1806 REPUBLIC ST. CINCINNATI, OHIO, 45202

EXCEPTION OF MECHANICAL EQUIPMENT. ALL FLOORS WILL REMAIN USE R-2 APARTMENTS.

DEMOLITION WORK WILL INCLUDE NON-STRUCTURAL INTERIOR DEMOLITION AND SELECT DEMOLITION OF

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

PROJECT DESCRIPTION

SUPPORTING SECTIONS OF THE OBC.

SCALE: NTS

SCALE: NTS

FINDLAY FLATS **RENOVATION**

STRUCTURAL ENGINEER

ADVANTAGE GROUP

1527 MADISON ROAD, FL 2

CINCINNATI, OH 45206

(513) 396-8900

MEP ENGINEER

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

CIVIL ENGINEER

ARCHITECT

CLIENT/DEVELOPER

PLATTE DESIGN **BAYER BECKER** 1404 RACE STREET, SUITE 204 1810 CAMPBELL ALLEY, STE 300 CINCINNATI, OH 45202 CINCINNATI, OH 45202 (513) 336-6600 (513) 871-1850

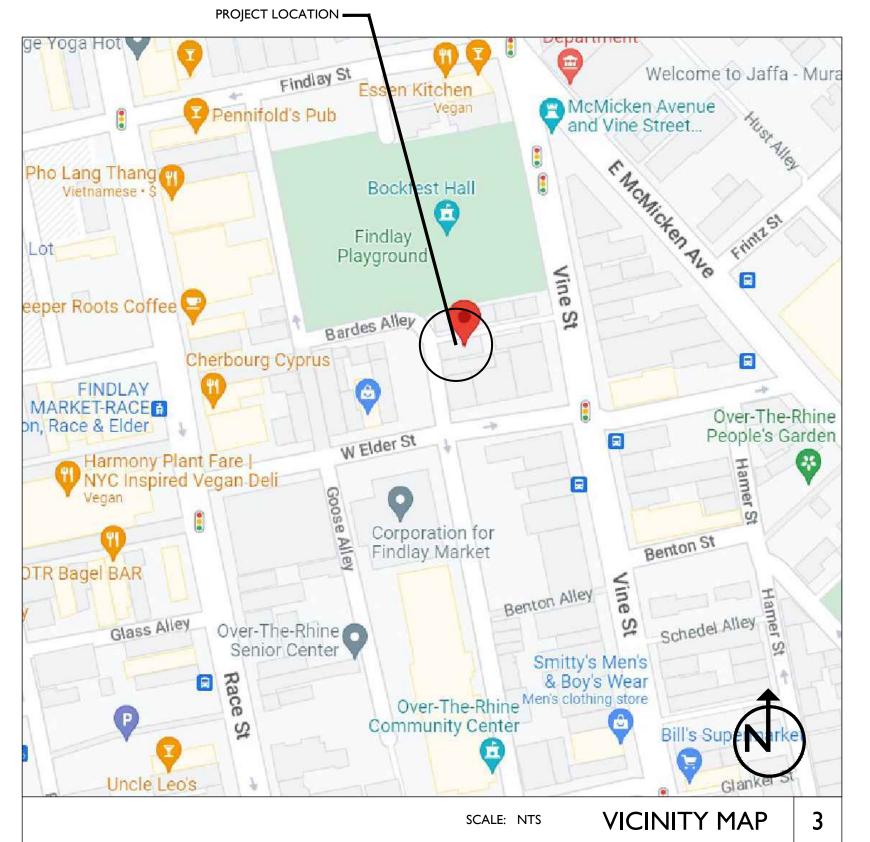
3CDC 1203 WALNUT STREET CINCINNATI, OH 45202 (513) 621-4400

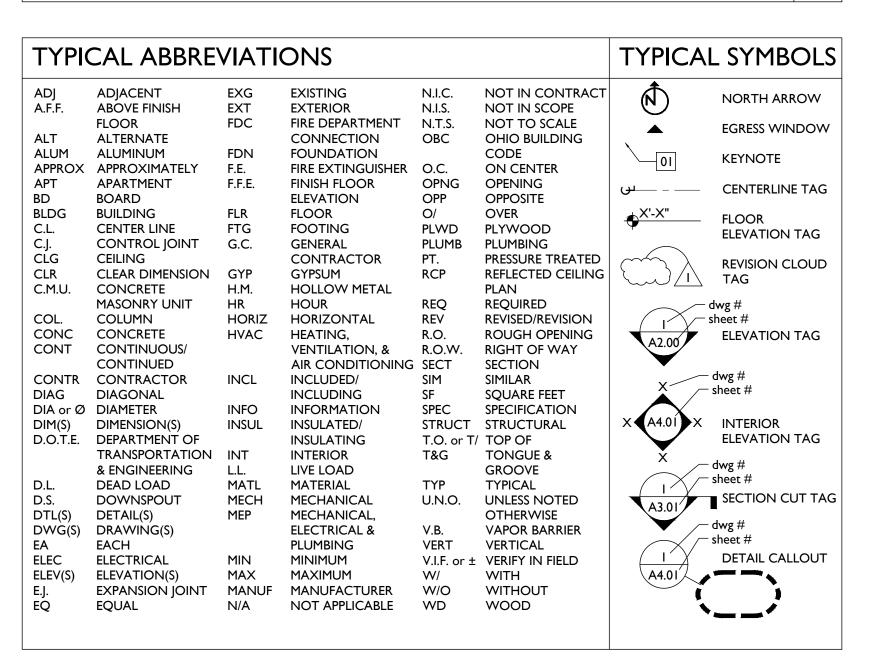
DRAWING INDEX SHEET# SHEET TITLE GENERAL DRAWINGS A0.00 COVER A0.01 | EGRESS DIAGRAMS & CODE SUMMARY A0.02 PROJECT UNIT SUMMARY A0.10 MULTI-BUILDING SITE PLAN CIVIL/LANDSCAPE DRAWINGS CI.00 SITE SURVEY & EXG. CONDITIONS C2.00 PROPOSED SITE PLAN C3.00 PROPOSED GRADING PLAN **ARCHITECTURAL DRAWINGS** ADI.00 BASEMENT DEMOLITION PLAN ADI.01 FIRST FLOOR DEMOLITION PLAN ADI.02 | SECOND FLOOR DEMOLITION PLAN ADI.03 | THIRD FLOOR DEMOLITION PLAN ADI.04 | FOURTH FLOOR DEMOLITION PLAN ADI.05 ROOF DEMOLITION PLAN AD2.00 | EAST DEMOLITION ELEVATION AD2.01 | SOUTH DEMOLITION ELEVATION AD2.02 WEST DEMOLITION ELEVATION AD2.03 NORTH DEMOLITION ELEVATION A1.00 GENERAL NOTES A1.10 PROPOSED BASEMENT PLAN AI.II PROPOSED FIRST FLOOR PLAN A1.12 PROPOSED SECOND FLOOR PLAN A1.13 PROPOSED THIRD FLOOR PLAN A1.14 PROPOSED FOURTH FLOOR PLAN A1.15 PROPOSED ROOF PLAN A1.20 BASEMENT RCP A1.21 FIRST FLOOR RCP A1.22 SECOND FLOOR RCP A1.23 THIRD FLOOR RCP A1.24 FOURTH FLOOR RCP A2.10 PROPOSED EAST ELEVATION A2.11 PROPOSED SOUTH ELEVATION A2.12 PROPOSED WEST ELEVATION A2.13 PROPOSED NORTH ELEVATION A3.00 STAIR DETAILS A4.00 FINISH SCHEDULE & PLANS A5.00 DETAILS A6.00 ASSEMBLIES A6.01 ASSEMBLIES A6.02 DETAILS A6.10 DOOR SCHEDULE A6.11 DOOR TYPES & DETAILS A6.20 WINDOW TYPES & DETAILS A9.01 EGC SPECS A9.02 EGC SPECS A9.03 | EGC SPECS A9.04 EGC SPECS STRUCTURAL DRAWINGS S001 STRUCTURAL NOTES

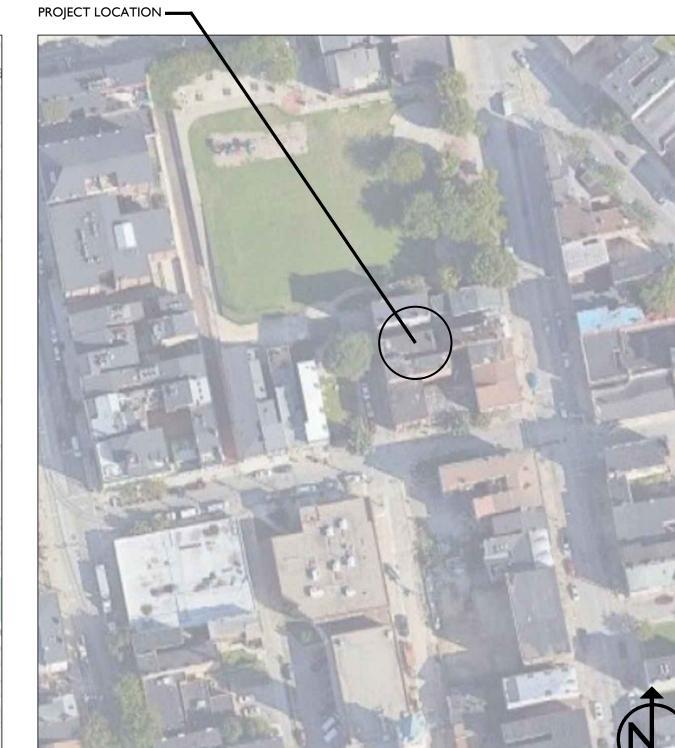
SIIO STRUCTURAL PLANS

S120 STRUCTURAL PLANS

	DRAWING II	NDEX				
SHEET#	SHEET TITLE	BID/PERMIT 4/28/2023	PERMIT REV 1 08/04/2023	PERMIT REV 2 10/25/2023	BID SET 2 08.28.2024	
\$130	STRUCTURAL PLANS					
S200	STRUCTURAL ELEVATIONS					
S201	STRUCTURAL ELEVATIONS					
\$310	STRUCTURAL DETAILS					
S320	STRUCTURAL DETAILS					
MECHAN	ICAL DRAWINGS					
M1.00	MECHANICAL PLAN - BASEMENT					
M1.01	MECHANICAL PLAN - FIRST FLOOR					
M1.02	MECHANICAL PLAN - SECOND FLOOR					
M1.03	MECHANICAL PLAN - THIRD FLOOR					
MI.04	MECHANICAL PLAN - ATTIC					
M1.05	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 - ATTIC					
E1.05	ELECTRICAL POWER PLAN - ROOF					
E2.00	ELECTRICAL DETAILS					
E2.01	ELECTRICAL DETAILS					
E2.02	ELECTRICAL DETAILS					
PLUMBIN	G DRAWINGS					
P1.00	PLUMBING PLAN - BASEMENT					
PI.01	PLUMBING PLAN - FIRST FLOOR					
P1.02	PLUMBING PLAN - SECOND FLOOR					
P1.03	PLUMBING PLAN - THIRD FLOOR					
P1.04	PLUMBING PLAN - ATTIC					
P2.00	PLUMBING DETAILS					
P2.01	PLUMBING DETAILS					







AERIAL IMAGE



Progress Dates

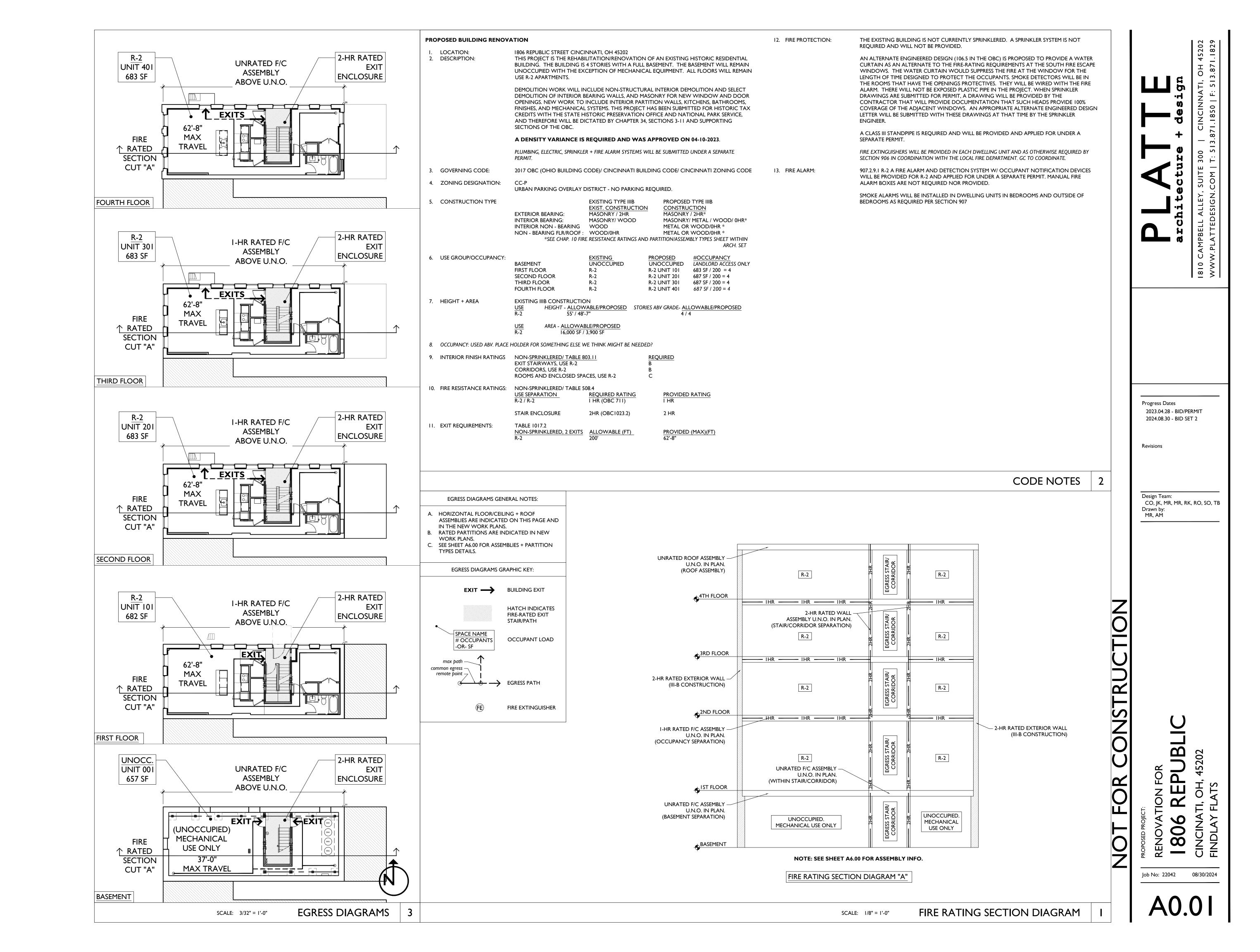
2023.04.28 - BID/PERMIT

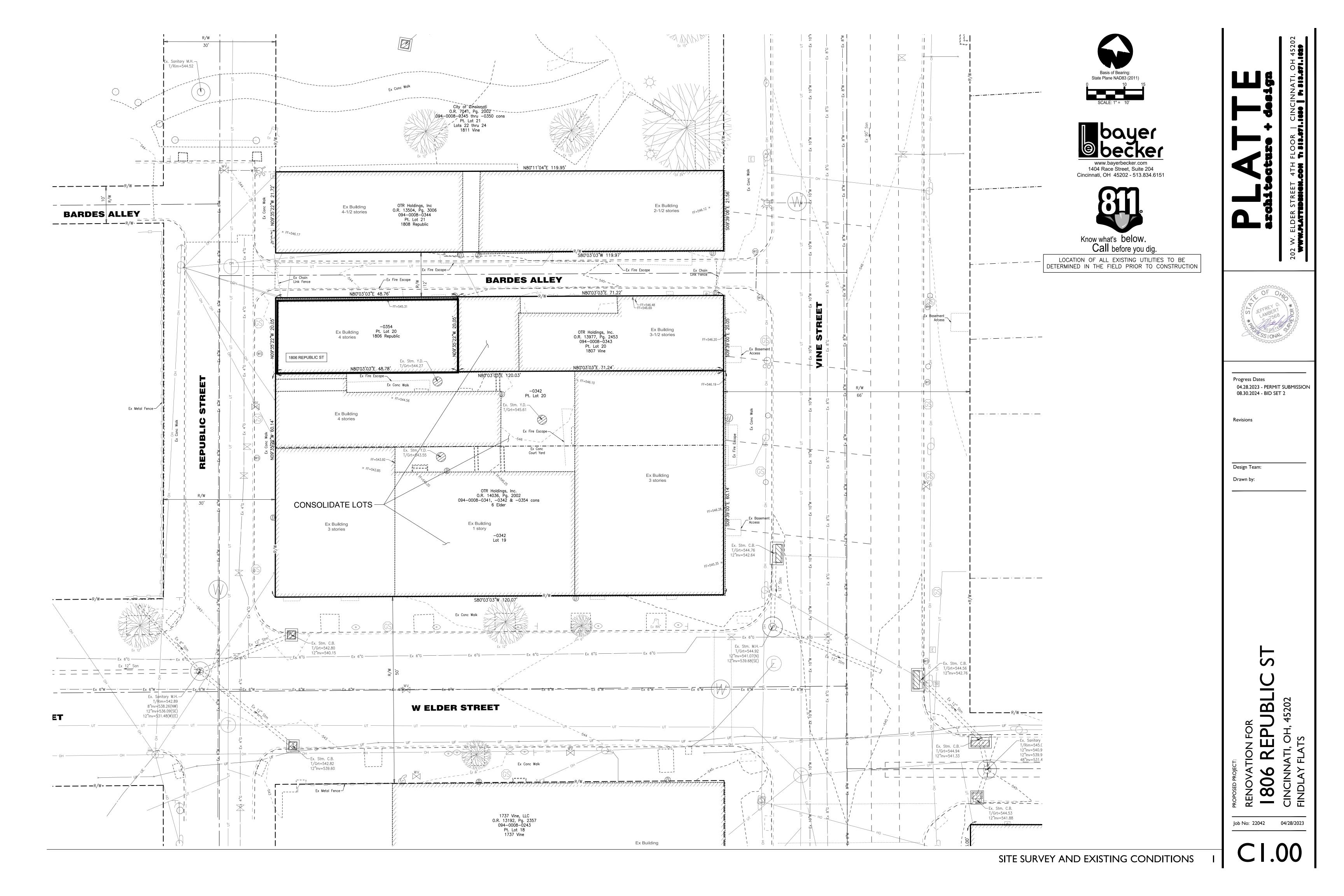
2024.08.30 - BID SET 2

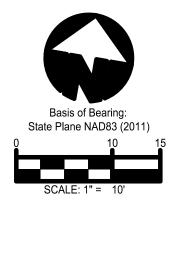
Design Team: CO, JK, MR, MR, RK, RO, SO, TB Drawn by:

PUB

806











Know what's below. Call before you dig.

LOCATION OF ALL EXISTING UTILITIES TO BE DETERMINED IN THE FIELD PRIOR TO CONSTRUCTION

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.
- 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,
- LOCAL TRAFFIC SHALL BE MAINTAINED AT ALL TIMES THROUGH THE USE OF FLAGGERS AND SAFETY CONES, AS DIRECTED BY THE CITY ENGINEER.
- THE CONTRACTOR MUST COORDINATE THE WORK SO AS TO NOT INTERRUPT INGRESS AND EGRESS FROM AFFECTED PROPERTIES.
- 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.
- 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.

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).

LEGEND

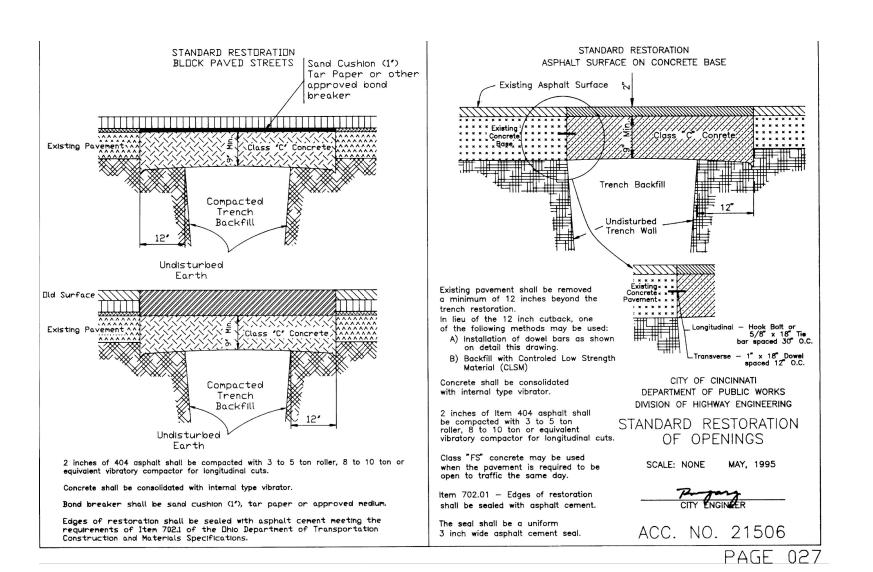
EXISTING CONCRETE WALK OR DRIVE (TO REMAIN)

PROPOSED CONCRETE WALK (SEE DETAIL 1/C2.00)

STREETSCAPE PROJECT

BY OTHERS

REMOVE & REPLACE EX PAVEMENT IN KIND PER DOTE STANDARDS (SEE SHEET C2.00 FOR DETAILS)



CONNECT TO EX. TELEPHONE MANHOLE;

— -R/W — — — — — — —

COORDINATE w/ SPECTRUM

(2)-4" COMM. CONDUITS -

(2)-4" COMM. CONDUITS -

INSTALL 30" X 36" FLUSH QUAZITE BOX; -TO BE SUPPLIED BY SPECTRUM

R/W

(1)-4" COMM. CONDUIT

DOMESTIC AND FIRE WATER

SERVICES TO BE PROVIDED

- INSTALL NEW 3X5 PULL BOX; TO BE SUPPLIED BY DUKE ENERGY

BY 1801-1805 VINE

1806 REPUBLIC ST

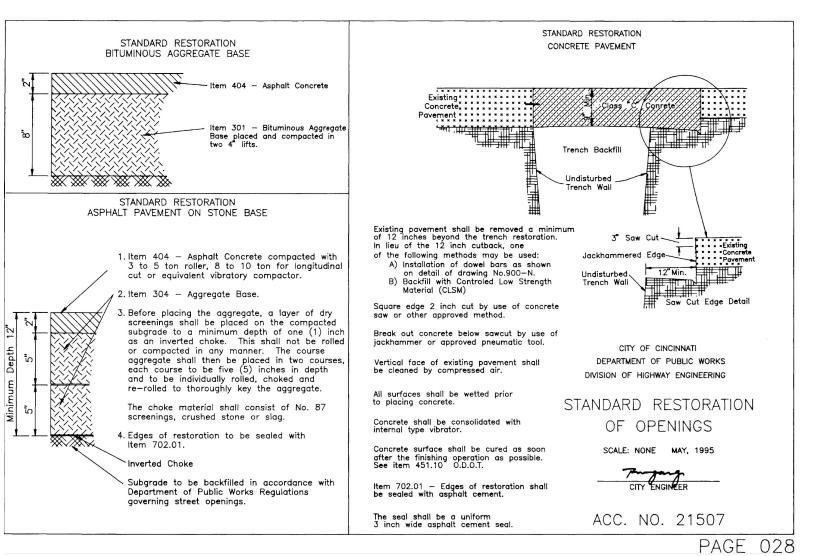
SANITARY CONNECTION

TO BE PROVIDED

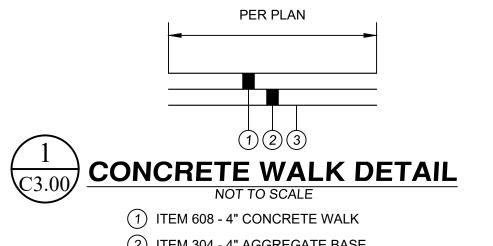
TO 1807 VINE ST.

W ELDER STREET

BY EXISTING PIPING



BARDES ALLEY



R/W 66'

(2) ITEM 304 - 4" AGGREGATE BASE

(3) ITEM 203 - SUBGRADE COMPACTION

Progress Dates 04.28.2023 - PERMIT SUBMISSION 08.30.2024 - BID SET 2

Revisions

Drawn by: EFS

> UBL 806

Job No: 22042 04/28/2023

I. GENERAL

- 2. EXG CONDITIONS IN NEW LOCATION. SEE A PLANS FOR NEW LOCATION.
- 2.2 REMOVE FRAMING & SHEATHING/DECKING IN THIS AREA. SEE 9.2 REMOVE NON-HISTORIC FINISH FLOORING DOWN TO STRUCTURAL DWGS & NEW WORK PLANS. 2.3 EXG HISTORIC EXTERIOR ORNAMENT TO REMAIN (CORNICE,
- BRACKET, FRIEZE, ENTABLATURE, PILASTER, ETC). 2.4 EXG STRUCTURAL ELEMENTS (POSTS, BEAMS, FOOTINGS, ETC.) TO REMAIN U.N.O., TYPICAL. SEE PROPOSED
- STRUCTURAL DRAWINGS. 2.5 SEE CIVIL DRAWINGS FOR SIDEWALK/STREETSCAPE SCOPE.

3. CONCRETE

- 3.1 CONCRETE SLAB TO BE RETAINED.
- 4. MASONRY 4.1 EXG CHIMNEY TO REMAIN.
- 5. METALS 5.1 NOT USED.

- 6.1 EXG WOOD STAIR TO REMAIN IN PLACE. REMOVE
- 6.2 REMOVE EXG NON-HISTORIC WOOD STAIR ENTIRELY.
- 7. THERMAL AND MOISTURE PROTECTION
- 7.1 REMOVE NON-HISTORIC GUTTER & DOWNSPOUTS.

6. WOOD, PLASTICS, AND COMPOSITES

- NON-HISTORIC GUARDRAIL/HANDRAIL.

- 7.2 REPAIR/RETAIN EXG HISTORIC CORNICE & BOX GUTTER. 7.3 REMOVE ROOF ACCESS HATCH.

8.3 NEW OPENING IN EXG HISTORIC WALL. SEE NEW WORK

- 2.1 GENTLY REMOVE, RETAIN AND REINSTALL EXG. FIRE ESCAPE 9.1 HISTORIC PLASTER AT MASONRY WALL TO REMAIN, IF POSSIBLE.
 - WOOD SUBFLOOR.

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.
 - BRICK IS NOT EXPOSED, EXCEPT WHERE NOTED IN CORRIDORS. 5. EXPOSED MASONRY EDGES ARE TO BE FIRED

4. TOOTH OUT AND KEY IN MASONRY SO CUT

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

EDGES U.N.O.

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

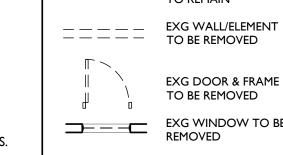
- WALL PANELS, WAINSCOTING, WINDOW FRAMES, TO SERVICE. DOOR FRAMES, ETC. AT WALLS WHERE PLASTER IS BEING REMOVED OR WHERE NEW FURRING IS
- PROPOSED, CAREFULLY REMOVE & RETAIN HISTORIC TRIM. I. RETAIN HISTORIC INTERIOR AND EXTERIOR
- DOORS, TRANSOMS, AND SIDELITES. . RETAIN HISTORIC WOOD WINDOW SASH, FRAMES, X. NON-HISTORIC DOWNSPOUTS & ALUMINUM BRICK MOULD AND SHUTTER HARDWARE.
- REUSED, UNO. CLEAR OF DEBRIS & REPAIR AS REQ.

REMOVE THE FOLLOWING, UNLESS NOTED OTHERWISE:

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

REPLACE DAMAGED/DETERIORATED SUBSTRATE AS

- V. ELECTRIC SYSTEMS FIXTURES, SWITCHES, RECEPTACLES, WIRING, PANELS, ETC. BACK TO
- W.PLUMBING SYSTEMS FIXTURES, WATER HEATERS, DRAINS, PIPING, VENT STACKS, ETC. BACK TO SERVICE.
- GUTTERS, GUTTERBOARDS.
- Y. NON-HISTORIC VINYL AND ALUMINUM WINDOWS. RETAIN HISTORIC WOOD FRAMES & BRICKMOLD. Z. VEGETATION.

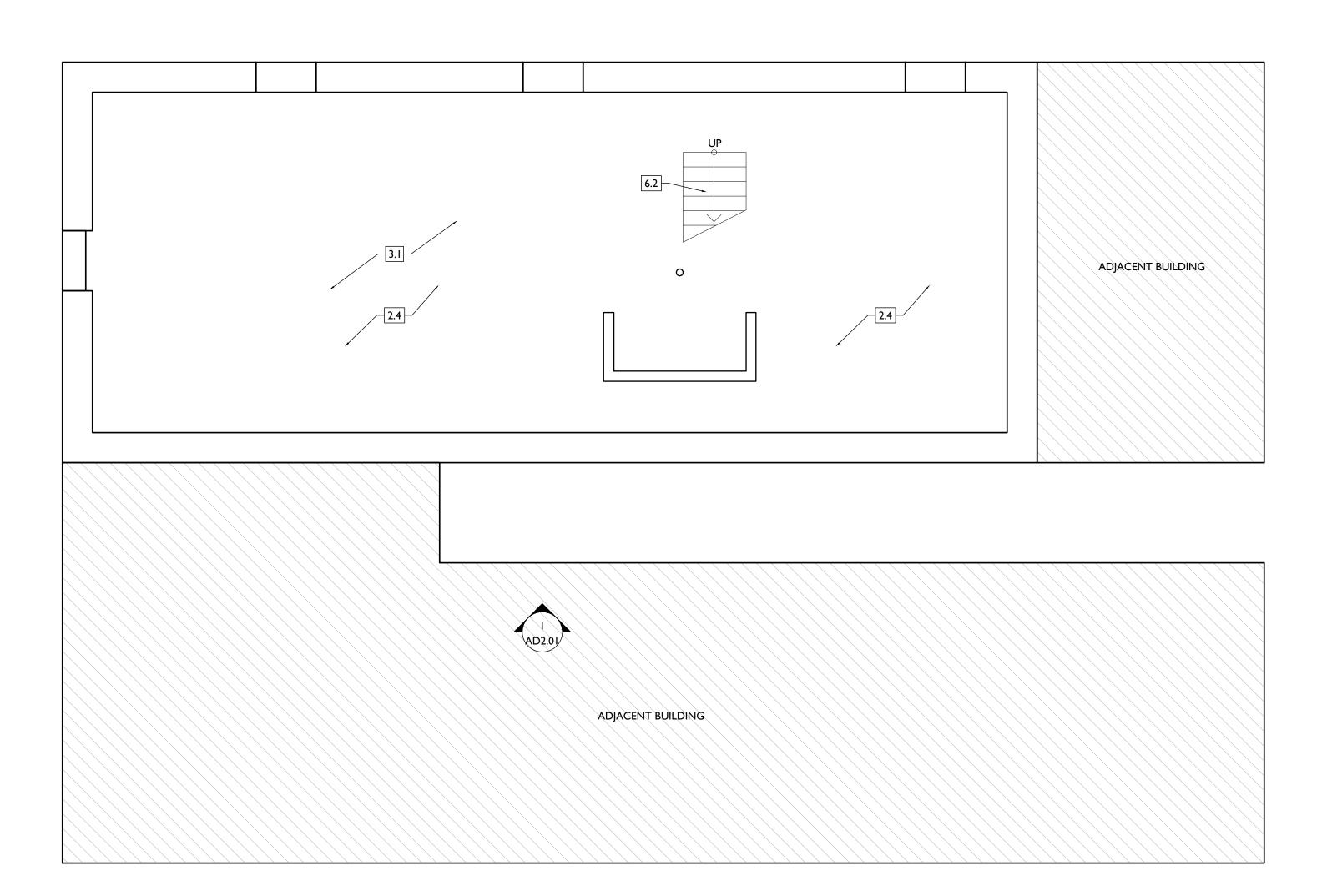


EXG WINDOW TO BE REMOVED

TO BE REMOVED

EXG FLOOR OR WALL CONSTRUCTION TO BE REMOVED

EXG DOOR & FRAME





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

Revisions

Progress Dates

2023.04.28 - BID/PERMIT 2024.08.30 - BID SET 2

ONSTRUCTION

JBL







2.5 SEE CIVIL DRAWINGS FOR SIDEWALK/STREETSCAPE SCOPE.

3. CONCRETE

4. MASONRY

5. METALS

5.1 NOT USED.

3.1 CONCRETE SLAB TO BE RETAINED.

6. WOOD, PLASTICS, AND COMPOSITES

6.1 EXG WOOD STAIR TO REMAIN IN PLACE. REMOVE

6.2 REMOVE EXG NON-HISTORIC WOOD STAIR ENTIRELY.

7.2 REPAIR/RETAIN EXG HISTORIC CORNICE & BOX GUTTER.

7.1 REMOVE NON-HISTORIC GUTTER & DOWNSPOUTS.

NON-HISTORIC GUARDRAIL/HANDRAIL.

7. THERMAL AND MOISTURE PROTECTION

7.3 REMOVE ROOF ACCESS HATCH.

4.1 EXG CHIMNEY TO REMAIN.

TO DEMOLITION.

IN CORRIDORS.

EDGES U.N.O.

STRUCTURAL ENGINEER.

SHALL BE SWEPT BROOM CLEAN.

ELEMENTS TO BE RETAINED:

3. PROVIDE SHORING AS REQUIRED.

VERIFY CONDITION OF ANY EXG LINTELS. IF DAMAGED, CONTACT ARCHITECT AND

4. TOOTH OUT AND KEY IN MASONRY SO CUT

5. EXPOSED MASONRY EDGES ARE TO BE FIRED

D. AT COMPLETION OF DEMOLITION, ALL FLOORS

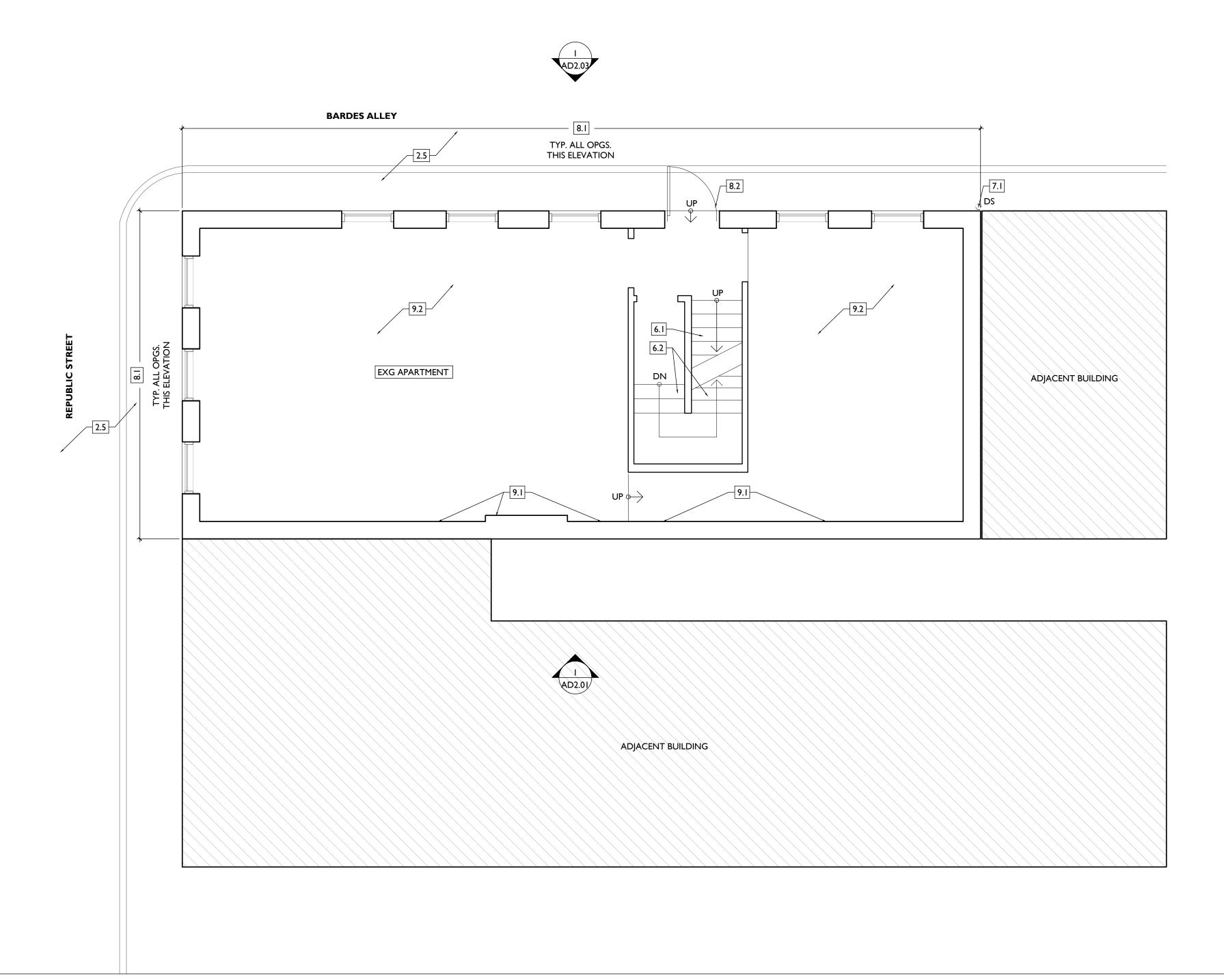
E. IN AREAS OF NEW MASONRY OPENINGS, SALVAGE

HISTORIC BRICK FOR REUSE & CAREFULLY SORT

AND SEPARATE HARD-FIRED FACE BRICK FROM

ADDITIONAL INFORMATION REGARDING

BRICK IS NOT EXPOSED, EXCEPT WHERE NOTED



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

TO BE REMOVED

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

Drawn by: MR, AM

TI OH 45202

ONSTRUCTION

RENOVATION FOR SOLUTION FOR SOL

ADI.0

Job No: 22042

REMOVE THE FOLLOWING, UNLESS NOTED

L. FURNITURE & DEBRIS, INTERIOR & EXTERIOR, ALL

N. NON-HISTORIC DOORS & DOOR FRAMES (SHOWN

P. PLASTER & LATH: REFER TO HISTORIC NARRATIVES

FOR SPECIFIC GUIDELINES FOR PLASTER REPAIR, WHEN REQ. FOLLOW THESE GUIDELINES FOR THE

REMOVAL OR RETENTION OF PLASTER AND LATH,

INTERIOR WALLS TO REMAIN. REMOVE LOOSE OR

REPLACE DAMAGED/DETERIORATED SUBSTRATE AS

DETERIORATED PLASTER AT MASONRY WALLS.

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

UNO. RETAIN AND REPAIR PLASTER AT HISTORIC

O. NON-HISTORIC STAIRS (SHOWN DASHED).

M. SUSPENDED ACOUSTICAL CEILINGS.

FLOOR LEVELS, INCLUDING BASEMENT & ATTIC.

OTHERWISE:

DASHED).

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 GENTLY REMOVE, RETAIN AND REINSTALL EXG. FIRE ESCAPE 9.1 HISTORIC PLASTER AT MASONRY WALL TO REMAIN, IF
- IN NEW LOCATION. SEE A PLANS FOR NEW LOCATION. 2.2 REMOVE FRAMING & SHEATHING/DECKING IN THIS AREA. SEE 9.2 REMOVE NON-HISTORIC FINISH FLOORING DOWN TO STRUCTURAL DWGS & NEW WORK PLANS.
- 2.3 EXG HISTORIC EXTERIOR ORNAMENT TO REMAIN (CORNICE, BRACKET, FRIEZE, ENTABLATURE, PILASTER, ETC). 2.4 EXG STRUCTURAL ELEMENTS (POSTS, BEAMS, FOOTINGS,
- ETC.) TO REMAIN U.N.O., TYPICAL. SEE PROPOSED STRUCTURAL DRAWINGS. 2.5 SEE CIVIL DRAWINGS FOR SIDEWALK/STREETSCAPE SCOPE.
- 3. CONCRETE
- 3.1 CONCRETE SLAB TO BE RETAINED.
- 4. MASONRY 4.1 EXG CHIMNEY TO REMAIN.
- 5. METALS 5.1 NOT USED.
- 6. WOOD, PLASTICS, AND COMPOSITES
- 6.1 EXG WOOD STAIR TO REMAIN IN PLACE. REMOVE
- NON-HISTORIC GUARDRAIL/HANDRAIL. 6.2 REMOVE EXG NON-HISTORIC WOOD STAIR ENTIRELY.
- 7. THERMAL AND MOISTURE PROTECTION
- 7.1 REMOVE NON-HISTORIC GUTTER & DOWNSPOUTS.
- 7.2 REPAIR/RETAIN EXG HISTORIC CORNICE & BOX GUTTER. 7.3 REMOVE ROOF ACCESS HATCH.

- ENTIRELY, BACK TO MASONRY OPENING. 8.2 NON-HISTORIC DOOR & FRAME TO BE REMOVED ENTIRELY,
- BACK TO MASONRY OPENING. 8.3 NEW OPENING IN EXG HISTORIC WALL. SEE NEW WORK
- POSSIBLE. 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 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

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

H. RETAIN HISTORIC INTERIOR WOOD TRIM -

MANTLES, BASEBOARDS, CROWN MOULDING,

BEING REMOVED OR WHERE NEW FURRING IS

PROPOSED, CAREFULLY REMOVE & RETAIN

I. RETAIN HISTORIC INTERIOR AND EXTERIOR

BRICK MOULD AND SHUTTER HARDWARE.

REMOVE THE FOLLOWING, UNLESS NOTED

L. FURNITURE & DEBRIS, INTERIOR & EXTERIOR, ALL

N. NON-HISTORIC DOORS & DOOR FRAMES (SHOWN

P. PLASTER & LATH: REFER TO HISTORIC NARRATIVES

FOR SPECIFIC GUIDELINES FOR PLASTER REPAIR,

WHEN REQ. FOLLOW THESE GUIDELINES FOR THE

REMOVAL OR RETENTION OF PLASTER AND LATH,

UNO. RETAIN AND REPAIR PLASTER AT HISTORIC

INTERIOR WALLS TO REMAIN. REMOVE LOOSE OR

REPLACE DAMAGED/DETERIORATED SUBSTRATE AS

DETERIORATED PLASTER AT MASONRY WALLS.

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

O. NON-HISTORIC STAIRS (SHOWN DASHED).

FLOOR LEVELS, INCLUDING BASEMENT & ATTIC.

DOORS, TRANSOMS, AND SIDELITES.

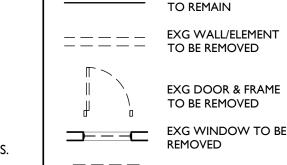
M. SUSPENDED ACOUSTICAL CEILINGS.

HISTORIC TRIM.

OTHERWISE:

DASHED).

- 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.



REMOVED EXG FLOOR OR WALL

EXG INTERIOR WALL

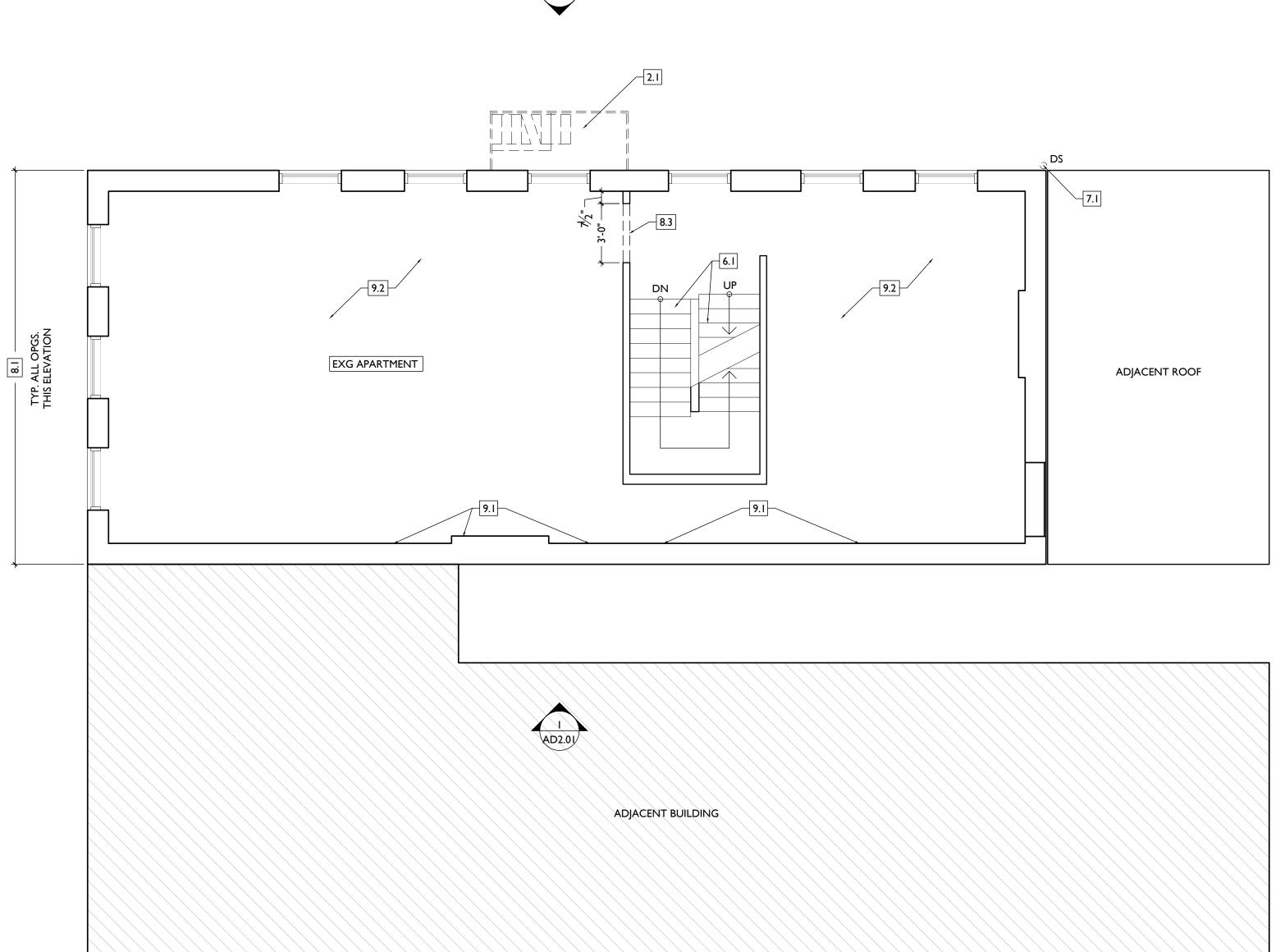
TO BE REMOVED EXG WINDOW TO BE CONSTRUCTION TO BE REMOVED

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

ONSTRUCTION **JBLIC**

Job No: 22042



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

EXISTING + DEMOLITION PLAN - SECOND FLOOR

POSSIBLE. 2.2 REMOVE FRAMING & SHEATHING/DECKING IN THIS AREA. SEE 9.2 REMOVE NON-HISTORIC FINISH FLOORING DOWN TO

STRUCTURAL DWGS & NEW WORK PLANS. WOOD SUBFLOOR. 2.3 EXG HISTORIC EXTERIOR ORNAMENT TO REMAIN (CORNICE, BRACKET, FRIEZE, ENTABLATURE, PILASTER, ETC). 2.4 EXG STRUCTURAL ELEMENTS (POSTS, BEAMS, FOOTINGS,

STRUCTURAL DRAWINGS. 2.5 SEE CIVIL DRAWINGS FOR SIDEWALK/STREETSCAPE SCOPE.

ETC.) TO REMAIN U.N.O., TYPICAL. SEE PROPOSED

3. CONCRETE 3.1 CONCRETE SLAB TO BE RETAINED.

4. MASONRY 4.1 EXG CHIMNEY TO REMAIN.

5. METALS 5.1 NOT USED.

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

NON-HISTORIC GUARDRAIL/HANDRAIL. 6.2 REMOVE EXG NON-HISTORIC WOOD STAIR ENTIRELY.

7. THERMAL AND MOISTURE PROTECTION

7.1 REMOVE NON-HISTORIC GUTTER & DOWNSPOUTS. 7.2 REPAIR/RETAIN EXG HISTORIC CORNICE & BOX GUTTER. 7.3 REMOVE ROOF ACCESS HATCH.

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

NEW PLYWOOD SUBFLOOR, SEE PROPOSED.

S. NON-HISTORIC CABINETRY. T. NON-HISTORIC WALL FINISHES, INCLUDING PANELING AND WALLCOVERING.

U. MECHANICAL SYSTEMS - BOILERS, FURNACES, CONDENSERS, DUCTS, VENTS, PANELS, ETC. BACK V. ELECTRIC SYSTEMS - FIXTURES, SWITCHES,

RECEPTACLES, WIRING, PANELS, ETC. BACK TO W.PLUMBING SYSTEMS - FIXTURES, WATER HEATERS,

DOORS, TRANSOMS, AND SIDELITES. 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 OTHERWISE:

L. FURNITURE & DEBRIS, INTERIOR & EXTERIOR, ALL FLOOR LEVELS, INCLUDING BASEMENT & ATTIC. M. SUSPENDED ACOUSTICAL CEILINGS.

N. NON-HISTORIC DOORS & DOOR FRAMES (SHOWN DASHED). O. NON-HISTORIC STAIRS (SHOWN DASHED). P. PLASTER & LATH: REFER TO HISTORIC NARRATIVES

FOR SPECIFIC GUIDELINES FOR PLASTER REPAIR, WHEN REQ. FOLLOW THESE GUIDELINES FOR THE REMOVAL OR RETENTION OF PLASTER AND LATH, UNO. RETAIN AND REPAIR PLASTER AT HISTORIC INTERIOR WALLS TO REMAIN. REMOVE LOOSE OR DETERIORATED PLASTER AT MASONRY WALLS. Q. ROOFING DOWN TO EXG. SUBSTRATE, U.N.O. REPLACE DAMAGED/DETERIORATED SUBSTRATE AS

R. DETERIORATED WOOD SUBFLOOR: REPLACE WITH

EXG EXTERIOR WALL TO REMAIN

DEMO WORK GRAPHIC KEY:

KEYNOTE

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

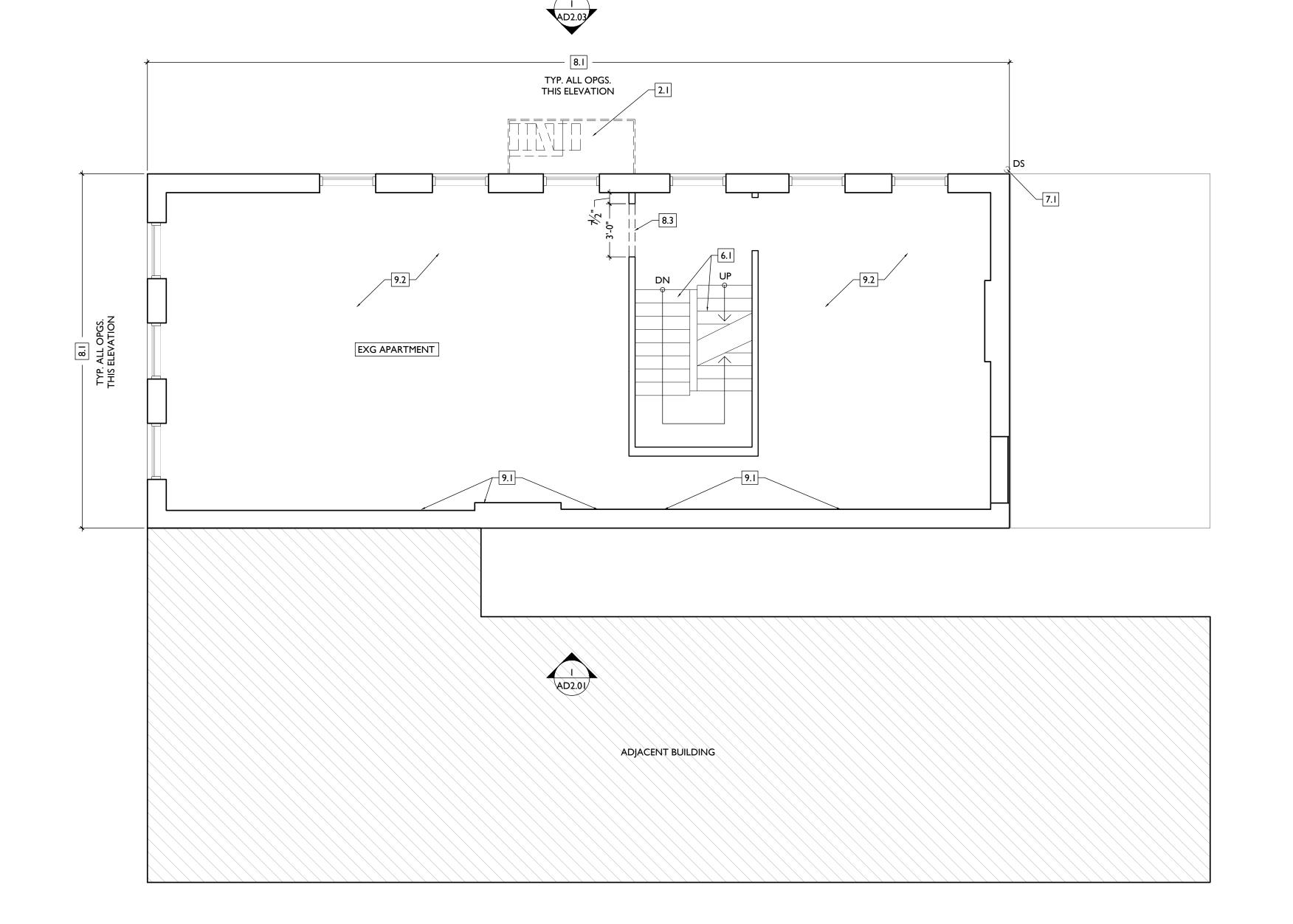
Progress Dates 2023.04.28 - BID/PERMIT 2024.08.30 - BID SET 2

Revisions

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

JBLIC

ONSTRUCTION



ALL KEYED NOTES LISTED MAY NOT APPLY TO THIS SHEET.

I. GENERAL

- 2. EXG CONDITIONS 2.1 GENTLY REMOVE, RETAIN AND REINSTALL EXG. FIRE ESCAPE 9.1 HISTORIC PLASTER AT MASONRY WALL TO REMAIN, IF
- IN NEW LOCATION. SEE A PLANS FOR NEW LOCATION. 2.2 REMOVE FRAMING & SHEATHING/DECKING IN THIS AREA. SEE 9.2 REMOVE NON-HISTORIC FINISH FLOORING DOWN TO STRUCTURAL DWGS & NEW WORK PLANS.
- 2.3 EXG HISTORIC EXTERIOR ORNAMENT TO REMAIN (CORNICE, BRACKET, FRIEZE, ENTABLATURE, PILASTER, ETC). 2.4 EXG STRUCTURAL ELEMENTS (POSTS, BEAMS, FOOTINGS,
- ETC.) TO REMAIN U.N.O., TYPICAL. SEE PROPOSED STRUCTURAL DRAWINGS.
- 2.5 SEE CIVIL DRAWINGS FOR SIDEWALK/STREETSCAPE SCOPE.

3. CONCRETE

- 3.1 CONCRETE SLAB TO BE RETAINED.
- 4. MASONRY 4.1 EXG CHIMNEY TO REMAIN.
- 5. METALS 5.1 NOT USED.

6. WOOD, PLASTICS, AND COMPOSITES

- 6.1 EXG WOOD STAIR TO REMAIN IN PLACE. REMOVE
- NON-HISTORIC GUARDRAIL/HANDRAIL. 6.2 REMOVE EXG NON-HISTORIC WOOD STAIR ENTIRELY.
- 7. THERMAL AND MOISTURE PROTECTION 7.1 REMOVE NON-HISTORIC GUTTER & DOWNSPOUTS.
- 7.2 REPAIR/RETAIN EXG HISTORIC CORNICE & BOX GUTTER. 7.3 REMOVE ROOF ACCESS HATCH.

- ENTIRELY, BACK TO MASONRY OPENING. 8.2 NON-HISTORIC DOOR & FRAME TO BE REMOVED ENTIRELY, BACK TO MASONRY OPENING.
- 8.3 NEW OPENING IN EXG HISTORIC WALL. SEE NEW WORK

- POSSIBLE.
- 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 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

- H. RETAIN HISTORIC INTERIOR WOOD TRIM -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, BEING REMOVED OR WHERE NEW FURRING IS
- RECEPTACLES, WIRING, PANELS, ETC. BACK TO PROPOSED, CAREFULLY REMOVE & RETAIN
 - 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

I. RETAIN HISTORIC INTERIOR AND EXTERIOR

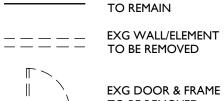
BRICK MOULD AND SHUTTER HARDWARE.

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, 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



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

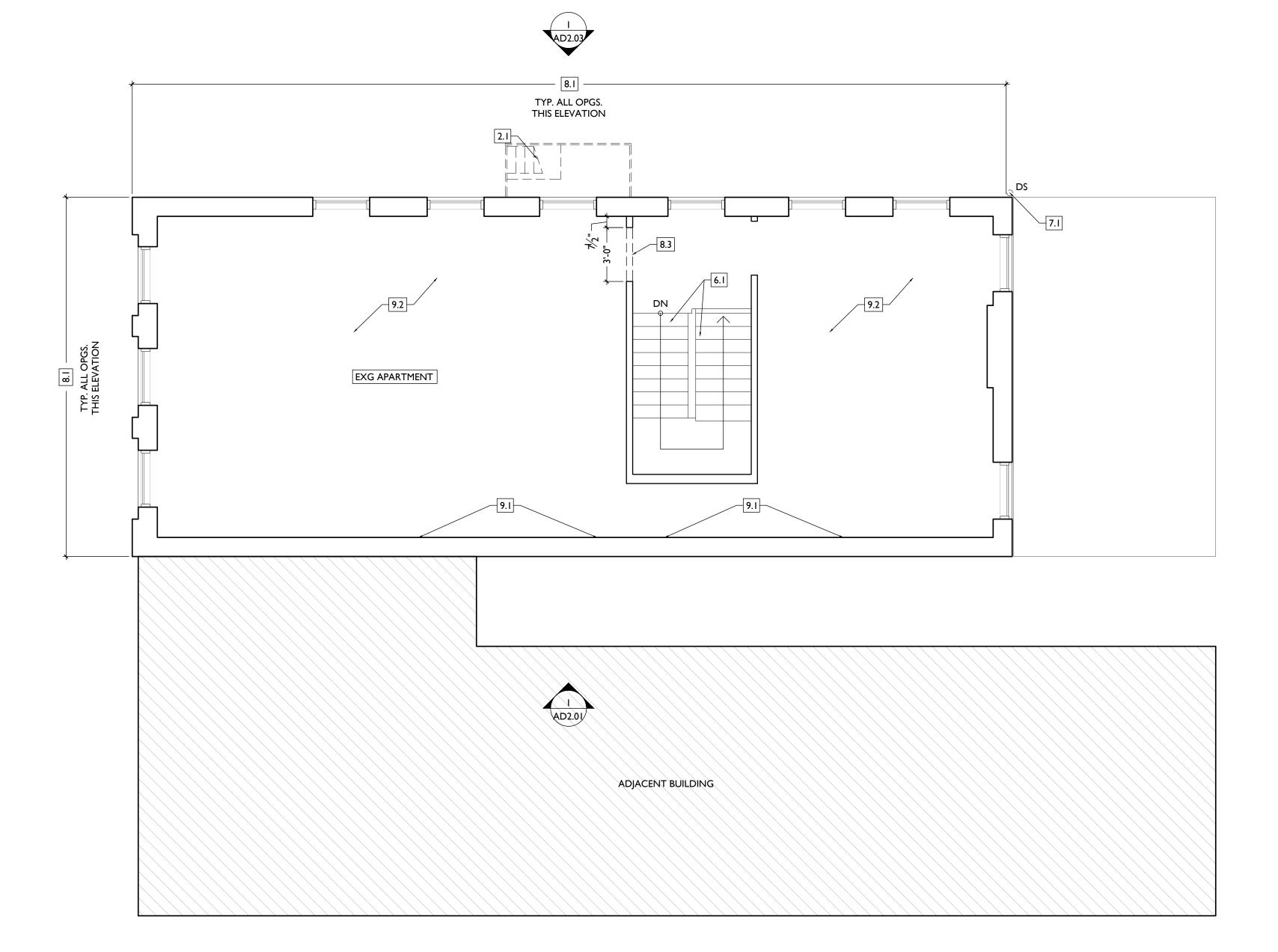
EXG FLOOR OR WALL CONSTRUCTION TO BE REMOVED

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

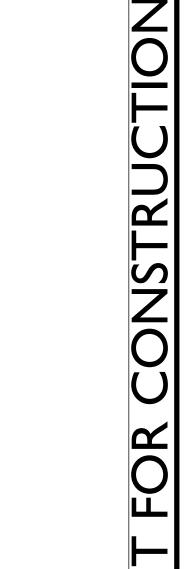
Revisions

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

UBLIC







ALL KEYED NOTES LISTED MAY NOT APPLY TO THIS SHEET.

I. GENERAL

- 2. EXG CONDITIONS 2.1 GENTLY REMOVE, RETAIN AND REINSTALL EXG. FIRE ESCAPE 9.1 HISTORIC PLASTER AT MASONRY WALL TO REMAIN, IF
- IN NEW LOCATION. SEE A PLANS FOR NEW LOCATION. 2.2 REMOVE FRAMING & SHEATHING/DECKING IN THIS AREA. SEE 9.2 REMOVE NON-HISTORIC FINISH FLOORING DOWN TO STRUCTURAL DWGS & NEW WORK PLANS.
- 2.3 EXG HISTORIC EXTERIOR ORNAMENT TO REMAIN (CORNICE, BRACKET, FRIEZE, ENTABLATURE, PILASTER, ETC). 2.4 EXG STRUCTURAL ELEMENTS (POSTS, BEAMS, FOOTINGS,
- ETC.) TO REMAIN U.N.O., TYPICAL. SEE PROPOSED STRUCTURAL DRAWINGS. 2.5 SEE CIVIL DRAWINGS FOR SIDEWALK/STREETSCAPE SCOPE.

3. CONCRETE

- 3.1 CONCRETE SLAB TO BE RETAINED.
- 4. MASONRY 4.1 EXG CHIMNEY TO REMAIN.
- 5. METALS

5.1 NOT USED.

- 6. WOOD, PLASTICS, AND COMPOSITES 6.1 EXG WOOD STAIR TO REMAIN IN PLACE. REMOVE
- NON-HISTORIC GUARDRAIL/HANDRAIL. 6.2 REMOVE EXG NON-HISTORIC WOOD STAIR ENTIRELY.
- 7. THERMAL AND MOISTURE PROTECTION
- 7.1 REMOVE NON-HISTORIC GUTTER & DOWNSPOUTS.
- 7.2 REPAIR/RETAIN EXG HISTORIC CORNICE & BOX GUTTER. 7.3 REMOVE ROOF ACCESS HATCH.

- 8.2 NON-HISTORIC DOOR & FRAME TO BE REMOVED ENTIRELY,
- BACK TO MASONRY OPENING. 8.3 NEW OPENING IN EXG HISTORIC WALL. SEE NEW WORK

POSSIBLE.

WOOD SUBFLOOR.

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

ADDITIONAL INFORMATION REGARDING

SHALL BE SWEPT BROOM CLEAN.

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

MANTLES, BASEBOARDS, CROWN MOULDING, CONDENSERS, DUCTS, VENTS, PANELS, ETC. BACK 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

PROPOSED, CAREFULLY REMOVE & RETAIN

I. RETAIN HISTORIC INTERIOR AND EXTERIOR

BRICK MOULD AND SHUTTER HARDWARE.

L. FURNITURE & DEBRIS, INTERIOR & EXTERIOR, ALL

N. NON-HISTORIC DOORS & DOOR FRAMES (SHOWN

P. PLASTER & LATH: REFER TO HISTORIC NARRATIVES

FOR SPECIFIC GUIDELINES FOR PLASTER REPAIR, WHEN REQ. FOLLOW THESE GUIDELINES FOR THE

REMOVAL OR RETENTION OF PLASTER AND LATH,

INTERIOR WALLS TO REMAIN. REMOVE LOOSE OR

REPLACE DAMAGED/DETERIORATED SUBSTRATE AS

UNO. RETAIN AND REPAIR PLASTER AT HISTORIC

DETERIORATED PLASTER AT MASONRY WALLS.

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

O. NON-HISTORIC STAIRS (SHOWN DASHED).

FLOOR LEVELS, INCLUDING BASEMENT & ATTIC.

DOORS, TRANSOMS, AND SIDELITES.

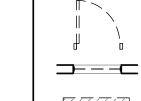
M. SUSPENDED ACOUSTICAL CEILINGS.

HISTORIC TRIM.

OTHERWISE:

DASHED).

- 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. REUSED, UNO. CLEAR OF DEBRIS & REPAIR AS REQ.
 - RETAIN HISTORIC WOOD FRAMES & BRICKMOLD.
 - Z. VEGETATION.



EXG WINDOW TO BE REMOVED EXG FLOOR OR WALL

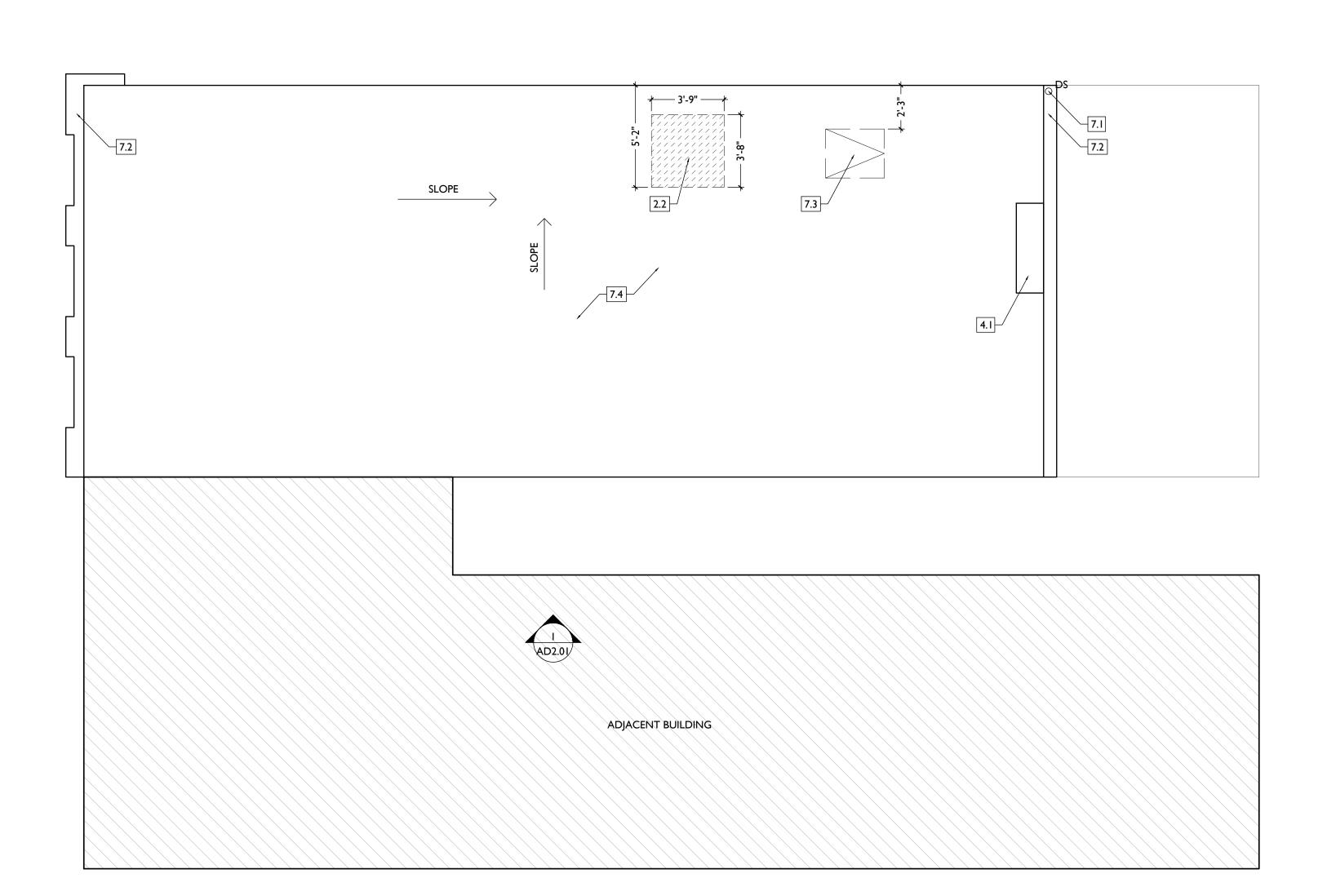
TO REMAIN

EXG WALL/ELEMENT TO BE REMOVED

TO BE REMOVED

EXG DOOR & FRAME TO BE REMOVED CONSTRUCTION







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

Progress Dates

Revisions

2023.04.28 - BID/PERMIT 2024.08.30 - BID SET 2

JBL

ALL KEYED NOTES LISTED MAY NOT APPLY TO THIS SHEET.

I. GENERAL

- 2. EXG CONDITIONS
- 2.1 GENTLY REMOVE, RETAIN AND REINSTALL EXG. FIRE ESCAPE 9.1 HISTORIC PLASTER AT MASONRY WALL TO REMAIN, IF IN NEW LOCATION. SEE A PLANS FOR NEW LOCATION.
- STRUCTURAL DWGS & NEW WORK PLANS. 2.3 EXG HISTORIC EXTERIOR ORNAMENT TO REMAIN (CORNICE, BRACKET, FRIEZE, ENTABLATURE, PILASTER, ETC).
- 2.4 EXG STRUCTURAL ELEMENTS (POSTS, BEAMS, FOOTINGS, ETC.) TO REMAIN U.N.O., TYPICAL. SEE PROPOSED STRUCTURAL DRAWINGS.
- 2.5 SEE CIVIL DRAWINGS FOR SIDEWALK/STREETSCAPE SCOPE. 3. CONCRETE
- 3.1 CONCRETE SLAB TO BE RETAINED.
- 4. MASONRY 4.1 EXG CHIMNEY TO REMAIN.
- 5. METALS
- NON-HISTORIC GUARDRAIL/HANDRAIL.
- 7. THERMAL AND MOISTURE PROTECTION
- 7.1 REMOVE NON-HISTORIC GUTTER & DOWNSPOUTS.
- 5.1 NOT USED.
- 6. WOOD, PLASTICS, AND COMPOSITES 6.1 EXG WOOD STAIR TO REMAIN IN PLACE. REMOVE
- 6.2 REMOVE EXG NON-HISTORIC WOOD STAIR ENTIRELY.
- 7.2 REPAIR/RETAIN EXG HISTORIC CORNICE & BOX GUTTER. 7.3 REMOVE ROOF ACCESS HATCH.

- 7.4 REMOVE EXG MEMBRANE ROOF. CONTRACTOR TO INSPECT EXG ROOF DECKING AND REPAIR AS NEEDED.

8.1 REMOVE NON-HISTORIC WINDOW & NON-HISTORIC FRAME

- ENTIRELY, BACK TO MASONRY OPENING. 8.2 NON-HISTORIC DOOR & FRAME TO BE REMOVED ENTIRELY, BACK TO MASONRY OPENING.
- 8.3 NEW OPENING IN EXG HISTORIC WALL. SEE NEW WORK
- POSSIBLE. 2.2 REMOVE FRAMING & SHEATHING/DECKING IN THIS AREA. SEE 9.2 REMOVE NON-HISTORIC FINISH FLOORING DOWN TO WOOD SUBFLOOR.

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

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

ADDITIONAL INFORMATION REGARDING

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

BRICKS AT INTERIOR WYTHES.

DEMO GENERAL NOTES:

- R. DETERIORATED WOOD SUBFLOOR: REPLACE WITH F. RETAIN HISTORIC EXTERIOR ORNAMENT-NEW PLYWOOD SUBFLOOR, SEE PROPOSED.
- CORNICES, FRIEZES, BRACKETS, ETC. S. NON-HISTORIC CABINETRY. G. RETAIN HISTORIC STOREFRONT ELEMENTS -T. NON-HISTORIC WALL FINISHES, INCLUDING COLUMNS, LINTELS, THRESHOLDS, GLAZING, ETC.
- PANELING AND WALLCOVERING. H. RETAIN HISTORIC INTERIOR WOOD TRIM -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

Z. VEGETATION.

- 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.

REMOVE THE FOLLOWING, UNLESS NOTED

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.

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

KEYNOTE EXG EXTERIOR WALL TO REMAIN

EXG INTERIOR WALL

DEMO WORK GRAPHIC KEY:

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

TO BE REMOVED

EXG DOOR & FRAME TO BE REMOVED

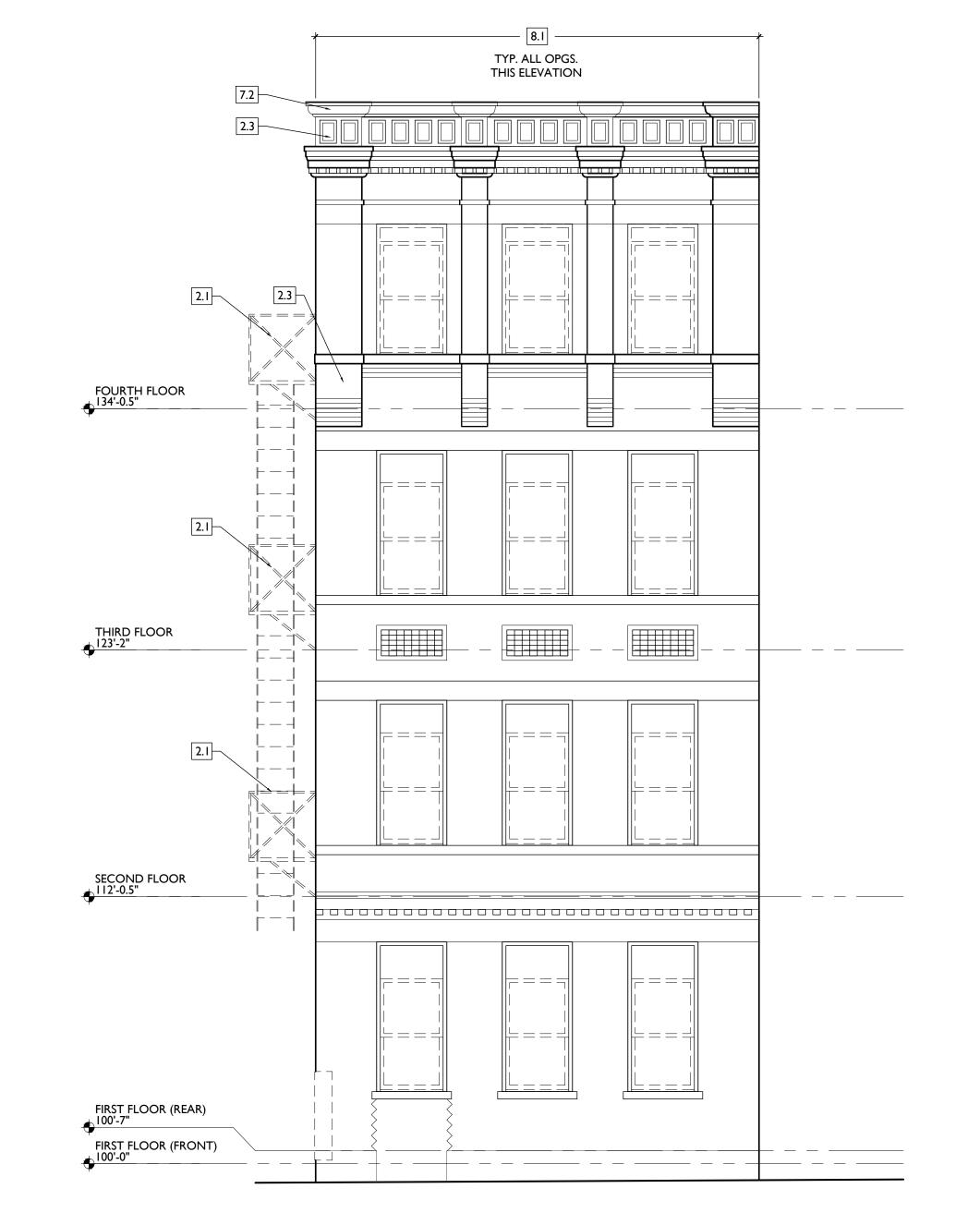
EXG WINDOW TO BE REMOVED EXG FLOOR OR WALL CONSTRUCTION

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

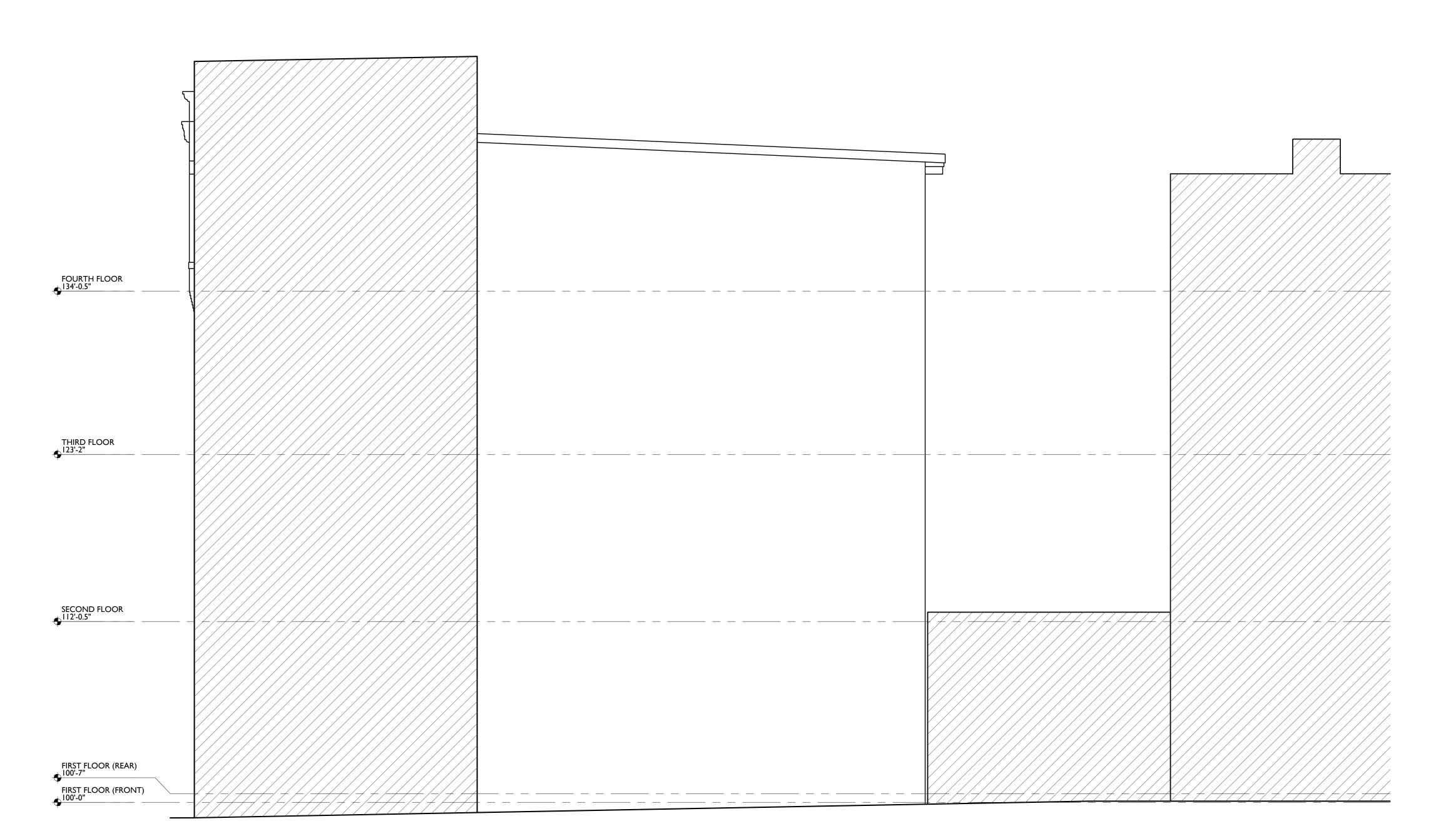
Design Team:
CO, JK, MR, MR, RK, RO, SO, TB
Drawn by:
MR, AM

CONSTRUCTION

REPUBLIC



DEMO GENERAL NOTES: DEMO WORK PLANS & ELEVATIONS # KEYED NOTES: DEMO WORK GRAPHIC KEY: **KEYED NOTES** A. THIS PROJECT IS A NPS AND OHPO HISTORIC BRICKS AT INTERIOR WYTHES. R. DETERIORATED WOOD SUBFLOOR: REPLACE WITH 7.4 REMOVE EXG MEMBRANE ROOF. CONTRACTOR TO INSPECT KEYED NOTES ARE CATEGORIZED FOR ORGANIZATIONAL PURPOSES EXG ROOF DECKING AND REPAIR AS NEEDED. PRESERVATION TAX CREDIT PROJECT. F. RETAIN HISTORIC EXTERIOR ORNAMENT-NEW PLYWOOD SUBFLOOR, SEE PROPOSED. KEYNOTE ONLY. NOTES MAY REQUIRE MATERIALS OR WORK IN CATEGORIES COORDINATE & CONFORM ALL WORK TO CORNICES, FRIEZES, BRACKETS, ETC. S. NON-HISTORIC CABINETRY. OTHER THAN WHERE THEY OCCUR. THE CONTRACTOR IS G. RETAIN HISTORIC STOREFRONT ELEMENTS -EXG EXTERIOR WALL THE APPROVED PART 2 NARRATIVE AND T. NON-HISTORIC WALL FINISHES, INCLUDING RESPONSIBLE FOR THE WORK DESCRIBED IN ALL APPLICABLE NOTES 8.1 REMOVE NON-HISTORIC WINDOW & NON-HISTORIC FRAME **AMENDMENTS. NO HISTORIC ELEMENTS** TO REMAIN COLUMNS, LINTELS, THRESHOLDS, GLAZING, ETC. PANELING AND WALLCOVERING. REGARDLESS OF THE CATEGORY IN WHICH THEY OCCUR. ENTIRELY, BACK TO MASONRY OPENING. U. MECHANICAL SYSTEMS - BOILERS, FURNACES, ARE TO BE REMOVED OR MODIFIED UNLESS H. RETAIN HISTORIC INTERIOR WOOD TRIM -**EXG INTERIOR WALL** 8.2 NON-HISTORIC DOOR & FRAME TO BE REMOVED ENTIRELY, CONDENSERS, DUCTS, VENTS, PANELS, ETC. BACK ALL KEYED NOTES LISTED MAY NOT APPLY TO THIS SHEET. SPECIFICALLY NOTED OTHERWISE. MANTLES, BASEBOARDS, CROWN MOULDING, BACK TO MASONRY OPENING. TO REMAIN THROUGHOUT THIS PROJECT, HISTORIC DOORS, TO SERVICE. WALL PANELS, WAINSCOTING, WINDOW FRAMES, 8.3 NEW OPENING IN EXG HISTORIC WALL. SEE NEW WORK WINDOWS, AND INTERIOR TRIM REMAINS LARGELY DOOR FRAMES, ETC. AT WALLS WHERE PLASTER IS V. ELECTRIC SYSTEMS - FIXTURES, SWITCHES, I. GENERAL EXG WALL/ELEMENT TO BE REMOVED INTACT. HISTORIC ELEMENTS (TRIM, DOORS, ETC.) BEING REMOVED OR WHERE NEW FURRING IS RECEPTACLES, WIRING, PANELS, ETC. BACK TO TO REMAIN OR BE SALVAGED FOR REUSE. PROPOSED, CAREFULLY REMOVE & RETAIN SERVICE. 2. EXG CONDITIONS W.PLUMBING SYSTEMS - FIXTURES, WATER HEATERS, 2.1 GENTLY REMOVE, RETAIN AND REINSTALL EXG. FIRE ESCAPE 9.1 HISTORIC PLASTER AT MASONRY WALL TO REMAIN, IF B. IF UNEXPECTED HISTORIC TRIM IS UNCOVERED HISTORIC TRIM. IN NEW LOCATION. SEE A PLANS FOR NEW LOCATION. DRAINS, PIPING, VENT STACKS, ETC. BACK TO I. RETAIN HISTORIC INTERIOR AND EXTERIOR EXG DOOR & FRAME DURING DEMOLITION, STOP WORK AND POSSIBLE. 2.2 REMOVE FRAMING & SHEATHING/DECKING IN THIS AREA. SEE 9.2 REMOVE NON-HISTORIC FINISH FLOORING DOWN TO CONTACT ARCHITECT IMMEDIATELY FOR DOORS, TRANSOMS, AND SIDELITES. SERVICE. TO BE REMOVED STRUCTURAL DWGS & NEW WORK PLANS. WOOD SUBFLOOR. DOCUMENTATION AND POSSIBLE SHPO/NPS . RETAIN HISTORIC WOOD WINDOW SASH, FRAMES, X. NON-HISTORIC DOWNSPOUTS & ALUMINUM EXG WINDOW TO BE 2.3 EXG HISTORIC EXTERIOR ORNAMENT TO REMAIN (CORNICE, BRICK MOULD AND SHUTTER HARDWARE. GUTTERS, GUTTERBOARDS. BRACKET, FRIEZE, ENTABLATURE, PILASTER, ETC). REMOVED C. AT NEW OPENINGS AND MODIFICATIONS OF EXG K. EXG DOWNSPOUT TIE-IN LOCATIONS TO BE Y. NON-HISTORIC VINYL AND ALUMINUM WINDOWS. 2.4 EXG STRUCTURAL ELEMENTS (POSTS, BEAMS, FOOTINGS, OPENINGS IN MASONRY AND EXTERIOR WALLS: REUSED, UNO. CLEAR OF DEBRIS & REPAIR AS REQ. RETAIN HISTORIC WOOD FRAMES & BRICKMOLD. ETC.) TO REMAIN U.N.O., TYPICAL. SEE PROPOSED EXG FLOOR OR WALL I. VERIFY ANY INFILL IS NON-LOADBEARING PRIOR Z. VEGETATION. STRUCTURAL DRAWINGS. CONSTRUCTION REMOVE THE FOLLOWING, UNLESS NOTED TO DEMOLITION. TO BE REMOVED 2.5 SEE CIVIL DRAWINGS FOR SIDEWALK/STREETSCAPE SCOPE. OTHERWISE: 2. VERIFY CONDITION OF ANY EXG LINTELS. IF DAMAGED, CONTACT ARCHITECT AND L. FURNITURE & DEBRIS, INTERIOR & EXTERIOR, ALL 3. CONCRETE STRUCTURAL ENGINEER. FLOOR LEVELS, INCLUDING BASEMENT & ATTIC. 3.1 CONCRETE SLAB TO BE RETAINED. 3. PROVIDE SHORING AS REQUIRED. M. SUSPENDED ACOUSTICAL CEILINGS. 4. MASONRY 4. TOOTH OUT AND KEY IN MASONRY SO CUT N. NON-HISTORIC DOORS & DOOR FRAMES (SHOWN 4.1 EXG CHIMNEY TO REMAIN. BRICK IS NOT EXPOSED, EXCEPT WHERE NOTED DASHED). IN CORRIDORS. O. NON-HISTORIC STAIRS (SHOWN DASHED). 5. METALS 5. EXPOSED MASONRY EDGES ARE TO BE FIRED P. PLASTER & LATH: REFER TO HISTORIC NARRATIVES 5.1 NOT USED. EDGES U.N.O. FOR SPECIFIC GUIDELINES FOR PLASTER REPAIR, WHEN REQ. FOLLOW THESE GUIDELINES FOR THE D. AT COMPLETION OF DEMOLITION, ALL FLOORS 6. WOOD, PLASTICS, AND COMPOSITES SHALL BE SWEPT BROOM CLEAN. REMOVAL OR RETENTION OF PLASTER AND LATH, 6.1 EXG WOOD STAIR TO REMAIN IN PLACE. REMOVE UNO. RETAIN AND REPAIR PLASTER AT HISTORIC NON-HISTORIC GUARDRAIL/HANDRAIL. ADDITIONAL INFORMATION REGARDING INTERIOR WALLS TO REMAIN. REMOVE LOOSE OR 6.2 REMOVE EXG NON-HISTORIC WOOD STAIR ENTIRELY. **ELEMENTS TO BE RETAINED:** DETERIORATED PLASTER AT MASONRY WALLS. 7. THERMAL AND MOISTURE PROTECTION E. IN AREAS OF NEW MASONRY OPENINGS, SALVAGE Q. ROOFING DOWN TO EXG. SUBSTRATE, U.N.O. 7.1 REMOVE NON-HISTORIC GUTTER & DOWNSPOUTS. HISTORIC BRICK FOR REUSE & CAREFULLY SORT REPLACE DAMAGED/DETERIORATED SUBSTRATE AS 7.2 REPAIR/RETAIN EXG HISTORIC CORNICE & BOX GUTTER. AND SEPARATE HARD-FIRED FACE BRICK FROM 7.3 REMOVE ROOF ACCESS HATCH.



ONSTRUCTION

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

Job No: 22042 08/30/2024

PUBL

KEYED NOTES

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

ALL KEYED NOTES LISTED MAY NOT APPLY TO THIS SHEET.

I. GENERAL

- 2. EXG CONDITIONS
- 2.1 GENTLY REMOVE, RETAIN AND REINSTALL EXG. FIRE ESCAPE 9.1 HISTORIC PLASTER AT MASONRY WALL TO REMAIN, IF IN NEW LOCATION. SEE A PLANS FOR NEW LOCATION. 2.2 REMOVE FRAMING & SHEATHING/DECKING IN THIS AREA. SEE 9.2 REMOVE NON-HISTORIC FINISH FLOORING DOWN TO
- STRUCTURAL DWGS & NEW WORK PLANS. 2.3 EXG HISTORIC EXTERIOR ORNAMENT TO REMAIN (CORNICE,
- BRACKET, FRIEZE, ENTABLATURE, PILASTER, ETC). 2.4 EXG STRUCTURAL ELEMENTS (POSTS, BEAMS, FOOTINGS, ETC.) TO REMAIN U.N.O., TYPICAL. SEE PROPOSED
- STRUCTURAL DRAWINGS. 2.5 SEE CIVIL DRAWINGS FOR SIDEWALK/STREETSCAPE SCOPE.

3. CONCRETE

- 3.1 CONCRETE SLAB TO BE RETAINED.
- 4. MASONRY 4.1 EXG CHIMNEY TO REMAIN.
- 5. METALS 5.1 NOT USED.

6. WOOD, PLASTICS, AND COMPOSITES

- 6.1 EXG WOOD STAIR TO REMAIN IN PLACE. REMOVE
- NON-HISTORIC GUARDRAIL/HANDRAIL. 6.2 REMOVE EXG NON-HISTORIC WOOD STAIR ENTIRELY.
- 7. THERMAL AND MOISTURE PROTECTION

7.3 REMOVE ROOF ACCESS HATCH.

7.1 REMOVE NON-HISTORIC GUTTER & DOWNSPOUTS. 7.2 REPAIR/RETAIN EXG HISTORIC CORNICE & BOX GUTTER. 7.4 REMOVE EXG MEMBRANE ROOF. CONTRACTOR TO INSPECT EXG ROOF DECKING AND REPAIR AS NEEDED.

- 8.1 REMOVE NON-HISTORIC WINDOW & NON-HISTORIC FRAME ENTIRELY, BACK TO MASONRY OPENING.
- 8.2 NON-HISTORIC DOOR & FRAME TO BE REMOVED ENTIRELY, BACK TO MASONRY OPENING. 8.3 NEW OPENING IN EXG HISTORIC WALL. SEE NEW WORK

POSSIBLE.

WOOD SUBFLOOR.

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

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

- DOCUMENTATION AND POSSIBLE SHPO/NPS C. AT NEW OPENINGS AND MODIFICATIONS OF EXG K. EXG DOWNSPOUT TIE-IN LOCATIONS TO BE OPENINGS IN MASONRY AND EXTERIOR WALLS:
- I. VERIFY ANY INFILL IS NON-LOADBEARING PRIOR TO DEMOLITION.
- 2. VERIFY CONDITION OF ANY EXG LINTELS. IF DAMAGED, CONTACT ARCHITECT AND STRUCTURAL ENGINEER.

3. PROVIDE SHORING AS REQUIRED.

- 4. TOOTH OUT AND KEY IN MASONRY SO CUT BRICK IS NOT EXPOSED, EXCEPT WHERE NOTED IN CORRIDORS. 5. EXPOSED MASONRY EDGES ARE TO BE FIRED
- EDGES U.N.O. D. AT COMPLETION OF DEMOLITION, ALL FLOORS SHALL BE SWEPT BROOM CLEAN.

ADDITIONAL INFORMATION REGARDING

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

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

DEMO GENERAL NOTES:

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

COLUMNS, LINTELS, THRESHOLDS, GLAZING, ETC. PANELING AND WALLCOVERING. H. RETAIN HISTORIC INTERIOR WOOD TRIM -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

PROPOSED, CAREFULLY REMOVE & RETAIN HISTORIC TRIM. I. RETAIN HISTORIC INTERIOR AND EXTERIOR

DOORS, TRANSOMS, AND SIDELITES. . RETAIN HISTORIC WOOD WINDOW SASH, FRAMES, X. NON-HISTORIC DOWNSPOUTS & ALUMINUM BRICK MOULD AND SHUTTER HARDWARE.

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

REMOVE THE FOLLOWING, UNLESS NOTED OTHERWISE:

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

M. SUSPENDED ACOUSTICAL CEILINGS. N. NON-HISTORIC DOORS & DOOR FRAMES (SHOWN

DASHED). O. NON-HISTORIC STAIRS (SHOWN DASHED). P. PLASTER & LATH: REFER TO HISTORIC NARRATIVES FOR SPECIFIC GUIDELINES FOR PLASTER REPAIR, WHEN REQ. FOLLOW THESE GUIDELINES FOR THE REMOVAL OR RETENTION OF PLASTER AND LATH, UNO. RETAIN AND REPAIR PLASTER AT HISTORIC INTERIOR WALLS TO REMAIN. REMOVE LOOSE OR DETERIORATED PLASTER AT MASONRY WALLS. Q. ROOFING DOWN TO EXG. SUBSTRATE, U.N.O. REPLACE DAMAGED/DETERIORATED SUBSTRATE AS R. DETERIORATED WOOD SUBFLOOR: REPLACE WITH NEW PLYWOOD SUBFLOOR, SEE PROPOSED. S. NON-HISTORIC CABINETRY.

T. NON-HISTORIC WALL FINISHES, INCLUDING

U. MECHANICAL SYSTEMS - BOILERS, FURNACES, CONDENSERS, DUCTS, VENTS, PANELS, ETC. BACK 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. GUTTERS, GUTTERBOARDS.

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

EXG EXTERIOR WALL TO REMAIN EXG INTERIOR WALL

KEYNOTE

DEMO WORK GRAPHIC KEY:

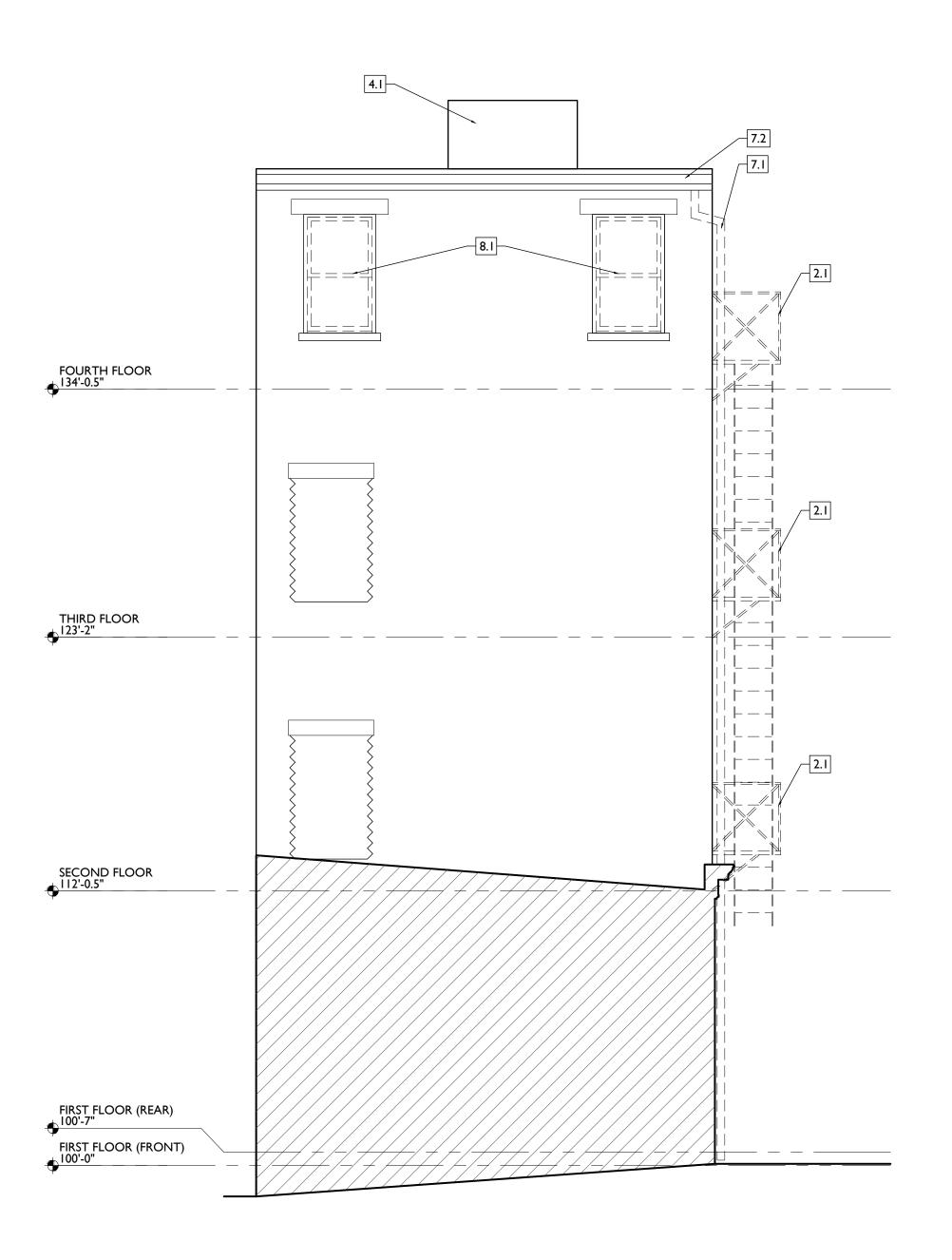
TO REMAIN EXG WALL/ELEMENT TO BE REMOVED

EXG DOOR & FRAME TO BE REMOVED

TO BE REMOVED

EXG WINDOW TO BE REMOVED EXG FLOOR OR WALL

CONSTRUCTION



2023.04.28 - BID/PERMIT 2024.08.30 - BID SET 2 Revisions

Progress Dates

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

PUBL

ONSTRUC

AND SEPARATE HARD-FIRED FACE BRICK FROM

KEYED NOTES

I. GENERAL

3. CONCRETE

4. MASONRY

5. METALS

5.1 NOT USED.

7.2 REPAIR/RETAIN EXG HISTORIC CORNICE & BOX GUTTER.

7.3 REMOVE ROOF ACCESS HATCH.



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

Job No: 22042 08/30/2024

REPUBLIC

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

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

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

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

SUBSTANTIAL COMPLETION AND FINAL ACCEPTANCE.

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

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

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

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

GENERAL NOTES: ALL TRADES

ALL ITEMS.

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.

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

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

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

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

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

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

DEFINITIONS:

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

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

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

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

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

DRAWINGS PREPARED BY OTHERS:

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

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

GENERAL NOTES: PROPOSED WORK

- A. THIS IS A HISTORIC TAX CREDIT PROJECT. WORK MUST COMPLY W/ APPROVED PART 2, NCLUDING AMENDMENTS
- B. NO HISTORIC ELEMENTS SHALL BE REMOVED/MODIFIED UNLESS SPECIFICALLY INDICATED IN ARCH PLANS.
- REPAIR OR REPLACE EXG DAMAGED OR DETERIORATED FLOOR FRAMING &/OR WOOD SUBFLOOR - PER STRUCT DWGS.
- D. HISTORIC TRIM TO BE RETAINED, U.N.O. SEE DEMO & PROPOSED PLANS. E. RETAIN ANY REMAINING HISTORIC WOOD WINDOW SASH, FRAMES, BRICKMOLD &
- SHUTTER HARDWARE, U.N.O. SEE DEMO & EXTERIOR ELEVATIONS. REPAIR MATERIALS THAT ARE DETERIORATED OR HAVE MOISTURE/FIRE DAMAGE AS REQ. IF DAMAGE IS SEVERE AND HISTORIC ELEMENTS ARE NON-SALVAGEABLE, COORDINATE
- REPLACEMENT ELEMENTS WITH ARCHITECT. G. SEE CODE SHEETS FOR ROOF/FLOOR/CEILING ASSEMBLY LOCATIONS & PARTITION SCHEDULE FOR TYPES.
- H. PENETRATIONS OF RATED ASSEMBLIES TO BE PROTECTED PER SECTION 713.3 & 713.4 OBC.
- COORD W/ MEP DWGS.
- PROVIDE DRAFTSTOPPING IN FLOORS, CLGS/ROOFS & ATTICS PER OBC. PROVIDE BLOCKING FOR SHELVING, CABINETS AND BATHROOM ACCESSORIES AND GRAB
- BARS. SEE PLANS AND INTERIOR ELEVATIONS. USE PRESSURE TREATED WOOD IN THE FOLLOWING LOCATIONS: - EXTERIOR APPLICATIONS.

PROVIDE FIRE BLOCKING PER 717.2 OBC.

WARRANTY

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

 $\mathbf{\Omega}$ 0

Job No: 22042 08/30/2024

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

Revisions

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.

3.1 SLAB TO REMAIN. SCOPE & VERIFY FLOOR DRAINS CONNECT TO SEWER. REPAIR AS REQUIRED. 3.2 VAPOR MITIGATION SYSTEM BELOW SLAB, AS REQUIRED BY OWNER'S CONSULTANT. SEE CONSULTANT DESIGN FOR

SYSTEM DETAILS AND LOCATIONS OF VERTICAL VENTS. SEE

4. MASONRY

4.1 TUCKPOINT BRICK AS SHOWN ON STRUCTURAL ELEVATIONS & 8.1 NEW ALUMINUM CLAD WINDOW & TRIM INSTALLED IN PER SHPO NARRATIVE.

5. METALS 5.1 NEW CONTINUOUS STEEL PIPE HANDRAIL. SEE DETAILS.

5.2 NEW STEEL PIPE GUARDRAIL. SEE DETAILS. 5.3 RELOCATED EXG. FIRE ESCAPE TO BE PAINTED BLACK.

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

6.3 REPAIR/RETAIN EXG CORNICE. REPAINT. 6.4 NEW WOOD BASEMENT STAIR IN PREVIOUS LOCATION. SEE DETAILS, SECTIONS, AND STRUCTURAL DWGS.

6.5 NEW WOOD STRUCTURAL MEMBERS. SEE STRUCTURAL DRAWINGS. 6.6 NEW WOOD FRAME BEARING WALL. SEE STRUCTURAL

DRAWINGS.

AREA OF NEW FRAMING/SHEATHING/DECKING. SEE STRUCTURAL DRAWINGS.

THERMAL AND MOISTURE PROTECTION

REPAIR/RE-LINE EXG BOX GUTTER. 7.2 NEW ROUND ALUMINUM DOWNSPOUT PAINTED TO MATCH ADJACENT WALL SURFACE. SEE EXTERIOR ELEVATIONS. TIE INTO 10.4 PROVIDE "NO SMOKING" SIGN AT EXTERIOR WALL. EXISTING SEWER SYSTEM.

7.3 NEW PVC AT LOWER 6' OF DOWNSPOUT. PAINT TO MATCH DOWNSPOUT. 4 NEW FULLY ADHERED WHITE TPO MEMBRANE ROOF W/ TERMINATION BARS & METAL COUNTERFLASHING - SEE ROOF DETAILS. INSULATION PER SCHEDULE. B.O.D. - 60 MIL WHITE

TPO. FULLY ADHERED ROOF SYSTEM, 20 YR WARRANTY, BY CARLISLE SYNTEC, CARLISLE,PA, OR EQUIVALENT. BASIS OF DESIGN = BILCO E50TB, 36"X36". 7.6 PROVIDE NEW DARK BRONZE METAL CAP AT CHIMNEY.

7.7 HATCHED AREA SHOWS APPROXIMATE LOCATION OF NEW 10.10 FIRE ESCAPE ACCESS WINDOW. FIXED ROOF WALKWAY PADS.

MASONRY OPENING PER DETAILS. 8.2 NEW EXTERIOR BUILDING ENTRY DOOR AND FRAME - SEE DOOR SCHEDULE.

9.1 EXG PLASTER AT MASONRY WALL TO BE PATCHED AND REPAIRED, WHERE POSSIBLE. 9.2 FIRE-RATING TO BE CONTINUOUS BEHIND

PLUMBING/CHASE/FURRING WALL. FIRE RATING TO BE CONTINUOUS AT INTERSECTION W/ NON-RATED WALL. 9.3 NEW HARDWOOD FLOORING. 9.4 SUPPORTING CONSTRUCTION TO BE RATED. SEE DETAILS "4" &

"5" ON SHEET A6.02.

10.1 LOCKABLE & RECESSED MAILBOXES. BOXES TO MEET USPS-4C 23.1 MECHANICAL UNIT(S) - WALKING PADS TO & AROUND 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. 10.5 FIRE EXTINGUISHER. COORDINATE FINAL LOCATION WITH

A. SURFACE MOUNTED. B. IN SINK CABINET IN RESIDENTIAL UNIT, TYPICAL. CRICKETS WHERE REQUIRED FOR POSITIVE DRAINAGE AND W/ 10.6 PROVIDE DRAIN PAN BENEATH WASHING MACHINE/ WATER HEATER. SEE PLUMBING DWGS.

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

AND DETAIL I/A5.00. 7.5 NEW ROOF ACCESS HATCH. INSTALL PER MANUF'S INSTRUCTS. 10.9 RECESSED KEY LOCK BOX - BASIS OF DESIGN KNOXBOX 3200. INSTALL PER MANUF'S INSTRUCTS. COORDINATE WITH FIRE

LOCAL FIRE MARSHAL.

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

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. 22.2 PLUMBING CHASE (OR WALL) - VERIFY LOCATIONS IN FIELD TO ALIGN CONCEALMENT BETWEEN FLOORS.

22.3 HOSEBIB LOCATION. SEE PLUMBING DRAWINGS.

21.3 EXTERIOR TAMPER/FLOW NOTIFICATION DEVICE -

23. HEATING, VENTILATING, AND AIR CONDITIONING EQUIPMENT. GUARDRAIL REQUIRED IF EQUIPMENT < 10' FROM

NEW WORK PLANS & ELEVATIONS # KEYED NOTES:

ROOF EDGE. SEE HVAC & STRUCTURAL DWGS. A. ROOF <3:12, INSTALL C.U. ON SOUND ISOLATING PADS. 23.2 NEW EXHAUST/INTAKE LOUVER ON EXTERIOR OF BUILDING, PAINTED TO MATCH ADJACENT BRICK. SEE ELEVATIONS AND

26.1 ELECTRIC PANEL RECESSED IN WALL W/ 30"W X 36"D CLEAR IN FRONT. PAINT TO MATCH ADJACENT WALL W APPROPRIATE

MECHANICAL DRAWINGS. PAINT TYPE FOR PANEL. 26.2 NEW EXTERIOR LIGHTING. NO EXPOSED CONDUIT ON FACE OF BUILDING.

NEW WORK GRAPHIC KEY: 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

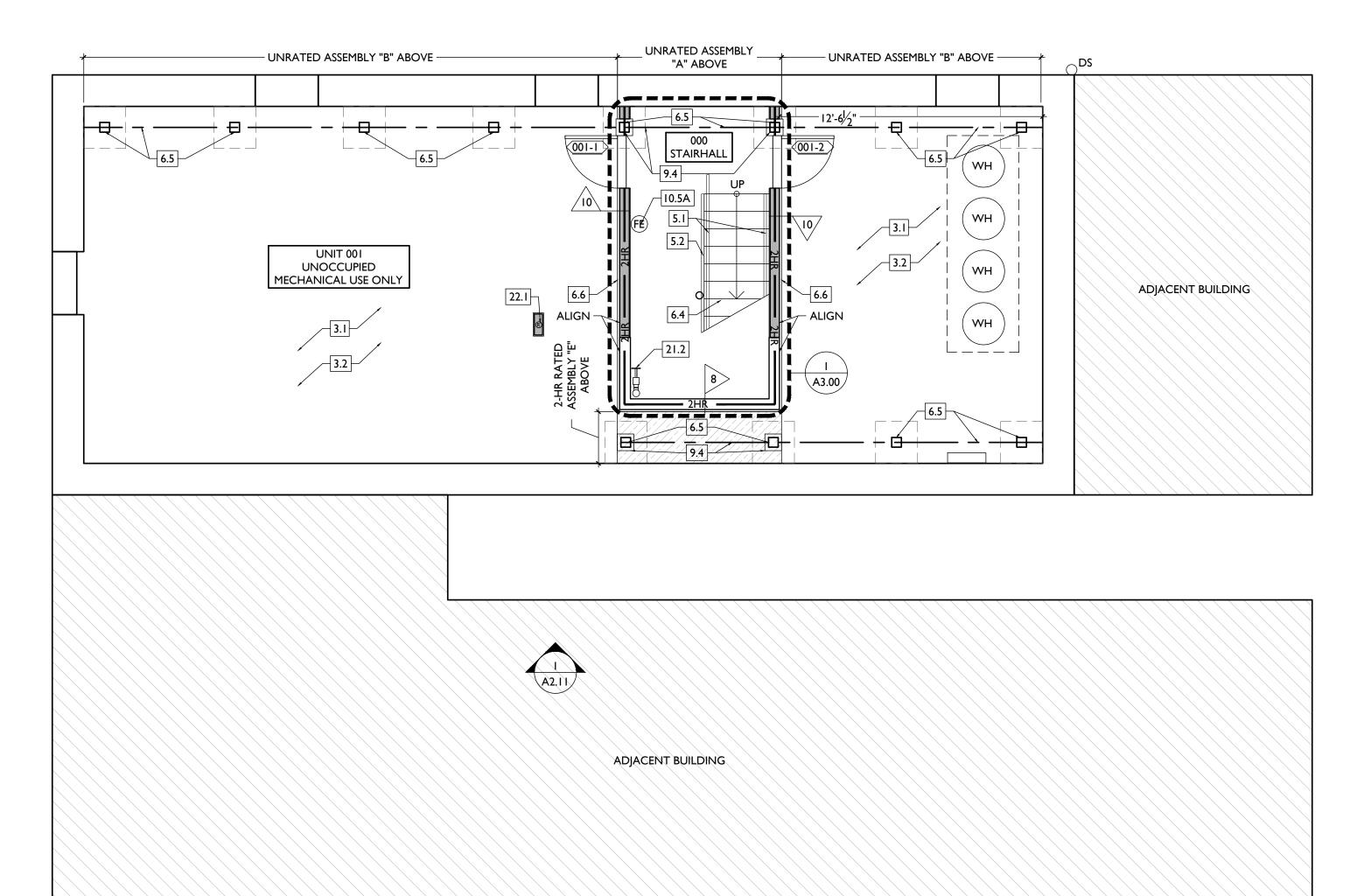
ADJ - SEE STRUCT DWGS. NEW GYP BD SOFFIT/ BULKHEAD/ DROPPED CLG - SEE RCPS.

AREA OF ATYPICAL FIRE-RATED ASSEMBLY ABOVE. 100A DOOR TAG. SEE SCHEDULE.

WINDOW DESIGNATION. <\$FA> 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.





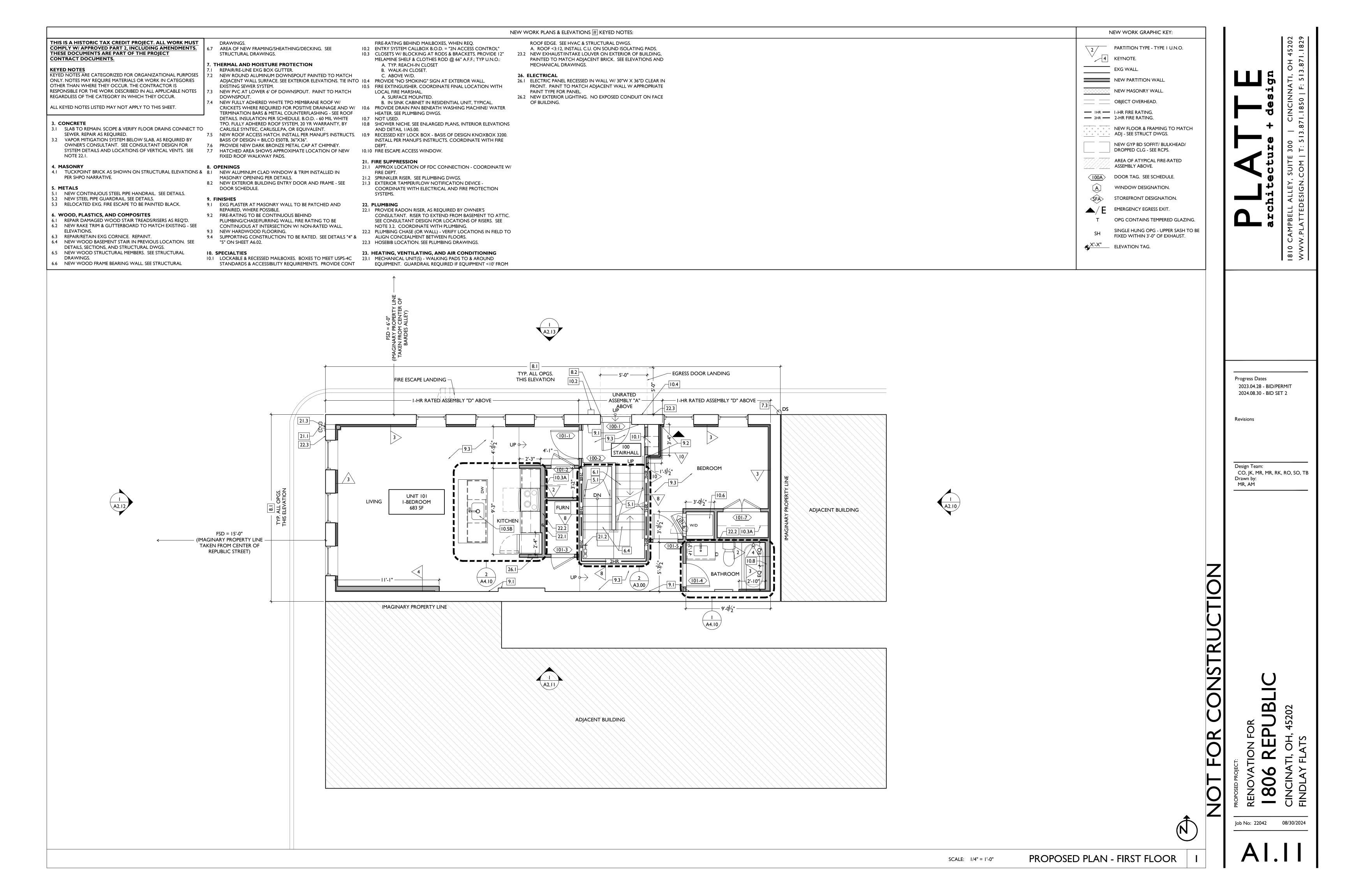
Progress Dates 2023.04.28 - BID/PERMIT 2024.08.30 - BID SET 2

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

ONSTRUCTION

UBL





ALL KEYED NOTES LISTED MAY NOT APPLY TO THIS SHEET.

3.1 SLAB TO REMAIN. SCOPE & VERIFY FLOOR DRAINS CONNECT TO SEWER. REPAIR AS REQUIRED. 3.2 VAPOR MITIGATION SYSTEM BELOW SLAB, AS REQUIRED BY

OWNER'S CONSULTANT. SEE CONSULTANT DESIGN FOR SYSTEM DETAILS AND LOCATIONS OF VERTICAL VENTS. SEE

4. MASONRY

4.1 TUCKPOINT BRICK AS SHOWN ON STRUCTURAL ELEVATIONS & 8.1 NEW ALUMINUM CLAD WINDOW & TRIM INSTALLED IN PER SHPO NARRATIVE.

5. METALS

5.1 NEW CONTINUOUS STEEL PIPE HANDRAIL. SEE DETAILS. 5.2 NEW STEEL PIPE GUARDRAIL. SEE DETAILS. 5.3 RELOCATED EXG. FIRE ESCAPE TO BE PAINTED BLACK.

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

6.3 REPAIR/RETAIN EXG CORNICE. REPAINT.

6.4 NEW WOOD BASEMENT STAIR IN PREVIOUS LOCATION. SEE DETAILS, SECTIONS, AND STRUCTURAL DWGS.

6.5 NEW WOOD STRUCTURAL MEMBERS. SEE STRUCTURAL

DRAWINGS. 6.6 NEW WOOD FRAME BEARING WALL. SEE STRUCTURAL

DRAWINGS.

AREA OF NEW FRAMING/SHEATHING/DECKING. SEE STRUCTURAL DRAWINGS.

THERMAL AND MOISTURE PROTECTION

REPAIR/RE-LINE EXG BOX GUTTER. 7.2 NEW ROUND ALUMINUM DOWNSPOUT PAINTED TO MATCH ADJACENT WALL SURFACE. SEE EXTERIOR ELEVATIONS. TIE INTO 10.4 PROVIDE "NO SMOKING" SIGN AT EXTERIOR WALL.

EXISTING SEWER SYSTEM. 7.3 NEW PVC AT LOWER 6' OF DOWNSPOUT. PAINT TO MATCH DOWNSPOUT.

4 NEW FULLY ADHERED WHITE TPO MEMBRANE ROOF W/ CRICKETS WHERE REQUIRED FOR POSITIVE DRAINAGE AND W/ 10.6 PROVIDE DRAIN PAN BENEATH WASHING MACHINE/ WATER TERMINATION BARS & METAL COUNTERFLASHING - SEE ROOF DETAILS. INSULATION PER SCHEDULE. B.O.D. - 60 MIL WHITE TPO. FULLY ADHERED ROOF SYSTEM, 20 YR WARRANTY, BY

CARLISLE SYNTEC, CARLISLE,PA, OR EQUIVALENT. BASIS OF DESIGN = BILCO E50TB, 36"X36". 7.6 PROVIDE NEW DARK BRONZE METAL CAP AT CHIMNEY.

FIXED ROOF WALKWAY PADS.

MASONRY OPENING PER DETAILS. 8.2 NEW EXTERIOR BUILDING ENTRY DOOR AND FRAME - SEE DOOR SCHEDULE.

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" &

10. SPECIALTIES

"5" ON SHEET A6.02.

10.1 LOCKABLE & RECESSED MAILBOXES. BOXES TO MEET USPS-4C 23.1 MECHANICAL UNIT(S) - WALKING PADS TO & AROUND 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.

10.5 FIRE EXTINGUISHER. COORDINATE FINAL LOCATION WITH LOCAL FIRE MARSHAL.

A. SURFACE MOUNTED. B. IN SINK CABINET IN RESIDENTIAL UNIT, TYPICAL. HEATER. SEE PLUMBING DWGS.

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

AND DETAIL I/A5.00. 7.5 NEW ROOF ACCESS HATCH. INSTALL PER MANUF'S INSTRUCTS. 10.9 RECESSED KEY LOCK BOX - BASIS OF DESIGN KNOXBOX 3200. INSTALL PER MANUF'S INSTRUCTS. COORDINATE WITH FIRE

7.7 HATCHED AREA SHOWS APPROXIMATE LOCATION OF NEW 10.10 FIRE ESCAPE ACCESS WINDOW.

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. SEE CONSULTANT DESIGN FOR LOCATIONS OF RISERS. SEE

NOTE 3.2. COORDINATE WITH PLUMBING. 22.2 PLUMBING CHASE (OR WALL) - VERIFY LOCATIONS IN FIELD TO ALIGN CONCEALMENT BETWEEN FLOORS.

22.3 HOSEBIB LOCATION. SEE PLUMBING DRAWINGS.

23. HEATING, VENTILATING, AND AIR CONDITIONING EQUIPMENT. GUARDRAIL REQUIRED IF EQUIPMENT < 10' FROM

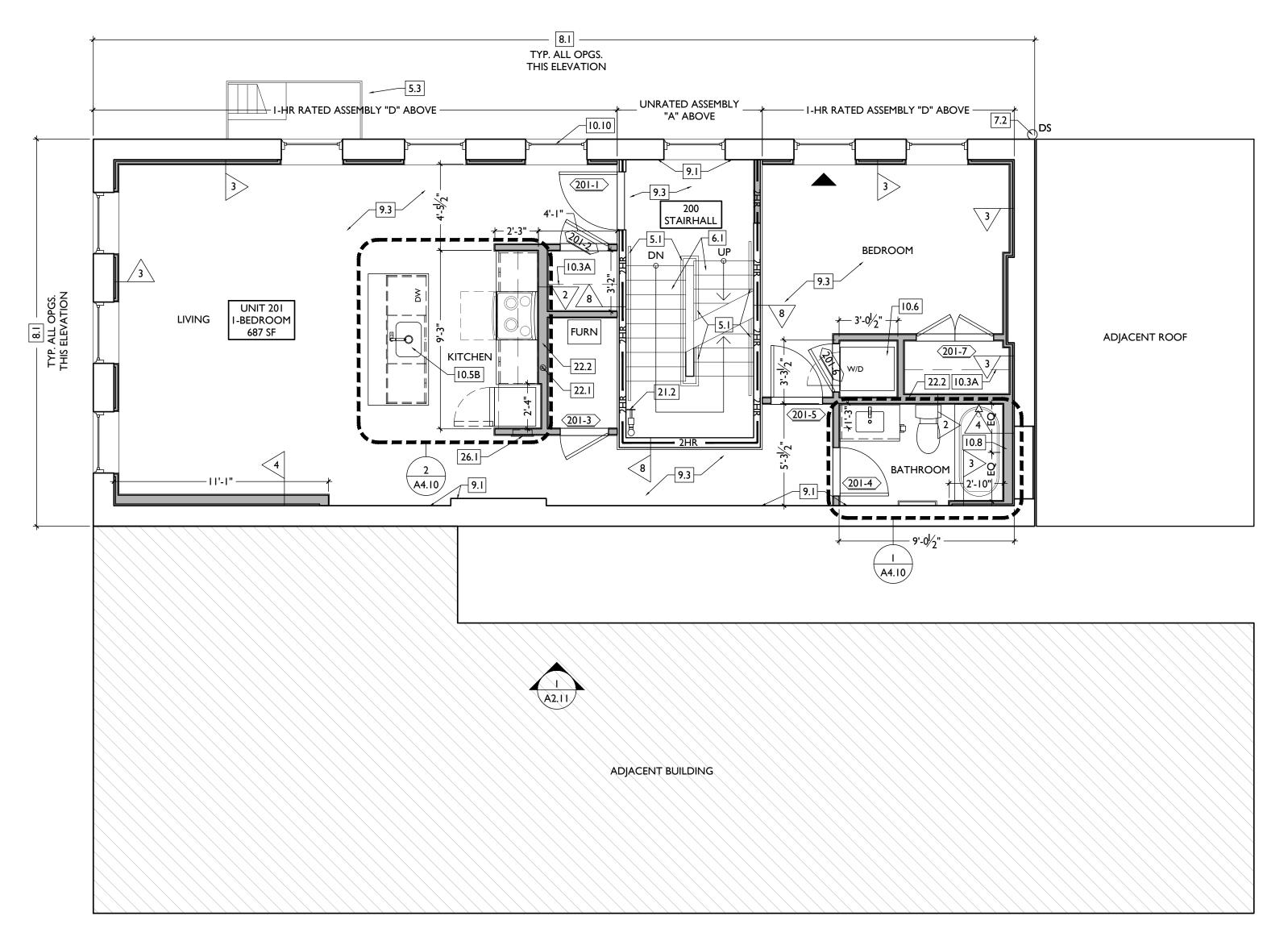
NEW WORK PLANS & ELEVATIONS # KEYED NOTES:

ROOF EDGE. SEE HVAC & STRUCTURAL DWGS. A. ROOF <3:12, INSTALL C.U. ON SOUND ISOLATING PADS. 23.2 NEW EXHAUST/INTAKE LOUVER ON EXTERIOR OF BUILDING, PAINTED TO MATCH ADJACENT BRICK. SEE ELEVATIONS AND

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.

MECHANICAL DRAWINGS. NEW PARTITION WALL. NEW MASONRY WALL. 26.2 NEW EXTERIOR LIGHTING. NO EXPOSED CONDUIT ON FACE OBJECT OVERHEAD. OF BUILDING. — 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. <\$FA> STOREFRONT DESIGNATION. EMERGENCY EGRESS EXIT. OPG CONTAINS TEMPERED GLAZING. SINGLE HUNG OPG - UPPER SASH TO BE







ONSTRUCTION

Job No: 22042

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

PROPOSED PLAN - SECOND FLOOR

NEW WORK GRAPHIC KEY:

4 KEYNOTE.

PARTITION TYPE - TYPE I U.N.O.

FIXED WITHIN 3'-0" OF EXHAUST.

X'-X" ELEVATION TAG.

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

JBL

ALL KEYED NOTES LISTED MAY NOT APPLY TO THIS SHEET.

3.1 SLAB TO REMAIN. SCOPE & VERIFY FLOOR DRAINS CONNECT TO SEWER. REPAIR AS REQUIRED. 3.2 VAPOR MITIGATION SYSTEM BELOW SLAB, AS REQUIRED BY

OWNER'S CONSULTANT. SEE CONSULTANT DESIGN FOR

SYSTEM DETAILS AND LOCATIONS OF VERTICAL VENTS. SEE

4. MASONRY 4.1 TUCKPOINT BRICK AS SHOWN ON STRUCTURAL ELEVATIONS & 8.1 NEW ALUMINUM CLAD WINDOW & TRIM INSTALLED IN PER SHPO NARRATIVE.

5. METALS

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

5.3 RELOCATED EXG. FIRE ESCAPE TO BE PAINTED BLACK.

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

6.3 REPAIR/RETAIN EXG CORNICE. REPAINT.

6.4 NEW WOOD BASEMENT STAIR IN PREVIOUS LOCATION. SEE DETAILS, SECTIONS, AND STRUCTURAL DWGS.

6.5 NEW WOOD STRUCTURAL MEMBERS. SEE STRUCTURAL DRAWINGS.

6.6 NEW WOOD FRAME BEARING WALL. SEE STRUCTURAL

EXISTING SEWER SYSTEM. DOWNSPOUT.

FIXED ROOF WALKWAY PADS.

STRUCTURAL DRAWINGS.

REPAIR/RE-LINE EXG BOX GUTTER.

DRAWINGS.

7.3 NEW PVC AT LOWER 6' OF DOWNSPOUT. PAINT TO MATCH 4 NEW FULLY ADHERED WHITE TPO MEMBRANE ROOF W/

7.2 NEW ROUND ALUMINUM DOWNSPOUT PAINTED TO MATCH

TERMINATION BARS & METAL COUNTERFLASHING - SEE ROOF DETAILS. INSULATION PER SCHEDULE. B.O.D. - 60 MIL WHITE TPO. FULLY ADHERED ROOF SYSTEM, 20 YR WARRANTY, BY CARLISLE SYNTEC, CARLISLE,PA, OR EQUIVALENT.

7.5 NEW ROOF ACCESS HATCH. INSTALL PER MANUF'S INSTRUCTS. 10.9 RECESSED KEY LOCK BOX - BASIS OF DESIGN KNOXBOX 3200. BASIS OF DESIGN = BILCO E50TB, 36"X36". 7.6 PROVIDE NEW DARK BRONZE METAL CAP AT CHIMNEY. 7.7 HATCHED AREA SHOWS APPROXIMATE LOCATION OF NEW 10.10 FIRE ESCAPE ACCESS WINDOW.

MASONRY OPENING PER DETAILS. 8.2 NEW EXTERIOR BUILDING ENTRY DOOR AND FRAME - SEE DOOR SCHEDULE.

9.1 EXG PLASTER AT MASONRY WALL TO BE PATCHED AND

REPAIRED, WHERE POSSIBLE.

9.2 FIRE-RATING TO BE CONTINUOUS BEHIND PLUMBING/CHASE/FURRING WALL, FIRE RATING TO BE CONTINUOUS AT INTERSECTION W/ NON-RATED WALL.

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

10. SPECIALTIES

10.1 LOCKABLE & RECESSED MAILBOXES. BOXES TO MEET USPS-4C 23.1 MECHANICAL UNIT(S) - WALKING PADS TO & AROUND 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. ADJACENT WALL SURFACE. SEE EXTERIOR ELEVATIONS. TIE INTO 10.4 PROVIDE "NO SMOKING" SIGN AT EXTERIOR WALL. 10.5 FIRE EXTINGUISHER. COORDINATE FINAL LOCATION WITH LOCAL FIRE MARSHAL.

A. SURFACE MOUNTED. B. IN SINK CABINET IN RESIDENTIAL UNIT, TYPICAL. CRICKETS WHERE REQUIRED FOR POSITIVE DRAINAGE AND W/ 10.6 PROVIDE DRAIN PAN BENEATH WASHING MACHINE/ WATER

HEATER. SEE PLUMBING DWGS. 10.7 NOT USED. 10.8 SHOWER NICHE. SEE ENLARGED PLANS, INTERIOR ELEVATIONS

AND DETAIL I/A5.00. INSTALL PER MANUF'S INSTRUCTS. COORDINATE WITH FIRE

21.3 EXTERIOR TAMPER/FLOW NOTIFICATION DEVICE -

21.2 SPRINKLER RISER. SEE PLUMBING DWGS.

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

COORDINATE WITH ELECTRICAL AND FIRE PROTECTION SYSTEMS. 22. PLUMBING 22.1 PROVIDE RADON RISER, AS REQUIRED BY OWNER'S

SEE CONSULTANT DESIGN FOR LOCATIONS OF RISERS. SEE NOTE 3.2. COORDINATE WITH PLUMBING.

CONSULTANT. RISER TO EXTEND FROM BASEMENT TO ATTIC.

EQUIPMENT. GUARDRAIL REQUIRED IF EQUIPMENT < 10' FROM

22.2 PLUMBING CHASE (OR WALL) - VERIFY LOCATIONS IN FIELD TO ALIGN CONCEALMENT BETWEEN FLOORS. 22.3 HOSEBIB LOCATION. SEE PLUMBING DRAWINGS.

23. HEATING, VENTILATING, AND AIR CONDITIONING

NEW WORK PLANS & ELEVATIONS # KEYED NOTES:

MECHANICAL DRAWINGS.

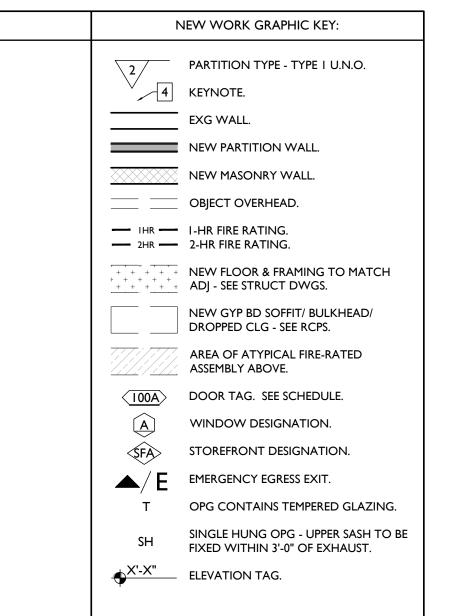
ROOF EDGE. SEE HVAC & STRUCTURAL DWGS.

A. ROOF <3:12, INSTALL C.U. ON SOUND ISOLATING PADS.

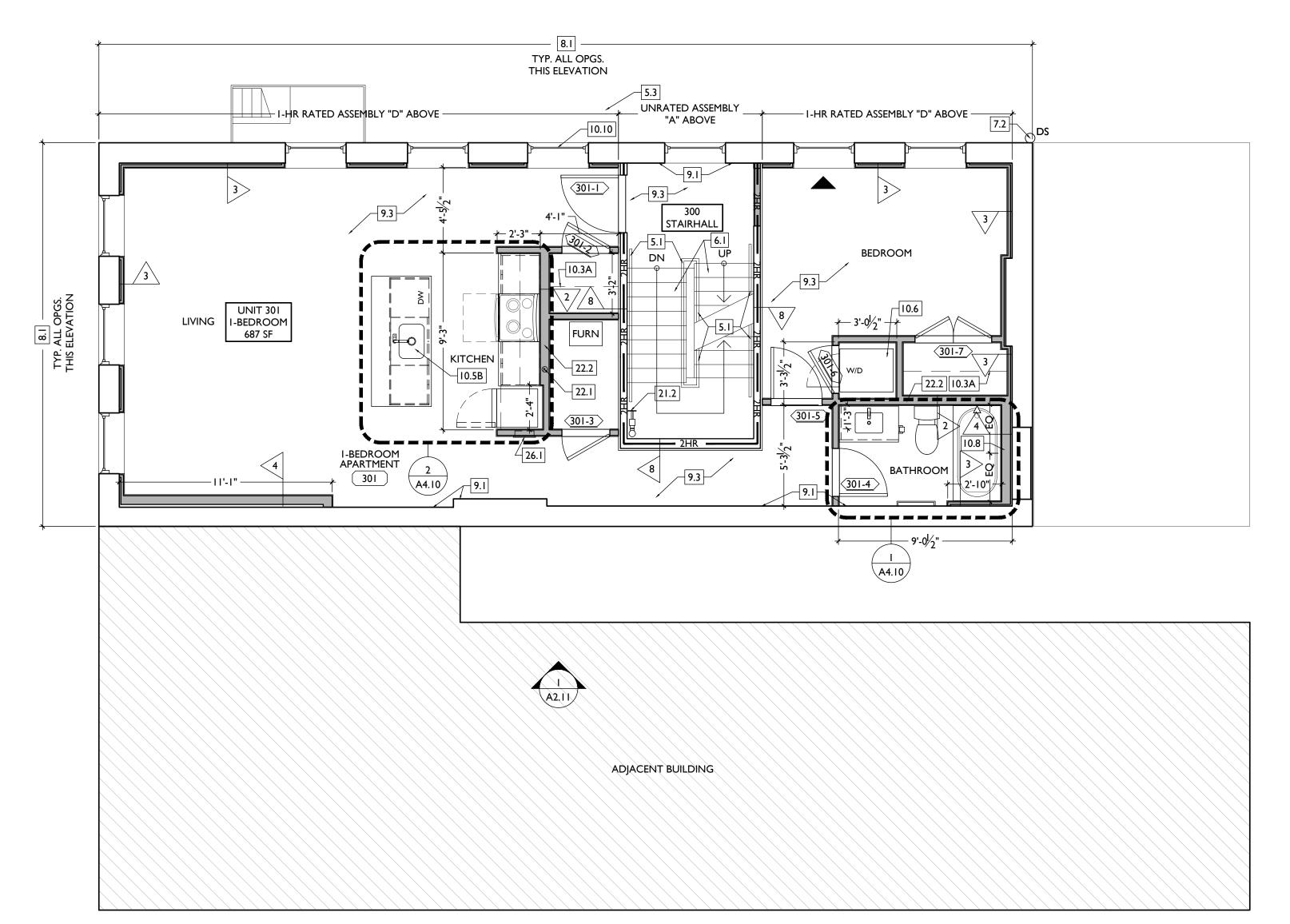
PAINTED TO MATCH ADJACENT BRICK. SEE ELEVATIONS AND

23.2 NEW EXHAUST/INTAKE LOUVER ON EXTERIOR OF BUILDING,

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.









Revisions

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

JBL



ALL KEYED NOTES LISTED MAY NOT APPLY TO THIS SHEET.

3.1 SLAB TO REMAIN. SCOPE & VERIFY FLOOR DRAINS CONNECT TO SEWER. REPAIR AS REQUIRED. 3.2 VAPOR MITIGATION SYSTEM BELOW SLAB, AS REQUIRED BY

OWNER'S CONSULTANT. SEE CONSULTANT DESIGN FOR

SYSTEM DETAILS AND LOCATIONS OF VERTICAL VENTS. SEE

4. MASONRY 4.1 TUCKPOINT BRICK AS SHOWN ON STRUCTURAL ELEVATIONS & 8.1 NEW ALUMINUM CLAD WINDOW & TRIM INSTALLED IN PER SHPO NARRATIVE.

5. METALS 5.1 NEW CONTINUOUS STEEL PIPE HANDRAIL. SEE DETAILS.

5.2 NEW STEEL PIPE GUARDRAIL. SEE DETAILS. 5.3 RELOCATED EXG. FIRE ESCAPE TO BE PAINTED BLACK.

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

- 6.3 REPAIR/RETAIN EXG CORNICE. REPAINT.
- 6.4 NEW WOOD BASEMENT STAIR IN PREVIOUS LOCATION. SEE DETAILS, SECTIONS, AND STRUCTURAL DWGS.
- 6.5 NEW WOOD STRUCTURAL MEMBERS. SEE STRUCTURAL DRAWINGS.

DRAWINGS.

7 AREA OF NEW FRAMING/SHEATHING/DECKING. SEE STRUCTURAL DRAWINGS.

THERMAL AND MOISTURE PROTECTION

REPAIR/RE-LINE EXG BOX GUTTER. 7.2 NEW ROUND ALUMINUM DOWNSPOUT PAINTED TO MATCH ADJACENT WALL SURFACE. SEE EXTERIOR ELEVATIONS. TIE INTO 10.4 PROVIDE "NO SMOKING" SIGN AT EXTERIOR WALL.

EXISTING SEWER SYSTEM. 7.3 NEW PVC AT LOWER 6' OF DOWNSPOUT. PAINT TO MATCH DOWNSPOUT.

- 4 NEW FULLY ADHERED WHITE TPO MEMBRANE ROOF W/ CRICKETS WHERE REQUIRED FOR POSITIVE DRAINAGE AND W/ 10.6 PROVIDE DRAIN PAN BENEATH WASHING MACHINE/ WATER TERMINATION BARS & METAL COUNTERFLASHING - SEE ROOF DETAILS. INSULATION PER SCHEDULE. B.O.D. - 60 MIL WHITE 10.7 NOT USED.
- TPO. FULLY ADHERED ROOF SYSTEM, 20 YR WARRANTY, BY CARLISLE SYNTEC, CARLISLE,PA, OR EQUIVALENT. 7.5 NEW ROOF ACCESS HATCH. INSTALL PER MANUF'S INSTRUCTS. 10.9 RECESSED KEY LOCK BOX - BASIS OF DESIGN KNOXBOX 3200. BASIS OF DESIGN = BILCO E50TB, 36"X36".

MASONRY OPENING PER DETAILS.

7.6 PROVIDE NEW DARK BRONZE METAL CAP AT CHIMNEY.

FIXED ROOF WALKWAY PADS.

8.2 NEW EXTERIOR BUILDING ENTRY DOOR AND FRAME - SEE DOOR SCHEDULE.

9. FINISHES

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

9.2 FIRE-RATING TO BE CONTINUOUS BEHIND PLUMBING/CHASE/FURRING WALL. FIRE RATING TO BE CONTINUOUS AT INTERSECTION W/ NON-RATED WALL.

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

10. SPECIALTIES

6.6 NEW WOOD FRAME BEARING WALL. SEE STRUCTURAL 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.

10.5 FIRE EXTINGUISHER. COORDINATE FINAL LOCATION WITH LOCAL FIRE MARSHAL.

A. SURFACE MOUNTED. B. IN SINK CABINET IN RESIDENTIAL UNIT, TYPICAL. HEATER. SEE PLUMBING DWGS.

10.8 SHOWER NICHE. SEE ENLARGED PLANS, INTERIOR ELEVATIONS AND DETAIL I/A5.00.

INSTALL PER MANUF'S INSTRUCTS. COORDINATE WITH FIRE

7.7 HATCHED AREA SHOWS APPROXIMATE LOCATION OF NEW 10.10 FIRE ESCAPE ACCESS WINDOW.

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. SEE CONSULTANT DESIGN FOR LOCATIONS OF RISERS. SEE

NOTE 3.2. COORDINATE WITH PLUMBING. 22.2 PLUMBING CHASE (OR WALL) - VERIFY LOCATIONS IN FIELD TO ALIGN CONCEALMENT BETWEEN FLOORS.

22.3 HOSEBIB LOCATION. SEE PLUMBING DRAWINGS.

23. HEATING, VENTILATING, AND AIR CONDITIONING 10.1 LOCKABLE & RECESSED MAILBOXES. BOXES TO MEET USPS-4C 23.1 MECHANICAL UNIT(S) - WALKING PADS TO & AROUND EQUIPMENT. GUARDRAIL REQUIRED IF EQUIPMENT < 10' FROM

NEW WORK PLANS & ELEVATIONS # KEYED NOTES:

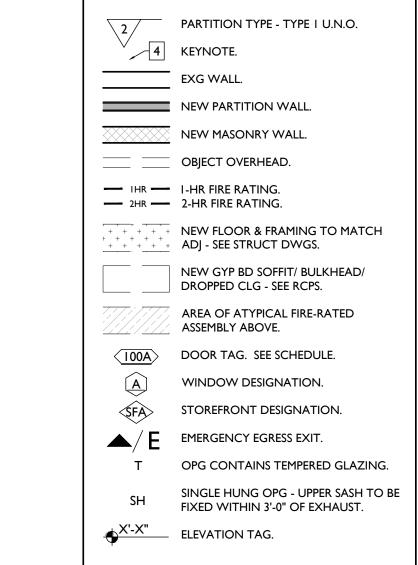
ROOF EDGE. SEE HVAC & STRUCTURAL DWGS. A. ROOF <3:12, INSTALL C.U. ON SOUND ISOLATING PADS. 23.2 NEW EXHAUST/INTAKE LOUVER ON EXTERIOR OF BUILDING, PAINTED TO MATCH ADJACENT BRICK. SEE ELEVATIONS AND

MECHANICAL DRAWINGS.

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.

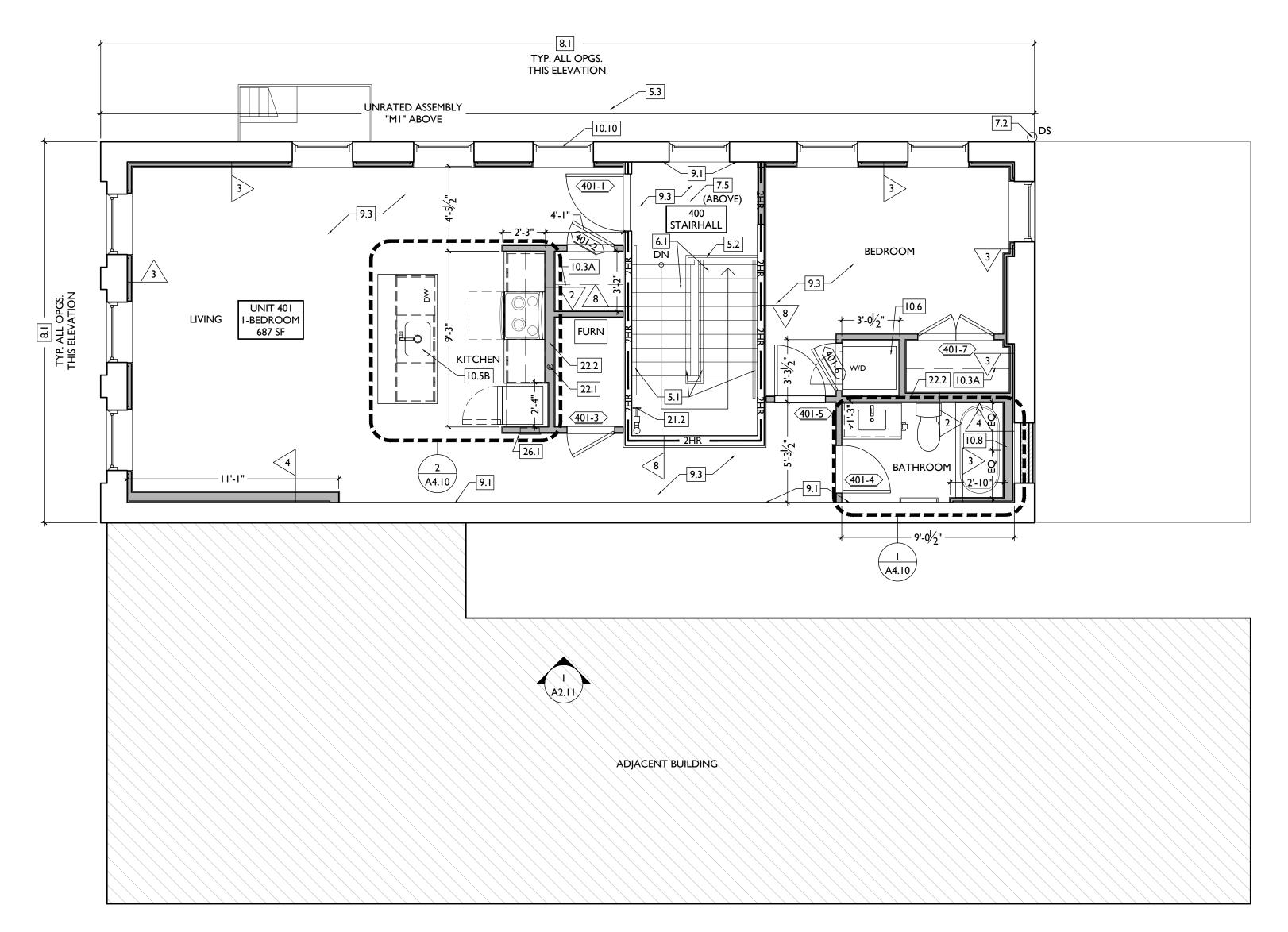
26. ELECTRICAL

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



NEW WORK GRAPHIC KEY:







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

Progress Dates

Revisions

2023.04.28 - BID/PERMIT 2024.08.30 - BID SET 2

JBL

ONSTRUC



3.1 SLAB TO REMAIN. SCOPE & VERIFY FLOOR DRAINS CONNECT TO SEWER. REPAIR AS REQUIRED. 3.2 VAPOR MITIGATION SYSTEM BELOW SLAB, AS REQUIRED BY OWNER'S CONSULTANT. SEE CONSULTANT DESIGN FOR SYSTEM DETAILS AND LOCATIONS OF VERTICAL VENTS. SEE

4. MASONRY

4.1 TUCKPOINT BRICK AS SHOWN ON STRUCTURAL ELEVATIONS & 8.1 NEW ALUMINUM CLAD WINDOW & TRIM INSTALLED IN PER SHPO NARRATIVE.

5. METALS 5.1 NEW CONTINUOUS STEEL PIPE HANDRAIL. SEE DETAILS.

5.2 NEW STEEL PIPE GUARDRAIL. SEE DETAILS. 5.3 RELOCATED EXG. FIRE ESCAPE TO BE PAINTED BLACK.

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 BASEMENT STAIR IN PREVIOUS LOCATION. SEE

DETAILS, SECTIONS, AND STRUCTURAL DWGS. 6.5 NEW WOOD STRUCTURAL MEMBERS. SEE STRUCTURAL

DRAWINGS.

6.6 NEW WOOD FRAME BEARING WALL. SEE STRUCTURAL

DRAWINGS.

7 AREA OF NEW FRAMING/SHEATHING/DECKING. SEE STRUCTURAL DRAWINGS.

THERMAL AND MOISTURE PROTECTION

REPAIR/RE-LINE EXG BOX GUTTER. 7.2 NEW ROUND ALUMINUM DOWNSPOUT PAINTED TO MATCH ADJACENT WALL SURFACE. SEE EXTERIOR ELEVATIONS. TIE INTO 10.4 PROVIDE "NO SMOKING" SIGN AT EXTERIOR WALL.

EXISTING SEWER SYSTEM. 7.3 NEW PVC AT LOWER 6' OF DOWNSPOUT. PAINT TO MATCH DOWNSPOUT.

4 NEW FULLY ADHERED WHITE TPO MEMBRANE ROOF W/ TERMINATION BARS & METAL COUNTERFLASHING - SEE ROOF DETAILS. INSULATION PER SCHEDULE. B.O.D. - 60 MIL WHITE

CARLISLE SYNTEC, CARLISLE,PA, OR EQUIVALENT. 7.5 NEW ROOF ACCESS HATCH. INSTALL PER MANUF'S INSTRUCTS. 10.9 RECESSED KEY LOCK BOX - BASIS OF DESIGN KNOXBOX 3200. BASIS OF DESIGN = BILCO E50TB, 36"X36".

7.6 PROVIDE NEW DARK BRONZE METAL CAP AT CHIMNEY. 7.7 HATCHED AREA SHOWS APPROXIMATE LOCATION OF NEW 10.10 FIRE ESCAPE ACCESS WINDOW. FIXED ROOF WALKWAY PADS.

DOOR SCHEDULE.

MASONRY OPENING PER DETAILS. 21.2 SPRINKLER RISER. SEE PLUMBING DWGS. 8.2 NEW EXTERIOR BUILDING ENTRY DOOR AND FRAME - SEE

9. FINISHES

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

9.2 FIRE-RATING TO BE CONTINUOUS BEHIND PLUMBING/CHASE/FURRING WALL. FIRE RATING TO BE CONTINUOUS AT INTERSECTION W/ NON-RATED WALL. 9.3 NEW HARDWOOD FLOORING.

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

10. SPECIALTIES

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. 10.5 FIRE EXTINGUISHER. COORDINATE FINAL LOCATION WITH LOCAL FIRE MARSHAL.

A. SURFACE MOUNTED. B. IN SINK CABINET IN RESIDENTIAL UNIT, TYPICAL. CRICKETS WHERE REQUIRED FOR POSITIVE DRAINAGE AND W/ 10.6 PROVIDE DRAIN PAN BENEATH WASHING MACHINE/ WATER HEATER. SEE PLUMBING DWGS.

10.7 NOT USED. TPO. FULLY ADHERED ROOF SYSTEM, 20 YR WARRANTY, BY 10.8 SHOWER NICHE. SEE ENLARGED PLANS, INTERIOR ELEVATIONS AND DETAIL I/A5.00.

INSTALL PER MANUF'S INSTRUCTS. COORDINATE WITH FIRE

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

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. 22.2 PLUMBING CHASE (OR WALL) - VERIFY LOCATIONS IN FIELD TO

ALIGN CONCEALMENT BETWEEN FLOORS.

22.3 HOSEBIB LOCATION. SEE PLUMBING DRAWINGS.

23. HEATING, VENTILATING, AND AIR CONDITIONING 10.1 LOCKABLE & RECESSED MAILBOXES. BOXES TO MEET USPS-4C 23.1 MECHANICAL UNIT(S) - WALKING PADS TO & AROUND EQUIPMENT. GUARDRAIL REQUIRED IF EQUIPMENT < 10' FROM

NEW WORK PLANS & ELEVATIONS # KEYED NOTES:

MECHANICAL DRAWINGS.

ROOF EDGE. SEE HVAC & STRUCTURAL DWGS. A. ROOF <3:12, INSTALL C.U. ON SOUND ISOLATING PADS. 23.2 NEW EXHAUST/INTAKE LOUVER ON EXTERIOR OF BUILDING, PAINTED TO MATCH ADJACENT BRICK. SEE ELEVATIONS AND

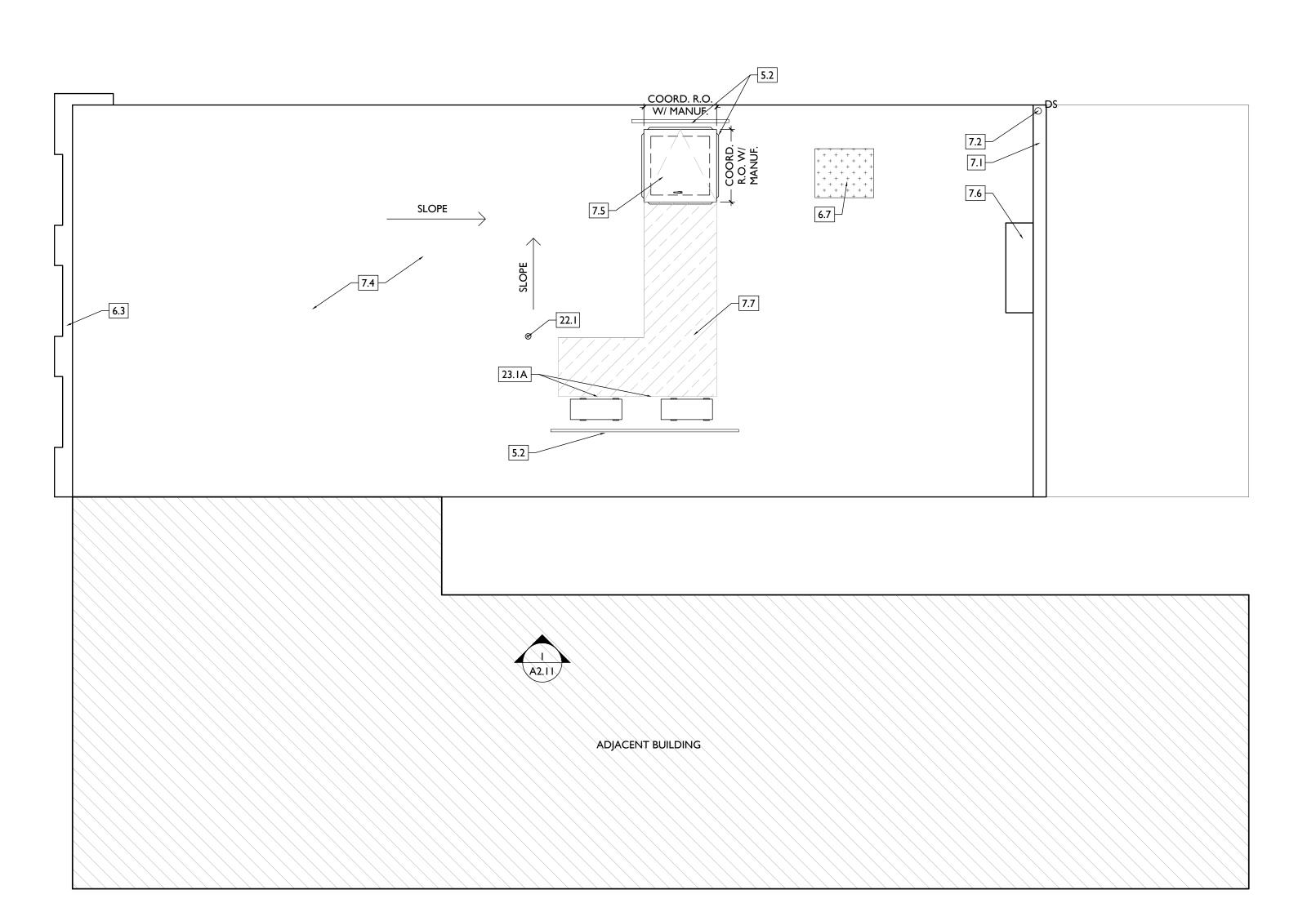
26. ELECTRICAL

OF BUILDING.

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.

4 KEYNOTE. NEW PARTITION WALL. NEW MASONRY WALL. 26.2 NEW EXTERIOR LIGHTING. NO EXPOSED CONDUIT ON FACE 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. DOOR TAG. SEE SCHEDULE. WINDOW DESIGNATION. <\$FA> STOREFRONT DESIGNATION. ▲/E EMERGENCY EGRESS EXIT. OPG CONTAINS TEMPERED GLAZING. SINGLE HUNG OPG - UPPER SASH TO BE FIXED WITHIN 3'-0" OF EXHAUST. X'-X" ELEVATION TAG.







JBL

Job No: 22042

Progress Dates

Revisions

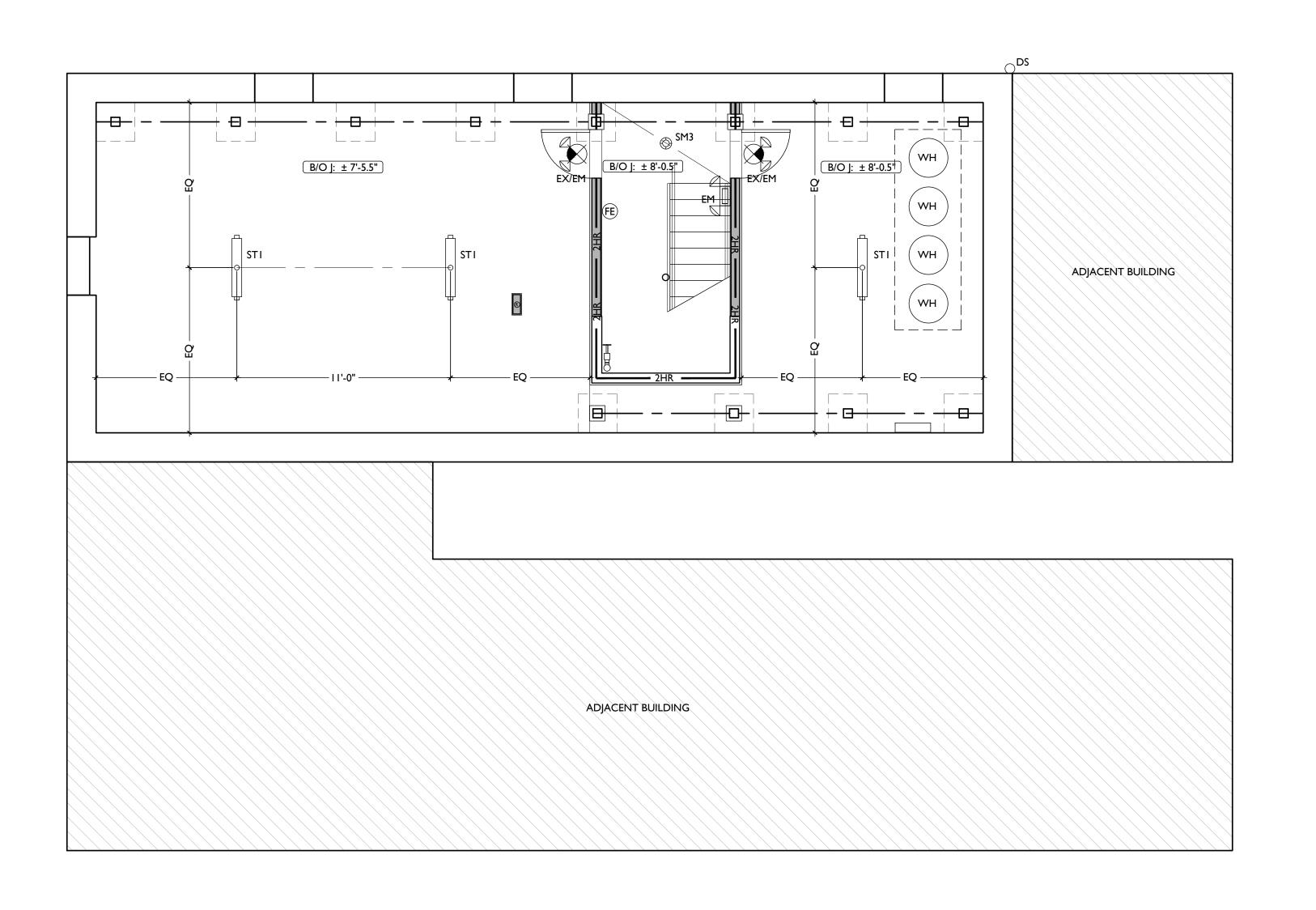
2023.04.28 - BID/PERMIT 2024.08.30 - BID SET 2

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

NEW WORK GRAPHIC KEY:

PARTITION TYPE - TYPE I U.N.O.

				REFLEC	TED CEILING PLAN FIXTURE LEGEND:					REFLECTED CEILING PLAN GENERAL NOTES:	R	EFLECTED CEILING PLAN GRAPHIC KEY:
SYMBOL	FIXTURE TYPE	REMARKS	SYMBOL	FIXTURE TYPE	REMARKS	SYMBOL	FIXTURE TYPE	:	REMARKS	A NOTE THIS IS A HISTORIC TAY CREDIT PROJECT AND MORK MUST		
SMI SM2	SURFACE MOUNT UNITS.	SENERAL LIGHTS. PROVIDE DIMMERS IN RESIDENTIAL DAMP RATED, TYPICAL IN SHOWERS.		CEILING FAN WITH LIGHT	SMALL FAN, TYPICAL IN BEDROOMS AND LIVING ROOMS	RHI	EMERGENCY EGRESS LIGHT	LED REMOTE HEA	D EMERGENCY EGRESS LIGHT	A. NOTE: THIS IS A HISTORIC TAX CREDIT PROJECT. ALL WORK MUST COMPLY W/ APPROVED. PART 2, INCLUDING AMENDMENTS. NO HISTORIC ELEMENTS SHALL BE REMOVED/MODIFIED UNLESS SPECIFICALLY INDICATED IN ARCH DWGS. B. IF A FIXTURE APPEARS TO BE CENTERED IN A SPACE. THEN CENTER IT.	CH: 8'-0"	CEILING HEIGHT TAG (TYP 8'-0" U.N.O.) SOFFIT/LOWERED GYP BD CEILING
© SM3	SM3 - A	LWAYS ON , TYPICAL IN COMMON STAIRHALLS	FI	WITH LIGHT	STEALE THAT, THE ONE IN SECTION I	EM	EMERGENCY EGRESS LIGHT	EMERGENCY EGF	ESS 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		AREA OF ATYPICAL FIRE-RATING. SEE PLANS & SHEET A0.01
SM13	ENTRY LIGHT	HALL ENTRY VESTIBULE, IST FLOOR ONLY	F2	CEILING FAN WITH LIGHT	LARGE FAN, TYPICAL IN BEDROOM AND LIVING ROOM					DRYWALL U.N.O. SEE FINISH SCHEDULE FOR PAINT COLORS. F. BASEMENTS & UNOCCUPIED ATTICS TO HAVE EXPOSED JOISTS - NO FINISH CLGS U.N.O. G. ALL SOFFITS OVER KITCHEN CABINETS TO BE 8'-0" AFF AND 2'-1 1/2" WIDE MINIMUM. H. PROVIDE UNDER-CABINET LIGHTING BENEATH ALL UPPER KITCHEN	WC •	WATER CURTAIN HEAD TO PROVIDE 100% COVERAGE OF WINDOW- COORD W/ F.P PLANS
SM8	LINEAR LED TIPICA	AL IN COMMERCIAL TURNKEY SPACES AL IN ATTICS AND IN BASEMENTS	WMI	WALL MOUNT	EXTERIOR ARCHITECTURAL UP-DOWN LIGHT					CABINETS IN RESIDENTAL UNITS. SEE ELEC DWGS. I. SEE EXTERIOR ELEVATIONS FOR MOUNTING HEIGHTS OF EXTERIOR LIGHTS. J. SEE ELECTRICAL DRAWINGS FOR FIXTURE SPECIFICATIONS. K. ANY FIXTURES LOCATED IN AREAS WITH REMAINING HISTORIC TIN CEILINGS SHOULD BE CENTERED ON THE CEILING TILES, RATHER THAN	(NL) (OS)	DENOTES NIGHT LIGHT FIXTURE DENOTES OCCUPANCY SENSOR COMBO SMOKE/CARBON MONOXIDE DETECTOR: IONIZATION (TYP BEDROOMS)
STI VI	UTILITY FIXTURE	PICAL OVER BATHROOM VANITIES IN TYPICAL		EXTERIOR LIGHT WALL MOUNT						PERFECTLY CENTERED IN THE SPACE. ADJUST THE GRID PLACEMENT/DIMENSIONS BY A FEW INCHES AS REQUIRED TO ACCOMMODATE THIS.		PHOTOELECTRIC CENTER ON ARCHITECTURAL FEATURE
V2		PICAL ON SIDES OF BATHROOM VANITIES IN TYPICAL	<u> </u>	EXTERIOR LIGHT	EXTERIOR ARCHITECTURAL GOOSENECK LIGHT							STRUCTURAL MEMBER - SEE STRUCTURAL DWGS
TLI	SURFACE MOUNT DIMMA TRACK LIGHT LOBBIE	BLE, TYPICAL IN COMMERCIAL TURNKEY SPACES AND IN	ES	EMERGENCY EGRESS LIGHT	EMERGENCY EGRESS EXIT SIGN							
	SURFACE MOUNT PENDANT TYPICA	AL OVER KITCHEN ISLANDS	ESL	EMERGENCY EGRESS LIGHT	EMERGENCY EGRESS EXIT SIGN W/ LIGHTS							
			S _{EFI}	BATHROOM VENT	TYPICAL BATHROOM EXHAUST FAN/VENT							



CONSTRUCTION

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

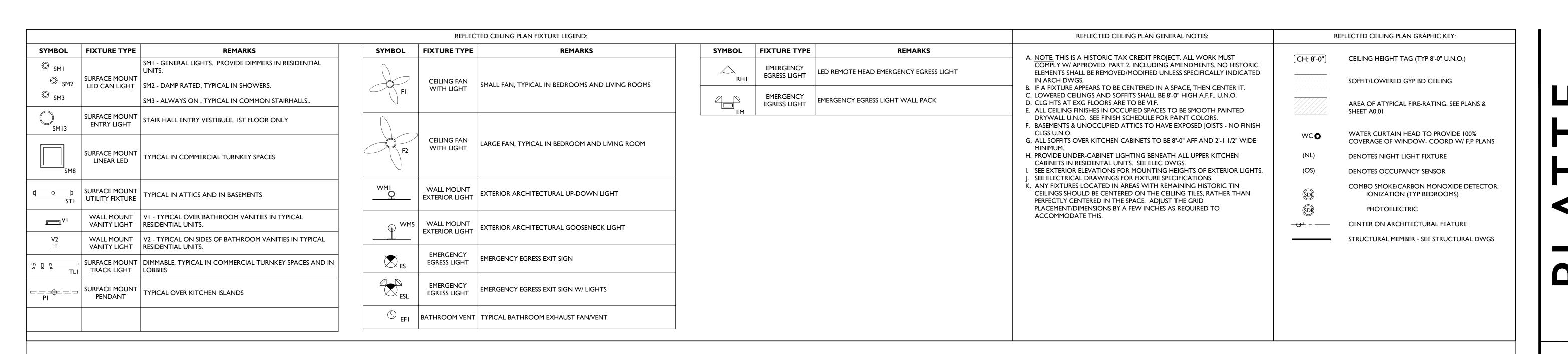
Design Team: CO, JK, MR, MR, RK, RO, SO, TB Drawn by: MR, AM

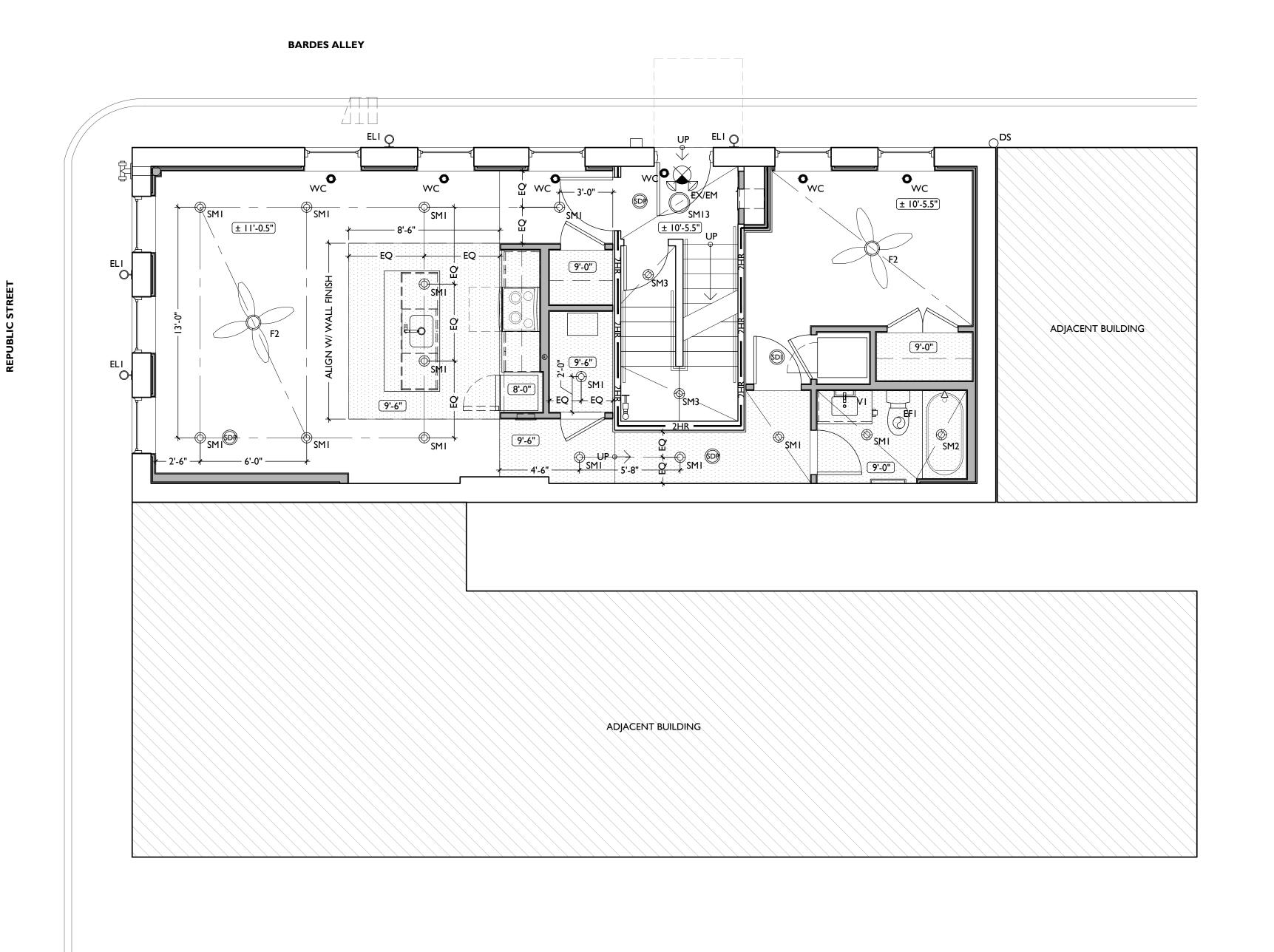
REPUBLIC

Job No: 22042 08/30/2024

REFLECTED CEILING PLAN - BASEMENT

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





ONSTRUCTION

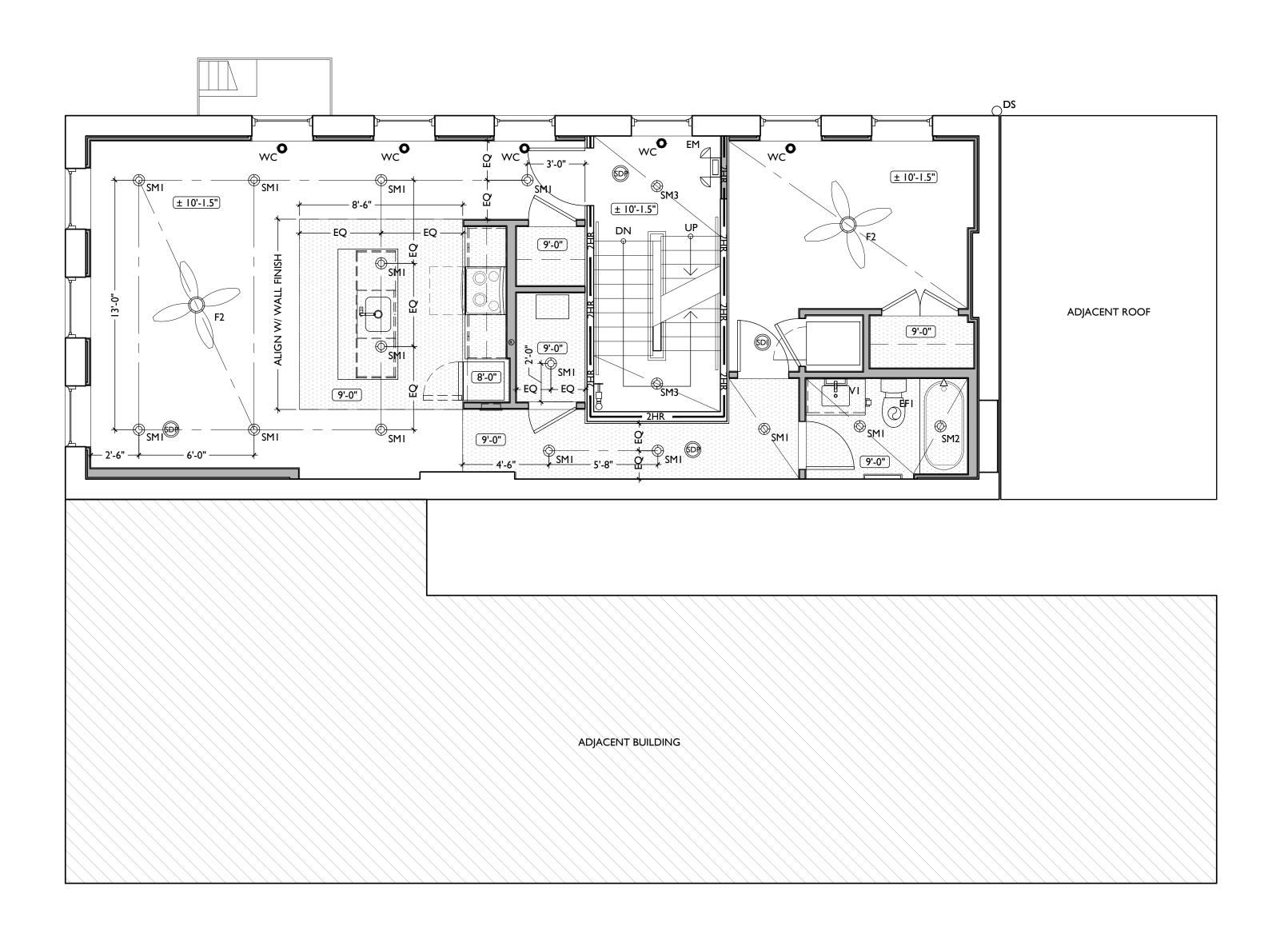
Progress Dates 2023.04.28 - BID/PERMIT 2024.08.30 - BID SET 2

Revisions

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

PUBLIC

				REFLEC	FED CEILING PLAN FIXTURE LEGEND:					REFLECTED CEILING PLAN GENERAL NOTES:	P	EFLECTED CEILING PLAN GRAPHIC KEY:
SYMBOL	FIXTURE TYPE	REMARKS	SYMBOL	FIXTURE TYPE	REMARKS	SYMBOL	FIXTURE TYP	E	REMARKS	A. NOTE: THIS IS A HISTORIC TAX CREDIT PROIECT. ALL WORK MUST		CELLINIC LIFECULT TAC (TVD 01 011 LIAL O.)
© smi © sm2	UNITS.	GHTS. PROVIDE DIMMERS IN RESIDENTIAL D. TYPICAL IN SHOWERS		CEILING FAN	SMALL FAN, TYPICAL IN BEDROOMS AND LIVING ROOMS	RHI	EMERGENCY EGRESS LIGHT	LED REMOTE HE	AD EMERGENCY EGRESS LIGHT	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}	SM3 - ALWAYS OF	N , TYPICAL IN COMMON STAIRHALLS	FI	WITH LIGHT		EM	EMERGENCY EGRESS LIGHT	EMERGENCY EG	RESS 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		AREA OF ATYPICAL FIRE-RATING. SEE PLANS & SHEET A0.01
SMI3	SUBSACE MOUNT	Y VESTIBULE, IST FLOOR ONLY MERCIAL TURNKEY SPACES	F2	CEILING FAN WITH LIGHT	LARGE FAN, TYPICAL IN BEDROOM AND LIVING ROOM					DRYWALL U.N.O. SEE FINISH SCHEDULE FOR PAINT COLORS. F. BASEMENTS & UNOCCUPIED ATTICS TO HAVE EXPOSED JOISTS - NO FINISH CLGS U.N.O. G. ALL SOFFITS OVER KITCHEN CABINETS TO BE 8'-0" AFF AND 2'-1 1/2" WIDE MINIMUM. H. PROVIDE UNDER-CABINET LIGHTING BENEATH ALL UPPER KITCHEN CABINETS IN RESIDENTAL UNITS. SEE ELEC DWGS.	WC (NL)	WATER CURTAIN HEAD TO PROVIDE 100% COVERAGE OF WINDOW- COORD W/ F.P PLANS DENOTES NIGHT LIGHT FIXTURE
SM8	SURFACE MOUNT UTILITY FIXTURE TYPICAL IN ATTIC	CS AND IN BASEMENTS	WMI Q	WALL MOUNT EXTERIOR LIGHT	EXTERIOR ARCHITECTURAL UP-DOWN LIGHT					 SEE EXTERIOR ELEVATIONS FOR MOUNTING HEIGHTS OF EXTERIOR LIGHTS. J. SEE ELECTRICAL DRAWINGS FOR FIXTURE SPECIFICATIONS. K. ANY FIXTURES LOCATED IN AREAS WITH REMAINING HISTORIC TIN CEILINGS SHOULD BE CENTERED ON THE CEILING TILES, RATHER THAN PERFECTLY CENTERED IN THE SPACE. ADJUST THE GRID PLACEMENT/DIMENSIONS BY A FEW INCHES AS REQUIRED TO 	(OS) (SD)	DENOTES OCCUPANCY SENSOR COMBO SMOKE/CARBON MONOXIDE DETECTOR: IONIZATION (TYP BEDROOMS) PHOTOELECTRIC
V2 V2	VANITY LIGHT RESIDENTIAL UNI WALL MOUNT V2 - TYPICAL ON	SIDES OF BATHROOM VANITIES IN TYPICAL	₩M5	WALL MOUNT EXTERIOR LIGHT	EXTERIOR ARCHITECTURAL GOOSENECK LIGHT					ACCOMMODATE THIS.	_ 	CENTER ON ARCHITECTURAL FEATURE STRUCTURAL MEMBER - SEE STRUCTURAL DWGS
TL	VANITY LIGHT RESIDENTIAL UNI SURFACE MOUNT DIMMABLE, TYPIC LOBBIES	AL IN COMMERCIAL TURNKEY SPACES AND IN	ES	EMERGENCY EGRESS LIGHT	EMERGENCY EGRESS EXIT SIGN							
— — — –	SURFACE MOUNT PENDANT TYPICAL OVER KI	TCHEN ISLANDS	ESL	EMERGENCY EGRESS LIGHT	EMERGENCY EGRESS EXIT SIGN W/ LIGHTS							
			S _{EFI}	BATHROOM VENT	TYPICAL BATHROOM EXHAUST FAN/VENT							



OT FOR CONSTRUCTION

architecture + design

| SID CAMPBELL ALLEY, SUITE 300 | CINCINNATI, O

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

risions

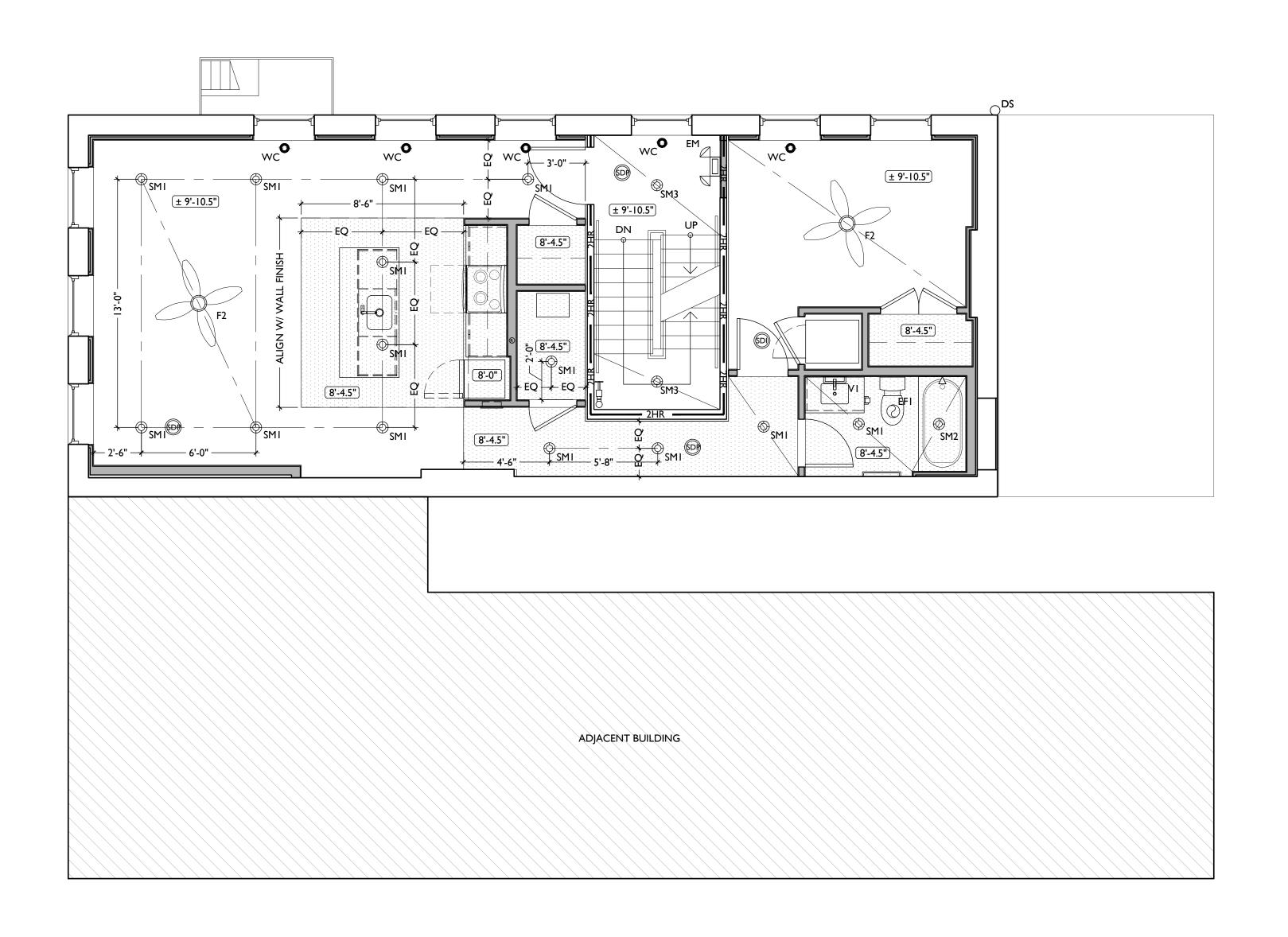
Design Team: CO, JK, MR, MR, RK, RO, SO, TB Drawn by: MR, AM

RENOVATION FOR 1806 REPUBLIC

Job No: 22042 08/30/2024

A1.22

				REFLEC	FED CEILING PLAN FIXTURE LEGEND:					REFLECTED CEILING PLAN GENERAL NOTES:	P	EFLECTED CEILING PLAN GRAPHIC KEY:
SYMBOL	FIXTURE TYPE	REMARKS	SYMBOL	FIXTURE TYPE	REMARKS	SYMBOL	FIXTURE TYP	E	REMARKS	A. NOTE: THIS IS A HISTORIC TAX CREDIT PROIECT. ALL WORK MUST		CELLINIC LIFECULT TAC (TVD 01 011 LIAL O.)
© smi © sm2	UNITS.	GHTS. PROVIDE DIMMERS IN RESIDENTIAL D. TYPICAL IN SHOWERS		CEILING FAN	SMALL FAN, TYPICAL IN BEDROOMS AND LIVING ROOMS	RHI	EMERGENCY EGRESS LIGHT	LED REMOTE HE	AD EMERGENCY EGRESS LIGHT	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}	SM3 - ALWAYS OF	N , TYPICAL IN COMMON STAIRHALLS	FI	WITH LIGHT		EM	EMERGENCY EGRESS LIGHT	EMERGENCY EG	RESS 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		AREA OF ATYPICAL FIRE-RATING. SEE PLANS & SHEET A0.01
SMI3	SUBSACE MOUNT	Y VESTIBULE, IST FLOOR ONLY MERCIAL TURNKEY SPACES	F2	CEILING FAN WITH LIGHT	LARGE FAN, TYPICAL IN BEDROOM AND LIVING ROOM					DRYWALL U.N.O. SEE FINISH SCHEDULE FOR PAINT COLORS. F. BASEMENTS & UNOCCUPIED ATTICS TO HAVE EXPOSED JOISTS - NO FINISH CLGS U.N.O. G. ALL SOFFITS OVER KITCHEN CABINETS TO BE 8'-0" AFF AND 2'-1 1/2" WIDE MINIMUM. H. PROVIDE UNDER-CABINET LIGHTING BENEATH ALL UPPER KITCHEN CABINETS IN RESIDENTAL UNITS. SEE ELEC DWGS.	WC (NL)	WATER CURTAIN HEAD TO PROVIDE 100% COVERAGE OF WINDOW- COORD W/ F.P PLANS DENOTES NIGHT LIGHT FIXTURE
SM8	SURFACE MOUNT UTILITY FIXTURE TYPICAL IN ATTIC	CS AND IN BASEMENTS	WMI Q	WALL MOUNT EXTERIOR LIGHT	EXTERIOR ARCHITECTURAL UP-DOWN LIGHT					 SEE EXTERIOR ELEVATIONS FOR MOUNTING HEIGHTS OF EXTERIOR LIGHTS. J. SEE ELECTRICAL DRAWINGS FOR FIXTURE SPECIFICATIONS. K. ANY FIXTURES LOCATED IN AREAS WITH REMAINING HISTORIC TIN CEILINGS SHOULD BE CENTERED ON THE CEILING TILES, RATHER THAN PERFECTLY CENTERED IN THE SPACE. ADJUST THE GRID PLACEMENT/DIMENSIONS BY A FEW INCHES AS REQUIRED TO 	(OS) (SD)	DENOTES OCCUPANCY SENSOR COMBO SMOKE/CARBON MONOXIDE DETECTOR: IONIZATION (TYP BEDROOMS) PHOTOELECTRIC
V2 V2	VANITY LIGHT RESIDENTIAL UNI WALL MOUNT V2 - TYPICAL ON	SIDES OF BATHROOM VANITIES IN TYPICAL	₩M5	WALL MOUNT EXTERIOR LIGHT	EXTERIOR ARCHITECTURAL GOOSENECK LIGHT					ACCOMMODATE THIS.	_ 	CENTER ON ARCHITECTURAL FEATURE STRUCTURAL MEMBER - SEE STRUCTURAL DWGS
TL	VANITY LIGHT RESIDENTIAL UNI SURFACE MOUNT DIMMABLE, TYPIC LOBBIES	AL IN COMMERCIAL TURNKEY SPACES AND IN	ES	EMERGENCY EGRESS LIGHT	EMERGENCY EGRESS EXIT SIGN							
— — — –	SURFACE MOUNT PENDANT TYPICAL OVER KI	TCHEN ISLANDS	ESL	EMERGENCY EGRESS LIGHT	EMERGENCY EGRESS EXIT SIGN W/ LIGHTS							
			S _{EFI}	BATHROOM VENT	TYPICAL BATHROOM EXHAUST FAN/VENT							



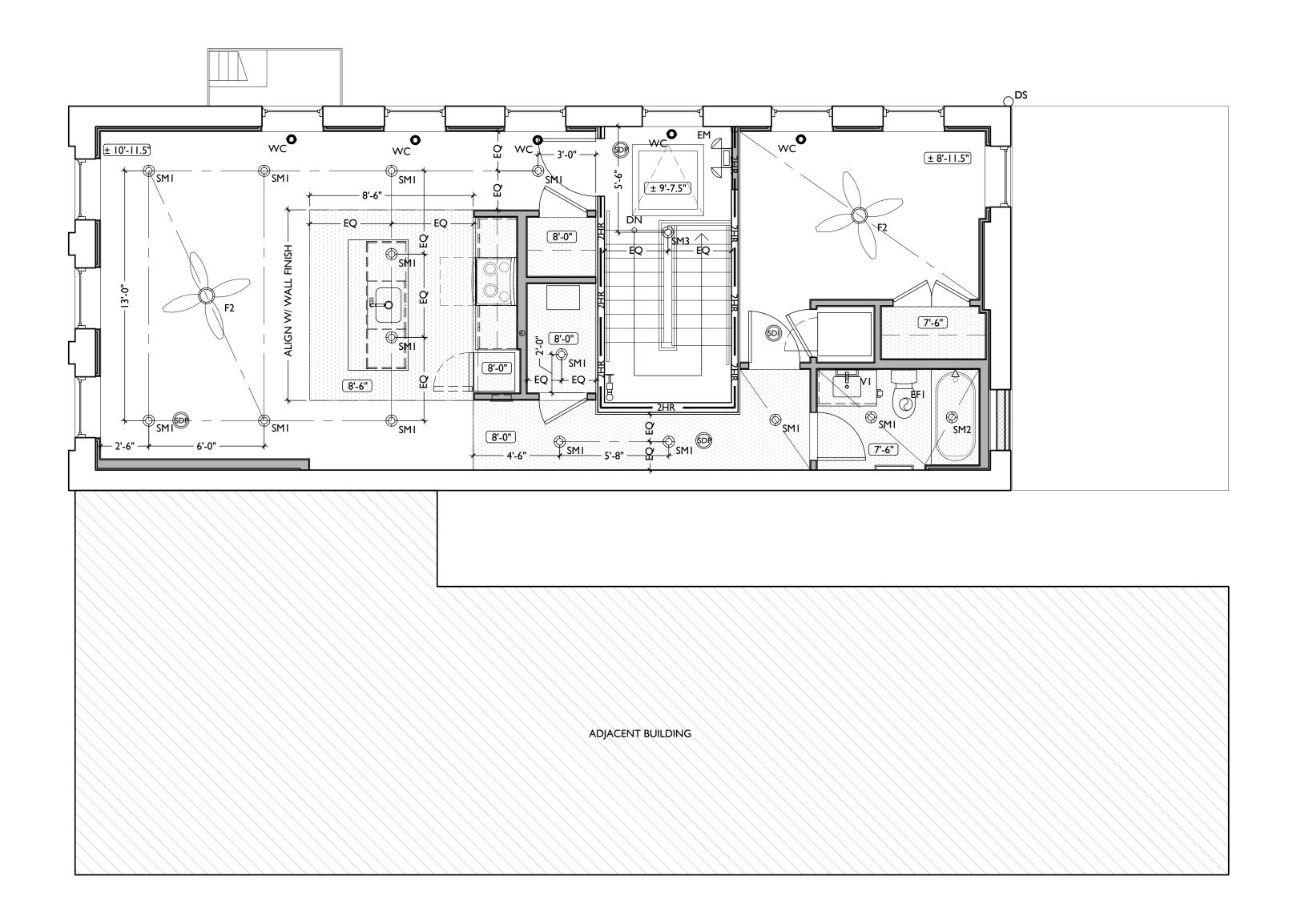
CONSTRUCTION

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

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

REPUBLIC

			REFLEC	CTED CEILING PLAN FIXTURE LEGEND:		REFLECTED CEILING PLAN GENERAL NOTES:	REFLECTED CEILING PLAN GRAPHIC KEY:
SYMBOL	FIXTURE TYPE REMARKS	SYMBOL	FIXTURE TYPE	REMARKS	SYMBOL FIXTURE TYPE REMARKS	A. NOTE: THIS IS A HISTORIC TAX CREDIT PROJECT. ALL WORK MUST	
© SMI © SM2 © SM3	SMI - GENERAL LIGHTS. PROVIDE DIMMERS IN RESIDUNITS. SURFACE MOUNT LED CAN LIGHT SM2 - DAMP RATED, TYPICAL IN SHOWERS. SM3 - ALWAYS ON , TYPICAL IN COMMON STAIRHA	FI	CEILING FAN WITH LIGHT	SMALL FAN, TYPICAL IN BEDROOMS AND LIVING ROOMS	EMERGENCY EGRESS LIGHT EMERGENCY EGRESS LIGHT EMERGENCY EGRESS LIGHT EMERGENCY EGRESS LIGHT WALL PACK	COMPLY W/ APPROVED. PART 2, INCLUDING AMENDMENTS. NO HISTORIC	CH: 8'-0" CEILING HEIGHT TAG (TYP 8'-0" U.N.O.) SOFFIT/LOWERED GYP BD CEILING AREA OF ATYPICAL FIRE-RATING. SEE PLANS &
SMI3	SURFACE MOUNT ENTRY LIGHT STAIR HALL ENTRY VESTIBULE, IST FLOOR ONLY SURFACE MOUNT LINEAR LED TYPICAL IN COMMERCIAL TURNKEY SPACES	F2	CEILING FAN WITH LIGHT	LARGE FAN, TYPICAL IN BEDROOM AND LIVING ROOM	EM EGRESS LIGHT	E. ALL CEILING FINISHES IN OCCUPIED SPACES TO BE SMOOTH PAINTED DRYWALL U.N.O. SEE FINISH SCHEDULE FOR PAINT COLORS. F. BASEMENTS & UNOCCUPIED ATTICS TO HAVE EXPOSED JOISTS - NO FINISH CLGS U.N.O. G. ALL SOFFITS OVER KITCHEN CABINETS TO BE 8'-0" AFF AND 2'-1 1/2" WIDE MINIMUM. H. PROVIDE UNDER-CABINET LIGHTING BENEATH ALL UPPER KITCHEN CABINETS IN RESIDENTAL UNITS. SEE ELEC DWGS. I. SEE EXTERIOR ELEVATIONS FOR MOUNTING HEIGHTS OF EXTERIOR LIGHTS. J. SEE ELECTRICAL DRAWINGS FOR FIXTURE SPECIFICATIONS.	SHEET A0.01 WC WATER CURTAIN HEAD TO PROVIDE 100% COVERAGE OF WINDOW- COORD W/ F.P PLANS (NL) DENOTES NIGHT LIGHT FIXTURE (OS) DENOTES OCCUPANCY SENSOR
C STI	SURFACE MOUNT UTILITY FIXTURE TYPICAL IN ATTICS AND IN BASEMENTS	WMI Q	WALL MOUNT EXTERIOR LIGHT	EXTERIOR ARCHITECTURAL UP-DOWN LIGHT		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: SDD IONIZATION (TYP BEDROOMS) PHOTOELECTRIC
V2	WALL MOUNT VI - TYPICAL OVER BATHROOM VANITIES IN TYPICAL ON SIDES OF BATHROOM VANITIES IN TYPICAL ON SIDES OF BATHROOM VANITIES IN		15 WALL MOUNT EXTERIOR LIGHT	EXTERIOR ARCHITECTURAL GOOSENECK LIGHT		ACCOMMODATE THIS.	CENTER ON ARCHITECTURAL FEATURE STRUCTURAL MEMBER - SEE STRUCTURAL DWGS
<u>П</u>	VANITY LIGHT RESIDENTIAL UNITS. SURFACE MOUNT TRACK LIGHT LOBBIES SURFACE MOUNT LOBBIES	CES AND IN ES	EMERGENCY EGRESS LIGHT	EMERGENCY EGRESS EXIT SIGN			
⊏_ + =-	SURFACE MOUNT PENDANT TYPICAL OVER KITCHEN ISLANDS	ESL	EMERGENCY EGRESS LIGHT	EMERGENCY EGRESS EXIT SIGN W/ LIGHTS			
		S _{EF} I	BATHROOM VENT	TYPICAL BATHROOM EXHAUST FAN/VENT			



CONSTRUCTION

2023.04.28 - BID/PERMIT 2024.08.30 - BID SET 2

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

REPUBLIC

3.1 SLAB TO REMAIN. SCOPE & VERIFY FLOOR DRAINS CONNECT TO SEWER. REPAIR AS REQUIRED. 3.2 VAPOR MITIGATION SYSTEM BELOW SLAB, AS REQUIRED BY OWNER'S CONSULTANT. SEE CONSULTANT DESIGN FOR SYSTEM DETAILS AND LOCATIONS OF VERTICAL VENTS. SEE

4. MASONRY

4.1 TUCKPOINT BRICK AS SHOWN ON STRUCTURAL ELEVATIONS & 8.1 NEW ALUMINUM CLAD WINDOW & TRIM INSTALLED IN PER SHPO NARRATIVE.

5. METALS 5.1 NEW CONTINUOUS STEEL PIPE HANDRAIL. SEE DETAILS.

5.2 NEW STEEL PIPE GUARDRAIL. SEE DETAILS. 5.3 RELOCATED EXG. FIRE ESCAPE TO BE PAINTED BLACK.

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 BASEMENT STAIR IN PREVIOUS LOCATION. SEE DETAILS, SECTIONS, AND STRUCTURAL DWGS.
- 6.5 NEW WOOD STRUCTURAL MEMBERS. SEE STRUCTURAL DRAWINGS.

6.6 NEW WOOD FRAME BEARING WALL. SEE STRUCTURAL

DRAWINGS.

AREA OF NEW FRAMING/SHEATHING/DECKING. SEE STRUCTURAL DRAWINGS.

THERMAL AND MOISTURE PROTECTION

FIXED ROOF WALKWAY PADS.

REPAIR/RE-LINE EXG BOX GUTTER. 7.2 NEW ROUND ALUMINUM DOWNSPOUT PAINTED TO MATCH ADJACENT WALL SURFACE. SEE EXTERIOR ELEVATIONS. TIE INTO 10.4 PROVIDE "NO SMOKING" SIGN AT EXTERIOR WALL. EXISTING SEWER SYSTEM.

10.5 FIRE EXTINGUISHER. COORDINATE FINAL LOCATION WITH 7.3 NEW PVC AT LOWER 6' OF DOWNSPOUT. PAINT TO MATCH DOWNSPOUT. 4 NEW FULLY ADHERED WHITE TPO MEMBRANE ROOF W/

TERMINATION BARS & METAL COUNTERFLASHING - SEE ROOF DETAILS. INSULATION PER SCHEDULE. B.O.D. - 60 MIL WHITE TPO. FULLY ADHERED ROOF SYSTEM, 20 YR WARRANTY, BY

CARLISLE SYNTEC, CARLISLE, PA, OR EQUIVALENT. BASIS OF DESIGN = BILCO E50TB, 36"X36". 7.6 PROVIDE NEW DARK BRONZE METAL CAP AT CHIMNEY. 7.7 HATCHED AREA SHOWS APPROXIMATE LOCATION OF NEW 10.10 FIRE ESCAPE ACCESS WINDOW.

MASONRY OPENING PER DETAILS. 8.2 NEW EXTERIOR BUILDING ENTRY DOOR AND FRAME - SEE

DOOR SCHEDULE.

9. FINISHES

9.1 EXG PLASTER AT MASONRY WALL TO BE PATCHED AND REPAIRED, WHERE POSSIBLE. 9.2 FIRE-RATING TO BE CONTINUOUS BEHIND

PLUMBING/CHASE/FURRING WALL. FIRE RATING TO BE CONTINUOUS AT INTERSECTION W/ NON-RATED WALL. 9.3 NEW HARDWOOD FLOORING. 9.4 SUPPORTING CONSTRUCTION TO BE RATED. SEE DETAILS "4" &

10. SPECIALTIES

"5" ON SHEET A6.02.

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. A. SURFACE MOUNTED. B. IN SINK CABINET IN RESIDENTIAL UNIT, TYPICAL. CRICKETS WHERE REQUIRED FOR POSITIVE DRAINAGE AND W/ 10.6 PROVIDE DRAIN PAN BENEATH WASHING MACHINE/ WATER

HEATER. SEE PLUMBING DWGS. 10.7 NOT USED.

10.8 SHOWER NICHE. SEE ENLARGED PLANS, INTERIOR ELEVATIONS AND DETAIL I/A5.00. 7.5 NEW ROOF ACCESS HATCH. INSTALL PER MANUF'S INSTRUCTS. 10.9 RECESSED KEY LOCK BOX - BASIS OF DESIGN KNOXBOX 3200. INSTALL PER MANUF'S INSTRUCTS. COORDINATE WITH FIRE

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.

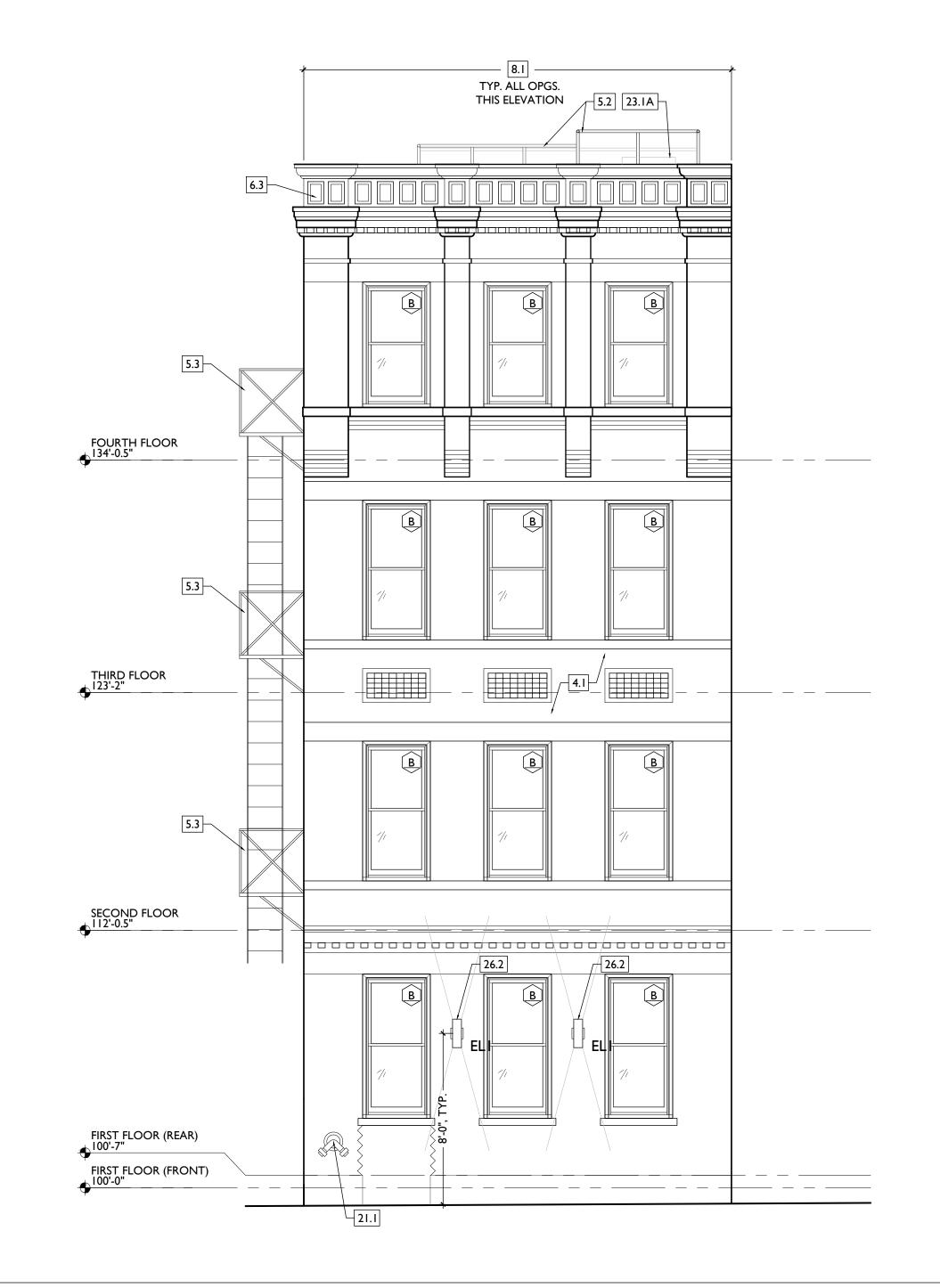
22. PLUMBING 22.1 PROVIDE RADON RISER, AS REQUIRED BY OWNER'S CONSULTANT. RISER TO EXTEND FROM BASEMENT TO ATTIC. SEE CONSULTANT DESIGN FOR LOCATIONS OF RISERS. SEE

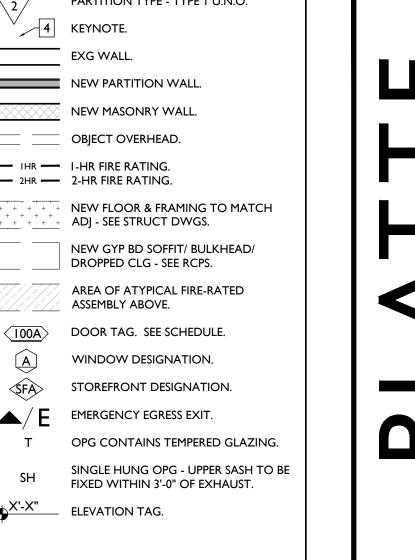
NOTE 3.2. COORDINATE WITH PLUMBING. 22.2 PLUMBING CHASE (OR WALL) - VERIFY LOCATIONS IN FIELD TO ALIGN CONCEALMENT BETWEEN FLOORS.

22.3 HOSEBIB LOCATION. SEE PLUMBING DRAWINGS.

23. HEATING, VENTILATING, AND AIR CONDITIONING 10.1 LOCKABLE & RECESSED MAILBOXES. BOXES TO MEET USPS-4C 23.1 MECHANICAL UNIT(S) - WALKING PADS TO & AROUND EQUIPMENT. GUARDRAIL REQUIRED IF EQUIPMENT < 10' FROM

NEW WORK PLANS & ELEVATIONS # KEYED NOTES: NEW WORK GRAPHIC KEY: ROOF EDGE. SEE HVAC & STRUCTURAL DWGS. PARTITION TYPE - TYPE I U.N.O. A. ROOF <3:12, INSTALL C.U. ON SOUND ISOLATING PADS. 23.2 NEW EXHAUST/INTAKE LOUVER ON EXTERIOR OF BUILDING, 4 KEYNOTE. PAINTED TO MATCH ADJACENT BRICK. SEE ELEVATIONS AND MECHANICAL DRAWINGS. 26. ELECTRICAL NEW PARTITION WALL. 26.1 ELECTRIC PANEL RECESSED IN WALL W/ 30"W X 36"D CLEAR IN FRONT. PAINT TO MATCH ADJACENT WALL W APPROPRIATE NEW MASONRY WALL. PAINT TYPE FOR PANEL. 26.2 NEW EXTERIOR LIGHTING. NO EXPOSED CONDUIT ON FACE OBJECT OVERHEAD. OF BUILDING. — 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.





<\$FA>

X'-X" ELEVATION TAG.

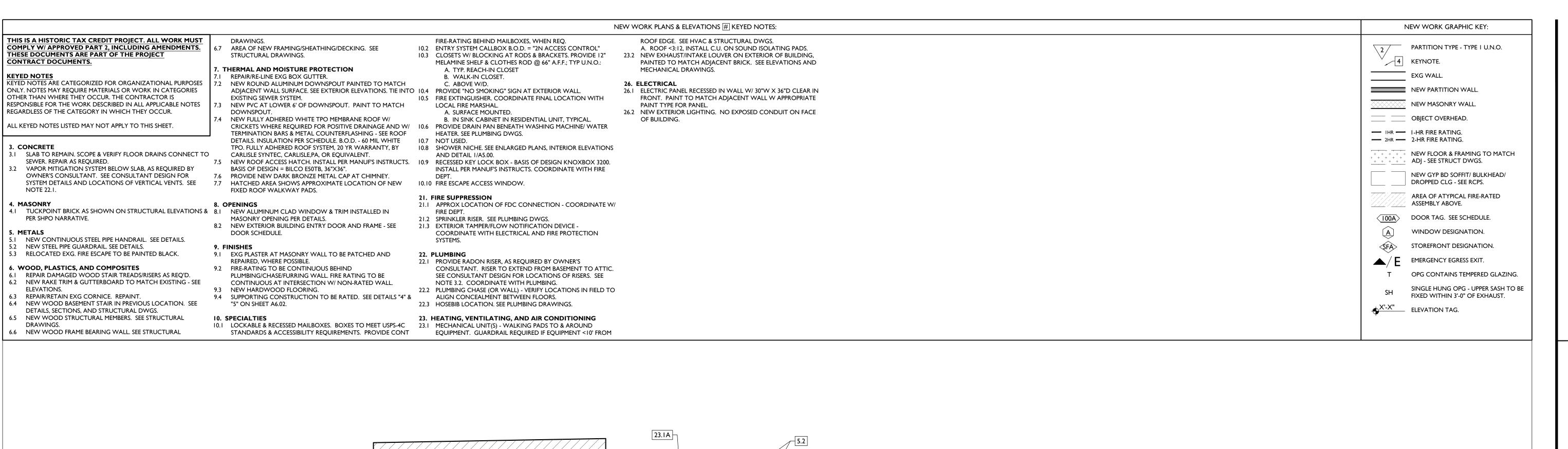
Progress Dates 2023.04.28 - BID/PERMIT 2024.08.30 - BID SET 2

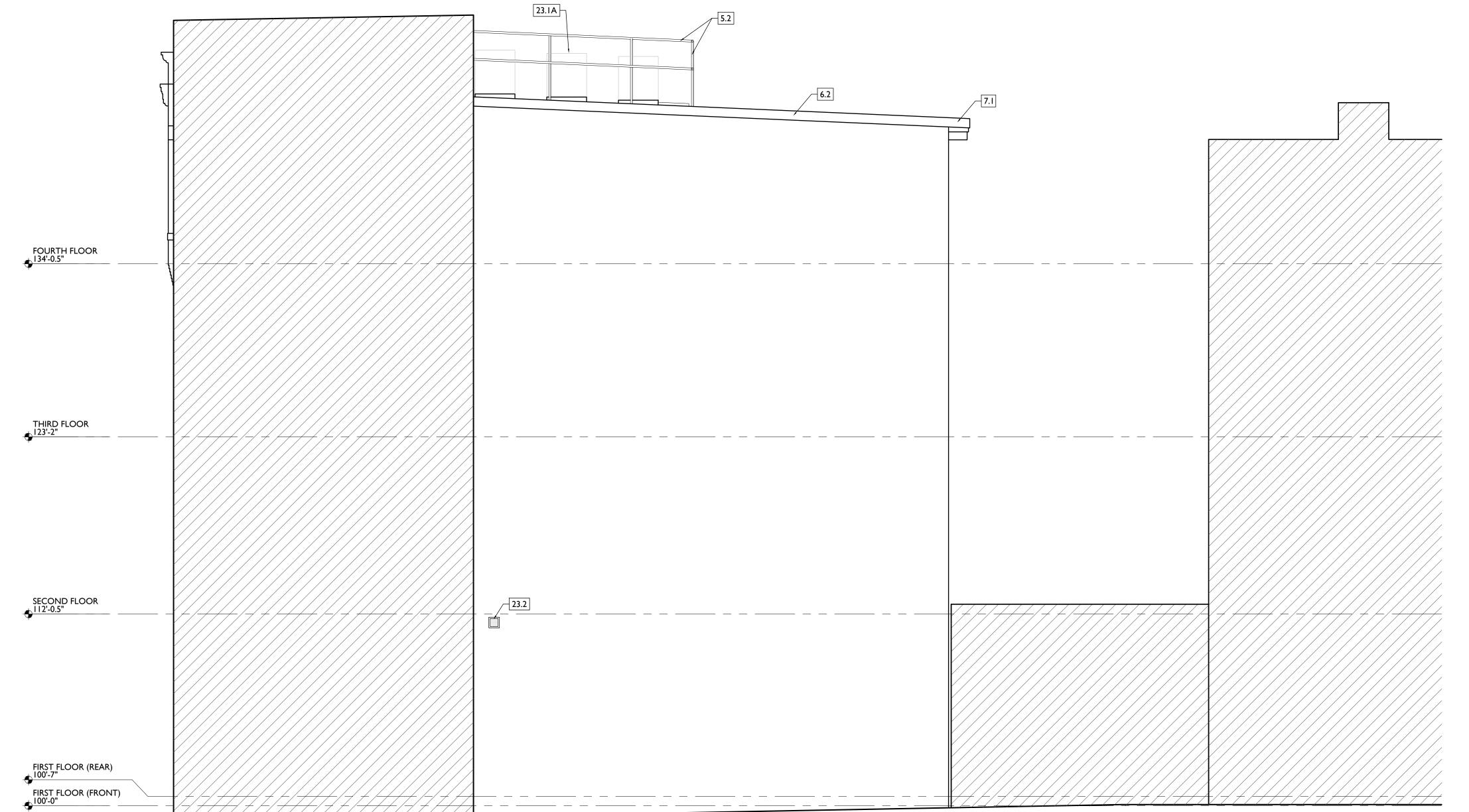
Revisions

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

CONSTRUCTION

PUBLIC





ONSTRUCTION

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

ALL KEYED NOTES LISTED MAY NOT APPLY TO THIS SHEET.

3.1 SLAB TO REMAIN. SCOPE & VERIFY FLOOR DRAINS CONNECT TO SEWER. REPAIR AS REQUIRED. 3.2 VAPOR MITIGATION SYSTEM BELOW SLAB, AS REQUIRED BY OWNER'S CONSULTANT. SEE CONSULTANT DESIGN FOR SYSTEM DETAILS AND LOCATIONS OF VERTICAL VENTS. SEE

4. MASONRY

4.1 TUCKPOINT BRICK AS SHOWN ON STRUCTURAL ELEVATIONS & 8.1 NEW ALUMINUM CLAD WINDOW & TRIM INSTALLED IN PER SHPO NARRATIVE.

5. METALS 5.1 NEW CONTINUOUS STEEL PIPE HANDRAIL. SEE DETAILS.

5.2 NEW STEEL PIPE GUARDRAIL. SEE DETAILS. 5.3 RELOCATED EXG. FIRE ESCAPE TO BE PAINTED BLACK.

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.

DETAILS, SECTIONS, AND STRUCTURAL DWGS. 6.5 NEW WOOD STRUCTURAL MEMBERS. SEE STRUCTURAL

6.3 REPAIR/RETAIN EXG CORNICE. REPAINT. 6.4 NEW WOOD BASEMENT STAIR IN PREVIOUS LOCATION. SEE

DRAWINGS. 6.6 NEW WOOD FRAME BEARING WALL. SEE STRUCTURAL DRAWINGS.

AREA OF NEW FRAMING/SHEATHING/DECKING. SEE STRUCTURAL DRAWINGS.

THERMAL AND MOISTURE PROTECTION

REPAIR/RE-LINE EXG BOX GUTTER. 7.2 NEW ROUND ALUMINUM DOWNSPOUT PAINTED TO MATCH ADJACENT WALL SURFACE. SEE EXTERIOR ELEVATIONS. TIE INTO 10.4 PROVIDE "NO SMOKING" SIGN AT EXTERIOR WALL. EXISTING SEWER SYSTEM.

7.3 NEW PVC AT LOWER 6' OF DOWNSPOUT. PAINT TO MATCH DOWNSPOUT. 4 NEW FULLY ADHERED WHITE TPO MEMBRANE ROOF W/ TERMINATION BARS & METAL COUNTERFLASHING - SEE ROOF

DETAILS. INSULATION PER SCHEDULE. B.O.D. - 60 MIL WHITE TPO. FULLY ADHERED ROOF SYSTEM, 20 YR WARRANTY, BY CARLISLE SYNTEC, CARLISLE,PA, OR EQUIVALENT.

BASIS OF DESIGN = BILCO E50TB, 36"X36". 7.6 PROVIDE NEW DARK BRONZE METAL CAP AT CHIMNEY. 7.7 HATCHED AREA SHOWS APPROXIMATE LOCATION OF NEW 10.10 FIRE ESCAPE ACCESS WINDOW. FIXED ROOF WALKWAY PADS.

MASONRY OPENING PER DETAILS. 8.2 NEW EXTERIOR BUILDING ENTRY DOOR AND FRAME - SEE DOOR SCHEDULE.

9. FINISHES

8. OPENINGS

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

9.2 FIRE-RATING TO BE CONTINUOUS BEHIND PLUMBING/CHASE/FURRING WALL. FIRE RATING TO BE CONTINUOUS AT INTERSECTION W/ NON-RATED WALL. 9.3 NEW HARDWOOD FLOORING. 9.4 SUPPORTING CONSTRUCTION TO BE RATED. SEE DETAILS "4" &

"5" ON SHEET A6.02. 10. SPECIALTIES

10.1 LOCKABLE & RECESSED MAILBOXES. BOXES TO MEET USPS-4C 23.1 MECHANICAL UNIT(S) - WALKING PADS TO & AROUND 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. 10.5 FIRE EXTINGUISHER. COORDINATE FINAL LOCATION WITH LOCAL FIRE MARSHAL.

A. SURFACE MOUNTED. B. IN SINK CABINET IN RESIDENTIAL UNIT, TYPICAL. CRICKETS WHERE REQUIRED FOR POSITIVE DRAINAGE AND W/ 10.6 PROVIDE DRAIN PAN BENEATH WASHING MACHINE/ WATER HEATER. SEE PLUMBING DWGS.

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

AND DETAIL I/A5.00. 7.5 NEW ROOF ACCESS HATCH. INSTALL PER MANUF'S INSTRUCTS. 10.9 RECESSED KEY LOCK BOX - BASIS OF DESIGN KNOXBOX 3200. INSTALL PER MANUF'S INSTRUCTS. COORDINATE WITH FIRE

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

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.

22.2 PLUMBING CHASE (OR WALL) - VERIFY LOCATIONS IN FIELD TO ALIGN CONCEALMENT BETWEEN FLOORS.

22.3 HOSEBIB LOCATION. SEE PLUMBING DRAWINGS.

21.3 EXTERIOR TAMPER/FLOW NOTIFICATION DEVICE -

23. HEATING, VENTILATING, AND AIR CONDITIONING EQUIPMENT. GUARDRAIL REQUIRED IF EQUIPMENT < 10' FROM

NEW WORK PLANS & ELEVATIONS # KEYED NOTES:

ROOF EDGE. SEE HVAC & STRUCTURAL DWGS. A. ROOF <3:12, INSTALL C.U. ON SOUND ISOLATING PADS. 23.2 NEW EXHAUST/INTAKE LOUVER ON EXTERIOR OF BUILDING, PAINTED TO MATCH ADJACENT BRICK. SEE ELEVATIONS AND MECHANICAL DRAWINGS.

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. DOOR TAG. SEE SCHEDULE. WINDOW DESIGNATION. <\$FA> 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.

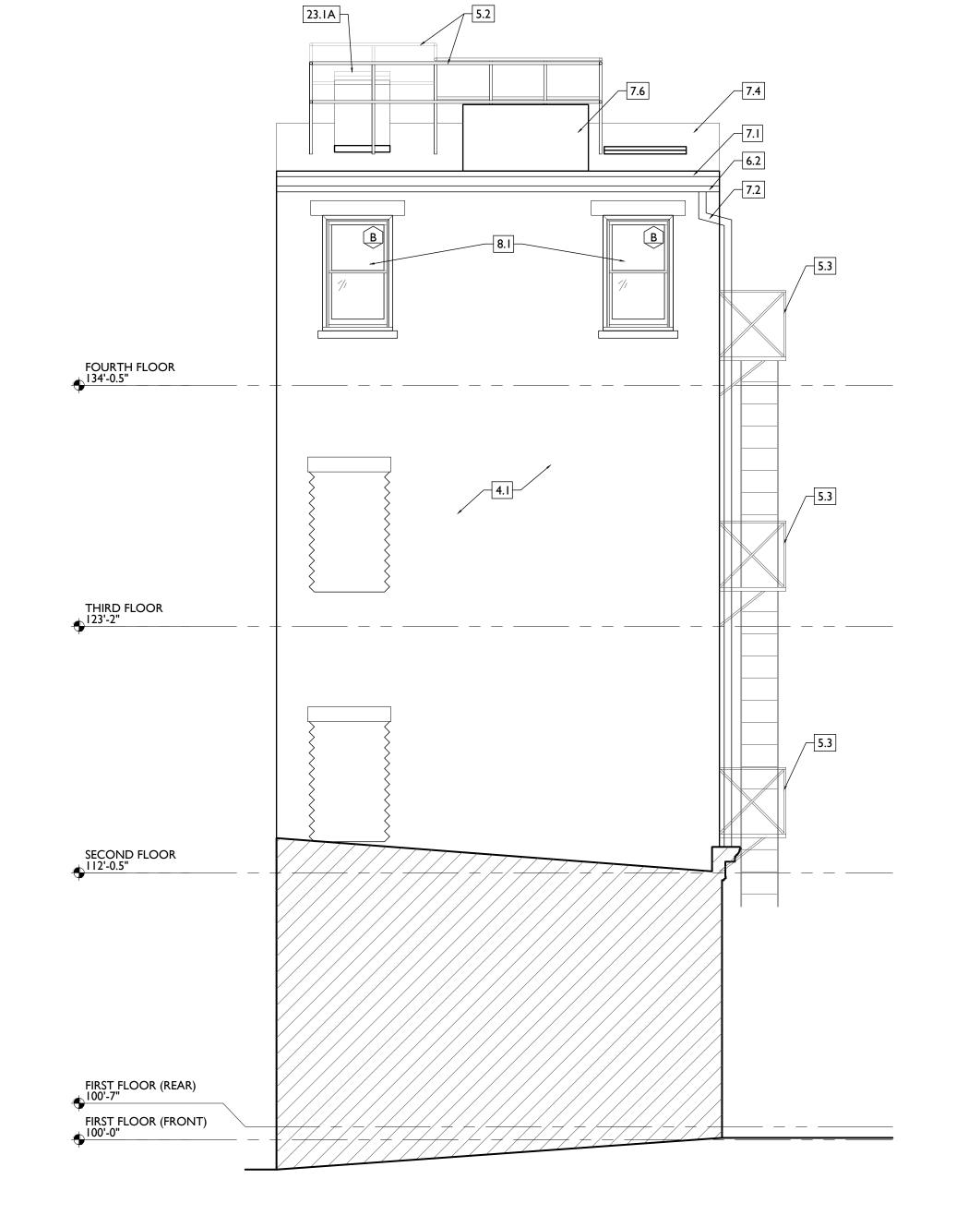
NEW WORK GRAPHIC KEY:

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

PUBLIC

CONSTRUCTION



5.2 NEW STEEL PIPE GUARDRAIL. SEE DETAILS.

6. WOOD, PLASTICS, AND COMPOSITES

6.3 REPAIR/RETAIN EXG CORNICE. REPAINT.

ELEVATIONS.

DRAWINGS.

5.3 RELOCATED EXG. FIRE ESCAPE TO BE PAINTED BLACK.

DETAILS, SECTIONS, AND STRUCTURAL DWGS. 6.5 NEW WOOD STRUCTURAL MEMBERS. SEE STRUCTURAL

6.6 NEW WOOD FRAME BEARING WALL. SEE STRUCTURAL

6.1 REPAIR DAMAGED WOOD STAIR TREADS/RISERS AS REQ'D.

6.2 NEW RAKE TRIM & GUTTERBOARD TO MATCH EXISTING - SEE

6.4 NEW WOOD BASEMENT STAIR IN PREVIOUS LOCATION. SEE

9. FINISHES

10. SPECIALTIES

9.1 EXG PLASTER AT MASONRY WALL TO BE PATCHED AND

PLUMBING/CHASE/FURRING WALL. FIRE RATING TO BE

CONTINUOUS AT INTERSECTION W/ NON-RATED WALL.

9.4 SUPPORTING CONSTRUCTION TO BE RATED. SEE DETAILS "4" &

STANDARDS & ACCESSIBILITY REQUIREMENTS. PROVIDE CONT

REPAIRED, WHERE POSSIBLE.

9.3 NEW HARDWOOD FLOORING.

"5" ON SHEET A6.02.

9.2 FIRE-RATING TO BE CONTINUOUS BEHIND

22. PLUMBING

10.1 LOCKABLE & RECESSED MAILBOXES. BOXES TO MEET USPS-4C 23.1 MECHANICAL UNIT(S) - WALKING PADS TO & AROUND

22.1 PROVIDE RADON RISER, AS REQUIRED BY OWNER'S

NOTE 3.2. COORDINATE WITH PLUMBING.

ALIGN CONCEALMENT BETWEEN FLOORS. 22.3 HOSEBIB LOCATION. SEE PLUMBING DRAWINGS.

23. HEATING, VENTILATING, AND AIR CONDITIONING

CONSULTANT. RISER TO EXTEND FROM BASEMENT TO ATTIC.

SEE CONSULTANT DESIGN FOR LOCATIONS OF RISERS. SEE

EQUIPMENT. GUARDRAIL REQUIRED IF EQUIPMENT < 10' FROM

22.2 PLUMBING CHASE (OR WALL) - VERIFY LOCATIONS IN FIELD TO



NEW WORK GRAPHIC KEY:

NEW PARTITION WALL.

NEW MASONRY WALL.

ADJ - SEE STRUCT DWGS.

DROPPED CLG - SEE RCPS.

WINDOW DESIGNATION.

EMERGENCY EGRESS EXIT.

STOREFRONT DESIGNATION.

FIXED WITHIN 3'-0" OF EXHAUST.

ASSEMBLY ABOVE.

100A DOOR TAG. SEE SCHEDULE.

NEW GYP BD SOFFIT/ BULKHEAD/

AREA OF ATYPICAL FIRE-RATED

4 KEYNOTE.

OBJECT OVERHEAD.

— IHR — I-HR FIRE RATING.

— 2HR — 2-HR FIRE RATING.

X'-X" ELEVATION TAG.

<\$FA>

PARTITION TYPE - TYPE I U.N.O.

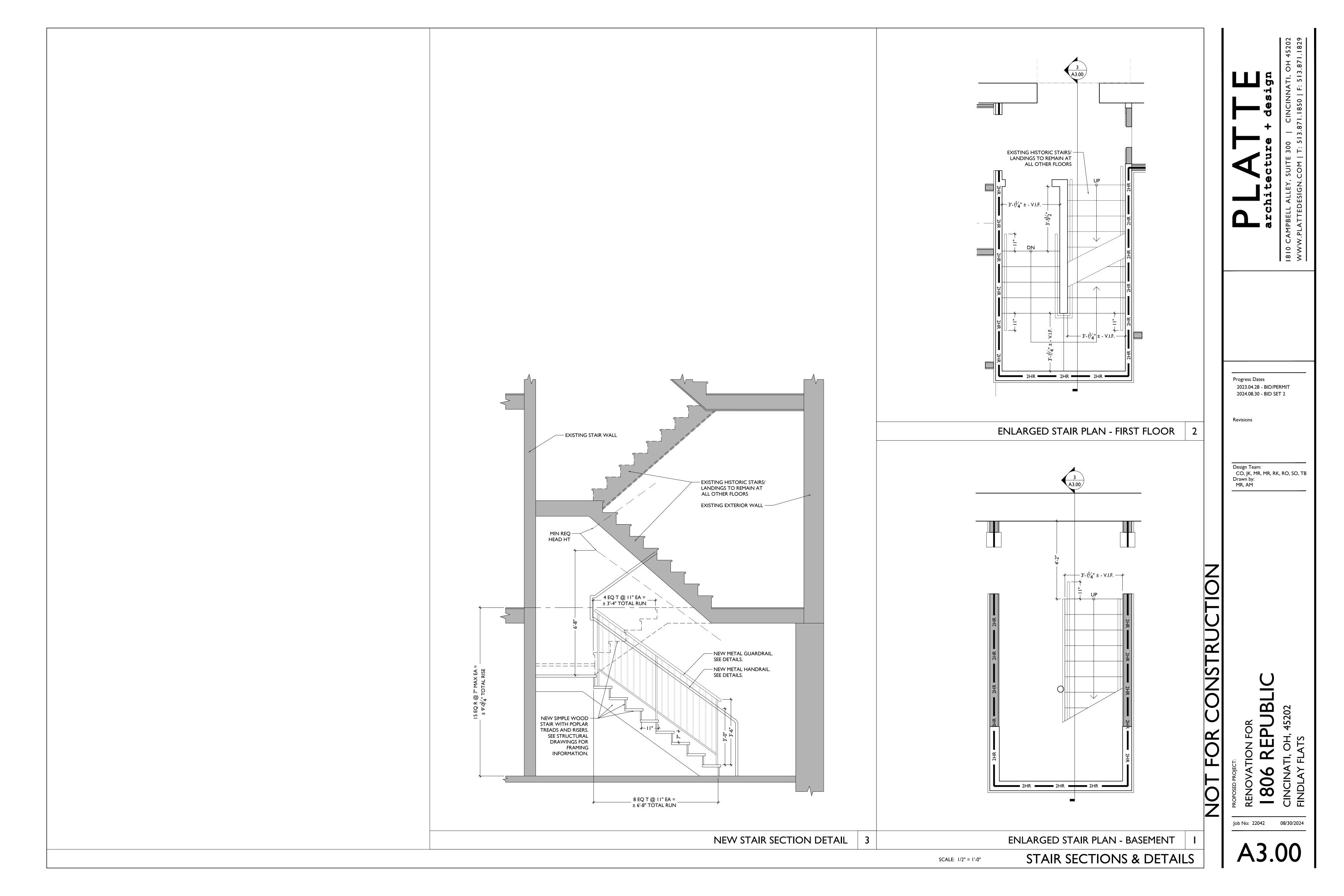
Progress Dates 2023.04.28 - BID/PERMIT 2024.08.30 - BID SET 2 Revisions Design Team: CO, JK, MR, MR, RK, RO, SO, TB Drawn by: MR, AM CONSTRUCTION



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

PROPOSED ELEVATION - NORTH

REPUBLIC 806



APPLIANCE/ EQUIPMENT SCHEDULE									
ITEM/ LOCATION	CODE	DESCRIPTION	FINISH	NOTES					
MICROWAVE HOOD, RESIDENTIAL KITCHENS	EQ-I	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	EQ-10	MANU: FRIGIDAIRE GALLERY - 2.2 CU.FT. BELOW COUNTERTOP BUILT-IN MICROWAVE OVEN (#GMBS3068AF) W/ 27" TRIM KIT	STAINLESS	MOUNTING HEIGHT, SEE ELEVATIONS.					
RANGE HOOD, ACCESSIBLE RESIDENTIAL KITCHENS	EQ-11	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
- 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 FINI	SH LEGEND (SEE FINISH SCHEDULES A4.00-A4.02 FOR DETAILS)
	FL-I EXG HISTORIC FINISH FLOORS TO REMAIN
+ + + + + + + + + + + + + + + + + + +	FL-2 NEW WOOD FLOORS
	FL-3 <u>RESTROOMS</u>
	FL-4 RESIDENTIAL LAUNDRY/ MECH ROOMS BUILDING STORAGE ROOMS

MATERIAL / LOCATION	CODE	DESCRIPTION	NOTES	SOURCE
	1	FLOORING	15.5.55	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
		EXISTING WOOD FLOORING		
EXISTING WOOD FLOORING - WHERE MAINTAINED	FL-I	FINISH: MINWAX STAIN COLOR: HEIRLOOM OAK MW441 INFILL WOOD TO MATCH SPECIES, WIDTH, AND STAIN OF	STRIP, SAND AND STAIN PER MANUFACTURER'S SPECIFICATIONS	
		EXISTING WOOD FLOORS TOOTH INTO EXISTING WHERE POSSIBLE MANU: WOODWARD FLOORING		
NEW WOOD FLOORING - WHERE REQUIRED	FL-2	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. 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@ARMSTRONGFLOC 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.0 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	
	1	WALL BASE	1	
		IN-UNIT:	KEEP ALL HISTORIC BASE -	
HISTORIC WOOD BASE - WHERE ABLE TO RETAIN	WB-I	PT-2 STAIR HALL: PT-3	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	WB-3	CONTRACTOR PROVIDED 1X6 POPLAR W/ TOE MOLDING IN-UNIT: PT-2		
REQUIRED.		STAIR HALL: PT-3		

				SOLID SURFACE			
QUARTZ - KITCI COUNTERTOPS COUNTERTOPS THROUGHOUT	&	SS-I		CORIAN - QUARTZ : CALCATTA VILLA - 2CM		BRIAN FORTIN BRIAN.FORTIN@OVSCO.COM 513.582.2528	
				CASEGOODS			
	CABINETS - IN UNITS/ COMMERCIAL RR CG-1 DOOR S' MAPLE, F		DOOR S MAPLE,	: 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 ENCLOSURE - UI BATHROOMS		GL-I	DOOR MODEL: GLASS: A	A FRAMELSS 3/8" GLASS SWING DOOR & PANEL SHOWER CELA-935 AQUA GLIDE GLASS CHROME			
			2" [41]	OTHER			
BLINDS				(WOOD BLINDS AT ALL RESIDENTIAL UNITS, WHITE VERIFY ALL LOCATIONS WITH OWNER			
UNIT ENTRY SIG	iNAGE		NUMBE	4"L X 2.5"W FLOATING WALL MOUNT MODERN HOUSE R, BLACK. VERIFY ALL LOCATIONS WITH OWNER. DINATE LOCATIONS WITH ACCESSIBILITY REQUIREMENTS 2009	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	
A	GRAB B	GRAB BARS		MANU: BOBRICK LINE: B-5806X18 SIZE: (18") X 36 (36") & 42 (42")	PER ELEVATIONS & ACCESSIBILITY REQUIREMENTS	COMMERCIAL BATHROOM	
В	DIAPER (DIAPER CHANGE STATION		MANU: KOALA KARE MODEL: KB200-SS HORIZONTAL WALL MOUNTED FINISH: GREY 01	COMMERCIAL BATHROOM		
CI C2	MEDICIN	IE CABINE	:T	RECESSED: MANU: KOHLER 16"x20" SINGLE DOOR REVERSIBLE HINGE FRAMELESS MIRRORED MEDICINE CABINET MODEL: K-CB-CLRT620FS SURFACE MOUNTED: RANGAIRE SURFACE MOUNT 16"X22" SINGLE DOOR MEDICINE CABINE	PER ELEVATIONS	UNIT BATHROOMS	
				WITH REVERSIBLE DOOR SWING MODEL: 4565MX			
D	PAPER T	TOWEL DI	Spenser	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 DISPENS			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	ROBE H	ROBE HOOK		"HARNEY HARDWARE COLLECTION: CLEARWATER ROBE HOOK FINISH: MATTE BLACK PRODUCT # 10218"	48" A.F.F.	UNIT/COMMERCIAL BATHROOMS	
F	MIRROF	₹		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	
				THROUGH DEACH	DED ELEVATIONIC O		

MANU: ASI ACCURATE PARTITIONS MATERIAL: SOLID PLASTIC (HDPE)

TOILET PARTITION

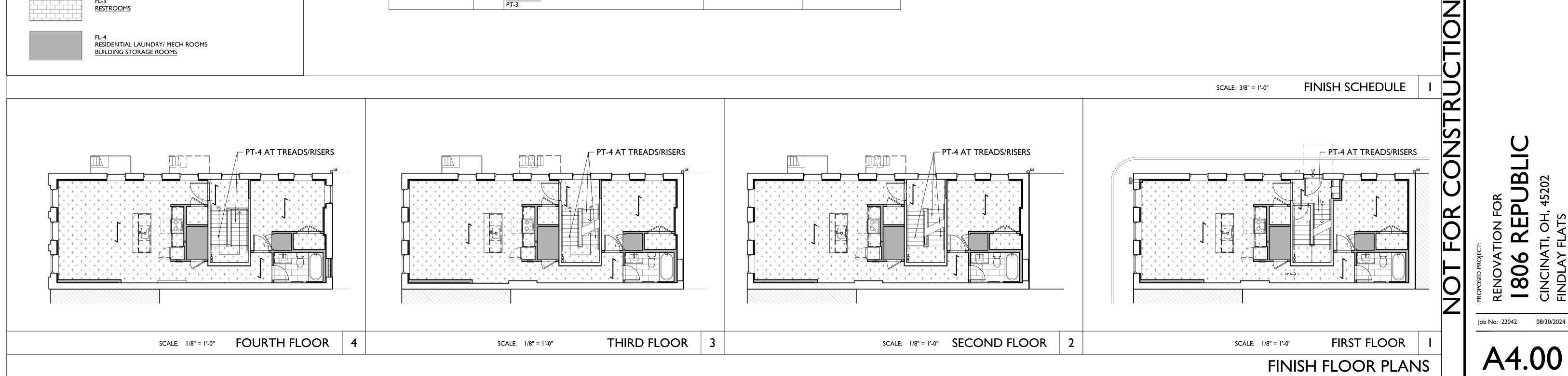
SHOWER CURTAIN ROD TBD

PER ELEVATIONS & ACCESSIBILITY REQUIREMENTS

PER ELEVATIONS

COMMERCIAL BATHROOM

UNIT BATHROOMS



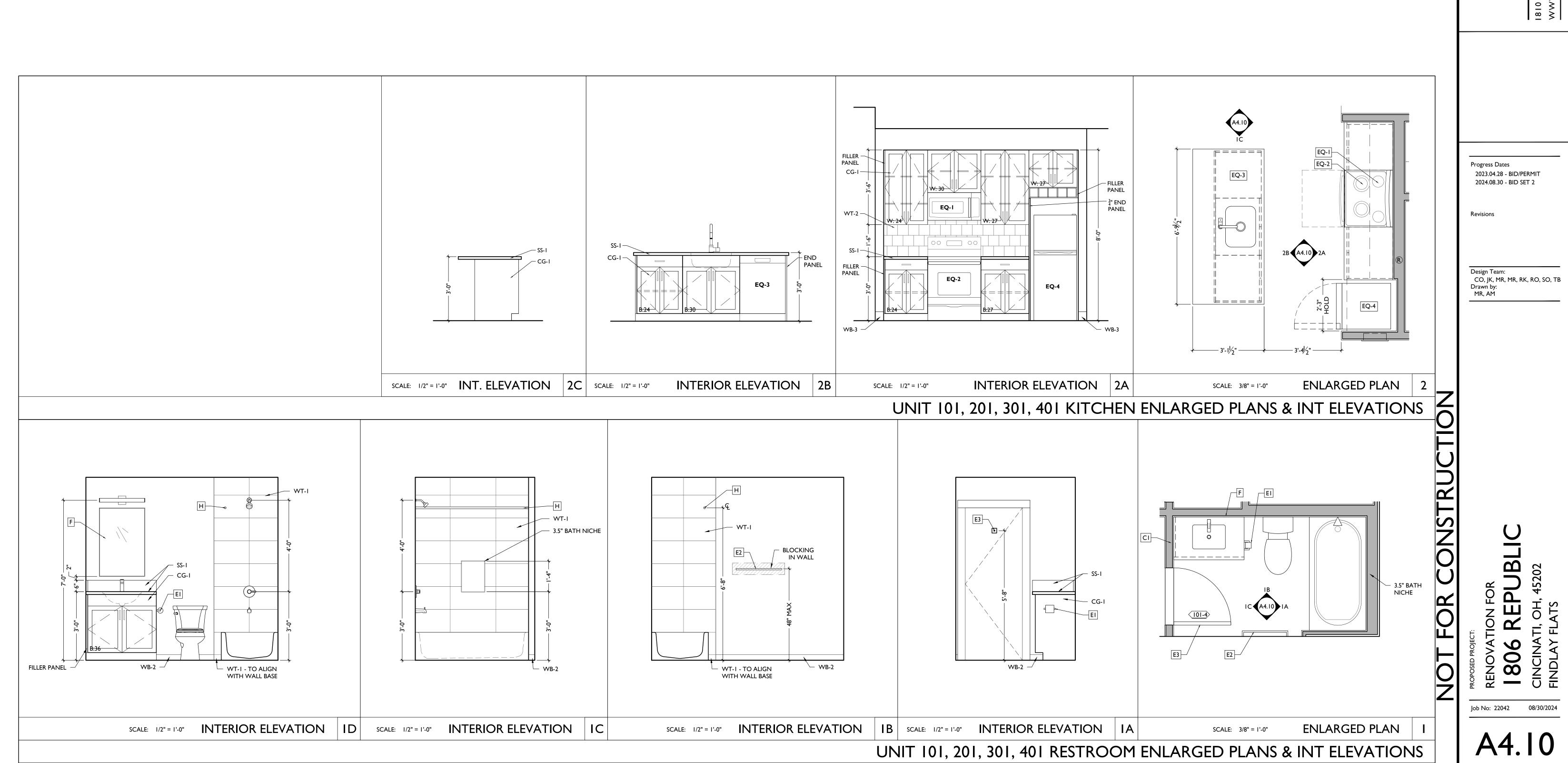
Progress Dates 2023.04.28 - BID/PERMIT 2024.08.30 - BID SET 2

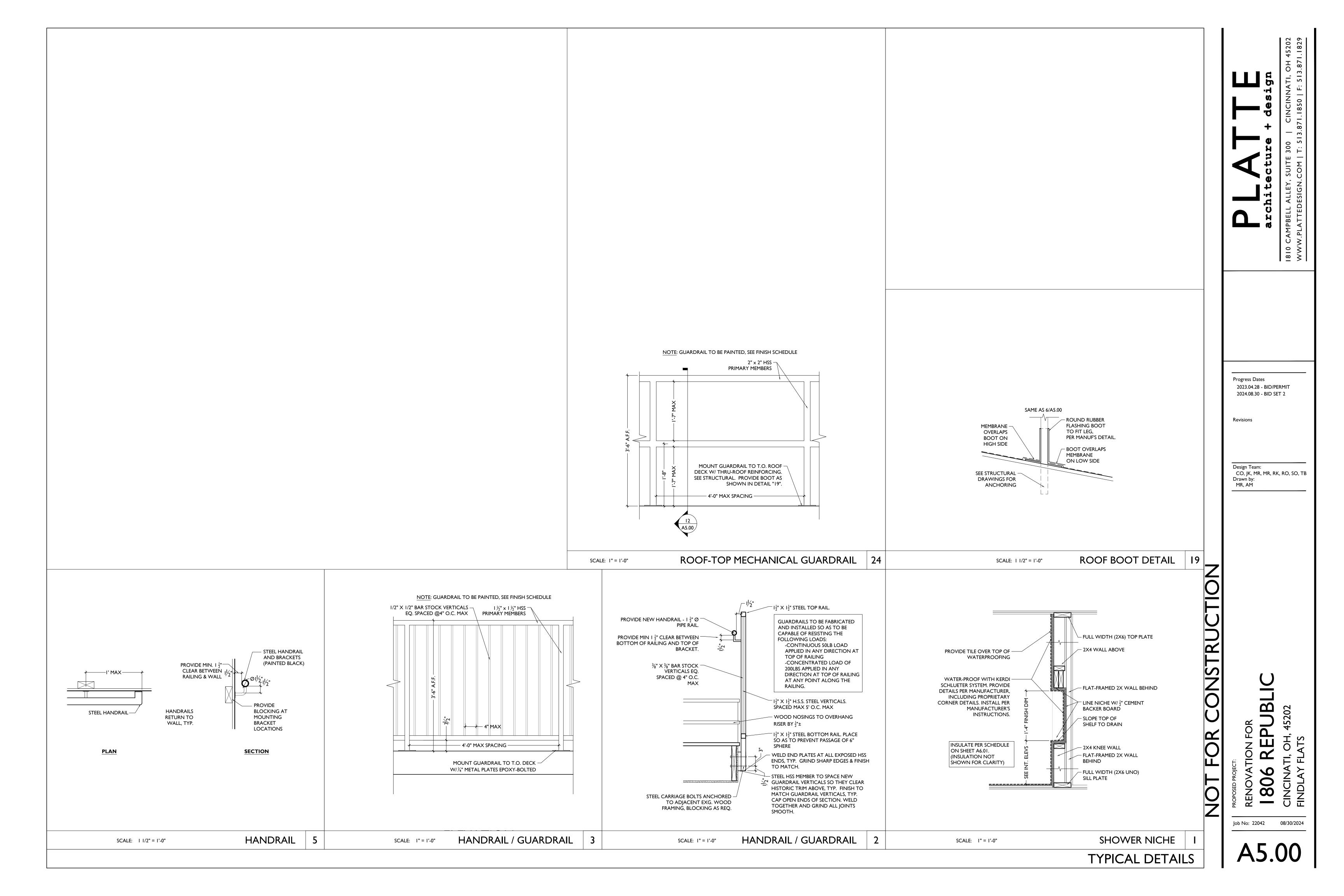
Design Team: CO, JK, MR, MR, RK, RO, SO, TB Drawn by: MR, AM

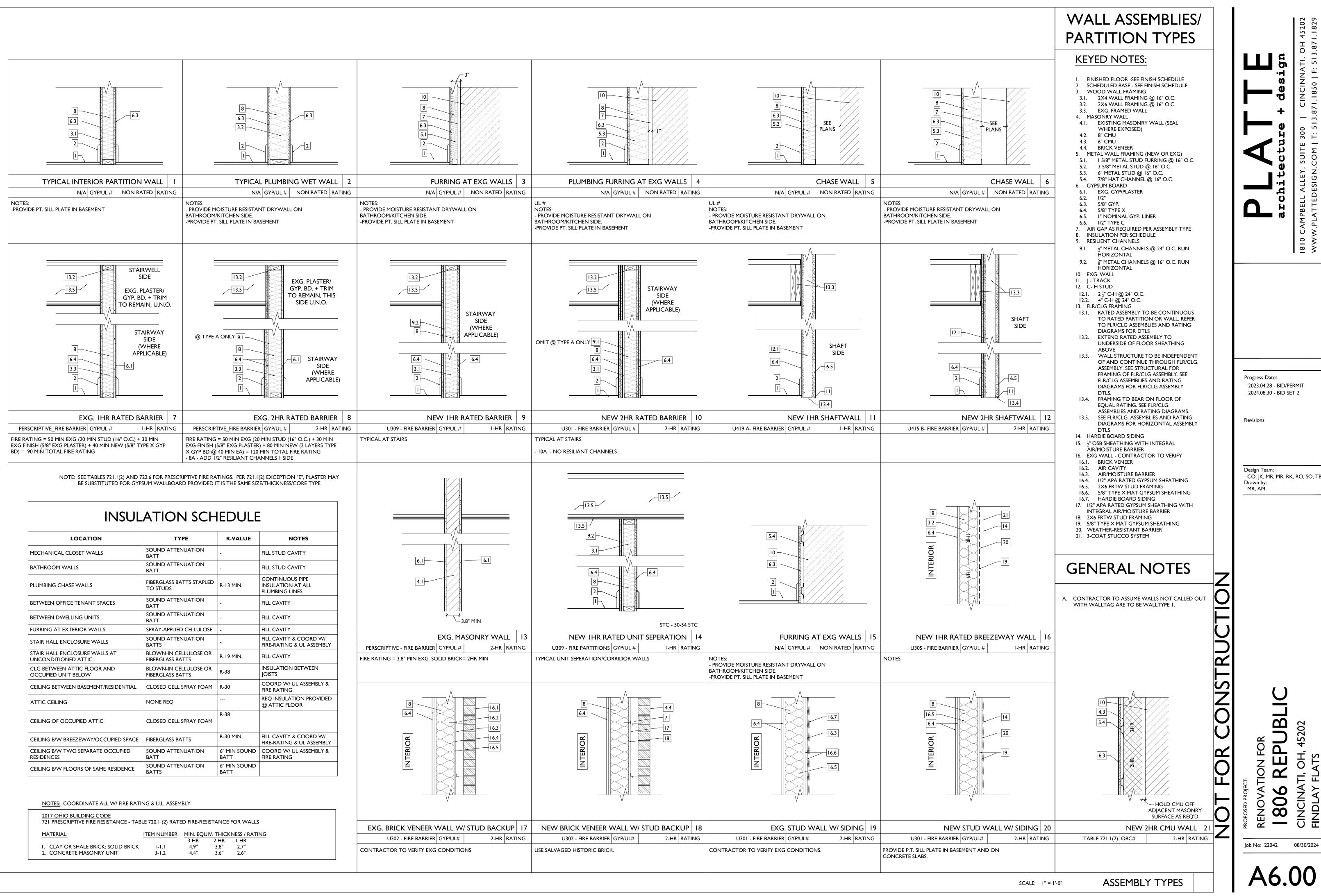
Revisions

REPUBLIC

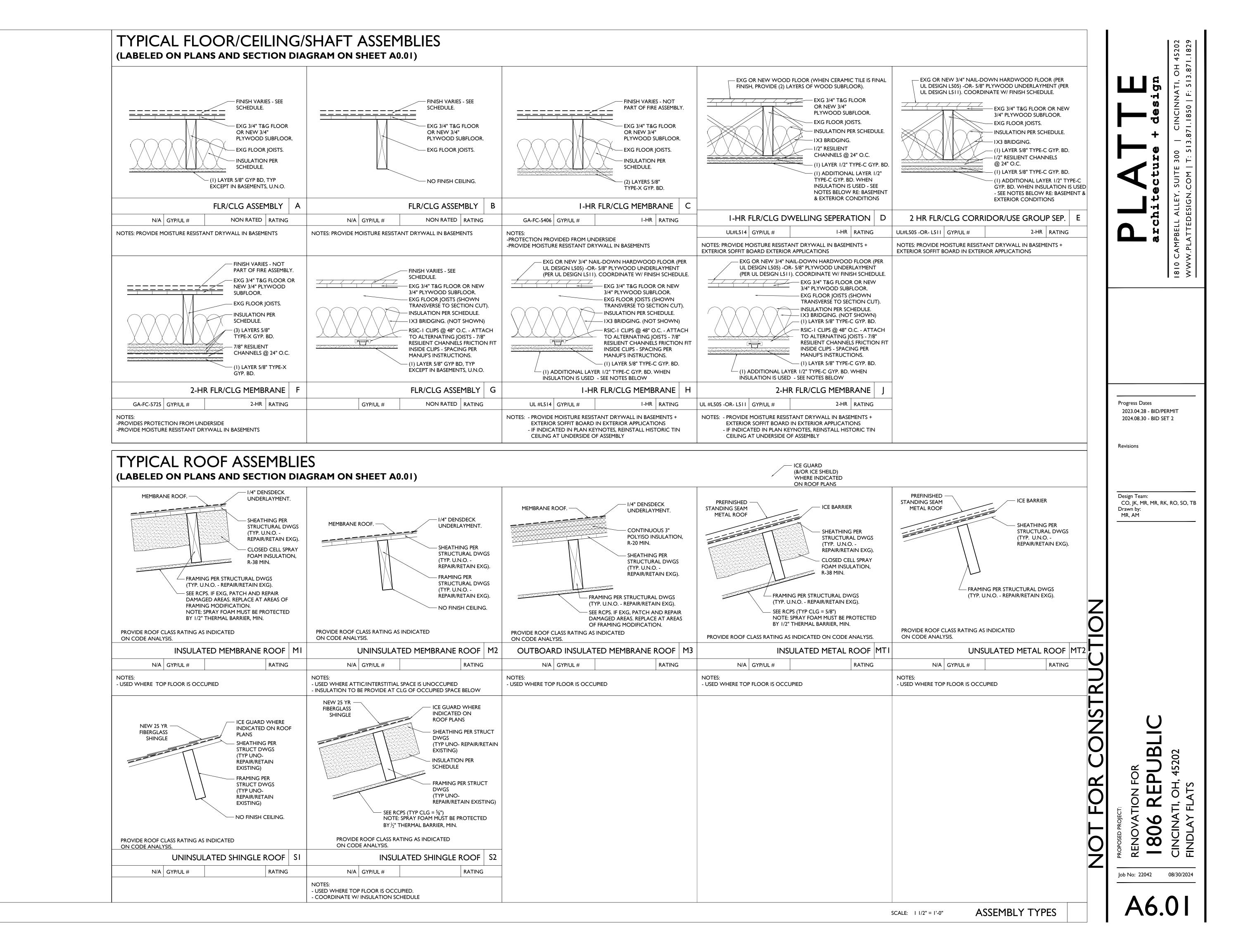
908

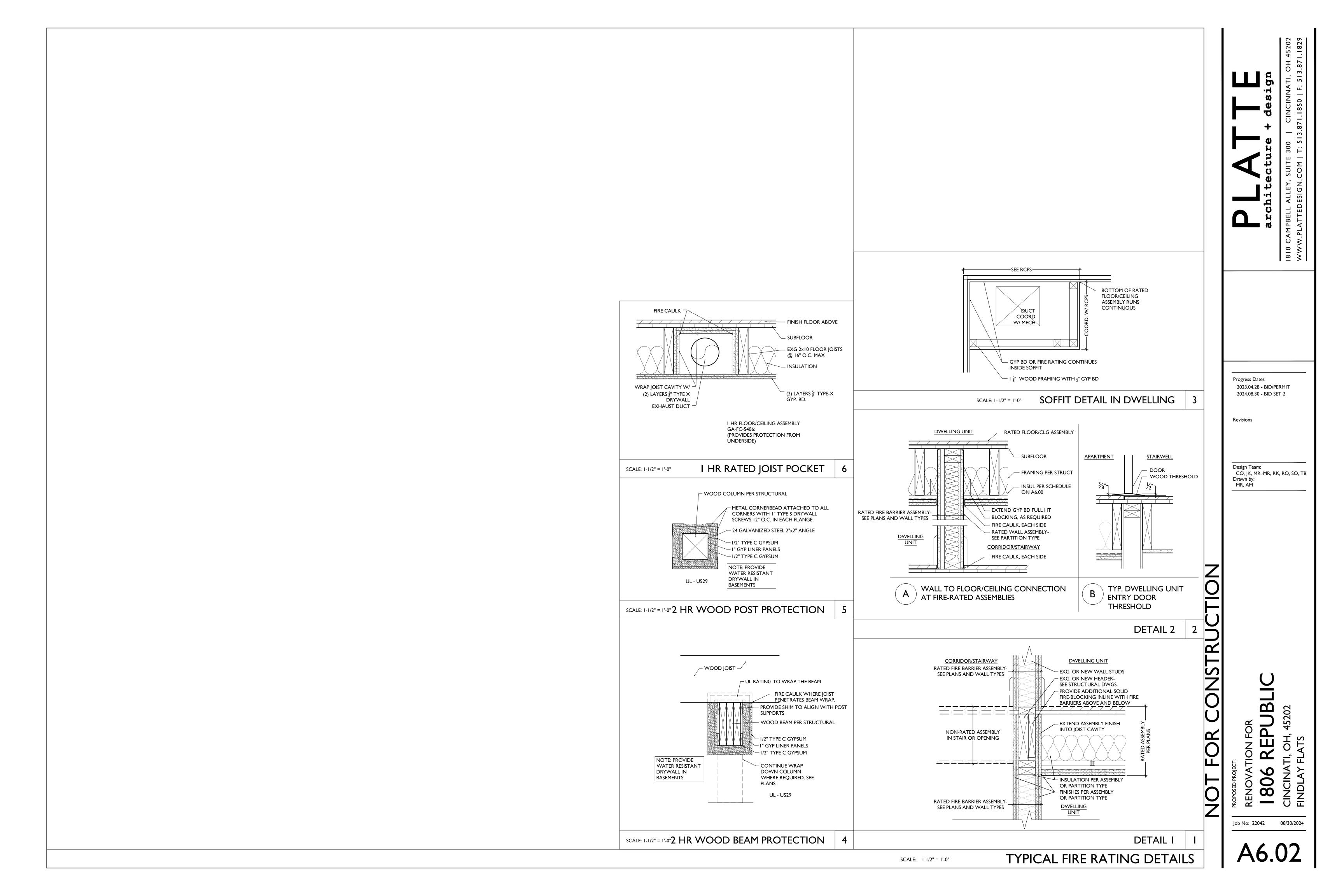






Design Team: CO, JK, MR, MR, RK, RO, SO, TB





HAR	DWARE SCH	EDULE	CALL OUT LEGENDS	DOOR SCHEDULE											
HDWR	М	DESCRIPTION	DOOR FINISHES (ALSO SEE A4.00 AND A8.00-8.01)	DOOR	LOCATION		D001	<u> </u>			ED V ME		>	REN	— M /
EXISTING D	OORS TO REMAIN		FF DOOR TO BE FACTORY FINISHED AS PART OF NEW STOREFRONT SYSTEM. SEE	NO.	LOCATION		DOOF	(FRAME			HDW	KEN	Υ Ι <i>Ρ</i>
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.			I	<u> </u>		_		Σ	_		ט	
NEW COMM	1ERCIAL DOORS	ENTRY LOCKSET	AT INTERIOR DOORS: SEE FINISH SCHEDULE ON A4.00. WL WOOD LOOK			WIDTH	HEIGHT	TYPE	FINISH	ΓΥPE	TRANSM	FINISH	TYPE	RATING	ı
		OUTSIDE KEYLOCK (LOCKED FROM OUTSIDE) LEVER HANDLES	ST STAINED			>	置		ᄑ		H	正		_ ≥	
H02	EXTERIOR COMMERCIAL DOOR	• INSIDE KEYLOCK W/ SINGLE ACTION LEVER RELEASE: MECHANISM RELEASES DEADBOLT WHEN INTERIOR HANDLE	FRAME TYPES (ALSO SEE A6.11)	001-I	NT BASEMENT	2'-6"	41.0 "	DM4	DT	F2		DT	1104	90 MIN	
	(TYPICAL)	IS TURNED. MEETS EMERGENCY EGRESS REQUIREMENT. • 1-1/2 PAIR HINGES • (1) CLOSER	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	FIRST FL		2-6	6'-8"	DM4	PT	F2		PT	H06	90 MIN	
		• WALL/FLOOR STOP • WEATHER SEALS	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	100-1	STAIR ENTRY	EXG OPG - V.I.F.	EXG OPG - V.I.F.	DM3	PT	F2		PT	HI0		
		ENTRY LOCKSET OUTSIDE KEYLOCK (LOCKED FROM OUTSIDE)	SF PART OF STOREFRONT SYSTEM - SEE A6.12	100-2	BASEMENT	2'-6"	6'-8"	DWI	PT	F2		PT	H06		—— I
		LEVER HANDLES INSIDE KEYLOCK W/ SINGLE ACTION LEVER RELEASE:	NOTE: FRAMES TO BE PAINTED, UNO. SEE FINISH SCHEDULE AND EXTERIOR PAINT SCHEDULE FOR MORE INFORMATION.	101-1	ACCESS UNIT ENTRY	3'-0"	6'-8"	DM4	PT	F4		PT		90 MIN	
H03	INTERIOR COMMERCIAL DOOR	MECHANISM RELEASES DEADBOLT WHEN INTERIOR HANDLE IS TURNED. MEETS EMERGENCY EGRESS REQUIREMENT.	FOR MORE INFORMATION.	101-2	COAT CLOSET	2'-6"	6'-8"	DWI	PT	F4		PT	HR04		
		1-1/2 PAIR HINGES (I) CLOSER SMOKE SEAL	TRANSOM TYPES	101-3	CLOSET	2'-6"	6'-8"	DWI	PT	F4		PT	HR04		
		WALL/FLOOR STOP STORAGE LOCKSET	TRI NEW HOLLOW METAL FRAMED TRANSOM	101-4	BATHROOM	2'-6"	6'-8"	DWI	PT	F4		PT	HR02		
	DOOR TO BASEMENT/MECHANICAL	RATED HARDWARE WHERE REQUIRED OUTSIDE KEY LOCK, INSIDE ALWAYS UNLOCKED	TR2 HISTORIC TRANSOM TRIM & GLAZING TO REMAIN. REPAIR/REPLICATE MISSING PIECES AS REQ	101-5	BEDROOM LAUNDRY	2'-8" 2'-6"	6'-8" 6'-8"	DWI	PT PT	F4 F4		PT PT	HR02 HR04		
H06	CLOSET	ACCESSIBLE BY LANDLORD ONLY (3) HINGES	TR3 NEW WOOD TRANSOM TRIM TO MATCH EXG ADJACENT HISTORIC TRIM OF DOOR - WITH NEW TEMPERED GLAZING	101-7	CLOSET	4'-0"	6'-8"	DWI	PT	F4		PT	HR04A		
NEW COMM	10N RESIDENTIAL DOORS	• WALL/FLOOR STOP	TR4 HISTORIC TRANSOM TRIM TO REMAIN. REPAIR/REPLICATE MISSING PIECES AS REQ'D. INSTALL NEW CLEAR GLAZING.	SECONE	FLOOR										
11211 00111	ION NESIBENTIAL BOOKS	ENTRY LOCKSET W/ PANIC HARDWARE	SF NEW TRANSOM TO BE PART OF STOREFRONT SYSTEM. SEE STOREFRONT TYPES. GA NEW TRANSOM TO BE PART OF METAL BREEZEWAY GATE. SEE A6.11	201-1	UNIT ENTRY	3'-0"	6'-8"	DM4	PT	F4		PT		90 MIN	
		RATED HARDWARE PANIC HARDWARE TO BE EXIT ONLY ELECTRONIC ACCESS CONTROL (INTERCOM OR KEY FOB)		201-2	MECHANICAL	2'-6" 2'-6"	6'-8" 6'-8"	DWI	PT PT	F4 F4		PT PT	HR04 HR03		
	EGRESS DOOR FROM STAIR/CORRIDOR TO EXTERIOR	• ELECTRIC STRIKE • (3) HINGES		201-4	BATHROOM	2'-6"	6'-8"	DWI	PT	F4		PT	HR02		
		• (I) CLOSER • WALL/FLOOR STOP		201-5	BEDROOM	2'-8"	6'-8"	DWI	PT	F4		PT	HR02		
		WEATHER SEALS EGRESS LOCKSET W/ ELECTRONIC ACCESS CONTROL		201-6	LAUNDRY	2'-6"	6'-8"	DWI	PT	F4		PT	HR04		
		OUTSIDE ALWAYS LOCKED, INSIDE ALWAYS UNLOCKED LEVER HANDLES	SCHEDULE NOTES	201-7	CLOSET	4'-0"	6'-8"	DWI	PT	F4		PT	HR04A		<u> </u>
HI0	DOOR FROM STAIR/CORRIDOR TO EXTERIOR	ELECTRONIC ACCESS CONTROL (INTERCOM OR KEY FOB) ELECTRIC STRIKE I LOCKSET	SCHEDOLL INOTES	THIRD F		T	T	1	I I						
	EXTERIOR	• 1-1/2 PAIR HINGES • (I) CLOSER	I. EXISTING HISTORIC OPENING:	301-1	UNIT ENTRY COAT CLOSET	3'-0" 2'-6"	6'-8" 6'-8"	DM4 DWI	PT PT	F4 F4		PT PT	HR01 HR04	90 MIN	
		• WALL/FLOOR STOP • WEATHER SEALS	I.A. EXISTING HISTORIC DOOR (& TRANSOM, IF APPLICABLE) TO REMAIN IN SITU. REPAIR AS REQ. CONTRACTOR TO PROVIDE ALLOWANCE FOR DOOR REPAIR FOR ALL EXG.	301-2	MECHANICAL	2'-6"	6'-8"	DWI	PT	F4		PT	HR03		
	PASSAGE DOOR BETWEEN CORRIDOR + EGRESS STAIR	PASSAGE LOCKSET • RATED HARDWARE	DOORS TO REMAIN. I.B. EXISTING HISTORIC DOOR IS TO BE FIXED IN PLACE. SEE PLANS.	301-4	BATHROOM	2'-6"	6'-8"	DWI	PT	F4		PT	HR02		
HI0A		R • NO LOCKSET • (3) HINGES • (1) CLOSER • SMOKE SEAL • WALL/FLOOR STOP	I.C. OPENING TO HAVE RELOCATED HISTORIC DOOR. SEE EXISTING PLANS FOR PREVIOUS LOCATION AND NEW WORK PLANS FOR NEW LOCATION.	301-5	BEDROOM	2'-8"	6'-8"	DWI	PT	F4		PT	HR02		
			I.D. OPENING TO HAVE RELOCATED HISTORIC FRAME/TRIM. SEE EXISTING PLANS FOR	301-6 301-7	LAUNDRY	2'-6" 4'-0"	6'-8" 6'-8"	DWI	PT PT	F4 F4		PT PT	HR04 HR04A		
		STORAGE LOCKSET • RATED HARDWARE	PREVIOUS LOCATION AND NEW WORK PLANS FOR NEW LOCATION. I.E. NEW OPERABLE DOOR IN HISTORIC OPENING.	FOURTH		4-0	0-0	DVVI	FI	Г 1		FI	HKU4A		
HI0AB	DOOR FROM STAIR/CORRIDOR TO	OUTSIDE KEY LOCK, INSIDE ALWAYS UNLOCKED (3) HINGES (1) CLOSER SMOKE SEAL WALL/FLOOR STOP	I.F. HISTORIC POCKET DOORS TO BE RESTORED TO ORIGINAL FUNCTION AND OPERATION.	401-1	UNIT ENTRY	3'-0"	6'-8"	DM4	PT	F4		PT	HR01	90 MIN	
	ATTIC		2. EXISTING TRANSOM TO BE INFILLED BEHIND WITH GYP. BD. TO MAINTAIN FIRE RATING. SEE DETAILS ON A6.02.	401-2	COAT CLOSET	2'-6"	6'-8"	DWI	PT	F4		PT	HR04		
		PASSAGE LOCKSET	3. PROVIDE HOLD OPEN FOR THIS DOOR - SEE HARDWARE SCHEDULE.	401-3	MECHANICAL	2'-6"	6'-8"	DWI	PT	F4		PT	HR03		ı
		OUTSIDE ALWAYS LOCKED, INSIDE ALWAYS UNLOCKED LEVER HANDLES	4. PROVIDE HINGES THAT ALLOW FOR EASY DOOR REMOVAL DURING LAUNDRY UNIT INSTALLATION & MAINTENANCE.	401-4	BATHROOM	2'-6"	6'-8"	DWI	PT	F4		PT	HR02		——
	INTERIOR DOOR FROM STAIR	• ELECTRONIC ACCESS CONTROL (INTERCOM OR KEY FOB) • ELECTRIC STRIKE	5. DOOR TO BE UNDERCUT. SEE MECHANICAL DRAWINGS.	401-5	BEDROOM	2'-8"	6'-8"	DWI	PT	F4		PT	HR02		
HI0B	CORRIDOR TO PUBLIC CORRIDOR	• I LOCKSET • (3) HINGES	 DOOR(S) TO BE FIXED IN PLACE AND INOPERABLE. PROVIDE VIEW HOLE AT 48" A.F.F., CENTERED IN DOOR. 	401-6	LAUNDRY	2'-6" 4'-0"	6'-8" 6'-8"	DWI	PT PT	F4 F4		PT PT	HR04 HR04A		
		(I) CLOSER WALL/FLOOR STOP WEATHER SEALS	8. TIME DELAY FOR ELECTRIC STRIKE TRIGGERED BY INTERCOM OR KEY FOB AT EXTERIOR		5232.										
		• SMOKE SEAL	9. GATE TO BE PART OF SPECIFIED FENCE SYSTEM. SEE PLANS FOR KEYNOTE WITH B.O.D.												
NEW PRIVA	TE RESIDENTIAL DOORS	ENTRY LOCKSET													
		• RATED HARDWARE • LOCKSET VV													
		• THUMB TURN DEADBOLT. • (3) HINGES													
HR01	RESIDENTIAL UNIT ENTRY DOOR	(I) SPRING CLOSER WIDE ANGLE VIEWER WALL/FLOOR STOP													
		• SMOKE SEAL • DOOR SWEEP													
		RUBBER THRESHOLD (LOW PROFILE) PRIVACY LOCKSET	GENERAL NOTES												
HR02	TYPICAL BEDROOM AND BATHROOM	• (I) LOCKSET	THIS IS A HISTORIC TAX CREDIT PROJECT WITH SENSITIVE HISTORIC MATERIALS,												
		• WALL/FLOOR STOP • WOOD "T" THRESHOLD	INCLUDING DOORS & TRIM. DO NOT REMOVE ANY HISTORIC DOORS OR TRIM UNLESS INDICATED IN THESE DRAWINGS & IN THE SHPO NARRATIVE.												
		STORAGE LOCKSET OUTSIDE KEY LOCK, INSIDE ALWAYS UNLOCKED	DOOR FRAMES												
HR03	DOOR TO MECHANICAL CLOSET	ACCESSIBLE BY LANDLORD ONLY (3) HINGES (3) ALL (FLOOR STOR	A. FURNISH AND INSTALL ALL DOOR FRAMES AS SHOWN ON THE DRAWINGS AND IN												
		WALL/FLOOR STOP WOOD "T" THRESHOLD PASSAGE LOCKSET	ACCORDANCE WITH FINAL SHOP DRAWINGS AND MANUFACTURER'S DATA AND INSTRUCTIONS.												
HR04	SINGLE DOOR TO CLOSET/STORAGE/LAUNDRY	PASSAGE LOCKSET • (3) HINGES • WALL/FLOOR STOP	B. SUBMIT SHOP DRAWINGS FOR FABRICATION AND INSTALLATION OF FRAMES. INCLUDE DETAILS OF EACH FRAME TYPE, CONDITIONS AT OPENINGS, DETAILS OF CONSTRUCTION,												
	DOUBLE SWINGING DOOR TO	CLOSET PULLS • DUMMY LEVER HANDLES	LOCATION, AND INSTALLATION REQUIREMENTS OF FINISH HARDWARE AND REINFORCEMENTS, AND DETAILS OF JOINTS AND CONNECTIONS. SHOW ANCHORAGE												
HR04A	CLOSET/STORAGE	BALL CATCHES 3 PAIR HINGES	AND ACCESSORY ITEMS. PROVIDE SCHEDULE OF FRAMES USING SAME REFERENCE FOR DETAILS AND OPENINGS AS THOSE ON CONTRACT DRAWINGS.												
		1	C. NEW FRAMES SHALL HAVE UL LABELS TO MATCH RATING NOTED IN DOOR SCHEDULE.												
GENERAL HARDWARE NOTES: I. ALL HARDWARE TO BE OPERABLE IN THE DIRECTION OF EGRESS ALWAYS WITHOUT KNOWLEDGE, KEY OR TIGHT			D. SET AND BRACE ALL DOOR FRAMES. FRAMES SHALL BE PREPARED FOR HARDWARE PER TEMPLATES FURNISHED BY HARDWARE SUPPLIER.												
2. ALL HARD\		STEEL AND POWDER COAT TO MATCH. EXIT DEVICES,	E. COORDINATE LOCATIONS FOR OTHER TRADES TO BUILD IN THEIR WORK AS REQUIRED.												
TO BE POW	DER COAT TO MATCH.	RIOR HINGES, LOCKSETS, WALL STOPS US26D, DOOR CLOSERS	<u>DOORS</u>												
3. ALL HARD	WARE TO BE AS SPECIFIED OR APPROVED	EQUAL.	F FURNISH AND INSTALL ALL DOORS AS SHOWN ON THE DRAWINGS AND IN ACCORDANCE												

F. FURNISH AND INSTALL ALL DOORS AS SHOWN ON THE DRAWINGS AND IN ACCORDANCE

INSTRUCTIONS FOR EACH TYPE OF DOOR. PROVIDE SCHEDULE OF DOORS USING SAME

THERMALLY BROKEN AND WITH WEATHER STRIPPING AND PROVIDED WITH ACCESSIBLE

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.

WITH FINAL SHOP DRAWINGS AND MANUFACTURER'S DATA AND INSTRUCTIONS.

G. SUBMIT DOOR MANUFACTURER'S PRODUCT DATA SPECIFICATIONS AND INSTALLATION

REFERENCE FOR DETAILS AND OPENINGS AS THOSE ON CONTRACT DRAWINGS.

ACCESSIBLE THRESHOLD. ALL EXTERIOR STOREFRONT DOORS TO BE INSULATED,

THRESHOLD.

SHALL HAVE FLUSH STOPS.

NOT FIT, CONTACT ARCHITECT.

SEE DOOR SCHEDULE FOR REQUIRED FIRE RATINGS.

DOOR MAY FREELY MOVE ABOVE FINISH FLOOR MATERIAL.

H. EXTERIOR DOORS TO BE INSULATED, WITH WEATHERSTRIPPING, AND PROVIDED WITH

3. ALL HARDWARE TO BE AS SPECIFIED OR APPROVED EQUAL.
A. LOCKSETS ARE BASED ON BEST CYLINDRICAL GRADE I (MORTISE LOCK FOR TOILETS WITH INDICATOR).

FORMAT KEY SYSTEM), 5 MASTER KEYS, 3 CHANGE KEYS PER CYLINDER.

6. COORDINATE ELECTRONIC ACCESS CONTROL REQUIREMENTS WITH OWNER

MANUFACTURERS: DORMA (8900 SERIES), LCN (4040XP SERIES).

5. COORDINATE KEYING REQUIREMENTS WITH OWNER.

SERIES), VON DUPRIN (98 SERIES)

7. PROVIDE INTERCHANGEABLE CORES

COORDINATE KEYING REQUIREMENTS WITH OWNER. APPROVED MANUFACTURERS: BEST (9K3 SERIES), SCHLAGE (ND SERIES), SARGENT (10 LINE). KEY SYSTEM - PROVIDE MASTER SYSTEM (KEY INTO OWNER'S EXISTING SMALL

B. EXIT DEVICES ARE BASED ON PRECISION 2100 SERIES GRADE 1. APPROVED MANUFACTURERS: PRECISION (2100

A. HINGE SIZE, DOORS UP TO 3 FEET WIDE 4-1/2" X 4-1/2", DOORS WIDER THAN 3 FEET TO BE 5" X 4-1/2".

B. HINGE QUANTITY - 3 HINGES PER DOOR LEAF FOR DOORS UP TO 7'6". PROVIDE 4 HINGES FOR DOORS TALLER

C. DOOR CLOSERS ARE BASED ON DORMA 8900 SERIES GRADE 1. PROVIDE WITH FULL COVER. APPROVED

REMARKS

OT FOR CONSTRUCTION

DOOR SCHEDULE

POSED PROJECT:

2023.04.28 - BID/PERMIT 2024.08.30 - BID SET 2

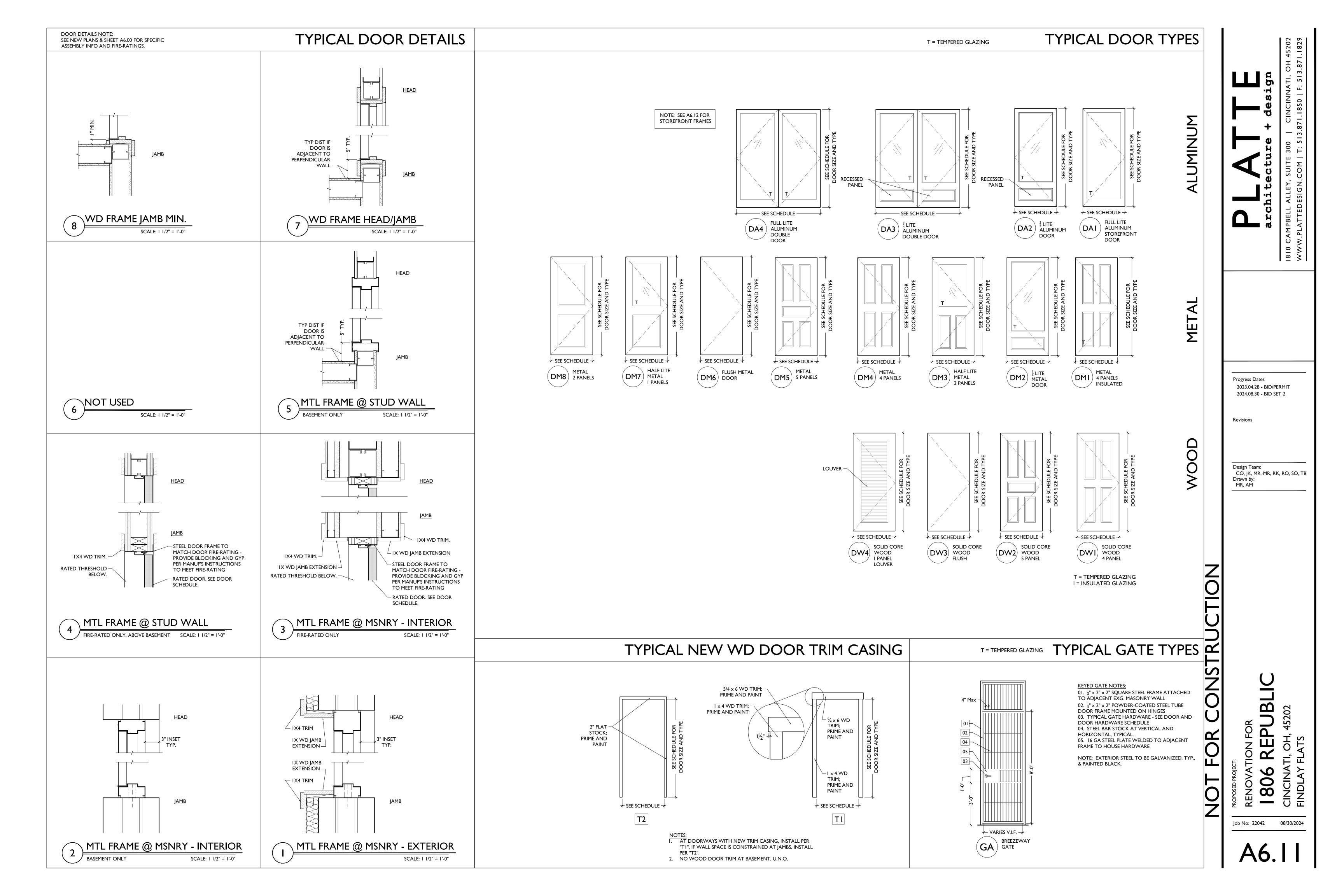
Design Team: CO, JK, MR, MR, RK, RO, SO, TB

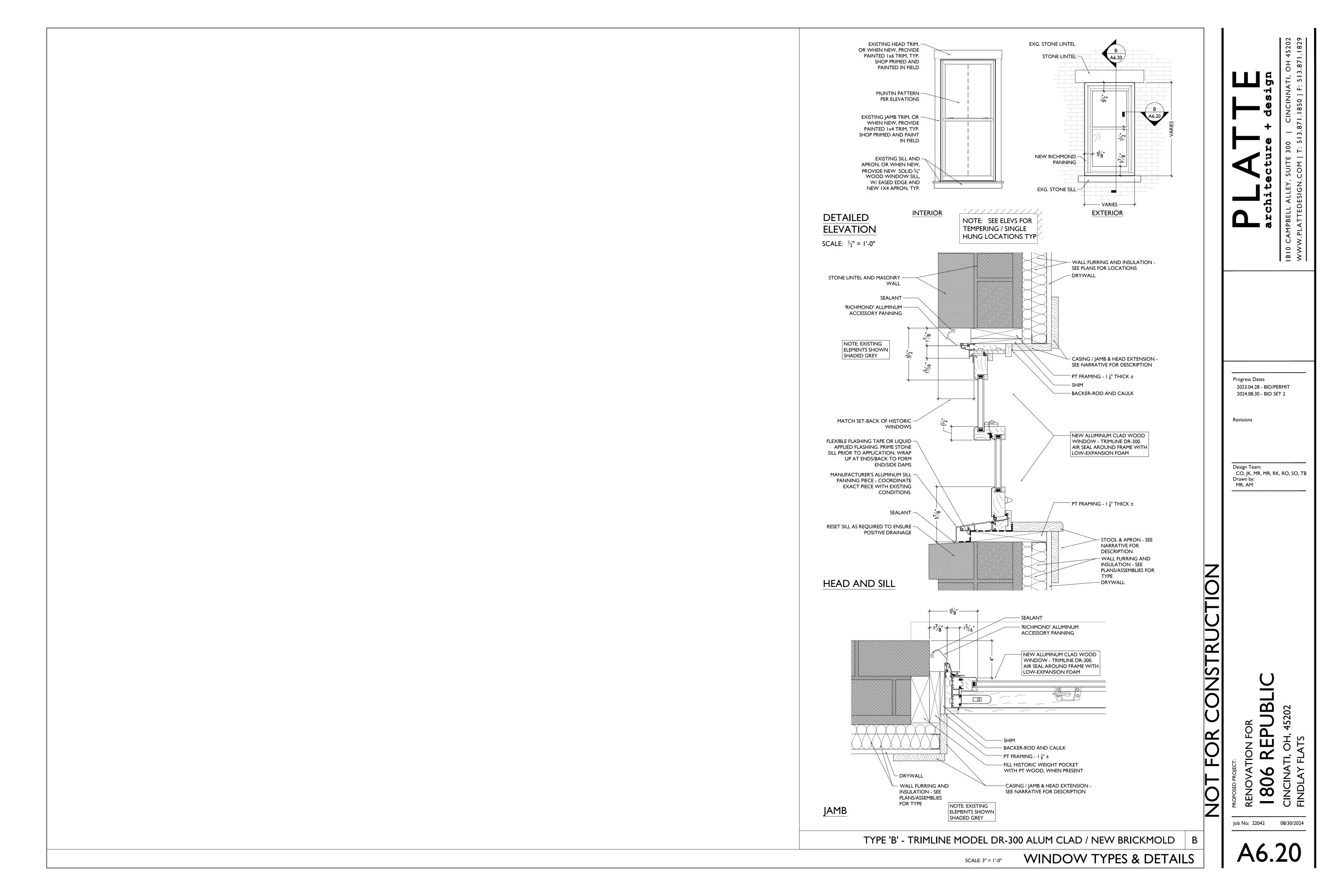
Drawn by: MR, AM

Job No: 22042 08/30/2024

A6.10

PUBL





GOVERNING CODE

OHIO BUILDING CODE - 2017, BASED ON 2015 IBC

CLASSIFICATION OF THE BUILDING STRUCTURE: RISK CATEGORY II, TABLE 1604.5

<u>DESIGN LOADS</u>

ROOF LOAD:

- A. MINIMUM LIVE LOAD OR SNOW LOAD: 20 PSF*
- *MINIMUM LIVE / SNOW LOAD GOVERNED BY MINIMUM SNOW LOAD, $P_m = I_s * P_g$

B. DEAD LOAD = 20 PSF IN ADDITION TO STRUCTURE SELF WEIGHT

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.

3. 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 WEIGHT

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).

5. SPECIAL LOADS:

- A. INTERIOR FINISH: 5 PSF HORIZONTAL LOAD.
- B. HANDRAILS: 200 POUND CONCENTRATED LOAD AT ANY POINT, IN ANY DIRECTION, OR 50 PLF UNIFORM LOAD IN ANY DIRECTION.
- C. GUARDRAILS: a. TOP RAIL: 200 POUNDS CONCENTRATED AT ANY POINT IN ANY
- DIRECTION, OR 50 PLF UNIFORM LOAD IN ANY DIRECTION. b. IN-FILL AREAS: 50 POUNDS APPLIED OVER A 1 SQUARE FOOT AREA.

SPECIAL INSPECTIONS

PER THE REQUIREMENTS OF CHAPTER 17, SECTION 1704.1, OF THE REFERENCED BUILDING CODE, SPECIAL INSPECTIONS ARE NOT NECESSARY FOR THE PROPOSED BUILDING CONSTRUCTION. STRUCTURAL CONSTRUCTION IN THIS BUILDING IS CONSIDERED MINOR NATURE AND IS ASSUMED TO 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

OF TIME FOR REVIEW.

- 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
- 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 Review	N/a	N/a	
- For Review denotes the contractor must submit to the design team for review. The				

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

resolved in writina. - 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 resisted by the building's structural elements. Any load resisted by the building's structural elements must be approved by the EOR. N/a denotes not applicable.

- REQUESTS FOR INFORMATION (RFI'S) SHALL BE SUBMITTED IN A TIMELY MANNER WHEN INFORMATION IS MISSING FROM THE CONSTRUCTION DOCUMENTS, INFORMATION IS CONFLICTING WITHIN THE CONSTRUCTION DOCUMENTS, OR IS AMBIGUOUS.
- A. THE CONTRACTOR MUST USE DUE DILIGENCE IN ATTEMPTING TO FIND ANY ANSWER PRIOR TO SUBMITTING AN RFI.
- B. IF THE INFORMATION REQUESTED IN AN RFI IS APPARENT FROM FIELD OBSERVATION, IS CONTAINED IN THE CONSTRUCTION DOCUMENTS, OR IS REASONABLY INFERABLE FROM THE CONSTRUCTION DOCUMENTS, THE CONTRACTOR SHALL BE RESPONSIBLE TO THE OWNER FOR ALL REASONABLE COSTS CHARGED RELATED TO ADDITIONAL SERVICES INCURRED DUE TO ANSWERING THE RFI.

CONSTRUCTION AND SAFETY

- 1. THE CONTRACTOR SHALL BRACE ENTIRE STRUCTURE AS REQUIRED TO MAINTAIN STABILITY UNTIL COMPLETE AND FUNCTIONING AS THE DESIGNED UNIT
- 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

- THESE STRUCTURAL DRAWINGS DEPICT A STRUCTURAL SYSTEM AND THE MAJOR COMPONENTS OF THAT SYSTEM. MINOR ITEMS, INCLUDING BUT NOT LIMITED TO, POURSTOPS, DECK SUPPORT ANGLES, FRAMES AT FLOOR AND ROOF DECK OPENINGS, CFS AT ARCHITECTURAL FEATURES, ETC. SHALL BE SUPPLIED BY THE CONTRACTOR AS NEEDED TO PROVIDE A COMPLETE SYSTEM.
- 2. WHERE DETAILS ARE CALLED FOR IN ONE AREA OF THE BUILDING, THEY SHALL BE DUPLICATED AT SIMILAR CONDITIONS UNLESS NOTED OTHERWISE.
- 3. STRUCTURAL AND ARCHITECTURAL PLANS SHOW DIMENSIONS AND ELEVATIONS TO SIGNIFICANT WORKING POINTS. CONTRACTORS, DETAILERS AND SUPPLIERS ARE RESPONSIBLE FOR THE DETERMINATION OF ALL DIMENSIONS, PITCHES, ELEVATIONS, ETC. BEYOND THOSE NOTED AS NECESSARY TO THOROUGHLY DETAIL/FABRICATE THEIR WORK. CONTACT ARCHITECT WITH ANY DISCREPANCIES FOUND.

FOUNDATIONS

- 1. SOIL CONDITIONS:
- A. PER THE CLIENT'S REQUEST, THE FOUNDATION DESIGN AND GENERAL FOUNDATION NOTES ARE BASED ON THE ASSUMPTION OF FAVORABLE SOIL CONDITIONS.
- 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.
- 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 CONSULTANT
- 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.
- 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. HIGH RANGE WATER REDUCER (HRWR) ADMIXTURE: ASTM C494. E. CHLORIDE CONTENT OF CONCRETE: LIMIT TOTAL CHLORIDE ION CONTENT TO AMOUNT INDICATED IN TABLE 4.2.2.6 OF ACI 318.

ADMIXTURES CONTAINING CHLORIDE ARE NOT PERMITTED IN

REINFORCED CONCRETE OR CONCRETE CONTAINING METALS.

7. CONCRETE MIX SCHEDULE:

Application	f' _c @ 28 days (psi)	Air Content ¹	Max w/c ratio ²	Max Agg. Size ¹ (in)	F Class	S Class	W Class	C Class
Footings	3000	N/a	0.55	3/4	F0	S0	W0	C0
Interior Floor Slab on Grade	4000	N/a	0.5	3/4	F0	S0	W0	C0
Exterior Flatwork (Plain Concrete)	4500	6% ± 1.5%	0.45	3/4	F3	S0	W1	C1

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

EXPANSION AND EPOXY ADHESIVE ANCHORS

- EXPANSION ANCHORS:
- A. EXPANSION ANCHORS SHALL BE MANUFACTURED BY THE HILTI COMPANY AND SHALL BE THE TYPE, SIZE, AND EMBEDMENT INDICATED ON THE DRAWINGS. INSTALL PER MANUFACTURER'S RECOMMENDATIONS. SUBSTITUTES MAY BE CONSIDERED; SUBMIT MANUFACTURER'S DATA PRIOR TO INSTALLATION.
- 2. EPOXY ADHESIVE ANCHORS:
- B. EPOXY ADHESIVE SHALL BE MANUFACTURED BY THE HILTI COMPANY AND SHALL BE THE TYPE, SIZE, AND EMBEDMENT INDICATED ON THE DRAWINGS. INSTALL PER MANUFACTURER'S RECOMMENDATIONS. SUBSTITUTES MAY BE CONSIDERED; SUBMIT MANUFACTURER'S DATA PRIOR TO INSTALLATION.
- A. THREADED RODS SHALL BE ASTM A36. SIZES AND EMBEDMENT AS INDICATED ON THE DRAWINGS.
- B. CONDUCT JOB-SITE TRAINING OF ALL CONTRACTOR'S PERSONNEL INSTALLING THIS PRODUCT FOR SAFE AND PROPER INSTALLATION, HANDLING, AND STORAGE OF THE EPOXY SYSTEM.

MASONRY WALL REPAIR

- 1. EXTERIOR MASONRY AND STONE IS TO BE REPAIRED, REPLACED, AND CLEANED AS NEEDED. CONTRACTOR SHALL PERFORM AN OBSERVATION OF ALL WALLS AND EXISTING LINTELS TO DETERMINE DAMAGED AREAS THAT
- 2. REPAIR DAMAGED JOINTS IN MASONRY WHERE MORTAR IS SOFT, DAMAGED, OR MISSING. CUT OUT JOINTS TO A DEPTH OF 2X THE WIDTH OF THE JOINT OR UNTIL SOUND MORTAR. REMOVE DUST AND LOOSE MATERIAL BY HAND BRUSHING. MORTAR TO MATCH EXISTING IN COMPOSITION, COLOR, TOOLING, PROFILE AND HARDNESS.
- 3. REPLACE MISSING, ERODED, SPALLED OR CRACKED MASONRY UNITS. CUT OUT UNITS, INCLUDING ENTIRE MORTAR JOINT AROUND MASONRY UNIT, REMOVE UNITS BY HAND USING CARE SO AS NOT TO DAMAGE ADJACENT MASONRY. TURN EXISTING BRICKS AROUND AND/OR USE SALVAGED BRICK IF POSSIBLE. BUILD-IN NEW MASONRY AND JOINTS TO MATCH EXISTING. ALIGN WITH EXISTING JOINTS AND COURSING TRUE AND LEVEL, FACES PLUMB AND IN-LINE. INSTALL ANY ANCHORS, FLASHING, OR REINFORCEMENTS AS NECESSARY, ALL NEW WORK SHALL MATCH THAT OF THE SURROUNDING MASONRY.
- 4. REMOVE CRACKED, DAMAGED AND SEVERELY SPALLED STONE LINTELS AND SILLS WITH CARE IN A MANNER TO PREVENT DAMAGE TO ADJACENT REMAINING MATERIALS. BUILD-IN NEW LINTELS AND SILLS. ALIGN WITH EXISTING JOINTS AND COURSING TRUE AND LEVEL, FACES PLUMB AND IN-LINE. INSTALL ANY ANCHORAGES, FLASHINGS, OR REINFORCEMENTS AS NECESSARY. WHERE APPLICABLE, NEW LINTELS AND SILLS TO BE PRECAST CONCRETE TO MATCH EXISTING IN COLOR AND TEXTURE. THE CONTRACTOR SHALL PROVIDE SAMPLES FOR APPROVAL PRIOR TO ORDERING MATERIAL. ALL STONE REPLACEMENT WORK WILL BE DONE WITHOUT DAMAGE, TO MATCH THE EXISTING HISTORIC STONE AND MASONRY.
- 5. NEW MASONRY CONSTRUCTION FOR WALLS NEEDING TO BE ENTIRELY REBUILT SHALL BE CONSISTED OF AN EXTERIOR WYTHE OF SIMILAR BRICK MATERIAL OF THE ERA. COMPOSITE CONSTRUCTION WITH AN INNER 4" WYTHE OR 8" WYTHE OF CONCRETE MASONRY, TO MATCH EXISTING WALL WIDTH. INTER-CONNECT W/ 9 GAUGE LADDER TYPE JOINT REINFORCING (GALVANIZED) @ 8" O.C. GROUT ALL COLLAR JOINTS SOLID WITH NO VOIDS.
- 6. SPIRA-LOK TIES ARE MANUFACTURED BY HOHMANN & BARNARD SHALL BE 8MM, 304 STAINLESS STEEL. INSTALL IN MORTAR JOINTS, LENGTH AS NEEDED SO END OF TIE WITH WITHIN 1" OF EXTERIOR AND INTERIOR FACE OF MASONRY. WHERE TIE IS INSTALLED INTO INTERIOR WOOD FRAMING, PENETRATE WOOD A MINIMUM OF 3". ALTERNATES WILL BE CONSIDERED UPON SUBMITTING MANUFACTURER INFORMATION.

<u>WOOD</u>

MATERIALS:

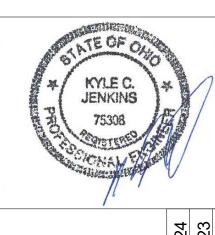
- A. FRAMING LUMBER:
- a. 2x8 AND LARGER: NO.1 GRADE OR BETTER SOUTHERN PINE KILN
- b. 2x4: STUD GRADE OR BETTER SPRUCE PINE FIR KILN DRIED. c. 2x6: NO.2 GRADE OR BETTER SPRUCE PINE FIR KILN DRIED.
- ACQ-C (ALT CA-B OR SBX-DOT) PRESSURE TREAT PIECES IN CONTACT WITH FOUNDATION OR EXPOSED TO WEATHER.
- 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 11/2" OR 13/4" MEMBER, 11/2" FLANGE NAILS ARE ACCEPTABLE. USE FULL LENGTH NAILS FOR DIAGONAL NAILS OF DOUBLE SHEAR HANGERS.
- 5. ADHESIVE FOR PLYWOOD SUBFLOORING SHALL CONFORM TO PERFORMANCE SPECIFICATION AFG-01 DEVELOPED BY APA.
- 6. UNLESS NOTED OTHERWISE, CONNECTORS SHALL BE MADE PER TABLE 2304.10.1, "RECOMMENDED FASTENING SCHEDULE", IN REFERENCED BUILDING CODE. STAPLES NOT PERMITTED FOR FASTENING APA RATED SHEATHING AND SUBFLOORING.
- 7. ALL PLYWOOD SUBFLOORING SHALL BE GLUED AND NAILED.
- 8. ALL CONNECTION HARDWARE SPECIFIED ON THE STRUCTURAL DRAWINGS SHALL BE MANUFACTURED BY THE SIMPSON STRONG-TIE COMPANY AND SHALL BE FASTENED AS SPECIFIED IN THE SIMPSON PRODUCT AND INSTRUCTION MANUAL.

advantage 1527 Madison Road

Cincinnati, OH 45206

www.advantageSE.com

513 396 8900



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

 $\mathbf{\Omega}$

9 0 ∞

22146.19 roj. No.:

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

REPUBLIC

Design Team: KCJ / SJ

Date: 04/28/2023

22146.19

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

513 396 8900

PROJECT KEYNOTES:

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 LINTELS. CUT EXISTING JOISTS BACK AND BEAR JOISTS ON NEW BEAM. REMOVED DEBREES FROM EXTERIOR WINDOW WELL OR STAIR, AND FILL WITH CDF. TOP WITH 4" CONCRETE SIDEWALK SLAB.

 \langle 2 \rangle REMOVE EXISTING DOUBLE JOIST AND PROIVDE NEW (2) 2x12 JOIST.

REMOVE EXISTING HEADER. CUT BACK JOIST APPROXIMATELY 1', TO UN-ROTTED SECTION. PROVIDE NEW (2) 2x12 HEADER w/ LUS210-2 HANGER EACH END. HANG EXISTING JOISTS TO HEADER w/ LUS210R-18 HANGERS.

REMOVE EXISTING INFILL AND PROVIDE NEW 2x12 JOISTS AT 16" o.c. w/ LUS28 HANGERS EACH END.

NEW PRE-ENGINEERED WOOD STAIR, COORD WITH ARCH.

REMOVE EXISTING WOOD BEAMS AND WALL. PROVIDE NEW 2x4 BEARING WALL, SUPPORTED BY EXISTING SLAB.

7 NEW 2x12 JOISTS AT 16" o.c.

 \langle 8 \rangle NEW 2x8 JOISTS AT 16" o.c.

(9) NEW 2x12 SISTER EACH EX JOIST. BEAR ON WOOD BEAM EACH END.

√ 10

NEW 2x12x10' SISTER w/ (4) SWS 4' FROM WALL AND AT END OF SISTER, AND PER PLAN NOTES.

(11) 2x12 SISTER, ENDS WITHIN 4" OF WALL EACH END. FASTEN w/ (3) SWS EACH END, AND PER PLAN NOTES.

412 HANG EX HEADER TO NEW BEAMS w/ LUS48 HANGERS EACH END.

(13) EXISTING WOOD WALL BEARS STAIRS AND LANDING. SISTER DETERIOATED JOISTS WITH NEW 2x4 FULL HEIGHT.

 \langle 14 \rangle EXISTING LEDGER. FASTEN TO EACH STUD AND NEW SISTERED STUDS w/ (2) SWS.

REPAIR INTERIOR LINTEL BEARING, REPLACED CRACKED MASONRY. REMOVE WOOD FROM JAMB AND REPLACE WITH NEW MASONRY.

EXISTING HEARTH WOOD INFILL. PROVIDE ADDITIONAL 2x6 JOISTS w/ LUS24 EACH END, CENTERED IN INFILL. REMOVE EXISTING INFILL SHEATHING AND PROVIDE NEW APA RATED SHEATHING.

417 EXISTING SINGLE HEADER CONNECTED TO FLOOR BEAM. ADD SIMPSON L70 ANGLE EACH END.

NEW FIRE ESCAPE DESIGNED BY FABRICATOR'S SPECILTY ENGINEER. FIRE ESCAPE SHALL BE DESIGNED AND \langle 18 \rangle FABRICATED PER CITY OF CINCINNATI "POLICY DIRECTIVE NO. 78." PROVIDE SIGNED AND SEALED SHOP DRAWINGS BY P.E. REGISTERED IN THE STATE OF OHIO.

NEW 1-3/4"x11-1/4" LVL SISTER, END WITHIN 4" OF WALL EACH END. PROVIDE (3) SWS EACH END, AND PER PLAN

PROVIDE NEW 1-3/4"x7-1/4" SISTER TO EXISTING HEADER. HANG TO DOUBLE JOIST EACH END w/ LUS46 HANGERS.

CUT EX JOISTS FOR NEW HEADER. ADD NE EXTEND TO WITHIN 4" OF MASONRY WALL. CUT EX JOISTS FOR NEW HEADER. ADD NEW 2x8 SISTER AND HANG TO HEADER w/ LUS46 HANGER. SISTER SHALL

 \langle 22 \rangle GROUT EXISTING CHIMNEY VOIDS AND FLUES AT FLOOR LEVEL AND 12" BELOW FLOOR.

NEW 2x12 SISTER w/ (4) SWS EACH END AND PER PLAN NOTES. NORTH END OF SISTER SHALL BE WITHIN 4" OF MASONRY WALL.

NEW (2) 2x10 HEADER w/ LUS28-2 HANGERS EACH END. CUT EXISTING JOISTS AND HANG TO HEADER w/ LUS28R-18 HANGERS.

 \langle 25 \rangle NEW 2x12 SISTER. BEAR ON SOUTH MASONRY WALL AND NEW WOOD BEAM.

REMOVE EXISTING DEPRESSED SIDEWALK SLAB AND INVESTIGATE SOIL BELOW. REMOVE LOOSE SOIL AND FILL WITH CDF. REPLACE SIDEWALK WITH NEW 4" CONCRETE SLAB.

27 REMOVE INTERIOR WOOD LINTEL AND REPLACE PER TYPICAL DETAIL.

28 NEW 2x10 SISTER. ENDS WITHIN 4" OF WALL EACH END WITH (2) 1/4"x3 1/2" SWS.

29 NEW 2x6 INFILL JOIST WITH LUS24 EACH END.

(30) REPLACE ROTTED OUTRIGGERS AT GUTTER SUPPORT WITH 2x WITH DEPTH TO MATCH.

PLAN NOTES:

1. COORDINATE ALL DIMENSIONS, DOOR AND WINDOW LOCATIONS WITH ARCHITECTURAL DRAWINGS.

2. REMOVE DAMAGED OR SATURATED SHEATHING AND REPLACE WITH NEW APA RATED SHEATHING. REPLACE DAMAGED, SATURATED OR DETERIORATED JOISTS WITH NEW JOISTS OF THE SAME SIZE.

3. LUMBER AT 1ST FLOOR AND BASEMENT SHALL BE PRESSURE TREATED.

4. WOOD LINTELS AT OPENINGS IN MASONRY WALLS WHERE ROTTED SHALL BE REPLACED WITH A STEEL HSS4x4x3/8 (GALVANIZED) LINTEL AT EACH 4" WYTHE. ALTERNATIVELY USE A 4"x8" PRECAST CONCRETE LINTEL WITH #5 TOP AND BOTTOM EACH 4" WYTHE, OR AN L4x3-1/2x5/16" LINTEL LLV, EACH WYTHE.

5. SEE STRUCTURAL ELEVATION DRAWINGS FOR EXTERIOR BRICK REPAIR AND TUCKPOINTING.

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

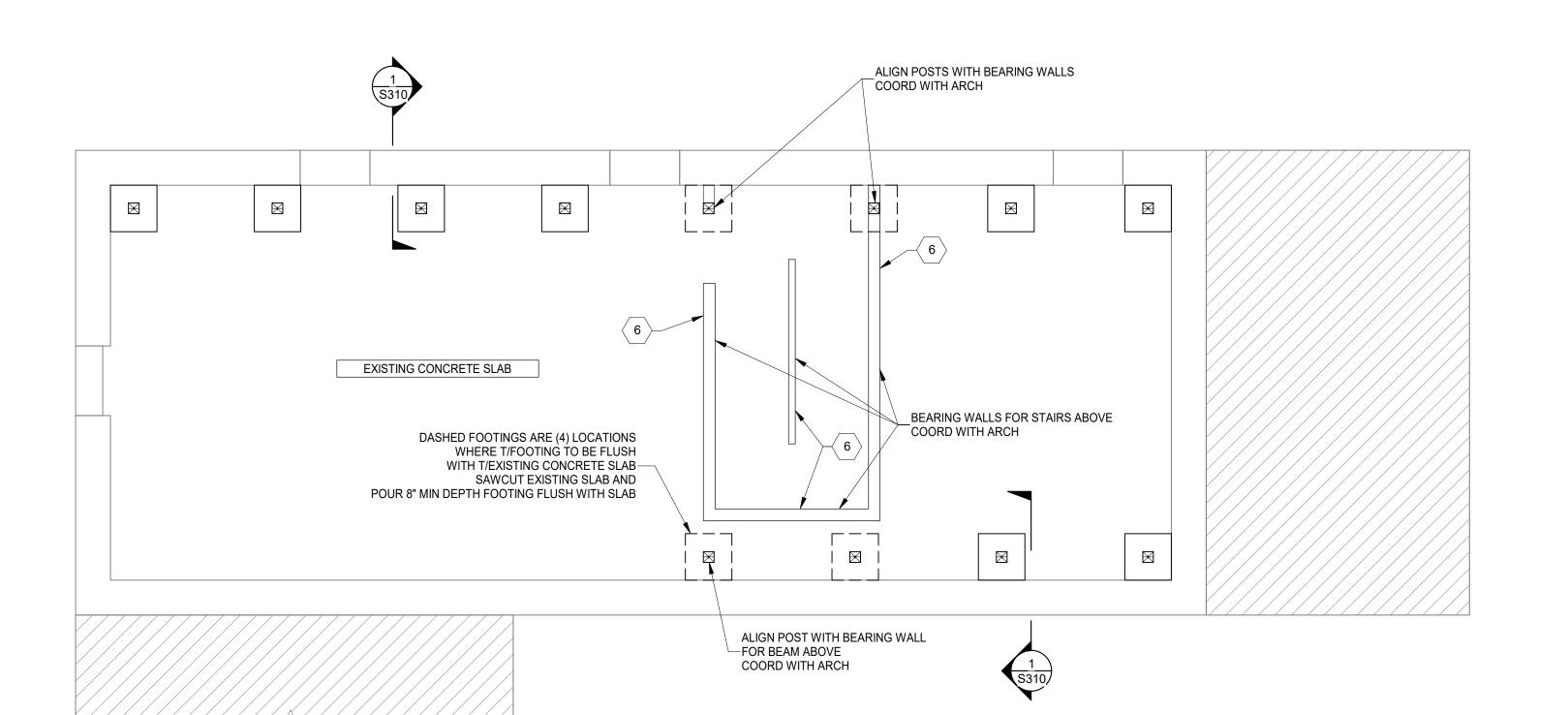
7. FIELD VERIFY ALL EXISTING CONDITIONS, NOTIFY ADVANTAGE GROUP ENGINEERS OF ANY DESCREPANCIES.

8. SWS = STRUCTURAL WOOD SCREW. ALLOWABLE SCREWS ARE 1/4" SIMPSON SDS, 1/4" SPAX POWERLAGS OR 1/4"

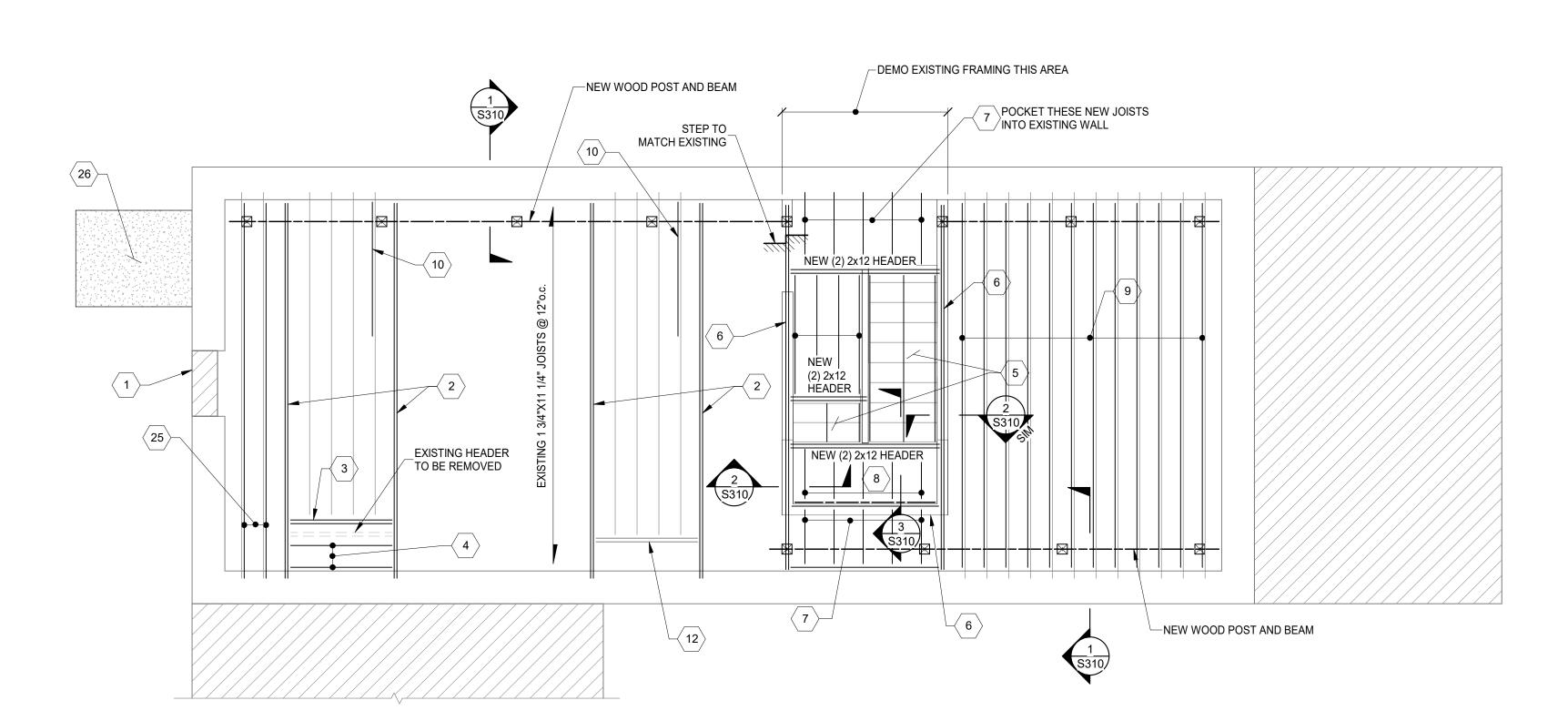
FASTEN MASTER LEDGER LOK. 9. FASTEN SISTERS WITH 1/4"x3" SWS @ 24"o.c. STAGGERED UNLESS NOTED OTHERWISE.

10. WOOD DETERIORATION INDICATES TERMITE DAMAGE. CONSULT A TERMITE CONTROL SPECIALIST AND TREAT THE BUILDING FOR TERMITES AND FUTURE TERMITE INFESTATION.

11. REPLACE FLOOR SHEATHING THROUGHOUT 1ST FLOOR WITH 3/4" APA RATED SHEATHING.







REPUBLIC

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

advantage STRUCTURAL ENGINEERS

1527 Madison Road

513 396 8900

Cincinnati, OH 45206

www.advantageSE.com

B

22146.19 Proj. No.:

PROJECT KEYNOTES:

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 LINTELS. CUT EXISTING JOISTS BACK AND BEAR JOISTS ON NEW BEAM. REMOVED DEBREES FROM EXTERIOR WINDOW WELL OR STAIR, AND FILL WITH CDF. TOP WITH 4" CONCRETE SIDEWALK SLAB.

REMOVE EXISTING DOUBLE JOIST AND PROIVDE NEW (2) 2x12 JOIST. REMOVE EXISTING HEADER. CUT BACK JOIST APPROXIMATELY 1', TO UN-ROTTED SECTION. PROVIDE NEW (2) 2x12 HEADER w/ LUS210-2 HANGER EACH END. HANG EXISTING JOISTS TO HEADER w/ LUS210R-18 HANGERS.

REMOVE EXISTING INFILL AND PROVIDE NEW 2x12 JOISTS AT 16" o.c. w/ LUS28 HANGERS EACH END. NEW PRE-ENGINEERED WOOD STAIR, COORD WITH ARCH.

REMOVE EXISTING WOOD BEAMS AND WALL. PROVIDE NEW 2x4 BEARING WALL, SUPPORTED BY EXISTING SLAB.

7 NEW 2x12 JOISTS AT 16" o.c.

 \langle 8 \rangle NEW 2x8 JOISTS AT 16" o.c. (9) NEW 2x12 SISTER EACH EX JOIST. BEAR ON WOOD BEAM EACH END.

 \langle 10 \rangle NEW 2x12x10' SISTER w/ (4) SWS 4' FROM WALL AND AT END OF SISTER, AND PER PLAN NOTES.

2x12 SISTER, ENDS WITHIN 4" OF WALL EACH END. FASTEN w/ (3) SWS EACH END, AND PER PLAN NOTES. 412 HANG EX HEADER TO NEW BEAMS w/ LUS48 HANGERS EACH END.

(13) EXISTING WOOD WALL BEARS STAIRS AND LANDING. SISTER DETERIOATED JOISTS WITH NEW 2x4 FULL HEIGHT.

 \langle 14 \rangle EXISTING LEDGER. FASTEN TO EACH STUD AND NEW SISTERED STUDS w/ (2) SWS. REPAIR INTERIOR LINTEL BEARING, REPLACED CRACKED MASONRY. REMOVE WOOD FROM JAMB AND REPLACE

WITH NEW MASONRY. EXISTING HEARTH WOOD INFILL. PROVIDE ADDITIONAL 2x6 JOISTS w/ LUS24 EACH END, CENTERED IN INFILL. REMOVE EXISTING INFILL SHEATHING AND PROVIDE NEW APA RATED SHEATHING.

 $\overset{\leftarrow}{\sim}$ NEW FIRE ESCAPE DESIGNED BY FABRICATOR'S SPECILTY ENGINEER. FIRE ESCAPE SHALL BE DESIGNED AND (18) FABRICATED PER CITY OF CINCINNATI "POLICY DIRECTIVE NO. 78." PROVIDE SIGNED AND SEALED SHOP DRAWINGS BY P.E. REGISTERED IN THE STATE OF OHIO.

NEW 1-3/4"x11-1/4" LVL SISTER, END WITHIN 4" OF WALL EACH END. PROVIDE (3) SWS EACH END, AND PER PLAN

20 PROVIDE NEW 1-3/4"x7-1/4" SISTER TO EXISTING HEADER. HANG TO DOUBLE JOIST EACH END w/ LUS46 HANGERS.

CUT EX JOISTS FOR NEW HEADER. ADD NEW 2x8 SISTER AND HANG TO HEADER w/ LUS46 HANGER. SISTER SHALL EXTEND TO WITHIN 4" OF MASONRY WALL.

 \langle 22 \rangle GROUT EXISTING CHIMNEY VOIDS AND FLUES AT FLOOR LEVEL AND 12" BELOW FLOOR.

417 EXISTING SINGLE HEADER CONNECTED TO FLOOR BEAM. ADD SIMPSON L70 ANGLE EACH END.

NEW 2x12 SISTER w/ (4) SWS EACH END AND PER PLAN NOTES. NORTH END OF SISTER SHALL BE WITHIN 4" OF MASONRY WALL. NEW (2) 2x10 HEADER w/ LUS28-2 HANGERS EACH END. CUT EXISTING JOISTS AND HANG TO HEADER w/ LUS28R-18

 \langle 25 \rangle NEW 2x12 SISTER. BEAR ON SOUTH MASONRY WALL AND NEW WOOD BEAM.

REMOVE EXISTING DEPRESSED SIDEWALK SLAB AND INVESTIGATE SOIL BELOW. REMOVE LOOSE SOIL AND FILL

WITH CDF. REPLACE SIDEWALK WITH NEW 4" CONCRETE SLAB.

27 REMOVE INTERIOR WOOD LINTEL AND REPLACE PER TYPICAL DETAIL. 28 NEW 2x10 SISTER. ENDS WITHIN 4" OF WALL EACH END WITH (2) 1/4"x3 1/2" SWS.

29 NEW 2x6 INFILL JOIST WITH LUS24 EACH END.

HANGERS.

REPLACE ROTTED OUTRIGGERS AT GUTTER SUPPORT WITH 2x WITH DEPTH TO MATCH.

PLAN NOTES:

1. COORDINATE ALL DIMENSIONS, DOOR AND WINDOW LOCATIONS WITH ARCHITECTURAL DRAWINGS.

2. REMOVE DAMAGED OR SATURATED SHEATHING AND REPLACE WITH NEW APA RATED SHEATHING. REPLACE DAMAGED, SATURATED OR DETERIORATED JOISTS WITH NEW JOISTS OF THE SAME SIZE.

3. LUMBER AT 1ST FLOOR AND BASEMENT SHALL BE PRESSURE TREATED.

4. WOOD LINTELS AT OPENINGS IN MASONRY WALLS WHERE ROTTED SHALL BE REPLACED WITH A STEEL HSS4x4x3/8 (GALVANIZED) LINTEL AT EACH 4" WYTHE. ALTERNATIVELY USE A 4"x8" PRECAST CONCRETE LINTEL WITH #5 TOP AND BOTTOM EACH 4" WYTHE, OR AN L4x3-1/2x5/16" LINTEL LLV, EACH WYTHE.

5. SEE STRUCTURAL ELEVATION DRAWINGS FOR EXTERIOR BRICK REPAIR AND TUCKPOINTING.

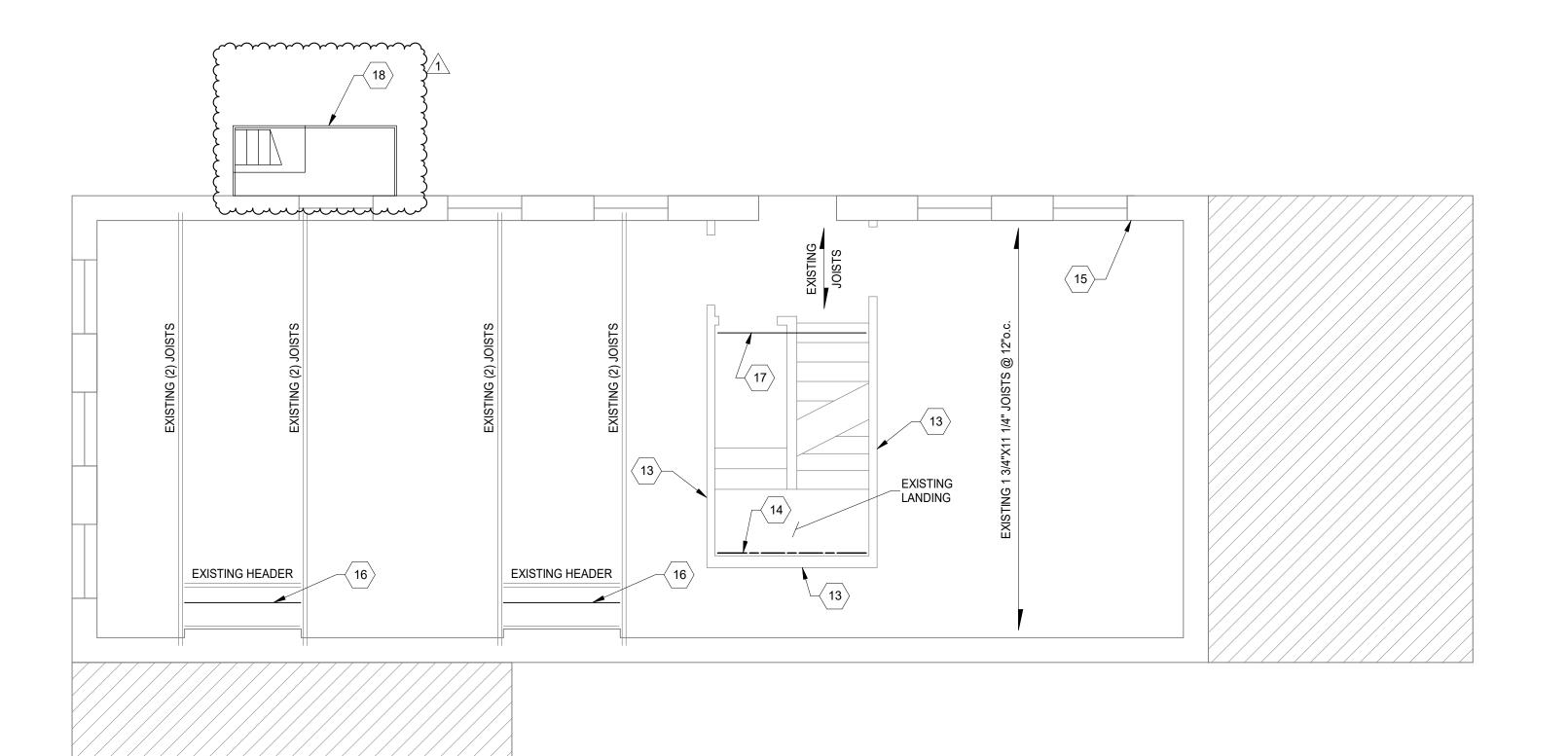
6. REPAIR AND TUCKPOINT INTERIOR MASONRY PER THE GENERAL NOTES.

7. FIELD VERIFY ALL EXISTING CONDITIONS, NOTIFY ADVANTAGE GROUP ENGINEERS OF ANY DESCREPANCIES.

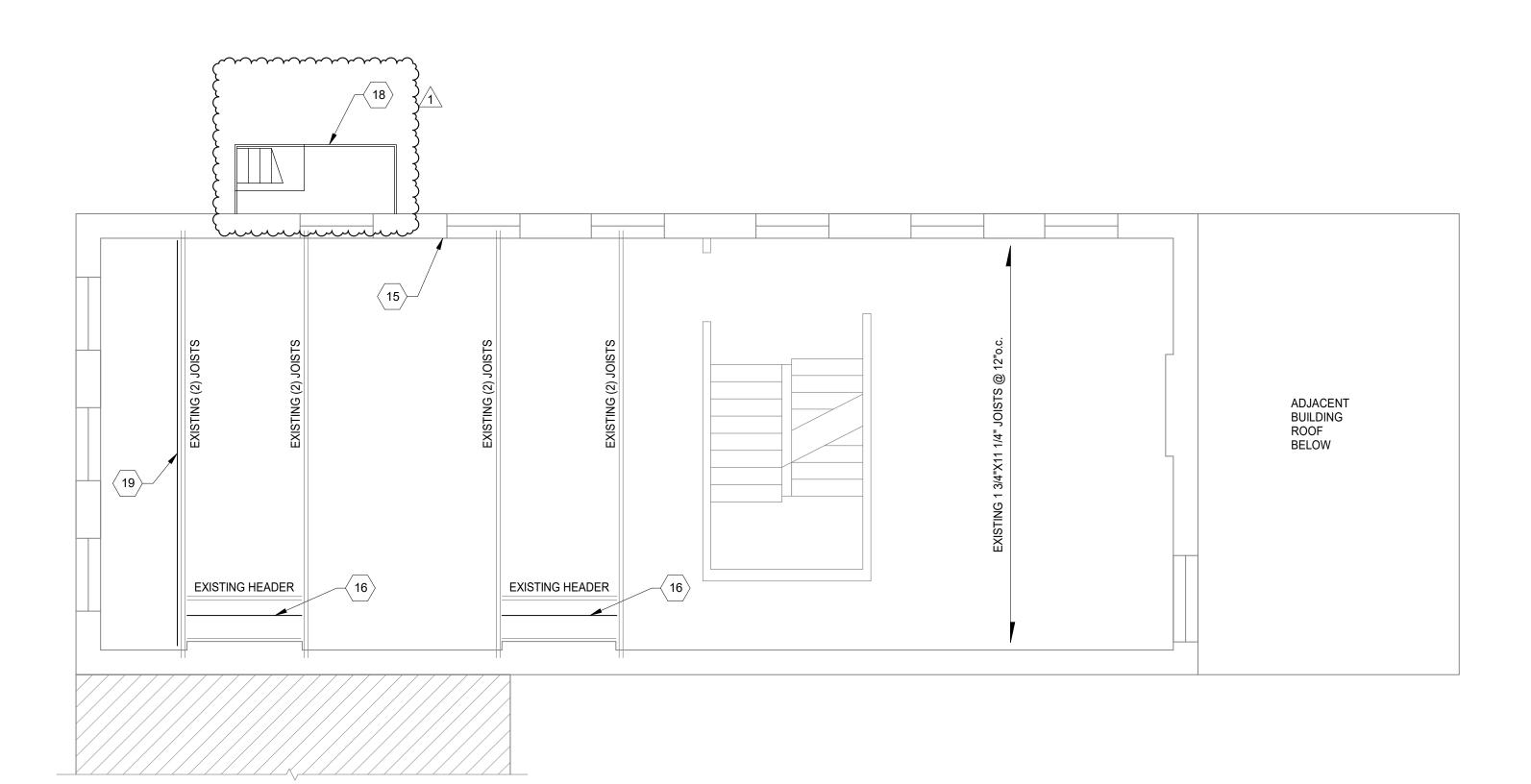
8. SWS = STRUCTURAL WOOD SCREW. ALLOWABLE SCREWS ARE 1/4" SIMPSON SDS, 1/4" SPAX POWERLAGS OR 1/4" FASTEN MASTER LEDGER LOK.

9. FASTEN SISTERS WITH 1/4"x3" SWS @ 24"o.c. STAGGERED UNLESS NOTED OTHERWISE. 10. WOOD DETERIORATION INDICATES TERMITE DAMAGE. CONSULT A TERMITE CONTROL SPECIALIST AND TREAT THE BUILDING FOR TERMITES AND FUTURE TERMITE INFESTATION.

11. REPLACE FLOOR SHEATHING THROUGHOUT 1ST FLOOR WITH 3/4" APA RATED SHEATHING.



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



SCALE 1/4" = 1'-0"

3RD FLOOR FRAMING PLAN

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 LINTELS. CUT EXISTING JOISTS BACK AND BEAR JOISTS ON NEW BEAM. REMOVED DEBREES FROM EXTERIOR WINDOW WELL OR STAIR, AND FILL WITH CDF. TOP WITH 4" CONCRETE SIDEWALK SLAB.

(2) REMOVE EXISTING DOUBLE JOIST AND PROIVDE NEW (2) 2x12 JOIST. REMOVE EXISTING HEADER. CUT BACK JOIST APPROXIMATELY 1', TO UN-ROTTED SECTION. PROVIDE NEW (2) 2x12

HEADER w/ LUS210-2 HANGER EACH END. HANG EXISTING JOISTS TO HEADER w/ LUS210R-18 HANGERS. REMOVE EXISTING INFILL AND PROVIDE NEW 2x12 JOISTS AT 16" o.c. w/ LUS28 HANGERS EACH END.

NEW PRE-ENGINEERED WOOD STAIR, COORD WITH ARCH. \langle 6 \rangle REMOVE EXISTING WOOD BEAMS AND WALL. PROVIDE NEW 2x4 BEARING WALL, SUPPORTED BY EXISTING SLAB.

7 NEW 2x12 JOISTS AT 16" o.c.

 \langle 8 \rangle NEW 2x8 JOISTS AT 16" o.c.

(9) NEW 2x12 SISTER EACH EX JOIST. BEAR ON WOOD BEAM EACH END.

√ 10

NEW 2x12x10' SISTER w/ (4) SWS 4' FROM WALL AND AT END OF SISTER, AND PER PLAN NOTES.

(11) 2x12 SISTER, ENDS WITHIN 4" OF WALL EACH END. FASTEN w/ (3) SWS EACH END, AND PER PLAN NOTES.

412 HANG EX HEADER TO NEW BEAMS w/ LUS48 HANGERS EACH END.

(13) EXISTING WOOD WALL BEARS STAIRS AND LANDING. SISTER DETERIOATED JOISTS WITH NEW 2x4 FULL HEIGHT.

 \langle 14 \rangle EXISTING LEDGER. FASTEN TO EACH STUD AND NEW SISTERED STUDS w/ (2) SWS.

REPAIR INTERIOR LINTEL BEARING, REPLACED CRACKED MASONRY. REMOVE WOOD FROM JAMB AND REPLACE WITH NEW MASONRY.

EXISTING HEARTH WOOD INFILL. PROVIDE ADDITIONAL 2x6 JOISTS w/ LUS24 EACH END, CENTERED IN INFILL. REMOVE EXISTING INFILL SHEATHING AND PROVIDE NEW APA RATED SHEATHING.

(17) EXISTING SINGLE HEADER CONNECTED TO FLOOR BEAM. ADD SIMPSON L70 ANGLE EACH END.

 $\dot{\gamma}\dot{\gamma}$ NEW FIRE ESCAPE DESIGNED BY FABRICATOR'S SPECILTY ENGINEER. FIRE ESCAPE SHALL BE DESIGNED AND (18) FABRICATED PER CITY OF CINCINNATI "POLICY DIRECTIVE NO. 78." PROVIDE SIGNED AND SEALED SHOP DRAWINGS BY P.E. REGISTERED IN THE STATE OF OHIO.

NEW 1-3/4"x11-1/4" LVL SISTER, END WITHIN 4" OF WALL EACH END. PROVIDE (3) SWS EACH END, AND PER PLAN

20 PROVIDE NEW 1-3/4"x7-1/4" SISTER TO EXISTING HEADER. HANG TO DOUBLE JOIST EACH END w/ LUS46 HANGERS.

CUT EX JOISTS FOR NEW HEADER. ADD NEW 2x8 SISTER AND HANG TO HEADER w/ LUS46 HANGER. SISTER SHALL EXTEND TO WITHIN 4" OF MASONRY WALL.

 \langle 22 \rangle GROUT EXISTING CHIMNEY VOIDS AND FLUES AT FLOOR LEVEL AND 12" BELOW FLOOR.

NEW 2x12 SISTER w/ (4) SWS EACH END AND PER PLAN NOTES. NORTH END OF SISTER SHALL BE WITHIN 4" OF MASONRY WALL.

NEW (2) 2x10 HEADER w/ LUS28-2 HANGERS EACH END. CUT EXISTING JOISTS AND HANG TO HEADER w/ LUS28R-18 HANGERS.

 \langle 25 \rangle NEW 2x12 SISTER. BEAR ON SOUTH MASONRY WALL AND NEW WOOD BEAM.

REMOVE EXISTING DEPRESSED SIDEWALK SLAB AND INVESTIGATE SOIL BELOW. REMOVE LOOSE SOIL AND FILL WITH CDF. REPLACE SIDEWALK WITH NEW 4" CONCRETE SLAB.

27 REMOVE INTERIOR WOOD LINTEL AND REPLACE PER TYPICAL DETAIL.

28 NEW 2x10 SISTER. ENDS WITHIN 4" OF WALL EACH END WITH (2) 1/4"x3 1/2" SWS.

29 NEW 2x6 INFILL JOIST WITH LUS24 EACH END.

REPLACE ROTTED OUTRIGGERS AT GUTTER SUPPORT WITH 2x WITH DEPTH TO MATCH.

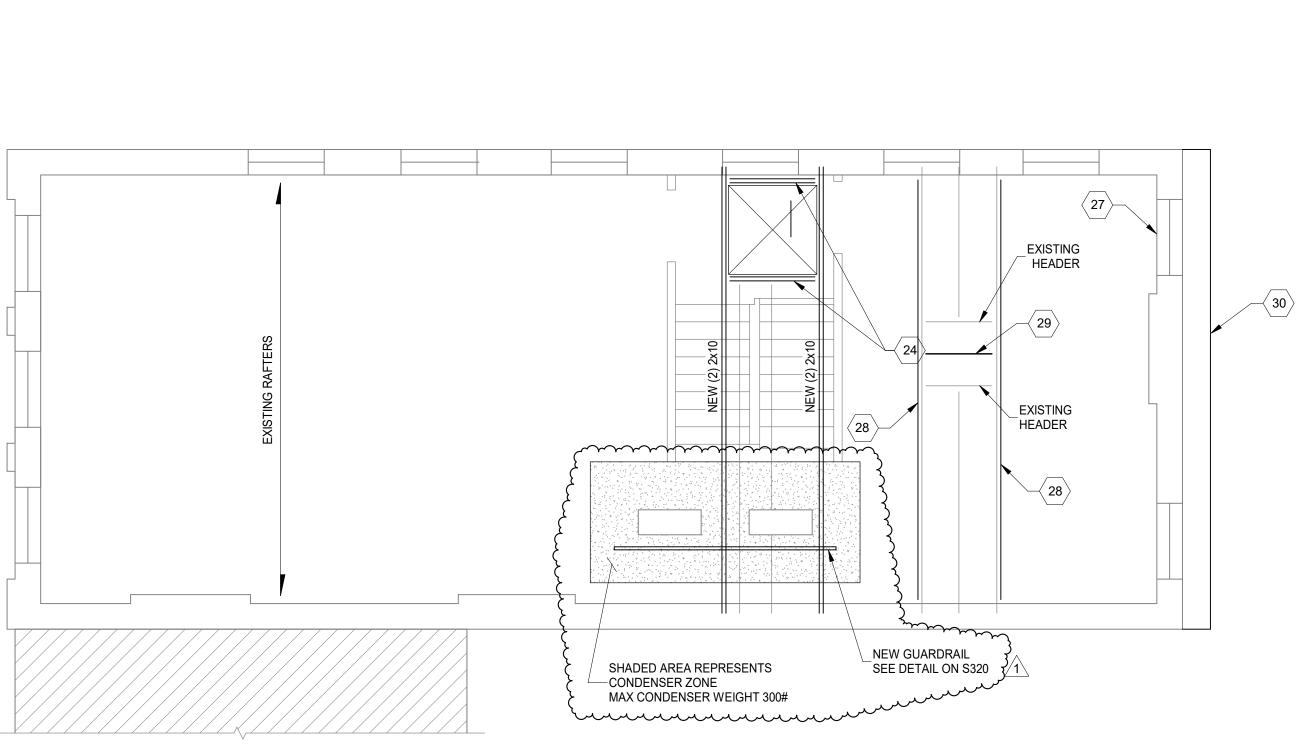
PLAN NOTES:

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.

11. REPLACE FLOOR SHEATHING THROUGHOUT 1ST FLOOR WITH 3/4" APA RATED SHEATHING.



 \cdots

munim



REMOVE EXISTING SHEATHING AND

PROVIDE NEW APA RATED SHEATHING

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

Proj. No.: 22146.19

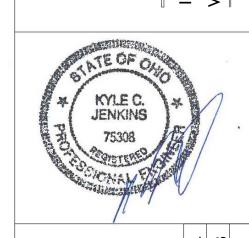
B

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

4. WOOD LINTELS AT OPENINGS IN MASONRY WALLS WHERE ROTTED SHALL BE REPLACED WITH A STEEL HSS4x4x3/8 (GALVANIZED) LINTEL AT EACH 4" WYTHE. ALTERNATIVELY USE A 4"x8" PRECAST CONCRETE LINTEL WITH #5 TOP AND BOTTOM EACH 4" WYTHE, OR AN L4x3-1/2x5/16" LINTEL LLV, EACH WYTHE. 5. SEE STRUCTURAL ELEVATION DRAWINGS FOR EXTERIOR BRICK REPAIR AND TUCKPOINTING. 6. REPAIR AND TUCKPOINT INTERIOR MASONRY PER THE GENERAL NOTES. 7. FIELD VERIFY ALL EXISTING CONDITIONS, NOTIFY ADVANTAGE GROUP ENGINEERS OF ANY DESCREPANCIES. 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. 10. WOOD DETERIORATION INDICATES TERMITE DAMAGE. CONSULT A TERMITE CONTROL SPECIALIST AND TREAT THE BUILDING FOR TERMITES AND FUTURE TERMITE INFESTATION.

- 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.



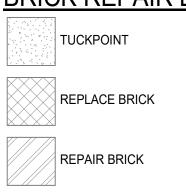


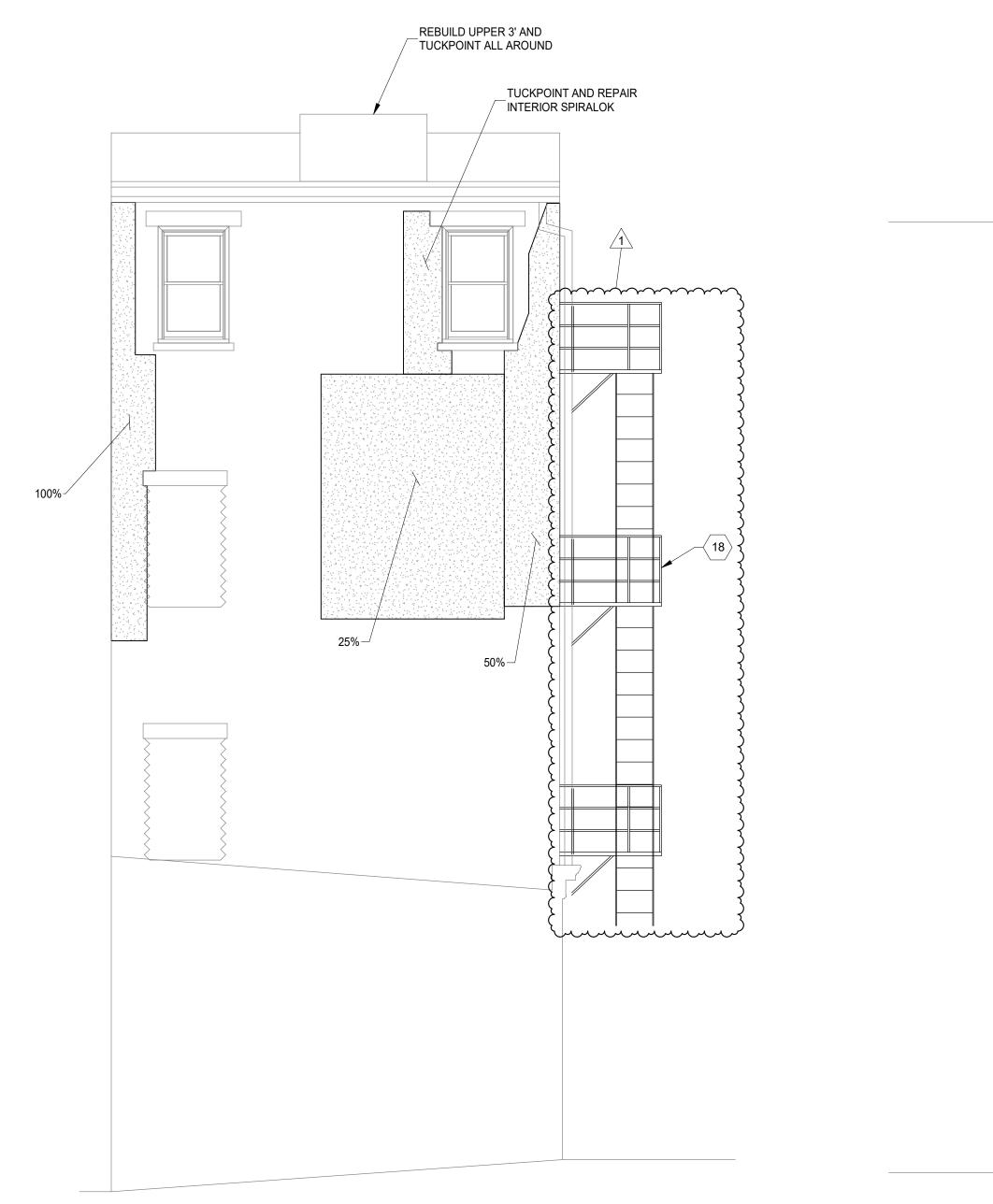
Design Team: KCJ / SJ

Date: 04/28/2023

Proj. No.: 22146.19

BRICK REPAIR LEGEND:





WEST ELEVATION

SCALE 1/4" = 1'-0"

SCALE 1/4" = 1'-0"

100%-

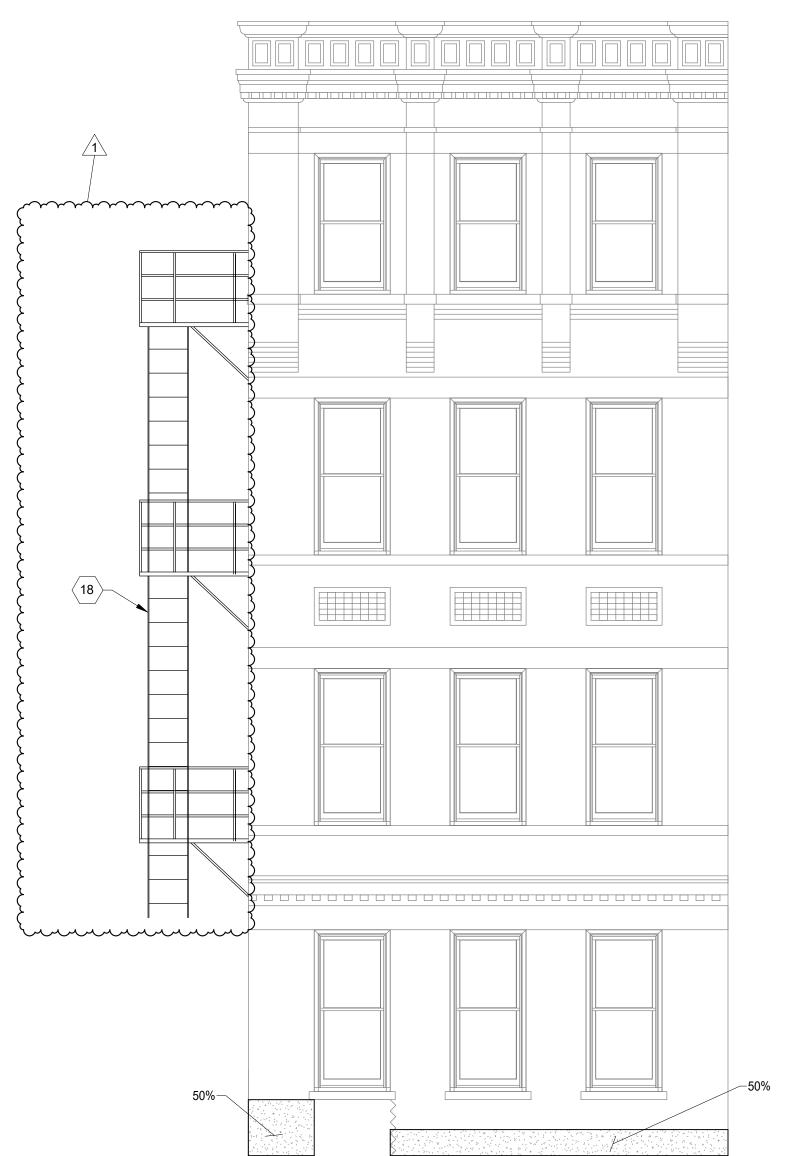
REPUBLIC

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

BRICK REPAIR LEGEND:

TUCKPOINT REPLACE BRICK REPAIR BRICK



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

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

advantage STRUCTURAL ENGINEERS

1527 Madison Road Cincinnati, OH 45206 513 396 8900

www.advantageSE.com

Date: 04/28/2023

Design Team: KCJ / SJ

Proj. No.: 22146.19

1806

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

advantage STRUCTURAL ENGINEERS

1527 Madison Road

513 396 8900

Cincinnati, OH 45206

www.advantageSE.com

KYLE C. JENKINS

Proj. No.: 22146.19

END OF EXISTING **EXISTING** NEW APA RATED SHEATHING SHEATHING -SWS @ 24"o.c. -NEW 2x12 SISTER (2) 2x12 LEDGER WITH 5/8"Ø THREADED ROD AND HILTI HIT-HY 270 ADHESIVE @ 12"o.c. STAGGERED 6" MIN EMBEDMENT

EXISTING STUD WALL WHERE APPLICABLE SHORE AS NEEDED
REPLACE OR FULL HEIGHT NEW APA RATED SHEATHING SISTER DETERIORATED STUDS 2X RIPPED OVERFRAME SLEEPERS —BLOCKING EACH SPACE WHERE APPLICABLE-EXISTING BLOCKING COORD w/ ARCH EXISTING SHEATING NEW APA RATED SHEATHING OR NEW APA RATED
SHEATHING AS NEEDED NEW APA RATED SHEATHING SEE PLAN T/SHEATHING MATCH EXISTING NEW (2) 2x12 RIM BOARD/BEAM
CUT AND LEAVE OUT AT FLOOR HEADER BEARING (3) 10d TOE NAILS ÈÁCH JOIST NEW (2) 2x4 TOP PLATE **EXISTING JOISTS** SISTER PER PLAN —NEW 2x4 STUD @ 16"o.c. NEW OR EXISTING JOIST NEW 2x4 WITH __ (2) 0.131"x3" NAILS @ 16"o.c. SEE PLAN -NEW 2x8 JOIST @ 16"o.c. (3) PT 2x10's CONT BLOCKING BETWEEN STUDS--NEW APA RATED SHEATHING — STAGGER ALL SPLICES WITHIN 16" OF SUPPORTS EACH SIDE OF POST **NEW 2x4 BLOCKING** EACH SIDE OF CRIPPLE SIMPSON 'LPC6Z' POST CAP NEW (2) 2x4 CRIPPLE BELOW HEADER— 2 PER POST NEW 2x4 PT PLATE WITH 1/2"Ø EXPANSION BOLTS @ 48"o.c.— 2" MIN EMBEDMENT —PT 6x6 @ 7'-4" o.c. MAX -NEW (2) 2x12 HEADER **EXISTING** NEW 2x8 LEDGER WITH CONC SLAB (3) 0.131"x3" NAILS EACH STUD SIMPSON ABA66Z POST BASE w/5/8"∅ MIN ANCHOR BOLT w/6" EMBED -8"(MIN) DEEP x 2'-0"x2'-0" CONC FOOTING EXISTING CONC SLAB SEE PLAN

FOUNDATION FOR CONCRETE FOOTING SHALL BEAR ON 2'-0" MIN

EXISTING

MULTIWYTHE-

EXISTING STONE

FOUNDATION WALL

BRICK WALL

FIRM NATIVE SOIL

SCALE 3/4" = 1'-0" \ S310

-EXISTING MASONRY WALL

SCALE 3/4" = 1'-0" \ S310

EXISTING STUD WALL SHORE AS NEEDED

-EXISTING BLOCKING

NEW APA RATED SHEATHING-

NEW 2x4 PT PLATE WITH 1/2"Ø EXPANSION BOLTS @ 48"o.c.—

2" MIN EMBEDMENT

EXISTING

CONC SLAB

NEW JOISTS_

SEE PLAN

REPLACE OR FULL HEIGHT

SISTER DETERIORATED STUDS

-NEW 2x12 CONT RIM BOARD

-APA RATED SHEATHING

─NEW (2) 2x12 HEADER

-NEW (2) 2x4 TOP PLATE

-NEW 2x4 STUD @ 16"o.c.

NEW 2x8 LEDGER WITH

SCALE 3/4" = 1'-0"

(5) 0.131"x3" NAILS EACH STUD

─NEW 2x6 @ 16"o.c.

LUS26 TYP—

STRINGER CONNECTOR

SIMPSON LSCZ

STAIR STRINGER-

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

advantage STRUCTURAL ENGINEERS

1527 Madison Road Cincinnati, OH 45206 513 396 8900

www.advantageSE.com

1 1/2" STD PIPE RAIL w/ POSTS @ 5'-4"o.c. MAX COORD w/ ARCH GALVANIZED COORD FLASHING w/ G.C.

3/8"x5"x5" PLATE WITH

EXISTING
SHEATHING

EXISTING RAFTER

* COORDINATE GUARDRAIL REQUIREMENTS AND LOCATION WITH ARCH * ROOF SLOPE VARIES. COORDINATE WITH EXISTING CONDITIONS

TYPICAL RAILING CONNECTION TO ROOF

SCALE 3/4" = 1'-0"

PIPE FLASHING-

(3) 2x12 FLAT BLOCKING w/ (2)_ SIMPSON ML24Z EACH END

(4) 3/8" GALVANIZED LAG SCREWS 4" MIN PENETRATION INTO (3) 2x12 BLOCKING

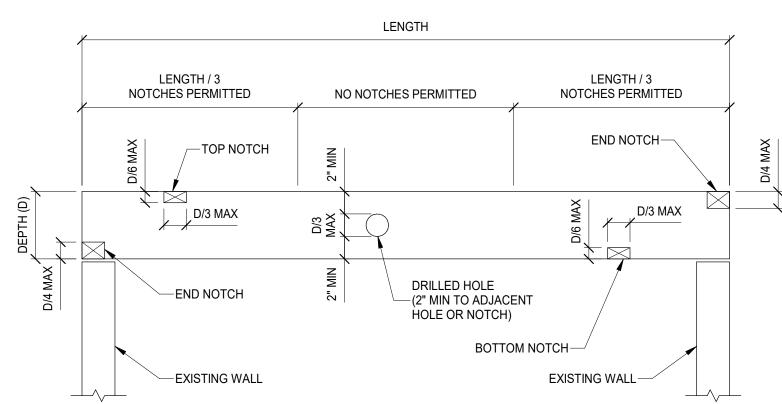
Proj. No.: 22146.19

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

EXISTING MULTI-WYTHE— REPAIR BRICK AS NEEDED **BRICK WALL** -NEW BRICK MASONRY EXISTING STONE __ LINTEL TO REMAIN L4x3 1/2x5/16 LLV GALVANIZED EACH WYTHE 8" MINIMUM BEARING EACH END_ ALTERNATE: USE HSS4x4x1/4 EACH INTERIOR WYTHE UNO ON PLAN * CONTRACTOR TO NOTIFY ENGINEER IF PROPOSED OPENING IS IN A WALL GREATER THAN (3) WYTHES THICK

TYPICAL EXTERIOR WALL, INTERIOR LINTEL REPLACEMENT DETAIL

SCALE 3/4" = 1'-0"



NOTIFY ENGINEER FOR DIRECTION
IF OPENINGS DO NOT MEET THE CRITERIA SHOWN SCALE 3/4" = 1'-0"

ALLOWABLE WOOD JOIST OPENINGS

CALLOUT	DESCRIPTION	FACE SIZE (IN)	INLET SIZE (IN)	MODEL	NOTES
DTG-1	RETURN AIR GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	18x12	16x10	HART AND COOLEY/ 650	BRIGHT WHITE FINISH
DTG-1C	RETURN AIR GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	18x12	16x10	HART AND COOLEY/ 650	BRIGHT WHITE FINISH
DVH-4	28 GAUGE GALVANIZED STEEL. PRE-PAINTED DRYER VENT.	6x7	4Ø	FAMCO DWVP	BACKDRAFT DAMPER/ANGLED HOOD.
EVH-4	28 GAUGE GALVANIZED STEEL. PRE-PAINTED EXHAUST VENT.	6x7	4Ø	FAMCO SDWVP	BACKDRAFT DAMPER/ANGLED HOOD. 1/4 INCH INSECT SCREEN.
EVH-6	28 GAUGE GALVANIZED STEEL. PRE-PAINTED EXHAUST VENT.	8x9	6Ø	FAMCO SDWVP	BACKDRAFT DAMPER/ANGLED HOOD. 1/4 INCH INSECT SCREEN.
IVH-6	28 GAUGE GALVANIZED STEEL. PRE-PAINTED INTAKE VENT.	8x9	6Ø	FAMCO SWVP	ANGLED HOOD.1/4 INCH INSECT SCREEN.
RG-8	RETURN AIR GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	22x16	20x14	HART AND COOLEY/ 650	BRIGHT WHITE FINISH
RG-9C	RETURN AIR GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	26x16	24x14	HART AND COOLEY/ 650	BRIGHT WHITE FINISH
RG-15	RETURN AIR GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	26x14	24x12	HART AND COOLEY/ 650	BRIGHT WHITE FINISH
RR-1	RETURN REGISTER, ALL-STEEL CONSTRUCTION, OPPOSED-BLADE DAMPER	10x6	8x4	HART AND COOLEY/ 92VHV	BRIGHT WHITE FINISH
SDG1W-1	ALUMINUM SINGLE DEFLECTION SPIRAL DIFFUSER	12x5	10x3	HART AND COOLEY/ SV	ADJUSTABLE 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-3	STEEL 1-WAY REGISTER, PLATE DAMPER, 1/3" FIN SPACING	10x8	8x6	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	14x8	12x6	HART AND COOLEY/ 651	ADJUSTABLE PLATE DAMPER, BRIGHT

HART AND COOLEY/ 661

HART AND COOLEY/ 661

HART AND COOLEY/ 661

14x4

16x6

14x8

WHITE FINISH

WHITE FINISH

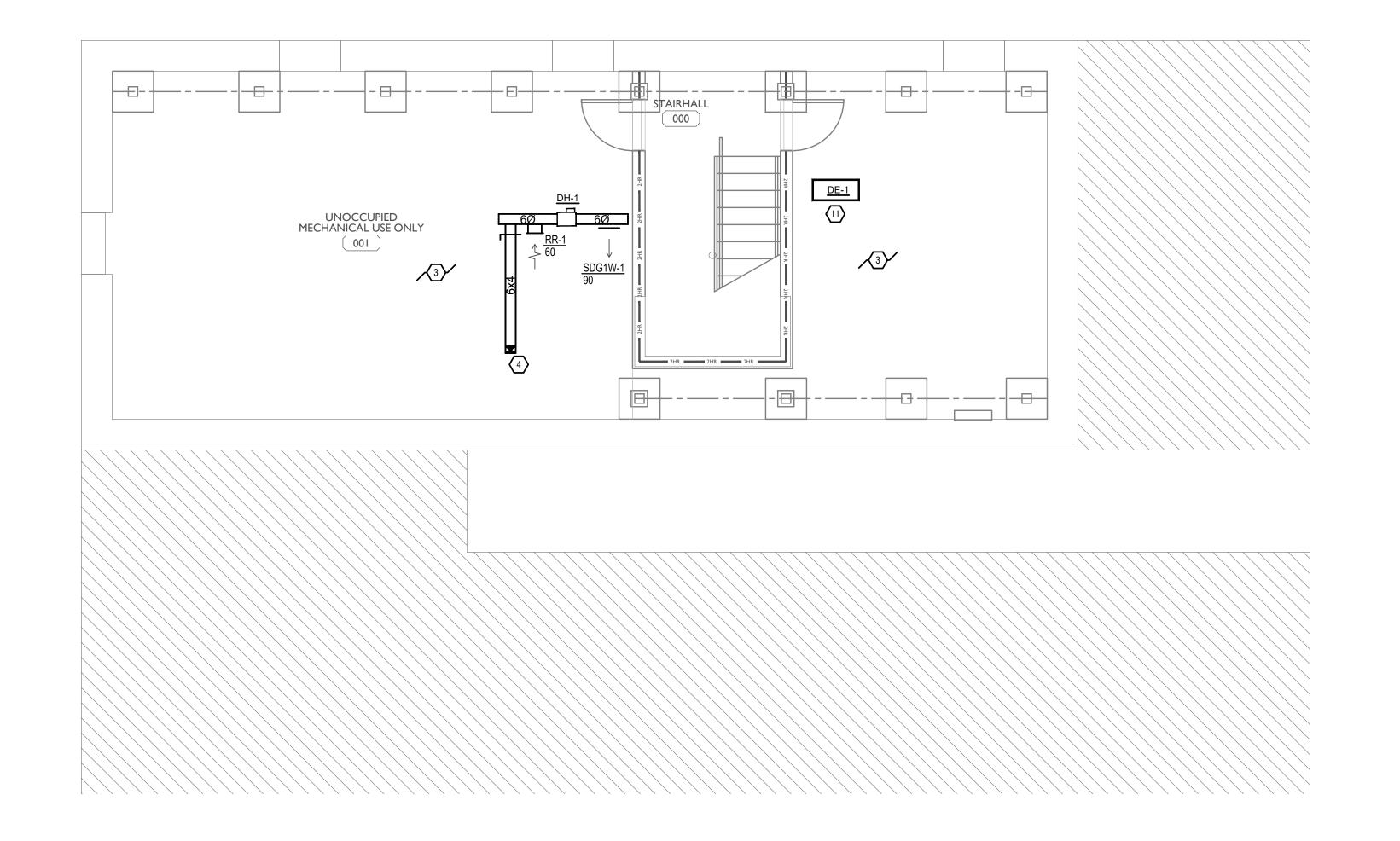
WHITE FINISH

WHITE FINISH

ADJUSTABLE DAMPER IN FACE, BRIGHT

ADJUSTABLE DAMPER IN FACE, BRIGHT

ADJUSTABLE DAMPER IN FACE, BRIGHT



DAMPER, 1/3" FIN SPACING

1/3" FIN SPACING

1/3" FIN SPACING

1/3" FIN SPACING

STEEL 2-WAY REGISTER, MS DAMPER,

STEEL 2-WAY REGISTER, MS DAMPER,

STEEL 2-WAY REGISTER, MS DAMPER,

SR2W-1C

SR2W-3C

SR2W-4C

★ KEYED SHEET NOTES

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

MECHANICAL SCOPE OF WORK

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

HVAC DESIGN CONDITIONS

l	COMMERCIAL		RESIDENTIAL			
l	COOLING OUTDOOR: 93 DB / 75 WB INDOOR: 72	OUTDOOR: 0 DB	COOLING OUTDOOR: 93 DB / 75 WB INDOOR: 75	HEATING OUTDOOR INDOOR: 7		

GENERAL NOTES

DIFFUSER LOCATIONS.

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

C. COORDINATE WITH ELECTRICAL CONTRACTOR FOR POWER CONNECTIONS TO

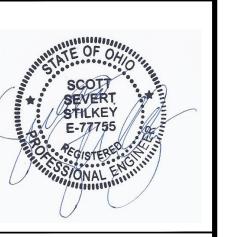
- . INSTALL ALL EQUIPMENT PER MANUFACTURER'S REQUIREMENTS. MAINTAIN ALL CODE RECOMMENDED CLEARANCES FOR ACCESS AND MAINTENANCE.
- REFER TO ARCHITECTURAL PLANS FOR DIMENSIONS, AND FINAL CEILING
- . PROVIDE BACKDRAFT DAMPERS FOR ALL EXHAUST SYSTEMS AND EITHER LOUVER, BRICK VENT, OR CAPS AT ALL EXTERIOR 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 L	EGEND — HVAC
Ŧ	THERMOSTAT
\boxtimes	CEILING DIFFUSER
→	SIDE WALL GRILL
« \-	return wall grill
-	AIR FLOW DIRECTION
14x10	DUCTWORK
\boxtimes	TYPICAL SUPPLY DUCT DN
	TYPICAL RETURN DUCT DN
X	TYPICAL EXHAUST DUCT
(cc	TURNING VANES
	FLEXIBLE DUCT, 8'-0" LONG MAX.
<u>a</u>	TYPICAL ROUND DUCT DN
	ROUND DUCT UP
	MVD MANUAL VOLUME DAMPER
	DROPPED CEILING/SOFFIT



(PLAN REVIEW ONLY)

202 **w**



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

Revisions

Checked By: SSS

Drawn by: RPG



TEAMWORK • COLLABORATION SHARED SUCCESS 515 Monmouth Street, Suite 204 Newport, KY 41071 (859) 261-0585

MEP Consulting Services, Inc. in OH Copyright © 2015 THIS DOCUMENT IS THE PRODUCT AND EXCLUSIVE PROPERTY OF ENGINEERED BUILDING SYSTEMS, IN NEITHER THE DOCUMENT NOR THE INFORMATION SPECIFIC PURPOSE FOR WHICH IT WAS PREPARE

WITHOUT WRITTEN CONSENT OF ENGINEERED BUILDING SYSTEMS, INC.

UBL

806

CONSTRUCTION, 1/3" SPACED FINS AT

CONSTRUCTION, 1/3" SPACED FINS AT

CONSTRUCTION, 1/3" SPACED FINS AT

ALUMINUM SINGLE DEFLECTION SPIRAL | 12x5

RETURN AIR GRILLE, ALL-STEEL

RETURN AIR GRILLE, ALL-STEEL

RETURN REGISTER, ALL-STEEL

STEEL 1-WAY REGISTER, PLATE

STEEL 1-WAY REGISTER, PLATE

STEEL 1-WAY REGISTER, PLATE

STEEL 1-WAY REGISTER, PLATE

STEEL 2-WAY REGISTER, MS DAMPER,

STEEL 2-WAY REGISTER, MS DAMPER,

STEEL 2-WAY REGISTER, MS DAMPER,

DAMPER, 1/3" FIN SPACING

DAMPER, 1/3" FIN SPACING

DAMPER, 1/3" FIN SPACING

DAMPER, 1/3" FIN SPACING

1/3" FIN SPACING

1/3" FIN SPACING

1/3" FIN SPACING

CONSTRUCTION, OPPOSED-BLADE

20 DEGREES

20 DEGREES

20 DEGREES

DIFFUSER

SDG1W-1

SR1W-1C

SR1W-3

SR1W-4

SR1W-5

SR2W-1C

SR2W-3C

SR2W-4C

CALLOUT	DESCRIPTION	FACE SIZE (IN)	INLET SIZE (IN)	MODEL	NOTES
DTG-1	RETURN AIR GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	18x12	16x10	HART AND COOLEY/ 650	BRIGHT WHITE FINISH
DTG-1C	RETURN AIR GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	18x12	16x10	HART AND COOLEY/ 650	BRIGHT WHITE FINISH
DVH-4	28 GAUGE GALVANIZED STEEL. PRE-PAINTED DRYER VENT.	6x7	4Ø	FAMCO DWVP	BACKDRAFT DAMPER/ANGLED HOOD.
EVH-4	28 GAUGE GALVANIZED STEEL. PRE-PAINTED EXHAUST VENT.	6x7	4Ø	FAMCO SDWVP	BACKDRAFT DAMPER/ANGLED HOOD. 1/4 INCH INSECT SCREEN.
EVH-6	28 GAUGE GALVANIZED STEEL. PRE-PAINTED EXHAUST VENT.	8x9	6Ø	FAMCO SDWVP	BACKDRAFT DAMPER/ANGLED HOOD. 1/4 INCH INSECT SCREEN.
IVH-6	28 GAUGE GALVANIZED STEEL. PRE-PAINTED INTAKE VENT.	8x9	6Ø	FAMCO SWVP	ANGLED HOOD.1/4 INCH INSECT SCREEN.
RG-8	RETURN AIR GRILLE, ALL-STEEL	22x16	20x14	HART AND COOLEY/ 650	BRIGHT WHITE FINISH

24x12

8x4

10x3

8x4

8x6

10x6

12x6

6x4

14x4

10x6

10x6

10x8

12x8

14x8

16x6

HART AND COOLEY/ 650

HART AND COOLEY/ 650

HART AND COOLEY/ 92VHV

HART AND COOLEY/ SV

HART AND COOLEY/ 651

HART AND COOLEY/ 651

HART AND COOLEY/ 651

HART AND COOLEY/ 651

HART AND COOLEY/ 661

HART AND COOLEY/ 661

HART AND COOLEY/ 661

BRIGHT WHITE FINISH

BRIGHT WHITE FINISH

BRIGHT WHITE FINISH

ADJUSTABLE DAMPER, BRIGHT WHITE

ADJUSTABLE PLATE DAMPER, BRIGHT

ADJUSTABLE PLATE DAMPER, BRIGHT

ADJUSTABLE PLATE DAMPER, BRIGHT

ADJUSTABLE PLATE DAMPER, BRIGHT

ADJUSTABLE DAMPER IN FACE, BRIGHT

ADJUSTABLE DAMPER IN FACE, BRIGHT

ADJUSTABLE DAMPER IN FACE, BRIGHT

100 I-BEDROOM APARTMENT [101 4 T IVH-6

★ KEYED SHEET NOTES

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

HVAC DESIGN CONDITIONS

COMMERCIAL		RESIDENTIAL			
COOLING		COOLING	HEATING		
OUTDOOR: 93 DB / 75 WB	OUTDOOR: 0 DB	OUTDOOR: 93 DB / 75 WB	OUTDOOR:		
INDOOR: 72	INDOOR: 70	INDOOR: 75	INDOOR: 70		

GENERAL NOTES

- A. FOR FULL SCHEDULES, SPECIFICATIONS, AND COMPLETE LISTING SEE DETAIL
- ALL MECHANICAL EQUIPMENT.
- CODE RECOMMENDED CLEARANCES FOR ACCESS AND MAINTENANCE.
- REFER TO ARCHITECTURAL PLANS FOR DIMENSIONS, AND FINAL CEILING DIFFUSER LOCATIONS.
- 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
- 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.
- 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
- 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
- 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

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



MECHANICAL SCOPE OF WORK (PLAN REVIEW ONLY)

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

- B. COORDINATE ROUTING OF ALL WORK WITH OTHER TRADES.
- C. COORDINATE WITH ELECTRICAL CONTRACTOR FOR POWER CONNECTIONS TO
- . INSTALL ALL EQUIPMENT PER MANUFACTURER'S REQUIREMENTS. MAINTAIN ALL
- PROVIDE BACKDRAFT DAMPERS FOR ALL EXHAUST SYSTEMS AND EITHER

- . MATERIALS WITHIN PLENUMS SHALL BE NONCOMBUSTIBLE OR SHALL BE LISTED
- J.A. EXHAUST DUCTS SHALL HAVE A SMOOTH INTERIOR FINISH AND BE
- PLACE. THE INSERT END OF THE DUCT SHALL EXTEND INTO THE ADJOINING
- 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
- FEET FOR A RADIUS MITERED 90-DEGREE ELBOW.

SYMBOLS LEGEND — HVAC				
Ŧ	THERMOSTAT			
\boxtimes	CEILING DIFFUSER			
→	SIDE WALL GRILL			
- \\-	return wall grill			
-	AIR FLOW DIRECTION			
14x10	DUCTWORK			
	TYPICAL SUPPLY DUCT DN			
	TYPICAL RETURN DUCT DN			
	TYPICAL EXHAUST DUCT			
ردره	TURNING VANES			
\sim	FLEXIBLE DUCT, 8'-0" LONG MAX.			
6	TYPICAL ROUND DUCT DN			
	ROUND DUCT UP			
	MVD MANUAL VOLUME DAMPER			
	DROPPED CEILING/SOFFIT			

Job No: 22042

806

UBL

202 **w**

SEVERT STILKEY

E-77755

Progress Dates

Checked By: SSS

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 EXCLUSIV PROPERTY OF ENGINEERED BUILDING SYSTEMS. IN NEITHER THE DOCUMENT NOR THE INFORMATION SPECIFIC PURPOSE FOR WHICH IT WAS PREPARE WITHOUT WRITTEN CONSENT OF ENGINEERED
BUILDING SYSTEMS, INC.

Drawn by: RPG

05/05/2023 BID P/E/FP

08/30/2024 BID SET 2

DIFFUSER, GRILLE, AND REGISTER SCHEDULE

STEEL 1-WAY REGISTER, PLATE

STEEL 1-WAY REGISTER, PLATE

STEEL 1-WAY REGISTER, PLATE

STEEL 2-WAY REGISTER, MS DAMPER,

STEEL 2-WAY REGISTER, MS DAMPER,

STEEL 2-WAY REGISTER, MS DAMPER,

DAMPER, 1/3" FIN SPACING

DAMPER, 1/3" FIN SPACING

DAMPER, 1/3" FIN SPACING

1/3" FIN SPACING

1/3" FIN SPACING

1/3" FIN SPACING

SR1W-4

SR1W-5

SR2W-1C

SR2W-3C

SR2W-4C

10x8

12x8

14x8

16x6

14x8

8x6

10x6

12x6

6x4

14x4

CALLOUT	DESCRIPTION	FACE SIZE (IN)	INLET SIZE (IN)	MODEL	NOTES
DTG-1	RETURN AIR GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	18x12	16x10	HART AND COOLEY/ 650	BRIGHT WHITE FINISH
DTG-1C	RETURN AIR GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	18x12	16x10	HART AND COOLEY/ 650	BRIGHT WHITE FINISH
DVH-4	28 GAUGE GALVANIZED STEEL. PRE-PAINTED DRYER VENT.	6x7	4Ø	FAMCO DWVP	BACKDRAFT DAMPER/ANGLED HOOD.
EVH-4	28 GAUGE GALVANIZED STEEL. PRE-PAINTED EXHAUST VENT.	6x7	4Ø	FAMCO SDWVP	BACKDRAFT DAMPER/ANGLED HOOD. 1/4 INCH INSECT SCREEN.
EVH-6	28 GAUGE GALVANIZED STEEL. PRE-PAINTED EXHAUST VENT.	8x9	6Ø	FAMCO SDWVP	BACKDRAFT DAMPER/ANGLED HOOD. 1/4 INCH INSECT SCREEN.
IVH-6	28 GAUGE GALVANIZED STEEL. PRE-PAINTED INTAKE VENT.	8x9	6Ø	FAMCO SWVP	ANGLED HOOD.1/4 INCH INSECT SCREEN.
RG-8	RETURN AIR GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	22x16	20x14	HART AND COOLEY/ 650	BRIGHT WHITE FINISH
RG-9C	RETURN AIR GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	26x16	24x14	HART AND COOLEY/ 650	BRIGHT WHITE FINISH
RG-15	RETURN AIR GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	26x14	24x12	HART AND COOLEY/ 650	BRIGHT WHITE FINISH
RR-1	RETURN REGISTER, ALL-STEEL CONSTRUCTION, OPPOSED-BLADE DAMPER	10x6	8x4	HART AND COOLEY/ 92VHV	BRIGHT WHITE FINISH
SDG1W-1	ALUMINUM SINGLE DEFLECTION SPIRAL DIFFUSER	12x5	10x3	HART AND COOLEY/ SV	ADJUSTABLE 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

HART AND COOLEY/ 651

HART AND COOLEY/ 651

HART AND COOLEY/ 651

HART AND COOLEY/ 661

HART AND COOLEY/ 661

HART AND COOLEY/ 661

ADJUSTABLE PLATE DAMPER, BRIGHT

ADJUSTABLE PLATE DAMPER, BRIGHT

ADJUSTABLE PLATE DAMPER, BRIGHT

ADJUSTABLE DAMPER IN FACE, BRIGHT

ADJUSTABLE DAMPER IN FACE, BRIGHT

ADJUSTABLE DAMPER IN FACE, BRIGHT

WHITE FINISH

WHITE FINISH

WHITE FINISH

WHITE FINISH

WHITE FINISH

WHITE FINISH

STAIRHALL 200 SR1W-4 130 10x8 I-BEDROOM **APARTMENT** 201 SR2W-1C

KEYED SHEET NOTES

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

MECHANICAL SCOPE OF WORK (PLAN REVIEW ONLY)

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

HVAC DESIGN CONDITIONS

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

GENERAL NOTES

DIFFUSER LOCATIONS.

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

C. COORDINATE WITH ELECTRICAL CONTRACTOR FOR POWER CONNECTIONS TO

- . INSTALL ALL EQUIPMENT PER MANUFACTURER'S REQUIREMENTS. MAINTAIN ALL CODE RECOMMENDED CLEARANCES FOR ACCESS AND MAINTENANCE.
- REFER TO ARCHITECTURAL PLANS FOR DIMENSIONS, AND FINAL CEILING
- 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.
- . 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 1 INCH INTO THE INSIDE OF THE DUCT. J.E. PROTECTIVE SHIELD PLATES SHALL BE PLACED WHERE NAILS OR SCREWS FROM FINISH OR OTHER WORK ARE LIKELY TO PENETRATE THE CLOTHES DRYER EXHAUST DUCT. SHIELD PLATES SHALL BE PLACED ON THE FINISHED FACE OF ALL FRAMING MEMBERS WHERE THERE IS LESS THAN 1-1/4 INCHES BETWEEN THE DUCT AND THE FINISHED FACE OF THE FRAMING MEMBER SHIELD PLATES SHALL BE CONSTRUCTED OF STEEL, HAVE A THICKNESS OF 0.062 INCHES, AND EXTEND NOT LESS THAN 2 INCHES ABOVE SOLE PLATES
- AND BELOW TOP PLATES. J.F. TRANSITION DUCTS USED TO CONNECT THE DRYER TO THE EXHAUST DUCT SYSTEM SHALL BE A SINGLE LENGTH THAT IS LISTED AND LABELED IN ACCORDANCE WITH UL 2158A. TRANSITION DUCTS SHALL BE NOT GREATER THAN 8 FEET IN LENGTH AND SHALL NOT BE CONCEALED WITHIN CONSTRUCTION.
- J.G. PROVIDE DRYER WALL BOX EQUAL TO DUNDAS JAFINE MODEL DRB4XZW
- NEAR DRYER. J.H. PROVIDE A PERMANENT LABEL OR TAG (EQUAL TO DRYERPLACARD) INDICATING ACTUAL EQUIVALENT LENGTH OF EXHAUST DUCT. LENGTH SHALL INCLUDE 5' FOR 90 . LABEL/TAG MUST BE WITHIN 6' OF DRYER EXHAUST CONNECTION. DRYER EXHAUST DUCT FITTING EQUIVALENT LENGTH SHALL BE 2'-6" FOR A RADIUS MITERED 45-DEGREE ELBOW AND 5 FEET FOR A RADIUS MITERED 90-DEGREE ELBOW.

<u> </u>	
SYMBOLS L	EGEND — HVAC
Ū	THERMOSTAT
\boxtimes	CEILING DIFFUSER
→	SIDE WALL GRILL
-	RETURN WALL GRILL
← √−	AIR FLOW DIRECTION
14x10	DUCTWORK
\square	TYPICAL SUPPLY DUCT DN
	TYPICAL RETURN DUCT DN
X	TYPICAL EXHAUST DUCT
ردره	TURNING VANES
	FLEXIBLE DUCT, 8'-0" LONG MAX.
<u> </u>	TYPICAL ROUND DUCT DN
	ROUND DUCT UP
	MVD MANUAL VOLUME DAMPER
	DROPPED CEILING/SOFFIT



MECHANICAL SPECIFICATIONS FOR ADDITIONAL DETAILS.

SEVERT E-77755

202 **W**

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

Checked By: SSS

Drawn by: RPG



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

Copyright © 2015 THIS DOCUMENT IS THE PRODUCT AND EXCLUSIVE PROPERTY OF ENGINEERED BUILDING SYSTEMS, IN NEITHER THE DOCUMENT NOR THE INFORMATION SPECIFIC PURPOSE FOR WHICH IT WAS PREPARE WITHOUT WRITTEN CONSENT OF ENGINEERED BUILDING SYSTEMS, INC.

UBL

806

DIFFUSER, GRILLE, AND REGISTER SCHEDULE

DAMPER, 1/3" FIN SPACING

DAMPER, 1/3" FIN SPACING

DAMPER, 1/3" FIN SPACING

DAMPER, 1/3" FIN SPACING

1/3" FIN SPACING

1/3" FIN SPACING

1/3" FIN SPACING

STEEL 1-WAY REGISTER, PLATE

STEEL 1-WAY REGISTER, PLATE

STEEL 1-WAY REGISTER, PLATE

STEEL 2-WAY REGISTER, MS DAMPER,

STEEL 2-WAY REGISTER, MS DAMPER,

STEEL 2-WAY REGISTER, MS DAMPER,

SR1W-3

SR1W-4

SR1W-5

SR2W-1C

SR2W-3C

SR2W-4C

CALLOUT	DESCRIPTION	FACE SIZE (IN)	INLET SIZE (IN)	MODEL	NOTES
DTG-1	RETURN AIR GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	18x12	16x10	HART AND COOLEY/ 650	BRIGHT WHITE FINISH
DTG-1C	RETURN AIR GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	18x12	16x10	HART AND COOLEY/ 650	BRIGHT WHITE FINISH
DVH-4	28 GAUGE GALVANIZED STEEL. PRE-PAINTED DRYER VENT.	6x7	4Ø	FAMCO DWVP	BACKDRAFT DAMPER/ANGLED HOOD.
EVH-4	28 GAUGE GALVANIZED STEEL. PRE-PAINTED EXHAUST VENT.	6x7	4Ø	FAMCO SDWVP	BACKDRAFT DAMPER/ANGLED HOOD. 1/4 INCH INSECT SCREEN.
EVH-6	28 GAUGE GALVANIZED STEEL. PRE-PAINTED EXHAUST VENT.	8x9	6Ø	FAMCO SDWVP	BACKDRAFT DAMPER/ANGLED HOOD. 1/4 INCH INSECT SCREEN.
IVH-6	28 GAUGE GALVANIZED STEEL. PRE-PAINTED INTAKE VENT.	8x9	6Ø	FAMCO SWVP	ANGLED HOOD.1/4 INCH INSECT SCREEN.
RG-8	RETURN AIR GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	22x16	20x14	HART AND COOLEY/ 650	BRIGHT WHITE FINISH
RG-9C	RETURN AIR GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	26x16	24x14	HART AND COOLEY/ 650	BRIGHT WHITE FINISH
RG-15	RETURN AIR GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	26x14	24x12	HART AND COOLEY/ 650	BRIGHT WHITE FINISH
RR-1	RETURN REGISTER, ALL-STEEL CONSTRUCTION, OPPOSED-BLADE DAMPER	10x6	8x4	HART AND COOLEY/ 92VHV	BRIGHT WHITE FINISH
SDG1W-1	ALUMINUM SINGLE DEFLECTION SPIRAL DIFFUSER	12x5	10x3	HART AND COOLEY/ SV	ADJUSTABLE DAMPER, BRIGHT WHITE FINISH
SR1W-1C	STEEL 1-WAY REGISTER, PLATE	10x6	8x4	HART AND COOLEY/ 651	ADJUSTABLE PLATE DAMPER, BRIGHT

HART AND COOLEY/ 651

HART AND COOLEY/ 651

HART AND COOLEY/ 651

HART AND COOLEY/ 661

HART AND COOLEY/ 661

HART AND COOLEY/ 661

WHITE FINISH

ADJUSTABLE PLATE DAMPER, BRIGHT

ADJUSTABLE PLATE DAMPER, BRIGHT

ADJUSTABLE PLATE DAMPER, BRIGHT

ADJUSTABLE DAMPER IN FACE, BRIGHT

ADJUSTABLE DAMPER IN FACE, BRIGHT

ADJUSTABLE DAMPER IN FACE, BRIGHT

STAIRHALL (300) ||¦ 10x8 || I-BEDROOM **APARTMENT** 301 SR2W-1C

10x8

12x8

14x8

16x6

14x8

8x6

10x6

12x6

6x4

14x4

KEYED SHEET NOTES

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

MECHANICAL SCOPE OF WORK

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

HVAC DESIGN CONDITIONS

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

GENERAL NOTES

- A. FOR FULL SCHEDULES, SPECIFICATIONS, AND COMPLETE LISTING SEE DETAIL
- B. COORDINATE ROUTING OF ALL WORK WITH OTHER TRADES.
- ALL MECHANICAL EQUIPMENT.). INSTALL ALL EQUIPMENT PER MANUFACTURER'S REQUIREMENTS. MAINTAIN ALL

C. COORDINATE WITH ELECTRICAL CONTRACTOR FOR POWER CONNECTIONS TO

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

SYMBOLS L	EGEND — HVAC
Ū	THERMOSTAT
\boxtimes	CEILING DIFFUSER
→	SIDE WALL GRILL
-	RETURN WALL GRILL
-	AIR FLOW DIRECTION
14x10	DUCTWORK
	TYPICAL SUPPLY DUCT DN
	TYPICAL RETURN DUCT DN
\square	TYPICAL EXHAUST DUCT
(cc	TURNING VANES
	FLEXIBLE DUCT, 8'-0" LONG MAX.
0	TYPICAL ROUND DUCT DN
	ROUND DUCT UP
	MVD MANUAL VOLUME DAMPER
	DROPPED CEILING/SOFFIT



(PLAN REVIEW ONLY)

202 **W**

SEVERT E-77755

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

Revisions

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 THIS DOCUMENT IS THE PRODUCT AND EXCLUSIV PROPERTY OF ENGINEERED BUILDING SYSTEMS, IN NEITHER THE DOCUMENT NOR THE INFORMATION CONTAINS MAY BE USED FOR OTHER THAN THE SPECIFIC PURPOSE FOR WHICH IT WAS PREPARE

WITHOUT WRITTEN CONSENT OF ENGINEERED
BUILDING SYSTEMS, INC.

UBL

806

DIFFUSER, GRILLE, AND REGISTER SCHEDULE

DIFFUSER

STEEL 1-WAY REGISTER, PLATE

STEEL 1-WAY REGISTER, PLATE

STEEL 1-WAY REGISTER, PLATE

STEEL 1-WAY REGISTER, PLATE

STEEL 2-WAY REGISTER, MS DAMPER,

STEEL 2-WAY REGISTER, MS DAMPER,

STEEL 2-WAY REGISTER, MS DAMPER,

DAMPER, 1/3" FIN SPACING

DAMPER, 1/3" FIN SPACING

DAMPER, 1/3" FIN SPACING

DAMPER, 1/3" FIN SPACING

1/3" FIN SPACING

1/3" FIN SPACING

1/3" FIN SPACING

SR1W-1C

SR1W-3

SR1W-4

SR1W-5

SR2W-1C

SR2W-3C

SR2W-4C

CALLOUT	DESCRIPTION	FACE SIZE (IN)	INLET SIZE (IN)	MODEL	NOTES
DTG-1	RETURN AIR GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	18x12	16x10	HART AND COOLEY/ 650	BRIGHT WHITE FINISH
DTG-1C	RETURN AIR GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	18x12	16x10	HART AND COOLEY/ 650	BRIGHT WHITE FINISH
DVH-4	28 GAUGE GALVANIZED STEEL. PRE-PAINTED DRYER VENT.	6x7	4Ø	FAMCO DWVP	BACKDRAFT DAMPER/ANGLED HOOD.
EVH-4	28 GAUGE GALVANIZED STEEL. PRE-PAINTED EXHAUST VENT.	6x7	4Ø	FAMCO SDWVP	BACKDRAFT DAMPER/ANGLED HOOD. 1/4 INCH INSECT SCREEN.
EVH-6	28 GAUGE GALVANIZED STEEL. PRE-PAINTED EXHAUST VENT.	8x9	6Ø	FAMCO SDWVP	BACKDRAFT DAMPER/ANGLED HOOD. 1/4 INCH INSECT SCREEN.
IVH-6	28 GAUGE GALVANIZED STEEL. PRE-PAINTED INTAKE VENT.	8x9	6Ø	FAMCO SWVP	ANGLED HOOD.1/4 INCH INSECT SCREEN.
RG-8	RETURN AIR GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	22x16	20x14	HART AND COOLEY/ 650	BRIGHT WHITE FINISH
RG-9C	RETURN AIR GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	26x16	24x14	HART AND COOLEY/ 650	BRIGHT WHITE FINISH
RG-15	RETURN AIR GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	26x14	24x12	HART AND COOLEY/ 650	BRIGHT WHITE FINISH
RR-1	RETURN REGISTER, ALL-STEEL CONSTRUCTION, OPPOSED-BLADE DAMPER	10x6	8x4	HART AND COOLEY/ 92VHV	BRIGHT WHITE FINISH
SDG1W-1	ALUMINUM SINGLE DEFLECTION SPIRAL	12x5	10x3	HART AND COOLEY/ SV	ADJUSTABLE DAMPER, BRIGHT WHITE

HART AND COOLEY/ 651

HART AND COOLEY/ 651

HART AND COOLEY/ 651

HART AND COOLEY/ 651

HART AND COOLEY/ 661

HART AND COOLEY/ 661

HART AND COOLEY/ 661

FINISH

WHITE FINISH

ADJUSTABLE PLATE DAMPER, BRIGHT

ADJUSTABLE PLATE DAMPER, BRIGHT

ADJUSTABLE PLATE DAMPER, BRIGHT

ADJUSTABLE PLATE DAMPER, BRIGHT

ADJUSTABLE DAMPER IN FACE, BRIGHT

ADJUSTABLE DAMPER IN FACE, BRIGHT

ADJUSTABLE DAMPER IN FACE, BRIGHT

STAIRHALL 400 I-BEDROOM **APARTMENT** 401

10x6

10x8

12x8

14x8

16x6

14x8

8x4

8x6

10x6

12x6

6x4

14x4

KEYED SHEET NOTES

- ROUTE 3/4" CONDENSATE DRAIN LINE TO FLOOR DRAIN IN MECHANICAL CLOSET. SLOPE PIPE A MINIMUM OF 1/8 " PER FOOT AWAY FROM UNIT. ROUTE LINE SET FROM OUTDOOR UNIT TO INDOOR AIR HANDLER. ALL PIPING SHALL BE CONCEALED IN FINISHED AREA. SIZE PER MANUFACTURES
- RECOMMENDATIONS. ALL BASEMENTS SHALL BE VENTILATED AS STORAGE/WAREHOUSE SPACE IN ACCORDANCE WITH TABLE 403.3 OF THE 2017 OHIO MECHANICAL CODE AT A RATE OF 0.06 CFM PER SQUARE FOOT. PROVIDE NEW FAN IN BASEMENT FOR CODE MINIMUM OSA LISTED ABOVE.
- FRESH AIR INTAKE THRU WALL TO WALL CAP. 5. DUCT EXHAUST UP THROUGH ROOF WITH RAIN-PROOF CAP. 6. 4" EXHAUST DUCT TO BE ROUTED DIRECTLY TO ROOF, AS ALLOWED PER
- 717.6.1 EXCEPTION. DUCT MUST BE MINIMUM 26 GA. AND BE CONTAINED WITHIN WALL CAVITY FOR FULL LENGTH. FIRE CAULK AROUND ALL
- PENETRATIONS. REFER TO DETAIL. 7. 6" EXHAUST TO BE ROUTED DIRECTLY TO ROOF, AS ALLOWED PER OBC 714.4.1 FXCEPTION 1.
- 3. UNDERCUT DOOR 1" ABOVE FINISHED FLOOR FOR RETURN/MAKE UP AIR.
- 9. DUCTED RETURN BETWEEN TRANSFER GRILLES TO AVOID EXPOSED WALL
- 10. ROUTE EXHAUST TO EXTERIOR WALL. INSTALL A LOUVERED VENT. SEE ARCHITECT BEFORE PENETRATION FOR EXACT LOCATION AND COLOR COORDINATION. ALL EXHAUST SHALL MEET THE FOLLOWING REQUIREMENTS.
- 10.1. 3' FROM PROPERTY LINE. 10.2. 3' FROM OPERABLE OPENINGS INTO BUILDING.
- 12.3 10' FROM MECHANICAL AIR INTAKE. 11. ROUTE 3/4" CONDENSATE DRAIN LINE TO FLOOR DRAIN IN BASEMENT. SLOPE
- PIPE A MINIMUM OF 1/8 " PER FOOT AWAY FROM UNIT. PROVIDE CONDENSATE PUMP AS REQUIRED. 12. DUCTED RETURN SLEEVE TO AVOID EXPOSED WALL CAVITY.
- 13. ROUTE EXHAUST DUCT UP IN JOIST POCKET. RATING SHALL BE MAINTAINED AROUND JOIST TO PREVENT FIRE DAMPER. REFER TO ARCHITECTURAL PLANS FOR DETAILS. 4. 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 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	<u>RESIDENTIAL</u>	
COOLING OUTDOOR: 93 DB / 75 WB INDOOR: 72	COOLING OUTDOOR: 93 DB / 75 WB INDOOR: 75	HEATING OUTDOOR: INDOOR: 70

GENERAL NOTES

DIFFUSER LOCATIONS.

FLOOR/CEILING.

- 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.
- REFER TO ARCHITECTURAL PLANS FOR DIMENSIONS, AND FINAL CEILING
- 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.
- . 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
\boxtimes	CEILING DIFFUSER
→	SIDE WALL GRILL
- \-	RETURN WALL GRILL
-	AIR FLOW DIRECTION
14x10	DUCTWORK
\boxtimes	TYPICAL SUPPLY DUCT DN
	TYPICAL RETURN DUCT DN
N N	TYPICAL EXHAUST DUCT
ردر	TURNING VANES
$\boxtimes \sim \sim$	FLEXIBLE DUCT, 8'-0" LONG MAX.
<u> </u>	TYPICAL ROUND DUCT DN
	ROUND DUCT UP
	MVD MANUAL VOLUME DAMPER
	DROPPED CEILING/SOFFIT



SEVERT E-77755

202 **W**

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

Revisions

Checked By: SSS Drawn by: RPG



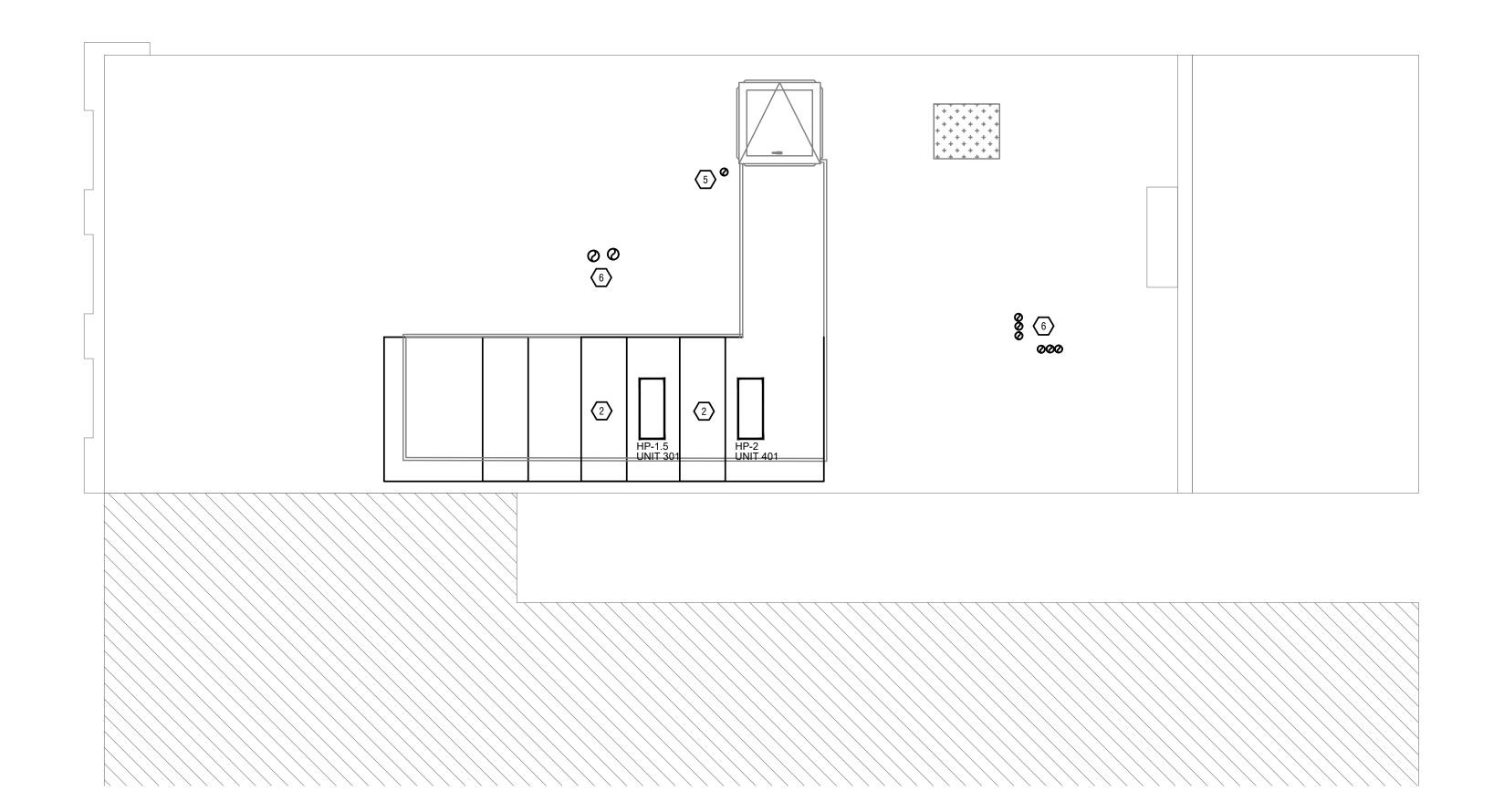
TEAMWORK • COLLABORATION SHARED SUCCESS 515 Monmouth Street, Suite 204 Newport, KY 41071 (859) 261-0585 MEP Consulting Services, Inc. in OH Copyright © 2015

THIS DOCUMENT IS THE PRODUCT AND EXCLUSIVE PROPERTY OF ENGINEERED BUILDING SYSTEMS, IN NEITHER THE DOCUMENT NOR THE INFORMATION CONTAINS MAY BE USED FOR OTHER THAN THE SPECIFIC PURPOSE FOR WHICH IT WAS PREPARE WITHOUT WRITTEN CONSENT OF ENGINEERED BUILDING SYSTEMS, INC.

UBL

806

CALLOUT	DESCRIPTION	FACE SIZE (IN)	INLET SIZE (IN)	MODEL	NOTES
DTG-1	RETURN AIR GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	18x12	16x10	HART AND COOLEY/ 650	BRIGHT WHITE FINISH
DTG-1C	RETURN AIR GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	18x12	16x10	HART AND COOLEY/ 650	BRIGHT WHITE FINISH
DVH-4	28 GAUGE GALVANIZED STEEL. PRE-PAINTED DRYER VENT.	6x7	4Ø	FAMCO DWVP	BACKDRAFT DAMPER/ANGLED HOOD.
EVH-4	28 GAUGE GALVANIZED STEEL. PRE-PAINTED EXHAUST VENT.	6x7	4Ø	FAMCO SDWVP	BACKDRAFT DAMPER/ANGLED HOOD. 1/4 INCH INSECT SCREEN.
EVH-6	28 GAUGE GALVANIZED STEEL. PRE-PAINTED EXHAUST VENT.	8x9	6Ø	FAMCO SDWVP	BACKDRAFT DAMPER/ANGLED HOOD. 1/4 INCH INSECT SCREEN.
IVH-6	28 GAUGE GALVANIZED STEEL. PRE-PAINTED INTAKE VENT.	8x9	6Ø	FAMCO SWVP	ANGLED HOOD.1/4 INCH INSECT SCREEN.
RG-8	RETURN AIR GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	22x16	20x14	HART AND COOLEY/ 650	BRIGHT WHITE FINISH
RG-9C	RETURN AIR GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	26x16	24x14	HART AND COOLEY/ 650	BRIGHT WHITE FINISH
RG-15	RETURN AIR GRILLE, ALL-STEEL CONSTRUCTION, 1/3" SPACED FINS AT 20 DEGREES	26x14	24x12	HART AND COOLEY/ 650	BRIGHT WHITE FINISH
RR-1	RETURN REGISTER, ALL-STEEL CONSTRUCTION, OPPOSED-BLADE DAMPER	10x6	8x4	HART AND COOLEY/ 92VHV	BRIGHT WHITE FINISH
SDG1W-1	ALUMINUM SINGLE DEFLECTION SPIRAL DIFFUSER	12x5	10x3	HART AND COOLEY/ SV	ADJUSTABLE 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-3	STEEL 1-WAY REGISTER, PLATE DAMPER, 1/3" FIN SPACING	10x8	8x6	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



16x6

14x8

14x4

12x6

HART AND COOLEY/ 661

HART AND COOLEY/ 661

ADJUSTABLE DAMPER IN FACE, BRIGHT

ADJUSTABLE DAMPER IN FACE, BRIGHT

WHITE FINISH

WHITE FINISH

SR2W-3C

SR2W-4C

STEEL 2-WAY REGISTER, MS DAMPER,

STEEL 2-WAY REGISTER, MS DAMPER,

1/3" FIN SPACING

1/3" FIN SPACING

★ KEYED SHEET NOTES

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

MECHANICAL SCOPE OF WORK

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

HVAC DESIGN CONDITIONS

COMMERCIAL	•	RESIDENTIAL					
COOLING	HEATING	COOLING	HEATING				
OUTDOOR: 93 DB / 75 WB	OUTDOOR: 0 DB	OUTDOOR: 93 DB / 75 WB	OUTDOOR: 0				
INDOOR: 72	INDOOR: 70	INDOOR: 75	INDOOR: 70				

GENERAL NOTES

FLOOR/CEILING.

A. FOR FULL SCHEDULES, SPECIFICATIONS, AND COMPLETE LISTING SEE DETAIL

C. COORDINATE WITH ELECTRICAL CONTRACTOR FOR POWER CONNECTIONS TO

- B. COORDINATE ROUTING OF ALL WORK WITH OTHER TRADES.
- 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. PROVIDE BACKDRAFT DAMPERS FOR ALL EXHAUST SYSTEMS AND EITHER
- 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

LOUVER, BRICK VENT, OR CAPS AT ALL EXTERIOR BUILDING PENETRATIONS.

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 0.062 INCHES, AND EXTEND NOT LESS THAN 2 INCHES ABOVE SOLE PLATES
- AND BELOW TOP PLATES. J.F. TRANSITION DUCTS USED TO CONNECT THE DRYER TO THE EXHAUST DUCT SYSTEM SHALL BE A SINGLE LENGTH THAT IS LISTED AND LABELED IN ACCORDANCE WITH UL 2158A. TRANSITION DUCTS SHALL BE NOT GREATER THAN 8 FEET IN LENGTH AND SHALL NOT BE CONCEALED WITHIN CONSTRUCTION.
- J.G. PROVIDE DRYER WALL BOX EQUAL TO DUNDAS JAFINE MODEL DRB4XZW
- NEAR DRYER. J.H. PROVIDE A PERMANENT LABEL OR TAG (EQUAL TO DRYERPLACARD) INDICATING ACTUAL EQUIVALENT LENGTH OF EXHAUST DUCT. LENGTH SHALL INCLUDE 5' FOR 90 . LABEL/TAG MUST BE WITHIN 6' OF DRYER EXHAUST CONNECTION. DRYER EXHAUST DUCT FITTING EQUIVALENT LENGTH SHALL BE 2'-6" FOR A RADIUS MITERED 45-DEGREE ELBOW AND 5 FEET FOR A RADIUS MITERED 90-DEGREE ELBOW.

SYMBOLS LI	EGEND — HVAC
T	THERMOSTAT
\boxtimes	CEILING DIFFUSER
→	SIDE WALL GRILL
* \-	return wall grill
-	AIR FLOW DIRECTION
14x10	DUCTWORK
	TYPICAL SUPPLY DUCT DN
	TYPICAL RETURN DUCT DN
\square	TYPICAL EXHAUST DUCT
[i] X X	TURNING VANES
	FLEXIBLE DUCT, 8'-0" LONG MAX.
<u> </u>	TYPICAL ROUND DUCT DN
	ROUND DUCT UP
	MVD MANUAL VOLUME DAMPER
	DROPPED CEILING/SOFFIT



(PLAN REVIEW ONLY)

SEVERT E-77755

202 W

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

Revisions

Checked By: SSS

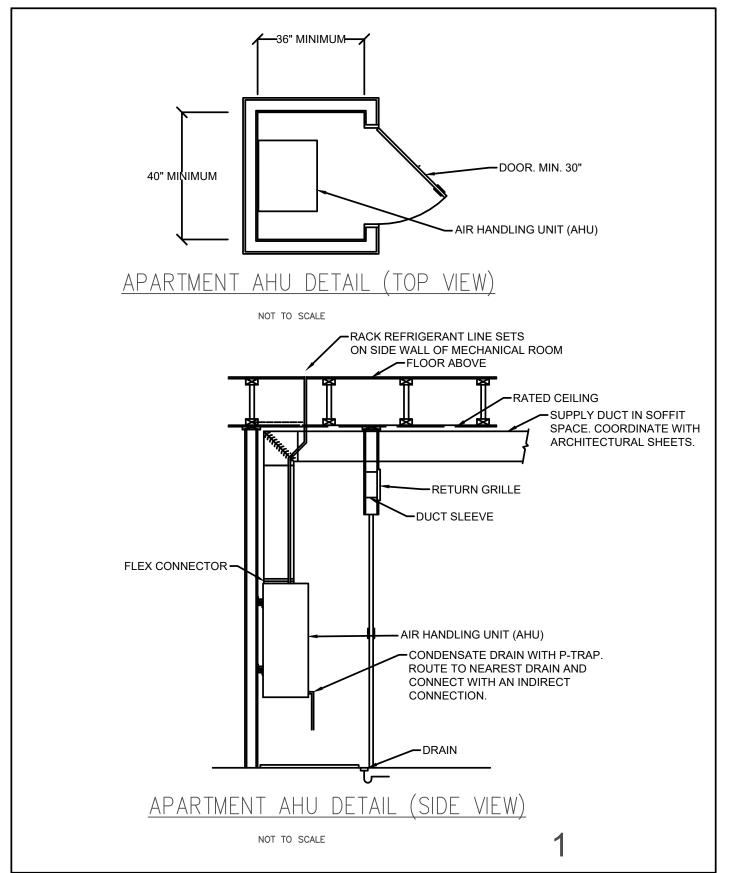


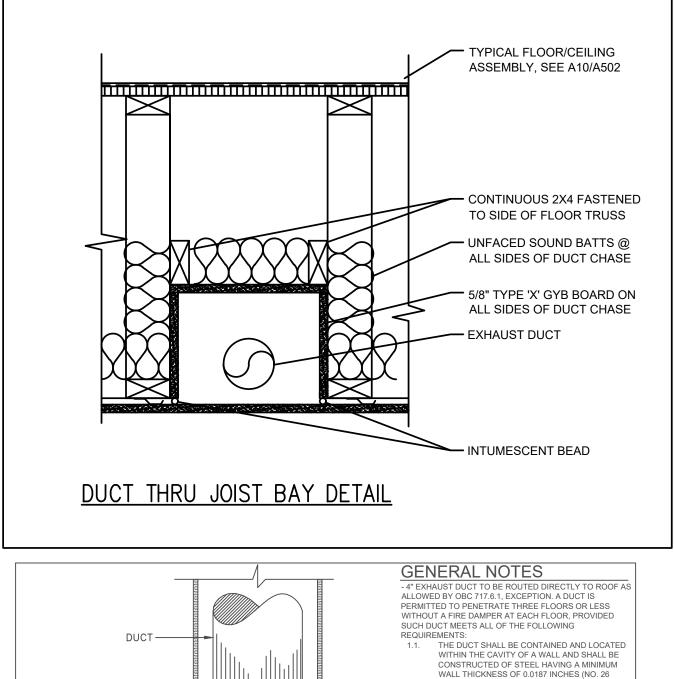
TEAMWORK • COLLABORATION SHARED SUCCESS 515 Monmouth Street, Suite 204 Newport, KY 41071 (859) 261-0585

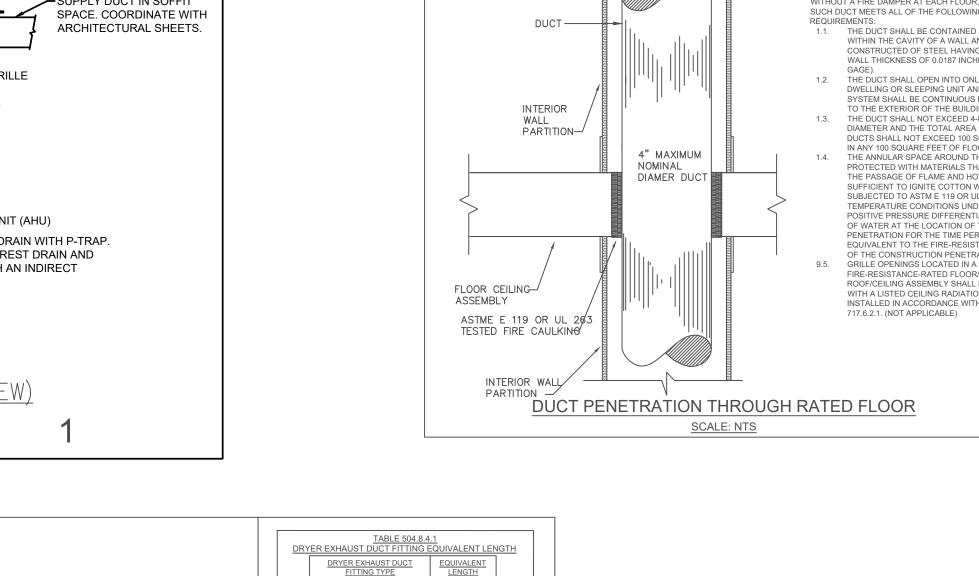
MEP Consulting Services, Inc. in OH Copyright © 2015 THIS DOCUMENT IS THE PRODUCT AND EXCLUSIVE PROPERTY OF ENGINEERED BUILDING SYSTEMS, INC NEITHER THE DOCUMENT NOR THE INFORMATION IT CONTAINS MAY BE USED FOR OTHER THAN THE SPECIFIC PURPOSE FOR WHICH IT WAS PREPARED WITHOUT WRITTEN CONSENT OF ENGINEERED BUILDING SYSTEMS, INC.

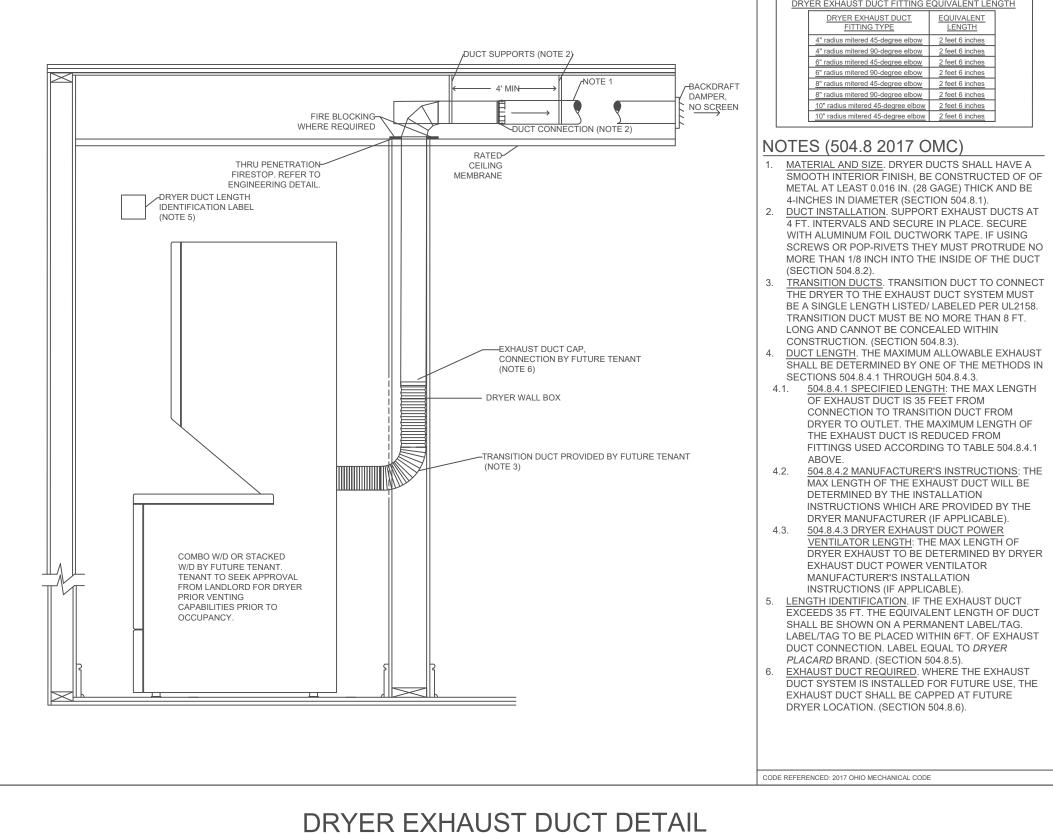
UBL

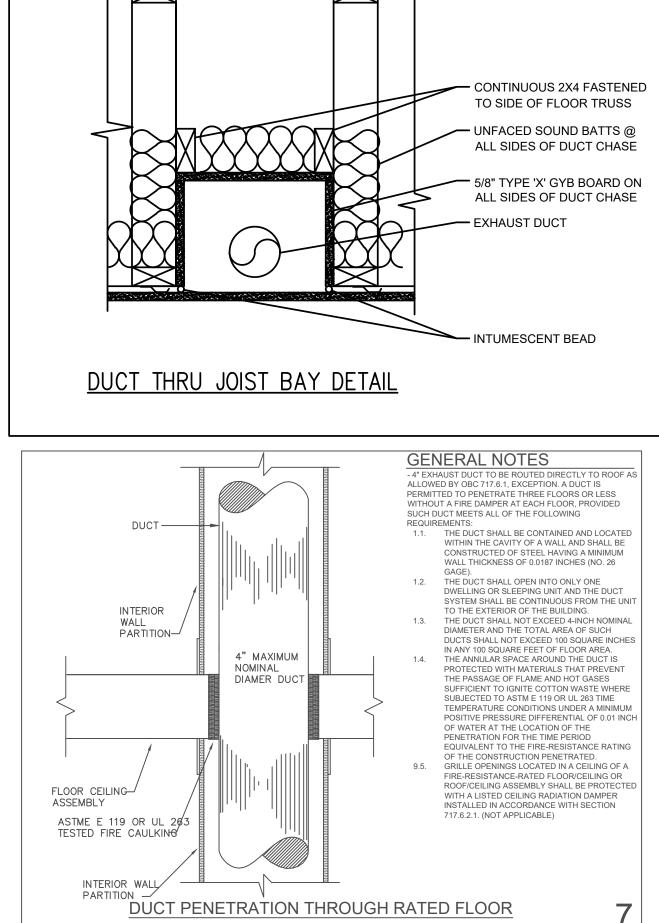
806

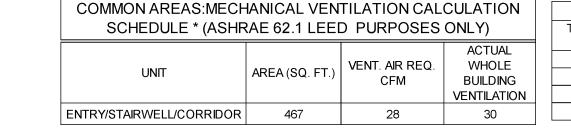












ВА	THROOM FAN SPEED	SETTING SCH	EDULE	
TYPICAL	ROOMNAME	MINIMUM SPEED	MAXIMUM SPEED	
UNIT	ROOMNAME	SETTING	SETTING	
101	BATHROOM	30	80	
201	BATHROOM	30	80	
301	BATHROOM	30	80	
401	BATHROOM	30	80	

RESIDENTIAL UNITS: MECHANICAL VENTILATION CALCULATION SCHEDULE * (ASHRAE 62.2 LEED PURPOSES ONLY)

SCHEDULE (ASHRAE 02.2 LEED PURPOSES UNLT)										
		NUMBER		ACTUAL						
UNIT	AREA (SQ.	OF	VENT. AIR REQ.	WHOLE						
ONT	FT.)	BEDROOM	Qfan (Eq. 4.1a)	BUILDING						
		S		VENTILATION						
101	676	1	22	30						
201	676	1	22	30						
301	676	1	22	30						
401	676	1	22	30						
	•									

	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-0511VKS2	DIRECT	30-80	0.25	17	1131	115/60/1	CEILING	12	1,2,3,4
E-2	EXHAUST	STAIRWELL	PANASONIC	FV-0511VKS2	DIRECT	30	0.25	17	1131	115/60/1	CEILING	12	2,3,4,5
4 544101	LIALL DUNLOCKITINU	2110124 AT 1 0244	ODEED (00 OEM) A	UD OLIALL DANA	5 UD TO U	IOLLOPEED (OC.O.	- 8 40 3 4 7 1 1 1 1	LOVETOL	LIO TLIDA	IED ON DOO	//DE ALL DEL	E) /A NIE	

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

2. INSTALL RADIATION DAMPER PC-RD05C5

3. PROVIDE FV-CSVK1 CONDESNSATION SENSOR

4. REFER TO FAN SPEED SCHEDULE FOR FAN SPEED SETTINGS

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

						FIXT	JRES		TOTAL	TOTAL
ROOM NUMBER/UNIT TYPICAL	ROOMNAME	OCCUPANCY CLASSIFICATION	AREA (ft2)	EXHAUST AIRFLOW RATE (CFWft2)	EXHAUST RATE PER FIXTURE (CFM)	LOWER CONTINUOUS RATE?	HIGHER INTERMITTENT RATE?	QTY. OF FIXTURES	EXHAUST	EXHAUST AIRFLOW ACT. (CFM)
	BATHROOM	PRIVATE DWELLING - TOILET ROOMS	-	-	30/80	YES	NO	1	30	30

*E	XHA	AUST CALCUL	LATIONS PER	OMC 2017 TABLE 403									
	DUCT INSULATION SCHEDULE												
	AIR DISTRIBUTION TYPE												
		SA	RA	ADDITIONAL NOTES									
EQUIPMENT	AHU-A-1.5	R-3.5	N/A	-									
E	AHU-A-2	R-3.5	N/A	-									
DU	СТ	INSULATION F	REQUIREMEN	NTS 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-

PANELS AND DOORS.

CONTROL DEVICES, FACTORY-INSULATED ACCESS

WINDOW UNOBSTRUCED 4% OF UNIT **ROOM NAME** AREA OPENABLE OPENABLE OPENABLE FLOOR AREA FLOOR AREA OPENING AREA [SQ. FT] AREA [SQ. FT] N/A BEDROOM N/A LIVING BEDROOM N/A LIVING N/A N/A BEDROOM N/A N/A LIVING N/A BEDROOM

NATURAL VENTILATION SCHEDULE

1806 REPUBLIC

NATURAL VENTILATION CALCULATIONS PER SEC 402.1 OF 2017 OMC

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 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. ENERGY STAR RATED. 2. DEHUMIDICATION COLTROL

3. CORD AND PLUG CONNECTION.

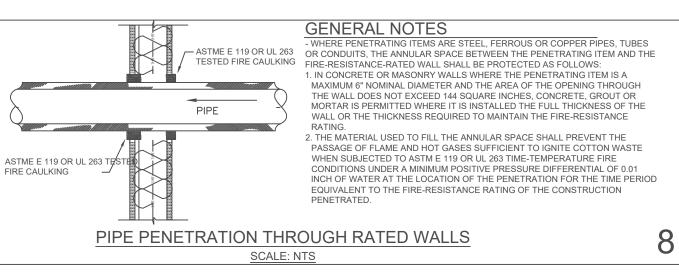
4. PROVIDE LOW PROFILE CONDENSATE PUMP

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

2. INTEGRAL THERMOSTAT 3. DUCT STAT INCLUDED

4. REPLACEABLE FILTER INCLUDED

									APARTME	NT SPLI	T SYST	EM SCH	EDULE										
Syste m	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	1		in wg.	cfm	Btuh	Btuh			kW	kW	Btuh	Btuh		Amps	Amps	lb
1.5 Ton 10KW	HP-1.5	DLCSRBH18AAK	208/230	1	16	25	101	AHU-A-1.5 (10KW)	FMA4X1800AL	0.50	650	18000	12690	17	11.8	10	7.2	19,200	15,000	11	47.6	60	103
2 Ton 10KW	HP-2	DLCSRBH24AAK	208/230	1	25	35	135	AHU-A-2 (10KW)	FMA4X2400AL	0.50	763	21800	18110	15	11.5	10	7.2	26,200	16,000	10	47.6	60	103



**Requires Piping Adaptor Kit 1174192 and 24V interface KSAIC0401230

05 **₹**

SEVERT STILKEY E-77755

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

Checked By: SSS Drawn by: RPG



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 CONTAINS MAY BE USED FOR OTHER THAN THE SPECIFIC PURPOSE FOR WHICH IT WAS PREPARED WITHOUT WRITTEN CONSENT OF ENGINEERED BUILDING SYSTEMS, INC.

 $\mathbf{\Omega}$ Щ ~ CINCINN, FINDLAY

Job No: 22042 8/10/2022

80

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

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

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.

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.

 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 ductwork

23. Flexible Connections

a. Furnish and install neoprene flexible duct connections at the inlet and discharge of units and fans.

24. Duct Manual Volume Dampers

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

25. Duct Access Doors

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

26. Diffusers, Grilles and Registers

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

27. Exhaust Fan

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

28. Ducted Split Systems

 Split systems shall consist of high efficient air handling unit and associated heat pump. Equipment shall have manufacturer's standard warranty.

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

29. Condensate Drain Piping

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

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

30. Piping Supports (Metal Pipe)

A Furnish and install hot-dip

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

31. Piping Supports (Plastic Pipe)

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

32. Temperature Controls and Control Wiring

A. The mechanical contractor shall provide all control wiring necessary for the complete and proper operating temperature control system. Programmable thermostats shall be provided with equipment packages unless otherwise noted.

B.Exposed wiring: All wiring exposed to the space shall be run in conduit. Coordinate requirements with architectural drawings.

33. Commissioning

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

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

covered.

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

without notifying ZHCx the responsible contractor is required to perform another start up in the presence of ZHCx.

d. ZHCx will conduct functional performance testing on all HVAC equipment. Any findings will be reported to 3CDC, project architect, mechanical contractor, and the engineer of record. The responsible party is required to document the correction so that ZHCx can verify the correction has been made. ZHCx will perform one back check of the correction to ensure it has been implemented in its entirety.

34. Sequence of Operation

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

Exhaust Fans

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

Split SystemsAHU/HP-2:

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

Cooling mode - when the thermostat calls for cooling the heat pump unit shall run in cooling mode, the air handler fan shall run, and the dx cooling coil shall cool the air to maintain temperature setpoint.
AHU/HP-1.5:

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

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

•DEH-1

•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 dehumidifier shall shut off.

THE Hoesign

2 W. ELDER STREET 4TH FLOOR www.plattedesign.com t: 513.87

SCOTT SEVERT STHLKEY E-77755 COISTERE

Progress Dates

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

Revisions

Checked By: SSS

Drawn by: RPG



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

THIS DOCUMENT IS THE PRODUCT AND EXCLUSIVE PROPERTY OF ENGINEERED BUILDING SYSTEMS, IN NEITHER THE DOCUMENT NOR THE INFORMATION I CONTAINS MAY BE USED FOR OTHER THAN THE SPECIFIC PURPOSE FOR WHICH IT WAS PREPARED WITHOUT WRITTEN CONSENT OF ENGINEERED BUILDING SYSTEMS, INC.

N FOR EPUBLIC ST.

ENOVATION STATEMENT OF THE STATEMENT OF

Job No: 22042 8/10/2022

M2.0

- 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 | GENERAL NOTES-OVERALL PROJECT 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.
- 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.
- 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

MECHANICAL EQUIPMENT PROVIDED BY MECHANICAL CONTRACTOR, WIRED BY ELECTRICAL CONTRACTOR. VERIFY ELECTRICAL REQUIREMENTS WITH

2. PLUMBING EQUIPMENT PROVIDED BY PLUMBING CONTRACTOR, WIRED BY

ELECTRICAL CONTRACTOR. VERIFY ELECTRICAL REQUIREMENTS WITH

3. COORDINATE TV RECEPTACLE AND DATA LOCATIONS WITH OWNER AND

5. PROVIDE HARD-WIRED SMOKE DETECTORS WITH BATTERY BACK-UP AS

6. DISHWASHER MUST BE GFCI PROTECTED PER NEC 210.8(D) RECEPTACLE

7. MICROWAVE RECEPTACLE LOCATED IN CABINET ABOVE, COORDINATE

LOCATION WITH GENERAL CONTRACTOR PRIOR TO ROUGH-IN.

FLOW SWITCH. COORDINATE LOCATION WITH FIRE PROTECTION

9. CORRIDOR LIGHTS TO BE CONTROLLED BY OCCUPANCY SENSOR UNLESS

11. EXTERIOR LIGHTING ON PHOTOCELL. CONFIRM LOCATION OF PHOTOCELL

13. COORDINATE LOCATION AND REQUIREMENTS OF BUILDING CALL BOX, 2N

12. UNIT WIRED TO TYPICAL "1B1" REFER TO PANEL SCHEDULE FOR LOAD DATA.

INTERCOM SYSTEM, WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN.

COORDINATE LOCATION WITH PLUMBING CONTRACTOR. PRIOR TO ROUGH-IN

16. LOCATION OF FUTURE RADON, PROVIDE JUNCTION BOX FOR FUTURE RADON

17. MECHANICAL UNITS SHOWN FOR CIRCUITRY REFERENCE ONLY. REFER TO

1807 VINE STREET PERMIT FOR LOCATION OF MECHANICAL UNITS.

DEVICE WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN.

14. INSTALL FIOPTIC 4-GANG AND QUAD OUTLET IN CABINET ABOVE

15. HOT WATER CIRCULATION PUMP HARDWIRED CIRCUIT CONNECTION.

REQUIRED. ONE SMOKE DETECTOR IN EACH UNIT MUST BE A SMOKE/CO

8. PROVIDE 120 VOLT DEDICATED CIRCUIT FOR SPRINKLER RISER TAMPER AND

10. LOCATION OF BUILDING UTILITY DATA DEMARC. PROVIDE A 4'X4'X3 PLYWOOD

BACKBOARD FOR DATA/PHONE UTILITIES. COORDINATE ALL REQUIREMENTS

WITH OWNER, ARCHITECT, AND ALTA FIBER PRIOR TO ROUGH-IN. PROVIDE

4. PROVIDE SWITCH AND CONNECTION FOR CONTINUOUSLY RUNNING 2-SPEED BATHROOM FAN. VERIFY REQUIREMENTS WITH MECHANICAL CONTRACTOR

KEYED SHEET NOTES

ARCHITECT PRIOR TO ROUGH-IN.

PRIOR TO ROUGH-IN.

MECHANICAL REQUIREMENTS PRIOR TO ROUGH-IN.

PLUMBING REQUIREMENTS PRIOR TO ROUGH-IN.

SHALL BE LOCATED IN AN ACCESSIBLE LOCATION.

DEDICATED QUAD RECEPTACLE AS SHOWN.

FAN, FAN NOT TO BE INSTALLED AT THIS TIME.

SEE UNIT 101 FOR CIRCUITRY LAYOUT.

REFRIGERATOR AS SHOWN.

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.

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

GENERAL NOTES-LIGHTING

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

F. WHERE APPLICABLE, PROVIDE TOGGLE STYLE LIGHT SWITCHES.

- A. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL CONDUIT/CABLE
- SIZE REQUIRED BY NEC. C. PROVIDE MOTOR STARTERS FOR EQUIPMENT AS INDICATED ON DRAWINGS. COORDINATE ANY INTERLOCKING WIRING WITH HVAC CONTRACTOR AND
- E. ROOF MOUNTED AND OUTDOOR EQUIPMENT SHALL HAVE 120V RECEPTACLE MOUNTED WITHIN 25' OF EACH PIECE. RECEPTACLES SHALL BE IN WEATHER
- 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
- ELECTRICAL RECEPTACLES ON OPPOSITE SIDES OF A WALL ARE TO BE SPACED SO THAT THEIR ELECTRICAL BOX ARE A MINIMUM OF ONE STUD

GENERAL NOTES-POWER

- 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
- 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
- PROOF BOX AND HAVE GFCI PROTECTION.
- 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.
- 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 COUNTER HEIGHT DEVICES 2 SWITCHES ... **DEVICES** EXPOSED CONDUITS FOR RECEPTACLES TO BE ROUTED FROM BELOW

STANDARD MOUNTING HEIGHTS



Progress Dates

Revisions

Checked By: PRS

ENGINEERED

COLLABORATION

SHARED SUCCESS

515 Monmouth Street, Suite 204

Newport, KY 41071 (859) 261-0585

MEP Consulting Services, Inc. in OH Copyright © 2015

THIS DOCUMENT IS THE PRODUCT AND EXCLUSIV

NEITHER THE DOCUMENT NOR THE INFORMATION SPECIFIC PURPOSE FOR WHICH IT WAS PREPARE WITHOUT WRITTEN CONSENT OF ENGINEERED BUILDING SYSTEMS, INC.

UBL

806

8/10/2022

Job No: 22042

Drawn by: AJW

TEAMWORK

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

- 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.
- 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 SWITCHING.
- C. LIGHT FIXTURES CONTROLLED BY SWITCH IN SAME ROOM UNLESS OTHERWISE NOTED.
- D. WHERE DIMMERS AND/OR DIMMING SYSTEMS ARE REQUIRED, CONTRACTOR TO FURNISH DIMMERS THAT ARE COMPATIBLE WITH FIXTURE SOURCE AND RATED FOR THE WATTAGE OF THE DIMMING ZONE. PROVIDE ADDITIONAL DIMMERS AS REQUIRED TO MEET ZONE LOAD REQUIREMENTS.
- E. ELECTRICAL SWITCHES ON OPPOSITE SIDES OF A WALL ARE TO BE SPACED SO THAT THEIR ELECTRICAL BOX ARE A MINIMUM OF ONE STUD BETWEEN BOXES.

${\sf F.} \quad {\sf WHERE\ APPLICABLE,\ PROVIDE\ TOGGLE\ STYLE\ LIGHT\ SWITCHES.}$

GENERAL NOTES-POWER

- A. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL CONDUIT/CABLE ROUTING. COORDINATE ROUTING WITH ALL OTHER TRADES AND BUILDING 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
- ALL CIRCUITS FOR ACTUAL EQUIPMENT TO BE CONNECTED.

 D. ALL PANELS AND DISCONNECTS LOCATED OUTDOORS SHALL BE LABELED

PROVIDE WIRING, COILS, AND AUXILIARY CONTACTS AS NECESSARY. SIZE

- 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.

⟨#⟩ KEYED SHEET NOTES

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

 3. COORDINATE TY RECEPTACLE AND DATA LOCATIONS WITH OWNER AND
- COORDINATE TV RECEPTACLE AND DATA LOCATIONS WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN.
- 4. PROVIDE SWITCH AND CONNECTION FOR CONTINUOUSLY RUNNING 2-SPEED BATHROOM FAN. VERIFY REQUIREMENTS WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.

 5. DROVIDE MARRIAGON OF THE PRINCIPLE OF THE
- 5. PROVIDE HARD-WIRED SMOKE DETECTORS WITH BATTERY BACK-UP AS REQUIRED. ONE SMOKE DETECTOR IN EACH UNIT MUST BE A SMOKE/CO DETECTOR COMBO.
- 6. DISHWASHER MUST BE GFCI PROTECTED PER NEC 210.8(D) RECEPTACLE SHALL BE LOCATED IN AN ACCESSIBLE LOCATION.
- 7. MICROWAVE RECEPTACLE LOCATED IN CABINET ABOVE, COORDINATE LOCATION WITH GENERAL CONTRACTOR PRIOR TO ROUGH-IN.
- LOCATION WITH GENERAL CONTRACTOR PRIOR TO ROUGH-IN.
- 8. PROVIDE 120 VOLT DEDICATED CIRCUIT FOR SPRINKLER RISER TAMPER AND FLOW SWITCH. COORDINATE LOCATION WITH FIRE PROTECTION CONTRACTOR.
- 9. CORRIDOR LIGHTS TO BE CONTROLLED BY OCCUPANCY SENSOR UNLESS OTHERWISE NOTED.
- 10. LOCATION OF BUILDING UTILITY DATA DEMARC. PROVIDE A 4'X4'X³/₄" PLYWOOD BACKBOARD FOR DATA/PHONE UTILITIES. COORDINATE ALL REQUIREMENTS WITH OWNER, ARCHITECT, AND ALTA FIBER PRIOR TO ROUGH-IN. PROVIDE DEDICATED QUAD RECEPTACLE AS SHOWN.
- 11. EXTERIOR LIGHTING ON PHOTOCELL. CONFIRM LOCATION OF PHOTOCELL DEVICE WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN.
- 12. UNIT WIRED TO TYPICAL "1B1" REFER TO PANEL SCHEDULE FOR LOAD DATA. SEE UNIT 101 FOR CIRCUITRY LAYOUT.
- 13. COORDINATE LOCATION AND REQUIREMENTS OF BUILDING CALL BOX, 2N INTERCOM SYSTEM, WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN.
 14. INSTALL FIOPTIC 4-GANG AND QUAD OUTLET IN CABINET ABOVE
- REFRIGERATOR AS SHOWN.

 15. HOT WATER CIRCULATION PUMP HARDWIRED CIRCUIT CONNECTION.
- COORDINATE LOCATION WITH PLUMBING CONTRACTOR. PRIOR TO ROUGH-IN.

 16. LOCATION OF FUTURE RADON, PROVIDE JUNCTION BOX FOR FUTURE RADON FAN, FAN NOT TO BE INSTALLED AT THIS TIME.
- 17. MECHANICAL UNITS SHOWN FOR CIRCUITRY REFERENCE ONLY. REFER TO 1807 VINE STREET PERMIT FOR LOCATION OF MECHANICAL UNITS.

ALL DIMENSIONS ARE MEASURED TO CENTER OF DEVICE. COORDINATE ALL EXPOSED CONDUIT RUNS WITH OWNER AND ARCHITECT PRIOR TO ROUGH IN. CONTRACTOR TO CONFIRM ALL DEVICE HEIGHTS/LOCATIONS WITH OWNER, ARCHITECT, AND GC PRIOR TO ROUGH-IN. EXPOSED CONDUITS FOR SWITCHES TO BE ROUTED FROM ABOVE EXPOSED CONDUITS FOR SWITCHES BATHROOM HEIGHT DEVICES EXPOSED CONDUITS FOR RECEPTACLES TO BE ROUTED FROM BELOW

STANDARD MOUNTING HEIGHTS



Lecture + des

Progress Dates

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

Revisions

Checked By: PRS

Drawn by: AJW



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, INCITHER THE DOCUMENT NOR THE INFORMATION CONTAINS MAY BE USED FOR OTHER THAN THE SPECIFIC PURPOSE FOR WHICH IT WAS PREPARE WITHOUT WRITTEN CONSENT OF ENGINEERED BUILDING SYSTEMS, INC.

EPUBLIC ST.

ENOVATION FOR SENOVATION FOR SINCINNATION OF SENOVATION OF

Job No: 22042 8/10/2022

E1.01

- 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 | GENERAL NOTES-OVERALL PROJECT 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.
- 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.
- 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.

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

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.
- 2. PLUMBING EQUIPMENT PROVIDED BY PLUMBING CONTRACTOR, WIRED BY ELECTRICAL CONTRACTOR. VERIFY ELECTRICAL REQUIREMENTS WITH PLUMBING REQUIREMENTS PRIOR TO ROUGH-IN.
- 3. COORDINATE TV RECEPTACLE AND DATA LOCATIONS WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN.
- 4. 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
- 6. DISHWASHER MUST BE GFCI PROTECTED PER NEC 210.8(D) RECEPTACLE SHALL BE LOCATED IN AN ACCESSIBLE LOCATION.
- 7. MICROWAVE RECEPTACLE LOCATED IN CABINET ABOVE, COORDINATE
- LOCATION WITH GENERAL CONTRACTOR PRIOR TO ROUGH-IN.
- 8. PROVIDE 120 VOLT DEDICATED CIRCUIT FOR SPRINKLER RISER TAMPER AND FLOW SWITCH. COORDINATE LOCATION WITH FIRE PROTECTION CONTRACTOR.
- 9. CORRIDOR LIGHTS TO BE CONTROLLED BY OCCUPANCY SENSOR UNLESS
- 10. LOCATION OF BUILDING UTILITY DATA DEMARC. PROVIDE A 4'X4'X3 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.
- 11. EXTERIOR LIGHTING ON PHOTOCELL. CONFIRM LOCATION OF PHOTOCELL DEVICE WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN.
- 12. UNIT WIRED TO TYPICAL "1B1" REFER TO PANEL SCHEDULE FOR LOAD DATA. SEE UNIT 101 FOR CIRCUITRY LAYOUT.
- 13. COORDINATE LOCATION AND REQUIREMENTS OF BUILDING CALL BOX, 2N INTERCOM SYSTEM, WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN. 14. INSTALL FIOPTIC 4-GANG AND QUAD OUTLET IN CABINET ABOVE REFRIGERATOR AS SHOWN.
- 15. HOT WATER CIRCULATION PUMP HARDWIRED CIRCUIT CONNECTION.
- COORDINATE LOCATION WITH PLUMBING CONTRACTOR. PRIOR TO ROUGH-IN 16. LOCATION OF FUTURE RADON, PROVIDE JUNCTION BOX FOR FUTURE RADON FAN, FAN NOT TO BE INSTALLED AT THIS TIME.
- 17. MECHANICAL UNITS SHOWN FOR CIRCUITRY REFERENCE ONLY. REFER TO 1807 VINE STREET PERMIT FOR LOCATION OF MECHANICAL UNITS.

GENERAL NOTES-POWER

- A. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL CONDUIT/CABLE ROUTING. COORDINATE ROUTING WITH ALL OTHER TRADES AND BUILDING
- B. SEE SINGLE LINE DIAGRAM FOR FEEDER WIRE AND CONDUIT SIZE. ALL CIRCUITS NOT SIZED ON DRAWING SHALL BE INSTALLED TO MEET MINIMUM SIZE REQUIRED BY NEC.
- 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
- 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.
- 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 COUNTER B-DEVICES 2 SWITCHES ... DEVICES EXPOSED CONDUITS FOR RECEPTACLES TO BE ROUTED FROM BELOW

STANDARD MOUNTING HEIGHTS



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

Checked By: PRS Drawn by: AJW



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

Copyright © 2015 THIS DOCUMENT IS THE PRODUCT AND EXCLUSIV NEITHER THE DOCUMENT NOR THE INFORMATION SPECIFIC PURPOSE FOR WHICH IT WAS PREPARE WITHOUT WRITTEN CONSENT OF ENGINEERED BUILDING SYSTEMS, INC.

UBL

806

Job No: 22042

8/10/2022

- 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 | GENERAL NOTES-OVERALL PROJECT 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.
- 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.
- 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.

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

F. WHERE APPLICABLE, PROVIDE TOGGLE STYLE LIGHT SWITCHES.

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

GENERAL NOTES-POWER

- 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
- 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.
- 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.

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

KEYED SHEET NOTES

- 3. COORDINATE TV RECEPTACLE AND DATA LOCATIONS WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN.
- 4. 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
- 6. DISHWASHER MUST BE GFCI PROTECTED PER NEC 210.8(D) RECEPTACLE SHALL BE LOCATED IN AN ACCESSIBLE LOCATION.
- 7. MICROWAVE RECEPTACLE LOCATED IN CABINET ABOVE, COORDINATE
- LOCATION WITH GENERAL CONTRACTOR PRIOR TO ROUGH-IN.
- 8. PROVIDE 120 VOLT DEDICATED CIRCUIT FOR SPRINKLER RISER TAMPER AND FLOW SWITCH. COORDINATE LOCATION WITH FIRE PROTECTION CONTRACTOR.
- 9. CORRIDOR LIGHTS TO BE CONTROLLED BY OCCUPANCY SENSOR UNLESS
- 10. LOCATION OF BUILDING UTILITY DATA DEMARC. PROVIDE A 4'X4'X3 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.
- 11. EXTERIOR LIGHTING ON PHOTOCELL. CONFIRM LOCATION OF PHOTOCELL DEVICE WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN.
- 12. UNIT WIRED TO TYPICAL "1B1" REFER TO PANEL SCHEDULE FOR LOAD DATA. SEE UNIT 101 FOR CIRCUITRY LAYOUT.
- 13. COORDINATE LOCATION AND REQUIREMENTS OF BUILDING CALL BOX, 2N INTERCOM SYSTEM, WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN. 14. INSTALL FIOPTIC 4-GANG AND QUAD OUTLET IN CABINET ABOVE REFRIGERATOR AS SHOWN.
- 15. HOT WATER CIRCULATION PUMP HARDWIRED CIRCUIT CONNECTION.
- COORDINATE LOCATION WITH PLUMBING CONTRACTOR. PRIOR TO ROUGH-IN 16. LOCATION OF FUTURE RADON, PROVIDE JUNCTION BOX FOR FUTURE RADON FAN, FAN NOT TO BE INSTALLED AT THIS TIME.
- 17. MECHANICAL UNITS SHOWN FOR CIRCUITRY REFERENCE ONLY. REFER TO 1807 VINE STREET PERMIT FOR LOCATION OF MECHANICAL UNITS.

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 HEIGHT DEVICES COUNTER B-SWITCHES ... DEVICES EXPOSED CONDUITS FOR RECEPTACLES TO BE ROUTED FROM BELOW

STANDARD MOUNTING HEIGHTS



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

Checked By: PRS

Drawn by: AJW



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

Copyright © 2015 THIS DOCUMENT IS THE PRODUCT AND EXCLUSIV PROPERTY OF ENGINEERED BUILDING SYSTEMS. IN NEITHER THE DOCUMENT NOR THE INFORMATION SPECIFIC PURPOSE FOR WHICH IT WAS PREPARE WITHOUT WRITTEN CONSENT OF ENGINEERED BUILDING SYSTEMS, INC.

UBL

806

- 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 | GENERAL NOTES-OVERALL PROJECT 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.
- 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.
- 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.

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.
- 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.

- MECHANICAL EQUIPMENT PROVIDED BY MECHANICAL CONTRACTOR, WIRED BY ELECTRICAL CONTRACTOR. VERIFY ELECTRICAL REQUIREMENTS WITH
- 2. PLUMBING EQUIPMENT PROVIDED BY PLUMBING CONTRACTOR, WIRED BY ELECTRICAL CONTRACTOR. VERIFY ELECTRICAL REQUIREMENTS WITH PLUMBING REQUIREMENTS PRIOR TO ROUGH-IN.
- 3. COORDINATE TV RECEPTACLE AND DATA LOCATIONS WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN.

KEYED SHEET NOTES

MECHANICAL REQUIREMENTS PRIOR TO ROUGH-IN.

- 4. PROVIDE SWITCH AND CONNECTION FOR CONTINUOUSLY RUNNING 2-SPEED BATHROOM FAN. VERIFY REQUIREMENTS WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
- 5. PROVIDE HARD-WIRED SMOKE DETECTORS WITH BATTERY BACK-UP AS REQUIRED. ONE SMOKE DETECTOR IN EACH UNIT MUST BE A SMOKE/CO
- 6. DISHWASHER MUST BE GFCI PROTECTED PER NEC 210.8(D) RECEPTACLE SHALL BE LOCATED IN AN ACCESSIBLE LOCATION.
- 7. MICROWAVE RECEPTACLE LOCATED IN CABINET ABOVE, COORDINATE
- LOCATION WITH GENERAL CONTRACTOR PRIOR TO ROUGH-IN.
- 8. PROVIDE 120 VOLT DEDICATED CIRCUIT FOR SPRINKLER RISER TAMPER AND FLOW SWITCH. COORDINATE LOCATION WITH FIRE PROTECTION
- 9. CORRIDOR LIGHTS TO BE CONTROLLED BY OCCUPANCY SENSOR UNLESS
- 10. LOCATION OF BUILDING UTILITY DATA DEMARC. PROVIDE A 4'X4'X3" 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.
- 11. EXTERIOR LIGHTING ON PHOTOCELL. CONFIRM LOCATION OF PHOTOCELL DEVICE WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN.
- 12. UNIT WIRED TO TYPICAL "1B1" REFER TO PANEL SCHEDULE FOR LOAD DATA. SEE UNIT 101 FOR CIRCUITRY LAYOUT.
- 13. COORDINATE LOCATION AND REQUIREMENTS OF BUILDING CALL BOX, 2N INTERCOM SYSTEM, WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN. 14. INSTALL FIOPTIC 4-GANG AND QUAD OUTLET IN CABINET ABOVE REFRIGERATOR AS SHOWN.
- 15. HOT WATER CIRCULATION PUMP HARDWIRED CIRCUIT CONNECTION. COORDINATE LOCATION WITH PLUMBING CONTRACTOR. PRIOR TO ROUGH-IN
- 16. LOCATION OF FUTURE RADON, PROVIDE JUNCTION BOX FOR FUTURE RADON FAN, FAN NOT TO BE INSTALLED AT THIS TIME.
- 17. MECHANICAL UNITS SHOWN FOR CIRCUITRY REFERENCE ONLY. REFER TO 1807 VINE STREET PERMIT FOR LOCATION OF MECHANICAL UNITS.

- **GENERAL NOTES-POWER**
- A. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL CONDUIT/CABLE ROUTING. COORDINATE ROUTING WITH ALL OTHER TRADES AND BUILDING
- B. SEE SINGLE LINE DIAGRAM FOR FEEDER WIRE AND CONDUIT SIZE. ALL CIRCUITS NOT SIZED ON DRAWING SHALL BE INSTALLED TO MEET MINIMUM
- SIZE REQUIRED BY NEC. 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
- D. ALL PANELS AND DISCONNECTS LOCATED OUTDOORS SHALL BE LABELED

ALL CIRCUITS FOR ACTUAL EQUIPMENT TO BE CONNECTED.

- 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.
- 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 COUNTER HEIGHT DEVICES 8 SWITCHES ... DEVICES EXPOSED CONDUITS FOR RECEPTACLES TO BE ROUTED FROM BELOW

STANDARD MOUNTING HEIGHTS



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

Progress Dates

Checked By: PRS

Drawn by: AJW



COLLABORATION TEAMWORK SHARED SUCCESS 515 Monmouth Street, Suite 204 Newport, KY 41071 (859) 261-0585

MEP Consulting Services, Inc. in OH Copyright © 2015 THIS DOCUMENT IS THE PRODUCT AND EXCLUSIV NEITHER THE DOCUMENT NOR THE INFORMATION SPECIFIC PURPOSE FOR WHICH IT WAS PREPARE WITHOUT WRITTEN CONSENT OF ENGINEERED BUILDING SYSTEMS, INC.

 \Box

8

- 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 | GENERAL NOTES-OVERALL PROJECT 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.
- 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.
- 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.

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

GENERAL NOTES-LIGHTING

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

F. WHERE APPLICABLE, PROVIDE TOGGLE STYLE LIGHT SWITCHES.

- MECHANICAL EQUIPMENT PROVIDED BY MECHANICAL CONTRACTOR, WIRED BY ELECTRICAL CONTRACTOR. VERIFY ELECTRICAL REQUIREMENTS WITH
- 2. PLUMBING EQUIPMENT PROVIDED BY PLUMBING CONTRACTOR, WIRED BY ELECTRICAL CONTRACTOR. VERIFY ELECTRICAL REQUIREMENTS WITH PLUMBING REQUIREMENTS PRIOR TO ROUGH-IN.
- 3. COORDINATE TV RECEPTACLE AND DATA LOCATIONS WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN.

MECHANICAL REQUIREMENTS PRIOR TO ROUGH-IN.

- 4. PROVIDE SWITCH AND CONNECTION FOR CONTINUOUSLY RUNNING 2-SPEED BATHROOM FAN. VERIFY REQUIREMENTS WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
- 5. PROVIDE HARD-WIRED SMOKE DETECTORS WITH BATTERY BACK-UP AS REQUIRED. ONE SMOKE DETECTOR IN EACH UNIT MUST BE A SMOKE/CO
- 6. DISHWASHER MUST BE GFCI PROTECTED PER NEC 210.8(D) RECEPTACLE SHALL BE LOCATED IN AN ACCESSIBLE LOCATION.
- 7. MICROWAVE RECEPTACLE LOCATED IN CABINET ABOVE, COORDINATE
- LOCATION WITH GENERAL CONTRACTOR PRIOR TO ROUGH-IN.
- 8. PROVIDE 120 VOLT DEDICATED CIRCUIT FOR SPRINKLER RISER TAMPER AND FLOW SWITCH. COORDINATE LOCATION WITH FIRE PROTECTION
- 9. CORRIDOR LIGHTS TO BE CONTROLLED BY OCCUPANCY SENSOR UNLESS
- 10. LOCATION OF BUILDING UTILITY DATA DEMARC. PROVIDE A 4'X4'X3" 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.
- 11. EXTERIOR LIGHTING ON PHOTOCELL. CONFIRM LOCATION OF PHOTOCELL DEVICE WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN.
- 12. UNIT WIRED TO TYPICAL "1B1" REFER TO PANEL SCHEDULE FOR LOAD DATA. SEE UNIT 101 FOR CIRCUITRY LAYOUT.
- 13. COORDINATE LOCATION AND REQUIREMENTS OF BUILDING CALL BOX, 2N INTERCOM SYSTEM, WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN. 14. INSTALL FIOPTIC 4-GANG AND QUAD OUTLET IN CABINET ABOVE REFRIGERATOR AS SHOWN.
- 15. HOT WATER CIRCULATION PUMP HARDWIRED CIRCUIT CONNECTION. COORDINATE LOCATION WITH PLUMBING CONTRACTOR. PRIOR TO ROUGH-IN
- 16. LOCATION OF FUTURE RADON, PROVIDE JUNCTION BOX FOR FUTURE RADON FAN, FAN NOT TO BE INSTALLED AT THIS TIME.
- 17. MECHANICAL UNITS SHOWN FOR CIRCUITRY REFERENCE ONLY. REFER TO 1807 VINE STREET PERMIT FOR LOCATION OF MECHANICAL UNITS.

GENERAL NOTES-POWER

- A. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL CONDUIT/CABLE ROUTING. COORDINATE ROUTING WITH ALL OTHER TRADES AND BUILDING
- B. SEE SINGLE LINE DIAGRAM FOR FEEDER WIRE AND CONDUIT SIZE. ALL CIRCUITS NOT SIZED ON DRAWING SHALL BE INSTALLED TO MEET MINIMUM SIZE REQUIRED BY NEC.
- 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
- 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.
- 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 COUNTER HEIGHT DEVICES 8 SWITCHES ... DEVICES EXPOSED CONDUITS FOR RECEPTACLES TO BE ROUTED FROM BELOW

STANDARD MOUNTING HEIGHTS



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

Revisions

Checked By: PRS

Drawn by: AJW



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

Copyright © 2015 THIS DOCUMENT IS THE PRODUCT AND EXCLUSIV PROPERTY OF ENGINEERED BUILDING SYSTEMS, IN NEITHER THE DOCUMENT NOR THE INFORMATION SPECIFIC PURPOSE FOR WHICH IT WAS PREPARE WITHOUT WRITTEN CONSENT OF ENGINEERED BUILDING SYSTEMS, INC.

B

806

ELECTRICAL SPECIFICATIONS

General Demolition

a. Refer to architectural drawings, general notes, instructions to bidders, general conditions, supplementary general conditions, base building specifications and drawings, shop drawing manuals and as-built plans, except as noted herein, which apply in all respects to this section. The contractor shall visit the site and familiarize himself with all existing conditions prior to bidding the work

2. Use of Drawings And Specifications

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

Standards

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

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.

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

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.

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.

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.

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.

Temporary Power 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

17. 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.

18. 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.

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

20. Cutting and Fitting

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 pull string.

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.

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

22. Conductors and Terminations

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

b. The electrical equipment may include but not be limited to such items as grille motors and interlocks, exterior and interior signage, starting devices, motor controllers, float switches, alarm devices or systems, push buttons, exhaust fans,

data systems, intercoms and stereo systems. The electrical contractor shall verify equipment location and sizes with the trade supplying the equipment before installing the conduit or outlets.

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

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.

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

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

34. Telephone System

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

accessible ceiling.

35. Security System Notes a. Security wiring and system provided by owner. Verify system requirements and rough-in locations with owner prior to start of construction. Provide power for owner's head-end equipment and remote power for secure doors as required.

36. Data/Pos/A-V/System Notes

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

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.

۸ ≯

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

Revisions

Checked By: PRS

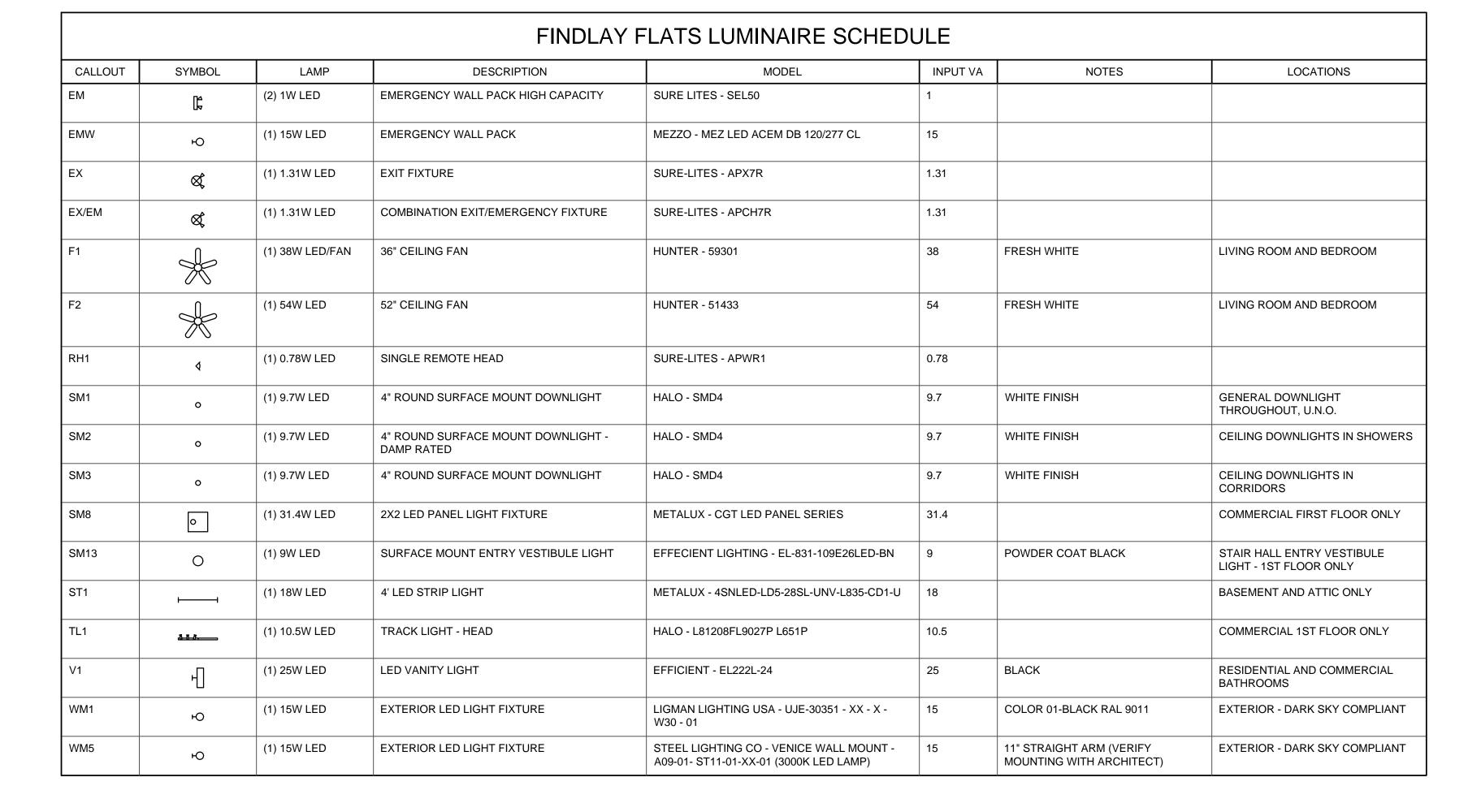


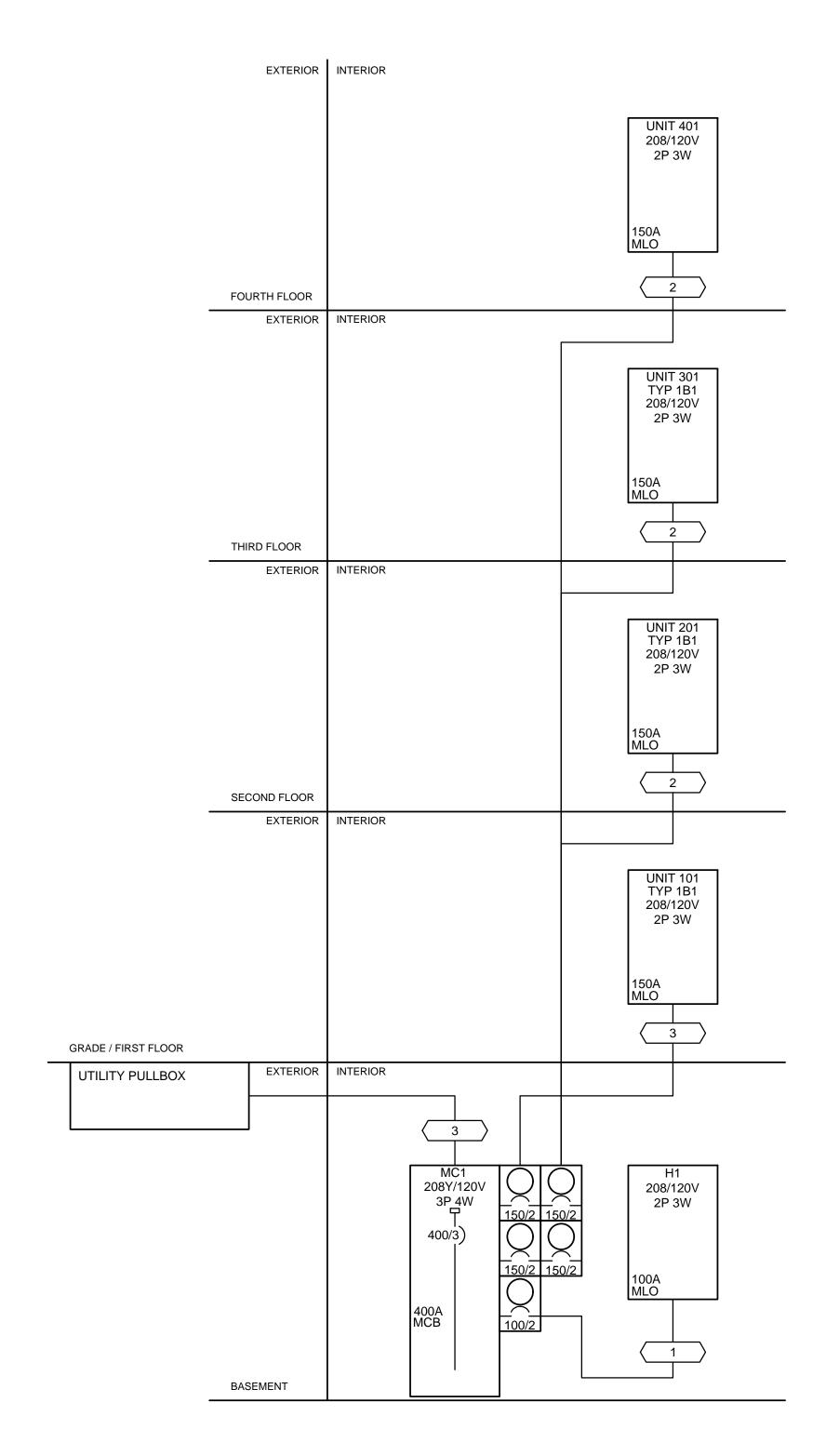
COLLABORATION TEAMWORK SHARED SUCCESS 515 Monmouth Street, Suite 204 Newport, KY 41071 (859) 261-0585 MEP Consulting Services, Inc. in OH Copyright © 2015

THIS DOCUMENT IS THE PRODUCT AND EXCLUSIVE NEITHER THE DOCUMENT NOR THE INFORMATION SPECIFIC PURPOSE FOR WHICH IT WAS PREPARE WITHOUT WRITTEN CONSENT OF ENGINEERED BUILDING SYSTEMS, INC.

UB Ш

8





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.

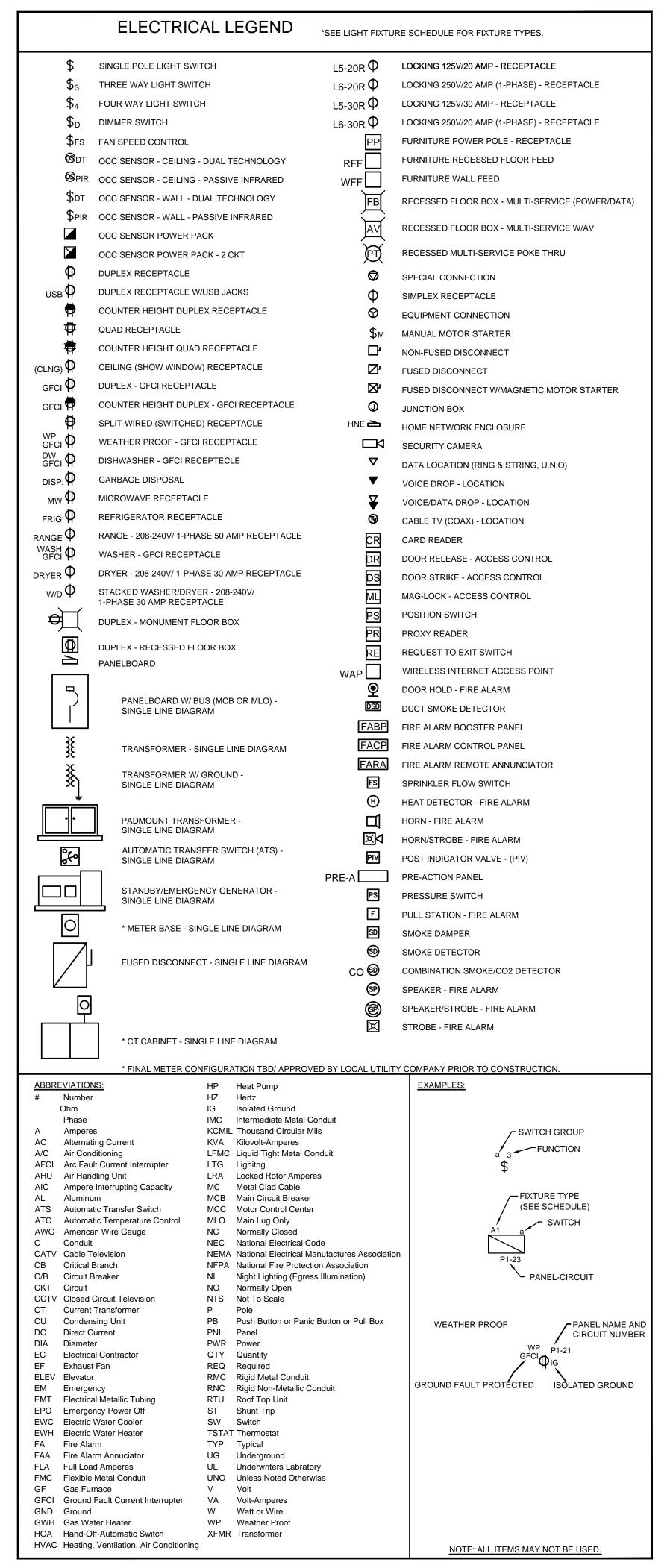
GENERAL NOTES-SINGLE LINE DIAGRAM

- 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
- 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.
- 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.

FEEDER SCHEDULE

ID	CONDUIT AND FEEDER
1	1-1/4"C,2#1 AL,#1 AL N,#6 AL G
2	2#2/0 AL,#2/0 AL N,#4 AL G
3	(2)2-1/2"C,3#250kcmil AL,#250kcmil AL N,#1/0 AL G

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



05 **≰** 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. BL

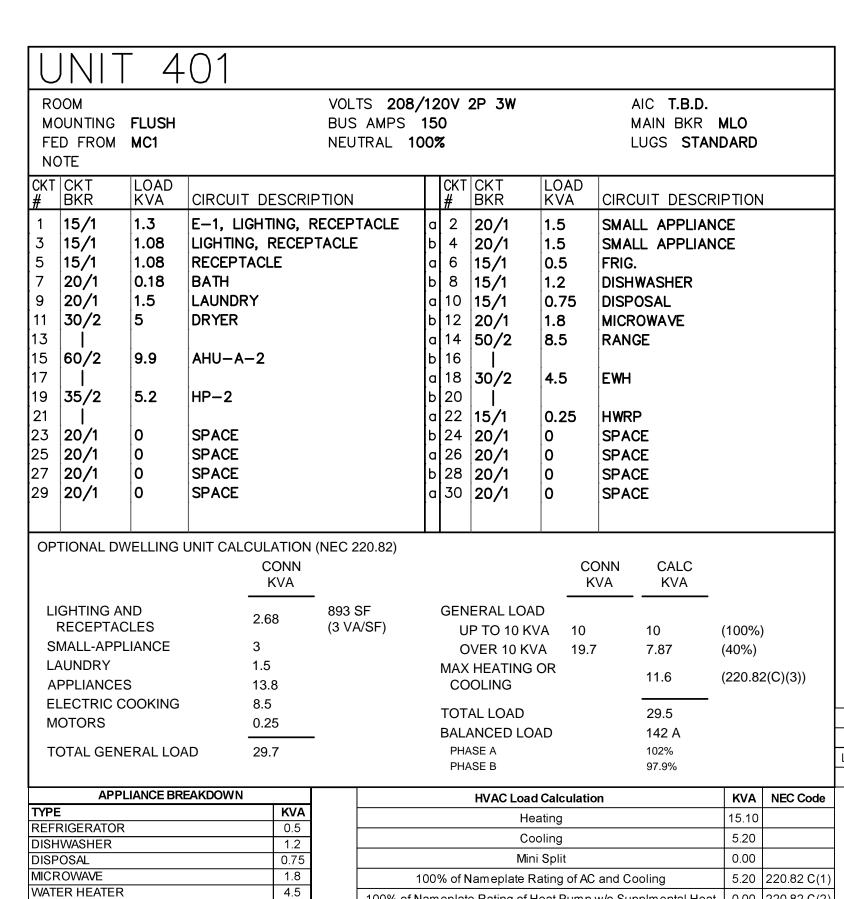
Ш

8

Job No: 22042

CINCIL

8/10/2022



DRYER

DISPOSAL

DRYER

MICROWAVE

WATER HEATER

HOT WATER RECIRC PUMP

0.25

HOT WATER RECIRC PUMP

-DETAILS.dwg-EBS. Plot Date/Time: Sep 04, 2024-9:30am - By \$(++) NSTRATE COMPLIANCE WITH APPLICABLE CODES, AND ARE INTENDE JCTION ARE INSTALLED IN ACCORDANCE WITH ANY CONTRACTURAL

Multi-Family Dwelling Unit Calc	KVA
Total General Load	29.68
Largest Heating or Cooling Load 220.84	15.10
220.84 CONNECTED LOAD CALC	44.78

T	YP	1E	31											TYP 1B1 UNIT 201 UNIT 301	
M(FE	DOM DUNTING D FROM DTE	FLUSH			VOLTS 20 BUS AMPS NEUTRAL	15	0	2P 3W		N	AIC T.B.D. MAIN BKR .UGS STA			UNIT 401	
CKT #	CKT BKR	LOAD KVA	CIRCUIT	Γ DES	CRIPTION		CKT #	CKT BKR	LOAD KVA	CIRC	UIT DESC	RIPTION	1		
1 5 7 9 11 13 15	15/1 15/1 15/1 20/1 20/1 30/2 60/2	1.3 1.08 1.08 0.18 1.5 5	E-1, LIGHTIN RECEPT BATH LAUNDE DRYER AHU-A	GHTING G, REGACLE RY -1.5	G, RECEPTACLE CEPTACLE	рарарара	2 4 6 8 10 12 14 16 18	20/1 20/1 15/1 15/1 15/1 20/1	1.5 1.5 0.5 1.2 0.75 1.8 8.5	SMAL SMAL FRIG. DISH	L APPLIA L APPLIA WASHER DSAL OWAVE	NCE			
19 21 23 25 27 29	25/2 20/1 20/1 20/1 20/1	3.33 0 0 0 0	SPACE SPACE SPACE SPACE SPACE			а b а b	20 22 24 26 28 30	20/1 20/1	0.25 0 0 0 0	HWRF SPAC SPAC SPAC	E E E				
OP ¹	TIONAL DV	WELLING	UNIT CAL	CULAT CON KV/						ONN KVA	CALC KVA				
SI L <i>i</i>	GHTING A RECEPTAO MALL-APPI AUNDRY PPLIANCE	CLES LIANCE		2.68 3 1.5 13.8	893 SF (3 VA/SF)		U C MAX	IERAL LO IP TO 10 K OVER 10 K (HEATING OOLING	KVA 10 KVA 19.		10 7.87 9.76	(100%) (40%) (220.8) 2(C)(3))		
М	LECTRIC C OTORS OTAL GEN		AD	8.5 0.25 29.7			BAL/ PH/	AL LOAD ANCED LO ASE A ASE B			27.6 133 A 102% 97.8%			Multi-Family Dwelling Unit Calc Total General Load Largest Heating or Cooling Load 220.84	-
		LIANCE BR	EAKDOWN					HVAC L	oad Calcula	ition		KVA	NEC Code	220.84 CONNECTED LOAD CALC	42.91
DISH	E RIGERATOR IWASHER	<u> </u>		1	VA 0.5 .2				Heating Cooling Mini Split			13.23 3.33			

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)

0.00

3.33 220.82 C(1)

9.76 220.82 C(3)

13.23 220.84 C(5)

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

11.64 220.82 C(3)

15.10 220.84 C(5)

Heat Pump plus 65% of Supplemental Heat

Largest Heating or Cooling Load

ROOM MOUNTING SURFA (FED FROM UTILITY NOTE		BUS	TS 208Y / S AMPS 4 JTRAL 100	00	SP 4W			AIC T.B.D. Main BKR 4 Lugs Stan e		
CKT BREAKER				L	OAD KV					
# TRIP/POLES	CIRCUIT DESCRIP	TION		Α	В	С	FEEDER I	RACEWAY AND C	ONDUCTORS	
1 100/2 2 150/2 3 150/2 4 150/2 5 150/2	H1 UNIT 101 — TYP UNIT 201 — TYP UNIT 301 — TYP UNIT 401	1B1		4.54 21.4 22.5	3.86 22.5 21.4 23.4	21.4 22.5 22.3	2#2/0 / 2#2/0 / 2#2/0 /	C,2#1 AL,#1 AL AL,#2/O AL N, AL,#2/O AL N, AL,#2/O AL N, AL,#2/O AL N,	#4 AL G #4 AL G #4 AL G	
	TOTAL CONNE	CTED KVA B	Y PHASE	48.4	71.2	66.2				
OPTIONAL MULTIFAN	IILY DWELLING CALC	ULATION (NEC	220.84)							
			I	DWELLIN	IG UNIT L	OADS				
		KVA							KVA	
		40-	- 3,572 SF		CON	NECTED	LOAD		174	
LIGHTING AND REC	EPTACLES	10.7	(3 VA/SF)							
SMALL-APPLIANCE		12			DWELLING UNITS DEMAND FACTOR				4 (45%)	
LAUNDRY		6				CULATED			78.1	
APPLIANCES ELECTRIC COOKING	2	55 34								
MOTORS	9	1								
HEATING		54.8	(100%)							
COOLING		15.2	(0%)							
				HOU	SE LOAD	S				
	CONN KVA	CALC KVA						CONN KVA	CALC KVA	
LIGHTING	0.217	0.271	- (125%)		RECI	EPTACLE	S	1.62	1.62	(50%>10)
LARGEST MOTOR	0.1	0.025	(25%)			CONTINU		1.46	1.46	(100%)
MOTORS	0.2	0.2	(100%)		HEAT	ΓING		5	5	(100%)
					TOTA	AL HOUS	E LOAD		8.58	
				TO	TAL LOAD)				
		KVA							KVA	
TOTAL DWELLING U	JNIT LOAD	78.1	-		TOTA	AL LOAD			86.7	
			BALANCED 3-PHASE LOAD				JJ			

220.84 Multi-Family Calculation

UNIT 401 TYP 1B1

Total Quantity and Connected Load =

KVA

44.78

42.91

Total KVA

44.78

128.72

MOUNTING FED FROM NOTE		ACE		VOLTS 208 BUS AMPS NEUTRAL	10	0	2P 3W			N	AIC T.B.D. Main BKR Lugs Sta	MLO
KT CKT BKR	LOAD		T DESCRIF	PTION		CKT #	CKT BKR		DAD VA	CIRC	UIT DESC	RIPTION
1 20/1 20/1 7 20/1 9 20/1 11 20/1 3 20/1 5 20/1 7 20/1 9 20/1 21 20/1 23 20/1	0.54 0.82 0.36 0.5 0 0 0	RECEPT E-2, F RECEPT (SR) S	TACLE RECEPTACL TACLE PRINKLER DRING SYS	RISER	р а р а р	4 6 8 10 12 14 16 18 20 22	20/2 20/2 20/1 20/1 20/1 20/1 20/1 20/1 20/1	2 2 1 0. 0 0 0 0	96	H-1 H-1 (DE-SPAC SPAC SPAC SPAC SPAC	-1) DEHUN CE CE CE CE CE	MDIFIER
LIGHTIN APPLIAN LARGES MOTOI	NCE ST	CONN KVA 0.217 1 0.1	CALC KVA 0.271 1 0.025	(125%) (100%) (25%)		REC NON HEA TOT BAL PH	TORS EPTACL ICONTIN TING FAL LOAI ANCED ASE A ASE B	IUOUS D	0.1 1.62		CALC KVA 0.1 1.62 1.46 4 8.48 40.8 A 107% 92.5%	(100%) (50%>10) (100%) (100%)



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

Revisions

Checked By: PRS

Drawn by: AJW

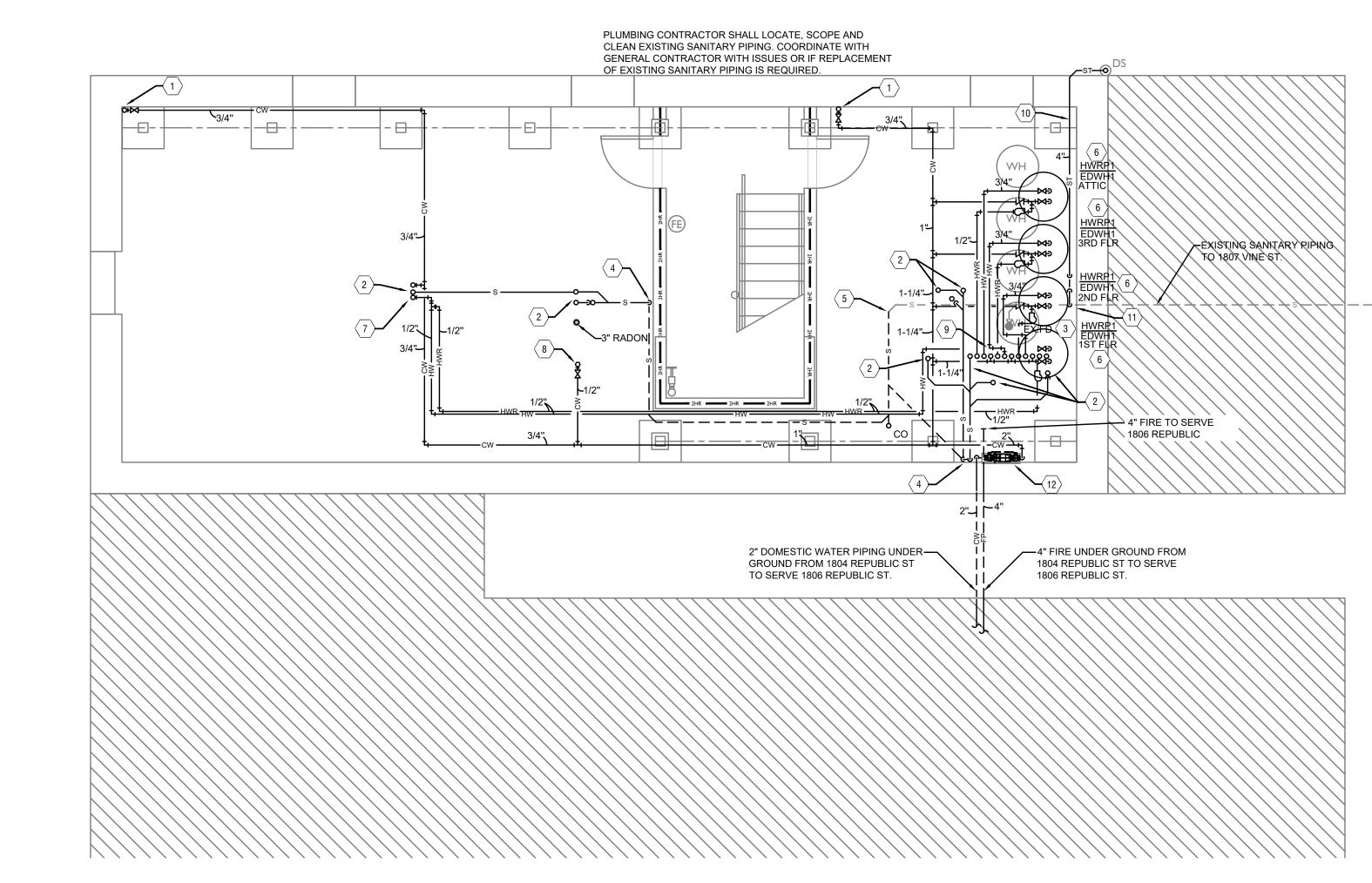
ENGINEERED TEAMWORK COLLABORATION SHARED SUCCESS
515 Monmouth Street, Suite 204
Newport, KY 41071 (859) 261-0585
MEP Consulting Services, Inc. in OH

Copyright © 2015 THIS DOCUMENT IS THE PRODUCT AND EXCLUSIVE PROPERTY OF ENGINEERED BUILDING SYSTEMS, INC. NEITHER THE DOCUMENT NOR THE INFORMATION IT CONTAINS MAY BE USED FOR OTHER THAN THE SPECIFIC PURPOSE FOR WHICH IT WAS PREPARED WITHOUT WRITTEN CONSENT OF ENGINEERED BUILDING SYSTEMS, INC.

REPUBLIC CINCINNATI, OF FINDLAY FLATS 806

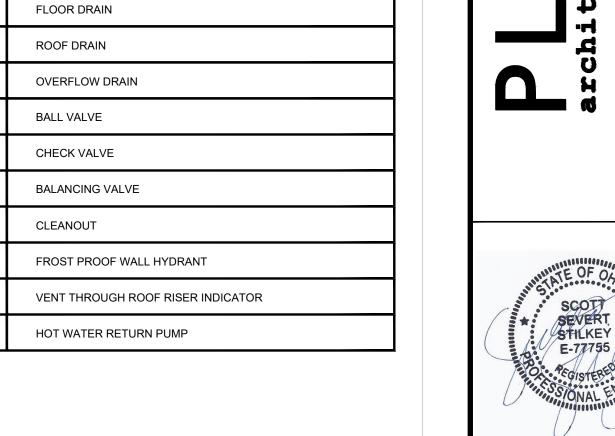
PLUMBING LEGEND SYMBOL DESCRIPTION SANITARY/WASTE PIPING BELOW FLOOR SANITARY/WASTE PIPING ABOVE CEILING **VENT PIPING** COLD WATER PIPING ____CW___ HOT WATER PIPING HOT WATER RETURN PIPING NATURAL GAS PIPING ____ST____ STORM PIPING FD FLOOR DRAIN <u>rd</u>@ **ROOF DRAIN** <u>od</u> OVERFLOW DRAIN BALL VALVE CHECK VALVE BALANCING VALVE COo CLEANOUT WH **H** FROST PROOF WALL HYDRANT VENT THROUGH ROOF RISER INDICATOR HOT WATER RETURN PUMP

1806 REP



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. PLUMBING CONTRACTOR SHALL INSPECT EXISTING FLOOR DRAIN. CLEAN, FIX OR REPLACE AS REQUIRED.
- 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. COLD WATER PIPING UP TO FLOOR ABOVE.
- 9. 3/4" COLD WATER, 3/4" HOT WATER AND 1/2" HOT WATER RETURN PIPING UP TO FLOORS ABOVE.
- 10. 4" STORM PIPING.
- 11. CONNECT NEW STORM LEADERS WITH RUNNING TRAP TO EXISTING SANITARY PIPING.
- 12. PROVIDE A 2" REDUCE PRESSURE BACKFLOW PREVENTER.



Progress Dates

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

Revisions

Charlad Day and

Checked By: sss

Drawn by: DAG



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

Copyright © 2015

THIS DOCUMENT IS THE PRODUCT AND EXCLUSIVE PROPERTY OF ENGINEERED BUILDING SYSTEMS, INC. NEITHER THE DOCUMENT NOR THE INFORMATION IT CONTAINS MAY BE USED FOR OTHER THAN THE SPECIFIC PURPOSE FOR WHICH IT WAS PREPARED WITHOUT WRITTEN CONSENT OF ENGINEERED BUILDING SYSTEMS, INC.

ION FOR REPUBLIC ST.
ATI, OH, 45202

RENOVATIO

Job No: 22042

PLOO

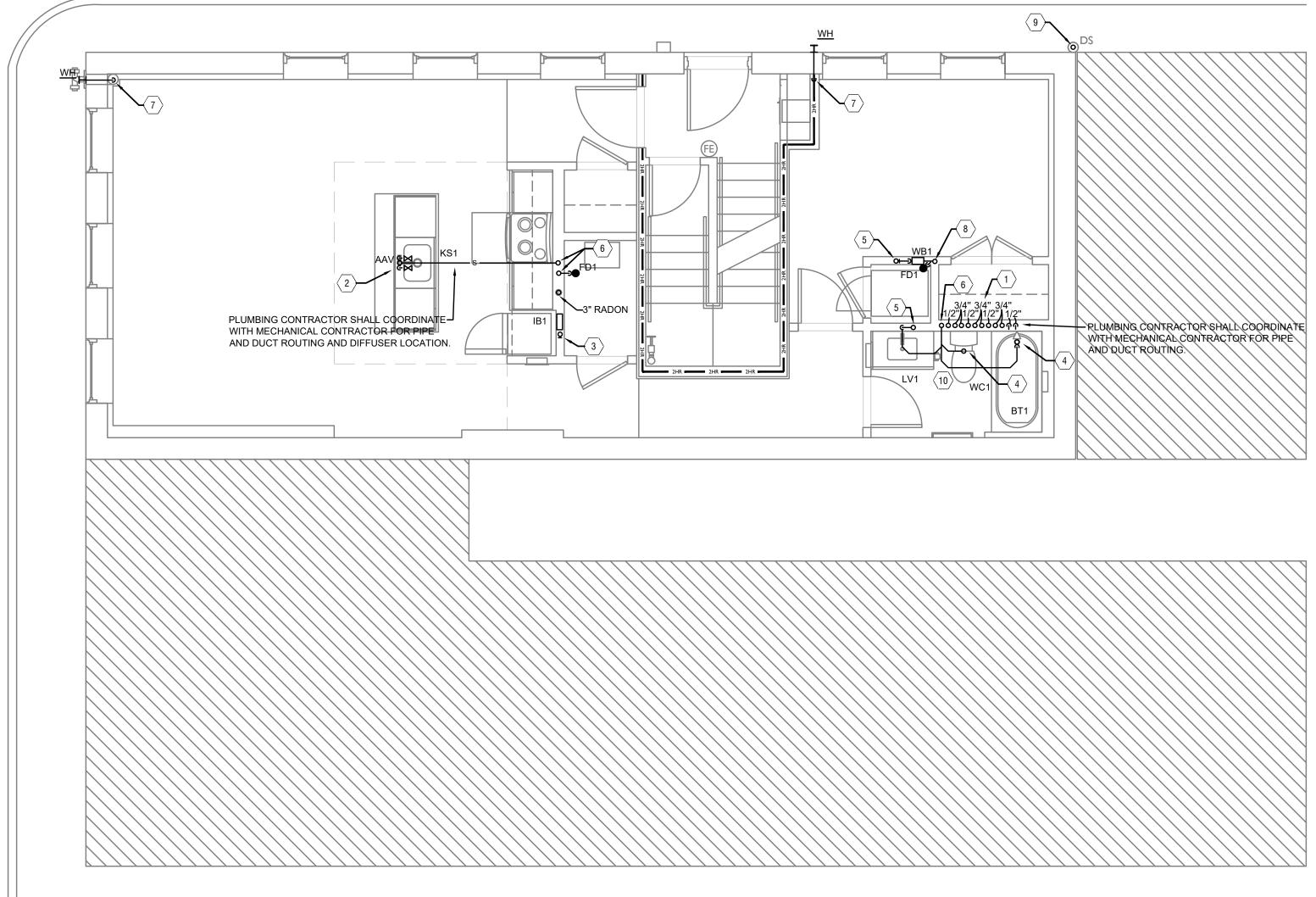
8/10/2022

N

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

PLUMBING PLAN - BASEMENT

	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
— / —	CHECK VALVE
—— <i>®</i> ——	BALANCING VALVE
CO •	CLEANOUT
WH H	FROST PROOF WALL HYDRANT
#	VENT THROUGH ROOF RISER INDICATOR
O	HOT WATER RETURN PUMP



PLUMBING FIRST FLOOR KEYED NOTES

- 1. 3/4" COLD WATER, 3/4" HOT WATER AND 1/2" HOT WATER RETURN PIPING UP AND
- 2. 1/2" HOT AND COLD WATER UP FROM FLOOR BELOW TO SERVE KITCHEN SINK, EXTEND A 1/2" HOT WATER LINE TO SERVE DISHWASHER.
- 1/2" COLD WATER PIPING UP FROM FLOOR BELOW TO SERVE VALVE BOX FOR REFRIGERATOR.
- 4. SANITARY PIPING UP TO SERVE PLUMBING FIXTURE ON FLOOR ABOVE.
- 5. VENT PIPING UP TO TO FLOOR ABOVE.
- 6. STACK WASTE VENT PIPING UP AND DOWN
- 7. 3/4" COLD WATER PIPING UP FROM FLOOR BELOW TO WALL HYDRANT.
- 8. SANITARY PIPING UP AND DOWN.
- PROVIDE A 4" DOWNSPOUT CONNECTION AND ROUTE INTO BUILDING AND DOWN TO BASEMENT.
- 10. ROUTE 3/4" HOT AND COLD WATER THROUGH WALL TO SERVE BATHROOM AND



SCOTT SEVERT STILKEY E-77755 E-77755 GISTERE

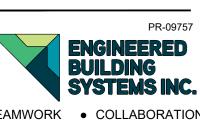
Progress Dates

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

Revision

Checked By: sss

Drawn by: DAG



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 IT

THIS DOCUMENT IS THE PRODUCT AND EXCLUSIVE PROPERTY OF ENGINEERED BUILDING SYSTEMS, INC. NEITHER THE DOCUMENT NOR THE INFORMATION IT CONTAINS MAY BE USED FOR OTHER THAN THE SPECIFIC PURPOSE FOR WHICH IT WAS PREPARED WITHOUT WRITTEN CONSENT OF ENGINEERED BUILDING SYSTEMS, INC.

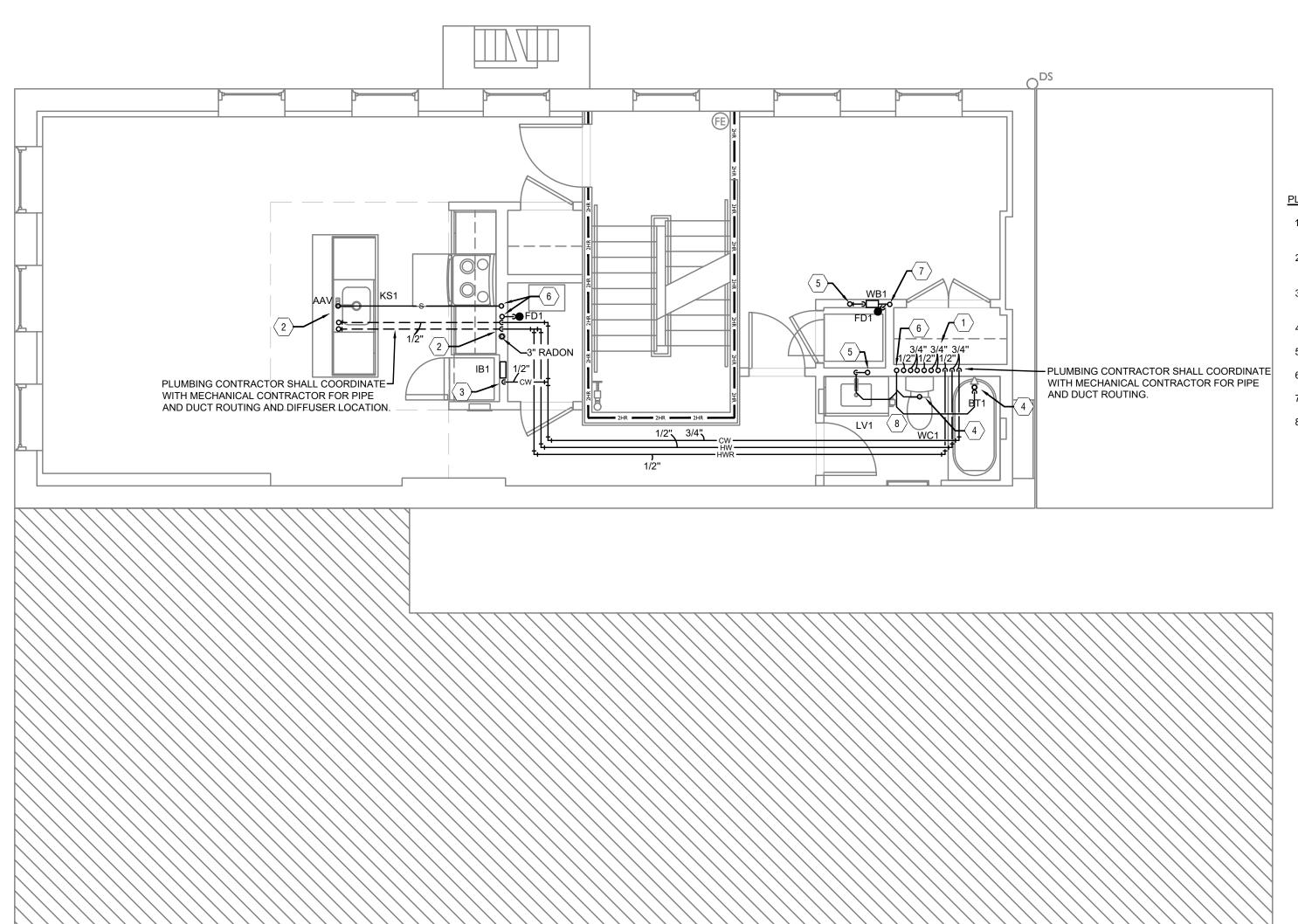
ION FOR REPUBLIC ST.
ATI, OH, 45202

RENOVATION FOR 1806 REPU

Job No: 22042 8/10/2022

P1.01

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



PLUMBING SECOND FLOOR KEYED NOTES

- 1. 3/4" COLD WATER, 3/4" HOT WATER AND 1/2" HOT WATER RETURN PIPING UP AND DOWN
- 1/2" HOT AND COLD WATER DOWN IN WALL TO BELOW FLOOR TO SERVE KITCHEN SINK, EXTEND A 1/2" HOT WATER LINE TO SERVE DISHWASHER.
- 1/2" COLD WATER PIPING UP FROM FLOOR BELOW TO SERVE VALVE BOX FOR REFRIGERATOR.
- 4. SANITARY PIPING UP TO SERVE PLUMBING FIXTURE ON FLOOR ABOVE.
- 5. VENT PIPING UP AND DOWN.
- 6. STACK WASTE VENT PIPING UP AND DOWN
- 7. SANITARY PIPING UP AND DOWN.
- 8. ROUTE 3/4" HOT AND COLD WATER THROUGH WALL TO SERVE BATHROOM AND WASHER BOX.

SCOTT STILKEY E-77755

Progress Dates

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

Revisions

Checked By: sss

Drawn by: DAG



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, IN NEITHER THE DOCUMENT NOR THE INFORMATION CONTAINS MAY BE USED FOR OTHER THAN THE

THIS DOCUMENT IS THE PRODUCT AND EXCLUSIVE PROPERTY OF ENGINEERED BUILDING SYSTEMS, INC. NEITHER THE DOCUMENT NOR THE INFORMATION IT CONTAINS MAY BE USED FOR OTHER THAN THE SPECIFIC PURPOSE FOR WHICH IT WAS PREPARED WITHOUT WRITTEN CONSENT OF ENGINEERED BUILDING SYSTEMS, INC.

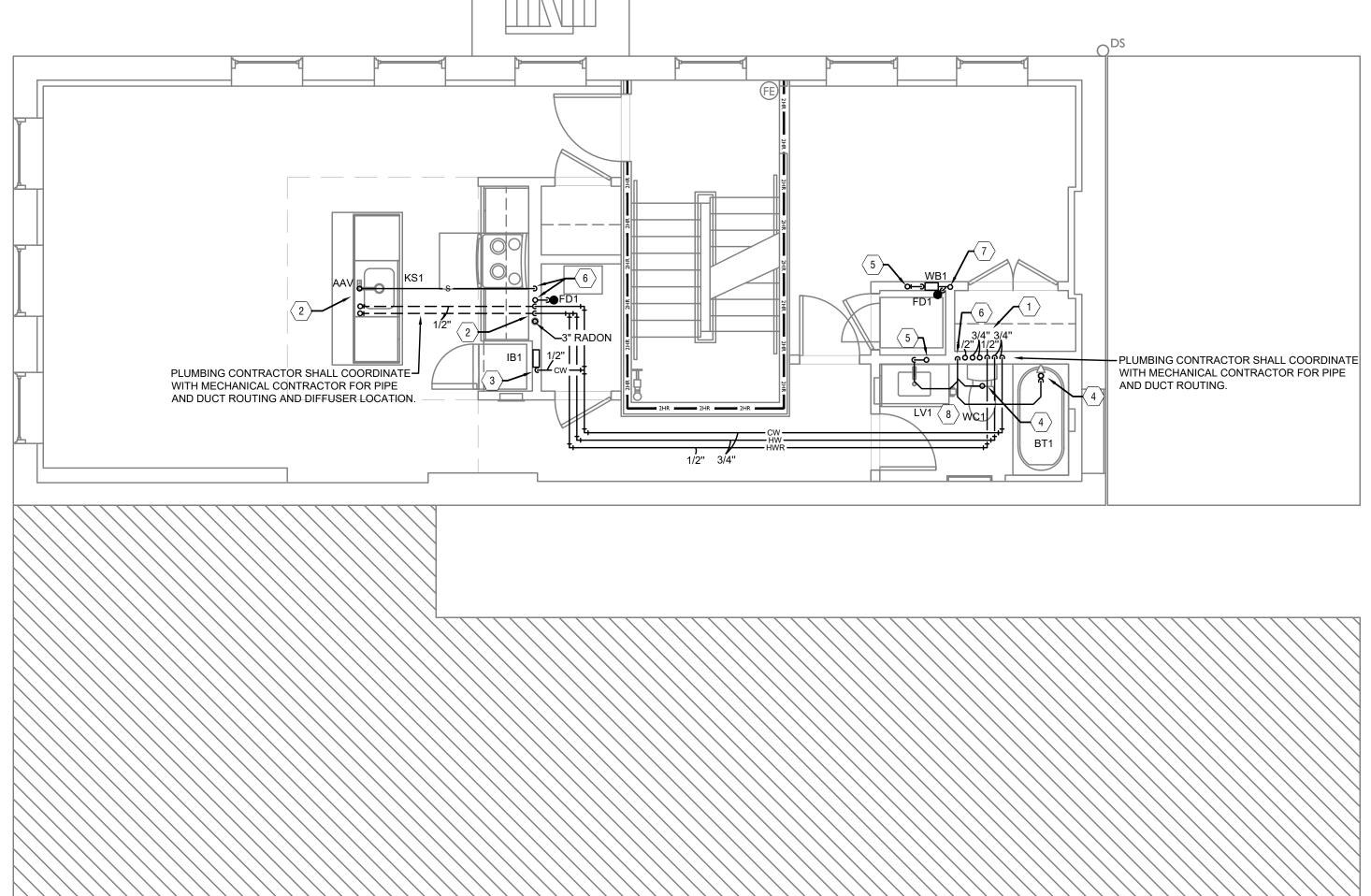
TION FOR REPUBLIC ST. ATI, OH, 45202

RENOVATI

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
cw	COLD WATER PIPING
——HW——	HOT WATER PIPING
——HWR—	HOT WATER RETURN PIPING
—— G ——	NATURAL GAS PIPING
st	STORM PIPING
FD●	FLOOR DRAIN
<u>rd</u> ©	ROOF DRAIN
<u>od</u> ©	OVERFLOW DRAIN
—₩—	BALL VALVE
<u></u>	CHECK VALVE
	BALANCING VALVE
CO •	CLEANOUT
WH H	FROST PROOF WALL HYDRANT
#	VENT THROUGH ROOF RISER INDICATOR
O	HOT WATER RETURN PUMP



PLUMBING THIRD FLOOR KEYED NOTES

- 1. 3/4" COLD WATER, 3/4" HOT WATER AND 1/2" HOT WATER RETURN PIPING UP AND
- 1/2" HOT AND COLD WATER DOWN IN WALL TO BELOW FLOOR TO SERVE KITCHEN SINK, EXTEND A 1/2" HOT WATER LINE TO SERVE DISHWASHER.
- 3. 1/2" COLD WATER PIPING UP FROM FLOOR BELOW TO SERVE VALVE BOX FOR REFRIGERATOR.
- 4. SANITARY PIPING UP TO SERVE PLUMBING FIXTURE ON FLOOR ABOVE.
- 5. VENT PIPING UP AND DOWN.
- 6. STACK WASTE VENT PIPING UP AND DOWN
- 7. SANITARY PIPING UP AND DOWN.
- 8. ROUTE 3/4" HOT AND COLD WATER THROUGH WALL TO SERVE BATHROOM AND WASHER BOX.

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

Checked By: sss Drawn by: DAG

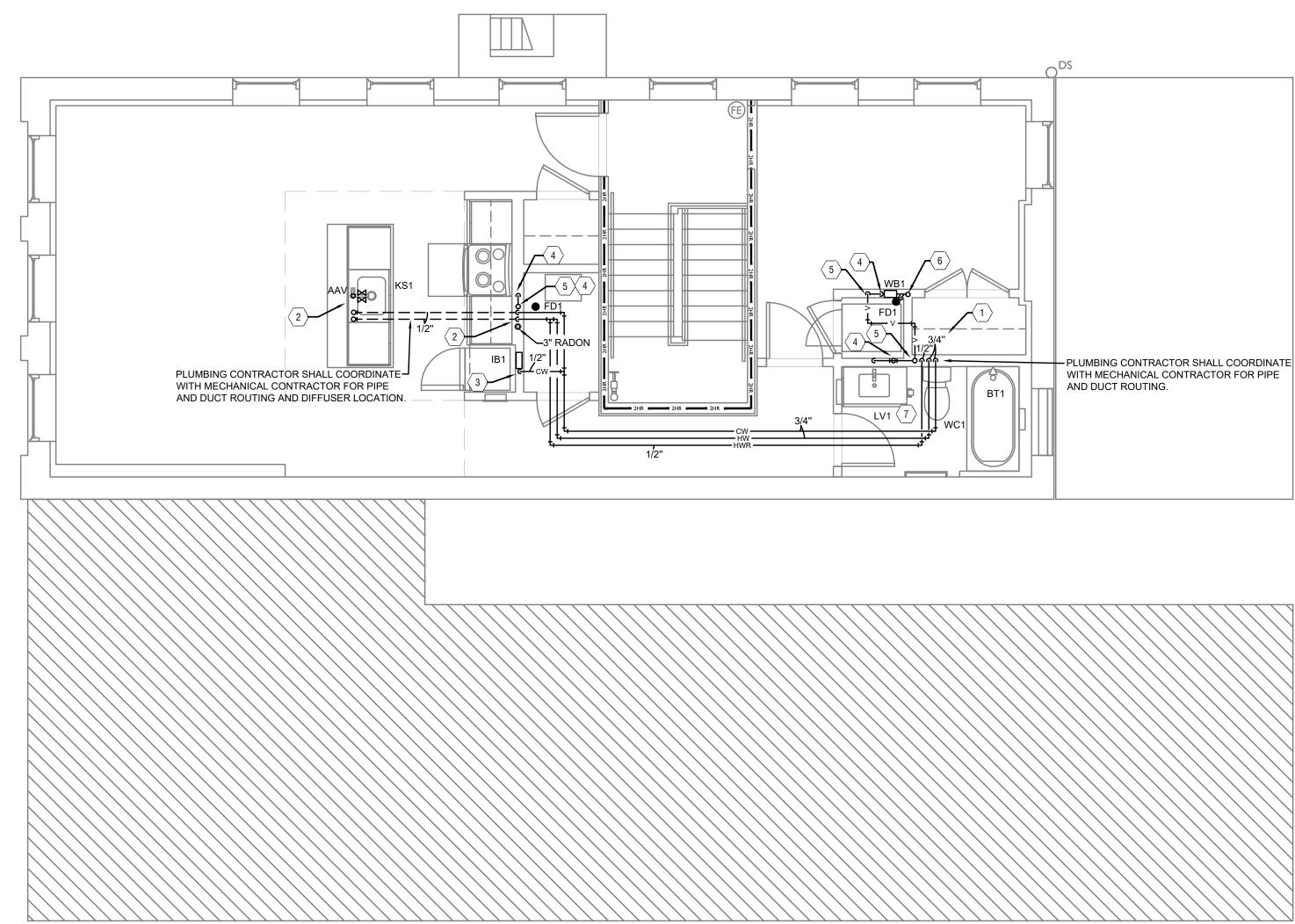


TEAMWORK • COLLABORATION SHARED SUCCESS 515 Monmouth Street, Suite 204 Newport, KY 41071 (859) 261-0585 MEP Consulting Services, Inc. in OH Copyright © 2015

THIS DOCUMENT IS THE PRODUCT AND EXCLUSIVE PROPERTY OF ENGINEERED BUILDING SYSTEMS, INC. NEITHER THE DOCUMENT NOR THE INFORMATION IT CONTAINS MAY BE USED FOR OTHER THAN THE SPECIFIC PURPOSE FOR WHICH IT WAS PREPARED WITHOUT WRITTEN CONSENT OF ENGINEERED BUILDING SYSTEMS, INC.

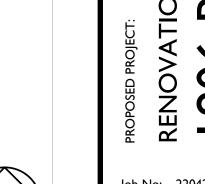
REPUBL

	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							
	CHECK VALVE							
	BALANCING VALVE							
CO •	CLEANOUT							
WH H	FROST PROOF WALL HYDRANT							
#	VENT THROUGH ROOF RISER INDICATOR							
O	HOT WATER RETURN PUMP							



PLUMBING FOURTH FLOOR KEYED NOTES

- 3/4" COLD WATER, 3/4" HOT WATER AND 1/2" HOT WATER RETURN PIPING UP AND DOWN.
- 1/2" HOT AND COLD WATER DOWN IN WALL TO BELOW FLOOR TO SERVE KITCHEN SINK, EXTEND A 1/2" HOT WATER LINE TO SERVE DISHWASHER.
- 1/2" COLD WATER PIPING UP FROM FLOOR BELOW TO SERVE VALVE BOX FOR REFRIGERATOR.
- 4. VENT PIPING UP FROM FLOOR BELOW.
- 5. VENT PIPING UP TO FLOOR ABOVE.
- 6. SANITARY PIPING DOWN.
- ROUTE 3/4" HOT AND COLD WATER THROUGH WALL TO SERVE BATHROOM AND WASHER BOX.



LATTE

SCOTT SEVERT STILKEY E-77755 GOISTERE

Progress Dates

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

Revision

Checked By: sss

Drawn by: DAG



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 IT CONTAINS MAY BE USED FOR OTHER THAN THE SPECIFIC PURPOSE FOR WHICH IT WAS PREPARED WITHOUT WRITTEN CONSENT OF ENGINEERED BUILDING SYSTEMS, INC.

OVATION FOR OK REPUBLIC ST.

Job No: 22042 8/10/2022

P1.04

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 CERTIFICATE OF FINAL INSPECTION AND APPROVAL SHALL BE SUBMITTED WITH THE CONTRACTOR'S REQUEST FOR PAYMENT. NO FINAL PAYMENT WILL BE APPROVED WITHOUT THIS CERTIFICATE.
- k. ALL WORK SHALL BE ACCURATELY LAID-OUT WITH OTHER TRADES, PRIOR TO INSTALLATION & FARRICATION TO AVOID ALL CONFLICTS AND OBTAIN A NEAT AND WORKMANLIKE INSTALLATION WHICH WILL AFFORD MAXIMUM ACCESSIBILITY FOR EQUIPMENT OPERATION, MAINTENANCE CLEARANCES AND HEADROOM.

2. USE OF INFORMATION PROVIDED BY EBS

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

3. CONTRACTOR COORDINATION

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

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

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

5. DRAIN PANS

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

b. DRAIN PANS SHALL BE PROVIDED UNDER WASHERS AND SHALL BE SIZED TO ACCOMMODATE A STANDARD WASHER OR STACKABLE WASHER/DRYER AS APPLICABLE. BASIS OF DESIGN SHALL BE DRIPTITE 30-5/8" WIDE X 34-5/8" DEEP 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 POLYVINYL CHLORIDE) VINYL COMPOUNDS WITH A CELL CLASS OF 24448 AS IDENTIFIED IN ASTM D 1784. CTS CPVC PIPE AND FITTINGS SHALL CONFORM TO ASTM D 2846. PIPE AND FITTINGS SHALL BE MANUFACTURED AS A SYSTEM AND BE THE PRODUCT OF ONE MANUFACTURER. ALL PIPE AND FITTINGS SHALL BE MANUFACTURED IN THE UNITED STATES. PIPE AND FITTINGS SHALL CONFORM TO NATIONAL SANITATION FOUNDATION (NSF) STANDARDS 14 AND 61. INSTALLATION SHALL COMPLY WITH LATEST INSTALLATION PROVIDED BY THE MANUFACTURER AND SHALL CONFORM TO ALL LOCAL PLUMBING, BUILDING AND FIRE CODE REQUIREMENTS. BURIED PIPE SHALL BE INSTALLED IN ACCORDANCE WITH ASTM F 1668. SOLVENT WELD JOINTS SHALL BE MADE USING CPVC CEMENT CONFORMING TO ASTM F 493. YELLOW ONE-STEP CEMENT MAY BE USED WITHOUT PRIMER. IF A PRIMER IS REQUIRED BY LOCAL PLUMBING OR BUILDING CODES, THEN A PRIMER CONFORMING TO ASTM F 656 SHOULD BE USED. THE SYSTEM SHALL BE PROTECTED FROM CHEMICAL AGENTS. FIRE STOPPING MATERIALS. THREAD SEALANT, PLASTICIZED VINYL PRODUCTS OR OTHER AGGRESSIVE CHEMICAL AGENTS NOT COMPATIBLE WITH CPVC COMPOUNDS. SYSTEMS SHALL BE HYDROSTATICALLY TESTED AFTER INSTALLATION. NEVER TEST WITH OR TRANSPORT/STORE COMPRESSED AIR OR GAS IN CPVC PIPE OR

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

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

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

THE REQUIREMENTS SET FORTH BY THE AMERICAN SOCIETY FOR TESTING

COMPOUND MEETS CELL CLASS 24448 AND THE FITTING COMPOUND MEETS

PROPERTIES MEET OR EXCEED THE REQUIREMENTS OF ASTM STANDARDS

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

FITTING COMPOUNDS ARE CERTIFIED BY NSF INTERNATIONAL FOR USE

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

THREADED FITTINGS. THREADED FITTINGS HAVE TAPER PIPE THREADS IN

ACCORDANCE WITH ASTM F1498, UNIONS AND FLANGES MEET OR EXCEED

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

HANDLING OF SOLVENT CEMENTS SHALL BE IN ACCORDANCE WITH ASTM

REQUIREMENTS OF ASTM F493. THE STANDARD PRACTICE FOR SAFE

ASSEMBLED EMPLOYING SOLVENT CEMENTS THAT MEET OR EXCEED THE

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

WITH POTABLE WATER, AND APPROVED BY THE FITTINGS MANUFACTURERS.

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

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

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

TESTING LABORATORY SHALL BE OBTAINED AND MADE AVAILABLE UPON

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

MARKINGS STATE THE PIPE/FITTING MANUFACTURE'S NAME OR

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

AQUAPEX. TUBING AND FITTINGS MUST CONFORM TO ASTM

ALLOW TUBING TO COME IN CONTACT WITH PIPE THREAD

POTABLE WATER AND THE ASTM DESIGNATION.

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

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

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

F876 "STANDARD SPECIFICATION FOR CROSSLINKED POLYETHYLENE, ASTM

F877 "STANDARD FOR CROSSLINKED POLYETHYLENE PLASTIC HOT AND

COLD WATER DISTRIBUTION SYSTEMS". PROVIDE ENGINEERED PLASTIC

FITTINGS WITH PLASTIC COLLARS WHICH CONFORM TO ASTM F1960

STANDARD SPECIFICATION FOR COLD EXPANSION FITTINGS WITH PEX

REINFORCING RINGS FOR USE WITH CROSSLINKED POLYETHYLENE PIPING

PEX TUBING AND CONNECTIONS SHALL BE WARRANTED FOR A PERIOD OF

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

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

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

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

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

TUBE DIAMETER. REPAIR KINKS IN TUBING USING HEAT AS RECOMMENDED

BY MANUFACTURER. TUBING SHALL BE INSTALLED IN MAXIMUM PRACTICAL

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

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

PLATES WHERE TUBING PENETRATES STUDS AT FACE OF STUDS. REMOTE

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

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

SHALL BE SUPPORTED AT FITTINGS AND FIXTURES AS RECOMMENDED BY

MANUFACTURER. PIPING SHALL BE INSTALLED WITH MINIMUM AMOUNT OF

FITTINGS. USE MANUFACTURER APPROVED VALVES, FITTINGS, HOSE BIBS

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

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

100 OR EQUAL PUMP MANUFACTURED BY ARMSTRONG, GRUNDFOS, OR

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

AND PROGRAM PUMP TO OPERATE TO ACCOMMODATE THE OWNER'S

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

OF METER AND LOCATE IN AN ACCESSIBLE LOCATION.

b. BACKFLOW PREVENTERS FOR 2" AND SMALLER WATER

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

WATER CLOSET DESCRIPTION

WC1 | FLOOR-SET TANK

| FIXTURE MANUFACTURER |

FIXTURE MODEL#

AMERICAN STANDARD | CADET 3 WITH CONCEALED TRAPWAY | NOT APPLICABLE

MODEL

HEIGHT

CONNECTION

GALLON

REDUCED PRESSURE BACKELOW PREVENTER TO BE FOUND TO WATTS

SERIES LF919QT. APPROVED MANUFACTURERS OF EQUAL PRODUCTS

e. ADJUST ALL STOPS AND VALVES PROPERLY PRIOR TO PROJECT

MANUFACTURER.

COMPLETION.

HOURS OF OPERATION.

7. TAB METERS FOR DOMESTIC WATER

DAMAGE TUBING AND ALLOWS FOR THERMAL EXPANSION. SUPPORTS

BENDS. PROTECT INSTALLED TUBING FROM DAMAGE. INSTALL METAL

MANIFOLD TYPE FITTINGS SHALL BE UTILIZED AT BRANCHES IN ROOMS

UTILIZE EXPANDER TOOLS RECOMMENDED BY MANUFACTURER FOR

LENGTHS, AS DIRECTLY AS POSSIBLE TO REMOTE MANIFOLD WITH MINIMUM

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

COMPOUNDS, FIREWALL PENETRATION SEALING COMPOUNDS, AND

PETROLEUM BASED SEALANTS. DO NOT ALLOW TUBING TO COME

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

ASTM F441 AND THE MARKING ON THE FITTINGS MEETS THE REQUIREMENTS

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

WITH POTABLE WATER. DIMENSIONS, TOLERANCES AND PHYSICAL

FITTINGS ARE MANUFACTURED IN NORTH AMERICA AND MEET OR EXCEED

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

FITTINGS ARE FXTRUDED/MOLDED FROM CPVC COMPOUNDS. THE PIPE

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

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

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

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

c. INTERIOR SANITARY, WASTE, AND VENT PIPING:

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

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

INTERNATIONAL AND CONFORM WITH ASTM C1540 PERFORMANCE REQUIREMENTS (SHEAR, DEFLECTION AND UNRESTRAINED THRUST TESTS). d. COORDINATE WITH LOCAL AUTHORITIES FOR DRAINAGE REQUIREMENTS FOR EQUIPMENT DESIGNATED WITH INDIRECT WASTE TO FLOOR DRAINS. PROVIDE PIPED DRAIN TO SANITARY IF REQUIRED BY LOCAL JURISDICTION.

- a. PROVIDE FLOOR DRAINS IN ALL TOILET ROOMS THAT HAVE MORE THAN ONE WATER CLOSET OR URINAL.
- b. PROVIDE FLOOR DRAINS FOR ALL EQUIPMENT PRODUCING CONDENSATE AND THAT HAVE DRAIN CONNECTIONS. c. FLOOR DRAINS IN FINISHED AREAS TO BE PVC BODY, DOUBLE DRAINAGE
- FLANGE, WEEP HOLES, WITH 6" DIAMETER NICKEL BRONZE STRAINER. d. FLOOR DRAINS IN MECHANICAL SPACE TO BE PVC BODY, DOUBLE DRAINAGE FLANGE, WEEP HOLES, WITH 9" DIAMETER HEAVY-DUTY DUCTILE IRON STRAINER.
- e. PROVIDE CAST IRON BODIED FLOOR DRAINS WHERE DRAINS ARE INSTALLED IN A PLENUM (MECHANICAL ROOMS THAT ARE USED AS

12. TRAP SEAL PROTECTION

a. TRAP SEALS SUBJECT TO EVAPORATION SHALL BE PROTECTED BY ONE OF THE METHODS BELOW, AS APPROVED BY THE LOCAL PLUMBING AUTHORITY HAVING JURISDICTION:

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

a. CONNECT NEW STORM PIPING TO EXISTING SEWER LATERAL.

b. CUT AND PATCH BASEMENT SLAB AS REQUIRED TO INSTALL NEW STORM c. PROVIDE NEW PRIMARY AND SECONDARY ROOF DRAINS AND ASSOCIATED PRIMARY AND SECONDARY STORM PIPING SYSTEMS WHERE INTERIOR DRAINS ARE SHOWN ON ARCHITECTURAL ROOF PLAN. SECONDARY ROOF

DRAINS SHALL BE PIPED INDEPENDENTLY FROM THE PRIMARY SYSTEM AND MUST DISCHARGE THROUGH DOWNSPOUT NOZZLES LOCATED IN THE EXTERIOR WALL AT GRADE. d. INTERIOR STORM PIPING:

i. WHERE NOT INSTALLED IN A PLENUM, ABOVEGROUND STORM PIPING

WITHIN BUILDING SHALL BE SCHEDULE 40 PVC PIPING AND FITTINGS CONFORMING TO ASTM D 2665. SOLID-WALL DRAIN PIPING WITH PV0 SOCKET SOLVENT WELD FITTINGS CONFORMING TO ASTM D2665, MADE TO

ASTM D3311, DRAIN, WASTE, AND VENT PATTERNS. 14. STORM PIPING SPECIALTIES 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

MATERIAL

USE

|GENERAL/ADA |FLOOR

MOUNTING

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

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

ADDITIONAL INFORMATION

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

21. INSULATION FOR HANDICAP ACCESSIBLE FIXTURES (WHERE NOT PROTECTED

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

22. CONCRETE HOUSEKEEPING PADS

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

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

24. ACCESS PANELS

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

25. FIRE STOPPING

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

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

DISSIMILAR METALS

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

OTHER DISSIMILAR METAL IN STRUCTURE.

28. EXCAVATION, TRENCHING & BACKFILL

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

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

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

29. CUTTING AND PATCHING a. CUT AND PATCH WALLS AND FLOORS TO MATCH BUILDING CONSTRUCTION

WHERE REQUIRED TO INSTALL ALL PLUMBING. a. INSTALL UNIONS AT FINAL CONNECTION TO EACH PIECE OF EQUIPMENT

COMMERCIAL ELECTRIC(1 UNIT)

TO FIXTURES

INSTALL DIELECTRIC COUPLINGS TO CONNECT PIPING MATERIALS OF

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



TEAMWORK • COLLABORATION SHARED SUCCESS 515 Monmouth Street, Suite 204 Newport, KY 41071 (859) 261-0585 MEP Consulting Services, Inc. in OH Copyright © 2015 THIS DOCUMENT IS THE PRODUCT AND EXCLUSIV PROPERTY OF ENGINEERED BUILDING SYSTEMS, IN NEITHER THE DOCUMENT NOR THE INFORMATION I

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

M

0 ∞

Job No: 22042 8/10/2022

PLUMBING DETAILS

Progress Dates 05/05/2023 BID P/E/FP 08/30/2024 BID SET 2 Checked By: SSS Drawn by: DAG

PIPE T & P TO 2. THE TRAFFICATION AND PRESSURE RELIEF VALVE SETTING SIMIL HOT EXCEED PRESSURE RATING OF ALL MY COMPONENT IN THE SYSTEM.

ACCEPTABLE MANUFACTURERS

AMERICAN STANDARD, KOHLER, ZURN

EDWH1 A.O SMITH MISCELLANEOUS FIXTURE SCHEDULE FIXTURE DESCRIPTION FIXTURE MANUFACTURER FIXTURE MODEL | FAUCET MANUFACTURER | FAUCET MODEL | APPROVED FIXTURE MANUFACTURERS | APPROVED FAUCET MANUFACTURER ADDITIONAL INFORMATION OVIDE WITH LOUVERED FACEPLATE # 37534. AAV1 AIR ADMITTANCE VALVE ACCOR, GUY GRAY, SIOUX CHIEF, OATEY ROVIDE FIRE-RATED BOX IF INSTALLED IN FIRE-RATED PROVIDE FIRE-RATED BOX IF INSTALLED IN FIRE-RATED IB1 | ICE MAKER WATER SUPPLY BOX MODA WITH SURE-VENT ACCOR, GUY GRAY, SIOUX CHIEF, OATEY SHOWER CONTROLS AND SHOWER KOHLER, AMERICAN STANDARD K-8459-0 LEFT - K8458-0 RIGHT|PERRLESS PTT188782-BL 75 GPM MATTE BLACK FINISH SYMMONS, POWERS, DELTA SHOWER CONTROLS AND SHOWER KOHLER, AMERICAN STANDARD K-8639-0 LEFT - K8638-0 RIGHT|PEERLESS PTT188782-BL .75 GPM MATTE BLACK FINISH SYMMONS, POWERS, DELTA KOHLER, AMERICAN STANDARD BT1 BATH TUB AMERICAN STANDARD PRINSTON 60" PTT188792-BL MATTE B:ACK FINSH SYMMONS, POWERS, DELTA PULL DOWN HEAD STAINLES STEEL FINISH 1.5 GPM ELKAY, JUST, MOEN, DELTA KS1 KITCHENETTE SINK LOMOSA 24" PEERLESS P188152LF ELKAY, JUST V/CRUMB CUP STRAINER PROVIDE FIRE-RATED BOX IF INSTALLED IN FIRE-RATED WB1 WASHER SUPPLY/DRAIN BOX SYMMONS, GUY GRAY, SIOUX CHIEF, OATEY N/A DRAIN SCHEDUL

PHASE

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

NOT APPLICABLE

										LAVATORY SO	HEDULE						
MARK	LAVATORY DESCRIPTION	FIXTURE MANUFACTURER	FIXTURE MOD	DEL FAUCET MANUFACTURE	R FAUCET N	MODEL	MATERIAL	USE	MOUNTING	STYLE	CONTROL	FLOW RATE DR	RAIN	APPROVED FIXTURE MANUFACTURERS	APPROVED FAUCET MANUFACTURERS	ADDITIONAL INFORMATION	
LV1	UNDERMOUNT	KOHLER	K-2000	DELTA	MODERN BLAC	CK FINISH	CHINA	GENERAL	UNDERMOUNT	UNDERMOUNT	MANUAL	1 POP	P-UP	AMERICAN STANDARD, KOHLER, ZURN	AMERICAN STANDARD, KOHLER, ZURN, BRADLEY, CHICAGO FAUCET, SPEAKMAN, T&S, SYMMONS, POWERS, MOEN, DELTA	INSULATE SUPPLIES & DRAIN WHERE NOT PROTEC	CTED
LV2	UNDERMOUNT	DURAVIT	316530017	DELTA	MODERN BLAC	CK FINISH	CHINA	ADA	UNDERMOUNT	N/A	MANUAL	1 GRIE	D	AMERICAN STANDARD, KOHLER, ZURN	AMERICAN STANDARD, KOHLER, ZURN, BRADLEY, CHICAGO FAUCET, SPEAKMAN, T&S, SYMMONS, POWERS, MOEN, DELTA	INSULATE SUPPLIES & DRAIN WHERE NOT PROTEC	CTED
	•	<u>, </u>	•				•	•		W	ATER CLOSET SCHED	ULE	•				
NAA DIC	WATER CLOSET RESCRIPTION	IVILIDE MAANUIE A CILIDED	FIVELDEA	FLU	SH VALVE	FLUSH V	ALVE MODEL	TEDIAL	LICE MAG	NUNTING	TVI F FILICI	LV/ALV/E TVDE	NITOOL	FLOW BATE SEAT T	A COURT A RILE A MA NILLEA CTURERO	A DDDOVED ELLICITY (A LVE MANULEA CTUDEDC	A DOITIO

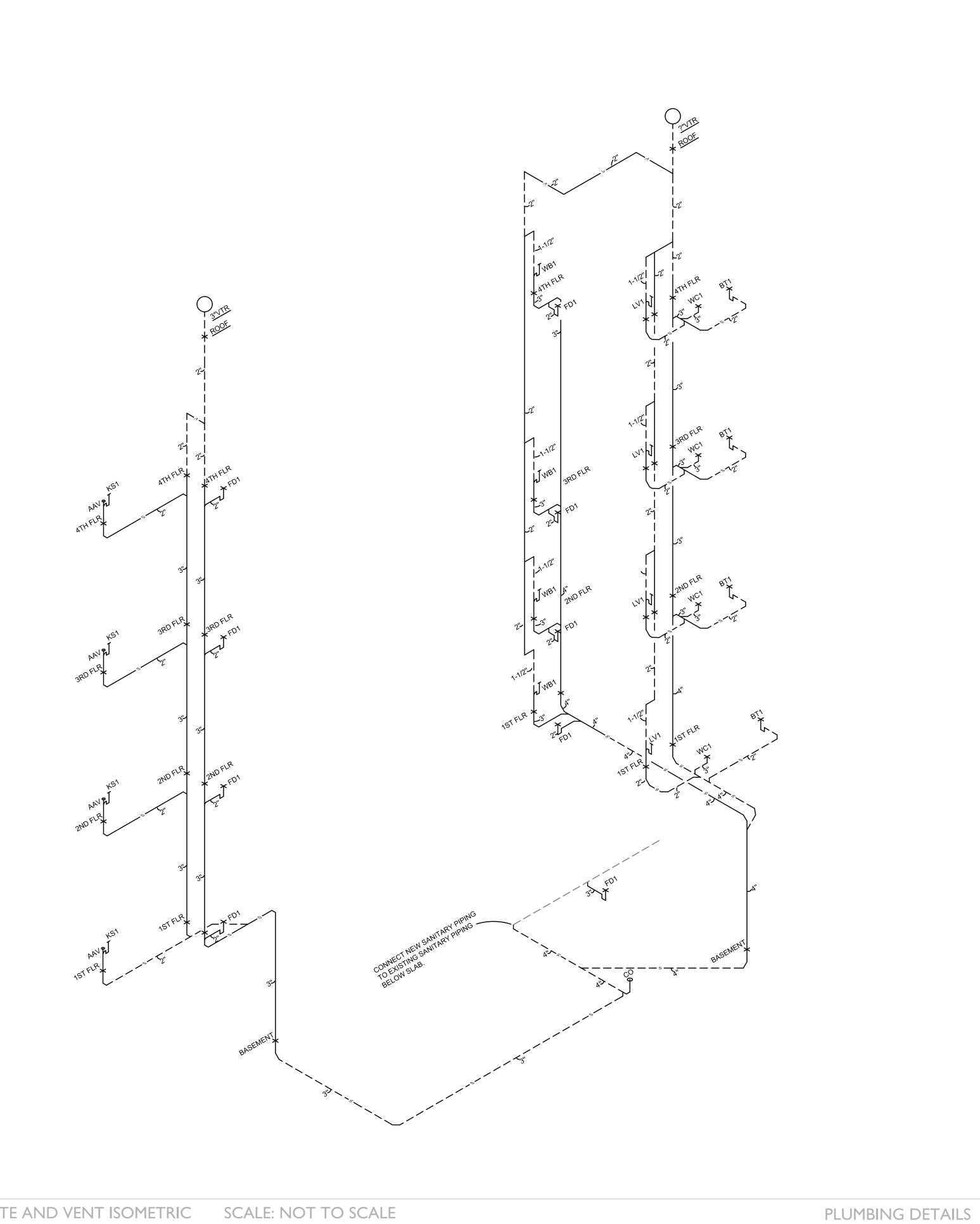
| FLUSH VALVE TYPE

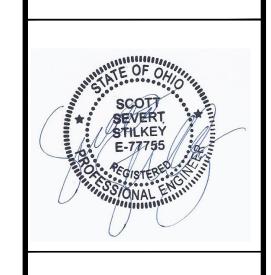
CONTROL

FLOW RATE

SEAT-TYPE

APPROVED FLUSH VALVE MANUFACTURERS | ADDITIONAL INFORMATION





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

Checked By: SSS



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

THIS DOCUMENT IS THE PRODUCT AND EXCLUSIVE
PROPERTY OF ENGINEERED BUILDING SYSTEMS, INC.
NEITHER THE DOCUMENT NOR THE INFORMATION IT
CONTAINS MAY BE USED FOR OTHER THAN THE
SPECIFIC PURPOSE FOR WHICH IT WAS PREPARED
WITHOUT WRITTEN CONSENT OF ENGINEERED
BUILDING SYSTEMS, INC.

REPUBLIC

Job No: 22042 8/10/2022

P2.01