1809 VINE ST. CINCINNATI, OHIO, 45202

FINDLAY FLATS RENOVATION

STRUCTURAL ENGINEER

ADVANTAGE GROUP

1527 MADISON ROAD, FL 2

CINCINNATI, OH 45206

MEP ENGINEER

515 MONMOUTH STREET, SUITE 201

NEWPORT, KY 41071

(859) 261-0585

ENGINEERED BUILDING SYSTEMS, INC.

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

(513) 336-6600

CIVIL ENGINEER

ARCHITECT

CLIENT/DEVELOPER

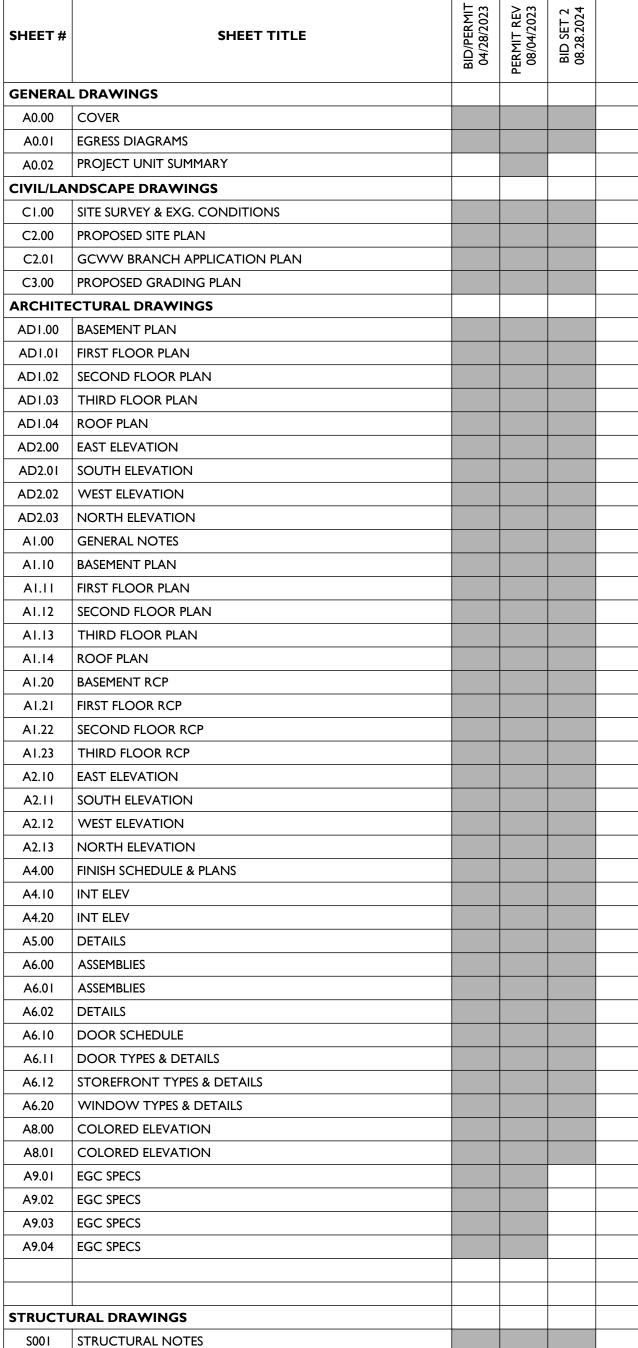
PLATTE DESIGN 1810 CAMPBELL ALLEY, STE 300 CINCINNATI, OH 45202 (513) 871-1850

3CDC 1203 WALNUT STREET CINCINNATI, OH 45202 (513) 621-4400

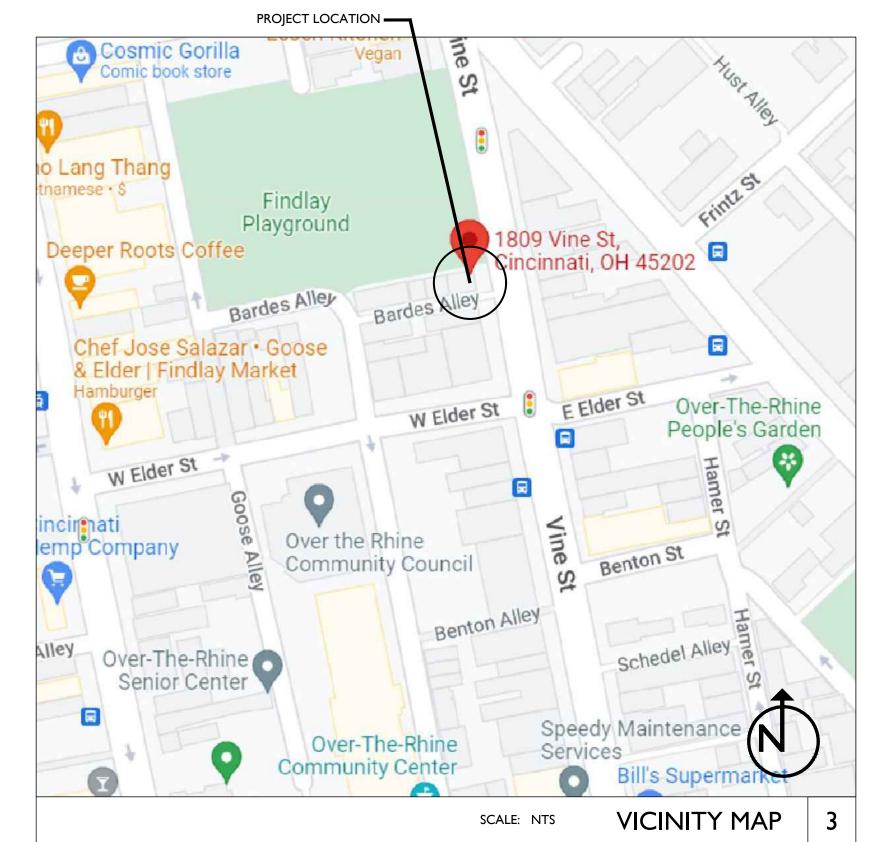
(513) 396-8900 **DRAWING INDEX**

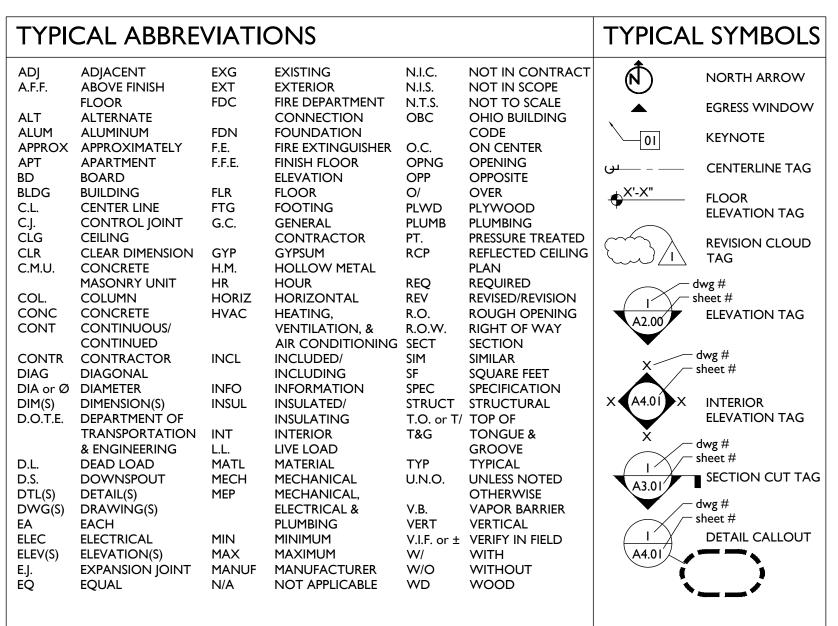
SIIO STRUCTURAL PLANS

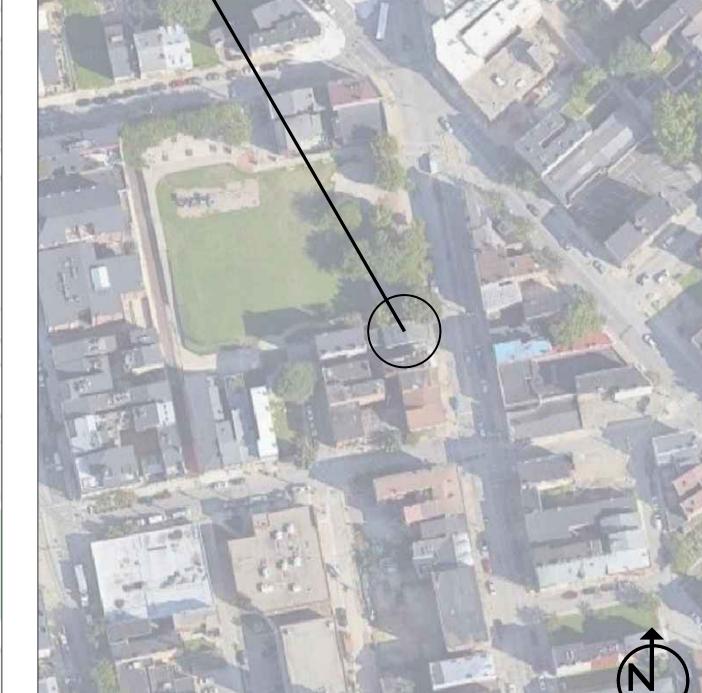
S120 STRUCTURAL PLANS



DRAWING INDEX						
SHEET#	SHEET TITLE	BID/PERMIT 04/28/2023	PERMIT REV I 08/04/2023	BID SET 2 08.28.2024		
\$130	STRUCTURAL PLANS					
\$140	STRUCTURAL PLANS					
S200	STRUCTURAL ELEVATIONS					
S201	STRUCTURAL ELEVATIONS					
\$310	STRUCTURAL DETAILS					
S320	STRUCTURAL DETAILS					
S340	STRUCTURAL DETAILS					
S341	STRUCTURAL DETAILS					
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 - 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 - ROOF					
E2.00	ELECTRICAL DETAILS					
E2.01	ELECTRICAL DETAILS					
E2.02	ELECTRICAL DETAILS					
PLUMBIN	IG 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 - ROOF					
P2.00	PLUMBING DETAILS					
P2.01	PLUMBING DETAILS					
	I					







AERIAL IMAGE

STREET VIEW



809

Progress Dates

Drawn by:

2023.04.28 - BID/PERMIT

CO, JK, MR, MR, RK, RO, SO, TB

2024.08.30 - BID SET 2

Job No: 22042 08/30/2024

PROJECT DESCRIPTION

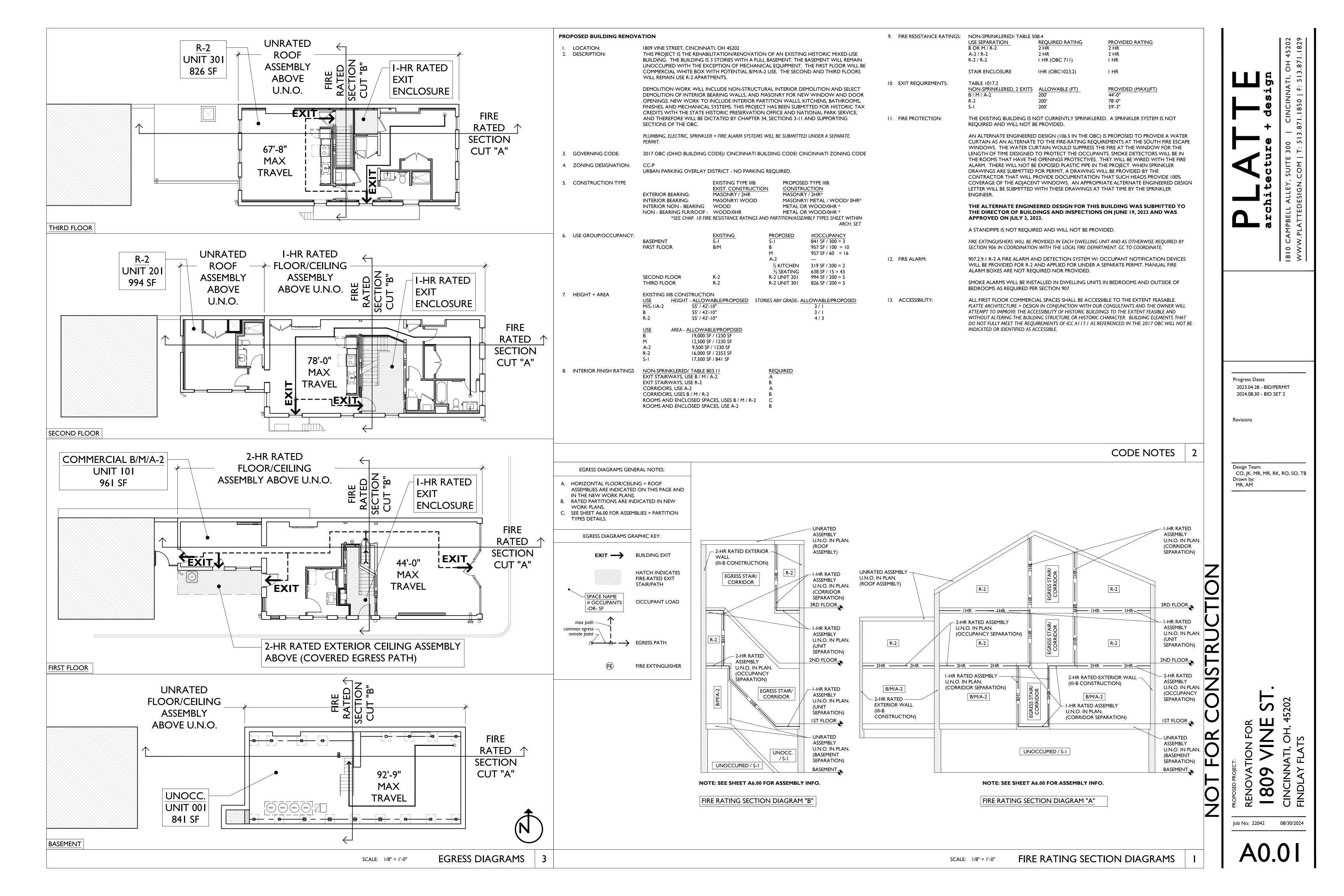
EXCEPTION OF MECHANICAL EQUIPMENT. THE FIRST FLOOR WILL BE COMMERCIAL WHITE BOX WITH

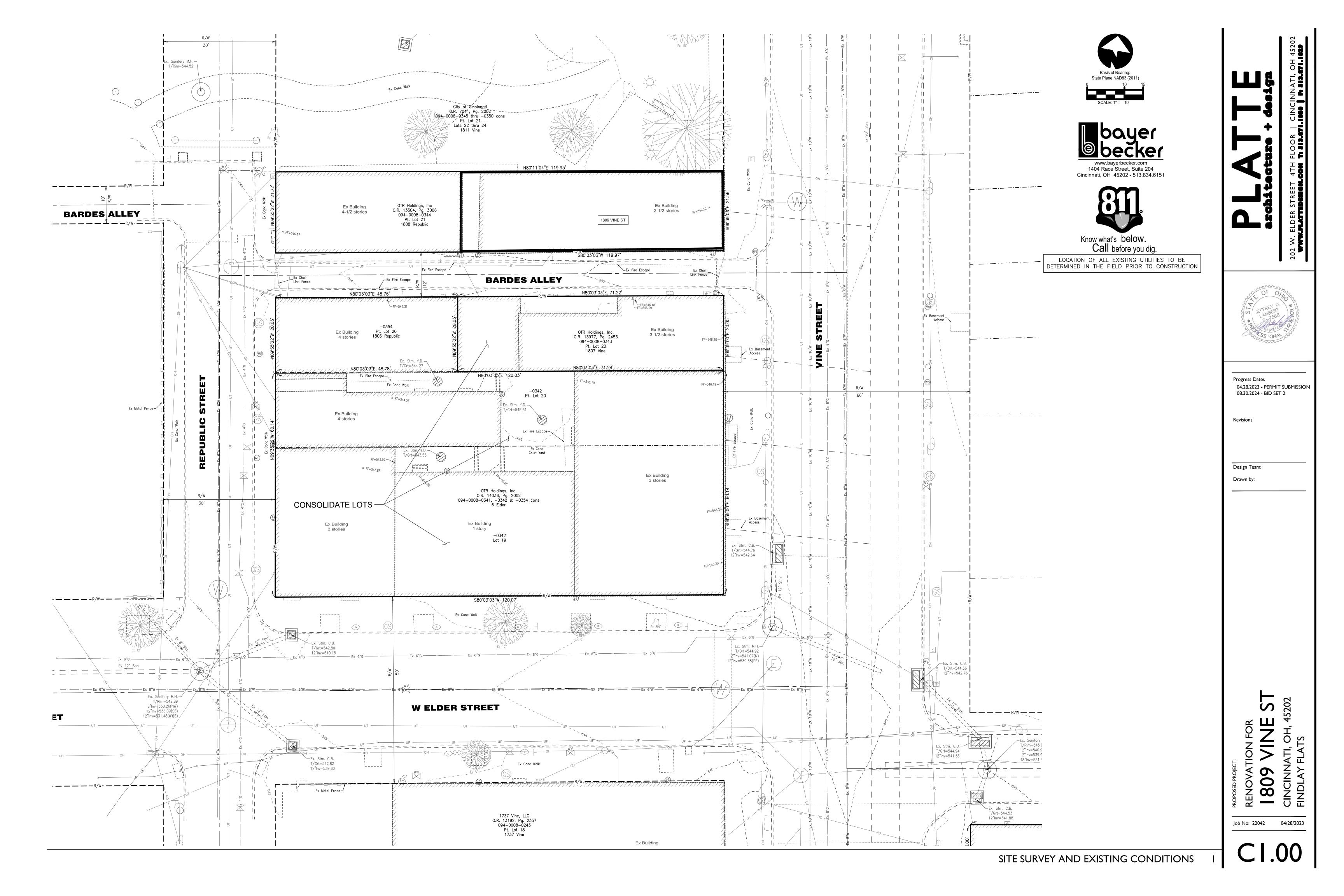
INTERIOR BEARING WALLS, AND MASONRY FOR NEW WINDOW AND DOOR OPENINGS. NEW WORK TO INCLUDE INTERIOR PARTITION WALLS, KITCHENS, BATHROOMS, FINISHES, AND MECHANICAL SYSTEMS. THIS PROJECT HAS BEEN SUBMITTED FOR HISTORIC TAX CREDITS WITH THE STATE HISTORIC PRESERVATION OFFICE AND NATIONAL PARK SERVICE, AND THEREFORE WILL BE DICTATED BY CHAPTER 34, SECTIONS 3-11 AND SUPPORTING SECTIONS OF THE OBC.

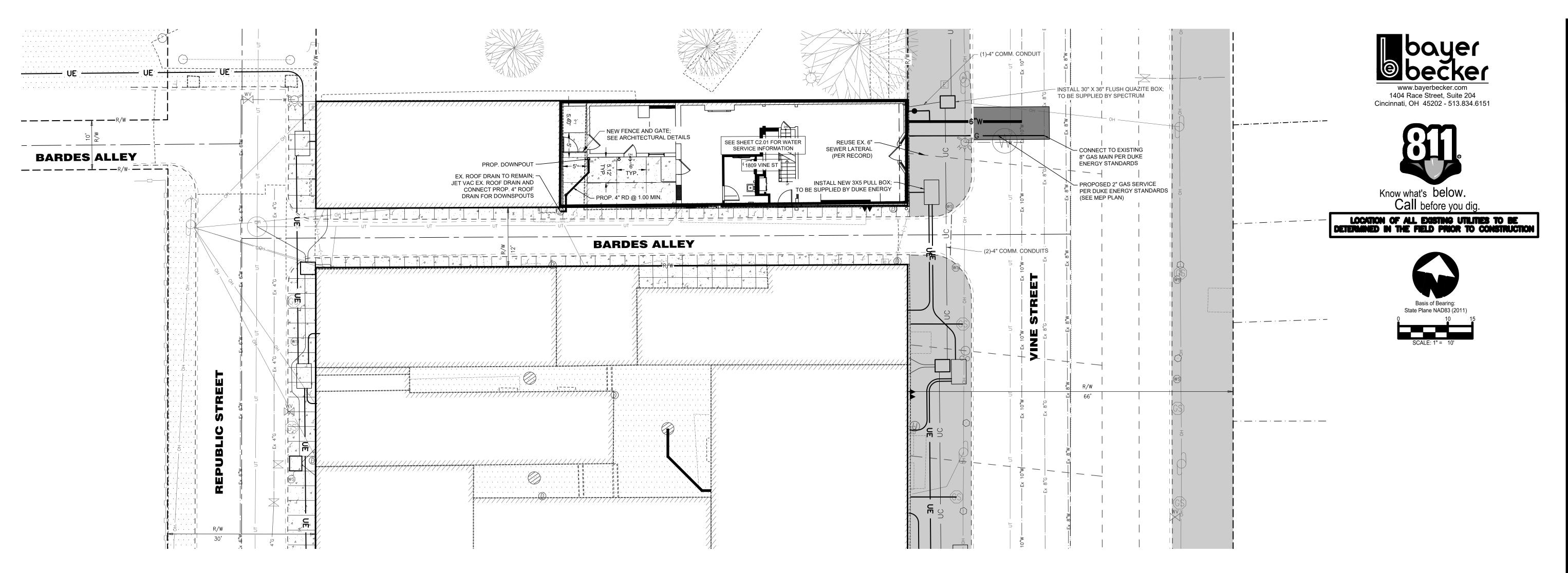
PROJECT LOCATION -

SCALE: NTS

SCALE: NTS







LEGEND

EXISTING CONCRETE WALK OR DRIVE (TO REMAIN)

PROPOSED CONCRETE WALK (SEE DETAIL 1/C3.00)

STREETSCAPE PROJECT BY OTHERS

REMOVE & REPLACE EX PAVEMENT IN KIND PER DOTE STANDARDS (SEE SHEET C3.00 FOR DETAILS)

MAINTENANCE OF TRAFFIC NOTES

- 1. ALL WORK SHALL BE IN ACCORDANCE WITH THE CURRENT STATE OF OHIO DEPARTMENT OF TRANSPORTATION, CONSTRUCTION AND MATERIAL SPECIFICATIONS, AND CURRENT STANDARD DRAWINGS, UNLESS OTHERWISE NOTED.
- 2. ALL WORK SHALL BE DONE IN ACCORDANCE WITH ITEM 614 AND OTHER APPLICABLE PORTIONS OF THE C&M SPECIFICATIONS AS WELL AS IN ACCORDANCE WITH PART 7 OF OMUTCD. LANE CLOSURES SHALL BE IN ACCORDANCE WITH STANDARD CONSTRUCTION DRAWINGS MT-97.10, MT-99.10
- 3. LOCAL TRAFFIC SHALL BE MAINTAINED AT ALL TIMES THROUGH THE USE OF FLAGGERS AND SAFETY CONES, AS DIRECTED BY THE CITY
- ENGINEER.
 4. THE CONTRACTOR MUST COORDINATE THE WORK SO AS TO NOT INTERRUPT INGRESS AND EGRESS FROM AFFECTED PROPERTIES.
- 5. IF THE CONTRACTOR SO ELECTS, HE MAY SUBMIT ALTERNATE METHODS FOR THE MAINTENANCE OF TRAFFIC, PROVIDED THAT THE INTENT OF THE ABOVE PROVISIONS IS FOLLOWED AND NO ADDITIONAL INCONVENIENCE TO THE TRAVELING PUBLIC RESULTS THEREFROM. NO ALTERNATE PLAN WILL BE PUT INTO EFFECT UNTIL THE APPROVAL HAS BEEN GRANTED, IN WRITING, BY THE CITY OF CINCINNATI DOTE.
- 6. THE OPEN TRENCH SHALL BE ADEQUATELY MAINTAINED AND PROTECTED WITH DRUMS OR BARRICADES AT ALL TIMES.
 7. NO TRENCH SHALL BE LEFT OPEN OVERNIGHT. IN CASE WORK MUST BE SUSPENDED BECAUSE OF INCLEMENT WEATHER OR OTHER
- REASONS, THE TRENCH FOR THE UNCOMPLETED WORK SHALL BE PLATED OR BACKFILLED AT THE DIRECTION OF THE COUNTY ENGINEER.

 8. THE CONTRACTOR SHALL HAVE ALL EXISTING UTILITIES LOCATED PRIOR TO BEGINNING CONSTRUCTION.

MSD SEWER NOTES

- 1. SANITARY PIPE MATERIAL SHALL BE 6" PVC SDR-35 @2.00% MINIMUM.
- IF LOWEST LEVEL ELEVATION IS BELOW RIM ELEVATION OF UPSTREAM MANHOLE, THEN TAP MUST INCLUDE BACKFLOW PREVENTION OR BE PUMPED TO GRAVITY.

SITE PERMITS NOTES

 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). PLATTE PLATE + Continue of the standard of th



Progress Dates
04.28.2023 - PERMIT SUBMISSION
08.30.2024 - BID SET 2

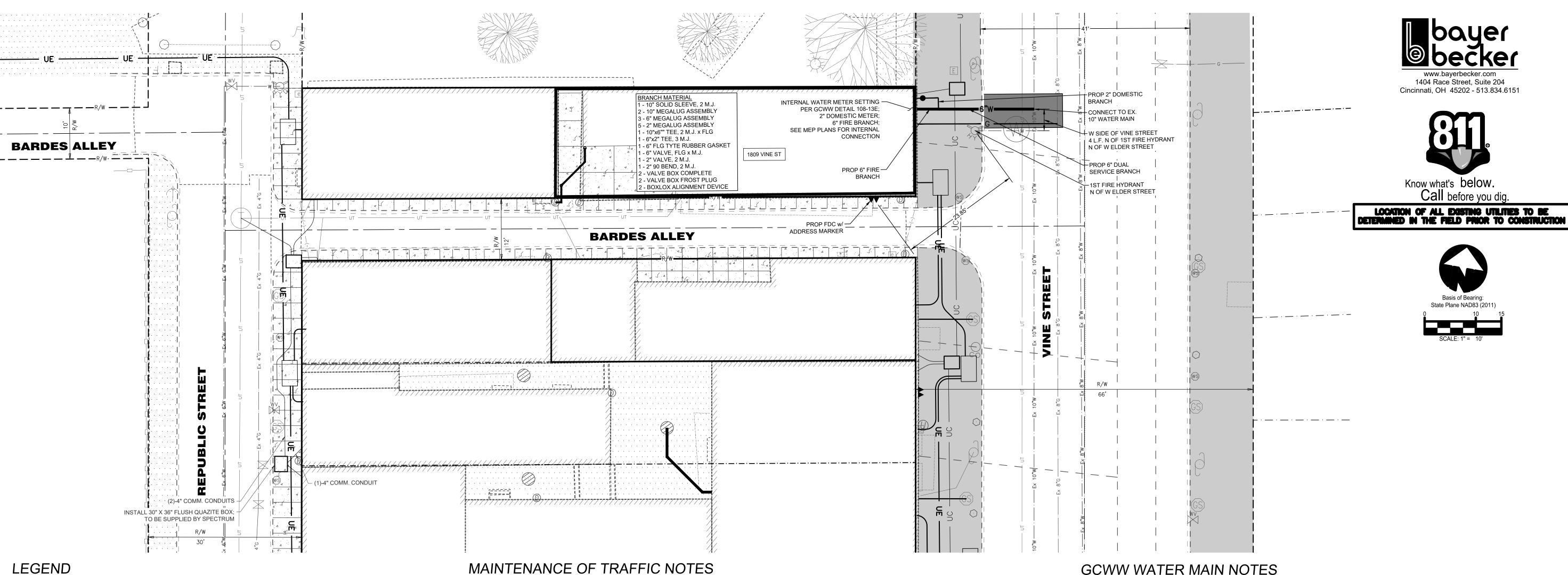
Revision

Design Team:

Drawn by: EFS

ENOVATION FOR 809 VINE ST

Job No: 22042 04/28/2023



MAINTENANCE OF TRAFFIC NOTES

- ALL WORK SHALL BE IN ACCORDANCE WITH THE CURRENT STATE OF OHIO DEPARTMENT OF TRANSPORTATION. CONSTRUCTION AND
- MATERIAL SPECIFICATIONS, AND CURRENT STANDARD DRAWINGS, UNLESS OTHERWISE NOTED 2. ALL WORK SHALL BE DONE IN ACCORDANCE WITH ITEM 614 AND OTHER APPLICABLE PORTIONS OF THE C&M SPECIFICATIONS AS WELL AS IN ACCORDANCE WITH PART 7 OF OMUTCD. LANE CLOSURES SHALL BE IN ACCORDANCE WITH STANDARD CONSTRUCTION DRAWINGS MT-97.10,
- 3. LOCAL TRAFFIC SHALL BE MAINTAINED AT ALL TIMES THROUGH THE USE OF FLAGGERS AND SAFETY CONES, AS DIRECTED BY THE CITY
- 4. THE CONTRACTOR MUST COORDINATE THE WORK SO AS TO NOT INTERRUPT INGRESS AND EGRESS FROM AFFECTED PROPERTIES. 5. IF THE CONTRACTOR SO ELECTS, HE MAY SUBMIT ALTERNATE METHODS FOR THE MAINTENANCE OF TRAFFIC, PROVIDED THAT THE INTENT
- OF THE ABOVE PROVISIONS IS FOLLOWED AND NO ADDITIONAL INCONVENIENCE TO THE TRAVELING PUBLIC RESULTS THEREFROM. NO ALTERNATE PLAN WILL BE PUT INTO EFFECT UNTIL THE APPROVAL HAS BEEN GRANTED, IN WRITING, BY THE CITY OF CINCINNATI DOTE.
- 6. THE OPEN TRENCH SHALL BE ADEQUATELY MAINTAINED AND PROTECTED WITH DRUMS OR BARRICADES AT ALL TIMES.
- NO TRENCH SHALL BE LEFT OPEN OVERNIGHT. IN CASE WORK MUST BE SUSPENDED BECAUSE OF INCLEMENT WEATHER OR OTHER REASONS, THE TRENCH FOR THE UNCOMPLETED WORK SHALL BE PLATED OR BACKFILLED AT THE DIRECTION OF THE COUNTY ENGINEER.
- 8. THE CONTRACTOR SHALL HAVE ALL EXISTING UTILITIES LOCATED PRIOR TO BEGINNING CONSTRUCTION.

MSD SEWER NOTES

1. SANITARY PIPE MATERIAL SHALL BE 6" PVC SDR-35 @2.00% MINIMUM.

EXISTING CONCRETE

(SEE DETAIL 1/C3.00)

PROPOSED CONCRETE WALK

WALK OR DRIVE (TO REMAIN)

2. IF LOWEST LEVEL ELEVATION IS BELOW RIM ELEVATION OF UPSTREAM MANHOLE, THEN TAP MUST INCLUDE BACKFLOW PREVENTION OR BE PUMPED TO GRAVITY.

SITE PERMITS NOTES

INSIDE SETTING

OF BACKFLOW PREVENTER

meyole 1/4/13

STREETSCAPE PROJECT

REMOVE & REPLACE EX PAVEMENT

IN KIND PER DOTE STANDARDS

(SEE SHEET C3.00 FOR DETAILS)

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).

BRANCH APPLICATION PLAN VERITY DISCLAIMER

THIS PLAT/SHEET HAS BEEN PREPARED BY THE APPLICANT FOR WATER SERVICE.

ALL EXISTING UTILITY AND RECORD INFORMATION DEPICTED ON THE DRAWING; INCLUDING BUILDING FOOTPRINT (WHICH MUST SHOW ANY ENCROACHMENTS INTO THE PUBLIC RIGHT OF WAY, INCLUDING; BUT NOT LIMITED TO; BASEMENT AREAS, ROOT CELLARS AND COAL CHUTES), PARCEL AND EASEMENT INFORMATION, ROADWAY AND

ANY AND ALL DAMAGES OR NEED FOR ADDITIONAL WORK; RESULTING FROM INACCURACY ON THE PART OF THE APPLICANT IS THE APPLICANT'S SOLE FINANCIAL RESPONSIBILITY.

GCWW WATER MAIN NOTES

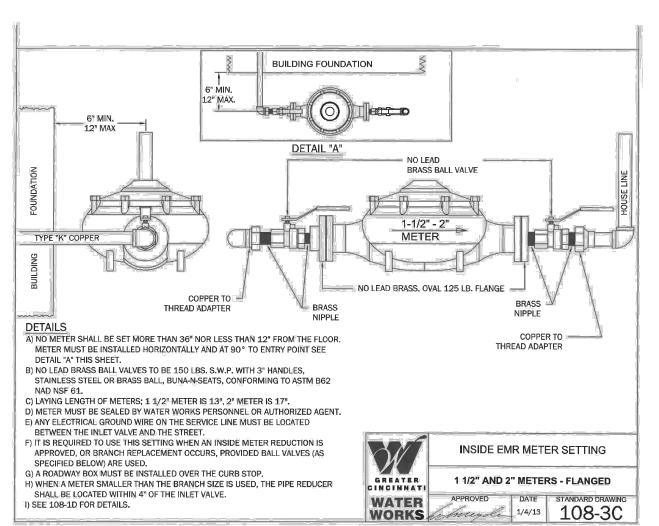
2. ALL WATER FACILITIES ON THIS PROJECT ARE TO BE PRIVATE.

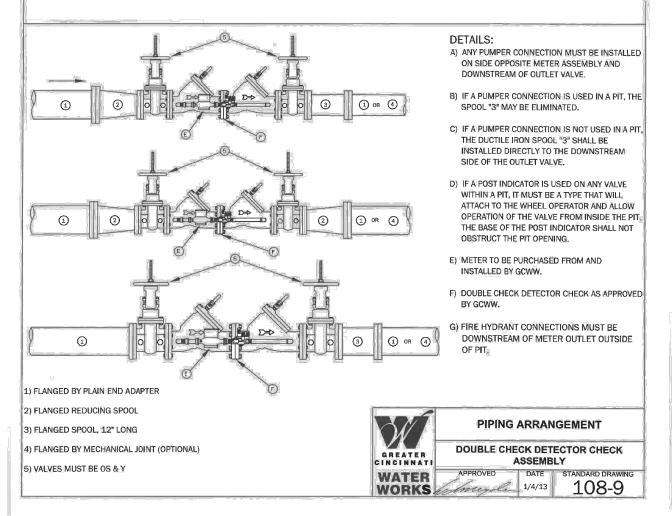
- ALL WATER WORK AND WATER MAIN MATERIALS INCLUDING PIPE, FITTINGS, VALVES, HYDRANTS, AND INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF GREATER CINCINNATI WATER WORKS. THE MOST RIGID SPECIFICATIONS SHALL GOVERN IN THE EVENT OF A CONFLICT WITH THE PROJECT SPECIFICATIONS.
- 3. BACKFILL SHALL BE CLASS A WHEN MAIN IS FIVE (5) FEET OR GREATER FROM EXISTING PUBLIC CURB. LESS THAN FIVE (5) FEET FROM EXISTING PUBLIC CURB, UNDER CURB OR EXISTING PUBLIC PAVEMENT BACKFILL SHALL BE CONTROLLED DENSITY FILL.
- 4. WATER MAINS SHALL MAINTAIN A MINIMUM COVER OF FOURTY TWO (42) INCHES.
- 5. A MINIMUM CLEAR DISTANCE OF TEN (10) FEET HORIZONTAL AND EIGHTEEN (18) INCHES VERTICAL SHALL BE MAINTAINED BETWEEN SANITARY AND/OR STORM SEWERS AND WATER MAINS.
- 6. SANITARY AND STORM SEWERS THAT CROSS WATER MAINS SHALL BE LOCATED SUCH THAT THE SEWER JOINTS WILL BE EQUIDISTANT AND AS FAR AS POSSIBLE FROM THE WATER MAIN JOINTS.
- 7. PRIVATE WATER MAINS BEYOND THE METER PIT MAY BE C900 DR18 FOR WORKING PRESSURES LESS THAN 150 PSI. FOR
- DESIGN PRESSURES GREATER THAN 150 PSI, DUCTILE IRON PRESSURE CLASS 350 OR C900 DR 14 SHALL BE USED. 8. SERVICE PIPING SMALLER THAN THREE (3) INCHES SHALL BE SEAMLESS COPPER FLEXIBLE WATER TUBING, ASTM B 88, TYPE K,

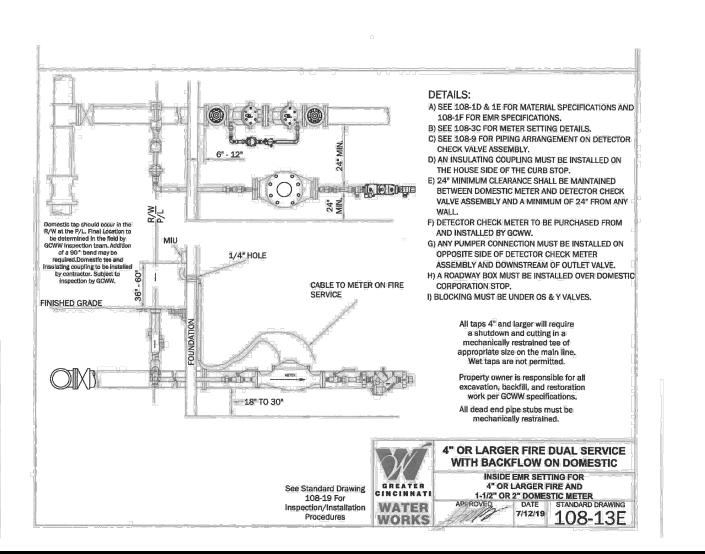
RIGHT OF WAY LOCATION ARE THE RESULT OF RESEARCH BY THIS APPLICANT.

FLOOR DRAIN RECOMMENDED A) IF THE BACKFLOW PREVENTER IS ALLOWED TO BE INSTALLED INSIDE A BUILDING, THAT PORTION OF THE SERVICE PIPING BETWEEN THE METER AND THE BACKFLOW PREVENTER SHALL BE VOID OF BRANCHES OR OUTLETS OF ANY KIND. B) THE BACKFLOW PREVENTER INSIDE A BUILDING SHALL BE LOCATED AS CLOSE AS POSSIBLE TO THE POINT WHERE THE PIPING ENTERS THE BUILDING. THIS LOCATION SHALL BE DETERMINED BY THE C) THE BACKFLOW PREVENTER SHALL BE INSTALLED DOWNSTREAM OF THE METER, A MINIMUM OF 24" FROM THE NEAREST WALL, WITH THE BUILDING WALL TEST COCKS FACING THE CENTER OF THE ROOM. D) WATER WILL BE SPILLED DURING PERIODIC TESTING OF ALL BACKFLOW PREVENTERS AND DURING OPERATION OF REDUCED PRESSURE TYPE PREVENTERS. FOR THIS REASON, IT IS RECOMMENDED THAT A FLOOR DRAIN BE INSTALLED AS CLOSE AS POSSIBLE TO THE DEVICE. E) IN LIEU OF A FLOOR DRAIN, THE DISCHARGE FROM A REDUCED PRESSURE BACKFLOW PREVENTER MAY BE PIPED TO A SEWER BACKFLOW PREVENTER TO BE NO PROVIDED AN APPROVED AIR-GAP IS MAINTAINED AT THE RELIEF SMALLER THAN METER SIZE VALVE OF THE DEVICE. FLOOR DRAIN RECOMMENDED **GENERAL BACKFLOW SETTINGS**

CINCINNATI









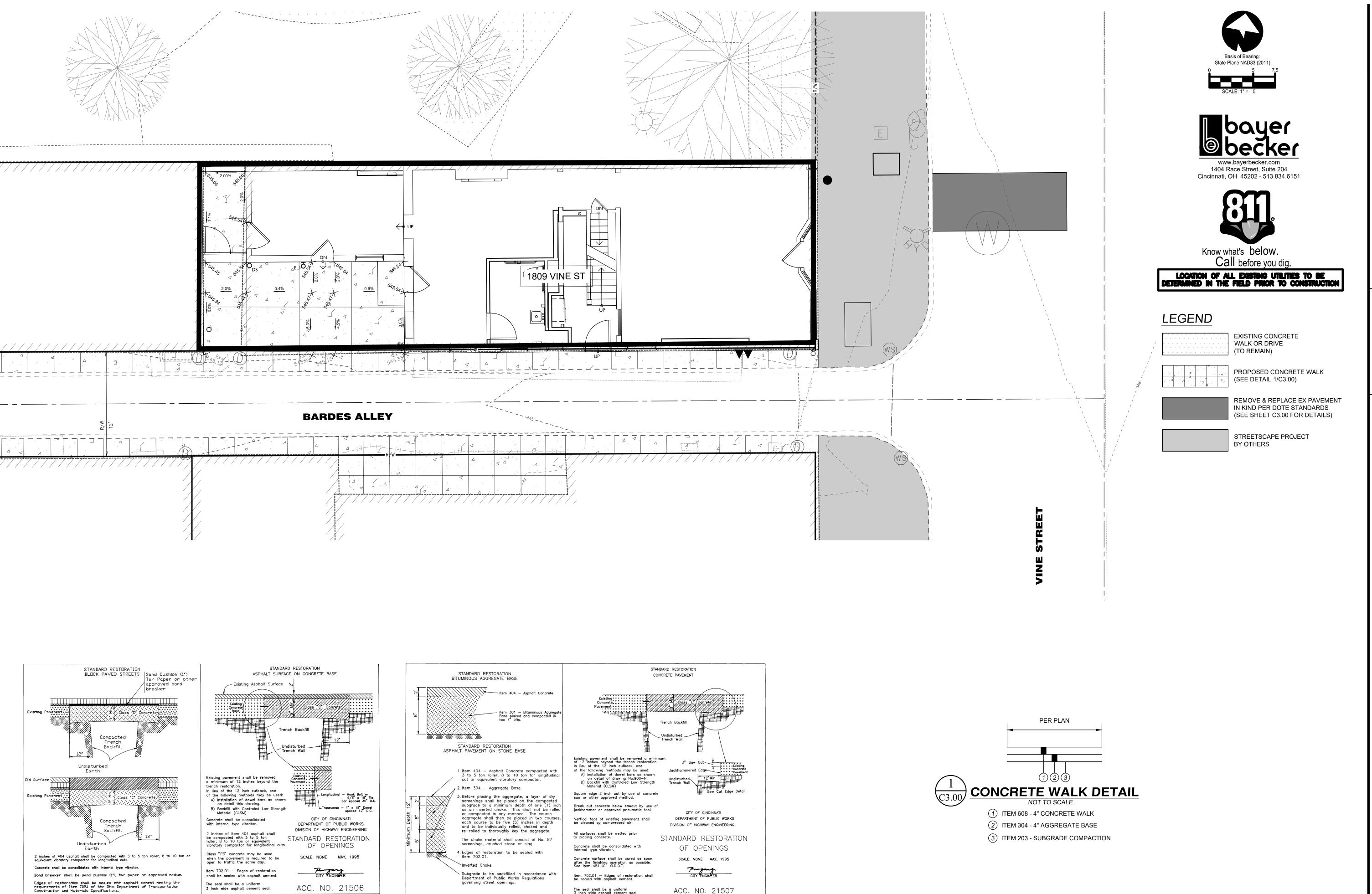
04.28.2023 - PERMIT SUBMISSION 08.30.2024 - BID SET 2

Drawn by:

EFS

8

Job No: 22042 04/28/2023



The seal shall be a uniform 3 inch wide asphalt cement seal.

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ACC. NO. 21507

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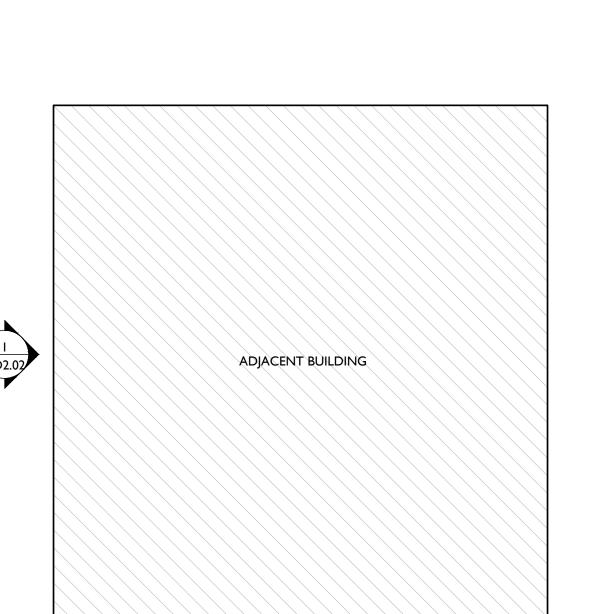
04.28.2023 - PERMIT SUBMISSION

08.30.2024 - BID SET 2

Drawn by: EFS

NE NE 809

Job No: 22042 04/28/2023



2.5 REMOVE NON-HISTORIC STOREFRONT GLAZING AND

3. CONCRETE

3.1 NOT USED.

4.1 EXG CHIMNEY TO REMAIN.

5.1 REMOVE NON-HISTORIC METAL GATE.

6. WOOD, PLASTICS, AND COMPOSITES

NON-HISTORIC GUARDRAIL/HANDRAIL.

STRUCT. DWGS. FOR DTLS.

4. MASONRY

NON-HISTORIC INFILL MATERIAL. HISTORIC STOREFRONT

5.2 REMOVE AND RETAIN FIRE ESCAPE DROP DOWN LADDER. SEE

PROPOSED PLANS/ELEVATIONS FOR REINSTALL LOCATION. SEE

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

FRAMEWORK TO REMAIN. SEE NEW WORK PLANS AND ELEVATIONS.

FOR MORE INFORMATION.

MORE INFORMATION.

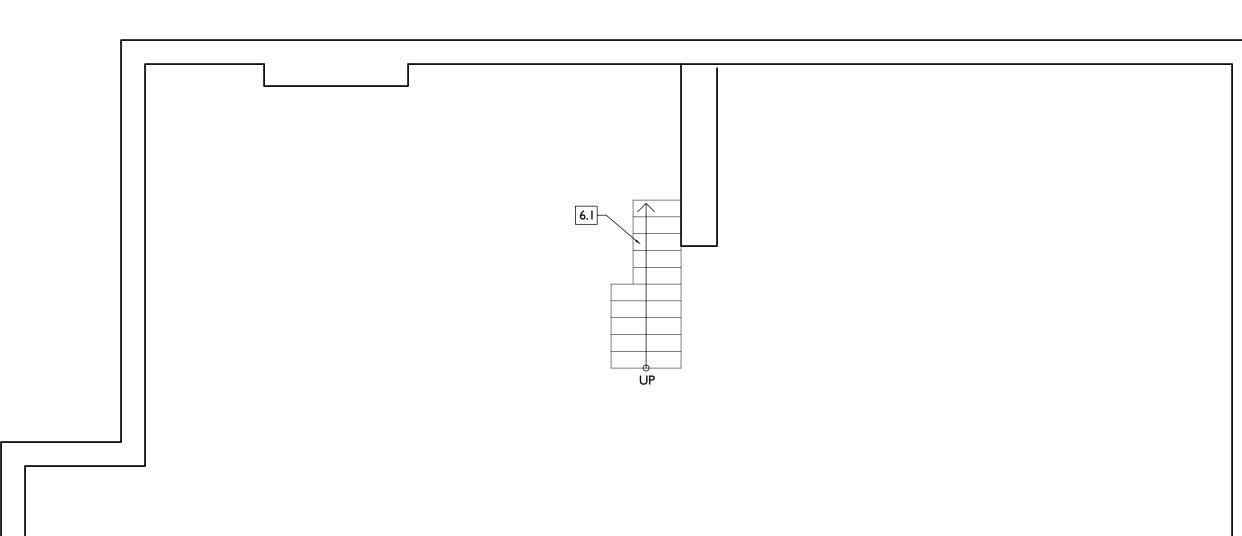
SUBFLOOR.

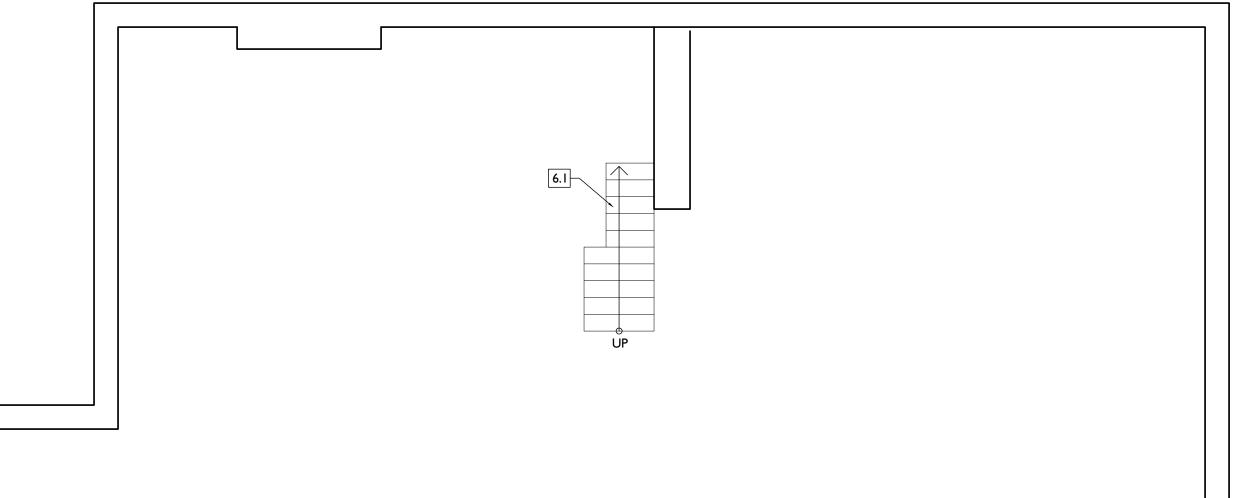
8.6 EXG HISTORIC FRAME AND TRANSOM TO REMAIN IN PLACE.

9.1 REMOVE NON-HISTORIC FINISH FLOORING DOWN TO WOOD

NON-HISTORIC DOOR/INFILL MATERIAL IS TO BE REMOVED. REPAIR

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





TO DEMOLITION.

IN CORRIDORS.

EDGES U.N.O.

STRUCTURAL ENGINEER.

SHALL BE SWEPT BROOM CLEAN.

ELEMENTS TO BE RETAINED:

3. PROVIDE SHORING AS REQUIRED.

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

E. IN AREAS OF NEW MASONRY OPENINGS, SALVAGE

HISTORIC BRICK FOR REUSE & CAREFULLY SORT

AND SEPARATE HARD-FIRED FACE BRICK FROM

ADDITIONAL INFORMATION REGARDING

BRICK IS NOT EXPOSED, EXCEPT WHERE NOTED

DAMAGED, CONTACT ARCHITECT AND



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).

M. SUSPENDED ACOUSTICAL CEILINGS.

FLOOR LEVELS, INCLUDING BASEMENT & ATTIC.

OTHERWISE:

DASHED).

2024.08.30 - BID SET 2 Revisions

CONSTRUCTION

TO BE REMOVED

Progress Dates 2023.04.28 - BID/PERMIT

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

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 INFILL STRUCTURE TO BE REMOVED ENTIRELY, AS SHOWN. PROVIDE SHORING AS REQ. SEE STRUCTURAL DWGS AND NEW WORK PLANS.
- 2.5 REMOVE NON-HISTORIC STOREFRONT GLAZING AND NON-HISTORIC INFILL MATERIAL. HISTORIC STOREFRONT FRAMEWORK TO REMAIN. SEE NEW WORK PLANS AND ELEVATIONS.

3. CONCRETE 3.1 NOT USED.

4. MASONRY

4.1 EXG CHIMNEY TO REMAIN.

5.1 REMOVE NON-HISTORIC METAL GATE. 5.2 REMOVE AND RETAIN FIRE ESCAPE DROP DOWN LADDER. SEE PROPOSED PLANS/ELEVATIONS FOR REINSTALL LOCATION. SEE STRUCT. DWGS. FOR DTLS.

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 GUARDRAIL/HANDRAIL.

NON-HISTORIC HANDRAILS. RETAIN HISTORIC BALUSTERS. REPAIR

- 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 WORK PLANS.
- 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 DOOR, FRAME, AND TRANSOM TO REMAIN IN PLACE. REPAIR AS REQ. SEE NEW WORK PLANS & DOOR TYPES/SCHEDULE
- FOR MORE INFORMATION. 8.6 EXG HISTORIC FRAME AND TRANSOM TO REMAIN IN PLACE. NON-HISTORIC DOOR/INFILL MATERIAL IS TO BE REMOVED. REPAIR AS REQ. SEE NEW WORK PLANS & DOOR TYPES/SCHEDULE FOR MORE INFORMATION.

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

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
- 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

- 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.

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

- 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 BRICK IS NOT EXPOSED, EXCEPT WHERE NOTED DASHED).

H. RETAIN HISTORIC INTERIOR WOOD TRIM -

BEING REMOVED OR WHERE NEW FURRING IS

PROPOSED, CAREFULLY REMOVE & RETAIN

I. RETAIN HISTORIC INTERIOR AND EXTERIOR

BRICK MOULD AND SHUTTER HARDWARE.

DOORS, TRANSOMS, AND SIDELITES.

HISTORIC TRIM.

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 TO REMAIN

EXG INTERIOR WALL TO REMAIN

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

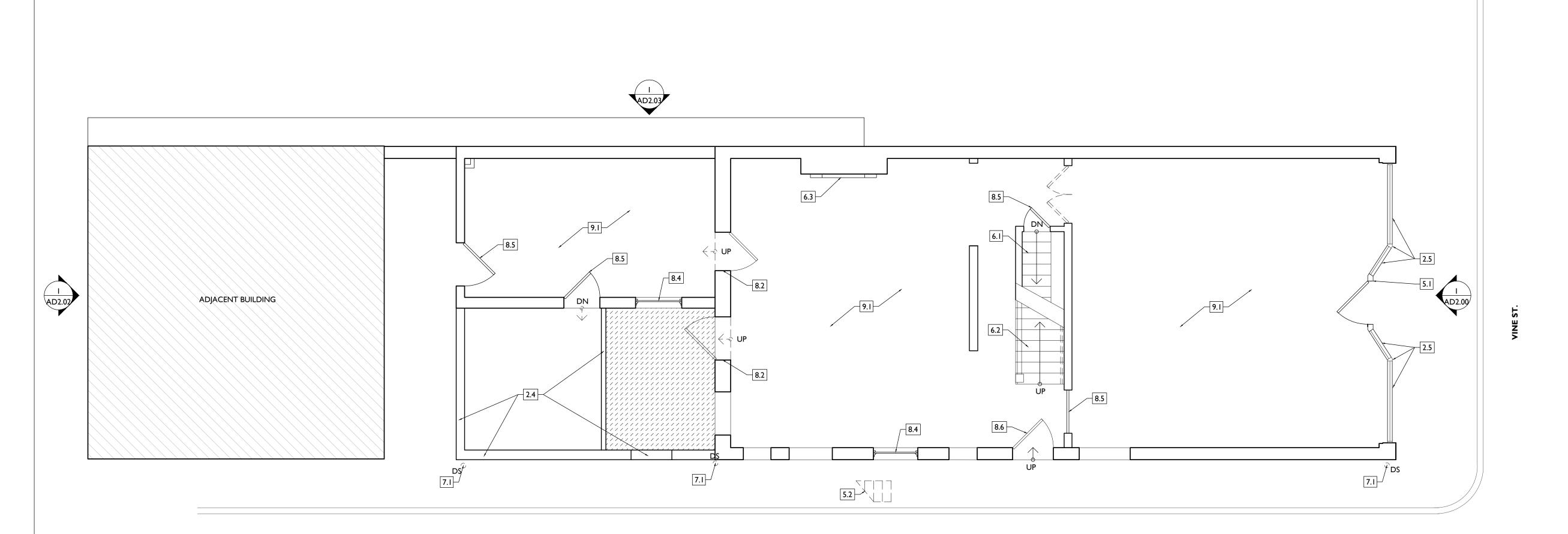
EXG DOOR & FRAME TO BE REMOVED EXG WINDOW TO BE

REMOVED EXG FLOOR OR WALL CONSTRUCTION TO BE REMOVED

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



BARDES ALLEY

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

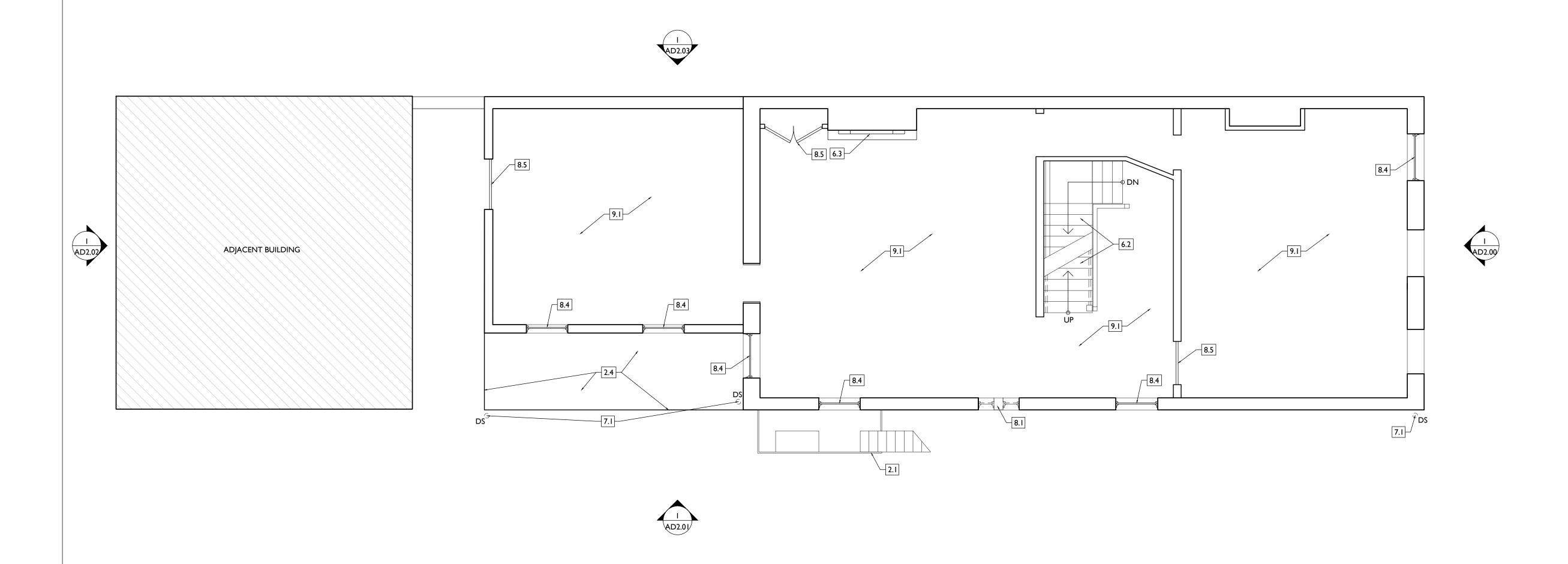
ADDITIONAL INFORMATION REGARDING

E. IN AREAS OF NEW MASONRY OPENINGS, SALVAGE

HISTORIC BRICK FOR REUSE & CAREFULLY SORT

AND SEPARATE HARD-FIRED FACE BRICK FROM

ELEMENTS TO BE RETAINED:



STRUCT. DWGS. FOR DTLS.

6. WOOD, PLASTICS, AND COMPOSITES

NON-HISTORIC GUARDRAIL/HANDRAIL.

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

Revisions

2023.04.28 - BID/PERMIT 2024.08.30 - BID SET 2

Design Team:
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Drawn by:
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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.

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 INFILL STRUCTURE TO BE REMOVED ENTIRELY, AS SHOWN. PROVIDE SHORING AS REQ. SEE STRUCTURAL DWGS AND NEW WORK PLANS.
- 2.5 REMOVE NON-HISTORIC STOREFRONT GLAZING AND NON-HISTORIC INFILL MATERIAL. HISTORIC STOREFRONT FRAMEWORK TO REMAIN. SEE NEW WORK PLANS AND ELEVATIONS.

3. CONCRETE 3.1 NOT USED.

4. MASONRY

4.1 EXG CHIMNEY TO REMAIN.

5.1 REMOVE NON-HISTORIC METAL GATE. 5.2 REMOVE AND RETAIN FIRE ESCAPE DROP DOWN LADDER. SEE PROPOSED PLANS/ELEVATIONS FOR REINSTALL LOCATION. SEE STRUCT. DWGS. FOR DTLS.

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

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

8.3 NEW OR EXPANDED OPENING IN EXG HISTORIC WALL. SEE NEW WORK PLANS. 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 DOOR, FRAME, AND TRANSOM TO REMAIN IN PLACE. REPAIR AS REQ. SEE NEW WORK PLANS & DOOR TYPES/SCHEDULE FOR MORE INFORMATION.

8.6 EXG HISTORIC FRAME AND TRANSOM TO REMAIN IN PLACE. NON-HISTORIC DOOR/INFILL MATERIAL IS TO BE REMOVED. REPAIR AS REQ. SEE NEW WORK PLANS & DOOR TYPES/SCHEDULE FOR MORE INFORMATION.

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

B. IF UNEXPECTED HISTORIC TRIM IS UNCOVERED DURING DEMOLITION, STOP WORK AND CONTACT ARCHITECT IMMEDIATELY FOR

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.

OTHERWISE:

DASHED).

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.

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.

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

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

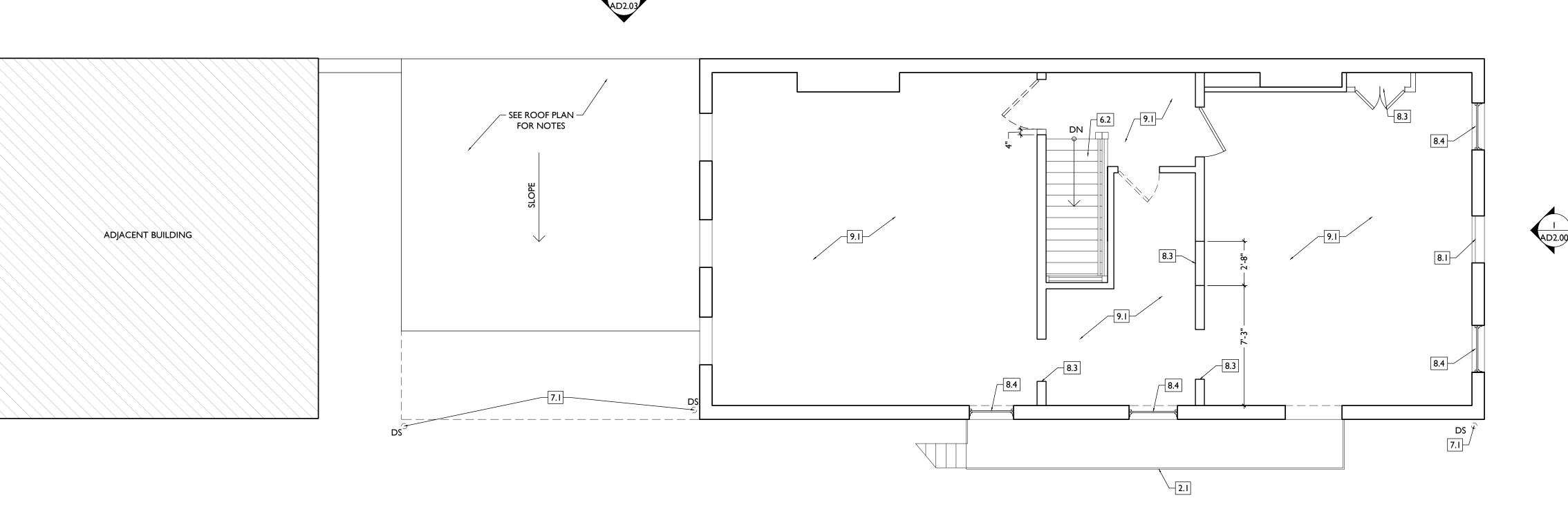
EXG DOOR & FRAME TO BE REMOVED EXG WINDOW TO BE

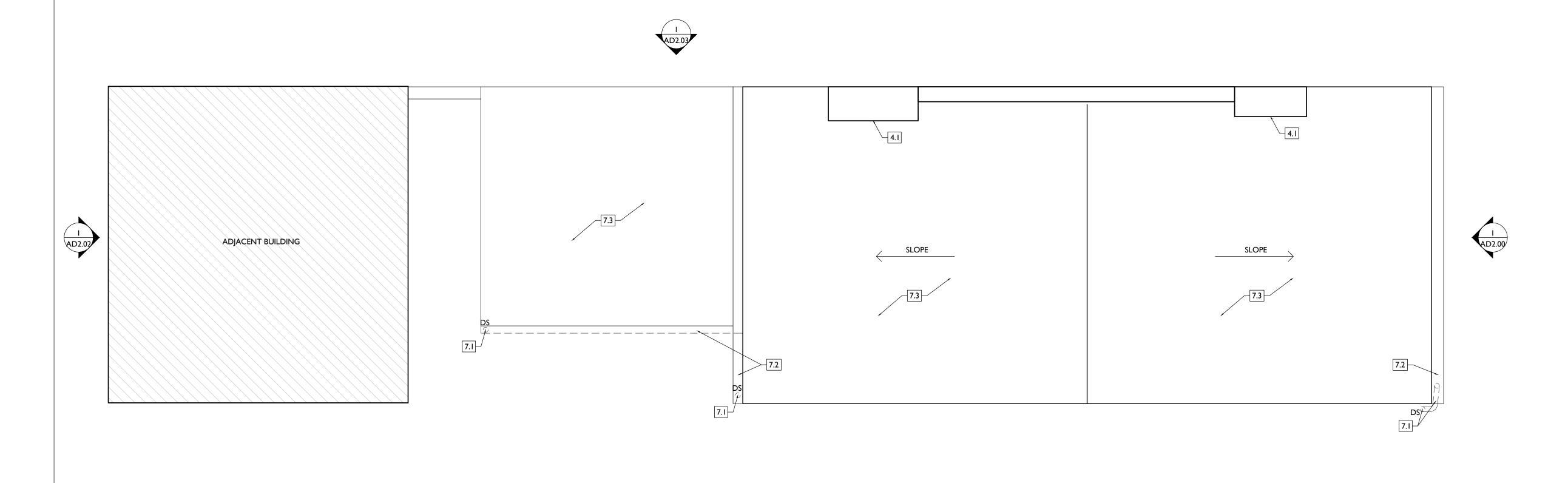
REMOVED EXG FLOOR OR WALL CONSTRUCTION TO BE REMOVED

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





OT FOR CONSTRUCTION

Progress Dates

Revisions

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

AD1.04

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 INFILL STRUCTURE TO BE REMOVED ENTIRELY, AS SHOWN. PROVIDE SHORING AS REQ. SEE STRUCTURAL DWGS AND NEW WORK PLANS.
- 2.5 REMOVE NON-HISTORIC STOREFRONT GLAZING AND NON-HISTORIC INFILL MATERIAL. HISTORIC STOREFRONT FRAMEWORK TO REMAIN. SEE NEW WORK PLANS AND ELEVATIONS.

3. CONCRETE 3.1 NOT USED.

4. MASONRY 4.1 EXG CHIMNEY TO REMAIN.

5.1 REMOVE NON-HISTORIC METAL GATE. 5.2 REMOVE AND RETAIN FIRE ESCAPE DROP DOWN LADDER. SEE PROPOSED PLANS/ELEVATIONS FOR REINSTALL LOCATION. SEE STRUCT. DWGS. FOR DTLS.

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 WORK PLANS.
- 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 DOOR, FRAME, AND TRANSOM TO REMAIN IN PLACE. REPAIR AS REQ. SEE NEW WORK PLANS & DOOR TYPES/SCHEDULE
- FOR MORE INFORMATION. 8.6 EXG HISTORIC FRAME AND TRANSOM TO REMAIN IN PLACE. NON-HISTORIC DOOR/INFILL MATERIAL IS TO BE REMOVED. REPAIR AS REQ. SEE NEW WORK PLANS & DOOR TYPES/SCHEDULE FOR MORE INFORMATION.

9.1 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 -T. NON-HISTORIC WALL FINISHES, INCLUDING COLUMNS, LINTELS, THRESHOLDS, GLAZING, ETC.

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

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

. 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. Z. VEGETATION.

REMOVE THE FOLLOWING, UNLESS NOTED

DOORS, TRANSOMS, AND SIDELITES.

HISTORIC TRIM.

- 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,
- 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

WHEN REQ. FOLLOW THESE GUIDELINES FOR THE

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

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

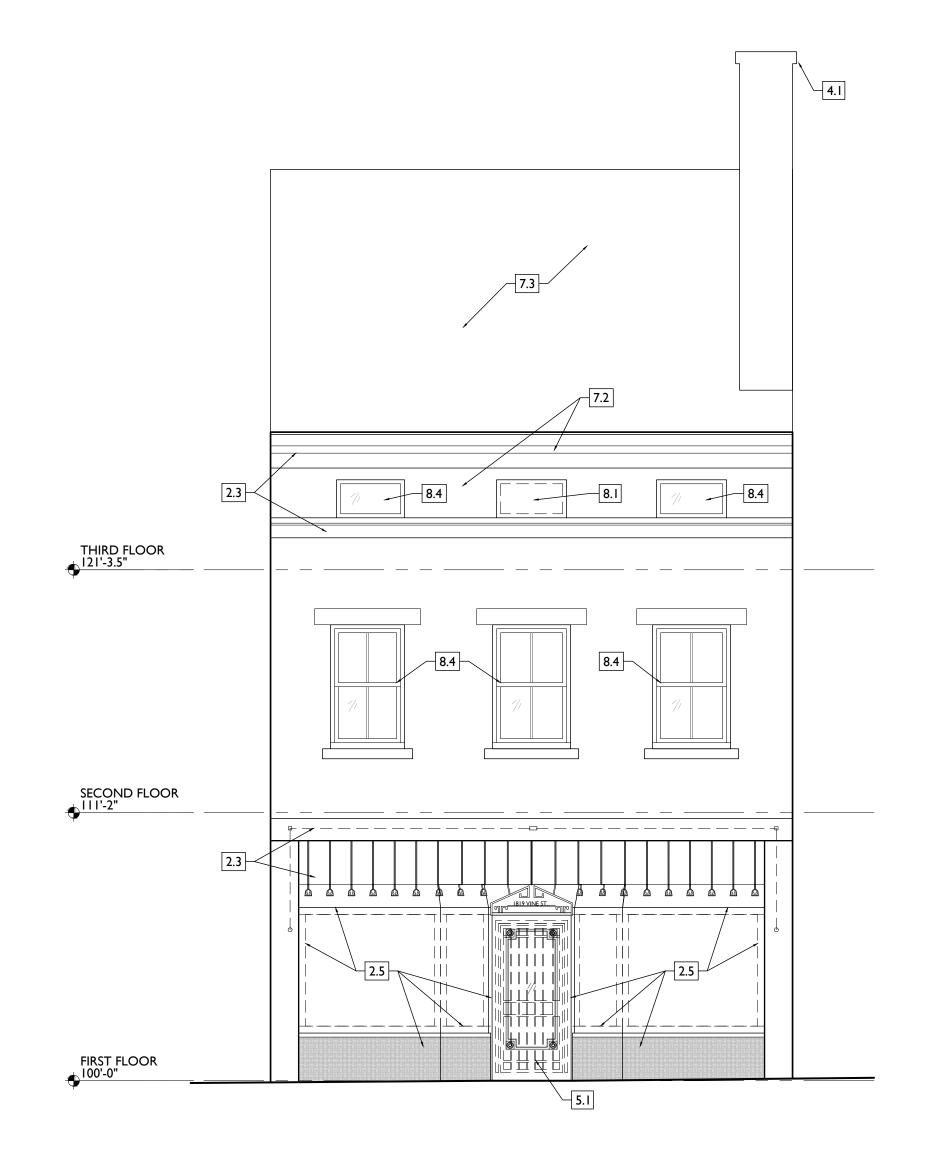
EXG FLOOR OR WALL CONSTRUCTION TO BE REMOVED

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

Revisions

ONSTRUCTION



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 INFILL STRUCTURE TO BE REMOVED ENTIRELY, AS SHOWN. PROVIDE SHORING AS REQ. SEE STRUCTURAL DWGS AND NEW
- WORK PLANS. 2.5 REMOVE NON-HISTORIC STOREFRONT GLAZING AND NON-HISTORIC INFILL MATERIAL. HISTORIC STOREFRONT FRAMEWORK TO REMAIN. SEE NEW WORK PLANS AND ELEVATIONS.

3. CONCRETE 3.1 NOT USED.

4. MASONRY 4.1 EXG CHIMNEY TO REMAIN.

5.1 REMOVE NON-HISTORIC METAL GATE. 5.2 REMOVE AND RETAIN FIRE ESCAPE DROP DOWN LADDER. SEE PROPOSED PLANS/ELEVATIONS FOR REINSTALL LOCATION. SEE STRUCT. DWGS. FOR DTLS.

NON-HISTORIC HANDRAILS. RETAIN HISTORIC BALUSTERS. REPAIR

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 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

WORK PLANS. 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 DOOR, FRAME, AND TRANSOM TO REMAIN IN PLACE.

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

FOR MORE INFORMATION. 8.6 EXG HISTORIC FRAME AND TRANSOM TO REMAIN IN PLACE. NON-HISTORIC DOOR/INFILL MATERIAL IS TO BE REMOVED. REPAIR AS REQ. SEE NEW WORK PLANS & DOOR TYPES/SCHEDULE FOR MORE INFORMATION.

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

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 I. RETAIN HISTORIC INTERIOR AND EXTERIOR

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.

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.

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

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

REMOVE THE FOLLOWING, UNLESS NOTED

OTHERWISE: L. FURNITURE & DEBRIS, INTERIOR & EXTERIOR, ALL

MANTLES, BASEBOARDS, CROWN MOULDING,

BEING REMOVED OR WHERE NEW FURRING IS

PROPOSED, CAREFULLY REMOVE & RETAIN

BRICK MOULD AND SHUTTER HARDWARE.

DOORS, TRANSOMS, AND SIDELITES.

HISTORIC TRIM.

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

EXG INTERIOR WALL TO REMAIN

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

TO BE REMOVED

EXG DOOR & FRAME TO BE REMOVED

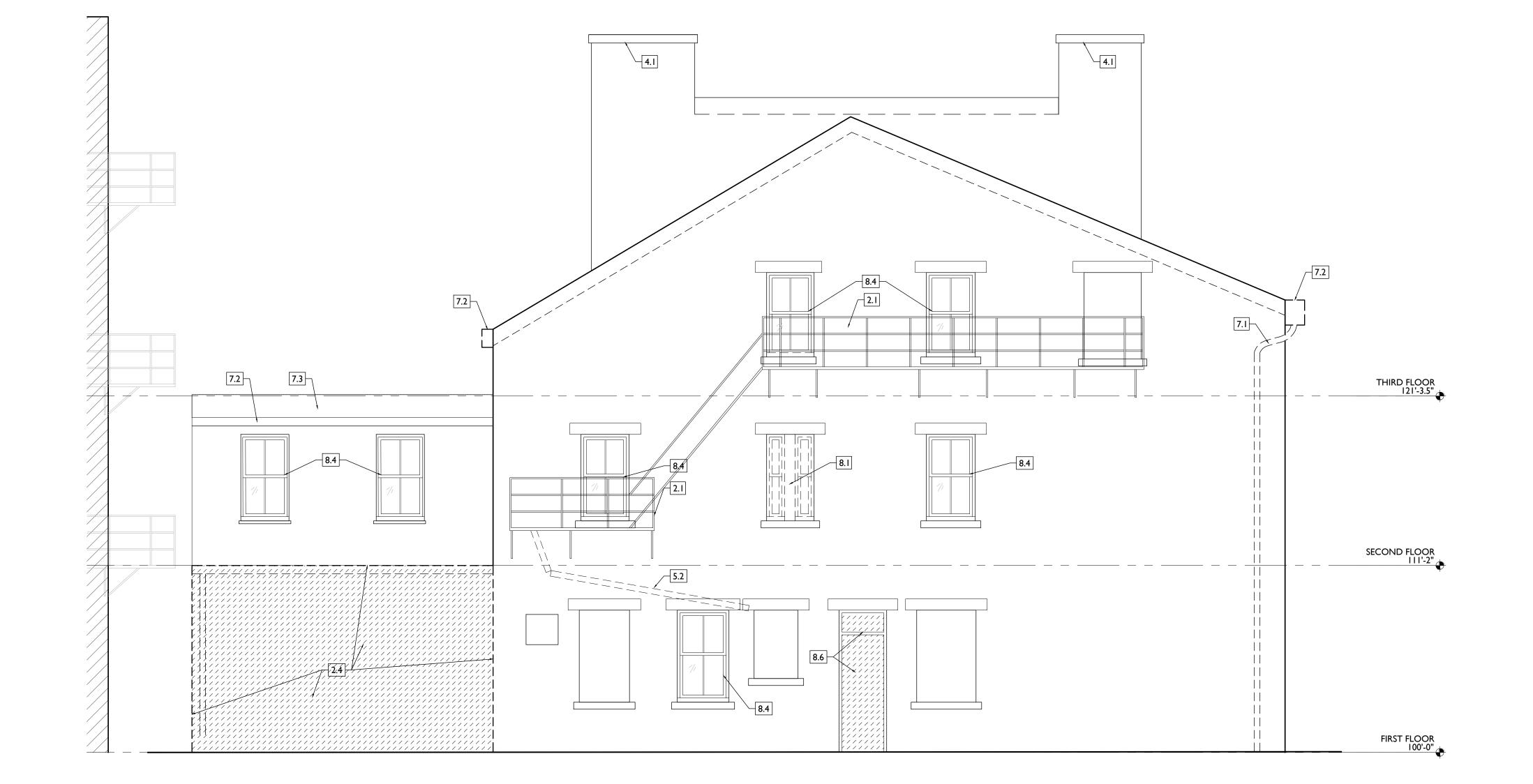
EXG WINDOW TO BE REMOVED **EXG FLOOR OR WALL** CONSTRUCTION

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

ONSTRUCTION

Job No: 22042 08/30/2024



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 INFILL STRUCTURE TO BE REMOVED ENTIRELY, AS SHOWN. PROVIDE SHORING AS REQ. SEE STRUCTURAL DWGS AND NEW WORK PLANS.
- 2.5 REMOVE NON-HISTORIC STOREFRONT GLAZING AND NON-HISTORIC INFILL MATERIAL. HISTORIC STOREFRONT FRAMEWORK TO REMAIN. SEE NEW WORK PLANS AND ELEVATIONS.

3. CONCRETE 3.1 NOT USED.

4. MASONRY 4.1 EXG CHIMNEY TO REMAIN.

STRUCT. DWGS. FOR DTLS.

5.1 REMOVE NON-HISTORIC METAL GATE. 5.2 REMOVE AND RETAIN FIRE ESCAPE DROP DOWN LADDER. SEE PROPOSED PLANS/ELEVATIONS FOR REINSTALL LOCATION. SEE

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

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 WORK PLANS.
- AS REQ. SEE NEW WORK PLANS AND WINDOW DETAILS. 8.5 EXG HISTORIC DOOR, FRAME, AND TRANSOM TO REMAIN IN PLACE. REPAIR AS REQ. SEE NEW WORK PLANS & DOOR TYPES/SCHEDULE FOR MORE INFORMATION.

8.4 EXG HISTORIC WINDOW AND FRAME TO REMAIN IN PLACE. REPAIR

8.6 EXG HISTORIC FRAME AND TRANSOM TO REMAIN IN PLACE. NON-HISTORIC DOOR/INFILL MATERIAL IS TO BE REMOVED. REPAIR AS REQ. SEE NEW WORK PLANS & DOOR TYPES/SCHEDULE FOR MORE INFORMATION.

9. FINISHES

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

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

G. RETAIN HISTORIC STOREFRONT ELEMENTS -T. NON-HISTORIC WALL FINISHES, INCLUDING COLUMNS, LINTELS, THRESHOLDS, GLAZING, ETC.

PANELING AND WALLCOVERING. H. RETAIN HISTORIC INTERIOR WOOD TRIM -U. MECHANICAL SYSTEMS - BOILERS, FURNACES, CONDENSERS, DUCTS, VENTS, PANELS, ETC. BACK MANTLES, BASEBOARDS, CROWN MOULDING, TO SERVICE. WALL PANELS, WAINSCOTING, WINDOW FRAMES, DOOR FRAMES, ETC. AT WALLS WHERE PLASTER IS BEING REMOVED OR WHERE NEW FURRING IS

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

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.

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

REMOVE THE FOLLOWING, UNLESS NOTED

OTHERWISE: L. FURNITURE & DEBRIS, INTERIOR & EXTERIOR, ALL FLOOR LEVELS, INCLUDING BASEMENT & ATTIC.

PROPOSED, CAREFULLY REMOVE & RETAIN

I. RETAIN HISTORIC INTERIOR AND EXTERIOR

BRICK MOULD AND SHUTTER HARDWARE.

DOORS, TRANSOMS, AND SIDELITES.

HISTORIC TRIM.

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

KEYNOTE EXG EXTERIOR WALL TO REMAIN

EXG INTERIOR WALL

TO REMAIN EXG WALL/ELEMENT TO BE REMOVED

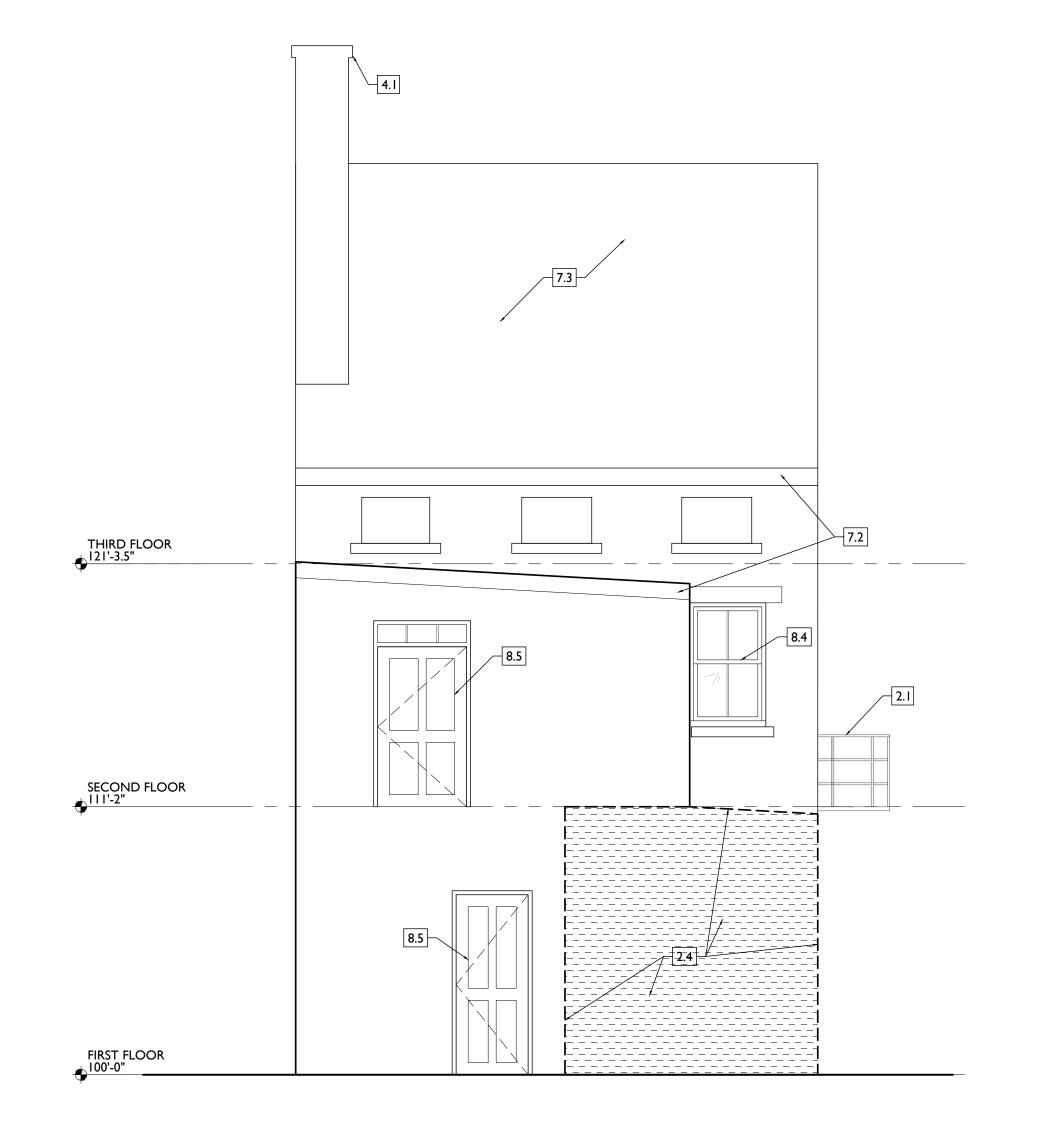
EXG DOOR & FRAME TO BE REMOVED EXG WINDOW TO BE REMOVED

EXG FLOOR OR WALL CONSTRUCTION TO BE REMOVED

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



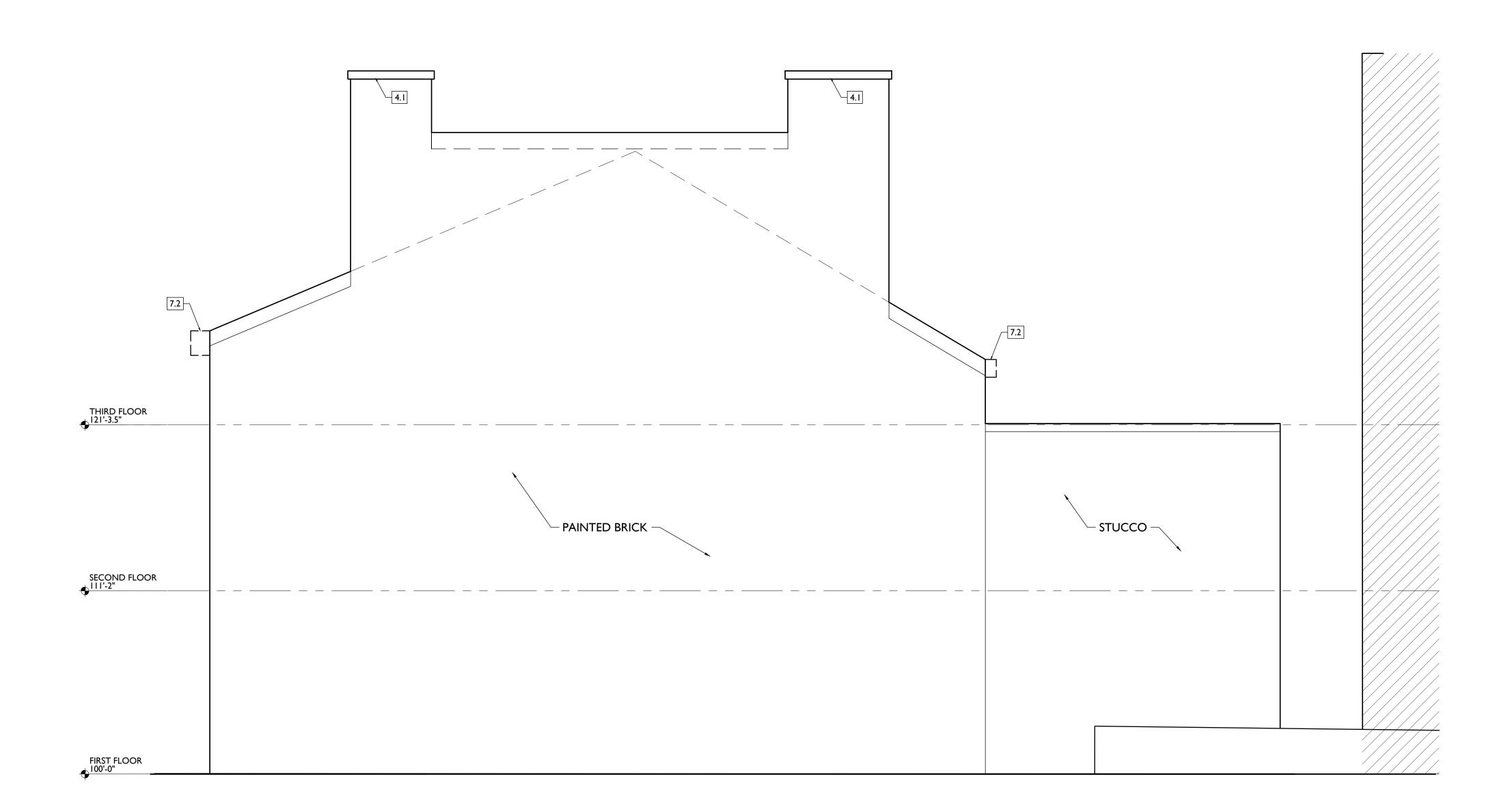
HISTORIC BRICK FOR REUSE & CAREFULLY SORT

AND SEPARATE HARD-FIRED FACE BRICK FROM

NON-HISTORIC GUARDRAIL/HANDRAIL.

6.2 EXG HISTORIC WOOD STAIR TO REMAIN IN PLACE. REMOVE

NON-HISTORIC HANDRAILS. RETAIN HISTORIC BALUSTERS. REPAIR



architecture + des:

1810 CAMPBELL ALLEY, SUITE 300 | CINCINN

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

Job No: 22042 08/30/202

REPLACE DAMAGED/DETERIORATED SUBSTRATE AS

GENERAL NOTES:

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

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 TRADE.

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 DEMONSED EDOM THE SITE BRICK TO

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.

ARCHITECTURAL DRAWINGS OR SPECIFICATIONS AND STRUCTURAL DRAWINGS OR SPECIFICATIONS, STRUCTURAL SHALL GOVERN.

12. PROIECT IS TO RECEIVE HISTORIC TAX CREDITS. IT IS

II. IN THE EVENT OF ANY CONFLICT BETWEEN

12. PROJECT 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.

_ INOTES: CONTRACT MODIFICATIONS:

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 APPLY

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 QUALIFIED 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 REQUIRED 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, INCLUDING AMENDMENTS.
- B. NO HISTORIC ELEMENTS SHALL BE REMOVED/MODIFIED UNLESS SPECIFICALLY INDICATED
- IN ARCH PLANS.

 C. 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.

 F. 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.

 I. PROVIDE FIRE BLOCKING PER 717.2 OBC.
- J. PROVIDE DRAFTSTOPPING IN FLOORS, CLGS/ROOFS & ATTICS PER OBC.
 K. PROVIDE BLOCKING FOR SHELVING, CABINETS AND BATHROOM ACCESSORIES AND GRAB
- BARS. SEE PLANS AND INTERIOR ELEVATIONS.

 L. 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.
- P. 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.
- PLANS. CONTACT ARCHITECT FOR PLACEMENT.

 Q. PROVIDE FIRE EXTINGUISHERS PER CODE SUMMARY & NFPA REQS. COORD W/ FIRE
- MARSHALL.

 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).

 T. REPAIR & RESEAL AROUND EXG. CHIMNEYS, TYP. AS REQ. PROVIDE NEW ALUM CAP, TYP.
- U. EXTERIOR WOOD TO BE PRESSURE TREATED.
 V. 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.

 Y. 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 IOINTS TO BE ALIGNED WITH OPENINGS.
- 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
- 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.

architecture + des:

| SIO CAMPBELL ALLEY, SUITE 300 | CINCINN

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Revisions

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

MR, AM

OT FOR CONSTRUCTION

RENOVATION FOR SOURCE ST.

Job No: 22042 08/30/2024

A1.00

ALL KEYED NOTES LISTED MAY NOT APPLY TO THIS SHEET.

- 3.1 EXG PAVER FLOOR TO REMAIN. REPAIR AS REQ. 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
- 3.3 INFILL PREVIOUS BASEMENT HATCH/RECESSED ENTRY. COORDINATE EXTERIOR PAVEMENT/GRADING WORK W/ CIVIL.

SYSTEM DETAILS AND LOCATIONS OF VERTICAL VENTS. SEE

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 ELEVATIONS & PER SHPO NARRATIVE. 4.3 OPENING TO BE INFILLED WITH CMU AT INTERIOR AND BRICK AT EXTERIOR. BRICK IS TO MATCH EXG ADJACENT HISTORIC BRICK IN SIZZE, TEXTURE, AND APPEARANCE. FACE OF BRICK IN 7.7 PROVIDE NEW DARK BRONZE METAL CAP AT CHIMNEY. OPG IS TO BE SET BACK I" FROM FACE OF EXG WALL. SEE

DETAILS.

5.2 NEW STEEL PIPE GUARDRAIL. SEE DETAILS. 5.3 REPAIR/RETAIN EXG FIRE ESCAPE. PAINT BLACK. 5.4 NEW BLACK METAL PICKET FENCE AND GATE, B.O.D. =

BETAFENCE "UPGRADE" STEEL FENCE, 6'-0" TALL, 3 RAIL, W/

5.1 NEW CONTINUOUS STEEL PIPE HANDRAIL. SEE DETAILS.

SUMMIT PICKETS AND STANDARD BOTTOM. COORD. FINAL

CONFIGURATION.

- 6. WOOD, PLASTICS, AND COMPOSITES 6.1 REPAIR DAMAGED WOOD STAIR TREADS/RISERS AS REQ'D. 6.2 NEW RAKE TRIM & GUTTERBOARD TO MATCH EXISTING - SEE ELEVATIONS.
- 6.3 REPAIR/RETAIN EXG CORNICE. REPAINT. 6.4 NEW WOOD STRUCTURAL MEMBERS. SEE STRUCTURAL DRAWINGS.
- 6.5 NEW FRAMING/SHEATHING/DECKING IN THIS AREA. SEE STRUCTURAL DRAWINGS.

7. THERMAL AND MOISTURE PROTECTION

- 7.1 REPAIR/RE-LINE EXG BOX GUTTER. 7.2 NEW ROUND ALUMINUM DOWNSPOUT PAINTED TO MATCH ADJACENT WALL SURFACE. SEE EXTERIOR ELEVATIONS. TIE INTO EXISTING SEWER SYSTEM. 7.3 NEW PVC AT LOWER 6' OF DOWNSPOUT. PAINT TO MATCH
- DOWNSPOUT. 7.4 NEW ALUMINUM GUTTER, PAINTED TO MATCH ADJACENT
- WALL SURFACE. 7.5 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.
- 7.6 NEW ROOF ACCESS HATCH. INSTALL PER MANUF'S INSTRUCTS.
- BASIS OF DESIGN = BILCO E50TB, 36"X36". 7.8 NEW ASPHALT GREY SHINGLE ROOF. SEE ROOF DETAILS. INSULATION PER SCHEDULE. B.O.D. OWENS CORNING TRU
- WARRANTY. PROVIDE ICE AND WATER SHIELD WHERE REQUIRED. 7.9 HATCHED AREA SHOWS APPROXIMATE LOCATION OF NEW FIXED ROOF WALKWAY PADS.

DEFINITION DURATION SHINGLES, WITH 30 YEAR MIN.

8. OPENINGS

- 8.1 EXG HISTORIC FRAME AND TRANSOM TO REMAIN. TRANSOM TO RECEIVE NEW GLAZING. NO DOOR AT THIS LOCATION.
- NEW EXTERIOR BUILDING ENTRY DOOR AND FRAME SEE DOOR SCHEDULE. 8.3 NEW DOOR IN EXISTING HISTORIC FRAME/TRANSOM. SEE
- DOOR SCHEDULE AND DETAILS. 8.4 RELOCATED HISTORIC DOOR/OPG. SEE DOOR SCHEDULE. 8.5 EXG HISTORIC DOOR AND FRAME/TRANSOM TO REMAIN. SEE

DOOR TYPES AND SCHEDULE.

A. OPERABLE DOOR

B. DOOR FIXED IN PLACE

- 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" & 22.2 PLUMBING CHASE (OR WALL) - VERIFY LOCATIONS IN FIELD TO "5" ON SHEET A6.02.

- 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.

LOCAL FIRE MARSHAL.

- 10.4 BUILT-IN SHELVING FOR LINEN CLOSET. 10.5 PROVIDE "NO SMOKING" SIGN AT EXTERIOR WALL. 10.6 FIRE EXTINGUISHER. COORDINATE FINAL LOCATION WITH
- A. SURFACE MOUNTED. B. IN SINK CABINET IN RESIDENTIAL UNIT, TYPICAL. 10.7 PROVIDE DRAIN PAN BENEATH WASHING MACHINE/ WATER HEATER. SEE PLUMBING DWGS.

26.3 NEW MAST HEAD. SEE ELECTRICAL DWGS.

- 10.8 NOT USED. 10.9 SHOWER NICHE. SEE ENLARGED PLANS, INTERIOR ELEVATIONS
- AND DETAIL I/A5.00. 10.10 RECESSED KEY LOCK BOX - BASIS OF DESIGN KNOXBOX 3200. INSTALL PER MANUF'S INSTRUCTS. COORDINATE WITH FIRE
- 10.11 FIRE ESCAPE ACCESS WINDOW.

NEW WORK PLANS & ELEVATIONS # KEYED NOTES:

21. FIRE SUPPRESSION

- 21.1 APPROX LOCATION OF FDC CONNECTION COORDINATE W/
- 21.2 SPRINKLER RISER. SEE PLUMBING DWGS. 21.3 EXTERIOR TAMPER/FLOW NOTIFICATION DEVICE - COORDINATE WITH ELECTRICAL AND FIRE PROTECTION SYSTEMS.

22. PLUMBING

- 22.1 PROVIDE RADON RISER, AS REQUIRED BY OWNER'S CONSULTANT. RISER TO EXTEND FROM BASEMENT TO ATTIC. SEE CONSULTANT DESIGN FOR LOCATIONS OF RISERS. SEE
- NOTE 3.2. COORDINATE WITH PLUMBING.

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. B. ROOF > 3:12, INSTALL C.U. ON MECHANCIAL PLATFORM

- CONDENSING UNIT(S) ON MECHANICAL PLATFORM. SOUND ISOLATE MECHANICAL PLATFORM. 23.2 NEW EXHAUST/INTAKE LOUVERS ON EXTERIOR WALL. LOUVERS TO BE PAINTED TO MATCH ADJACENT BRICK. SEE ELEVATIONS
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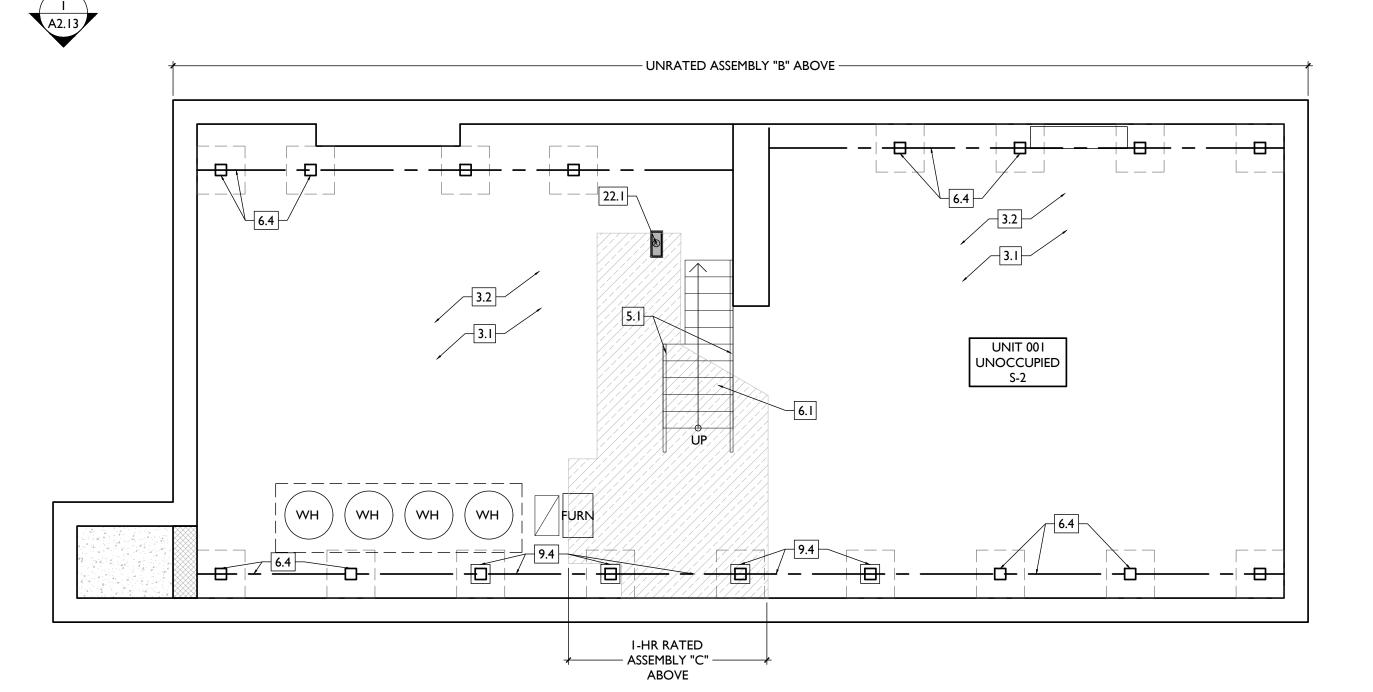
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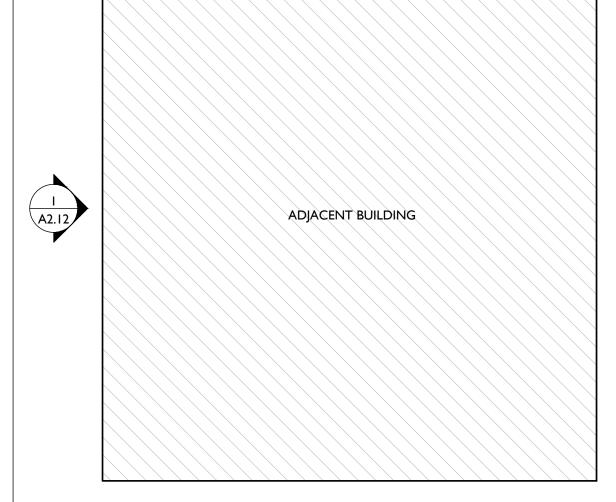
PARTITION TYPE - TYPE I U.N.O. 4 KEYNOTE. NEW PARTITION WALL. NEW MASONRY WALL. OBJECT OVERHEAD. — IHR — I-HR FIRE RATING. — 2HR — 2-HR FIRE RATING. NEW FLOOR & FRAMING TO MATCH ADJ - SEE STRUCT DWGS. NEW GYP BD SOFFIT/ BULKHEAD/ DROPPED CLG - SEE RCPS. AREA OF ATYPICAL FIRE-RATED ASSEMBLY ABOVE. 100A 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.

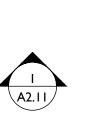
NEW WORK GRAPHIC KEY:

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







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

- 3.1 EXG PAVER FLOOR TO REMAIN. REPAIR AS REQ. 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
- 3.3 INFILL PREVIOUS BASEMENT HATCH/RECESSED ENTRY. COORDINATE EXTERIOR PAVEMENT/GRADING WORK W/ CIVIL.

SYSTEM DETAILS AND LOCATIONS OF VERTICAL VENTS. SEE

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
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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. 5.4 NEW BLACK METAL PICKET FENCE AND GATE, B.O.D. = BETAFENCE "UPGRADE" STEEL FENCE, 6'-0" TALL, 3 RAIL, W/

SUMMIT PICKETS AND STANDARD BOTTOM. COORD. FINAL

CONFIGURATION.

- 6. WOOD, PLASTICS, AND COMPOSITES 6.1 REPAIR DAMAGED WOOD STAIR TREADS/RISERS AS REQ'D. 6.2 NEW RAKE TRIM & GUTTERBOARD TO MATCH EXISTING - SEE ELEVATIONS.
- 6.3 REPAIR/RETAIN EXG CORNICE. REPAINT. 6.4 NEW WOOD STRUCTURAL MEMBERS. SEE STRUCTURAL DRAWINGS. 6.5 NEW FRAMING/SHEATHING/DECKING IN THIS AREA. SEE

7. THERMAL AND MOISTURE PROTECTION

STRUCTURAL DRAWINGS.

- 7.I REPAIR/RE-LINE EXG BOX GUTTER. 7.2 NEW ROUND ALUMINUM DOWNSPOUT PAINTED TO MATCH ADJACENT WALL SURFACE. SEE EXTERIOR ELEVATIONS. TIE INTO EXISTING SEWER SYSTEM.
- 7.3 NEW PVC AT LOWER 6' OF DOWNSPOUT. PAINT TO MATCH DOWNSPOUT. 7.4 NEW ALUMINUM GUTTER, PAINTED TO MATCH ADJACENT
- WALL SURFACE. 7.5 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
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- BASIS OF DESIGN = BILCO E50TB, 36"X36". 7.8 NEW ASPHALT GREY SHINGLE ROOF. SEE ROOF DETAILS. INSULATION PER SCHEDULE. B.O.D. OWENS CORNING TRU DEFINITION DURATION SHINGLES, WITH 30 YEAR MIN.
- REQUIRED. 7.9 HATCHED AREA SHOWS APPROXIMATE LOCATION OF NEW FIXED ROOF WALKWAY PADS.

WARRANTY. PROVIDE ICE AND WATER SHIELD WHERE

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10.8 NOT USED.

26.3 NEW MAST HEAD. SEE ELECTRICAL DWGS.

- 10.9 SHOWER NICHE. SEE ENLARGED PLANS, INTERIOR ELEVATIONS AND DETAIL I/A5.00.
- 10.10 RECESSED KEY LOCK BOX BASIS OF DESIGN KNOXBOX 3200. INSTALL PER MANUF'S INSTRUCTS. COORDINATE WITH FIRE
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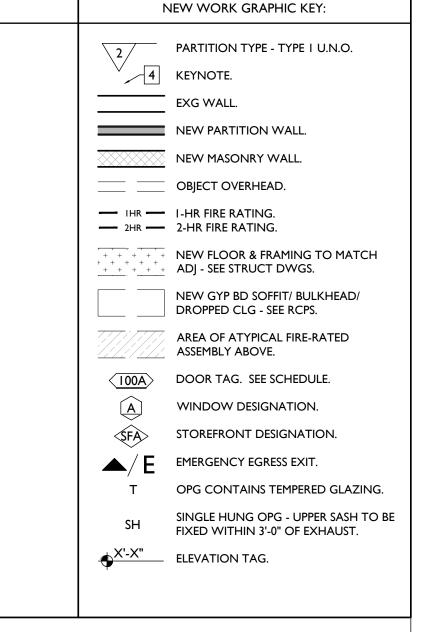
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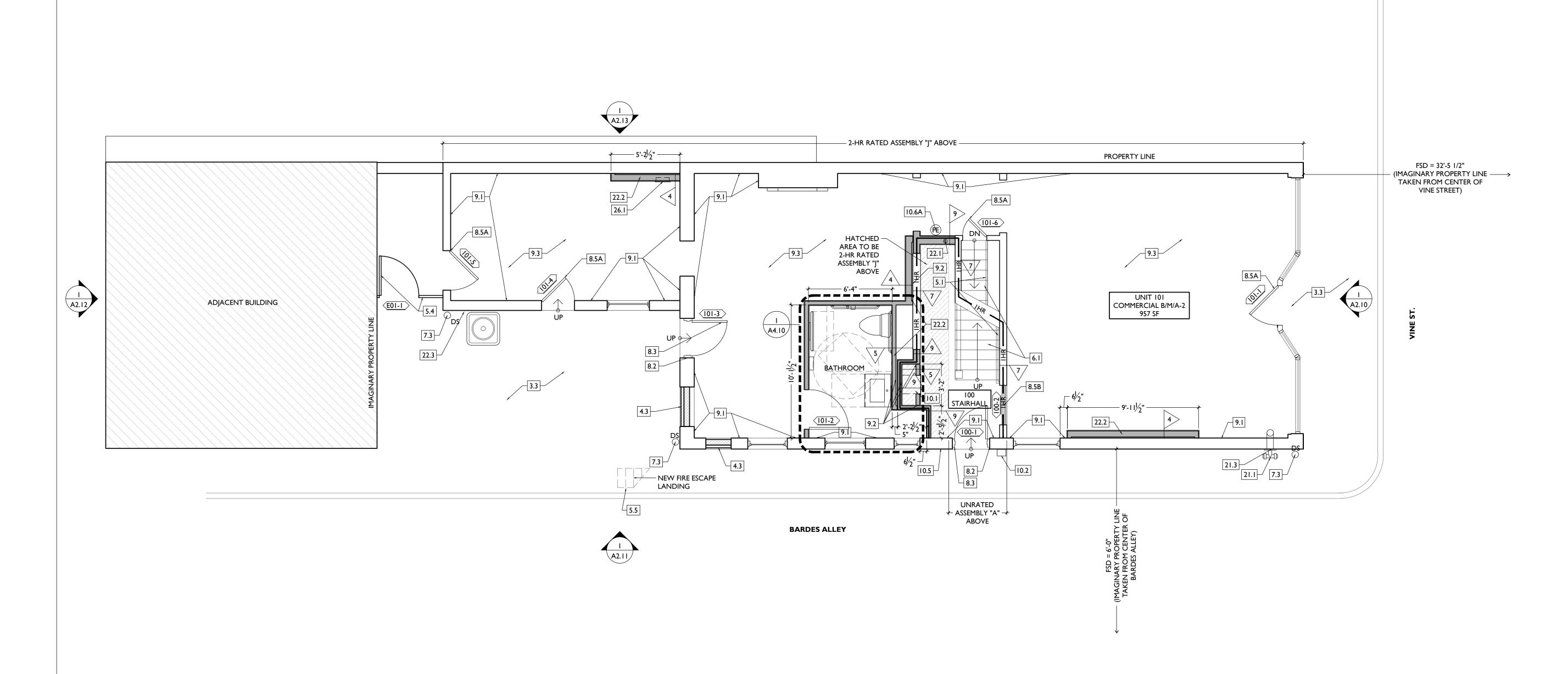
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Progress Dates 2023.04.28 - BID/PERMIT 2024.08.30 - BID SET 2

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

Job No: 22042



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

ALL KEYED NOTES LISTED MAY NOT APPLY TO THIS SHEET.

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7. THERMAL AND MOISTURE PROTECTION

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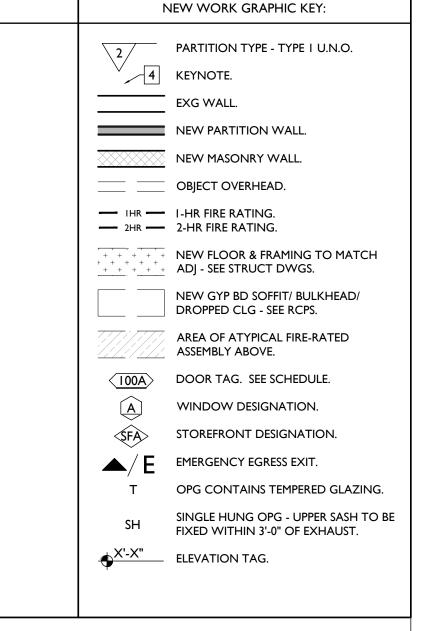
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UNIT 201 2-BEDROOM 971 SF

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

- UNRATED ASSEMBLY "MI" ABOVE -- I-HR RATED ASSEMBLY "D" ABOVE -
 +
 4'-1"

 +
 5'-5½"

 +
 2'-8½"

 +
 4'-1"

 +
 4'-1"

BEDROOM

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8. OPENINGS

- 8.1 EXG HISTORIC FRAME AND TRANSOM TO REMAIN. TRANSOM TO RECEIVE NEW GLAZING. NO DOOR AT THIS LOCATION.
- NEW EXTERIOR BUILDING ENTRY DOOR AND FRAME SEE DOOR SCHEDULE. 8.3 NEW DOOR IN EXISTING HISTORIC FRAME/TRANSOM. SEE
- DOOR SCHEDULE AND DETAILS. 8.4 RELOCATED HISTORIC DOOR/OPG. SEE DOOR SCHEDULE. 8.5 EXG HISTORIC DOOR AND FRAME/TRANSOM TO REMAIN. SEE

9.1 EXG PLASTER AT MASONRY WALL TO BE PATCHED AND REPAIRED. WHERE POSSIBLE.

INTERSECTION W/ NON-RATED WALL.

DOOR TYPES AND SCHEDULE.

A. OPERABLE DOOR

B. DOOR FIXED IN PLACE

- 9.2 FIRE-RATING TO BE CONTINUOUS BEHIND PLUMBING/CHASE/ FURRING WALL. FIRE RATING TO BE CONTINUOUS AT
- 9.3 NEW HARDWOOD FLOORING. 9.4 SUPPORTING CONSTRUCTION TO BE RATED. SEE DETAILS "4" & 22.2 PLUMBING CHASE (OR WALL) - VERIFY LOCATIONS IN FIELD TO "5" ON SHEET A6.02.

- 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 BUILT-IN SHELVING FOR LINEN CLOSET. 10.5 PROVIDE "NO SMOKING" SIGN AT EXTERIOR WALL. 10.6 FIRE EXTINGUISHER. COORDINATE FINAL LOCATION WITH LOCAL FIRE MARSHAL.
- A. SURFACE MOUNTED. B. IN SINK CABINET IN RESIDENTIAL UNIT, TYPICAL. 10.7 PROVIDE DRAIN PAN BENEATH WASHING MACHINE/ WATER HEATER. SEE PLUMBING DWGS.

26.3 NEW MAST HEAD. SEE ELECTRICAL DWGS.

10.8 NOT USED. 10.9 SHOWER NICHE. SEE ENLARGED PLANS, INTERIOR ELEVATIONS

- AND DETAIL I/A5.00. 10.10 RECESSED KEY LOCK BOX - BASIS OF DESIGN KNOXBOX 3200. INSTALL PER MANUF'S INSTRUCTS. COORDINATE WITH FIRE
- 10.11 FIRE ESCAPE ACCESS WINDOW.

NEW WORK PLANS & ELEVATIONS # KEYED NOTES:

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

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

WITH ELECTRICAL AND FIRE PROTECTION SYSTEMS. 22. PLUMBING

- 22.1 PROVIDE RADON RISER, AS REQUIRED BY OWNER'S CONSULTANT. RISER TO EXTEND FROM BASEMENT TO ATTIC. SEE CONSULTANT DESIGN FOR LOCATIONS OF RISERS. SEE NOTE 3.2. COORDINATE WITH PLUMBING.
- 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. B. ROOF > 3:12, INSTALL C.U. ON MECHANCIAL PLATFORM CONDENSING UNIT(S) ON MECHANICAL PLATFORM. SOUND
- ISOLATE MECHANICAL PLATFORM. 23.2 NEW EXHAUST/INTAKE LOUVERS ON EXTERIOR WALL. LOUVERS TO BE PAINTED TO MATCH ADJACENT BRICK. SEE ELEVATIONS
- AND MECHANICAL DWGS. 23.3 EXHAUST SHAFT FOR FUTURE KITCHEN EXHAUST. CAP AT ROOF.

- 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

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.

X'-X" ELEVATION TAG.

OPG CONTAINS TEMPERED GLAZING.

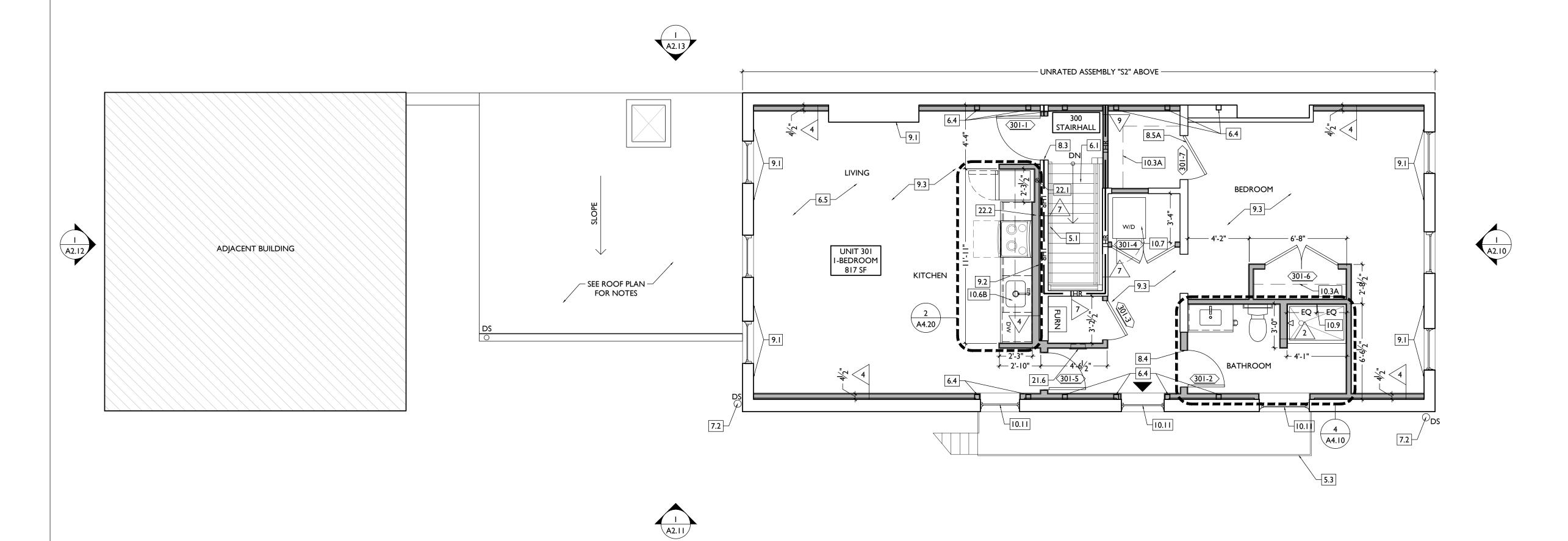
FIXED WITHIN 3'-0" OF EXHAUST.

SINGLE HUNG OPG - UPPER SASH TO BE

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



ALL KEYED NOTES LISTED MAY NOT APPLY TO THIS SHEET.

- 3.1 EXG PAVER FLOOR TO REMAIN. REPAIR AS REQ. AND CONNECT 7.1 REPAIR/RE-LINE EXG BOX GUTTER. FLOOR DRAINS SEWER. SEE STRUCTURAL DRAWINGS. 3.2 VAPOR MITIGATION SYSTEM BELOW SLAB, AS REQUIRED BY OWNER'S CONSULTANT. SEE CONSULTANT DESIGN FOR
- 3.3 INFILL PREVIOUS BASEMENT HATCH/RECESSED ENTRY. COORDINATE EXTERIOR PAVEMENT/GRADING WORK W/ CIVIL.

SYSTEM DETAILS AND LOCATIONS OF VERTICAL VENTS. SEE

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 ELEVATIONS & PER SHPO NARRATIVE. 4.3 OPENING TO BE INFILLED WITH CMU AT INTERIOR AND BRICK AT EXTERIOR. BRICK IS TO MATCH EXG ADJACENT HISTORIC BRICK IN SIZZE, TEXTURE, AND APPEARANCE. FACE OF BRICK IN 7.7 PROVIDE NEW DARK BRONZE METAL CAP AT CHIMNEY. OPG IS TO BE SET BACK I" FROM FACE OF EXG WALL. SEE

BETAFENCE "UPGRADE" STEEL FENCE, 6'-0" TALL, 3 RAIL, W/

5. METALS

DETAILS.

- 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. 5.4 NEW BLACK METAL PICKET FENCE AND GATE, B.O.D. =

- SUMMIT PICKETS AND STANDARD BOTTOM. COORD. FINAL
 - CONFIGURATION.
 - 6. WOOD, PLASTICS, AND COMPOSITES 6.1 REPAIR DAMAGED WOOD STAIR TREADS/RISERS AS REO'D. 6.2 NEW RAKE TRIM & GUTTERBOARD TO MATCH EXISTING - SEE ELEVATIONS.
 - 6.3 REPAIR/RETAIN EXG CORNICE. REPAINT. 6.4 NEW WOOD STRUCTURAL MEMBERS. SEE STRUCTURAL DRAWINGS.
 - 6.5 NEW FRAMING/SHEATHING/DECKING IN THIS AREA. SEE STRUCTURAL DRAWINGS.

7. THERMAL AND MOISTURE PROTECTION

- 7.2 NEW ROUND ALUMINUM DOWNSPOUT PAINTED TO MATCH ADJACENT WALL SURFACE. SEE EXTERIOR ELEVATIONS. TIE INTO EXISTING SEWER SYSTEM. 7.3 NEW PVC AT LOWER 6' OF DOWNSPOUT. PAINT TO MATCH
- DOWNSPOUT. 7.4 NEW ALUMINUM GUTTER, PAINTED TO MATCH ADJACENT
- WALL SURFACE. 7.5 NEW FULLY ADHERED WHITE TPO MEMBRANE ROOF W/ CRICKETS WHERE REQUIRED FOR POSITIVE DRAINAGE AND W/
- 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.

TERMINATION BARS & METAL COUNTERFLASHING - SEE ROOF

- 7.6 NEW ROOF ACCESS HATCH. INSTALL PER MANUF'S INSTRUCTS. BASIS OF DESIGN = BILCO E50TB, 36"X36".
- 7.8 NEW ASPHALT GREY SHINGLE ROOF. SEE ROOF DETAILS. INSULATION PER SCHEDULE. B.O.D. OWENS CORNING TRU DEFINITION DURATION SHINGLES, WITH 30 YEAR MIN. WARRANTY. PROVIDE ICE AND WATER SHIELD WHERE REQUIRED.
- 7.9 HATCHED AREA SHOWS APPROXIMATE LOCATION OF NEW FIXED ROOF WALKWAY PADS.

8. OPENINGS

- 8.1 EXG HISTORIC FRAME AND TRANSOM TO REMAIN. TRANSOM TO RECEIVE NEW GLAZING. NO DOOR AT THIS LOCATION.
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- "5" ON SHEET A6.02.

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HEATER. SEE PLUMBING DWGS.

- 10.4 BUILT-IN SHELVING FOR LINEN CLOSET. 10.5 PROVIDE "NO SMOKING" SIGN AT EXTERIOR WALL. 10.6 FIRE EXTINGUISHER. COORDINATE FINAL LOCATION WITH LOCAL FIRE MARSHAL.
- A. SURFACE MOUNTED. B. IN SINK CABINET IN RESIDENTIAL UNIT, TYPICAL. 10.7 PROVIDE DRAIN PAN BENEATH WASHING MACHINE/ WATER

- 26.3 NEW MAST HEAD. SEE ELECTRICAL DWGS. 10.8 NOT USED.
- 10.9 SHOWER NICHE. SEE ENLARGED PLANS, INTERIOR ELEVATIONS AND DETAIL I/A5.00.
- 10.10 RECESSED KEY LOCK BOX BASIS OF DESIGN KNOXBOX 3200. INSTALL PER MANUF'S INSTRUCTS. COORDINATE WITH FIRE
- 10.11 FIRE ESCAPE ACCESS WINDOW.

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- NOTE 3.2. COORDINATE WITH PLUMBING. 9.4 SUPPORTING CONSTRUCTION TO BE RATED. SEE DETAILS "4" & 22.2 PLUMBING CHASE (OR WALL) - VERIFY LOCATIONS IN FIELD TO

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- 26.2 NEW EXTERIOR LIGHTING. NO EXPOSED CONDUIT ON FACE OF BUILDING.

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.

NEW WORK GRAPHIC KEY:

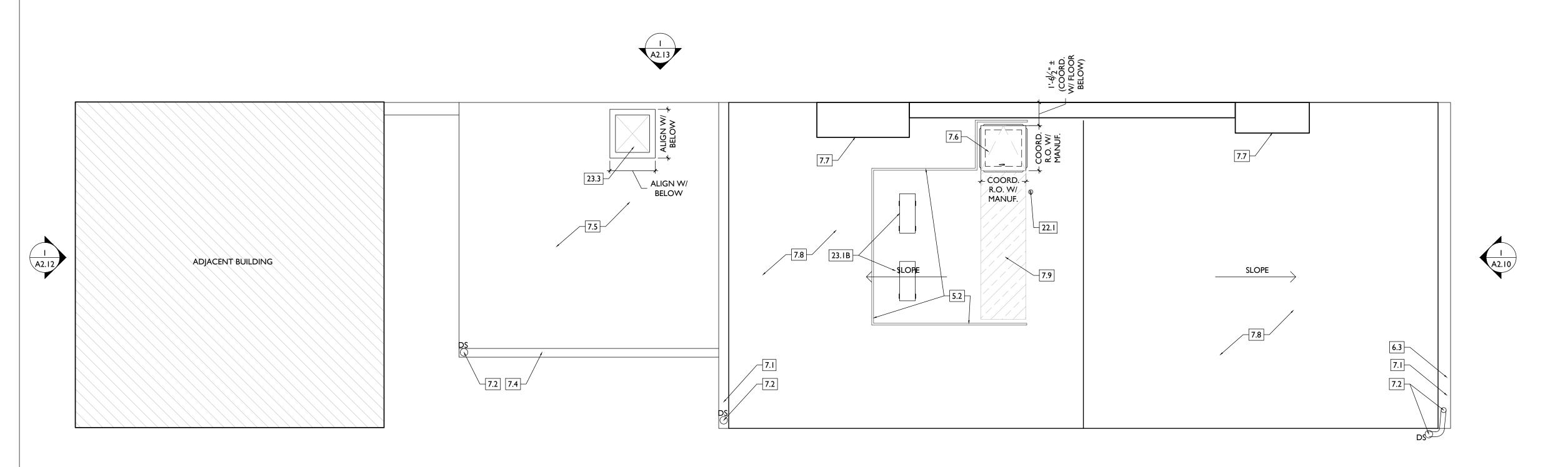
STOREFRONT DESIGNATION. EMERGENCY EGRESS EXIT. OPG CONTAINS TEMPERED GLAZING.

SINGLE HUNG OPG - UPPER SASH TO BE FIXED WITHIN 3'-0" OF EXHAUST.

X'-X" ELEVATION TAG.

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

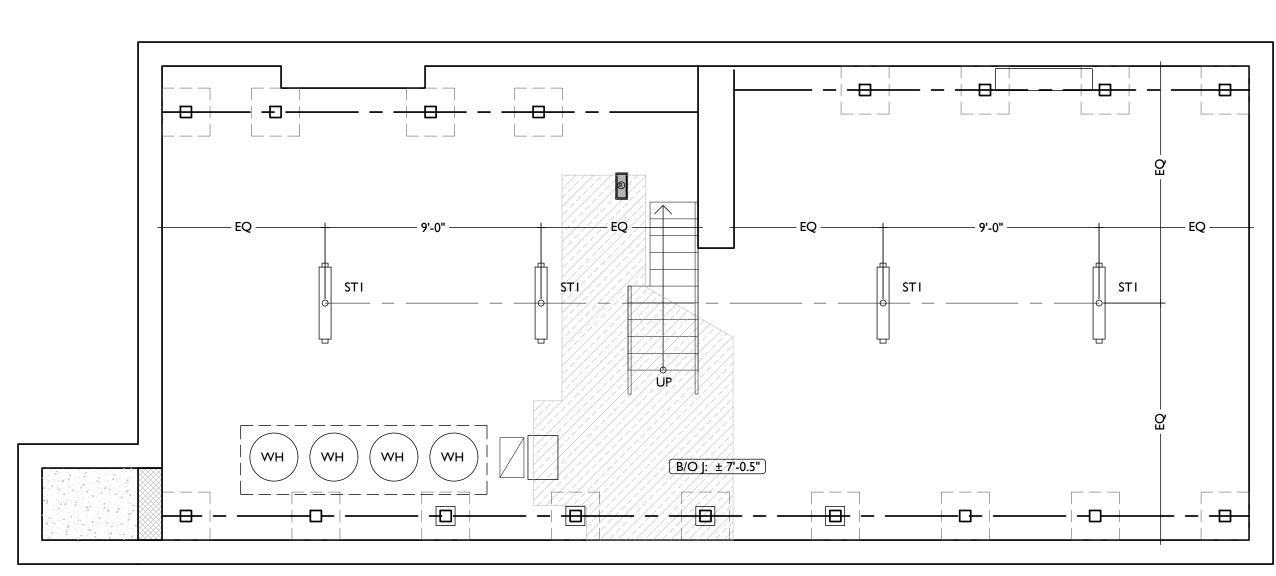
Design Team:
CO, JK, MR, MR, RK, RO, SO, TB
Drawn by:
MR, AM



REFLECTED CEILING PLAN FIXTURE LEGEND:								REFLECTED CEILING PLAN GRAPHIC KEY:			
SYMBOL	FIXTURE TYPE	REMARKS	SYMBOL	FIXTURE TYPE	REMARKS	SYMBOL	FIXTURE TYPE	REMARKS	A NOTE THIS IS A HISTORIS TAY CREDIT PROJECT ALL MORK MUST		
© SMI	SURFACE MOUNT	SMI - GENERAL LIGHTS. PROVIDE DIMMERS IN RESIDENTIAL UNITS.		CEILING FAN		RHI	EMERGENCY EGRESS LIGHT	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.	CH: 8'-0"	CEILING HEIGHT TAG (TYP 8'-0" U.N.O.) SOFFIT/LOWERED GYP BD CEILING
SM3	LED CAN LIGHT	SM2 - DAMP RATED, TYPICAL IN SHOWERS. SM3 - ALWAYS ON , TYPICAL IN COMMON STAIRHALLS	FI	WITH LIGHT	TYPICAL IN BEDROOMS AND LIVING ROOMS	EM	EMERGENCY EGRESS LIGHT	EMERGENCY EGRESS LIGHT WALL PACK	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	<u> </u>	AREA OF ATYPICAL FIRE-RATING. SEE PLANS &
SM13	SURFACE MOUNT ENTRY LIGHT	STAIR HALL ENTRY VESTIBULE, IST FLOOR ONLY				L EM			DRYWALL U.N.O. SEE FINISH SCHEDULE FOR PAINT COLORS. F. BASEMENTS & UNOCCUPIED ATTICS TO HAVE EXPOSED JOISTS - NO FINISH CLGS U.N.O.	\\(\frac{1}{2}\)	SHEET A0.01 WATER CURTAIN HEAD TO PROVIDE 100%
SM8	SURFACE MOUNT LINEAR LED	TYPICAL IN COMMERCIAL TURNKEY SPACES	F2	CEILING FAN WITH LIGHT	, TYPICAL IN BEDROOM AND LIVING ROOM				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. I. SEE EXTERIOR ELEVATIONS FOR MOUNTING HEIGHTS OF EXTERIOR LIGHTS.	(NL) (OS)	COVERAGE OF WINDOW- COORD W/ F.P PLANS DENOTES NIGHT LIGHT FIXTURE DENOTES OCCUPANCY SENSOR
O D	SURFACE MOUNT UTILITY FIXTURE	TYPICAL IN ATTICS AND IN BASEMENTS	wmi Q	WALL MOUNT EXTERIOR A	ARCHITECTURAL UP-DOWN LIGHT				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		COMBO SMOKE/CARBON MONOXIDE DETECTOR: IONIZATION (TYP BEDROOMS) PHOTOELECTRIC
VI	WALL MOUNT VANITY LIGHT	VI - TYPICAL OVER BATHROOM VANITIES IN TYPICAL RESIDENTIAL UNITS.	⊕ WM5	WALL MOUNT EXTERIOR A	ARCHITECTURAL GOOSENECK LIGHT				ACCOMMODATE THIS.	_ 01	CENTER ON ARCHITECTURAL FEATURE
V2 □		V2 - TYPICAL ON SIDES OF BATHROOM VANITIES IN TYPICAL RESIDENTIAL UNITS.									STRUCTURAL MEMBER - SEE STRUCTURAL DWGS
TLI		DIMMABLE, TYPICAL IN COMMERCIAL TURNKEY SPACES AND IN LOBBIES	ES	EMERGENCY EGRESS LIGHT EMERGENCY	Y EGRESS EXIT SIGN						
	SURFACE MOUNT PENDANT	TYPICAL OVER KITCHEN ISLANDS	ESL	EMERGENCY EGRESS LIGHT	Y EGRESS EXIT SIGN W/ LIGHTS						
			S _{EFI}	BATHROOM VENT TYPICAL BA	THROOM EXHAUST FAN/VENT						



ADJACENT BUILDING





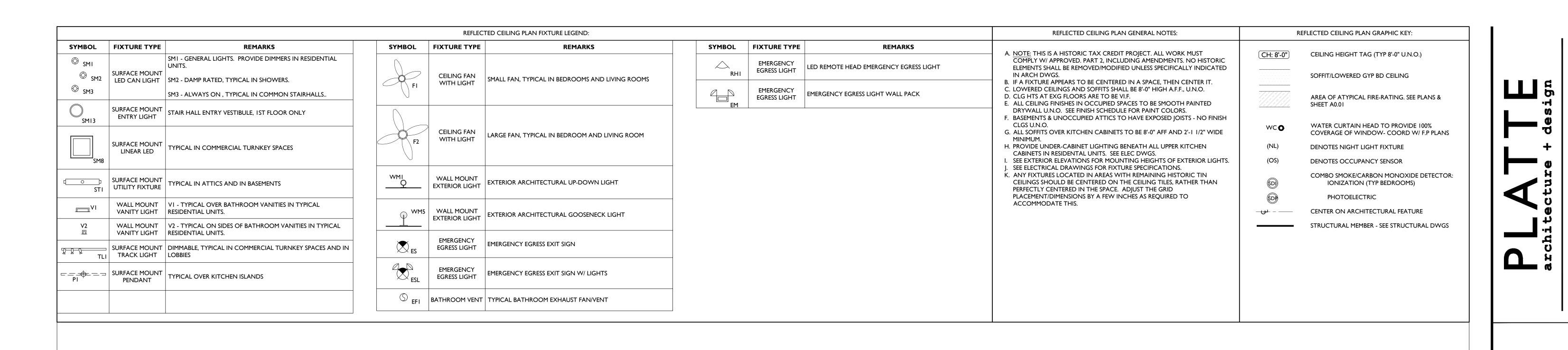
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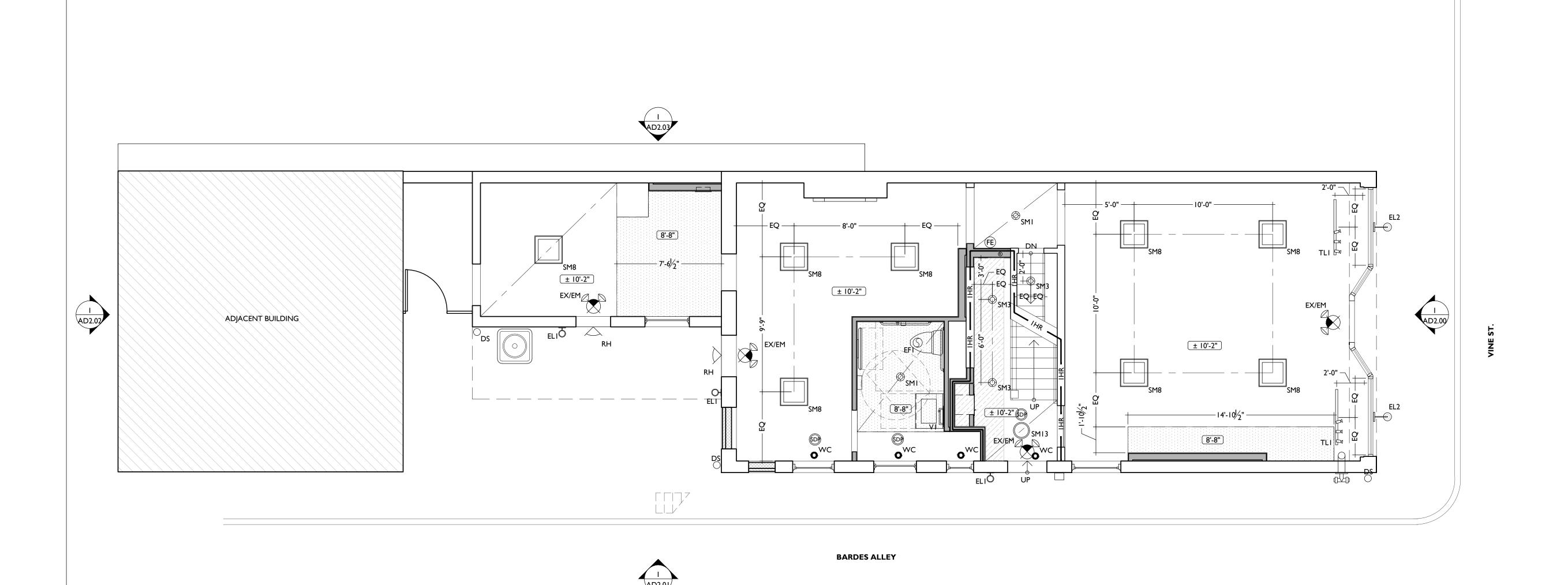
Job No: 22042 08/30/2024

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







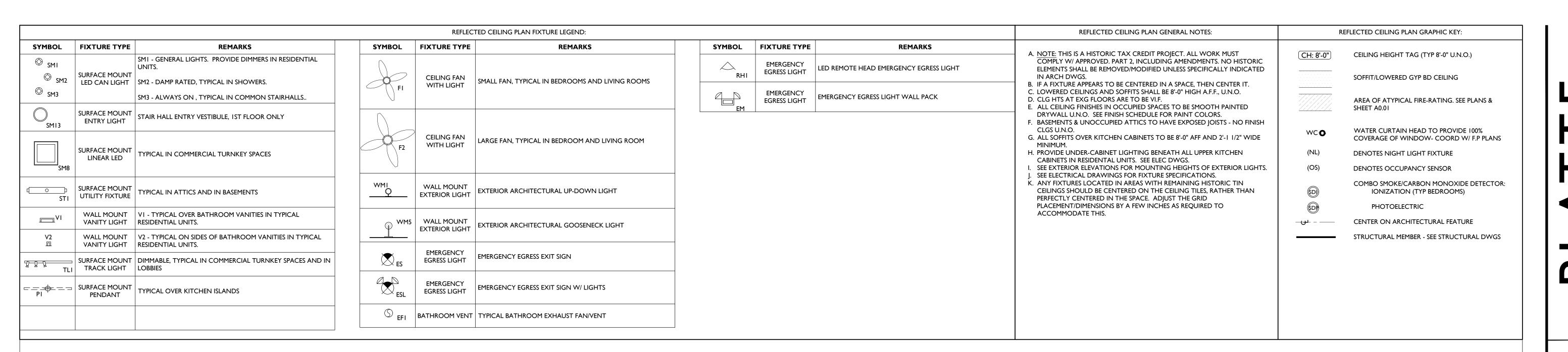
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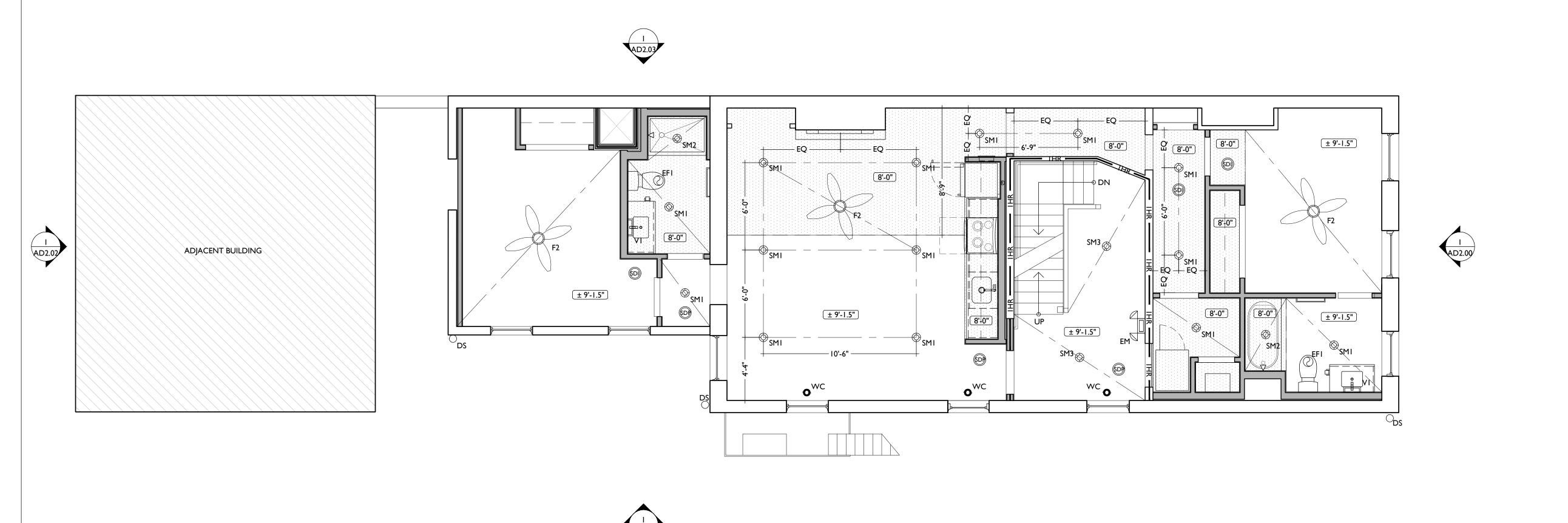
Revisions

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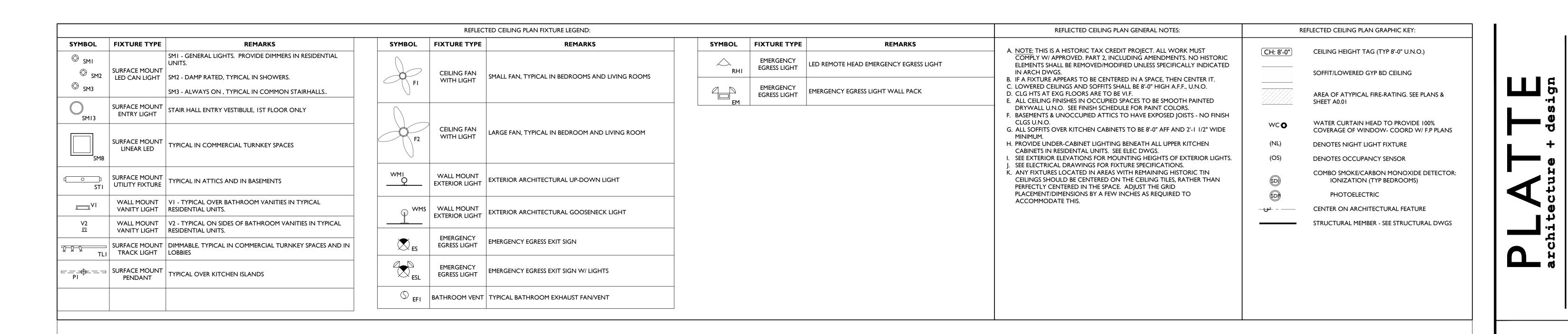
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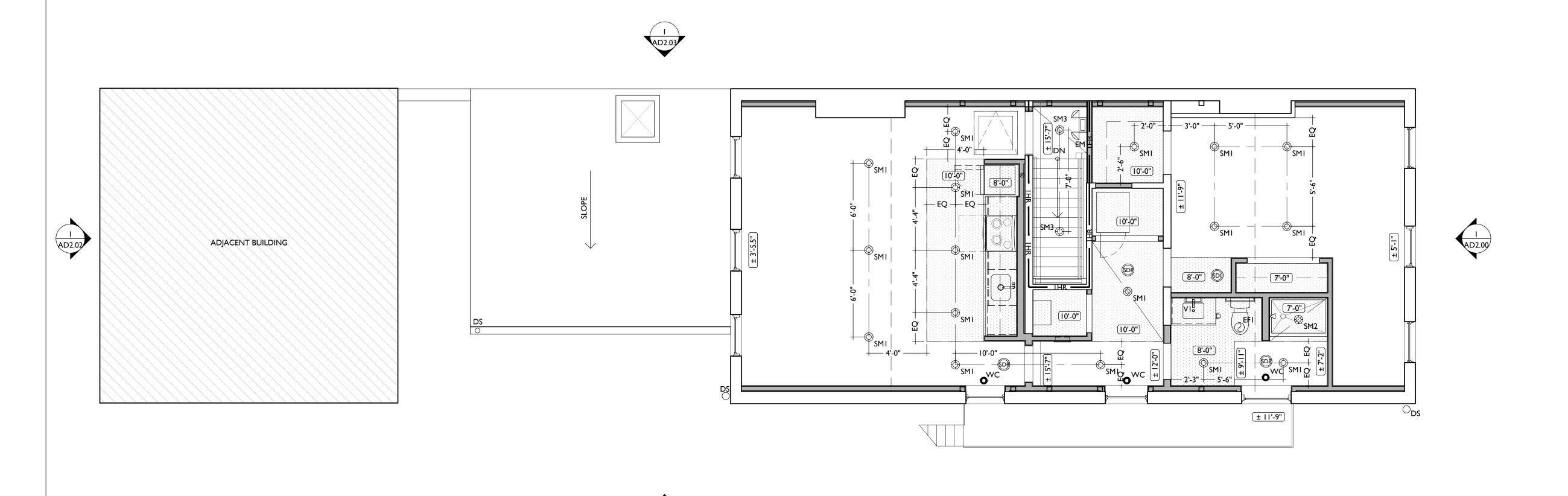




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Design Team: CO, JK, MR, MR, RK, RO, SO, TB Drawn by: MR, AM





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- 3.1 EXG PAVER FLOOR TO REMAIN. REPAIR AS REQ. AND CONNECT 7.1 REPAIR/RE-LINE EXG BOX GUTTER. FLOOR DRAINS SEWER. SEE STRUCTURAL DRAWINGS. 3.2 VAPOR MITIGATION SYSTEM BELOW SLAB, AS REQUIRED BY OWNER'S CONSULTANT. SEE CONSULTANT DESIGN FOR
- 3.3 INFILL PREVIOUS BASEMENT HATCH/RECESSED ENTRY. COORDINATE EXTERIOR PAVEMENT/GRADING WORK W/ CIVIL.

SYSTEM DETAILS AND LOCATIONS OF VERTICAL VENTS. SEE

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 ELEVATIONS & PER SHPO NARRATIVE.
- 4.3 OPENING TO BE INFILLED WITH CMU AT INTERIOR AND BRICK AT EXTERIOR. BRICK IS TO MATCH EXG ADJACENT HISTORIC BRICK IN SIZZE, TEXTURE, AND APPEARANCE. FACE OF BRICK IN 7.7 PROVIDE NEW DARK BRONZE METAL CAP AT CHIMNEY. 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.
- 5.4 NEW BLACK METAL PICKET FENCE AND GATE, B.O.D. = BETAFENCE "UPGRADE" STEEL FENCE, 6'-0" TALL, 3 RAIL, W/

SUMMIT PICKETS AND STANDARD BOTTOM. COORD. FINAL SPEC W/ ARCHITECT. 5.5 EXG. FIRE ESCAPE LADDER TO BE REINSTALLED IN NEW

CONFIGURATION.

- 6. WOOD, PLASTICS, AND COMPOSITES 6.1 REPAIR DAMAGED WOOD STAIR TREADS/RISERS AS REQ'D. 6.2 NEW RAKE TRIM & GUTTERBOARD TO MATCH EXISTING - SEE
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7. THERMAL AND MOISTURE PROTECTION

- 7.2 NEW ROUND ALUMINUM DOWNSPOUT PAINTED TO MATCH ADJACENT WALL SURFACE. SEE EXTERIOR ELEVATIONS. TIE INTO EXISTING SEWER SYSTEM. 7.3 NEW PVC AT LOWER 6' OF DOWNSPOUT. PAINT TO MATCH
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- CARLISLE SYNTEC, CARLISLE, PA, OR EQUIVALENT. 7.6 NEW ROOF ACCESS HATCH. INSTALL PER MANUF'S INSTRUCTS. BASIS OF DESIGN = BILCO E50TB, 36"X36".

DEFINITION DURATION SHINGLES, WITH 30 YEAR MIN.

WARRANTY. PROVIDE ICE AND WATER SHIELD WHERE

- 7.8 NEW ASPHALT GREY SHINGLE ROOF. SEE ROOF DETAILS. INSULATION PER SCHEDULE. B.O.D. OWENS CORNING TRU
- REQUIRED. 7.9 HATCHED AREA SHOWS APPROXIMATE LOCATION OF NEW FIXED ROOF WALKWAY PADS.

8. OPENINGS

- 8.1 EXG HISTORIC FRAME AND TRANSOM TO REMAIN. TRANSOM TO RECEIVE NEW GLAZING. NO DOOR AT THIS LOCATION.
- 8.2 NEW EXTERIOR BUILDING ENTRY DOOR AND FRAME SEE DOOR SCHEDULE.
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- 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
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- 10.4 BUILT-IN SHELVING FOR LINEN CLOSET. 10.5 PROVIDE "NO SMOKING" SIGN AT EXTERIOR WALL. 10.6 FIRE EXTINGUISHER. COORDINATE FINAL LOCATION WITH LOCAL FIRE MARSHAL. A. SURFACE MOUNTED.
- B. IN SINK CABINET IN RESIDENTIAL UNIT, TYPICAL. 10.7 PROVIDE DRAIN PAN BENEATH WASHING MACHINE/ WATER HEATER. SEE PLUMBING DWGS.

26.3 NEW MAST HEAD. SEE ELECTRICAL DWGS.

10.8 NOT USED. 10.9 SHOWER NICHE. SEE ENLARGED PLANS, INTERIOR ELEVATIONS

- AND DETAIL I/A5.00. 10.10 RECESSED KEY LOCK BOX - BASIS OF DESIGN KNOXBOX 3200. INSTALL PER MANUF'S INSTRUCTS. COORDINATE WITH FIRE
- 10.11 FIRE ESCAPE ACCESS WINDOW.

NEW WORK PLANS & ELEVATIONS # KEYED NOTES:

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

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

22. PLUMBING

- 22.1 PROVIDE RADON RISER, AS REQUIRED BY OWNER'S
- CONSULTANT. RISER TO EXTEND FROM BASEMENT TO ATTIC. SEE CONSULTANT DESIGN FOR LOCATIONS OF RISERS. SEE NOTE 3.2. COORDINATE WITH PLUMBING.
- 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. B. ROOF > 3:12, INSTALL C.U. ON MECHANCIAL PLATFORM CONDENSING UNIT(S) ON MECHANICAL PLATFORM. SOUND
- ISOLATE MECHANICAL PLATFORM. 23.2 NEW EXHAUST/INTAKE LOUVERS ON EXTERIOR WALL. LOUVERS TO BE PAINTED TO MATCH ADJACENT BRICK. SEE ELEVATIONS AND MECHANICAL DWGS.
- 23.3 EXHAUST SHAFT FOR FUTURE KITCHEN EXHAUST. CAP AT ROOF.

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 BUILDING.

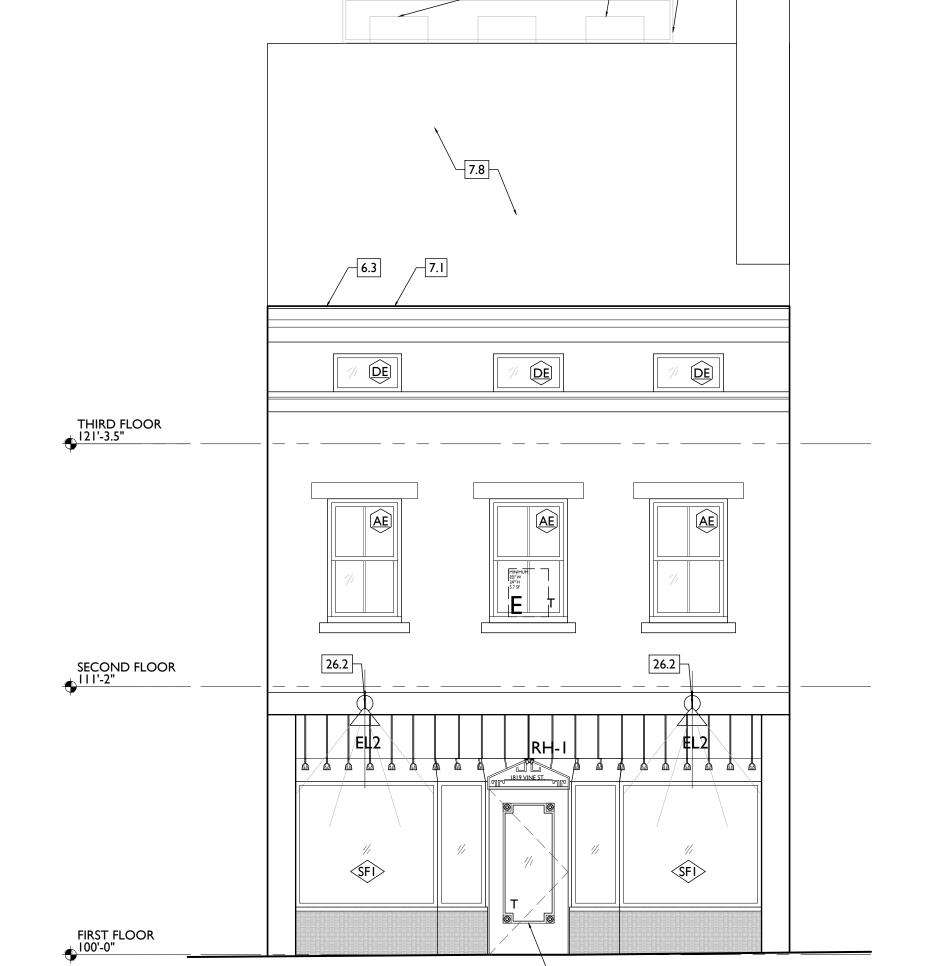
PARTITION TYPE - TYPE I U.N.O. 4 KEYNOTE. NEW PARTITION WALL. NEW MASONRY WALL. OBJECT OVERHEAD. — IHR — I-HR FIRE RATING. — 2HR — 2-HR FIRE RATING. NEW FLOOR & FRAMING TO MATCH ADJ - SEE STRUCT DWGS. NEW GYP BD SOFFIT/ BULKHEAD/ DROPPED CLG - SEE RCPS. AREA OF ATYPICAL FIRE-RATED ASSEMBLY ABOVE. 100A 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:

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

CONSTRUCTION



ALL KEYED NOTES LISTED MAY NOT APPLY TO THIS SHEET.

3.1 EXG PAVER FLOOR TO REMAIN. REPAIR AS REQ. AND CONNECT 7.1 REPAIR/RE-LINE EXG BOX GUTTER. FLOOR DRAINS SEWER. SEE STRUCTURAL DRAWINGS. 3.2 VAPOR MITIGATION SYSTEM BELOW SLAB, AS REQUIRED BY OWNER'S CONSULTANT. SEE CONSULTANT DESIGN FOR

3.3 INFILL PREVIOUS BASEMENT HATCH/RECESSED ENTRY. COORDINATE EXTERIOR PAVEMENT/GRADING WORK W/ CIVIL.

SYSTEM DETAILS AND LOCATIONS OF VERTICAL VENTS. SEE

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 ELEVATIONS & PER SHPO NARRATIVE. 4.3 OPENING TO BE INFILLED WITH CMU AT INTERIOR AND BRICK AT EXTERIOR. BRICK IS TO MATCH EXG ADJACENT HISTORIC

OPG IS TO BE SET BACK I" FROM FACE OF EXG WALL. SEE

BETAFENCE "UPGRADE" STEEL FENCE, 6'-0" TALL, 3 RAIL, W/

5. METALS

DETAILS.

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. 5.4 NEW BLACK METAL PICKET FENCE AND GATE, B.O.D. =

SUMMIT PICKETS AND STANDARD BOTTOM. COORD. FINAL SPEC W/ ARCHITECT. 5.5 EXG. FIRE ESCAPE LADDER TO BE REINSTALLED IN NEW

CONFIGURATION.

6. WOOD, PLASTICS, AND COMPOSITES 6.1 REPAIR DAMAGED WOOD STAIR TREADS/RISERS AS REQ'D. 6.2 NEW RAKE TRIM & GUTTERBOARD TO MATCH EXISTING - SEE ELEVATIONS.

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

7. THERMAL AND MOISTURE PROTECTION

STRUCTURAL DRAWINGS.

7.2 NEW ROUND ALUMINUM DOWNSPOUT PAINTED TO MATCH ADJACENT WALL SURFACE. SEE EXTERIOR ELEVATIONS. TIE INTO EXISTING SEWER SYSTEM. 7.3 NEW PVC AT LOWER 6' OF DOWNSPOUT. PAINT TO MATCH

DOWNSPOUT. 7.4 NEW ALUMINUM GUTTER, PAINTED TO MATCH ADJACENT WALL SURFACE.

7.5 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. 7.6 NEW ROOF ACCESS HATCH. INSTALL PER MANUF'S INSTRUCTS. BASIS OF DESIGN = BILCO E50TB, 36"X36".

BRICK IN SIZZE, TEXTURE, AND APPEARANCE. FACE OF BRICK IN 7.7 PROVIDE NEW DARK BRONZE METAL CAP AT CHIMNEY. 7.8 NEW ASPHALT GREY SHINGLE ROOF. SEE ROOF DETAILS. INSULATION PER SCHEDULE. B.O.D. OWENS CORNING TRU

> WARRANTY. PROVIDE ICE AND WATER SHIELD WHERE REQUIRED. 7.9 HATCHED AREA SHOWS APPROXIMATE LOCATION OF NEW FIXED ROOF WALKWAY PADS.

DEFINITION DURATION SHINGLES, WITH 30 YEAR MIN.

8. OPENINGS 8.1 EXG HISTORIC FRAME AND TRANSOM TO REMAIN. TRANSOM

8.3 NEW DOOR IN EXISTING HISTORIC FRAME/TRANSOM. SEE

8.4 RELOCATED HISTORIC DOOR/OPG. SEE DOOR SCHEDULE.

9.1 EXG PLASTER AT MASONRY WALL TO BE PATCHED AND

9.2 FIRE-RATING TO BE CONTINUOUS BEHIND PLUMBING/CHASE/

FURRING WALL. FIRE RATING TO BE CONTINUOUS AT

8.5 EXG HISTORIC DOOR AND FRAME/TRANSOM TO REMAIN. SEE

10.9 SHOWER NICHE. SEE ENLARGED PLANS, INTERIOR ELEVATIONS TO RECEIVE NEW GLAZING. NO DOOR AT THIS LOCATION. AND DETAIL I/A5.00. 8.2 NEW EXTERIOR BUILDING ENTRY DOOR AND FRAME - SEE

10.10 RECESSED KEY LOCK BOX - BASIS OF DESIGN KNOXBOX 3200. INSTALL PER MANUF'S INSTRUCTS. COORDINATE WITH FIRE

10.11 FIRE ESCAPE ACCESS WINDOW.

NEW WORK PLANS & ELEVATIONS # KEYED NOTES:

21. FIRE SUPPRESSION

10.8 NOT USED.

21.1 APPROX LOCATION OF FDC CONNECTION - COORDINATE W/ 21.2 SPRINKLER RISER. SEE PLUMBING DWGS.

21.3 EXTERIOR TAMPER/FLOW NOTIFICATION DEVICE - COORDINATE WITH ELECTRICAL AND FIRE PROTECTION SYSTEMS.

22.3 HOSEBIB LOCATION. SEE PLUMBING DRAWINGS.

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NOTE 3.2. COORDINATE WITH PLUMBING. 9.4 SUPPORTING CONSTRUCTION TO BE RATED. SEE DETAILS "4" & 22.2 PLUMBING CHASE (OR WALL) - VERIFY LOCATIONS IN FIELD TO ALIGN CONCEALMENT BETWEEN FLOORS.

9. FINISHES

DOOR SCHEDULE.

DOOR SCHEDULE AND DETAILS.

DOOR TYPES AND SCHEDULE.

A. OPERABLE DOOR

B. DOOR FIXED IN PLACE

REPAIRED, WHERE POSSIBLE.

9.3 NEW HARDWOOD FLOORING.

"5" ON SHEET A6.02.

INTERSECTION W/ NON-RATED WALL.

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 BUILT-IN SHELVING FOR LINEN CLOSET.

HEATER. SEE PLUMBING DWGS.

10.5 PROVIDE "NO SMOKING" SIGN AT EXTERIOR WALL. 10.6 FIRE EXTINGUISHER. COORDINATE FINAL LOCATION WITH LOCAL FIRE MARSHAL. A. SURFACE MOUNTED. B. IN SINK CABINET IN RESIDENTIAL UNIT, TYPICAL.

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ISOLATE MECHANICAL PLATFORM. 23.2 NEW EXHAUST/INTAKE LOUVERS ON EXTERIOR WALL. LOUVERS TO BE PAINTED TO MATCH ADJACENT BRICK. SEE ELEVATIONS AND MECHANICAL DWGS.

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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 PAINT TYPE FOR PANEL.

26.2 NEW EXTERIOR LIGHTING. NO EXPOSED CONDUIT ON FACE OF BUILDING.

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.

> DROPPED CLG - SEE RCPS. AREA OF ATYPICAL FIRE-RATED ASSEMBLY ABOVE. 100A DOOR TAG. SEE SCHEDULE.

NEW GYP BD SOFFIT/ BULKHEAD/

NEW WORK GRAPHIC KEY:

WINDOW DESIGNATION. STOREFRONT DESIGNATION.

EMERGENCY EGRESS EXIT. OPG CONTAINS TEMPERED GLAZING.

FIXED WITHIN 3'-0" OF EXHAUST.

SINGLE HUNG OPG - UPPER SASH TO BE

X'-X" ELEVATION TAG.

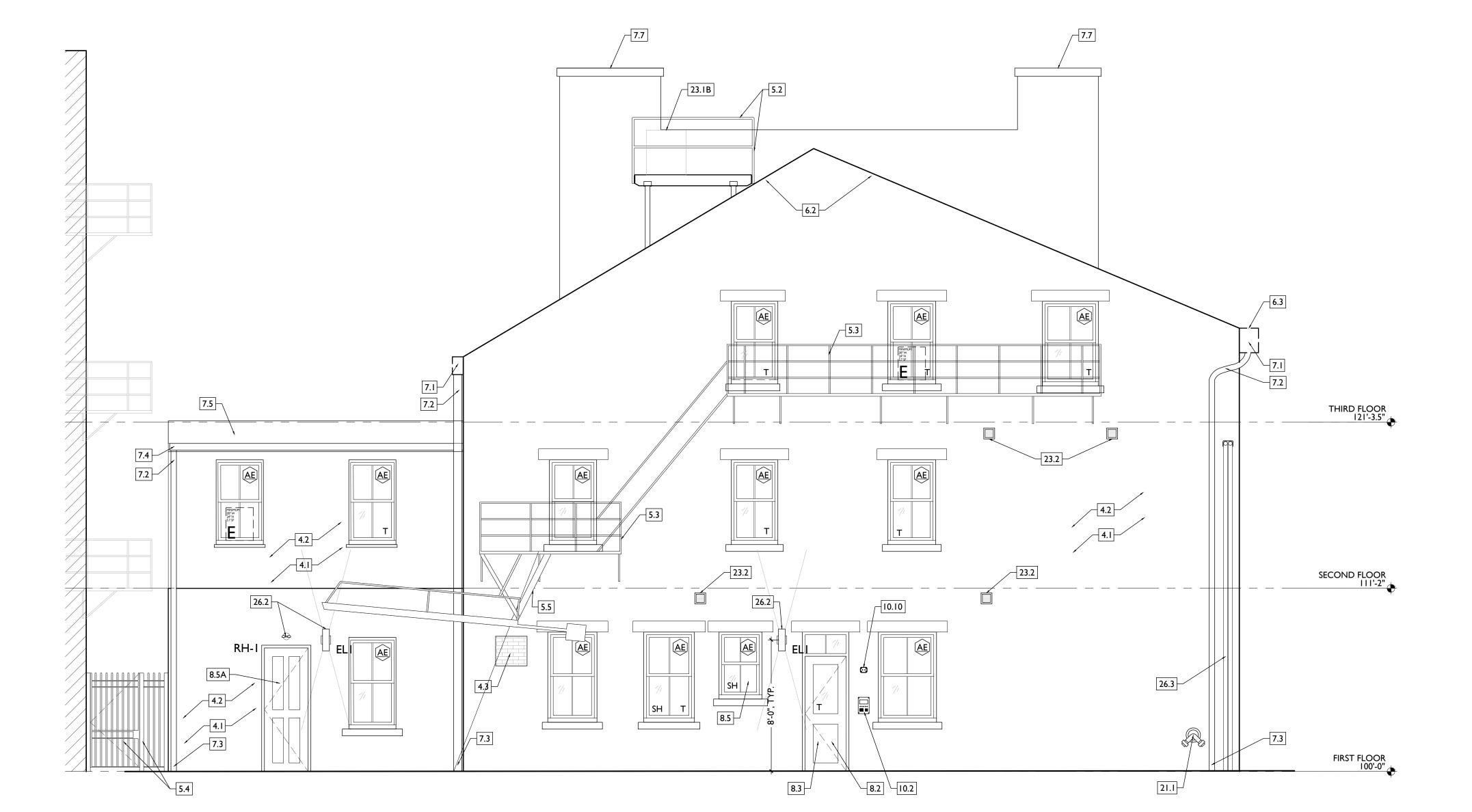
Progress Dates 2023.04.28 - BID/PERMIT 2024.08.30 - BID SET 2

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

ONSTRUCTION

Job No: 22042

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



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- 3.3 INFILL PREVIOUS BASEMENT HATCH/RECESSED ENTRY. COORDINATE EXTERIOR PAVEMENT/GRADING WORK W/ CIVIL.

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BETAFENCE "UPGRADE" STEEL FENCE, 6'-0" TALL, 3 RAIL, W/

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7. THERMAL AND MOISTURE PROTECTION

- 7.2 NEW ROUND ALUMINUM DOWNSPOUT PAINTED TO MATCH ADJACENT WALL SURFACE. SEE EXTERIOR ELEVATIONS. TIE INTO EXISTING SEWER SYSTEM. 7.3 NEW PVC AT LOWER 6' OF DOWNSPOUT. PAINT TO MATCH
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A. SURFACE MOUNTED.

B. DOOR FIXED IN PLACE

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NEW WORK PLANS & ELEVATIONS # KEYED NOTES: 26.3 NEW MAST HEAD. SEE ELECTRICAL DWGS.

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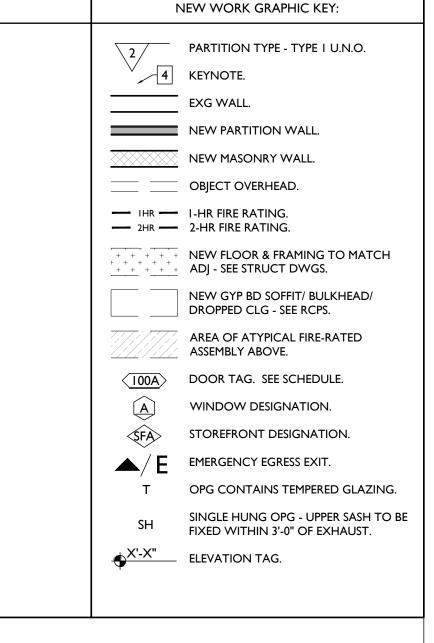
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26.2 NEW EXTERIOR LIGHTING. NO EXPOSED CONDUIT ON FACE OF BUILDING.



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

Job No: 22042

PROPOSED ELEVATION - WEST

ALL KEYED NOTES LISTED MAY NOT APPLY TO THIS SHEET.

- 3.1 EXG PAVER FLOOR TO REMAIN. REPAIR AS REQ. AND CONNECT 7.1 REPAIR/RE-LINE EXG BOX GUTTER. FLOOR DRAINS SEWER. SEE STRUCTURAL DRAWINGS. 3.2 VAPOR MITIGATION SYSTEM BELOW SLAB, AS REQUIRED BY OWNER'S CONSULTANT. SEE CONSULTANT DESIGN FOR
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5. METALS

- 5.1 NEW CONTINUOUS STEEL PIPE HANDRAIL. SEE DETAILS.
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- "5" ON SHEET A6.02.
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- 10.11 FIRE ESCAPE ACCESS WINDOW.

NEW WORK PLANS & ELEVATIONS # KEYED NOTES:

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

WITH ELECTRICAL AND FIRE PROTECTION SYSTEMS. 22. PLUMBING

- 22.1 PROVIDE RADON RISER, AS REQUIRED BY OWNER'S CONSULTANT. RISER TO EXTEND FROM BASEMENT TO ATTIC. NOTE 3.2. COORDINATE WITH PLUMBING.
- 9.4 SUPPORTING CONSTRUCTION TO BE RATED. SEE DETAILS "4" & 22.2 PLUMBING CHASE (OR WALL) VERIFY LOCATIONS IN FIELD TO

22.3 HOSEBIB LOCATION. SEE PLUMBING DRAWINGS.

- 23.1 MECHANICAL UNIT(S) WALKING PADS TO & AROUND ROOF EDGE. SEE HVAC & STRUCTURAL DWGS. B. ROOF > 3:12, INSTALL C.U. ON MECHANCIAL PLATFORM
- ISOLATE MECHANICÀL PLATFORM. 23.2 NEW EXHAUST/INTAKE LOUVERS ON EXTERIOR WALL. LOUVERS
- 23.3 EXHAUST SHAFT FOR FUTURE KITCHEN EXHAUST. CAP AT ROOF.

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.
- OF BUILDING.

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:

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

Job No: 22042

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

PROPOSED ELEVATION - NORTH

6. WOOD, PLASTICS, AND COMPOSITES 6.1 REPAIR DAMAGED WOOD STAIR TREADS/RISERS AS REQ'D. ELEVATIONS. 6.3 REPAIR/RETAIN EXG CORNICE. REPAINT. 6.4 NEW WOOD STRUCTURAL MEMBERS. SEE STRUCTURAL DRAWINGS. 6.5 NEW FRAMING/SHEATHING/DECKING IN THIS AREA. SEE STRUCTURAL DRAWINGS. 7. THERMAL AND MOISTURE PROTECTION

REPAIRED, WHERE POSSIBLE.

A. OPERABLE DOOR

B. DOOR FIXED IN PLACE

9.3 NEW HARDWOOD FLOORING.

10.1 LOCKABLE & RECESSED MAILBOXES. BOXES TO MEET USPS-4C STANDARDS & ACCESSIBILITY REQUIREMENTS. PROVIDE CONT FIRE-RATING BEHIND MAILBOXES, WHEN REQ.

- B. WALK-IN CLOSET. 10.4 BUILT-IN SHELVING FOR LINEN CLOSET.
- 10.7 PROVIDE DRAIN PAN BENEATH WASHING MACHINE/ WATER

HEATER. SEE PLUMBING DWGS.

26.3 NEW MAST HEAD. SEE ELECTRICAL DWGS.

SEE CONSULTANT DESIGN FOR LOCATIONS OF RISERS. SEE

ALIGN CONCEALMENT BETWEEN FLOORS.

23. HEATING, VENTILATING, AND AIR CONDITIONING

- EQUIPMENT. GUARDRAIL REQUIRED IF EQUIPMENT < 10' FROM CONDENSING UNIT(S) ON MECHANICAL PLATFORM. SOUND
- TO BE PAINTED TO MATCH ADJACENT BRICK. SEE ELEVATIONS AND MECHANICAL DWGS.

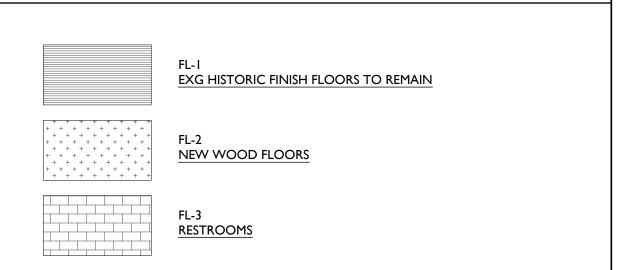
26.2 NEW EXTERIOR LIGHTING. NO EXPOSED CONDUIT ON FACE

APPLIANCE/ EQUIPMENT SCHEDULE						
ITEM/ LOCATION	CODE	DESCRIPTION	FINISH	NOTES		
MICROWAVE HOOD, RESIDENTIAL KITCHENS		MANU: GE - 1.7 CU.FT. OVER-THE-OVEN MICROWAVE OVEN OUTSIDE EXHAUST - VERTICAL VENT MODEL: JVM3162RJSS	STAINLESS	MOUNTING HEIGHT, SEE ELEVATIONS.		
RANGE/OVEN, RESIDENTIAL KITCHENS	EQ-2	MANU: GE-PROFILE-30" WIDE 5.3 CU.FT. FREE STANDING ELECTRIC FINGERPRINT RESISTANT RANGE WITH CONVECTION OVEN MODEL: PB935TPFS	STAINLESS	MOUNTING HEIGHT, SEE ELEVATIONS.		
DISHWASHER, RESIDENTIAL KITCHENS	EQ-3	MANU: GE-24" WIDE DISHWASHER WITH FRONT CONTROLS MODEL: GDF510PSRSS	STAINLESS	MOUNTING HEIGHT, SEE ELEVATIONS.		
REFRIGERATOR, I BEDROOM & EFFICIENCY UNITS	EQ-4	MANU: GE - 24" WIDE SMALL SPACE TOP-FREEZER REFRIGERATOR - 11.6 CU.FT MODEL: GPE12FSKSB	STAINLESS WITH BLACK HANDLES	MOUNTING HEIGHT, SEE ELEVATIONS.		
REFRIGERATOR 2&3 BEDROOM UNITS	EQ- 5	MANU: GE - 30" WIDE TOP-FREEZER REFRIGERATOR - 19.2 CU.FT. MODEL: GPE12FSKB	FINGERPRINT RESISTANT STAINLESS	MOUNTING HEIGHT, SEE ELEVATIONS.		
WASHER, RESIDENTIAL UNITS	EQ-6	MANU: GE - 27" WIDE FRONT LOAD WASHER 4.5 DOE CU.FT. MODEL: GFW430SSMWW	WHITE	MOUNTING HEIGHT,SEE PLANS		
DRYER, RESIDENTIAL UNITS	EQ-7	MANU: GE - 27" WIDE FRONT LOAD DRYER 7.5 CU.FT. CAPACITY	WHITE	MOUNTING HEIGHT,SEE PLANS		
WASHER, SHARED LAUNDRY FACILITIES	EQ-8	MANU: SPEED QUEEN QUANTUM GOLD FRONT CONTROL FRONT LOAD WASHER	WHITE	MOUNTING HEIGHT,SEE PLANS		
DRYER, SHARED LAUNDRY FACILITIES	EQ-9	MANU: SPEED QUEEN QUANTUM GOLD PRO FRONT CONTROL SINGLE DRYER	WHITE	MOUNTING HEIGHT, SEE PLANS		
MICROWAVE, ACCESSIBLE RESIDENTIAL KITCHENS	DENTIAL BELOW COUNTERTOP BUILT-I MICROWAVE OVEN (#GMBS30		STAINLESS	MOUNTING HEIGHT, SEE ELEVATIONS.		
RANGE HOOD, EQ-11 ACCESSIBLE RESIDENTIAL KITCHENS		MANU: GE - 30" WIDE OVER THE RANGE CONVERTIBLE HOOD	FINGERPRINT RESISTANT STAINLESS	MOUNTING HEIGHT, SEE ELEVATIONS.		

FLOOR GENERAL NOTES

- WHERE EXG. HEARTH TILE IS PRESENT. PROTECT AND MAINTAIN AS IS. WHERE EXG. HEARTH IS CONCRETE, PATCH / PROVIDE SOME SKIM COAT. PAINT CONCRETE. COLOR TBD.
- 3. TRANSITION TYPES: 3.1. PROVIDE TRANSITION STRIPS WHERE CHANGES IN MATERIAL OCCUR.
- 3.2. PROVIDE NEW WOOD TRANSITIONS WHERE NEW WOOD FLOOR MEETS HISTORIC WOOD FLOOR
- 3.3. WHERE FLOOR TILE TRANSITIONS TO WOOD PROVIDE ALUMINUM TILE EDGE. B.O.D
- BENGARD-SHUR-TRIM. THICKNESS TO BE DETERMINED IN THE FIELD. 4. INFILL WOOD TO MATCH SPECIES, WIDTH, AND STAIN OF EXISTING WOOD FLOORS. TOOTH-IN TO EXISTING WHERE POSSIBLE.

FLOOR FINISH LEGEND (SEE FINISH SCHEDULES A4.00-A4.02 FOR DETAILS)

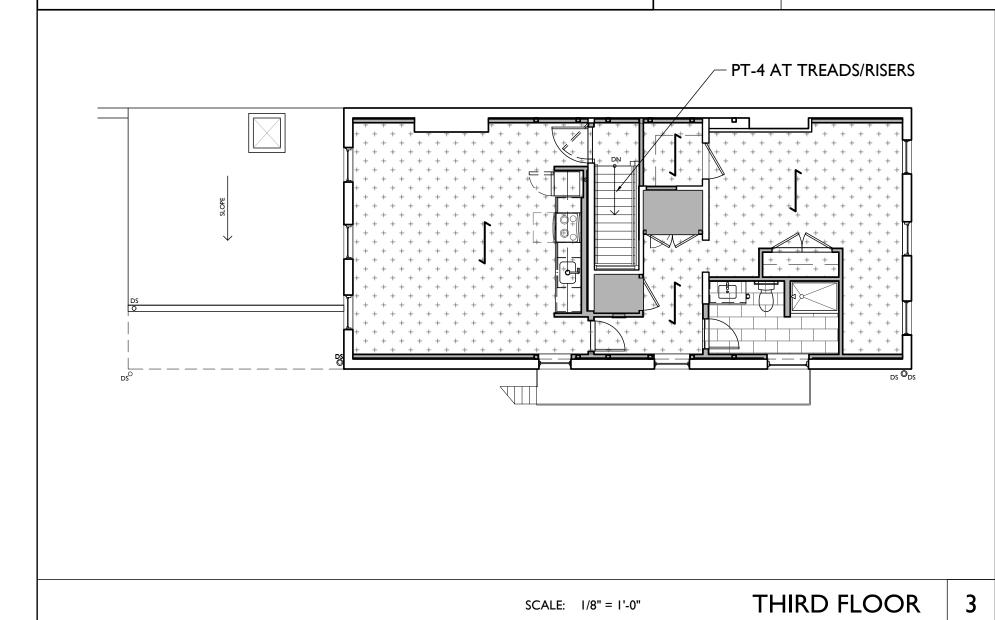


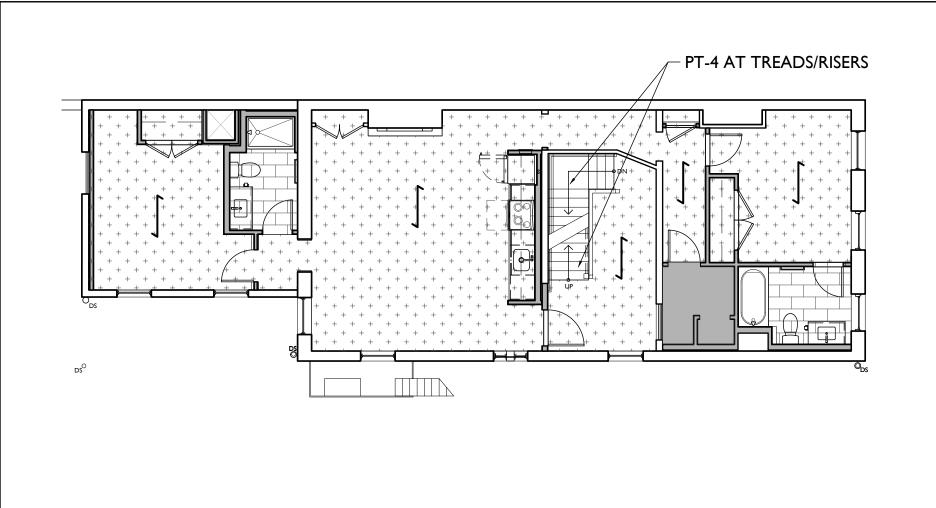


MATERIAL / LOCATION	1	DESCRIPTION	NOTES	SOURCE
PIATERIAL / LOCATION	CODE	FLOORING	HOTES	JOURCE
		EXISTING WOOD FLOORING	1	
EXISTING WOOD FLOORING - WHERE MAINTAINED	FL-I	FINISH: MINWAX STAIN COLOR: HEIRLOOM OAK MW44I INFILL WOOD TO MATCH SPECIES, WIDTH, AND STAIN OF EXISTING WOOD FLOORS TOOTH INTO EXISTING 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		
	_	<u>PAINT</u>		
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	PT-2	MANU: PPG ARCHITECTURAL COATINGS COLOR: IN THE CLOUD - PPG 0999-I	BASE, TRIM, MILLWORK FINISH: SEMI-GLOSS	
PAINT - UNIT ENTRY 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		
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:		

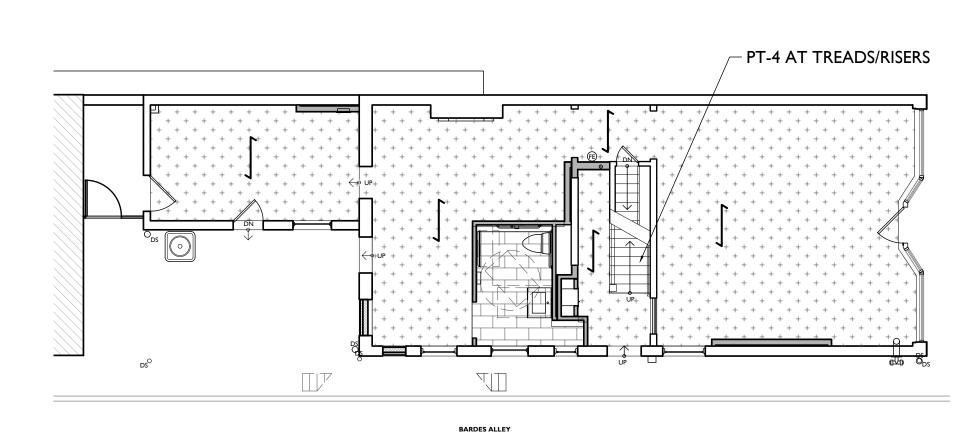
STAIR HALL: PT-3

		1	_	SOLID SURFACE			
QUARTZ - KITC COUNTERTOPS COUNTERTOPS THROUGHOUT	&	SS-I		CORIAN - QUARTZ : CALCATTA VILLA - 2CM		BRIAN FORTIN BRIAN.FORTIN@OVSCO.COI 513.582.2528	
		!		CASEGOODS			
CABINETS - IN UNITS/ COMMERCIAL RR CG-I DOOR S MAPLE, F		DOOR S	: SMART CABINETS W/ PLYWOOD BOX STYLE: SUMMIT (SOLID WOOD) FULL OVERLAY STAIN - FAWN	DOOR PULLS - MANU: AMEROCK MONUMENT 5-1/16" CENTER TO CENTER CABINET PULL MODEL: BP36571FB FINISH: BLACK	SMART CABINETRY SALES@SMARTCABINETRY.CO 574.831.5010		
				GLASS			
GLASS SHOWER DOOR ENCLOSURE - UNIT GL-I MODEL: BATHROOMS GLASS: A		DOOR MODEL: GLASS: A	CELA-935 QUA GLIDE GLASS CHROME				
				OTHER			
BLINDS			FINISH.	WOOD BLINDS AT ALL RESIDENTIAL UNITS, WHITE VERIFY ALL LOCATIONS WITH OWNER 4"L X 2.5"W FLOATING WALL MOUNT MODERN HOUSE			
UNIT ENTRY SIC	INIT ENTRY SIGNAGE NUMBE		NUMBE	R, BLACK. VERIFY ALL LOCATIONS WITH OWNER. DINATE LOCATIONS WITH ACCESSIBILITY REQUIREMENTS	FINAL LOCATION TO BE DETERMINED BY OWNER	AMAZON https://tinyurl.com/mr37xwxn	
BATHRO	OM EC	QUIPN	1ENT	SCHEDULE			
CODE	ITEM			MANUFACTURER & PRODUCT #	MOUNTING HEIGHT	REMARKS	
Α	GRAB B	ARS		MANU: BOBRICK LINE: B-5806X18 SIZE: (18") X 36 (36") & 42 (42")	PER ELEVATIONS & ACCESSIBILITY REQUIREMENTS	COMMERCIAL BATHROOM	
В	DIAPER (CHANGE S	STATION	MANU: KOALA KARE MODEL: KB200-SS HORIZONTAL WALL MOUNTED FINISH: GREY 01	48" A.F.F. MAX MOUNTING HEIGHT TO T.O. STATION. WORKSURFACE WHEN OPEN TO BE 34" MAX - 28" MIN.	COMMERCIAL BATHROOM	
CI				RECESSED: MANU: KOHLER 16"x20" SINGLE DOOR REVERSIBLE HINGE FRAMELESS MIRRORED MEDICINE CABINET MODEL: K-CB-CLR1620FS			
C2	MEDICIN	IE CABINE	Т	SURFACE MOUNTED: RANGAIRE SURFACE MOUNT 16"X22" SINGLE DOOR MEDICINE CABINET WITH REVERSIBLE DOOR SWING	PER ELEVATIONS	UNIT BATHROOMS	
D	PAPER TOWEL DISPENSER			ASI TRADITIONAL PAPER TOWEL DISPENSER MULTI, C-FOLD, SURFACE MOUNTED BLACK MODEL: ASI 0210-41	PER ACCESSIBILITY REQUIREMENTS, 48" MAX TO HIGHEST OPERABLE PART	COMMERCIAL BATHROOM	
EI	TOILET DISPEN	TISSUE SER		HARNEY HARDWARE COLLECTION: CLEARWATER TOILER PAPER HOLDER FINISH: MATTE BLACK PRODUCT #10220	PER ELEVATIONS & ACCESSIBILITY REQUIREMENTS	UNIT/COMMERCIAL BATHROOMS	
E2	TOWEL	- HOOK		HARNEY HARDWARE COLLECTION: CLEARWATER 24" TOWEL BAR FINISH: MATTE BLACK PRODUCT #10222	48" A.F.F.	UNIT BATHROOMS	
E3	E3 ROBE HOOK			"HARNEY HARDWARE COLLECTION: CLEARWATER ROBE HOOK FINISH: MATTE BLACK PRODUCT # 10218"	48" A.F.F.	UNIT/COMMERCIAL BATHROOMS	
F MIRROR				MANU: NUTYPE (HOME DEPOT) COLLECTION: MEDIUM RECTANGLE BLACK SHELVES AND DRAWERS MODERN MIRROR SIZE: 24 X 36 FINISH: BLACK	PER ELEVATIONS & ACCESSIBILITY REQUIREMENTS	UNIT/COMMERCIAL BATHROOM	
G TOILET PARTITION				MANU: ASI ACCURATE PARTITIONS MATERIAL: SOLID PLASTIC (HDPE)	PER ELEVATIONS & ACCESSIBILITY REQUIREMENTS	COMMERCIAL BATHROOM	
						†	





SCALE: 1/8" = 1'-0" SECOND FLOOR 2



SHOWER CURTAIN ROD TBD

UNIT BATHROOMS

FINISH SCHEDULE

PER ELEVATIONS

SCALE: 3/8" = 1'-0"

FIRST FLOOR SCALE: 1/8" = 1'-0"

FINISH FLOOR PLANS

Job No: 22042 08/30/2024

ONSTRUC

Progress Dates

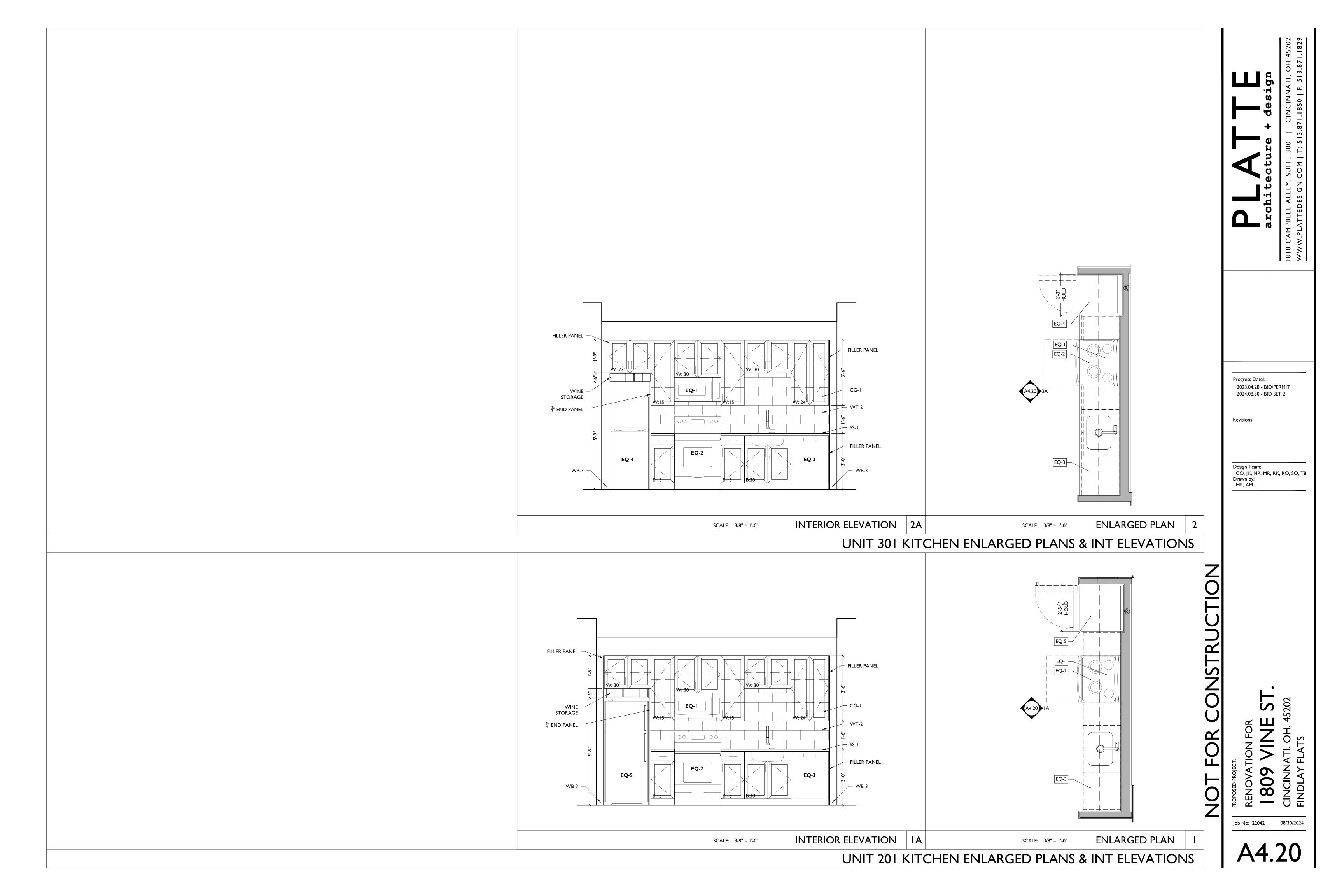
Revisions

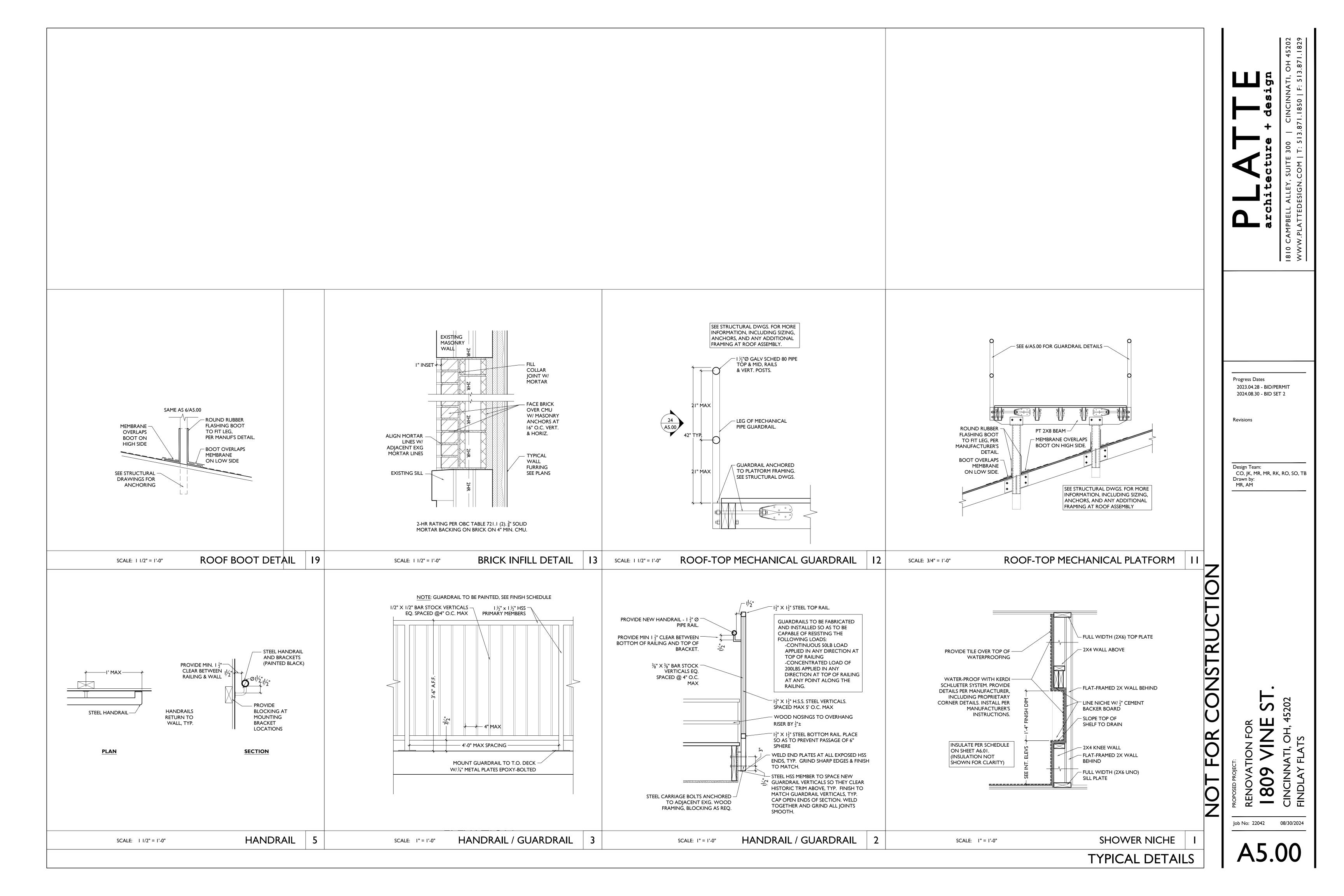
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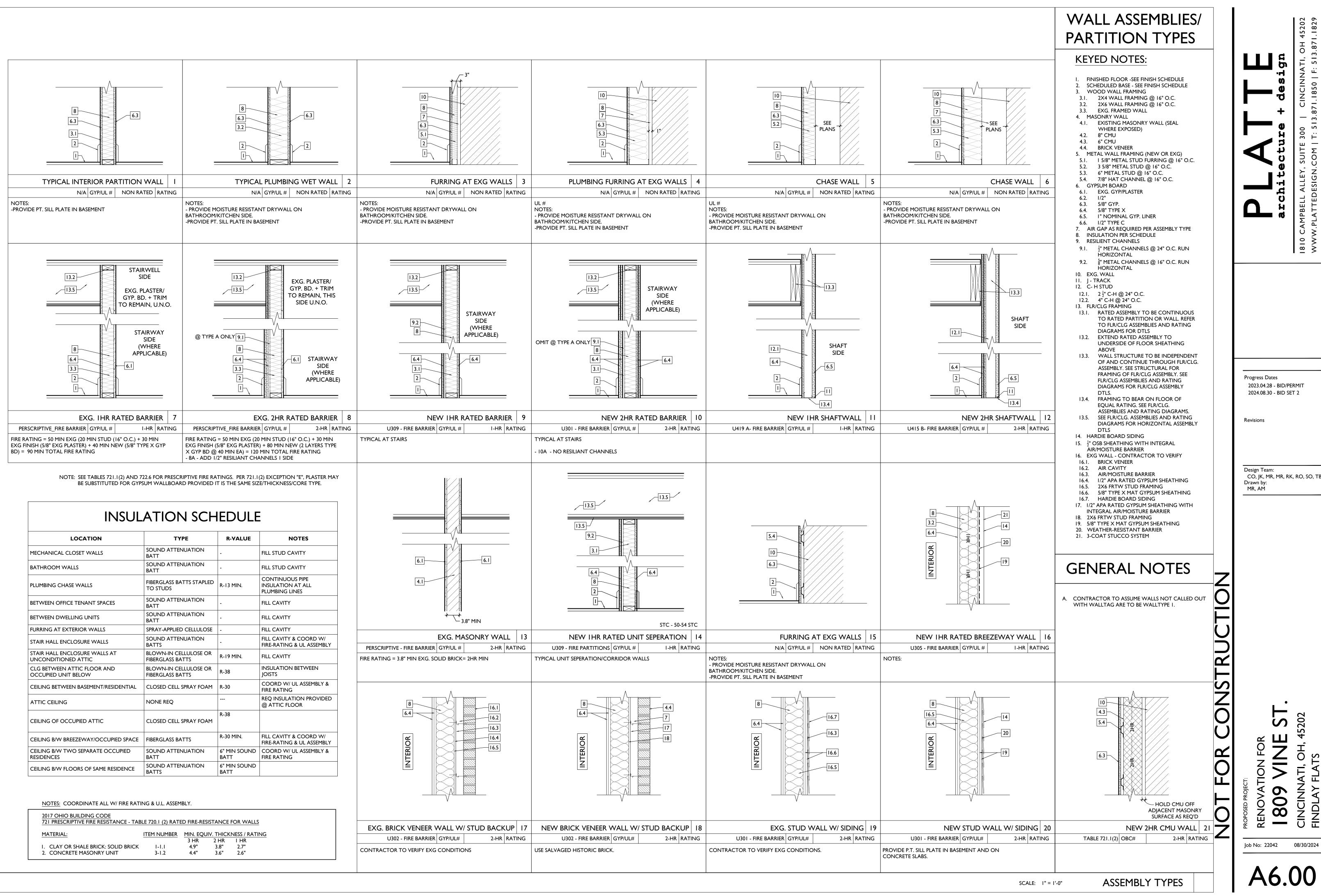
Design Team: CO, JK, MR, MR, RK, RO, SO, TB Drawn by: MR, AM

2024.08.30 - BID SET 2



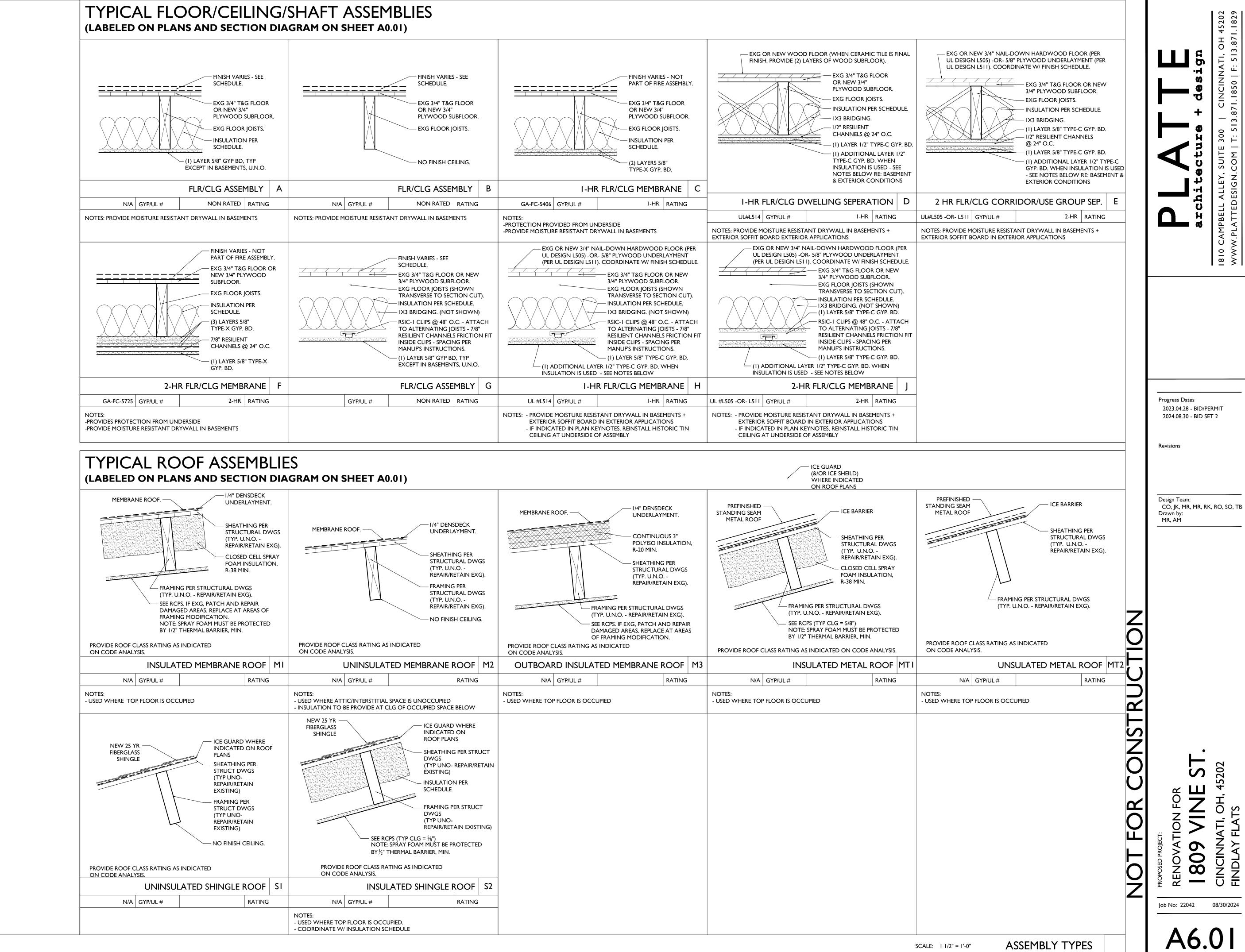


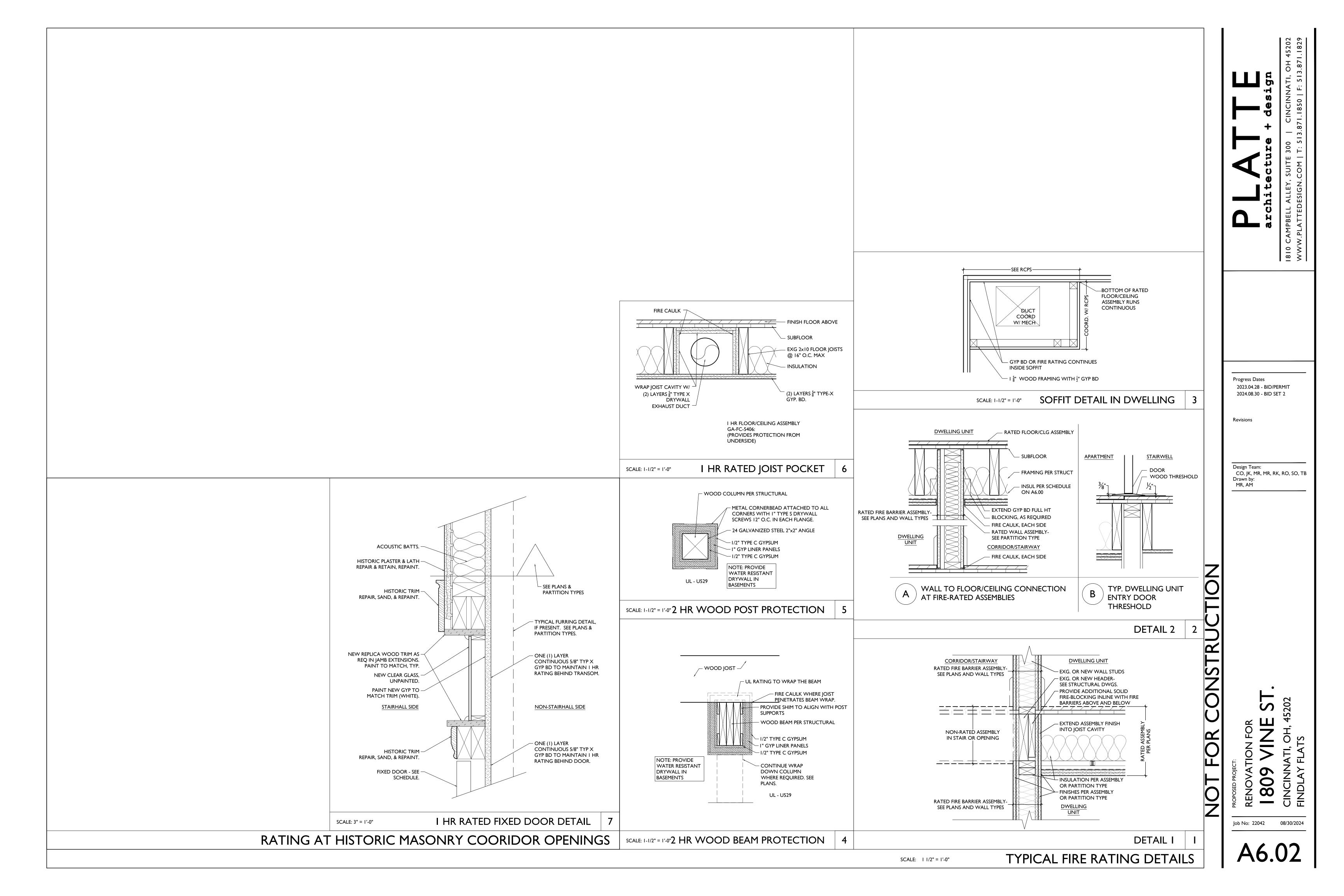




2023.04.28 - BID/PERMIT 2024.08.30 - BID SET 2

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





HAKI	DWARE SCHE	DULE	CALL OUT LEGENDS			
HDWR	М	DESCRIPTION	DOOR FINISHES (ALSO SEE A4.00 AND A8.00-8.01)			
XISTING DO	OORS TO REMAIN	<u> </u>	FF DOOR TO BE FACTORY FINISHED AS PART OF NEW STOREFRONT SYSTEM. SEE			
H01	EXISTING TO REMAIN	EXISTING HARDWARE SET TO REMAIN	STOREFRONT TYPES ON A6.12. PT AT EXTERIOR DOORS: SEE EXTERIOR PAINT SCHEDULE ON A8.00-A8.01.			
XTERIOR D	OORS / GATES		AT INTERIOR DOORS: SEE FINISH SCHEDULE ON A4.00. WL WOOD LOOK			
G02	FENCE GATE	OUTSIDE KEY LOCK, INSIDE ALWAYS UNLOCKED (3) HINGES	ST STAINED			
NEW COMME	ERCIAL DOORS	• (I) CLOSER	FRAME TYPES (ALSO SEE A6.11)			
H02	EXTERIOR COMMERCIAL DOOR (TYPICAL)	ENTRY LOCKSET OUTSIDE KEYLOCK (LOCKED FROM OUTSIDE) LEVER HANDLES INSIDE KEYLOCK W/ SINGLE ACTION LEVER RELEASE: MECHANISM RELEASES DEADBOLT WHEN INTERIOR HANDLE IS TURNED. MEETS EMERGENCY EGRESS REQUIREMENT. I-1/2 PAIR HINGES (I) CLOSER WALL/FLOOR STOP WEATHER SEALS	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 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 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 NOTE: FRAMES TO BE PAINTED, UNO. SEE FINISH SCHEDULE AND EXTERIOR PAINT SCHEDULI FOR MORE INFORMATION.			
H05	COMMERCIAL RESTROOM (SINGLE USER)	PRIVACY LOCKSET • INSIDE THUMB LOCK • LEVER HANDLES • (3) HINGES	TRANSOM TYPES			
	OSER)	KICK/MOP PLATE WALL/FLOOR STOP	TRI NEW HOLLOW METAL FRAMED TRANSOM TR2 HISTORIC TRANSOM TRIM & GLAZING TO REMAIN. REPAIR/REPLICATE MISSING PIECES AS			
H06	DOOR TO BASEMENT/MECHANICAL CLOSET	STORAGE LOCKSET RATED HARDWARE WHERE REQUIRED OUTSIDE KEY LOCK, INSIDE ALWAYS UNLOCKED ACCESSIBLE BY LANDLORD ONLY (3) HINGES WALL/FLOOR STOP	REQ TR3 NEW WOOD TRANSOM TRIM TO MATCH EXG ADJACENT HISTORIC TRIM OF DOOR - WITH NEW TEMPERED GLAZING TR4 HISTORIC TRANSOM TRIM TO REMAIN. REPAIR/REPLICATE MISSING PIECES AS REQ'D. INSTALL NEW CLEAR GLAZING. SF NEW TRANSOM TO BE PART OF STOREFRONT SYSTEM. SEE STOREFRONT TYPES.			
NEW COMMO	ON RESIDENTIAL DOORS		GA NEW TRANSOM TO BE PART OF METAL BREEZEWAY GATE. SEE A6.11			
H09	FIXED DOOR	FIX DOOR CLOSED BLANK ESCUTCHEON PLATE ON EXPOSED SIDE PROVIDE WEATHER STRIPPING WHERE DOOR IS EXPOSED TO THE EXTERIOR.				
ніо	DOOR FROM STAIR/CORRIDOR TO EXTERIOR	EGRESS LOCKSET W/ ELECTRONIC ACCESS CONTROL OUTSIDE ALWAYS LOCKED, INSIDE ALWAYS UNLOCKED LEVER HANDLES ELECTRONIC ACCESS CONTROL (INTERCOM OR KEY FOB) ELECTRIC STRIKE I LOCKSET I-1/2 PAIR HINGES (I) CLOSER WALL/FLOOR STOP	SCHEDULE NOTES			
JENA/ DDIN/AT	E RESIDENTIAL DOORS	• WEATHER SEALS	I. EXISTING HISTORIC OPENING: I.A. EXISTING HISTORIC DOOR (& TRANSOM, IF APPLICABLE) TO REMAIN IN SITU. REPAIR			
HR01	RESIDENTIAL UNIT ENTRY DOOR	ENTRY LOCKSET • RATED HARDWARE • I LOCKSET • THUMB TURN DEADBOLT. • (3) HINGES • (1) SPRING CLOSER • WIDE ANGLE VIEWER • WALL/FLOOR STOP • SMOKE SEAL • DOOR SWEEP • RUBBER THRESHOLD (LOW PROFILE)	AS REQ. CONTRACTOR TO PROVIDE ALLOWANCE FOR DOOR REPAIR FOR ALL EXG. DOORS TO REMAIN. 1.B. EXISTING HISTORIC DOOR IS TO BE FIXED IN PLACE. SEE PLANS. 1.C. OPENING TO HAVE RELOCATED HISTORIC DOOR. SEE EXISTING PLANS FOR PREVIOUS LOCATION AND NEW WORK PLANS FOR NEW LOCATION. 1.D. OPENING TO HAVE RELOCATED HISTORIC FRAME/TRIM. SEE EXISTING PLANS FOR PREVIOUS LOCATION AND NEW WORK PLANS FOR NEW LOCATION. 1.E. NEW OPERABLE DOOR IN HISTORIC OPENING. 1.F. HISTORIC POCKET DOORS TO BE RESTORED TO ORIGINAL FUNCTION AND			
HROIA	RESIDENTIAL UNIT ENTRY DOOR (EXTERIOR)	ENTRY LOCKSET • I LOCKSET • THUMB TURN DEADBOLT. • (3) HINGES • (1) SPRING CLOSER • WIDE ANGLE VIEWER • WALL/FLOOR STOP • WEATHER SEALS • DOOR SWEEP • RUBBER THRESHOLD (LOW PROFILE)	OPERATION. 2. EXISTING TRANSOM TO BE INFILLED BEHIND WITH GYP. BD. TO MAINTAIN FIRE RATING. SEE DETAILS ON A6.02. 3. PROVIDE HOLD OPEN FOR THIS DOOR - SEE HARDWARE SCHEDULE. 4. PROVIDE HINGES THAT ALLOW FOR EASY DOOR REMOVAL DURING LAUNDRY UNIT INSTALLATION & MAINTENANCE. 5. DOOR TO BE UNDERCUT. SEE MECHANICAL DRAWINGS. 6. DOOR(S) TO BE FIXED IN PLACE AND INOPERABLE.			
HR02	TYPICAL BEDROOM AND BATHROOM	PRIVACY LOCKSET • (I) LOCKSET • (3) HINGES • WALL/FLOOR STOP • WOOD "T" THRESHOLD	 PROVIDE VIEW HOLE AT 48" A.F.F., CENTERED IN DOOR. TIME DELAY FOR ELECTRIC STRIKE TRIGGERED BY INTERCOM OR KEY FOB AT EXTERIOR ENTRY. GATE TO BE PART OF SPECIFIED FENCE SYSTEM. SEE PLANS FOR KEYNOTE WITH B.O.D. 			
HR03	DOOR TO MECHANICAL CLOSET	STORAGE LOCKSET OUTSIDE KEY LOCK, INSIDE ALWAYS UNLOCKED ACCESSIBLE BY LANDLORD ONLY (3) HINGES WALL/FLOOR STOP WOOD "T" THRESHOLD	7. GATE TO BETAKT OF STEELING STOTELY, SEETENING TOK KETNOTE WITH B.O.D.			
HR04	SINGLE DOOR TO CLOSET/STORAGE/LAUNDRY/ BEDROOM EGRESS	PASSAGE LOCKSET • (3) HINGES • WALL/FLOOR STOP CLOSET PULLS				
HR04A	DOUBLE <u>SWINGING</u> DOOR TO CLOSET/STORAGE	• DUMMY LEVER HANDLES • BALL CATCHES • 3 PAIR HINGES	GENERAL NOTES			
ALL HARDWA PINCHING O ALL HARDW EXTERIOR HI TO BE POWE ALL HARDW A. LOCKSETS COORDIN (ND SERIES FORMAT K B. EXIT DEVIC SERIES), VC C. DOOR CLO MANUFAC HINGES: A. HINGES: A. HINGE QU THAN 7'6" COORDINAT	R GRASPING THE DEVICE. ARE TO BE SATIN CHROME, STAINLESS ST NGES, KICK PLATES TO BE US32D, INTERIO DER COAT TO MATCH. ARE TO BE AS SPECIFIED OR APPROVED E ARE BASED ON BEST CYLINDRICAL GRAI ATE KEYING REQUIREMENTS WITH OWN S), SARGENT (10 LINE). KEY SYSTEM - PROV LEY SYSTEM), 5 MASTER KEYS, 3 CHANGE K CES ARE BASED ON PRECISION 2100 SERIES ON DUPRIN (98 SERIES) OSERS ARE BASED ON DORMA 8900 SERIES CTURERS: DORMA (8900 SERIES), LCN (4040 E, DOORS UP TO 3 FEET WIDE 4-1/2" X 4-1 ANTITY - 3 HINGES PER DOOR LEAF FOR	DE I (MORTISE LOCK FOR TOILETS WITH INDICATOR). ER. APPROVED MANUFACTURERS: BEST (9K3 SERIES), SCHLAGE FIDE MASTER SYSTEM (KEY INTO OWNER'S EXISTING SMALL LEYS PER CYLINDER. IS GRADE I. APPROVED MANUFACTURERS: PRECISION (2100) IS GRADE I. PROVIDE WITH FULL COVER. APPROVED DIXP SERIES). 1/2", DOORS WIDER THAN 3 FEET TO BE 5" X 4-1/2". DOORS UP TO 7'6". PROVIDE 4 HINGES FOR DOORS TALLER	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. DOOR FRAMES A. FURNISH AND INSTALL ALL DOOR FRAMES AS SHOWN ON THE DRAWINGS AND IN ACCORDANCE WITH FINAL SHOP DRAWINGS AND MANUFACTURER'S DATA AND INSTRUCTIONS. B. SUBMIT SHOP DRAWINGS FOR FABRICATION AND INSTALLATION OF FRAMES. INCLUDE DETAILS OF EACH FRAME TYPE, CONDITIONS AT OPENINGS, DETAILS OF CONSTRUCTION, LOCATION, AND INSTALLATION REQUIREMENTS OF FINISH HARDWARE AND REINFORCEMENTS, AND DETAILS OF JOINTS AND CONNECTIONS. SHOW ANCHORAGE AND ACCESSORY ITEMS. PROVIDE SCHEDULE OF FRAMES USING SAME REFERENCE FOR 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.			

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

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

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

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.

THRESHOLD.

SHALL HAVE FLUSH STOPS.

NOT FIT, CONTACT ARCHITECT.

J. SEE DOOR SCHEDULE FOR REQUIRED FIRE RATINGS.

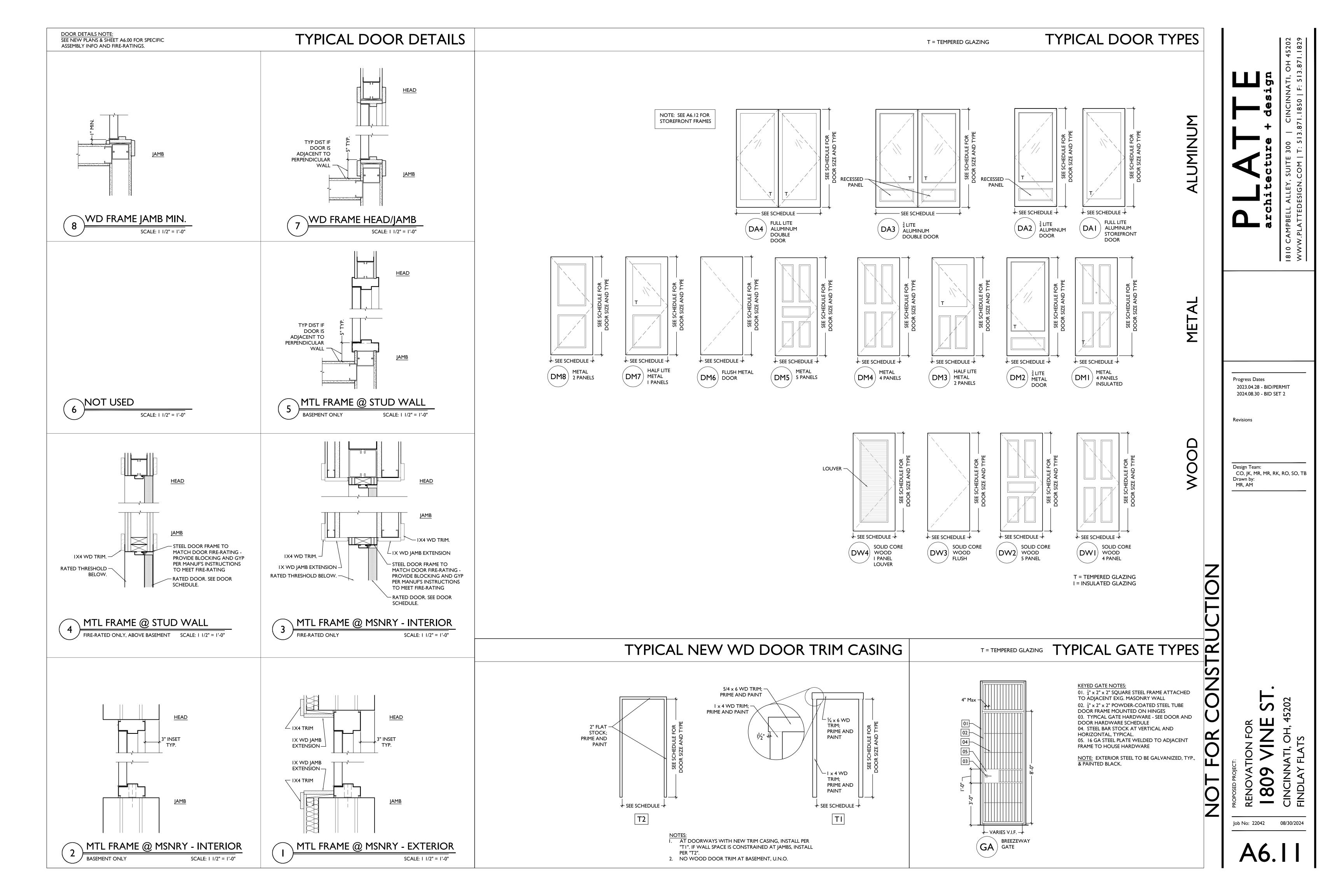
DOOR MAY FREELY MOVE ABOVE FINISH FLOOR MATERIAL.

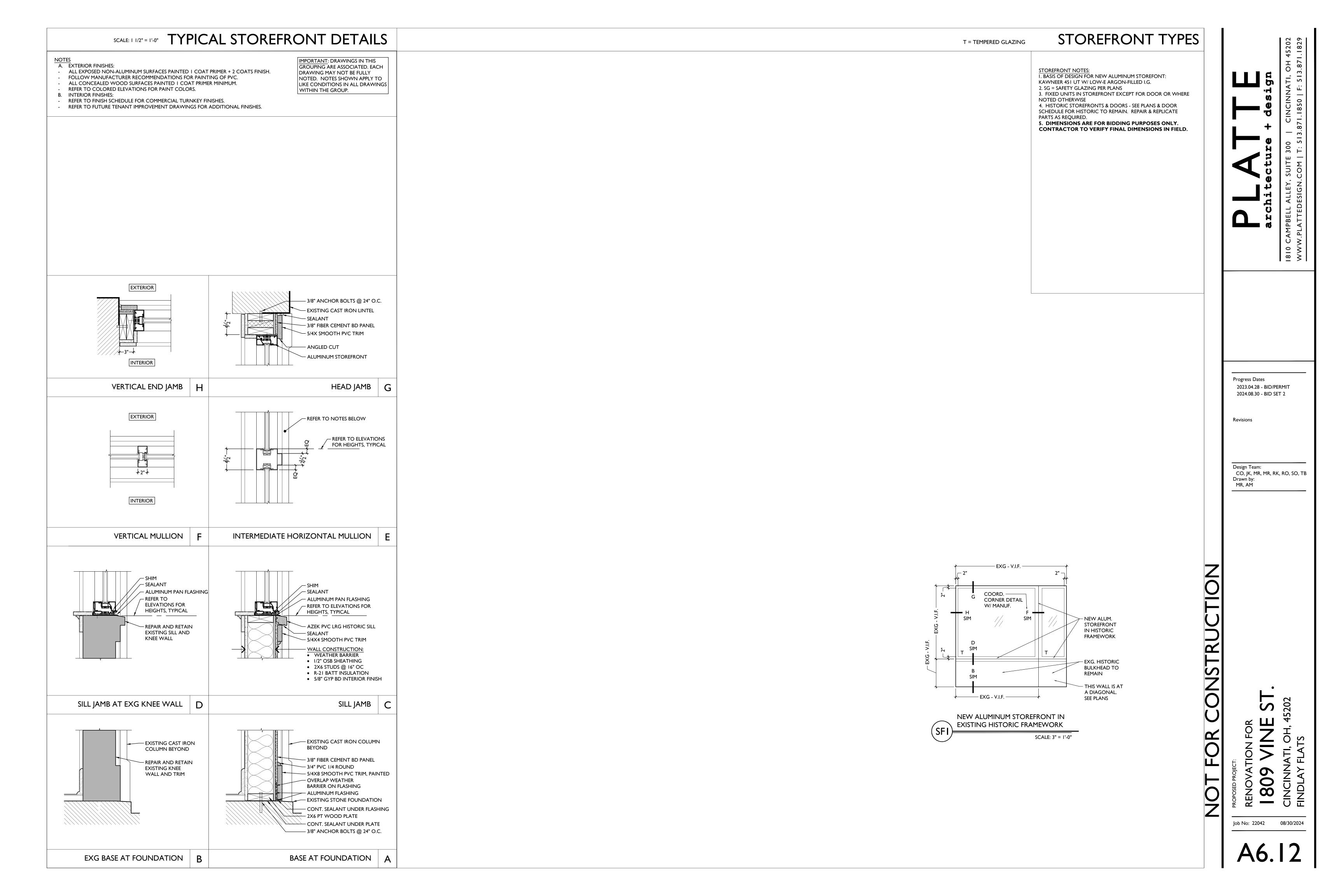
DOOR	I C C A LICON I LOCOR			FRAME			HDW	REMARKS			
NO.								工	22 22 23 23 24		
		WIDTH	HEIGHT	TYPE	FINISH	TYPE	TRANSM	FINISH	TYPE	RATING	NOTES
FIRST FL	OOR										
E01-1	EXTERIOR	3'-0"	8'-0"						G02		9
100-1	STAIR ENTRY	EXG OPG - V.I.F.	EXG OPG - V.I.F.	DM8	PT	FI	TR4	PT	HI0		IE
100-2	CORRIDOR	EXG	EXG	EXG	PT	FI		PT	H09		IB, 6
101-1	COMMERCIAL ENTRY	EXG	EXG	EXG	PT	FI		PT	H02		IA
101-2	BATHROOM	3'-0"	7'-0"	DWI	PT	F4		PT	H05		
101-3	REAR ENTRY	EXG OPG - V.I.F.	EXG OPG - V.I.F.	DM7	PT	F2		PT	H02		7
101-4	REAR ENTRY	EXG	EXG	EXG	PT	FI		PT	H02		IA, 7
101-5	REAR ENTRY	EXG	EXG	EXG	PT	FI		PT	H02		IA, 7
101-6	BASEMENT	EXG	EXG	EXG	PT	FI		PT	H06		IA, 4
SECOND	FLOOR					1		I	1		
200-I	CORRIDOR	EXG	EXG	EXG	PT	FI		PT	H09		IB, 6
201-1	UNIT ENTRY	EXG OPG - V.I.F.	EXG OPG - V.I.F.	DMI	PT	FI		PT	HR01	60 MIN	ID, IE
201-2	BEDROOM	2'-8"	7'-0"	DWI	PT	F5		PT	HR02		5
201-3	CLOSET	4'-4"	7'-0"	DWI	PT	F5		PT	HR04A		
201-4	BATHROOM	2'-6"	7'-0"	DWI	PT	F5		PT	HR02		5
201-5	CLOSET	EXG	EXG	DWI	PT	FI		PT	H0I		
201-6	CLOSET	2'-6"	7'-0"	DWI	PT	F5		PT	HR04		
201-7	BEDROOM	2'-8"	7'-0"	DWI	PT	F5		PT	HR02		5
201-8	CLOSET	5'-0"	7'-0"	DWI	PT	F5		PT	HR04A		
201-9	BATHROOM	2'-6"	7'-0"	DWI	PT	F5		PT	HR02		5
201-10	LAUNDRY	2'-8"	7'-0"	DWI	PT	F5		PT	HR04		4
201-11	MECHANICAL	2'-6"	7'-0"	DWI	PT	F5		PT	HR03		
201-12	EXTERIOR	EXG	EXG	EXG	PT	FI	TR4	PT	H09		IB, 2, 6
301-1	UNIT ENTRY	EXG OPG - V.I.F.	EXG OPG - V.I.F.	DMI	PT	FI		PT	HR01	60 MIN	ID, IE
301-2	BATHROOM	EXG OPG - V.I.F.	EXG OPG - V.I.F.	DWI	PT	FI		PT	HR02		ID, IE, 5
301-3	MECHANICAL	2'-8"	7'-0"	DWI	PT	F5		PT	HR03		
301-4	LAUNDRY	4'-4"	7'-0"	DWI	PT	F5		PT	HR04A		4
301-5	BEDROOM	2'-6"	7'-0"	DWI	PT	F5		PT	HR02		5
301-6	CLOSET	5'-0"	7'-0"	DWI	PT	F5		PT	HR04A		
301-7	CLOSET	EXG	EXG	EXG	PT	EXG		PT	HR04		

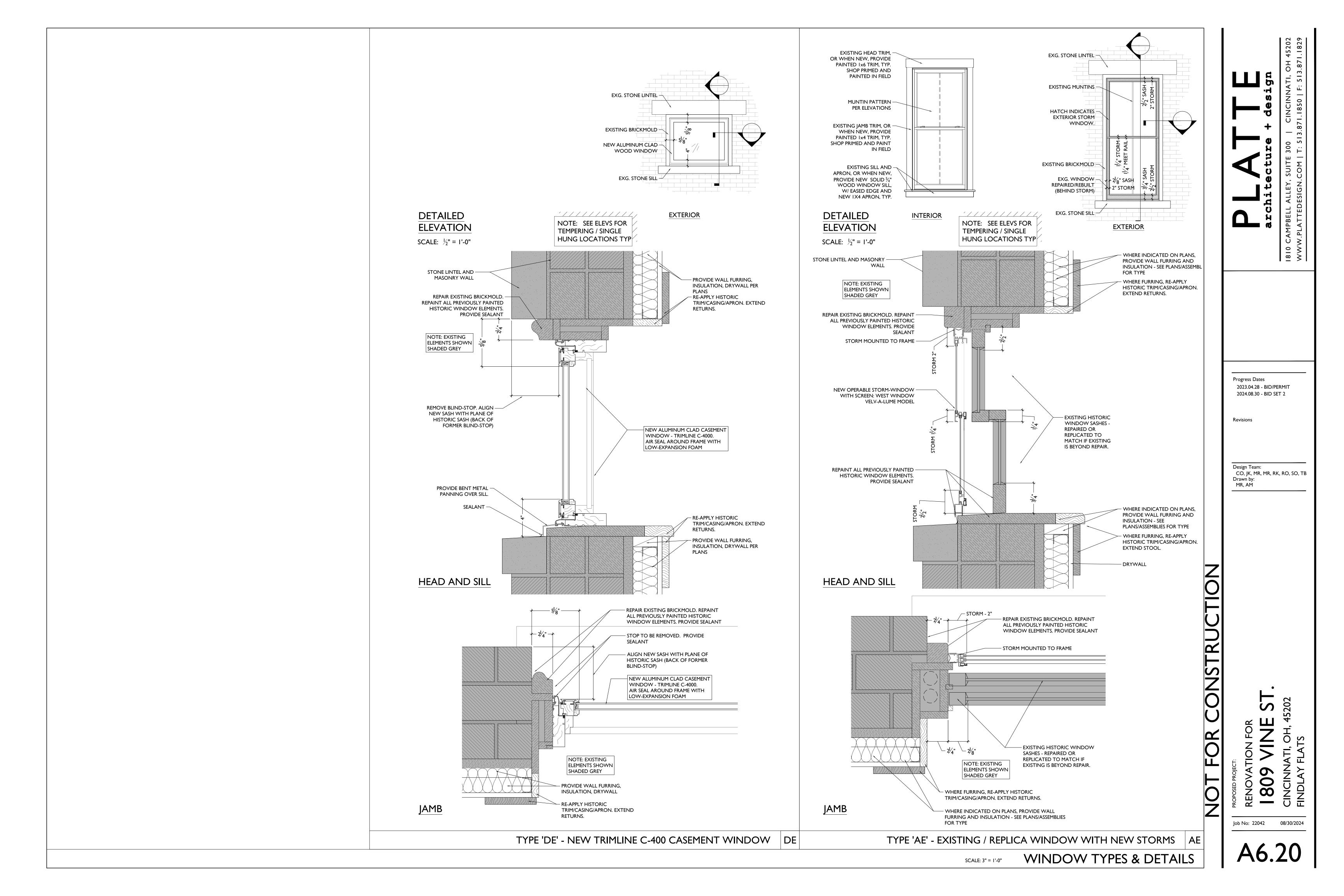
2023.04.28 - BID/PERMIT 2024.08.30 - BID SET 2

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

Job No: 22042 08/30/2024













EPT-4 STOREFRONT DETAILS

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

Job No: 22042 08/30/2024

GENERAL STRUCTURAL NOTES

DESIGN LOADS

- 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
- F. THERMAL FACTOR, $C_t = 1.0$
- G. COORDINATE ROOF FRAMING WITH FINAL SELECTION OF ROOF SUPPORTED MECHANICAL EQUIPMENT AND ASSOCIATED OPENINGS. ITEMS TO BE COORDINATED INCLUDE SIZE, LOCATION, TOTAL WEIGHT WEIGHT DISTRIBUTION, AND SUPPORT FRAME REQUIREMENTS.

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

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- 1. CONTRACTOR SHALL SUBMIT ALL SUBSTITUTIONS FOR APPROVAL PRIOR TO CONSTRUCTION WITH THE FOLLOWING INFORMATION:
- A. THE SCOPE, EXTENT, AND ALL LOCATIONS AFFECTED BY THE PROPOSED SUBSTITUTION.
- B. SPECIFIC DRAWING OR SPECIFICATION REFERENCES FOR THE ORIGINAL PRODUCT OR SYSTEM SPECIFIED.
- C. THE REASON FOR THE PROPOSED CHANGE.
- D. COST SAVINGS AND/OR IMPACT ON THE SCHEDULE
- E. IMPACT ON ANY GUARANTEES OR WARRANTIES ASSOCIATED WITH THE PRODUCT OR SYSTEM.
- F. COORDINATION REQUIRED WITH OTHER TRADES OR ADJACENT MATERIALS
- G. ANY AND ALL DEVIATIONS FROM THE SPECIFIED REQUIREMENTS.
- 2. 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.
- B. 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 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.

- 3. 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
- A. THE CONTRACTOR MUST USE DUE DILIGENCE IN ATTEMPTING TO FIND
- 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

DOCUMENTS. OR IS AMBIGUOUS.

ANY ANSWER PRIOR TO SUBMITTING AN RFI.

- 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.
- 8. 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

- SOIL CONDITIONS:
- A. PER THE CLIENT'S REQUEST, THE FOUNDATION DESIGN AND GENERAL FOUNDATION NOTES ARE BASED ON THE ASSUMPTION OF FAVORABLE SOIL CONDITIONS.
- 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

CONCRETE

- 1. CONCRETE WORK AND TESTING SHALL CONFORM TO ALL REQUIREMENTS OF ACI 301, "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS", EXCEPT AS MODIFIED BY THE SUPPLEMENTAL REQUIREMENTS BELOW. REPORTS FROM TESTS REQUIRED BY SECTION 1.6 OF ACI 301 SHALL BE SUBMITTED TO STRUCTURAL ENGINEER, ARCHITECT, OWNER, CONTRACTOR, CONCRETE SUPPLIER, AND BUILDING OFFICIAL.
- 2. CONCRETE WORK IN COLD WEATHER SHALL CONFORM TO ALL REQUIREMENTS OF ACI 306.1 "STANDARD SPECIFICATION FOR COLD WEATHER CONCRETING" AND ACI 306R "COLD WEATHER CONCRETING"
- 3. CONCRETE WORK IN HOT WEATHER SHALL CONFORM TO ALL REQUIREMENTS OF ACI 305R "HOT WEATHER CONCRETING". THE AIR TEMPERATURE, RELATIVE HUMIDITY, CONCRETE TEMPERATURE, AND WIND VELOCITY SHALL BE ENTERED INTO THE NOMOGRAPH OF THIS REFERENCE TO DETERMINE IF PRECAUTIONS AGAINST PLASTIC SHRINKAGE ARE
- 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

- 1. 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. ALI 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.
- 3. NAIL SIZES AS CALLED OUT IN THE STRUCTURAL DRAWINGS AND FOR SIMPSON CONNECTORS ARE LISTED BELOW. NAIL GUN NAILS SHALL MEET DIAMETER AND LENGTH OF NAILS LISTED BELOW, OR ELSE NAILS SHALL BE DRIVEN WITH A HAMMER.
- A. 6d NAILS ARE 0.120"Ø x 1¾" LONG (MIN 3/8" HEAD)
- B. 8d NAILS ARE 0.131"Ø x 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
- B. WHEN FASTENING TO A SINGLE PLY $1^{\prime}\!\!2$ " OR $1^{\prime}\!\!4$ " MEMBER, $1^{\prime}\!\!2$ " 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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JENKINS

Design Team: KCJ / SJ

Date: 04/28/2023

= Non Shrink Not to Scale On Center

Live Load

= Maximum

Mechanical

= Micro Laminated

= Minimum

Step Wall

Long Leg Horizontal

= Laminated Veneer Lumber

Long Leg Vertical = Laminated Strand Lumber

 Powder Actuated Fastener = Piece Pre-Engineered Metal Building = Plate = Pounds Per Square Foot

= Roof Drain = Reinforcement = Roof Top Unit Self Drilling Screw Step Footing

Solid Bearing = Schedule Similar = Steel Secondary Roof Drain = Top Of Footing = Tube Steel Typical = Unless Noted Otherwise Vertical

Welded Wire Fabic

= Kips Per Square Foot Wide Flange = Pounds = Work Point NOT ALL ABBREVIATIONS APPLY. INCLUDED FOR REFERENCE ONLY.

TYPICAL ABBREVIATION LIST

NTS

SDS

SCH

STL

T/FTG

WWF

= Alternate Each Face

= Bottom of Footing

= Bottom of Deck

Cast In Place

Control Joint

= Center Line

= Concrete

= Continuous

Dead Load

= Drawings

= Elevation

Engineer

= Each Way

= Each Face

= Existing

= Exterior

= Footing

= Gauge

= Foundation

Galvanized

Granular

Horizontal

= General Contractor

= Hold Down Anchor

= Hollow Structural Section

= Expansion Joint

= Embedment

= Equal Distance

= Concrete Masonry Unit

= Architect

Building

ARCH

BLDG

BM

B/FTG

BRG

CLR

CMU

CONC

CONT

ENGR

EXT

FTG

FND

GRAN

HD

HORZ

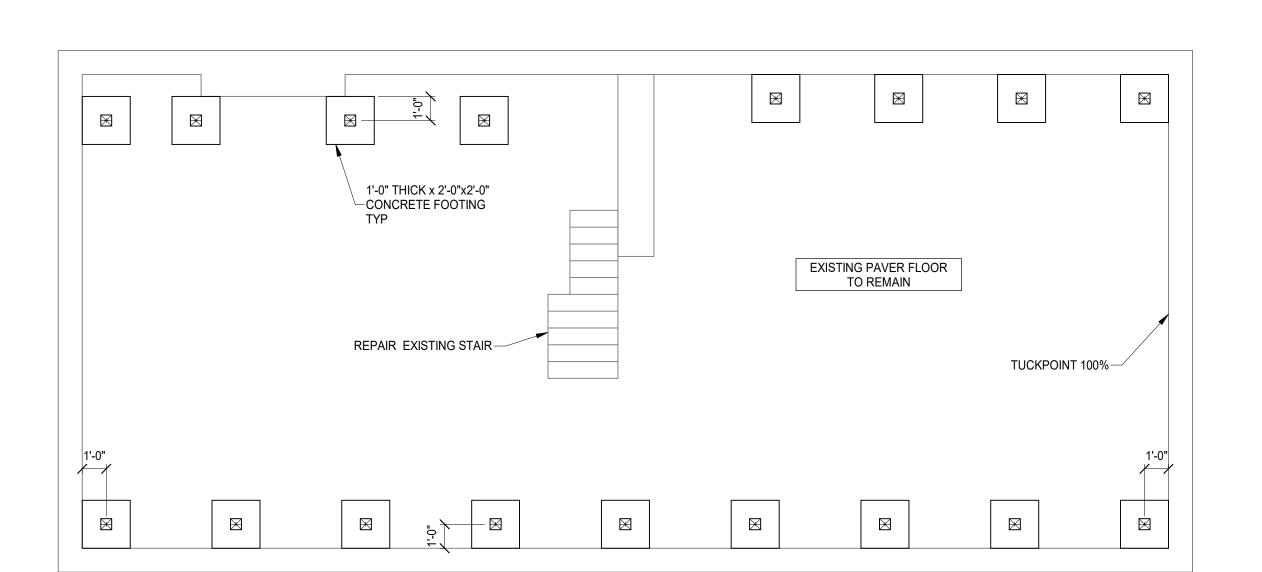
B/DECK

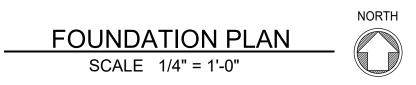
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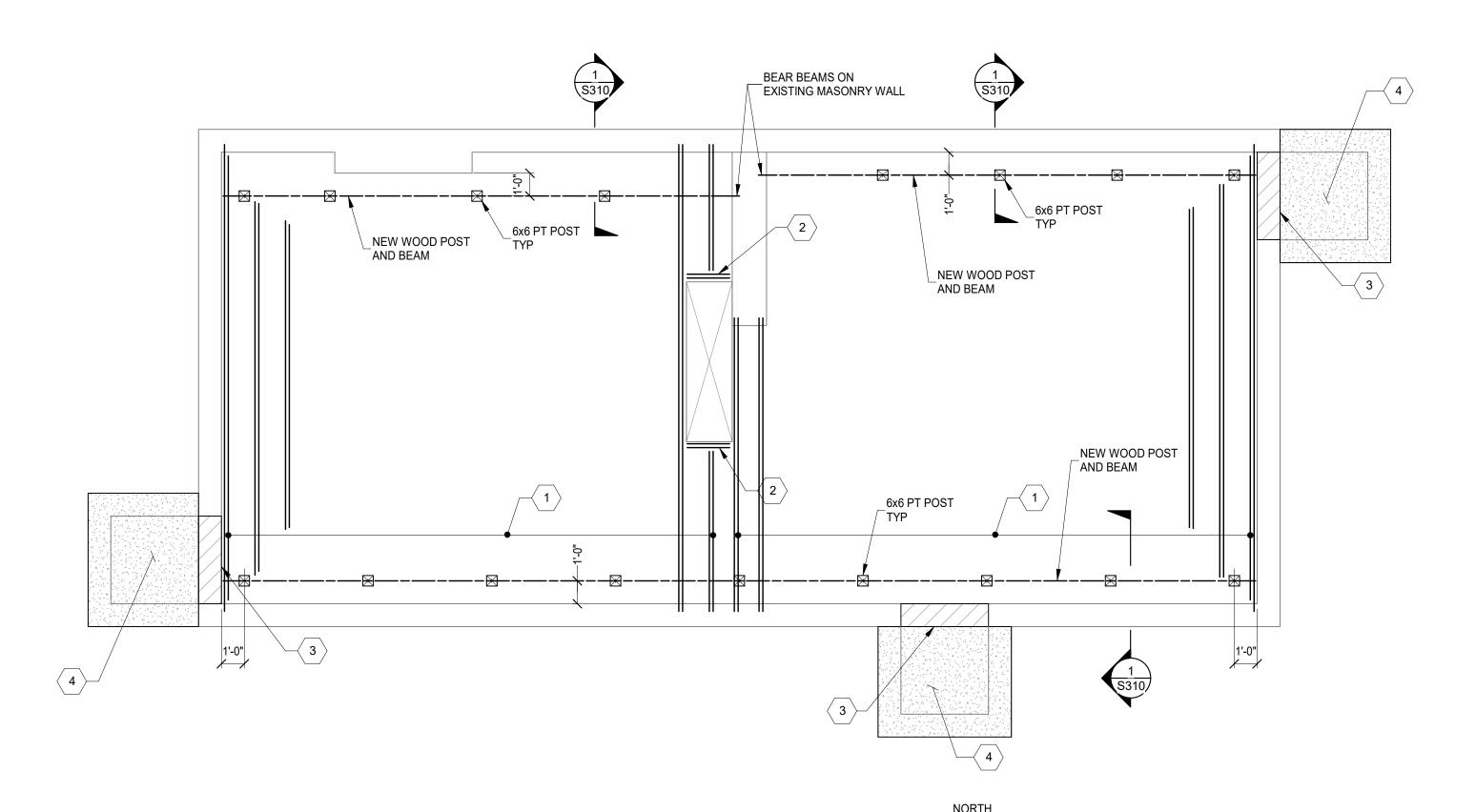
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PLAN NOTES:

- 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.
- FIELD VERIFY ALL EXISTING CONDITIONS, NOTIFY ADVANTAGE GROUP ENGINEERS OF ANY DESCREPANCIES.
- 8. SWS = STRUCTURAL WOOD SCREW. ALLOWABLE SCREWS ARE 1/4" SIMPSON SDS, 1/4" SPAX POWERLAGS OR 1/4" FASTEN MASTER LEDGER LOK.
- 9. FASTEN SISTERS WITH 1/4"x3" SWS @ 24"o.c. STAGGERED UNLESS NOTED OTHERWISE.



1ST FLOOR FRAMING PLAN

- 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.
- 6. REPAIR AND TUCKPOINT INTERIOR MASONRY PER THE GENERAL NOTES.



- (1) REMOVE EXISTING FRAMING AND SHEATHING. PROVIDE NEW (2) 2x12 P.T. JOISTS AT 12" o.c.
- NEW (2) 2x12 HEADER w/ LUS210-2 HANGERS TO BEAMS, BEAR ON MASONRY WALL WHERE APPLICABLE. HANG JOISTS TO HEADER w/ LUS28 HANGERS.
- INFILL EX OPENING WITH SOLID CMU OR HOLLOW CMU, GROUTED SOLID, TO MATCH WALL THICKNESS ABOVE. ⟨ 3 ⟩ 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.
- 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.
- PROVIDE NEW (2) 2x12 HEADER w/ (2) 2x4 BEARING STUDS & (1) 2x4 FULL HEIGHT STUD AT EACH END. PROVIDE FULL DEPTH BLOCKING BELOW BEARING STUDS TO MASONRY WALL IN BASEMENT, IF THERE IS A VOID.
- EXISTING ORIGINAL DOUBLE JOIST CUT FOR CONSTUCTION OF STAIR. EXISTING STUD WALL SHALL IS UTILIZED AS A
- (8) CUT EXISTING NOTCHED JOISTS AT STAIR OPENING, HANG TO NEW (2) 2x12 HEADER w/ LUS28R
- NEW 1-3/4"x11-7/8" LVL SISTER, BOTH ENDS SHALL BE WITHIN 2" OF WALL w/ (4) 1/4"x3-1/2" SWS AT EACH END. FASTEN ALONG LENGTH w/ (2) 1/4"x3-1/2" SWS @ 24" o.c.
- \langle 10 angle $\,$ JACK UP EXISTING HEADER AND STAIRS. REPAIR PER PLAN DETAIL.
- CUT EXISTING JOISTS AT STAIR OPENING, AND PROVIDE (1) 2x12 HEADER w/ SIMPSON ML28Z ANGLE EACH END. HANG EXISTING JOISTS TO HEADER w/ LUS28R-18 HANGERS.
- (12) NEW 2x12 SISTER HANG TO BEAM w/ ML26Z. NORTH END WITHIN 2" OF MASONRY WALL, w/ (4) 1/4"x3" SWS.
- (13) NEW 2x4 STUD WALL w/ (2) 2x8 HEADER, w/ (1) CRIPPLE AND (1) FULL HEIGHT STUD.
 - NEW 2x12x10' END SISTER, BEARING ON MASONRY WALL. SEE TYPICAL DETAIL.
- REMOVE BRICK HEARTH AND PROVIDE (2) 2x12 P.T. JOISTS AND NEW APA RATED SHEATHING. L70 ANGLES EACH END OF
- \langle 16 \rangle 2x12x12' END SISTER EACH SIDE OF EXISTING DOUBLE, BEAR ON MASONRY WALL. SEE TYPICAL DETAIL.
- INFILL EXISTING OPENING WITH NEW SOLID CMU AT INNER WYTHES, 4" CMU FOR (2) WYTHE WALLS AND 8" CMU FOR (3) WYTHE WALLS. INFILL EXTERIOR WYTHE WITH EXTERIOR BRICK, APPEARANCE TO MATCH EXISTING. REMOVE INTERIOR WOOD LINTELS AND SILLS, CMU AND BRICK TO BE MORTARED TIGHT TO EXISTIGN MASONRY WALL (4) SIDES. REMOVE
- EXISTING WOOD JAMB BLOCKS AND TOOTH INFILL MASONRY INTO EXISTING MASONRY ALONG VERTICAL EDGES. \langle 18 \rangle IN HATCHED AREA, REMOVE EX SHEATHING AND REPLACE WITH APA RATED SHEATHING.
- REMOVE EXISTING ROTTED JOIST. PROVIDE NEW 2x12 LEDGER, ANCHOR TO WALL w/ 1/2" GALVANIZED THREADED RODS w/
- HILTI HIT-HY 270 ADHESIVE, @ 32" o.c., 6" MINIMUM EMBEDMENT. REPAIR MASONRY JAMB. REMOVE ALL WOOD AND BROKEN MASONRY. REPLACE WITH NEW MASONRY TO CREATE A
- SQUARE JAMB. TUCK POINT DETERIORATED MORTAR JOINTS.
- \langle 21 angle NEW 2x12 SISTERS TO EACH EXISTING JOIST. REMOVE EXISTING SHEATHING AND PROVIDE NEW APA RATED SHEATHING.
- \langle 22 \rangle NEW STAR PLATE AND WALL TIE, SEE TYPICAL DETAILS.
- NEW 1-3/4"x11-1/4" LVL SISTER, BOTH ENDS SHALL BE WITHIN 2" OF WALL w/ (4) 1/4"x3-1/2" SWS AT EACH END. FASTEN 23 ALONG LENGTH w/ (2) 1/2"x3-1/2" SWS @ 24" o.c. WHERE APPLICABLE, CUT EXISTING HEADER AND CONTINUE SISTER PAST
- HEADER, CONNECT SISTER w/ (4) 1/4"x3-1/2" SWS AT EX JOIST END WHERE IT CONNECTS TO HEADER. REMOVE EXISTING ROOF AND CEILING FRAMING AND SHEATHING. PROVIDE NEW 2x10 RAFTERS @ 16" o.c., NEW 2x8 CEILING
- JOISTS @ 16" o.c. AND NEW APA RATED SHEATHING. REMOVE EXISTING WALL. NEW 2x6 WALL w/ 2x6 @ 16"o.c., (2) 2x10 HEADERS w/ (2) BEARING STUDS AND (1) FULL HEIGHT STUD EACH END.
- REBUILD MASONRY WALL BELOW WINDOW, ALL WYTHES. TOOTH VERTICAL SIDES OF REBUILD INTO EXISTING MASONRY TO REMAIN.
- \langle 27 \rangle REPLACE INTERIOR AND EXTERIOR LINTELS PER TYPICAL DETAIL.
- \langle 28 \rangle REMOVE EXTERIOR WYTHE STONE LINTEL AND REPLACE WITH PRECAST CAST STONE LINTEL WITH #4 TOP AND BOTTOM.
- \langle 29 \rangle 1 3/4" x 5 1/2" LVL SISTER. BEAR EACH END.
- \langle 30 \rangle TUCKPOINT INTERIOR WYTHE OF BRICK. REPAIR AS NEEDED.
- \langle 31 \rangle REPLACE INTERIOR WYTHE LINTEL PER TYPICAL DETAIL.
- (32) (2) 1 3/4"x9 1/4" LVL SISTER (1) EACH SIDE OF BEAM, END 2" FROM WALL WITH (4) 1/4"x 3 1/2" SWS EACH END.
- (33) REMOVE EXISTING RAFTERS AND SHEATHING. PROVIDE NEW (2) 2x8 RAFTERS @ 24"o.c. AND NEW APA RATED SHEATHING.
- (34) REMOVE EXISTING CHIMNEYS 4 FT BELOW ROOF.
- \langle 35 \rangle NEW STEEL POST ABOVE (CONNECTED TO RAFTERS PER DETAILS.
- NEW 4x4 POST BELOW RAFTERS TO TOP OF WALL, AT MECHANICAL PLATFORM SUPPORT. PROVIDE (2) 2x8 HEADER WITH (2) 2x4
- CRIPPLES AT DOOR.
- \langle 37 \rangle NEW (2) 2x8 HEADER WITH LUS26 EACH END.
- EXISTING FIRE ESCAPE EVALUATION NOT IN SCOPE. EXISTING BRACKET THRU WALL TIES ARE CORRODED AND SHALL BE REPAIRED PRIOR INTERIOR FINISHES. hAVE FIRE ESCAPE EVALUATED AND REPAIRED PER CITY OF CINCINNATIFIRE ESCAPE INSPECTION REPORT REQUIREMENTS.
- (39) REMOVE EXISTING WEIGHT AND PULLEY SYSTEM.

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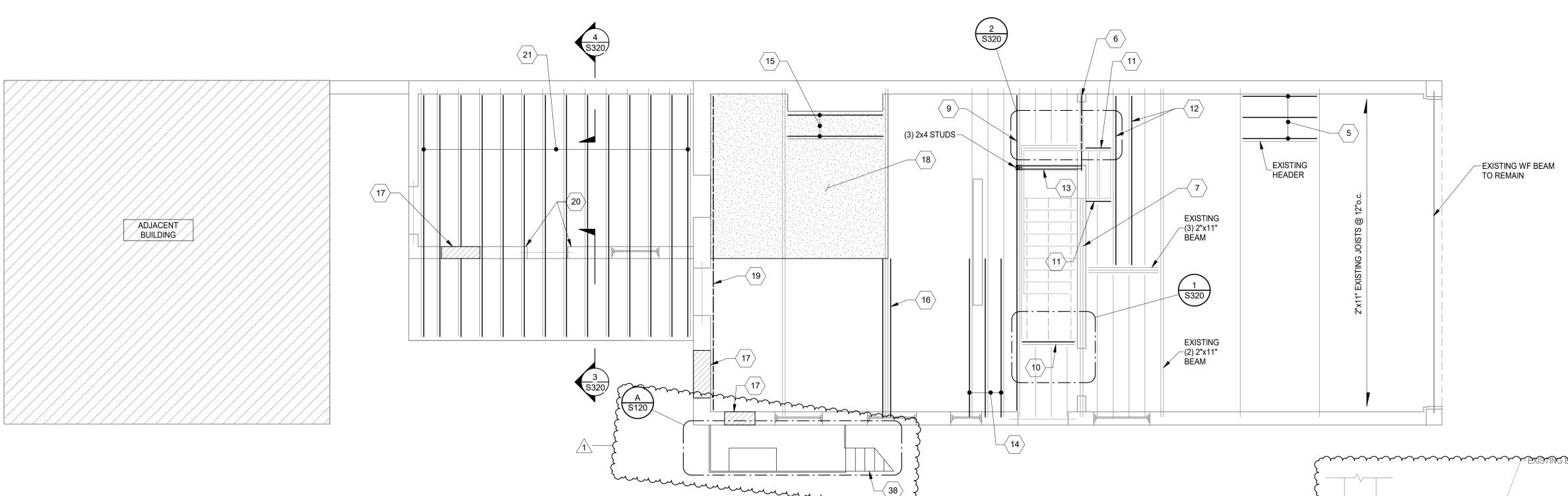
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Date: 04/28/2023

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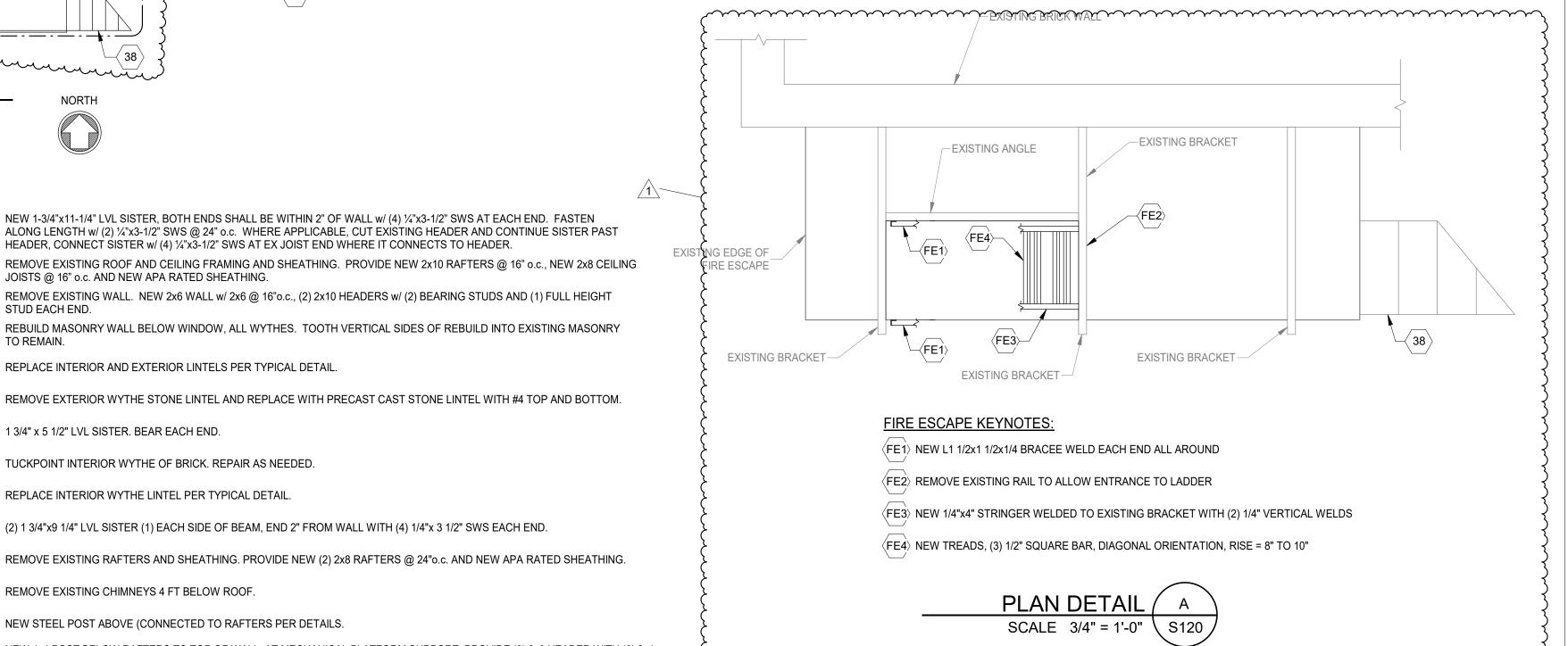


2ND FLOOR FRAMING PLAN SCALE 1/4" = 1'-0"

PROJECT KEYNOTES:

- REMOVE EXISTING FRAMING AND SHEATHING. PROVIDE NEW (2) 2x12 P.T. JOISTS AT 12" o.c.
- NEW (2) 2x12 HEADER w/ LUS210-2 HANGERS TO BEAMS, BEAR ON MASONRY WALL WHERE APPLICABLE. HANG JOISTS TO HEADER w/ LUS28 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.
- 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.
- PROVIDE NEW (2) 2x12 HEADER w/ (2) 2x4 BEARING STUDS & (1) 2x4 FULL HEIGHT STUD AT EACH END. PROVIDE FULL DEPTH BLOCKING BELOW BEARING STUDS TO MASONRY WALL IN BASEMENT, IF THERE IS A VOID. EXISTING ORIGINAL DOUBLE JOIST CUT FOR CONSTUCTION OF STAIR. EXISTNG STUD WALL SHALL IS UTILIZED AS A
- CUT EXISTING NOTCHED JOISTS AT STAIR OPENING, HANG TO NEW (2) 2x12 HEADER w/ LUS28R
- NEW 1-3/4"x11-7/8" LVL SISTER, BOTH ENDS SHALL BE WITHIN 2" OF WALL w/ (4) 1/4"x3-1/2" SWS AT EACH END. FASTEN ALONG LENGTH w/ (2) 1/4"x3-1/2" SWS @ 24" o.c.
- \langle 10 \rangle JACK UP EXISTING HEADER AND STAIRS. REPAIR PER PLAN DETAIL.
- CUT EXISTING JOISTS AT STAIR OPENING, AND PROVIDE (1) 2x12 HEADER w/ SIMPSON ML28Z ANGLE EACH END. HANG EXISTING JOISTS TO HEADER w/ LUS28R-18 HANGERS.
- \langle 12 \rangle NEW 2x12 SISTER HANG TO BEAM w/ ML26Z. NORTH END WITHIN 2" OF MASONRY WALL, w/ (4) 1/4"x3" SWS.
- (13) NEW 2x4 STUD WALL w/ (2) 2x8 HEADER, w/ (1) CRIPPLE AND (1) FULL HEIGHT STUD.
- NEW 2x12x10' END SISTER, BEARING ON MASONRY WALL. SEE TYPICAL DETAIL.
- REMOVE BRICK HEARTH AND PROVIDE (2) 2x12 P.T. JOISTS AND NEW APA RATED SHEATHING. L70 ANGLES EACH END OF
- \langle 16 \rangle 2x12x12' END SISTER EACH SIDE OF EXISTING DOUBLE, BEAR ON MASONRY WALL. SEE TYPICAL DETAIL.
- INFILL EXISTING OPENING WITH NEW SOLID CMU AT INNER WYTHES, 4" CMU FOR (2) WYTHE WALLS AND 8" CMU FOR (3) WYTHE WALLS. INFILL EXTERIOR WYTHE WITH EXTERIOR BRICK, APPEARANCE TO MATCH EXISTING. REMOVE INTERIOR WOOD LINTELS AND SILLS, CMU AND BRICK TO BE MORTARED TIGHT TO EXISTIGN MASONRY WALL (4) SIDES. REMOVE EXISTING WOOD JAMB BLOCKS AND TOOTH INFILL MASONRY INTO EXISTING MASONRY ALONG VERTICAL EDGES.
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- \langle 22 \rangle NEW STAR PLATE AND WALL TIE, SEE TYPICAL DETAILS.

- NEW 1-3/4"x11-1/4" LVL SISTER, BOTH ENDS SHALL BE WITHIN 2" OF WALL w/ (4) 1/4"x3-1/2" SWS AT EACH END. FASTEN (23) ALONG LENGTH w/ (2) 1/4"x3-1/2" SWS @ 24" o.c. WHERE APPLICABLE, CUT EXISTING HEADER AND CONTINUE SISTER PAST HEADER, CONNECT SISTER w/ (4) 1/4"x3-1/2" SWS AT EX JOIST END WHERE IT CONNECTS TO HEADER.
- JOISTS @ 16" o.c. AND NEW APA RATED SHEATHING.
- REMOVE EXISTING V STUD EACH END. REMOVE EXISTING WALL. NEW 2x6 WALL w/ 2x6 @ 16"o.c., (2) 2x10 HEADERS w/ (2) BEARING STUDS AND (1) FULL HEIGHT
- REBUILD MASONRY WALL BELOW WINDOW, ALL WYTHES. TOOTH VERTICAL SIDES OF REBUILD INTO EXISTING MASONRY TO REMAIN.
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- \langle 33 \rangle REMOVE EXISTING RAFTERS AND SHEATHING. PROVIDE NEW (2) 2x8 RAFTERS @ 24"o.c. AND NEW APA RATED SHEATHING.
- (34) REMOVE EXISTING CHIMNEYS 4 FT BELOW ROOF.
- (35) NEW STEEL POST ABOVE (CONNECTED TO RAFTERS PER DETAILS.
- NEW 4x4 POST BELOW RAFTERS TO TOP OF WALL, AT MECHANICAL PLATFORM SUPPORT. PROVIDE (2) 2x8 HEADER WITH (2) 2x4 CRIPPLES AT DOOR.
- \langle 37 \rangle NEW (2) 2x8 HEADER WITH LUS26 EACH END.
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- \langle 39 \rangle REMOVE EXISTING WEIGHT AND PULLEY SYSTEM.



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.

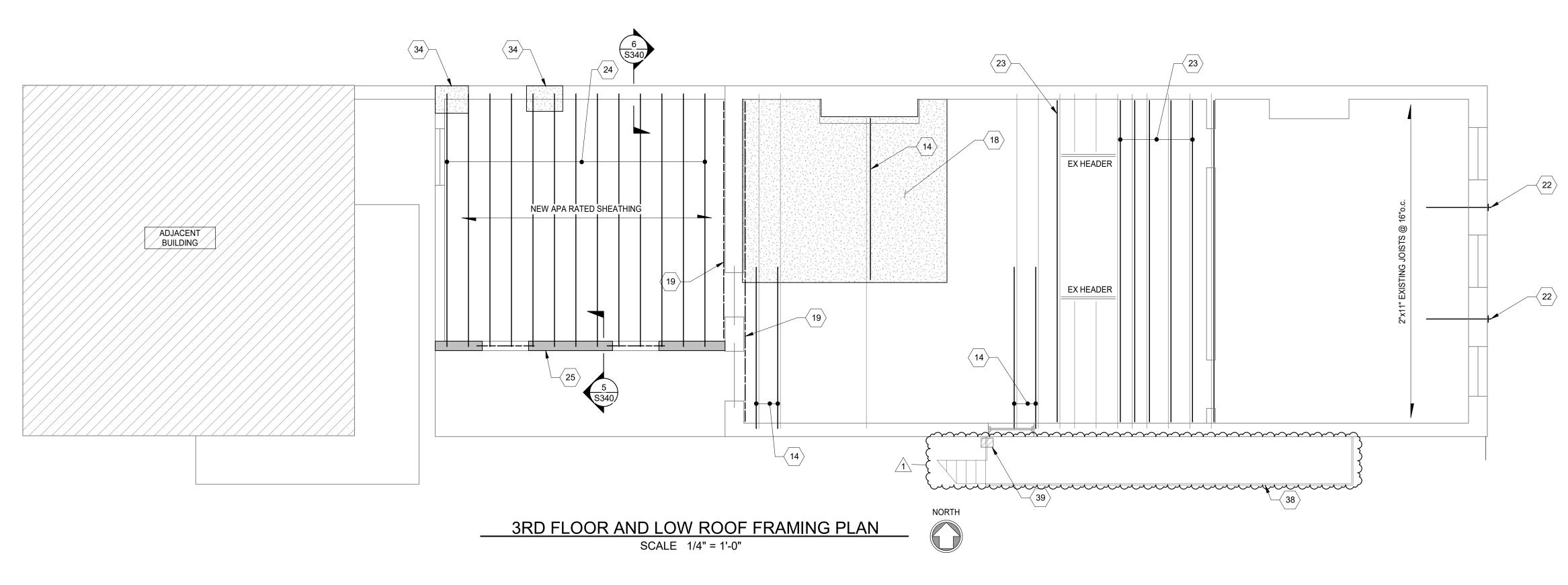
- 3. LUMBER AT 1ST FLOOR AND BASEMENT SHALL BE PRESSURE TREATED.
- 4. WOOD LINTELS AT OPENINGS IN MASONRY WALLS WHERE ROTTED SHALL BE REPLACED WITH A STEEL HSS4x4x3/8 (GALVANIZED) LINTEL AT EACH 4" WYTHE. ALTERNATIVELY USE A 4"x8" PRECAST CONCRETE LINTEL WITH #5 TOP AND BOTTOM EACH 4" WYTHE, OR AN L4x3-1/2x5/16" 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.
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- 8. SWS = STRUCTURAL WOOD SCREW. ALLOWABLE SCREWS ARE 1/4" SIMPSON SDS, 1/4" SPAX POWERLAGS OR 1/4" FASTEN MASTER LEDGER LOK.
- 9. FASTEN SISTERS WITH 1/4"x3" SWS @ 24"o.c. STAGGERED UNLESS NOTED OTHERWISE.

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PROJECT KEYNOTES:

- REMOVE EXISTING FRAMING AND SHEATHING. PROVIDE NEW (2) 2x12 P.T. JOISTS AT 12" o.c.
- NEW (2) 2x12 HEADER w/ LUS210-2 HANGERS TO BEAMS, BEAR ON MASONRY WALL WHERE APPLICABLE. HANG JOISTS TO
- 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.
- 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.
- PROVIDE NEW (2) 2x12 HEADER w/ (2) 2x4 BEARING STUDS & (1) 2x4 FULL HEIGHT STUD AT EACH END. PROVIDE FULL DEPTH BLOCKING BELOW BEARING STUDS TO MASONRY WALL IN BASEMENT, IF THERE IS A VOID.
- EXISTING ORIGINAL DOUBLE JOIST CUT FOR CONSTUCTION OF STAIR. EXISTNG STUD WALL SHALL IS UTILIZED AS A BEARING WALL.
- (8) CUT EXISTING NOTCHED JOISTS AT STAIR OPENING, HANG TO NEW (2) 2x12 HEADER w/ LUS28R
- NEW 1-3/4"x11-7/8" LVL SISTER, BOTH ENDS SHALL BE WITHIN 2" OF WALL w/ (4) 1/4"x3-1/2" SWS AT EACH END. FASTEN ALONG LENGTH w/ (2) 1/4"x3-1/2" SWS @ 24" o.c.
- ig(10ig) JACK UP EXISTING HEADER AND STAIRS. REPAIR PER PLAN DETAIL.
- CUT EXISTING JOISTS AT STAIR OPENING, AND PROVIDE (1) 2x12 HEADER w/ SIMPSON ML28Z ANGLE EACH END. HANG EXISTING JOISTS TO HEADER w/ LUS28R-18 HANGERS.
- (12) NEW 2x12 SISTER HANG TO BEAM w/ ML26Z. NORTH END WITHIN 2" OF MASONRY WALL, w/ (4) 1/4"x3" SWS.
- \langle 13 angle NEW 2x4 STUD WALL w/ (2) 2x8 HEADER, w/ (1) CRIPPLE AND (1) FULL HEIGHT STUD.
- NEW 2x12x10' END SISTER, BEARING ON MASONRY WALL. SEE TYPICAL DETAIL.
- REMOVE BRICK HEARTH AND PROVIDE (2) 2x12 P.T. JOISTS AND NEW APA RATED SHEATHING. L70 ANGLES EACH END OF
- ig(16 ig> $\,$ 2x12x12' END SISTER EACH SIDE OF EXISTING DOUBLE, BEAR ON MASONRY WALL. SEE TYPICAL DETAIL.
- INFILL EXISTING OPENING WITH NEW SOLID CMU AT INNER WYTHES, 4" CMU FOR (2) WYTHE WALLS AND 8" CMU FOR (3) WYTHE WALLS. INFILL EXTERIOR WYTHE WITH EXTERIOR BRICK, APPEARANCE TO MATCH EXISTING. REMOVE INTERIOR WOOD LINTELS AND SILLS, CMU AND BRICK TO BE MORTARED TIGHT TO EXISTIGN MASONRY WALL (4) SIDES. REMOVE EXISTING WOOD JAMB BLOCKS AND TOOTH INFILL MASONRY INTO EXISTING MASONRY ALONG VERTICAL EDGES.
- \langle 18 \rangle IN HATCHED AREA, REMOVE EX SHEATHING AND REPLACE WITH APA RATED SHEATHING.
- REMOVE EXISTING ROTTED JOIST. PROVIDE NEW 2x12 LEDGER, ANCHOR TO WALL w/ 1/2" GALVANIZED THREADED RODS w/ HILTI HIT-HY 270 ADHESIVE, @ 32" o.c., 6" MINIMUM EMBEDMENT.
- REPAIR MASONRY JAMB. REMOVE ALL WOOD AND BROKEN MASONRY. REPLACE WITH NEW MASONRY TO CREATE A
- SQUARE JAMB. TUCK POINT DETERIORATED MORTAR JOINTS. \langle 21 \rangle NEW 2x12 SISTERS TO EACH EXISTING JOIST. REMOVE EXISTING SHEATHING AND PROVIDE NEW APA RATED SHEATHING.
- \langle 22 angle NEW STAR PLATE AND WALL TIE, SEE TYPICAL DETAILS.

- NEW 1-3/4"x11-1/4" LVL SISTER, BOTH ENDS SHALL BE WITHIN 2" OF WALL w/ (4) 1/4"x3-1/2" SWS AT EACH END. FASTEN ⟨ 23 ⟩ ALONG LENGTH w/ (2) ¼"x3-1/2" SWS @ 24" o.c. WHERE APPLICABLE, CUT EXISTING HEADER AND CONTINUE SISTER PAST HEADER, CONNECT SISTER w/ (4) 1/2"x3-1/2" SWS AT EX JOIST END WHERE IT CONNECTS TO HEADER.
- REMOVE EXISTING ROOF AND CEILING FRAMING AND SHEATHING. PROVIDE NEW 2x10 RAFTERS @ 16" o.c., NEW 2x8 CEILING
- JOISTS @ 16" o.c. AND NEW APA RATED SHEATHING. REMOVE EXISTING WALL. NEW 2x6 WALL w/ 2x6 @ 16"o.c., (2) 2x10 HEADERS w/ (2) BEARING STUDS AND (1) FULL HEIGHT
- STUD EACH END.
- REBUILD MASONRY WALL BELOW WINDOW, ALL WYTHES. TOOTH VERTICAL SIDES OF REBUILD INTO EXISTING MASONRY
- (27) REPLACE INTERIOR AND EXTERIOR LINTELS PER TYPICAL DETAIL.
- (28) REMOVE EXTERIOR WYTHE STONE LINTEL AND REPLACE WITH PRECAST CAST STONE LINTEL WITH #4 TOP AND BOTTOM.
- $\langle 29 \rangle$ 1 3/4" x 5 1/2" LVL SISTER. BEAR EACH END.
- (30) TUCKPOINT INTERIOR WYTHE OF BRICK. REPAIR AS NEEDED.
- (31) REPLACE INTERIOR WYTHE LINTEL PER TYPICAL DETAIL.
- (32) (2) 1 3/4"x9 1/4" LVL SISTER (1) EACH SIDE OF BEAM, END 2" FROM WALL WITH (4) 1/4"x 3 1/2" SWS EACH END.
- (33) REMOVE EXISTING RAFTERS AND SHEATHING. PROVIDE NEW (2) 2x8 RAFTERS @ 24"o.c. AND NEW APA RATED SHEATHING.
- (34) REMOVE EXISTING CHIMNEYS 4 FT BELOW ROOF.
- \langle 35 \rangle NEW STEEL POST ABOVE (CONNECTED TO RAFTERS PER DETAILS.
- NEW 4x4 POST BELOW RAFTERS TO TOP OF WALL, AT MECHANICAL PLATFORM SUPPORT. PROVIDE (2) 2x8 HEADER WITH (2) 2x4 CRIPPLES AT DOOR.
- (37) NEW (2) 2x8 HEADER WITH LUS26 EACH END.
- EXISTING FIRE ESCAPE EVALUATION NOT IN SCOPE. EXISTING BRACKET THRU WALL TIES ARE CORRODED AND SHALL BE REPAIRED PRIOR INTERIOR FINISHES. hAVE FIRE ESCAPE EVALUATED AND REPAIRED PER CITY OF CINCINNATIFIRE ESCAPE INSPECTION REPORT REQUIREMENTS.

 \cdot \langle 39 angle REMOVE EXISTING WEIGHT AND PULLEY SYSTEM.

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

- 8. SWS = STRUCTURAL WOOD SCREW. ALLOWABLE SCREWS ARE 1/4" SIMPSON SDS, 1/4" SPAX POWERLAGS OR 1/4"
- 9. FASTEN SISTERS WITH 1/4"x3" SWS @ 24"o.c. STAGGERED UNLESS NOTED OTHERWISE.

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.

FASTEN MASTER LEDGER LOK.

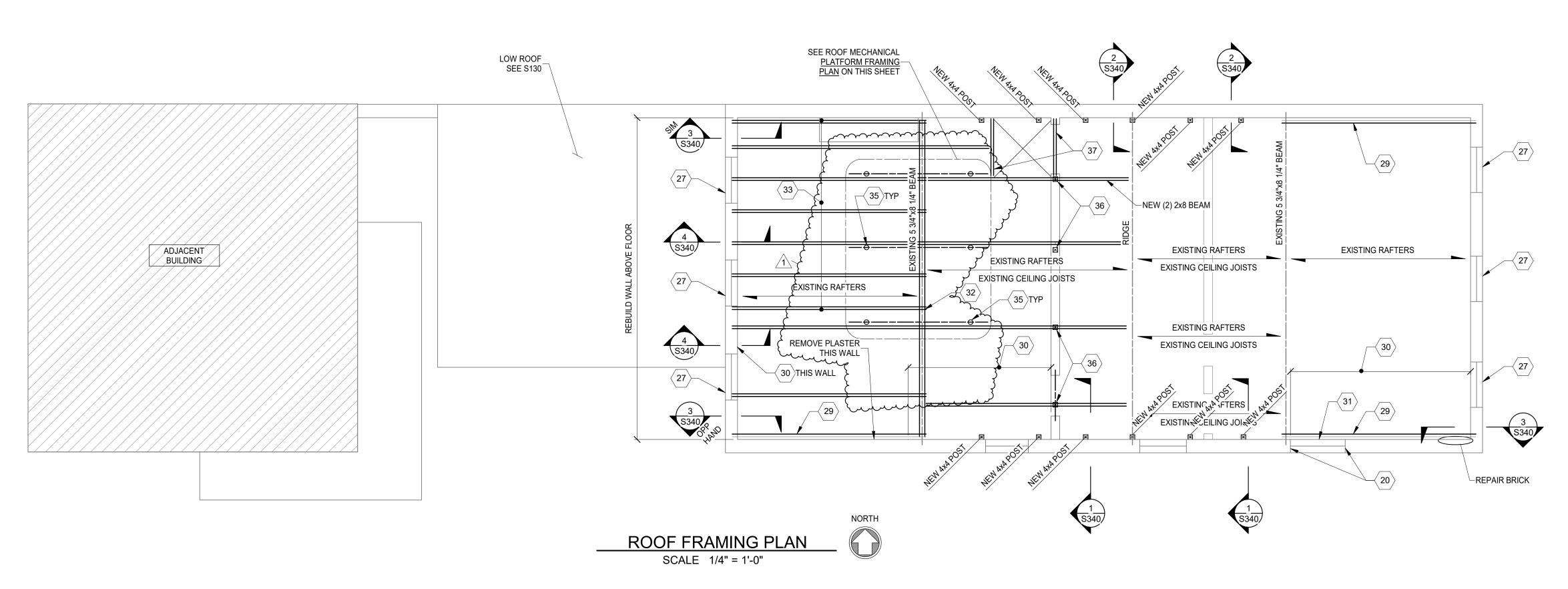
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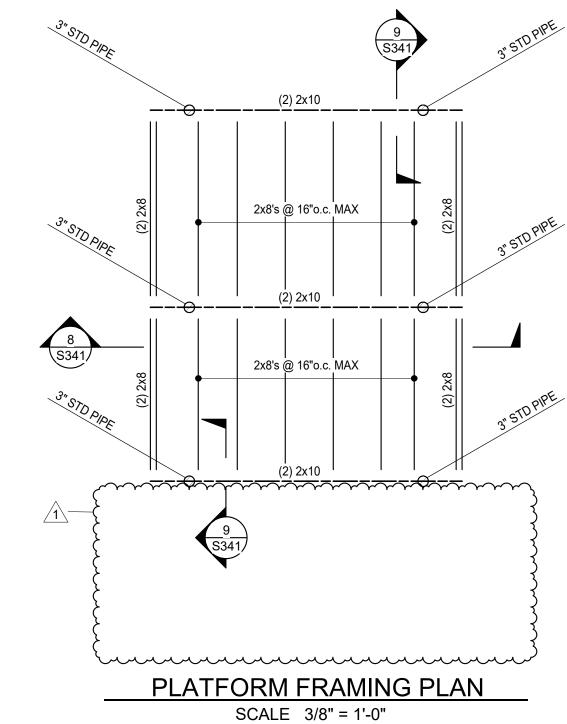
Design Team: KCJ / SJ

Date: 04/28/2023

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

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PROJECT KEYNOTES:

- REMOVE EXISTING FRAMING AND SHEATHING. PROVIDE NEW (2) 2x12 P.T. JOISTS AT 12" o.c.
- NEW (2) 2x12 HEADER w/ LUS210-2 HANGERS TO BEAMS, BEAR ON MASONRY WALL WHERE APPLICABLE. HANG JOISTS TO HEADER w/ LUS28 HANGERS.
- 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.

INFILL EX OPENING WITH SOLID CMU OR HOLLOW CMU, GROUTED SOLID, TO MATCH WALL THICKNESS ABOVE.

- REMOVE DEBRIS FROM EXTERIOR WINDOW WELL OR STAIR. FILL WITH 250 PSI CONTROLLED DENSITY FILL (CDF). TOP WITH 4" CONCRETE SIDEWALK SLAB.
- 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.
- PROVIDE NEW (2) 2x12 HEADER w/ (2) 2x4 BEARING STUDS & (1) 2x4 FULL HEIGHT STUD AT EACH END. PROVIDE FULL DEPTH BLOCKING BELOW BEARING STUDS TO MASONRY WALL IN BASEMENT, IF THERE IS A VOID.
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- \langle 10 angle $\,$ Jack up existing header and stairs. Repair per plan detail.
- CUT EXISTING JOISTS AT STAIR OPENING, AND PROVIDE (1) 2x12 HEADER w/ SIMPSON ML28Z ANGLE EACH END. HANG EXISTING JOISTS TO HEADER w/ LUS28R-18 HANGERS.
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PLAN NOTES:

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- 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.
- 8. SWS = STRUCTURAL WOOD SCREW. ALLOWABLE SCREWS ARE 1/4" SIMPSON SDS, 1/4" SPAX POWERLAGS OR 1/4" FASTEN MASTER LEDGER LOK.
- 9. FASTEN SISTERS WITH 1/4"x3" SWS @ 24"o.c. STAGGERED UNLESS NOTED OTHERWISE.

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

Design Team: KCJ / SJ

Date: 04/28/2023

Proj. No.: 22146.18

Drawing No.

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

STREET

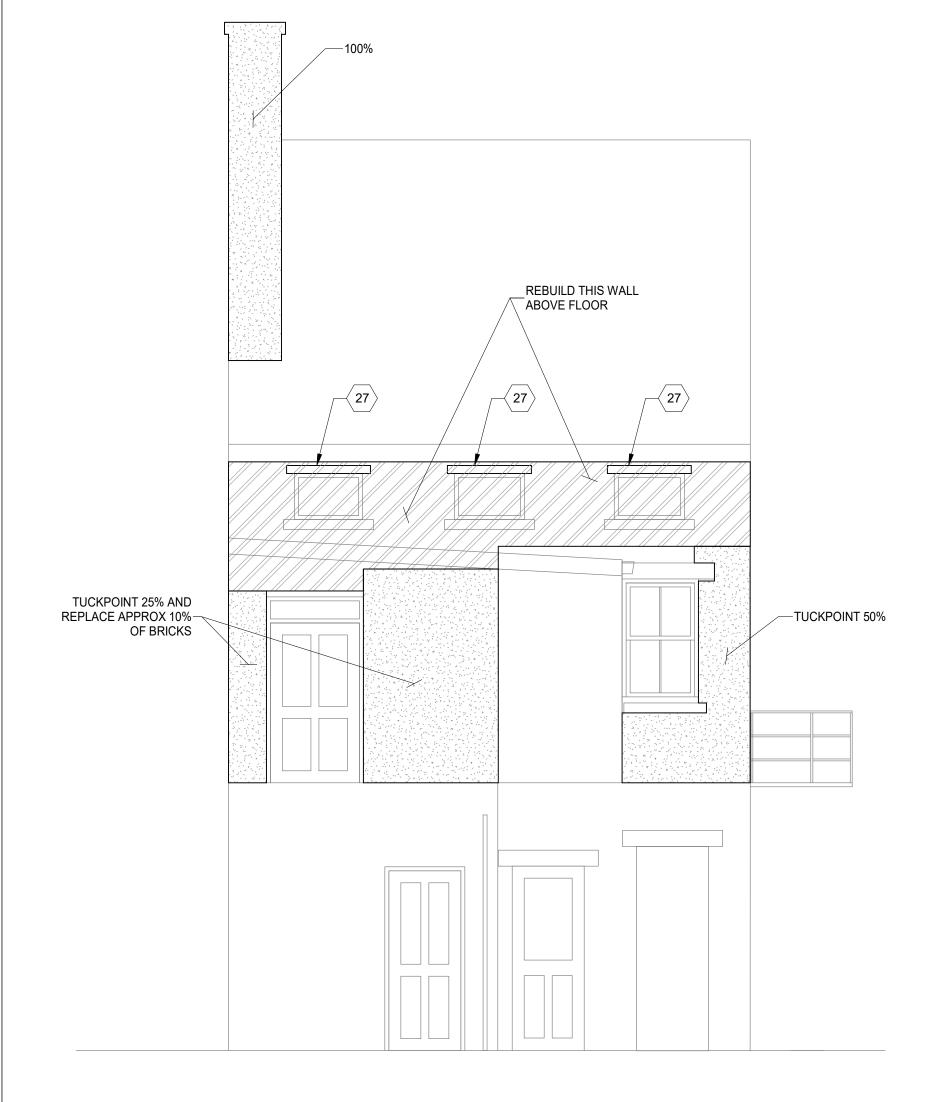
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Design Team: KCJ / SJ Date: 04/28/2023

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MODIFICATION/REPAIRS ARE SUBJECT TO CHANGE ONCE DEMOLITION IS UNDERWAY

Proj. No.: 22146.18 Drawing No.



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

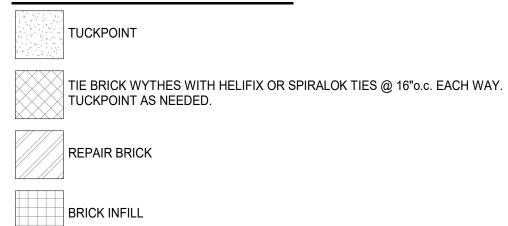
TUCKPOINT 25%-

SOUTH ELEVATION

SCALE 1/4" = 1'-0"

TUCKPOINT 100%_ REPAIR LOOSE OR DETERORATED BRICK

BRICK REPAIR LEGEND:



ELEVATION NOTES:

- 1. TUCKPOINT JOINTS IN MASONRY WHERE MORTAR IS SOFT, DAMAGED OR MISSING.
- 2. REMOVE AND REPLACE SPALLING OR SOFT BRICK THAT IS COMPROMISED MORE THAT 3/4" OF DEPTH.
- 3. REMOVE CRACKED, DAMAGED OR SEVERLY SPALLED LINTELS AND REPLACE WITH RECLAIMED STONE OR CAST STONE LINTEL TO MATCH EXISTING.
- 4. ALL OBSERVATIONS WHERE MADE FROM THE GROUND LEVEL AND REPAIRS ARE SUBJECT TO CHANGE BASED ON CONTRACTOR HANDS ON INSPECTIONS.
- 5. AT CRACKS OR DAMAGED AREAS OF PARGE COAT, CONTRACTOR SHALL REMOVE ALL PARGE COAT THAT IS NOT SOUNDLY CONNECTED TO THE BRICK, AND REPLACE WITH NEW PARGE COAT. TUCKPOINT ANY DETERIORATED MORTAR JOINTS PRIOR TO APPLYING NEW PARGE COAT.

FIRE ESCAPE KEYNOTES:

RELAY UPPER 1'-0"± OF WALL AND COPING

-REPAIR BRICK AS NEEDED

- ⟨FE1⟩ NEW L1 1/2x1 1/2x1/4 BRACEE WELD EACH END ALL AROUND
- (FE2) REMOVE EXISTING RAIL TO ALLOW ENTRANCE TO LADDER
- (FE3) NEW 1/4"x4" STRINGER WELDED TO EXISTING BRACKET WITH (2) 1/4" VERTICAL WELDS
- (FE4) NEW TREADS, (3) 1/2" SQUARE BAR, DIAGONAL ORIENTATION, RISE = 8" TO 10"
- COUNTER BALANCE STAIR WITH PIVOT OF 7/8" BOLT AND 1" HOLES, 1/8"x2" BRASS WASHERS. (FE5) SECURE NUT WITH COTTER PIN. 1/4"x4" STRINGERS AND 1/2" ROUND BAR GUARDRAIL TO MATCH EXISTING COUNTER BALANCE STAIR TO BE REMOVED.

TUCKPOINT —COLUMN JOINT

Design Team: KCJ / SJ Date: 04/28/2023

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Proj. No.: 22146.18 Drawing No.

LENGTH LENGTH / 3 NOTCHES PERMITTED LENGTH / 3 NOTCHES PERMITTED NO NOTCHES PERMITTED END NOTCH-D/3 MAX D/3 MAX DRILLED HOLE
(2" MIN TO ADJACENT
HOLE OR NOTCH) -END NOTCH ВОТТОМ NОТСН-—EXISTING WALL EXISTING WALL— NOTIFY ENGINEER FOR DIRECTION IF OPENINGS DO NOT MEET THE CRITERIA SHOWN

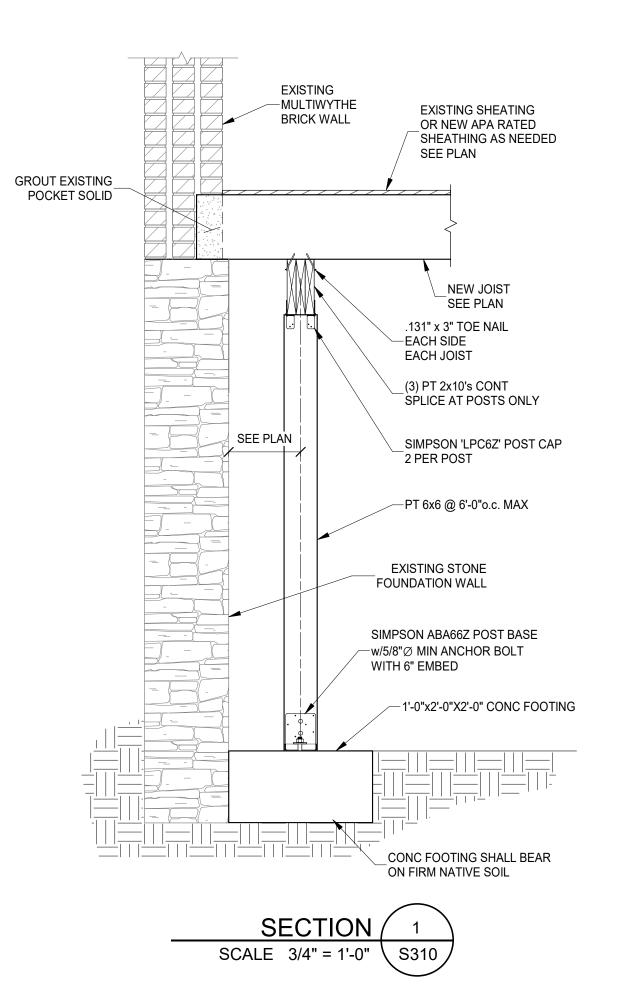
> ALLOWABLE WOOD JOIST OPENINGS SCALE 3/4" = 1'-0"

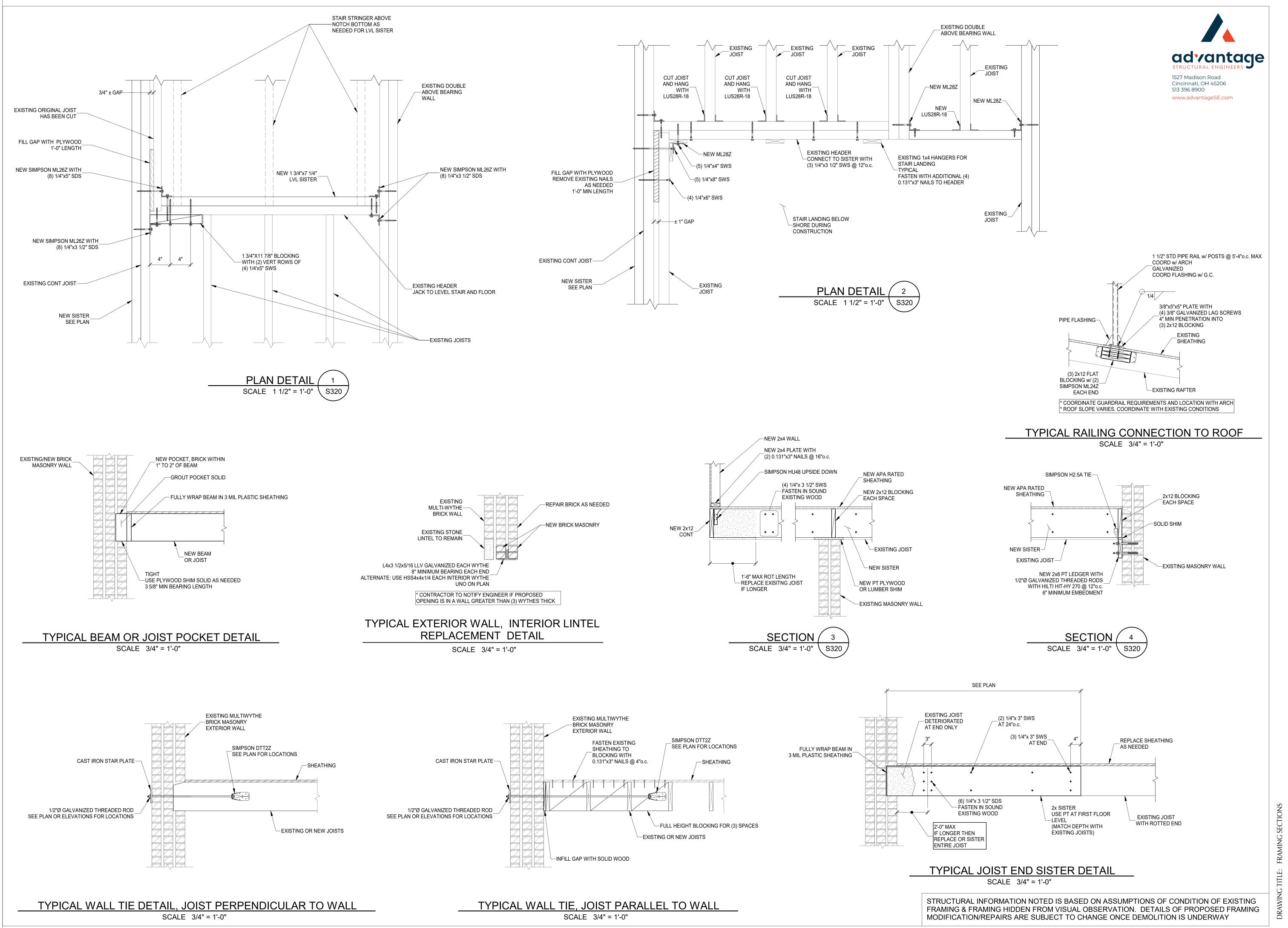
advantage STRUCTURAL ENGINEERS 1527 Madison Road Cincinnati, OH 45206 513 396 8900 www.advantageSE.com

Design Team: KCJ / SJ Date: 04/28/2023

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STREET

VINE VINE

Design Team: KCJ / SJ Date: 04/28/2023

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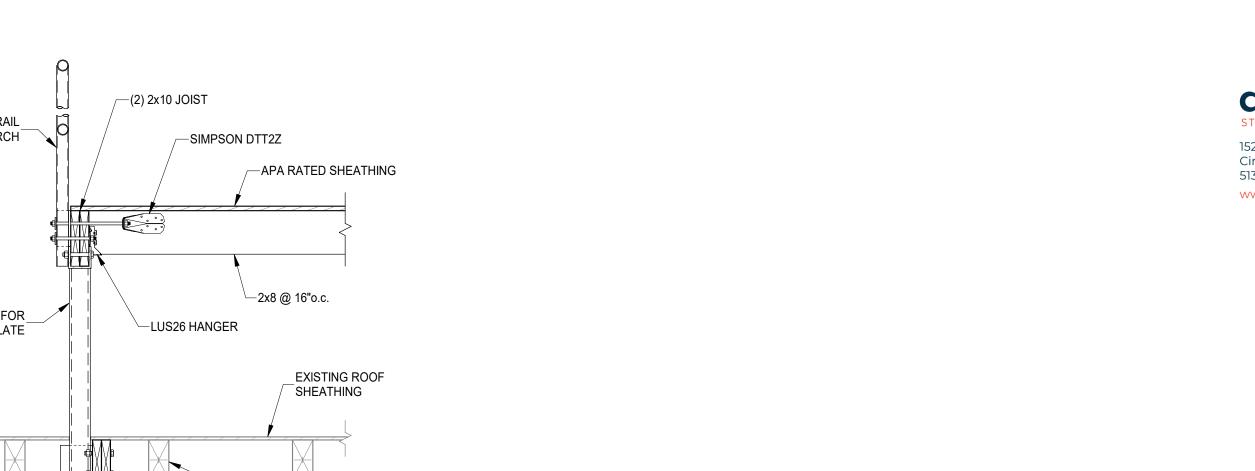
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Design Team: KCJ / SJ Date: 04/28/2023

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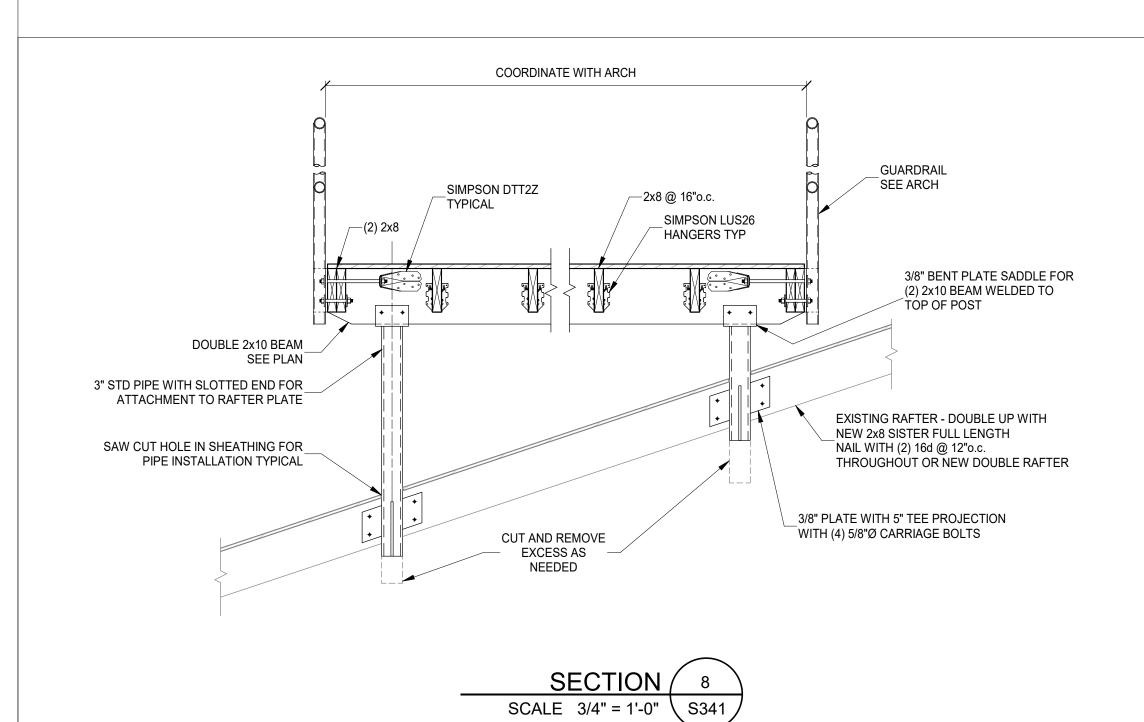


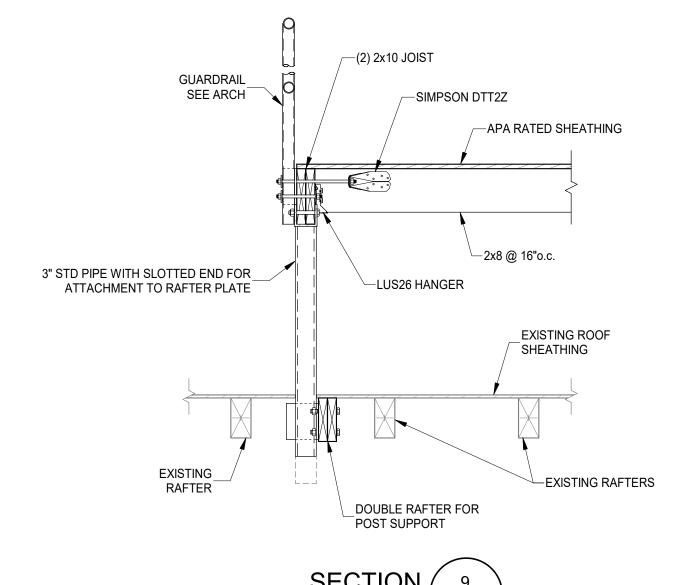
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SCALE 3/4" = 1'-0"

CALLOUT	DESCRIPTION	FACE SIZE (IN)	INLET SIZE (IN)	MODEL	NOTES
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.
FR-5	FLOOR REGISTER, ALL-STEEL CONSTRUCTION, 75% FREE AREA, TOE-OPERATED VALVE CONTROL	12x8	10x6	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-9	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-1C	STEEL 1-WAY REGISTER, PLATE DAMPER, 1/3" FIN SPACING	10x6	8x4	HART AND COOLEY/ 651	ADJUSTABLE PLATE DAMPER, BRIGHT WHITE FINISH
SR1W-4	STEEL 1-WAY REGISTER, PLATE DAMPER, 1/3" FIN SPACING	12x8	10x6	HART AND COOLEY/ 651	ADJUSTABLE PLATE DAMPER, BRIGHT WHITE FINISH
SR1W-5	STEEL 1-WAY REGISTER, PLATE DAMPER, 1/3" FIN SPACING	14x8	12x6	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

STEEL 2-WAY REGISTER, MS DAMPER,

1/3" FIN SPACING

16x6

14x4

HART AND COOLEY/ 661

10x6

<u>DE-1</u>

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 FINISHED AREA. SIZE PER MANUFACTURES RECOMMENDATIONS.
- RETURN DUCT UP TO FIRST FLOOR. SUPPLY DUCT UP TO FIRST FLOOR.
- 5. 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. FRESH AIR INTAKE THRU WALL TO WALL CAP.
- DUCT EXHAUST UP THROUGH ROOF WITH RAIN-PROOF CAP. 8. 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.
- 9. 6" EXHAUST TO BE ROUTED DIRECTLY TO ROOF, AS ALLOWED PER OBC 714.4.1 EXCEPTION 1. 10. UNDERCUT DOOR 1" ABOVE FINISHED FLOOR FOR RETURN/MAKE UP AIR. 11. DUCTED RETURN BETWEEN TRANSFER GRILLES TO AVOID EXPOSED WALL
- 2. 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. 12.1. 3' FROM PROPERTY LINE.
- 12.2. 3' FROM OPERABLE OPENINGS INTO BUILDING.
- 12.3 10' FROM MECHANICAL AIR INTAKE. 13. 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. 14. DUCTED RETURN SLEEVE TO AVOID EXPOSED WALL CAVITY.
- 15. ROUTE EXHAUST DUCT UP IN JOIST POCKET. RATING SHALL BE MAINTAINED AROUND JOIST TO PREVENT FIRE DAMPER. REFER TO ARCHITECTURAL PLANS
- 16. MECHANICAL CONTRACTOR TO COORDINATE DUCT ROUTING WITH NEW STRUCTURAL SUPPORT.
- MECHANICAL CONTRACTOR TO COORDINATE DUCT ROUTING WITH PLUMBING CONTRACTOR.

MECHANICAL SCOPE OF WORK (PLAN REVIEW ONLY)

MECHANICAL SCOPE OF WORK IS TO PROVIDE NEW HVAC EQUIPMENT TO RESIDENTIAL AND COMMERCIAL 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 COOLINGHEATINGCOOLINGHEATINGOUTDOOR: 93 DB / 75 WBOUTDOOR: 0 DBOUTDOOR: 93 DB / 75 WBOUTDOOR: 0 DB 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.
- C. COORDINATE WITH ELECTRICAL CONTRACTOR FOR POWER CONNECTIONS TO ALL MECHANICAL EQUIPMENT.
-). 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.
- . 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
- 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	EGEND — HVAC
T	THERMOSTAT
\boxtimes	CEILING DIFFUSER
→	SIDE WALL GRILL
«\- «\-	RETURN WALL GRILL
- \\-	AIR FLOW DIRECTION
14x10	DUCTWORK
\boxtimes	TYPICAL SUPPLY DUCT DN
Ø	TYPICAL RETURN DUCT DN
N.	TYPICAL EXHAUST DUCT
رده	TURNING VANES
X ~~~	FLEXIBLE DUCT, 8'-0" LONG MAX.
0	TYPICAL ROUND DUCT DN
•	ROUND DUCT UP
]	MVD MANUAL VOLUME DAMPER
	DROPPED CEILING/SOFFIT
DS	DUCT SMOKE DETECTOR



E-77755 Progress Dates 05/05/2023 BID P/E/FP 08/30/2024 BID SET 2

STILKEY

202 **W**

Revisions

Drawn by: RPG

Checked By: SSS



TEAMWORK • COLLABORATION SHARED SUCCESS 515 Monmouth Street, Suite 204 Newport, KY 41071 (859) 261-0585 MEP Consulting Services, Inc. in OH Copyright © 2015

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809

Job No: 22042 8/10/2022

10x6

CALLOUT	DESCRIPTION	FACE SIZE (IN)	INLET SIZE (IN)	MODEL	NOTES
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.
FR-5	FLOOR REGISTER, ALL-STEEL CONSTRUCTION, 75% FREE AREA, TOE-OPERATED VALVE CONTROL	12x8	10x6	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-9	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-1C	STEEL 1-WAY REGISTER, PLATE DAMPER, 1/3" FIN SPACING	10x6	8x4	HART AND COOLEY/ 651	ADJUSTABLE PLATE DAMPER, BRIGHT WHITE FINISH
SR1W-4	STEEL 1-WAY REGISTER, PLATE DAMPER, 1/3" FIN SPACING	12x8	10x6	HART AND COOLEY/ 651	ADJUSTABLE PLATE DAMPER, BRIGHT WHITE FINISH
SR1W-5	STEEL 1-WAY REGISTER, PLATE DAMPER, 1/3" FIN SPACING	14x8	12x6	HART AND COOLEY/ 651	ADJUSTABLE PLATE DAMPER, BRIGHT WHITE FINISH
SR2W-1C	STEEL 2-WAY REGISTER, MS DAMPER,	8x6	6x4	HART AND COOLEY/ 661	ADJUSTABLE DAMPER IN FACE, BRIGHT

HART AND COOLEY/ 661

WHITE FINISH

WHITE FINISH

ADJUSTABLE DAMPER IN FACE, BRIGHT

 \boxtimes

COMMERCIAL - B/M/A-2 961 SF 101

1/3" FIN SPACING

1/3" FIN SPACING

COMMERCIAL SPACE

STEEL 2-WAY REGISTER, MS DAMPER,

16x6

- 1. ROUTE 3/4" CONDENSATE DRAIN LINE TO FLOOR DRAIN IN MECHANICAL CLOSET. SLOPE PIPE A MINIMUM OF 1/8 " PER FOOT AWAY FROM UNIT. 2. ROUTE LINE SET FROM OUTDOOR UNIT TO INDOOR AIR HANDLER. ALL PIPING SHALL BE CONCEALED IN FINISHED AREA. SIZE PER MANUFACTURES RECOMMENDATIONS.
- 3. RETURN DUCT UP TO FIRST FLOOR. SUPPLY DUCT UP TO FIRST FLOOR.
- 5. 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.
- 6. FRESH AIR INTAKE THRU WALL TO WALL CAP. 7. DUCT EXHAUST UP THROUGH ROOF WITH RAIN-PROOF CAP. 8. 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.
- 9. 6" EXHAUST TO BE ROUTED DIRECTLY TO ROOF, AS ALLOWED PER OBC 714.4.1
- 10. UNDERCUT DOOR 1" ABOVE FINISHED FLOOR FOR RETURN/MAKE UP AIR. 11. DUCTED RETURN BETWEEN TRANSFER GRILLES TO AVOID EXPOSED WALL
- 12. 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. 12.1. 3' FROM PROPERTY LINE.
- 12.2. 3' FROM OPERABLE OPENINGS INTO BUILDING. 12.3 10' FROM MECHANICAL AIR INTAKE.
- 13. 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.
- 14. DUCTED RETURN SLEEVE TO AVOID EXPOSED WALL CAVITY. 15. ROUTE EXHAUST DUCT UP IN JOIST POCKET. RATING SHALL BE MAINTAINED AROUND JOIST TO PREVENT FIRE DAMPER. REFER TO ARCHITECTURAL PLANS
- FOR DETAILS. 16. MECHANICAL CONTRACTOR TO COORDINATE DUCT ROUTING WITH NEW
- STRUCTURAL SUPPORT. 17. MECHANICAL CONTRACTOR TO COORDINATE DUCT ROUTING WITH PLUMBING
- CONTRACTOR. .

MECHANICAL SCOPE OF WORK (PLAN REVIEW ONLY)

MECHANICAL SCOPE OF WORK IS TO PROVIDE NEW HVAC EQUIPMENT TO RESIDENTIAL AND COMMERCIAL 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 HEATING OUTDOOR: 0 DB OUTDOOR: 0 DB 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.
-). 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.
- . 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
(T)	THERMOSTAT
	CEILING DIFFUSER
→	SIDE WALL GRILL
•\-	RETURN WALL GRILL
←\ —	AIR FLOW DIRECTION
14x10	DUCTWORK
	TYPICAL SUPPLY DUCT DN
	TYPICAL RETURN DUCT DN
N N	TYPICAL EXHAUST DUCT
(,,	TURNING VANES
X ~~~	FLEXIBLE DUCT, 8'-0" LONG MAX.
<u></u>	TYPICAL ROUND DUCT DN
	ROUND DUCT UP
	MVD MANUAL VOLUME DAMPER
	DROPPED CEILING/SOFFIT
DS	DUCT SMOKE DETECTOR



Job No: 22042

202 **W**

STILKEY

E-77755

Progress Dates

Revisions

Checked By: SSS

ENGINEERED

TEAMWORK • COLLABORATION

SHARED SUCCESS

515 Monmouth Street, Suite 204 Newport, KY 41071 (859) 261-0585

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Drawn by: RPG

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

MECHANICAL PLAN - FIRST FLOOR

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

FR-5 220

STEEL 1-WAY REGISTER, PLATE

STEEL 1-WAY REGISTER, PLATE

STEEL 2-WAY REGISTER, MS DAMPER,

STEEL 2-WAY REGISTER, MS DAMPER,

DAMPER, 1/3" FIN SPACING

DAMPER, 1/3" FIN SPACING

1/3" FIN SPACING

1/3" FIN SPACING

12x8

14x8

10x6

12x6

6x4

12x10

APARTMENT 201

SR1W-4

SR2W-1C

	, ,				
CALLOUT	DESCRIPTION	FACE SIZE (IN)	INLET SIZE (IN)	MODEL	NOTES
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.
FR-5	FLOOR REGISTER, ALL-STEEL CONSTRUCTION, 75% FREE AREA, TOE-OPERATED VALVE CONTROL	12x8	10x6	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-9	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-1C	STEEL 1-WAY REGISTER, PLATE DAMPER, 1/3" FIN SPACING	10x6	8x4	HART AND COOLEY/ 651	ADJUSTABLE PLATE DAMPER, BRIGHT WHITE FINISH
		1	1		

HART AND COOLEY/ 651

HART AND COOLEY/ 651

HART AND COOLEY/ 661

HART AND COOLEY/ 661

ADJUSTABLE PLATE DAMPER, BRIGHT

ADJUSTABLE PLATE DAMPER, BRIGHT

ADJUSTABLE DAMPER IN FACE, BRIGHT

ADJUSTABLE DAMPER IN FACE, BRIGHT

STAIRHALL

WHITE FINISH

WHITE FINISH

WHITE FINISH

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 FINISHED AREA. SIZE PER MANUFACTURES RECOMMENDATIONS.

 RETURN DUCT UP TO FIRST FLOOR.
 SUPPLY DUCT UP TO FIRST FLOOR.
 ALL BASEMENTS SHALL BE VENTILATED AS STORAGE/WAREHOUSE SPACE IN ACCORDANCE WITH TABLE 403 3 OF THE 2017 OHIO MECHANICAL CODE AT A

- 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.

 5. FRESH AIR INTAKE THRU WALL TO WALL CAP.

 7. DUCT EXHAUST UP THROUGH ROOF WITH RAIN-PROOF CAP.
- FRESH AIR INTAKE THRU WALL TO WALL CAP.
 DUCT EXHAUST UP THROUGH ROOF WITH RAIN-PROOF CAP.
 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
- WITHIN WALL CAVITY FOR FULL LENGTH. FIRE CAULK AROUND ALL PENETRATIONS. REFER TO DETAIL.

 9. 6" EXHAUST TO BE ROUTED DIRECTLY TO ROOF, AS ALLOWED PER OBC 714.4.1
- EXCEPTION 1.

 10. UNDERCUT DOOR 1" ABOVE FINISHED FLOOR FOR RETURN/MAKE UP AIR.

 11. DUCTED RETURN BETWEEN TRANSFER GRILLES TO AVOID EXPOSED WALL CAVITY.
- 12. 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. 12.1. 3' FROM PROPERTY LINE.
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 13. 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
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MECHANICAL SCOPE OF WORK IS TO PROVIDE NEW HVAC EQUIPMENT TO RESIDENTIAL AND COMMERCIAL 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					
	COMMERCIAL		RESIDENTIAL			
ı	COOLING	HEATING	COOLING	HEATING		
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ı	INDOOR: 72	INDOOR: 70	INDOOR: 75	INDOOR: 70		

GENERAL NOTES

FLOOR/CEILING.

- A. FOR FULL SCHEDULES, SPECIFICATIONS, AND COMPLETE LISTING SEE DETAIL SHEETS
- B. COORDINATE ROUTING OF ALL WORK WITH OTHER TRADES.
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- DIFFUSER LOCATIONS.

 F. PROVIDE BACKDRAFT DAMPERS FOR ALL EXHAUST SYSTEMS AND EITHER

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- H. ROUTE ALL AIR CONDITIONER CONDENSATE TO NEARBY FLOOR DRAIN.
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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.
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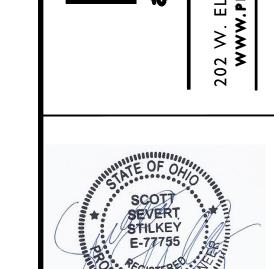
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 INDICATING ACTUAL EQUIVALENT LENGTH OF EXHAUST DUCT. LENGTH
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SYMBOLS LE	GEND — HVAC
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->	SIDE WALL GRILL
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14x10	DUCTWORK
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	DROPPED CEILING/SOFFIT
DS	DUCT SMOKE DETECTOR





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
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Newport, KY 41071 (859) 261-0585
MEP Consulting Services, Inc. in OH
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OVATION FOR OS VINNATI, OH, 45202

Job No: 22042 8/10/2022

M1.02

KEYED SHEET NOTES

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SYMBOLS LI	EGEND — HVAC
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DS	DUCT SMOKE DETECTOR



Revisions Checked By: SSS Drawn by: RPG **ENGINEERED**

> 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 EXCLUSI PROPERTY OF ENGINEERED BUILDING SYSTEMS, I

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SEVERT

STILKEY

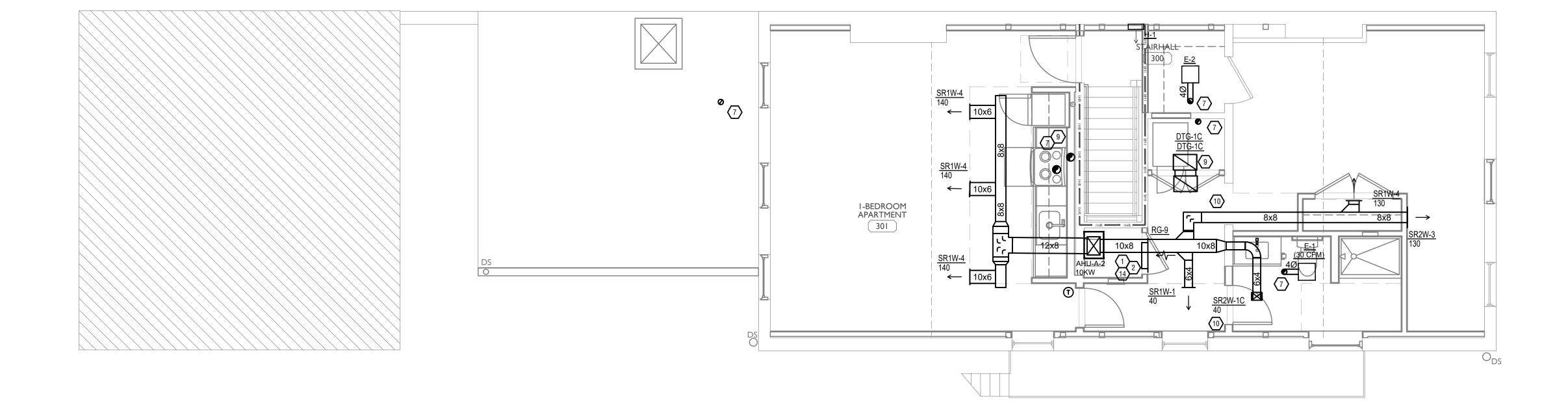
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Progress Dates

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

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Job No: 22042



SR2W-1C

SR2W-3

STEEL 2-WAY REGISTER, MS DAMPER,

STEEL 2-WAY REGISTER, MS DAMPER,

1/3" FIN SPACING

1/3" FIN SPACING

8x6

6x4

HART AND COOLEY/ 661

HART AND COOLEY/ 661

ADJUSTABLE DAMPER IN FACE, BRIGHT

ADJUSTABLE DAMPER IN FACE, BRIGHT

WHITE FINISH

WHITE FINISH

CALLOUT	DESCRIPTION	FACE SIZE (IN)	INLET SIZE (IN)	MODEL	NOTES
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.
FR-5	FLOOR REGISTER, ALL-STEEL CONSTRUCTION, 75% FREE AREA, TOE-OPERATED VALVE CONTROL	12x8	10x6	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	/H-6 28 GAUGE GALVANIZED STEEL. PRE-PAINTED INTAKE VENT.				ANGLED HOOD.1/4 INCH INSECT SCREEN.
RG-9	-9 RETURN AIR GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES		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-1C	STEEL 1-WAY REGISTER, PLATE DAMPER, 1/3" FIN SPACING	10x6	8x4	HART AND COOLEY/ 651	ADJUSTABLE PLATE DAMPER, BRIGHT WHITE FINISH
SR1W-4	STEEL 1-WAY REGISTER, PLATE DAMPER, 1/3" FIN SPACING	12x8	10x6	HART AND COOLEY/ 651	ADJUSTABLE PLATE DAMPER, BRIGHT WHITE FINISH
SR1W-5	STEEL 1-WAY REGISTER, PLATE DAMPER, 1/3" FIN SPACING	14x8	12x6	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,	16x6	14x4	HART AND COOLEY/ 661	ADJUSTABLE DAMPER IN FACE, BRIGHT

HP-2 UNIT 201 WHITE FINISH

1/3" FIN SPACING

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- 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.

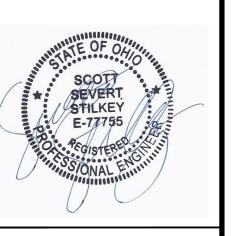
 J.F. TRANSITION DUCTS USED TO CONNECT THE DRYER TO THE EXHAUST DUCT SYSTEM SHALL BE A SINGLE LENGTH THAT IS LISTED AND LABELED IN ACCORDANCE WITH UL 2158A. TRANSITION DUCTS SHALL BE NOT GREATER THAN 8 FEET IN LENGTH AND SHALL NOT BE CONCEALED WITHIN CONSTRUCTION.
- J.G. PROVIDE DRYER WALL BOX EQUAL TO 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
T	THERMOSTAT

	HEIMOOM
	CEILING DIFFUSER
→	SIDE WALL GRILL
•\-	RETURN WALL GRILL
« \-	AIR FLOW DIRECTION
14x10	DUCTWORK
	TYPICAL SUPPLY DUCT DN
	TYPICAL RETURN DUCT DN
N N	TYPICAL EXHAUST DUCT
ررج	TURNING VANES
$\boxtimes \sim \sim$	FLEXIBLE DUCT, 8'-0" LONG MAX.
0	TYPICAL ROUND DUCT DN
	ROUND DUCT UP
	MVD MANUAL VOLUME DAMPER
	DROPPED CEILING/SOFFIT
DS	DUCT SMOKE DETECTOR



LATTE



202

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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VATION FOR 9 VINE ST.

Job No: 22042 8/10/2022

M1.04

DRYER EXHAUST DUCT DETAIL

DRYER EXHAUST DUCT EQUIVALENT LENGTH 4" radius mitered 45-degree elbow 2 feet 6 inches 4" radius mitered 90-degree elbow 2 feet 6 inches 6" radius mitered 45-degree elbow 2 feet 6 inches 8" radius mitered 45-degree elbow 2 feet 6 inches 8" radius mitered 90-degree elbow 2 feet 6 inches 10" radius mitered 45-degree elbow 2 feet 6 inches NOTES (504.8 2017 OMC)

MATERIAL AND SIZE. DRYER DUCTS SHALL HAVE A SMOOTH INTERIOR FINISH, BE CONSTRUCTED OF OF METAL AT LEAST 0.016 IN. (28 GAGE) THICK AND BE 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

4.2. 504.8.4.2 MANUFACTURER'S INSTRUCTIONS: THE MAX LENGTH OF THE EXHAUST DUCT WILL BE

THE EXHAUST DUCT IS REDUCED FROM

DRYER TO OUTLET. THE MAXIMUM LENGTH OF

FITTINGS USED ACCORDING TO TABLE 504.8.4.1

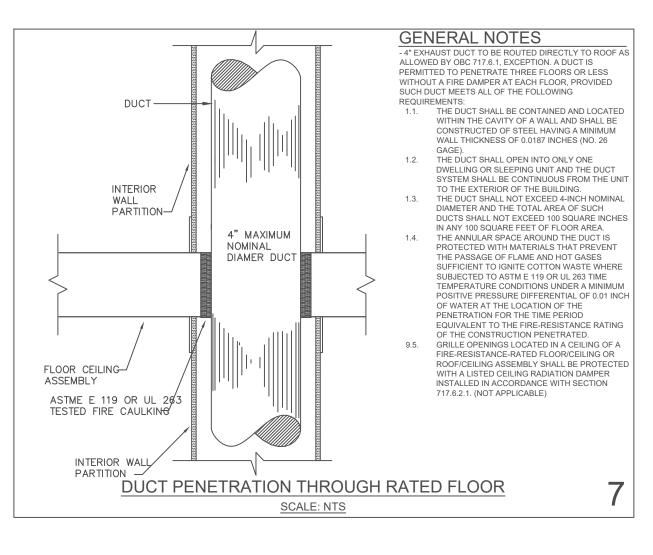
DETERMINED BY THE INSTALLATION INSTRUCTIONS WHICH ARE PROVIDED BY THE DRYER MANUFACTURER (IF APPLICABLE). 504.8.4.3 DRYER EXHAUST DUCT POWER NTILATOR LENGTH: THE MAX LENGTH OF DRYER EXHAUST TO BE DETERMINED BY DRYER EXHAUST DUCT POWER VENTILATOR MANUFACTURER'S INSTALLATION

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

GENERAL NOTES WHERE PENETRATING ITEMS ARE STEEL, FERROUS OR COPPER PIPES, TUBES ASTME E 119 OR UL 263 OR CONDUITS, THE ANNULAR SPACE BETWEEN THE PENETRATING ITEM AND THE ESTED FIRE CAULKING FIRE-RESISTANCE-RATED WALL SHALL BE PROTECTED AS FOLLOWS: 1. IN CONCRETE OR MASONRY WALLS WHERE THE PENETRATING ITEM IS A MAXIMUM 6" NOMINAL DIAMETER AND THE AREA OF THE OPENING THROUGH THE WALL DOES NOT EXCEED 144 SQUARE INCHES, CONCRETE, GROUT OR MORTAR IS PERMITTED WHERE IT IS INSTALLED THE FULL THICKNESS OF THE WALL OR THE THICKNESS REQUIRED TO MAINTAIN THE FIRE-RESISTANCE 2. THE MATERIAL USED TO FILL THE ANNULAR SPACE SHALL PREVENT THE PASSAGE OF FLAME AND HOT GASES SUFFICIENT TO IGNITE COTTON WASTE WHEN SUBJECTED TO ASTM E 119 OR UL 263 TIME-TEMPERATURE FIRE ASTME E 119 OR UL 263 TE CONDITIONS UNDER A MINIMUM POSITIVE PRESSURE DIFFERENTIAL OF 0.01 FIRE CAULKING INCH OF WATER AT THE LOCATION OF THE PENETRATION FOR THE TIME PERIOD EQUIVALENT TO THE FIRE-RESISTANCE RATING OF THE CONSTRUCTION PENETRATED. PIPE PENETRATION THROUGH RATED WALLS SCALE: NTS



cfm in wg.

COMMON AREAS: MECHANICAL VENTILATION CALCULATION SCHEDULE * (ASHRAE 62.1 LEED PURPOSES ONLY) VENT. AIR REQ. WHOLE AREA (SQ. FT.) CFM BUILDING VENTILATION ENTRY/STAIRWELL/CORRIDOR 289 17 30

	RESIDENTIAL UNITS: MECHANICAL VENTILATION CALCULATION SCHEDULE * (ASHRAE 62.2 LEED PURPOSES ONLY)										
	UNIT	AREA (SQ. FT.)	NUMBER OF BEDROOM S	VENT. AIR REQ.	ACTUAL WHOLE BUILDING VENTILATION						
	201	929	2	32	40						
	301	791	1	23	30						
٠		•									

BA	THROOM FAN SPEED	SETTING SCH	EDULE
TYPICAL	ROOMNAME	MINIMUM SPEED	MAXIMUM SPEED
UNIT	ROOMNAME	SETTING	SETTING
201	BATHROOM	40	80
301	BATHROOM	30	80

	FAN SCHEDULE												
TAG	TYPE	AREA SERVED	MANUFACTURER	MODEL	DRIVE	CFM	ESP	WATTS	RPM	VOLT/PHASE	MOUNTING	WEIGHT	NOTES
E-1	EXHAUST	TYPICAL RESTROOM	PANASONIC	FV-05-11VKS1	DIRECT	30,40-80	0.25	17	1131	115/60/1	CEILING	12	1,2,3,4
E-2	EXHAUST	STAIRWELL	PANASONIC	FV-05-11VKS1	DIRECT	30	0.25	17	1131	115/60/1	CEILING	12	2,3,4,5
E-3	EXHAUST	RESTROOM	PANASONIC	FV-05-11VQ1	DIRECT	83	0.25	10.8	1185	115/60/1	CEILING	12	2
1. FAN SH	HALL RUN CONTINUO	DUSLY AT LOW	SPEED (30/40 CFM) AND SHALL RA	AMP UP TO	HIGH SPEED (80	CFM) WI	HEN SWIT	CH IS TU	RNED ON. PR	OVIDE ALL F	ELEVANT	

ACCESSORIES.

2. INSTALL RADIATION DAMPER PC-RD05C5

3. PROVIDE FV-CSVK1 CONDESNSATION SENSOR 4. REFER TO FAN SPEED SCHEDULE FOR FAN SPEED SETTINGS

1. FAN SHALL RUN CONTINUOUSLY AT LOW SPEED (30)

		MECHANICAL EXH	IAUST	SCHEDULE -	2017 OHIO M	ECHANICAL	CODE			
2001				EV414110T		FIXT	TOTAL	TOTAL		
ROOM NUMBER/UNIT ROOMNAME TYPICAL		OCCUPANCY CLASSIFICATION	AREA (ft2)	EXHAUST AIRFLOW RATE (CFWft2)	EXHAUST RATE PER FIXTURE (CFM)	LOWER CONTINUOUS RATE?	HIGHER INTERMITTENT RATE?	QTY. OF FIXTURES	EXHAUST AIRFLOW REQ. (CFM)	EXHAUST AIRFLOW ACT. (CFM)
	RESTROOM	PUBLIC SPACES - TOILET ROOM	-	-	50/70	NO	YES	1	70	83
	BATHROOM	PRIVATE DWELLING - TOILET ROOMS	-	-	30/80	YES	NO	1	30	30
	BATHROOM	PRIVATE DWELLING - TOILET ROOMS	-	-	40/80	YES	NO	1	40	40

*EXHAUST CALCULATIONS PER OMC 2017 TABLE 403.3.1.1

Ent DB Ent WB Lv DB Lv WB Cool Cap Sens Cap Latent Cap Total Weight

°F | °F | °F | Btuh | Btuh |

		INAI	URAL VENT		HEDULE			
			180	9 VINE				
UNIT	ROOM NAME	AREA	DOOR OPENABLE AREA [SQ. FT]	WINDOW OPENABLE AREA [SQ. FT]	UNOBSTRUCED OPENING	TOTAL OPENABLE AREA	4% OF FLOOR AREA	8% OF FLOOR AREA
101	COMMERCIAL	873	63	24	N/A	87	35	N/A
101	BEDROOM	146	0	24	N/A	24	6	N/A
201	LIVING	427	0	24	N/A	24	17	N/A
201	BEDROOM 1	175	0	24	N/A	24	7	N/A
201	BEDROOM 2	142	0	17	N/A	17	6	N/A
301	LIVING	407	0	17	N/A	17	16	N/A
301	BEDROOM	244	0	15	N/A	15	10	N/A

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.

*VENTILATION CALCULATIONS PER OMC 2017 TABLE 403.3.1.1

									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
**Requires Pipin	g Adaptor Kit 11	74192 and 24V int	erface K	SAIC040	1230	•			,		•	•				•	•	•					

Unit Tag
SYS-05 GF-4
CCESSORIES:
1 EXTERNAL TRA

ACCESSORIES:
1 EXTERNAL TRAP KIT 2 CONDENSATE NEUTRALIZER KIT 3 CONCENTRIC VENT KIT 4 TWINING KIT
LOW AMBIENT:
5 CRANKCASE HEATER
6 EVAPORATOR FREEZE THERMOSTAT
7 WINTER START KIT
8 HARD START KIT
9 LOW AMBIENT PRESSURE SWITCH
10 LOW PRESSURE SWITCH
LONG LINE APPLICATIONS
11 CRANKCASE HEATER
12 HARD START KIT

Furnace

	DUCT INSULATION SCHEDULE											
	AIR DISTRIBUTION TYPE											
		SA	RA	ADDITIONAL NOTES								
EQUIPMENT	AHU-A-2	R-3.5	N/A	-								
EQ	GF-4	R-3.5	R-3.5	-								

MCA MOCP Unit Weight Outside Air Out DB

Amps Amps Ib CFM °F

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 LISTED ABOVE.

ITEMS NOT REQUIRED TO BE INSULATED: FIBROUS-GLASS DUCTS, DUCTS WITH LINER THAT MEETS ASHRAE 90.1, FACTORY-INSULATED FLEXIBLE DUCTS, FACTORY-INSULATED PLENUMS AND CASINGS, FLEX CONNECTORS, VIBRATION-CONTROL DEVICES, FACTORY-INSULATED ACCESS PANELS AND DOORS.

				HEATE	RS							
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
1. SEMI-RECE	SSED MOUNTING SL	EEVE.										

CU-4

2. INTEGRAL THERMOSTAT 3. DUCT STAT INCLUDED

Split System Schedule

78,000 | 1649 | 0.5 | 1 | 17.3 | 20 | 158 | 240 | 95 | **EAM4X48L21A** | 80 | 67 | 59.8 | 58.1 | 47,360 | 36,022 | 11,338 | 199

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	1. ENERGY STAR RATED.									

2. DEHUMIDICATION COLTROL

3. CORD AND PLUG CONNECTION. 4. PROVIDE LOW PROFILE CONDENSATE PUMP =CINCINI 8

202

SEVERT

STILKEY

E-77755

Progress Dates

Revisions

Checked By: SSS

PR-09757

ENGINEERED

SYSTEMS INC.

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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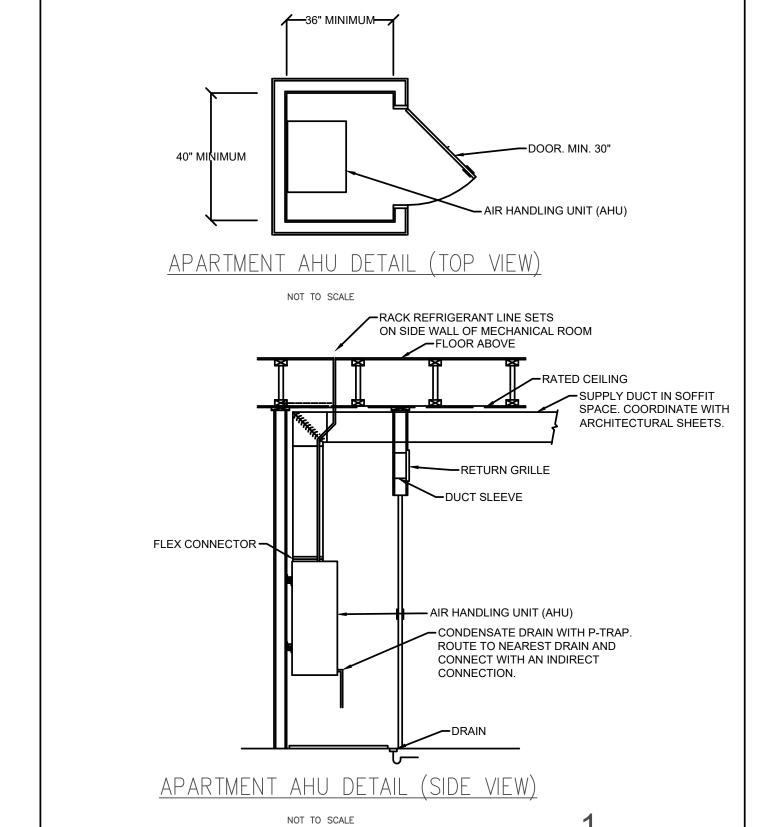
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Drawn by: RPG

05/05/2023 BID P/E/FP

08/30/2024 BID SET 2

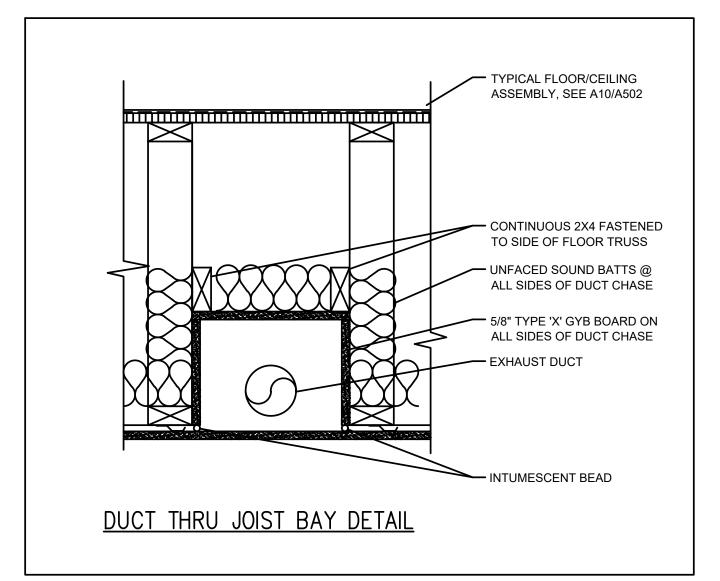
Job No: 22042 8/10/2022



MCA MOCP SEER SEER EER 2

Amps Amps

N4A5S48AKAWA 208/230 1 32.8 50 14.5 13.8 11.7 11.2 1.5.6.7.8.9.10



MECHANICAL SPECIFICATIONS

General

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.

3. Standards

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.

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

the drawings/specifications and the codes and ordinances, the highest standard shall apply.

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

contractor shall satisfy code requirements at a minimum without any extra cost to the owner. In case of conflict between

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.

8. Contractor Coordination

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.

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

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

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

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.

Access Panels

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 hyac 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).

22. Duct Supports

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.

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. Indoor Furnace A. Split systems shall consist of high efficient condensing gas furnace and associated condensing unit. Furnace shall be a 4-way multipoise design and installed per manufacturer's requirements. Refer to drawings and schedules for unit location,

technical data, and accessories.

30. 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

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..

31. Piping Supports (Metal Pipe)

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

32. Piping Supports (Plastic Pipe)

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

33. 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

34. 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.

35. Sequence of Operation

 Heaters •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).

the dx cooling coil shall cool the air to maintain temperature setpoint.

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.

shall run, and the dx cooling coil shall cool the air to maintain temperature setpoint. •Heating mode - indoor furnaces shall be controlled from a thermostat in the space. When the thermostat calls for

Dehumidifier

dehumidifier shall shut off.

●DEH-1

heating the fan shall run and the gas fired heat exchanger shall fire to maintain temperature setpoint. When the setpoint is reached the unit shall shut off. •Cooling mode - when the thermostat calls for cooling the condensing unit shall engage, the furnace fan shall run, and

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

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

•Cooling mode - when the thermostat calls for cooling the heat pump unit shall run in cooling mode, the air handler fan

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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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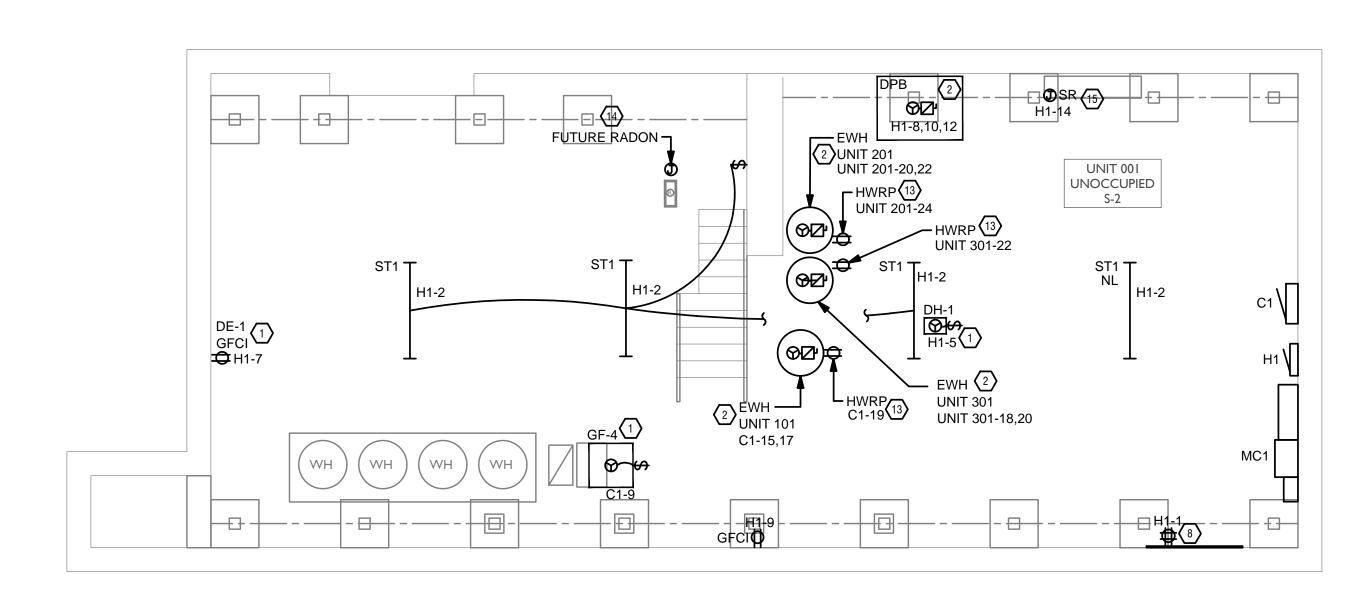
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8/10/2022 Job No: 22042

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- A. REFER TO ARCHITECT'S PLANS AND ELEVATIONS FOR DIMENSIONED LOCATIONS OF LIGHT FIXTURES.
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- C. LIGHT FIXTURES CONTROLLED BY SWITCH IN SAME ROOM UNLESS OTHERWISE NOTED.
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- 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
- F. WHERE APPLICABLE, PROVIDE TOGGLE STYLE LIGHT SWITCHES.

★ KEYED SHEET NOTES

LOCATIONS OF ALL LIGHT FIXTURES.

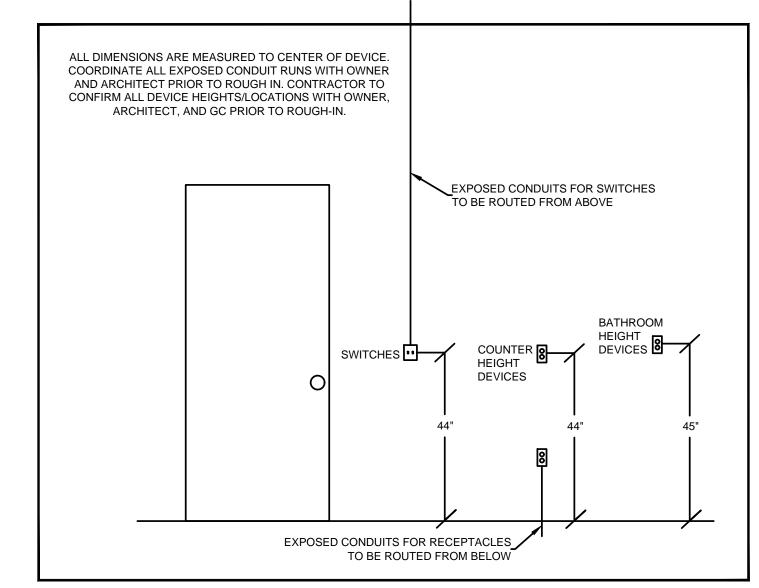
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STANDARD MOUNTING HEIGHTS



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

Checked By: PRS Drawn by: AJW

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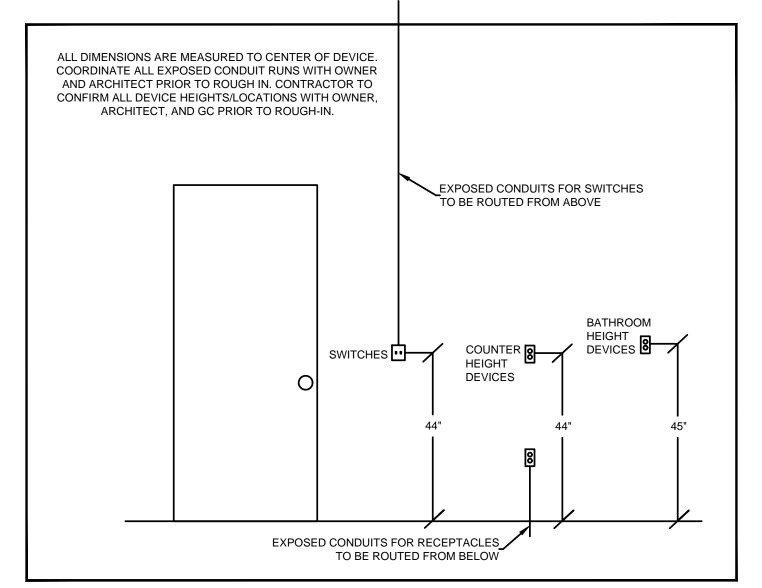
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STANDARD MOUNTING HEIGHTS



P L A T

Progress Dates

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08/30/2024 BID SET 2

Revisions

Checked By: PRS

Drawn by: AJW

PR-0975

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ENOVATION FOR 809 VINE ST. INCINNATI, OH, 45202

Job No: 22042 8/10/2022

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- 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'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.
- 10. COORDINATE LOCATION AND REQUIREMENTS OF BUILDING CALL BOX, 2N INTERCOM SYSTEM, WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN.
- 11. INSTALL FIOPTIC 4-GANG AND QUAD OUTLET IN CABINET ABOVE REFRIGERATOR AS SHOWN.
- 12. COORDINATE TV RECEPTACLE AND DATA LOCATIONS WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN.
- HOT WATER CIRCULATION PUMP HARDWIRED CIRCUIT CONNECTION.
 COORDINATE LOCATION WITH PLUMBING CONTRACTOR. PRIOR TO ROUGH-IN.
- 14. LOCATION OF FUTURE RADON, PROVIDE JUNCTION BOX FOR FUTURE RADON FAN, FAN NOT TO BE INSTALLED AT THIS TIME.15. PROVIDE 120 VOLT DEDICATED CIRCUIT FOR SPRINKLER RISER TAMPER AND

FLOW SWITCH. COORDINATE LOCATION WITH FIRE PROTECTION CONTRACTOR.

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

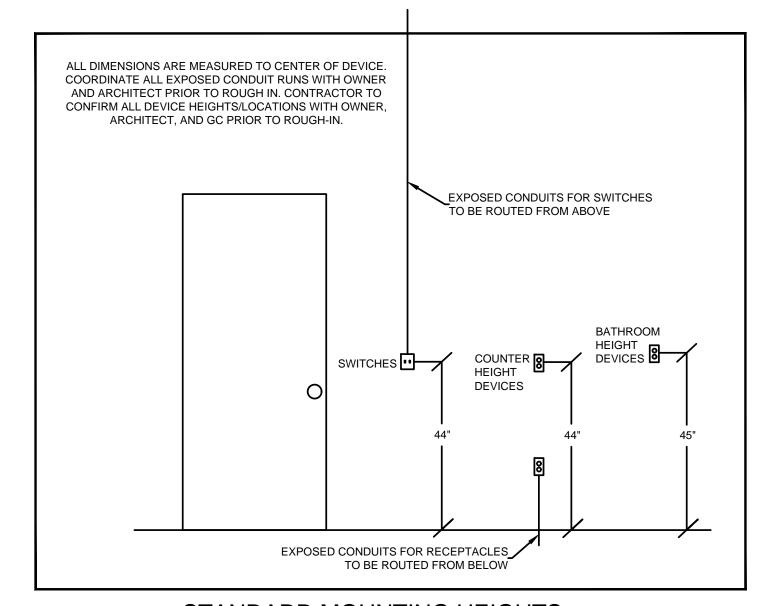
A. EBS DRAWINGS INDICATE DESIGN INTENT AND REQUIRED OUTCOMES. IF CONDITIONS ARISE IN THE FIELD THAT REQUIRE DEVIATIONS FROM THE DRAWINGS IT IS ASSUMED THAT THE CONTRACTOR WILL DETERMINE THE APPROPRIATE DEVIATION WITH APPROVAL FROM THE OWNER. EBS IS AVAILABLE TO ASSIST WHEN REQUIRED IF ISSUES ARISE.

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.
- 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.

GENERAL NOTES-POWER

- A. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL CONDUIT/CABLE ROUTING. COORDINATE ROUTING WITH ALL OTHER TRADES AND BUILDING CONDUITIONS
- 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.
- 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.
- 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



P L A T

Progress Dates

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

Revision

Checked By: PRS

Drawn by: AJW

PR-09757
ENGINEERED
BUILDING

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ENOVATION FOR 809 VINE ST.

Job No: 22042

E1.02

- 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, 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
- 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

- MECHANICAL EQUIPMENT PROVIDED BY MECHANICAL CONTRACTOR, WIRED BY ELECTRICAL CONTRACTOR. VERIFY ELECTRICAL REQUIREMENTS WITH MECHANICAL REQUIREMENTS PRIOR TO ROUGH-IN.

 PLUMBING FOLIPMENT PROVIDED BY PLUMBING CONTRACTOR, WIRED BY
- 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.
- 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.
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- 8. 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.
- 10. COORDINATE LOCATION AND REQUIREMENTS OF BUILDING CALL BOX, 2N INTERCOM SYSTEM, WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN.
- 11. INSTALL FIOPTIC 4-GANG AND QUAD OUTLET IN CABINET ABOVE REFRIGERATOR AS SHOWN
- REFRIGERATOR AS SHOWN.

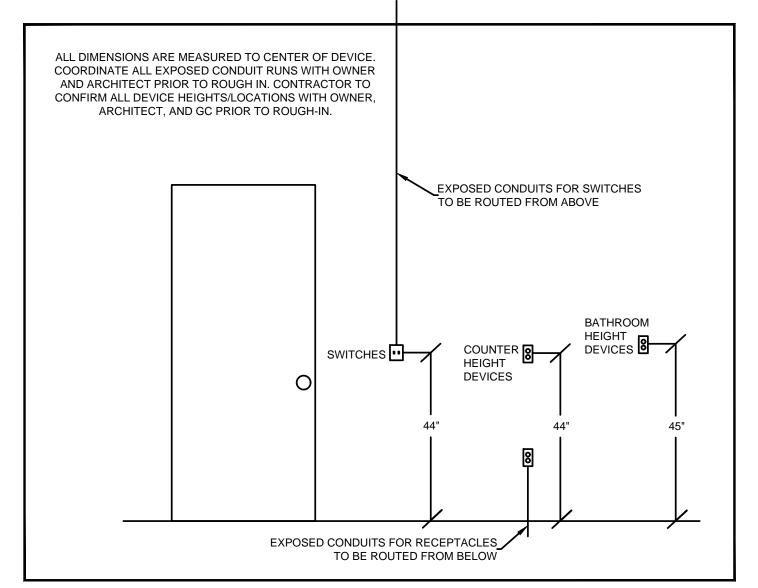
 12. COORDINATE TV RECEPTACLE AND DATA LOCATIONS WITH OWNER AND

ARCHITECT PRIOR TO ROUGH-IN.

- 13. HOT WATER CIRCULATION PUMP HARDWIRED CIRCUIT CONNECTION.
 COORDINATE LOCATION WITH PLUMBING CONTRACTOR. PRIOR TO ROUGH-IN.
- 14. LOCATION OF FUTURE RADON, PROVIDE JUNCTION BOX FOR FUTURE RADON FAN, FAN NOT TO BE INSTALLED AT THIS TIME.
- 15. PROVIDE 120 VOLT DEDICATED CIRCUIT FOR SPRINKLER RISER TAMPER AND FLOW SWITCH. COORDINATE LOCATION WITH FIRE PROTECTION 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.
- 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.
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- 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



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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: AJW

ENGINEERED BUILDING SYSTEMS INC

TEAMWORK COLLABORATION
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ENOVATION FOR 809 VINE ST.

Job No: 22042

E1.03

- 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.
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- PRIOR TO ROUGH-IN. D. SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR DIMENSIONED LOCATIONS OF ALL LIGHT FIXTURES.
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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.

GENERAL NOTES-OVERALL PROJECT

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

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- 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.
- 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
- F. WHERE APPLICABLE, PROVIDE TOGGLE STYLE LIGHT SWITCHES.

- 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.

MECHANICAL EQUIPMENT PROVIDED BY MECHANICAL CONTRACTOR, WIRED

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
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- DEVICE WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN. 10. COORDINATE LOCATION AND REQUIREMENTS OF BUILDING CALL BOX, 2N
- INTERCOM SYSTEM, WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN. 11. INSTALL FIOPTIC 4-GANG AND QUAD OUTLET IN CABINET ABOVE
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- 15. PROVIDE 120 VOLT DEDICATED CIRCUIT FOR SPRINKLER RISER TAMPER AND FLOW SWITCH. COORDINATE LOCATION WITH FIRE PROTECTION CONTRACTOR.

GENERAL NOTES-POWER

- 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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- 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.
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- 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.

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 BATHROOM DEVICES 2 COUNTER HEIGHT SWITCHES ... **DEVICES** EXPOSED CONDUITS FOR RECEPTACLES TO BE ROUTED FROM BELOW

STANDARD MOUNTING HEIGHTS



Checked By: PRS Drawn by: AJW **ENGINEERED** TEAMWORK COLLABORATION

Progress Dates

05/05/2023 BID P/E/FP

08/30/2024 BID SET 2

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809

Job No: 22042

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

- 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. b. All work shall be done at times convenient to the owner and only during normal
- working hours, unless specified otherwise.

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

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.

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 equipment with utility provider prior to start of work and furnish and install
- required items per utility company's installation requirements and/or manuals. Submittals
- 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 based on construction drawings.

Shop 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.

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

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

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

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 600v 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
- 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

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.

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.

Electrical contractor shall provide plaster ring and pull string from each device

			FINDLAY	FLATS LUMINAIRE SCHED	ULE		
CALLOUT	SYMBOL	LAMP	DESCRIPTION	MODEL	INPUT VA	NOTES	LOCATIONS
EM	Ľ	(2) 1W LED	EMERGENCY WALL PACK HIGH CAPACITY	SURE LITES - SEL50	1		
EMW	ю	(1) 15W LED	EMERGENCY WALL PACK	MEZZO - MEZ LED ACEM DB 120/277 CL	15		
EX	Ø\$	(1) 1.31W LED	EXIT FIXTURE	SURE-LITES - APX7R	1.31		
EX/EM	Ø\$	(1) 1.31W LED	COMBINATION EXIT/EMERGENCY FIXTURE	SURE-LITES - APCH7R	1.31		
F1		(1) 38W LED/FAN	36" CEILING FAN	HUNTER - 59301	38	FRESH WHITE	LIVING ROOM AND BEDROOM
F2		(1) 54W LED	52" CEILING FAN	HUNTER - 51433	54	FRESH WHITE	LIVING ROOM AND BEDROOM
RH1	4	(1) 0.78W LED	SINGLE REMOTE HEAD	SURE-LITES - APWR1	0.78		
SM1	0	(1) 9.7W LED	4" ROUND SURFACE MOUNT DOWNLIGHT	HALO - SMD4	9.7	WHITE FINISH	GENERAL DOWNLIGHT THROUGHOUT, U.N.O.
SM2	0	(1) 9.7W LED	4" ROUND SURFACE MOUNT DOWNLIGHT - DAMP RATED	HALO - SMD4	9.7	WHITE FINISH	CEILING DOWNLIGHTS IN SHOWERS
SM3	0	(1) 9.7W LED	4" ROUND SURFACE MOUNT DOWNLIGHT	HALO - SMD4	9.7	WHITE FINISH	CEILING DOWNLIGHTS IN CORRIDORS
SM8	0	(1) 31.4W LED	2X2 LED PANEL LIGHT FIXTURE	METALUX - CGT LED PANEL SERIES	31.4		COMMERCIAL FIRST FLOOR ONLY
SM13	0	(1) 9W LED	SURFACE MOUNT ENTRY VESTIBULE LIGHT	EFFECIENT LIGHTING - EL-831-109E26LED-BN	9	POWDER COAT BLACK	STAIR HALL ENTRY VESTIBULE LIGHT - 1ST FLOOR ONLY
ST1	——	(1) 18W LED	4' LED STRIP LIGHT	METALUX - 4SNLED-LD5-28SL-UNV-L835-CD1-U	18		BASEMENT AND ATTIC ONLY
TL1	<u>5-5-6</u>	(1) 10.5W LED	TRACK LIGHT - HEAD	HALO - L81208FL9027P L651P	10.5		COMMERCIAL 1ST FLOOR ONLY
V1	Н	(1) 25W LED	LED VANITY LIGHT	EFFICIENT - EL222L-24	25	BLACK	RESIDENTIAL AND COMMERCIAL BATHROOMS
WM1	ю	(1) 15W LED	EXTERIOR LED LIGHT FIXTURE	LIGMAN LIGHTING USA - UJE-30351 - XX - X - W30 - 01	15	COLOR 01-BLACK RAL 9011	EXTERIOR - DARK SKY COMPLIANT
WM5	ю	(1) 15W LED	EXTERIOR LED LIGHT FIXTURE	STEEL LIGHTING CO - VENICE WALL MOUNT - A09-01- ST11-01-XX-01 (3000K LED LAMP)	15	11" STRAIGHT ARM (VERIFY MOUNTING WITH ARCHITECT)	EXTERIOR - DARK SKY COMPLIANT

	ITING FLUSH FROM UTILITY	PULLBOX	BUS	TS 208Y, S AMPS 6 TRAL 10 0	00	P 4W			AIC T.B.D. MAIN BKR 6 LUGS STAND		
CKT	BREAKER	CIRCUIT DESCRIP	TION		LOAD KVA					NULLOTORS	
#	TRIP/POLES		TION		4.7	5. 57	С		RACEWAY AND CO		
1 2 3 4	400/3 100/3 150/2 150/2	C1 H1 UNIT 201 UNIT 301					6.56 7.6 24.9	6 1-1/4"C,3#1 AL,#1 AL N			
		TOTAL CONN	ECTED KVA B	Y PHASE	57.8	35.8	39.1				
	ONAL MULTIFAM	IILY DWELLING CALO	CULATION (NEC	220.84)							
			,		DWELLIN	G UNIT L	OADS				
			KVA							KVA	
LIGE	HTING AND REC	EPTACI ES	6.35	2,115 SF		CON	NECTED	LOAD		90.5	•
	ALL-APPLIANCE		6	(3 VA/SF)		DWE	LLING UI	NITS		2	
	NDRY		3			DEM	AND FAC	TOR		(NEC	
	LIANCES		27.5							220.85)	
ELE	CTRIC COOKING	}	17			CAL	CULATED	LOAD		61.1	
MOT	ORS		0.5								
HEA	TING		30.2	(100%)							
COC	DLING		10.4	(0%)							
					HOU	SE LOAD	S				
		CONN KVA	CALC KVA	_					CONN KVA	CALC KVA	
LIGH	HTING	0.577	0.721	(125%)		CON	TINUOUS	3	4.5	5.63	(125%)
LAR	GEST MOTOR	14.5	3.63	(25%)		NON	CONTINU	JOUS	1.96	1.96	(100%)
	ORS	2.55	2.55	(100%)		HEA			5	0	(0%)
REC	EPTACLES	3.96	3.96	(50%>10)		COO	LING		6.82	6.82	(100%)
						TOT	AL HOUS	E LOAD		25.3	
					TO	TAL LOAD)				
			KVA							KVA	
TOT	AL DWELLING U	INIT LOAD	61.1			TOT	AL LOAD			86.4	
TOT	AL HOUSE LOAD)	25.3			BALA	ANCED 3-	PHASE LO	AD	240 A	

Meter Center Breakdown (MC)							
220.84 Multi-Family Calculation	KVA	Qty	Total KVA				
UNIT 201	45.61	1	45.61				
UNIT 301	44.93	1	44.93				
Total Quantity and Conne	cted Load =	2	90.55				

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

Revisions

Checked By: PRS

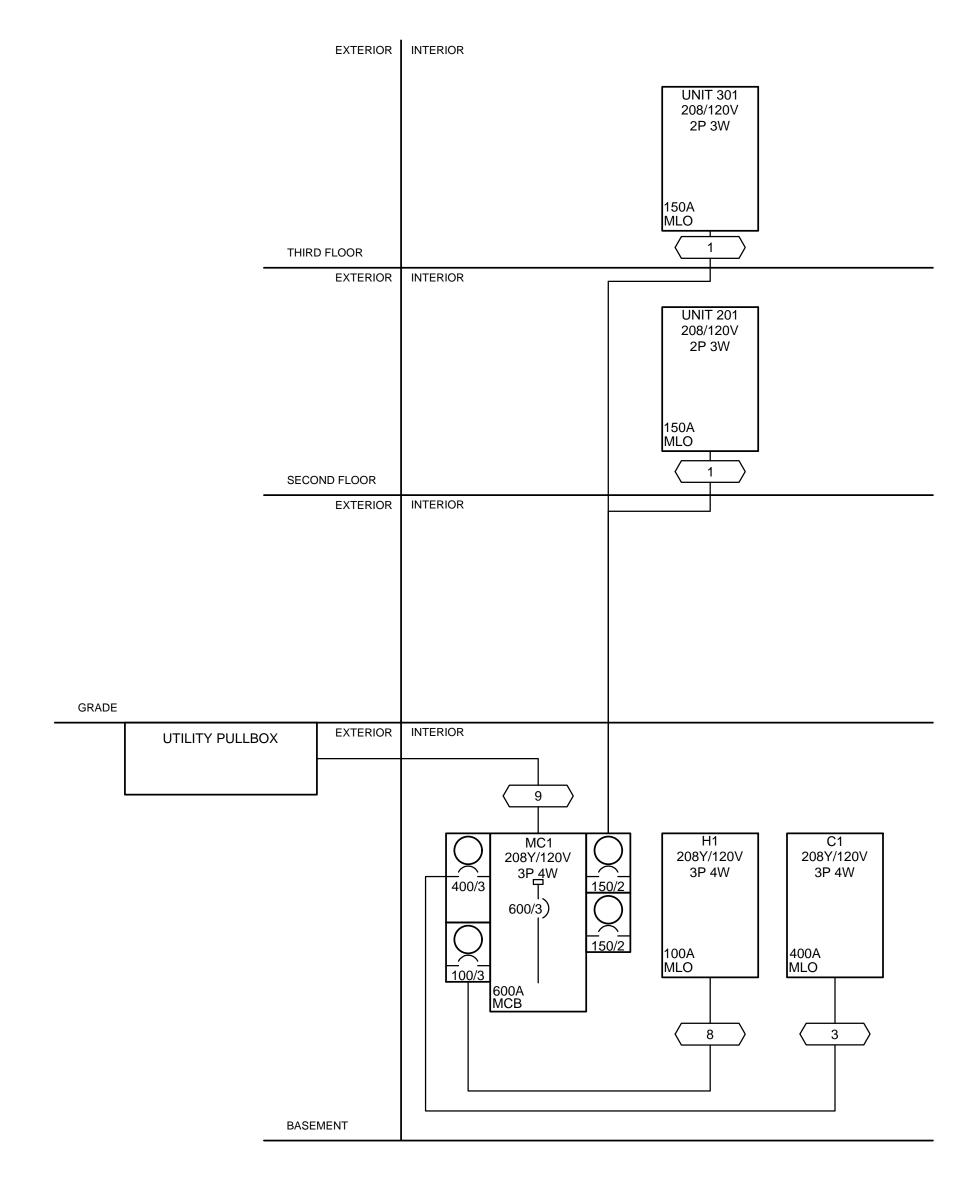
Drawn by: AIW



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SPECIFIC PURPOSE FOR WHICH IT WAS PREPAR WITHOUT WRITTEN CONSENT OF ENGINEERED BUILDING SYSTEMS, INC.

Job No: 22042



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

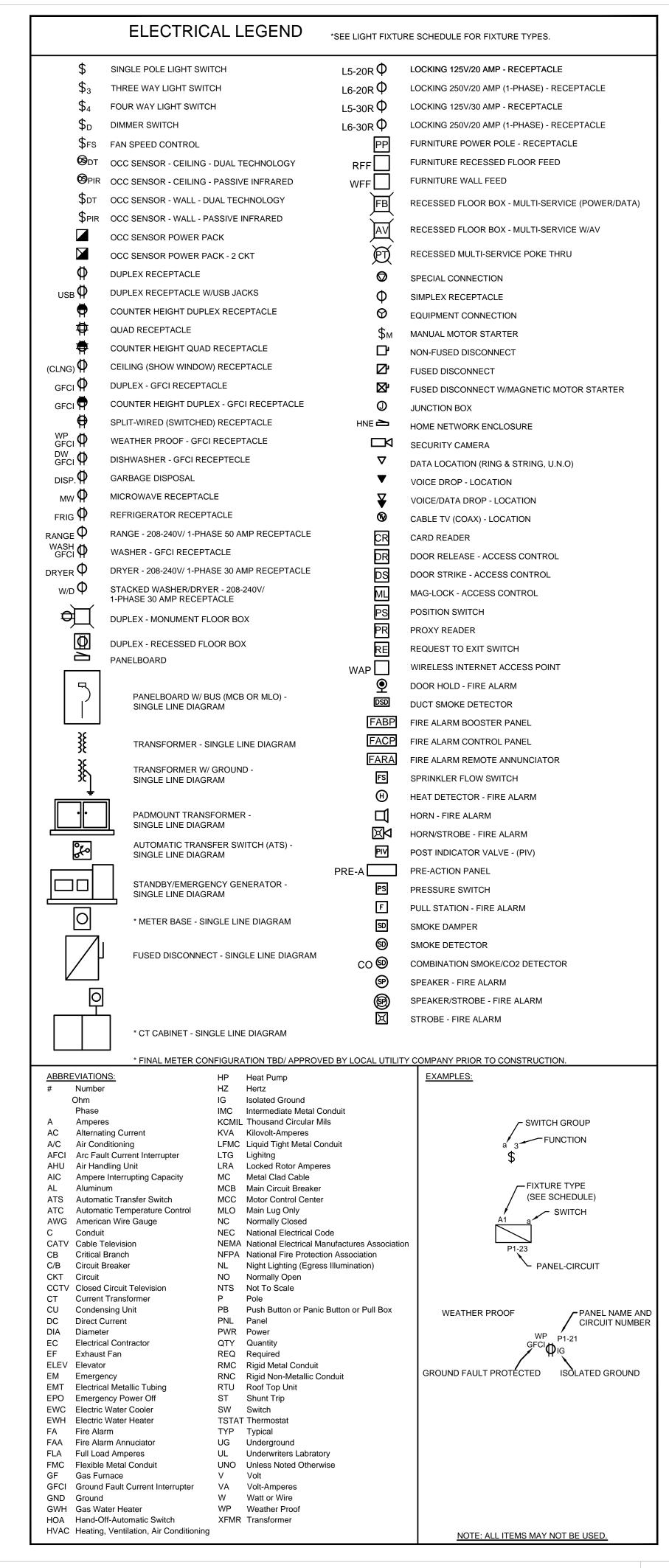
A. EBS DRAWINGS INDICATE DESIGN INTENT AND REQUIRED OUTCOMES. IF CONDITIONS ARISE IN THE FIELD THAT REQUIRE DEVIATIONS FROM THE DRAWINGS IT IS ASSUMED THAT THE CONTRACTOR WILL DETERMINE THE APPROPRIATE DEVIATION WITH APPROVAL FROM THE OWNER. EBS IS AVAILABLE TO ASSIST WHEN REQUIRED IF ISSUES ARISE.

GENERAL NOTES-SINGLE LINE DIAGRAM

- A. ALL BREAKERS SHALL BE RATED TO WITHSTAND THE AVAILABLE FAULT CURRENT AT THEIR LOCATION. WHERE SERIES- RATED COMBINATIONS ARE USED IN ACCORDANCE WITH NEC 240.86 (B) AND (C) THE CONTRACTOR AND/OR HIS EQUIPMENT SUPPLIER MUST PROVIDE APPROPRIATE DOCUMENTATION AND LABELING.
- B. WHERE BREAKERS WITH ADJUSTABLE SETTINGS ARE FURNISHED TO THE PROJECT. THE MANUFACTURER'S REP SHALL IDENTIFY AND PROVIDE THE APPROPRIATE SETTINGS TO THE ELECTRICAL CONTRACTOR FOR HIS USE IN INSTALLATION.
- C. PANEL SCHEDULES INDICATE BREAKER SIZE ONLY. PROVIDE AFCI/GFCI PROTECTION AS REQUIRED BY NEC. COORDINATE FINAL BREAKER SIZES/TYPES FOR ITEMS FURNISHED BY OTHERS WITH SHOP DRAWINGS OR PRODUCT INFORMATION FOR ACTUAL EQUIPMENT BEING CONNECTED
- D. ELECTRICAL CONTRACTOR SHALL NOT ORDER OR PURCHASE ANY MATERIALS OR EQUIPMENT UNTIL PERMIT DRAWINGS HAVE BEEN APPROVED BY AHJ.

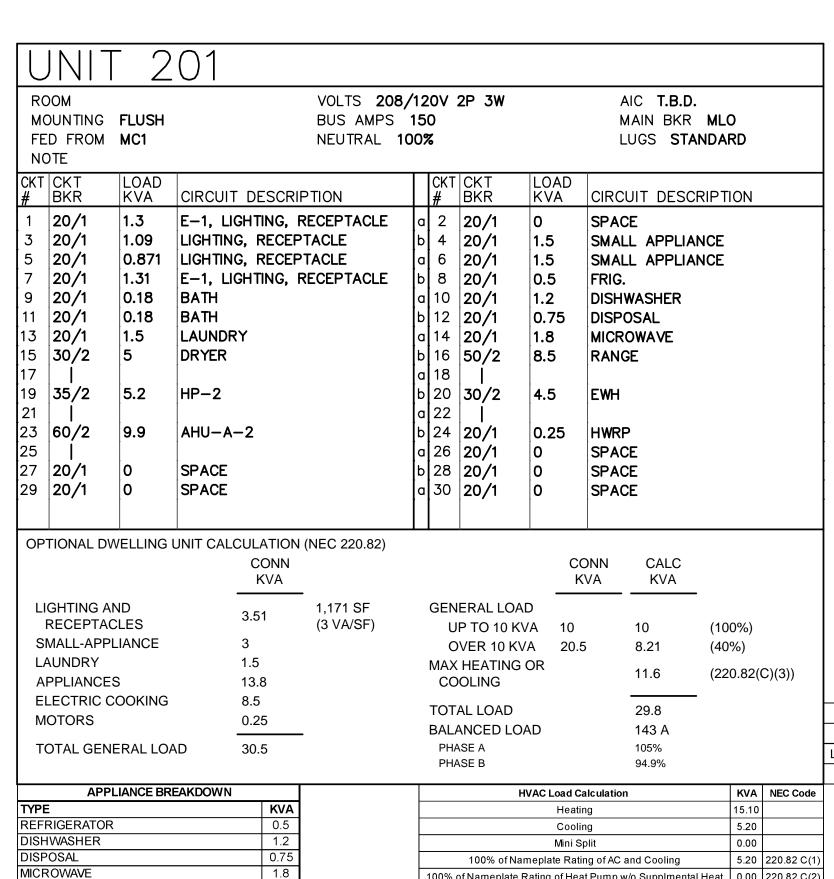
 F. PROVIDE SELECTIVE COORDINATION FOR EMERGENCY SYSTEM
- E. PROVIDE SELECTIVE COORDINATION FOR EMERGENCY SYSTEM OVERCURRENT PROTECTION DEVICES IN ACCORDANCE WITH NEC 700.27.
- F. PROVIDE GROUND-FAULT PROTECTION FOR EQUIPMENT IN ACCORDANCE WITH NEC 240.13 AND NEC 230.95.
- G. OVERCURRENT PROTECTION DEVICES SUPPLYING TRANSFORMERS WHICH ARE NOT LOCATED WITHIN SIGHT OF THEIR OVERCURRENT PROTECTION SHALL BE LOCKABLE AND THE TRANSFORMER SHALL BE FIELD MARKED WITH THE LOCATION OF THE OVERCURRENT PROTECTION DEVICE.
- 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.

SIZING METHOD: COMPACT AL 75°C 100A AND ABOVE, CU 75°C BELOW 100A



202 **W** Progress Dates 05/05/2023 BID P/E/FP 08/30/2024 BID SET 2 Revisions Checked By: PRS Drawn by: AJW **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 EXCLUSIVE PROPERTY OF ENGINEERED BUILDING SYSTEMS, INC NEITHER THE DOCUMENT NOR THE INFORMATION I SPECIFIC PURPOSE FOR WHICH IT WAS PREPARE WITHOUT WRITTEN CONSENT OF ENGINEERED BUILDING SYSTEMS, INC. NE NE 8

Job No: 22042 8/10/2022



WATER HEATER

REFRIGERATOR

DISHWASHER

DISPOSAL

DRYER

MICROWAVE

WATER HEATER

HOW WATER RECIRC PUMP

0.25

14.00

HOW WATER RECIRC PUMP

DRYER

4.5

5 0.25 **14.00**

100% of Nameplate Rating of Heat Pump w/o Supplmental Heat | 0.00 | 220.82 C(2)

Heat Pump plus 65% of Supplemental Heat

Largest Heating or Cooling Load

11.64 220.82 C(3)

15.10 220.84 C(5)

15.10

5.20

0.00

5.20 220.82 C(1)

11.64 220.82 C(3)

15.10 220.84 C(5)

Heating

Cooling

Mini Split

100% of Nameplate Rating of AC and Cooling

Heat Pump plus 65% of Supplemental Heat

Largest Heating or Cooling Load

100% of Nameplate Rating of Heat Pump w/o Supplmental Heat | 0.00 | 220.82 C(2)

KVA
30.51
15.10
45.61

Multi-Family Dwelling Unit Calc Total General Load

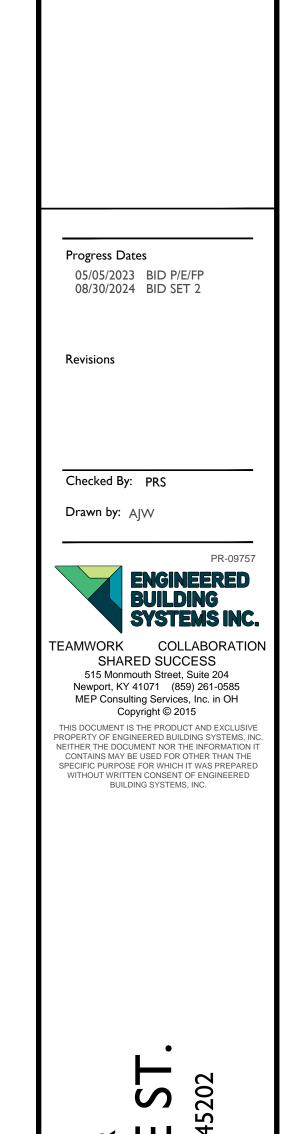
Largest Heating or Cooling Load 220.84 15.10 220.84 CONNECTED LOAD CALC 44.93

29.83

ROOM MOUNTING FED FROM NOTE			VOLTS 208 BUS AMPS NEUTRAL	15	0	2P 3W		N	AIC T.B.D. MAIN BKR LUGS STA	MLO	
CKT CKT # BKR	LOAD KVA	CIRCUIT D	ESCRIPTION		CKT #	CKT BKR	LOAD KVA	CIRC	UIT DESC	RIPTION	
1 20/1 3 20/1 5 20/1 7 20/1 9 20/1 11 30/2 13 15 35/2 17 19 60/2 21 23 20/1 25 20/1 27 20/1 29 20/1	0.973 1.08 1.36 0.18 1.5 5 5.2 9.9 0 0	LIGHTING, E-1, LIGH	RECEPTACLE TING, RECEPTACLE RECEPTACLE	а Б а	2 4 6 8 10 12 14 16 18 20 22 24 26 28	20/1 20/1 20/1 20/1 20/1 20/1 50/2 30/2 20/1 20/1 20/1 20/1 20/1	1.5 1.5 0.5 1.2 0.75 1.8 8.5 4.5 0.25 0	SMAI SMAI FRIG DISH DISP	LL APPLIA LL APPLIA WASHER OSAL OWAVE GE CE CE CE	NCE	
LIGHTING A RECEPTA SMALL-APP LAUNDRY APPLIANCE ELECTRIC (MOTORS	ND CLES LIANCE S COOKING	2. 3 1. 13 8. 0.	3.8		U MAX CC TOT. BAL/ PH/	ERAL LOAP TO 10 K VER 10 K HEATING OOLING AL LOAD ANCED LOASE A	AD IVA 10 VA 19.8 I OR	DNN VA	CALC KVA 10 7.93 11.6 29.6 142 A 102% 98%	(100%) (40%) (220.82	2(C)(3))

	11												
	OOM DUNTING	FLUSH			VOLTS 20 BUS AMPS			3P 4W				AIC T.B.D MAIN BKR	
FE	D FROM DTE	MC1			NEUTRAL							LUGS STA	
KT #	CKT BKR	LOAD KVA	CIRCUI	T DESCRI	PTION		CKT #	CKT BKR	LO, KV,		CIRC	CUIT DESC	RIPTION
1 5 7 9 1 3	20/1 20/1 20/1 20/1 20/1 20/1 20/1	0.36 0.5 1 0.96 0.18 0.54 0.18	DH-1	LARM PAI DEHUMID TACLE TACLE		c	4	20/1 20/1 20/1 60/3 20/1	0.0 0.0 0.0 14.	8 75 5	(DPE PUM (SR)	TING ERIOR LIGH B) DOMES ^T P SPRINKLE	TIC BOOSTER ER RISER
5 7 9 21 23	20/2 20/2 20/1	2 2 0.1	H-1 H-1 E-2			c a b	16 18 20 22 24	20/1 20/1 20/1 20/1 20/1	0 0 0 0		MON SPAC SPAC SPAC SPAC	CE CE CE	YSTEM
	•		CONN KVA	CALC KVA					\		NN VA	CALC KVA	
L	GHTING ARGEST MOTOR		0.227 14.5	0.284	(125%) (25%)		REC NON	ORS EPTACLES CONTINUC TING		14.6 1.26 1.96 5		14.6 1.26 1.96 5	(100%) (50%>10) (100%) (100%)
							BALA LO PHA PHA	AL LOAD ANCED 3-P AD ASE A ASE B ASE C	HAS	E		26.8 74.3 A 103% 98.7% 98.4%	-

-E	OOM OUNTING ED FROM OTE	FLUSH MC1			VOLTS BUS AN NEUTRA	1PS 40	00	V 3P	4W		M		.D. R MLO TANDARD	
⟨ T	CKT BKR	LOAD KVA	CIRCUIT	DESCRI	PTION		CK #	T CKT BKR		LOAD KVA	CIRCU	IT DES	SCRIPTION	
	20/1 20/1 20/1 20/1 30/1 50/2 30/2 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	0.313 0.9 0.9 0.72 2.42 6.82 4.5 0 0 0 0 0 0	LIGHTIN RECEPT RECEPT RECEPT E-3, G RECEPT CU-5 EWH HWRP SPACE	ACLE ACLE ACLE F-4, LIGI	HTING,		2 4 6	20/ 20/ 20/ 20/ 20/ 20/ 20/ 20/ 20/ 20/	1 1 1 1 1 1 1 1 1 1 1 1	0.001 0 0 0 0 0 0 0 0 0 0 0 0	LIGHTI SPACE			
L	IGHTING ARGEST MOTOR		CONN KVA 0.349 6.82	CALC KVA 0.437 1.71	- (125%) (25%)		RE CC CC TO BA Le	OTORS CEPTA ONTINU OCLING TAL LC LANCE OAD HASE A HASE B	OUS AD	2.45 2.7 4.5 6.82		CALC KVA 2.45 2.7 5.63 6.82 19.7 54.8 A 87.8% 98.5% 114%		



809

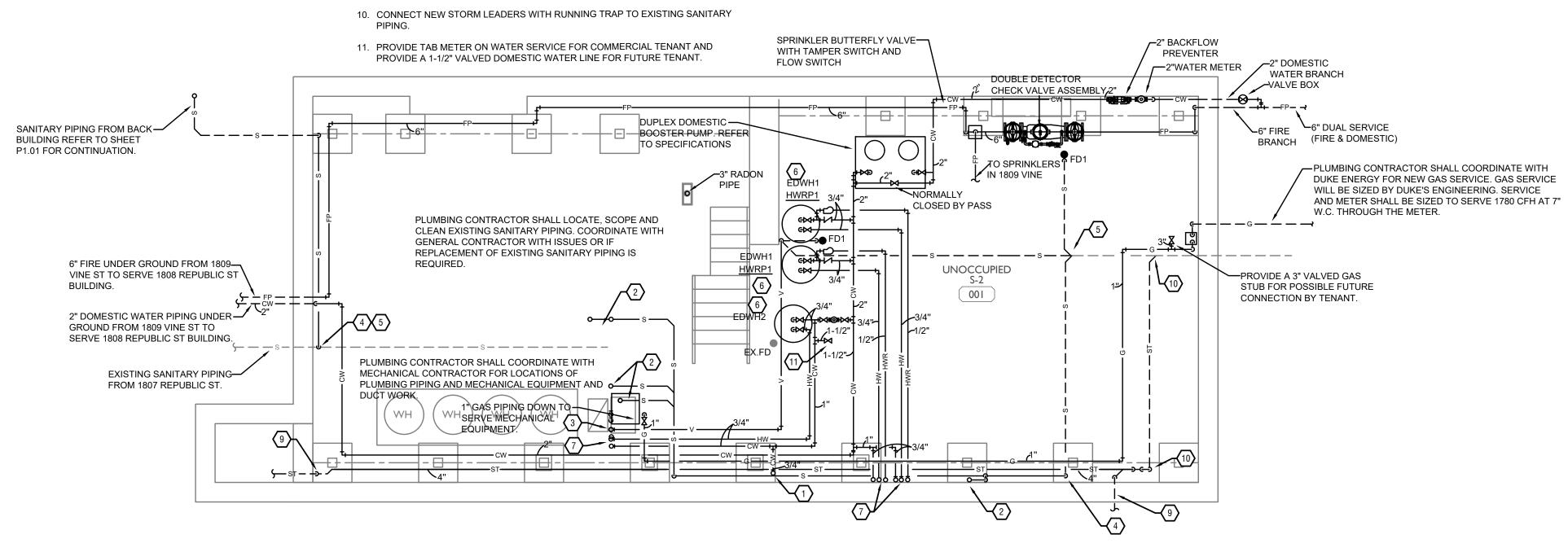
Job No: 22042 8/10/2022

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		PLUMBING LEGEND
SYN	MBOL	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
RD	©	ROOF DRAIN
<u>OD</u>	©	OVERFLOW DRAIN
	₩	BALL VALVE
	v—	CHECK VALVE
	∞ —	BALANCING VALVE
co	0	CLEANOUT
WH	н	FROST PROOF WALL HYDRANT
(#	VENT THROUGH ROOF RISER INDICATOR
	O	HOT WATER RETURN PUMP

PLUMBING BASEMENT KEYED NOTES

- 1. 3/4" COLD WATER PIPING UP TO SERVE WALL HYDRANT ON FLOOR ABOVE.
- 2. SANITARY PIPING UP TO FLOOR ABOVE. REFER TO ISOMETRICS FOR PIPE SIZES.
- 3. VENT PIPING UP TO FLOOR ABOVE. REFER TO ISOMETRICS FOR PIPE SIZES.
- 4. SANITARY PIPING DOWN UNDER SLAB. REFER TO ISOMETRICS FOR PIPE SIZES.
- 5. CONNECT NEW SANITARY PIPING TO EXISTING SANITARY PIPING.
- 6. 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.
- 7. HOT AND COLD WATER PIPING UP TO FLOOR ABOVE.
- 8. 3/4" COLD WATER, 3/4" HOT WATER AND 1/2" HOT WATER RETURN PIPING UP TO
- 9. 4" STORM PIPING DOWN FROM FLOOR ABOVE.





SCOTT SEVERT STILKEY E-77755

Progress Dates

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

Revision

Checked By: sss

Drawn by: DAG



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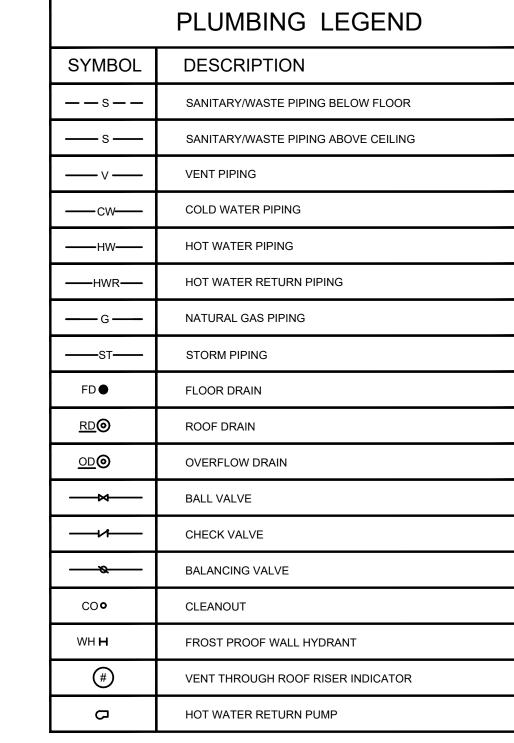
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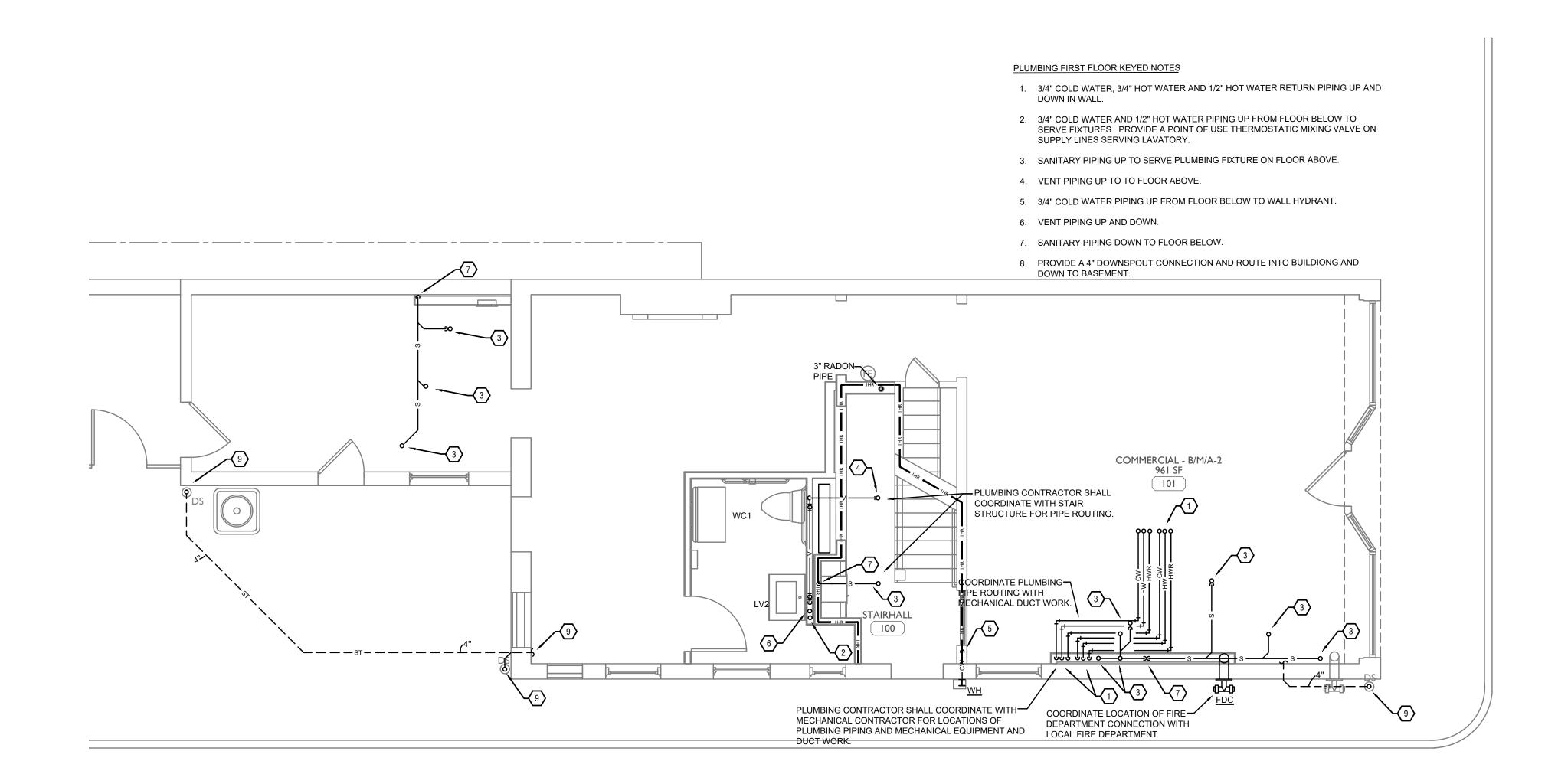
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O9 VINE ST.

Job No: 22042 8/10/2022

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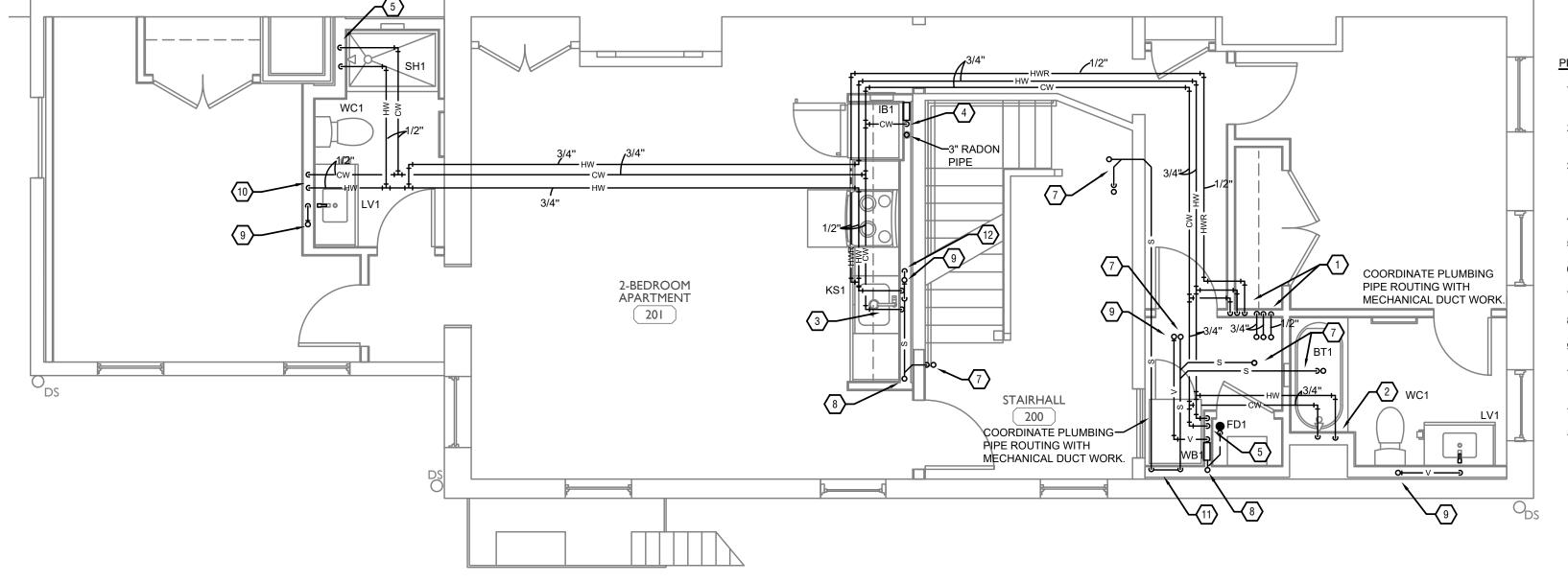
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Job No: 22042 8/10/2022

SYMBOL	DESCRIPTION
s	SANITARY/WASTE PIPING BELOW FLOOR
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
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FD●	FLOOR DRAIN
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	BALANCING VALVE
CO •	CLEANOUT
WH H	FROST PROOF WALL HYDRANT
#	VENT THROUGH ROOF RISER INDICATOR
O	HOT WATER RETURN PUMP

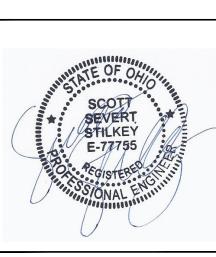


PLUMBING SECOND FLOOR KEYED NOTES

- 3/4" COLD WATER, 3/4" HOT WATER AND 1/2" HOT WATER RETURN PIPING UP AND DOWN IN WAI L.
- 3/4" HOT AND COLD WATER DOWN IN WALL. 1/2" HOT AND COLD WATER TO LAVATORY AND SHOWER. 1/2" COLD WATER PIPING TO SERVE WATER CLOSET.
- 1/2" HOT AND COLD WATER PIPING DOWN IN WALL. 1/2" HOT AND COLD WATER PIPING TO SERVE KITCHEN SINK AND EXTEND A 1/2" HOT WATER LINE TO SERVE DISHWASHER.
- 4. 1/2" COLD WATER PIPING DOWN TO VALVE BOX TO SERVE REFRIGERATOR.
- 5. 1/2" HOT AND COLD WATER TO SERVE PLUMBING FIXTURE.
- 6. VENT PIPING UP AND DOWN.
- 7. SANITARY PIPING UP TO FLOOR ABOVE
- 8. SANITARY PIPING UP AND DOWN.
- 9. VENT PIPING UP TO FLOOR ABOVE.
- 1/2" HOT AND 3/4" COLD WATER DOWN IN WALL. 1/2" HOT AND COLD WATER TO SERVE SHOWER AND 1/2" COLD WATER TO SERVE WATER CLOSET.
- 11. SANITARY PIPING DOWN.
- 12. VENT PIPING UP FROM FLOOR BELOW.



PLATTE



Progress Dates

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PR-09757

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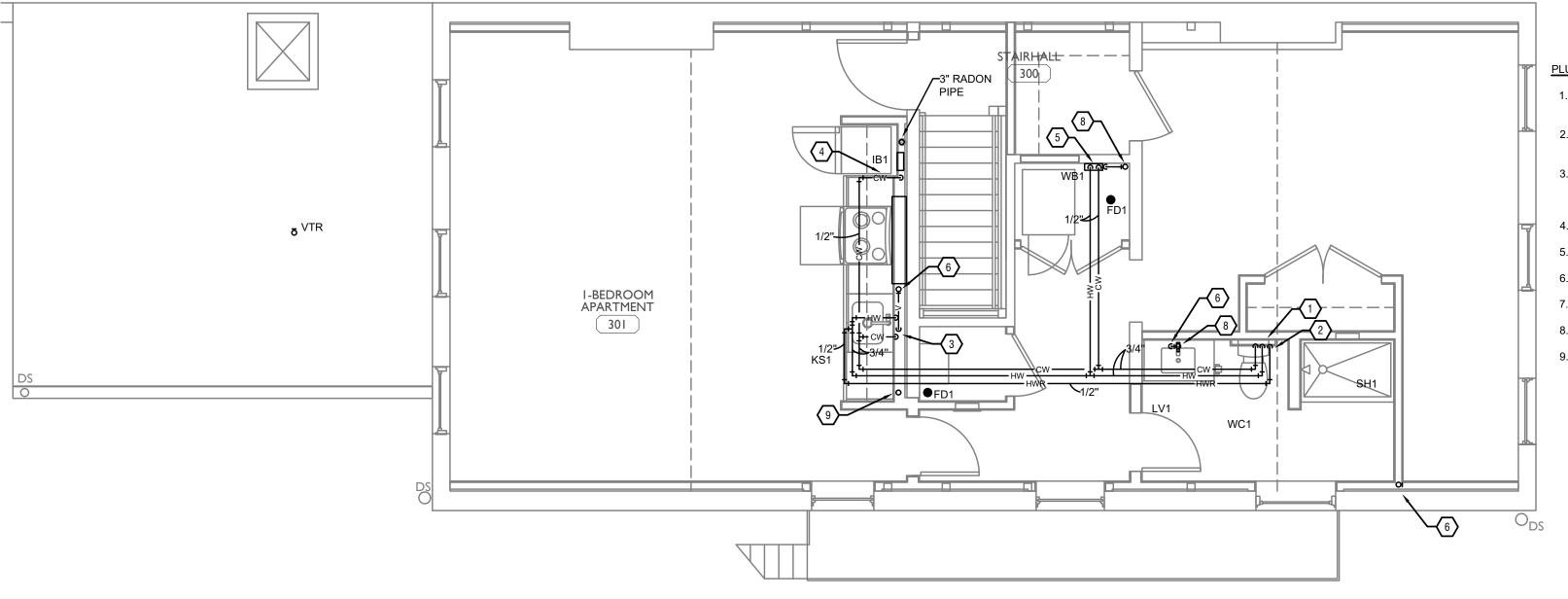
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Job No: 22042 8/10/2022

P1.02

	PLUMBING LEGEND
SYMBOL	DESCRIPTION
s	SANITARY/WASTE PIPING BELOW FLOOR
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
st	STORM PIPING
FD●	FLOOR DRAIN
<u>rd</u> ©	ROOF DRAIN
<u>od</u> ©	OVERFLOW DRAIN
── ₩──	BALL VALVE
<u> </u>	CHECK VALVE
	BALANCING VALVE
COo	CLEANOUT
WH H	FROST PROOF WALL HYDRANT
#	VENT THROUGH ROOF RISER INDICATOR
O	HOT WATER RETURN PUMP



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- 2. ROUTE 3/4" HOT AND COLD WATER IN WALL. 1/2" HOT AND COLD WATER TO LAVATORY AND SHOWER. 1/2" COLD WATER PIPING TO SERVE WATER CLOSET.
- DISHWASHER.
- 6. VENT PIPING UP AND DOWN.
- 7. VENT PIPING UP FROM FLOOR BELOW.

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Job No: 22042 8/10/2022

PLUMBING THIRD FLOOR KEYED NOTES

3/4" COLD WATER, 3/4" HOT WATER AND 1/2" HOT WATER RETURN PIPING UP AND DOWN IN WALL.

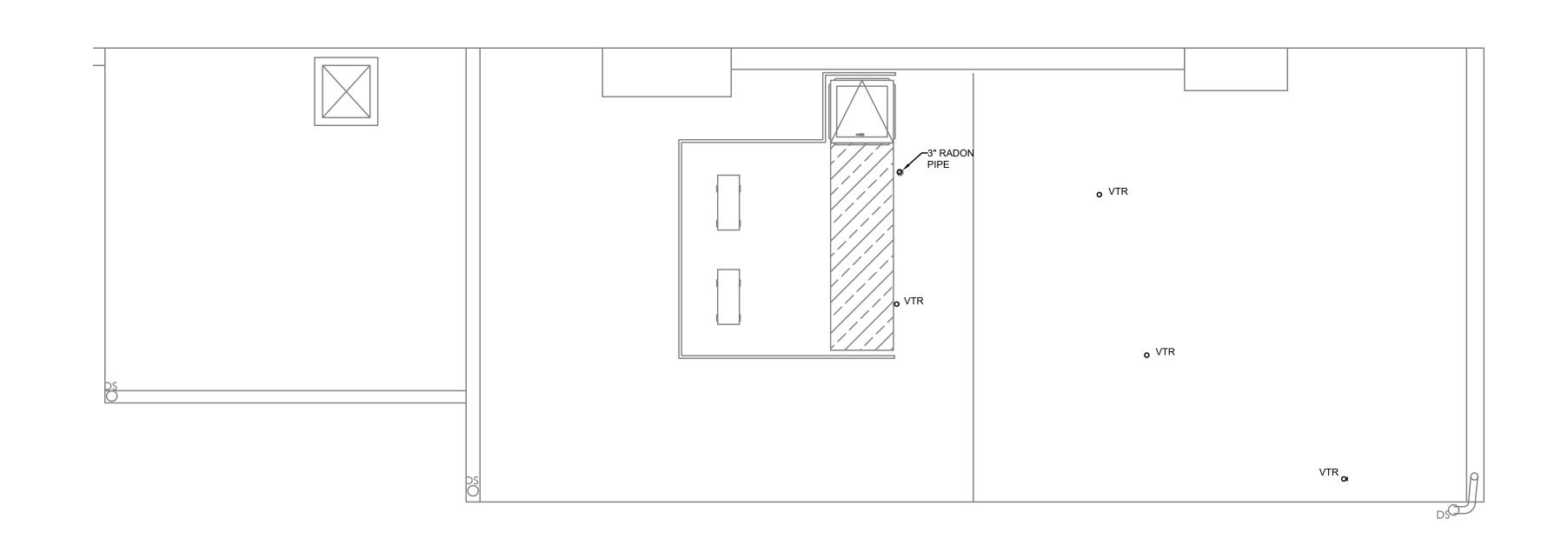
3. 1/2" HOT AND COLD WATER PIPING DOWN IN WALL. 1/2" HOT AND COLD WATER PIPING TO SERVE KITCHEN SINK AND EXTEND A 1/2" HOT WATER LINE TO SERVE

4. 1/2" COLD WATER PIPING DOWN TO VALVE BOX TO SERVE REFRIGERATOR.

5. 1/2" HOT AND COLD WATER TO SERVE PLUMBING FIXTURE.

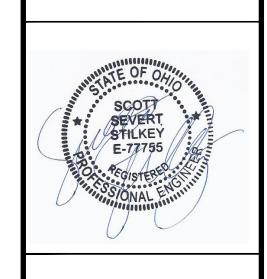
8. VENT PIPING UP TO FLOOR ABOVE.

9. SANITARY PIPING DOWN.



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Job No: 22042 8/10/2022

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
- 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
- ARCHITECT. ALL DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT FOR 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
- WILL BE APPROVED WITHOUT THIS CERTIFICATE. k, ALL WORK SHALL BE ACCURATELY LAID-OUT WITH OTHER TRADES, PRIOR TO INSTALLATION & FABRICATION, TO AVOID ALL CONFLICTS AND OBTAIN A NEAT AND WORKMANLIKE INSTALLATION WHICH WILL AFFORD MAXIMUM ACCESSIBILITY FOR EQUIPMENT OPERATION, MAINTENANCE CLEARANCES AND HEADROOM.

CERTIFICATE OF FINAL INSPECTION AND APPROVAL SHALL BE SUBMITTED

WITH THE CONTRACTOR'S REQUEST FOR PAYMENT. NO FINAL PAYMENT

- 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 TRANSI UCENT 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 POLYVINY) 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

b. CPVC PIPING LARGER THAN 2" SHALL BE EQUAL TO CORZAN - THIS 9. HOSE BIBS AND HYDRANTS SPECIFICATION COVERS THE MANUFACTURING REQUIREMENTS FOR CPVC

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

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

FITTINGS ARE EXTRUDED/MOLDED FROM CPVC COMPONINGS. THE PIPE

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

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

COMPOUNDS, FIREWALL PENETRATION SEALING COMPOUNDS, AND

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

3. 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

EDWH1 A.O SMITH

WC1 | FLOOR-SET TANK

AAV1 AIR ADMITTANCE VALVE

IB1 ICE MAKER WATER SUPPLY BOX

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

FIXTURE DESCRIPTION

SHOWER CONTROLS AND SHOWER

MODEL

HEIGHT

FIXTURE MANUFACTURER

REDUCED PRESSURE BACKFLOW PREVENTER TO BE EQUAL TO WATTS

SERIES LF919QT. APPROVED MANUFACTURERS OF EQUAL PRODUCTS

100 OR EQUAL PUMP MANUFACTURED BY ARMSTRONG, GRUNDFOS, OR

e. ADJUST ALL STOPS AND VALVES PROPERLY PRIOR TO PROJECT

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

AND BOXES AT FIXTURES.

HOURS OF OPERATION.

7. TAB METERS FOR DOMESTIC WATER

MANUFACTURER.

COMPLETION.

LENGTHS, AS DIRECTLY AS POSSIBLE TO REMOTE MANIFOLD WITH MINIMUM

SHALL BE SPACED AT 32" MINIMUM HORIZONTALLY AND 60" VERTICALLY 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, AND APPROVED BY THE FITTINGS MANUFACTURERS.

WITH POTABLE WATER. DIMENSIONS, TOLERANCES AND PHYSICAL

FITTINGS ARE MANUFACTURED IN NORTH AMERICA AND MEET OR EXCEED

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

12. TRAP SEAL PROTECTION

STRAINER.

- 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 PVC SOCKET SOLVENT WELD FITTINGS CONFORMING TO ASTM D2665, MADE TO ASTM D3311, DRAIN, WASTE, AND VENT PATTERNS.

14. STORM PIPING SPECIALTIES

CONNECTION

FIXTURE MODEL

MODA WITH SURE-VENT

AMERICAN STANDARD CADET 3 WITH CONCEALED TRAPWAY NOT APPLICABLE

GALLON

- 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

KW INPUT

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
- 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 3/4" AND SMALLER SHALL BE INSULATED TO MAINTAIN ITS PLENUM RATED PROPERTY IF 18" SEPARATION BETWEEN THE

ADDITIONAL INFORMATION

KOHLER, AMERICAN STANDARD,

YMMONS, POWERS, DELTA

|GENERAL/ADA |FLOOR

ADDITIONAL INFORMATION

PROVIDE FIRE-RATED BOX IF INSTALLED IN FIRE-RATED

PROVIDE FIRE-RATED BOX IF INSTALLED IN FIRE-RATED

ROVIDE WITH LOUVERED FACEPLATE # 37534.

1.75 GPM MATTE BLACK FINISH

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

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 PRIOR TO BIDDING WORK. 26. FLASHING & COUNTERFLASHING

- a. PROVIDE ROOF FLASHING AND COUNTERFLASHING FOR ALL ROOF PENETRATIONS.
- 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

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. BACKFILL 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.
- 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.

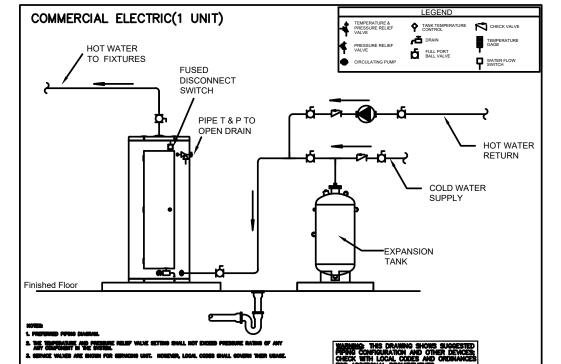
- a. SUBMIT TO THE ARCHITECT PDF FILE COPIES OF COMPLETE & CERTIFIED SHOP DRAWINGS, DESCRIPTIVE DATA, PERFORMANCE DATA & RATINGS, DIAGRAMS AND SPECIFICATIONS ON ALL SPECIFIED EQUIPMENT, INCLUDING ACCESSORIES, AND MATERIALS FOR REVIEW.
- b. THE MAKE, MODEL NUMBER, TYPE, FINISH & ACCESSORIES OF ALL EQUIPMENT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

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. END OF DIVISION 22 - PLUMBING

GAS INPUT SCHEDULE FOR 1809 VINE ST. SERVICE ADDRESS: 1809 VINE ST. CINCINNATI, OH TOTAL EQUIVALENT LENGTH OF PIPE: 150' GAS SERVICE LENGTH: TBD REOUIRED DELIVERY PRESSURE: 7"W.C. NUMBER OF METERS: 1 **EQUIPMENT** LOAD (CFH) FURNACE FUTURE GAS LOAD **BUILDING TOTAL**



SH2 SHOWER CONTROLS AND SHOWER PAN		KOHLER K-8639-0 LEFT - K8638-0 RIGH		PEERLESS	PTT188782-BL	N/A	KOHLER, AMERICAN STANDARD, SYMMONS, POWERS, DELTA	1.75 GPM MATTE BLACK FINISH		
BT1 BA		AMERICAN STANDARD		PRINSTON 60"	PEERLESS PTT188792-BL		N/A	KOHLER, AMERICAN STANDARD, SYMMONS, POWERS, DELTA	MATTE B;ACK FINSH	
KS1 KIT	KS1 KITCHENETTE SINK PF		ı	PLOMOSA 24"	PEERLESS	P188152LF	ELKAY, JUST	ELKAY, JUST, MOEN, DELTA	PULL DOWN HEAD STAINLES STEEL FINISH 1.5 GPM W/CRUMB CUP STRAINER	
WB1 WA	VB1 WASHER SUPPLY/DRAIN BOX		I	MODA	N/A	N/A	SYMMONS, GUY GRAY, SIOUX CHIEF, OATEY	N/A	PROVIDE FIRE-RATED BOX IF INSTALLED IN FIRE-RATED WALL	
						DRAIN SCHED	II E			
						DIVATIV SCILLD	JEE .			
MARK	DESCRIPTION		BASE MANUFACTUR	RER MODEL#		FINISH		DDITIONAL FEATURES	ACCEPTABLE MANUFACTURERS	
MARK DN1	DESCRIPTION DOWNSPOUT NOZZLE		BASE MANUFACTUR	RER MODEL#	NICKE		A	ABLE STAINLESS STEEL SCREEN	ACCEPTABLE MANUFACTURERS ZURN, SMITH, WATTS, WADE, JOSAM, MIFAB	
						FINISH	A REMOVA			
DN1	DOWNSPOUT NOZZLE	ED AREAS)	ZURN	Z199-SS	RIES PVC BODY, 5" NICKEL	FINISH EL-BRONZE BODY	A REMOVA TH RING TRAP PRIMER, SQUA	ABLE STAINLESS STEEL SCREEN	ZURN, SMITH, WATTS, WADE, JOSAM, MIFAB SIOUX CHIEF, OATEY, NSF, JUMBO	
DN1 FD1	DOWNSPOUT NOZZLE ON-GRADE FLOOR DRAIN (UNFINISH	ED AREAS)	ZURN OATEY	Z199-SS TRUE SET ON-GRADE TP SER	RIES PVC BODY, 5" NICKEL ES PVC BODY, 5" NICKEL	FINISH EL-BRONZE BODY BRONZE STRAINER W	A REMOVA TH RING TRAP PRIMER, SQUA TH RING FLANGED DRAIN, TRAP PRIME	ABLE STAINLESS STEEL SCREEN RE STRAINER IF INSTALLED IN TILE FLOOR	ZURN, SMITH, WATTS, WADE, JOSAM, MIFAB SIOUX CHIEF, OATEY, NSF, JUMBO	

PHASE

| FAUCET MANUFACTURER | FAUCET MODEL | APPROVED FIXTURE MANUFACTURERS | APPROVED FAUCET MANUFACTURER

CCOR, GUY GRAY, SIOUX CHIEF, OATEY

ACCOR, GUY GRAY, SIOUX CHIEF, OATEY

MISCELLANEOUS FIXTURE SCHEDULE

NOT APPLICABLE

PTT188782-BL

										LAVATORY S	SCHEDULE	_						
MARK	LAVATORY DESCRIPTION	FIXTURE MANUFACTUR	RER FIXTURE MOD	DEL FAUCET MANUFACT	URER FAUCET MO	DDEL MA	TERIAL	USE	MOUNTING	STYLE	CONT	ROL FLOW RA	E DRAIN	APPROVED FIXTURE	E MANUFACTURERS	APPROVED FAUCET MANUFACTURERS	ADDITIONAL INFORMATION	
.V1	UNDERMOUNT	KOHLER	K-2000	DELTA	MODERN BLACK	FINISH CHINA	C	GENERAL	UNDERMOUNT	UNDERMOUNT	Γ MANUAL	1	POP-UP	P AMERICAN STANDAR	D, KOHLER, ZURN	AMERICAN STANDARD, KOHLER, ZURN, BRADLEY, CHICAGO FAUCET, SPEAKMAN, T&S, SYMMONS, POWERS, MOEN, DELTA	INSULATE SUPPLIES & DRAIN WHERE NOT PROTECTED WITH SHROUD	
V2	UNDERMOUNT	DURAVIT	316530017	DELTA	MODERN BLACK	FINISH CHINA	F	ADA	UNDERMOUNT	N/A	MANUAL	1	GRID	AMERICAN STANDAR	D, KOHLER, ZURN	AMERICAN STANDARD, KOHLER, ZURN, BRADLEY, CHICAGO FAUCET, SPEAKMAN, T&S, SYMMONS, POWERS, MOEN, DELTA	INSULATE SUPPLIES & DRAIN WHERE NOT PROWITH SHROUD	TECTED
				·	·	·	·			W	VATER CLOSET SC	HEDULE						•
ARK	WATER CLOSET DESCRIPTION FIXT	URE MANUFACTURER	FIXTURE M	/IODEL#	FLUSH VALVE	FLUSH VALVE MOD	DEL MATER	RIAL	USE M	OUNTING	STYLE F	LUSH VALVE TYPE	CONTR	ROL FLOW RATE	SEAT-T	YPE ACCEPTABLE MANUFACTURERS	APPROVED FLUSH VALVE MANUFACTURERS	ADDITIONAL INFORM

ELONGATED

PLUMBING DETAILS

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

Checked By: SSS



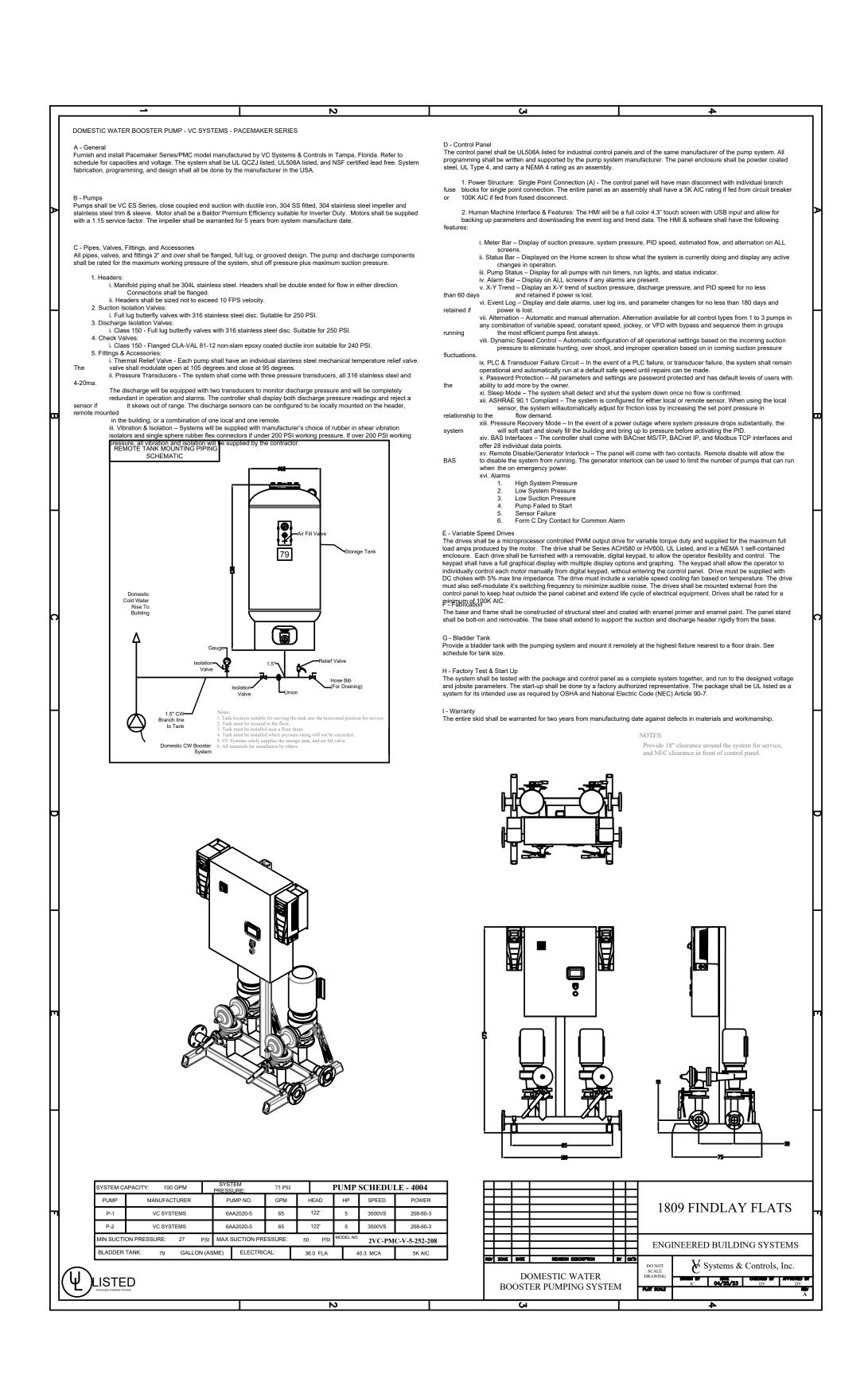
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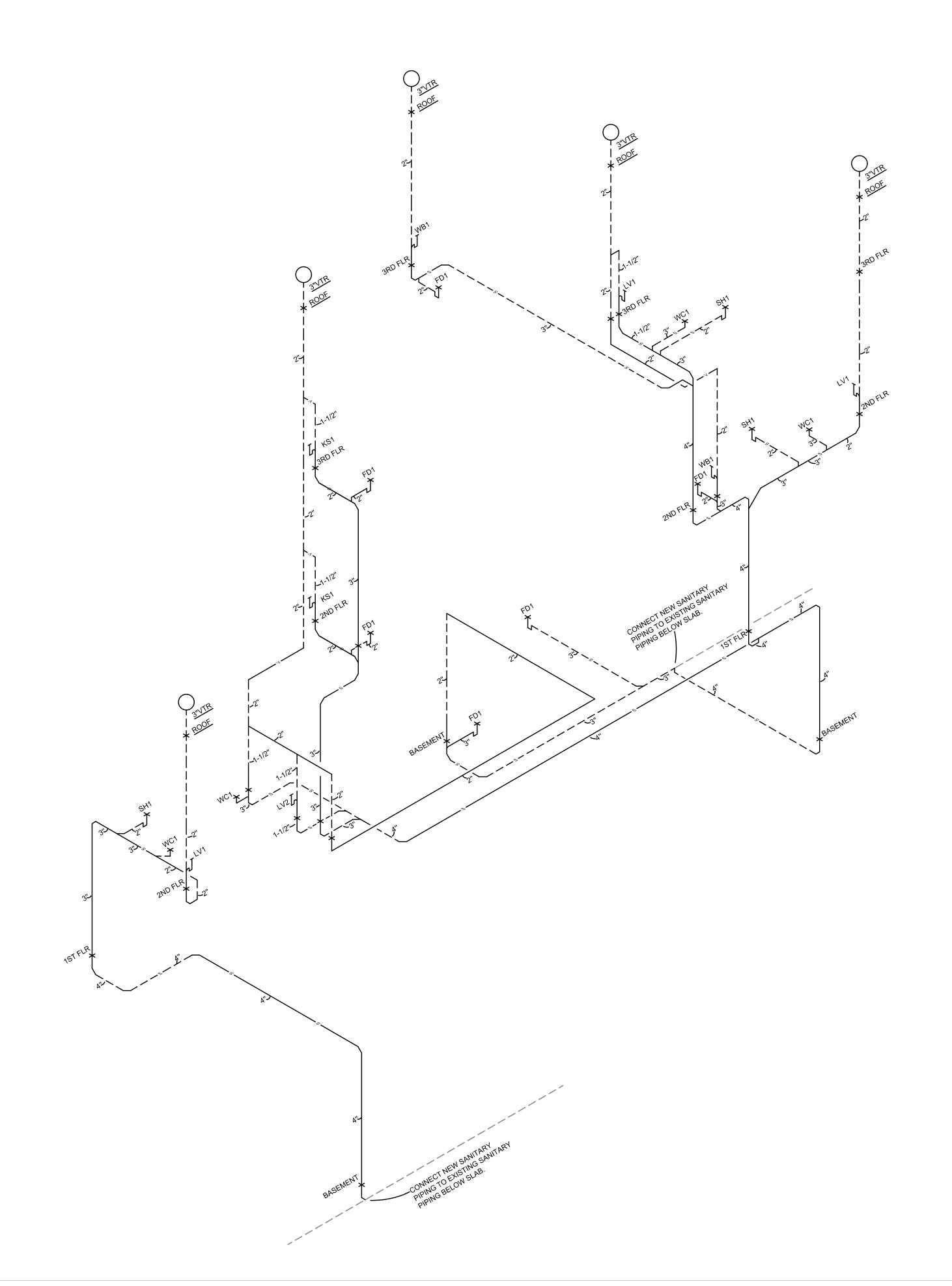
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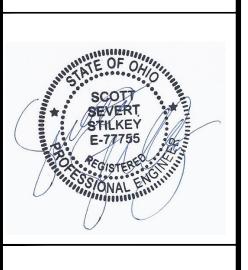
8/10/2022 Job No: 22042

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PLATTE architecture + design



Progress Dates

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

Revisions

Checked By: SSS

Drawn by: DAG

ENGINEERED BUILDING SYSTEMS INC.

TEAMWORK • COLLABORATION

SHARED SUCCESS

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NOVATION FOR 809 VINE ST.

Job No: 22042

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