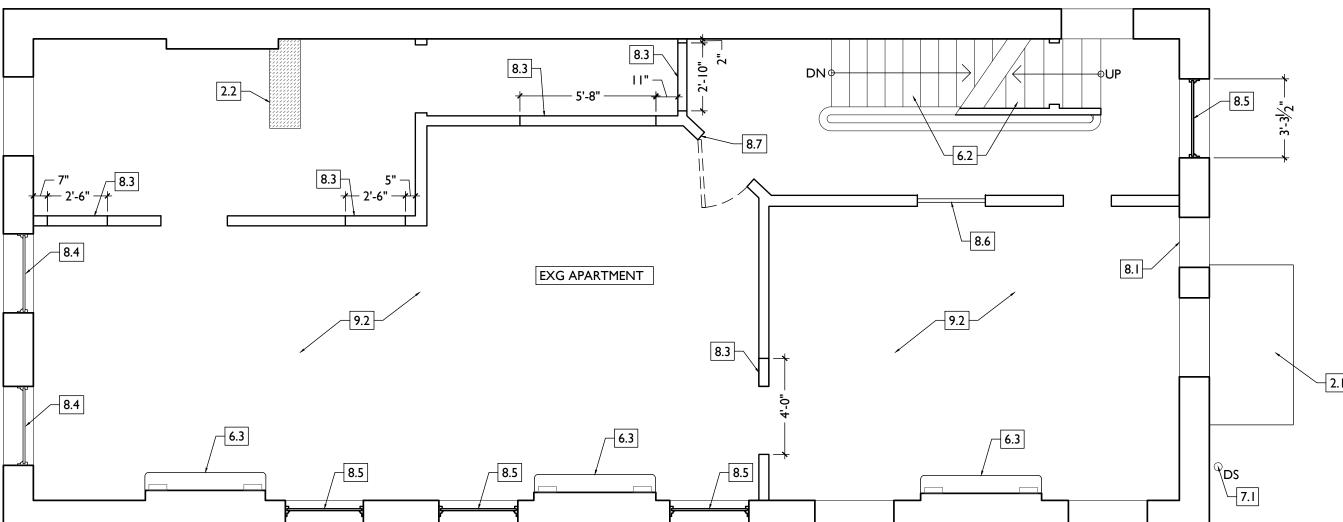
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- 2.5 SEE CIVIL DRAWINGS FOR SIDEWALK/STREETSCAPE SCOPE.

3.1 EXG CONCRETE STEPS TO BE RETAINED. REPAIR AS REQ.

4. MASONRY 4.1 EXG CHIMNEY TO REMAIN.

5. METALS

3. CONCRETE

5.1 NOT USED.

- 6. WOOD, PLASTICS, AND COMPOSITES 6.1 EXG NON-HISTORIC WOOD STAIR TO REMAIN IN PLACE. REMOVE
- NON-HISTORIC GUARDRAIL/HANDRAIL. 6.2 EXG HISTORIC WOOD STAIR TO REMAIN IN PLACE. REMOVE NON-HISTORIC HANDRAILS. RETAIN HISTORIC BALUSTERS. REPAIR
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- ENTIRELY, BACK TO MASONRY OPENING. 8.2 REMOVE NON-HISTORIC DOOR & FRAME ENTIRELY, BACK TO
- MASONRY OPENING. 8.3 NEW OR EXPANDED OPENING IN EXG HISTORIC WALL. SEE NEW
- 8.4 EXG HISTORIC WINDOW AND FRAME TO REMAIN IN PLACE. REPAIR AS REQ. SEE NEW WORK PLANS AND WINDOW DETAILS.

REPAIR AS REQ. SEE NEW WORK PLANS & DOOR TYPES/SCHEDULE

- 8.5 EXG HISTORIC WINDOW AND FRAME TO BE REMOVED ENTIRELY, BACK TO MASONRY OPG. ALL WINDOW COMPONENTS ARE TO BE SALVAGED FOR RE-USE AT THE WEST ELEVATION. 8.6 EXG HISTORIC DOOR, FRAME, AND TRANSOM TO REMAIN IN PLACE.
- 8.7 EXG HISTORIC FRAME, AND TRANSOM TO REMAIN IN PLACE. DOOR IS TO BE RELOCATED. REPAIR AS REQ. SEE NEW WORK PLANS & DOOR TYPES/SCHEDULE FOR MORE INFORMATION.

9. FINISHES

- 9.1 HISTORIC PLASTER AT MASONRY WALL TO REMAIN, IF POSSIBLE.
- 9.2 REMOVE NON-HISTORIC FINISH FLOORING DOWN TO WOOD SUBFLOOR.

FOR MORE INFORMATION.

A. THIS PROJECT IS A NPS AND OHPO HISTORIC PRESERVATION TAX CREDIT PROJECT. **COORDINATE & CONFORM ALL WORK TO** THE APPROVED PART 2 NARRATIVE AND **AMENDMENTS. NO HISTORIC ELEMENTS**

ARE TO BE REMOVED OR MODIFIED UNLESS SPECIFICALLY NOTED OTHERWISE. THROUGHOUT THIS PROJECT, HISTORIC DOORS, WINDOWS, AND INTERIOR TRIM REMAINS LARGELY

- INTACT. HISTORIC ELEMENTS (TRIM, DOORS, ETC.) TO REMAIN OR BE SALVAGED FOR REUSE. B. IF UNEXPECTED HISTORIC TRIM IS UNCOVERED DURING DEMOLITION, STOP WORK AND
- CONTACT ARCHITECT IMMEDIATELY FOR DOCUMENTATION AND POSSIBLE SHPO/NPS
- C. AT NEW OPENINGS AND MODIFICATIONS OF EXG K. EXG DOWNSPOUT TIE-IN LOCATIONS TO BE OPENINGS IN MASONRY AND EXTERIOR WALLS: I. VERIFY ANY INFILL IS NON-LOADBEARING PRIOR
- TO DEMOLITION. 2. VERIFY CONDITION OF ANY EXG LINTELS. IF DAMAGED, CONTACT ARCHITECT AND STRUCTURAL ENGINEER.
- 3. PROVIDE SHORING AS REQUIRED. 4. TOOTH OUT AND KEY IN MASONRY SO CUT
- BRICK IS NOT EXPOSED, EXCEPT WHERE NOTED IN CORRIDORS.
- 5. EXPOSED MASONRY EDGES ARE TO BE FIRED EDGES U.N.O. D. AT COMPLETION OF DEMOLITION, ALL FLOORS

SHALL BE SWEPT BROOM CLEAN.

ADDITIONAL INFORMATION REGARDING **ELEMENTS TO BE RETAINED:** E. IN AREAS OF NEW MASONRY OPENINGS, SALVAGE

HISTORIC BRICK FOR REUSE & CAREFULLY SORT AND SEPARATE HARD-FIRED FACE BRICK FROM

BRICKS AT INTERIOR WYTHES. F. RETAIN HISTORIC EXTERIOR ORNAMENT-

DEMO GENERAL NOTES:

- CORNICES, FRIEZES, BRACKETS, ETC. G. RETAIN HISTORIC STOREFRONT ELEMENTS -
- COLUMNS, LINTELS, THRESHOLDS, GLAZING, ETC. MANTLES, BASEBOARDS, CROWN MOULDING,
- H. RETAIN HISTORIC INTERIOR WOOD TRIM -WALL PANELS, WAINSCOTING, WINDOW FRAMES, DOOR FRAMES, ETC. AT WALLS WHERE PLASTER IS BEING REMOVED OR WHERE NEW FURRING IS
- HISTORIC TRIM. I. RETAIN HISTORIC INTERIOR AND EXTERIOR
- DOORS, TRANSOMS, AND SIDELITES. . RETAIN HISTORIC WOOD WINDOW SASH, FRAMES, X. NON-HISTORIC DOWNSPOUTS & ALUMINUM BRICK MOULD AND SHUTTER HARDWARE.

PROPOSED, CAREFULLY REMOVE & RETAIN

REMOVE THE FOLLOWING, UNLESS NOTED

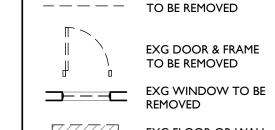
- L. FURNITURE & DEBRIS, INTERIOR & EXTERIOR, ALL
- N. NON-HISTORIC DOORS & DOOR FRAMES (SHOWN

- UNO. RETAIN AND REPAIR PLASTER AT HISTORIC INTERIOR WALLS TO REMAIN. REMOVE LOOSE OR
- REUSED, UNO. CLEAR OF DEBRIS & REPAIR AS REQ.

OTHERWISE:

- FLOOR LEVELS, INCLUDING BASEMENT & ATTIC. M. SUSPENDED ACOUSTICAL CEILINGS.
- DASHED). O. NON-HISTORIC STAIRS (SHOWN DASHED).
- P. PLASTER & LATH: REFER TO HISTORIC NARRATIVES FOR SPECIFIC GUIDELINES FOR PLASTER REPAIR, WHEN REQ. FOLLOW THESE GUIDELINES FOR THE REMOVAL OR RETENTION OF PLASTER AND LATH,
- DETERIORATED PLASTER AT MASONRY WALLS. Q. ROOFING DOWN TO EXG. SUBSTRATE, U.N.O. REPLACE DAMAGED/DETERIORATED SUBSTRATE AS

- R. DETERIORATED WOOD SUBFLOOR: REPLACE WITH NEW PLYWOOD SUBFLOOR, SEE PROPOSED.
- S. NON-HISTORIC CABINETRY. T. NON-HISTORIC WALL FINISHES, INCLUDING PANELING AND WALLCOVERING.
- U. MECHANICAL SYSTEMS BOILERS, FURNACES, CONDENSERS, DUCTS, VENTS, PANELS, ETC. BACK TO SERVICE.
- V. ELECTRIC SYSTEMS FIXTURES, SWITCHES, RECEPTACLES, WIRING, PANELS, ETC. BACK TO
- W.PLUMBING SYSTEMS FIXTURES, WATER HEATERS,
- DRAINS, PIPING, VENT STACKS, ETC. BACK TO SERVICE.
- GUTTERS, GUTTERBOARDS. Y. NON-HISTORIC VINYL AND ALUMINUM WINDOWS.
- RETAIN HISTORIC WOOD FRAMES & BRICKMOLD. Z. VEGETATION.



REMOVED EXG FLOOR OR WALL CONSTRUCTION

DEMO WORK GRAPHIC KEY:

KEYNOTE

TO REMAIN

TO REMAIN

EXG INTERIOR WALL

EXG EXTERIOR WALL

__ _ _ EXG WALL/ELEMENT

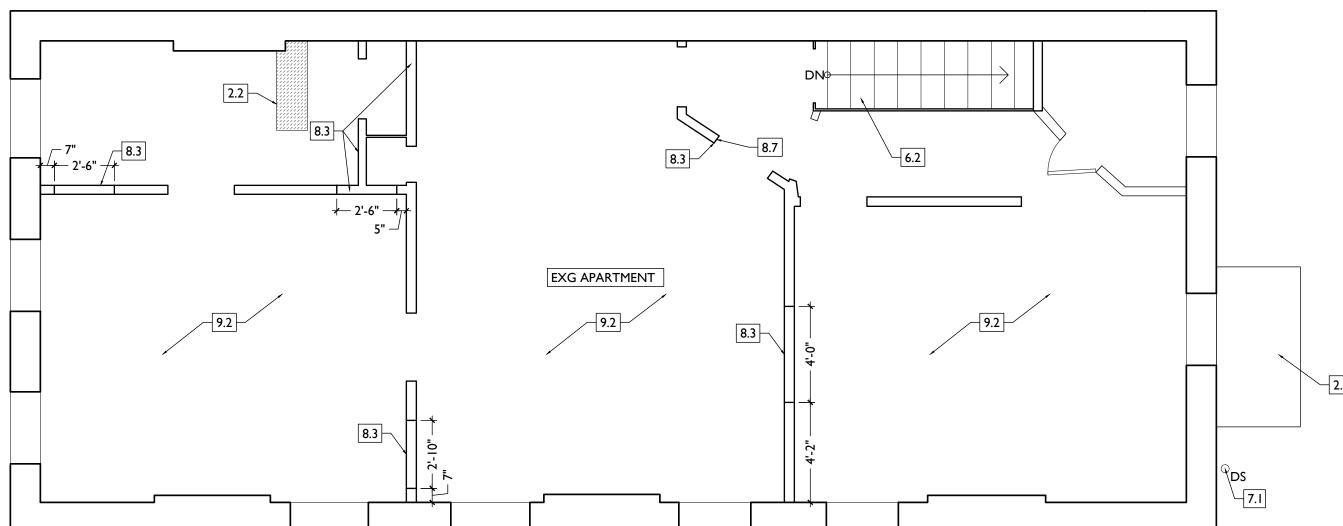
TO BE REMOVED

Progress Dates 2023.04.28 - BID/PERMIT 2024.08.30 - BID SET 2

Design Team:
CO, JK, MR, MR, RK, RO, SO, TB
Drawn by:
MR, AM

REPUBLIC <u>8</u>0









ALL KEYED NOTES LISTED MAY NOT APPLY TO THIS SHEET.

I. GENERAL

2. EXG CONDITIONS

- 2.1 REPAIR/RETAIN EXG FIRE ESCAPE.
- 2.2 REMOVE FRAMING & SHEATHING/DECKING IN THIS AREA. SEE STRUCTURAL DWGS & NEW WORK PLANS.
- 2.3 EXG HISTORIC EXTERIOR ORNAMENT TO REMAIN (CORNICE, BRACKET, FRIEZE, ENTABLATURE, PILASTER, ETC).
- 2.4 EXG SITE WALL/STRUCTURE TO BE REMOVED. 2.5 SEE CIVIL DRAWINGS FOR SIDEWALK/STREETSCAPE SCOPE.

3. CONCRETE

3.1 EXG CONCRETE STEPS TO BE RETAINED. REPAIR AS REQ.

4. MASONRY

4.1 EXG CHIMNEY TO REMAIN.

5. METALS 5.1 NOT USED.

6. WOOD, PLASTICS, AND COMPOSITES

- 6.1 EXG NON-HISTORIC WOOD STAIR TO REMAIN IN PLACE. REMOVE NON-HISTORIC GUARDRAIL/HANDRAIL. 6.2 EXG HISTORIC WOOD STAIR TO REMAIN IN PLACE. REMOVE NON-HISTORIC HANDRAILS. RETAIN HISTORIC BALUSTERS. REPAIR
- HISTORIC ELEMENTS AS REQ. 6.3 REPAIR/RETAIN EXG HISTORIC MANTLE & TRIM.

7. THERMAL AND MOISTURE PROTECTION

- 7.1 REMOVE NON-HISTORIC GUTTER & DOWNSPOUTS.
- 7.2 REPAIR/RETAIN EXG HISTORIC CORNICE & BOX GUTTER. 7.3 REMOVE EXG MEMBRANE ROOF. CONTRACTOR TO INSPECT EXG

8. OPENINGS 8.1 REMOVE NON-HISTORIC WINDOW & NON-HISTORIC FRAME

- ENTIRELY, BACK TO MASONRY OPENING. 8.2 REMOVE NON-HISTORIC DOOR & FRAME ENTIRELY, BACK TO
- MASONRY OPENING. 8.3 NEW OR EXPANDED OPENING IN EXG HISTORIC WALL. SEE NEW
- 8.4 EXG HISTORIC WINDOW AND FRAME TO REMAIN IN PLACE. REPAIR
- AS REQ. SEE NEW WORK PLANS AND WINDOW DETAILS. 8.5 EXG HISTORIC WINDOW AND FRAME TO BE REMOVED ENTIRELY, BACK TO MASONRY OPG. ALL WINDOW COMPONENTS ARE TO BE SALVAGED FOR RE-USE AT THE WEST ELEVATION.
- 8.6 EXG HISTORIC DOOR, FRAME, AND TRANSOM TO REMAIN IN PLACE. REPAIR AS REQ. SEE NEW WORK PLANS & DOOR TYPES/SCHEDULE FOR MORE INFORMATION.
- 8.7 EXG HISTORIC FRAME, AND TRANSOM TO REMAIN IN PLACE. DOOR IS TO BE RELOCATED. REPAIR AS REQ. SEE NEW WORK PLANS & DOOR TYPES/SCHEDULE FOR MORE INFORMATION.

9. FINISHES

9.1 HISTORIC PLASTER AT MASONRY WALL TO REMAIN, IF POSSIBLE.

9.2 REMOVE NON-HISTORIC FINISH FLOORING DOWN TO WOOD SUBFLOOR.

A. THIS PROJECT IS A NPS AND OHPO HISTORIC ROOF DECKING AND REPAIR AS NEEDED. PRESERVATION TAX CREDIT PROJECT.

COORDINATE & CONFORM ALL WORK TO THE APPROVED PART 2 NARRATIVE AND **AMENDMENTS. NO HISTORIC ELEMENTS** ARE TO BE REMOVED OR MODIFIED UNLESS SPECIFICALLY NOTED OTHERWISE.

- THROUGHOUT THIS PROJECT, HISTORIC DOORS, WINDOWS, AND INTERIOR TRIM REMAINS LARGELY INTACT. HISTORIC ELEMENTS (TRIM, DOORS, ETC.) TO REMAIN OR BE SALVAGED FOR REUSE. B. IF UNEXPECTED HISTORIC TRIM IS UNCOVERED
- DURING DEMOLITION, STOP WORK AND CONTACT ARCHITECT IMMEDIATELY FOR DOCUMENTATION AND POSSIBLE SHPO/NPS
- C. AT NEW OPENINGS AND MODIFICATIONS OF EXG K. EXG DOWNSPOUT TIE-IN LOCATIONS TO BE OPENINGS IN MASONRY AND EXTERIOR WALLS:
- I. VERIFY ANY INFILL IS NON-LOADBEARING PRIOR TO DEMOLITION. 2. VERIFY CONDITION OF ANY EXG LINTELS. IF DAMAGED, CONTACT ARCHITECT AND
- STRUCTURAL ENGINEER. 3. PROVIDE SHORING AS REQUIRED.
- 4. TOOTH OUT AND KEY IN MASONRY SO CUT BRICK IS NOT EXPOSED, EXCEPT WHERE NOTED IN CORRIDORS.
- 5. EXPOSED MASONRY EDGES ARE TO BE FIRED EDGES U.N.O. D. AT COMPLETION OF DEMOLITION, ALL FLOORS

SHALL BE SWEPT BROOM CLEAN.

ADDITIONAL INFORMATION REGARDING **ELEMENTS TO BE RETAINED:** E. IN AREAS OF NEW MASONRY OPENINGS, SALVAGE HISTORIC BRICK FOR REUSE & CAREFULLY SORT

AND SEPARATE HARD-FIRED FACE BRICK FROM

BRICKS AT INTERIOR WYTHES. F. RETAIN HISTORIC EXTERIOR ORNAMENT-

DEMO GENERAL NOTES:

- CORNICES, FRIEZES, BRACKETS, ETC. G. RETAIN HISTORIC STOREFRONT ELEMENTS -COLUMNS, LINTELS, THRESHOLDS, GLAZING, ETC.
- H. RETAIN HISTORIC INTERIOR WOOD TRIM -MANTLES, BASEBOARDS, CROWN MOULDING, WALL PANELS, WAINSCOTING, WINDOW FRAMES, TO SERVICE. DOOR FRAMES, ETC. AT WALLS WHERE PLASTER IS BEING REMOVED OR WHERE NEW FURRING IS
- PROPOSED, CAREFULLY REMOVE & RETAIN HISTORIC TRIM. I. RETAIN HISTORIC INTERIOR AND EXTERIOR
- DOORS, TRANSOMS, AND SIDELITES. . RETAIN HISTORIC WOOD WINDOW SASH, FRAMES. X. NON-HISTORIC DOWNSPOUTS & ALUMINUM
- BRICK MOULD AND SHUTTER HARDWARE. REUSED, UNO. CLEAR OF DEBRIS & REPAIR AS REQ.

REMOVE THE FOLLOWING, UNLESS NOTED OTHERWISE:

- L. FURNITURE & DEBRIS, INTERIOR & EXTERIOR, ALL FLOOR LEVELS, INCLUDING BASEMENT & ATTIC.
- M. SUSPENDED ACOUSTICAL CEILINGS. N. NON-HISTORIC DOORS & DOOR FRAMES (SHOWN
- DASHED). O. NON-HISTORIC STAIRS (SHOWN DASHED). P. PLASTER & LATH: REFER TO HISTORIC NARRATIVES
- FOR SPECIFIC GUIDELINES FOR PLASTER REPAIR, WHEN REQ. FOLLOW THESE GUIDELINES FOR THE REMOVAL OR RETENTION OF PLASTER AND LATH, UNO. RETAIN AND REPAIR PLASTER AT HISTORIC INTERIOR WALLS TO REMAIN. REMOVE LOOSE OR DETERIORATED PLASTER AT MASONRY WALLS.
- Q. ROOFING DOWN TO EXG. SUBSTRATE, U.N.O. REPLACE DAMAGED/DETERIORATED SUBSTRATE AS

- R. DETERIORATED WOOD SUBFLOOR: REPLACE WITH NEW PLYWOOD SUBFLOOR, SEE PROPOSED.
- S. NON-HISTORIC CABINETRY. T. NON-HISTORIC WALL FINISHES, INCLUDING PANELING AND WALLCOVERING.
- U. MECHANICAL SYSTEMS BOILERS, FURNACES, CONDENSERS, DUCTS, VENTS, PANELS, ETC. BACK
- V. ELECTRIC SYSTEMS FIXTURES, SWITCHES, RECEPTACLES, WIRING, PANELS, ETC. BACK TO
- W.PLUMBING SYSTEMS FIXTURES, WATER HEATERS,
- DRAINS, PIPING, VENT STACKS, ETC. BACK TO SERVICE.
- GUTTERS, GUTTERBOARDS. Y. NON-HISTORIC VINYL AND ALUMINUM WINDOWS.

RETAIN HISTORIC WOOD FRAMES & BRICKMOLD. Z. VEGETATION.



EXG DOOR & FRAME TO BE REMOVED EXG WINDOW TO BE REMOVED EXG FLOOR OR WALL CONSTRUCTION TO BE REMOVED

DEMO WORK GRAPHIC KEY:

KEYNOTE

TO REMAIN

TO REMAIN

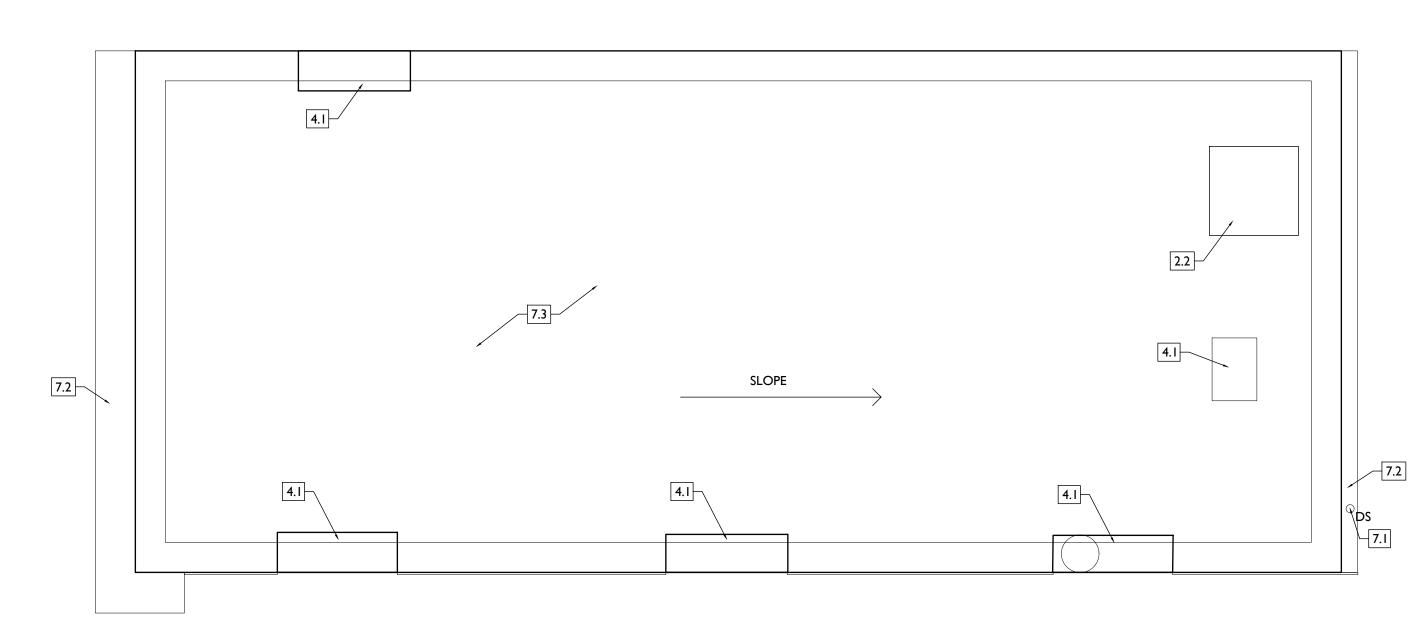
EXG INTERIOR WALL

EXG EXTERIOR WALL

__ _ _ EXG WALL/ELEMENT

— — — TO BE REMOVED







2023.04.28 - BID/PERMIT 2024.08.30 - BID SET 2

Progress Dates



Design Team:
CO, JK, MR, MR, RK, RO, SO, TB
Drawn by:
MR, AM

810 REPUBLIC **REPUBLIC**

Job No: 22042



SCALE: 1/4" = 1'-0"

KEYED NOTES

KEYED NOTES ARE CATEGORIZED FOR ORGANIZATIONAL PURPOSES ONLY. NOTES MAY REQUIRE MATERIALS OR WORK IN CATEGORIES OTHER THAN WHERE THEY OCCUR. THE CONTRACTOR IS RESPONSIBLE FOR THE WORK DESCRIBED IN ALL APPLICABLE NOTES REGARDLESS OF THE CATEGORY IN WHICH THEY OCCUR.

ALL KEYED NOTES LISTED MAY NOT APPLY TO THIS SHEET.

I. GENERAL

2. EXG CONDITIONS

- 2.1 REPAIR/RETAIN EXG FIRE ESCAPE.
- 2.2 REMOVE FRAMING & SHEATHING/DECKING IN THIS AREA. SEE STRUCTURAL DWGS & NEW WORK PLANS.
- 2.3 EXG HISTORIC EXTERIOR ORNAMENT TO REMAIN (CORNICE, BRACKET, FRIEZE, ENTABLATURE, PILASTER, ETC).
- 2.4 EXG SITE WALL/STRUCTURE TO BE REMOVED. 2.5 SEE CIVIL DRAWINGS FOR SIDEWALK/STREETSCAPE SCOPE.

3. CONCRETE 3.1 EXG CONCRETE STEPS TO BE RETAINED. REPAIR AS REQ.

4. MASONRY 4.1 EXG CHIMNEY TO REMAIN.

5. METALS 5.1 NOT USED.

6. WOOD, PLASTICS, AND COMPOSITES 6.1 EXG NON-HISTORIC WOOD STAIR TO REMAIN IN PLACE. REMOVE

- NON-HISTORIC GUARDRAIL/HANDRAIL. 6.2 EXG HISTORIC WOOD STAIR TO REMAIN IN PLACE. REMOVE NON-HISTORIC HANDRAILS. RETAIN HISTORIC BALUSTERS. REPAIR HISTORIC ELEMENTS AS REQ.
- 6.3 REPAIR/RETAIN EXG HISTORIC MANTLE & TRIM.
- 7. THERMAL AND MOISTURE PROTECTION
- 7.1 REMOVE NON-HISTORIC GUTTER & DOWNSPOUTS.
- 7.2 REPAIR/RETAIN EXG HISTORIC CORNICE & BOX GUTTER. 7.3 REMOVE EXG MEMBRANE ROOF. CONTRACTOR TO INSPECT EXG

ROOF DECKING AND REPAIR AS NEEDED.

8.1 REMOVE NON-HISTORIC WINDOW & NON-HISTORIC FRAME ENTIRELY, BACK TO MASONRY OPENING.

- 8.2 REMOVE NON-HISTORIC DOOR & FRAME ENTIRELY, BACK TO MASONRY OPENING.
- 8.3 NEW OR EXPANDED OPENING IN EXG HISTORIC WALL. SEE NEW
- 8.5 EXG HISTORIC WINDOW AND FRAME TO BE REMOVED ENTIRELY, BACK TO MASONRY OPG. ALL WINDOW COMPONENTS ARE TO BE
- FOR MORE INFORMATION. 8.7 EXG HISTORIC FRAME, AND TRANSOM TO REMAIN IN PLACE. DOOR IS TO BE RELOCATED. REPAIR AS REQ. SEE NEW WORK PLANS & DOOR TYPES/SCHEDULE FOR MORE INFORMATION.

9.1 HISTORIC PLASTER AT MASONRY WALL TO REMAIN, IF POSSIBLE.

8.4 EXG HISTORIC WINDOW AND FRAME TO REMAIN IN PLACE. REPAIR AS REQ. SEE NEW WORK PLANS AND WINDOW DETAILS. SALVAGED FOR RE-USE AT THE WEST ELEVATION. 8.6 EXG HISTORIC DOOR, FRAME, AND TRANSOM TO REMAIN IN PLACE.

REPAIR AS REQ. SEE NEW WORK PLANS & DOOR TYPES/SCHEDULE OPENINGS IN MASONRY AND EXTERIOR WALLS:

9. FINISHES

8. OPENINGS

9.2 REMOVE NON-HISTORIC FINISH FLOORING DOWN TO WOOD SUBFLOOR.

A. THIS PROJECT IS A NPS AND OHPO HISTORIC PRESERVATION TAX CREDIT PROJECT. **COORDINATE & CONFORM ALL WORK TO** THE APPROVED PART 2 NARRATIVE AND **AMENDMENTS. NO HISTORIC ELEMENTS** ARE TO BE REMOVED OR MODIFIED UNLESS SPECIFICALLY NOTED OTHERWISE.

THROUGHOUT THIS PROJECT, HISTORIC DOORS, WINDOWS, AND INTERIOR TRIM REMAINS LARGELY INTACT. HISTORIC ELEMENTS (TRIM, DOORS, ETC.) TO REMAIN OR BE SALVAGED FOR REUSE. B. IF UNEXPECTED HISTORIC TRIM IS UNCOVERED DURING DEMOLITION, STOP WORK AND CONTACT ARCHITECT IMMEDIATELY FOR

DOCUMENTATION AND POSSIBLE SHPO/NPS C. AT NEW OPENINGS AND MODIFICATIONS OF EXG K. EXG DOWNSPOUT TIE-IN LOCATIONS TO BE

- I. VERIFY ANY INFILL IS NON-LOADBEARING PRIOR TO DEMOLITION. 2. VERIFY CONDITION OF ANY EXG LINTELS. IF DAMAGED, CONTACT ARCHITECT AND
- STRUCTURAL ENGINEER. 3. PROVIDE SHORING AS REQUIRED. 4. TOOTH OUT AND KEY IN MASONRY SO CUT
- BRICK IS NOT EXPOSED, EXCEPT WHERE NOTED IN CORRIDORS. 5. EXPOSED MASONRY EDGES ARE TO BE FIRED
- EDGES U.N.O. D. AT COMPLETION OF DEMOLITION, ALL FLOORS SHALL BE SWEPT BROOM CLEAN.

ADDITIONAL INFORMATION REGARDING

ELEMENTS TO BE RETAINED: E. IN AREAS OF NEW MASONRY OPENINGS, SALVAGE HISTORIC BRICK FOR REUSE & CAREFULLY SORT AND SEPARATE HARD-FIRED FACE BRICK FROM

BRICKS AT INTERIOR WYTHES. F. RETAIN HISTORIC EXTERIOR ORNAMENT-

BEING REMOVED OR WHERE NEW FURRING IS

PROPOSED, CAREFULLY REMOVE & RETAIN

I. RETAIN HISTORIC INTERIOR AND EXTERIOR

BRICK MOULD AND SHUTTER HARDWARE.

REMOVE THE FOLLOWING, UNLESS NOTED

L. FURNITURE & DEBRIS, INTERIOR & EXTERIOR, ALL

N. NON-HISTORIC DOORS & DOOR FRAMES (SHOWN

P. PLASTER & LATH: REFER TO HISTORIC NARRATIVES

FOR SPECIFIC GUIDELINES FOR PLASTER REPAIR,

WHEN REQ. FOLLOW THESE GUIDELINES FOR THE

REMOVAL OR RETENTION OF PLASTER AND LATH,

INTERIOR WALLS TO REMAIN. REMOVE LOOSE OR

REPLACE DAMAGED/DETERIORATED SUBSTRATE AS

DETERIORATED PLASTER AT MASONRY WALLS.

Q. ROOFING DOWN TO EXG. SUBSTRATE, U.N.O.

UNO. RETAIN AND REPAIR PLASTER AT HISTORIC

O. NON-HISTORIC STAIRS (SHOWN DASHED).

FLOOR LEVELS, INCLUDING BASEMENT & ATTIC.

REUSED, UNO. CLEAR OF DEBRIS & REPAIR AS REQ.

DOORS, TRANSOMS, AND SIDELITES.

M. SUSPENDED ACOUSTICAL CEILINGS.

HISTORIC TRIM.

OTHERWISE:

DASHED).

H. RETAIN HISTORIC INTERIOR WOOD TRIM -

R. DETERIORATED WOOD SUBFLOOR: REPLACE WITH NEW PLYWOOD SUBFLOOR, SEE PROPOSED. CORNICES, FRIEZES, BRACKETS, ETC. S. NON-HISTORIC CABINETRY.

G. RETAIN HISTORIC STOREFRONT ELEMENTS -T. NON-HISTORIC WALL FINISHES, INCLUDING COLUMNS, LINTELS, THRESHOLDS, GLAZING, ETC. PANELING AND WALLCOVERING. U. MECHANICAL SYSTEMS - BOILERS, FURNACES, MANTLES, BASEBOARDS, CROWN MOULDING, CONDENSERS, DUCTS, VENTS, PANELS, ETC. BACK WALL PANELS, WAINSCOTING, WINDOW FRAMES,

TO SERVICE. DOOR FRAMES, ETC. AT WALLS WHERE PLASTER IS V. ELECTRIC SYSTEMS - FIXTURES, SWITCHES, RECEPTACLES, WIRING, PANELS, ETC. BACK TO

W.PLUMBING SYSTEMS - FIXTURES, WATER HEATERS, DRAINS, PIPING, VENT STACKS, ETC. BACK TO

SERVICE. . RETAIN HISTORIC WOOD WINDOW SASH, FRAMES. X. NON-HISTORIC DOWNSPOUTS & ALUMINUM GUTTERS, GUTTERBOARDS.

Y. NON-HISTORIC VINYL AND ALUMINUM WINDOWS. RETAIN HISTORIC WOOD FRAMES & BRICKMOLD. Z. VEGETATION.

TO REMAIN EXG INTERIOR WALL TO REMAIN __ _ _ EXG WALL/ELEMENT — — — TO BE REMOVED

EXG DOOR & FRAME TO BE REMOVED EXG WINDOW TO BE REMOVED

CONSTRUCTION

TO BE REMOVED

EXG FLOOR OR WALL

DEMO WORK GRAPHIC KEY:

KEYNOTE

EXG EXTERIOR WALL

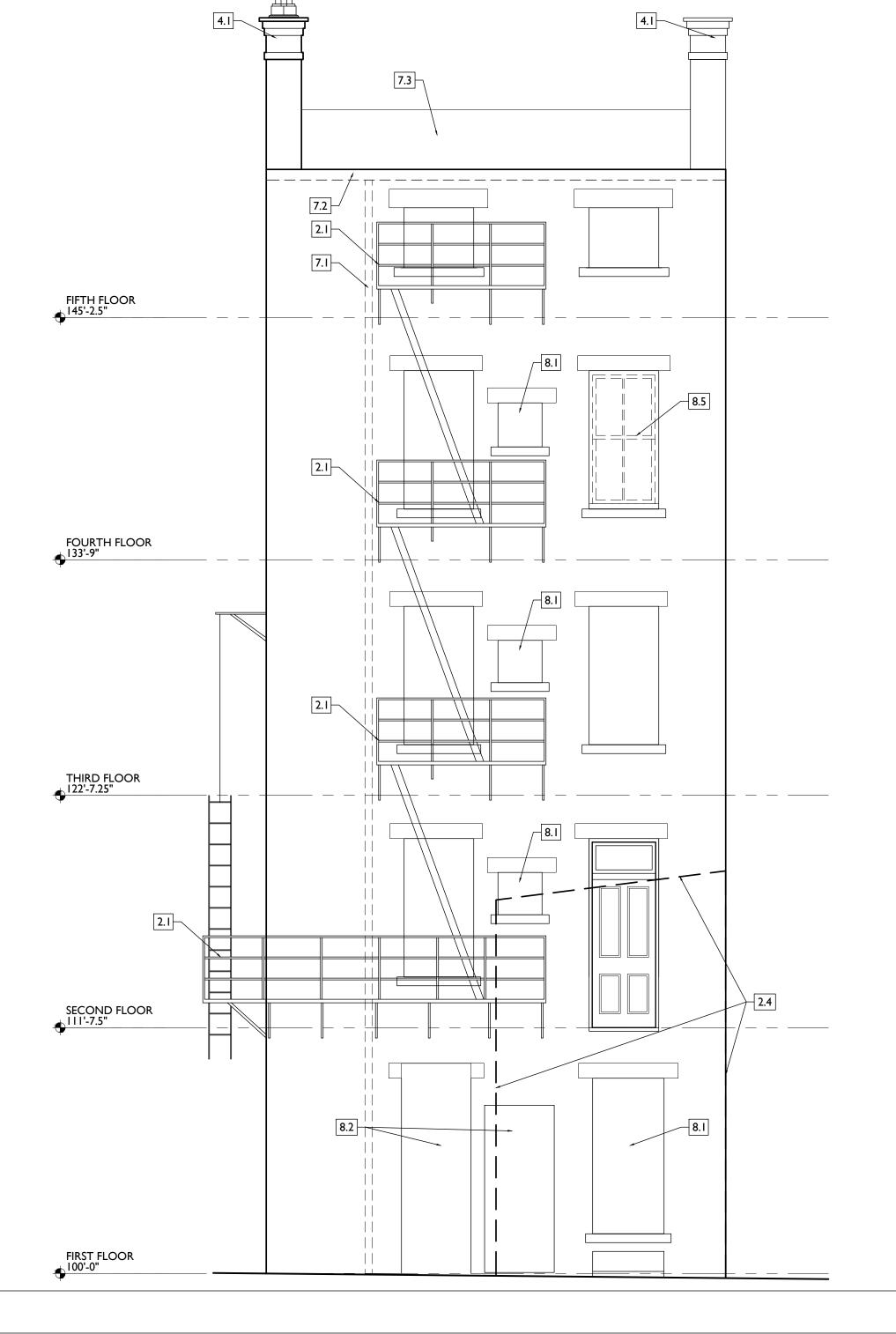
Progress Dates 2023.04.28 - BID/PERMIT 2024.08.30 - BID SET 2

Revisions

Design Team:
CO, JK, MR, MR, RK, RO, SO, TB
Drawn by:
MR, AM

REPUBLIC 0 ∞ REPUBLIC

808



DEMO GENERAL NOTES:

DEMO WORK PLANS & ELEVATIONS # KEYED NOTES:

DEMO WORK GRAPHIC KEY:

9.1 HISTORIC PLASTER AT MASONRY WALL TO REMAIN, IF POSSIBLE.

9.2 REMOVE NON-HISTORIC FINISH FLOORING DOWN TO WOOD

SUBFLOOR.

4. MASONRY

5. METALS

5.1 NOT USED.

4.1 EXG CHIMNEY TO REMAIN.

6. WOOD, PLASTICS, AND COMPOSITES

HISTORIC ELEMENTS AS REQ.

NON-HISTORIC GUARDRAIL/HANDRAIL.

6.3 REPAIR/RETAIN EXG HISTORIC MANTLE & TRIM.

7.1 REMOVE NON-HISTORIC GUTTER & DOWNSPOUTS.

7.2 REPAIR/RETAIN EXG HISTORIC CORNICE & BOX GUTTER.

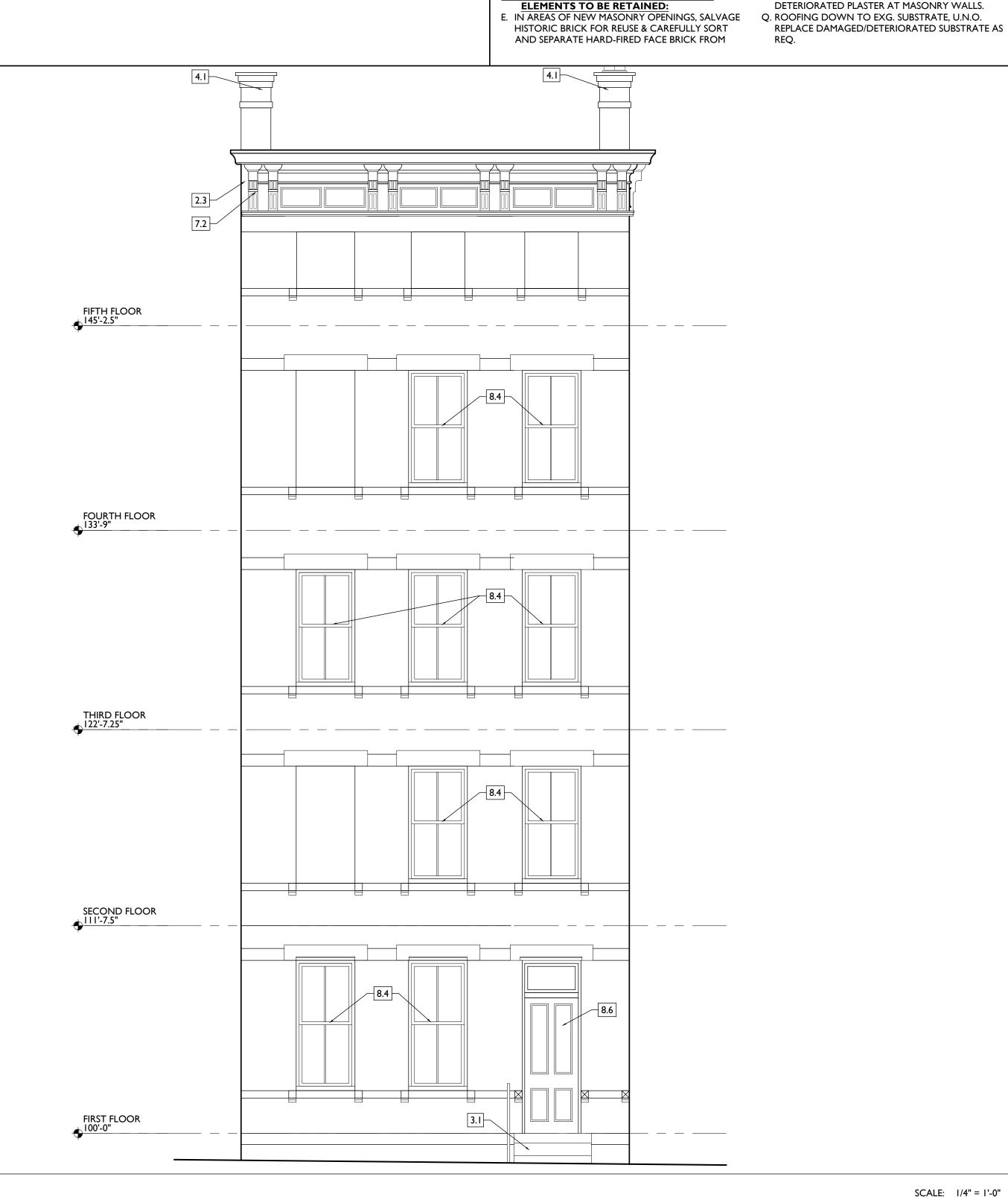
7.3 REMOVE EXG MEMBRANE ROOF. CONTRACTOR TO INSPECT EXG

7. THERMAL AND MOISTURE PROTECTION

6.1 EXG NON-HISTORIC WOOD STAIR TO REMAIN IN PLACE. REMOVE

NON-HISTORIC HANDRAILS. RETAIN HISTORIC BALUSTERS. REPAIR

6.2 EXG HISTORIC WOOD STAIR TO REMAIN IN PLACE. REMOVE



Progress Dates 2023.04.28 - BID/PERMIT 2024.08.30 - BID SET 2

Design Team:
CO, JK, MR, MR, RK, RO, SO, TB
Drawn by:
MR, AM

REPUBLIC 0 ∞ REPUBLIC

Job No: 22042 08/30/2024

808

OTHERWISE:

DASHED).

L. FURNITURE & DEBRIS, INTERIOR & EXTERIOR, ALL

N. NON-HISTORIC DOORS & DOOR FRAMES (SHOWN

P. PLASTER & LATH: REFER TO HISTORIC NARRATIVES

FOR SPECIFIC GUIDELINES FOR PLASTER REPAIR,

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O. NON-HISTORIC STAIRS (SHOWN DASHED).

M. SUSPENDED ACOUSTICAL CEILINGS.

FLOOR LEVELS, INCLUDING BASEMENT & ATTIC.

2. VERIFY CONDITION OF ANY EXG LINTELS. IF

4. TOOTH OUT AND KEY IN MASONRY SO CUT

5. EXPOSED MASONRY EDGES ARE TO BE FIRED

D. AT COMPLETION OF DEMOLITION, ALL FLOORS

ADDITIONAL INFORMATION REGARDING

BRICK IS NOT EXPOSED, EXCEPT WHERE NOTED

DAMAGED, CONTACT ARCHITECT AND

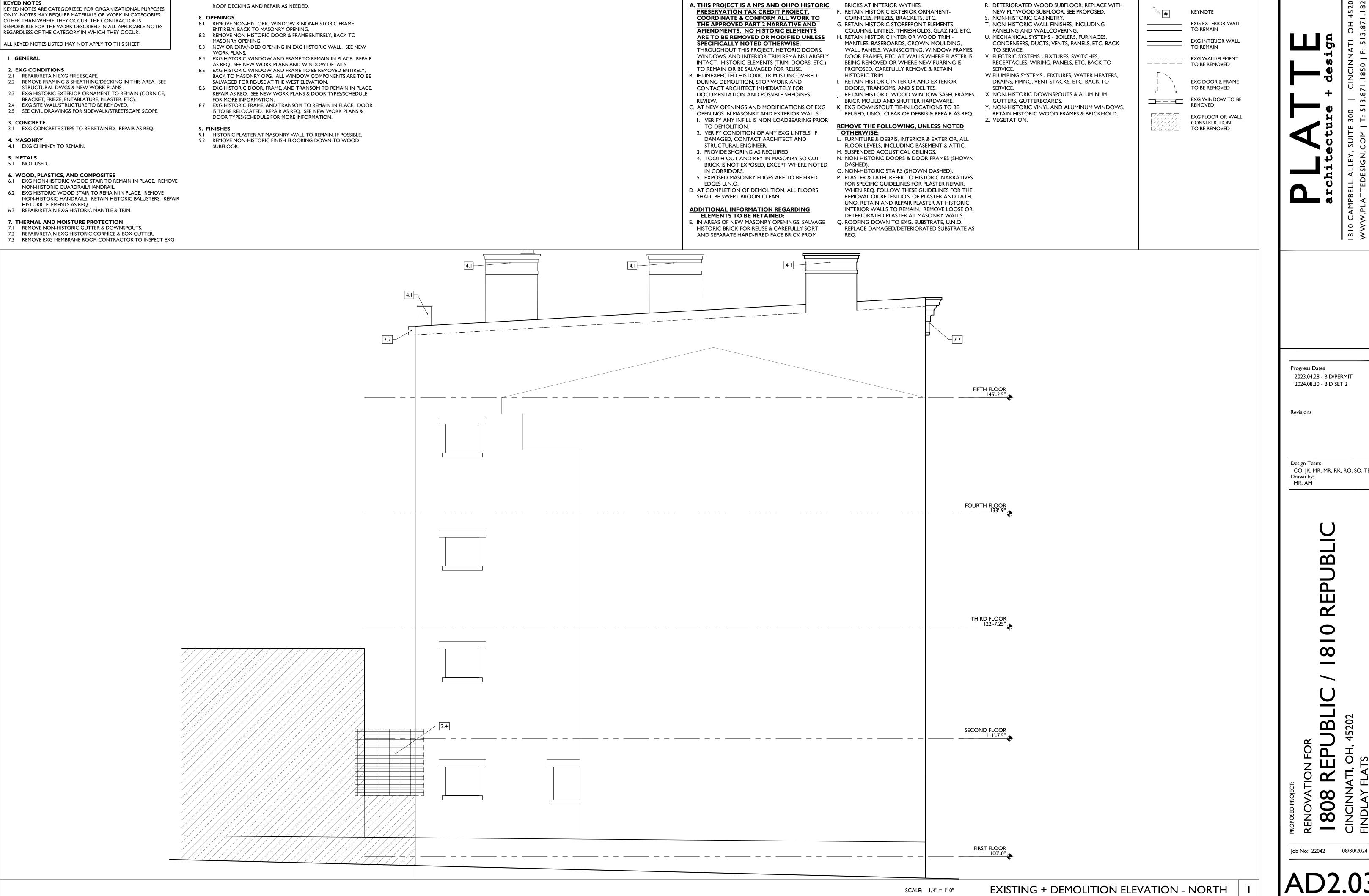
STRUCTURAL ENGINEER.

SHALL BE SWEPT BROOM CLEAN.

IN CORRIDORS.

EDGES U.N.O.

3. PROVIDE SHORING AS REQUIRED.



DEMO WORK PLANS & ELEVATIONS # KEYED NOTES:

DEMO GENERAL NOTES:

DEMO WORK GRAPHIC KEY:

2023.04.28 - BID/PERMIT 2024.08.30 - BID SET 2

Design Team:
CO, JK, MR, MR, RK, RO, SO, TB
Drawn by:
MR, AM

GENERAL NOTES:

2. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS, INCLUDING SITE CONDITIONS, ALL ERRORS, OMISSIONS, AND INCONSISTENCIES ARE TO BE REPORTED TO THE ARCHITECT BEFORE PROCEEDING WITH THE WORK. FAILURE TO DO SO WILL RELEASE THE ARCHITECT OF ALL RESPONSIBILITY. ANY CHANGES FROM THESE DOCUMENTS ARE THE RESPONSIBILITY OF THE CONTRACTOR. THESE DRAWINGS ARE NOT TO BE SCALED. IF INSUFFICIENT INFORMATION EXISTS, CONTACT THE ARCHITECT FOR CLARIFICATION BEFORE PROCEEDING WITH THE WORK. EACH CONTRACTOR SHALL VISIT THE SITE TO BECOME FAMILIAR WITH EXISTING CONDITIONS AS MAY EFFECT HIS OWN WORK, DESIGN/BUILD OR OTHERWISE.

3. BEST MANAGEMENT PRACTICES SHALL BE USED BY THE CONTRACTOR DURING DEMOLITION TO PREVENT RELEASE OF LEAD-CONTAMINATED DUST FROM DEMOLITION ACTIVITIES. ALL PAINT CHIPS AND OTHER DEBRIS OR RESIDUE SHALL BE REMOVED FROM THE PROJECT SITE AT THE COMPLETION OF DEMOLITION. STORAGE AND TRANSPORT OF MATERIALS KNOWN OR ASSUMED TO CONTAIN LEAD BASED PAINT SHALL BE COVERED TO PREVENT ACCESS TO OR RELEASE OF LEAD-CONTAMINATED DUST OR DEBRIS.

4. IT SHALL BE THE RESPONSIBILITY OF THE BUILDING OWNER TO SUPERVISE CONSTRUCTION AND INSURE THAT THESE DRAWINGS ARE COMPLIED IN THE EVENT THAT THIS ARCHITECT IS NOT RETAINED FOR SUCH SERVICES.

5. ALL WORK SHALL COMPLY WITH STATE AND LOCAL CODES, ORDINANCES AND REGULATIONS, INCLUDING THE AMERICANS WITH DISABILITIES ACT, HAVING AUTHORITY BEARING ON THE PERFORMANCE OF THE WORK, AND SHALL BE DONE TO THE HIGHEST STANDARDS OF CRAFTSMANSHIP BY EACH RESPECTIVE

6. GUARANTEES SHALL BE REQUIRED OF ALL BRANCHES OF THE WORK. CONTRACTORS TO REMEDY ANY DEFECTS IN THEIR WORK AND PAY FOR ANY RESULTANT DAMAGES TO OTHER WORK FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE.

7. CONTRACTOR SHALL SUPERVISE THE WORK DURING PROGRESS AND SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES. CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION SAFETY; COMPLIANCE TO BE IN ACCORDANCE WITH ALL STATE, FEDERAL AND O.S.H.A. REGULATIONS.

8. CONTRACTOR AND ALL SUB-CONTRACTORS SHALL MAINTAIN THE JOB CLEAR OF TRASH AND DEBRIS. ALL WASTE MATERIAL, TOOLS, CONSTRUCTION EQUIPMENT AND SURPLUS MATERIAL SHALL BE REMOVED FROM THE SITE PRIOR TO

SUBSTANTIAL COMPLETION AND FINAL ACCEPTANCE.

9. CONTRACTOR SHALL PRESENT THE PROJECT TO THE OWNER FOR ACCEPTANCE, CLEAN AND READY FOR USE. ALL GLASS TO BE CLEANED, FLOORS SWEPT BROOM CLEAN, FIXTURES WASHED AND LABELS REMOVED FROM ALL ITEMS.

10. ANY CONTRACTOR OF SUBCONTRACTOR WHO PERFORMS ANY WORK KNOWING IT TO BE CONTRARY TO APPLICABLE LAWS, ORDINANCES OR REGULATION, AND WITHOUT WRITTEN NOTICE TO THE ARCHITECT SHALL ASSUME FULL RESPONSIBILITY AND SHALL BEAR ALL ATTRIBUTABLE COSTS.

II. IN THE EVENT OF ANY CONFLICT BETWEEN ARCHITECTURAL DRAWINGS OR SPECIFICATIONS AND STRUCTURAL DRAWINGS OR SPECIFICATIONS, STRUCTURAL SHALL GOVERN.

12. PROIECT IS TO RECEIVE HISTORIC TAX CREDITS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO BE WELL VERSED IN THE APPROVED PART 2 AND SUBSEQUENT AMENDMENTS, AND TO INFORM SUBCONTRACTORS OF ANY CHANGES /APPROVALS DURING THE BIDDING AND THE CONSTRUCTION PHASES.

GENERAL NOTES: ALL TRADES

I. FURNISH ALL LABOR, MATERIAL AND APPURTENANCES NECESSARY FOR A COMPLETE AND OPERATIONAL SYSTEM AS SHOWN OR REQUIRED.

2. ALL WORK SHALL CONFORM TO APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION. EACH CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS, TESTS AND INSPECTIONS FOR HIS OWN WORK AS REQUIRED BY AUTHORITIES HAVING JURISDICTION.

3. PERFORM ALL TESTS, ADJUSTMENTS, ETC. AS REQUIRED BY EQUIPMENT MANUFACTURER OR AUTHORITIES HAVING JURISDICTION.

4. CONTRACTORS SHALL VISIT SITE TO BECOME FAMILIAR WITH EXISTING CONDITIONS AS MAY EFFECT HIS OWN WORK, EACH CONTRACTOR SHALL COORDINATE HIS OWN WORK WITH THAT OF OTHER TRADES. 5. EACH CONTRACTOR SHALL FURNISH ALL CUTTING AND PATCHING REQUIRED FOR HIS OWN WORK. NO CUTTING SHALL BE PERFORMED WITHOUT PRIOR APPROVAL OF GENERAL CONTRACTOR.

6. WORKMANSHIP SHALL REPRESENT THE HIGHEST STANDARD OF THE INDUSTRY. GUARANTEE ALL MATERIAL AND WORKMANSHIP FOR A PERIOD OF ONE YEAR AFTER ACCEPTANCE.

GENERAL CONDITIONS

CONTRACT DOCUMENTS: INCLUDE THESE GENERAL CONDITIONS FOR CONSTRUCTION, DRAWINGS, SCHEDULES, AND SPECIFICATIONS PREPARED BY THE ARCHITECT AND CONTAINED HEREIN, AND ALL WRITTEN ADDENDA OR OTHER MODIFICATIONS ISSUED SUBSEQUENTLY BY THE ARCHITECT. THE CONTRACT DOCUMENTS SHALL NOT BE CONSTRUED TO CREATE ANY CONTRACTUAL RELATIONSHIP OF ANY KIND BETWEEN THE ARCHITECT AND THE CONTRACTOR.

I. CONTRACTOR TO VERIFY ALL DIMENSIONS AND INFORMATION IN THESE DRAWINGS.

CONTRACT MODIFICATIONS: THESE CONTRACT DOCUMENTS SHALL NOT BE FURTHER MODIFIED BY ANY TERMS OR CONDITIONS OTHER THAN THOSE LISTED HEREIN OR IN THE SPECIFICATIONS, OR IN ANY WRITTEN AGREEMENTS EXECUTED BY THE OWNER, CONTRACTOR AND SUBCONTRACTORS.

NOTES WRITTEN IN THE IMPERATIVE MOOD REFER TO ACTION TO BE PERFORMED BY THE CONTRACTOR. THE WORDS "THE CONTRACTOR SHALL" ARE ALWAYS IMPLIED, IF NOT STATED, UNLESS OTHERWISE NOTED. THE TERM "CONTRACTOR" SHALL ALSO APPLY TO ALL SUBCONTRACTORS OF THE CONTRACTOR.

THE CURRENT EDITION OF AIA DOCUMENT A101 SHALL BE THE FORM OF AGREEMENT TO BE SIGNED BY THE OWNER AND GENERAL CONTRACTOR, UNLESS THE OWNER AND CONTRACTOR MUTUALLY AGREE OTHERWISE. GENERAL CONDITIONS CONTAINED IN AIA DOCUMENT A201 SHALL

BEST MANAGEMENT PRACTICES SHALL BE EMPLOYED TO CONTROL EROSION DURING CONSTRUCTION AND UNTIL FINAL COVER IS ESTABLISHED.

THE CONTRACTOR SHALL BE NOTIFIED, BOTH VERBALLY AND THROUGH NOTATIONS ON THE FINAL CONST. DWG, THAT WORK SHALL BE HALTED AT A LOT IF INDICATORS OF CONTAMINATION (FILL OTHER THAN "CLEAN FILL", DISCOLORED SOILS OR CHEMICAL/ PETROLEUM ODORS) ARE IDENTIFIED DURING CONST. TO ALLOW FOR A OUALIFIED ENVIRONMENTAL PROFESSIONAL TO INSPECT THE LOT AND MAKE RECOMMENDATIONS REGARDING APPROPRIATE ACTIONS.

ANY WATER WELLS OR SEPTIC SYSTEMS IDENTIFIED DURING SITE DEVELOPMENT SHALL BE ABANDONED AS REOUIRED BY OAC 3745-9-10 OR 3701-29-21, AS APPLICABLE, AND AFTER CONSULTATION W/ THE LOCAL HEALTH DEPARTMENT.

DEFINITIONS:

"CONTRACTOR": THE PERSON OR ENTITY CONSTRUCTING THE DESIGNATED WORK.

"OWNER": THE PERSON OR ENTITY THAT OWNS THE BUILDING BEING RENOVATED. THE TERM "OWNER" INCLUDES HIS DESIGNATED AND AUTHORIZED AGENTS AND REPRESENTATIVES.

"WORK": THE TERM "WORK" MEANS OBLIGATIONS UNDERTAKEN BY THE CONTRACTOR PURSUANT TO THE CONTRACT DOCUMENTS. WORK INCLUDES THE FURNISHING OF ALL MATERIAL, LABOR, EQUIPMENT, SUPPLIES, TOOLS, SCAFFOLDING, SUPERVISION, TRANSPORTATION, INSURANCE, TAXES AND ALL OTHER SERVICES, INCIDENTALS AND EXPENSES NECESSARY FOR THE FULL PERFORMANCE AND COMPLETION OF THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.

"PROJECT": THE PROJECT IS THE TOTAL CONSTRUCTION OF WHICH THE WORK PERFORMED UNDER THE CONTRACT DOCUMENTS MAY BE THE WHOLE OR A PART.

"CONTRACT DOCUMENTS": THE INTENT OF THE CONTRACT DOCUMENTS IS TO INCLUDE ALL ITEMS REQUIRED FOR COMPLETION OF THE WORK, INCLUDING DRAWINGS AND SPECIFICATIONS. ALTHOUGH THE CONTRACT DOCUMENTS HAVE BEEN PREPARED WITH DUE CARE AND DILIGENCE, PERFECTION CANNOT BE GUARANTEED. THE CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF THE VARIOUS PARTS OF THE WORK SO THAT NO PART SHALL BE IN AN UNFINISHED OR INCOMPLETE CONDITION.

DRAWINGS PREPARED BY OTHERS:

ARCHITECTURAL, CIVIL, STRUCTURAL, MECHANICAL AND ELECTRICAL DWGS SHALL BE WORKED TOGETHER, INCLUDING THE LOCATION OF DEPRESSED SLABS, SLOPES, DRAINS, REGLETS, BOLT SETTINGS, ETC. ANY DISCREPANCY SHALL BE REPORTED TO THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.

SHOP DWGS PREPARED BY OTHER CONTRACTORS MAY BE REQUIRED TO SUPPLEMENT THE CONTRACT DOCUMENTS. SUCH DWGS ARE FURNISHED FOR THE CONTRACTOR'S INFORMATION AND COORDINATION ONLY.

GENERAL NOTES: PROPOSED WORK

- A. THIS IS A HISTORIC TAX CREDIT PROJECT. WORK MUST COMPLY W/ APPROVED PART 2, NCLUDING AMENDMENTS
- B. NO HISTORIC ELEMENTS SHALL BE REMOVED/MODIFIED UNLESS SPECIFICALLY INDICATED IN ARCH PLANS.
- REPAIR OR REPLACE EXG DAMAGED OR DETERIORATED FLOOR FRAMING &/OR WOOD SUBFLOOR - PER STRUCT DWGS.
- D. HISTORIC TRIM TO BE RETAINED, U.N.O. SEE DEMO & PROPOSED PLANS. E. RETAIN ANY REMAINING HISTORIC WOOD WINDOW SASH, FRAMES, BRICKMOLD &
- SHUTTER HARDWARE, U.N.O. SEE DEMO & EXTERIOR ELEVATIONS. REPAIR MATERIALS THAT ARE DETERIORATED OR HAVE MOISTURE/FIRE DAMAGE AS REQ. IF
- DAMAGE IS SEVERE AND HISTORIC ELEMENTS ARE NON-SALVAGEABLE, COORDINATE REPLACEMENT ELEMENTS WITH ARCHITECT.
- G. SEE CODE SHEETS FOR ROOF/FLOOR/CEILING ASSEMBLY LOCATIONS & PARTITION SCHEDULE FOR TYPES.
- H. PENETRATIONS OF RATED ASSEMBLIES TO BE PROTECTED PER SECTION 713.3 & 713.4 OBC.
- COORD W/ MEP DWGS. PROVIDE FIRE BLOCKING PER 717.2 OBC.
- PROVIDE DRAFTSTOPPING IN FLOORS, CLGS/ROOFS & ATTICS PER OBC. PROVIDE BLOCKING FOR SHELVING, CABINETS AND BATHROOM ACCESSORIES AND GRAB BARS. SEE PLANS AND INTERIOR ELEVATIONS.
- USE PRESSURE TREATED WOOD IN THE FOLLOWING LOCATIONS: - EXTERIOR APPLICATIONS. - IN BASEMENTS.
- WOOD IN CONTACT WITH MASONRY, STONE, OR CONCRETE. - AT ANY NEW FRAMING IN CONTACT W/ MASONRY OR FOUNDATION WALL, PROVIDE SEPARATION/ JOIST & BEAM END WRAPS.
- M. EXTERIOR TRIM, SOFFITS, CORNICE AND STOREFRONT ELEMENTS TO BE REPAIRED/RETAINED/REPLACED AND PAINTED AS NOTED IN DRAWINGS. EXG. UN-PAINTED BRICK AND STONE TO REMAIN UNPAINTED. SEE EXTERIOR ELEVATIONS FOR
- SCOPE OF WORK. COORD COLORS DIRECTLY W/ ARCHITECT. N. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR LOCATION AND CONNECTIONS OF ALL MEP EQUIPMENT.
- O. PROVIDE SLEEVES THROUGH EXG. BRICK WALL IN ATTIC AS REQUIRED FOR HVAC LINE-SET INSTALLATION.
- ADDITIONAL OPENINGS IN EXTERIOR WALLS WILL BE REQUIRED FOR VARIOUS MEP DUCTS/PIPES/ETC, AND ARE NOT SHOWN ON ARCH & STRUCT PLANS. COORD W/ MEP
- PLANS. CONTACT ARCHITECT FOR PLACEMENT. Q. PROVIDE FIRE EXTINGUISHERS PER CODE SUMMARY & NFPA REQS. COORD W/ FIRE
- R. FASTENERS INTO EXISTING HISTORIC MASONRY WALLS ARE TO BE FASTENED INTO MORTAR JOINTS.
- S. EXTERIOR STEEL TO BE DUPLEX-FINISH (GALVANIZED, WITH HIGH-PERFORMANCE
- COMPATIBLE EPOXY PAINT). REPAIR & RESEAL AROUND EXG. CHIMNEYS, TYP. AS REQ. PROVIDE NEW ALUM CAP, TYP.
- U. EXTERIOR WOOD TO BE PRESSURE TREATED WHERE INFILLING EXISTING OPENINGS IN, OR EXTENDING THE LENGTH OF AN EXISTING WOOD FRAMED PARTITION, FINISH FACES OF THE NEW CONSTRUCTION ARE TO ALIGN WITH ADJACENT EXISTING FINISH FACES ON BOTH SIDES.
- W. SHEET METAL WORK TO COMPLY WITH SMACNA ARCHITECTURAL SHEET METAL MANUAL. X. FLASH AND SEAL NEW ROOF PENETRATIONS THROUGH EXISTING ROOF, EMPLOY INSTALLERS ACCEPTABLE TO EXISTING ROOF MANUFACTURER AND COMPLY WITH EXISTING ROOF MANUFACTURER REQUIREMENTS TO MAINTAIN EXISTING ROOF
- WARRANTY BASEMENTS TO BE TESTED FOR RADON EXPOSURE. PROVIDE VAPOR MITIGATION SYSTEM BELOW BASEMENT SLAB AS REQUIRED. CONNECT TO VERTICAL VENTS INDICATED IN
- FLOOR PLANS. Z. MASONRY WORK: REFER TO PART 2 SHPO NARRATIVES AND STRUCTURAL DRAWINGS FOR FULL EXTENT AND SCOPE FOR MASONRY CLEANING, TUCK-POINTING, REPAIR, REPLACEMENT, AND PAINTING.
- AA. MASONRY CLEANING: CONTRACTOR SHALL PERFORM MASONRY CLEANING WORK IN ACCORDANCE WITH PRESERVATION BRIEF 6 - "DANGERS OF ABRASIVE CLEANING TO HISTORIC BUILDINGS." CONTRACTOR SHALL CLEAN EXISTING MASONRY THROUGHOUT USING THE GENTLEST MEANS POSSIBLE AND SHALL START EACH NEW METHOD OF CLEANING (E.G. BY BRUSH, WITH DETERGENT, WITH WATER PRESSURE, ETC.) IN DISCRETE AREA OF EACH WALL. CONTRACTOR SHALL BEGIN BY CLEANING WITH WATER AND NATURAL BRISTLE BRUSHES. CONTRACTOR SHALL THEN CLEAN ANY AREAS THAT REQUIRE FURTHER CLEANING USING NON-ABRASIVE, NON-ACIDIC DETERGENTS WITH NATURAL BRISTLE BRUSHES. CONTRACTOR SHALL THEN CLEAN ANY AREAS THAT REQUIRE FURTHER CLEANING USING NON-ABRASIVE, NON-ACIDIC DETERMENTS WITH LOW PRESSURE WATER (STARTING AT 20 PSI AT TIP). UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR USE PRESSURE WASHING WITH GREATER THAN 40 PSI AT TIP. CLEANING SHALL BE PERFORMED EVENLY THROUGHOUT THE ENTIRETY OF EACH WALL. WALLS WHERE STUCCO / PARGING IS TO REMAIN SHALL NOT BE CLEANED WITH PRESSURE WASHING. REMOVE EXISTING LOOSE STUCCO / PARGING BY HAND WITH BRUSHES. PRESERVATION BRIEF 6 - "DANGERS OF ABRASIVE CLEANING TO HISTORIC BUILDINGS: HTTPS://WWW.NPS.GOV/TPS/HOW-TO-PRESERVE/BRIEFS/6-DANGERS-ABRASIVE-CLEANING.HTM
- AB. PARGING: CONTRACTOR TO TEST AND ASSESS THE INTEGRITY OF EXISTING STUCCO / PARGING ON EXISTING MASONRY WALLS. ANY STUCCO / PARGING TO REMAIN MUST BE SECURELY HELD TO EXISTING MASONRY WALL. ANY STUCCO / PARGING THAT IS NOT SECURELY HELD TO MASONRY WALL SHALL BE REMOVED THROUGH GENTLEST MEANS POSSIBLE (SEE MASONRY CLEANING ABOVE). NEW STUCCO / PARGING SHALL BE INSTALLED WHERE EXISTING STUCCO / PARGING HAS BEEN REMOVED, AND AS INDICATED ON THE DRAWINGS, INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S HIGHEST RECOMMENDATIONS USING ALL ASSOCIATED COMPONENTS FOR FLASHING, PENETRATIONS, ETC. STUCCO / PARGING SHALL BE INSTALLED ON MASONRY JAMB SURFACES OF NEW DOOR AND WINDOWS OPENINGS UP TO THE WINDOW / DOOR UNIT. NEW STUCCO/ PARGING SHALL MATCH EXISTING IN TEXTURE AND COLOR. NEW STUCCO / PARGING SHALL BE A THREE-COAT SYSTEM (SCRATCH COAT, BROWN COAT AND FINISH COAT) WITH A GLASS FIBER REINFORCED LATH. BASIS-OF-DESIGN IS "SENERGY" BRAND, "SENERGY SENTRY STUCCO WALL SYSTEM PERMALATH 1000" WITH PRE-MIXED "SENTRY STUCCO BASE" AND "SENERLASTIC" FINISH COAT WITH TEXTURE TO
- MATCH EXISTING. CONTROL JOINTS TO BE ALIGNED WITH OPENINGS. AC. GYPSUM BOARD: SEE PARTITION SCHEDULE. MOLD & MOISTURE RESISTANT GYPSUM
- BOARD IN ALL WET AREAS RESTROOMS, KITCHENS, LAUNDRY, BASEMENTS. AD. STORM WINDOWS: FRAME WIDTH CANNOT REDUCE THE DAYLIGHT OPENING OF THE WINDOW & THE CENTER CHECK RAIL MUST ALIGN WITH THE WINDOW CENTER CHECK RAIL. NO SCREENS.
- AE. PROVIDE UNIT ENTRY SIGNAGE PER FINISH SCHEDULE AT EACH RESIDENTIAL UNIT ENTRY. FINAL LOCATION TO BE DETERMINED BY OWNER. IF MOUNTING ON DOOR, ENSURE INSTALLATION DOES NOT VOID RATING OF DOOR ASSEMBLY.
- AF. PROVIDE BLINDS AT RESIDENTIAL UNITS PER FINISH SCHEDULE. QUANTITY AND LOCATIONS BY OWNER.
- AG. SUBCONTRACTOR TO PROVIDE RECOMMENDED ALLOWANCE FOR PLASTER REPAIR. AH. ALL NEW WORK DIMENSIONS ARE TAKEN FROM FACE OF STUD, U.N.O. DIMENSIONS FROM EXG WALLS TO REMAIN ARE TAKEN FROM FINISH FACE OF PLASTER, U.N.O.

Progress Dates 2023.04.28 - BID/PERMIT 2024.08.30 - BID SET 2

CO, JK, MR, MR, RK, RO, SO, TB Drawn by: MR, AM

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ALL KEYED NOTES LISTED MAY NOT APPLY TO THIS SHEET.

- 3.1 NEW CONCRETE SLAB. SLOPE TO DRAIN, AND CONNECT FLOOR DRAINS SEWER. SEE STRUCTURAL DRAWINGS. 3.2 VAPOR MITIGATION SYSTEM BELOW SLAB, AS REQUIRED BY
- DETAILS AND LOCATIONS OF VERTICAL VENTS. SEE NOTE 22.1. 3.3 EXG OPENING TO BASEMENT TO BE CAPPED WITH CONCRETE AT GRADE. WALL TO BE INFILLED W/ CMU AND BRICK - SEE

OWNER'S CONSULTANT. SEE CONSULTANT DESIGN FOR SYSTEM

DETAILS AND KEYNOTE 4.3. IF IN PUBLIC R.O.W. COMPLY W/ LOCAL JURISDICTION STANDARDS. 3.4 FLOOR IN THIS AREA IS UNSTABLE. SEE STRUCTURAL DWGS.

- 4.1 TUCKPOINT BRICK AS SHOWN ON STRUCTURAL ELEVATIONS & PER SHPO NARRATIVE. SEE STRUCTURAL DWGS. 4.2 REPLACE DAMAGED/MISSING BRICK AS SHOWN ON STRUCTURAL 8.1 EXG HISTORIC DOOR AND FRAME/TRANSOM TO REMAIN. SEE 10.8 SHOWER NICHE, SEE ENLARGED PLANS, INTERIOR ELEVATIONS
- ELEVATIONS & PER SHPO NARRATIVE. 4.3 OPENING TO BE INFILLED WITH CMU AT INTERIOR AND BRICK 8.2 AT EXTERIOR. BRICK IS TO MATCH EXG ADJACENT HISTORIC BRICK IN SIZZE, TEXTURE, AND APPEARANCE. FACE OF BRICK IN 8.3 EXISTING HISTORIC DOOR TO REMAIN AND BE FIXED IN PLACE. 10.10 FIRE ESCAPE ACCESS WINDOW. OPG IS TO BE SET BACK I" FROM FACE OF EXG WALL. SEE DETAILS.

5. METALS

- 5.1 NEW CONTINUOUS STEEL PIPE HANDRAIL. SEE DETAILS.
- 5.2 NEW STEEL PIPE GUARDRAIL. SEE DETAILS. 5.3 REPAIR/RETAIN EXG FIRE ESCAPE. PAINT BLACK.

6. WOOD, PLASTICS, AND COMPOSITES REPAIR DAMAGED WOOD STAIR TREADS/RISERS AS REQ'D.

- NEW RAKE TRIM & GUTTERBOARD TO MATCH EXISTING SEE ELEVATIONS.
- 6.3 REPAIR/RETAIN EXG CORNICE. REPAINT. 6.4 NEW WOOD STRUCTURAL MEMBERS. SEE STRUCTURAL DWGS. 6.5 NEW FRAMING/SHEATHING/DECKING IN THIS AREA. SEE STRUCTURAL DRAWINGS.

7. THERMAL AND MOISTURE PROTECTION REPAIR/RE-LINE EXG BOX GUTTER.

- NEW ROUND ALUMINUM DOWNSPOUT PAINTED TO MATCH 10. SPECIALTIES EXISTING SEWER SYSTEM. 7.3 NEW PVC AT LOWER 6' OF DOWNSPOUT. PAINT TO MATCH
- DOWNSPOUT. 7.4 NEW FULLY ADHERED WHITE TPO MEMBRANE ROOF W/ CRICKETS WHERE REQUIRED FOR POSITIVE DRAINAGE AND W/ TERMINATION BARS & METAL COUNTERFLASHING - SEE ROOF DETAILS. INSULATION PER SCHEDULE. B.O.D - 60 MIL WHITE TPO.
- FULLY ADHERED ROOF SYSTEM, 20 YEAR WARRANTY, BY CARLISLE SYNTEC, CARLISLE, PA, OR EQUIVALENT. NEW ROOF ACCESS HATCH. INSTALL PER MANUF'S INSTRUCTS.
- BASIS OF DESIGN = BILCO E50TB, 36"X36". PROVIDE NEW DARK BRONZE METAL CAP AT CHIMNEY. 7.7 HATCHED AREA SHOWS APPROXIMATE LOCATION OF NEW FIXED ROOF WALKWAY PADS.

8. OPENINGS

- DOOR TYPES AND SCHEDULE.
- NEW EXTERIOR BUILDING ENTRY DOOR AND FRAME SEE DOOR 10.9 RECESSED KEY LOCK BOX BASIS OF DESIGN KNOXBOX 3200. SCHEDULE.
- FIRE RATING TO BE CONTINUOUS BEHIND DOOR. SEE DOOR SCHEDULE AND DETAILS. 8.4 NEW DOOR IN EXISTING HISTORIC FRAME/TRANSOM. FIRE
- RATING TO REMAIN CONTINUOUS BEHIND TRANSOM. SEE DOOR SCHEDULE AND DETAILS. 8.5 RELOCATED HISTORIC DOOR/OPG. SEE DOOR SCHEDULE.

8.6 RELOCATED HISTORIC WINDOW SEE WINDOW TYPES AND

DETAILS.

- 9. FINISHES 9.1 EXG PLASTER AT MASONRY WALL TO BE PATCHED AND REPAIRED, WHERE POSSIBLE.
- 9.2 FIRE-RATING TO BE CONTINUOUS BEHIND PLUMBING/CHASE/ FURRING WALL. FIRE RATING TO BE CONTINUOUS AT INTERSECTION W/ NON-RATED WALL. 9.3 NEW HARDWOOD FLOORING.
- 9.4 SUPPORTING CONSTRUCTION TO BE RATED. SEE DETAILS "4" & "5" ON SHEET A6.02.

- ADJACENT WALL SURFACE. SEE EXTERIOR ELEVATIONS. TIE INTO 10.1 LOCKABLE & RECESSED MAILBOXES. BOXES TO MEET USPS-4C STANDARDS & ACCESSIBILITY REQUIREMENTS. PROVIDE CONT FIRE-RATING BEHIND MAILBOXES, WHEN REO.
 - 10.2 ENTRY SYSTEM CALLBOX B.O.D. = "2N ACCESS CONTROL" 10.3 CLOSETS W/ BLOCKING AT RODS & BRACKETS. PROVIDE 12" MELAMINE SHELF & CLOTHES ROD @ 66" A.F.F.; TYP U.N.O.: A. TYP. REACH-IN CLOSET B. WALK-IN CLOSET.
 - C. ABOVE W/D. 10.4 PROVIDE "NO SMOKING" SIGN AT EXTERIOR WALL. 10.5 FIRE EXTINGUISHER. COORDINATE FINAL LOCATION WITH LOCAL FIRE MARSHAL.
 - A. SURFACE MOUNTED. B. IN SINK CABINET IN RESIDENTIAL UNIT, TYPICAL.
 - 10.6 PROVIDE DRAIN PAN BENEATH WASHING MACHINE/ WATER HEATER. SEE PLUMBING DWGS. 10.7 NOT USED.
 - AND DETAIL I/A5.00.
 - INSTALL PER MANUF'S INSTRUCTS. COORDINATE WITH FIRE DEPT.

21. FIRE SUPPRESSION

21.1 APPROX LOCATION OF FDC CONNECTION - COORDINATE W/ FIRE DEPT.

WITH ELECTRICAL AND FIRE PROTECTION SYSTEMS.

21.2 SPRINKLER RISER. SEE PLUMBING DWGS. 21.3 EXTERIOR TAMPER/FLOW NOTIFICATION DEVICE - COORDINATE

- 22.1 PROVIDE RADON RISER, AS REQUIRED BY OWNERS CONSULTANT. RISER TO EXTEND FROM BASEMENT TO ATTIC. SEE CONSULTANT DESIGN FOR LOCATIONS OF RISERS. SEE NOTE
- 3.2. COORDINATE WITH PLUMBING. 22.2 PLUMBING CHASE (OR WALL) - VERIFY LOCATIONS IN FIELD TO
- ALIGN CONCEALMENT BETWEEN FLOORS. 22.3 HOSEBIB LOCATION. SEE PLUMBING DRAWINGS.

23. HEATING, VENTILATING, AND AIR CONDITIONING 23.1 MECHANICAL UNIT(S) - WALKING PADS TO & AROUND

- EQUIPMENT. GUARDRAIL REQUIRED IF EQUIPMENT < 10' FROM ROOF EDGE. SEE HVAC & STRUCTURAL DWGS. A. ROOF <3:12, INSTALL C.U. ON SOUND ISOLATING PADS B. ROOF > 3:12, INSTALL C.U. ON MECHANCIAL PLATFORM
- CONDENSING UNIT(S) ON MECHANICAL PLATFORM. SOUND ISOLATE MECHANICÀL PLATFORM. SEE MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR PROPER SPACING.
- 23.2 NEW EXHAUST/INTAKE LOUVERS ON EXTERIOR WALL. LOUVERS TO BE PAINTED TO MATCH ADJACENT BRICK. SEE ELEVATIONS AND MECHANICAL DWGS.
- 23.3 NEW FIRE-RATED SHAFT FOR LINESETS, ABOVE. SEE 9/A6.02 AS

26. ELECTRICAL

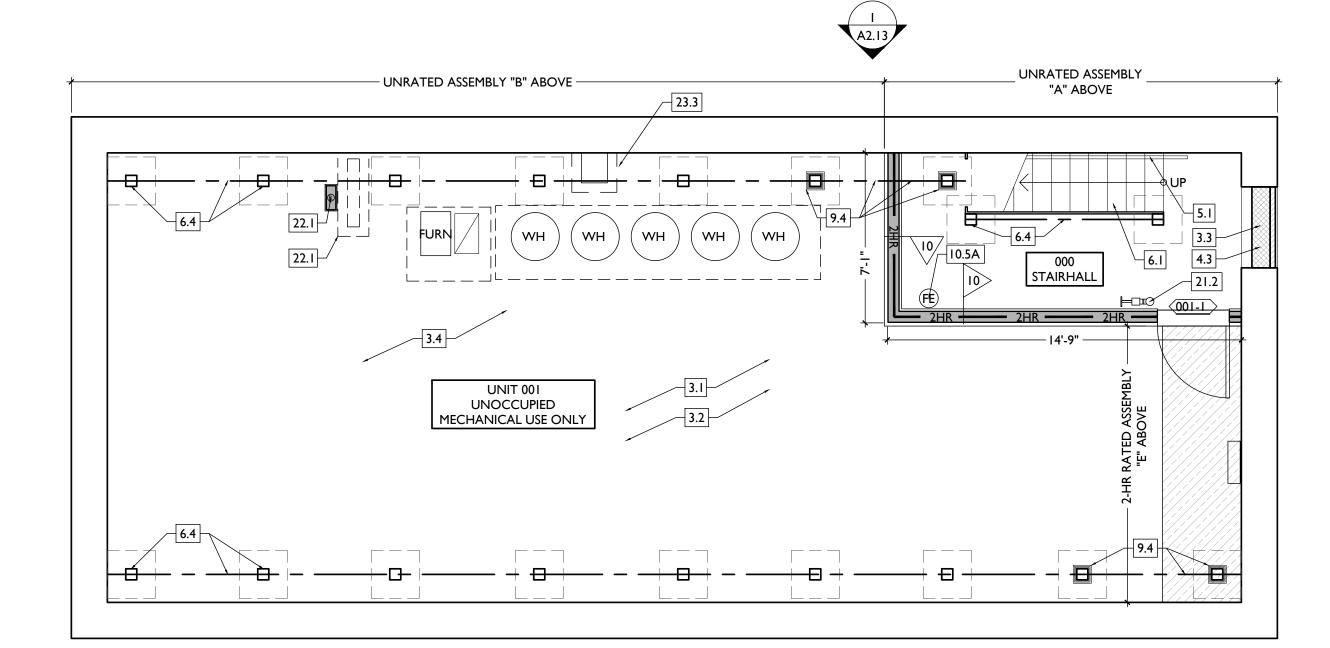
- 26.1 ELECTRIC PANEL RECESSED IN WALL W/ 30"W X 36"D CLEAR IN FRONT. PAINT TO MATCH ADJACENT WALL W APPROPRIATE
- PAINT TYPE FOR PANEL. 26.2 NEW EXTERIOR LIGHTING. NO EXPOSED CONDUIT ON FACE OF
- 26.3 NEW MAST HEAD. SEE ELECTRICAL DWGS.

4 KEYNOTE. NEW PARTITION WALL. NEW MASONRY WALL. OBJECT OVERHEAD. — IHR — I-HR FIRE RATING. — 2HR — 2-HR FIRE RATING. NEW FLOOR & FRAMING TO MATCH ADJ - SEE STRUCT DWGS. NEW GYP BD SOFFIT/ BULKHEAD/ DROPPED CLG - SEE RCPS. AREA OF ATYPICAL FIRE-RATED ASSEMBLY ABOVE. 100A DOOR TAG. SEE SCHEDULE. WINDOW DESIGNATION. STOREFRONT DESIGNATION. <\$FA> EMERGENCY EGRESS EXIT. OPG CONTAINS TEMPERED GLAZING. SINGLE HUNG OPG - UPPER SASH TO BE FIXED WITHIN 3'-0" OF EXHAUST. *X'-X" ELEVATION TAG.

NEW WORK GRAPHIC KEY:

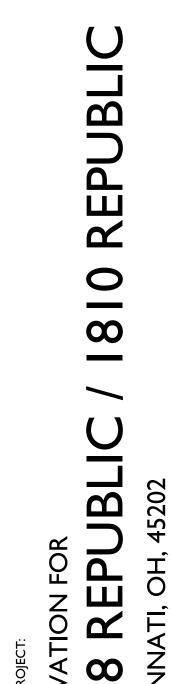
PARTITION TYPE - TYPE I U.N.O.











Progress Dates

2023.04.28 - BID/PERMIT 2024.08.30 - BID SET 2

Design Team: CO, JK, MR, MR, RK, RO, SO, TB Drawn by: MR, AM

ALL KEYED NOTES LISTED MAY NOT APPLY TO THIS SHEET.

3. CONCRETE

3.1 NEW CONCRETE SLAB. SLOPE TO DRAIN, AND CONNECT FLOOR DRAINS SEWER. SEE STRUCTURAL DRAWINGS. 3.2 VAPOR MITIGATION SYSTEM BELOW SLAB, AS REQUIRED BY OWNER'S CONSULTANT. SEE CONSULTANT DESIGN FOR SYSTEM

- DETAILS AND LOCATIONS OF VERTICAL VENTS. SEE NOTE 22.1. 3.3 EXG OPENING TO BASEMENT TO BE CAPPED WITH CONCRETE AT GRADE. WALL TO BE INFILLED W/ CMU AND BRICK - SEE DETAILS AND KEYNOTE 4.3. IF IN PUBLIC R.O.W. COMPLY W/
- LOCAL JURISDICTION STANDARDS. 3.4 FLOOR IN THIS AREA IS UNSTABLE. SEE STRUCTURAL DWGS.

4.1 TUCKPOINT BRICK AS SHOWN ON STRUCTURAL ELEVATIONS & PER SHPO NARRATIVE. SEE STRUCTURAL DWGS. ELEVATIONS & PER SHPO NARRATIVE.

4.3 OPENING TO BE INFILLED WITH CMU AT INTERIOR AND BRICK 8.2 AT EXTERIOR. BRICK IS TO MATCH EXG ADJACENT HISTORIC OPG IS TO BE SET BACK I" FROM FACE OF EXG WALL. SEE DETAILS.

5. METALS

5.1 NEW CONTINUOUS STEEL PIPE HANDRAIL. SEE DETAILS. 5.2 NEW STEEL PIPE GUARDRAIL. SEE DETAILS.

5.3 REPAIR/RETAIN EXG FIRE ESCAPE. PAINT BLACK.

REPAIR DAMAGED WOOD STAIR TREADS/RISERS AS REQ'D. NEW RAKE TRIM & GUTTERBOARD TO MATCH EXISTING - SEE ELEVATIONS.

6.3 REPAIR/RETAIN EXG CORNICE. REPAINT. 6.4 NEW WOOD STRUCTURAL MEMBERS. SEE STRUCTURAL DWGS. 6.5 NEW FRAMING/SHEATHING/DECKING IN THIS AREA. SEE

9.3 NEW HARDWOOD FLOORING. 9.4 SUPPORTING CONSTRUCTION TO BE RATED. SEE DETAILS "4" & "5" ON SHEET A6.02.

FURRING WALL. FIRE RATING TO BE CONTINUOUS AT

9.1 EXG PLASTER AT MASONRY WALL TO BE PATCHED AND

REPAIRED, WHERE POSSIBLE.

INTERSECTION W/ NON-RATED WALL.

NEW ROUND ALUMINUM DOWNSPOUT PAINTED TO MATCH 10. SPECIALTIES EXISTING SEWER SYSTEM. 7.3 NEW PVC AT LOWER 6' OF DOWNSPOUT. PAINT TO MATCH

DOWNSPOUT. 7.4 NEW FULLY ADHERED WHITE TPO MEMBRANE ROOF W/ CRICKETS WHERE REQUIRED FOR POSITIVE DRAINAGE AND W/ TERMINATION BARS & METAL COUNTERFLASHING - SEE ROOF DETAILS. INSULATION PER SCHEDULE. B.O.D - 60 MIL WHITE TPO. FULLY ADHERED ROOF SYSTEM, 20 YEAR WARRANTY, BY

CARLISLE SYNTEC, CARLISLE, PA, OR EQUIVALENT. NEW ROOF ACCESS HATCH. INSTALL PER MANUF'S INSTRUCTS. BASIS OF DESIGN = BILCO E50TB, 36"X36".

PROVIDE NEW DARK BRONZE METAL CAP AT CHIMNEY. 7.7 HATCHED AREA SHOWS APPROXIMATE LOCATION OF NEW FIXED ROOF WALKWAY PADS.

8. OPENINGS

STRUCTURAL DRAWINGS.

7. THERMAL AND MOISTURE PROTECTION

REPAIR/RE-LINE EXG BOX GUTTER.

DOOR TYPES AND SCHEDULE.

NEW EXTERIOR BUILDING ENTRY DOOR AND FRAME - SEE DOOR 10.9 RECESSED KEY LOCK BOX - BASIS OF DESIGN KNOXBOX 3200. SCHEDULE. BRICK IN SIZZE, TEXTURE, AND APPEARANCE. FACE OF BRICK IN 8.3 EXISTING HISTORIC DOOR TO REMAIN AND BE FIXED IN PLACE. 10.10 FIRE ESCAPE ACCESS WINDOW.

FIRE RATING TO BE CONTINUOUS BEHIND DOOR. SEE DOOR SCHEDULE AND DETAILS. 8.4 NEW DOOR IN EXISTING HISTORIC FRAME/TRANSOM. FIRE

RATING TO REMAIN CONTINUOUS BEHIND TRANSOM. SEE DOOR SCHEDULE AND DETAILS. 8.5 RELOCATED HISTORIC DOOR/OPG. SEE DOOR SCHEDULE. 8.6 RELOCATED HISTORIC WINDOW SEE WINDOW TYPES AND

ADJACENT WALL SURFACE. SEE EXTERIOR ELEVATIONS. TIE INTO 10.1 LOCKABLE & RECESSED MAILBOXES. BOXES TO MEET USPS-4C STANDARDS & ACCESSIBILITY REQUIREMENTS. PROVIDE CONT

FIRE-RATING BEHIND MAILBOXES, WHEN REQ. 10.2 ENTRY SYSTEM CALLBOX B.O.D. = "2N ACCESS CONTROL" 10.3 CLOSETS W/ BLOCKING AT RODS & BRACKETS. PROVIDE 12" MELAMINE SHELF & CLOTHES ROD @ 66" A.F.F.; TYP U.N.O.: A. TYP. REACH-IN CLOSET B. WALK-IN CLOSET.

C. ABOVE W/D. 10.4 PROVIDE "NO SMOKING" SIGN AT EXTERIOR WALL. 10.5 FIRE EXTINGUISHER. COORDINATE FINAL LOCATION WITH LOCAL FIRE MARSHAL.

A. SURFACE MOUNTED. B. IN SINK CABINET IN RESIDENTIAL UNIT, TYPICAL. 10.6 PROVIDE DRAIN PAN BENEATH WASHING MACHINE/ WATER

HEATER. SEE PLUMBING DWGS. 10.7 NOT USED. 4.2 REPLACE DAMAGED/MISSING BRICK AS SHOWN ON STRUCTURAL 8.1 EXG HISTORIC DOOR AND FRAME/TRANSOM TO REMAIN. SEE 10.8 SHOWER NICHE, SEE ENLARGED PLANS, INTERIOR ELEVATIONS AND DETAIL I/A5.00.

21.1 APPROX LOCATION OF FDC CONNECTION - COORDINATE W/ FIRE DEPT.

INSTALL PER MANUF'S INSTRUCTS. COORDINATE WITH FIRE DEPT.

21.2 SPRINKLER RISER. SEE PLUMBING DWGS. 21.3 EXTERIOR TAMPER/FLOW NOTIFICATION DEVICE - COORDINATE WITH ELECTRICAL AND FIRE PROTECTION SYSTEMS.

NEW WORK PLANS & ELEVATIONS # KEYED NOTES:

22.1 PROVIDE RADON RISER, AS REQUIRED BY OWNERS CONSULTANT. RISER TO EXTEND FROM BASEMENT TO ATTIC. SEE CONSULTANT DESIGN FOR LOCATIONS OF RISERS. SEE NOTE

9.2 FIRE-RATING TO BE CONTINUOUS BEHIND PLUMBING/CHASE/ 3.2. COORDINATE WITH PLUMBING. 22.2 PLUMBING CHASE (OR WALL) - VERIFY LOCATIONS IN FIELD TO ALIGN CONCEALMENT BETWEEN FLOORS.

22.3 HOSEBIB LOCATION. SEE PLUMBING DRAWINGS.

23. HEATING, VENTILATING, AND AIR CONDITIONING 23.1 MECHANICAL UNIT(S) - WALKING PADS TO & AROUND EQUIPMENT. GUARDRAIL REQUIRED IF EQUIPMENT < 10' FROM ROOF EDGE. SEE HVAC & STRUCTURAL DWGS.

A. ROOF <3:12, INSTALL C.U. ON SOUND ISOLATING PADS B. ROOF > 3:12, INSTALL C.U. ON MECHANCIAL PLATFORM CONDENSING UNIT(S) ON MECHANICAL PLATFORM. SOUND ISOLATE MECHANICÀL PLATFORM. SEE MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR PROPER SPACING. 23.2 NEW EXHAUST/INTAKE LOUVERS ON EXTERIOR WALL. LOUVERS

TO BE PAINTED TO MATCH ADJACENT BRICK. SEE ELEVATIONS AND MECHANICAL DWGS. 23.3 NEW FIRE-RATED SHAFT FOR LINESETS, ABOVE. SEE 9/A6.02 AS

26. ELECTRICAL

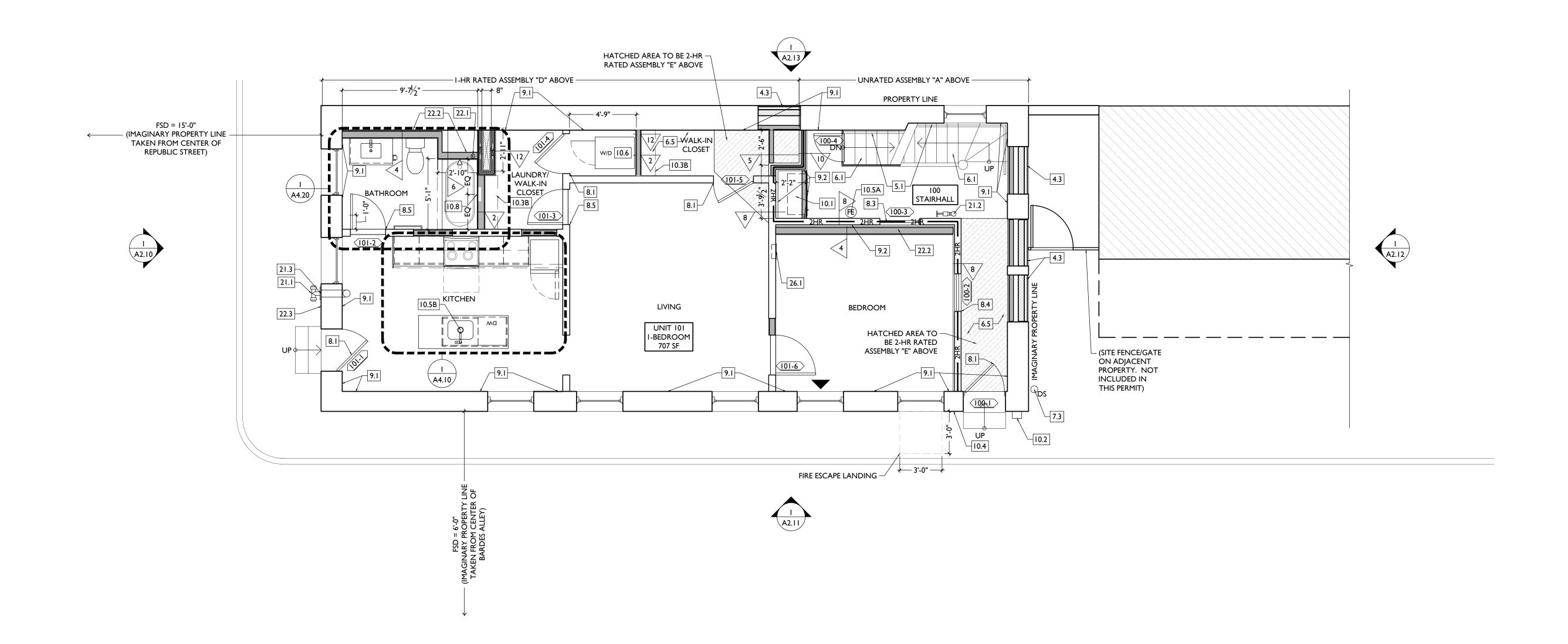
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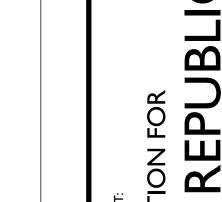
26.2 NEW EXTERIOR LIGHTING. NO EXPOSED CONDUIT ON FACE OF

26.3 NEW MAST HEAD. SEE ELECTRICAL DWGS.

PARTITION TYPE - TYPE I U.N.O. 4 KEYNOTE. NEW PARTITION WALL. NEW MASONRY WALL. OBJECT OVERHEAD. — IHR — I-HR FIRE RATING. — 2HR — 2-HR FIRE RATING. NEW FLOOR & FRAMING TO MATCH ADJ - SEE STRUCT DWGS. NEW GYP BD SOFFIT/ BULKHEAD/ DROPPED CLG - SEE RCPS. AREA OF ATYPICAL FIRE-RATED ASSEMBLY ABOVE. 100A DOOR TAG. SEE SCHEDULE. WINDOW DESIGNATION. STOREFRONT DESIGNATION. EMERGENCY EGRESS EXIT. OPG CONTAINS TEMPERED GLAZING. SINGLE HUNG OPG - UPPER SASH TO BE FIXED WITHIN 3'-0" OF EXHAUST. X'-X" ELEVATION TAG.

NEW WORK GRAPHIC KEY:





808

Job No: 22042 08/30/2024

PROPOSED PLAN - FIRST FLOOR

SCALE: 1/4" = 1'-0"

Progress Dates

Drawn by: MR, AM

2023.04.28 - BID/PERMIT 2024.08.30 - BID SET 2

Design Team:
_CO, JK, MR, MR, RK, RO, SO, TB

REPUBL

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- DETAILS AND LOCATIONS OF VERTICAL VENTS. SEE NOTE 22.1. 3.3 EXG OPENING TO BASEMENT TO BE CAPPED WITH CONCRETE AT GRADE. WALL TO BE INFILLED W/ CMU AND BRICK - SEE
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- 4.1 TUCKPOINT BRICK AS SHOWN ON STRUCTURAL ELEVATIONS & PER SHPO NARRATIVE. SEE STRUCTURAL DWGS. 4.2 REPLACE DAMAGED/MISSING BRICK AS SHOWN ON STRUCTURAL 8.1 EXG HISTORIC DOOR AND FRAME/TRANSOM TO REMAIN. SEE 10.8 SHOWER NICHE. SEE ENLARGED PLANS, INTERIOR ELEVATIONS ELEVATIONS & PER SHPO NARRATIVE.
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5. METALS

- 5.1 NEW CONTINUOUS STEEL PIPE HANDRAIL. SEE DETAILS.
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6. WOOD, PLASTICS, AND COMPOSITES REPAIR DAMAGED WOOD STAIR TREADS/RISERS AS REQ'D.

STRUCTURAL DRAWINGS.

FIXED ROOF WALKWAY PADS.

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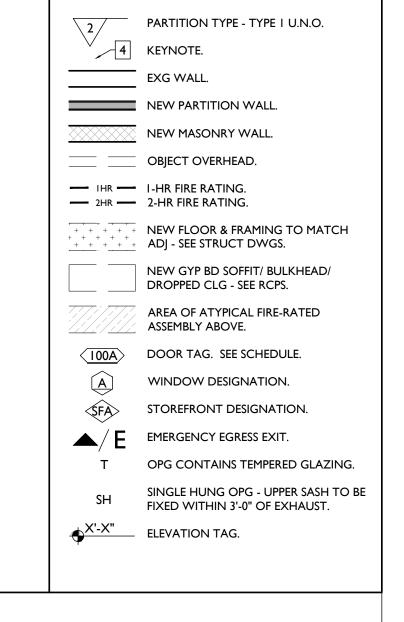
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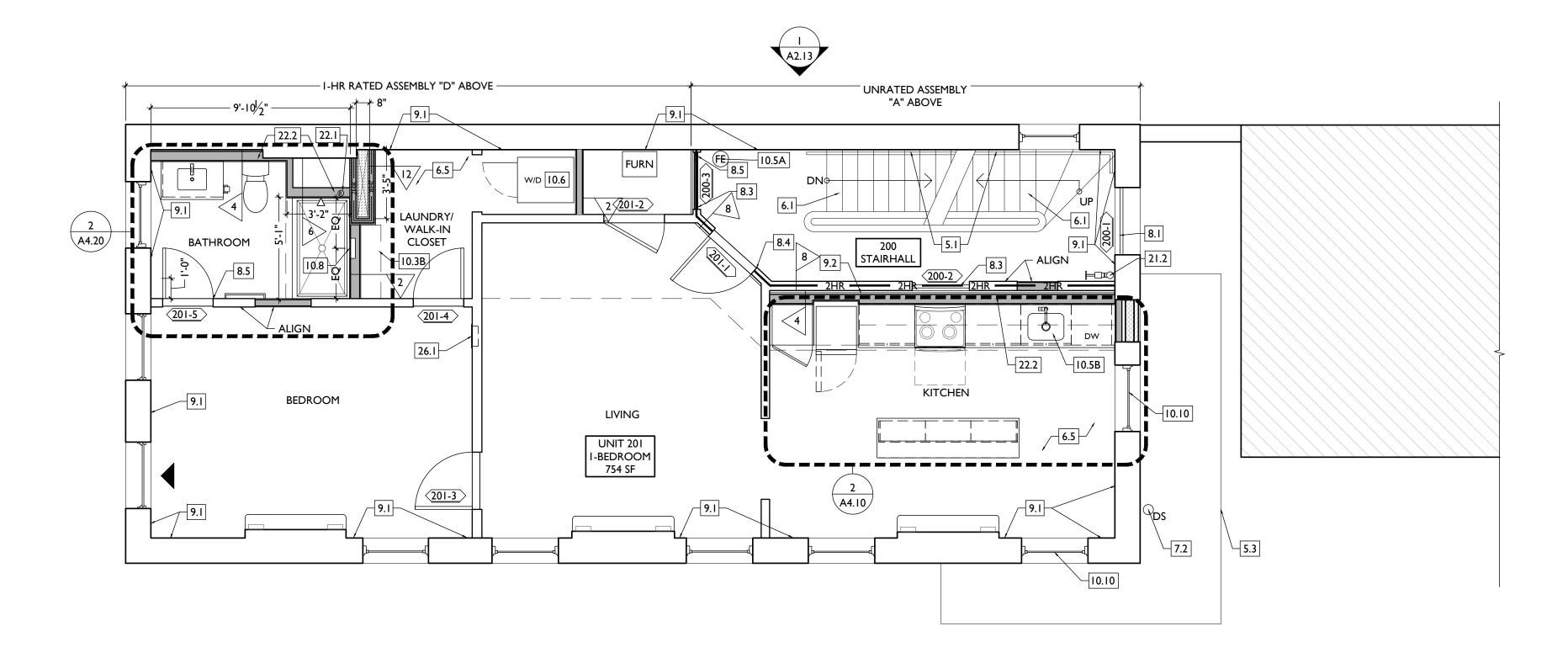
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NEW WORK GRAPHIC KEY:









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Progress Dates

2023.04.28 - BID/PERMIT 2024.08.30 - BID SET 2

Design Team: CO, JK, MR, MR, RK, RO, SO, TB Drawn by: MR, AM

REPUBLIC

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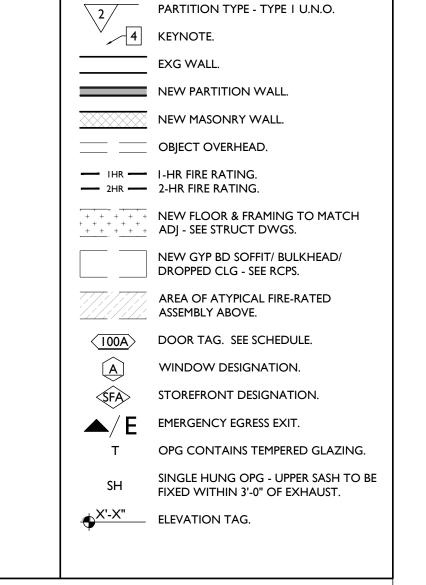
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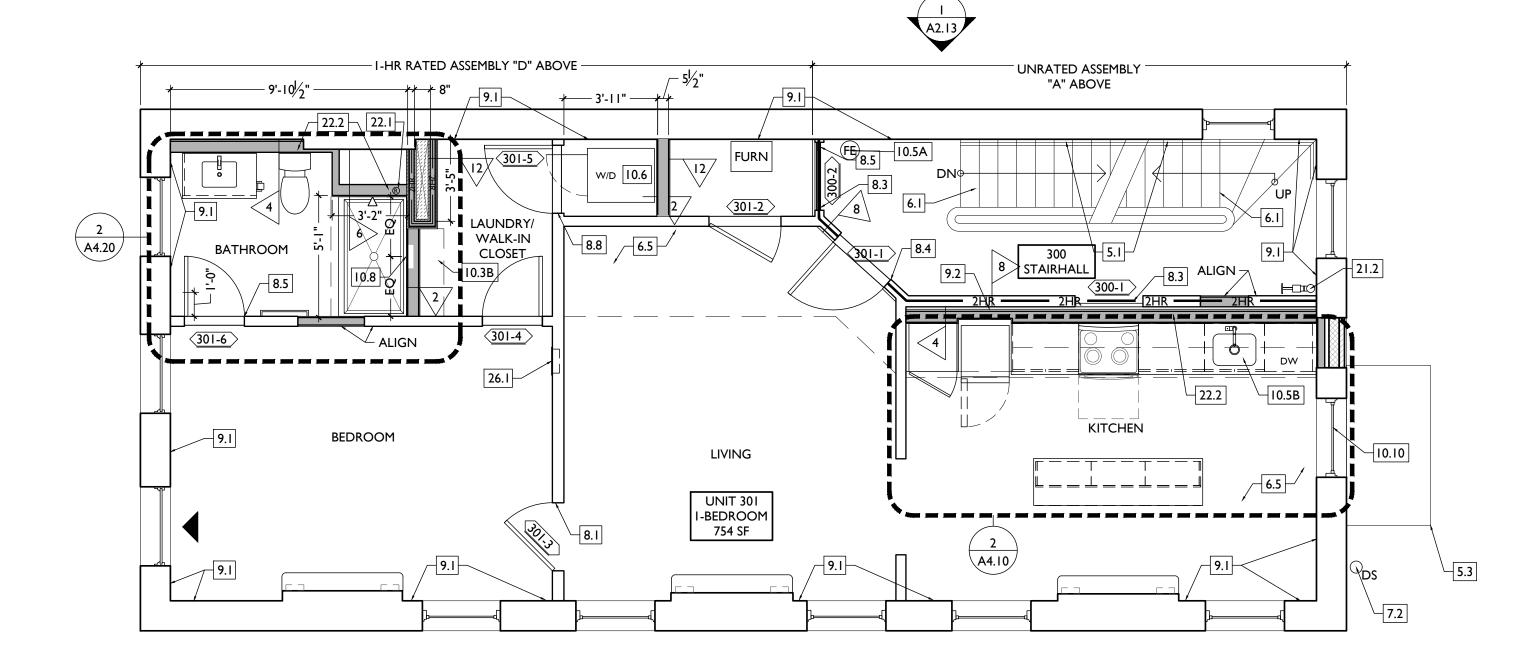
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NEW WORK GRAPHIC KEY:











PROPOSED PLAN - THIRD FLOOR

SCALE: 1/4" = 1'-0"

Progress Dates 2023.04.28 - BID/PERMIT 2024.08.30 - BID SET 2



Design Team: CO, JK, MR, MR, RK, RO, SO, TB Drawn by: MR, AM

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- 5.2 NEW STEEL PIPE GUARDRAIL. SEE DETAILS. 5.3 REPAIR/RETAIN EXG FIRE ESCAPE. PAINT BLACK.

6. WOOD, PLASTICS, AND COMPOSITES REPAIR DAMAGED WOOD STAIR TREADS/RISERS AS REQ'D.

7. THERMAL AND MOISTURE PROTECTION

REPAIR/RE-LINE EXG BOX GUTTER.

STRUCTURAL DRAWINGS.

NEW RAKE TRIM & GUTTERBOARD TO MATCH EXISTING - SEE ELEVATIONS.

- 6.3 REPAIR/RETAIN EXG CORNICE. REPAINT. 9.2 FIRE-RATING TO BE CONTINUOUS BEHIND PLUMBING/CHASE/ 6.4 NEW WOOD STRUCTURAL MEMBERS. SEE STRUCTURAL DWGS. FURRING WALL. FIRE RATING TO BE CONTINUOUS AT 6.5 NEW FRAMING/SHEATHING/DECKING IN THIS AREA. SEE INTERSECTION W/ NON-RATED WALL.
 - 9.3 NEW HARDWOOD FLOORING. 9.4 SUPPORTING CONSTRUCTION TO BE RATED. SEE DETAILS "4" & "5" ON SHEET A6.02.

9.1 EXG PLASTER AT MASONRY WALL TO BE PATCHED AND

REPAIRED, WHERE POSSIBLE.

- NEW ROUND ALUMINUM DOWNSPOUT PAINTED TO MATCH 10. SPECIALTIES ADJACENT WALL SURFACE. SEE EXTERIOR ELEVATIONS. TIE INTO 10.1 LOCKABLE & RECESSED MAILBOXES. BOXES TO MEET USPS-4C EXISTING SEWER SYSTEM. 7.3 NEW PVC AT LOWER 6' OF DOWNSPOUT. PAINT TO MATCH
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- FULLY ADHERED ROOF SYSTEM, 20 YEAR WARRANTY, BY CARLISLE SYNTEC, CARLISLE, PA, OR EQUIVALENT. NEW ROOF ACCESS HATCH. INSTALL PER MANUF'S INSTRUCTS.
- BASIS OF DESIGN = BILCO E50TB, 36"X36". PROVIDE NEW DARK BRONZE METAL CAP AT CHIMNEY. 7.7 HATCHED AREA SHOWS APPROXIMATE LOCATION OF NEW
- 8. OPENINGS

FIXED ROOF WALKWAY PADS.

- DOOR TYPES AND SCHEDULE. 4.3 OPENING TO BE INFILLED WITH CMU AT INTERIOR AND BRICK 8.2 NEW EXTERIOR BUILDING ENTRY DOOR AND FRAME - SEE DOOR 10.9 RECESSED KEY LOCK BOX - BASIS OF DESIGN KNOXBOX 3200. SCHEDULE.
- BRICK IN SIZZE, TEXTURE, AND APPEARANCE. FACE OF BRICK IN 8.3 EXISTING HISTORIC DOOR TO REMAIN AND BE FIXED IN PLACE. 10.10 FIRE ESCAPE ACCESS WINDOW. FIRE RATING TO BE CONTINUOUS BEHIND DOOR. SEE DOOR SCHEDULE AND DETAILS. 8.4 NEW DOOR IN EXISTING HISTORIC FRAME/TRANSOM. FIRE
 - RATING TO REMAIN CONTINUOUS BEHIND TRANSOM. SEE DOOR SCHEDULE AND DETAILS. 8.5 RELOCATED HISTORIC DOOR/OPG. SEE DOOR SCHEDULE.

8.6 RELOCATED HISTORIC WINDOW SEE WINDOW TYPES AND

9. FINISHES

- STANDARDS & ACCESSIBILITY REQUIREMENTS. PROVIDE CONT FIRE-RATING BEHIND MAILBOXES, WHEN REO. 10.2 ENTRY SYSTEM CALLBOX B.O.D. = "2N ACCESS CONTROL"
- 10.3 CLOSETS W/ BLOCKING AT RODS & BRACKETS. PROVIDE 12" MELAMINE SHELF & CLOTHES ROD @ 66" A.F.F.; TYP U.N.O.: A. TYP. REACH-IN CLOSET B. WALK-IN CLOSET. C. ABOVE W/D.
- 10.4 PROVIDE "NO SMOKING" SIGN AT EXTERIOR WALL. 10.5 FIRE EXTINGUISHER. COORDINATE FINAL LOCATION WITH LOCAL FIRE MARSHAL.
- A. SURFACE MOUNTED. B. IN SINK CABINET IN RESIDENTIAL UNIT, TYPICAL.
- 10.6 PROVIDE DRAIN PAN BENEATH WASHING MACHINE/ WATER HEATER. SEE PLUMBING DWGS. 10.7 NOT USED.
- AND DETAIL I/A5.00. INSTALL PER MANUF'S INSTRUCTS. COORDINATE WITH FIRE DEPT.
- 21.1 APPROX LOCATION OF FDC CONNECTION COORDINATE W/ FIRE DEPT.
- 21.2 SPRINKLER RISER. SEE PLUMBING DWGS.
- 21.3 EXTERIOR TAMPER/FLOW NOTIFICATION DEVICE COORDINATE WITH ELECTRICAL AND FIRE PROTECTION SYSTEMS.

NEW WORK PLANS & ELEVATIONS # KEYED NOTES:

- 22.1 PROVIDE RADON RISER, AS REQUIRED BY OWNERS CONSULTANT. RISER TO EXTEND FROM BASEMENT TO ATTIC. SEE CONSULTANT DESIGN FOR LOCATIONS OF RISERS. SEE NOTE
- 3.2. COORDINATE WITH PLUMBING. 22.2 PLUMBING CHASE (OR WALL) - VERIFY LOCATIONS IN FIELD TO ALIGN CONCEALMENT BETWEEN FLOORS.
- 22.3 HOSEBIB LOCATION. SEE PLUMBING DRAWINGS.

23. HEATING, VENTILATING, AND AIR CONDITIONING

- 23.1 MECHANICAL UNIT(S) WALKING PADS TO & AROUND EQUIPMENT. GUARDRAIL REQUIRED IF EQUIPMENT < 10' FROM ROOF EDGE. SEE HVAC & STRUCTURAL DWGS. A. ROOF <3:12, INSTALL C.U. ON SOUND ISOLATING PADS
- B. ROOF > 3:12, INSTALL C.U. ON MECHANCIAL PLATFORM CONDENSING UNIT(S) ON MECHANICAL PLATFORM. SOUND ISOLATE MECHANICÀL PLATFORM. SEE MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR PROPER SPACING.
- 23.2 NEW EXHAUST/INTAKE LOUVERS ON EXTERIOR WALL. LOUVERS TO BE PAINTED TO MATCH ADJACENT BRICK. SEE ELEVATIONS
- AND MECHANICAL DWGS. 23.3 NEW FIRE-RATED SHAFT FOR LINESETS, ABOVE. SEE 9/A6.02 AS

- 26. ELECTRICAL 26.1 ELECTRIC PANEL RECESSED IN WALL W/ 30"W X 36"D CLEAR IN FRONT. PAINT TO MATCH ADJACENT WALL W APPROPRIATE
- PAINT TYPE FOR PANEL. 26.2 NEW EXTERIOR LIGHTING. NO EXPOSED CONDUIT ON FACE OF
- 26.3 NEW MAST HEAD. SEE ELECTRICAL DWGS.

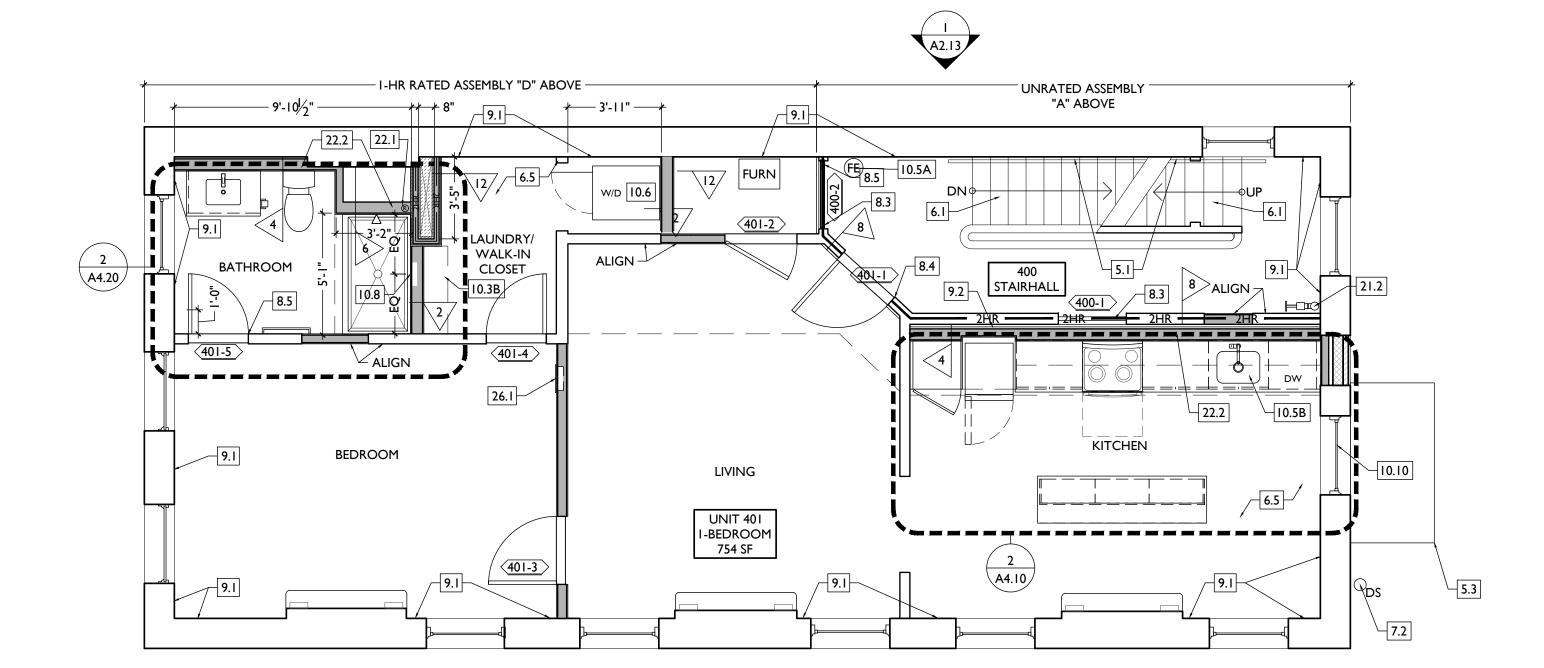
NEW PARTITION WALL. NEW MASONRY WALL. OBJECT OVERHEAD. — IHR — I-HR FIRE RATING. — 2HR — 2-HR FIRE RATING. NEW FLOOR & FRAMING TO MATCH ADJ - SEE STRUCT DWGS. NEW GYP BD SOFFIT/ BULKHEAD/ DROPPED CLG - SEE RCPS. AREA OF ATYPICAL FIRE-RATED ASSEMBLY ABOVE. 100A DOOR TAG. SEE SCHEDULE. WINDOW DESIGNATION. STOREFRONT DESIGNATION. EMERGENCY EGRESS EXIT. OPG CONTAINS TEMPERED GLAZING. SINGLE HUNG OPG - UPPER SASH TO BE FIXED WITHIN 3'-0" OF EXHAUST. X'-X" ELEVATION TAG.

NEW WORK GRAPHIC KEY:

4 KEYNOTE.

PARTITION TYPE - TYPE I U.N.O.









REPUBLIC <u>0</u>

Progress Dates

2023.04.28 - BID/PERMIT 2024.08.30 - BID SET 2

Design Team: CO, JK, MR, MR, RK, RO, SO, TB Drawn by: MR, AM

UBLIC



ALL KEYED NOTES LISTED MAY NOT APPLY TO THIS SHEET.

- 3.1 NEW CONCRETE SLAB. SLOPE TO DRAIN, AND CONNECT FLOOR DRAINS SEWER. SEE STRUCTURAL DRAWINGS. 3.2 VAPOR MITIGATION SYSTEM BELOW SLAB, AS REQUIRED BY OWNER'S CONSULTANT. SEE CONSULTANT DESIGN FOR SYSTEM
- DETAILS AND LOCATIONS OF VERTICAL VENTS. SEE NOTE 22.1. 3.3 EXG OPENING TO BASEMENT TO BE CAPPED WITH CONCRETE AT GRADE. WALL TO BE INFILLED W/ CMU AND BRICK - SEE DETAILS AND KEYNOTE 4.3. IF IN PUBLIC R.O.W. COMPLY W/
- LOCAL JURISDICTION STANDARDS. 3.4 FLOOR IN THIS AREA IS UNSTABLE. SEE STRUCTURAL DWGS.

4. MASONRY

- 4.1 TUCKPOINT BRICK AS SHOWN ON STRUCTURAL ELEVATIONS & PER SHPO NARRATIVE. SEE STRUCTURAL DWGS. 4.2 REPLACE DAMAGED/MISSING BRICK AS SHOWN ON STRUCTURAL 8.1 EXG HISTORIC DOOR AND FRAME/TRANSOM TO REMAIN. SEE 10.8 SHOWER NICHE, SEE ENLARGED PLANS, INTERIOR ELEVATIONS ELEVATIONS & PER SHPO NARRATIVE.
- AT EXTERIOR. BRICK IS TO MATCH EXG ADJACENT HISTORIC OPG IS TO BE SET BACK I" FROM FACE OF EXG WALL. SEE DETAILS.

5. METALS

- 5.1 NEW CONTINUOUS STEEL PIPE HANDRAIL. SEE DETAILS.
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- NEW RAKE TRIM & GUTTERBOARD TO MATCH EXISTING SEE ELEVATIONS.
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- 21.1 APPROX LOCATION OF FDC CONNECTION COORDINATE W/ FIRE DEPT.
- 21.2 SPRINKLER RISER. SEE PLUMBING DWGS. 21.3 EXTERIOR TAMPER/FLOW NOTIFICATION DEVICE - COORDINATE WITH ELECTRICAL AND FIRE PROTECTION SYSTEMS.

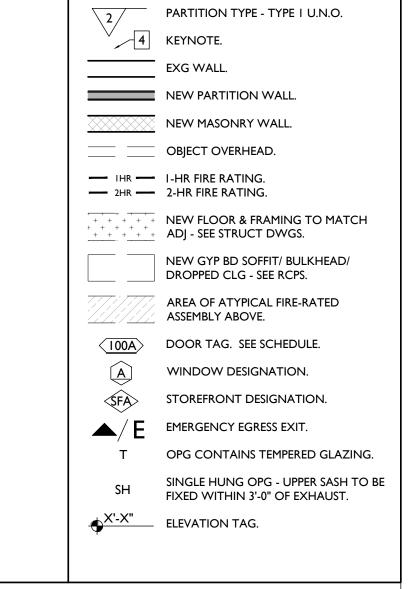
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23. HEATING, VENTILATING, AND AIR CONDITIONING 23.1 MECHANICAL UNIT(S) - WALKING PADS TO & AROUND

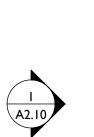
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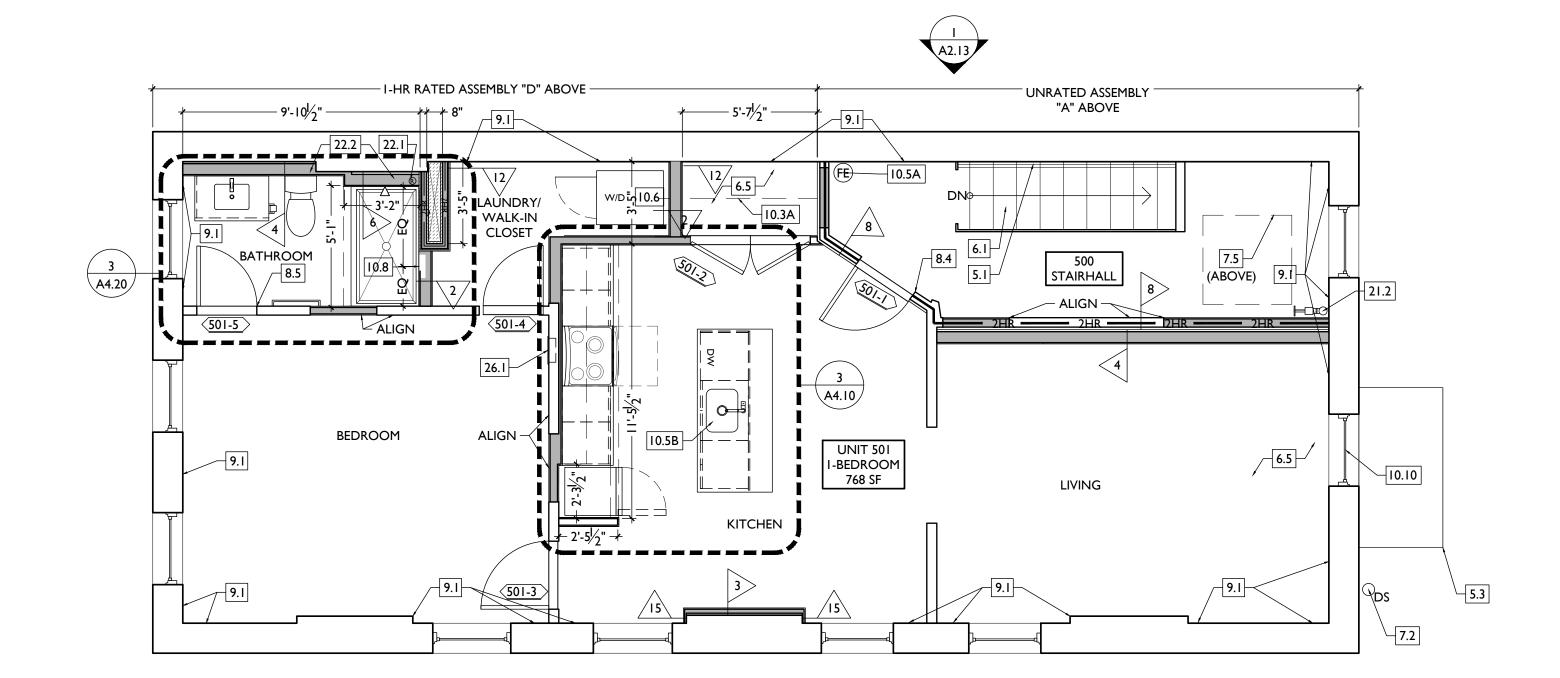
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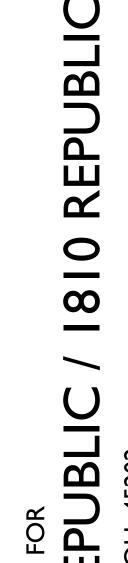
NEW WORK GRAPHIC KEY:











Progress Dates

2023.04.28 - BID/PERMIT 2024.08.30 - BID SET 2

Design Team: CO, JK, MR, MR, RK, RO, SO, TB Drawn by: MR, AM

808

THESE DOCUMENTS ARE PART OF THE PROJECT CONTRACT DOCUMENTS.

KEYED NOTES ARE CATEGORIZED FOR ORGANIZATIONAL PURPOSES ONLY. NOTES MAY REQUIRE MATERIALS OR WORK IN CATEGORIES OTHER THAN WHERE THEY OCCUR. THE CONTRACTOR IS RESPONSIBLE FOR THE WORK DESCRIBED IN ALL APPLICABLE NOTES REGARDLESS OF THE CATEGORY IN WHICH THEY OCCUR.

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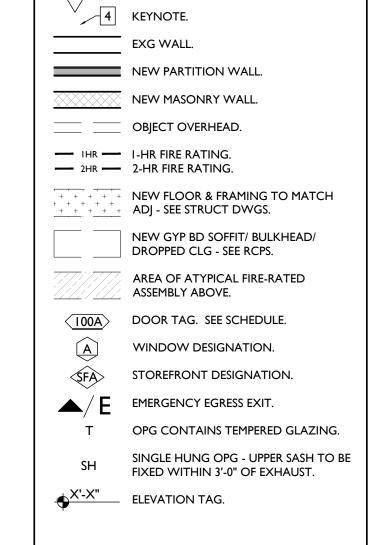
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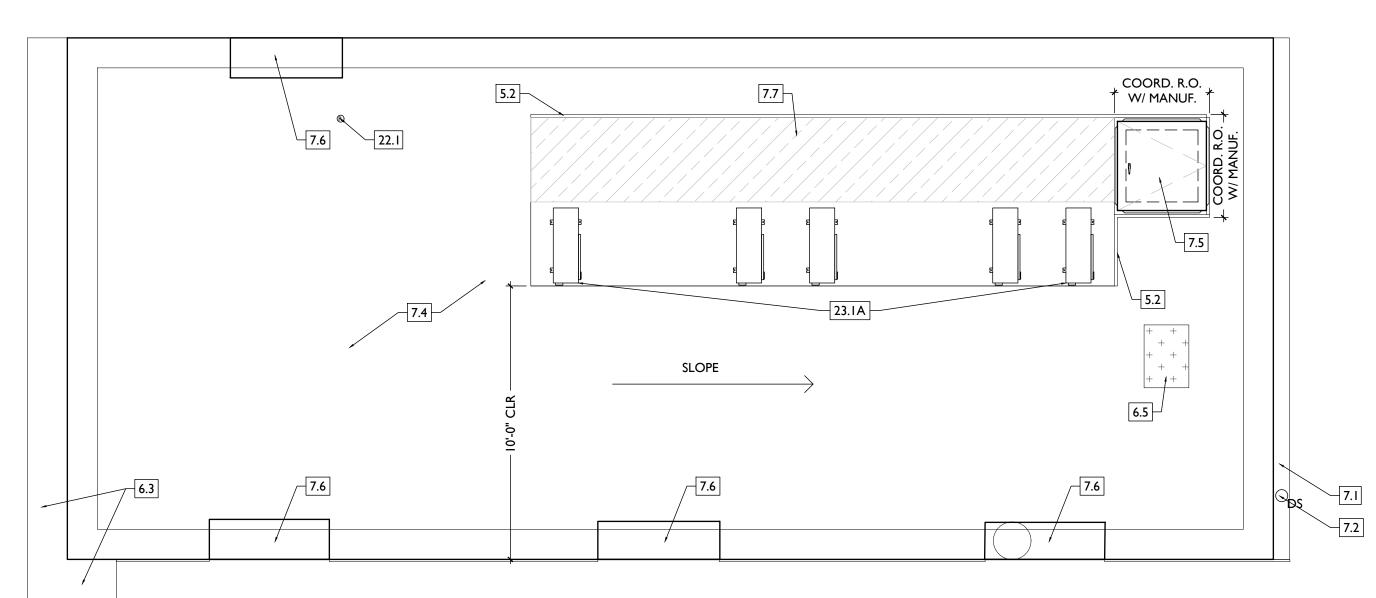




NEW WORK GRAPHIC KEY:

PARTITION TYPE - TYPE I U.N.O.



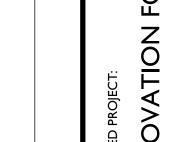




SCALE: 1/4" = 1'-0"







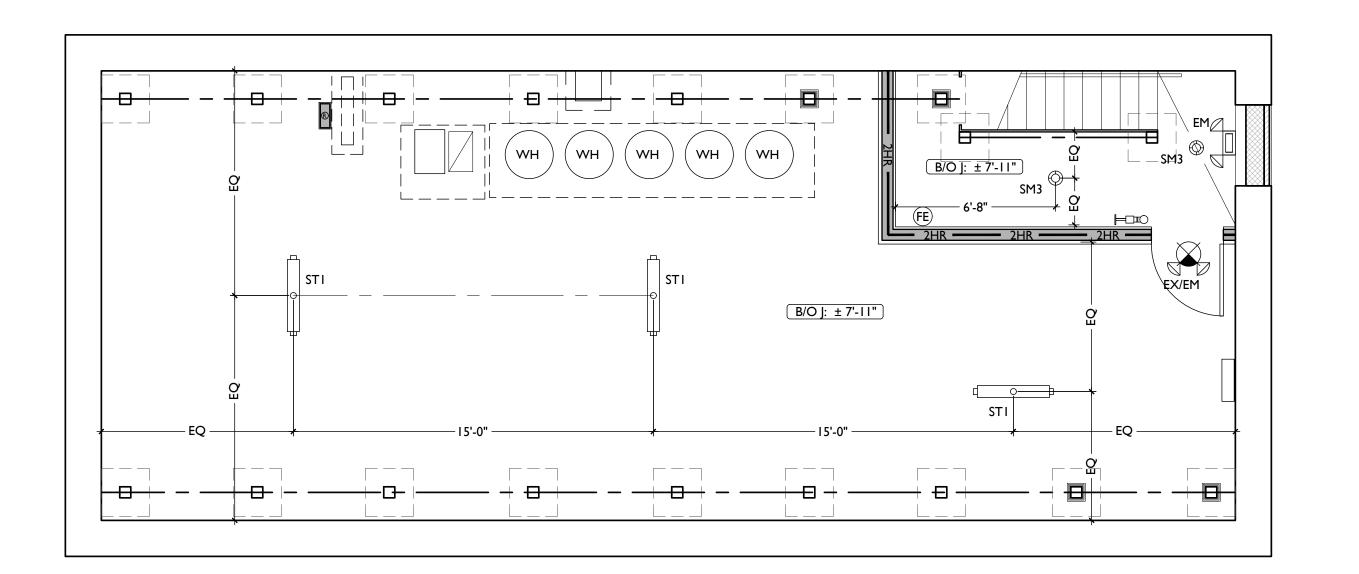
Job No: 22042

Progress Dates 2023.04.28 - BID/PERMIT 2024.08.30 - BID SET 2

Design Team: CO, JK, MR, MR, RK, RO, SO, TB Drawn by: MR, AM

REPUBLIC <u>0</u> REPUBLIC

SYMBOL			KEFLEC	ED CEILING PLAN FIXTURE LEGEND:					REFLECTED CEILING PLAN GENERAL NOTES:		REFLECTED CEILING PLAN GRAPHIC KEY:
	FIXTURE TYPE REMARKS	SYMBOL	FIXTURE TYPE	REMARKS	SYMBOL	FIXTURE TYPE	:	REMARKS	A. NOTE: THIS IS A HISTORIC TAX CREDIT PROJECT. ALL WORK MUST		
© SMI © SM2 © SM3	SMI - GENERAL LIGHTS. PROVIDE DIMMERS IN RESIDENTIAL UNITS. SURFACE MOUNT LED CAN LIGHT SM2 - DAMP RATED, TYPICAL IN SHOWERS. SM3 - ALWAYS ON , TYPICAL IN COMMON STAIRHALLS	FI	CEILING FAN WITH LIGHT	SMALL FAN, TYPICAL IN BEDROOMS AND LIVING ROOMS	RHI	EMERGENCY EGRESS LIGHT EMERGENCY EGRESS LIGHT	LED REMOTE HEAD E	MERGENCY EGRESS LIGHT	COMPLY W/ APPROVED. PART 2, INCLUDING AMENDMENTS. NO HISTORIC ELEMENTS SHALL BE REMOVED/MODIFIED UNLESS SPECIFICALLY INDICATED IN ARCH DWGS. B. IF A FIXTURE APPEARS TO BE CENTERED IN A SPACE, THEN CENTER IT. C. LOWERED CEILINGS AND SOFFITS SHALL BE 8'-0" HIGH A.F.F., U.N.O. D. CLG HTS AT EXG FLOORS ARE TO BE VI.F. E. ALL CEILING FINISHES IN OCCUPIED SPACES TO BE SMOOTH PAINTED	CH: 8'-0"	CEILING HEIGHT TAG (TYP 8'-0" U.N.O.) SOFFIT/LOWERED GYP BD CEILING AREA OF ATYPICAL FIRE-RATING. SEE PLANS & SHEET A0.01
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V2	WALL MOUNT VI - TYPICAL OVER BATHROOM VANITIES IN TYPICAL RESIDENTIAL UNITS. WALL MOUNT V2 - TYPICAL ON SIDES OF BATHROOM VANITIES IN TYPICAL	WM5	WALL MOUNT EXTERIOR LIGHT	EXTERIOR ARCHITECTURAL GOOSENECK LIGHT					ACCOMMODATE THIS.	——————————————————————————————————————	CENTER ON ARCHITECTURAL FEATURE STRUCTURAL MEMBER - SEE STRUCTURAL DWGS
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Revision:

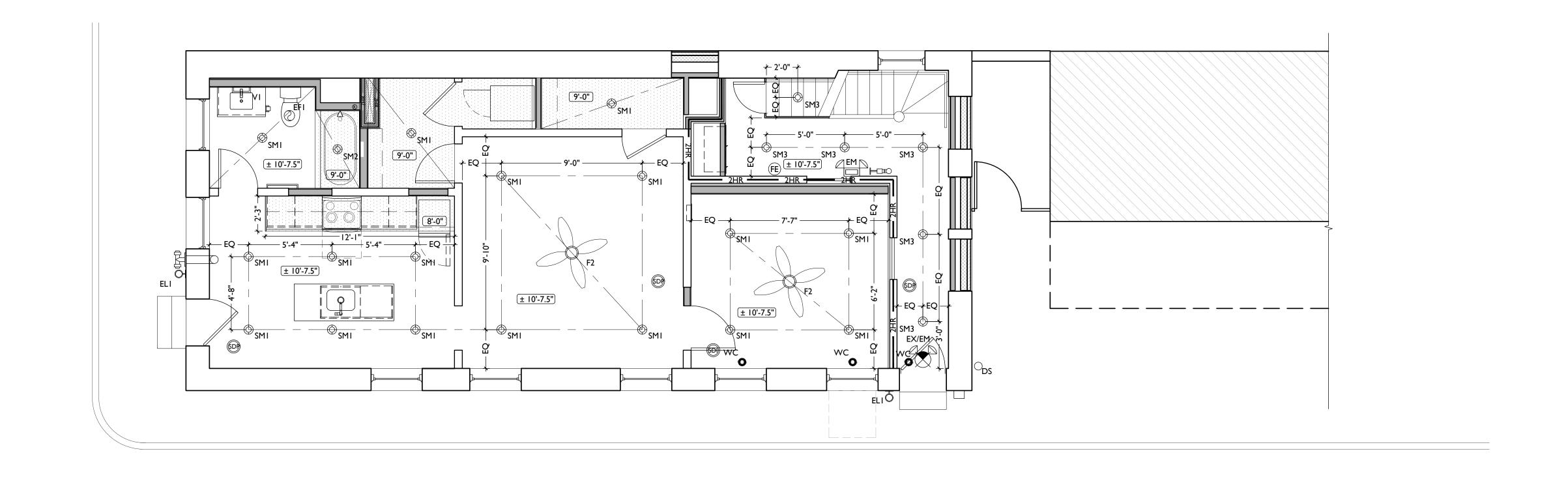
Design Team:
CO, JK, MR, MR, RK, RO, SO, TB
Drawn by:
MR, AM

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ATI, OH, 45202

Job No: 22042 08/30/2024

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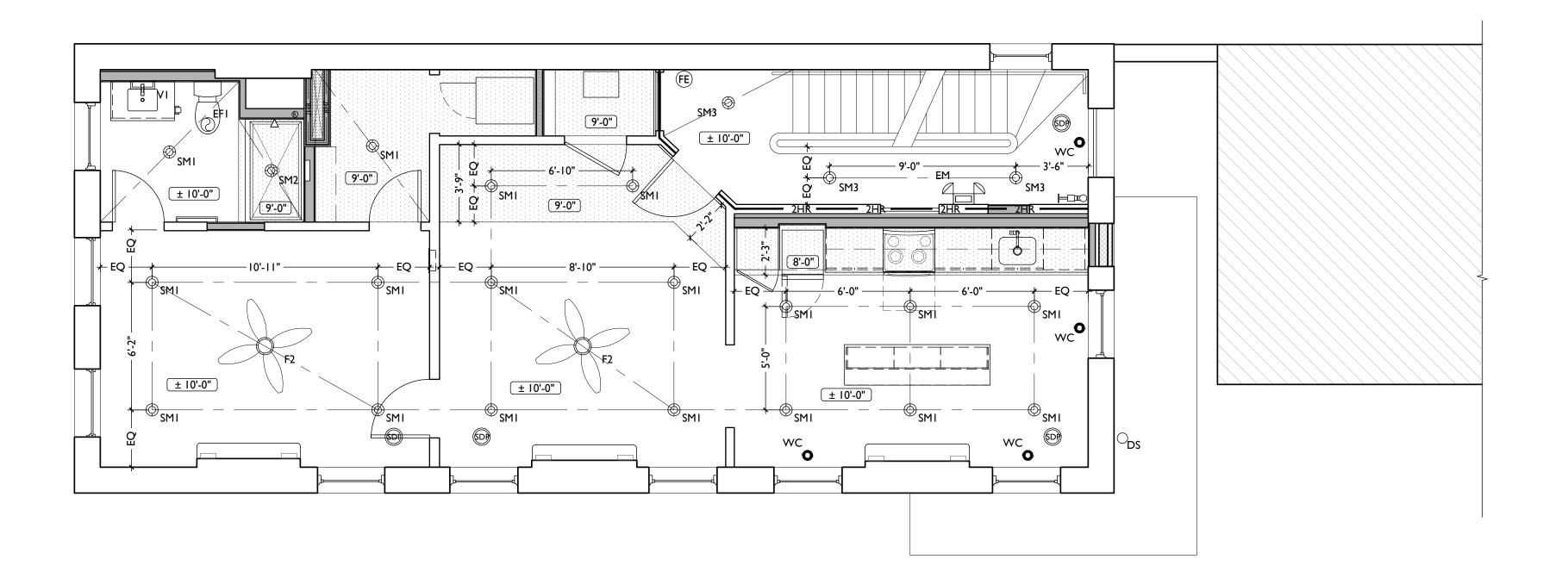


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CO, JK, MR, MR, RK, RO, SO, TB
Drawn by:
MR, AM

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		REFLECTED CEILING P	PLAN FIXTURE LEGEND:				REFLECTED CEILING PLAN GENERAL NOTES:	I	REFLECTED CEILING PLAN GRAPHIC KEY:
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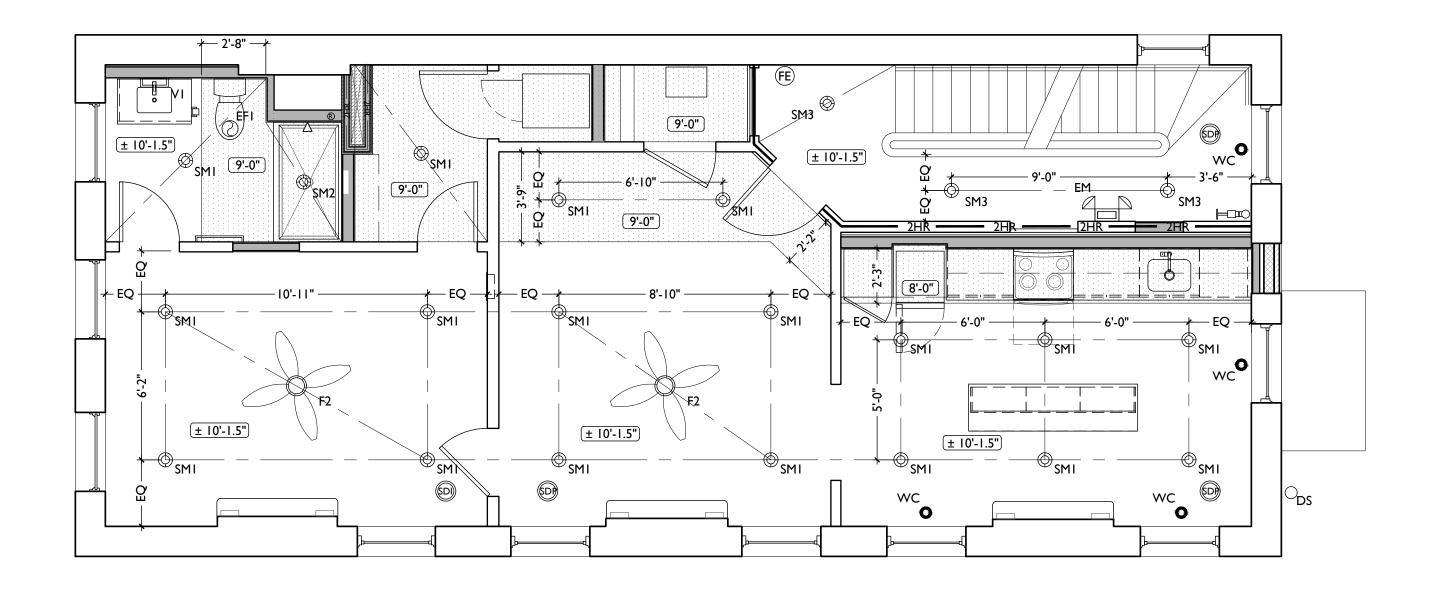
Revisions

Design Team: CO, JK, MR, MR, RK, RO, SO, TB Drawn by: MR, AM

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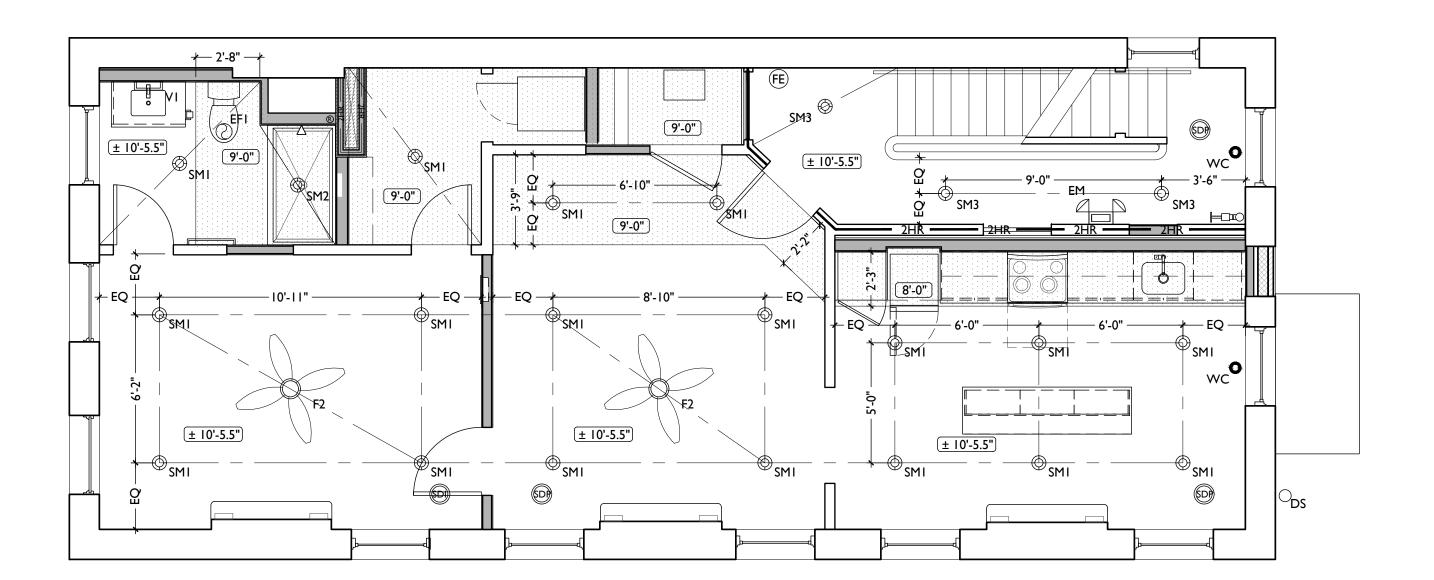
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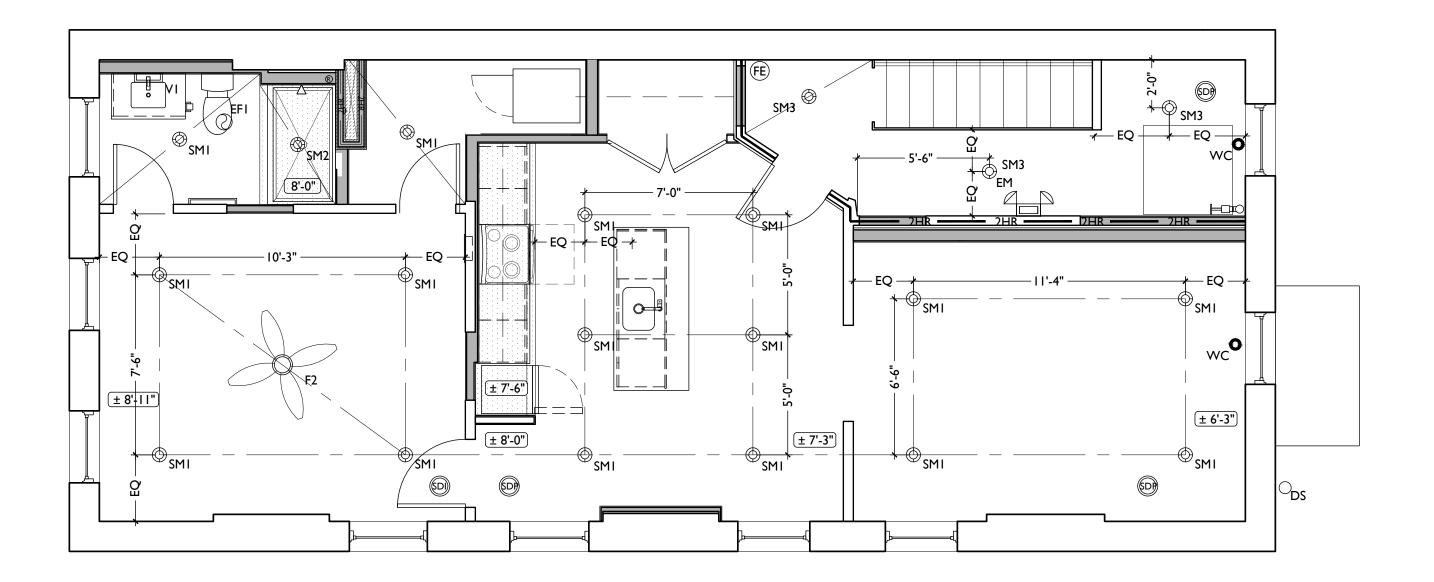


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© SMI © SM2	UNITS.	P RATED, TYPICAL IN SHOWERS.	FI	CEILING FAN SMALL FAN,	N, TYPICAL IN BEDROOMS AND LIVING ROOMS	RHI		LED REMOTE HEAD EMERGENCY EGRESS LIGHT	A. NOTE: THIS IS A HISTORIC TAX CREDIT PROJECT. ALL WORK MUST COMPLY W/ APPROVED. PART 2, INCLUDING AMENDMENTS. NO HISTORIC ELEMENTS SHALL BE REMOVED/MODIFIED UNLESS SPECIFICALLY INDICATED IN ARCH DWGS. B. IF A FIXTURE APPEARS TO BE CENTERED IN A SPACE, THEN CENTER IT.	CH: 8'-0"	CEILING HEIGHT TAG (TYP 8'-0" U.N.O.) SOFFIT/LOWERED GYP BD CEILING
© SM3	CLIDEA CE MOLINIT	AYS ON , TYPICAL IN COMMON STAIRHALLS ENTRY VESTIBULE, IST FLOOR ONLY				EM	EGKESS LIGHT	EMERGENCY EGRESS LIGHT WALL PACK	C. LOWERED CEILINGS AND SOFFITS SHALL BE 8'-0" HIGH A.F.F., U.N.O. D. CLG HTS AT EXG FLOORS ARE TO BE VI.F. E. ALL CEILING FINISHES IN OCCUPIED SPACES TO BE SMOOTH PAINTED DRYWALL U.N.O. SEE FINISH SCHEDULE FOR PAINT COLORS. F. BASEMENTS & UNOCCUPIED ATTICS TO HAVE EXPOSED JOISTS - NO FINISH		AREA OF ATYPICAL FIRE-RATING. SEE PLANS & SHEET A0.01
SMI3	SURFACE MOUNT LINEAR LED	COMMERCIAL TURNKEY SPACES	F2	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	N, TYPICAL IN BEDROOM AND LIVING ROOM				CLGS U.N.O. G. ALL SOFFITS OVER KITCHEN CABINETS TO BE 8'-0" AFF AND 2'-1 1/2" WIDE MINIMUM. H. PROVIDE UNDER-CABINET LIGHTING BENEATH ALL UPPER KITCHEN CABINETS IN RESIDENTAL UNITS. SEE ELEC DWGS.	WC (NL)	WATER CURTAIN HEAD TO PROVIDE 100% COVERAGE OF WINDOW- COORD W/ F.P PLANS DENOTES NIGHT LIGHT FIXTURE
SM8	SURFACE MOUNT TYPICAL IN A	ATTICS AND IN BASEMENTS	WMI Q	WALL MOUNT EXTERIOR A	R ARCHITECTURAL UP-DOWN LIGHT				 SEE EXTERIOR ELEVATIONS FOR MOUNTING HEIGHTS OF EXTERIOR LIGHTS. J. SEE ELECTRICAL DRAWINGS FOR FIXTURE SPECIFICATIONS. K. ANY FIXTURES LOCATED IN AREAS WITH REMAINING HISTORIC TIN CEILINGS SHOULD BE CENTERED ON THE CEILING TILES, RATHER THAN PERFECTLY CENTERED IN THE SPACE. ADJUST THE GRID PLACEMENT/DIMENSIONS BY A FEW INCHES AS REQUIRED TO 	(OS)	DENOTES OCCUPANCY SENSOR COMBO SMOKE/CARBON MONOXIDE DETECTOR: IONIZATION (TYP BEDROOMS) PHOTOELECTRIC
V2	VANITY LIGHT RESIDENTIAL WALL MOUNT V2 - TYPICAL	AL ON SIDES OF BATHROOM VANITIES IN TYPICAL		/M5 WALL MOUNT EXTERIOR A	R ARCHITECTURAL GOOSENECK LIGHT				ACCOMMODATE THIS.	——————————————————————————————————————	CENTER ON ARCHITECTURAL FEATURE STRUCTURAL MEMBER - SEE STRUCTURAL DWGS
TL	VANITY LIGHT RESIDENTIAL SURFACE MOUNT DIMMABLE, T TRACK LIGHT LOBBIES	TYPICAL IN COMMERCIAL TURNKEY SPACES AND IN	ES	EMERGENCY EGRESS LIGHT EMERGENCY	ICY EGRESS EXIT SIGN						
	SURFACE MOUNT PENDANT TYPICAL OV	VER KITCHEN ISLANDS	ESL	EMERGENCY EGRESS LIGHT EMERGENCY	ICY EGRESS EXIT SIGN W/ LIGHTS						
			S _{EFI}	BATHROOM VENT TYPICAL BA	ATHROOM EXHAUST FAN/VENT						





PLATTE architecture + design

Progress Dates 2023.04.28 - BID/PERMIT 2024.08.30 - BID SET 2

Revision $\hat{1}$

Design Team: CO, JK, MR, MR, RK, RO, SO, TB Drawn by: MR, AM

REPUBLIC / 1810 REPUBLIC
ATI, OH, 45202

Job No: 22042 08/30/2024

A1.25

ALL KEYED NOTES LISTED MAY NOT APPLY TO THIS SHEET.

3.1 NEW CONCRETE SLAB. SLOPE TO DRAIN, AND CONNECT FLOOR DRAINS SEWER. SEE STRUCTURAL DRAWINGS. 3.2 VAPOR MITIGATION SYSTEM BELOW SLAB, AS REQUIRED BY

OWNER'S CONSULTANT. SEE CONSULTANT DESIGN FOR SYSTEM

- DETAILS AND LOCATIONS OF VERTICAL VENTS. SEE NOTE 22.1. 3.3 EXG OPENING TO BASEMENT TO BE CAPPED WITH CONCRETE AT GRADE. WALL TO BE INFILLED W/ CMU AND BRICK - SEE
- DETAILS AND KEYNOTE 4.3. IF IN PUBLIC R.O.W. COMPLY W/ LOCAL JURISDICTION STANDARDS. 3.4 FLOOR IN THIS AREA IS UNSTABLE. SEE STRUCTURAL DWGS.

- 4.1 TUCKPOINT BRICK AS SHOWN ON STRUCTURAL ELEVATIONS & PER SHPO NARRATIVE. SEE STRUCTURAL DWGS. 4.2 REPLACE DAMAGED/MISSING BRICK AS SHOWN ON STRUCTURAL 8.1 EXG HISTORIC DOOR AND FRAME/TRANSOM TO REMAIN. SEE 10.8 SHOWER NICHE. SEE ENLARGED PLANS, INTERIOR ELEVATIONS ELEVATIONS & PER SHPO NARRATIVE.
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- 5. METALS
- 5.1 NEW CONTINUOUS STEEL PIPE HANDRAIL. SEE DETAILS. 5.2 NEW STEEL PIPE GUARDRAIL. SEE DETAILS. 5.3 REPAIR/RETAIN EXG FIRE ESCAPE. PAINT BLACK.

6. WOOD, PLASTICS, AND COMPOSITES REPAIR DAMAGED WOOD STAIR TREADS/RISERS AS REQ'D.

- NEW RAKE TRIM & GUTTERBOARD TO MATCH EXISTING SEE ELEVATIONS. 6.3 REPAIR/RETAIN EXG CORNICE. REPAINT.
- 6.4 NEW WOOD STRUCTURAL MEMBERS. SEE STRUCTURAL DWGS. 6.5 NEW FRAMING/SHEATHING/DECKING IN THIS AREA. SEE STRUCTURAL DRAWINGS.

7. THERMAL AND MOISTURE PROTECTION REPAIR/RE-LINE EXG BOX GUTTER.

- NEW ROUND ALUMINUM DOWNSPOUT PAINTED TO MATCH 10. SPECIALTIES EXISTING SEWER SYSTEM. 7.3 NEW PVC AT LOWER 6' OF DOWNSPOUT. PAINT TO MATCH
- DOWNSPOUT. 7.4 NEW FULLY ADHERED WHITE TPO MEMBRANE ROOF W/ CRICKETS WHERE REQUIRED FOR POSITIVE DRAINAGE AND W/ TERMINATION BARS & METAL COUNTERFLASHING - SEE ROOF DETAILS. INSULATION PER SCHEDULE. B.O.D - 60 MIL WHITE TPO.
- FULLY ADHERED ROOF SYSTEM, 20 YEAR WARRANTY, BY CARLISLE SYNTEC, CARLISLE, PA, OR EQUIVALENT. NEW ROOF ACCESS HATCH. INSTALL PER MANUF'S INSTRUCTS. BASIS OF DESIGN = BILCO E50TB, 36"X36".
- PROVIDE NEW DARK BRONZE METAL CAP AT CHIMNEY. 7.7 HATCHED AREA SHOWS APPROXIMATE LOCATION OF NEW FIXED ROOF WALKWAY PADS.

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- DOOR TYPES AND SCHEDULE.
- SCHEDULE. BRICK IN SIZZE, TEXTURE, AND APPEARANCE. FACE OF BRICK IN 8.3 EXISTING HISTORIC DOOR TO REMAIN AND BE FIXED IN PLACE. 10.10 FIRE ESCAPE ACCESS WINDOW.
 - FIRE RATING TO BE CONTINUOUS BEHIND DOOR. SEE DOOR SCHEDULE AND DETAILS. 8.4 NEW DOOR IN EXISTING HISTORIC FRAME/TRANSOM. FIRE
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9. FINISHES

DETAILS.

- 9.1 EXG PLASTER AT MASONRY WALL TO BE PATCHED AND REPAIRED, WHERE POSSIBLE.
- 9.2 FIRE-RATING TO BE CONTINUOUS BEHIND PLUMBING/CHASE/ FURRING WALL. FIRE RATING TO BE CONTINUOUS AT INTERSECTION W/ NON-RATED WALL. 9.3 NEW HARDWOOD FLOORING.
- 9.4 SUPPORTING CONSTRUCTION TO BE RATED. SEE DETAILS "4" & "5" ON SHEET A6.02.

- ADJACENT WALL SURFACE. SEE EXTERIOR ELEVATIONS. TIE INTO 10.1 LOCKABLE & RECESSED MAILBOXES. BOXES TO MEET USPS-4C STANDARDS & ACCESSIBILITY REQUIREMENTS. PROVIDE CONT FIRE-RATING BEHIND MAILBOXES, WHEN REO.
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 - C. ABOVE W/D. 10.4 PROVIDE "NO SMOKING" SIGN AT EXTERIOR WALL. 10.5 FIRE EXTINGUISHER. COORDINATE FINAL LOCATION WITH LOCAL FIRE MARSHAL.
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 - 21. FIRE SUPPRESSION 21.1 APPROX LOCATION OF FDC CONNECTION - COORDINATE W/ FIRE DEPT.
 - 21.2 SPRINKLER RISER. SEE PLUMBING DWGS. 21.3 EXTERIOR TAMPER/FLOW NOTIFICATION DEVICE - COORDINATE

NEW WORK PLANS & ELEVATIONS # KEYED NOTES:

- 22.1 PROVIDE RADON RISER, AS REQUIRED BY OWNERS CONSULTANT. RISER TO EXTEND FROM BASEMENT TO ATTIC. SEE CONSULTANT DESIGN FOR LOCATIONS OF RISERS. SEE NOTE 3.2. COORDINATE WITH PLUMBING.
- 22.2 PLUMBING CHASE (OR WALL) VERIFY LOCATIONS IN FIELD TO ALIGN CONCEALMENT BETWEEN FLOORS. 22.3 HOSEBIB LOCATION. SEE PLUMBING DRAWINGS.

23. HEATING, VENTILATING, AND AIR CONDITIONING

- 23.1 MECHANICAL UNIT(S) WALKING PADS TO & AROUND EQUIPMENT. GUARDRAIL REQUIRED IF EQUIPMENT < 10' FROM ROOF EDGE. SEE HVAC & STRUCTURAL DWGS. A. ROOF <3:12, INSTALL C.U. ON SOUND ISOLATING PADS
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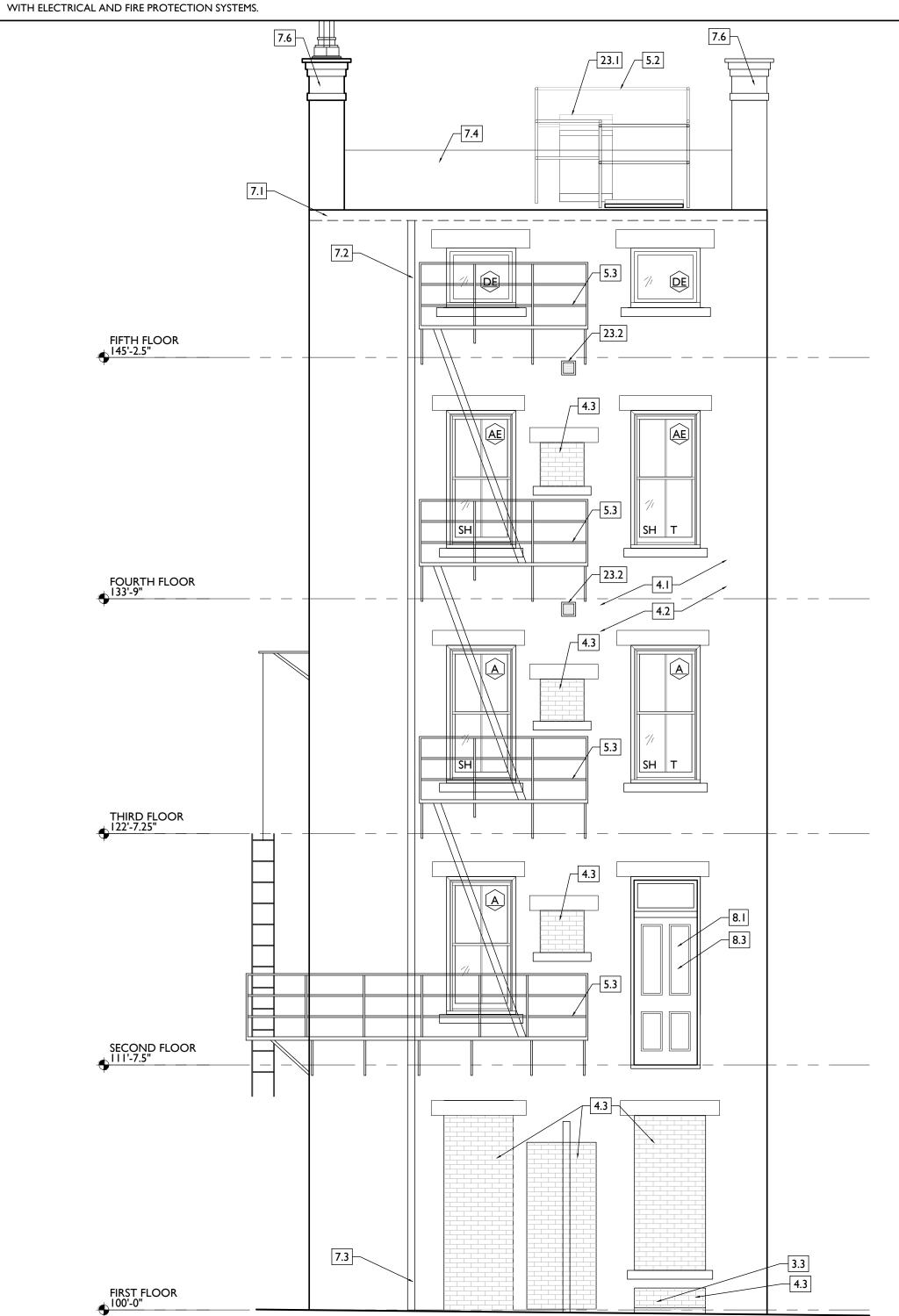
- 26. ELECTRICAL 26.1 ELECTRIC PANEL RECESSED IN WALL W/ 30"W X 36"D CLEAR IN FRONT. PAINT TO MATCH ADJACENT WALL W APPROPRIATE
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NEW WORK GRAPHIC KEY:

PARTITION TYPE - TYPE I U.N.O.



Progress Dates 2023.04.28 - BID/PERMIT 2024.08.30 - BID SET 2

Design Team:
CO, JK, MR, MR, RK, RO, SO, TB
Drawn by:
MR, AM

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SCALE: 1/4" = 1'-0"

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Progress Dates 2023.04.28 - BID/PERMIT 2024.08.30 - BID SET 2

Design Team:
CO, JK, MR, MR, RK, RO, SO, TB
Drawn by:
MR, AM

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Job No: 22042 08/30/2024

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Revisions

Design Team:
CO, JK, MR, MR, RK, RO, SO, To Drawn by:
MR, AM

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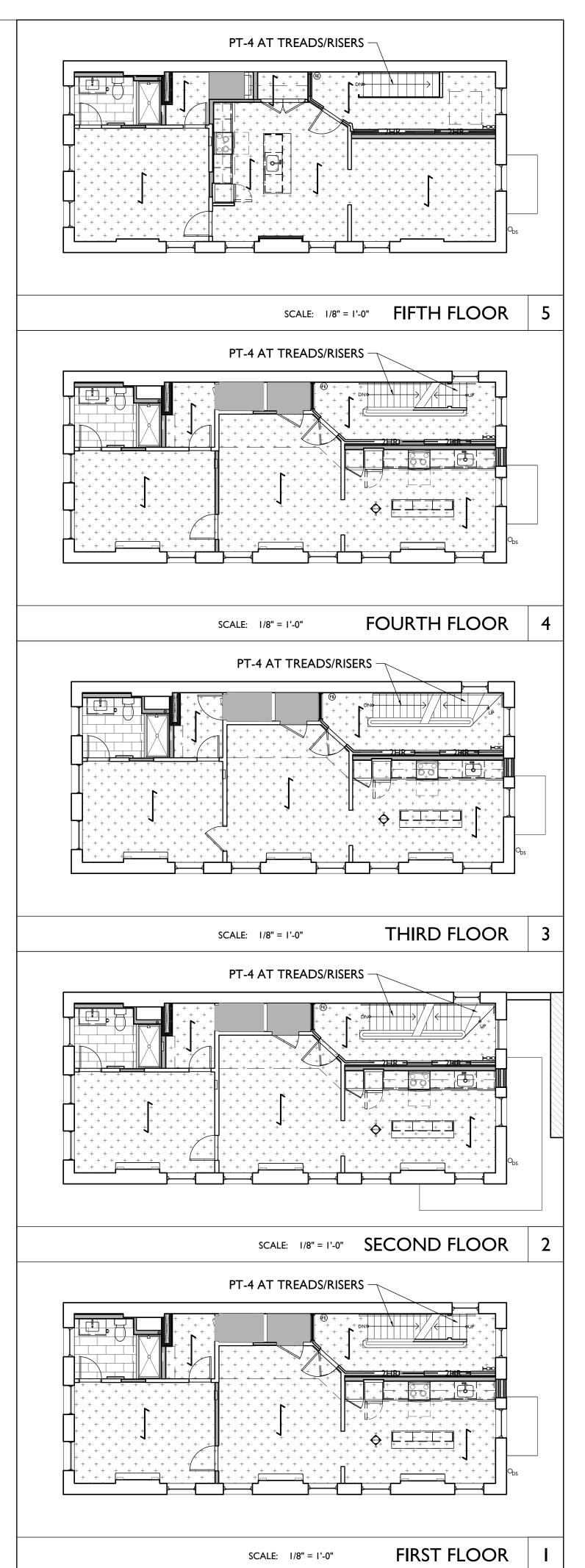
PROPOSED ELEVATION - NORTH

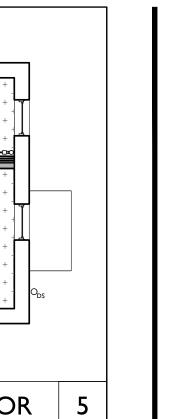
SCALE: 1/4" = 1'-0"

MATERIAL / LOCATION	CODE	DESCRIPTION	NOTES	SOURCE
		FLOORING	'	1
EXISTING WOOD FLOORING - WHERE MAINTAINED	FL-I	EXISTING WOOD FLOORING FINISH: MINWAX STAIN COLOR: HEIRLOOM OAK MW441 INFILL WOOD TO MATCH SPECIES, WIDTH, AND STAIN OF EXISTING WOOD FLOORS TOOTH INTO EXISTING WHERE POSSIBLE	STRIP, SAND AND STAIN PER MANUFACTURER'S SPECIFICATIONS	
NEW WOOD FLOORING - WHERE REQUIRED	FL-2	MANU: WOODWARD FLOORING FINISH: NATURAL WHITE OAK PLANK WIDTH: 3.25"	SEE FINISH PLANS FOR INSTALL DIRECTION.	
FLOOR TILE - BATHROOMS AND ADJACENT MEP/LAUNDRY ROOMS	FL-3	MANU: FLORIDA TILE COLLECTION: AURA COLOR: EARTH BEIGE SIZE: 12 X 24 - 3/8" THICKNESS GROUT: LATICRETE; COLOR: 97 IRON INSTALL: RUNNING BOND WITH 1/3 OFFSET	PROVIDE LIQUID APPLIED WATERPROOF MEMBRANE BELOW TILE AND FIRESTOP SEALANT AT FLOOR PENETRATIONS	FLORIDA TILE EMILY FISCHER EMILY.FISCHER@FLORIDATILE.C OM 513.824.1791
VCT - MEP/LAUNDRY ROOM FLOORS	FL-4	MANU: ARMSTRONG COLLECTION: EXCELON VCT COLOR: 51861 SOFT WARM GRAY	USE IN LAUNDRY AND MEP ONLY IF ROOM IS NOT ADJACENT TO BATHROOM. UNDERLAYMENT AS REQ'D.	PAUL MCKAY PAMCKAY@ARMSTRONGFLOO RING.COM 513.515.0228
FLOOR TILE - KITCHENS WHERE REQUIRED	FL-5	MANU: FLORIDA TILE COLLECTION: AURA COLOR: EARTH BEIGE SIZE: 12 X 24 - 3/8" THICKNESS GROUT: LATICRETE; COLOR: 97 IRON INSTALL: RUNNING BOND WITH 1/3 OFFSET	PROVIDE LIQUID APPLIED WATERPROOF MEMBRANE BELOW TILE AND FIRESTOP SEALANT AT FLOOR PENETRATIONS	FLORIDA TILE EMILY FISCHER EMILY.FISCHER@FLORIDATILE.C OM 513.824.1791
FLOOR TILE - RECESSED EXTERIOR ENTRY WHERE REQUIRED	FL-6	MANU: FIRE EARTH COLOR: BLACK, PORCELAIN FINISH: MATTE SIZE:: IXI GROUT: LATICRETE; COLOR: 24 NATURAL GRAY STRAIGHT JOINT	SEE FINISH PLANS FOR LOCATION. SEE DETAILS. INSTALL PER MANUFACTURER'S INSTRUCTIONS.	THE TILE SHOP ITEM #615819
		WALL TILE	·	
TILE - SHOWER WALLS	WT-I	MANU: FLORIDA TILE COLLECTION: ALUSTRA SIZE: 12x24 COLOR: MAJESTIC WHITE GROUT: MAPEI II; COLOR: 93 WARM GREY INSTALL: HORIZONTAL RUNNING BOND	BLACK SCHLUTER EDGE	LOUISVILLE TILE ROBYN VIDIC RVIDIC@LOUISVILLE-TILE.COM 513-276-4840
TILE - KITCHEN BACKSPLASH	WT-2	MANU: MOSA COLLECTION: COLORS SIZE: 6X6 COLOR: ACCENT WHITE GROUT: MAPEI II; COLOR: WARM GREY INSTALL: HORIZONTAL RUNNING BOND		
	•	PAINT	·	
GENERAL PAINT - UNIT AND CORRIDOR WALLS AND CEILING	PT-I	MANU: PPG ARCHITECTURAL COATINGS COLOR: SILVER FEATHER - PPG 1002-1	WALL FINISH: SATIN CEILING FINISH: FLAT	
PAINT - UNIT TRIM PAINT - UNIT ENTRY	PT-2	MANU: PPG ARCHITECTURAL COATINGS COLOR: IN THE CLOUD - PPG 0999-I	BASE, TRIM, MILLWORK FINISH: SEMI-GLOSS	
DOORS CORRIDOR: HISTORIC MILLWORK & STAIR RISERS AS REQ'D PER BUILDING	PT-3	MANU: PPG ARCHITECTURAL COATINGS COLOR: IN THE CLOUD - PPG 0999-I	FINISH: SEMI-GLOSS	
PAINT - STAIR TREADS AND/OR RISERS, AND RAILING BALUSTER AS REQ'D PER BUILDING	PT-4	MANU: PPG ARCHITECTURAL COATINGS COLOR: STONEHENGE GREIGE - PPG 1024-5	FINISH: SEMI-GLOSS SEE FINISH FLOOR PLANS	
		WALL BASE	I	1
HISTORIC WOOD BASE - WHERE ABLE TO RETAIN	WB-I	IN-UNIT: PT-2 STAIR HALL: PT-3	KEEP ALL HISTORIC BASE - REPAIR/RETAIN WHEN PRESENT. PATCH TO MATCH ADJACENT. CLEAN, SAND, AND PAINT.	
TILE BASE - BATHROOMS	WB-2	MANU: FLORIDA TILE COLLECTION: AURA COLOR: EARTH BEIGE SIZE: 12 X 24 - 3/8" THICKNESS GROUT: LATICRETE - 97 IRON	TILE TO ALIGN WITH WALL BASE 3 X 24" BLACK SCHLUTER EDGE	LOUISVILLE TILE ROBYN VIDIC RVIDIC@LOUISVILLE-TILE.COM 513-276-4840
TYPICAL NEW PAINTED WOOD BASE - WHERE REQUIRED.	WB-3	CONTRACTOR PROVIDED 1X6 POPLAR W/ TOE MOLDING IN-UNIT: PT-2		
		STAIR HALL: PT-3		

QUARTE ATTORN CONTRIPTORS SITE OF THE PRODUCTION STATES OF THE PROPERTY OF THE PRODUCTION STATES OF THE PRODUCT						SOL	ID SURFACE				
CARIEST - N. UNITS' COMMINGAL MAN COMMINGAL	COUNTERTOPS 8 COUNTERTOPS		SS-I							BRIAN.FORTII	
AREAD AREAD AND EARLY CARRIESTS WILLYWOOD BOX OPHIRICAL IS COMMINICAL IS COMMINICATION OPHIRICAL OPHIRICAL IS COMMINICATION OPHIRICAL IS COMMINICATION OPHIRICAL IS COMMINICATION OPHIRICAL IS COMMINICATION OPHIRICAL OPH						CA	SEGOODS				
GLESTA RAMELS SIZE GLASS SIZE GLA		NITS/	CG-I	DOOR S	STYLE: SUMMIT (S FULL OVERLAY				MANU: AMEROCK MONUMENT 5-1/16" CENTER TO CENTER CABINET PULL MODEL: BP36571FB	SALES@SMAR	
BATHROOMS GI-I MODEL CELA-935 FINISH CORPORE OTHER BUNDS 2 FAUX WOOD BLINDS AT ALL RESIDENTIAL UNITS, WHITE FINISH YERRY ALL LOCATIONS WITH OWNER BLOOK BECTEY 14 X 32"W FLOATING WALL MOUNT MODERN HOUSE FINISH YERRY ALL LOCATIONS WITH OWNER BLOCK WORDS BLANDS AT ALL RESIDENTIAL UNITS, WHITE BECTEY 14 X 32"W FLOATING WALL MOUNT MODERN HOUSE ALTO ALL SCANDERS BLACK WITH ALL COLOR WITH OWNER BATHROOM EQUIPMENT SCHEDULE BATHROOM EQUIPMENT SCHEDULE CODE ITEM MANUFACTURER & PRODUCT # MEDICINC CABINET				CELESTA	A FRAMELSS 3/8" (GLASS SWING DO		HOWER			
BLINDS 2' FALV WOOD BLINDS AT ALL RESIDENTIAL UNITS WHITE FINISH VERTICAL LIDCATIONS WITH OWNER SHIRLS VERTICAL LIDCATIONS WITH WORKER CONTRIBUTED BY OWNER SHIPLE CONTRIBUTED BY OWNER COORDINATE LOCATIONS WITH ACCESSIBILITY REQUIREMENTS BINAL LOCATION TO BE COORDINATE LOCATIONS WITH ACCESSIBILITY REQUIREMENTS BINAL LOCATION TO BE COORDINATE LOCATIONS WITH ACCESSIBILITY REQUIREMENTS BY OWNER AND SHIPLE COORDINATE LOCATIONS WITH ACCESSIBILITY REQUIREMENTS BY OWNER AND SHIPLE COORDINATE LOCATIONS WITH ACCESSIBILITY REQUIREMENTS BY OWNER AND SHIPLE COORDINATE LOCATIONS WITH ACCESSIBILITY REQUIREMENTS BY OWNER AND SHIPLE COORDINATE LOCATIONS WITH ACCESSIBILITY REQUIREMENTS BY OWNER AND SHIPLE COORDINATE LOCATIONS WITH ACCESSIBILITY REQUIREMENTS BY OWNER AND SHIPLE COORDINATE LOCATIONS WITH ACCESSIBILITY REQUIREMENTS BY OWNER AND SHIPLE COORDINATE LOCATIONS BY OWNER COORDINATE LOCATION BY OWNER C	ENCLOSURE - UN	IT	GL-I	MODEL: GLASS: A	AQUA GLIDE GLA						
UNIT ENTRY SIGNAGE NUMBER, BLACK, VERITY ALL LOCATIONS WITH ACCESSIBLITY REQUIREMENTS BINAL LOCATION TO BE COORDINATE LOCATIONS WITH ACCESSIBLITY REQUIREMENTS A COORDINATE LOCATION WITH ACCESSIBLITY REQUIREMENTS A GRAB BASS MANUFACTURER & PRODUCT # MOUNTING HEIGHT REMARKS A GRAB BASS UNE S-SBOKTIB SIZE (18) YX 36 (47) \$4.2 (42") MANUFACTURER & PRODUCT # PER BEVATIONS & ACCESSIBLITY REQUIREMENTS B DIAPER CHANGE STATION MONE RE200-SS HORIZONTAL WALL MOUNTED REQUIREMENTS REQUIREMENTS B DIAPER CHANGE STATION MONE RE200-SS HORIZONTAL WALL MOUNTED MANUK KOHLER SIZE (50 YK) SONGE DOOR REVERSIBLE HINGE FRAMELESS MIRRORAD HEIGICINE CABINET MODEL ASSISTANT MODEL AS	BLINDS					AT ALL RESIDENT	IAL UNITS, WH	IITE			
A GRAB BARS MANUE CORDITION OF THE MOUNTING HEIGHT REMARKS A GRAB BARS LINE SASSANI SELECTION OF THE RELEVATIONS & COMMERCIAL BATHROOK SELECTION OF THE RELEVATIONS AND COMMERCIAL BATHROOK SELECTION OF THE RELEVATION OF THE RELE	unit entry sign	IAGE		NUMBER	R, BLACK. VERIFY DINATE LOCATIO	ALL LOCATIONS	WITH OWNER				om/mr37xwxn
A GRAB BARS MANU BOBRICK LINE B-SBOKICK LINE B-SBOK	BATHRO	OM E	QUIPN	1ENT	SCHEDU	LE		·			
A GRAB BARS LINE B-3806X18 SIZE (187) X 36 (36) % 42 (42") B DIAPER CHANGE STATION MANU: KOALA KARE MODEL: KEZOSS HONIZONTAL WALL MOUNTED HEIGHT TO TO. STATION, WORKSURRACE WHEN OPEN COMMERCIAL BATHROOM WORKSURRACE WHICH OPEN ABILE WAS A STANDING HOUSE OF THE WORK OF THE WOR	CODE	ITEM			MANUFACTU	RER & PRODUCT	#		MOUNTING HEIGHT	REMARKS	
B DIAPER CHANGE STATION MANUAL KARK MANUE MEDICINE CABINST MODEL REBUSS SHORIZONTAL WALL MOUNTED RECESSED: MANUE KOHLER 15-207 SINGLE DOOR REVERSIBLE HINGE FRAMELESS HIRRORD MEDICINE CABINET MEDICINE CABINET MEDICINE CABINET MEDICINE CABINET MEDICINE CABINET MEDICINE CABINET MEDICINE CABINET MEDICINE CABINET MEDICINE CABINET MEDICINE CABINET MEDICINE CABINET MEDICINE CABINET SUFFACE MOUNT 16/3227 SINGLE DOOR MEDICINE CABINET MIRRORD MODEL : 455-5102 SINGLE DOOR MEDICINE CABINET MIRRORD MODEL : 455-5102 SINGLE DOOR MEDICINE CABINET MEDICINE TISSUE TOILET TISSUE TOILET TISSUE TOILET TISSUE TOILER THE FAIL OF THE MEDICINE CABINET MIRRORDUCT # 10220 MANUE AND	A	GRAB I	BARS		LINE: B-5806X18				ACCESSIBILITY	COMMERCIA	L BATHROOM
MANU. KOHLER MANU. KOHLER MANUE KOHLER MANUE KOHLER	В	DIAPER	CHANGE S	STATION	MODEL: KB200-S		ALL MOUNTED	,	HEIGHT TO T.O. STATION. WORKSURFACE WHEN OPE	COMMERCIA	L BATHROOM
SURFACE MOUNTED: RANGAIRE SURFACE MOUNT IS*X22* SINGLE DOOR MEDICINE CABINET WITH REVERSIBLE DOOR SWING MODEL: 4565MX AS ITADDITIONAL PAPER TOWEL DISPENSER MULTIL, C-POLD, SURFACE MOUNTED BLACK MODEL: 4565MX AS ITADDITIONAL PAPER TOWEL DISPENSER PER ACCESSIBILITY REQUIREMENTS, 48* MAX TO HIGHEST OPERABLE PART FOILET TISSUE COLLECTION: CLEARWATER TOILER PAPER HOLDER FINISH MATTE BLACK PRODUCT #10220 HARNEY HARDWARE COLLECTION: CLEARWATER 17 OWEL HOOK 24* TOWEL BAR RINISH MATTE BLACK PRODUCT #10220 HARNEY HARDWARE COLLECTION: CLEARWATER 24* TOWEL BAR RINISH MATTE BLACK PRODUCT #10220 FARRIEY HARDWARE COLLECTION: CLEARWATER ROBE HOOK ROB HOOK ROBE HOOK ROB HOOK ROB HOOK ROB HOOK ROB HOOK ROB HATCH HOOK ROB HOOK ROB HATCH HOOK ROB HATCH HOOK ROB HATCH HOOK ROB WAX HOOK RO	CI				MANU: KOHLER 16"x20" SINGLE D MIRRORED MED	OOR REVERSIBLE HICINE CABINET	IINGE FRAMELE	ESS			
ASI TRADITIONAL PAPER TOWEL DISPENSER MULTI, CFOLD, SURFACE MOUNTED BLACK MODEL: ASI 0210-41 EI TOILET TISSUE DISPENSER TOILER PAPER HOLDER FINISH: MATTE BLACK PRODUCT #10202 HARNEY HARDWARE COLLECTION: CLEARWATER TOILER PAPER HOLDER FINISH: MATTE BLACK PRODUCT #10202 HARNEY HARDWARE COLLECTION: CLEARWATER 24" TOWEL BAR FINISH: MATTE BLACK PRODUCT #10202 "HARNEY HARDWARE COLLECTION: CLEARWATER 24" TOWEL BAR FINISH: MATTE BLACK PRODUCT #10202 "HARNEY HARDWARE COLLECTION: CLEARWATER 24" TOWEL BAR FINISH: MATTE BLACK PRODUCT #10202 "HARNEY HARDWARE COLLECTION: CLEARWATER ROBE HOOK FINISH: MATTE BLACK PRODUCT #10218" MANU: MATTE BLACK PRODUCT #102218" MANU: MATTE BLACK PRODUCT #102218" MANU: MATTE BLACK PRODUCT #102218" MANU: MATTE B	C2	MEDICII	NE CARINE	ı	RANGAIRE SURFACE MOUN WITH REVERSIBL	IT 16"X22" SINGLE D LE DOOR SWING	DOOR MEDICIN	NE CABINET		UNII BATHK	OOMS
EI TOILET TISSUE DISPENSER COLLECTION: CLEARWATER TOILER PAPER HOLDER FINISH: MATTE BLACK PRODUCT #10220 HARNEY HARDWARE COLLECTION: CLEARWATER 24" TOWEL HOOK PRODUCT #10220 HARNEY HARDWARE COLLECTION: CLEARWATER 24" TOWEL BAR 48" A.F.F. UNIT BATHROOMS E3 ROBE HOOK PRODUCT #10222 HARNEY HARDWARE COLLECTION: CLEARWATER 48" A.F.F. UNIT BATHROOMS E3 ROBE HOOK PRODUCT #10222 HARNEY HARDWARE COLLECTION: CLEARWATER ROBE HOOK FINISH: MATTE BLACK PRODUCT #10218" MANU: MIRROR PRODUCT #10218" MIRROR PRODUCT #10218" MANU: MIRROR PRODUCT #10218" MIRROR PRELEVATIONS ACCESSIBILITY REQUIREMENTS MANU: MIRROR PRODUCT #10218" MANU: MIRROR PRODUCT	D	PAPER	TOWEL DIS	SPENSER	ASI TRADITIONA MULTI, C-FOLD,	AL PAPER TOWEL D SURFACE MOUNTE	-		REQUIREMENTS, 48" MAX TO	COMMERCIA	L BATHROOM
E2 TOWEL HOOK 24" TOWEL BAR FINISH: MATTE BLACK PRODUCT #10222 E3 ROBE HOOK "HARNEY HARDWARE COLLECTION: CLEARWATER ROBE HOOK FINISH: MATTE BLACK PRODUCT #10218" E4 MIRROR MIRROR MIRROR SIZE: 24 X 36 FINISH: BLACK PINISH: BLACK PRODUCT #10218" E5 MIRROR MIRROR MIRROR SIZE: 24 X 36 FINISH: BLACK E6 TOILET PARTITION MANU: ASI ACCURATE PARTITIONS ACCESSIBILITY REQUIREMENTS E7 MANU: NUTICOMMERCIAL BATHROOM PER ELEVATIONS & ACCESSIBILITY REQUIREMENTS E8 MIRROR MANU: ASI ACCURATE PARTITIONS ACCESSIBILITY REQUIREMENTS E8 MIRROR MIRROR MANU: ASI ACCURATE PARTITIONS ACCESSIBILITY REQUIREMENTS E8 MIRROR MIRROR MANU: ASI ACCURATE PARTITIONS ACCESSIBILITY REQUIREMENTS E8 MIRROR MIRROR MIRROR MANU: ASI ACCURATE PARTITIONS ACCESSIBILITY REQUIREMENTS E8 MIRROR MIRROR MIRROR MANU: ASI ACCURATE PARTITIONS ACCESSIBILITY REQUIREMENTS E8 MIRROR MIRROR MIRROR MANU: ASI ACCURATE PARTITIONS ACCESSIBILITY REQUIREMENTS E8 MIRROR MIRROR MIRROR MANU: ASI ACCURATE PARTITIONS ACCESSIBILITY REQUIREMENTS E8 MIRROR MIRROR MIRROR MIRROR MIRROR MANU: ASI ACCURATE PARTITIONS ACCESSIBILITY REQUIREMENTS E8 MIRROR M	EI	I			COLLECTION: C TOILER PAPER H FINISH: MATTE B	LEARWATER OLDER SLACK			ACCESSIBILITY		
F MIRROR MANU: NUTYPE (HOME DEPOT) COLLECTION: MANU: NUTYPE (HOME DEPOT) COLLECTION: MEDIUM RECTANGLE BLACK SHELVES AND DRAWERS MODERN MIRROR SIZE: 24 X 36 FINISH: BLACK MANU: NUTYPE (HOME DEPOT) COLLECTION: MEDIUM RECTANGLE BLACK SHELVES AND DRAWERS MODERN MIRROR SIZE: 24 X 36 FINISH: BLACK G TOILET PARTITION MANU: ASI ACCURATE PARTITIONS MATERIAL: SOLID PLASTIC (HDPE) H SHOWER CURTAIN ROD TBD APPLIANCE/ EQUIPMENT SCHEDULE WASI'A.F.F. UNIT/COMMERCIAL BATHROOMS PER ELEVATIONS & ACCESSIBILITY REQUIREMENTS COMMERCIAL BATHROOMS APPLIANCE/ EQUIPMENT SCHEDULE	E2	TOWE	EL HOOK		COLLECTION: C 24" TOWEL BAR FINISH: MATTE B	LEARWATER SLACK			48" A.F.F.	UNIT BATHR	OOMS
F MIRROR COLLECTION: MEDIUM RECTANGLE BLACK SHELVES AND DRAWERS MODERN MIRROR SIZE: 24 X 36 FINISH: BLACK G TOILET PARTITION MANU: ASI ACCURATE PARTITIONS MATERIAL: SOLID PLASTIC (HDPE) H SHOWER CURTAIN ROD TBD MANU: NUTYPE (HOME DEPOT) COLLECTION: MEDIUM RECTANGLE BLACK SHELVES AND DRAWERS MODERN MIRROR SIZE: 24 X 36 FINISH: BLACK PER ELEVATIONS & ACCESSIBILITY REQUIREMENTS COMMERCIAL BATHROOF PER ELEVATIONS UNIT BATHROOMS	E3	ROBE I	НООК		COLLECTION: C ROBE HOOK FINISH: MATTE B	LEARWATER BLACK			48" A.F.F.		
TOILET PARTITION MATERIAL: SOLID PLASTIC (HDPE) ACCESSIBILITY REQUIREMENTS PER ELEVATIONS UNIT BATHROOMS APPLIANCE/ EQUIPMENT SCHEDULE	F	MIRRO	PR		COLLECTION: N DRAWERS MOD SIZE: 24 X 36	1ÈDIUM RECTAŃG	LE BLACK SHE	LVES AND	ACCESSIBILITY		
APPLIANCE/ EQUIPMENT SCHEDULE	G	TOILE	Γ PARTITIO	Ν			IS		ACCESSIBILITY	COMMERCIA	L BATHROOM
	н	SHOW	ŒR CURTA	IN ROD	TBD	APPLIAN	CE/ EQU	IIPMEI		UNIT BATHR	.OOMS
LOCATION CODE DESCRIPTION FINISH NOTES						ITEM/				FINISH	NOTES

A DDI I A NI	oc/ co:		PER ELEVATIONS	UNIT BATHR	OOMS
ITEM/ LOCATION	CE/ EQU	DESCRIPT	T SCHEDULE	FINISH	NOTES
MICROWAVE HOOD, RESIDENTIAL KITCHENS	EQ-I		OVEN MICROWAVE OVEN KHAUST - VERTICAL VENT	STAINLESS	MOUNTING HEIGHT, SEE ELEVATIONS.
RANGE/OVEN, RESIDENTIAL KITCHENS	EQ-2	FREE STANI	PROFILE-30" WIDE 5.3 CU.FT. DING ELECTRIC FINGERPRINT RANGE WITH CONVECTION 935TPFS	STAINLESS	MOUNTING HEIGHT, SEE ELEVATIONS.
DISHWASHER, RESIDENTIAL KITCHENS	EQ-3	MANU: GE-2 FRONT CO MODEL: GD		STAINLESS	MOUNTING HEIGHT, SEE ELEVATIONS.
REFRIGERATOR, I BEDROOM & EFFICIENCY UNITS	EQ-4		- 24" WIDE SMALL SPACE ER REFRIGERATOR - 11.6 E12FSKSB	STAINLESS WITH BLACK HANDLES	MOUNTING HEIGHT, SEE ELEVATIONS.
REFRIGERATOR 2&3 BEDROOM UNITS	EQ- 5		- 30" WIDE TOP-FREEZER FOR - 19.2 CU.FT. E12FSKB	FINGERPRINT RESISTANT STAINLESS	MOUNTING HEIGHT, SEE ELEVATIONS.
WASHER, RESIDENTIAL UNITS	EQ-6	WASHER 4.	27" WIDE FRONT LOAD 5 DOE CU.FT. W430SSMWW	WHITE	MOUNTING HEIGHT,SEE PLANS
DRYER, RESIDENTIAL UNITS	EQ-7		- 27" WIDE FRONT LOAD CU.FT. CAPACITY	WHITE	MOUNTING HEIGHT,SEE PLANS
WASHER, SHARED LAUNDRY FACILITIES	EQ-8		ED QUEEN QUANTUM GOLD NTROL FRONT LOAD	WHITE	MOUNTING HEIGHT,SEE PLANS
DRYER, SHARED LAUNDRY FACILITIES	EQ-9		ED QUEEN QUANTUM GOLD F CONTROL SINGLE DRYER	WHITE	MOUNTING HEIGHT, SEE PLANS
MICROWAVE, ACCESSIBLE RESIDENTIAL KITCHENS	EQ-10	BELOW CO	GIDAIRE GALLERY - 2.2 CU.FT. JUNTERTOP BUILT-IN /E OVEN (#GMBS3068AF) W/ T	STAINLESS	MOUNTING HEIGHT, SEE ELEVATIONS.
RANGE HOOD, ACCESSIBLE RESIDENTIAL KITCHENS	EQ-11	MANU: GE - CONVERTIE	. 30" WIDE OVER THE RANGE BLE HOOD	FINGERPRINT RESISTANT STAINLESS	MOUNTING HEIGHT, SEE ELEVATIONS.





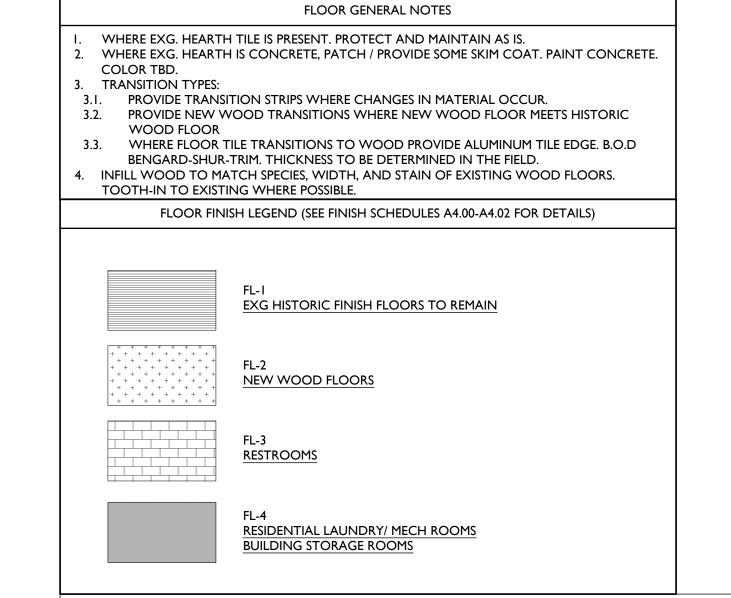
Progress Dates 2023.04.28 - BID/PERMIT 2024.08.30 - BID SET 2

Design Team: CO, JK, MR, MR, RK, RO, SO, TB Drawn by: MR, AM

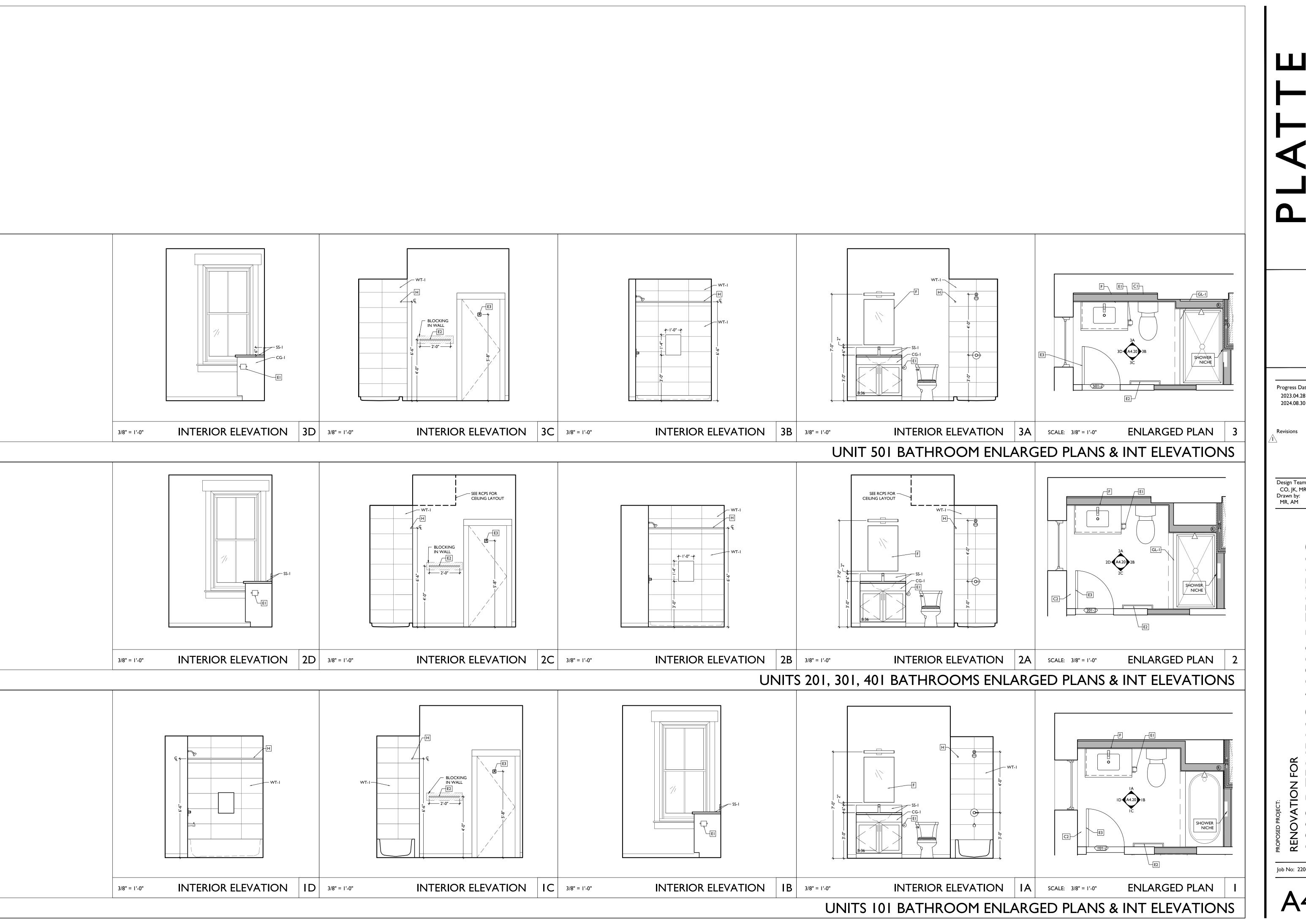
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REPUBLIC 808 Job No: 22042 08/30/2024

FINISH FLOOR PLANS







LATTE

Progress Dates
2023.04.28 - BID/PERMIT
2024.08.30 - BID SET 2

Design Team:
CO, JK, MR, MR, RK, RO, SO, TB
Drawn by:
MR, AM

FOR PUBLIC / 1810 REPUBLIC 2H, 45202

RENOVATION FOR

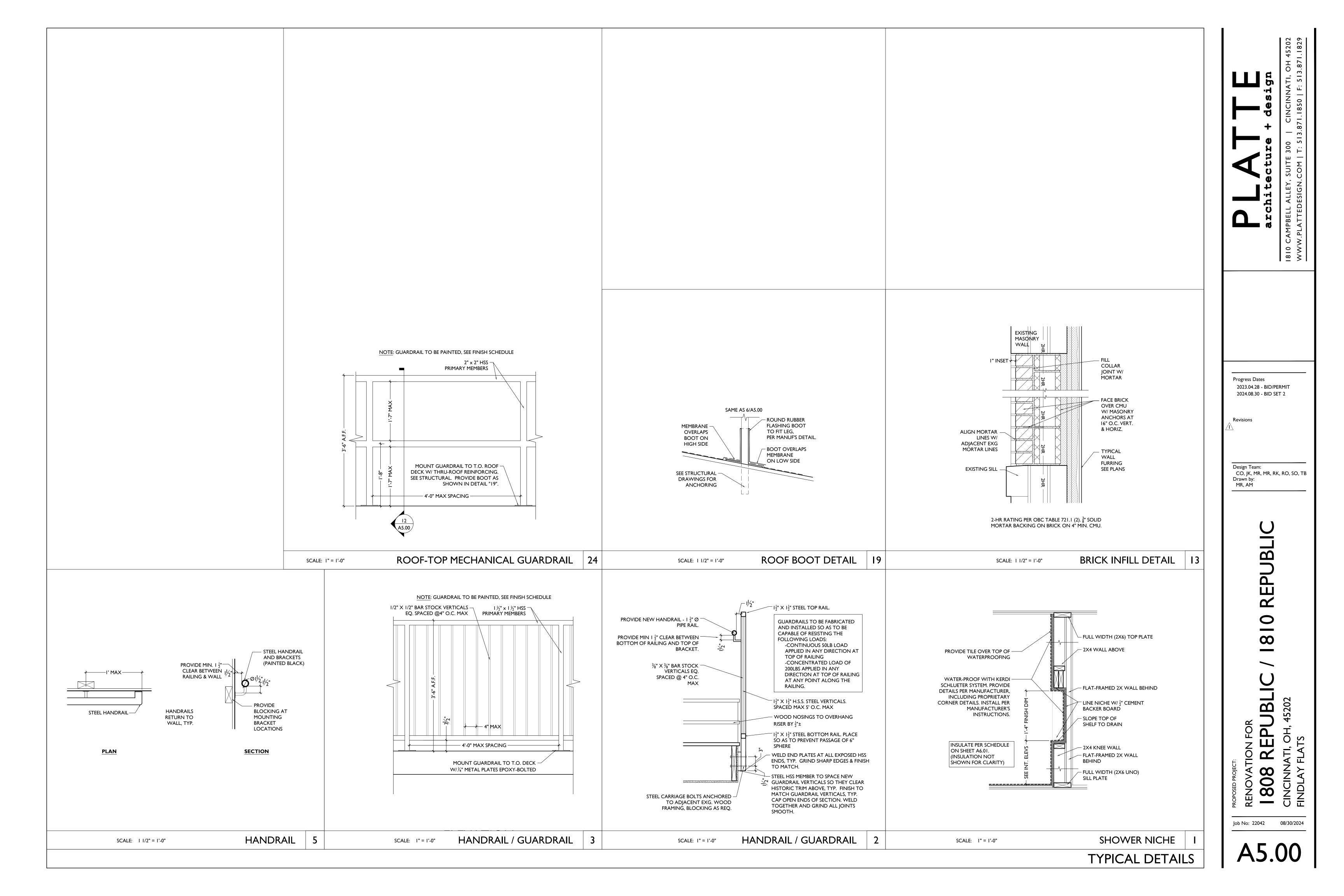
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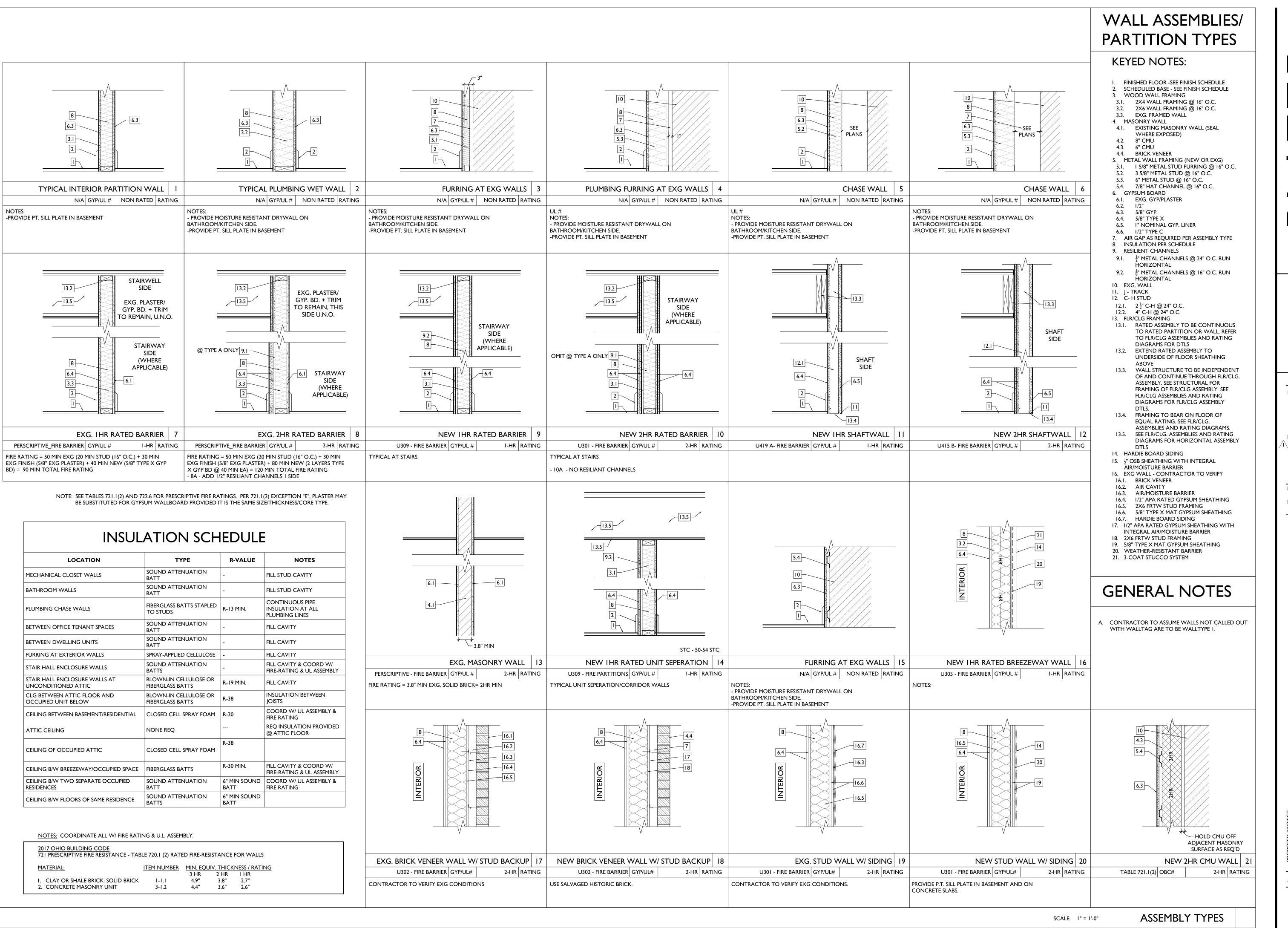
1808 REPUBLIC

CINCINNATI, OH, 45202

FINDLAY FLATS

A4.20





chitecture + design

Progress Dates
2023.04.28 - BID/PERMIT
2024.08.30 - BID SET 2

Revisio

Design Team:
CO, JK, MR, MR, RK, RO, SO, TB
Drawn by:

EPUBL

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MR, AM

POSED PROJECT:

ENOVATION FOR

808 REPUBLIC / 18

Job No: 22042 08/30/2024

A6.00

TYPICAL FLOOR/CEILING/SHAFT ASSEMBLIES (LABELED ON PLANS AND SECTION DIAGRAM ON SHEET A0.01) — EXG OR NEW 3/4" NAIL-DOWN HARDWOOD FLOOR (PER - EXG OR NEW WOOD FLOOR (WHEN CERAMIC TILE IS FINAL FINISH, PROVIDE (2) LAYERS OF WOOD SUBFLOOR). UL DESIGN L505) -OR- 5/8" PLYWOOD UNDERLAYMENT (PER UL DESIGN L511). COORDINATE W/ FINISH SCHEDULE. - EXG 3/4" T&G FLOOR FINISH VARIES - SEE - FINISH VARIES - SEE - FINISH VARIES - NOT OR NEW 3/4" PART OF FIRE ASSEMBLY. SCHEDULE. SCHEDULE. - EXG 3/4" T&G FLOOR OR NEW ----*-*---PLYWOOD SUBFLOOR. 3/4" PLYWOOD SUBFLOOR. _________ _________ EXG FLOOR JOISTS. EXG FLOOR JOISTS. EXG 3/4" T&G FLOOR EXG 3/4" T&G FLOOR - EXG 3/4" T&G FLOOR - INSULATION PER SCHEDULE. OR NEW 3/4" OR NEW 3/4" OR NEW 3/4" - INSULATION PER SCHEDULE. PLYWOOD SUBFLOOR. PLYWOOD SUBFLOOR. PLYWOOD SUBFLOOR. - I/2" RESILIENT EXG FLOOR JOISTS. - EXG FLOOR JOISTS. - EXG FLOOR JOISTS. — (I) LAYER 5/8" TYPE-C GYP. BD. CHANNELS @ 24" O.C. — I/2" RESILIENT CHANNELS **INSULATION PER** INSULATION PER @ 24" O.C. SCHEDULE. SCHEDULE. I) ADDITIONAL LAYER I/2" (I) LAYER 5/8" GYP BD, TYP TYPE-C GYP. BD. WHEN (I) ADDITIONAL LAYER I/2" TYPE-C - NO FINISH CEILING. (2) LAYERS 5/8" INSULATION IS USED - SEE EXCEPT IN BASEMENTS, U.N.O. GYP. BD. WHEN INSULATION IS USED TYPE-X GYP. BD. NOTES BELOW RE: BASEMENT - SEE NOTES BELOW RE: BASEMENT & & EXTERIOR CONDITIONS EXTERIOR CONDITIONS I-HR FLR/CLG MEMBRANE FLR/CLG ASSEMBLY | B FLR/CLG ASSEMBLY | A I-HR FLR/CLG DWELLING SEPERATION | D 2 HR FLR/CLG CORRIDOR/USE GROUP SEP. NON RATED | RATING I-HR RATING N/A GYP/UL# NON RATED RATING N/A GYP/UL# GA-FC-5406 GYP/UL# UL#L514 | GYP/UL# UL#L505 -OR- L511 | GYP/UL # 2-HR RATING NOTES: PROVIDE MOISTURE RESISTANT DRYWALL IN BASEMENTS NOTES: PROVIDE MOISTURE RESISTANT DRYWALL IN BASEMENTS -PROTECTION PROVIDED FROM UNDERSIDE NOTES: PROVIDE MOISTURE RESISTANT DRYWALL IN BASEMENTS + -PROVIDE MOISTURE RESISTANT DRYWALL IN BASEMENTS NOTES: PROVIDE MOISTURE RESISTANT DRYWALL IN BASEMENTS + EXTERIOR SOFFIT BOARD EXTERIOR APPLICATIONS EXTERIOR SOFFIT BOARD IN EXTERIOR APPLICATIONS EXG OR NEW 3/4" NAIL-DOWN HARDWOOD FLOOR (PER - EXG OR NEW 3/4" NAIL-DOWN HARDWOOD FLOOR (PER - FINISH VARIES - NOT UL DESIGN L505) -OR- 5/8" PLYWOOD UNDERLAYMENT UL DESIGN L505) -OR- 5/8" PLYWOOD UNDERLAYMENT PART OF FIRE ASSEMBLY. FINISH VARIES - SEE (PER UL DESIGN L511). COORDINATE W/ FINISH SCHEDULE. (PER UL DESIGN L511). COORDINATE W/ FINISH SCHEDULE SCHEDULE. - EXG 3/4" T&G FLOOR OR EXG 3/4" T&G FLOOR OR NEW - EXG 3/4" T&G FLOOR OR NEW - EXG 3/4" T&G FLOOR OR NEW NEW 3/4" PLYWOOD 3/4" PLYWOOD SUBFLOOR. 3/4" PLYWOOD SUBFLOOR. - EXG FLOOR JOISTS (SHOWN - EXG FLOOR JOISTS (SHOWN - EXG FLOOR JOISTS (SHOWN TRANSVERSE TO SECTION CUT) **EXG FLOOR JOISTS.** TRANSVERSE TO SECTION CUT). TRANSVERSE TO SECTION CUT). - INSULATION PER SCHEDULE. - INSULATION PER SCHEDULE. - INSULATION PER SCHEDULE. - INSULATION PER IX3 BRIDGING. (NOT SHOWN) SCHEDULE. - IX3 BRIDGING. (NOT SHOWN) - IX3 BRIDGING. (NOT SHOWN) - (I) LAYER 5/8" TYPE-C GYP. BD. — RSIC-I CLIPS @ 48" O.C. - ATTACH (3) LAYERS 5/8" - RSIC-1 CLIPS @ 48" O.C. - ATTACH - RSIC-1 CLIPS @ 48" O.C. - ATTACH TO ALTERNATING JOISTS - 7/8" TYPE-X GYP. BD. TO ALTERNATING JOISTS - 7/8" TO ALTERNATING JOISTS - 7/8" **RESILIENT CHANNELS FRICTION FIT RESILIENT CHANNELS FRICTION FIT RESILIENT CHANNELS FRICTION FIT** 7/8" RESILIENT INSIDE CLIPS - SPACING PER INSIDE CLIPS - SPACING PER INSIDE CLIPS - SPACING PER CHANNELS @ 24" O.C. MANUF'S INSTRUCTIONS. MANUF'S INSTRUCTIONS. MANUF'S INSTRUCTIONS. 1) LAYER 5/8" GYP BD, TYP - (I) LAYER 5/8" TYPE-C GYP. BD. (I) LAYER 5/8" TYPE-X EXCEPT IN BASEMENTS, U.N.O. — (I) ADDITIONAL LAYER I/2" TYPE-C GYP. BD. WHEN - (I) ADDITIONAL LAYER I/2" TYPE-C GYP. BD. WHEN GYP. BD. INSULATION IS USED - SEE NOTES BELOW INSULATION IS USED - SEE NOTES BELOW 2-HR FLR/CLG MEMBRANE | F FLR/CLG ASSEMBLY | G I-HR FLR/CLG MEMBRANE 2-HR FLR/CLG MEMBRANE GA-FC-5725 GYP/UL# 2-HR RATING NON RATED RATING GYP/UL# UL #L514 | GYP/UL # I-HR RATING UL #L505 -OR- L511 | GYP/UL # NOTES: - PROVIDE MOISTURE RESISTANT DRYWALL IN BASEMENTS + NOTES: - PROVIDE MOISTURE RESISTANT DRYWALL IN BASEMENTS + -PROVIDES PROTECTION FROM UNDERSIDE **EXTERIOR SOFFIT BOARD IN EXTERIOR APPLICATIONS** EXTERIOR SOFFIT BOARD IN EXTERIOR APPLICATIONS - IF INDICATED IN PLAN KEYNOTES, REINSTALL HISTORIC TIN - IF INDICATED IN PLAN KEYNOTES, REINSTALL HISTORIC TIN CEILING AT UNDERSIDE OF ASSEMBLY CEILING AT UNDERSIDE OF ASSEMBLY TYPICAL ROOF ASSEMBLIES ICE GUARD (&/OR ICE SHEILD) (LABELED ON PLANS AND SECTION DIAGRAM ON SHEET A0.01) WHERE INDICATED ON ROOF PLANS MEMBRANE ROOF. PREFINISHED UNDERLAYMENT. - ICE BARRIER PREFINISHED -STANDING SEAM _____ 1/4" DENSDECK - ICE BARRIER MEMBRANE ROOF. -STANDING SEAM METAL ROOF UNDERLAYMENT. METAL ROOF - I/4" DENSDECK - SHEATHING PER MEMBRANE ROOF. -SHEATHING PER UNDERLAYMENT STRUCTURAL DWGS CONTINUOUS 3" _____ STRUCTURAL DWGS SHEATHING PER (TYP. U.N.O. -POLYISO INSULATION, STRUCTURAL DWGS (TYP. U.N.O. -REPAIR/RETAIN EXG). R-20 MIN. (TYP. U.N.O. -REPAIR/RETAIN EXG). SHEATHING PER - CLOSED CELL SPRAY REPAIR/RETAIN EXG). STRUCTURAL DWGS FOAM INSULATION, SHEATHING PER **CLOSED CELL SPRAY** (TYP. U.N.O. -STRUCTURAL DWGS REPAIR/RETAIN EXG). FOAM INSULATION, (TYP. U.N.O. -R-38 MIN. REPAIR/RETAIN EXG). - FRAMING PER STRUCTURAL DWGS STRUCTURAL DWGS (TYP. U.N.O. - REPAIR/RETAIN EXG). - FRAMING PER STRUCTURAL DWGS (TYP. U.N.O. -- SEE RCPS. IF EXG, PATCH AND REPAIR (TYP. U.N.O. - REPAIR/RETAIN EXG). REPAIR/RETAIN EXG). - FRAMING PER STRUCTURAL DWGS FRAMING PER STRUCTURAL DWGS DAMAGED AREAS. REPLACE AT AREAS OF (TYP. U.N.O. - REPAIR/RETAIN EXG). (TYP. U.N.O. - REPAIR/RETAIN EXG). FRAMING MODIFICATION. - NO FINISH CEILING. NOTE: SPRAY FOAM MUST BE PROTECTED SEE RCPS (TYP CLG = 5/8") - SEE RCPS. IF EXG, PATCH AND REPAIR NOTE: SPRAY FOAM MUST BE PROTECTED BY 1/2" THERMAL BARRIER, MIN. DAMAGED AREAS. REPLACE AT AREAS BY I/2" THERMAL BARRIER, MIN. OF FRAMING MODIFICATION. PROVIDE ROOF CLASS RATING AS INDICATED ON CODE ANALYSIS. INSULATED METAL ROOF MTI UNSULATED METAL ROOF MT2 INSULATED MEMBRANE ROOF | MI UNINSULATED MEMBRANE ROOF | M2 OUTBOARD INSULATED MEMBRANE ROOF | M3 N/A GYP/UL# RATING N/A GYP/UL# RATING N/A GYP/UL# N/A GYP/UL# RATING N/A GYP/UL# RATING - USED WHERE TOP FLOOR IS OCCUPIED - USED WHERE ATTIC/INTERSTITIAL SPACE IS UNOCCUPIED - USED WHERE TOP FLOOR IS OCCUPIED - USED WHERE TOP FLOOR IS OCCUPIED - USED WHERE TOP FLOOR IS OCCUPIED - INSULATION TO BE PROVIDE AT CLG OF OCCUPIED SPACE BELOW ICE GUARD WHERE **FIBERGLASS** INDICATED ON SHINGLE **ROOF PLANS** ICE GUARD WHERE NEW 25 YR -INDICATED ON ROOF SHEATHING PER STRUCT **FIBERGLASS PLANS** SHINGLE SHEATHING PER (TYP UNO- REPAIR/RETAIN STRUCT DWGS EXISTING) (TYP UNO-**INSULATION PER** REPAIR/RETAIN SCHEDULE EXISTING) FRAMING PER FRAMING PER STRUCT STRUCT DWGS (TYP UNO-(TYP UNO-REPAIR/RETAIN REPAIR/RETAIN EXISTING) EXISTING) - SEE RCPS (TYP CLG = $\frac{5}{8}$ ") NO FINISH CEILING. NOTE: SPRAY FOAM MUST BE PROTECTED BY 1/2" THERMAL BARRIER, MIN. PROVIDE ROOF CLASS RATING AS INDICATED PROVIDE ROOF CLASS RATING AS INDICATED ON CODE ANALYSIS. ON CODE ANALYSIS. UNINSULATED SHINGLE ROOF | ST INSULATED SHINGLE ROOF | S2 N/A GYP/UL# RATING N/A GYP/UL# RATING - USED WHERE TOP FLOOR IS OCCUPIED. - COORDINATE W/ INSULATION SCHEDULE **ASSEMBLY TYPES**

Progress Dates 2023.04.28 - BID/PERMIT 2024.08.30 - BID SET 2

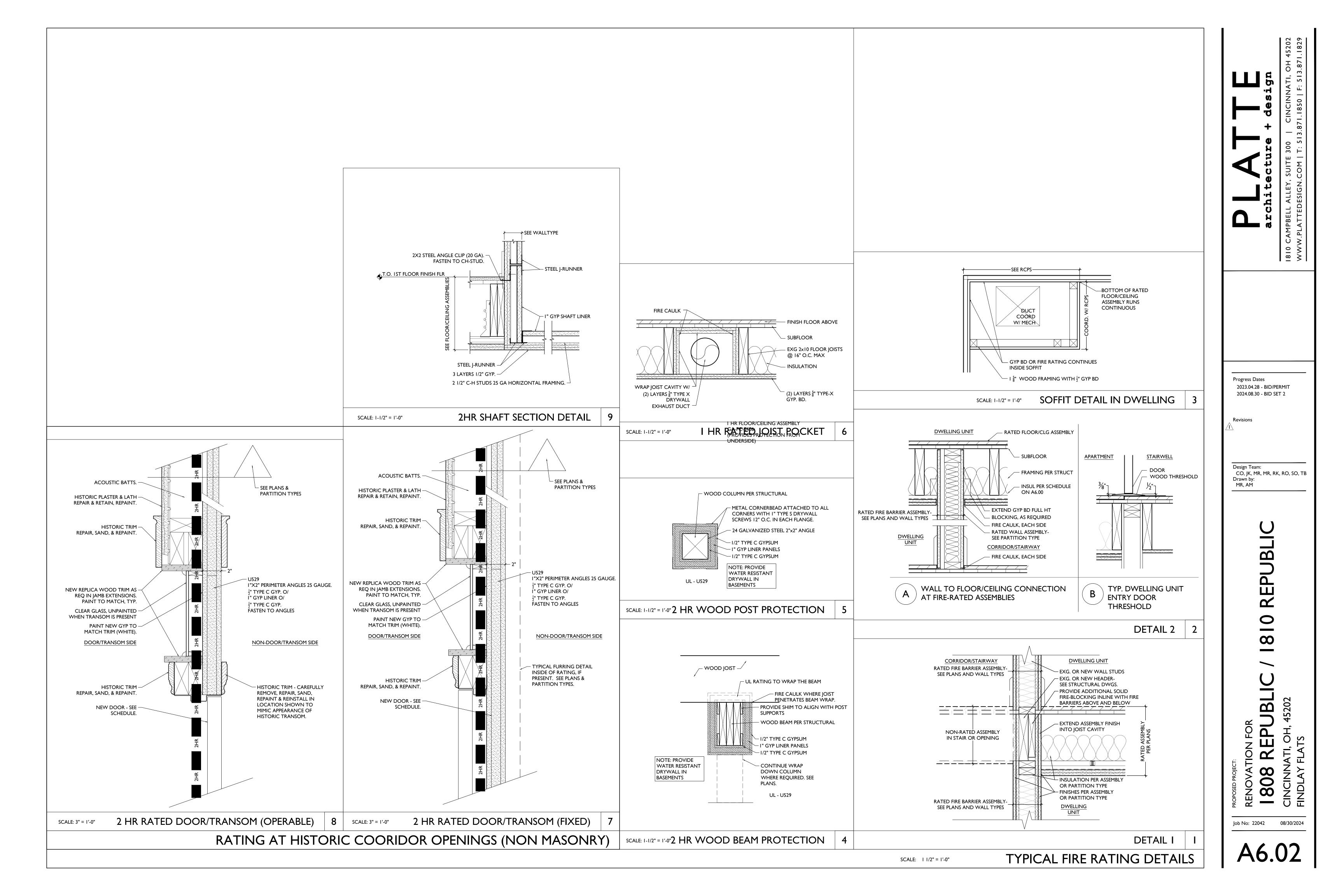
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SCALE: | 1/2" = 1'-0"



HARDWARE SCH	EDULE	CALL OUT LEGENDS DOOR SCHEDULE												
HDWR M	DESCRIPTION	DOOR FINISHES (ALSO SEE A4.00 AND A8.00-8.01)	DOOR)		200						>	5.51	
EXISTING DOORS TO REMAIN		FF DOOR TO BE FACTORY FINISHED AS PART OF NEW STOREFRONT SYSTEM. SEE STOREFRONT TYPES ON A6.12.	NO.	CATION		DOOF	\			FRAME		HDW	KEr	1ARKS
H01 EXISTING TO REMAIN NEW COMMERCIAL DOORS	EXISTING HARDWARE SET TO REMAIN	PT AT EXTERIOR DOORS: SEE EXTERIOR PAINT SCHEDULE ON A8.00-A8.01. AT INTERIOR DOORS: SEE FINISH SCHEDULE ON A4.00.			Ŧ	토	l M	동	ᆛ	SZ	SH	ΥPE	ڻ ک	TES
	STORAGE LOCKSET • RATED HARDWARE WHERE REQUIRED	WL WOOD LOOK ST STAINED			WIDTH	HEIGHT	TYPE	FINISH	TYPE	TRANSM	FINISH	Σ	RATING	S S
H06 DOOR TO BASEMENT/MECHANICAL CLOSET	OUTSIDE KEY LOCK, INSIDE ALWAYS UNLOCKED ACCESSIBLE BY LANDLORD ONLY (3) HINGES	FRAME TYPES (ALSO SEE A6.11)	BASEMENT							•				
NEW COMMON RESIDENTIAL DOORS	• WALL/FLOOR STOP	FI HISTORIC FRAME/TRIM TO REMAIN - REPAIR/REPLICATE MISSING PIECES AS REQ F2 NEW METAL FRAME - SEE DTLS 1-5/A6.11 AND TYPICAL TRIM DTLS A6.11	001-1	STAIR	3'-0"	6'-8"	DMI	PT	F2		PT	H06	90 MIN	
	• FIX DOOR CLOSED	F3 NEW METAL FRAME - SEE DTLS 1-5/A6.11 - TRIM TO MATCH EXG ADJ. HISTORIC TRIM F4 NEW WOOD FRAME - SEE DTLS 7-8/A6.11 AND TYPICAL DOOR TRIM DTLS A6.11		AIR ENTRY	EXG	EXG	EXG	PT	FI	TR4	PT	HI0		IA, 7
H09 FIXED DOOR	BLANK ESCUTCHEON PLATE ON EXPOSED SIDE PROVIDE WEATHER STRIPPING WHERE DOOR IS EXPOSED TO THE EXTERIOR.	F5 NEW WOOD FRAME - SEE DTLS 7-8/A6.11 - TRIM TO MATCH EXG ADJ. HISTORIC TRIM SF PART OF STOREFRONT SYSTEM - SEE A6.12		ORRIDOR	EXG	EXG	EXG	PT	FI	TR4	PT	H09		IB, 2, 6
	EGRESS LOCKSET W/ ELECTRONIC ACCESS CONTROL	NOTE: FRAMES TO BE PAINTED, UNO. SEE FINISH SCHEDULE AND EXTERIOR PAINT SCHEDULE FOR MORE INFORMATION.	100 4 BA	CORRIDOR BASEMENT	EXG OPG.	EXG OPG.	EXG	PT PT	FI F4	TR4	PT PT	H09 H06		1B, 2, 6
	OUTSIDE ALWAYS LOCKED, INSIDE ALWAYS UNLOCKED LEVER HANDLES ELECTRONIC ACCESS CONTROL (INTERCOM OR KEY FOB)			STAIR NIT ENTRY	V.I.F EXG	V.I.F EXG	EXG	PT	FI	TR4	PT	HROIA		IA, 7
HI0 DOOR FROM STAIR/CORRIDOR TO EXTERIOR	ELECTRIC STRIKE I LOCKSET I I-I/2 PAIR HINGES	TRANSOM TYPES TRU NISYALI OLI OVALMETAL ERAMED TRANSOM		ATHROOM	EXG OPG -	EXG OPG -	DWI	PT	FI		PT	HR02		ID, IE, 5
	(I) CLOSER WALL/FLOOR STOP WEATHER SEALS	TRI NEW HOLLOW METAL FRAMED TRANSOM TR2 HISTORIC TRANSOM TRIM & GLAZING TO REMAIN. REPAIR/REPLICATE MISSING PIECES AS REQ		CLOSET	V.I.F. 2'-6"	V.I.F. 7'-6"	DWI	PT	F5		PT	HR04		4
	STORAGE LOCKSET • RATED HARDWARE	TR3 NEW WOOD TRANSOM TRIM TO MATCH EXG ADJACENT HISTORIC TRIM OF DOOR - WITH NEW TEMPERED GLAZING		AUNDRY	EXG	EXG	EXG	PT	FI	TR4	PT	HR04		IA, 4, 5
HI0AB DOOR FROM STAIR/CORRIDOR TO ATTIC	OUTSIDE KEY LOCK, INSIDE ALWAYS UNLOCKED (3) HINGES (1) CLOSER	TR4 HISTORIC TRANSOM TRIM TO REMAIN. REPAIR/REPLICATE MISSING PIECES AS REQ'D. INSTALL NEW CLEAR GLAZING.		CLOSET BEDROOM	EXG 2'-10"	EXG 7'-6"	EXG DW1	PT PT	FI F5	TR4	PT PT	H01 HR02		IA
	SMOKE SEAL WALL/FLOOR STOP	SF NEW TRANSOM TO BE PART OF STOREFRONT SYSTEM. SEE STOREFRONT TYPES. GA NEW TRANSOM TO BE PART OF METAL BREEZEWAY GATE. SEE A6.11	SECOND FLO		2-10	7-0		' '	13		''	11102		
NEW PRIVATE RESIDENTIAL DOORS	ENTRY LOCKSET		200-I CO	ORRIDOR	EXG	EXG	EXG	PT	FI	TR4	PT	H09		IB, 2, 6
	RATED HARDWARE I LOCKSET THUMB TURN DEADBOLT.		200-2 CO	ORRIDOR	EXG	EXG	EXG	PT	FI	TR4	PT	H09		IB, 2, 6
HR01 RESIDENTIAL UNIT ENTRY DOOR	• (3) HINGES • (1) SPRING CLOSER		200-3 CC	ORRIDOR	EXG	EXG	EXG	PT	F5		PT	H09		IB, IC, 6
	WIDE ANGLE VIEWER WALL/FLOOR STOP SMOKE SEAL	CCLIEDLILE NIOTEC	201-I UN	NIT ENTRY	EXG OPG - V.I.F.	EXG OPG -	DMI	PT	FI	TR4	PT	HR01	90 MIN	IE, 2
	DOOR SWEEP RUBBER THRESHOLD (LOW PROFILE)	SCHEDULE NOTES	201-2 MEG	:CHANICAL	3'-0"	7'-6"	DWI	PT	F5		PT	HR03		
	ENTRY LOCKSET • I LOCKSET	I. EXISTING HISTORIC OPENING:		CLOSET/	2'-10"	7'-6"	DWI	PT	F5		PT	HR02		
HROLA RESIDENTIAL UNIT ENTRY DOOR	THUMB TURN DEADBOLT. (3) HINGES (1) SPRING CLOSER	I.A. EXISTING HISTORIC DOOR (& TRANSOM, IF APPLICABLE) TO REMAIN IN SITU. REPAIR AS REQ. CONTRACTOR TO PROVIDE ALLOWANCE FOR DOOR REPAIR FOR ALL EXG.		AUNDRY	2'-6" EXG OPG -	7'-6" EXG OPG -	DWI	PT	F5		PT	HR04		4
(EXTERIOR)	WIDE ANGLE VIEWER WALL/FLOOR STOP WEATHER SEALS	DOORS TO REMAIN. I.B. EXISTING HISTORIC DOOR IS TO BE FIXED IN PLACE. SEE PLANS.		ATHROOM	V.I.F.	V.I.F.	DWI	PT	FI		PT	HR02		ID, IE, 5
	DOOR SWEEP RUBBER THRESHOLD (LOW PROFILE)	I.C. OPENING TO HAVE RELOCATED HISTORIC DOOR. SEE EXISTING PLANS FOR PREVIOUS LOCATION AND NEW WORK PLANS FOR NEW LOCATION.	300-1 CO	ORRIDOR	EXG	EXG	EXG	PT	FI	TR4	PT	H09		IB, 2, 6
	PRIVACY LOCKSET • (I) LOCKSET	I.D. OPENING TO HAVE RELOCATED HISTORIC FRAME/TRIM. SEE EXISTING PLANS FOR PREVIOUS LOCATION AND NEW WORK PLANS FOR NEW LOCATION.								184				
HR02 TYPICAL BEDROOM AND BATHROOM	(3) HINGES WALL/FLOOR STOP WOOD "T" THRESHOLD	I.E. NEW OPERABLE DOOR IN HISTORIC OPENING. I.F. HISTORIC POCKET DOORS TO BE RESTORED TO ORIGINAL FUNCTION AND OPERATION.	300-2 CO	ORRIDOR	EXG	EXG	EXG	PT	F5		PT	H09		IB, IC, 6
	STORAGE LOCKSET • OUTSIDE KEY LOCK, INSIDE ALWAYS UNLOCKED	2. EXISTING TRANSOM TO BE INFILLED BEHIND WITH GYP. BD. TO MAINTAIN FIRE RATING. SEE DETAILS ON A6.02.		NIT ENTRY	EXG OPG - V.I.F.	V.I.F.	DMI	PT	FI	TR4	PT	HR01	90 MIN	IE, 2
HR03 DOOR TO MECHANICAL CLOSET	ACCESSIBLE BY LANDLORD ONLY (3) HINGES WALL/FLOOR STOP	3. PROVIDE HOLD OPEN FOR THIS DOOR - SEE HARDWARE SCHEDULE.		ECHANICAL BEDROOM	3'-0" EXG	7'-6" EXG	DWI	PT PT	F5 FI		PT PT	HR03 HR02		IA, 5
SINGLE DOOR TO	WOOD "T" THRESHOLD PASSAGE LOCKSET	4. PROVIDE HINGES THAT ALLOW FOR EASY DOOR REMOVAL DURING LAUNDRY UNIT INSTALLATION & MAINTENANCE.	301-4	CLOSET	2'-6"	7'-6"	DWI	PT	F5		PT	HR04		
HR04 CLOSET/STORAGE/LAUNDRY/ BEDROOM EGRESS	(3) HINGES WALL/FLOOR STOP	5. DOOR TO BE UNDERCUT. SEE MECHANICAL DRAWINGS.6. DOOR(S) TO BE FIXED IN PLACE AND INOPERABLE.	301-5 L/	AUNDRY	EXG OPG -	EXG OPG -	DWI	PT	FI	TR4	PT	HR04		IE, 4, 5
HR04A DOUBLE <u>SWINGING</u> DOOR TO CLOSET/STORAGE	• DUMMY LEVER HANDLES • BALL CATCHES	7. PROVIDE VIEW HOLE AT 48" A.F.F., CENTERED IN DOOR. 8. TIME DELAY FOR ELECTRIC STRIKE TRIGGERED BY INTERCOM OR KEY FOB AT EXTERIOR	301-6 BA	ATHROOM	EXG OPG -		DWI	PT	FI		PT	HR02		ID, IE, 5
	• 3 PAIR HINGES	ENTRY.	FOURTH FLO	OOR	V.1.1 .	¥ .1.1 .								
GENERAL HARDWARE NOTES: I. ALL HARDWARE TO BE OPERABLE IN THE DIRECTIO	ON OF EGRESS ALWAYS WITHOUT KNOWLEDGE, KEY OR TIGHT	9. GATE TO BE PART OF SPECIFIED FENCE SYSTEM. SEE PLANS FOR KEYNOTE WITH B.O.D.	400-I CO	ORRIDOR	EXG	EXG	EXG	PT	FI	TR4	PT	H09		IB, 2, 6
	STEEL AND POWDER COAT TO MATCH. EXIT DEVICES,		400-2 CC	ORRIDOR	EXG	EXG	EXG	PT	F5		PT	H09		IB, IC, 6
EXTERIOR HINGES, KICK PLATES TO BE US32D, INTE TO BE POWDER COAT TO MATCH. 3. ALL HARDWARE TO BE AS SPECIFIED OR APPROVED	RIOR HINGES, LOCKSETS, WALL STOPS US26D, DOOR CLOSERS			NIT ENTRY	EXG OPG - V.I.F.	EXG OPG - V.I.F.	DMI	PT	FI	TR4	PT	HR01	90 MIN	1E, 2
A. LOCKSETS ARE BASED ON BEST CYLINDRICAL GR COORDINATE KEYING REQUIREMENTS WITH OW	NADE I (MORTISE LOCK FOR TOILETS WITH INDICATOR). VNER. APPROVED MANUFACTURERS: BEST (9K3 SERIES), SCHLAGE		-	ECHANICAL BEDROOM	3'-0" 2'-10"	7'-6" 7'-6"	DWI	PT PT	F5 F5		PT PT	HR03 HR02		 5
FORMAT KÉY SYSTEM), 5 MASTÉR KEYS, 3 CHANGI	OVIDE MASTER SYSTEM (KEY INTO OWNER'S EXISTING SMALL E KEYS PER CYLINDER. RIES GRADE I. APPROVED MANUFACTURERS: PRECISION (2100	GENERAL NOTES	401.4	CLOSET/ AUNDRY	2'-6"	7'-6"	DWI	PT	F5		PT	HR04		
SERIES), VON DUPRIN (98 SERIES) C. DOOR CLOSERS ARE BASED ON DORMA 8900 SER MANUFACTURERS: DORMA (8900 SERIES), LCN (40	RIES GRADE I. PROVIDE WITH FULL COVER. APPROVED			ATHROOM	EXG OPG -	EXG OPG -	DWI	PT	FI		PT	HR02		ID, IE, 5
4. HINGES:	4-1/2", DOORS WIDER THAN 3 FEET TO BE 5" X 4-1/2".	THIS IS A HISTORIC TAX CREDIT PROJECT WITH SENSITIVE HISTORIC MATERIALS, INCLUDING DOORS & TRIM. DO NOT REMOVE ANY HISTORIC DOORS OR TRIM UNLESS INDICATED IN THESE DRAWINGS & IN THE SHPO NARRATIVE.	FIFTH FLOOR	R	¥ .1.1 .	¥ .IГ.								
B. HINGE QUANTITY - 3 HINGES PER DOOR LEAF FO THAN 7'6".	OR DOORS UP TO 7'6". PROVIDE 4 HINGES FOR DOORS TALLER	DOOR FRAMES	501-1 UN	NIT ENTRY	EXG OPG - V.I.F.	EXG OPG - V.I.F.	DMI	PT	FI		PT	HR01	90 MIN	IE
5. COORDINATE KEYING REQUIREMENTS WITH OWN 6. COORDINATE ELECTRONIC ACCESS CONTROL REC		A. FURNISH AND INSTALL ALL DOOR FRAMES AS SHOWN ON THE DRAWINGS AND IN ACCORDANCE WITH FINAL SHOP DRAWINGS AND MANUFACTURER'S DATA AND		CLOSET	5'-0" 2'-10"	7'-6" 7'-6"	DWI	PT PT	F5 F5		PT PT	HR04A HR02		 r
7. PROVIDE INTERCHANGEABLE CORES		INSTRUCTIONS. B. SUBMIT SHOP DRAWINGS FOR FABRICATION AND INSTALLATION OF FRAMES. INCLUDE	FOL 4	CLOSET/	2'-6"	7'-6"	DWI	PT	F5		PT	HR04		
		DETAILS OF EACH FRAME TYPE, CONDITIONS AT OPENINGS, DETAILS OF CONSTRUCTION, LOCATION, AND INSTALLATION REQUIREMENTS OF FINISH HARDWARE AND		AUNDRY ATHROOM		EXG OPG -	DWI	PT	FI		PT	HR02		ID, IE, 5
		REINFORCEMENTS, AND DETAILS OF JOINTS AND CONNECTIONS. SHOW ANCHORAGE AND ACCESSORY ITEMS. PROVIDE SCHEDULE OF FRAMES USING SAME REFERENCE FOR	3013 270		V.I.F.	V.I.F.		''						, , .
		DETAILS AND OPENINGS AS THOSE ON CONTRACT DRAWINGS. C. NEW FRAMES SHALL HAVE UL LABELS TO MATCH RATING NOTED IN DOOR SCHEDULE.												
		D. SET AND BRACE ALL DOOR FRAMES. FRAMES SHALL BE PREPARED FOR HARDWARE PER TEMPLATES FURNISHED BY HARDWARE SUPPLIER.												
		E. COORDINATE LOCATIONS FOR OTHER TRADES TO BUILD IN THEIR WORK AS REQUIRED.												
		<u>DOORS</u> F. FURNISH AND INSTALL ALL DOORS AS SHOWN ON THE DRAWINGS AND IN ACCORDANCE												
		WITH FINAL SHOP DRAWINGS AND MANUFACTURER'S DATA AND INSTRUCTIONS. G. SUBMIT DOOR MANUFACTURER'S PRODUCT DATA SPECIFICATIONS AND INSTALLATION												
		INSTRUCTIONS FOR EACH TYPE OF DOOR. PROVIDE SCHEDULE OF DOORS USING SAME REFERENCE FOR DETAILS AND OPENINGS AS THOSE ON CONTRACT DRAWINGS.												
		H. EXTERIOR DOORS TO BE INSULATED, WITH WEATHERSTRIPPING, AND PROVIDED WITH ACCESSIBLE THRESHOLD. ALL EXTERIOR STOREFRONT DOORS TO BE INSULATED,												
		THERMALLY BROKEN AND WITH WEATHER STRIPPING AND PROVIDED WITH ACCESSIBLE THRESHOLD.												
		I. GLAZING IN DOOR LITES AND SIDE LITES SHALL BE CLEAR TEMPERED GLASS, 1/4" THICKNESS, UNLESS OTHERWISE NOTED. WIRED GLASS, IS NOT ALLOWED. GLASS FRAMES IN DOORS												
		SHALL HAVE FLUSH STOPS. J. SEE DOOR SCHEDULE FOR REQUIRED FIRE RATINGS.												
		K. FIT DOORS TO FRAMES WITH MINIMUM UNIFORM CLEARANCES AND BEVELS. DOORS SHALL BE PREPARED FOR HARDWARE AS REQUIRED BY HARDWARE SCHEDULE. SEAL DOOR EDGE												
		SURFACES AFFECTED BY FITTING AND MACHINING. PROVIDE DOOR CLEARANCES SO THAT												

L. VERIFY SIZE OF ALL EXISTING DOORS AND DOOR OPENINGS IN FIELD. WHERE HISTORIC DOORS ARE BEING RELOCATED, VERIFY DOOR FITS IN NEW LOCATION. IF DOOR DOES NOT FIT, CONTACT ARCHITECT.

M. ALL MECHANICAL CLOSETS ARE TO BE LOCKED AT ALL TIMES WITH MECHANICAL ACCESS BY LANDLORD ONLY. CLOSET SHALL BE USED FOR MECHANICAL/WATER HEATING

EQUIPMENT ONLY. NO STORAGE OF ANY KIND IS TO BE PERMITTED WITHIN.

DOOR MAY FREELY MOVE ABOVE FINISH FLOOR MATERIAL.

architecture + design

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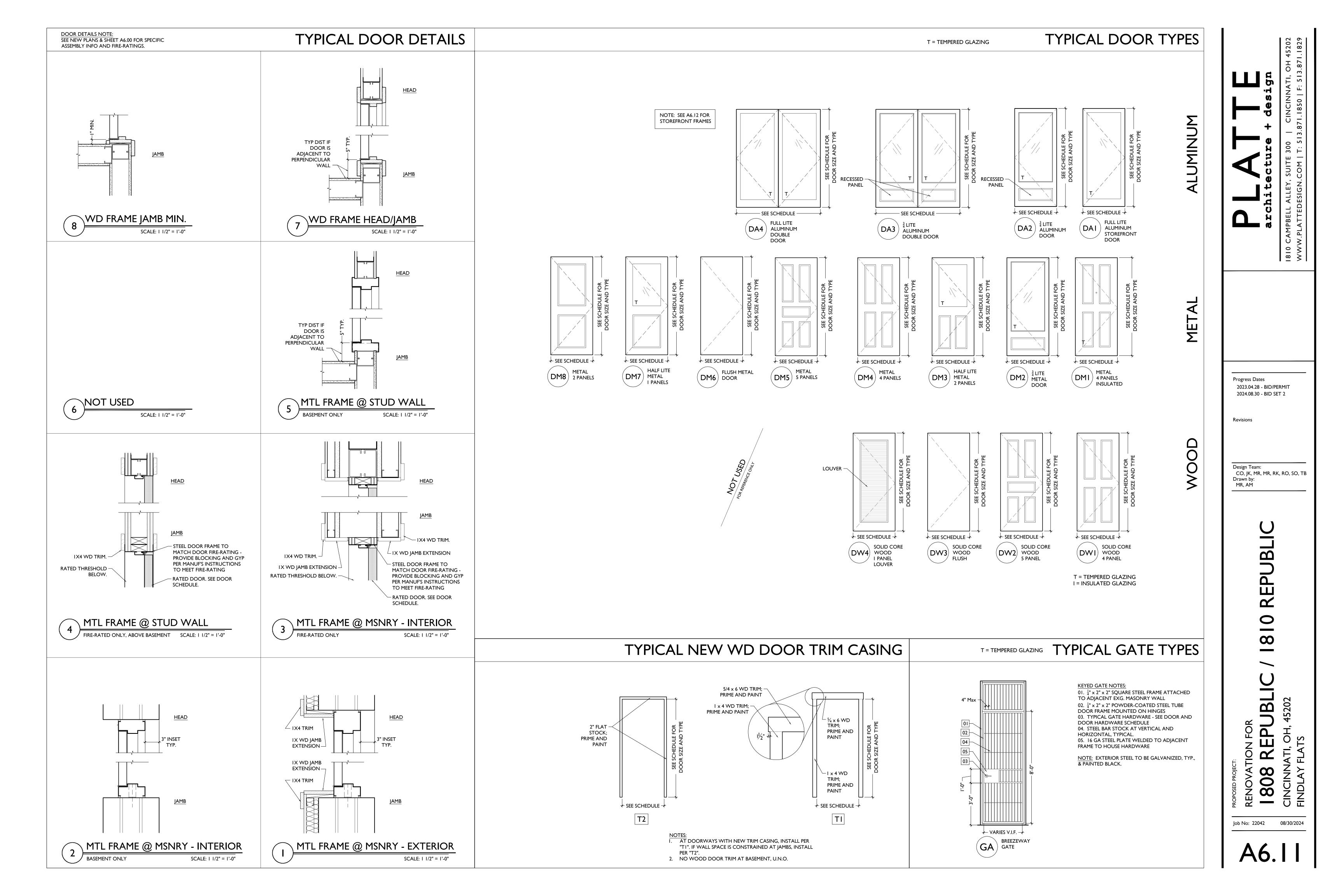
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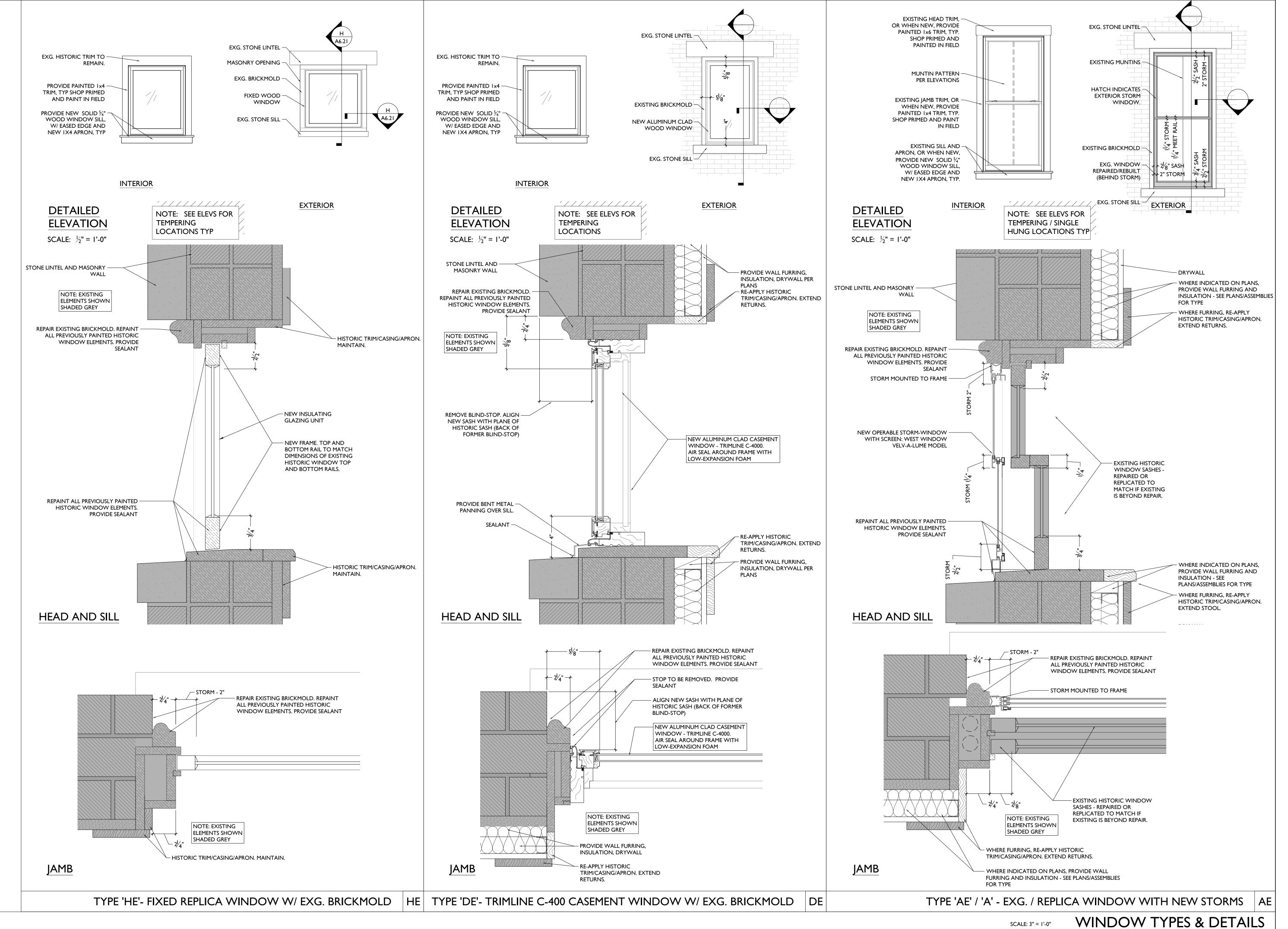
Design Team:
CO, JK, MR, MR, RK, RO, SO, TB
Drawn by:
MR, AM

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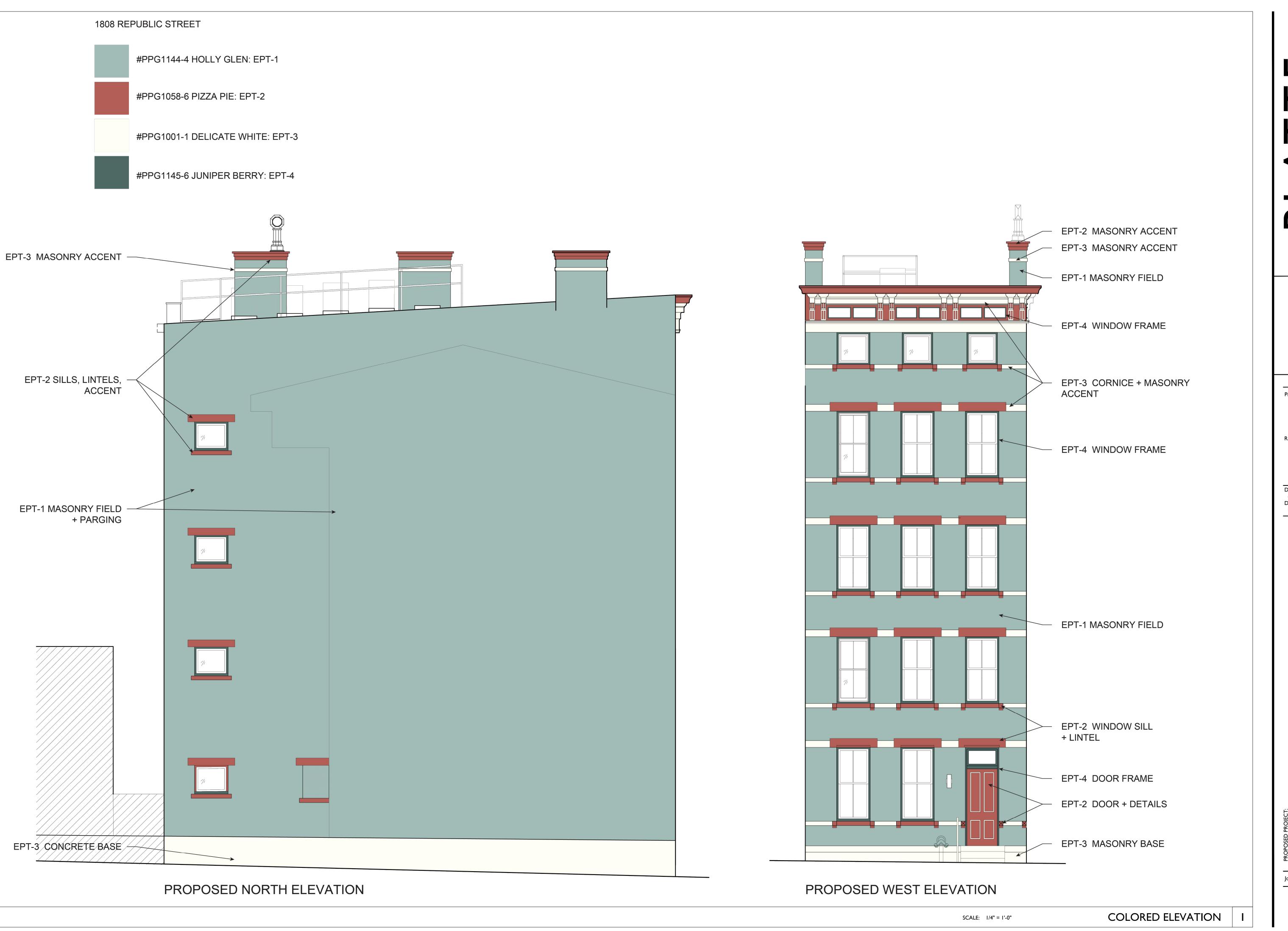
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CO, JK, MR, MR, RK, RO, SO, TB Drawn by: REPUBL 0 ∞ **REPUBLI** 808

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RENOVATION I Job No: 22042 08/30/2024



2023.04.28 - BID/PERMIT 2024.08.30 - BID SET 2

Design Team:
CO, JK, MR, MR, RK, RO, SO, TB
Drawn by:
MR, AM

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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 CLASSIFICATION OF THE BUILDING STRUCTURE:

RISK CATEGORY II, TABLE 1604.5

<u>DESIGN LOADS</u>

ROOF LOAD:

A. MINIMUM LIVE LOAD OR SNOW LOAD: 20 PSF* B. DEAD LOAD = 20 PSF IN ADDITION TO STRUCTURE SELF WEIGHT

*MINIMUM LIVE / SNOW LOAD GOVERNED BY MINIMUM SNOW LOAD, $P_m = I_s * P_g$

2. SNOW LOAD:

- A. GROUND SNOW LOAD, $P_g = 20 \text{ PSF}$.
- B. FLAT ROOF SNOW LOAD, Pf = 14 PSF MODIFIED BY APPLICABLE BUILDING COEFFICIENTS.
- C. MINIMUM ROOF SNOW LOAD, $P_m = 20 \text{ PSF}$.
- D. SNOW LOAD IMPORTANCE FACTOR, $I_s = 1.0$ E. SNOW EXPOSURE FACTOR, C_e = 1.0
- 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.

FLOOR LOAD:

- A. LIVE LOAD: 100 PSF
- B. LIVE LOAD = 40 PSF AT RESIDENTIAL
- C. DEAD LOAD ALLOWANCE: 20 PSF IN ADDITION TO STRUCTURE SELF

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= 19.21 PSF (LRFD), 11.526 PSF
- D. INTERNAL GUST PRESSURE COEFFICIENT, GCp = 0.18 (ENCLOSED BUILDING).

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.

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.

MATERIALS UTILIZED BUT NOT LISTED IN THE STATEMENT OF SPECIAL INSPECTOR ARE EITHER CONSIDERED WORK OF MINOR NATURE OR ITEMS THAT ARE ASSUMED WILL BE INSPECTED BY THE BUILDING INSPECTOR. SPECIAL INSPECTIONS CAN BE ADDED TO THIS PROJECT AT THE REQUEST OF THE BUILDING DEPARTMENT. BUILDING DEPARTMENT, PLEASE IDENTIFY SPECIFIC MATERIALS THAT WILL REQUIRE SPECIAL INSPECTIONS.

SUBSTITUTIONS, SUBMITTALS, AND RFI'S

PRODUCT OR SYSTEM.

- 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.
- . COST SAVINGS AND/OR IMPACT ON THE SCHEDULE IMPACT ON ANY GUARANTEES OR WARRANTIES ASSOCIATED WITH THE
- F. COORDINATION REQUIRED WITH OTHER TRADES OR ADJACENT
- MATERIALS. G. ANY AND ALL DEVIATIONS FROM THE SPECIFIED REQUIREMENTS.
- 2. SHOP DRAWING SUBMITTALS SHALL BE SUBMITTED BY THE GENERAL CONTRACTOR IN A TIMELY MANNER TO PROVIDE AN ADEQUATE AMOUNT OF TIME FOR REVIEW.
- A. ALL SUBMITTALS MUST BE REVIEWED BY THE GENERAL CONTRACTOR PRIOR TO SUBMITTING FOR REVIEW. ANY SHOP DRAWINGS RECEIVED DO NOT BEAR THE STAMP OF THE GENERAL CONTRACTOR AS WELL AS CLEAR EVIDENCE THAT THE SUBMITTAL HAS BEEN REVIEWED WILL BE REJECTED WITHOUT REVIEW.
- REVIEW BY STRUCTURAL ENGINEER OF RECORD WILL BE FOR GENERAL COMPLIANCE WITH THE CONTRACT DOCUMENTS AND CONFORMANCE WITH THE DESIGN CONCEPT. THIS REVIEW DOES NOT IN ANYWAY RELIEVE THE CONTRACTOR AND/OR THE CONTRACTOR'S SUBCONTRACTORS FROM RESPONSIBILITY FOR ERRORS OR DEVIATIONS FROM THE CONTRACT REQUIREMENTS. THE CONTRACTOR IS RESPONSIBLE FOR ALL DIMENSIONS, PROPER FIT, QUALITIES OF THE MATERIALS, AND COORDINATION WITH OTHER TRADES AND SUPPLIERS.
- C. IF CHANGES ARE MADE TO A PREVIOUSLY REVIEWED SUBMITTAL, DENOTE ALL REVISED AREAS WITH REVISION CLOUD AND TAGS.

D. STRUCTURAL SUBMITTAL REQUIREMENTS:

Submittal/Shop Drawing	Submittal	Calculations	PE/SE Seal & Signature		
Concrete Mix – Conforming to ACI 318	For Review	N/a	N/a		
Structural Steel	For Review	N/a	N/a		
Miscellaneous Steel	For Record	Required	Required		
- For Review denotes the contractor must submit to the design team for review. The					

- For Review denotes the contractor must submit to the design team for review. The contractor shall not fabricate or install until all design team comments have been resolved in writing.

For Record denotes the contractor must submit to the design team for record. The contractor's engineer is responsible for all loading and coordination of loads to be esisted by the building's structural elements. Any load resisted by the building's structural elements must be approved by the EOR. N/a denotes not applicable.

- 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 CONTRACTOR SHALL BRACE ENTIRE STRUCTURE AS REQUIRED TO MAINTAIN STABILITY UNTIL COMPLETE AND FUNCTIONING AS THE DESIGNED UNIT.
- 2. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE MEANS, METHODS. TECHNIQUES, SEQUENCES OR PROCEDURES OF CONSTRUCTION SELECTED BY THE CONTRACTOR.
- 3. 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.
- 4. 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.
- 5. 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.
- 6. 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.
- 7. THE CONTRACTOR SHALL VERIFY ALL INFORMATION IN THESE DRAWINGS AND SHALL REPORT ANY ERRORS, OMISSIONS, OR DISCREPANCIES TO THE OWNER AND ENGINEER BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DEPARTURES FROM THESE PLANS NOT APPROVED IN WRITING BY THE OWNER AND ENGINEER.
- 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.
- 9. 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.

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
- 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
- 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. 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 AND 1500 PSF BELOW ISOLATED COLUMN FOOTINGS.
- 4. CONTRACTOR SHALL CONTACT UTILITY COMPANIES FOR LOCATING UNDERGROUND SERVICES AND IS RESPONSIBLE FOR THEIR PROTECTION AND SUPPORT.

5. COMPACTION:

- A. ALL FILL MATERIALS SHALL BE APPROVED BY A GEOTECHNICAL
- B. ENGINEERED FILL BENEATH FOOTINGS: MINIMUM COMPACTION 98% STANDARD PROCTOR DENSITY AT THE OPTIMUM MOISTURE CONTENT.
- 6. FINISHED GRADE SHALL SLOPE AWAY FROM THE PERIMETER FOUNDATION.

<u>CONCRETE</u>

- 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
- 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
- 5. SUBMIT SHOP DRAWINGS OF REINFORCING STEEL
- 6. 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.

7. 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	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

- 8. SLUMP SHALL BE MEASURED PRIOR TO THE ADDITION OF HRWR
- 9. LAP SPLICE REINFORCING BARS 48 BAR DIAMETERS UNLESS NOTED
- 10. BAR CLEARANCES BETWEEN ADJACENT BARS AND FORMWORK SHALL BE AS NOTED ON THE DRAWINGS OR A MINIMUM AS PER ACI REQUIREMENTS.

EXPANSION AND EPOXY ADHESIVE ANCHORS

- EXPANSION ANCHORS:
- A. EXPANSION ANCHORS SHALL BE MANUFACTURED BY THE HILTI COMPANY AND SHALL BE THE TYPE, SIZE, AND EMBEDMENT INDICATED ON THE DRAWINGS. INSTALL PER MANUFACTURER'S RECOMMENDATIONS. SUBSTITUTES MAY BE CONSIDERED; SUBMIT MANUFACTURER'S DATA PRIOR TO INSTALLATION.
- 2. EPOXY ADHESIVE ANCHORS:
- B. EPOXY ADHESIVE SHALL BE MANUFACTURED BY THE HILTI COMPANY AND SHALL BE THE TYPE, SIZE, AND EMBEDMENT INDICATED ON THE DRAWINGS. INSTALL PER MANUFACTURER'S RECOMMENDATIONS. SUBSTITUTES MAY BE CONSIDERED; SUBMIT MANUFACTURER'S DATA PRIOR TO INSTALLATION.
- A. THREADED RODS SHALL BE ASTM A36. SIZES AND EMBEDMENT AS INDICATED ON THE DRAWINGS. B. 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 WALL REPAIR

- 1. EXTERIOR MASONRY AND STONE IS TO BE REPAIRED, REPLACED, AND CLEANED AS NEEDED. CONTRACTOR SHALL PERFORM AN OBSERVATION OF ALL WALLS AND EXISTING LINTELS TO DETERMINE DAMAGED AREAS THAT
- 2. REPAIR DAMAGED JOINTS IN MASONRY WHERE MORTAR IS SOFT, 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.
- 3. 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.
- 4. 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.

- 5. NEW MASONRY CONSTRUCTION FOR WALLS NEEDING TO BE ENTIRELY REBUILT SHALL BE CONSISTED OF AN EXTERIOR WYTHE OF SIMILAR BRICK MATERIAL OF THE ERA. COMPOSITE CONSTRUCTION WITH AN INNER 4" WYTHE OR 8" WYTHE OF CONCRETE MASONRY, TO MATCH EXISTING WALL WIDTH. INTER-CONNECT W/ 9 GAUGE LADDER TYPE JOINT REINFORCING (GALVANIZED) @ 8" O.C. GROUT ALL COLLAR JOINTS SOLID WITH NO VOIDS.
- 6. SPIRA-LOK TIES ARE MANUFACTURED BY HOHMANN & BARNARD SHALL BE 8MM, 304 STAINLESS STEEL. INSTALL IN MORTAR JOINTS, LENGTH AS NEEDED SO END OF TIE WITH WITHIN 1" OF EXTERIOR AND INTERIOR FACE OF MASONRY. WHERE TIE IS INSTALLED INTO INTERIOR WOOD FRAMING, PENETRATE WOOD A MINIMUM OF 3". ALTERNATES WILL BE CONSIDERED UPON SUBMITTING MANUFACTURER INFORMATION.

1. MATERIALS:

A. FRAMING LUMBER:

- a. 2x8 AND LARGER: NO.1 GRADE OR BETTER SOUTHERN PINE KILN
- 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.
- 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 21/2" 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. WHEN FASTENING TO A SINGLE PLY 11/2" OR 13/4" MEMBER, 11/2" 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. 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.
- 7. ALL PLYWOOD SUBFLOORING SHALL BE GLUED AND NAILED.
- 8. 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



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KYLE C. **JENKINS**

Design Team: KCJ / SJ

Date: 04/28/2023

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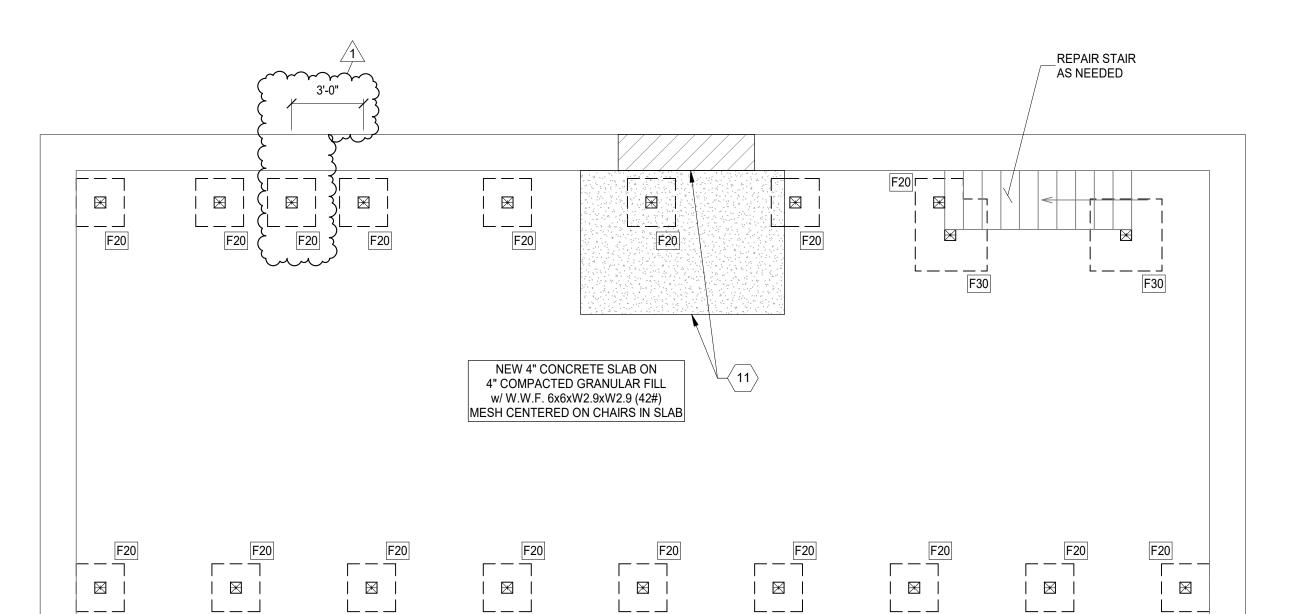
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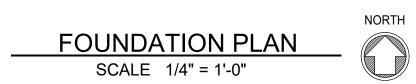
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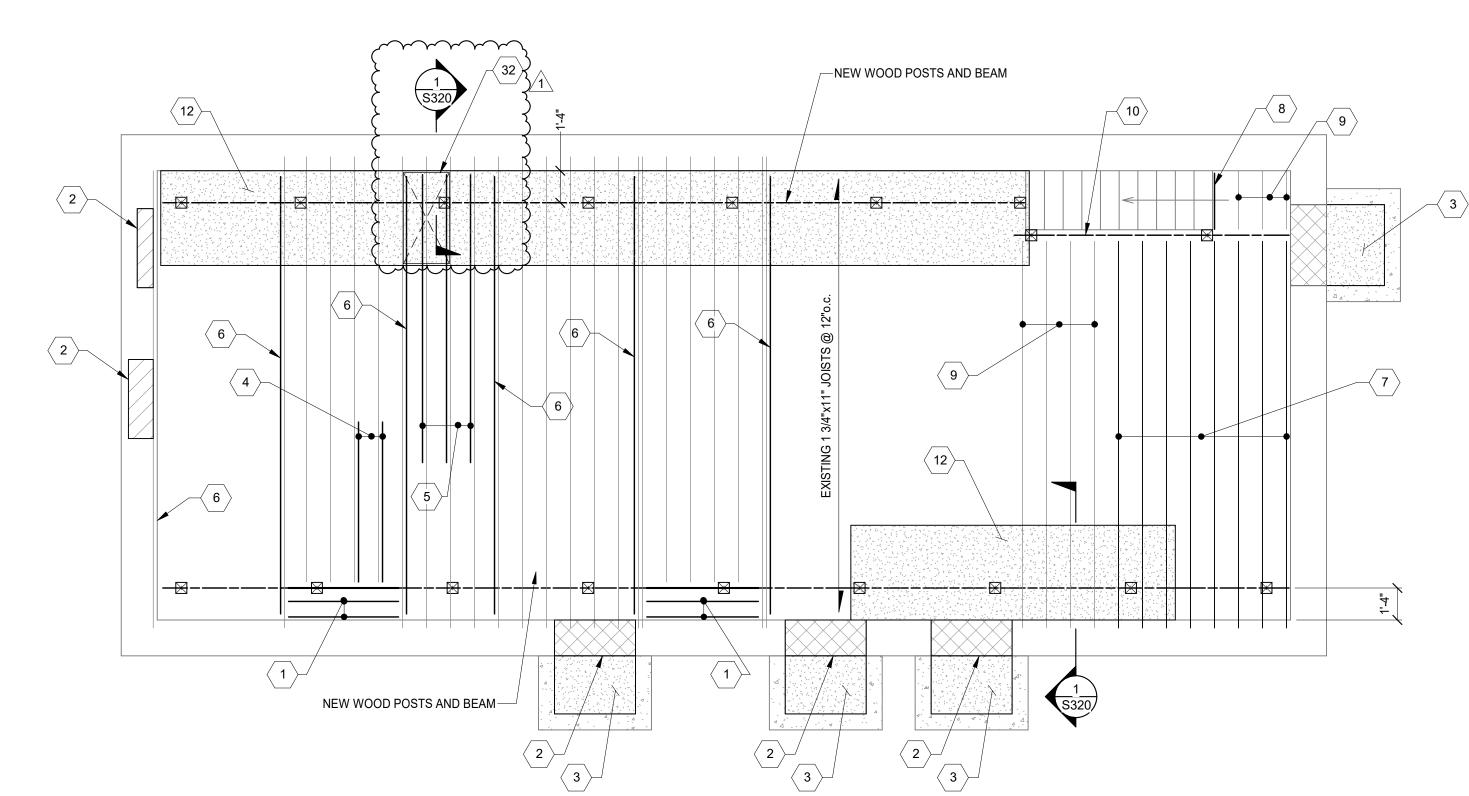
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STRUCTURAL INFORMATION NOTED IS BASED ON ASSUMPTIONS OF CONDITION OF EXISTING FRAMING & FRAMING HIDDEN FROM VISUAL OBSERVATION. DETAILS OF PROPOSED FRAMING MODIFICATION/REPAIRS ARE SUBJECT TO CHANGE ONCE DEMOLITION IS UNDERWAY







PROJECT KEYNOTES:

- REMOVE EXISTING MASONRY HEARTH, REPLACE w/ NEW 2x JOISTS AT 16" o.c. MAX, DEPTH TO MATCH EXISTING. CONNECT TO EX BEAMS EACH END w/ SIMPSON L70 ANGLES OR LUS26 HANGERS.
- INFILL EX OPENING WITH SOLID CMU OR HOLLOW CMU, GROUTED SOLID, TO MATCH WALL THICKNESS ABOVE. GROUT/MORTAR TIGHT TO EX STONE FOUNDATION WALLS AND MASONRY ABOVE. REMOVE EX WOOD LINTLS, CUT EX JOISTS BACK, AND BEAR JOISTS ON NEW BEAM.
- REMOVE DEBRIS FROM EXTERIOR WINDOW WELL OR STAIR. FILL WITH 250 PSI CONTROLLED DENSITY FILL (CDF). TOP WITH 4" CONCRETE SIDEWALK SLAB.
- 4 2x12x6' LONG END SISTERS. HANG TO HEADER w/ HUS48 HANGER.
- \langle 5 \rangle 2x12x12' SISTERS BEARING ON NEW BEAM, END 2" FROM NORTH WALL
- \langle 6 angle 2x12 SISTER, FULL LENGTH.
- REMOVE EXISTING FRAMING AND SHEATHING. NEW 2x12 JOISTS AT 12" o.c. HANG TO NEW BEAM w/ SIMPSON LUS210
- REMOVE EXISTING BEAM AND PROVIDE NEW (3) 2x12 BEAM, HANG TO BEAM w/ HU212-3 MAX, POCKET INTO EXISITING (8) MASONRY WALL. NEW BEAM SHALL SUPPORT EXISTING STAIR STRINGERS. JACK UP EXISTING STAIR STRINGERS TO RE-LEVEL STAIR, AS FEASIBLE.
- \langle 9 \rangle HANG EXISTING JOISTS TO NEW HEADER w/ LUS210R-18 HANGERS.
- NEW (2) 1-3/4"x11-7/8" LVL BEAM, CANTILEVER AT 6x6 POST AND CONTINUE TO EAST MASONRY WALL. CONNECT TO POSTS w/ LPC6Z POST CAPS, EACH SIDE OF BEAM.
- EXISTING FLOOR IS SUNKEN AND THERE IS AN EXISTING STONE ARCH NEAR THE BOTTOM OF THE EXISTING FOUNDATION 4 11 WALL. REMOVE EXISTING DEBRIS AND SOIL AT THE FLOOR AND INVESTIGATE THE CAUSE OF THE COLLAPSE OF THE FLOOR. USE CAUTION AS THIS MAY BE AN EXISTING CISTERN WITH A COLLAPSED CAP.
- \langle 12 \rangle REMOVE EXISTING FLOORING AND REPLACE WITH NEW APA RATED SHEATHING IN HATCHED AREA.
- (13) REBUILD MASONRY WALL w/ NEW 12" SOLID CMU AND 4" BRICK, PER GENERAL NOTES.
- (2) 1-3/4"x11-7/8" LVL SISTER, ENDS WITHIN 2" OF WALL EACH END, w/ (4) 1/4"x6" SWS. FASTEN TO EX DOUBLE w/ (2) 1/4"x6" SWS @ 24" o.c., WITH AN ADDITIONAL (4) 1/4"X6" SWS EACH SIDE OF EXISTING NOTCH.
- INFILL EXISTING OPENING w/ 12" SOLID CMU OR (2) 6" SOLID CMU AND NEW BRICK OUTSIDE WYTHE. PROVIDE 16" WIDE (15) LADDER HORIZONTAL REINFORCING AT 8" o.c. REMOVE EXISTING WOOD LINTELS, MORTAR NEW MASONRY TIGHT ALL
- REPAIR EXISITING INTERIOR WYTHE/WYTHES. REMOVE ANY SOFT BRICK AND/MORTAR. PROVIDE NEW BRICK MASONRY AS NEEDED, MORTAR TO EXISTING HEADER COURSE. WHERE EXISTING HEADER COURSE IS DETERIORATED, PROVIDE SPIRLOK TIES AT 8" o.c. HORIZONTAL SPACING, ABOVE AND BELOW HEADER COURSE. REMOVE EXISTING PLASTER FOR FURTHER OBSERVATIONS.
- NEW WALL TIE. SEE TYPICAL DETAILS.
- CONNECT EXISTING EDGE JOIST TO WALL w/ ½" SLEEVE ANCHORS @ 48" o.c., STAGGERED, 2-1/2" MIN EMBED.
- ADDITIONALLY LOCATE ANCHOR WITHIN 12" OF EXISTING NOTCHS, EACH SIDE OF NOTCH. 2x12x12' LONG SISTER, BEARING ON NORTH MASONRY WALL. PROVIDE (2) 1/4"x3" SWS @ 24" o.c, ADDITIONALLY (4) SWS 5' FROM WALL AND AT SOUTH END OF SISTER.
- REMOVE EXISTING INTERIOR WYTHE, REPLACE WITH NEW BRICK MASONRY. KEEP HEADER COURSES IF NOT
- DETERIORATED. PROVIDE SPIRLOK TIES AT 16" o.c. EACH WAY.
- \langle 21 \rangle NEW 2x12 SISTER, END SHALL BE WITHIN 4" OF WALL EACH END.
- EXISTING FIRE ESCAPE EVALUATION NOT IN SCOPE. EXISTING BRACKET THRU WALL TIES ARE CORRODED AND SHALL BE \langle 22 \rangle REPAIRED PRIOR INTERIOR FINISHES. HAVE FIRE ESCAPE EVALUATED AND REPAIRED PER CITY OF CINCINNATI FIRE ESCAPE INSPECTION REPORT REQUIREMENTS.
- \langle 23 \rangle REMOVE AND REPLACE EXISTING INTERIR WOOD LINTELS, SEE TYPICAL INTERIOR LINTEL REPLACEMENT DETAIL.
- 2x12 SISTER, BEARING ON NORTH MASONRY WALL, SOUTH END SHALL BE WITHIN 4" OF WALL. PROVIDE (2) 1/4"x3" SWS @ 24" o.c, ADDITIONALLY (4) SWS 6" FROM NORTH WALL AND AT SOUTH END OF SISTER.
- REMOVE EXISTING HEADER AND PROVIDE NEW (2)2x12 HEADER w/ LS90 ANGLE EACH END. ANCHOR TO BRICK w/ ½"
- SLEEVE ANCHOR AT 12" o.c., 2" MINIMUM EMBEDMENT. HANG EX JOISTS TO HEADER w/ LUS210R-18 HANGERS. REMOVE EXISTING EXTERIOR WYTHE STONE LINTEL AND REPLACE WITH NEW PRECAST STONE LINTEL WITH #4 TOP AND
- \langle 27 \rangle CONNECT JOIST TO MASONRY WITH 1/2"Ø SLEEVE ANCHORS @ 48"o.c. 2" MINIMUM EMBEDMENT.
- \langle 28 \rangle PROVIDE 2x12x8'-0" SISTERS AND HANG WITH SIMPSON HU48.
- 〈 29 〉 NEW (2) 1 3/4"x9 1/4" LVL.
- \langle 30 \rangle NEW (2) 2x10 HEADER WITH LUS210-2 HANGER EACH END. CUT AND HANG EXISTING JOISTS WITH LUS28R-18 HANGERS.
- NEW 2x10 SISTERS IN AREA OF NEW CONDENSERS. END OF SISTER SHALL BE WITHIN 2" OF WALL EACH END WITH
- (31) (2) 1/4"x3 1/2" SWS G.C. TO FIELD LOCATE NEW OPENING AND NOTIFY ADVANTAGE. ADVANTAGE TO FURTHER REVIEW WITH RESPECT TO EX CONDITIONS AND DETERMINE NEW FRAMING REQUIRED.

PLAN NOTES:

- 1. COORDINATE ALL DIMENSIONS, DOOR AND WINDOW LOCATIONS WITH ARCHITECTURAL DRAWINGS.
- 2. REMOVE DAMAGED OR SATURATED SHEATHING AND REPLACE WITH NEW APA RATED SHEATHING. REPLACE DAMAGED, SATURATED OR DETERIORATED JOISTS WITH NEW JOISTS OF THE SAME SIZE.
- 3. LUMBER AT 1ST FLOOR AND BASEMENT SHALL BE PRESSURE TREATED.
- 4. WOOD LINTELS AT OPENINGS IN MASONRY WALLS WHERE ROTTED SHALL BE REPLACED WITH A STEEL HSS4x4x3/8 (GALVANIZED) LINTEL AT EACH 4" WYTHE. ALTERNATIVELY USE A 4"x8" PRECAST CONCRETE LINTEL WITH #5 TOP AND BOTTOM EACH 4" WYTHE, OR AN L4x3-1/2x5/16" LINTEL LLV, EACH WYTHE.
- 5. SEE STRUCTURAL ELEVATION DRAWINGS FOR EXTERIOR BRICK REPAIR AND TUCKPOINTING.
- 6. REPAIR AND TUCKPOINT INTERIOR MASONRY PER THE GENERAL NOTES.
- 7. FIELD VERIFY ALL EXISTING CONDITIONS, NOTIFY ADVANTAGE GROUP ENGINEERS OF ANY DESCREPANCIES.
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- 9. FASTEN SISTERS WITH 1/4"x3" SWS @ 24"o.c. STAGGERED UNLESS NOTED OTHERWISE.

Drawing No.

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Design Team: KCJ / SJ

Date: 04/28/2023

KYLE C.



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_EX HEADER

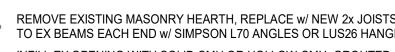
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- GROUT/MORTAR TIGHT TO EX STONE FOUNDATION WALLS AND MASONRY ABOVE. REMOVE EX WOOD LINTLS, CUT EX
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- NEW WALL TIE. SEE TYPICAL DETAILS.
- CONNECT EXISTING EDGE JOIST TO WALL w/ ½" SLEEVE ANCHORS @ 48" o.c., STAGGERED, 2-1/2" MIN EMBED.
- 2x12x12' LONG SISTER, BEARING ON NORTH MASONRY WALL. PROVIDE (2) 1/4"x3" SWS @ 24" o.c, ADDITIONALLY (4) SWS 5' FROM WALL AND AT SOUTH END OF SISTER.
- REMOVE EXISTING INTERIOR WYTHE, REPLACE WITH NEW BRICK MASONRY. KEEP HEADER COURSES IF NOT DETERIORATED. PROVIDE SPIRLOK TIES AT 16" o.c. EACH WAY.
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- \langle 28 \rangle PROVIDE 2x12x8'-0" SISTERS AND HANG WITH SIMPSON HU48.
- ⟨ 29 ⟩ NEW (2) 1 3/4"x9 1/4" LVL.
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- 1. COORDINATE ALL DIMENSIONS, DOOR AND WINDOW LOCATIONS WITH ARCHITECTURAL DRAWINGS.
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INFILL EX OPENING WITH SOLID CMU OR HOLLOW CMU, GROUTED SOLID, TO MATCH WALL THICKNESS ABOVE. JOISTS BACK, AND BEAR JOISTS ON NEW BEAM.

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- REMOVE EXISTING FRAMING AND SHEATHING. NEW 2x12 JOISTS AT 12" o.c. HANG TO NEW BEAM w/ SIMPSON LUS210
- LEVEL STAIR, AS FEASIBLE.
- \langle 9 \rangle HANG EXISTING JOISTS TO NEW HEADER w/ LUS210R-18 HANGERS.
- w/ LPC6Z POST CAPS, EACH SIDE OF BEAM.
- FLOOR. USE CAUTION AS THIS MAY BE AN EXISTING CISTERN WITH A COLLAPSED CAP.
- (13) REBUILD MASONRY WALL w/ NEW 12" SOLID CMU AND 4" BRICK, PER GENERAL NOTES.
- @ 24" o.c., WITH AN ADDITIONAL (4) 1/4"X6" SWS EACH SIDE OF EXISTING NOTCH.

- ADDITIONALLY LOCATE ANCHOR WITHIN 12" OF EXISTING NOTCHS, EACH SIDE OF NOTCH.

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PLAN NOTES

15 AT LOW OPENING

SATURATED OR DETERIORATED JOISTS WITH NEW JOISTS OF THE SAME SIZE.

4. WOOD LINTELS AT OPENINGS IN MASONRY WALLS WHERE ROTTED SHALL BE REPLACED WITH A STEEL HSS4x4x3/8

3RD FLOOR FRAMING PLAN

2ND FLOOR FRAMING PLAN

19 EACH SIDE OF EXISTING (3) PLY BEAM

REMOVE PLASTER AND TRIM FROM WALL FOR OBSERVATION

 $\langle 18 \rangle$

REMOVE ALL PLASTER AND

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JENKINS

Design Team: KCJ / SJ

Date: 04/28/2023

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Drawing No.

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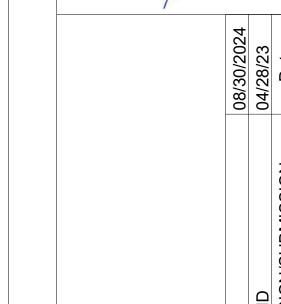
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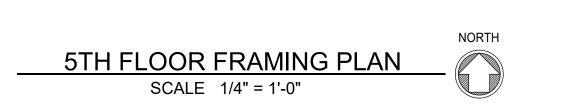


Design Team: KCJ / SJ

Date: 04/28/2023

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Drawing No.



advantage STRUCTURAL ENGINEERS www.advantageSE.com

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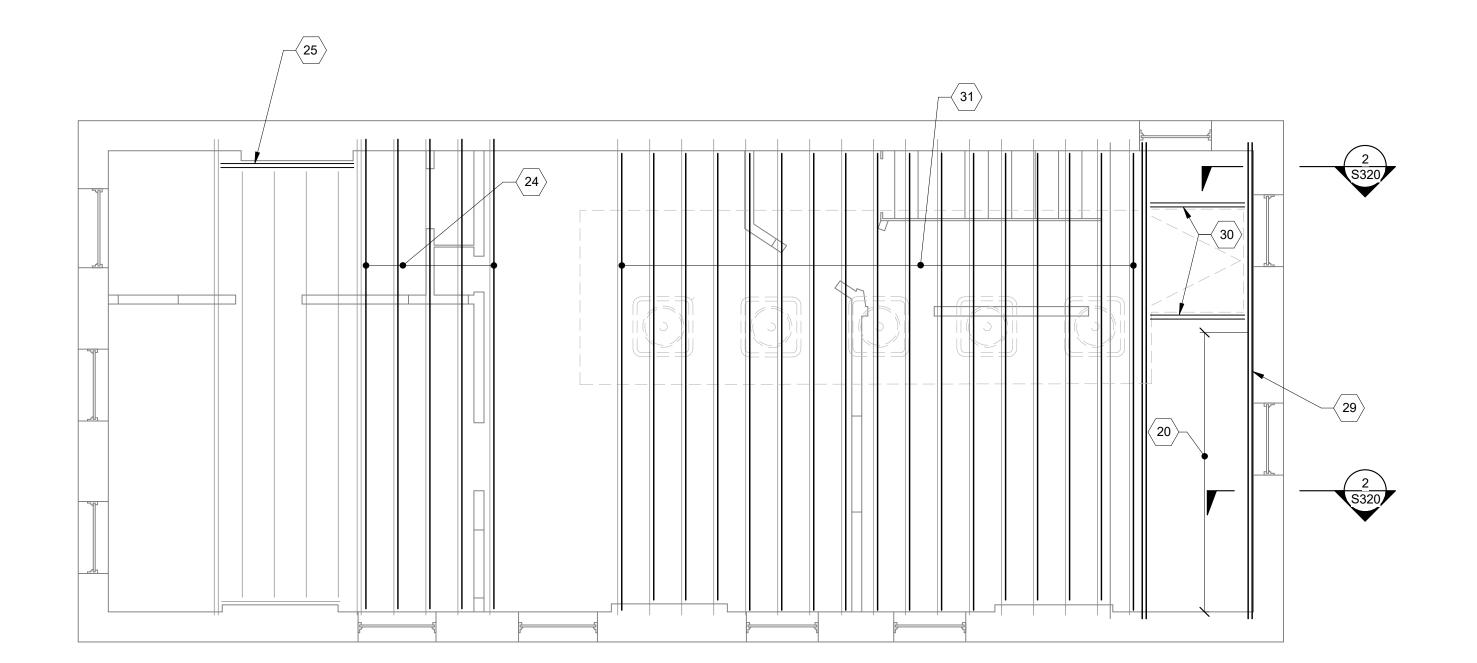
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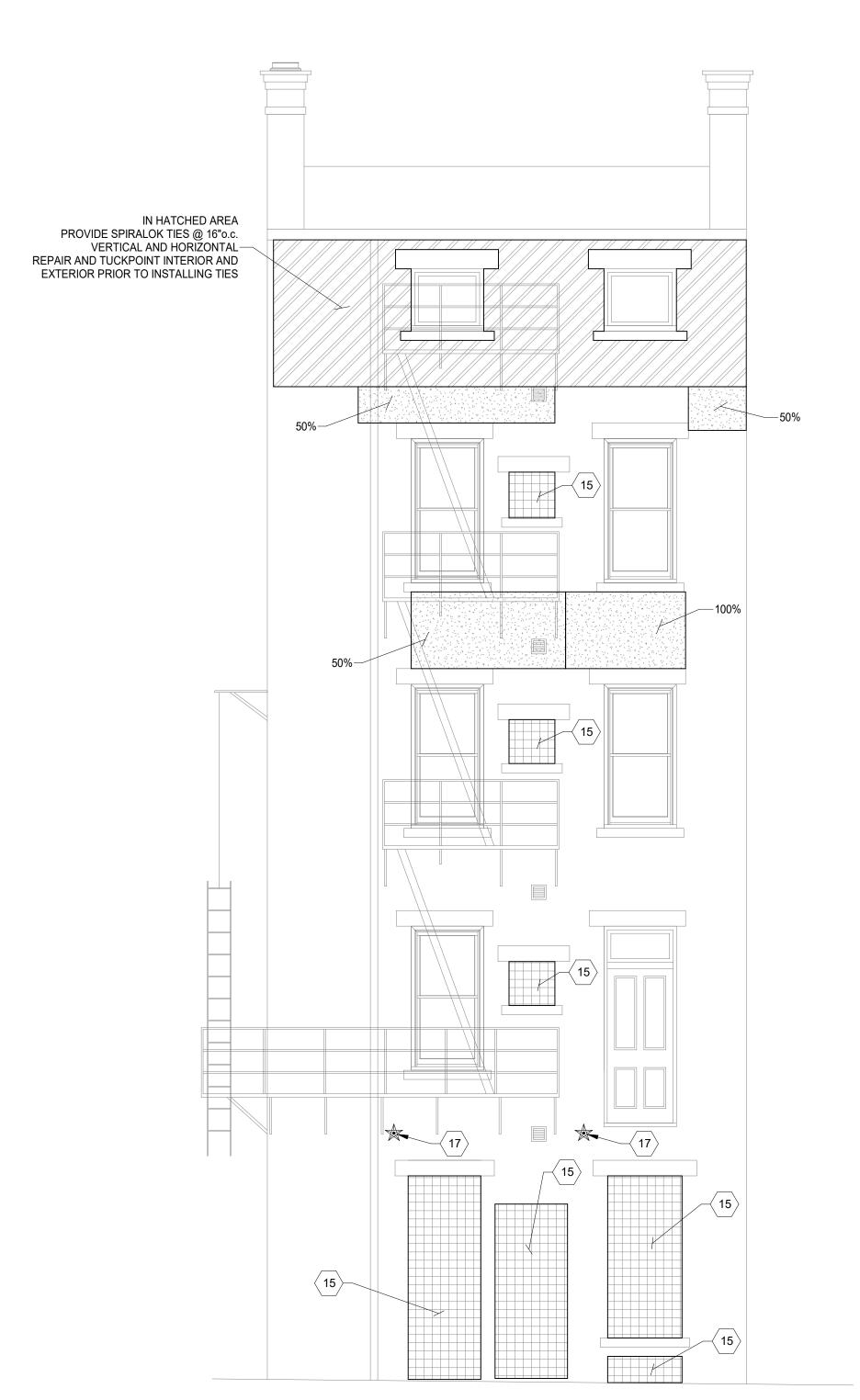
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EAST ELEVATION SCALE 1/4" = 1'-0"

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

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www.advantageSE.com

Design Team: KCJ / SJ

Date: 04/28/2023

Republic

Republic

Drawing No.

BRICK REPAIR LEGEND: TUCKPOINT REBUILD MASONRY PER GENERAL NOTES BRICK INFILL

TUCKPOINT 100% ALL AROUND REPAIR AS NEEDED MASONRY INSPECT
__CHIMNEY ALL SIDES _
AND REPAIR AS NEEDED

SCALE 1/4" = 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

JOINTS PRIOR TO APPLYING NEW PARGE COAT.

SOUTH ELEVATION

REPUBLIC

810

REPUBLIC

0

PROJECT KEYNOTES:

- 13 REBUILD MASONRY WALL w/ NEW 12" SOLID CMU AND 4" BRICK, PER GENERAL NOTES.
- INFILL EXISTING OPENING w/ 12" SOLID CMU OR (2) 6" SOLID CMU AND NEW BRICK OUTSIDE WYTHE. PROVIDE 16" WIDE LADDER HORIZONTAL REINFORCING AT 8" o.c. REMOVE EXISTING WOOD LINTELS, MORTAR NEW MASONRY TIGHT ALL AROUND OPENING.
- 17 NEW WALL TIE. SEE TYPICAL DETAILS.

BRICK REPAIR LEGEND: ELEVATION NOTES:

1. TUCKPOINT JOINTS IN MASONRY WHERE MORTAR IS SOFT, DAMAGED OR MISSING.



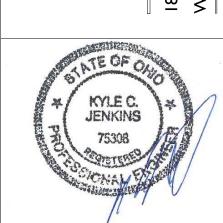
3. REMOVE CRACKED, DAMAGED OR SEVERLY SPALLED LINTELS AND REPLACE WITH RECLAIMED STONE OR CAST STONE LINTEL TO MATCH EXISTING.

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.

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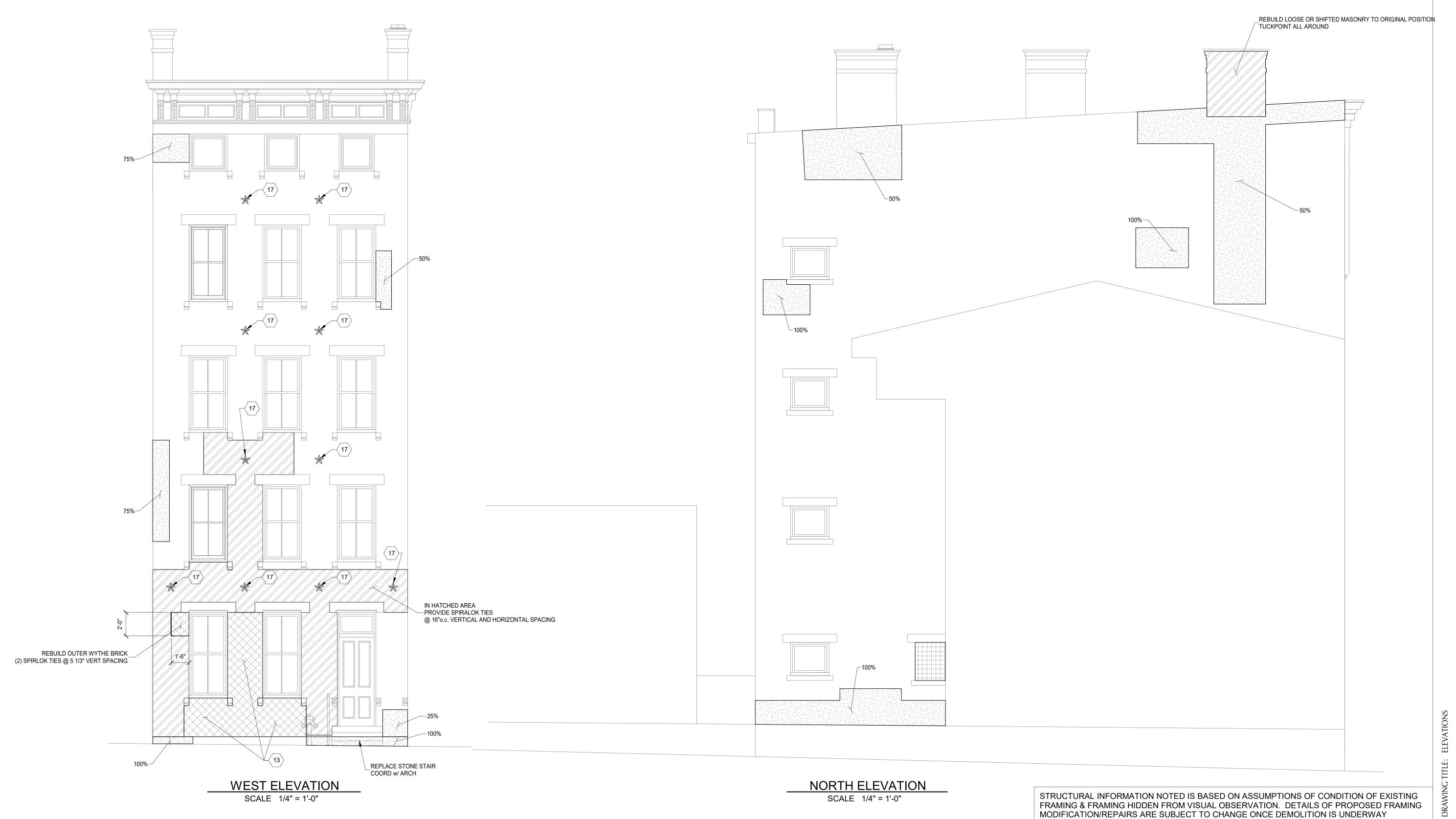
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Date: 04/28/2023

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Drawing No.



TUCKPOINT

BRICK INFILL

REBUILD MASONRY PER GENERAL NOTES

EXISTING

-MULTIWYTHE

BRICK WALL

EXISTING SHEATING OR NEW APA RATED

SEE PLAN

.131" x 3" TOE NAIL

(3) PT 2x10's CONT

SPLICE AT POSTS ONLY

-PT 6x6 @ 6'-0"o.c. MAX

SIMPSON 'LPC6Z' POST CAP

-EACH SIDE

EACH JOIST

2 PER POST

EXISTING STONE

SIMPSON ABA66Z POST BASE

-1'-0"x2'-0"X2'-0" CONC FOOTING

NEW CONC SLAB

EXISTING/NEW BRICK

MASONRY WALL

SEE PLAN

-w/5/8"∅ MIN ANCHOR BOLT

_CONC FOOTING SHALL BEAR ON FIRM NATIVE SOIL

SCALE 3/4" = 1'-0"

FOUNDATION WALL

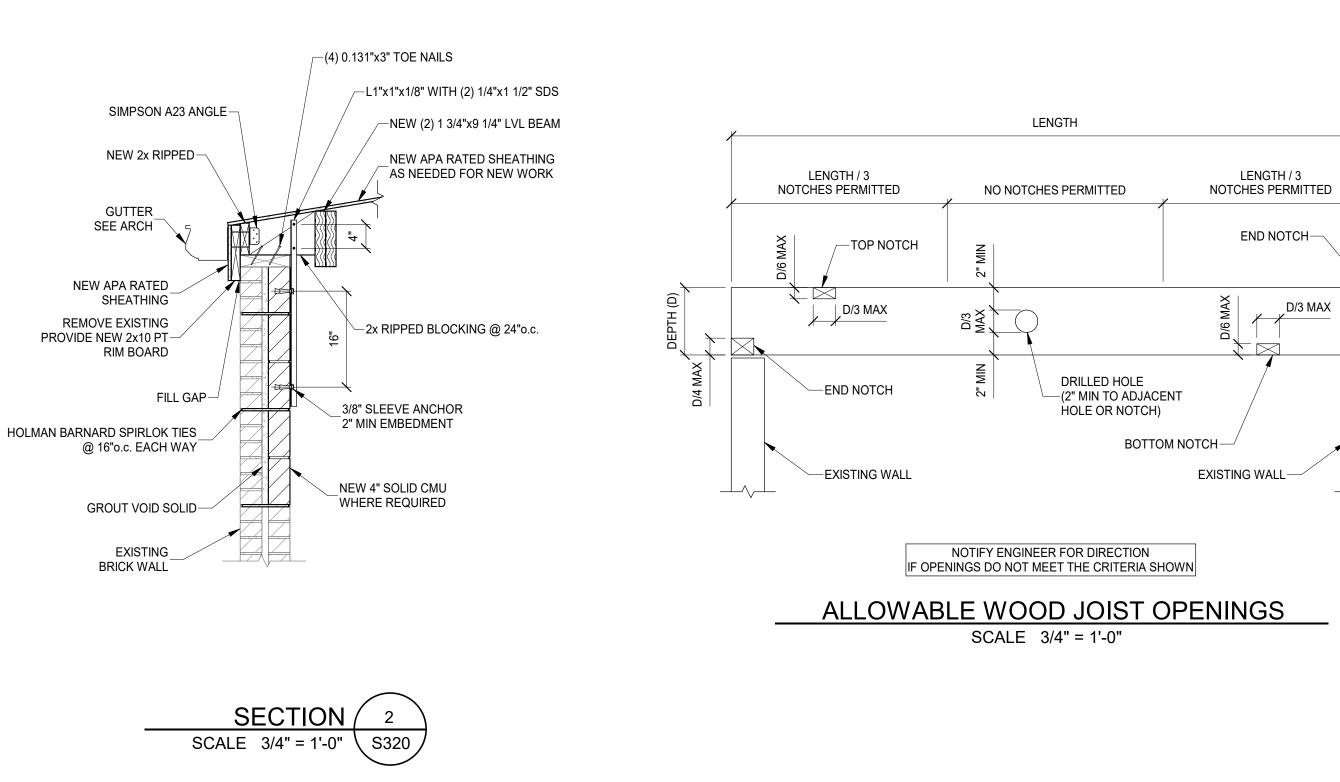
WITH 6" EMBED

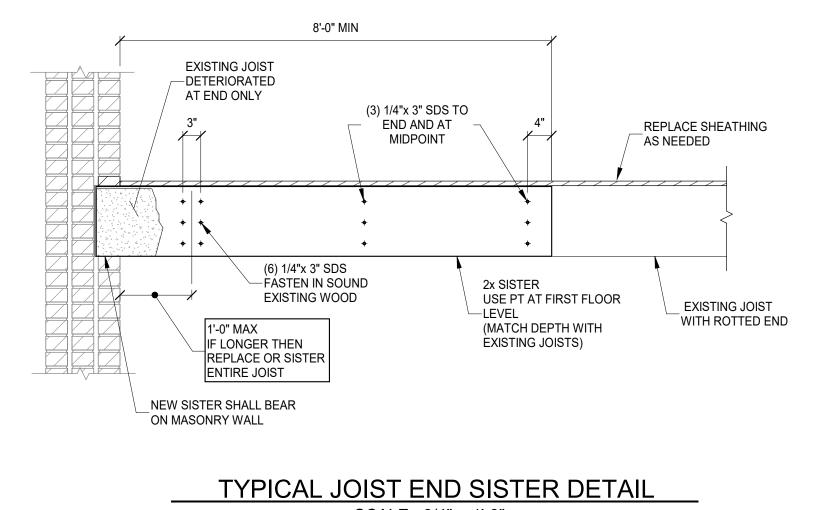
SEE PLAN

SHEATHING AS NEEDED

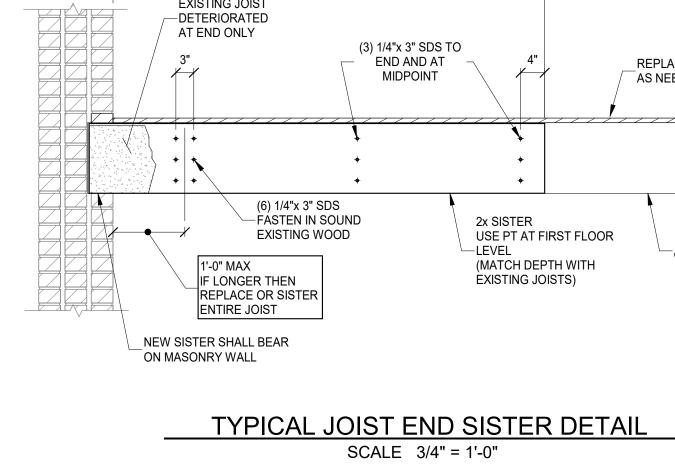
NEW OR EXISTING JOIST

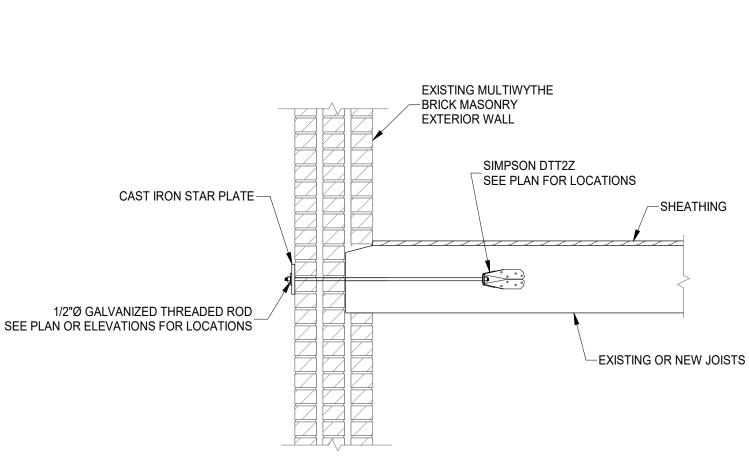






D/3 MAX





TYPICAL BEAM OR JOIST POCKET DETAIL

SCALE 3/4" = 1'-0"

NEW POCKET, BRICK WITHIN

-GROUT POCKET SOLID

NEW BEAM OR JOIST

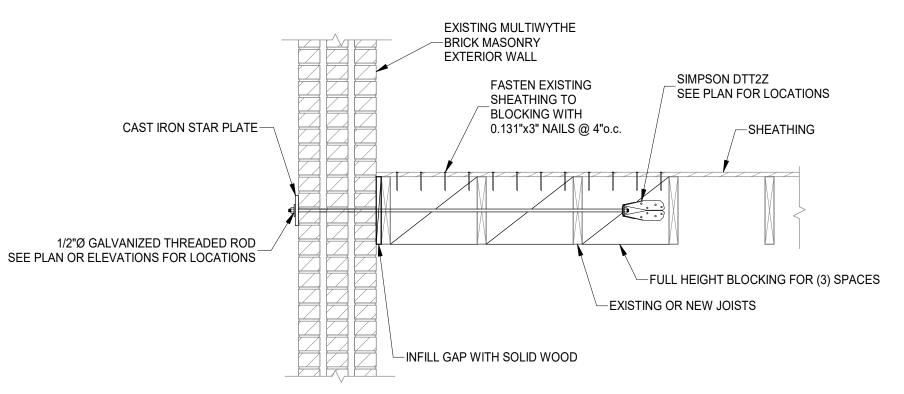
-USE PLYWOOD SHIM SOLID AS NEEDED

3 5/8" MIN BEARING LENGTH

-FULLY WRAP BEAM IN 3 MIL PLASTIC SHEATHING

1" TO 2" OF BEAM

TYPICAL WALL TIE DETAIL, JOIST PERPENDICULAR TO WALL SCALE 3/4" = 1'-0"



TYPICAL WALL TIE, JOIST PARALLEL TO WALL SCALE 3/4" = 1'-0"

epublic 808

22146.17 Drawing No.

Design Team: KCJ / SJ Date: 04/28/2023 S epublic 0

KYLE C.

JENKINS

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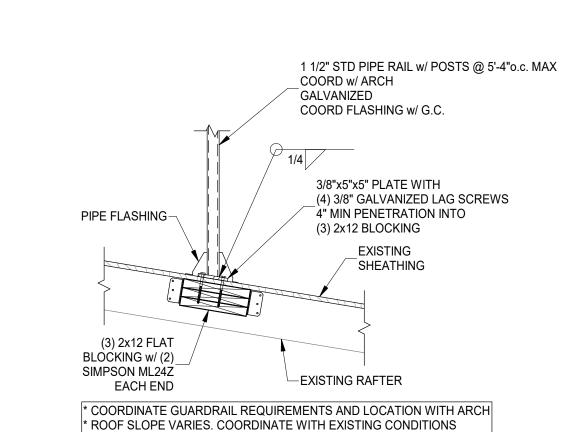
EXISTING -REPAIR BRICK AS NEEDED MULTI-WYTHE-BRICK WALL -NEW BRICK MASONRY EXISTING STONE_ LINTEL TO REMAIN L4x3 1/2x5/16 LLV GALVANIZED EACH WYTHE 8" MINIMUM BEARING EACH END ALTERNATE: USE HSS4x4x1/4 EACH INTERIOR WYTHE UNO ON PLAN

TYPICAL EXTERIOR WALL, INTERIOR LINTEL REPLACEMENT DETAIL

OPENING IS IN A WALL GREATER THAN (3) WYTHES THICK

* CONTRACTOR TO NOTIFY ENGINEER IF PROPOSED

SCALE 3/4" = 1'-0"



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

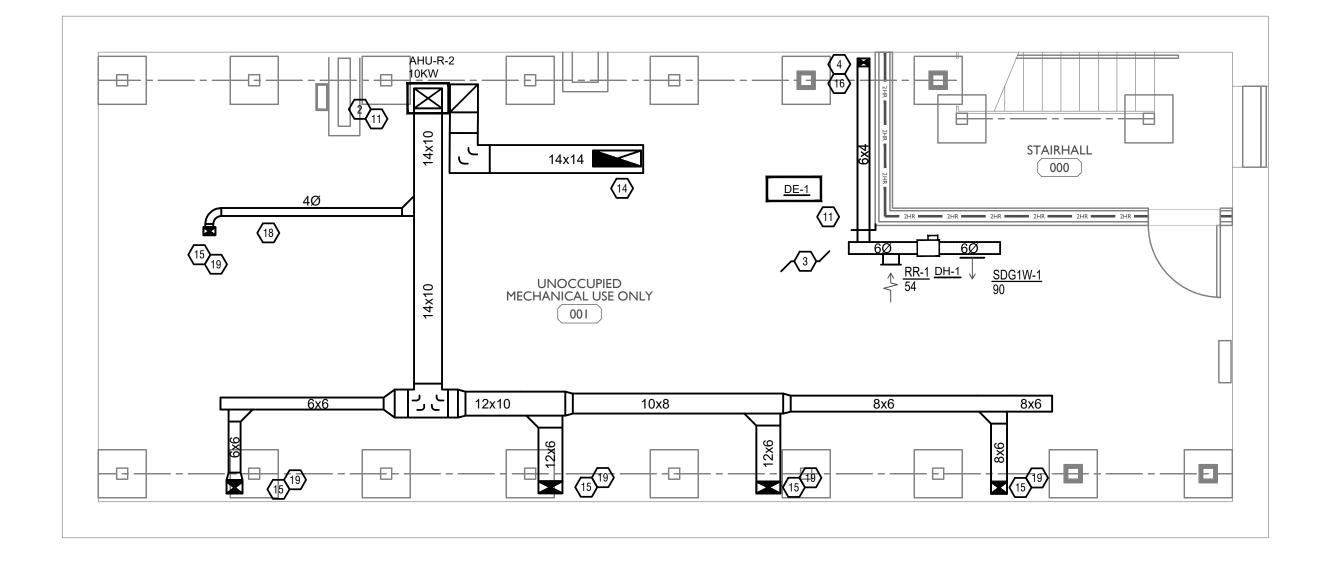
CALLOUT	DESCRIPTION	FACE SIZE (IN)	INLET SIZE (IN)	MODEL	NOTES
DTG-1	RETURN AIR GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	18x12	16x10	HART AND COOLEY/ 650	BRIGHT WHITE FINISH
DTG-1C	RETURN AIR GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	18x12	16x10	HART AND COOLEY/ 650	BRIGHT WHITE FINISH
DVH-4	28 GAUGE GALVANIZED STEEL. PRE-PAINTED DRYER VENT.	6x7	4Ø	FAMCO DWVP	BACKDRAFT DAMPER/ANGLED HOOD.
EVH-4	28 GAUGE GALVANIZED STEEL. PRE-PAINTED EXHAUST VENT.	6x7	4Ø	FAMCO SDWVP	BACKDRAFT DAMPER/ANGLED HOOD. 1/4 INCH INSECT SCREEN.
EVH-6	28 GAUGE GALVANIZED STEEL. PRE-PAINTED EXHAUST VENT.	8x9	6Ø	FAMCO SDWVP	BACKDRAFT DAMPER/ANGLED HOOD. 1/4 INCH INSECT SCREEN.
FR-3	FLOOR REGISTER, ALL-STEEL CONSTRUCTION, 75% FREE AREA, TOE-OPERATED VALVE CONTROL	10x8	8x6	HART AND COOLEY/ 210	
FR-6	FLOOR REGISTER, ALL-STEEL CONSTRUCTION, 75% FREE AREA, TOE-OPERATED VALVE CONTROL	14x8	12x6	HART AND COOLEY/ 210	GOLDEN SAND ENAMEL FINISH
FRG-1	RETURN AIR FILTER GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	26x10	24x8	HART AND COOLEY/ 265	GOLDEN SAND ENAMEL FINISH
IVH-6	28 GAUGE GALVANIZED STEEL. PRE-PAINTED INTAKE VENT.	8x9	6Ø	FAMCO SWVP	ANGLED HOOD.1/4 INCH INSECT SCREEN.
RG-9C	RETURN AIR GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	26x16	24x14	HART AND COOLEY/ 650	BRIGHT WHITE FINISH
RR-1	STEEL RETURN GRILLE, 3/4" BLADE SPACING, 35 DEGREE DEFLECTION, BLADES PARALLEL TO LONG DIMENSION	8x8	6x6	TITUS 350RL	STEEL OPPOSED-BLADE DAMPER OPERABLE FROM THE FACE OF THE GRILLE.
SDG1W-1	ALUMINUM SINGLE DEFLECTION SPIRAL DIFFUSER	12x5	10x3	HART AND COOLEY/ SV	ADJUSTABLE DAMPER, BRIGHT WHITE FINISH
SR1W-1	STEEL 1-WAY REGISTER, PLATE DAMPER, 1/3" FIN SPACING	10x6	8x4	HART AND COOLEY/ 651	ADJUSTABLE PLATE DAMPER, BRIGHT WHITE FINISH
SR1W-3	STEEL 1-WAY REGISTER, PLATE DAMPER, 1/3" FIN SPACING	10x8	8x6	HART AND COOLEY/ 651	ADJUSTABLE PLATE DAMPER, BRIGHT WHITE FINISH
SR1W-6	STEEL 1-WAY REGISTER, PLATE DAMPER, 1/3" FIN SPACING	16x8	14x6	HART AND COOLEY/ 651	ADJUSTABLE PLATE DAMPER, BRIGHT WHITE FINISH
SR2W-1C	STEEL 2-WAY REGISTER, MS DAMPER, 1/3" FIN SPACING	8x6	6x4	HART AND COOLEY/ 661	ADJUSTABLE DAMPER IN FACE, BRIGHT WHITE FINISH
CDOM 0	OTEEL O WAY DECICTED MO DAMPED	10.0	111	LIADT AND COOL EV/ COA	AD HIGTARI E DAMPER IN EACE BRIGHT

14x4

HART AND COOLEY/ 661

ADJUSTABLE DAMPER IN FACE, BRIGHT

WHITE FINISH



STEEL 2-WAY REGISTER, MS DAMPER, 16x6

1/3" FIN SPACING

⟨𝔻⟩ KEYED SHEET NOTES

- ROUTE 3/4" CONDENSATE DRAIN LINE TO FLOOR DRAIN IN MECHANICAL
- CLOSET. SLOPE PIPE A MINIMUM OF 1/8 " PER FOOT AWAY FROM UNIT. ROUTE LINE SET FROM OUTDOOR UNIT TO INDOOR AIR HANDLER. ALL PIPING
- SHALL BE CONCEALED IN SHAFTS. SIZE PER MANUFACTURES RECOMMENDATIONS. ALL BASEMENTS SHALL BE VENTILATED AS STORAGE/WAREHOUSE SPACE IN ACCORDANCE WITH TABLE 403.3 OF THE 2017 OHIO MECHANICAL CODE AT A RATE OF 0.06 CFM PER SQUARE FOOT. PROVIDE NEW FAN IN BASEMENT FOR
- CODE MINIMUM OSA LISTED ABOVE. 4. FRESH AIR INTAKE THRU WALL TO WALL CAP.
- 5. DUCT EXHAUST UP THROUGH ROOF WITH RAIN-PROOF CAP.
- 6. 4" EXHAUST DUCT TO BE ROUTED DIRECTLY TO ROOF, AS ALLOWED PER 717.6.1 EXCEPTION. DUCT MUST BE MINIMUM 26 GA. AND BE CONTAINED WITHIN WALL CAVITY FOR FULL LENGTH. FIRE CAULK AROUND ALL PENETRATIONS. REFER TO DETAIL.
- 7. 6" EXHAUST TO BE ROUTED DIRECTLY TO ROOF, AS ALLOWED PER OBC 714.4.1 EXCEPTION 1.
- UNDERCUT DOOR 1" ABOVE FINISHED FLOOR FOR RETURN/ MAKE UP AIR. 9. DUCTED RETURN BETWEEN TRANSFER GRILLES TO AVOID EXPOSED WALL
- 0. ROUTE EXHAUST TO EXTERIOR WALL. INSTALL A LOUVERED VENT. SEE
- ARCHITECT BEFORE PENETRATION FOR EXACT LOCATION AND COLOR COORDINATION. ALL EXHAUST SHALL MEET THE FOLLOWING REQUIREMENTS.
- 10.1. 3' FROM PROPERTY LINE. 10.2. 3' FROM OPERABLE OPENINGS INTO BUILDING.
- 12.3 10' FROM MECHANICAL AIR INTAKE 11. ROUTE 3/4" CONDENSATE DRAIN LINE TO FLOOR DRAIN IN BASEMENT. SLOPE PIPE A MINIMUM OF 1/8 " PER FOOT AWAY FROM UNIT. PROVIDE CONDENSATE PUMP AS REQUIRED.
- 12. DUCTED RETURN SLEEVE TO AVOID EXPOSED WALL CAVITY. 13. ROUTE EXHAUST DUCT UP IN JOIST POCKET. RATING SHALL BE MAINTAINED AROUND JOIST TO PREVENT FIRE DAMPER. REFER TO ARCHITECTURAL PLANS FOR DETAILS.
- 14. RETURN DUCT UP TO FIRST FLOOR. 15. SUPPLY DUCT UP TO FIRST FLOOR.
- 16. FRESH AIR DUCT UP TO FIRST FLOOR. 17. ROUTE 3/4" CONDENSATE DRAIN LINE TO FLOOR DRAIN IN WASHER CLOSET. SLOPE PIPE A MINIMUM OF 1/8 " PER FOOT AWAY FROM UNIT. PROVIDE CONDENSATE PUMP AS REQUIRED.
- 18. MECHANICAL CONTRACTOR TO COORDINATE DUCT ROUTING WITH PLUMBING. 19. MECHANICAL CONTRACTOR TO COORDINATE DUCT ROUTING WITH
- 20. MECHANICAL CONTRACTOR TO PROVIDE AND INSTALL NEW LOUVER. LOUVER SHOULD BE SIZED UNDER 550 FPM. COORDINATE COLOR WITH OWNER/ARCHITECT PRIOR TO PURCHASE.

MECHANICAL SCOPE OF WORK (PLAN REVIEW ONLY)

MECHANICAL SCOPE OF WORK IS TO PROVIDE NEW HVAC EQUIPMENT TO RESIDENTIAL SPACES. MECHANICAL CONTRACTOR SHALL REFERENCE ALL DISCIPLINE DRAWING, ETC. TO REVEAL FULL SCOPE OF WORK. REFER TO MECHANICAL SPECIFICATIONS FOR ADDITIONAL DETAILS.

HVAC DESIGN CONDITIONS

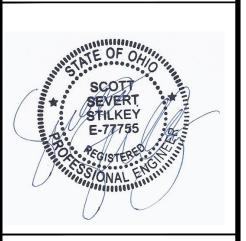
COOLING
OUTDOOR: 93 DB / 75 WBHEATING
OUTDOOR: 0 DBCOOLING
OUTDOOR: 93 DB / 75 WBHEATING
OUTDOOR: 0 DB INDOOR: 70 INDOOR: 75 INDOOR: 72 INDOOR: 70

GENERAL NOTES

- A. FOR FULL SCHEDULES, SPECIFICATIONS, AND COMPLETE LISTING SEE DETAIL
- B. COORDINATE ROUTING OF ALL WORK WITH OTHER TRADES.
- C. COORDINATE WITH ELECTRICAL CONTRACTOR FOR POWER CONNECTIONS TO ALL MECHANICAL EQUIPMENT.
- D. INSTALL ALL EQUIPMENT PER MANUFACTURER'S REQUIREMENTS. MAINTAIN ALL CODE RECOMMENDED CLEARANCES FOR ACCESS AND MAINTENANCE.
- E. REFER TO ARCHITECTURAL PLANS FOR DIMENSIONS, AND FINAL CEILING DIFFUSER LOCATIONS.
- F. PROVIDE BACKDRAFT DAMPERS FOR ALL EXHAUST SYSTEMS AND EITHER LOUVER, BRICK VENT, OR CAPS AT ALL EXTERIOR BUILDING PENETRATIONS.
- G. IN DWELLING UNITS, ROUTE ALL SUPPLY, RETURN, AND EXHAUST DUCTWORK ABOVE DROP CEILING OR IN BULKHEADS. COORDINATE ROUTING WITH ARCHITECTURAL DRAWINGS. DUCTS SHALL BE RUN BELOW THE RATED
- H. ROUTE ALL AIR CONDITIONER CONDENSATE TO NEARBY FLOOR DRAIN. PROVIDE MINIMUM SLOPE OF 1/8 " PER FOOT. SIZE CONDENSATE PER SECTION 307.2.2 OF THE OHIO MECHANICAL CODE.
- MOUNT THERMOSTATS 60" ABOVE FINISHED FLOOR. MOUNT THERMOSTATS IN ADA UNITS 40" ABOVE FINISHED FLOOR.
- ANY EQUIPMENT THAT IS SUBSTITUTED SHALL FIT IN THE SPACE PROVIDED WITH ADEQUATE ROOM FOR SERVICING, INCLUDING SUBSTITUTE EQUIPMENT NAMED IN THE SPECIFICATIONS. SUBMIT A 1/4" SCALE DRAWING OF ALL EQUIPMENT SUBSTITUTED FOR APPROVAL PRIOR TO INSTALLATION, INCLUDING, BUT NOT LIMITED TO, STRUCTURAL AND ARCHITECTURAL IMPACT, CLEARANCE REQUIREMENTS AND UTILITY REQUIREMENTS. IT IS THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR TO COORDINATE ALL NEW ELECTRICAL AND PLUMBING REQUIREMENTS WITH THE ELECTRICAL AND PLUMBING
- K. MATERIALS WITHIN PLENUMS SHALL BE NONCOMBUSTIBLE OR SHALL BE LISTED AND LABLED AS HAVING A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND SMOKE-DEVELOPED INDEX OF NOT MORE THAN 50 WHEN TESTED IN ACCORDANCE WITH ASTM E 84 OR UL 723.
- J. THE FOLLOWING GUIDELINES MUST BE FOLLOWED FOR THE DOMESTIC DRYER
- EXHAUST SYSTEMS. J.A. EXHAUST DUCTS SHALL HAVE A SMOOTH INTERIOR FINISH AND BE CONSTRUCTED OF METAL A MINIMUM OF 28 GAGE.
- J.B. DUCT SIZE SHALL BE 4 INCHES NOMINAL DIAMETER. J.C. DUCTS SHALL BE SUPPORTED AT 4-FOOT INTERVALS AND SECURED IN PLACE. THE INSERT END OF THE DUCT SHALL EXTEND INTO THE ADJOINING
- DUCT OR FITTING IN THE DIRECTION OF AIRFLOW. J.D. DUCTS SHALL NOT BE JOINED WITH SCREWS OF SIMILAR FASTENERS THAT
- PROTRUDE MORE THAN \$\frac{1}{8}\$ INCH INTO THE INSIDE OF THE DUCT. J.E. PROTECTIVE SHIELD PLATES SHALL BE PLACED WHERE NAILS OR SCREWS FROM FINISH OR OTHER WORK ARE LIKELY TO PENETRATE THE CLOTHES DRYER EXHAUST DUCT.SHIELD PLATES SHALL BE PLACED ON THE FINISHED FACE OF ALL FRAMING MEMBERS WHERE THERE IS LESS THAN 1-1/4 INCHES BETWEEN THE DUCT AND THE FINISHED FACE OF THE FRAMING MEMBER SHIELD PLATES SHALL BE CONSTRUCTED OF STEEL, HAVE A THICKNESS OF 0.062 INCHES, AND EXTEND NOT LESS THAN 2 INCHES ABOVE SOLE PLATES
- AND BELOW TOP PLATES. J.F. TRANSITION DUCTS USED TO CONNECT THE DRYER TO THE EXHAUST DUCT SYSTEM SHALL BE A SINGLE LENGTH THAT IS LISTED AND LABELED IN ACCORDANCE WITH UL 2158A. TRANSITION DUCTS SHALL BE NOT GREATER THAN 8 FEET IN LENGTH AND SHALL NOT BE CONCEALED WITHIN CONSTRUCTION.
- J.G. PROVIDE DRYER WALL BOX EQUAL TO DUNDAS JAFINE MODEL DRB4XZW
- NEAR DRYER. J.H. PROVIDE A PERMANENT LABEL OR TAG (EQUAL TO DRYERPLACARD) INDICATING ACTUAL EQUIVALENT LENGTH OF EXHAUST DUCT. LENGTH SHALL INCLUDE 5' FOR 90 . LABEL/TAG MUST BE WITHIN 6' OF DRYER EXHAUST CONNECTION. DRYER EXHAUST DUCT FITTING EQUIVALENT LENGTH SHALL BE 2'-6" FOR A RADIUS MITERED 45-DEGREE ELBOW AND 5 FEET FOR A RADIUS MITERED 90-DEGREE ELBOW.

SYMBOLS LEGEND — HVAC						
Ū	THERMOSTAT					
\boxtimes	CEILING DIFFUSER					
→	SIDE WALL GRILL					
- -\-	RETURN WALL GRILL					
← √−	AIR FLOW DIRECTION					
14x10	DUCTWORK					
\boxtimes	TYPICAL SUPPLY DUCT DN					
	TYPICAL RETURN DUCT DN					
N N	TYPICAL EXHAUST DUCT					
ردر	TURNING VANES					
$\boxtimes \sim \sim$	FLEXIBLE DUCT, 8'-0" LONG MAX.					
Ø_	TYPICAL ROUND DUCT DN					
	ROUND DUCT UP					
	MVD MANUAL VOLUME DAMPER					
	DROPPED CEILING/SOFFIT					





202 *****

Progress Dates 05/05/2023 BID P/E/FP 08/30/2024 BID SET 2

Checked By: SSS

Drawn by: RPG



TEAMWORK • COLLABORATION SHARED SUCCESS 515 Monmouth Street, Suite 204 Newport, KY 41071 (859) 261-0585 MEP Consulting Services, Inc. in OH

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1808 REPUBLIC RENO

SR2W-1C

DAMPER, 1/3" FIN SPACING

1/3" FIN SPACING

1/3" FIN SPACING

STEEL 2-WAY REGISTER, MS DAMPER, 8x6

STEEL 2-WAY REGISTER, MS DAMPER,

CALLOUT	DESCRIPTION	FACE SIZE (IN)	INLET SIZE (IN)	MODEL	NOTES
DTG-1	RETURN AIR GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	18x12	16x10	HART AND COOLEY/ 650	BRIGHT WHITE FINISH
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FR-6	FLOOR REGISTER, ALL-STEEL CONSTRUCTION, 75% FREE AREA, TOE-OPERATED VALVE CONTROL	14x8	12x6	HART AND COOLEY/ 210	GOLDEN SAND ENAMEL FINISH
FRG-1	RETURN AIR FILTER GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	26x10	24x8	HART AND COOLEY/ 265	GOLDEN SAND ENAMEL FINISH
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SDG1W-1	ALUMINUM SINGLE DEFLECTION SPIRAL DIFFUSER	12x5	10x3	HART AND COOLEY/ SV	ADJUSTABLE DAMPER, BRIGHT WHITE FINISH
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SR1W-3	STEEL 1-WAY REGISTER, PLATE DAMPER, 1/3" FIN SPACING	10x8	8x6	HART AND COOLEY/ 651	ADJUSTABLE PLATE DAMPER, BRIGHT WHITE FINISH
SR1W-6	STEEL 1-WAY REGISTER, PLATE	16x8	14x6	HART AND COOLEY/ 651	ADJUSTABLE PLATE DAMPER, BRIGHT

⟨⊕⟩ KEYED SHEET NOTES

CODE MINIMUM OSA LISTED ABOVE.

- ROUTE 3/4" CONDENSATE DRAIN LINE TO FLOOR DRAIN IN MECHANICAL CLOSET. SLOPE PIPE A MINIMUM OF 1/8 " PER FOOT AWAY FROM UNIT. ROUTE LINE SET FROM OUTDOOR UNIT TO INDOOR AIR HANDLER. ALL PIPING
- SHALL BE CONCEALED IN SHAFTS. SIZE PER MANUFACTURES RECOMMENDATIONS. ALL BASEMENTS SHALL BE VENTILATED AS STORAGE/WAREHOUSE SPACE IN ACCORDANCE WITH TABLE 403.3 OF THE 2017 OHIO MECHANICAL CODE AT A RATE OF 0.06 CFM PER SQUARE FOOT. PROVIDE NEW FAN IN BASEMENT FOR
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- EXCEPTION 1. UNDERCUT DOOR 1" ABOVE FINISHED FLOOR FOR RETURN/ MAKE UP AIR.

7. 6" EXHAUST TO BE ROUTED DIRECTLY TO ROOF, AS ALLOWED PER OBC 714.4.1

- 9. DUCTED RETURN BETWEEN TRANSFER GRILLES TO AVOID EXPOSED WALL
- 0. ROUTE EXHAUST TO EXTERIOR WALL. INSTALL A LOUVERED VENT. SEE ARCHITECT BEFORE PENETRATION FOR EXACT LOCATION AND COLOR
- COORDINATION. ALL EXHAUST SHALL MEET THE FOLLOWING REQUIREMENTS. 10.1. 3' FROM PROPERTY LINE.
- 10.2. 3' FROM OPERABLE OPENINGS INTO BUILDING. 12.3 10' FROM MECHANICAL AIR INTAKE
- 11. ROUTE 3/4" CONDENSATE DRAIN LINE TO FLOOR DRAIN IN BASEMENT. SLOPE PIPE A MINIMUM OF 1/8 " PER FOOT AWAY FROM UNIT. PROVIDE CONDENSATE PUMP AS REQUIRED.
- 12. DUCTED RETURN SLEEVE TO AVOID EXPOSED WALL CAVITY. 13. ROUTE EXHAUST DUCT UP IN JOIST POCKET. RATING SHALL BE MAINTAINED AROUND JOIST TO PREVENT FIRE DAMPER. REFER TO ARCHITECTURAL PLANS FOR DETAILS.
- 14. RETURN DUCT UP TO FIRST FLOOR. 15. SUPPLY DUCT UP TO FIRST FLOOR.
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- CONDENSATE PUMP AS REQUIRED. 8. MECHANICAL CONTRACTOR TO COORDINATE DUCT ROUTING WITH PLUMBING. 19. MECHANICAL CONTRACTOR TO COORDINATE DUCT ROUTING WITH STRUCTURAL.
- 20. MECHANICAL CONTRACTOR TO PROVIDE AND INSTALL NEW LOUVER. LOUVER SHOULD BE SIZED UNDER 550 FPM. COORDINATE COLOR WITH OWNER/ARCHITECT PRIOR TO PURCHASE.

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MECHANICAL SCOPE OF WORK IS TO PROVIDE NEW HVAC EQUIPMENT TO RESIDENTIAL SPACES. MECHANICAL CONTRACTOR SHALL REFERENCE ALL DISCIPLINE DRAWING, ETC. TO REVEAL FULL SCOPE OF WORK. REFER TO MECHANICAL SPECIFICATIONS FOR ADDITIONAL DETAILS.

HVAC DESIGN CONDITIONS

RESIDENTIAL COOLINGHEATINGCOOLINGHEATINGOUTDOOR: 93 DB / 75 WBOUTDOOR: 0 DBOUTDOOR: 93 DB / 75 WBHEATING INDOOR: 70 INDOOR: 75 INDOOR: 72 INDOOR: 70

GENERAL NOTES

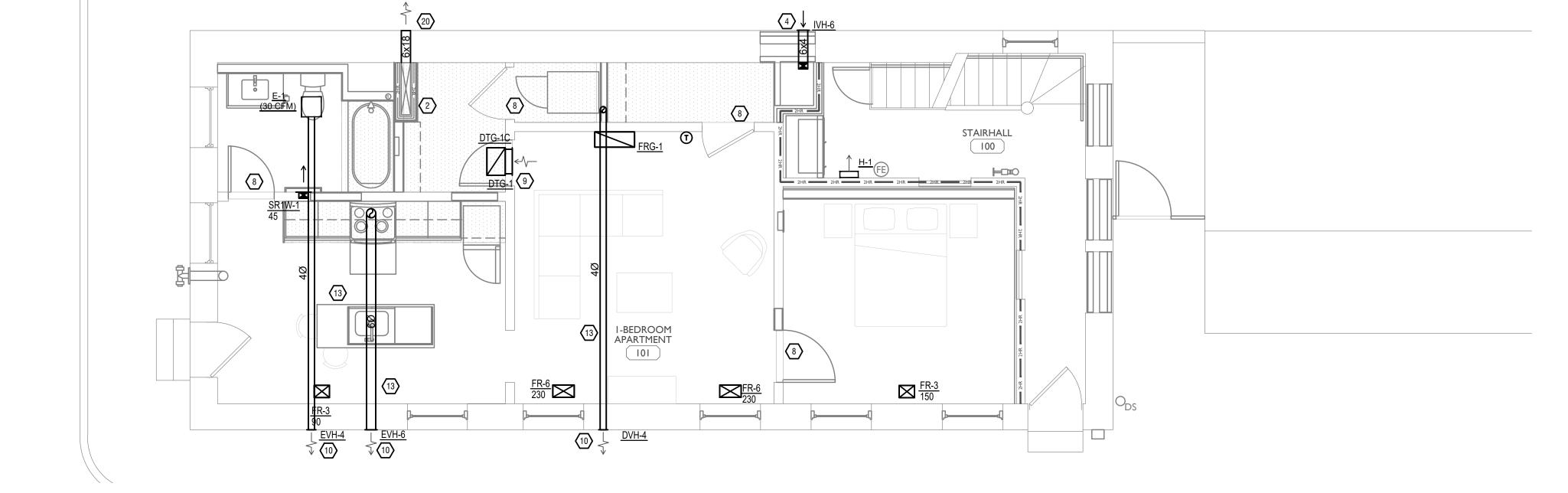
DIFFUSER LOCATIONS.

- A. FOR FULL SCHEDULES, SPECIFICATIONS, AND COMPLETE LISTING SEE DETAIL
- B. COORDINATE ROUTING OF ALL WORK WITH OTHER TRADES.
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- D. INSTALL ALL EQUIPMENT PER MANUFACTURER'S REQUIREMENTS. MAINTAIN ALL CODE RECOMMENDED CLEARANCES FOR ACCESS AND MAINTENANCE.
- E. REFER TO ARCHITECTURAL PLANS FOR DIMENSIONS, AND FINAL CEILING
- F. PROVIDE BACKDRAFT DAMPERS FOR ALL EXHAUST SYSTEMS AND EITHER LOUVER, BRICK VENT, OR CAPS AT ALL EXTERIOR BUILDING PENETRATIONS.
- G. IN DWELLING UNITS, ROUTE ALL SUPPLY, RETURN, AND EXHAUST DUCTWORK ABOVE DROP CEILING OR IN BULKHEADS. COORDINATE ROUTING WITH ARCHITECTURAL DRAWINGS. DUCTS SHALL BE RUN BELOW THE RATED
- H. ROUTE ALL AIR CONDITIONER CONDENSATE TO NEARBY FLOOR DRAIN. PROVIDE MINIMUM SLOPE OF 1/8 " PER FOOT. SIZE CONDENSATE PER SECTION 307.2.2 OF THE OHIO MECHANICAL CODE.
- MOUNT THERMOSTATS 60" ABOVE FINISHED FLOOR. MOUNT THERMOSTATS IN ADA UNITS 40" ABOVE FINISHED FLOOR.
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- K. MATERIALS WITHIN PLENUMS SHALL BE NONCOMBUSTIBLE OR SHALL BE LISTED AND LABLED AS HAVING A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND SMOKE-DEVELOPED INDEX OF NOT MORE THAN 50 WHEN TESTED IN ACCORDANCE WITH ASTM E 84 OR UL 723.
- J. THE FOLLOWING GUIDELINES MUST BE FOLLOWED FOR THE DOMESTIC DRYER
- EXHAUST SYSTEMS. J.A. EXHAUST DUCTS SHALL HAVE A SMOOTH INTERIOR FINISH AND BE CONSTRUCTED OF METAL A MINIMUM OF 28 GAGE.
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- DUCT OR FITTING IN THE DIRECTION OF AIRFLOW. J.D. DUCTS SHALL NOT BE JOINED WITH SCREWS OF SIMILAR FASTENERS THAT
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- AND BELOW TOP PLATES. J.F. TRANSITION DUCTS USED TO CONNECT THE DRYER TO THE EXHAUST DUCT SYSTEM SHALL BE A SINGLE LENGTH THAT IS LISTED AND LABELED IN ACCORDANCE WITH UL 2158A. TRANSITION DUCTS SHALL BE NOT GREATER THAN 8 FEET IN LENGTH AND SHALL NOT BE CONCEALED WITHIN CONSTRUCTION.

0.062 INCHES, AND EXTEND NOT LESS THAN 2 INCHES ABOVE SOLE PLATES

- J.G. PROVIDE DRYER WALL BOX EQUAL TO DUNDAS JAFINE MODEL DRB4XZW NEAR DRYER.
- J.H. PROVIDE A PERMANENT LABEL OR TAG (EQUAL TO DRYERPLACARD) INDICATING ACTUAL EQUIVALENT LENGTH OF EXHAUST DUCT. LENGTH SHALL INCLUDE 5' FOR 90 . LABEL/TAG MUST BE WITHIN 6' OF DRYER EXHAUST CONNECTION. DRYER EXHAUST DUCT FITTING EQUIVALENT LENGTH SHALL BE 2'-6" FOR A RADIUS MITERED 45-DEGREE ELBOW AND 5 FEET FOR A RADIUS MITERED 90-DEGREE ELBOW.

SYMBOLS LE	GEND — HVAC		
T	THERMOSTAT		
\boxtimes	CEILING DIFFUSER		
->	SIDE WALL GRILL		
«\- «\-	RETURN WALL GRILL		
← \	AIR FLOW DIRECTION		
14x10	DUCTWORK		
X	TYPICAL SUPPLY DUCT DN		
	TYPICAL RETURN DUCT DN		
N N	TYPICAL EXHAUST DUCT		
[درج	TURNING VANES		
X	FLEXIBLE DUCT, 8'-0" LONG MAX.		
<u>a</u>	TYPICAL ROUND DUCT DN		
	ROUND DUCT UP		
7	MVD MANUAL VOLUME DAMPER		
••••••	DROPPED CEILING/SOFFIT		



6x4

14x4

HART AND COOLEY/ 661

HART AND COOLEY/ 661

ADJUSTABLE DAMPER IN FACE, BRIGHT

ADJUSTABLE DAMPER IN FACE, BRIGHT

WHITE FINISH

WHITE FINISH

WHITE FINISH



SCALE: 1/4" = 1'-0"

MECHANICAL PLAN - FIRST FLOOR

SEVERT STILKEY E-77755

.02 **★**

Progress Dates 05/05/2023 BID P/E/FP 08/30/2024 BID SET 2

Checked By: SSS

Drawn by: RPG



TEAMWORK • COLLABORATION SHARED SUCCESS 515 Monmouth Street, Suite 204 Newport, KY 41071 (859) 261-0585 MEP Consulting Services, Inc. in OH

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1808 REPUBLIC RENO

DAMPER, 1/3" FIN SPACING

DAMPER, 1/3" FIN SPACING

1/3" FIN SPACING

1/3" FIN SPACING

STEEL 1-WAY REGISTER, PLATE

STEEL 2-WAY REGISTER, MS DAMPER, 8x6

STEEL 2-WAY REGISTER, MS DAMPER,

SR1W-6

SR2W-1C

CALLOUT	DESCRIPTION	FACE SIZE (IN)	INLET SIZE (IN)	MODEL	NOTES
DTG-1	RETURN AIR GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	18x12	16x10	HART AND COOLEY/ 650	BRIGHT WHITE FINISH
DTG-1C	RETURN AIR GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	18x12	16x10	HART AND COOLEY/ 650	BRIGHT WHITE FINISH
DVH-4	28 GAUGE GALVANIZED STEEL. PRE-PAINTED DRYER VENT.	6x7	4Ø	FAMCO DWVP	BACKDRAFT DAMPER/ANGLED HOOD.
EVH-4	28 GAUGE GALVANIZED STEEL. PRE-PAINTED EXHAUST VENT.	6x7	4Ø	FAMCO SDWVP	BACKDRAFT DAMPER/ANGLED HOOD. 1/4 INCH INSECT SCREEN.
EVH-6	28 GAUGE GALVANIZED STEEL. PRE-PAINTED EXHAUST VENT.	8x9	6Ø	FAMCO SDWVP	BACKDRAFT DAMPER/ANGLED HOOD. 1/4 INCH INSECT SCREEN.
FR-3	FLOOR REGISTER, ALL-STEEL CONSTRUCTION, 75% FREE AREA, TOE-OPERATED VALVE CONTROL	10x8	8x6	HART AND COOLEY/ 210	
FR-6	FLOOR REGISTER, ALL-STEEL CONSTRUCTION, 75% FREE AREA, TOE-OPERATED VALVE CONTROL	14x8	12x6	HART AND COOLEY/ 210	GOLDEN SAND ENAMEL FINISH
FRG-1	RETURN AIR FILTER GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	26x10	24x8	HART AND COOLEY/ 265	GOLDEN SAND ENAMEL FINISH
IVH-6	28 GAUGE GALVANIZED STEEL. PRE-PAINTED INTAKE VENT.	8x9	6Ø	FAMCO SWVP	ANGLED HOOD.1/4 INCH INSECT SCREEN.
RG-9C	RETURN AIR GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	26x16	24x14	HART AND COOLEY/ 650	BRIGHT WHITE FINISH
RR-1	STEEL RETURN GRILLE, 3/4" BLADE SPACING, 35 DEGREE DEFLECTION, BLADES PARALLEL TO LONG DIMENSION	8x8	6x6	TITUS 350RL	STEEL OPPOSED-BLADE DAMPER OPERABLE FROM THE FACE OF THE GRILLE.
SDG1W-1	ALUMINUM SINGLE DEFLECTION SPIRAL DIFFUSER	12x5	10x3	HART AND COOLEY/ SV	ADJUSTABLE DAMPER, BRIGHT WHITE FINISH
SR1W-1	STEEL 1-WAY REGISTER, PLATE DAMPER, 1/3" FIN SPACING	10x6	8x4	HART AND COOLEY/ 651	ADJUSTABLE PLATE DAMPER, BRIGHT WHITE FINISH
SR1W-3	STEEL 1-WAY REGISTER, PLATE	10x8	8x6	HART AND COOLEY/ 651	ADJUSTABLE PLATE DAMPER, BRIGHT

HART AND COOLEY/ 651

HART AND COOLEY/ 661

HART AND COOLEY/ 661

14x6

6x4

14x4

WHITE FINISH

WHITE FINISH

WHITE FINISH

WHITE FINISH

ADJUSTABLE PLATE DAMPER, BRIGHT

ADJUSTABLE DAMPER IN FACE, BRIGHT

ADJUSTABLE DAMPER IN FACE, BRIGHT

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- COORDINATION. ALL EXHAUST SHALL MEET THE FOLLOWING REQUIREMENTS. 10.1. 3' FROM PROPERTY LINE. 10.2. 3' FROM OPERABLE OPENINGS INTO BUILDING.
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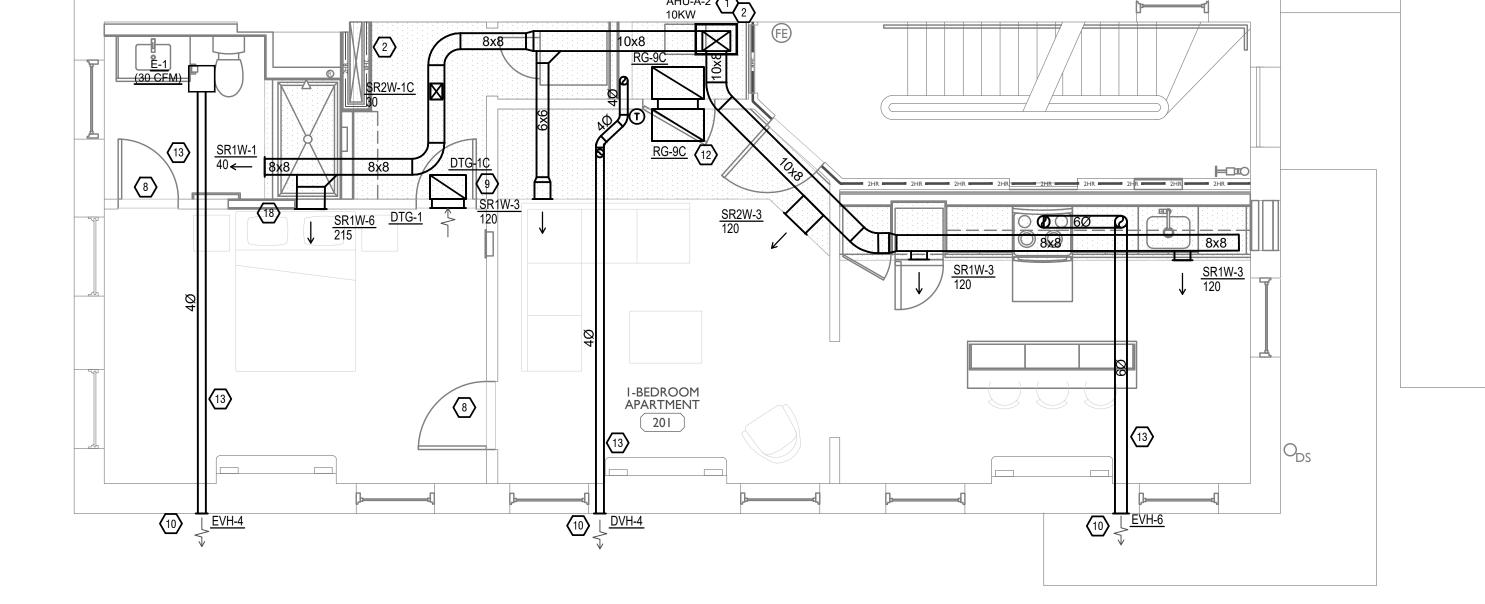
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SYMBOLS LI	EGEND — HVAC			
Ū	THERMOSTAT			
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→	SIDE WALL GRILL			
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14x10	DUCTWORK			
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ردره	TURNING VANES			
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SEVERT E-77755

Progress Dates 05/05/2023 BID P/E/FP 08/30/2024 BID SET 2

Checked By: SSS

Drawn by: RPG



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REPUBLIC 808

I-BEDROOM **APARTMENT**

16x8

14x6

6x4

14x4

HART AND COOLEY/ 651

HART AND COOLEY/ 661

HART AND COOLEY/ 661

SR1W-6

SR2W-1C

STEEL 1-WAY REGISTER, PLATE

STEEL 2-WAY REGISTER, MS DAMPER,

STEEL 2-WAY REGISTER, MS DAMPER,

DAMPER, 1/3" FIN SPACING

1/3" FIN SPACING

1/3" FIN SPACING

KEYED SHEET NOTES

- ROUTE 3/4" CONDENSATE DRAIN LINE TO FLOOR DRAIN IN MECHANICAL CLOSET. SLOPE PIPE A MINIMUM OF 1/8 " PER FOOT AWAY FROM UNIT.
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ADJUSTABLE PLATE DAMPER, BRIGHT

ADJUSTABLE DAMPER IN FACE, BRIGHT

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WHITE FINISH

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- ANY EQUIPMENT THAT IS SUBSTITUTED SHALL FIT IN THE SPACE PROVIDED WITH ADEQUATE ROOM FOR SERVICING. INCLUDING SUBSTITUTE EQUIPMENT NAMED IN THE SPECIFICATIONS. SUBMIT A 1/4" SCALE DRAWING OF ALL EQUIPMENT SUBSTITUTED FOR APPROVAL PRIOR TO INSTALLATION, INCLUDING, BUT NOT LIMITED TO, STRUCTURAL AND ARCHITECTURAL IMPACT, CLEARANCE REQUIREMENTS AND UTILITY REQUIREMENTS. IT IS THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR TO COORDINATE ALL NEW ELECTRICAL AND PLUMBING REQUIREMENTS WITH THE ELECTRICAL AND PLUMBING CONTRACTORS.
- K. MATERIALS WITHIN PLENUMS SHALL BE NONCOMBUSTIBLE OR SHALL BE LISTED AND LABLED AS HAVING A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND SMOKE-DEVELOPED INDEX OF NOT MORE THAN 50 WHEN TESTED IN ACCORDANCE WITH ASTM E 84 OR UL 723.
- J. THE FOLLOWING GUIDELINES MUST BE FOLLOWED FOR THE DOMESTIC DRYER
- EXHAUST SYSTEMS. J.A. EXHAUST DUCTS SHALL HAVE A SMOOTH INTERIOR FINISH AND BE CONSTRUCTED OF METAL A MINIMUM OF 28 GAGE.
- J.B. DUCT SIZE SHALL BE 4 INCHES NOMINAL DIAMETER. J.C. DUCTS SHALL BE SUPPORTED AT 4-FOOT INTERVALS AND SECURED IN PLACE. THE INSERT END OF THE DUCT SHALL EXTEND INTO THE ADJOINING
- DUCT OR FITTING IN THE DIRECTION OF AIRFLOW. J.D. DUCTS SHALL NOT BE JOINED WITH SCREWS OF SIMILAR FASTENERS THAT
- PROTRUDE MORE THAN 1 INCH INTO THE INSIDE OF THE DUCT. J.E. PROTECTIVE SHIELD PLATES SHALL BE PLACED WHERE NAILS OR SCREWS FROM FINISH OR OTHER WORK ARE LIKELY TO PENETRATE THE CLOTHES DRYER EXHAUST DUCT. SHIELD PLATES SHALL BE PLACED ON THE FINISHED FACE OF ALL FRAMING MEMBERS WHERE THERE IS LESS THAN 1-1/4 INCHES BETWEEN THE DUCT AND THE FINISHED FACE OF THE FRAMING MEMBER SHIELD PLATES SHALL BE CONSTRUCTED OF STEEL, HAVE A THICKNESS OF 0.062 INCHES, AND EXTEND NOT LESS THAN 2 INCHES ABOVE SOLE PLATES
- AND BELOW TOP PLATES. J.F. TRANSITION DUCTS USED TO CONNECT THE DRYER TO THE EXHAUST DUCT SYSTEM SHALL BE A SINGLE LENGTH THAT IS LISTED AND LABELED IN ACCORDANCE WITH UL 2158A. TRANSITION DUCTS SHALL BE NOT GREATER THAN 8 FEET IN LENGTH AND SHALL NOT BE CONCEALED WITHIN CONSTRUCTION.
- J.G. PROVIDE DRYER WALL BOX EQUAL TO DUNDAS JAFINE MODEL DRB4XZW
- NEAR DRYER. J.H. PROVIDE A PERMANENT LABEL OR TAG (EQUAL TO DRYERPLACARD) INDICATING ACTUAL EQUIVALENT LENGTH OF EXHAUST DUCT. LENGTH SHALL INCLUDE 5' FOR 90 . LABEL/TAG MUST BE WITHIN 6' OF DRYER EXHAUST CONNECTION. DRYER EXHAUST DUCT FITTING EQUIVALENT LENGTH SHALL BE 2'-6" FOR A RADIUS MITERED 45-DEGREE ELBOW AND 5 FEET FOR A RADIUS MITERED 90-DEGREE ELBOW.

SYMBOLS LE	EGEND — HVAC
T	THERMOSTAT
\boxtimes	CEILING DIFFUSER
->	SIDE WALL GRILL
* \-	RETURN WALL GRILL
← √—	AIR FLOW DIRECTION
14x10	DUCTWORK
\boxtimes	TYPICAL SUPPLY DUCT DN
	TYPICAL RETURN DUCT DN
\square	TYPICAL EXHAUST DUCT
ررد	TURNING VANES
	FLEXIBLE DUCT, 8'-0" LONG MAX.
<u> </u>	TYPICAL ROUND DUCT DN
	ROUND DUCT UP
	MVD MANUAL VOLUME DAMPER
	DROPPED CEILING/SOFFIT



MECHANICAL SCOPE OF WORK (PLAN REVIEW ONLY)

SEVERT STILKEY E-77755

202 **W**

Progress Dates 05/05/2023 BID P/E/FP 08/30/2024 BID SET 2

Revisions

Checked By: SSS

Drawn by: RPG



TEAMWORK • COLLABORATION SHARED SUCCESS 515 Monmouth Street, Suite 204 Newport, KY 41071 (859) 261-0585 MEP Consulting Services, Inc. in OH

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> REPUBLI 0 $\frac{\infty}{}$ S

REPUBLIC 808

STEEL 2-WAY REGISTER, MS DAMPER,

1/3" FIN SPACING

16x6

I-BEDROOM **APARTMENT**

401

14x4

HART AND COOLEY/ 661

ADJUSTABLE DAMPER IN FACE, BRIGHT

WHITE FINISH

CALLOUT	DESCRIPTION	FACE SIZE (IN)	INLET SIZE (IN)	MODEL	NOTES
DTG-1	RETURN AIR GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	18x12	16x10	HART AND COOLEY/ 650	BRIGHT WHITE FINISH
DTG-1C	RETURN AIR GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	18x12	16x10	HART AND COOLEY/ 650	BRIGHT WHITE FINISH
DVH-4	28 GAUGE GALVANIZED STEEL. PRE-PAINTED DRYER VENT.	6x7	4Ø	FAMCO DWVP	BACKDRAFT DAMPER/ANGLED HOOD.
EVH-4	28 GAUGE GALVANIZED STEEL. PRE-PAINTED EXHAUST VENT.	6x7	4Ø	FAMCO SDWVP	BACKDRAFT DAMPER/ANGLED HOOD. 1/4 INCH INSECT SCREEN.
EVH-6	28 GAUGE GALVANIZED STEEL. PRE-PAINTED EXHAUST VENT.	8x9	6Ø	FAMCO SDWVP	BACKDRAFT DAMPER/ANGLED HOOD. 1/4 INCH INSECT SCREEN.
FR-3	FLOOR REGISTER, ALL-STEEL CONSTRUCTION, 75% FREE AREA, TOE-OPERATED VALVE CONTROL	10x8	8x6	HART AND COOLEY/ 210	
FR-6	FLOOR REGISTER, ALL-STEEL CONSTRUCTION, 75% FREE AREA, TOE-OPERATED VALVE CONTROL	14x8	12x6	HART AND COOLEY/ 210	GOLDEN SAND ENAMEL FINISH
FRG-1	RETURN AIR FILTER GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	26x10	24x8	HART AND COOLEY/ 265	GOLDEN SAND ENAMEL FINISH
IVH-6	28 GAUGE GALVANIZED STEEL. PRE-PAINTED INTAKE VENT.	8x9	6Ø	FAMCO SWVP	ANGLED HOOD.1/4 INCH INSECT SCREEN.
RG-9C	RETURN AIR GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	26x16	24x14	HART AND COOLEY/ 650	BRIGHT WHITE FINISH
RR-1	STEEL RETURN GRILLE, 3/4" BLADE SPACING, 35 DEGREE DEFLECTION, BLADES PARALLEL TO LONG DIMENSION	8x8	6x6	TITUS 350RL	STEEL OPPOSED-BLADE DAMPER OPERABLE FROM THE FACE OF THE GRILLE.
SDG1W-1	ALUMINUM SINGLE DEFLECTION SPIRAL DIFFUSER	12x5	10x3	HART AND COOLEY/ SV	ADJUSTABLE DAMPER, BRIGHT WHITE FINISH
SR1W-1	STEEL 1-WAY REGISTER, PLATE DAMPER, 1/3" FIN SPACING	10x6	8x4	HART AND COOLEY/ 651	ADJUSTABLE PLATE DAMPER, BRIGHT WHITE FINISH
SR1W-3	STEEL 1-WAY REGISTER, PLATE DAMPER, 1/3" FIN SPACING	10x8	8x6	HART AND COOLEY/ 651	ADJUSTABLE PLATE DAMPER, BRIGHT WHITE FINISH
SR1W-6	STEEL 1-WAY REGISTER, PLATE DAMPER, 1/3" FIN SPACING	16x8	14x6	HART AND COOLEY/ 651	ADJUSTABLE PLATE DAMPER, BRIGHT WHITE FINISH
SR2W-1C	STEEL 2-WAY REGISTER, MS DAMPER, 1/3" FIN SPACING	8x6	6x4	HART AND COOLEY/ 661	ADJUSTABLE DAMPER IN FACE, BRIGH WHITE FINISH

CODE MINIMUM OSA LISTED ABOVE.

- ROUTE 3/4" CONDENSATE DRAIN LINE TO FLOOR DRAIN IN MECHANICAL CLOSET. SLOPE PIPE A MINIMUM OF 1/8 " PER FOOT AWAY FROM UNIT. ROUTE LINE SET FROM OUTDOOR UNIT TO INDOOR AIR HANDLER. ALL PIPING
- SHALL BE CONCEALED IN SHAFTS. SIZE PER MANUFACTURES RECOMMENDATIONS. ALL BASEMENTS SHALL BE VENTILATED AS STORAGE/WAREHOUSE SPACE IN ACCORDANCE WITH TABLE 403.3 OF THE 2017 OHIO MECHANICAL CODE AT A RATE OF 0.06 CFM PER SQUARE FOOT. PROVIDE NEW FAN IN BASEMENT FOR
- I. FRESH AIR INTAKE THRU WALL TO WALL CAP. 5. DUCT EXHAUST UP THROUGH ROOF WITH RAIN-PROOF CAP.
- 6. 4" EXHAUST DUCT TO BE ROUTED DIRECTLY TO ROOF, AS ALLOWED PER 717.6.1 EXCEPTION. DUCT MUST BE MINIMUM 26 GA. AND BE CONTAINED WITHIN WALL CAVITY FOR FULL LENGTH. FIRE CAULK AROUND ALL PENETRATIONS. REFER TO DETAIL.
- 7. 6" EXHAUST TO BE ROUTED DIRECTLY TO ROOF, AS ALLOWED PER OBC 714.4.1 EXCEPTION 1. UNDERCUT DOOR 1" ABOVE FINISHED FLOOR FOR RETURN/ MAKE UP AIR.
- 9. DUCTED RETURN BETWEEN TRANSFER GRILLES TO AVOID EXPOSED WALL
- 0. ROUTE EXHAUST TO EXTERIOR WALL. INSTALL A LOUVERED VENT. SEE ARCHITECT BEFORE PENETRATION FOR EXACT LOCATION AND COLOR COORDINATION. ALL EXHAUST SHALL MEET THE FOLLOWING REQUIREMENTS.
- 10.1. 3' FROM PROPERTY LINE. 10.2. 3' FROM OPERABLE OPENINGS INTO BUILDING.

12. DUCTED RETURN SLEEVE TO AVOID EXPOSED WALL CAVITY.

- 12.3 10' FROM MECHANICAL AIR INTAKE 11. ROUTE 3/4" CONDENSATE DRAIN LINE TO FLOOR DRAIN IN BASEMENT. SLOPE PIPE A MINIMUM OF 1/8 " PER FOOT AWAY FROM UNIT. PROVIDE CONDENSATE PUMP AS REQUIRED.
- 13. ROUTE EXHAUST DUCT UP IN JOIST POCKET. RATING SHALL BE MAINTAINED AROUND JOIST TO PREVENT FIRE DAMPER. REFER TO ARCHITECTURAL PLANS FOR DETAILS.
- 14. RETURN DUCT UP TO FIRST FLOOR. 15. SUPPLY DUCT UP TO FIRST FLOOR.

OWNER/ARCHITECT PRIOR TO PURCHASE.

- 16. FRESH AIR DUCT UP TO FIRST FLOOR. 17. ROUTE 3/4" CONDENSATE DRAIN LINE TO FLOOR DRAIN IN WASHER CLOSET. SLOPE PIPE A MINIMUM OF 1/8 " PER FOOT AWAY FROM UNIT. PROVIDE
- CONDENSATE PUMP AS REQUIRED. 8. MECHANICAL CONTRACTOR TO COORDINATE DUCT ROUTING WITH PLUMBING. 19. MECHANICAL CONTRACTOR TO COORDINATE DUCT ROUTING WITH
- STRUCTURAL. 20. MECHANICAL CONTRACTOR TO PROVIDE AND INSTALL NEW LOUVER, LOUVER SHOULD BE SIZED UNDER 550 FPM. COORDINATE COLOR WITH

MECHANICAL SCOPE OF WORK (PLAN REVIEW ONLY)

MECHANICAL SCOPE OF WORK IS TO PROVIDE NEW HVAC EQUIPMENT TO RESIDENTIAL SPACES. MECHANICAL CONTRACTOR SHALL REFERENCE ALL DISCIPLINE DRAWING, ETC. TO REVEAL FULL SCOPE OF WORK. REFER TO MECHANICAL SPECIFICATIONS FOR ADDITIONAL DETAILS.

HVAC DESIGN CONDITIONS

RESIDENTIAL COOLING
OUTDOOR: 93 DB / 75 WBHEATING
OUTDOOR: 0 DBCOOLING
OUTDOOR: 93 DB / 75 WBHEATING
OUTDOOR: 0 DB INDOOR: 72 INDOOR: 70 INDOOR: 75 INDOOR: 70

GENERAL NOTES

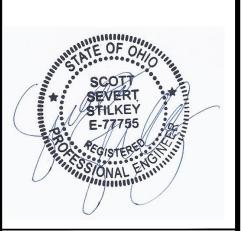
- A. FOR FULL SCHEDULES, SPECIFICATIONS, AND COMPLETE LISTING SEE DETAIL
- B. COORDINATE ROUTING OF ALL WORK WITH OTHER TRADES.
- C. COORDINATE WITH ELECTRICAL CONTRACTOR FOR POWER CONNECTIONS TO ALL MECHANICAL EQUIPMENT.
- D. INSTALL ALL EQUIPMENT PER MANUFACTURER'S REQUIREMENTS. MAINTAIN ALL CODE RECOMMENDED CLEARANCES FOR ACCESS AND MAINTENANCE.
- E. REFER TO ARCHITECTURAL PLANS FOR DIMENSIONS, AND FINAL CEILING DIFFUSER LOCATIONS.
- F. PROVIDE BACKDRAFT DAMPERS FOR ALL EXHAUST SYSTEMS AND EITHER LOUVER, BRICK VENT, OR CAPS AT ALL EXTERIOR BUILDING PENETRATIONS.
- G. IN DWELLING UNITS, ROUTE ALL SUPPLY, RETURN, AND EXHAUST DUCTWORK ABOVE DROP CEILING OR IN BULKHEADS. COORDINATE ROUTING WITH ARCHITECTURAL DRAWINGS. DUCTS SHALL BE RUN BELOW THE RATED FLOOR/CEILING.
- H. ROUTE ALL AIR CONDITIONER CONDENSATE TO NEARBY FLOOR DRAIN. PROVIDE MINIMUM SLOPE OF 1/8 " PER FOOT. SIZE CONDENSATE PER SECTION 307.2.2 OF THE OHIO MECHANICAL CODE.
- MOUNT THERMOSTATS 60" ABOVE FINISHED FLOOR. MOUNT THERMOSTATS IN ADA UNITS 40" ABOVE FINISHED FLOOR.
- . ANY EQUIPMENT THAT IS SUBSTITUTED SHALL FIT IN THE SPACE PROVIDED WITH ADEQUATE ROOM FOR SERVICING, INCLUDING SUBSTITUTE EQUIPMENT NAMED IN THE SPECIFICATIONS. SUBMIT A 1/4" SCALE DRAWING OF ALL EQUIPMENT SUBSTITUTED FOR APPROVAL PRIOR TO INSTALLATION, INCLUDING, BUT NOT LIMITED TO, STRUCTURAL AND ARCHITECTURAL IMPACT, CLEARANCE REQUIREMENTS AND UTILITY REQUIREMENTS. IT IS THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR TO COORDINATE ALL NEW ELECTRICAL AND PLUMBING REQUIREMENTS WITH THE ELECTRICAL AND PLUMBING CONTRACTORS.
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- J. THE FOLLOWING GUIDELINES MUST BE FOLLOWED FOR THE DOMESTIC DRYER
- EXHAUST SYSTEMS. J.A. EXHAUST DUCTS SHALL HAVE A SMOOTH INTERIOR FINISH AND BE
- CONSTRUCTED OF METAL A MINIMUM OF 28 GAGE. J.B. DUCT SIZE SHALL BE 4 INCHES NOMINAL DIAMETER. J.C. DUCTS SHALL BE SUPPORTED AT 4-FOOT INTERVALS AND SECURED IN
- PLACE. THE INSERT END OF THE DUCT SHALL EXTEND INTO THE ADJOINING DUCT OR FITTING IN THE DIRECTION OF AIRFLOW. J.D. DUCTS SHALL NOT BE JOINED WITH SCREWS OF SIMILAR FASTENERS THAT
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- AND BELOW TOP PLATES. J.F. TRANSITION DUCTS USED TO CONNECT THE DRYER TO THE EXHAUST DUCT SYSTEM SHALL BE A SINGLE LENGTH THAT IS LISTED AND LABELED IN ACCORDANCE WITH UL 2158A. TRANSITION DUCTS SHALL BE NOT GREATER THAN 8 FEET IN LENGTH AND SHALL NOT BE CONCEALED WITHIN CONSTRUCTION.

0.062 INCHES, AND EXTEND NOT LESS THAN 2 INCHES ABOVE SOLE PLATES

- J.G. PROVIDE DRYER WALL BOX EQUAL TO DUNDAS JAFINE MODEL DRB4XZW
- NEAR DRYER. J.H. PROVIDE A PERMANENT LABEL OR TAG (EQUAL TO DRYERPLACARD) INDICATING ACTUAL EQUIVALENT LENGTH OF EXHAUST DUCT. LENGTH SHALL INCLUDE 5' FOR 90 . LABEL/TAG MUST BE WITHIN 6' OF DRYER EXHAUST CONNECTION. DRYER EXHAUST DUCT FITTING EQUIVALENT LENGTH SHALL BE 2'-6" FOR A RADIUS MITERED 45-DEGREE ELBOW AND 5 FEET FOR A RADIUS MITERED 90-DEGREE ELBOW.

SYMBOLS L	SYMBOLS LEGEND — HVAC						
(T)	THERMOSTAT						
\boxtimes	CEILING DIFFUSER						
→	SIDE WALL GRILL						
- \\-	RETURN WALL GRILL						
←√ −	AIR FLOW DIRECTION						
14×10	DUCTWORK						
	TYPICAL SUPPLY DUCT DN						
	TYPICAL RETURN DUCT DN						
N.	TYPICAL EXHAUST DUCT						
رده	TURNING VANES						
\boxtimes ~~	FLEXIBLE DUCT, 8'-0" LONG MAX.						
<u> </u>	TYPICAL ROUND DUCT DN						
	ROUND DUCT UP						
	MVD MANUAL VOLUME DAMPER						
	DROPPED CEILING/SOFFIT						





202 **W**

Progress Dates 05/05/2023 BID P/E/FP 08/30/2024 BID SET 2

Revisions

Checked By: SSS

Drawn by: RPG



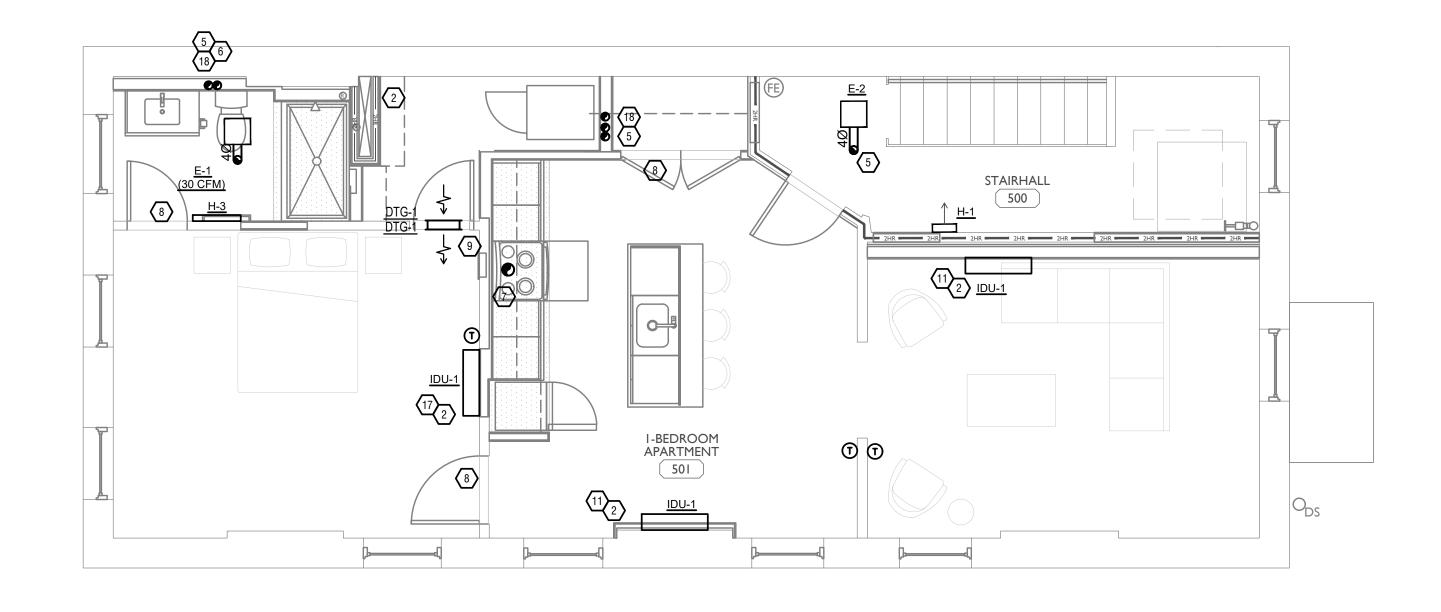
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REPUBLIC 808

CALLOUT	DESCRIPTION	FACE SIZE (IN)	INLET SIZE (IN)	MODEL	NOTES
DTG-1	RETURN AIR GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	18x12	16x10	HART AND COOLEY/ 650	BRIGHT WHITE FINISH
DTG-1C	RETURN AIR GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	18x12	16x10	HART AND COOLEY/ 650	BRIGHT WHITE FINISH
DVH-4	28 GAUGE GALVANIZED STEEL. PRE-PAINTED DRYER VENT.	6x7	4Ø	FAMCO DWVP	BACKDRAFT DAMPER/ANGLED HOOD.
EVH-4	28 GAUGE GALVANIZED STEEL. PRE-PAINTED EXHAUST VENT.	6x7	4Ø	FAMCO SDWVP	BACKDRAFT DAMPER/ANGLED HOOD. 1/4 INCH INSECT SCREEN.
EVH-6	28 GAUGE GALVANIZED STEEL. PRE-PAINTED EXHAUST VENT.	8x9	6Ø	FAMCO SDWVP	BACKDRAFT DAMPER/ANGLED HOOD. 1/4 INCH INSECT SCREEN.
FR-3	FLOOR REGISTER, ALL-STEEL CONSTRUCTION, 75% FREE AREA, TOE-OPERATED VALVE CONTROL	10x8	8x6	HART AND COOLEY/ 210	
FR-6	FLOOR REGISTER, ALL-STEEL CONSTRUCTION, 75% FREE AREA, TOE-OPERATED VALVE CONTROL	14x8	12x6	HART AND COOLEY/ 210	GOLDEN SAND ENAMEL FINISH
FRG-1	RETURN AIR FILTER GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	26x10	24x8	HART AND COOLEY/ 265	GOLDEN SAND ENAMEL FINISH
IVH-6	28 GAUGE GALVANIZED STEEL. PRE-PAINTED INTAKE VENT.	8x9	6Ø	FAMCO SWVP	ANGLED HOOD.1/4 INCH INSECT SCREEN.
RG-9C	RETURN AIR GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	26x16	24x14	HART AND COOLEY/ 650	BRIGHT WHITE FINISH
RR-1	STEEL RETURN GRILLE, 3/4" BLADE SPACING, 35 DEGREE DEFLECTION, BLADES PARALLEL TO LONG DIMENSION	8x8	6x6	TITUS 350RL	STEEL OPPOSED-BLADE DAMPER OPERABLE FROM THE FACE OF THE GRILLE.
SDG1W-1	ALUMINUM SINGLE DEFLECTION SPIRAL DIFFUSER	12x5	10x3	HART AND COOLEY/ SV	ADJUSTABLE DAMPER, BRIGHT WHITE FINISH
SR1W-1	STEEL 1-WAY REGISTER, PLATE DAMPER, 1/3" FIN SPACING	10x6	8x4	HART AND COOLEY/ 651	ADJUSTABLE PLATE DAMPER, BRIGHT WHITE FINISH
SR1W-3	STEEL 1-WAY REGISTER, PLATE DAMPER, 1/3" FIN SPACING	10x8	8x6	HART AND COOLEY/ 651	ADJUSTABLE PLATE DAMPER, BRIGHT WHITE FINISH
SR1W-6	STEEL 1-WAY REGISTER, PLATE DAMPER, 1/3" FIN SPACING	16x8	14x6	HART AND COOLEY/ 651	ADJUSTABLE PLATE DAMPER, BRIGHT WHITE FINISH
SR2W-1C	STEEL 2-WAY REGISTER, MS DAMPER, 1/3" FIN SPACING	8x6	6x4	HART AND COOLEY/ 661	ADJUSTABLE DAMPER IN FACE, BRIGHT WHITE FINISH
SR2W-3	STEEL 2-WAY REGISTER, MS DAMPER, 1/3" FIN SPACING	16x6	14x4	HART AND COOLEY/ 661	ADJUSTABLE DAMPER IN FACE, BRIGHT WHITE FINISH



- ROUTE 3/4" CONDENSATE DRAIN LINE TO FLOOR DRAIN IN MECHANICAL CLOSET. SLOPE PIPE A MINIMUM OF 1/8 " PER FOOT AWAY FROM UNIT.
- . ROUTE LINE SET FROM OUTDOOR UNIT TO INDOOR AIR HANDLER. ALL PIPING SHALL BE CONCEALED IN SHAFTS. SIZE PER MANUFACTURES RECOMMENDATIONS. ALL BASEMENTS SHALL BE VENTILATED AS STORAGE/WAREHOUSE SPACE IN ACCORDANCE WITH TABLE 403.3 OF THE 2017 OHIO MECHANICAL CODE AT A
- RATE OF 0.06 CFM PER SQUARE FOOT. PROVIDE NEW FAN IN BASEMENT FOR CODE MINIMUM OSA LISTED ABOVE.
- 4. FRESH AIR INTAKE THRU WALL TO WALL CAP. 5. DUCT EXHAUST UP THROUGH ROOF WITH RAIN-PROOF CAP.
- 6. 4" EXHAUST DUCT TO BE ROUTED DIRECTLY TO ROOF, AS ALLOWED PER 717.6.1 EXCEPTION. DUCT MUST BE MINIMUM 26 GA. AND BE CONTAINED WITHIN WALL CAVITY FOR FULL LENGTH. FIRE CAULK AROUND ALL PENETRATIONS. REFER TO DETAIL.
- 7. 6" EXHAUST TO BE ROUTED DIRECTLY TO ROOF, AS ALLOWED PER OBC 714.4.1 EXCEPTION 1. UNDERCUT DOOR 1" ABOVE FINISHED FLOOR FOR RETURN/ MAKE UP AIR.
- 9. DUCTED RETURN BETWEEN TRANSFER GRILLES TO AVOID EXPOSED WALL
- 0. ROUTE EXHAUST TO EXTERIOR WALL. INSTALL A LOUVERED VENT. SEE ARCHITECT BEFORE PENETRATION FOR EXACT LOCATION AND COLOR COORDINATION. ALL EXHAUST SHALL MEET THE FOLLOWING REQUIREMENTS.
- 10.1. 3' FROM PROPERTY LINE. 10.2. 3' FROM OPERABLE OPENINGS INTO BUILDING.

12. DUCTED RETURN SLEEVE TO AVOID EXPOSED WALL CAVITY.

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- CONDENSATE PUMP AS REQUIRED. 18. MECHANICAL CONTRACTOR TO COORDINATE DUCT ROUTING WITH PLUMBING. 19. MECHANICAL CONTRACTOR TO COORDINATE DUCT ROUTING WITH STRUCTURAL.
- 20. MECHANICAL CONTRACTOR TO PROVIDE AND INSTALL NEW LOUVER. LOUVER SHOULD BE SIZED UNDER 550 FPM. COORDINATE COLOR WITH OWNER/ARCHITECT PRIOR TO PURCHASE.

MECHANICAL SCOPE OF WORK IS TO PROVIDE NEW HVAC EQUIPMENT TO RESIDENTIAL SPACES. MECHANICAL CONTRACTOR SHALL REFERENCE ALL DISCIPLINE DRAWING, ETC. TO REVEAL FULL SCOPE OF WORK. REFER TO MECHANICAL SPECIFICATIONS FOR ADDITIONAL DETAILS.

HVAC DESIGN CONDITIONS

COOLING
OUTDOOR: 93 DB / 75 WBHEATING
OUTDOOR: 0 DBCOOLING
OUTDOOR: 93 DB / 75 WBHEATING
OUTDOOR: 0 DB INDOOR: 72 INDOOR: 70 INDOOR: 75 INDOOR: 70

GENERAL NOTES

DIFFUSER LOCATIONS.

- A. FOR FULL SCHEDULES, SPECIFICATIONS, AND COMPLETE LISTING SEE DETAIL
- B. COORDINATE ROUTING OF ALL WORK WITH OTHER TRADES.
- C. COORDINATE WITH ELECTRICAL CONTRACTOR FOR POWER CONNECTIONS TO ALL MECHANICAL EQUIPMENT.
- D. INSTALL ALL EQUIPMENT PER MANUFACTURER'S REQUIREMENTS. MAINTAIN ALL
- CODE RECOMMENDED CLEARANCES FOR ACCESS AND MAINTENANCE. E. REFER TO ARCHITECTURAL PLANS FOR DIMENSIONS, AND FINAL CEILING
- F. PROVIDE BACKDRAFT DAMPERS FOR ALL EXHAUST SYSTEMS AND EITHER LOUVER, BRICK VENT, OR CAPS AT ALL EXTERIOR BUILDING PENETRATIONS.
- G. IN DWELLING UNITS, ROUTE ALL SUPPLY, RETURN, AND EXHAUST DUCTWORK ABOVE DROP CEILING OR IN BULKHEADS. COORDINATE ROUTING WITH ARCHITECTURAL DRAWINGS. DUCTS SHALL BE RUN BELOW THE RATED
- H. ROUTE ALL AIR CONDITIONER CONDENSATE TO NEARBY FLOOR DRAIN. PROVIDE MINIMUM SLOPE OF 1/8 " PER FOOT. SIZE CONDENSATE PER SECTION 307.2.2 OF THE OHIO MECHANICAL CODE.
- MOUNT THERMOSTATS 60" ABOVE FINISHED FLOOR. MOUNT THERMOSTATS IN ADA UNITS 40" ABOVE FINISHED FLOOR.
- . ANY EQUIPMENT THAT IS SUBSTITUTED SHALL FIT IN THE SPACE PROVIDED WITH ADEQUATE ROOM FOR SERVICING, INCLUDING SUBSTITUTE EQUIPMENT NAMED IN THE SPECIFICATIONS. SUBMIT A 1/4" SCALE DRAWING OF ALL EQUIPMENT SUBSTITUTED FOR APPROVAL PRIOR TO INSTALLATION, INCLUDING, BUT NOT LIMITED TO, STRUCTURAL AND ARCHITECTURAL IMPACT, CLEARANCE REQUIREMENTS AND UTILITY REQUIREMENTS. IT IS THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR TO COORDINATE ALL NEW ELECTRICAL AND PLUMBING REQUIREMENTS WITH THE ELECTRICAL AND PLUMBING CONTRACTORS.
- K. MATERIALS WITHIN PLENUMS SHALL BE NONCOMBUSTIBLE OR SHALL BE LISTED AND LABLED AS HAVING A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND SMOKE-DEVELOPED INDEX OF NOT MORE THAN 50 WHEN TESTED IN ACCORDANCE WITH ASTM E 84 OR UL 723.
- J. THE FOLLOWING GUIDELINES MUST BE FOLLOWED FOR THE DOMESTIC DRYER EXHAUST SYSTEMS.
- J.A. EXHAUST DUCTS SHALL HAVE A SMOOTH INTERIOR FINISH AND BE CONSTRUCTED OF METAL A MINIMUM OF 28 GAGE.
- J.B. DUCT SIZE SHALL BE 4 INCHES NOMINAL DIAMETER. J.C. DUCTS SHALL BE SUPPORTED AT 4-FOOT INTERVALS AND SECURED IN PLACE. THE INSERT END OF THE DUCT SHALL EXTEND INTO THE ADJOINING
- DUCT OR FITTING IN THE DIRECTION OF AIRFLOW. J.D. DUCTS SHALL NOT BE JOINED WITH SCREWS OF SIMILAR FASTENERS THAT
- PROTRUDE MORE THAN \$\frac{1}{8} INCH INTO THE INSIDE OF THE DUCT. J.E. PROTECTIVE SHIELD PLATES SHALL BE PLACED WHERE NAILS OR SCREWS FROM FINISH OR OTHER WORK ARE LIKELY TO PENETRATE THE CLOTHES DRYER EXHAUST DUCT.SHIELD PLATES SHALL BE PLACED ON THE FINISHED FACE OF ALL FRAMING MEMBERS WHERE THERE IS LESS THAN 1-1/4 INCHES BETWEEN THE DUCT AND THE FINISHED FACE OF THE FRAMING MEMBER SHIELD PLATES SHALL BE CONSTRUCTED OF STEEL, HAVE A THICKNESS OF 0.062 INCHES, AND EXTEND NOT LESS THAN 2 INCHES ABOVE SOLE PLATES
- AND BELOW TOP PLATES. J.F. TRANSITION DUCTS USED TO CONNECT THE DRYER TO THE EXHAUST DUCT SYSTEM SHALL BE A SINGLE LENGTH THAT IS LISTED AND LABELED IN ACCORDANCE WITH UL 2158A. TRANSITION DUCTS SHALL BE NOT GREATER THAN 8 FEET IN LENGTH AND SHALL NOT BE CONCEALED WITHIN CONSTRUCTION.
- J.G. PROVIDE DRYER WALL BOX EQUAL TO DUNDAS JAFINE MODEL DRB4XZW
- NEAR DRYER. J.H. PROVIDE A PERMANENT LABEL OR TAG (EQUAL TO DRYERPLACARD) INDICATING ACTUAL EQUIVALENT LENGTH OF EXHAUST DUCT. LENGTH SHALL INCLUDE 5' FOR 90 . LABEL/TAG MUST BE WITHIN 6' OF DRYER EXHAUST CONNECTION. DRYER EXHAUST DUCT FITTING EQUIVALENT LENGTH SHALL BE 2'-6" FOR A RADIUS MITERED 45-DEGREE ELBOW AND 5 FEET FOR A RADIUS MITERED 90-DEGREE ELBOW.

SYMBOLS LI	EGEND — HVAC
Ū	THERMOSTAT
\boxtimes	CEILING DIFFUSER
→	SIDE WALL GRILL
- -\-	RETURN WALL GRILL
← √-	AIR FLOW DIRECTION
14×10	DUCTWORK
\boxtimes	TYPICAL SUPPLY DUCT DN
	TYPICAL RETURN DUCT DN
N.	TYPICAL EXHAUST DUCT
ررر	TURNING VANES
$\boxtimes \sim$	FLEXIBLE DUCT, 8'-0" LONG MAX.
0	TYPICAL ROUND DUCT DN
	ROUND DUCT UP
	MVD MANUAL VOLUME DAMPER
	DROPPED CEILING/SOFFIT



MECHANICAL SCOPE OF WORK (PLAN REVIEW ONLY)

STILKEY E-77755

Progress Dates 05/05/2023 BID P/E/FP 08/30/2024 BID SET 2

Checked By: SSS

Drawn by: RPG



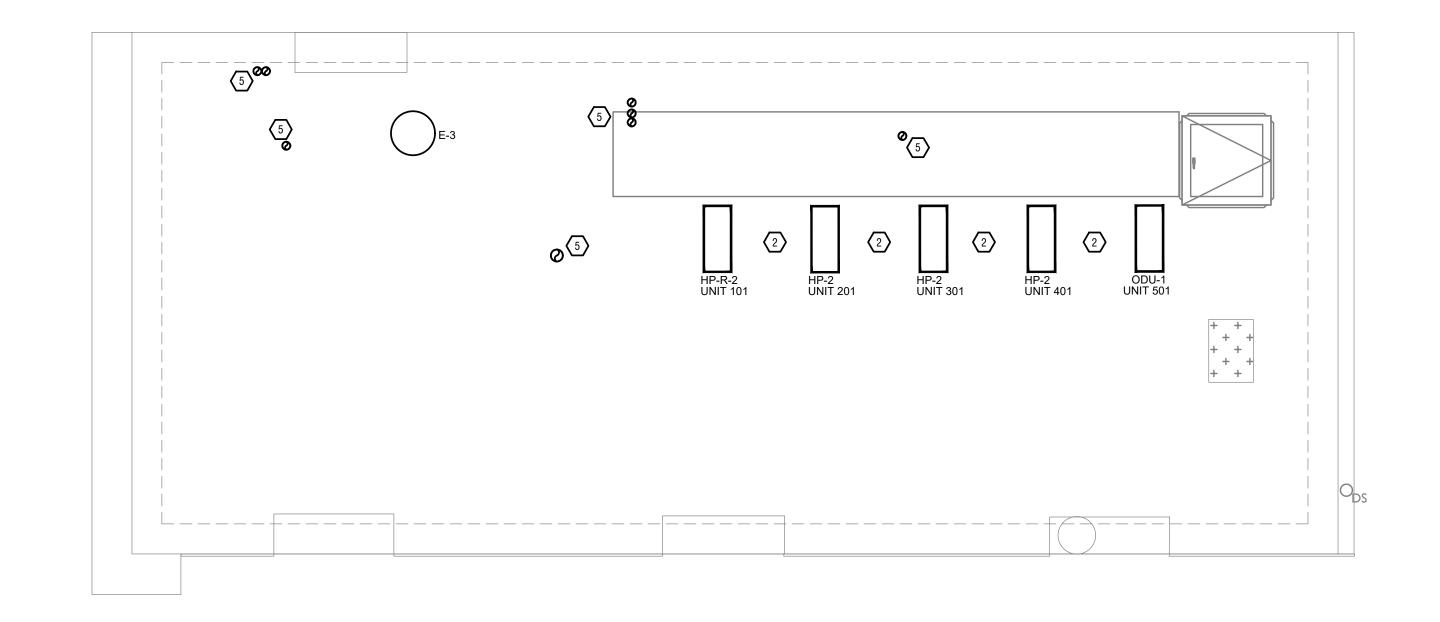
TEAMWORK • COLLABORATION SHARED SUCCESS 515 Monmouth Street, Suite 204 Newport, KY 41071 (859) 261-0585 MEP Consulting Services, Inc. in OH

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CALLOUT	DESCRIPTION	FACE SIZE (IN)	INLET SIZE (IN)	MODEL	NOTES
DTG-1	RETURN AIR GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	18x12	16x10	HART AND COOLEY/ 650	BRIGHT WHITE FINISH
DTG-1C	RETURN AIR GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	18x12	16x10	HART AND COOLEY/ 650	BRIGHT WHITE FINISH
DVH-4	28 GAUGE GALVANIZED STEEL. PRE-PAINTED DRYER VENT.	6x7	4Ø	FAMCO DWVP	BACKDRAFT DAMPER/ANGLED HOOD.
EVH-4	28 GAUGE GALVANIZED STEEL. PRE-PAINTED EXHAUST VENT.	6x7	4Ø	FAMCO SDWVP	BACKDRAFT DAMPER/ANGLED HOOD. 1/4 INCH INSECT SCREEN.
EVH-6	28 GAUGE GALVANIZED STEEL. PRE-PAINTED EXHAUST VENT.	8x9	6Ø	FAMCO SDWVP	BACKDRAFT DAMPER/ANGLED HOOD. 1/4 INCH INSECT SCREEN.
FR-3	FLOOR REGISTER, ALL-STEEL CONSTRUCTION, 75% FREE AREA, TOE-OPERATED VALVE CONTROL	10x8	8x6	HART AND COOLEY/ 210	
FR-6	FLOOR REGISTER, ALL-STEEL CONSTRUCTION, 75% FREE AREA, TOE-OPERATED VALVE CONTROL	14x8	12x6	HART AND COOLEY/ 210	GOLDEN SAND ENAMEL FINISH
FRG-1	RETURN AIR FILTER GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	26x10	24x8	HART AND COOLEY/ 265	GOLDEN SAND ENAMEL FINISH
IVH-6	28 GAUGE GALVANIZED STEEL. PRE-PAINTED INTAKE VENT.	8x9	6Ø	FAMCO SWVP	ANGLED HOOD.1/4 INCH INSECT SCREEN.
RG-9C	RETURN AIR GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	26x16	24x14	HART AND COOLEY/ 650	BRIGHT WHITE FINISH
RR-1	STEEL RETURN GRILLE, 3/4" BLADE SPACING, 35 DEGREE DEFLECTION, BLADES PARALLEL TO LONG DIMENSION	8x8	6x6	TITUS 350RL	STEEL OPPOSED-BLADE DAMPER OPERABLE FROM THE FACE OF THE GRILLE.
SDG1W-1	ALUMINUM SINGLE DEFLECTION SPIRAL DIFFUSER	12x5	10x3	HART AND COOLEY/ SV	ADJUSTABLE DAMPER, BRIGHT WHITE FINISH
SR1W-1	STEEL 1-WAY REGISTER, PLATE DAMPER, 1/3" FIN SPACING	10x6	8x4	HART AND COOLEY/ 651	ADJUSTABLE PLATE DAMPER, BRIGHT WHITE FINISH
SR1W-3	STEEL 1-WAY REGISTER, PLATE DAMPER, 1/3" FIN SPACING	10x8	8x6	HART AND COOLEY/ 651	ADJUSTABLE PLATE DAMPER, BRIGHT WHITE FINISH
SR1W-6	STEEL 1-WAY REGISTER, PLATE DAMPER, 1/3" FIN SPACING	16x8	14x6	HART AND COOLEY/ 651	ADJUSTABLE PLATE DAMPER, BRIGHT WHITE FINISH
SR2W-1C	STEEL 2-WAY REGISTER, MS DAMPER, 1/3" FIN SPACING	8x6	6x4	HART AND COOLEY/ 661	ADJUSTABLE DAMPER IN FACE, BRIGHT WHITE FINISH
SR2W-3	STEEL 2-WAY REGISTER, MS DAMPER, 1/3" FIN SPACING	16x6	14x4	HART AND COOLEY/ 661	ADJUSTABLE DAMPER IN FACE, BRIGHT WHITE FINISH



- ROUTE 3/4" CONDENSATE DRAIN LINE TO FLOOR DRAIN IN MECHANICAL
- . ROUTE LINE SET FROM OUTDOOR UNIT TO INDOOR AIR HANDLER. ALL PIPING SHALL BE CONCEALED IN SHAFTS. SIZE PER MANUFACTURES RECOMMENDATIONS.
- RATE OF 0.06 CFM PER SQUARE FOOT. PROVIDE NEW FAN IN BASEMENT FOR CODE MINIMUM OSA LISTED ABOVE.
- 6. 4" EXHAUST DUCT TO BE ROUTED DIRECTLY TO ROOF, AS ALLOWED PER
- 7. 6" EXHAUST TO BE ROUTED DIRECTLY TO ROOF, AS ALLOWED PER OBC 714.4.1 EXCEPTION 1. UNDERCUT DOOR 1" ABOVE FINISHED FLOOR FOR RETURN/ MAKE UP AIR.
- 9. DUCTED RETURN BETWEEN TRANSFER GRILLES TO AVOID EXPOSED WALL
- ARCHITECT BEFORE PENETRATION FOR EXACT LOCATION AND COLOR COORDINATION. ALL EXHAUST SHALL MEET THE FOLLOWING REQUIREMENTS.
- 10.2. 3' FROM OPERABLE OPENINGS INTO BUILDING.
- 11. ROUTE 3/4" CONDENSATE DRAIN LINE TO FLOOR DRAIN IN BASEMENT. SLOPE PIPE A MINIMUM OF 1/8 " PER FOOT AWAY FROM UNIT. PROVIDE CONDENSATE PUMP AS REQUIRED.
- 13. ROUTE EXHAUST DUCT UP IN JOIST POCKET. RATING SHALL BE MAINTAINED AROUND JOIST TO PREVENT FIRE DAMPER. REFER TO ARCHITECTURAL PLANS
- FOR DETAILS. 14. RETURN DUCT UP TO FIRST FLOOR.
- 15. SUPPLY DUCT UP TO FIRST FLOOR. 16. FRESH AIR DUCT UP TO FIRST FLOOR.
- 17. ROUTE 3/4" CONDENSATE DRAIN LINE TO FLOOR DRAIN IN WASHER CLOSET. SLOPE PIPE A MINIMUM OF 1/8 " PER FOOT AWAY FROM UNIT. PROVIDE CONDENSATE PUMP AS REQUIRED.
- SHOULD BE SIZED UNDER 550 FPM. COORDINATE COLOR WITH OWNER/ARCHITECT PRIOR TO PURCHASE.

- CLOSET. SLOPE PIPE A MINIMUM OF 1/8 " PER FOOT AWAY FROM UNIT.
- ALL BASEMENTS SHALL BE VENTILATED AS STORAGE/WAREHOUSE SPACE IN ACCORDANCE WITH TABLE 403.3 OF THE 2017 OHIO MECHANICAL CODE AT A
- 4. FRESH AIR INTAKE THRU WALL TO WALL CAP. 5. DUCT EXHAUST UP THROUGH ROOF WITH RAIN-PROOF CAP.
- 717.6.1 EXCEPTION. DUCT MUST BE MINIMUM 26 GA. AND BE CONTAINED WITHIN WALL CAVITY FOR FULL LENGTH. FIRE CAULK AROUND ALL PENETRATIONS. REFER TO DETAIL.
- 0. ROUTE EXHAUST TO EXTERIOR WALL. INSTALL A LOUVERED VENT. SEE
- 10.1. 3' FROM PROPERTY LINE.
- 12.3 10' FROM MECHANICAL AIR INTAKE
- 12. DUCTED RETURN SLEEVE TO AVOID EXPOSED WALL CAVITY.

- 18. MECHANICAL CONTRACTOR TO COORDINATE DUCT ROUTING WITH PLUMBING. 19. MECHANICAL CONTRACTOR TO COORDINATE DUCT ROUTING WITH STRUCTURAL.
- 20. MECHANICAL CONTRACTOR TO PROVIDE AND INSTALL NEW LOUVER. LOUVER

MECHANICAL SCOPE OF WORK IS TO PROVIDE NEW HVAC EQUIPMENT TO RESIDENTIAL SPACES. MECHANICAL CONTRACTOR SHALL REFERENCE ALL DISCIPLINE DRAWING, ETC. TO REVEAL FULL SCOPE OF WORK. REFER TO MECHANICAL SPECIFICATIONS FOR ADDITIONAL DETAILS.

HVAC DESIGN CONDITIONS

COOLING
OUTDOOR: 93 DB / 75 WBHEATING
OUTDOOR: 0 DBCOOLING
OUTDOOR: 93 DB / 75 WBHEATING
OUTDOOR: 0 DB INDOOR: 70 INDOOR: 75 INDOOR: 72 INDOOR: 70

GENERAL NOTES

- A. FOR FULL SCHEDULES, SPECIFICATIONS, AND COMPLETE LISTING SEE DETAIL
- B. COORDINATE ROUTING OF ALL WORK WITH OTHER TRADES.
- C. COORDINATE WITH ELECTRICAL CONTRACTOR FOR POWER CONNECTIONS TO ALL MECHANICAL EQUIPMENT.
- D. INSTALL ALL EQUIPMENT PER MANUFACTURER'S REQUIREMENTS. MAINTAIN ALL
- CODE RECOMMENDED CLEARANCES FOR ACCESS AND MAINTENANCE. E. REFER TO ARCHITECTURAL PLANS FOR DIMENSIONS, AND FINAL CEILING
- DIFFUSER LOCATIONS. F. PROVIDE BACKDRAFT DAMPERS FOR ALL EXHAUST SYSTEMS AND EITHER
- LOUVER, BRICK VENT, OR CAPS AT ALL EXTERIOR BUILDING PENETRATIONS.
- G. IN DWELLING UNITS, ROUTE ALL SUPPLY, RETURN, AND EXHAUST DUCTWORK ABOVE DROP CEILING OR IN BULKHEADS. COORDINATE ROUTING WITH ARCHITECTURAL DRAWINGS. DUCTS SHALL BE RUN BELOW THE RATED
- H. ROUTE ALL AIR CONDITIONER CONDENSATE TO NEARBY FLOOR DRAIN. PROVIDE MINIMUM SLOPE OF 1/8 " PER FOOT. SIZE CONDENSATE PER SECTION 307.2.2 OF THE OHIO MECHANICAL CODE.
- MOUNT THERMOSTATS 60" ABOVE FINISHED FLOOR. MOUNT THERMOSTATS IN ADA UNITS 40" ABOVE FINISHED FLOOR.
- ANY EQUIPMENT THAT IS SUBSTITUTED SHALL FIT IN THE SPACE PROVIDED WITH ADEQUATE ROOM FOR SERVICING, INCLUDING SUBSTITUTE EQUIPMENT NAMED IN THE SPECIFICATIONS. SUBMIT A 1/4" SCALE DRAWING OF ALL EQUIPMENT SUBSTITUTED FOR APPROVAL PRIOR TO INSTALLATION, INCLUDING, BUT NOT LIMITED TO, STRUCTURAL AND ARCHITECTURAL IMPACT, CLEARANCE REQUIREMENTS AND UTILITY REQUIREMENTS. IT IS THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR TO COORDINATE ALL NEW ELECTRICAL AND PLUMBING REQUIREMENTS WITH THE ELECTRICAL AND PLUMBING
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- J.B. DUCT SIZE SHALL BE 4 INCHES NOMINAL DIAMETER. J.C. DUCTS SHALL BE SUPPORTED AT 4-FOOT INTERVALS AND SECURED IN PLACE. THE INSERT END OF THE DUCT SHALL EXTEND INTO THE ADJOINING
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- PROTRUDE MORE THAN \$\frac{1}{8}\$ INCH INTO THE INSIDE OF THE DUCT. J.E. PROTECTIVE SHIELD PLATES SHALL BE PLACED WHERE NAILS OR SCREWS FROM FINISH OR OTHER WORK ARE LIKELY TO PENETRATE THE CLOTHES DRYER EXHAUST DUCT.SHIELD PLATES SHALL BE PLACED ON THE FINISHED FACE OF ALL FRAMING MEMBERS WHERE THERE IS LESS THAN 1-1/4 INCHES BETWEEN THE DUCT AND THE FINISHED FACE OF THE FRAMING MEMBER SHIELD PLATES SHALL BE CONSTRUCTED OF STEEL, HAVE A THICKNESS OF 0.062 INCHES, AND EXTEND NOT LESS THAN 2 INCHES ABOVE SOLE PLATES
- AND BELOW TOP PLATES. J.F. TRANSITION DUCTS USED TO CONNECT THE DRYER TO THE EXHAUST DUCT SYSTEM SHALL BE A SINGLE LENGTH THAT IS LISTED AND LABELED IN ACCORDANCE WITH UL 2158A. TRANSITION DUCTS SHALL BE NOT GREATER THAN 8 FEET IN LENGTH AND SHALL NOT BE CONCEALED WITHIN CONSTRUCTION.
- J.G. PROVIDE DRYER WALL BOX EQUAL TO DUNDAS JAFINE MODEL DRB4XZW
- NEAR DRYER. J.H. PROVIDE A PERMANENT LABEL OR TAG (EQUAL TO DRYERPLACARD) INDICATING ACTUAL EQUIVALENT LENGTH OF EXHAUST DUCT. LENGTH SHALL INCLUDE 5' FOR 90 . LABEL/TAG MUST BE WITHIN 6' OF DRYER EXHAUST CONNECTION. DRYER EXHAUST DUCT FITTING EQUIVALENT LENGTH SHALL BE 2'-6" FOR A RADIUS MITERED 45-DEGREE ELBOW AND 5 FEET FOR A RADIUS MITERED 90-DEGREE ELBOW.

SYMBOLS LI	EGEND — HVAC
T	THERMOSTAT
\boxtimes	CEILING DIFFUSER
→	SIDE WALL GRILL
«\- «\-	RETURN WALL GRILL
← √—	AIR FLOW DIRECTION
14x10	DUCTWORK
\boxtimes	TYPICAL SUPPLY DUCT DN
	TYPICAL RETURN DUCT DN
N N	TYPICAL EXHAUST DUCT
ررد	TURNING VANES
	FLEXIBLE DUCT, 8'-0" LONG MAX.
Ø_	TYPICAL ROUND DUCT DN
	ROUND DUCT UP
	MVD MANUAL VOLUME DAMPER
	DROPPED CEILING/SOFFIT
,	



MECHANICAL SCOPE OF WORK (PLAN REVIEW ONLY)

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STILKEY

E-77755

Progress Dates 05/05/2023 BID P/E/FP

08/30/2024 BID SET 2

/<u>|\</u>07/07/2023 | ADDENDUM |

Checked By: SSS



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System	Outdoor Unit Tag	Model	Volts	Phase	MCA 208 Amps	MOCP Amps	Outdoor Unit Weight Ib	Indoor Unit Tag	Indoor Coil	ESP	Air Flow CFM cfm	Cool Cap Total Btuh	-		EER 2	Htg Cap 47 deg Btuh	Htg Cap 17 deg Btuh	HSPF 2	Elec Heat Model	Elec Heat KW KW	Elec Heat KW (208) KW	208 MCA Amps	230 MCA Amps	MOCP 208 Amps	MOCP 230 Amps	Indoor Unit Weight Ib	Notes
2 Ton 10KW	HP-R-2	N4H5S24AKAAA	208/230	1	14.5	25	159	AHU-R-2 (10KW)	FJMA4X24	0.50	876	23600	18690	15.2	12.5	23600	14400	7.5	EHC10BKB1	10	7.5	53.8	58.5	60	60	135	1-6

1 Adjustable Support Feet 2 Hard Start Kit (Capacitor and Relay 3 Crankcase Heater for Scroll Compressor 4 Low Ambient Isolation Relay Kit

	INDOOR SPLIT SYSTEM SCHEDULE													
TAG	AREA SERVED	MANUFACTURER	MODEL	COOLING CAPACITY BTH/H	HEATING CAPACITY BTH/H	CFM	ESP	VOLT/PHASE	AMPS	WEIGHT	NOTE			
IDU-1	REFER TO DRAWINGS	LG	LMN079HVT	7,000	8,100	254/204/148	-	208-230/1	0.4	19	1			
1. WIRED REI	WIRED REMOTE CONTROLLER PREMTA200 (7-DAY PROGRAMMABLE)													

GENERAL NOTES

ALLOWED BY OBC 717.6.1, EXCEPTION. A DUCT IS PERMITTED TO PENETRATE THREE FLOORS OR LESS WITHOUT A FIRE DAMPER AT EACH FLOOR, PROVIDED

THE DUCT SHALL BE CONTAINED AND LOCATED WITHIN THE CAVITY OF A WALL AND SHALL BE CONSTRUCTED OF STEEL HAVING A MINIMUM

WALL THICKNESS OF 0.0187 INCHES (NO. 26

THE DUCT SHALL OPEN INTO ONLY ONE
DWELLING OR SLEEPING UNIT AND THE DUCT
SYSTEM SHALL BE CONTINUOUS FROM THE UNIT
TO THE EXTERIOR OF THE BUILDING.

THE DUCT SHALL NOT EXCEED 4-INCH NOMINA

THE ANNULAR SPACE AROUND THE DUCT IS PROTECTED WITH MATERIALS THAT PREVENTHE PASSAGE OF FLAME AND HOT GASES

OF WATER AT THE LOCATION OF THE

DUCTS SHALL NOT EXCEED 100 SQUARE INCHES

SUFFICIENT TO IGNITE COTTON WASTE WHERE SUBJECTED TO ASTM E 119 OR UL 263 TIME

TEMPERATURE CONDITIONS UNDER A MINIMUM

PENETRATION FOR THE TIME PERIOD
EQUIVALENT TO THE FIRE-RESISTANCE RATING OF THE CONSTRUCTION PENETRATED.
GRILLE OPENINGS LOCATED IN A CEILING OF A

FIRE-RESISTANCE-RATED FLOOR/CEILING OR

DUCT INSULATION SCHEDULE

N/A

N/A

DUCT INSULATION REQUIREMENTS ARE BASED ON

TABLE 6.8.2B OF ASHRAE 90.1 2010 ENERGY CODE.

PROVIDE DUCTWORK OF SUFFICIENT THICKNESS

TO MEET THE INSTALLED R-VALUE REQUIREMENTS

ITEMS NOT REQUIRED TO BE INSULATED: FIBROUS-

CONTROL DEVICES, FACTORY-INSULATED ACCESS

GLASS DUCTS, DUCTS WITH LINER THAT MEETS ASHRAE 90.1, FACTORY-INSULATED FLEXIBLE

DUCTS, FACTORY-INSULATED PLENUMS AND

CASINGS, FLEX CONNECTORS, VIBRATION-

R-3.5

R-3.5

LISTED ABOVE.

AIR DISTRIBUTION TYPE

RA ADDITIONAL NOTES

WITH A LISTED CEILING RADIATION DAMPER INSTALLED IN ACCORDANCE WITH SECTION 717.6.2.1. (NOT APPLICABLE)

	OUTDOOR MINI SPLIT SYSTEM SCHEDULE														
TAG	AREA SERVED	MANUFACTURER	MODEL	CLG-MBH	NOMINAL TONS	MIN SEER	HEAT-MBH	COOLING OPERATING RANGE (F)	HEATING OPERATING RANGE (F)	VOLT/PHASE	MCA	MOCP	REFRIGERANT	WEIGHT	NOTES
ODU-1	REFER TO DRAWINGS	LG	LMU240HHV	24	2	20.5	26	14~118	-13~75	208-230/1	19	30	R410A	152	1-3

4" MAXIMUM

DUCT PENETRATION THROUGH RATED FLOOR

SCALE: NTS

DIAMER DU

1. PROVIDE ADJUSTABLE EQUIPMENT SUPPORTS

2. LOW AMBIENT WIND BAFFLE 3. PROVIDE/INSTALL PRE-FABRICATED HONEYWELL JACKETED METAL CLAD MINI-SPLIT CABLE FOR INDOOR/OUTDOOR UNIT CONNECTION

INTERIOR

PARTITION-

FLOOR CEILING-

ASTME E 119 OR UL 26 TESTED FIRE CAULKING

> INTERIOR WALL PARTITION -

RESIDENTIAL UNITS	: MECHAN	IICAL VEN	ITILATION CAL	CULATION
SCHEDULE * (A	ASHRAE 6	2.2 LEED	PURPOSES C	NLY)
		NUMBER		ACTUAL
UNIT	AREA (SQ.	OF	VENT. AIR REQ.	WHOLE
UNII	FT.)	BEDROOM	Qfan (Eq. 4.1a)	BUILDING
		S		VENTILATION
101	689	1	22	30
201	735	1	22	30
301	735	1	22	30
401	735	1	22	30
501	750	1	23	30

COMMON AREAS:MECH	ANICAL VEN	TILATION CAL	CULATION	BA	THROOM FAN SPEED	SETTING SCH	EDULE
SCHEDULE * (ASHR	RAE 62.1 LEE	PURPOSES	ONLY)	TYPICAL	ROOMNAME	MINIMUM SPEED	MAXIMUM SPE
			,	UNIT	1001011 V UVIE	SETTING	SETTING
		VENT. AIR REQ.	ACTUAL WHOLE	101	BATHROOM	30	80
UNIT	AREA (SQ. FT.)	CFM	BUILDING	201	BATHROOM	30	80
		O1 1VI	VENTILATION	301	BATHROOM	30	80
ENTRY/STAIRWELL/CORRIDOR	738	44	50	401	BATHROOM	30	80
				501	BATHROOM	30	80
		E 4 4 1 0 0 1					

TAG TYPE AREA SERVED MANUFACTURER MODE	DRME	CFM	ESP	MCA	MOCP	WATTS	RPM	VOLT/PHASE	MOUNTING	WEIGHT	NOTES
E-1 EXHAUST TYPICAL PANASONIC FV-0511\	KS2 DIRECT	Г 30-80	0.25	-	-	17	1131	115/60/1	CEILING	12	1,2,3,4
E-2 EXHAUST STAIRWELL PANASONIC FV-05-11	KS2 DIRECT	Г 50	0.25	-	-	17	1131	115/60/1	CEILING	12	2,3,4,5
E-3 EXHAUST REFER TO DRAWINGS GREENHECK G-090-	G DIRECT	Г 600	0.25	1.9	15	-	1131	115/60/1	CEILING	28	6

1. FAN SHALL RUN CONTINUOUSLY AT LOW SPEED (30 CFM) AND SHALL RAMP UP TO HIGH SPEED (80 CFM) WHEN SWITCH IS TURNED ON. PROVIDE ALL RELEVANT ACCESSORIES.

2. INSTALL RADIATION DAMPER PC-RD05C5 3. PROVIDE FV-CSVK1 CONDESNSATION SENSOR 4. REFER TO FAN SPEED SCHEDULE FOR FAN SPEED SETTINGS

5. FAN SHALL RUN CONTINUOUSLY AT LOW SPEED (50 CFM) 6. FAN SHALL RUN CONTINUOUSLY.

MECHANICAL EXHAUST SCHEDULE - 2017 OHIO MECHANICAL CODE

						FIXT	URES		TOTAL	TOTAL
ROOM NUMBER/UNIT TYPICAL	ROOMNAME	OCCUPANCY CLASSIFICATION	AREA (ft2)	EXHAUST AIRFLOW RATE (CFWft2)	EXHAUST RATE PER FIXTURE (CFM)	LOWER CONTINUOUS RATE?	HIGHER INTERMITTENT RATE?	QTY. OF FIXTURES	EXHAUST	EXHAUST
	BATHROOM	PRIVATE DWELLING - TOILET ROOMS	-	-	30/80	YES	NO	1	30	30
*EXHAUST CALCULA	TIONS PER OMC 2017 TABLE 403.3	3.1.1	•							

NATURAL VENTILATION SCHEDULE 1808 REPUBLIC/1810 REPUBLIC OPENABLE OPENABLE UNOBSTRUCED OPENABLE ROOM NAME FLOOR AREA | FLOOR AREA | OPENING AREA [SQ. FT] AREA [SQ. FT] AREA BEDROOM N/A N/A BEDROOM LIVING BEDROOM LIVING N/A LIVING

NATURAL VENILATION OF THE OCCUPIED SPACE SHALL BE THROUGH WINDOWS, DOORS, OR OTHER OPENINGS TO THE SPACE. THE OPERATING MECHANISIM FOR SUCH OPENINGS SHALL BE PROVIDED WITH READY ACCESS SO THAT THE OPENINGS ARE READILY CONTROLLABLE BY THE BUILDING OCCUPANTS.

NATURAL VENTILATION CALCULATIONS PER SEC 402.1 OF 2017 OMC

*VENTILATION CALCULATIONS PER OMC 2017 TABLE 403.3.1.1

	HEATERS												
TAG	TYPE	AREA SERVED	MANUFACTURER	MODEL	HEAT-MBH	FUEL	HEAT-KW	VOLT/PHASE	FLA	MOUNTING	WEIGHT	NOTES	
DH-1	DUCT HEATER	REFER TO PLANS	HOTPOD	HP6-1000120-2T	3.4	ELECTRIC	1	120/1/60		INLINE	7	3,4	
H-1	WALL HEATER	REFER TO PLANS	BERKO	FRA4020	6.8	ELECTRIC	2	208/1/60		IN WALL	30	1,2	
H-3	BASEBOARD	REFER TO PLANS	BERKO	2542W	1	ELECTRIC	0.3	208/1/60		BASEBOARD	30	2	
1. SEMI-RECES	SSED MOUNTING SLI	EEVE.					•				•		

2. INTEGRAL THERMOSTAT 3. DUCT STAT INCLUDED

4. REPLACEABLE FILTER INCLUDED

	DEHUMIDIFIER SCHEDULE										
TAG	AREA SERVED	MANUFACTURER	MODEL	CAPACITY - PINTS/24 HR	AMPS	FUSE	VOLT/PHASE	MOUNTING	WEIGHT	NOTES	
DE-1	BASEMENT	APRILAIRE	1850	95	8	15	120/1	FLOOR	70	1,2,3,4	
1. ENER	GY STAR RATE).		I							

2. DEHUMIDICATION COLTROL

3. CORD AND PLUG CONNECTION. 4 PPOVIDE LOW PROFILE CONDENSATE PUMP

4. PROVIDE LOW PROFILE CONDENSATE PU

								<i>F</i>	APARTMEI	NT SPL	IT SYST	EM SCH	EDULE										
System	Outdoor Unit Tag	Model	Volts	Phase	MCA	МОСР	Outdoor Unit Weight	Indoor Unit Tag	Indoor Coil	Static	Air Flow CFM	Cool Cap Total	Cool Cap Sens	SEER	EER	Elect Heat Kw (240)	Elect Heat Kw (208)	Htg Cap 47 deg	Htg Cap 17 deg	HSPF	MCA	МОСР	Indoor Unit Weight
					Amps	Amps	lb]		in wg.	cfm	Btuh	Btuh			kW	kW	Btuh	Btuh		Amps	Amps	lb
								AHU-A-2															
2 Ton 10KW	HP-2	DLCSRBH24AAK	208/230	1	25	35	135	(10KW)	FMA4X2400AL	0.50	763	21800	18110	15	11.5	10	7.2	26,200	16,000	10	47.6	60	103
**Peguires Dinin	a Adaptor Kit 11	7/192 and 2/1/ into	rface KS	SAICOAO	1220		•																

*Requires Piping Adaptor Kit 1174192 and 24V interface KSAIC0401230

40" MINIMUM DOOR. MIN. 30" AIR HANDLING UNIT (AHU)
APARTMENT AHU DETAIL (TOP VIEW)
RACK REFRIGERANT LINE SETS ON SIDE WALL OF MECHANICAL ROOM FLOOR ABOVE RATED CEILING SUPPLY DUCT IN SOFFIT SPACE. COORDINATE WITH ARCHITECTURAL SHEETS. RETURN GRILLE DUCT SLEEVE AIR HANDLING UNIT (AHU) CONDENSATE DRAIN WITH P-TRAP. ROUTE TO NEAREST DRAIN WITH P-TRAP. ROUTE TO NEAREST DRAIN AND CONNECT WITH AN INDIRECT CONNECTION.
APARTMENT AHU DETAIL (SIDE VIEW) NOT TO SCALE

(NOTE 5)

COMBO W/D OR STACKED

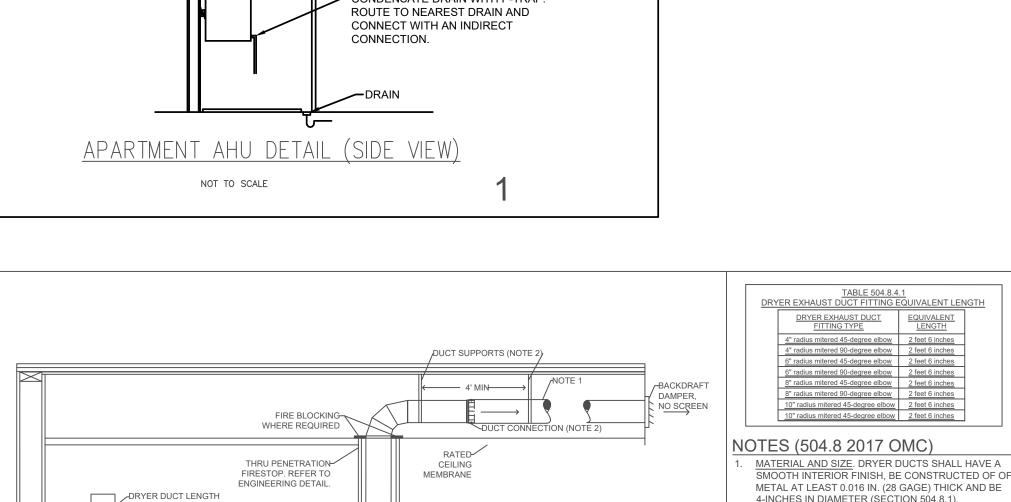
CAPABILITIES PRIOR TO

PRIOR VENTING

OCCUPANCY.

W/D BY FUTURE TENANT.
TENANT TO SEEK APPROVAL

FROM LANDLORD FOR DRYER





NOTES (504.8 2017 OMC) MATERIAL AND SIZE. DRYER DUCTS SHALL HAVE A SMOOTH INTERIOR FINISH, BE CONSTRUCTED OF OF

4-INCHES IN DIAMETER (SECTION 504.8.1). DUCT INSTALLATION. SUPPORT EXHAUST DUCTS AT 4 FT. INTERVALS AND SECURE IN PLACE. SECURE WITH ALUMINUM FOIL DUCTWORK TAPE. IF USING SCREWS OR POP-RIVETS THEY MUST PROTRUDE NO MORE THAN 1/8 INCH INTO THE INSIDE OF THE DUCT (SECTION 504.8.2). TRANSITION DUCTS. TRANSITION DUCT TO CONNECT THE DRYER TO THE EXHAUST DUCT SYSTEM MUST BE A SINGLE LENGTH LISTED/ LABELED PER UL2158.

TRANSITION DUCT MUST BE NO MORE THAN 8 FT. LONG AND CANNOT BE CONCEALED WITHIN CONSTRUCTION. (SECTION 504.8.3). DUCT LENGTH. THE MAXIMUM ALLOWABLE EXHAUST SHALL BE DETERMINED BY ONE OF THE METHODS IN SECTIONS 504.8.4.1 THROUGH 504.8.4.3. 504.8.4.1 SPECIFIED LENGTH: THE MAX LENGTH OF EXHAUST DUCT IS 35 FEET FROM

CONNECTION TO TRANSITION DUCT FROM DRYER TO OUTLET. THE MAXIMUM LENGTH OF THE EXHAUST DUCT IS REDUCED FROM FITTINGS USED ACCORDING TO TABLE 504.8.4.1 4.2. <u>504.8.4.2 MANUFACTURER'S INSTRUCTIONS</u>: THE MAX LENGTH OF THE EXHAUST DUCT WILL BE

DETERMINED BY THE INSTALLATION INSTRUCTIONS WHICH ARE PROVIDED BY THE DRYER MANUFACTURER (IF APPLICABLE). 504.8.4.3 DRYER EXHAUST DUCT POWER VENTILATOR LENGTH: THE MAX LENGTH OF DRYER EXHAUST TO BE DETERMINED BY DRYER EXHAUST DUCT POWER VENTILATOR

MANUFACTURER'S INSTALLATION INSTRUCTIONS (IF APPLICABLE). LENGTH IDENTIFICATION. IF THE EXHAUST DUCT EXCEEDS 35 FT. THE EQUIVALENT LENGTH OF DUCT SHALL BE SHOWN ON A PERMANENT LABEL/TAG. LABEL/TAG TO BE PLACED WITHIN 6FT. OF EXHAUST DUCT CONNECTION. LABEL EQUAL TO DRYER PLACARD BRAND. (SECTION 504.8.5). EXHAUST DUCT REQUIRED. WHERE THE EXHAUST DUCT SYSTEM IS INSTALLED FOR FUTURE USE, THE EXHAUST DUCT SHALL BE CAPPED AT FUTURE

DRYER LOCATION. (SECTION 504.8.6).

CODE REFERENCED: 2017 OHIO MECHANICAL CODE

DRYER EXHAUST DUCT DETAIL

—EXHAUST DUCT CAP.

(NOTE 6)

— DRYER WALL BOX

CONNECTION BY FUTURE TENANT

-TRANSITION DUCT PROVIDED BY FUTURE TENANT

MECHANICAL DETAILS

STILKEY E-77755

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Progress Dates 05/05/2023 BID P/E/FP 08/30/2024 BID SET 2

Checked By: SSS Drawn by: RPG



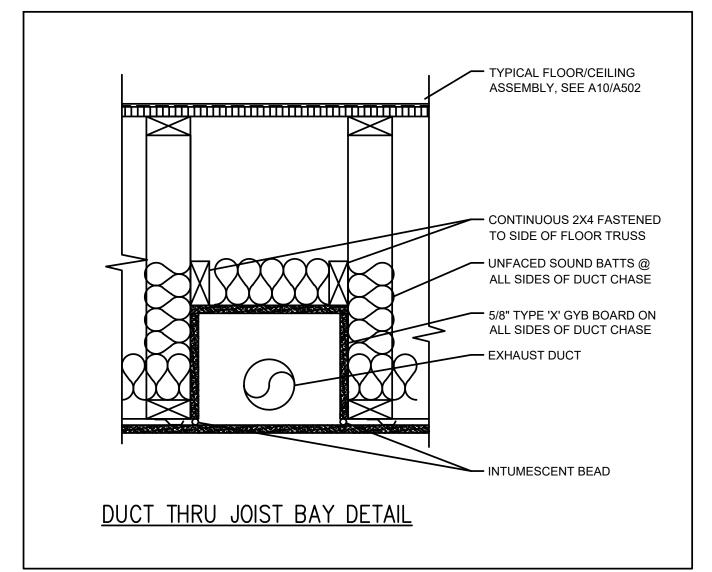
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CONTAINS MAY BE USED FOR OTHER THAN THE SPECIFIC PURPOSE FOR WHICH IT WAS PREPARE

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MECHANICAL SPECIFICATIONS

a. 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 with all existing conditions prior to bidding the work

2. Use of Drawings And Specifications

a. EBS drawings and specifications are intended to convey design intent only. All means and methods sequences, techniques, and procedures of construction as well as any associated safety precautions and programs, and all incidental and temporary devices required to construct the project, and to provide a complete and fully operational mechanical system are the responsibility of the mechanical contractor.

Codes

General

a. Equipment and materials shall conform with appropriate provisions of 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. 4. License / Experience

a. Contractor must be licensed by the state to install HVAC systems/equipment. Contractor must also have a minimum of 5 years of experience and have installed at least (5) successful project installations of similar size and scope. References must be provided upon request.

a. All work shall be performed in strict accordance with all applicable state and local codes and ordinances. The mechanical contractor shall satisfy code requirements at a minimum without any extra cost to the owner. In case of conflict between the drawings/specifications and the codes and ordinances, the highest standard shall apply.

Permits and Fees

a. The mechanical contractor shall procure and pay for all permits, fees, taxes, and inspections necessary to complete the mechanical 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.

7. Site Examination

a. The mechanical contractor shall thoroughly examine all areas of work where equipment, ductwork, and piping will be installed and shall report any condition that, in his opinion, prevents the proper installation of the mechanical work prior to bid. Contractor 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 for failure to include all required work in bid.

b. All work shall be done at times convenient to the owner and only during normal working hours, unless specified otherwise. c. Mechanical contractor shall take their own measurements and be responsible for them.

d. Access panels are not shown on drawings. During site examination, contractor shall identify all areas where access panels are required, and report to general contractor. Designation of who furnishes and who installs access panels must be coordinated with general contractor prior to starting work.

a. Coordination drawings showing system and component installation layout, routing, details, etc. Shall be produced by the mechanical contractor and under the supervision of the general contractor/construction manager, or appropriate party as

b. All systems installed by each sub-contractor shall be coordinated with one another and approved by general contractor/construction manager, etc. prior to installation and/or fabrication.

c. If questions concerning design intent arise during coordination, EBS can assist where appropriate

d. The architectural drawings shall take precedence over all other drawings. Do not scale distances off the mechanical drawings; use actual building dimensions.

9. Shop Drawings / Submittals

a. Submit to the architect electronic copies of complete and certified shop drawings, descriptive data, performance data and ratings, diagrams and specifications on all specified equipment, including accessories, and materials for review. The make, model number, type, finish and accessories of all equipment and materials shall be reviewed and approved by the mechanical contractor and general contractor prior to submitting to the architect for their review and approval. Approval of shop drawings does not relieve the mechanical contractor/vendor from compliance with the requirements of the contract drawings, specifications and applicable codes.

b. Shop drawings shall be required for the following:

HVAC equipment

•Diffusers, registers, grilles, dampers, louvers, and all sheet metal accessories

Temperature controls

 Sheet metal coordination drawings Duct Sealants

c. Products installed by the mechanical contractor and provided by others must be submitted for review prior to purchasing. Products shall not be selected based on permit drawings without express permission - products shall be selected based on construction drawings.

Record Drawing

a. The mechanical contractor shall be responsible for creating record drawings where required. Drawings shall be produced in Autocad 2004 format or later

b. The mechanical contractor shall be responsible for creating record drawings in a format agreed upon by 3CDC, ZHx, and the contracting parties.

11. Testing

a. All mechanical systems shall be tested for proper operation.

12. Fire Stopping

a. Provide fire stopping at all penetrations through rated separations per local codes & regulations & per UL recommendations for assemblies encountered in project.

b. The fire stopping material shall meet the integrity of the fire rated wall, floor, ceiling & roof being penetrated. Refer to architect's drawings for wall, floor, ceiling & roof fire ratings prior to bidding work.

c. Refer to architect's drawings for wall, floor, ceiling, and roof fire ratings prior to bidding work.

a. Provide ceiling and wall access panel quantities & locations to the general contractor prior to bidding. Access panels are required for all concealed appliances, controls devices, heat exchangers and HVAC system components that utilize energy. Where access panels are used, the access panel should be sized to allow accessibility for inspection, service, repair and replacement without disabling the function of a fire-resistance-rated assembly or removing permanent construction, other appliances, venting systems or any other piping or ducts not connected to the appliance being inspected, serviced, repaired or replaced. There shall be no extras for having to add access panels after bids are

14. Cutting and Patching

a. Neatly do all cutting as required and patch all cut surfaces to match building construction. The contractor shall employ and pay a trade trained and qualified to perform the required patching work. All surfaces disturbed shall be restored with like materials to the satisfaction of the owner. All penetrations through roof shall be made by bonded roofer. Mechanical contractor shall pay all fees required.

15. Flashing & Counterflashing

a. Roof flashing shall be furnished and installed by the roofing contractor. Roof counterflashing shall be furnished and installed by the mechanical contractor. Coordinate work with roofing contractor and pay all fees.

b. Obtain approval from general contractor, construction manager, owner and/or roofing contractor prior to making any penetrations so that warranties are not compromised or voided.

16. Warranty

a. The mechanical 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 owner. The mechanical contractor will repair or replace any defective work promptly and without charge to the owner.

b. Restore any other existing work damaged in the course of repairing defective equipment, materials and workmanship. 17. Mechanical Work

a. The mechanical contractor shall provide new hvac equipment, fans, ductwork, piping, air devices, controls as indicated on drawings and as specified. Startup and 1st year parts and labor warranty shall be included and manufacturer's extended warranties. Equipment and appliances shall be installed as required by the terms of their approval, in accordance with the conditions of the listing, the manufacturer's installation instructions, and the applicable code.

18. Owner's Instructions

a. Provide two sets of complete operating and maintenance instructions with drawings, typewritten instructions and operating sequences and descriptive data sheets. Assemble each set in a hard-bound cover. Provide pdf files of all documentation.

a. Put all equipment in service and demonstrate that all conditions of the contract have been fulfilled. Remove all tools, debris, etc. occasioned by work under this contract. Mechanical Contractor to provide a new set of filters in all HVAC units prior to turnover. Submit all warranties, test reports, operating and maintenance manuals for HVAC systems, log sheets and charts, and guarantees as previously specified. Provide all reports, forms, etc. required by inspectors to the satisfaction of the owner. Provide as-built record drawings (in Autocad 2007 or later) showing an accurate account of the final installed systems. Systems including but not limited to all equipment and associated controls, ductwork/piping, air devices, etc.

20. Sheetmetal Ductwork

a. All sizes of ducts shown on the drawings are interior duct dimensions. All ductwork shall be rigid sheetmetal constructed from galvanized sheet steel in accordance with SMACNA low velocity duct construction standards. All exposed ductwork shall be round, spiral, or rectangular lock-seam type, as shown on HVAC drawings. Assemble and install ductwork in accordance with recognized industry practice for achieving air tight (5% leakage) and noiseless (no objectionable noise) systems, capable of performing each indicated service. Furnish all required dampers, transitions, offsets, connections to air devices, and other accessories necessary for a complete operating system. Flexible ductwork shall not exceed 8'-0"

b. All 90-degree duct turns must be 1.5 radius elbows. If a 1.5 radius elbow will not fit, square elbows with turning vanes can be provided in lieu of radius but should be limited to only areas where there are space constraints. c. All takeoff/branch ductwork must utilize boot or conical tee fittings.

21. Adhesives and Sealants

a. Seal all longitudinal and transverse duct joints with a UL 181A or 181B non-hardening, non-migrating mastic or liquid elastic sealant of a type recommended by the manufacturer for sealing joints and seams in sheet metal ductwork. Cover all field joints, joints around spin-in fittings and fastening screws with mastic. All sealants and gaskets shall have surface-burning characteristics with a maximum flame-spread index of 25 and a maximum smoke-developed index of 50 when tested according to UL 723

b. Exposed Ductwork: trim duct sealants flush with metal. Create a smooth and uniform exposed bead. Do not use two-part tape sealing system.

c. All duct boots sealed to drywall/finished floor (any interface with another material).

a. Furnish and install hot-dipped galvanized steel fasteners, hangers, anchors, rods, straps, trim, and angles for support of

23. Flexible Connections

a. Furnish and install neoprene flexible duct connections at the inlet and discharge of units and fans. 24. Duct Manual Volume Dampers

a. Furnish and install opposed-blade, leak-proof volume control dampers where indicated on drawings and locations in supply, return and exhaust ducts where branches are taken from larger ducts or at each individual duct register in order to achieve system air balance quantities. Balancing devices must be provided in accordance with IMC 603.18. All manual volume dampers must be shown on coordination drawings when submitted for review.

25. Duct Access Doors

A.Furnish and install conveniently located duct access doors of ample size and quantity for servicing the dampers.

26. Diffusers, Grilles and Registers

A.Diffusers, grilles and registers shall be manufactured by titus, price, or engineered approved equal and shall be furnished and installed by the mechanical contractor. Diffusers shall be installed as indicated on the drawings and schedules. The mechanical contractor shall provide all miscellaneous items necessary for a complete and proper installation in the type of ceiling and walls used in this project.

27. Exhaust Fan

A.Fan manufacturer shall be Broan, Cook, Panasonic, Greenheck, or engineered approved equal. Refer to drawings and schedules for unit location, technical data, and any applicable accessories.

28. Ducted Split Systems a. Split systems shall consist of high efficient air handling unit and associated heat pump. Equipment shall have manufacturer's

b. Split system manufacturer shall be Tempstar, Carrier, Goodman, or engineered equal.

29. Condensate Drain Piping

A.The mechanical contractor shall furnish and install condensate drains, p-traps with removable cleanout caps for air equipment per manufacturer's recommendations. The p-trap depth shall be at least the depth specified for the respective pressure drop of the unit. Condensate drain piping shall be schedule 40 CPVC pipe with solvent weld fittings [Insulate condensate walls of pipe with Armaflex AP, flexible closed cell elastomeric foam, self-sealing insulation, Provide 1/2" thick insulation on piping < 1" in diameter and 1" thick insulation on piping between 1" and 1-1/2" in diameter. Pipe insulation shall not exceed 25/50 flame-smoke ratings]. All condensate drain lines shall be configured to permit the clearing of blockages and performance of maintenance without requiring the drain line to be cut. For condensate pumps located in uninhabitable spaces (i.e. attics and crawl spaces), provide controls that will shut down the equipment if the condensate pump fails.

B. All cooling equipment shall have a wet switch in the primary drain line, the overflow drain line, or in the equipment-supplied drain pan (located at a point higher than the primary drain line connection and below the overflow rim of the pan) that will shut down the unit when the condensate is clogged.

30. Piping Supports (Metal Pipe)

A.Furnish and install hot-dipped galvanized steel fasteners, hangers, anchors, rods, straps, trim and angles for support of piping.

31. Piping Supports (Plastic Pipe)

A. Furnish and install hangers for plastic piping per manufacturer's requirements.

32. Temperature Controls and Control Wiring

A. The mechanical contractor shall provide all control wiring necessary for the complete and proper operating temperature control system. Programmable thermostats shall be provided with equipment packages unless otherwise noted. B. Exposed wiring: All wiring exposed to the space shall be run in conduit. Coordinate requirements with architectural

33. Commissioning

a. 3CDC has hired ZHCx to act as their commissioning provider. The commissioning process will be implemented on the

b. ZHCx will conduct onsite observations throughout construction. ZHCx shall be notified prior to any ductwork being

c. ZHCx shall be notified prior to any equipment start up. ZHCx will witnedd start up of all split systems. If a start up occurs

without notifying ZHCx the responsible contractor is required to perform another start up in the presence of ZHCx. d. ZHCx will conduct functional performance testing on all HVAC equipment. Any findings will be reported to 3CDC, project architect, mechanical contractor, and the engineer of record. The responsible party is required to document the correction so that ZHCx can verify the correction has been made. ZHCx will perform one back check of the correction to ensure it has been implemented in its entirety.

34. Sequence of Operation

•H-X: heater shall be controlled from the integral thermostat. When the temperature of the space drops below the thermostat setpoint, the heater fan shall run and the electric heating element shall engage to maintain temperature

Exhaust Fans

•E-X: exhaust fan shall run on a wall switch (provided by the electrical contractor). Split Systems

AHU/HP-2: •Heating mode - indoor air handler shall be controlled from a thermostat in the space. When the thermostat calls for heating the fan shall run and the heat pump in heating mode shall run to maintain temperature setpoint. If the heat pump cannot maintain temperature in the space, the electric heat kit shall energize until set point is reached. When the setpoint is reached the unit shall shut off.

•Cooling mode - when the thermostat calls for cooling the heat pump unit shall run in cooling mode, the air handler fan shall run, and the dx cooling coil shall cool the air to maintain temperature setpoint. •IDU/ODU-1:

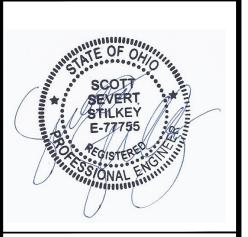
•Heating mode - indoor unit shall be controlled from a thermostat in the space. When the thermostat calls for heating the fan shall run and the heat pump in heating mode shall run to maintain temperature setpoint

• Cooling mode - when the thermostat calls for cooling the heat pump unit shall run in cooling mode, the unit fan shall run, and the dx cooling coil shall cool the air to maintain temperature setpoint.

 Dehumidifier ●DEH-1

dehumidifier shall energize and begin to dehumidify the space. When the humidity setpoint is reached the

•Dehumidifier shall be controlled from an integral humidistat. When the humidity of the space rises above set point the



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Progress Dates 05/05/2023 BID P/E/FP 08/30/2024 BID SET 2

Revisions

Checked By: SSS



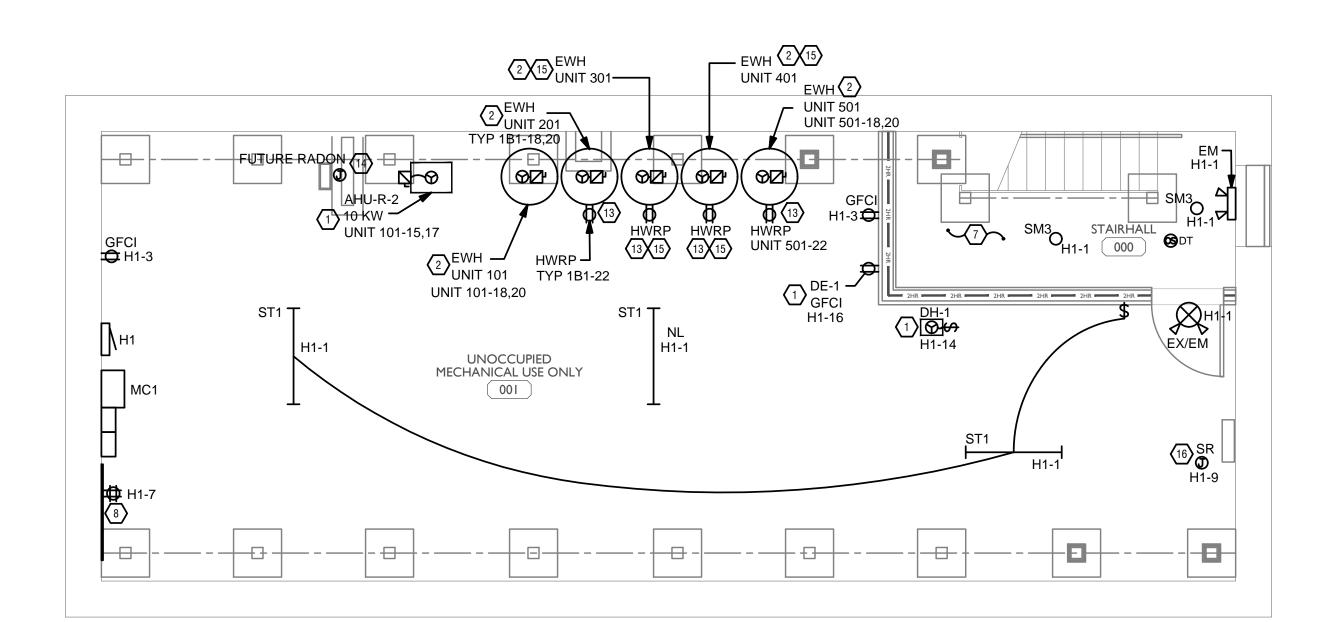
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- A. PROVIDE AFCI PROTECTION IN ACCORDANCE WITH NEC 210.12. AFCI PROTECTION MUST BE PROVIDED WHERE EXISTING BRANCH CIRCUIT WIRING IS MODIFIED, OR RECEPTACLES ARE REPLACED, IN ACCORDANCE WITH NEC AND LOCAL ELECTRICAL INSPECTION REQUIREMENTS. REFER TO NEC 406.4 (D) AND NEC 210.12 (D)
- B. FURNISH AND INSTALL SMOKE DETECTORS AS REQUIRED BY CODE. SMOKE DETECTORS SHOWN ON EBS DRAWINGS ARE INTENDED TO CONVEY GENERAL COMPLIANCE FOR BUILDING DEPARTMENT SUBMITTALS. PROVIDE INTERWIRING BETWEEN SMOKE DETECTORS LOCATED IN THE SAME UNIT. SMOKE DETECTORS SHALL BE HARD WIRED WITH BATTERY BACK-UP. FIRE ALARM AND/OR SMOKE DETECTOR SYSTEMS ARE FURNISHED ON A DESIGN-BUILD BASIS BY THE ELECTRICIAN.
- C. WHERE CIRCUITING IS SHOWN TYPICAL FOR MULTIPLE UNITS, COORDINATE BREAKER/WIRE SIZES FOR EQUIPMENT FURNISHED BY OTHERS WITH SHOP

DRAWINGS PROVIDED BY THE CONTRACTOR SUPPLYING THE EQUIPMENT. VERIFY BREAKER/WIRE SIZES FOR EQUIPMENT OR APPLIANCE FOR EACH UNIT

- PRIOR TO ROUGH-IN. D. SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR DIMENSIONED LOCATIONS OF ALL LIGHT FIXTURES.
- E. PROVIDE CONDUIT AND PULL STRING TO APPROVED LOCATION FOR VOICE,
- F. CIRCUITING ON DRAWINGS AND PANEL SCHEDULE IS SHOWN TYPICAL FOR SIMILAR UNITS. REFER TO DWELLING UNIT LOAD SUMMARIES FOR INDIVIDUAL DWELLING UNIT LOAD CALCULATIONS
- G. COORDINATE RECEPTACLE, PHONE, AND TV DEVICE PLACEMENT WITH FURNITURE LOCATIONS. VERIFY WITH ARCHITECT PRIOR TO ROUGH IN. LOCATIONS SHOWN ON DRAWINGS ARE INTENDED TO CONVEY DESIGN INTENT, AND DEMONSTRATE GENERAL COMPLIANCE WITH CODE. WHERE ACTUAL STUD LOCATIONS REQUIRE DEVICE LOCATIONS TO BE ADJUSTED, ADDED OR MINOR VARIATIONS AMONG UNITS THAT ARE SHOWN AS "TYPICAL" ETC. OCCUR, CONTRACTOR, UNDER HIS BASE BID, TO MAKE NECESSARY ADJUSTMENTS / ADDITIONS IN THE FIELD TO MAINTAIN NEC DWELLING UNIT RECEPTACLE SPACING REQUIREMENTS. WHERE ACTUAL WINDOW CONSTRUCTION PROHIBITS THE INSTALLATION OF A WALL RECEPTACLE, PROVIDE FLOOR RECEPTACLE WITHIN 18 INCHES OF THE BASE OF THE WALL. PROVIDE TAMPER PROOF RECEPTACLES AS REQUIRED BY NEC ART. 406.12

SCOPE OF WORK

RENOVATION OF EXISTING BUILDING MULTIFAMILY BUILDING WITH COMMERCIAL FIRST FLOOR. PROVIDE NEW ELECTRICAL DISTRIBUTION, POWER AND LIGHTING. SEE SINGLE LINE DIAGRAM FOR MORE DETAILS.

GENERAL NOTES-OVERALL PROJECT

A. EBS DRAWINGS INDICATE DESIGN INTENT AND REQUIRED OUTCOMES. IF CONDITIONS ARISE IN THE FIELD THAT REQUIRE DEVIATIONS FROM THE DRAWINGS IT IS ASSUMED THAT THE CONTRACTOR WILL DETERMINE THE APPROPRIATE DEVIATION WITH APPROVAL FROM THE OWNER. EBS IS AVAILABLE TO ASSIST WHEN REQUIRED IF ISSUES ARISE.

GENERAL NOTES-LIGHTING

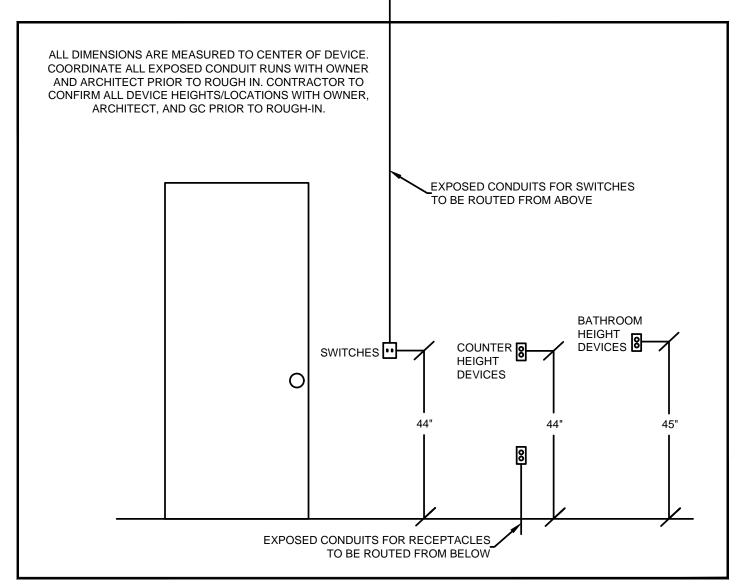
- A. REFER TO ARCHITECT'S PLANS AND ELEVATIONS FOR DIMENSIONED LOCATIONS OF LIGHT FIXTURES.
- B. PROVIDE HOLD-ON-TYPE BREAKERS FOR EGRESS/EMERGENCY LIGHTING CIRCUITS. WIRE ALL EGRESS/EMERGENCY FIXTURES AHEAD OF ANY LOCAL
- C. LIGHT FIXTURES CONTROLLED BY SWITCH IN SAME ROOM UNLESS OTHERWISE NOTED.
- D. WHERE DIMMERS AND/OR DIMMING SYSTEMS ARE REQUIRED, CONTRACTOR TO FURNISH DIMMERS THAT ARE COMPATIBLE WITH FIXTURE SOURCE AND RATED FOR THE WATTAGE OF THE DIMMING ZONE. PROVIDE ADDITIONAL DIMMERS AS REQUIRED TO MEET ZONE LOAD REQUIREMENTS.
- ELECTRICAL SWITCHES ON OPPOSITE SIDES OF A WALL ARE TO BE SPACED SO THAT THEIR ELECTRICAL BOX ARE A MINIMUM OF ONE STUD BETWEEN
- F. WHERE APPLICABLE, PROVIDE TOGGLE STYLE LIGHT SWITCHES.

KEYED SHEET NOTES

- 1. MECHANICAL EQUIPMENT PROVIDED BY MECHANICAL CONTRACTOR, WIRED BY ELECTRICAL CONTRACTOR. VERIFY ELECTRICAL REQUIREMENTS WITH MECHANICAL REQUIREMENTS PRIOR TO ROUGH-IN.
- PLUMBING EQUIPMENT PROVIDED BY PLUMBING CONTRACTOR, WIRED BY ELECTRICAL CONTRACTOR. VERIFY ELECTRICAL REQUIREMENTS WITH PLUMBING REQUIREMENTS PRIOR TO ROUGH-IN.
- 3. PROVIDE SWITCH AND CONNECTION FOR CONTINUOUSLY RUNNING 2-SPEED BATHROOM FAN. VERIFY REQUIREMENTS WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
- 4. PROVIDE HARD-WIRED SMOKE DETECTORS WITH BATTERY BACK-UP AS REQUIRED. ONE SMOKE DETECTOR IN EACH UNIT MUST BE A SMOKE/CO DETECTOR COMBO.
- 5. DISHWASHER MUST BE GFCI PROTECTED PER NEC 210.8(D) RECEPTACLE SHALL BE LOCATED IN AN ACCESSIBLE LOCATION.
- 6. MICROWAVE RECEPTACLE LOCATED IN CABINET ABOVE, COORDINATE LOCATION WITH GENERAL CONTRACTOR PRIOR TO ROUGH-IN.
- 7. CORRIDOR LIGHTS TO BE CONTROLLED BY OCCUPANCY SENSOR UNLESS OTHERWISE NOTED.
- B. LOCATION OF BUILDING UTILITY DATA DEMARC. PROVIDE A 4'X4'X $\frac{3}{4}$ " PLYWOOD BACKBOARD FOR DATA/PHONE UTILITIES. COORDINATE ALL REQUIREMENTS WITH OWNER, ARCHITECT, AND ALTA FIBER PRIOR TO ROUGH-IN. PROVIDE DEDICATED QUAD RECEPTACLE AS SHOWN.
- 9. EXTERIOR LIGHTING ON PHOTOCELL. CONFIRM LOCATION OF PHOTOCELL DEVICE WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN.
- 13. COORDINATE LOCATION AND REQUIREMENTS OF BUILDING CALL BOX, 2N INTERCOM SYSTEM, WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN.
- 14. INSTALL FIOPTIC 4-GANG AND QUAD OUTLET IN CABINET ABOVE
- REFRIGERATOR AS SHOWN. 15. COORDINATE TV RECEPTACLE AND DATA LOCATIONS WITH OWNER AND
- ARCHITECT PRIOR TO ROUGH-IN.
- 16. HOT WATER CIRCULATION PUMP HARDWIRED CIRCUIT CONNECTION. COORDINATE LOCATION WITH PLUMBING CONTRACTOR. PRIOR TO ROUGH-IN
- 17. LOCATION OF FUTURE RADON, PROVIDE JUNCTION BOX FOR FUTURE RADON FAN, FAN NOT TO BE INSTALLED AT THIS TIME.
- 18. UNIT WIRED TO TYPICAL "1B1" REFER TO PANEL SCHEDULE FOR LOAD DATA. SEE UNIT 201 FOR CIRCUITRY LAYOUT.
- 19. PROVIDE 120 VOLT DEDICATED CIRCUIT FOR SPRINKLER RISER TAMPER AND FLOW SWITCH. COORDINATE LOCATION WITH FIRE PROTECTION CONTRACTOR.
- 20. DUCTLESS INDOOR UNIT POWERED FROM OUTDOOR UNIT. CONFIRM LOCATION AND DISCONNECTING MEANS WITH INSTALLING CONTRACTOR.

GENERAL NOTES-POWER

- A. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL CONDUIT/CABLE ROUTING. COORDINATE ROUTING WITH ALL OTHER TRADES AND BUILDING
- B. SEE SINGLE LINE DIAGRAM FOR FEEDER WIRE AND CONDUIT SIZE. ALL CIRCUITS NOT SIZED ON DRAWING SHALL BE INSTALLED TO MEET MINIMUM SIZE REQUIRED BY NEC.
- PROVIDE MOTOR STARTERS FOR EQUIPMENT AS INDICATED ON DRAWINGS. COORDINATE ANY INTERLOCKING WIRING WITH HVAC CONTRACTOR AND PROVIDE WIRING, COILS, AND AUXILIARY CONTACTS AS NECESSARY. SIZE ALL CIRCUITS FOR ACTUAL EQUIPMENT TO BE CONNECTED.
- D. ALL PANELS AND DISCONNECTS LOCATED OUTDOORS SHALL BE LABELED
- ROOF MOUNTED AND OUTDOOR EQUIPMENT SHALL HAVE 120V RECEPTACLE MOUNTED WITHIN 25' OF EACH PIECE. RECEPTACLES SHALL BE IN WEATHER PROOF BOX AND HAVE GFCI PROTECTION.
- FOR ITEMS FURNISHED BY OTHER TRADES, ELECTRICAL CONTRACTOR TO FULLY COORDINATE BREAKER AND WIRE SIZES WITH ACTUAL EQUIPMENT BEING CONNECTED PRIOR TO ROUGH-IN, OR INSTALLATION. THE SIZES ON PANEL SCHEDULES REFER TO BASIS OF DESIGN SELECTIONS, AND ACTUAL ITEMS MAY DEVIATE FROM BASIS OF DESIGN. IT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO CONFIRM REQUIRED WIRE AND BREAKER SIZES WITH THE CONTRACTOR FURNISHING THE EQUIPMENT.
- G. REFER TO ARCHITECT'S PLANS AND ELEVATIONS FOR ALL DEVICE MOUNTING
- H. CONTRACTOR TO PROVIDE GROUNDING AND BONDING AS REQUIRED FOR ELECTRICAL SYSTEMS. GROUNDING AND BONDING IS CONSIDERED MEANS AND METHODS OF CONSTRUCTION, AND SHOULD BE COMPLETED BY THE ELECTRICAL CONTRACTOR IN ACCORDANCE WITH NEC 250, GAS PIPING SYSTEMS MUST BE BONDED PER UTILITY PROVIDER'S INSTALLATION GUIDELINES WHERE REQUIRED.
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STANDARD MOUNTING HEIGHTS



Progress Dates 05/05/2023 BID P/E/FP 08/30/2024 BID SET 2

Revisions

Checked By: PRS

Drawn by: AJW **ENGINEERED**

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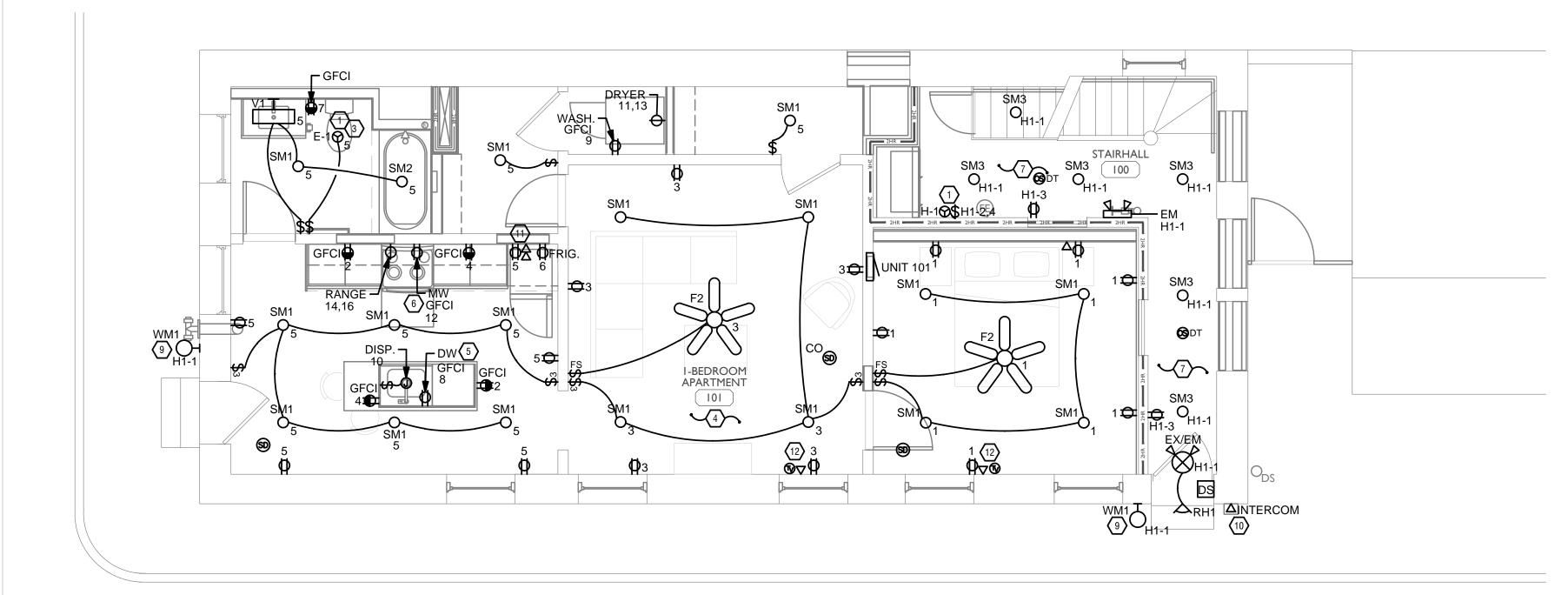
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BUILDING SYSTEMS, INC. S REPUBLI 0 $\frac{\infty}{}$ S

REPUBLIC 808

Job No: 22042



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- B. FURNISH AND INSTALL SMOKE DETECTORS AS REQUIRED BY CODE. SMOKE DETECTORS SHOWN ON EBS DRAWINGS ARE INTENDED TO CONVEY GENERAL COMPLIANCE FOR BUILDING DEPARTMENT SUBMITTALS. PROVIDE INTERWIRING BETWEEN SMOKE DETECTORS LOCATED IN THE SAME UNIT. SMOKE DETECTORS SHALL BE HARD WIRED WITH BATTERY BACK-UP. FIRE ALARM AND/OR SMOKE DETECTOR SYSTEMS ARE FURNISHED ON A DESIGN-BUILD BASIS BY THE ELECTRICIAN.
- C. WHERE CIRCUITING IS SHOWN TYPICAL FOR MULTIPLE UNITS, COORDINATE BREAKER/WIRE SIZES FOR EQUIPMENT FURNISHED BY OTHERS WITH SHOP

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SCOPE OF WORK

RENOVATION OF EXISTING BUILDING MULTIFAMILY BUILDING WITH COMMERCIAL FIRST FLOOR. PROVIDE NEW ELECTRICAL DISTRIBUTION, POWER AND LIGHTING. SEE SINGLE LINE DIAGRAM FOR MORE DETAILS.

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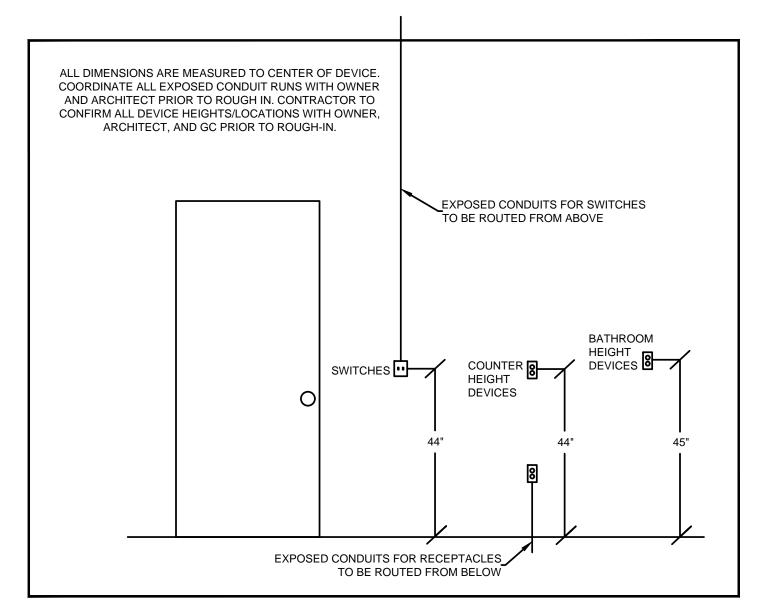
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STANDARD MOUNTING HEIGHTS



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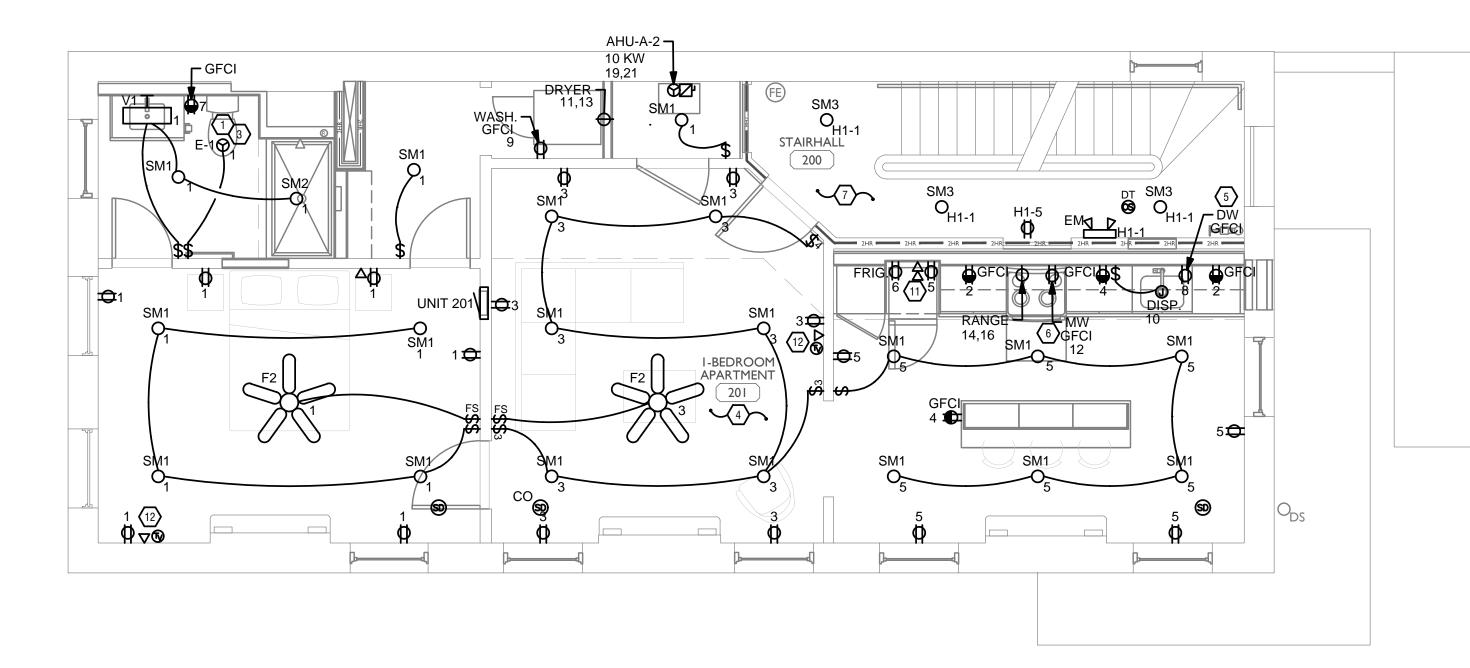
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REPUBLIC 808

Job No: 22042 8/10/2022



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SCOPE OF WORK

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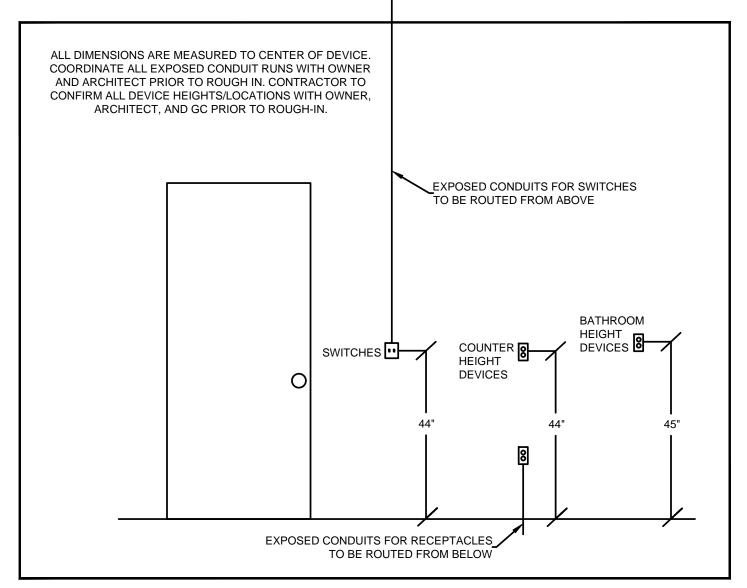
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REPUBLIC 808

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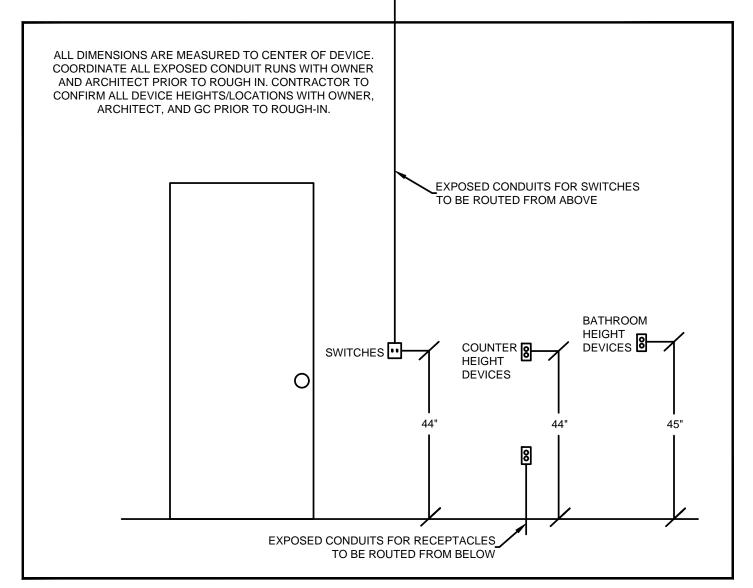
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- ELECTRICAL SWITCHES ON OPPOSITE SIDES OF A WALL ARE TO BE SPACED SO THAT THEIR ELECTRICAL BOX ARE A MINIMUM OF ONE STUD BETWEEN
- F. WHERE APPLICABLE, PROVIDE TOGGLE STYLE LIGHT SWITCHES.

KEYED SHEET NOTES

- 1. MECHANICAL EQUIPMENT PROVIDED BY MECHANICAL CONTRACTOR, WIRED BY ELECTRICAL CONTRACTOR. VERIFY ELECTRICAL REQUIREMENTS WITH MECHANICAL REQUIREMENTS PRIOR TO ROUGH-IN.
- 2. PLUMBING EQUIPMENT PROVIDED BY PLUMBING CONTRACTOR, WIRED BY ELECTRICAL CONTRACTOR. VERIFY ELECTRICAL REQUIREMENTS WITH PLUMBING REQUIREMENTS PRIOR TO ROUGH-IN.
- 3. PROVIDE SWITCH AND CONNECTION FOR CONTINUOUSLY RUNNING 2-SPEED BATHROOM FAN. VERIFY REQUIREMENTS WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
- 4. PROVIDE HARD-WIRED SMOKE DETECTORS WITH BATTERY BACK-UP AS REQUIRED. ONE SMOKE DETECTOR IN EACH UNIT MUST BE A SMOKE/CO DETECTOR COMBO.
- 5. DISHWASHER MUST BE GFCI PROTECTED PER NEC 210.8(D) RECEPTACLE SHALL BE LOCATED IN AN ACCESSIBLE LOCATION.
- 6. MICROWAVE RECEPTACLE LOCATED IN CABINET ABOVE, COORDINATE LOCATION WITH GENERAL CONTRACTOR PRIOR TO ROUGH-IN.
- 7. CORRIDOR LIGHTS TO BE CONTROLLED BY OCCUPANCY SENSOR UNLESS OTHERWISE NOTED.
- 8. LOCATION OF BUILDING UTILITY DATA DEMARC. PROVIDE A 4'X4'X³/₄" PLYWOOD BACKBOARD FOR DATA/PHONE UTILITIES. COORDINATE ALL REQUIREMENTS WITH OWNER, ARCHITECT, AND ALTA FIBER PRIOR TO ROUGH-IN. PROVIDE DEDICATED QUAD RECEPTACLE AS SHOWN.
- 9. EXTERIOR LIGHTING ON PHOTOCELL. CONFIRM LOCATION OF PHOTOCELL DEVICE WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN.
- 13. COORDINATE LOCATION AND REQUIREMENTS OF BUILDING CALL BOX, 2N INTERCOM SYSTEM, WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN.
- 14. INSTALL FIOPTIC 4-GANG AND QUAD OUTLET IN CABINET ABOVE REFRIGERATOR AS SHOWN.
- 15. COORDINATE TV RECEPTACLE AND DATA LOCATIONS WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN.
- 16. HOT WATER CIRCULATION PUMP HARDWIRED CIRCUIT CONNECTION. COORDINATE LOCATION WITH PLUMBING CONTRACTOR. PRIOR TO ROUGH-IN
- 17. LOCATION OF FUTURE RADON, PROVIDE JUNCTION BOX FOR FUTURE RADON FAN, FAN NOT TO BE INSTALLED AT THIS TIME.
- 18. UNIT WIRED TO TYPICAL "1B1" REFER TO PANEL SCHEDULE FOR LOAD DATA. SEE UNIT 201 FOR CIRCUITRY LAYOUT.
- 19. PROVIDE 120 VOLT DEDICATED CIRCUIT FOR SPRINKLER RISER TAMPER AND
- FLOW SWITCH. COORDINATE LOCATION WITH FIRE PROTECTION CONTRACTOR.
- 20. DUCTLESS INDOOR UNIT POWERED FROM OUTDOOR UNIT. CONFIRM LOCATION AND DISCONNECTING MEANS WITH INSTALLING CONTRACTOR.

GENERAL NOTES-POWER

- A. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL CONDUIT/CABLE ROUTING. COORDINATE ROUTING WITH ALL OTHER TRADES AND BUILDING
- B. SEE SINGLE LINE DIAGRAM FOR FEEDER WIRE AND CONDUIT SIZE. ALL CIRCUITS NOT SIZED ON DRAWING SHALL BE INSTALLED TO MEET MINIMUM SIZE REQUIRED BY NEC.
- PROVIDE MOTOR STARTERS FOR EQUIPMENT AS INDICATED ON DRAWINGS. COORDINATE ANY INTERLOCKING WIRING WITH HVAC CONTRACTOR AND PROVIDE WIRING, COILS, AND AUXILIARY CONTACTS AS NECESSARY. SIZE ALL CIRCUITS FOR ACTUAL EQUIPMENT TO BE CONNECTED.
- D. ALL PANELS AND DISCONNECTS LOCATED OUTDOORS SHALL BE LABELED
- ROOF MOUNTED AND OUTDOOR EQUIPMENT SHALL HAVE 120V RECEPTACLE MOUNTED WITHIN 25' OF EACH PIECE. RECEPTACLES SHALL BE IN WEATHER PROOF BOX AND HAVE GFCI PROTECTION.
- FOR ITEMS FURNISHED BY OTHER TRADES, ELECTRICAL CONTRACTOR TO FULLY COORDINATE BREAKER AND WIRE SIZES WITH ACTUAL EQUIPMENT BEING CONNECTED PRIOR TO ROUGH-IN, OR INSTALLATION. THE SIZES ON PANEL SCHEDULES REFER TO BASIS OF DESIGN SELECTIONS, AND ACTUAL ITEMS MAY DEVIATE FROM BASIS OF DESIGN. IT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO CONFIRM REQUIRED WIRE AND BREAKER SIZES WITH THE CONTRACTOR FURNISHING THE EQUIPMENT.
- G. REFER TO ARCHITECT'S PLANS AND ELEVATIONS FOR ALL DEVICE MOUNTING
- H. CONTRACTOR TO PROVIDE GROUNDING AND BONDING AS REQUIRED FOR ELECTRICAL SYSTEMS. GROUNDING AND BONDING IS CONSIDERED MEANS AND METHODS OF CONSTRUCTION, AND SHOULD BE COMPLETED BY THE ELECTRICAL CONTRACTOR IN ACCORDANCE WITH NEC 250. GAS PIPING SYSTEMS MUST BE BONDED PER UTILITY PROVIDER'S INSTALLATION GUIDELINES WHERE REQUIRED.
- ELECTRICAL RECEPTACLES ON OPPOSITE SIDES OF A WALL ARE TO BE SPACED SO THAT THEIR ELECTRICAL BOX ARE A MINIMUM OF ONE STUD BETWEEN BOXES.



STANDARD MOUNTING HEIGHTS



Revisions

05/05/2023 BID P/E/FP

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BUILDING SYSTEMS, INC. S REPUBLI 0 $\frac{\infty}{}$

S REPUBLIC 808

Job No: 22042

- A. PROVIDE AFCI PROTECTION IN ACCORDANCE WITH NEC 210.12. AFCI PROTECTION MUST BE PROVIDED WHERE EXISTING BRANCH CIRCUIT WIRING IS MODIFIED, OR RECEPTACLES ARE REPLACED, IN ACCORDANCE WITH NEC AND LOCAL ELECTRICAL INSPECTION REQUIREMENTS. REFER TO NEC 406.4 (D) AND NEC 210.12 (D)
- B. FURNISH AND INSTALL SMOKE DETECTORS AS REQUIRED BY CODE. SMOKE DETECTORS SHOWN ON EBS DRAWINGS ARE INTENDED TO CONVEY GENERAL COMPLIANCE FOR BUILDING DEPARTMENT SUBMITTALS. PROVIDE INTERWIRING BETWEEN SMOKE DETECTORS LOCATED IN THE SAME UNIT. SMOKE DETECTORS SHALL BE HARD WIRED WITH BATTERY BACK-UP. FIRE ALARM AND/OR SMOKE DETECTOR SYSTEMS ARE FURNISHED ON A DESIGN-BUILD BASIS BY THE ELECTRICIAN.
- C. WHERE CIRCUITING IS SHOWN TYPICAL FOR MULTIPLE UNITS, COORDINATE BREAKER/WIRE SIZES FOR EQUIPMENT FURNISHED BY OTHERS WITH SHOP

DRAWINGS PROVIDED BY THE CONTRACTOR SUPPLYING THE EQUIPMENT. VERIFY BREAKER/WIRE SIZES FOR EQUIPMENT OR APPLIANCE FOR EACH UNIT

- PRIOR TO ROUGH-IN. D. SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR DIMENSIONED LOCATIONS OF ALL LIGHT FIXTURES.
- E. PROVIDE CONDUIT AND PULL STRING TO APPROVED LOCATION FOR VOICE,
- F. CIRCUITING ON DRAWINGS AND PANEL SCHEDULE IS SHOWN TYPICAL FOR SIMILAR UNITS. REFER TO DWELLING UNIT LOAD SUMMARIES FOR INDIVIDUAL DWELLING UNIT LOAD CALCULATIONS
- G. COORDINATE RECEPTACLE, PHONE, AND TV DEVICE PLACEMENT WITH FURNITURE LOCATIONS. VERIFY WITH ARCHITECT PRIOR TO ROUGH IN. LOCATIONS SHOWN ON DRAWINGS ARE INTENDED TO CONVEY DESIGN INTENT, AND DEMONSTRATE GENERAL COMPLIANCE WITH CODE. WHERE ACTUAL STUD LOCATIONS REQUIRE DEVICE LOCATIONS TO BE ADJUSTED, ADDED OR MINOR VARIATIONS AMONG UNITS THAT ARE SHOWN AS "TYPICAL" ETC. OCCUR, CONTRACTOR, UNDER HIS BASE BID, TO MAKE NECESSARY ADJUSTMENTS / ADDITIONS IN THE FIELD TO MAINTAIN NEC DWELLING UNIT RECEPTACLE SPACING REQUIREMENTS. WHERE ACTUAL WINDOW CONSTRUCTION PROHIBITS THE INSTALLATION OF A WALL RECEPTACLE, PROVIDE FLOOR RECEPTACLE WITHIN 18 INCHES OF THE BASE OF THE WALL. PROVIDE TAMPER PROOF RECEPTACLES AS REQUIRED BY NEC ART. 406.12

SCOPE OF WORK

RENOVATION OF EXISTING BUILDING MULTIFAMILY BUILDING WITH COMMERCIAL FIRST FLOOR. PROVIDE NEW ELECTRICAL DISTRIBUTION, POWER AND LIGHTING. SEE SINGLE LINE DIAGRAM FOR MORE DETAILS.

GENERAL NOTES-OVERALL PROJECT

A. EBS DRAWINGS INDICATE DESIGN INTENT AND REQUIRED OUTCOMES. IF CONDITIONS ARISE IN THE FIELD THAT REQUIRE DEVIATIONS FROM THE DRAWINGS IT IS ASSUMED THAT THE CONTRACTOR WILL DETERMINE THE APPROPRIATE DEVIATION WITH APPROVAL FROM THE OWNER. EBS IS AVAILABLE TO ASSIST WHEN REQUIRED IF ISSUES ARISE.

GENERAL NOTES-LIGHTING

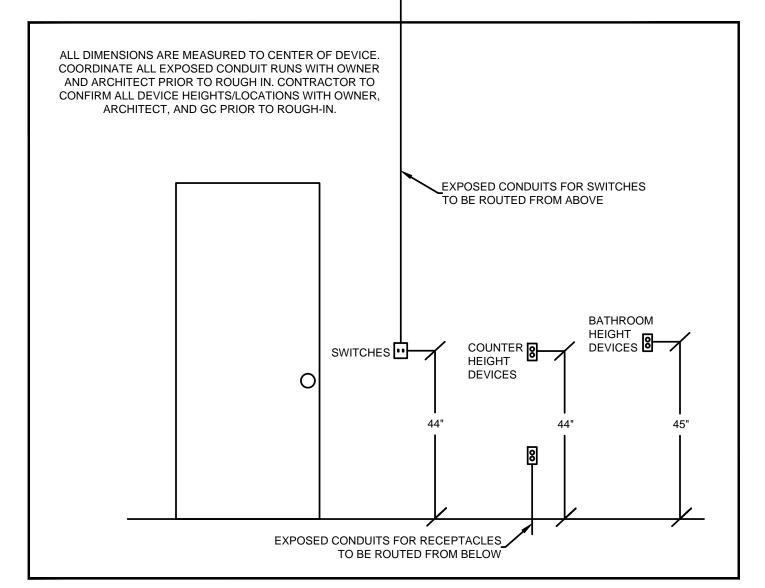
- A. REFER TO ARCHITECT'S PLANS AND ELEVATIONS FOR DIMENSIONED LOCATIONS OF LIGHT FIXTURES.
- B. PROVIDE HOLD-ON-TYPE BREAKERS FOR EGRESS/EMERGENCY LIGHTING CIRCUITS. WIRE ALL EGRESS/EMERGENCY FIXTURES AHEAD OF ANY LOCAL
- C. LIGHT FIXTURES CONTROLLED BY SWITCH IN SAME ROOM UNLESS OTHERWISE NOTED.
- D. WHERE DIMMERS AND/OR DIMMING SYSTEMS ARE REQUIRED, CONTRACTOR TO FURNISH DIMMERS THAT ARE COMPATIBLE WITH FIXTURE SOURCE AND RATED FOR THE WATTAGE OF THE DIMMING ZONE. PROVIDE ADDITIONAL DIMMERS AS REQUIRED TO MEET ZONE LOAD REQUIREMENTS.
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KEYED SHEET NOTES

- 1. MECHANICAL EQUIPMENT PROVIDED BY MECHANICAL CONTRACTOR, WIRED BY ELECTRICAL CONTRACTOR. VERIFY ELECTRICAL REQUIREMENTS WITH MECHANICAL REQUIREMENTS PRIOR TO ROUGH-IN.
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- 3. PROVIDE SWITCH AND CONNECTION FOR CONTINUOUSLY RUNNING 2-SPEED BATHROOM FAN. VERIFY REQUIREMENTS WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
- 4. PROVIDE HARD-WIRED SMOKE DETECTORS WITH BATTERY BACK-UP AS REQUIRED. ONE SMOKE DETECTOR IN EACH UNIT MUST BE A SMOKE/CO DETECTOR COMBO.
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- FAN, FAN NOT TO BE INSTALLED AT THIS TIME. 18. UNIT WIRED TO TYPICAL "1B1" REFER TO PANEL SCHEDULE FOR LOAD DATA.
- SEE UNIT 201 FOR CIRCUITRY LAYOUT. 19. PROVIDE 120 VOLT DEDICATED CIRCUIT FOR SPRINKLER RISER TAMPER AND
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GENERAL NOTES-POWER

- A. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL CONDUIT/CABLE ROUTING. COORDINATE ROUTING WITH ALL OTHER TRADES AND BUILDING
- B. SEE SINGLE LINE DIAGRAM FOR FEEDER WIRE AND CONDUIT SIZE. ALL CIRCUITS NOT SIZED ON DRAWING SHALL BE INSTALLED TO MEET MINIMUM SIZE REQUIRED BY NEC.
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STANDARD MOUNTING HEIGHTS



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Revisions

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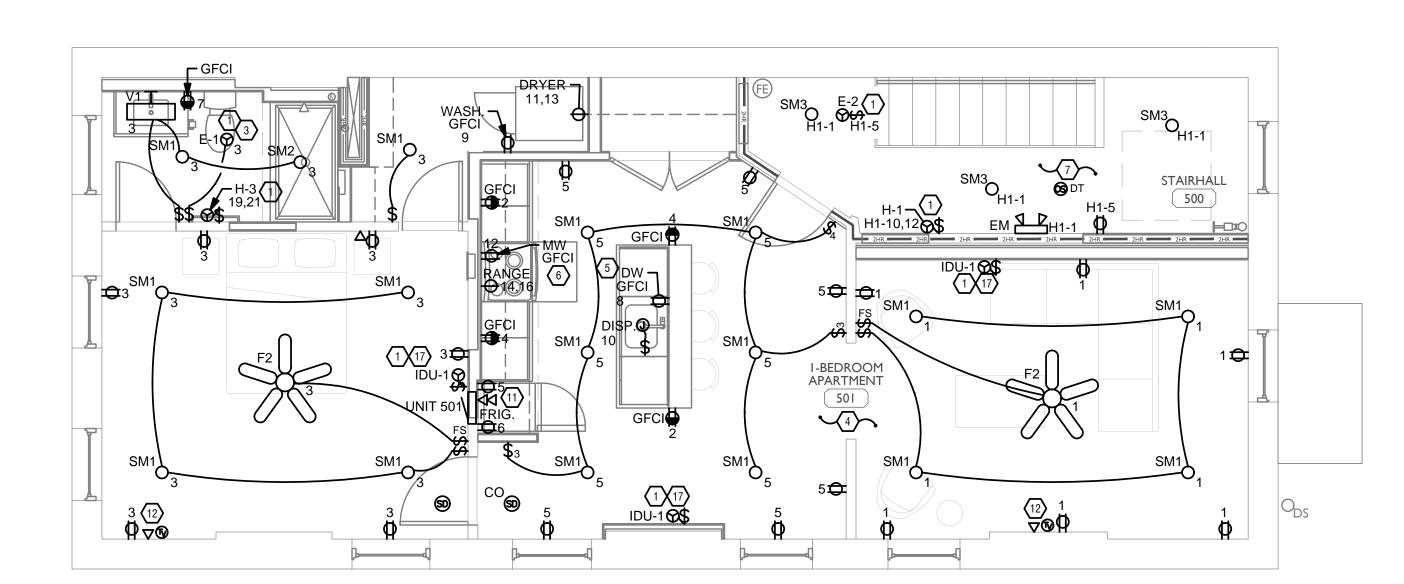
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S REPUBLIC 808

Job No: 22042



- A. PROVIDE AFCI PROTECTION IN ACCORDANCE WITH NEC 210.12. AFCI PROTECTION MUST BE PROVIDED WHERE EXISTING BRANCH CIRCUIT WIRING IS MODIFIED, OR RECEPTACLES ARE REPLACED, IN ACCORDANCE WITH NEC AND LOCAL ELECTRICAL INSPECTION REQUIREMENTS. REFER TO NEC 406.4 (D) AND NEC 210.12 (D)
- B. FURNISH AND INSTALL SMOKE DETECTORS AS REQUIRED BY CODE. SMOKE DETECTORS SHOWN ON EBS DRAWINGS ARE INTENDED TO CONVEY GENERAL COMPLIANCE FOR BUILDING DEPARTMENT SUBMITTALS. PROVIDE INTERWIRING BETWEEN SMOKE DETECTORS LOCATED IN THE SAME UNIT. SMOKE DETECTORS SHALL BE HARD WIRED WITH BATTERY BACK-UP. FIRE ALARM AND/OR SMOKE DETECTOR SYSTEMS ARE FURNISHED ON A DESIGN-BUILD BASIS BY THE ELECTRICIAN.
- ALARM AND/OR SMOKE DETECTOR SYSTEMS ARE FURNISHED ON A DESIGN-BUILD BASIS BY THE ELECTRICIAN.

 C. WHERE CIRCUITING IS SHOWN TYPICAL FOR MULTIPLE UNITS, COORDINATE BREAKER/WIRE SIZES FOR EQUIPMENT FURNISHED BY OTHERS WITH SHOP DRAWINGS PROVIDED BY THE CONTRACTOR SUPPLYING THE EQUIPMENT.

VERIFY BREAKER/WIRE SIZES FOR EQUIPMENT OR APPLIANCE FOR EACH UNIT

- D. SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR DIMENSIONED LOCATIONS OF ALL LIGHT FIXTURES.
- E. PROVIDE CONDUIT AND PULL STRING TO APPROVED LOCATION FOR VOICE, DATA, AND CATV CABLES.
- F. CIRCUITING ON DRAWINGS AND PANEL SCHEDULE IS SHOWN TYPICAL FOR SIMILAR UNITS. REFER TO DWELLING UNIT LOAD SUMMARIES FOR INDIVIDUAL DWELLING UNIT LOAD CALCULATIONS
- G. COORDINATE RECEPTACLE, PHONE, AND TV DEVICE PLACEMENT WITH FURNITURE LOCATIONS. VERIFY WITH ARCHITECT PRIOR TO ROUGH IN. LOCATIONS SHOWN ON DRAWINGS ARE INTENDED TO CONVEY DESIGN INTENT, AND DEMONSTRATE GENERAL COMPLIANCE WITH CODE. WHERE ACTUAL STUD LOCATIONS REQUIRE DEVICE LOCATIONS TO BE ADJUSTED, ADDED OR MINOR VARIATIONS AMONG UNITS THAT ARE SHOWN AS "TYPICAL" ETC. OCCUR, CONTRACTOR, UNDER HIS BASE BID, TO MAKE NECESSARY ADJUSTMENTS / ADDITIONS IN THE FIELD TO MAINTAIN NEC DWELLING UNIT RECEPTACLE SPACING REQUIREMENTS. WHERE ACTUAL WINDOW CONSTRUCTION PROHIBITS THE INSTALLATION OF A WALL RECEPTACLE, PROVIDE FLOOR RECEPTACLE WITHIN 18 INCHES OF THE BASE OF THE WALL. PROVIDE TAMPER PROOF RECEPTACLES AS REQUIRED BY NEC ART. 406.12

SCOPE OF WORK

RENOVATION OF EXISTING BUILDING MULTIFAMILY BUILDING WITH COMMERCIAL FIRST FLOOR. PROVIDE NEW ELECTRICAL DISTRIBUTION, POWER AND LIGHTING. SEE SINGLE LINE DIAGRAM FOR MORE DETAILS.

GENERAL NOTES-OVERALL PROJECT

A. EBS DRAWINGS INDICATE DESIGN INTENT AND REQUIRED OUTCOMES. IF CONDITIONS ARISE IN THE FIELD THAT REQUIRE DEVIATIONS FROM THE DRAWINGS IT IS ASSUMED THAT THE CONTRACTOR WILL DETERMINE THE APPROPRIATE DEVIATION WITH APPROVAL FROM THE OWNER. EBS IS AVAILABLE TO ASSIST WHEN REQUIRED IF ISSUES ARISE.

GENERAL NOTES-LIGHTING

- A. REFER TO ARCHITECT'S PLANS AND ELEVATIONS FOR DIMENSIONED LOCATIONS OF LIGHT FIXTURES.
- B. PROVIDE HOLD-ON-TYPE BREAKERS FOR EGRESS/EMERGENCY LIGHTING CIRCUITS. WIRE ALL EGRESS/EMERGENCY FIXTURES AHEAD OF ANY LOCAL SWITCHING.
- C. LIGHT FIXTURES CONTROLLED BY SWITCH IN SAME ROOM UNLESS OTHERWISE NOTED.
- D. WHERE DIMMERS AND/OR DIMMING SYSTEMS ARE REQUIRED, CONTRACTOR TO FURNISH DIMMERS THAT ARE COMPATIBLE WITH FIXTURE SOURCE AND RATED FOR THE WATTAGE OF THE DIMMING ZONE. PROVIDE ADDITIONAL DIMMERS AS REQUIRED TO MEET ZONE LOAD REQUIREMENTS.
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GENERAL NOTES-POWER

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PRIOR TO ROUGH-IN.

- MECHANICAL EQUIPMENT PROVIDED BY MECHANICAL CONTRACTOR, WIRED BY ELECTRICAL CONTRACTOR. VERIFY ELECTRICAL REQUIREMENTS WITH MECHANICAL REQUIREMENTS PRIOR TO ROUGH-IN.
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- 5. DISHWASHER MUST BE GFCI PROTECTED PER NEC 210.8(D) RECEPTACLE SHALL BE LOCATED IN AN ACCESSIBLE LOCATION.
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 20. DUCTLESS INDOOR UNIT POWERED FROM OUTDOOR UNIT. CONFIRM LOCATION AND DISCONNECTING MEANS WITH INSTALLING CONTRACTOR.

A ELECTRICAL CONTRA

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- B. SEE SINGLE LINE DIAGRAM FOR FEEDER WIRE AND CONDUIT SIZE. ALL CIRCUITS NOT SIZED ON DRAWING SHALL BE INSTALLED TO MEET MINIMUM SIZE REQUIRED BY NEC.
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- D. ALL PANELS AND DISCONNECTS LOCATED OUTDOORS SHALL BE LABELED NEMA 3R.
- E. ROOF MOUNTED AND OUTDOOR EQUIPMENT SHALL HAVE 120V RECEPTACLE MOUNTED WITHIN 25' OF EACH PIECE. RECEPTACLES SHALL BE IN WEATHER PROOF BOX AND HAVE GFCI PROTECTION.
- F. FOR ITEMS FURNISHED BY OTHER TRADES, ELECTRICAL CONTRACTOR TO FULLY COORDINATE BREAKER AND WIRE SIZES WITH ACTUAL EQUIPMENT BEING CONNECTED PRIOR TO ROUGH-IN, OR INSTALLATION. THE SIZES ON PANEL SCHEDULES REFER TO BASIS OF DESIGN SELECTIONS, AND ACTUAL ITEMS MAY DEVIATE FROM BASIS OF DESIGN. IT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO CONFIRM REQUIRED WIRE AND BREAKER SIZES WITH THE CONTRACTOR FURNISHING THE EQUIPMENT.
- G. REFER TO ARCHITECT'S PLANS AND ELEVATIONS FOR ALL DEVICE MOUNTING HEIGHTS.
- H. CONTRACTOR TO PROVIDE GROUNDING AND BONDING AS REQUIRED FOR ELECTRICAL SYSTEMS. GROUNDING AND BONDING IS CONSIDERED MEANS AND METHODS OF CONSTRUCTION, AND SHOULD BE COMPLETED BY THE ELECTRICAL CONTRACTOR IN ACCORDANCE WITH NEC 250. GAS PIPING SYSTEMS MUST BE BONDED PER UTILITY PROVIDER'S INSTALLATION GUIDELINES WHERE REQUIRED.
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ALL DIMENSIONS ARE MEASURED TO CENTER OF DEVICE.
COORDINATE ALL EXPOSED CONDUIT RUNS WITH OWNER
AND ARCHITECT PRIOR TO ROUGH IN. CONTRACTOR TO
CONFIRM ALL DEVICE HEIGHTS/LOCATIONS WITH OWNER,
ARCHITECT, AND GC PRIOR TO ROUGH-IN.

EXPOSED CONDUITS FOR SWITCHES
TO BE ROUTED FROM ABOVE

EXPOSED CONDUITS FOR SWITCHES
TO BE ROUTED FROM ABOVE

EXPOSED CONDUITS FOR SWITCHES
TO BE ROUTED FROM ABOVE

EXPOSED CONDUITS FOR RECEPTACLES

STANDARD MOUNTING HEIGHTS

TO BE ROUTED FROM BELOW



Progress Dates

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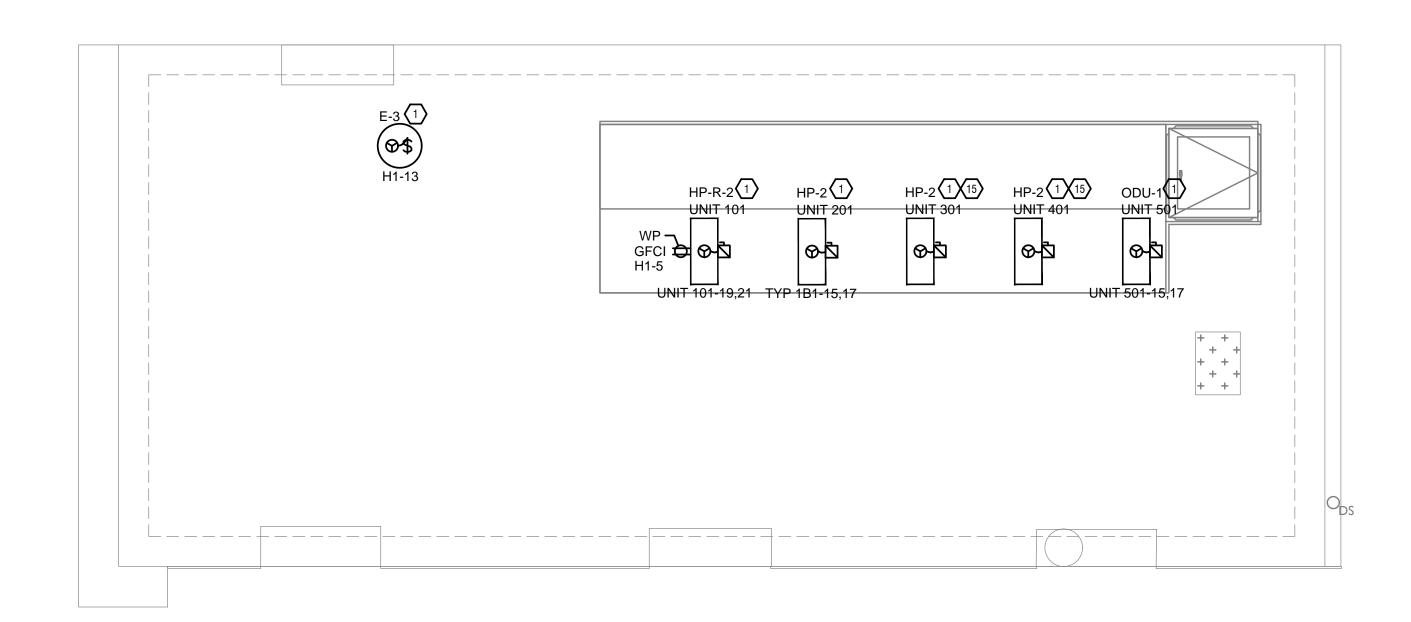
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808 REPUBLIC ST

Job No: 22042

E1.05



- A. PROVIDE AFCI PROTECTION IN ACCORDANCE WITH NEC 210.12. AFCI PROTECTION MUST BE PROVIDED WHERE EXISTING BRANCH CIRCUIT WIRING IS MODIFIED, OR RECEPTACLES ARE REPLACED, IN ACCORDANCE WITH NEC AND LOCAL ELECTRICAL INSPECTION REQUIREMENTS. REFER TO NEC 406.4 (D) AND NEC 210.12 (D)
- B. FURNISH AND INSTALL SMOKE DETECTORS AS REQUIRED BY CODE. SMOKE DETECTORS SHOWN ON EBS DRAWINGS ARE INTENDED TO CONVEY GENERAL COMPLIANCE FOR BUILDING DEPARTMENT SUBMITTALS. PROVIDE INTERWIRING BETWEEN SMOKE DETECTORS LOCATED IN THE SAME UNIT. SMOKE DETECTORS SHALL BE HARD WIRED WITH BATTERY BACK-UP. FIRE ALARM AND/OR SMOKE DETECTOR SYSTEMS ARE FURNISHED ON A DESIGN-BUILD BASIS BY THE FLECTRICIAN

VERIFY BREAKER/WIRE SIZES FOR EQUIPMENT OR APPLIANCE FOR EACH UNIT

- ALARM AND/OR SMOKE DETECTOR SYSTEMS ARE FURNISHED ON A DESIGN-BUILD BASIS BY THE ELECTRICIAN.

 C. WHERE CIRCUITING IS SHOWN TYPICAL FOR MULTIPLE UNITS, COORDINATE BREAKER/WIRE SIZES FOR EQUIPMENT FURNISHED BY OTHERS WITH SHOP DRAWINGS PROVIDED BY THE CONTRACTOR SUPPLYING THE EQUIPMENT.
- PRIOR TO ROUGH-IN.

 D. SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR DIMENSIONED LOCATIONS OF ALL LIGHT FIXTURES.
- E. PROVIDE CONDUIT AND PULL STRING TO APPROVED LOCATION FOR VOICE, DATA, AND CATV CABLES.
- F. CIRCUITING ON DRAWINGS AND PANEL SCHEDULE IS SHOWN TYPICAL FOR SIMILAR UNITS. REFER TO DWELLING UNIT LOAD SUMMARIES FOR INDIVIDUAL DWELLING UNIT LOAD CALCULATIONS
- G. COORDINATE RECEPTACLE, PHONE, AND TV DEVICE PLACEMENT WITH FURNITURE LOCATIONS. VERIFY WITH ARCHITECT PRIOR TO ROUGH IN. LOCATIONS SHOWN ON DRAWINGS ARE INTENDED TO CONVEY DESIGN INTENT, AND DEMONSTRATE GENERAL COMPLIANCE WITH CODE. WHERE ACTUAL STUD LOCATIONS REQUIRE DEVICE LOCATIONS TO BE ADJUSTED, ADDED OR MINOR VARIATIONS AMONG UNITS THAT ARE SHOWN AS "TYPICAL" ETC. OCCUR, CONTRACTOR, UNDER HIS BASE BID, TO MAKE NECESSARY ADJUSTMENTS / ADDITIONS IN THE FIELD TO MAINTAIN NEC DWELLING UNIT RECEPTACLE SPACING REQUIREMENTS. WHERE ACTUAL WINDOW CONSTRUCTION PROHIBITS THE INSTALLATION OF A WALL RECEPTACLE, PROVIDE FLOOR RECEPTACLE WITHIN 18 INCHES OF THE BASE OF THE WALL PROVIDE TAMPER PROOF RECEPTACLES AS REQUIRED BY NEC ART. 406.12

SCOPE OF WORK

RENOVATION OF EXISTING BUILDING MULTIFAMILY BUILDING WITH COMMERCIAL FIRST FLOOR. PROVIDE NEW ELECTRICAL DISTRIBUTION, POWER AND LIGHTING. SEE SINGLE LINE DIAGRAM FOR MORE DETAILS.

GENERAL NOTES-OVERALL PROJECT

A. EBS DRAWINGS INDICATE DESIGN INTENT AND REQUIRED OUTCOMES. IF CONDITIONS ARISE IN THE FIELD THAT REQUIRE DEVIATIONS FROM THE DRAWINGS IT IS ASSUMED THAT THE CONTRACTOR WILL DETERMINE THE APPROPRIATE DEVIATION WITH APPROVAL FROM THE OWNER. EBS IS AVAILABLE TO ASSIST WHEN REQUIRED IF ISSUES ARISE.

GENERAL NOTES-LIGHTING

- A. REFER TO ARCHITECT'S PLANS AND ELEVATIONS FOR DIMENSIONED LOCATIONS OF LIGHT FIXTURES.
- B. PROVIDE HOLD-ON-TYPE BREAKERS FOR EGRESS/EMERGENCY LIGHTING CIRCUITS. WIRE ALL EGRESS/EMERGENCY FIXTURES AHEAD OF ANY LOCAL SWITCHING
- C. LIGHT FIXTURES CONTROLLED BY SWITCH IN SAME ROOM UNLESS OTHERWISE NOTED.
- D. WHERE DIMMERS AND/OR DIMMING SYSTEMS ARE REQUIRED, CONTRACTOR TO FURNISH DIMMERS THAT ARE COMPATIBLE WITH FIXTURE SOURCE AND RATED FOR THE WATTAGE OF THE DIMMING ZONE. PROVIDE ADDITIONAL DIMMERS AS REQUIRED TO MEET ZONE LOAD REQUIREMENTS.
- E. ELECTRICAL SWITCHES ON OPPOSITE SIDES OF A WALL ARE TO BE SPACED SO THAT THEIR ELECTRICAL BOX ARE A MINIMUM OF ONE STUD BETWEEN BOXES.
- F. WHERE APPLICABLE, PROVIDE TOGGLE STYLE LIGHT SWITCHES.

★ KEYED SHEET NOTES

- 1. MECHANICAL EQUIPMENT PROVIDED BY MECHANICAL CONTRACTOR, WIRED BY ELECTRICAL CONTRACTOR. VERIFY ELECTRICAL REQUIREMENTS WITH MECHANICAL REQUIREMENTS PRIOR TO ROUGH-IN.
- 2. PLUMBING EQUIPMENT PROVIDED BY PLUMBING CONTRACTOR, WIRED BY ELECTRICAL CONTRACTOR. VERIFY ELECTRICAL REQUIREMENTS WITH PLUMBING REQUIREMENTS PRIOR TO ROUGH-IN.
- 3. PROVIDE SWITCH AND CONNECTION FOR CONTINUOUSLY RUNNING 2-SPEED BATHROOM FAN. VERIFY REQUIREMENTS WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
- 4. PROVIDE HARD-WIRED SMOKE DETECTORS WITH BATTERY BACK-UP AS REQUIRED. ONE SMOKE DETECTOR IN EACH UNIT MUST BE A SMOKE/CO DETECTOR COMBO.
- 5. DISHWASHER MUST BE GFCI PROTECTED PER NEC 210.8(D) RECEPTACLE SHALL BE LOCATED IN AN ACCESSIBLE LOCATION.
- 6. MICROWAVE RECEPTACLE LOCATED IN CABINET ABOVE, COORDINATE LOCATION WITH GENERAL CONTRACTOR PRIOR TO ROUGH-IN.
- CORRIDOR LIGHTS TO BE CONTROLLED BY OCCUPANCY SENSOR UNLESS OTHERWISE NOTED.
- 8. LOCATION OF BUILDING UTILITY DATA DEMARC. PROVIDE A 4'X4'X³/₄" PLYWOOD BACKBOARD FOR DATA/PHONE UTILITIES. COORDINATE ALL REQUIREMENTS WITH OWNER, ARCHITECT, AND ALTA FIBER PRIOR TO ROUGH-IN. PROVIDE DEDICATED QUAD RECEPTACLE AS SHOWN.
- 9. EXTERIOR LIGHTING ON PHOTOCELL. CONFIRM LOCATION OF PHOTOCELL DEVICE WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN.
- 13. COORDINATE LOCATION AND REQUIREMENTS OF BUILDING CALL BOX, 2N INTERCOM SYSTEM, WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN.
- 14. INSTALL FIOPTIC 4-GANG AND QUAD OUTLET IN CABINET ABOVE REFRIGERATOR AS SHOWN.
- 15. COORDINATE TV RECEPTACLE AND DATA LOCATIONS WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN.
- 16. HOT WATER CIRCULATION PUMP HARDWIRED CIRCUIT CONNECTION.
 COORDINATE LOCATION WITH PLUMBING CONTRACTOR. PRIOR TO ROUGH-IN
- 17. LOCATION OF FUTURE RADON, PROVIDE JUNCTION BOX FOR FUTURE RADON
- FAN, FAN NOT TO BE INSTALLED AT THIS TIME.

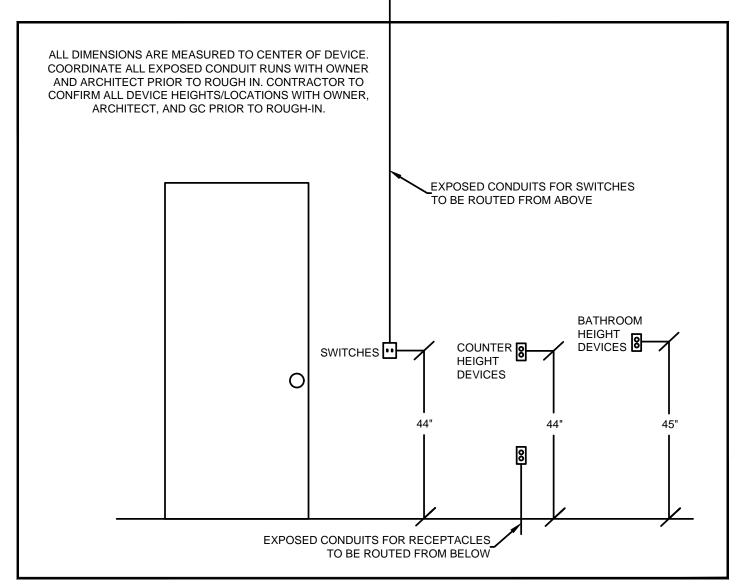
 18. UNIT WIRED TO TYPICAL "1B1" REFER TO PANEL SCHEDULE FOR LOAD DATA.
- SEE UNIT 201 FOR CIRCUITRY LAYOUT.

 19. PROVIDE 120 VOLT DEDICATED CIRCUIT FOR SPRINKLER RISER TAMPER AND FLOW SWITCH. COORDINATE LOCATION WITH FIRE PROTECTION
- CONTRACTOR.

 20. DUCTLESS INDOOR UNIT POWERED FROM OUTDOOR UNIT. CONFIRM
- LOCATION AND DISCONNECTING MEANS WITH INSTALLING CONTRACTOR.

GENERAL NOTES-POWER

- A. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL CONDUIT/CABLE ROUTING. COORDINATE ROUTING WITH ALL OTHER TRADES AND BUILDING CONDITIONS.
- B. SEE SINGLE LINE DIAGRAM FOR FEEDER WIRE AND CONDUIT SIZE. ALL CIRCUITS NOT SIZED ON DRAWING SHALL BE INSTALLED TO MEET MINIMUM SIZE REQUIRED BY NEC.
- C. PROVIDE MOTOR STARTERS FOR EQUIPMENT AS INDICATED ON DRAWINGS. COORDINATE ANY INTERLOCKING WIRING WITH HVAC CONTRACTOR AND PROVIDE WIRING, COILS, AND AUXILIARY CONTACTS AS NECESSARY. SIZE ALL CIRCUITS FOR ACTUAL EQUIPMENT TO BE CONNECTED.
- ALL PANELS AND DISCONNECTS LOCATED OUTDOORS SHALL BE LABELED NEMA 3R.
- E. ROOF MOUNTED AND OUTDOOR EQUIPMENT SHALL HAVE 120V RECEPTACLE MOUNTED WITHIN 25' OF EACH PIECE. RECEPTACLES SHALL BE IN WEATHER PROOF BOX AND HAVE GFCI PROTECTION.
 - F. FOR ITEMS FURNISHED BY OTHER TRADES, ELECTRICAL CONTRACTOR TO FULLY COORDINATE BREAKER AND WIRE SIZES WITH ACTUAL EQUIPMENT BEING CONNECTED PRIOR TO ROUGH-IN, OR INSTALLATION. THE SIZES ON PANEL SCHEDULES REFER TO BASIS OF DESIGN SELECTIONS, AND ACTUAL ITEMS MAY DEVIATE FROM BASIS OF DESIGN. IT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO CONFIRM REQUIRED WIRE AND BREAKER SIZES WITH THE CONTRACTOR FURNISHING THE EQUIPMENT.
 - G. REFER TO ARCHITECT'S PLANS AND ELEVATIONS FOR ALL DEVICE MOUNTING HEIGHTS.
 - H. CONTRACTOR TO PROVIDE GROUNDING AND BONDING AS REQUIRED FOR ELECTRICAL SYSTEMS. GROUNDING AND BONDING IS CONSIDERED MEANS AND METHODS OF CONSTRUCTION, AND SHOULD BE COMPLETED BY THE ELECTRICAL CONTRACTOR IN ACCORDANCE WITH NEC 250. GAS PIPING SYSTEMS MUST BE BONDED PER UTILITY PROVIDER'S INSTALLATION GUIDELINES WHERE REQUIRED.
 - I. ELECTRICAL RECEPTACLES ON OPPOSITE SIDES OF A WALL ARE TO BE SPACED SO THAT THEIR ELECTRICAL BOX ARE A MINIMUM OF ONE STUD BETWEEN BOXES.



STANDARD MOUNTING HEIGHTS



05/05/2023 BID P/E/FP 08/30/2024 BID SET 2

Progress Dates

Revisions

Checked By: PRS

Drawn by: AJW

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F / 1810 REPUBLIC ST

SOS REPUBLIC ST

Report NED

Job No: 22042

E1.06

General Demolition

a. 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 with all existing conditions prior to bidding the work

2. Use of Drawings And Specifications

a. EBS drawings and specifications are intended to convey design intent only. All means and methods sequences, techniques, and procedures of construction as well as any associated safety precautions and programs, and all incidental and temporary devices required to construct the project, and to provide a complete and fully operational electrical system are the responsibility of the electrical

a. Materials equipment and materials shall conform with appropriate provisions of NEC, ASTM, UL, ETL, NEMA, ANSI, as applicable to each individual unit or

Codes

a. 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 electrical contractor shall satisfy code requirements as a minimum standard without any extra cost to owner.

5. Permits and Fees

a. The electrical contractor shall procure and pay for all permits, fees and inspections necessary to complete the electrical work.

Warranty

a. The electrical contractor shall unconditionally warrant all work to be free of defects in material and workmanship for a period of one (1) year from the date of final acceptance, and will repair or replace any defective work promptly and without charge and restore any other existing work damaged in the course of repairing defective materials and workmanship.

7. Site Examination

CALLOUT

EMW

ΕX

EX/EM

RH1

SM1

SM2

SM3

SM8

SM13

ST1

TL1

WM1

WM5

- a. The electrical contractor shall thoroughly examine all areas of work where equipment will be installed and shall report any condition that, in his opinion, prevents the proper installation of the electrical work prior to bid. He shall also
- examine the drawings and specifications of other branches of work making reference to them for details of new or existing building conditions.

c. Electrical contractor shall take his own measurements and be responsible for

LAMP

(2) 1W LED

(1) 15W LED

(1) 1.31W LED

(1) 1.31W LED

(1) 54W LED

(1) 0.78W LED

(1) 9.7W LED

(1) 9.7W LED

(1) 9.7W LED

(1) 31.4W LED

(1) 9W LED

(1) 18W LED

(1) 10.5W LED

(1) 25W LED

(1) 15W LED

(1) 15W LED

(1) 38W LED/FAN

- b. All work shall be done at times convenient to the owner and only during normal working hours, unless specified otherwise.
- d. Access panels are not shown on drawings. During site examination, contractor

SYMBOL

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shall identify all areas where access panels are required, and report to general contractor. Designation of who furnishes and who installs access panels must be coordinated with general contractor prior to starting work.

8. Contractor Coordination

a. The electrical drawings and specifications convey design intent only. Means and methods, sequences, techniques, and procedures of construction as well as any associated safety precautions and programs, and all incidental and temporary devices required to construct the project are the responsibility of the electrical

b. All systems installed by each sub-contractor shall be coordinated with one another and approved by general contractor/construction manager, etc. prior to installation and/or fabrication. Where the electrical contractor is making a connection to equipment/components that are furnished by others, electrical contractor to verify all connection requirements with actual equipment being connected, including but not limited to OCP size, means of disconnect, special connection requirements, or other items indicated on shop drawings, or manufacturer's installation instructions and/or installation diagrams, and furnish all labor and materials required for the installation and operation of the equipment. No allowances will be made for failure to coordinate, after electrical connections have been installed.

c. If questions concerning design intent arise during coordination, EBS can assist where appropriate.

d. The architectural drawings shall take precedence over all other drawings. Do not scale distances off the electrical drawings; use actual building dimensions.

e. Coordination drawings showing system and component installation layout, routing, details, etc. shall be produced by the electrical contractor and under the supervision of the general contractor/construction manager, or appropriate party as applicable. All systems installed by each sub-contractor shall be coordinated with one another and approved by general contractor/construction manager, etc. prior to installation and/or fabrication. If questions concerning design intent arise during coordination, EBS can assist where appropriate.

9. Utility Coordination a. Electrical contractor to verify installation of metering and utility demarcation

required items per utility company's installation requirements and/or manuals. Submittals

DESCRIPTION

EMERGENCY WALL PACK HIGH CAPACITY

COMBINATION EXIT/EMERGENCY FIXTURE

4" ROUND SURFACE MOUNT DOWNLIGHT

4" ROUND SURFACE MOUNT DOWNLIGHT -

4" ROUND SURFACE MOUNT DOWNLIGHT

SURFACE MOUNT ENTRY VESTIBULE LIGHT

2X2 LED PANEL LIGHT FIXTURE

EMERGENCY WALL PACK

EXIT FIXTURE

36" CEILING FAN

52" CEILING FAN

DAMP RATED

4' LED STRIP LIGHT

TRACK LIGHT - HEAD

EXTERIOR LED LIGHT FIXTURE

EXTERIOR LED LIGHT FIXTURE

LED VANITY LIGHT

SINGLE REMOTE HEAD

a. Products installed by the electrical contractor and provided by others must be submitted for review prior to purchasing. Products shall not be selected based on permit drawings without express permission - products shall be selected

equipment with utility provider prior to start of work and furnish and install

Shop Drawings

based on construction drawings. Record Drawing a. The electrical contractor shall be responsible for creating record drawings where required. Drawings shall be produced in Autocad 2004 format or later.

a. Submit to the architect pdf file copies of complete & certified shop drawings, descriptive data, performance data & ratings, diagrams and specifications on all

specified equipment, including accessories, and materials for review.

b. The make, model number, type, finish & accessories of all equipment and materials shall be reviewed & approved by the electrical contractor & general

contractor prior to submitting to the architect for their review & approval. c. Review of shop drawings does not relieve the electrical contractor/vendor from compliance with the requirements of the contract drawings, specifications & applicable codes.

a. All electrical systems shall be tested for proper operation. Balance all branch circuit loads between the phases of the system to within 10% of the highest

phase load in each panelboard.

a. The electrical contractor shall provide temporary electrical wiring for construction. The temporary service shall be a minimum of 60 amps, single phase, three wire, 120/208 volts fused at main disconnect. All receptacles on this temporary service shall be protected by a GFI breaker.

15. Mechanical Equipment

a. All final connections to mechanical equipment shall be done by the electrical contractor. 16. Demolition

a. The electrical contractor shall be responsible for deenergizing circuits in demolition areas to insure a safe condition. Electrical devices and associated wiring located within the demolition area that will no longer be used shall be removed and properly disposed of at contractor's expense unless otherwise

Power Outages

a. The electrical contractor shall schedule all electrical system(s) outages with the general contractor and owner at least 24 hours in advance. Unless approved otherwise all outages shall occur between 11:00pm and 5:00am.

Grounding and Bonding a. Contractor to provide grounding and bonding as required for electrical systems. Grounding and bonding is considered means and methods of construction, and

b. Any gas piping systems must be bonded per utility provider's installation guidelines where required.

should be completed by the electrical contractor in accordance with NEC 250.

FINDLAY FLAT LUMINAIRE SCHEDULE

SURE LITES - SEL50

SURE-LITES - APX7R

SURE-LITES - APCH7R

HUNTER - 59301

HUNTER - 51433

HALO - SMD4

HALO - SMD4

HALO - SMD4

METALUX - CGT LED PANEL SERIES

HALO - L81208FL9027P L651P

EFFICIENT - EL222L-24

EFFECIENT LIGHTING - EL-831-109E26LED-BN

LIGMAN LIGHTING USA - UJE-30351 - XX - X -

STEEL LIGHTING CO - VENICE WALL MOUNT -

A09-01- ST11-01-XX-01 (3000K LED LAMP)

METALUX - 4SNLED-LD5-28SL-UNV-L835-CD1-U 18

SURE-LITES - APWR1

MODEL

MEZZO - MEZ LED ACEM DB 120/277 CL

a. Provide all new material and equipment unless noted otherwise. All equipment shall be UL approved and labeled, or other approved testing organization which has acceptance by the local jurisdiction, for the purpose for which they are used, in addition to meeting all requirements of the current applicable codes and regulations. No substitution to materials specified will be allowed unless approved

b. Electrical contractor shall not order or purchase any materials or equipment until permit drawings have been approved. No allowances will be made for any

INPUT VA

15

1.31

1.31

54

0.78

9.7

9.7

9.7

31.4

10.5

25

NOTES

FRESH WHITE

FRESH WHITE

BLACK FINISH

WHITE FINISH

WHITE FINISH

WHITE FINISH

BLACK

POWDER COAT BLACK

COLOR 01-BLACK RAL 9011

11" STRAIGHT ARM (VERIFY

MOUNTING WITH ARCHITECT)

changes that occur if permit drawings have not been approved prior to ordering.

20. Cutting and Fitting a. Perform cutting, coring, fitting, repairing and finishing of the work necessary for

the installation of the equipment of this section. However, no cutting of the work of other trades or of any structural member shall be done without the consent of the owner. Properly fill, seal, fireproof, and waterproof all openings, sleeves, and holes in slabs, walls, and casework.

21. Wiring Methods

a. Provide code approved wiring methods for branch circuiting indoors, such as NM cable (only where permitted by NEC 334), EMT conduit, or MC cable for mechanical equipment, lighting, and power.

b. Conduit runs on exterior of building shall be rigid steel conduit with weather tight, corrosion-resistant fittings. Schedule 40 PVC is acceptable where permitted by code and or underground runs or concrete encasement where not exposed to physical damage.

- c. The minimum size of conduit shall be 3/4" unless otherwise noted. Conduit connectors shall be double locknut type, UL listed and labeled, with compression or set screw fittings.
- d. Rigid conduit shall be hot dipped galvanized.
- e. Where raceways are installed for others to use, or for future use, provide nylon
- f. Penetrations through fire rated construction shall be sealed using 3M fire barrier caulk, Nelson Electric Flameseal or T&B Flamesafe or other approved method. 22. Conductors and Terminations

a. Branch conductors shall be copper, feeders as indicated on riser diagram. Conductors shall be insulated for 600y number 12 AWG minimum. Provide wires and cables as indicated listed and suitable for temperature, conditions, and

location where installed. 23. Motors and Other Wiring

a. The electrical contractor shall provide all required conduit, wiring, and safety switches for all motors, and other electrical equipment, even though the motors and electrical equipment may be supplied by others. The electrical contractor shall include all work and connections required to make the system complete and operational. Provide magnetic starters for equipment as indicated on the drawings.

b. The electrical equipment may include but not be limited to such items as grille motors and interlocks, exterior and interior signage, starting devices, motor controllers, float switches, alarm devices or systems, push buttons, exhaust fans, data systems, intercoms and stereo systems. The electrical contractor shall verify equipment location and sizes with the trade supplying the equipment before installing the conduit or outlets.

24. Devices

LOCATIONS

LIVING ROOM AND BEDROOM

LIVING ROOM AND BEDROOM

GENERAL DOWNLIGHT

THROUGHOUT, U.N.O.

CEILING DOWNLIGHTS IN

CORRIDORS

BATHROOMS

CEILING DOWNLIGHTS IN SHOWERS

COMMERCIAL FIRST FLOOR ONLY

STAIR HALL ENTRY VESTIBULE LIGHT - 1ST FLOOR ONLY

BASEMENT AND ATTIC ONLY

COMMERCIAL 1ST FLOOR ONLY

RESIDENTIAL AND COMMERCIAL

EXTERIOR - DARK SKY COMPLIANT

EXTERIOR - DARK SKY COMPLIANT

a. Hubbell, Leviton, or approved equal with matching coverplates b. Provide specification grade wiring devices, in types, characteristics, grades, colors, and electrical ratings for applications indicated, which are UL-listed and which comply with NEMA WD1 and other applicable UL and NEMA standards. Verify color selections with architect. Provide device plates to match device

c. Provide GFCI protection for all kitchen 15 and 20-amp receptacles. Where the receptacle is rendered inaccessible by equipment provide GFCI protection at the circuit breaker.

25. Service entrance and distribution equipment

a. Electrical contractor must submit drawings for permit and receive approval prior to ordering equipment. No allowances will be made for equipment changes that occur prior to receipt of approved plans.

26. Disconnects and Fused Switches

a. Heavy duty type, horsepower rated with interlocking cover. NEMA 1 typical. Outdoor and wet location switches shall be raintight type NEMA 3Rr. All switches shall be lockable. Fuses in circuits rated at 600 amperes or less shall be UL class RK1 dual-element, time-delay, current limiting fuses. Fuses in circuits rated at 601 amperes or larger shall be UL class I time-delay, current limiting fuses.

27. Nameplates

a. Provide permanent nameplate labeling on all disconnects. Include load served, voltage, phase, horsepower, fuse size, and type.

a. Mount independent of the mechanical unit housing unless specifically accepted by the local code authority. Provide Unistrut support channels mounted in coordination with roof penetration and patching work. Coordinate with general

29. Grounding and bonding for electrical systems and equipment

a. Provide grounding and bonding for electrical service in accordance with NEC article 250.

b. All major parts not carrying current, including but not limited to, secondary feeder circuit, equipment and panelboard enclosures, pull and junction boxes, shall be properly grounded. Metallic raceways shall utilize double locknuts and other fittings as required to provide ground continuity.

30. Multi-tenant Meter Centers

a. Provide meter centers(s) as shown on the drawings and as specified herein. Meter centers shall have main lugs only or main breakers as required, and shall have branch breaker installed for each meter socket. Meter centers shall be Eaton, Square D, GE by ABB, or equal, and shall be of the same manufacture as load centers or panelboards served. Meter centers shall be enclosed NEMA 1, NEMA 3R as required. Final configuration (number of meters per section, end-main/center-main, etc. shall be determined by contractor. All bussing must be rated for the loads served. Meter centers shall be rated to withstand the available fault current.

31. Panelboards

a. Provide branch circuit panelboard(s) as shown on the drawings and as specified herein. Panelboards shall have bolted, thermal and magnetic breakers with main lugs only or main breakers as required. Panelboards shall be Eaton, Square D, GE by ABB, or equal, and be enclosed in NEMA 1 type housing unless noted otherwise. Enclosure(s) shall be complete with a hinged door, cylinder lock, and a neatly typed directory under plastic cover in each panel door. All multiple pole breakers shall have a common trip handle. All panels and breakers shall be rated to withstand available fault current.

32. Residential Load Centers

a. Provide load centers as shown on drawings and as specified herein. Load centers shall be Eaton, Square D, GE by ABB, or equal. Load centers shall contain a neatly typed directory in each door. All multiple pole breakers shall have a common trip handle. All panels and breakers shall be rated to withstand available fault current. Load centers may be used in areas other than dwelling units where appropriate and where approved by Owner's representative.

33. Lighting

a. Provide a new lighting system complete and fully operational and in conformance with code and UL listing requirements. Clean all fixtures at time of job completion utilizing manufacturers approved or recommended cleaning solutions. All fixtures and lamps are provided by this contractor as scheduled unless noted otherwise. Contractor shall furnish all boxes, mounting kits, transformers, controllers, and other components necessary for a complete and fully functional installation.

b. Where dimmers and/or dimming systems are required, contractor to furnish dimmers that are compatible with fixture source and rated for the wattage of the dimming zone. Provide additional dimmers as required to meet zone load

34. Telephone System

a. Telephone wiring and system provided by owner. Verify system requirements and rough-in locations with owner prior to start of construction. Electrical contractor shall provide plaster ring and pull string from each device location to above accessible ceiling.

35. Security System Notes

a. Security wiring and system provided by owner. Verify system requirements and rough-in locations with owner prior to start of construction. Provide power for

owner's head-end equipment and remote power for secure doors as required.

36. Data/Pos/A-V/System Notes a. Data, POS and/or A-V wiring and systems provided by owner. Verify system requirements and rough-in locations with owner prior to start of construction. Electrical contractor shall provide plaster ring and pull string from each device

location to above accessible ceiling. 37. Fire Alarm System

a. Fire alarm system to be design-build by contractor. Contractor shall provide all required drawings and submit to authorities. Refer to architect's code sheet for relevant design criteria. Submit drawings to Owner/Architect for review prior to submitting to authorities. Provide required items including but not limited to relay modules, monitor modules, return-air detectors, elevator recall, etc. Provide remote annunciator panel(s) at location(s) approved by Architect and authorities.

Progress Dates 05/05/2023 BID P/E/FP 08/30/2024 BID SET 2

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Revisions

Checked By: PRS

Drawn by: AIW



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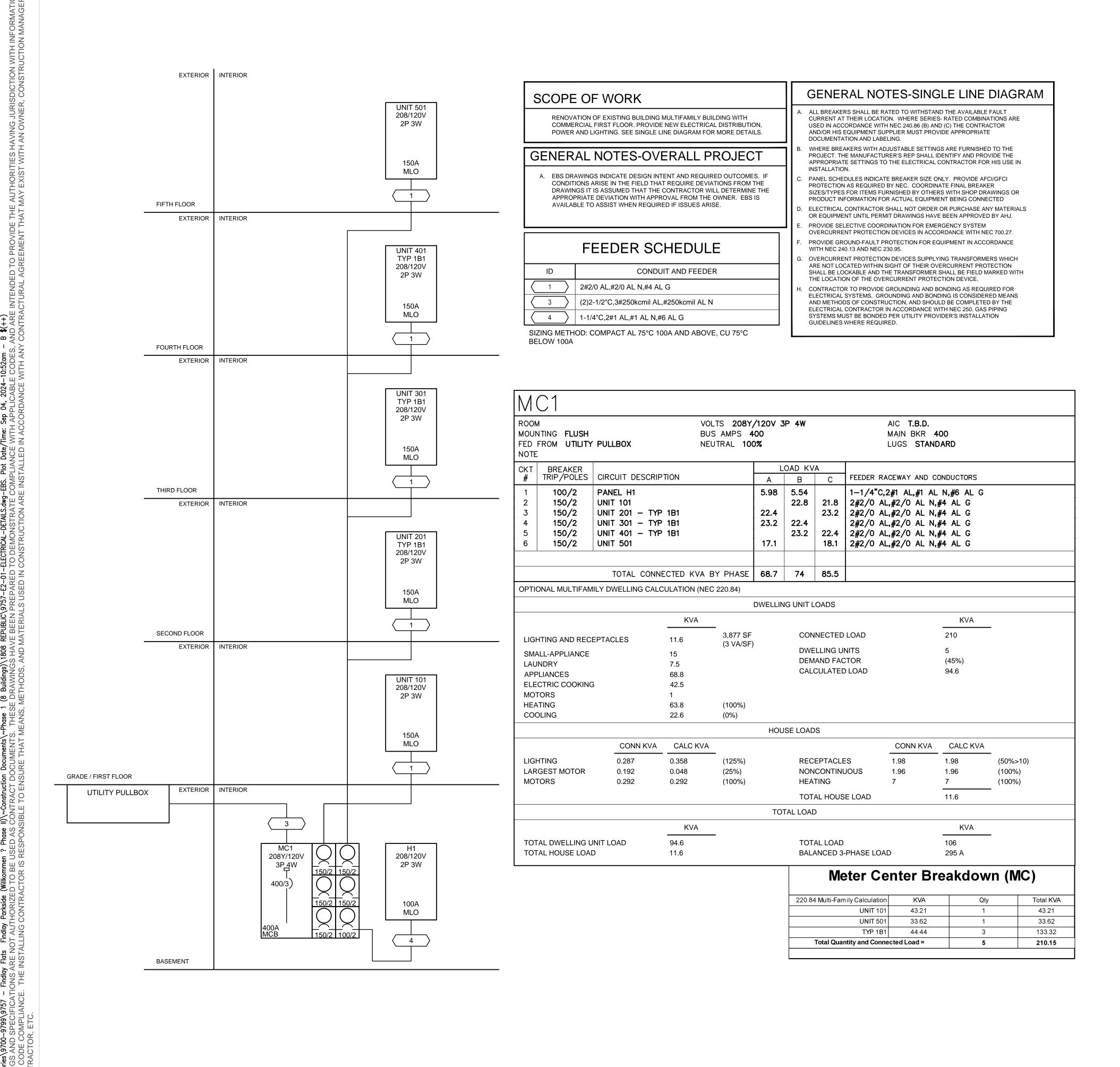
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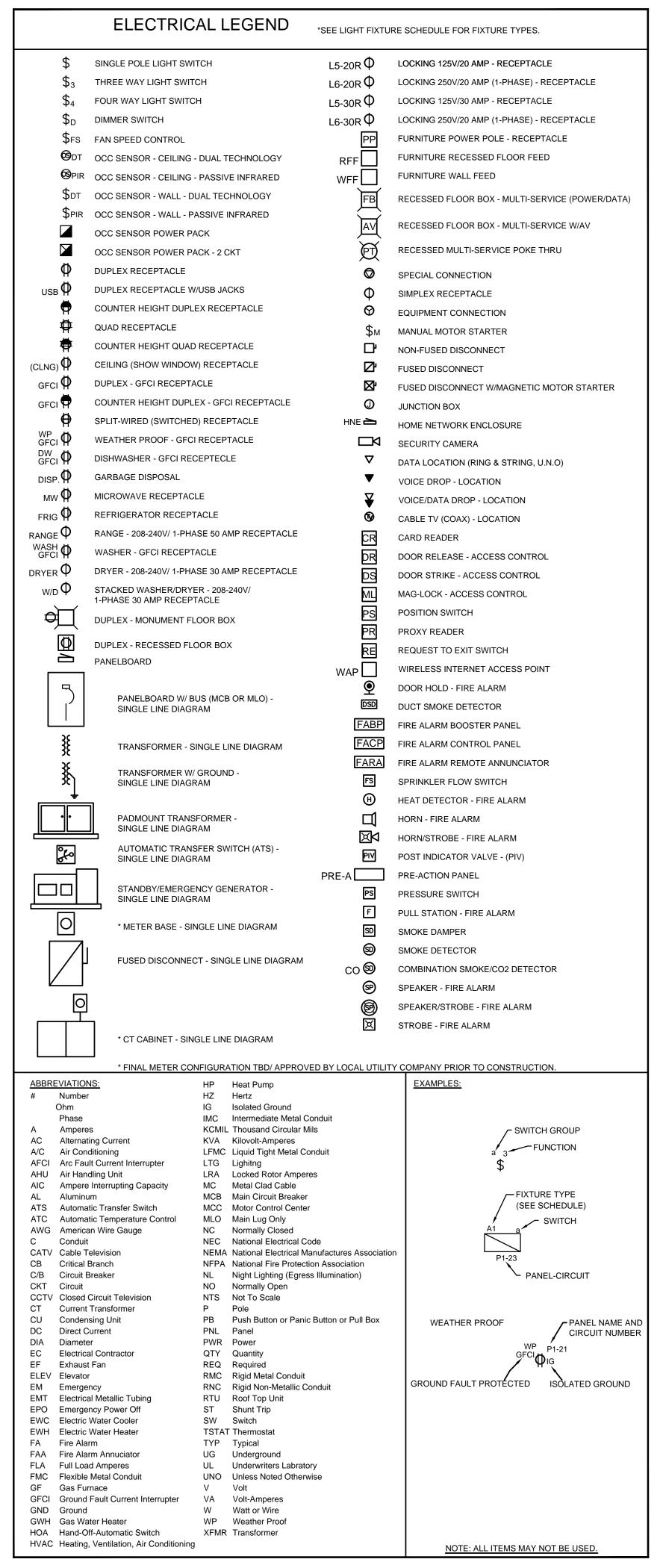
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Job No: 22042

ELECTRICAL DETAILS





PLAT TE architecture + design

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Progress Dates 05/05/2023 BID P/E/FP 08/30/2024 BID SET 2 Revisions Checked By: PRS Drawn by: AIW **ENGINEERED** BUILDING SYSTEMS INC. TEAMWORK COLLABORATION SHARED SUCCESS 515 Monmouth Street, Suite 204 Newport, KY 41071 (859) 261-0585 MEP Consulting Services, Inc. in OH Copyright © 2015 THIS DOCUMENT IS THE PRODUCT AND EXCLUSIV NEITHER THE DOCUMENT NOR THE INFORMATION SPECIFIC PURPOSE FOR WHICH IT WAS PREPARE BUILDING SYSTEMS, INC.

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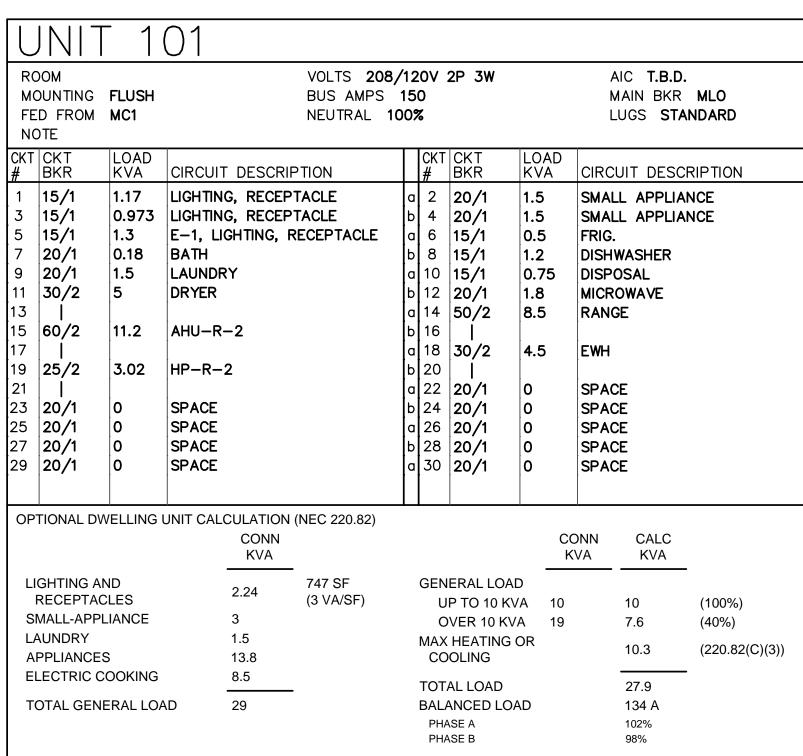
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8/10/2022

REN

Job No: 22042

ELECTRICAL DETAILS I **L2.**



Multi-Family Dwelling Unit Calc	KVA
Total General Load	28.99
Largest Heating or Cooling Load 220.84	14.22
220.84 CONNECTED LOAD CALC	43.21

220.84 CONNECTED LOAD CALC 44.44

APPLIANCE BREAK	(DOWN
TYPE	KVA
REFRIGERATOR	0.5
DISHWASHER	1.2
DISPOSAL	0.75
MICROWAVE	1.8
WATER HEATER	4.5
DRYER	5
TOTAL	13.75

APPLIANCE BREAKDOWN

REFRIGERATOR DISHWASHER DISPOSAL MICROWAVE

WATER HEATER

HOW WATER RECIRC PUMP

DRYER

HVAC Load Calculation	KVA	NEC Code
Heating	14.22	
Cooling	3.02	
Mini Split	0.00	
100% of Nameplate Rating of AC and Cooling	3.02	220.82 C(1)
100% of Nameplate Rating of Heat Pump w/o Supplmental Heat	0.00	220.82 C(2)
Heat Pump plus 65% of Supplemental Heat	10.30	220.82 C(3)
Largest Heating or Cooling Load	14.22	220.84 C(5)

	YP	1E	31		_							TYP 1B1 UNIT 201 UNIT 301	
M FE	DOM DUNTING ID FROM DTE	FLUSH		VOLTS 208 BUS AMPS NEUTRAL 1	15	0	2P 3W			AIC T.B.D. MAIN BKR LUGS STA	MLO	UNIT 401	
CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCR	IPTION		CKT #	CKT BKR	LOAD KVA	CIR	CUIT DESC	RIPTION		
1 3 5 7 9 11 13 15 17 19 21 23 25 27	15/1 15/1 15/1 20/1 20/1 30/2 35/2 60/2 20/1 20/1 20/1	1.34 1.19 0.778 0.18 1.5 5 5.2 9.9 0 0	E-1, LIGHTING, LIGHTING, RECE LIGHTING, RECE BATH LAUNDRY DRYER HP-2 AHU-A-2 SPACE SPACE SPACE SPACE SPACE SPACE	PTACLE	рарарар	4 6 8 10 12 14 16 18 20 22 24 26 28	ĺĺ	1.5 1.5 0.5 1.2 0.75 1.8 8.5 4.5 0.25 0	SMA FRIC DISH DISH	HWASHER POSAL ROWAVE GE CE CE CE			
	TIONAL DV		UNIT CALCULATION CONN KVA	N (NEC 220.82) - 780 SF	•	CEN	ERAL LOA		ONN KVA	CALC KVA			
	RECEPTAG	CLES	2.34	(3 VA/SF)		U	P TO 10 K	VA 10		10	(100%)		
L/	MALL-APP AUNDRY PPLIANCE	S	3 1.5 13.8			MAX	VER 10 K\ HEATING OLING		3	7.74 11.6	(40%) (220.82(C)(3))		
	LECTRIC C IOTORS	OUKING	8.5 0.25				AL LOAD	A.D.		29.4		Multi-Family Dwelling Unit Calc	KVA
Т	OTAL GEN	ERAL LOA	AD 29.3	_		PHA	ANCED LO ASE A ASE B	AD		141 A 101% 98.6%		Total General Load Largest Heating or Cooling Load 220.84	29.34 1 15.10
										00.070		220 84 CONNECTED LOAD CALC	44.44

	PHASE B 98.6%		
	HVAC Load Calculation	KVA	NEC Code
/A	Heating	15.10	
.5 .2	Cooling	5.20	
75	Mini Split	0.00	
.8	100% of Nameplate Rating of AC and Cooling	5.20	220.82 C(1)
.5	100% of Nameplate Rating of Heat Pump w/o Supplmental Heat	0.00	220.82 C(2)
25	Heat Pump plus 65% of Supplemental Heat	11.64	220.82 C(3)
.00	Largest Heating or Cooling Load	15.10	220.84 C(5)
_			

R	JNIT DOM	5	01	VOLTS 208	/1:2	POV	2P 3W			AIC T.B.D.	
M FE	OUNTING ED FROM OTE	FLUSH MC1		BUS AMPS NEUTRAL 1	15	0	21 011		N	IAIN BKR UGS STA	MLO
CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRI	PTION		CKT #	CKT BKR	LOAD KVA	CIRC	UIT DESC	RIPTION
1 3 5 7 9 11 13 15 17 19 21 23 25 27 29	15/1 15/1 15/1 20/1 20/1 30/2 30/2 20/2 20/1 20/1 20/1 20/1	1.17 1.33 1.32 0.18 1.5 5 3.95 0.3	LIGHTING, RECEPE-1, LIGHTING, LIGHTING, RECEPEATH LAUNDRY DRYER ODU-1 H-3 SPACE SPACE SPACE SPACE SPACE SPACE	PTACLE RECEPTACLE	a b a b	2 4 6 8 10 12 14 16 18 20 22 24 26 28	20/1 20/1 15/1 15/1 15/1 20/1	1.5 1.5 0.5 1.2 0.75 1.8 8.5 4.5 0.25 0	SMAL SMAL FRIG. DISH	L APPLIA L APPLIA WASHER DSAL OWAVE SE	NCE
S L A E	TIONAL DV IGHTING AI RECEPTAC MALL-APPI AUNDRY PPLIANCE: LECTRIC C IOTORS OTAL GENI	ND CLES LIANCE S OOKING	2.37 3 1.5 13.8 8.5 0.25 AD 29.4	(NEC 220.82) - 790 SF (3 VA/SF)		U MAX CC TOT BAL	ERAL LOA P TO 10 KV VER 10 KV HEATING OLING AL LOAD ANCED LOA ASE B	K D /A 10 /A 19.4 OR		CALC KVA 10 7.75 4.15 21.9 105 A 102% 97.5%	(100%) (40%) (220.82(C)(3))

		PHASE B 97.5%		
APPLIANCE BREAKDOWN		HVAC Load Calculation	KVA	NEC Code
TYPE	KVA	Heating	4.25	
REFRIGERATOR	0.5	Cooling	3.95	
DISHWASHER	1.2		1	+
DISPOSAL	0.75	Mini Split	0.00	
MICROWAVE	1.8	100% of Nameplate Rating of AC and Cooling	3.95	220.82 C(1)
WATER HEATER	4.5	100% of Nameplate Rating of Heat Pump w/o Supplmental Heat	0.00	220.82 C(2)
DRYER	5	Heat Pump plus 65% of Supplemental Heat	4.15	220.82 C(3)
HOW WATER RECIRC PUMP	0.25	Largest Heating or Cooling Load	4 25	220.84 C(5)
TOTAL	14.00		1.20	1220.0 : 0(0)

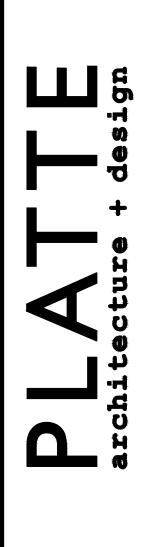
Multi-Family Dwelling Unit Calc

220.84 CONNECTED LOAD CALC

Largest Heating or Cooling Load 220.84 4.25

29.37

F	1													
M(FE	DOM DUNTING D FROM DTE	FLUSH MC1			/12 10 00:	0	2P 3W	AIC T.B.D. MAIN BKR MLO LUGS STANDARD						
	CKT BKR	LOAD KVA	CIRCUI	T DESCRI	PTION	T	CKT #	CKT BKR	L0 KV	AD 'A	CIRC	UIT DESC	CRIPTION	
1 3 5 7 9 11 13 15 17 19 21 23	20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	0.287 0.72 1 0.36 0.5 0.192 0 0 0	E-2, F RECEP (SR) S MONITO	EPTACLE , RECEPTACLE EPTACLE) SPRINKLER RISER IITORING SYSTEM URE RADON CE CE CE CE CE			2 4 6 8 10 12 14 16 18 20 22 24	20/2 20/2 20/2 20/1 20/1 20/1 20/1 20/1	2 2 2 1 0.9 0 0 0	96	H-1 H-1 H-1 DH-1 (DE-1) DEHUMIDIFIER SPACE SPACE SPACE SPACE SPACE			
L	GHTING ARGEST MOTOR		CONN KVA).287).192	CALC KVA 0.358 0.048	(125%) (25%)	1	REC NON HEA TOT BAL	TORS EPTACLES ICONTINUO TING AL LOAD ANCED LOA ASE A	OUS	0.29 1.98		CALC KVA 0.292 1.98 1.96 7 11.6 56 A 103% 96.5%	(100%) (50%>10) (100%) (100%)	



202 W. ELDER STREET WWW.PLATTEDESIGN.

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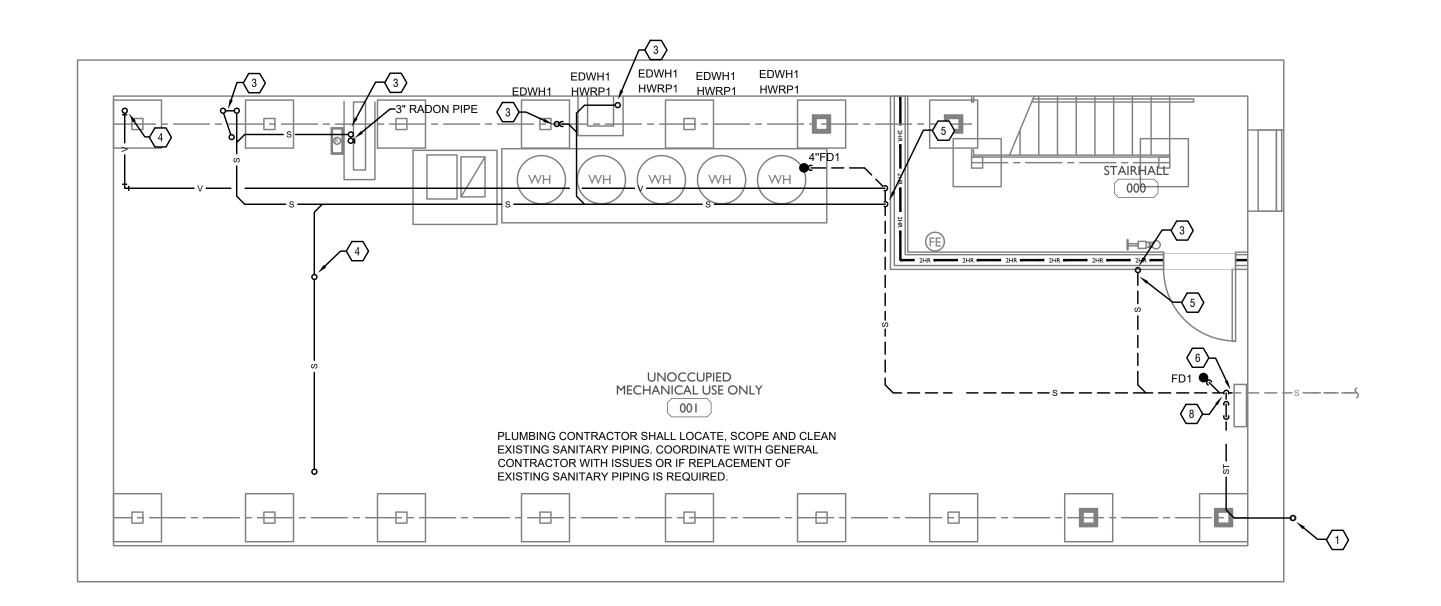
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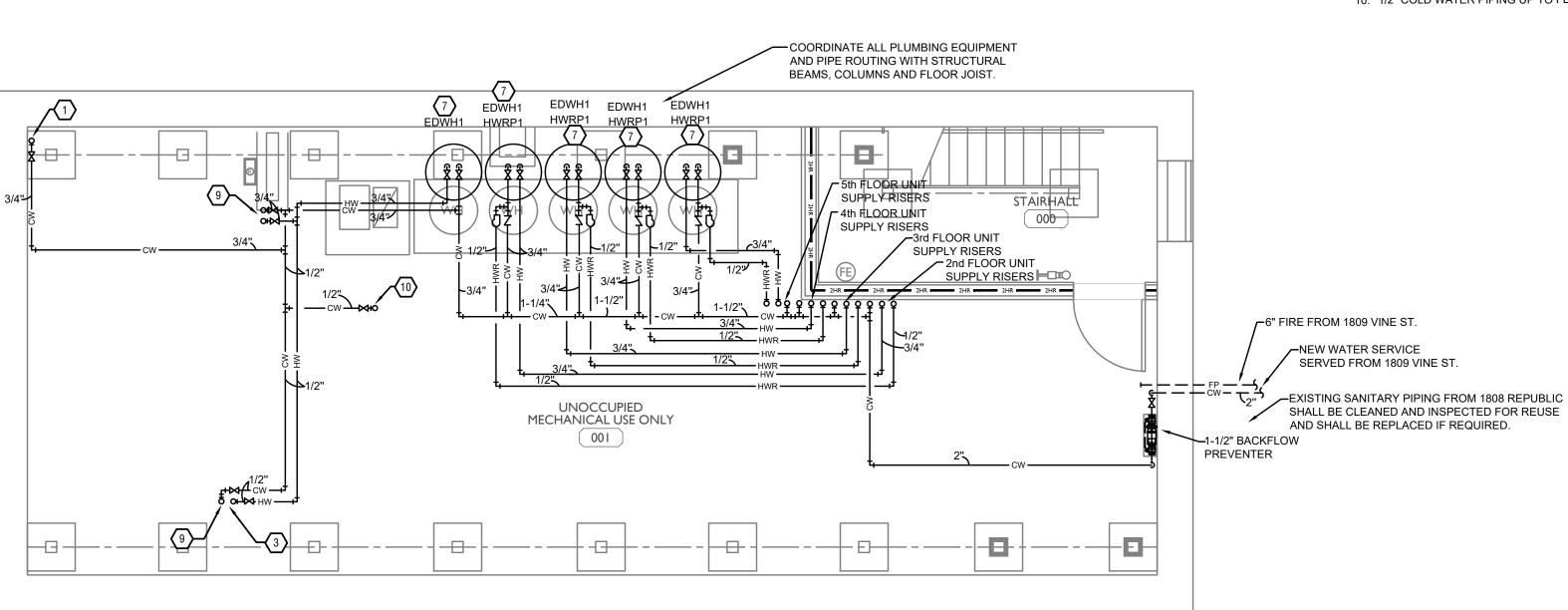
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_ ST 1808 REPUBLIC RENO

Job No: 22042 8/10/2022





	PLUMBING LEGEND					
SYMBOL	DESCRIPTION					
s	SANITARY/WASTE PIPING BELOW FLOOR					
—-s—	SANITARY/WASTE PIPING ABOVE CEILING					
v	VENT PIPING					
cw	COLD WATER PIPING					
——HW——	HOT WATER PIPING					
——HWR——	HOT WATER RETURN PIPING					
—— G ——	NATURAL GAS PIPING					
——ST——	STORM PIPING					
FD●	FLOOR DRAIN					
<u>RD</u> ©	ROOF DRAIN					
<u>od</u>	OVERFLOW DRAIN					
—₩—	BALL VALVE					
─ ₩	CHECK VALVE					
—— <i>®</i> ——	BALANCING VALVE					
CO •	CLEANOUT					
WH H	FROST PROOF WALL HYDRANT					
#	VENT THROUGH ROOF RISER INDICATOR					
O	HOT WATER RETURN PUMP					

PLUMBING BASEMENT KEYED NOTES

PROVIDE NEW DOWNSPOUT CONNECTION.

2. 3/4" COLD WATER PIPING UP TO SERVE WALL HYDRANT ON FLOOR ABOVE.

3. SANITARY PIPING UP TO FLOOR ABOVE. REFER TO ISOMETRICS FOR PIPE SIZES.

4. VENT PIPING UP TO FLOOR ABOVE. REFER TO ISOMETRICS FOR PIPE SIZES.

5. SANITARY PIPING DOWN UNDER SLAB. REFER TO ISOMETRICS FOR PIPE SIZES.

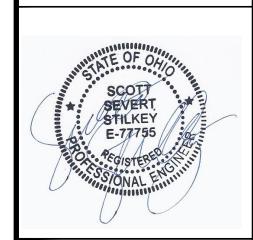
6. CONNECT NEW SANITARY PIPING TO EXISTING SANITARY PIPING.

7. ELECTRIC TANK TYPE WATER HEATER WITH HEAT TRAPS ON INLET AND OUTLET. 3/4" COLD WATER IN, 3/4" HOT WATER OUT. PROVIDE DRAIN PAN AND PIPE DRAIN AND PRESSURE RELIEF VALVE INDEPENDENTLY AND INDIRECTLY TO FLOOR DRAIN. REFER TO DETAIL SHEETS FOR SPECIFICATIONS.

8. CONNECT NEW STORM LEADERS WITH RUNNING TRAP TO EXISTING SANITARY

9. HOT AND COLD WATER PIPING UP TO SERVE APARTMENT ON FLOOR ABOVE.

10. 1/2" COLD WATER PIPING UP TO FLOOR ABOVE.



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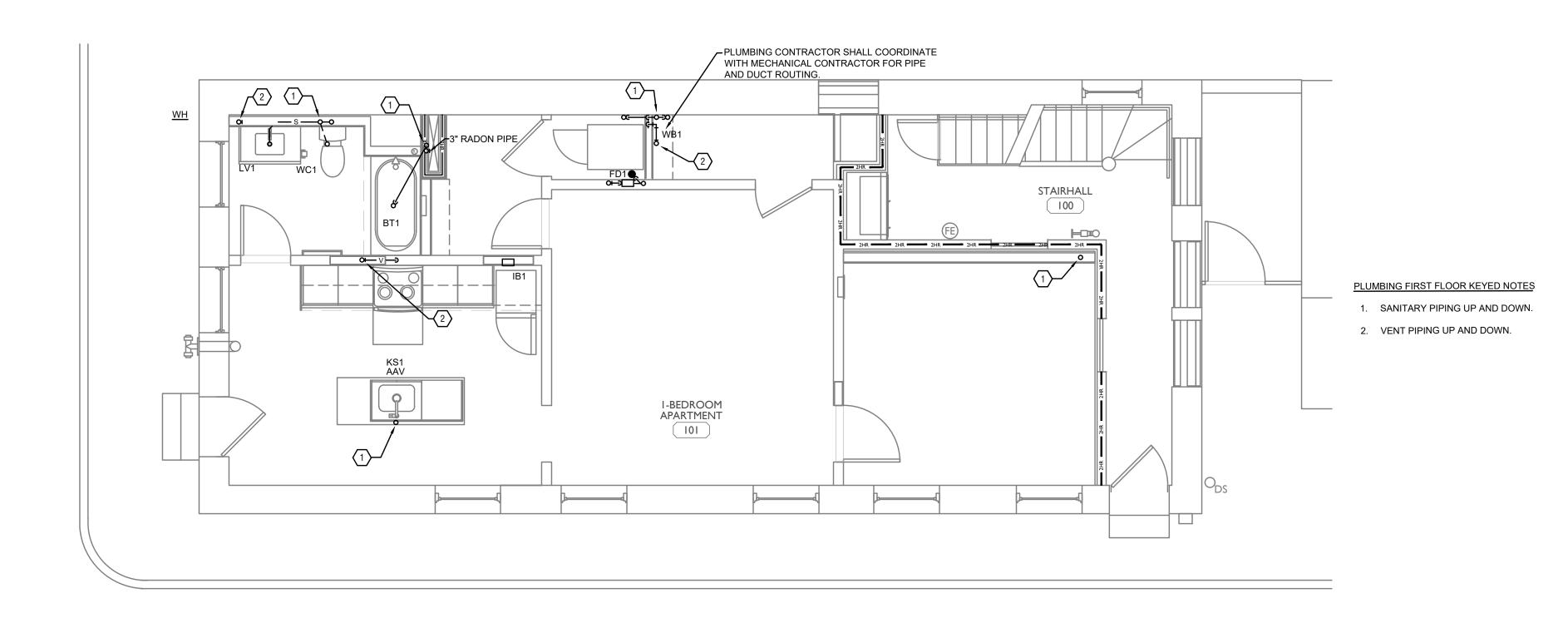
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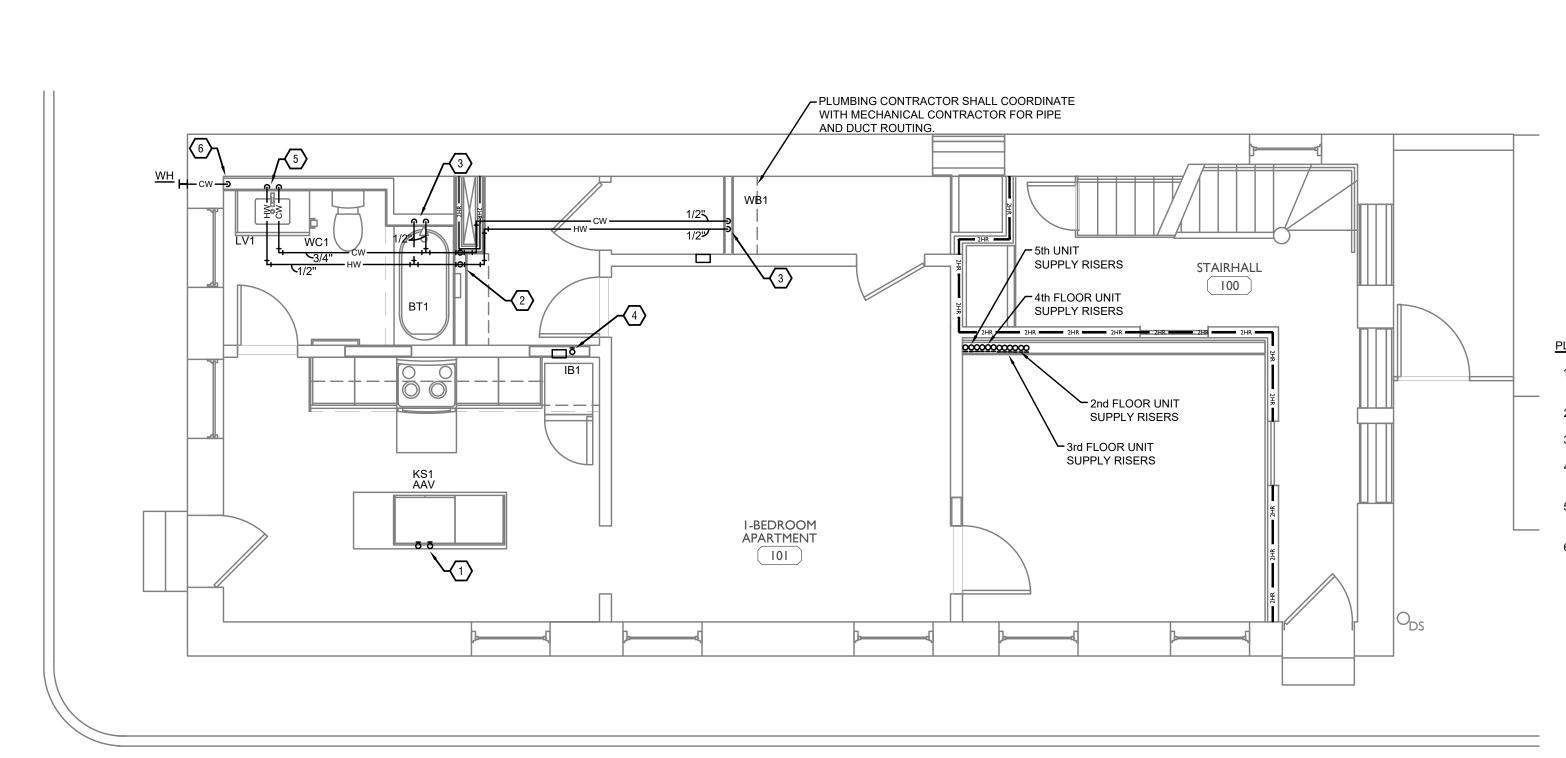
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Job No: 22042





PLUMBING LEGEND					
SYMBOL	DESCRIPTION				
s	SANITARY/WASTE PIPING BELOW FLOOR				
—-s—	SANITARY/WASTE PIPING ABOVE CEILING				
v	VENT PIPING				
cw	COLD WATER PIPING				
——HW——	HOT WATER PIPING				
——HWR——	HOT WATER RETURN PIPING				
—— G ——	NATURAL GAS PIPING				
——ST——	STORM PIPING				
FD●	FLOOR DRAIN				
<u>RD</u> ©	ROOF DRAIN				
<u>od</u>	OVERFLOW DRAIN				
—₩—	BALL VALVE				
─ ✓	CHECK VALVE				
	BALANCING VALVE				
CO•	CLEANOUT				
WH H	FROST PROOF WALL HYDRANT				
#	VENT THROUGH ROOF RISER INDICATOR				
O	HOT WATER RETURN PUMP				

SCOT W. ELDER

WWW.PLATT

WWW.PLATT

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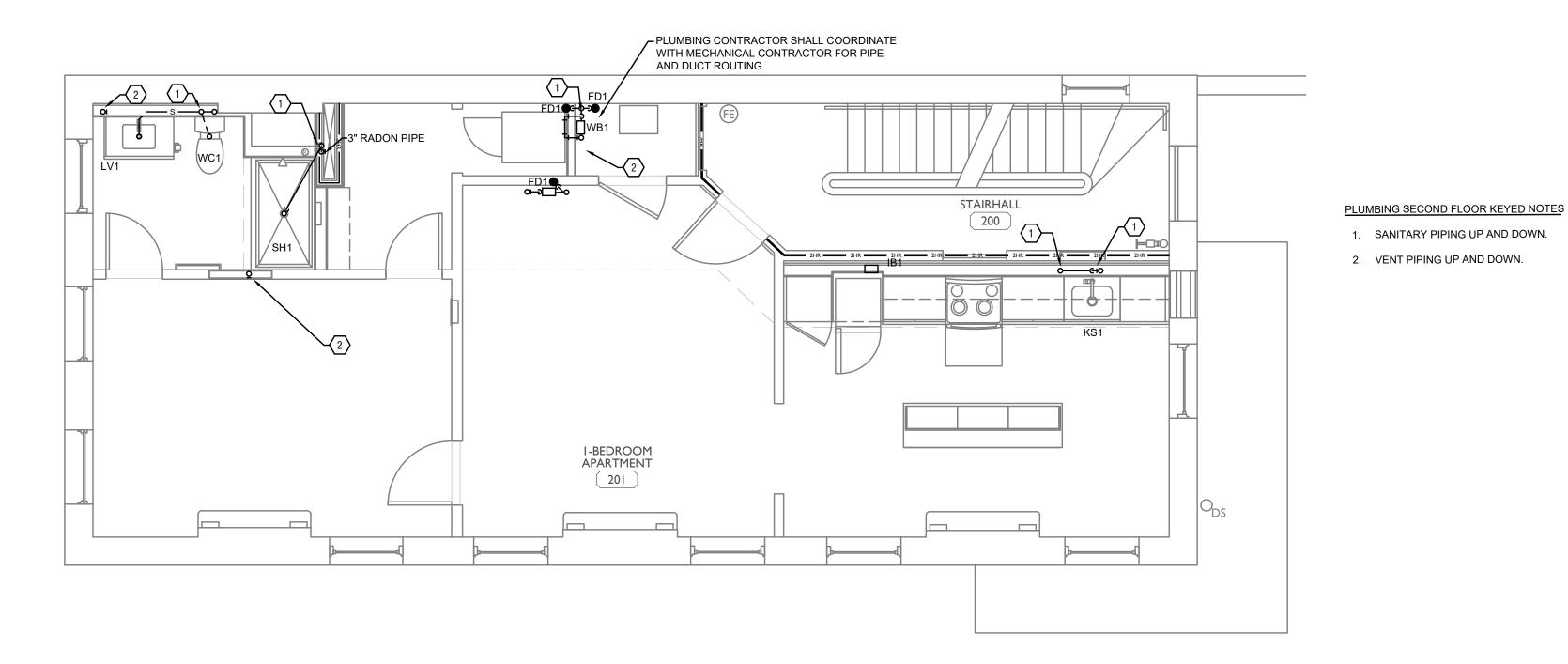
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Job No: 22042 8/10/2022

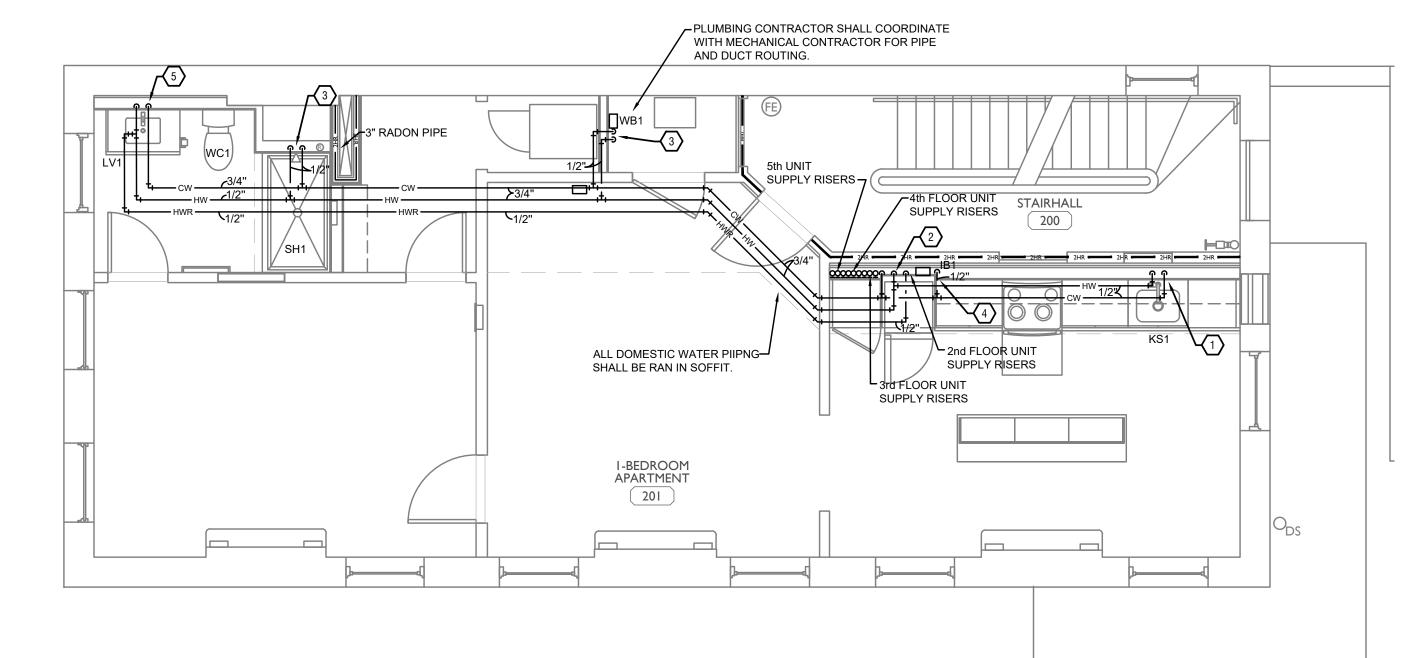
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PLUMBING FIRST FLOOR KEYED NOTES

- 1/2" HOT AND COLD WATER UP FROM BELOW. 1/2" HOT AND COLD WATER TO KITCHEN SINK, 1/2" HOT WATER TO DISHWASHER.
- 2. 3/4" HOT AND COLD WATER PIPING UP FROM FLOOR BELOW.
- 3. 1/2" HOT AND COLD WATER TO SERVE PLUMBING FIXTURE.
- 4. 1/2" COLD WATER PIPING UP FROM BELOW TO SERVE VALVE BOX FOR REFRIGERATOR.
- 5. 1/2" HOT WATER AND 3/4" COLD WATER DOWN. 1/2" HOT AND COLD WATER TO LAVATORY AND 1/2" COLD WATER TO WATER CLOSET.
- 6. 3/4" COLD WATER PIPING UP FROM FLOOR BELOW TO SERVE WALL HYDRANT.



	PLUMBING LEGEND				
SYMBOL	DESCRIPTION				
 s 	SANITARY/WASTE PIPING BELOW FLOOR				
—-s—	SANITARY/WASTE PIPING ABOVE CEILING				
v	VENT PIPING				
cw	COLD WATER PIPING				
——HW——	HOT WATER PIPING				
——HWR—	HOT WATER RETURN PIPING				
—— G ——	NATURAL GAS PIPING				
st	STORM PIPING				
FD●	FLOOR DRAIN				
<u>rd</u> @	ROOF DRAIN				
<u>od</u>	OVERFLOW DRAIN				
—₩—	BALL VALVE				
— /	CHECK VALVE				
	BALANCING VALVE				
CO •	CLEANOUT				
WH H	FROST PROOF WALL HYDRANT				
#	VENT THROUGH ROOF RISER INDICATOR				
O	HOT WATER RETURN PUMP				



PLUMBING SECOND FLOOR KEYED NOTES

- 1/2" HOT AND COLD WATER DOWN IN WALL. 1/2" HOT AND COLD WATER TO KITCHEN SINK, 1/2" HOT WATER TO DISHWASHER.
- 2. 3/4" HOT WATER, 3/4" COLD WATER AND 1/2" HOT WATER RETURN PIPING UP
- FROM FLOOR BELOW.
- 3. 1/2" HOT AND COLD WATER TO SERVE PLUMBING FIXTURE.
- 4. 1/2" COLD WATER PIPING DOWN TO SERVE VALVE BOX FOR REFRIGERATOR.
- 5. 1/2" HOT WATER AND 3/4" COLD WATER DOWN. 1/2" HOT AND COLD WATER TO LAVATORY AND 1/2" COLD WATER TO WATER CLOSET.



PLATTE architecture + design

202 W. ELDER STREET 4"

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Progress Dates

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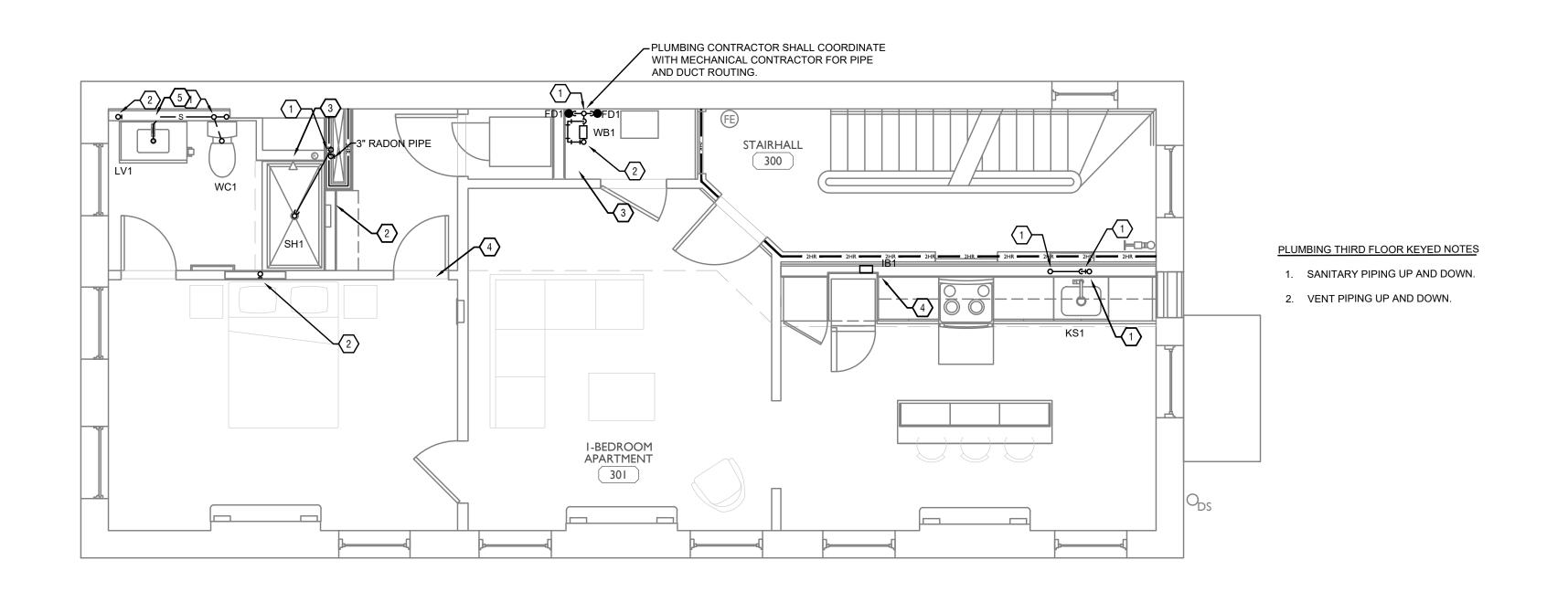
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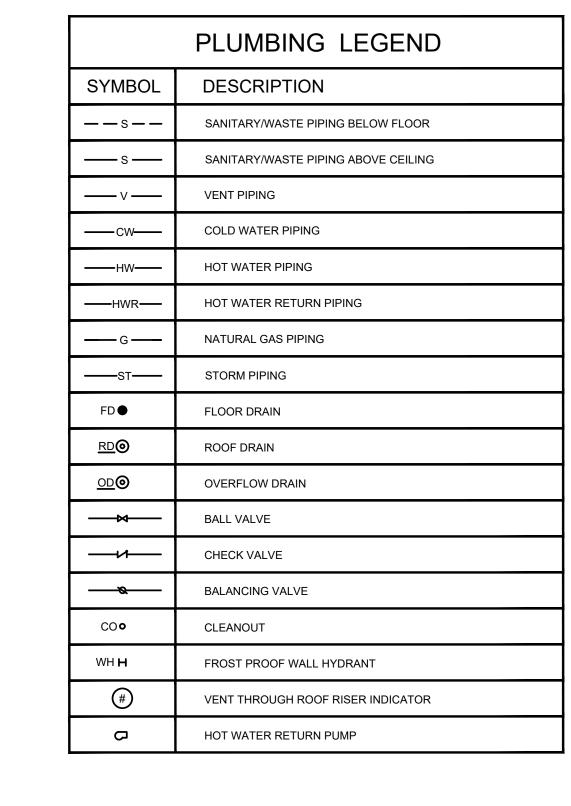
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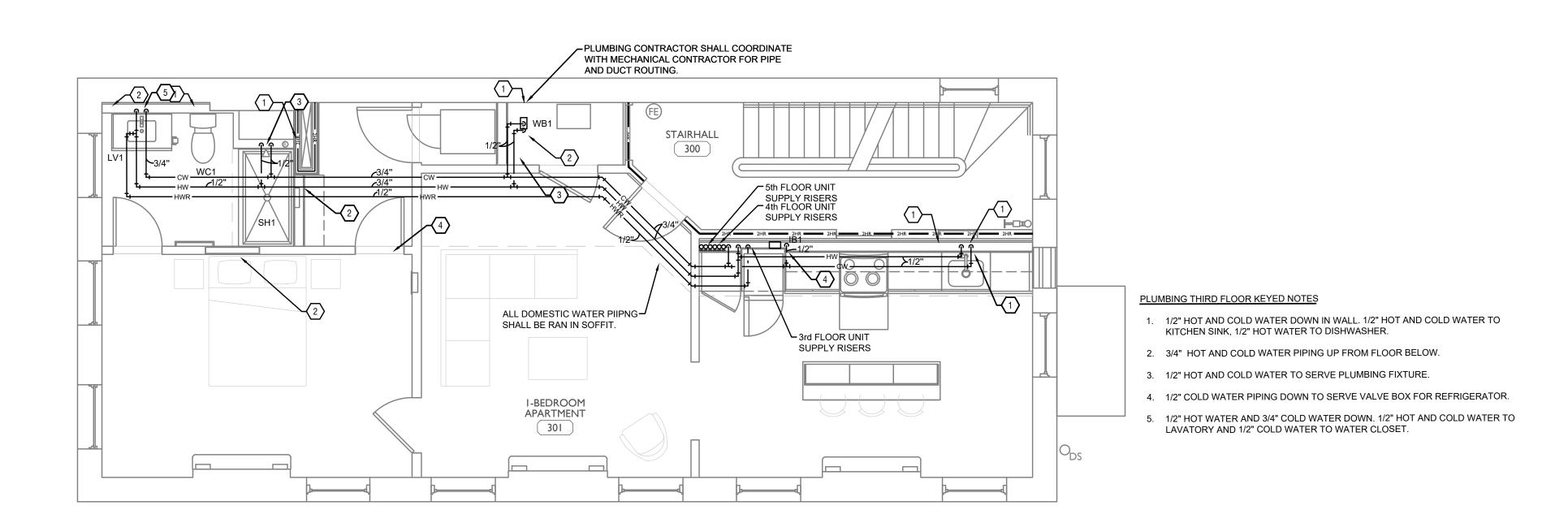
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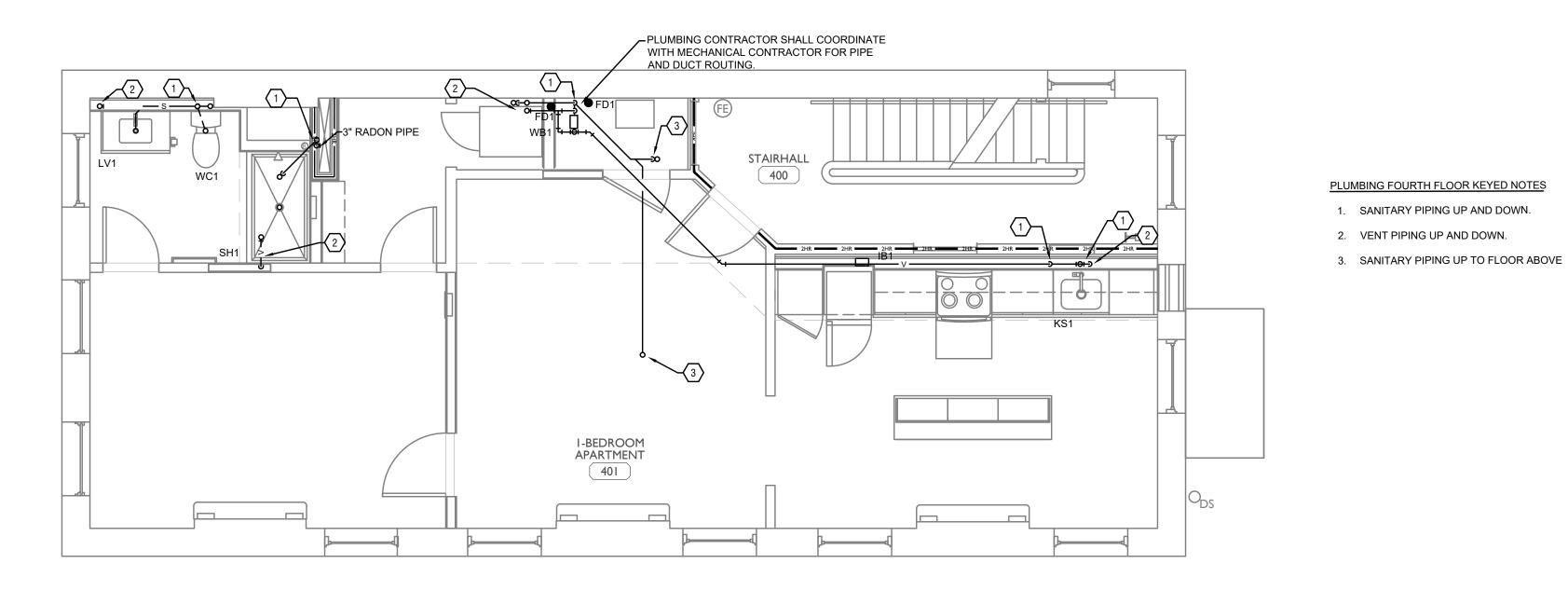
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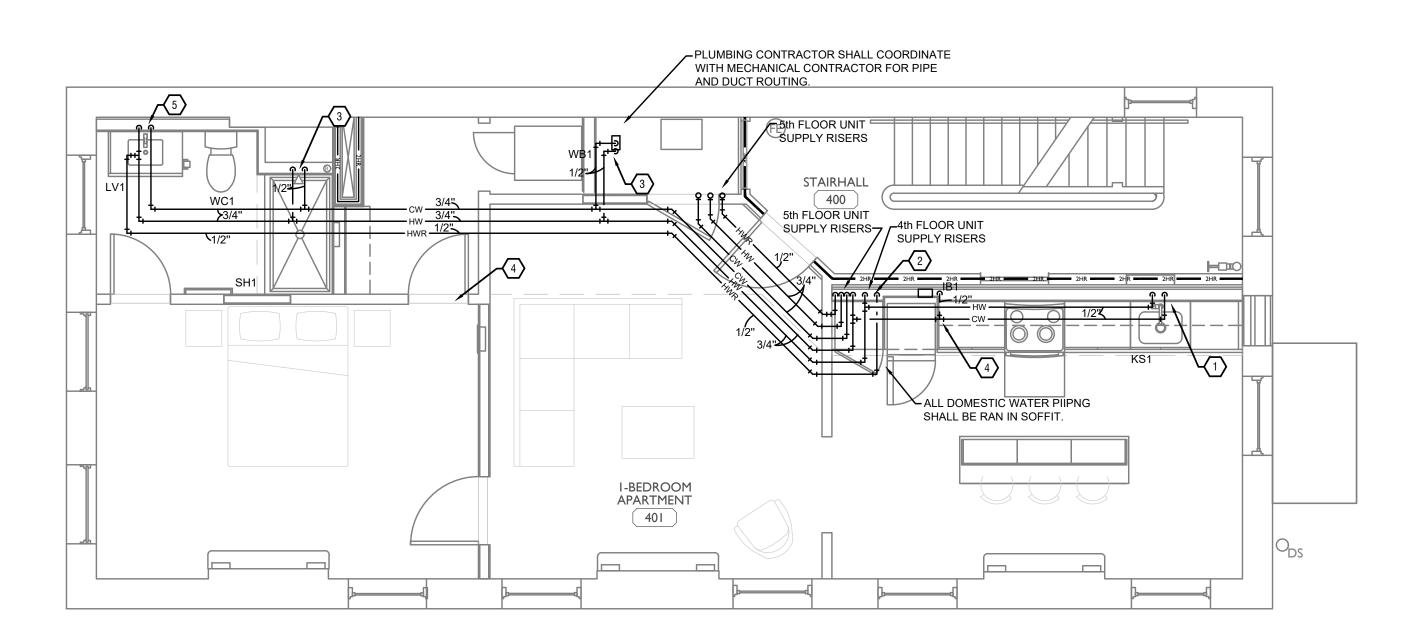
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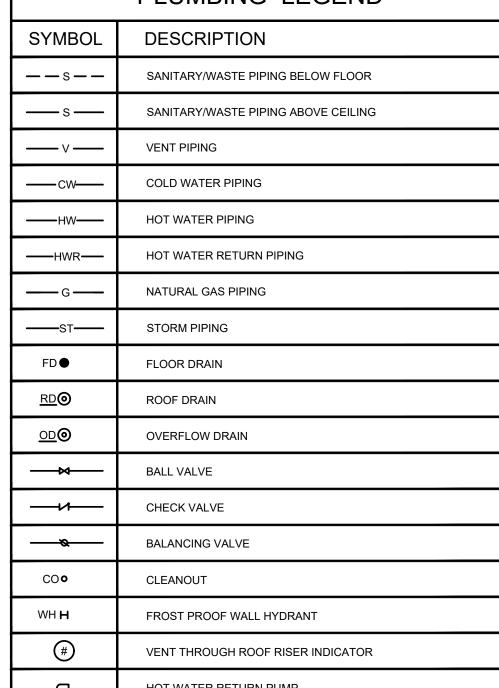


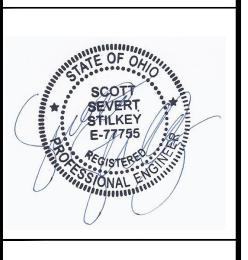
SYMBOL	DESCRIPTION
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—-s—	SANITARY/WASTE PIPING ABOVE CEILING
v	VENT PIPING
	COLD WATER PIPING
——HW——	HOT WATER PIPING
——HWR——	HOT WATER RETURN PIPING
—— G ——	NATURAL GAS PIPING
——sr——	STORM PIPING
FD●	FLOOR DRAIN
<u>rd</u> ©	ROOF DRAIN
<u>od</u> @	OVERFLOW DRAIN
—₩—	BALL VALVE
—v—	CHECK VALVE
	BALANCING VALVE
CO o	CLEANOUT
WH H	FROST PROOF WALL HYDRANT
#	VENT THROUGH ROOF RISER INDICATOR
O	HOT WATER RETURN PUMP



PLUMBING FOURTH FLOOR KEYED NOTES

- 1. 1/2" HOT AND COLD WATER DOWN IN WALL. 1/2" HOT AND COLD WATER TO KITCHEN SINK, 1/2" HOT WATER TO DISHWASHER.
- 2. 3/4" HOT AND COLD WATER PIPING UP FROM FLOOR BELOW.
- 3. 1/2" HOT AND COLD WATER TO SERVE PLUMBING FIXTURE.
- 4. 1/2" COLD WATER PIPING DOWN TO SERVE VALVE BOX FOR REFRIGERATOR.
- 5. 1/2" HOT WATER AND 3/4" COLD WATER DOWN. 1/2" HOT AND COLD WATER TO LAVATORY AND 1/2" COLD WATER TO WATER CLOSET.





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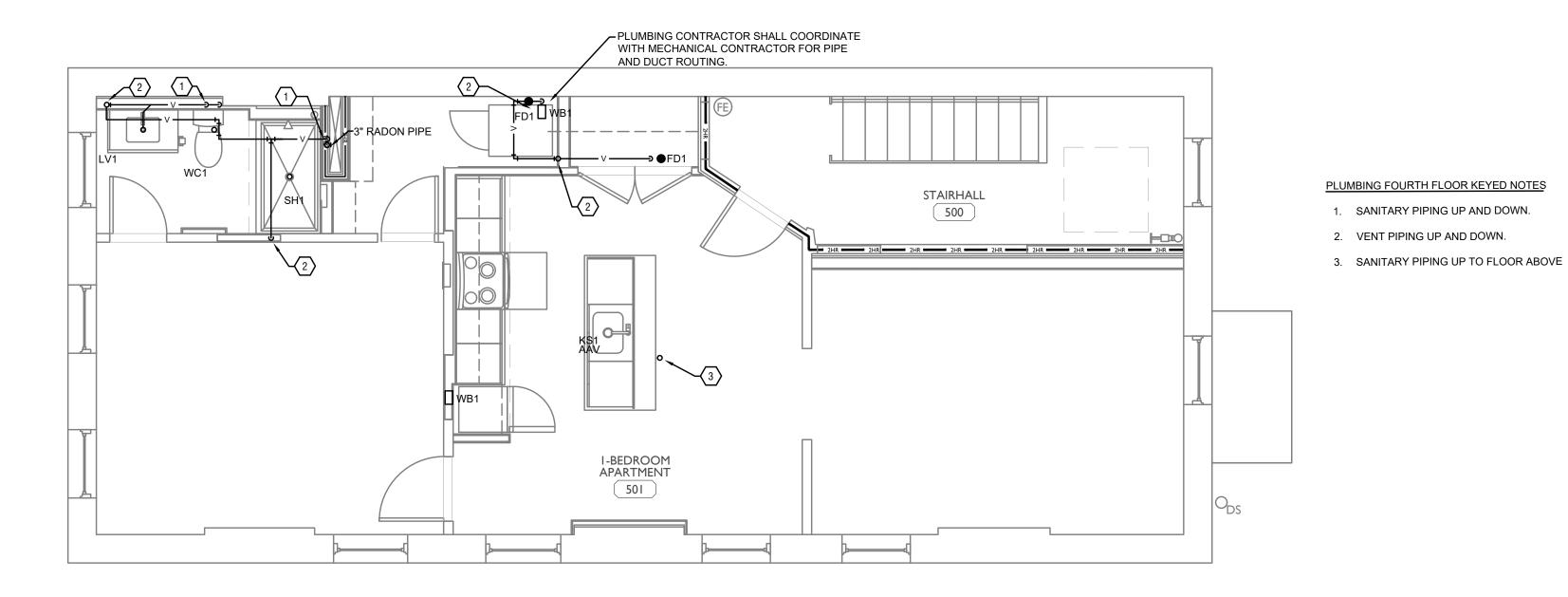
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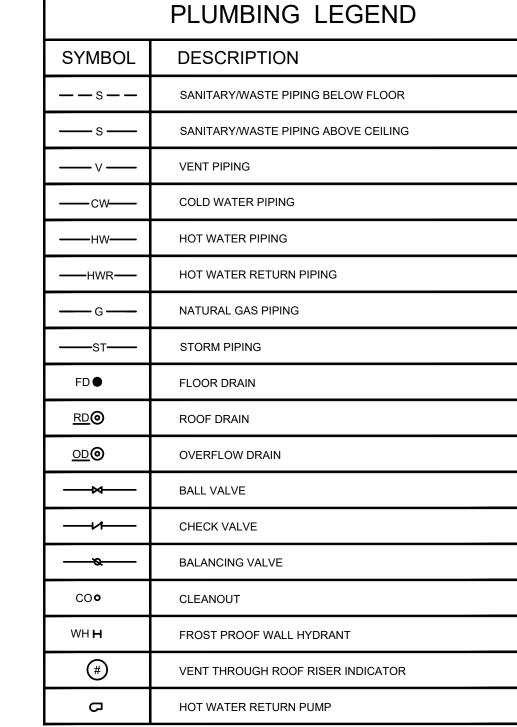
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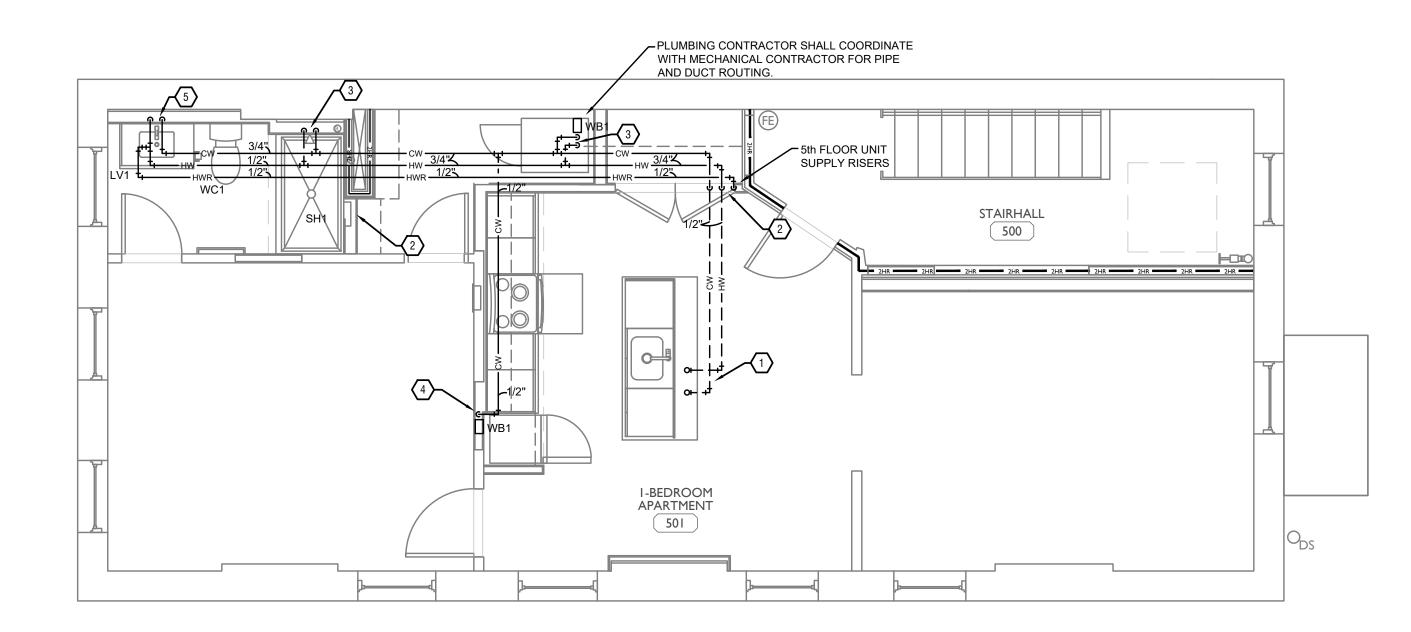
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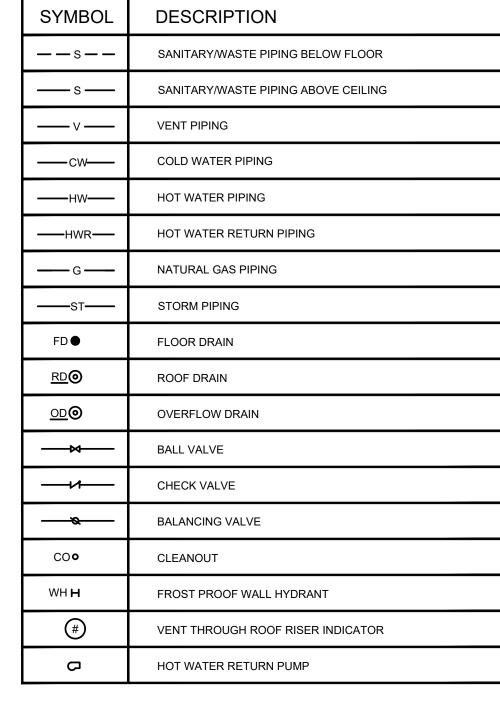


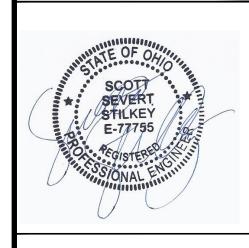




PLUMBING FOURTH FLOOR KEYED NOTES

- 1. 1/2" HOT AND COLD WATER DOWN IN WALL. 1/2" HOT AND COLD WATER TO KITCHEN SINK, 1/2" HOT WATER TO DISHWASHER.
- 2. 3/4" HOT WATER, COLD WATER AND 1/2" HOT WATER RETURN PIPING UP FROM FLOOR BELOW.
- 3. 1/2" HOT AND COLD WATER TO SERVE PLUMBING FIXTURE.
- 4. 1/2" COLD WATER PIPING DOWN TO SERVE VALVE BOX FOR REFRIGERATOR.
- 1/2" HOT WATER AND 3/4" COLD WATER DOWN. 1/2" HOT AND COLD WATER TO LAVATORY AND 1/2" COLD WATER TO WATER CLOSET.





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Job No: 22042

1. GENERAL PLUMBING REQUIREMENTS

- a. THE PLUMBING CONTRACTOR MUST REFER TO SITE PLANS, ARCHITECTURAL PLANS AND ELEVATIONS, AND PRICING INSTRUCTIONS FROM THE GENERAL CONTRACTOR TO DEVELOP THEIR PRICE. THE PLUMBING CONTRACTOR'S PRICE (INCLUDING TAXES) SHOULD INCLUDE ALL LABOR AND MATERIAL NECESSARY TO PROVIDE A COMPLETE AND FULLY OPERATIONAL PLUMBING SYSTEM.
- b. THE PLUMBING CONTRACTOR SHALL BE LICENSED BY THE STATE OF OHIO TO INSTALL PLUMBING SYSTEMS.
- c. ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH ALL APPLICABLE STATE, LOCAL CODES AND ORDINANCES, THE PLUMBING CONTRACTOR SHALL SATISFY CODE REQUIREMENTS AS A MINIMUM
- d. SUBMIT TO THE ARCHITECT PDF FILE COPIES OF COMPLETE AND CERTIFIED SHOP DRAWINGS, DESCRIPTIVE DATA, PERFORMANCE DATA AND RATINGS, DIAGRAMS AND SPECIFICATIONS ON ALL SPECIFIED EQUIPMENT INCLUDING ACCESSORIES, AND MATERIALS FOR REVIEW.

e. REFER TO ARCHITECTURAL DRAWINGS, GENERAL NOTES, INSTRUCTIONS

ARCHITECT. ALL DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT FOR

- TO BIDDERS, GENERAL CONDITIONS, SUPPLEMENTARY GENERAL CONDITIONS, SPECIFICATIONS, AND DRAWINGS EXCEPT AS NOTED HEREIN WHICH APPLY IN ALL RESPECTS TO THIS SECTION. f. COORDINATE PIPING CHASES, SHAFTS, ABOVE CEILING WORK, ETC. WITH
- g. THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING ALL NECESSARY PLUMBING PIPING PENETRATIONS. THIS INCLUDES CORING
- HOLES IN SLABS, ETC h. EQUIPMENT AND MATERIALS SHALL CONFORM WITH APPROPRIATE PROVISIONS OF 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. I. INSTALL EQUIPMENT PER MANUFACTURER'S REQUIREMENTS. MAINTAIN ALL CODE RECOMMENDED CLEARANCES.
- . WHERE NOT PROVIDED BY OTHERS, 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.
- k. ALL WORK SHALL BE ACCURATELY LAID-OUT WITH OTHER TRADES, PRIOR TO INSTALLATION & FARRICATION TO AVOID ALL CONFLICTS AND OBTAIN A NEAT AND WORKMANLIKE INSTALLATION WHICH WILL AFFORD MAXIMUM ACCESSIBILITY FOR EQUIPMENT OPERATION, MAINTENANCE CLEARANCES AND HEADROOM.

2. USE OF INFORMATION PROVIDED BY EBS

a. THE INFORMATION PROVIDED IS INTENDED TO CONVEY DESIGN INTENT ONLY. ALL MEANS AND METHODS, SEQUENCES, TECHNIQUES, AND PROCEDURES OF CONSTRUCTION AS WELL AS ANY ASSOCIATED SAFETY PRECAUTIONS AND PROGRAMS. AND ALL INCIDENTAL AND TEMPORARY DEVICES REQUIRED TO CONSTRUCT THE PROJECT, AND TO PROVIDE A COMPLETE AND FULLY OPERATIONAL PLUMBING SYSTEM ARE THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR.

3. CONTRACTOR COORDINATION

a. COORDINATION DRAWINGS SHOWING SYSTEM AND COMPONENT INSTALLATION LAYOUT, ROUTING, DETAILS, ETC. SHALL BE PRODUCED BY THE PLUMBING CONTRACTOR AND UNDER THE SUPERVISION OF THE GENERAL CONTRACTOR/CONSTRUCTION MANAGER. OR APPROPRIATE PARTY AS APPLICABLE. ALL SYSTEMS INSTALLED BY EACH SUB-CONTRACTOR SHALL BE COORDINATED WITH ONE ANOTHER AND APPROVED BY GENERAL CONTRACTOR/CONSTRUCTION MANAGER. ETC. PRIOR TO INSTALLATION AND/OR FABRICATION. IF QUESTIONS CONCERNING DESIGN INTENT ARISE DURING COORDINATION, EBS CAN ASSIST WHERE APPROPRIATE.

4. PLUMBING FIXTURES a. SHUT OFF VALVES/STOPS SHALL BE PROVIDED AT ALL LAVATORIES, SINKS AND WATER CLOSETS.

- b. ALL WALL-HUNG PLUMBING FIXTURES, INCLUDING, BUT NOT LIMITED TO WATER CLOSETS, URINALS, LAVATORIES, AND SINKS SHALL BE ANCHORED TO THE FLOOR WITH CONCEALED IN-WALL CARRIERS. WALL-HUNG FIXTURES SHALL NOT BE SIMPLY BOLTED TO THE WALL OR ANCHORED TO WOOD BLOCKING.
- c. COORDINATE COLOR OF FIXTURES WITH ARCHITECT. FIXTURES SHALL BE WHITE UNLESS OTHERWISE NOTED.
- d. PROVIDE ADA COMPLIANT FIXTURES WHERE INDICATED ON THE ARCHITECTURAL PLANS. PROVIDE OFFSET FIXTURE TAILPIECES AND TRAPS 8. BACKFLOW PREVENTION WHERE REQUIRED TO MEET ADA LEG CLEARANCES.
- e. FIXTURES SHALL BE SECURELY FASTENED TO PREVENT ANY MOVEMENT OF FIXTURE DURING NORMAL USE. SEAL TO WALL, FLOOR OR COUNTERTOP WITH SILICONIZED ACRYLIC-LATEX CAULK.

5. DRAIN PANS

a. PROVIDE DRAIN PAN UNDER WATER HEATERS. PIPE WATER HEATER DRAIN AND PRESSURE RELIEF VALVE SEPARATELY AND INDIRECTLY TO FLOOR DRAIN (NOT TO DRAIN PAN)

b. DRAIN PANS SHALL BE PROVIDED UNDER WASHERS AND SHALL BE SIZED TO ACCOMMODATE A STANDARD WASHER OR STACKABLE WASHER/DRYER AS APPLICABLE. BASIS OF DESIGN SHALL BE DRIPTITE 30-5/8" WIDE X 34-5/8" DEEP TRANSLUCENT PAN. DRILL 3/4" OUTLET IN VERTICAL SIDEWALL FOR SIDE-OUTLET OR IN BOTTOM OF PAN DIRECTLY OVER DRAIN IF DRAIN IS UNDER THE PAN. DRAIN CONNECTION SHALL BE MADE WITH MANUFACTURER PROVIDED DRAIN OUTLET CONNECTION. PANS ARE AVAILABLE IN CUSTOM SIZES IF NECESSARY (COORDINATE SIZES AND LOCATIONS OF THE PAN WITH ROOM DIMENSIONS AND EQUIPMENT SIZES AS PROVIDED BY THE ARCHITECT/OWNER).

6. DOMESTIC WATER SYSTEMS

a. PROVIDE A NEW DOMESTIC WATER SERVICE TO THE BUILDING b. PROVIDE SEPARATE VALVE AND TAB METER FOR EACH APARTMENT AND TENANT SPACE.

c. INTERIOR DOMESTIC WATER PIPING: i. WHERE ALLOWED BY CODE, CPVC PIPING CAN BE USED.

a. CPVC PIPING 2" AND SMALLER SHALL BE EQUAL TO FLOW GUARD GOLD - THIS SPECIFICATION COVERS COPPER TUBE SIZE (CTS) CPVC MANUFACTURED TO STANDARD DIMENSIONAL RATIO (SDR) 11 FOR HOT AND COLD DOMESTIC WATER DISTRIBUTION. THIS SYSTEM IS INTENDED FOR PRESSURE APPLICATIONS WHERE THE OPERATING TEMPERATURE WILL NOT EXCEED 180°F AT 100 PSI. PIPE AND FITTINGS SHALL BE MANUFACTURED FROM VIRGIN RIGID CPVC (CHLORINATED POLYVINYL CHLORIDE) VINYL COMPOUNDS WITH A CELL CLASS OF 24448 AS IDENTIFIED IN ASTM D 1784. CTS CPVC PIPE AND FITTINGS SHALL CONFORM TO ASTM D 2846. PIPE AND FITTINGS SHALL BE MANUFACTURED AS A SYSTEM AND BE THE PRODUCT OF ONE MANUFACTURER. ALL PIPE AND FITTINGS SHALL BE MANUFACTURED IN THE UNITED STATES. PIPE AND FITTINGS SHALL CONFORM TO NATIONAL SANITATION FOUNDATION (NSF) STANDARDS 14 AND 61. INSTALLATION SHALL COMPLY WITH LATEST INSTALLATION PROVIDED BY THE MANUFACTURER AND SHALL CONFORM TO ALL LOCAL PLUMBING, BUILDING AND FIRE CODE REQUIREMENTS. BURIED PIPE SHALL BE INSTALLED IN ACCORDANCE WITH ASTM F 1668. SOLVENT WELD JOINTS SHALL BE MADE USING CPVC CEMENT CONFORMING TO ASTM F 493. YELLOW ONE-STEP CEMENT MAY BE USED WITHOUT PRIMER. IF A PRIMER IS REQUIRED BY LOCAL PLUMBING OR BUILDING CODES, THEN A PRIMER CONFORMING TO ASTM F 656 SHOULD BE USED. THE SYSTEM SHALL BE PROTECTED FROM CHEMICAL AGENTS. FIRE STOPPING MATERIALS. THREAD SEALANT, PLASTICIZED VINYL PRODUCTS OR OTHER AGGRESSIVE CHEMICAL AGENTS NOT COMPATIBLE WITH CPVC COMPOUNDS. SYSTEMS SHALL BE HYDROSTATICALLY TESTED AFTER INSTALLATION. NEVER TEST WITH OR TRANSPORT/STORE COMPRESSED AIR OR GAS IN CPVC PIPE OR

9. HOSE BIBS AND HYDRANTS SPECIFICATION COVERS THE MANUFACTURING REQUIREMENTS FOR CPVC

b. CPVC PIPING LARGER THAN 2" SHALL BE EQUAL TO CORZAN - THIS

SCHEDULE 80 IRON PIPE SIZE (IPS) PIPE AND FITTINGS. BOTH THE PIPE AND

THE REQUIREMENTS SET FORTH BY THE AMERICAN SOCIETY FOR TESTING

COMPOUND MEETS CELL CLASS 24448 AND THE FITTING COMPOUND MEETS

PROPERTIES MEET OR EXCEED THE REQUIREMENTS OF ASTM STANDARDS

CELL CLASS 23447 AS DEFINED BY ASTM D1784. BOTH THE PIPE AND THE

FITTING COMPOUNDS ARE CERTIFIED BY NSF INTERNATIONAL FOR USE

F441 FOR PIPE, F439 FOR SOCKET FITTINGS AND ASTM F437 OR F439 FOR

THREADED FITTINGS. THREADED FITTINGS HAVE TAPER PIPE THREADS IN

ACCORDANCE WITH ASTM F1498, UNIONS AND FLANGES MEET OR EXCEED

THE REQUIREMENTS OF ASTM F1970. ALL SOCKET TYPE JOINTS SHALL BE

HANDLING OF SOLVENT CEMENTS SHALL BE IN ACCORDANCE WITH ASTM

REQUIREMENTS OF ASTM F493. THE STANDARD PRACTICE FOR SAFE

ASSEMBLED EMPLOYING SOLVENT CEMENTS THAT MEET OR EXCEED THE

F402. SOLVENT CEMENT SHALL BE LISTED BY NSF INTERNATIONAL FOR USE

WITH POTABLE WATER, AND APPROVED BY THE FITTINGS MANUFACTURERS.

WATER FILLED PIPE AND FITTINGS (1/2" THROUGH 6") TESTED IN GENERAL

ACCORDANCE WITH UL 723/ASTM E 84 (NFPA 255 AND UBC 8-1) MEETS THE

25/50 FLAME AND SMOKE REQUIREMENT AND SHALL BE PERMITTED TO BE

TESTING LABORATORY SHALL BE OBTAINED AND MADE AVAILABLE UPON

OF ASTM STANDARDS F437, F438 OR F1970. THE PIPE AND FITTINGS

MARKINGS STATE THE PIPE/FITTING MANUFACTURE'S NAME OR

SHALL BE PEX-A TYPE AND FITTINGS SHALL BE EQUAL TO UPONOR

AQUAPEX. TUBING AND FITTINGS MUST CONFORM TO ASTM

ALLOW TUBING TO COME IN CONTACT WITH PIPE THREAD

POTABLE WATER AND THE ASTM DESIGNATION.

REQUEST. THE MARKING ON THE CPVC PIPE MEET THE REQUIREMENTS OF

TRADEMARK, THE MATERIAL DESIGNATION, THE SIZE, THE NSF MARK FOR

ii. WHERE ALLOWED BY CODE, PEX TUBE AND FITTINGS CAN BE USED, TUBING

F876 "STANDARD SPECIFICATION FOR CROSSLINKED POLYETHYLENE, ASTM

F877 "STANDARD FOR CROSSLINKED POLYETHYLENE PLASTIC HOT AND

COLD WATER DISTRIBUTION SYSTEMS". PROVIDE ENGINEERED PLASTIC

FITTINGS WITH PLASTIC COLLARS WHICH CONFORM TO ASTM F1960

STANDARD SPECIFICATION FOR COLD EXPANSION FITTINGS WITH PEX

REINFORCING RINGS FOR USE WITH CROSSLINKED POLYETHYLENE PIPING

PEX TUBING AND CONNECTIONS SHALL BE WARRANTED FOR A PERIOD OF

25 YEARS. DO NOT WELD, GLUE, TAPE OR ALLOW OTHER SOLVENT BASED

ADHESIVES OR PAINTS TO COME INTO CONTACT WITH TUBING. DO NOT

FIXTURES. DO NOT EXPOSE TUBING TO OPEN FLAME. DO NOT SOLDER

WITHIN 18" OF TUBING. DO NOT INSTALL TUBING BETWEEN TUB SPOUT AND

SHOWER VALVE. RADIUS OF BENDS MUST NOT EXCEED SIX TIMES OUTSIDE

TUBE DIAMETER. REPAIR KINKS IN TUBING USING HEAT AS RECOMMENDED

BY MANUFACTURER. TUBING SHALL BE INSTALLED IN MAXIMUM PRACTICAL

FITTINGS. TUBING SHALL BE SUPPORTED IN A MATTER THAT DOES NOT

WITHIN 6" OF FITTINGS OR BENDS. USE BEND SUPPORTS AT 90 DEGREE

PLATES WHERE TUBING PENETRATES STUDS AT FACE OF STUDS. REMOTE

WHERE TUBING IS TERMINATED (MODIFIED HOME-RUN INSTALLATION TYPE).

CONNECTION OF TUBING TO FITTINGS. DO NOT OVER EXPAND TUBING. PIPE

SHALL BE SUPPORTED AT FITTINGS AND FIXTURES AS RECOMMENDED BY

MANUFACTURER. PIPING SHALL BE INSTALLED WITH MINIMUM AMOUNT OF

FITTINGS. USE MANUFACTURER APPROVED VALVES, FITTINGS, HOSE BIBS

d. CONTROL VALVES SHALL BE MANUFACTURED BY OR APPROVED BY PIPING

f. PROVIDE HOT WATER RETURN PUMP EQUAL TO BELL AND GOSSETT SERIES

100 OR EQUAL PUMP MANUFACTURED BY ARMSTRONG, GRUNDFOS, OR

g. PROVIDE AUTOMATIC TIMER KIT EQUAL TO BELL AND GOSSETT MODEL TC-1.

AND PROGRAM PUMP TO OPERATE TO ACCOMMODATE THE OWNER'S

a. PROVIDE VALVE AND TAB METERS TO ISOLATE WATER USAGE FOR EACH

OF METER AND LOCATE IN AN ACCESSIBLE LOCATION.

b. BACKFLOW PREVENTERS FOR 2" AND SMALLER WATER

WC1 FLOOR-SET TANK

SHALL BE CONBRACO AND WILKINS.

DWELLING UNIT AND TENANT SPACE. PROVIDE SHUT-OFF VALVE UPSTREAM

a. PROVIDE REDUCED PRESSURE BACKFLOW PREVENTER ON WATER SERVICE

SERVICES - PROVIDE REDUCED PRESSURE BACKFLOW PREVENTER ON THE

WATER SERVICE MAIN WHERE THE WATER SERVICE ENTERS THE BUILDING.

MANUFACTURER

REDUCED PRESSURE BACKFLOW PREVENTER TO BE EQUAL TO WATTS

SERIES LF919QT. APPROVED MANUFACTURERS OF EQUAL PRODUCTS

e. ADJUST ALL STOPS AND VALVES PROPERLY PRIOR TO PROJECT

MANUFACTURER.

COMPLETION.

HOURS OF OPERATION.

7. TAB METERS FOR DOMESTIC WATER

DAMAGE TUBING AND ALLOWS FOR THERMAL EXPANSION. SUPPORTS

BENDS. PROTECT INSTALLED TUBING FROM DAMAGE. INSTALL METAL

MANIFOLD TYPE FITTINGS SHALL BE UTILIZED AT BRANCHES IN ROOMS

UTILIZE EXPANDER TOOLS RECOMMENDED BY MANUFACTURER FOR

LENGTHS, AS DIRECTLY AS POSSIBLE TO REMOTE MANIFOLD WITH MINIMUM

SHALL BE SPACED AT 32" MINIMUM HORIZONTALLY AND 60" VERTICALLY AND

COMPOUNDS, FIREWALL PENETRATION SEALING COMPOUNDS, AND

PETROLEUM BASED SEALANTS. DO NOT ALLOW TUBING TO COME

WITHIN 6" OF GAS APPLIANCE VENTS OR 12" OF RECESSED LIGHT

ASTM F441 AND THE MARKING ON THE FITTINGS MEETS THE REQUIREMENTS

INSTALLED IN RETURN AIR PLENUMS. TEST REPORTS FROM A THIRD PARTY

WITH POTABLE WATER. DIMENSIONS, TOLERANCES AND PHYSICAL

FITTINGS ARE MANUFACTURED IN NORTH AMERICA AND MEET OR EXCEED

MATERIALS (ASTM) AND ANSI/NSF STANDARDS 14 AND 61. CPVC PIPE AND

FITTINGS ARE FXTRUDED/MOLDED FROM CPVC COMPOUNDS. THE PIPE

a. PROVIDE FROST-PROOF EXTERIOR WALL HYDRANTS ON EACH ELEVATION

OF THE BUILDING. b. WALL HYDRANTS TO BE EQUAL TO 3/4" WOODFORD MODEL B-67, WITH CHROME FINISH ON BRASS CASTING, WITH BOX AND HINGED DOOR, AND LOOSE-TEE KEY. CONCEAL WITHIN INTERIOR PARTITIONS AND/OR INSTALL IN A MANNER THAT PREVENTS FREEZING. FURNISH TO OWNER, ONE VALVE KEY FOR EACH KEY OPERATED WALL HYDRANT INSTALLED. APPROVED MANUFACTURERS OF EQUAL PRODUCTS SHALL BE ZURN, WADE, JOSAM, SMITH, OR WATTS.

10. SANITARY AND VENT SYSTEMS

a. CONNECT NEW SANITARY PIPING TO THE EXISTING SANITARY STACKS AND/OR UNDERGROUND SANITARY BUILDING SEWER. CONTRACTOR SHALL CLEAN AND INSPECT EXISTING UNDERGROUND BUILDING SEWER. SEWER LATERAL AND ALL PIPING INTENDED TO BE REUSED TO DETERMINED CONDITION FOR REUSE. PROVIDE INSPECTION REPORT AND RECOMMENDATION TO OWNER.

b. CUT AND PATCH BASEMENT SLAB AS REQUIRED TO INSTALL NEW SANITARY 17. VALVES FOR DOMESTIC WATER

c. INTERIOR SANITARY, WASTE, AND VENT PIPING:

i. WHERE NOT INSTALLED IN A PLENUM, SANITARY, WASTE, AND VENT PIPING WITHIN BUILDING TO BE SCHEDULE 40 PVC PIPING AND FITTINGS CONFORMING TO ASTM D 2665, SOLID-WALL DRAIN PIPING WITH PVC SOCKET SOLVENT WELD FITTINGS CONFORMING TO ASTM D2665, MADE TO ASTM D3311, DRAIN, WASTE, AND VENT PATTERNS

ii. WHERE PIPING SHALL BE INSTALLED IN A PLENUM, SANITARY, WASTE, AND VENT PIPING WITHIN BUILDING TO BE NO-HUB, CAST-IRON PIPE WITH NO-HUB COUPLINGS CONSISTING OF A STAINLESS STEEL SHIELD, CLAMP. AND NEOPRENE GASKET. COUPLINGS SHALL BE TESTED AND CERTIFIED TO CISPI 310, ASTM C1277, ASTM C564, AND NSF. IDEAL CLAMP PRODUCTS' HEAVY DUTY POW'R GEAR (RED SHIELD) COUPLINGS ARE ALSO APPROVED AND ACCEPTABLE. THESE COUPLINGS ARE LISTED WITH NSF

INTERNATIONAL AND CONFORM WITH ASTM C1540 PERFORMANCE

REQUIREMENTS (SHEAR, DEFLECTION AND UNRESTRAINED THRUST TESTS). d. COORDINATE WITH LOCAL AUTHORITIES FOR DRAINAGE REQUIREMENTS FOR EQUIPMENT DESIGNATED WITH INDIRECT WASTE TO FLOOR DRAINS. PROVIDE PIPED DRAIN TO SANITARY IF REQUIRED BY LOCAL JURISDICTION.

a. PROVIDE FLOOR DRAINS IN ALL TOILET ROOMS THAT HAVE MORE THAN ONE

- WATER CLOSET OR URINAL. b. PROVIDE FLOOR DRAINS FOR ALL EQUIPMENT PRODUCING CONDENSATE
- AND THAT HAVE DRAIN CONNECTIONS. c. FLOOR DRAINS IN FINISHED AREAS TO BE PVC BODY, DOUBLE DRAINAGE FLANGE, WEEP HOLES, WITH 6" DIAMETER NICKEL BRONZE STRAINER. d. FLOOR DRAINS IN MECHANICAL SPACE TO BE PVC BODY, DOUBLE DRAINAGE

FLANGE, WEEP HOLES, WITH 9" DIAMETER HEAVY-DUTY DUCTILE IRON

STRAINER. e. PROVIDE CAST IRON BODIED FLOOR DRAINS WHERE DRAINS ARE INSTALLED IN A PLENUM (MECHANICAL ROOMS THAT ARE USED AS

12. TRAP SEAL PROTECTION a. TRAP SEALS SUBJECT TO EVAPORATION SHALL BE PROTECTED BY ONE OF THE METHODS BELOW, AS APPROVED BY THE LOCAL PLUMBING AUTHORITY

HAVING JURISDICTION: b. BARRIER-TYPE TRAP SEAL PROTECTION DEVICE - A BARRIER-TYPE TRAP SEAL PROTECTION DEVICE MUST PROTECT THE TRAP SEAL FROM EVAPORATION. BARRIER-TYPE TRAP SEAL PROTECTION DEVICES MUST CONFORM TO ASSE 1072. THE DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

a. CONNECT NEW STORM PIPING TO EXISTING SEWER LATERAL. b. CUT AND PATCH BASEMENT SLAB AS REQUIRED TO INSTALL NEW STORM

c. PROVIDE NEW PRIMARY AND SECONDARY ROOF DRAINS AND ASSOCIATED PRIMARY AND SECONDARY STORM PIPING SYSTEMS WHERE INTERIOR DRAINS ARE SHOWN ON ARCHITECTURAL ROOF PLAN. SECONDARY ROOF DRAINS SHALL BE PIPED INDEPENDENTLY FROM THE PRIMARY SYSTEM AND

MUST DISCHARGE THROUGH DOWNSPOUT NOZZLES LOCATED IN THE

EXTERIOR WALL AT GRADE. d. INTERIOR STORM PIPING:

i. WHERE NOT INSTALLED IN A PLENUM, ABOVEGROUND STORM PIPING WITHIN BUILDING SHALL BE SCHEDULE 40 PVC PIPING AND FITTINGS CONFORMING TO ASTM D 2665. SOLID-WALL DRAIN PIPING WITH PV0 SOCKET SOLVENT WELD FITTINGS CONFORMING TO ASTM D2665, MADE TO ASTM D3311, DRAIN, WASTE, AND VENT PATTERNS.

14. STORM PIPING SPECIALTIES

CONNECTION

AMERICAN STANDARD CADET 3 WITH CONCEALED TRAPWAY NOT APPLICABLE

GALLON

HEIGHT

MODEL

a. PRIMARY ROOF DRAINS MUST HAVE PVC BODY AND POLYETHYLENE DOME. b. SECONDARY ROOF DRAINS MUST HAVE PVC BODY, POLYETHYLENE DOME, AND INTERNAL WATER DAM/EXTENSION COLLAR.

c. DOWNSPOUT NOZZLES FOR SECONDARY DRAINAGE DISCHARGING TO GRADE MUST HAVE NICKEL-BRONZE BODY AND REMOVABLE STAINLESS-STEEL SCREEN EQUAL TO ZURN Z199-SS.

WATER HEATER SCHEDUL

a. PROVIDE FLOOR AND WALL CLEANOUTS WHERE REQUIRED IN ALL SOIL, WASTE. DRAIN AND STORM PIPING. IN AREAS WITH CERAMIC TILE OR CARPETED FLOORING, PROVIDE CLEANOUTS WITH SQUARE, ADJUSTABLE NICKEL BRONZE TOP. IN AREAS WITH RESILIENT FLOORING, PROVIDE CLEANOUTS WITH SQUARE, ADJUSTABLE, NICKEL BRONZE TOP WITH TILE RECESS, CLEANOUTS SHALL BE SAME SIZE AS PIPE EXCEPT THAT CLEANOUTS LARGER THAN 4" WILL NOT BE REQUIRED. WHERE CLEANOUTS OCCUR IN WALLS OF FINISHED AREAS, THEY SHALL BE CONCEALED BEHIND CHROME PLATED ACCESS COVERS.

16. VALVES - GENERAL

a. PLUMBING CONTRACTOR MUST PROVIDE VALVES AS NECESSARY FOR PROPER SYSTEM OPERATION AND COMPONENT ISOLATION. INSTALL VALVES FOR EACH ISOLATED FIXTURE OR GROUP OF FIXTURES, AND EACH CONNECTION TO EQUIPMENT.

b. LOCATE SHUT-OFF VALVES ADJACENT TO EQUIPMENT FOR EASY ACCESS SUCH THAT VALVES CAN BE REACHED WITHOUT MOVING EQUIPMENT.

- a. VALVES FOR DOMESTIC WATER MUST MEET THE REQUIREMENTS OF THE LEAD-FREE LAW S.3874. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE LEAD-FREE PRODUCTS AS MANDATED BY THE LAW AND AS
- REQUIRED/INTERPRETED BY THE AUTHORITY HAVING JURISDICTION. b. PROVIDE VALVES FOR WORKING PRESSURE IN WATER PIPING OF 125 PSI OR

c. GENERAL DUTY SHUT-OFF BALL VALVES

. PROVIDE TWO-PIECE, FULL PORT, SILICON BRONZE BALL VALVES WITH THE CAPABILITY OF ACCEPTING EXTENDED OPERATING HANDLES (FOR INSULATED PIPING). VALVES SHALL BE NIBCO MODEL T/S/PC-595-Y-66-LF (-NS) OR EQUAL PRODUCT MANUFACTURED BY AMERICAN VALVE CO, CRANE, HAMMOND, MILWAUKEE, RED-WHITE VALVE CORPORATION, OR

d. BALANCING VALVES

. BALANCING VALVES SHALL BE EQUAL TO CIRCUITSOLVER, THERMOSTATIC, SELF-ACTUATING BALANCING VALVES WITH UNIONS, THERMOMETER AND TWO INTEGRATED BALL VALVES. e. THERMOSTATIC MIXING VALVES

i. TEMPERED WATER SHALL BE DELIVERED FROM PUBLIC HAND-WASHING FACILITIES (LAVATORIES AND SINKS) THROUGH AN APPROVED WATER-TEMPERATURE LIMITING DEVICE THAT CONFORMS TO ASSE 1070. SET OUTLET TEMPERATURE OF THERMOSTATIC MIXING VALVE TO 110 DEGREES F. POINT-OF-USE THERMOSTATIC MIXING VALVES SHALL BE EQUAL TO WATTS SERIES USG-B. ROUTE TEMPERED WATER TO HOT WATER SIDE OF SINK/LAVATORY. ACCEPTABLE MANUFACTURERS INCLUDE SYMMONS, LAWLER, LEONARD, POWERS, BRADLEY, AND WATTS.

18. EXPANSION COMPENSATION

a. PROVIDE EXPANSION COMPENSATION ON ALL PIPING PER PIPING MANUFACTURER'S RECOMMENDATIONS. ACCOUNT FOR PIPE MATERIAL PIPE SIZE, PIPE LENGTHS, TEMPERATURE OF FLUIDS, AND ALL OTHER VARIABLES PERTAINING TO THE INSTALLATION.

b. INSTALL PIPING TO PREVENT STRAINS AND STRESSES THAT EXCEED THE STRUCTURAL STRENGTH OF THE PIPE. WHERE NECESSARY, PROVISIONS SHALL BE MADE TO PROTECT PIPING FROM DAMAGE RESULTING FROM

EXPANSION, CONTRACTION, AND STRUCTURAL SETTLEMENT. c. EXPANSION JOINT FITTINGS SHALL BE USED ONLY WHERE NECESSARY TO PROVIDE EXPANSION AND CONTRACTION OF THE PIPES. EXPANSION JOINT FITTINGS SHALL BE OF THE TYPICAL MATERIAL SUITABLE FOR USE WITH THE TYPE OF PIPING IN WHICH SUCH FITTINGS ARE INSTALLED.

d. IN LIEU OF PROVIDING EXPANSION JOINTS, PIPING OFFSETS SHALL BE PERMITTED WHEN INSTALLED PER THE PIPING MANUFACTURER'S RECOMMENDATIONS.

19. HANGERS & SUPPORTS

a. THE PLUMBING CONTRACTOR MUST FURNISH ALL PIPE SUPPORTS REQUIRED FOR THEIR WORK. ALL PIPING SHALL BE SUPPORTED PER CODE. ADDITIONAL SUPPORTS SHALL BE PROVIDED WHERE REQUIRED TO PREVENT SAGGING, WHERE ALTERNATIVE PIPING MATERIALS ARE USED. HANGER SPACING CAN BE REDUCED AS RECOMMENDED BY THE MANUFACTURER AND WHERE ALLOWED BY CODE.

GPH @ 90

a. PROVIDE THERMAL INSULATION ON ALL METALLIC DOMESTIC COLD WATER, DOMESTIC HOT WATER, DOMESTIC HOT WATER RETURN PIPING WITH SELE-SEALING CLOSED CELL ELASTOMERIC FOAM PROVIDE A CONTINUOUS VAPOR TIGHT SEAL. INSULATION SHALL BE CONTINUOUS THRU ALL WALLS AND FLOORS. NFPA FIRE HAZARD RATING FOR INSULATION, ADHESIVES. SEALERS, AND COATINGS MUST NOT EXCEED 25 FOR FLAME SPREAD AND 50 FOR SMOKE DEVELOPED, UNLESS OTHERWISE REQUIRED BY THE LOCAI AUTHORITY OR ENERGY CODES. THE MINIMUM INSULATION LEVELS SHALL BE AS FOLLOWS:

. PROVIDE 1" THICK ELASTOMERIC INSULATION ON HOT AND HOT WATER RETURN PIPING

ADDITIONAL INFORMATION

b. PROVIDE INSULATION ON ALL PEX PIPING WHEN USED IN PLENUMS AND WHERE REQUIRED TO MAINTAIN THE REQUIRED FLAME AND SMOKE RATINGS. MOST PEX PIPING 3/2" AND SMALLER SHALL BE INSULATED TO MAINTAIN ITS PLENUM RATED PROPERTY IF 18" SEPARATION BETWEEN THE PIPING CANNOT BE PROVIDED.

21. INSULATION FOR HANDICAP ACCESSIBLE FIXTURES (WHERE NOT PROTECTED

a. ALL HANDICAP LAVATORY P-TRAP AND ANGLE STOP ASSEMBLIES SHALL BE INSULATED WITH TRAP WRAP PROTECTIVE KIT MANUFACTURED BY PROFLO MODEL PF200 SERIES OR EQUAL. PROVIDE OFFSET TRAPS FOR HANDICAP ACCESSIBLE FIXTURES WHERE REQUIRED. ABRASION RESISTANT ANTI-MICROBIAL VINYL EXTERIOR COVER SHALL BE SMOOTH. FOR TRAPS THE INSULATION MUST HAVE A CLEANOUT NUT CAP TO ALLOW SERVICE TO THE TRAP WITHOUT DISASSEMBLY. FOR STOPS, THE INSULATION MUST HAVE A LOCK LID THAT PREVENTS TAMPERING BUT ALLOWS ACCESS WITHOUT REMOVAL OF THE INSULATION. FASTENERS MUST REMAIN SUBSTANTIALLY OUT OF SIGHT. ACCEPTABLE MANUFACTURERS INCLUDE PROFLO, TRUEBRO, PLUMBEREX, AND DEARBORN.

22. CONCRETE HOUSEKEEPING PADS

a. ALL FLOOR-MOUNTED EQUIPMENT SHALL BE INSTALLED LEVEL AND PLUMB ON 4" THICK CONCRETE HOUSEKEEPING PAD.

23. ESCUTCHEON PLATES a. INSTALL ONE-PIECE CHROME PLATED BRASS WALL PLATE EQUIPPED WITH SET SCREW AROUND ALL EXPOSED PIPE PASSING THROUGH WALLS IN

FINISHED AREAS. 24. ACCESS PANELS

a. LOCATE VALVES IN READILY ACCESSIBLE LOCATIONS. WHERE VALVES SHALL BE INSTALLED ABOVE NON-ACCESSIBLE CEILINGS, PROVIDE ACCESS PANELS. ACCESS PANELS SHALL BE PAINTABLE METAL. COORDINATE ACCESS PANEL SIZES AND LOCATIONS WITH THE ARCHITECT.

25. FIRE STOPPING

a. PROVIDE FIRE STOPPING AT ALL PENETRATIONS THROUGH RATED SEPARATIONS PER LOCAL CODES & REGULATIONS & PER UL RECOMMENDATIONS FOR ASSEMBLIES ENCOUNTERED IN PROJECT. b. THE FIRE STOPPING MATERIAL MUST MEET THE INTEGRITY OF THE FIRE RATED WALL, FLOOR, CEILING & ROOF BEING PENETRATED, REFER TO ARCHITECT'S DRAWINGS FOR WALL, FLOOR, CEILING & ROOF FIRE RATINGS

26. FLASHING & COUNTERFLASHING

PRIOR TO BIDDING WORK.

a. PROVIDE ROOF FLASHING AND COUNTERFLASHING FOR ALL ROOF PENETRATIONS. b. OBTAIN APPROVAL FROM GENERAL CONTRACTOR, CONSTRUCTION

PENETRATIONS SO THAT WARRANTIES ARE NOT COMPROMISED OR

MANAGER, OWNER AND/OR ROOFING CONTRACTOR PRIOR TO MAKING ANY

27. CATHODIC PROTECTION a. PROVIDE DIELECTRIC INSULATION AT POINTS WHERE COPPER OR BRASS PIPE COMES IN CONTACT WITH FERROUS PIPING, REINFORCING STEEL OR

OTHER DISSIMILAR METAL IN STRUCTURE.

28. EXCAVATION, TRENCHING & BACKFILL a. DO ALL EXCAVATION, TRENCHING & BACKFILL REQUIRED FOR THE

INSTALLATION OF PLUMBING WORK. b. ALL BACKFILL SHALL BE COMPACTED & BROUGHT TO FINISHED GRADE AND MUST MATCH SURROUNDING CONDITIONS

c. RESTORE ALL DISTURBED FLOORING TO ORIGINAL CONDITION. d. ALL PIPING SHALL BE LAID ON A BED OF SAND. 6" THICK MINIMUM. BACKFILI UNDER BUILDING AND ALL DRIVES, ROADS AND WALKS WITH BANK-RUN

29. CUTTING AND PATCHING

a. CUT AND PATCH WALLS AND FLOORS TO MATCH BUILDING CONSTRUCTION WHERE REQUIRED TO INSTALL ALL PLUMBING.

COMMERCIAL ELECTRIC(1 UNIT)

2. THE TRAPPRATURE AND PRESSURE RELIEF WALKE SETTING SHALL NOT EXCEED PRESSURE RATING OF A MAY COMPONENT IN THE SYSTEM.

IS ARE SHOWN FOR SERMICING UNIT. HOWEVER, LACAL CODES SHALL CONSTITUTION THEIR USAGE.

PIPE T & P TO

AMERICAN STANDARD, KOHLER, ZURN

TO FIXTURES

a. INSTALL UNIONS AT FINAL CONNECTION TO EACH PIECE OF EQUIPMENT INSTALL DIELECTRIC COUPLINGS TO CONNECT PIPING MATERIALS OF DISSIMILAR METALS

31. INSTALLATION

a. 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. SEAL PIPE PENETRATIONS THROUGH RATED CONSTRUCTION WITH FIRESTOPPING 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.

a. ALL PLUMBING WORK SHALL BE TESTED & APPROVED BY INSPECTOR PRIOR TO BEING BACKFILLED, CONCEALED & PUT INTO SERVICE. AFTER TESTING IS COMPLETE & APPROVED, THE PLUMBING CONTRACTOR MUST DISINFECT THE POTABLE WATER SYSTEM AS REQUIRED BY LOCAL AUTHORITY. TEST WATER PURITY ACCORDING TO LOCAL REQUIREMENTS AND SUBMIT CERTIFIED TEST RESULTS TO OWNER FOR REVIEW AND APPROVAL.

a. SUBMIT TO THE ARCHITECT PDF FILE COPIES OF COMPLETE & CERTIFIED SHOP DRAWINGS, DESCRIPTIVE DATA, PERFORMANCE DATA & RATINGS, DIAGRAMS AND SPECIFICATIONS ON ALL SPECIFIED EQUIPMENT, INCLUDING ACCESSORIES, AND MATERIALS FOR REVIEW.

b. THE MAKE, MODEL NUMBER, TYPE, FINISH & ACCESSORIES OF ALL EQUIPMENT AND MATERIALS SHALL BE REVIEWED & APPROVED BY THE PLUMBING CONTRACTOR & GENERAL CONTRACTOR PRIOR TO SUBMITTING TO THE ARCHITECT FOR THEIR REVIEW & APPROVAL.

c. REVIEW OF SHOP DRAWINGS DOES NOT RELIEVE THE PLUMBING CONTRACTOR/VENDOR FROM COMPLIANCE WITH THE REQUIREMENTS OF THE CONTRACT DRAWINGS, SPECIFICATIONS & APPLICABLE CODES.

34. OWNER'S INSTRUCTIONS

END OF DIVISION 22 - PLUMBING

a. PROVIDE TWO SETS OF COMPLETE OPERATING AND MAINTENANCE INSTRUCTIONS WITH DRAWINGS, TYPEWRITTEN INSTRUCTIONS AND OPERATING SEQUENCES AND DESCRIPTIVE DATA SHEETS. ASSEMBLE EACH SET IN A HARD-BOUND COVER.

a. THE PLUMBING CONTRACTOR MUST 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 OWNER AND THE PLUMBING CONTRACTOR WILL REPAIR OR REPLACE ANY DEFECTIVE WORK PROMPTLY AND WITHOUT CHARGE TO

b. RESTORE ANY OTHER EXISTING WORK DAMAGED IN THE COURSE OF REPAIRING DEFECTIVE EQUIPMENT, MATERIALS AND WORKMANSHIP.

> Progress Dates 05/05/2023 BID P/E/FP 08/30/2024 BID SET 2

Checked By: SSS



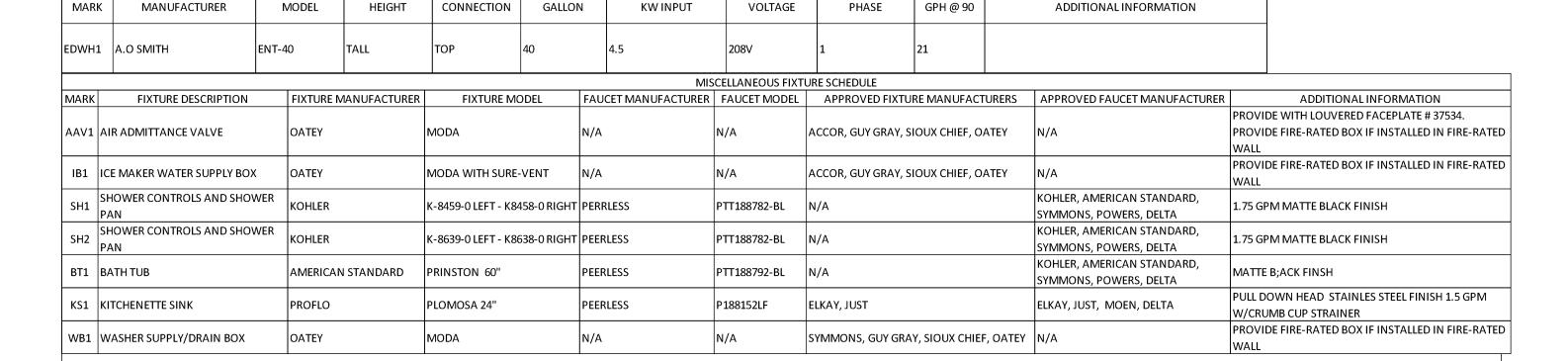
TEAMWORK • COLLABORATION SHARED SUCCESS 515 Monmouth Street, Suite 204 Newport, KY 41071 (859) 261-0585 MEP Consulting Services, Inc. in OH

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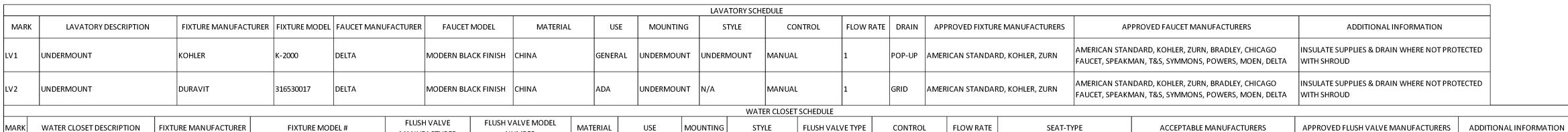


PHASE

MARK	DESCRIPTION	BASE MANUFACTURER	MODEL#	FINISH	ADDITIONAL FEATURES	ACCEPTABLE MANUFACTURERS
DN1	DOWNSPOUT NOZZLE	ZURN	Z199-SS	NICKEL-BRONZE BODY	REMOVABLE STAINLESS STEEL SCREEN	ZURN, SMITH, WATTS, WADE, JOSAM, MIFAB
FD1	ON-GRADE FLOOR DRAIN (UNFINISHED AREAS)	OATEY	TRUE SET ON-GRADE TP SERIES	PVC BODY, 5" NICKEL-BRONZE STRAINER WITH RING	TRAP PRIMER, SQUARE STRAINER IF INSTALLED IN TILE FLOOR	SIOUX CHIEF, OATEY, NSF, JUMBO
FD2	ABOVE-GRADE FLOOR DRAIN (UNFINISHED AREAS)	OATEY	TRUE SET FLANGED TP SERIES	PVC BODY, 5" NICKEL-BRONZE STRAINER WITH RING	FLANGED DRAIN, TRAP PRIMER, SQUARE STRAINER IF INSTALLED IN TILE FLOOR	SIOUX CHIEF, OATEY, NSF, JUMBO
OD1	OVERFLOW ROOF DRAIN	SIOUX CHIEF	868-E-S-U-STP2	PVC BODY, POLYETHYLENE DOME	EXTENSION, ROOF SUMP, UNDERDECK CLAMP	SIOUX CHIEF, OATEY, NSF, JUMBO
RD1	ROOF DRAIN	SIOUX CHIEF	868-E-S-U	PVC BODY, POLYETHYLENE DOME	EXTENSION, ROOF SUMP, UNDERDECK CLAMP	SIOUX CHIEF, OATEY, NSF, JUMBO
					<u> </u>	
	LAVATORY SCHEDULE					

NOT APPLICABLE

DRAIN SCHEDUL

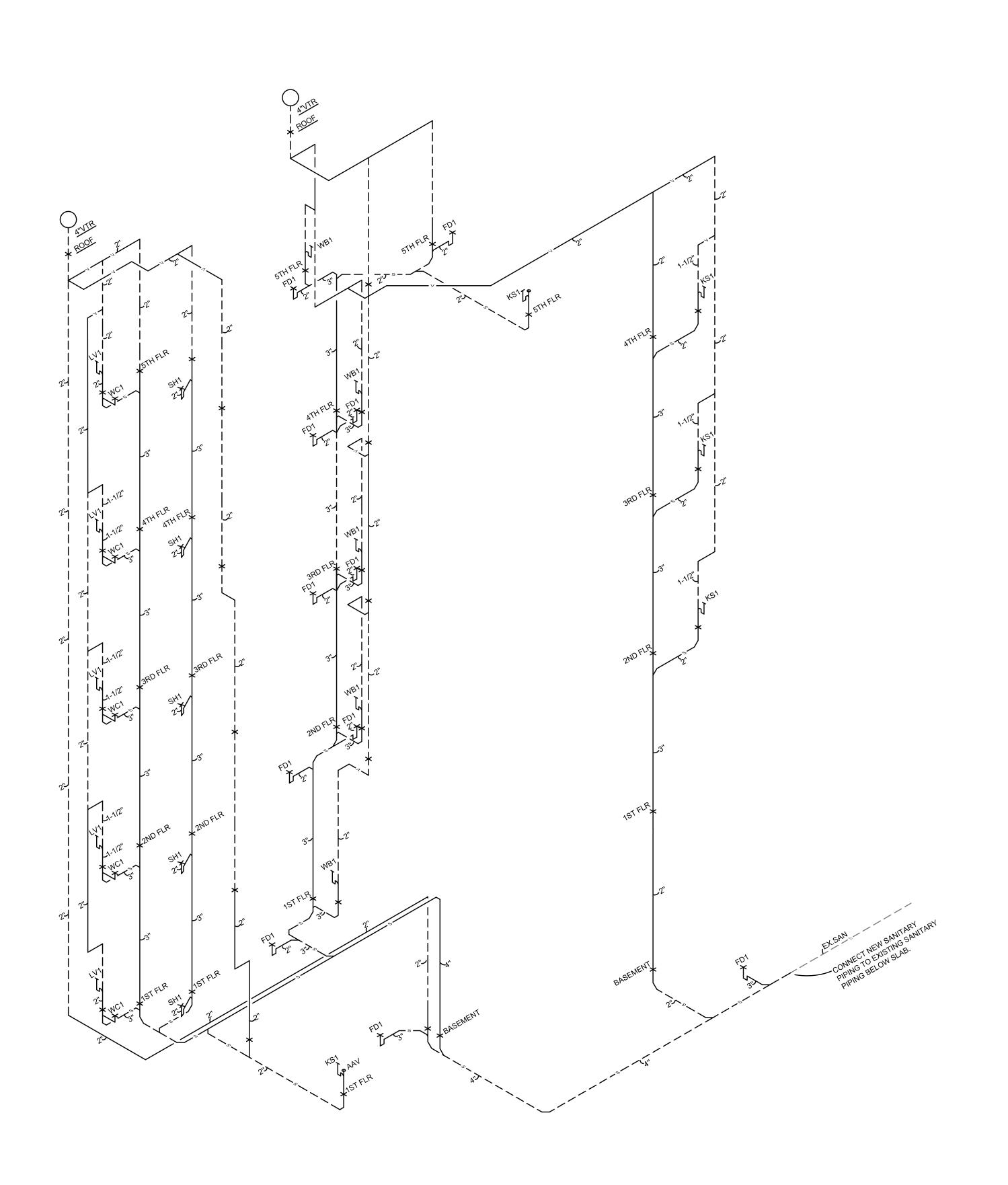


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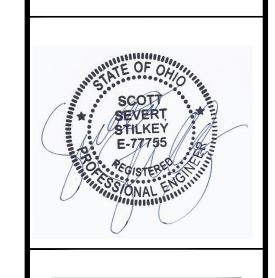
NOT APPLICABLE | MANUAL

|GENERAL/ADA |FLOOR

CHINA



PLATTE architecture + design



Progress Dates 05/05/2023 BID P/E/FP 08/30/2024 BID SET 2

Revision

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