

OBC SECTION 3412 - COMPLIANCE ALTERNATIVES

THE FOLLOWING IS A SECTION 3412 EVALUATION FOR THE MERCANTILE LIBRARY BUILDING, FLOORS 3-13. THE PORTION OF THE BUILDING ANALYZED UNDER SECTION 3412 IS SEPARATED FROM REMAINING PORTIONS OF THE BUILDING BY 2-HR FIRE RATED CONSTRUCTION. SECTION 3412.2 OBC REQUIRES A 1-HR FIRE RATING; AN EXISTING 2-HR FIRE RATING IS PROVIDED.

| GENERAL BUILDING INFO: | | |
|-----------------------------|--------------------------------|--|
| EXISTING CONSTRUCTION TYPE: | PROPOSED CONSTRUCTION TYPE: | IF (NO CHANGE) |
| OCCUPANCY: | | |
| BASEMENT: | EXISTING | PROPOSED |
| 1ST FLOOR: | S-1 MECHANICAL / STORAGE | S-1 MECHANICAL / STORAGE (NO CHANGE) |
| 2ND FLOOR: | R-1A LOBBY | R-1A LOBBY (NO CHANGE) |
| 3RD - 13TH FLOOR: | B OFFICE | B OFFICE (NO CHANGE) |
| 11TH FLOOR: | R-2 RESIDENTIAL | R-2 RESIDENTIAL |
| 12TH FLOOR: | A-3 LIBRARY (NO CHANGE) | A-3 LIBRARY (NO CHANGE) |
| 13TH FLOOR: | B OFFICE | B OFFICE |
| PENHOUSE: | B OFFICE / S-1 MECH. / STORAGE | B OFFICE / S-1 MECH. / STORAGE (NO CHANGE) |
| | S-1 MECHANICAL PENHOUSE | S-1 MECHANICAL PENHOUSE (NO CHANGE) |

* THIS PERMIT APPLICATION INCLUDES CHANGING THE USE TO A-3 ON THE 12TH FLOOR. FUTURE RENOVATION WORK ON THIS FLOOR WILL BE SUBMITTED UNDER A SEPARATE PERMIT APPLICATION.

SECTION 34: EXISTING BUILDINGS AND STRUCTURES:

3412 COMPLIANCE ALTERNATIVES: THE BUILDING HAS BEEN EVALUATED UNDER SECTION 3412, COMPLIANCE ALTERNATIVES, AND WILL COMPLY WITH THE PROVISIONS OF THIS SECTION AS OUTLINED IN THE FOLLOWING SUMMARY.

3412.1 EVALUATION PROCESS: THE BUILDING HAS BEEN EVALUATED FOR USE GROUPS R-2, B, A-3, S-1, TYPE B CONSTRUCTION; AND BUILDING SCORE CHART THIS SHEET.

3412.1.1 BUILDING HEIGHT AND NUMBER OF STORES (USE GROUPS R-2, B, A-3, S-1, TYPE B CONSTRUCTION):
 HEIGHT VALUE, FEET = $1400 + (46000 \times 0.01)$
 HEIGHT VALUE, STORES = (46000×0.01)
 USE GROUP R-2, B, A-3, S-1
 EBH = 175.45' / 4H = 180
 ES = 13 STORES / 4S = 12 STORES

HEIGHT VALUE, FEET = $(180) \times 1.5 = 270$
 HEIGHT VALUE, STORES = $(12-13) \times 1.5 = 15$

THE LESSER VALUE OF THE TWO CALCULATIONS IS TAKEN = 15 PTS.

3412.2 BUILDING AREA (USE GROUPS R-2, B, A-3, S-1, TYPE B CONSTRUCTION):

3412.2.1 ALLOWABLE AREA FORMULA:
 ALLOWABLE AREA FORMULA
 $A = A + NEX$
 $A_1 = 144,000$
 $N = 48,000$
 $N_1 =$ NOT ELIGIBLE FOR PRORATE INCREASE PER 504.3.1
 ALLOWABLE AREA = $144,000 + (48,000 \times 0) = 144,000$
 ACTUAL AREA = 8,920 GSF (FOOTPRINT, FLOORS 3-13)
 AREA VALUE = $(144,000 / 1000) \times (1) = 144$ (ACTUAL AREA/ALLOWABLE AREA)
 AREA VALUE = $(144,000 / 1000) \times (1) = 144$ (ACTUAL AREA/ALLOWABLE AREA)
 MAX FIRE SAFETY SCORE = $15 \times 50 = 750$ PTS.
 AREA PER TABLE 504.2, POINTS CAPPED AT HALF THE MANDATORY MINIMUM FIRE SAFETY SCORE.
 BUILDING AREA VALUE = FIRE SAFETY SCORE MIN / 2
 $= 750 / 2 = 375$ PTS.

3412.3 COMPARTMENTATION:

COMPARTMENT SIZE GREATER THAN 15,000 SF
 CATEGORY A = 0 PTS.

3412.4 TENANT AND DWELLING UNIT SEPARATIONS:

SEPARATION WILL BE ACHIEVED BY 1 HOUR RATED FIRE BARRIERS CONSTRUCTED IN ACCORDANCE WITH SECTION 707 AND 2 HR RATED FLOOR ASSEMBLIES COMPLYING WITH SECTION 711.
 (USE GROUP R-2, B, A-3, S-1)
 CATEGORY B = 2 PTS.

3412.5 CORRIDOR WALL VALUES:

NEW CORRIDOR WALLS ON FLOORS 4-13 WILL HAVE A 1-HOUR FIRE RESISTANCE RATING AND 20-MINUTE RATED OPENING PROTECTIVES* (USE GROUP R-2, B, A-3, S-1) CATEGORY C
 CATEGORY C = 0 PTS.
 *NEW CORRIDOR WALLS ON FLOOR 3 WILL HAVE A 2-HOUR FIRE RESISTANCE RATING AND 90-MINUTE RATED OPENING PROTECTIVES.

3412.6 VERTICAL OPENINGS:

ENCLOSURES AT VERTICAL OPENINGS (NEW AND EXISTING ELEVATOR SHAFTS, EXIT STAIR ENCLOSURE, TRASH CHUTE SHAFT, MECHANICAL SHAFTS) HAVE / WILL HAVE A PROTECTION OF 2 HOURS WITH 90-MINUTE RATED OPENING PROTECTIVES ON THE 3RD-13TH FLOOR, AS PERMITTED PER 3412.6.4. THERE ARE EXISTING VERTICAL OPENINGS (EXIT ACCESS STAIRS, C, D AND STAIR E) THAT CONFORM TO REQUIREMENTS OF SECTION 712.1.9, AS PART OF FUTURE 11TH AND 12TH FLOOR LIBRARY RENOVATION WORK. A NEW OPEN STAIR BETWEEN THE 11TH AND 12TH FLOOR IS PLANNED, WHICH WILL ALSO COMPLY WITH SECTION 712.1.9.

MAXIMUM VALUE IS CAPPED AT 2 PTS. DUE TO THE EXISTING COMPLYING UNENCLOSED VERTICAL OPENING (SPIRAL STAIR) BETWEEN THE 11TH AND 12TH FLOOR AND THE EXISTING COMPLYING UNENCLOSED VERTICAL OPENING STAIR BETWEEN THE 12TH AND 13TH FLOOR.

VERTICAL OPENING VALUE = $PV \times CF$
 VERTICAL OPENING VALUE = $2 \times 1.5 = 3$ PTS.
 MAXIMUM POSITIVE VALUE = 2 PTS.

3412.7 HVAC SYSTEM:

HVAC SYSTEMS TO COMPLY WITH SECTION 1000.5 AND SECTION 602 OF THE MECHANICAL CODE. DUCTWORK EXTENDS TO ADJACENT FLOORS. HVAC SYSTEM IS DESIGN-BUILD - TO BE COVERED UNDER A SEPARATE PERMIT.
 CATEGORY D = 0 PTS.

3412.8 AUTOMATIC FIRE DETECTION:

NEW SMOKE DETECTORS WILL BE INSTALLED THROUGHOUT THE FLOOR AREA.
 CATEGORY E = 6 PTS.

3412.9 FIRE ALARM SYSTEM:

NEW FIRE ALARM SYSTEM WILL BE INSTALLED IN ACCORDANCE WITH SECTION 907. NEW FIRE ALARM SYSTEM WILL BE EQUIPPED WITH A REQUIRED EMERGENCY VOICE / ALARM COMMUNICATIONS SYSTEM AND A FIRE COMMAND CENTER THAT CONFORMS TO SECTION 911 AND CONTAINS THE EMERGENCY VOICE / ALARM COMMUNICATIONS SYSTEM CONTROLS, FIRE DEPARTMENT COMMUNICATION SYSTEM CONTROLS AND ANY OTHER CONTROLS SPECIFIED IN SECTION 911 WHERE THOSE SYSTEMS ARE PROVIDED. NEW FIRE ALARM SYSTEM IS TO BE CONNECTED TO THE ADJACENT FORMICA BUILDING FIRE ALARM SYSTEM. REFER TO THE COMMITMENT LETTER PROVIDED BY THE PROPERTY OWNER ON THIS SHEET.
 CATEGORY B = 5 PTS.

3412.10 SMOKE CONTROL:

THERE IS NO SMOKE CONTROL.
 CATEGORY A = 0 PTS.

3412.11 MEANS OF EGRESS CAPACITY:

COMPLIANCE WITH MEANS OF EGRESS REQUIREMENTS ACHIEVED WITH FIRE ESCAPE.
 CATEGORY A = 10 PTS.
 INCLUDES AN ADDITIONAL -10 POINTS FOR BUILDINGS OVER SIX STORES IN HEIGHT AS REQUIRED BY FOOTNOTE "A" IN TABLE 3412.6.11

TOTAL FOR CATEGORY = 20 PTS.
 REFER TO THE COMMITMENT LETTER PROVIDED BY THE PROPERTY OWNER ON THIS SHEET REGARDING NECESSARY EASEMENTS FOR THE EXITING PATH AT EXIT STAIR 'B' AND THE EXITING FIRE ESCAPE.

3412.12 DEAD ENDS:

NO DEAD ENDS = CATEGORY C
 CATEGORY C = 2 PTS.

3412.13 MAX. EXIT ACCESS TRAVEL DISTANCE:

POINTS = 20 X MAX. ALLOWABLE TRAVEL DISTANCE - MAX. ACTUAL TRAVEL DISTANCE
 MAX. ALLOWABLE TRAVEL DISTANCE

USE GROUP R-2, B, A-3, S-1
 POINTS = $20 \times 207 - 207$
 POINTS = 1304 PTS.

3412.14 ELEVATOR CONTROL:

(2) EXISTING ELEVATORS TO BE UPGRADED TO INCLUDE PHASE I AND PHASE II RECALL AS REQUIRED BY THE FIRE CODE. A NEW ELEVATOR SERVING FLOORS 1-10 WILL ADDITIONALLY HAVE PHASE I AND PHASE II RECALL.
 CATEGORY C = 0 PTS.

3412.15 MEANS OF EGRESS EMERGENCY LIGHTING:

MEANS OF EGRESS LIGHTING AND EXIT SIGNS WILL BE PROVIDED IN ACCORDANCE WITH CHP. 27. EMERGENCY POWER PROVIDED TO MEANS OF EGRESS LIGHTING AND EXIT SIGNS WILL PROVIDE PROTECTION IN THE EVENT OF POWER FAILURE TO THE SITE OR BUILDING.
 CATEGORY C = 4 PTS.

3412.16 MIXED OCCUPANCIES:

THIS BUILDING IS BEING EVALUATED AS AN UNSEPARATED MIXED USE BUILDING.
 TABLE VALUE = 0 PTS.

3412.17 AUTOMATIC SPRINKLERS:

SPRINKLERS ARE REQUIRED THROUGHOUT AND WILL BE PROVIDED IN ACCORDANCE WITH CH. 9.
 CATEGORY E (R, A-3, S-1) = 4 PTS.

3412.18 STANDPIPPES:

STANDPIPPES ARE REQUIRED AND WILL BE PROVIDED IN ACCORDANCE WITH SECTION 905.
 CATEGORY C (R, A-3, S-1) = 2 PTS.

3412.19 INCIDENTAL USES:

NO AREA EVALUATED
 TABLE VALUE = 0 PTS.

SECTION 3412: EXISTING BUILDINGS AND STRUCTURES (CONTINUED):

3412.7 SUMMARY SHEET - BUILDING SCORE:

| EXISTING OCCUPANCY: A-3 / B / S-1 | PROPOSED OCCUPANCY: A-3 / R-2 / B / S-1 |
|---|--|
| YEAR BUILDING WAS CONSTRUCTED: 1904 | NUMBER OF STORES: 13 + PENHOUSE |
| TYPE OF CONSTRUCTION: B | HEIGHT IN FEET: 175'-0" |
| PERCENTAGE OF OPEN PERIMETER INCREASE: N/A | AREA PER FLOOR: 8,920 GSF (FOOTPRINT, FLOORS 3-13) |
| COMPLETELY SUPPRESSED: YES: <input type="checkbox"/> NO: <input type="checkbox"/> | CORRIDOR WALL RATINGS: 1 HR |
| COMPARTMENTATION: YES: <input checked="" type="checkbox"/> NO: <input type="checkbox"/> | REQUIRED DOOR CLOSERS: YES: <input type="checkbox"/> NO: <input checked="" type="checkbox"/> |
| FIRE RESISTANCE RATING OF VERTICAL OPENING ENCLOSURES: 2 HR | |
| TYPE OF HVAC SYSTEM: HVAC SYSTEM IS DESIGN-BUILD AND IS TO BE COVERED UNDER A SEPARATE PERMIT. | |
| AUTOMATIC FIRE DETECTION: YES: <input checked="" type="checkbox"/> NO: <input type="checkbox"/> | TYPE AND LOCATION: NEW SMOKE DETECTORS THROUGHOUT |
| FIRE ALARM SYSTEM: YES: <input checked="" type="checkbox"/> NO: <input type="checkbox"/> | TYPE: NEW FIRE ALARM SYSTEM WILL BE INSTALLED IN ACCORDANCE WITH SECTION 907. NEW FIRE ALARM SYSTEM WILL BE EQUIPPED WITH A REQUIRED EMERGENCY VOICE / ALARM COMMUNICATIONS SYSTEM AND A FIRE COMMAND CENTER THAT CONFORMS TO SECTION 911 AND CONTAINS THE EMERGENCY VOICE / ALARM COMMUNICATIONS SYSTEM CONTROLS, FIRE DEPARTMENT COMMUNICATION SYSTEM CONTROLS AND ANY OTHER CONTROLS SPECIFIED IN SECTION 911 WHERE THOSE SYSTEMS ARE PROVIDED. NEW FIRE ALARM SYSTEM IS TO BE CONNECTED TO THE ADJACENT FORMICA BUILDING FIRE ALARM SYSTEM. REFER TO THE COMMITMENT LETTER PROVIDED BY THE PROPERTY OWNER ON THIS SHEET. |
| SMOKE CONTROL: YES: <input checked="" type="checkbox"/> NO: <input type="checkbox"/> | TYPE: NONE |
| ADEQUATE EXIT ROUTES: YES: <input checked="" type="checkbox"/> NO: <input type="checkbox"/> | DEAD ENDS: YES: <input checked="" type="checkbox"/> NO: <input type="checkbox"/> |
| MAXIMUM EXIT ACCESS TRAVEL DISTANCE: 87' | ELEVATOR CONTROLS: YES: <input checked="" type="checkbox"/> NO: <input type="checkbox"/> |
| MEANS OF EGRESS EMERGENCY LIGHTING: YES: <input checked="" type="checkbox"/> NO: <input type="checkbox"/> | MIXED OCCUPANCIES: YES: <input checked="" type="checkbox"/> NO: <input type="checkbox"/> (UNSEPARATED) |

| SAFETY PARAMETER | CAL. | FIRE SAFETY | | | | | MEANS OF EGRESS | | | | | GENERAL SAFETY | | | | |
|---------------------------------------|------|-------------|------|------|------|-------|-----------------|------|------|------|-------|----------------|------|------|------|-------|
| | | R-2 | B | A-3 | S-1 | FINAL | R-2 | B | A-3 | S-1 | FINAL | R-2 | B | A-3 | S-1 | FINAL |
| 3412.6.1 BUILDING HEIGHT | - | -1.5 | -1.5 | -1.5 | -1.5 | -1.5 | -1.5 | -1.5 | -1.5 | -1.5 | -1.5 | -1.5 | -1.5 | -1.5 | -1.5 | -1.5 |
| 3412.6.2 BUILDING AREA | - | 9 | 9 | 9 | 7.5 | 7.5 | 9 | 9 | 9 | 7.5 | 7.5 | 9 | 9 | 9 | 7.5 | 7.5 |
| 3412.6.3 COMPARTMENTATION | A | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3412.6.4 DWELLING UNIT SEPARATIONS | D | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 3412.6.5 CORRIDOR WALLS | C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3412.6.6 VERTICAL OPENINGS | - | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 3412.6.7 HVAC SYSTEM | D | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3412.6.8 FIRE DETECTION | E | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 3412.6.9 FIRE ALARM SYSTEM | D | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 3412.6.10 SMOKE CONTROL | A | - | - | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3412.6.11 MEANS OF EGRESS* | A | - | - | - | - | - | -13 | -11 | -20 | -11 | -20 | -13 | -11 | -20 | -11 | -20 |
| 3412.6.12 DEAD ENDS | C | - | - | - | - | - | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 3412.6.13 EXIT ACCESS TRAVEL DISTANCE | - | - | - | - | - | - | 13 | 142 | 13 | 13 | 13 | 13 | 142 | 13 | 13 | 13 |
| 3412.6.14 ELEVATOR CONTROLS | C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3412.6.15 EMERGENCY LIGHTING | C | - | - | - | - | - | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 3412.6.16 MIXED OCCUPANCIES | - | 0 | 0 | 0 | 0 | 0 | - | - | - | - | - | - | - | - | - | - |
| 3412.6.17 SPRINKLERS | E | 4 | 6 | 4 | 4 | 4 | 2 | 3 | 2 | 2 | 2 | 4 | 6 | 4 | 4 | 4 |
| 3412.6.18 STANDPIPPES | C | 4 | 6 | 4 | 4 | 4 | 4 | 6 | 4 | 4 | 4 | 4 | 6 | 4 | 4 | 4 |
| 3412.6.19 ACCESSORY OCCUPANCIES | N/A | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| POINT TOTAL | | | | | | | 29.0 | | | | 34.0 | | | | 28.0 | |
| REQUIRED POINT MINIMUM (5-1) | | | | | | | 15 | | | | 25 | | | | 25 | |

* INCLUDES AN ADDITIONAL -10 POINTS FOR BUILDINGS OVER SIX STORES IN HEIGHT AS REQUIRED BY FOOTNOTE "A" IN TABLE 3412.6.11.

PROPERTY OWNER COMMITMENT LETTERS

October 26, 2022

To: Art Dahlberg, Chief Building Official
 Director of Buildings and Inspections
 City of Cincinnati

RE: Mercantile Library Building - Permit 2022 P07055

Model Construction, in conjunction with our design-build fire alarm contractor, will follow the codes and requirements outlined in OBC 3412.6.9 Category D for the Mercantile Library Building fire alarm system. As the design of the system begins, we will meet with the chief building official and the fire department to decide if one fire alarm system for the Library building alone is best or if connecting the system with the concurrent adjacent renovation project and its command center is best. We understand that the individual fire alarm system for each building will need to communicate and, in some locations, work together. When the design of the fire alarm system is complete, the fire alarm systems will be submitted for review and permitting before installation commences.

Sincerely,

 Dan Boerger
 Project Executive
 Model Construction
 cc: Deanna Hell and Laura Murray - City Studios Architecture

1826 Race Street • Cincinnati, Ohio • 45202
 P: 513.559.0048 • F: 513.559.4078 • www.modelgroup.net

October 26, 2022

Art Dahlberg
 Director, Department of Buildings & Inspections
 City of Cincinnati
 805 Central Ave
 Cincinnati, Ohio 45202

RE: 414 Walnut Street Building Permit #2022P07055

Mr. Dahlberg,

I am writing as a representative of the owner of 414 Walnut Street, MCA Center, LLC. We are aware of the required easements - Exit Stair B and the Fire Escape - necessary to receive a building permit and have been in communication with the adjacent building owners to secure these easements. All parties involved have agreed to provide the easements, which are currently in process of being drawn and drafted for City review and eventual recording. Although not quite ready yet, we are committed to having the necessary easements finalized and recorded prior to building completion and occupancy.

Thank you for your help with this matter. If you have any questions or need anything further, please do not hesitate to reach out to me at 513-559-5896 or jchamlee@modelgroup.net.

Sincerely,

 Jason Chamlee
 Vice President of Mixed-Use Development
 The Model Group

DEVELOPMENT • CONSTRUCTION • MANAGEMENT

513.559.0048 Int 1826 Race Street
 513.559.0040 Fax Cincinnati, Ohio 45202

ALTERNATIVE ENGINEERED DESIGN APPROVAL - RE: OBC SECTION 3406.5, OPENING PROTECTIVES

August 30, 2022

City Studios Architecture
 Attn: Laura Murray
 1148 Main Street
 Cincinnati, OH 45202

RE: Alternative Engineered Design request for 414 Walnut Street, APD #2022P07055

Dear Ms. Murray,

This letter is in response to your request for consideration under the 2017 Ohio Building Code (OBC) Section 106.5, Alternative Engineered Design, for the partial change in occupancy to the building located at 414 Walnut Street.

In your request dated August 26, 2022, you asked for consideration for opening protectives adjacent to fire escapes as required by OBC Section 3406.5. In the Alternative Engineered Design request, it was proposed that in lieu of opening protectives, the following approach is being proposed:

- Water curtains are to be installed at the interior of each window along the existing fire escape to protect the opening.
- Sprinkler contractor shall submit documentation demonstrating 100% coverage of the opening to the Department of Buildings & Inspections.
- Smoke detectors shall be installed in each room in which a water curtain is to protect window glazing. Such smoke detectors shall be interconnected to the existing fire alarm system.
- Dwelling unit smoke detectors shall be hardwired and interconnected to the other smoke detectors within the same dwelling unit. Inside dwelling units, only the smoke detector(s) which are installed as required for water curtains are to be interconnected to the fire alarm; the other smoke detectors in the dwelling unit are interconnected to each other, but not to the fire alarm system.
- Plastic piping shall not be exposed.

Based on the factors listed above, we accept the proposed Alternative Engineered Design as equivalent to the code requirements in the OBC for fire opening protectives.

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

Sincerely,

 Art Dahlberg, Chief Building Official
 Director of Buildings & Inspections

attachment: Alternative Engineered Design request dated August 26, 2022

cc: John Schueler, Senior Building Plans Examiner
 Robert Martin, Division Manager of Building Plans Examination
 Chief Kenneth Caldwell, Cincinnati Fire District
 Gregory Phelan Jr., District Chief of Fire Prevention/Risk Reduction

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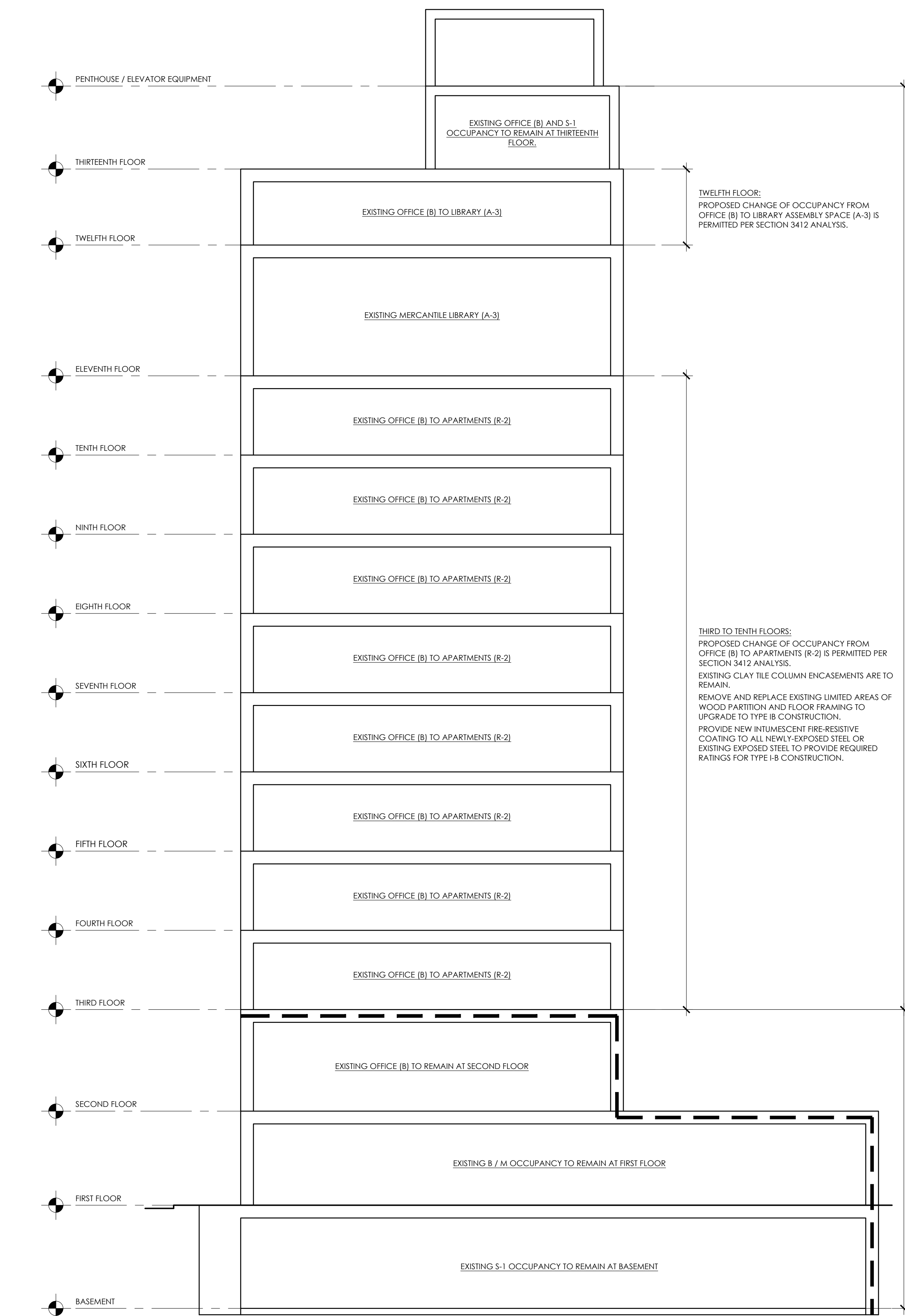
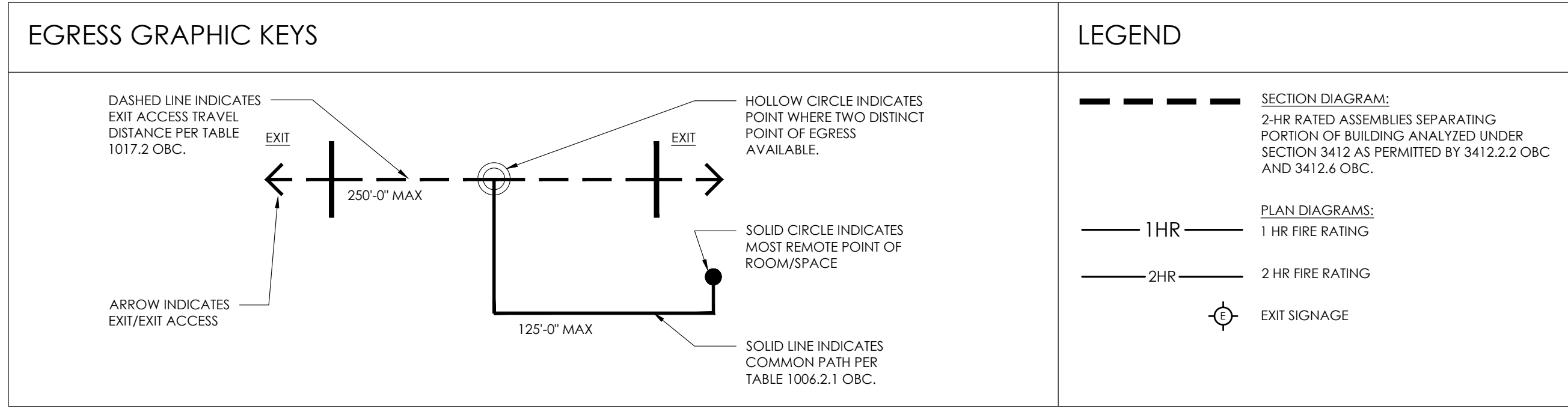
MERCANTILE LIBRARY BUILDING
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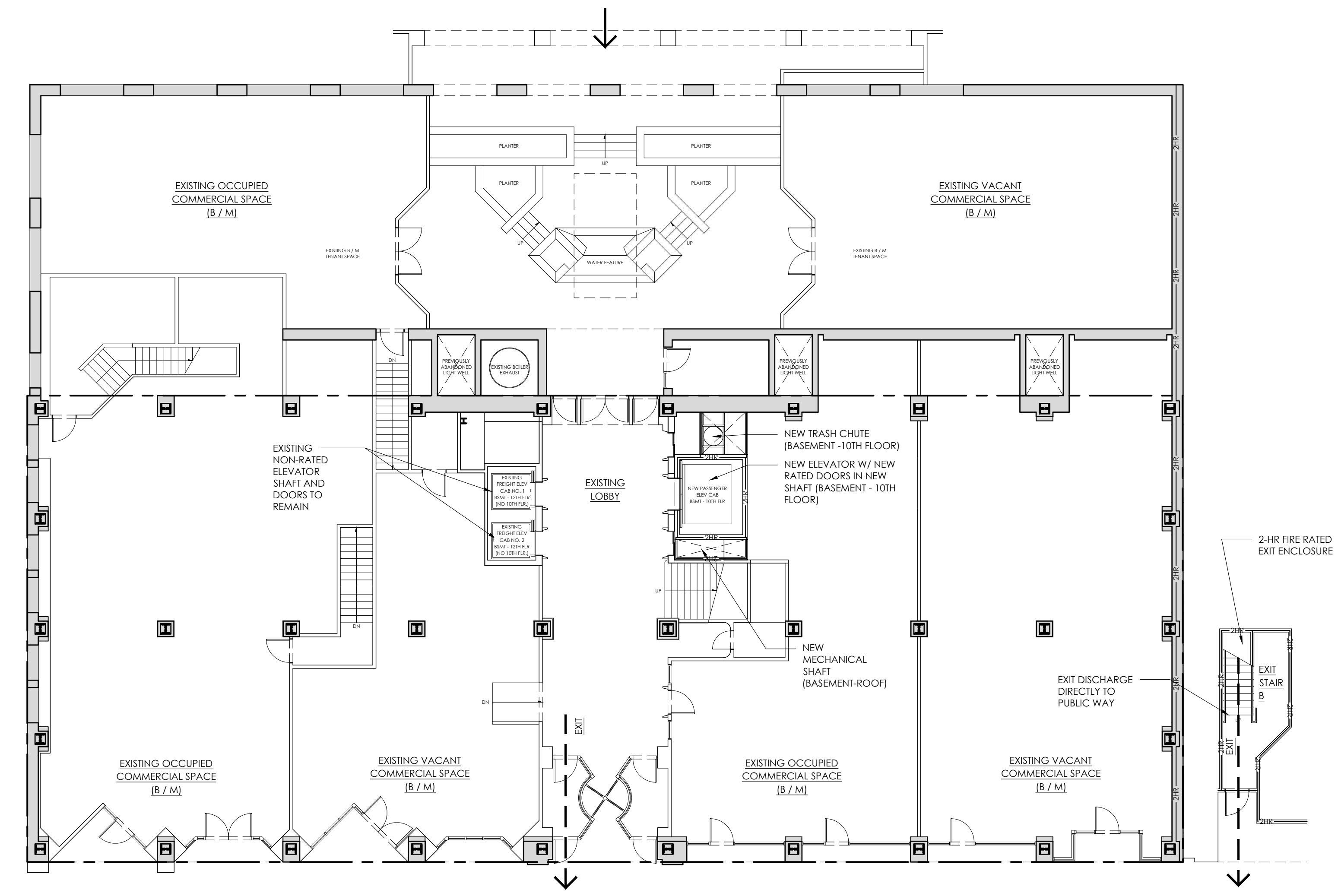
ISSUE LOG:
 08.17.2022 ISSUE FOR PERMIT
 10.27.2022 PERMIT REVISION 1

SECTION 3412 ANALYSIS

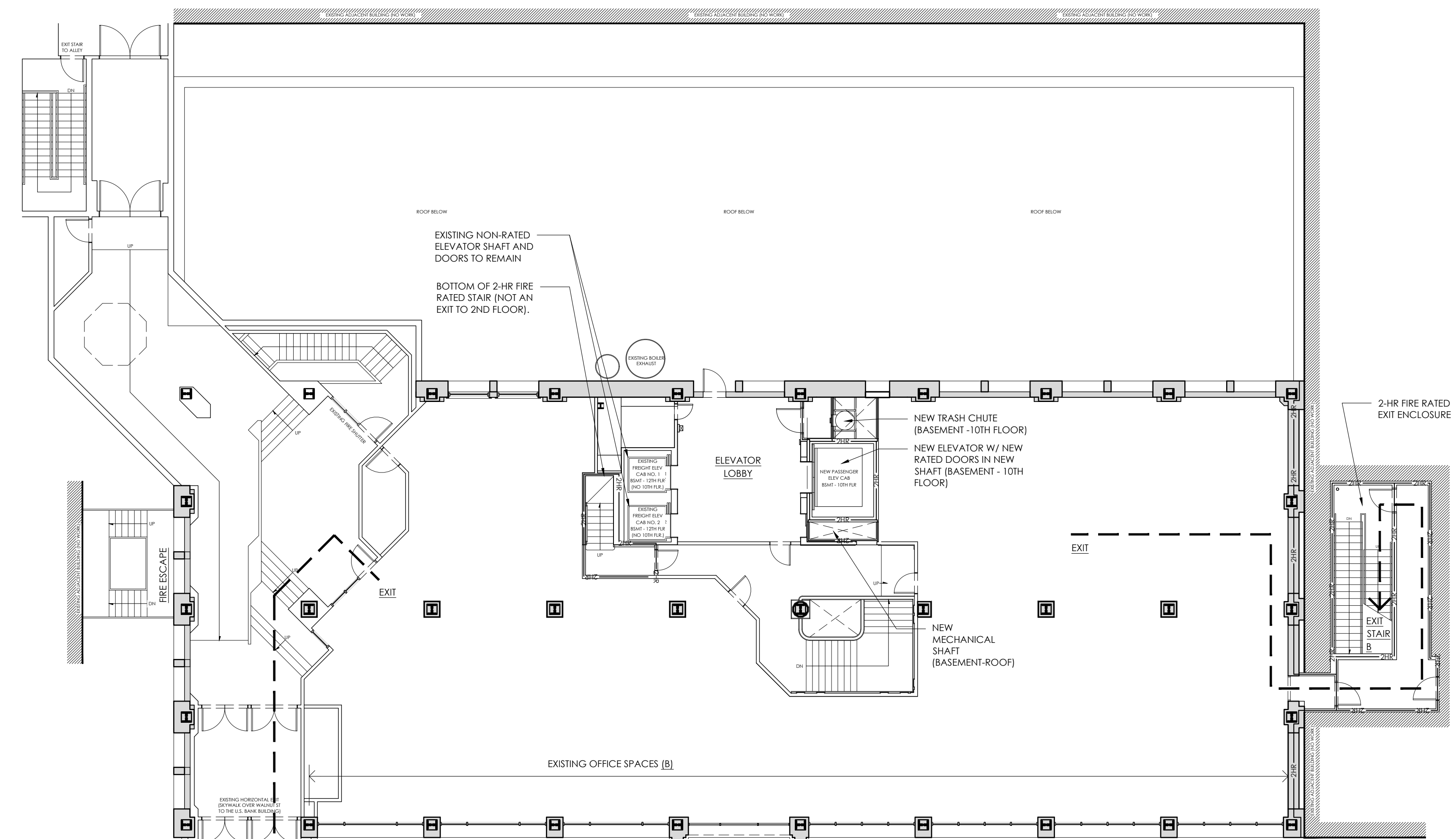
A0.1a



SECTION DIAGRAM
A0.1b
3/32" = 1'-0"

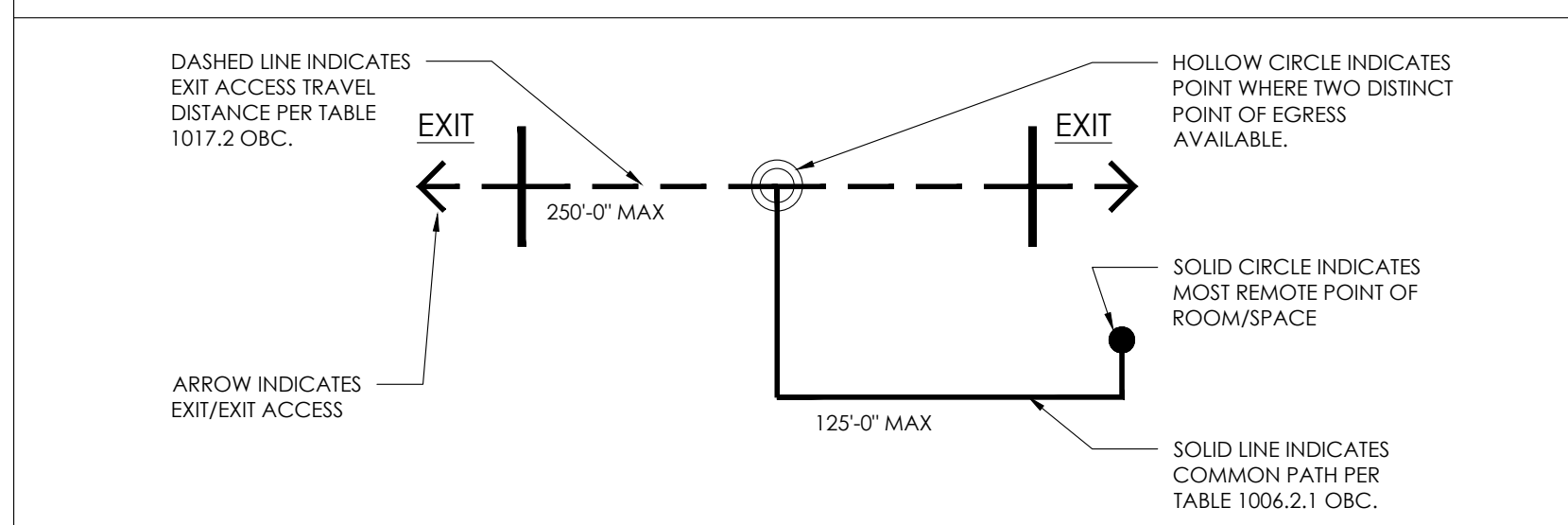


FIRST FLOOR PLAN DIAGRAM
A0.1b
3/32" = 1'-0"

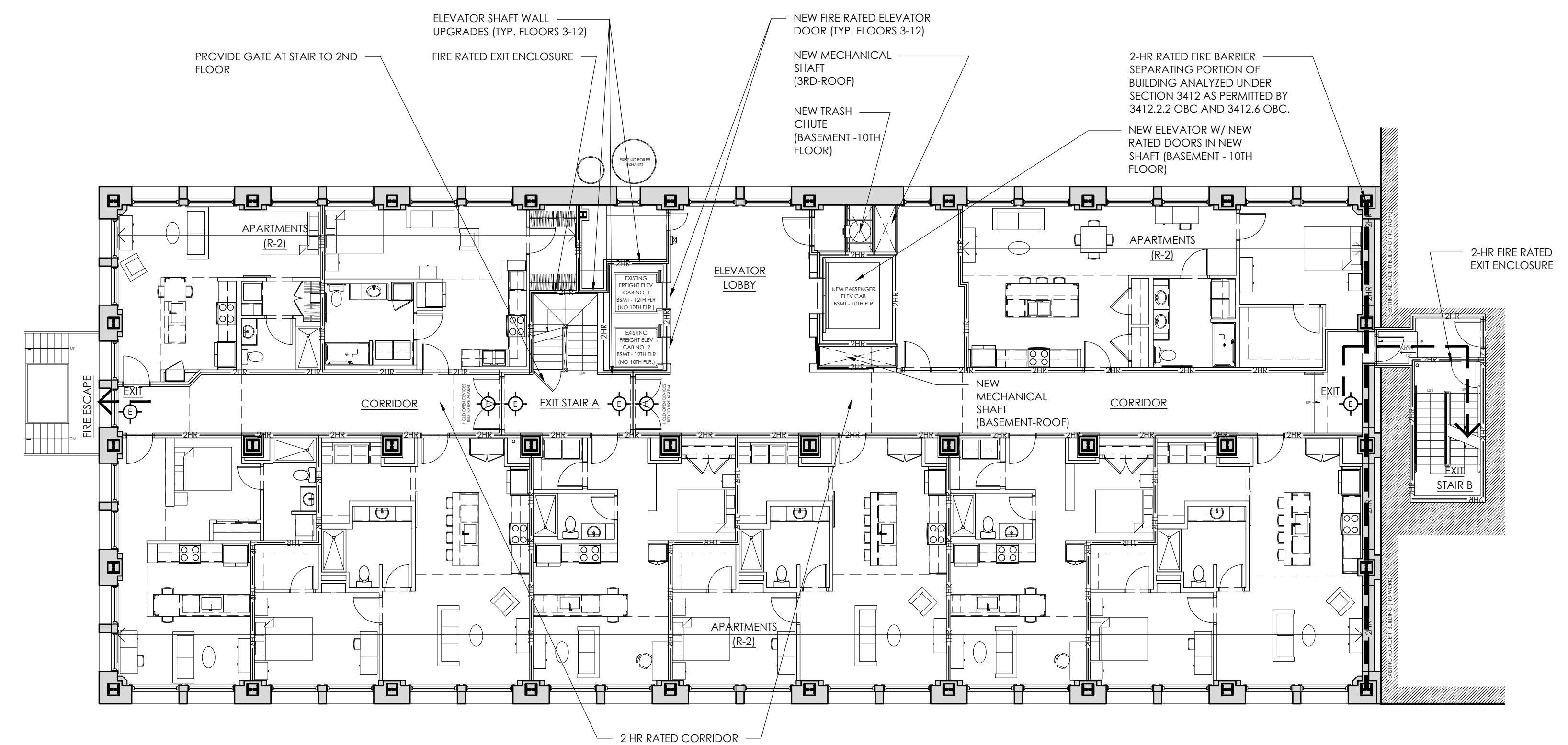
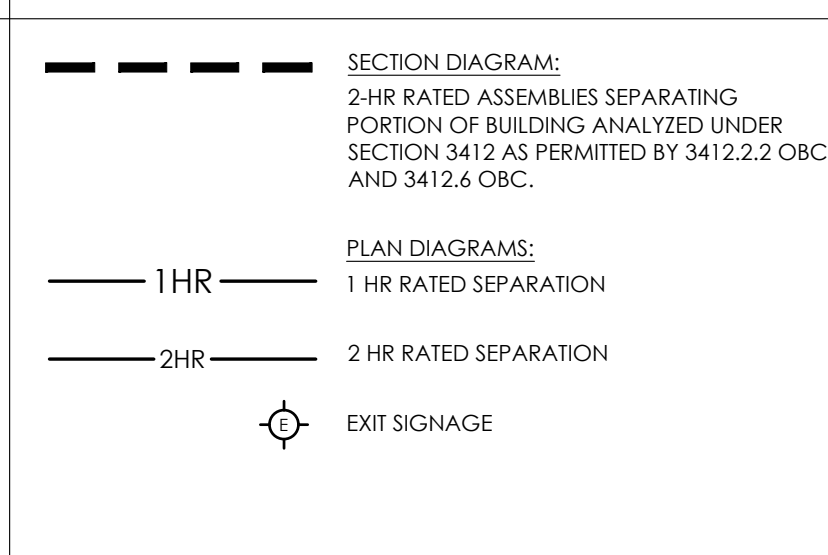


SECOND FLOOR PLAN DIAGRAM
A0.1b
3/32" = 1'-0"

EGRESS GRAPHIC KEYS

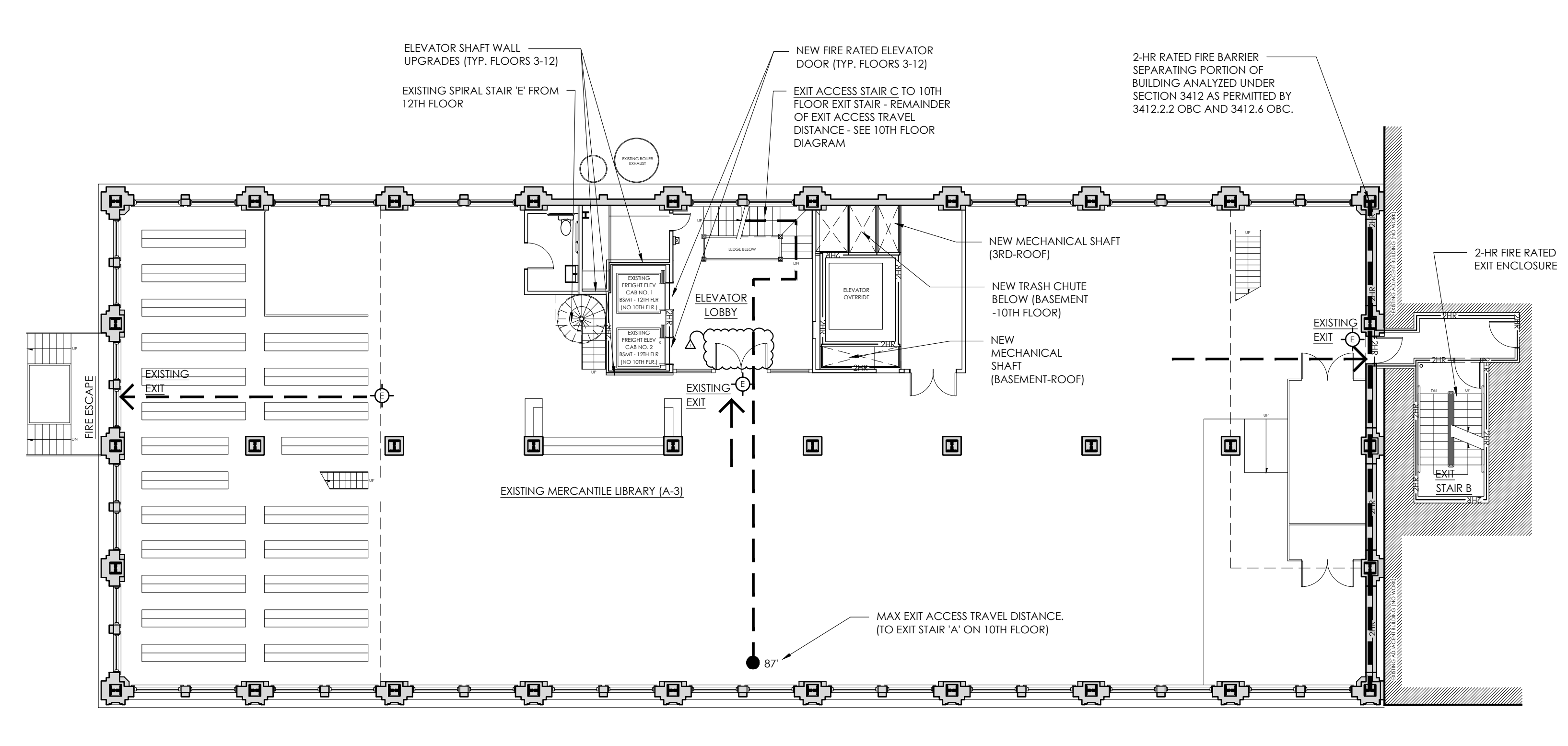


LEGEND



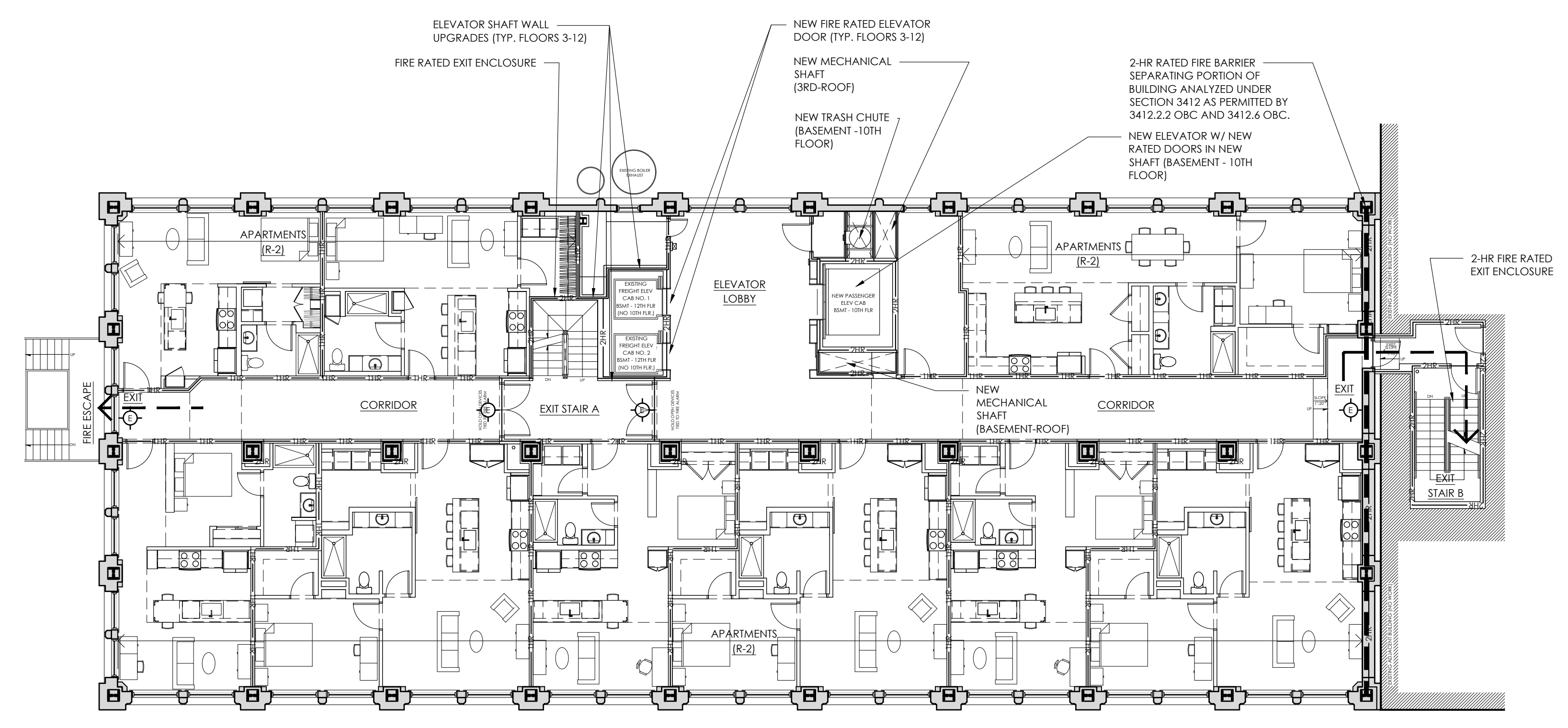
1 THIRD FLOOR PLAN DIAGRAM

A0.1c 3/32" = 1'-0"



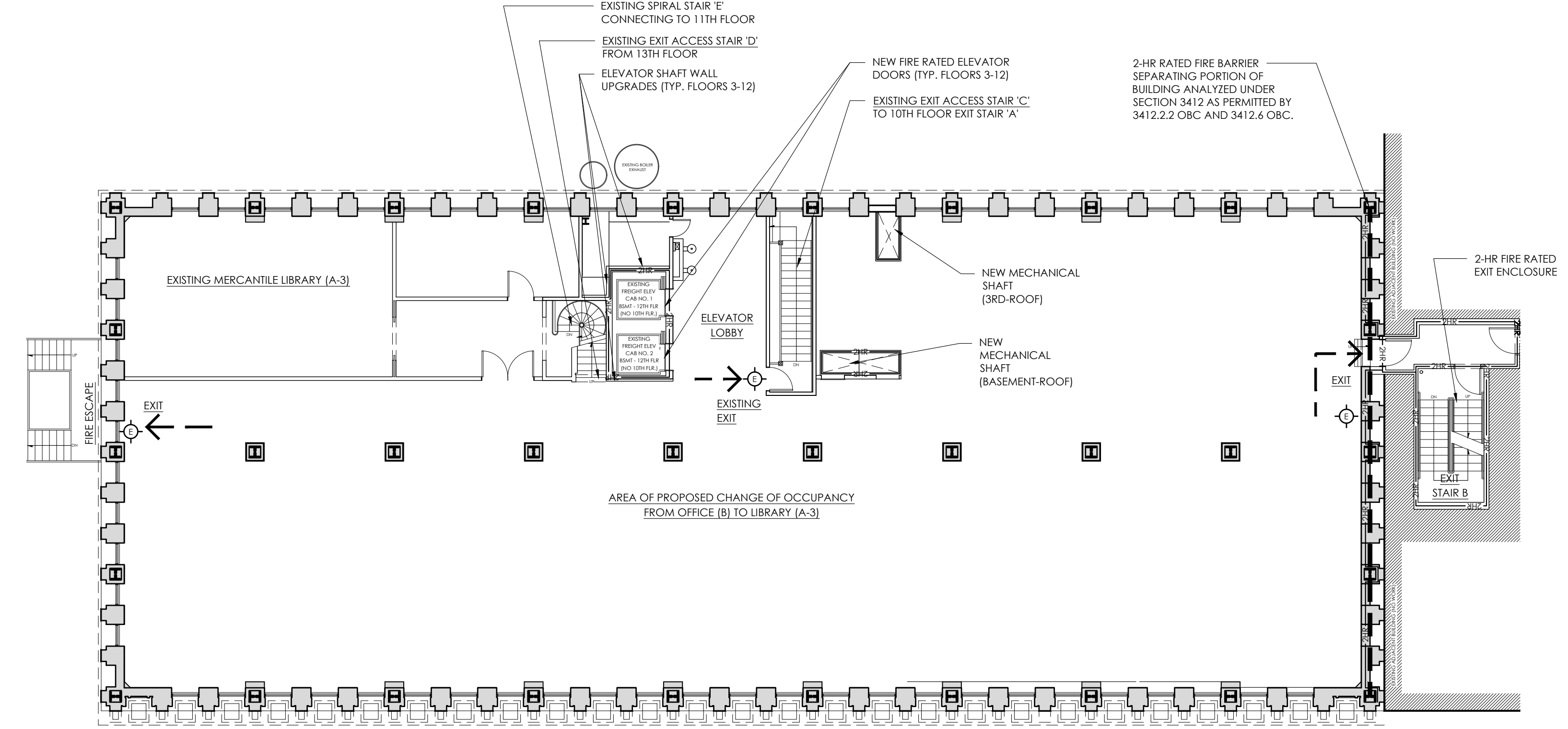
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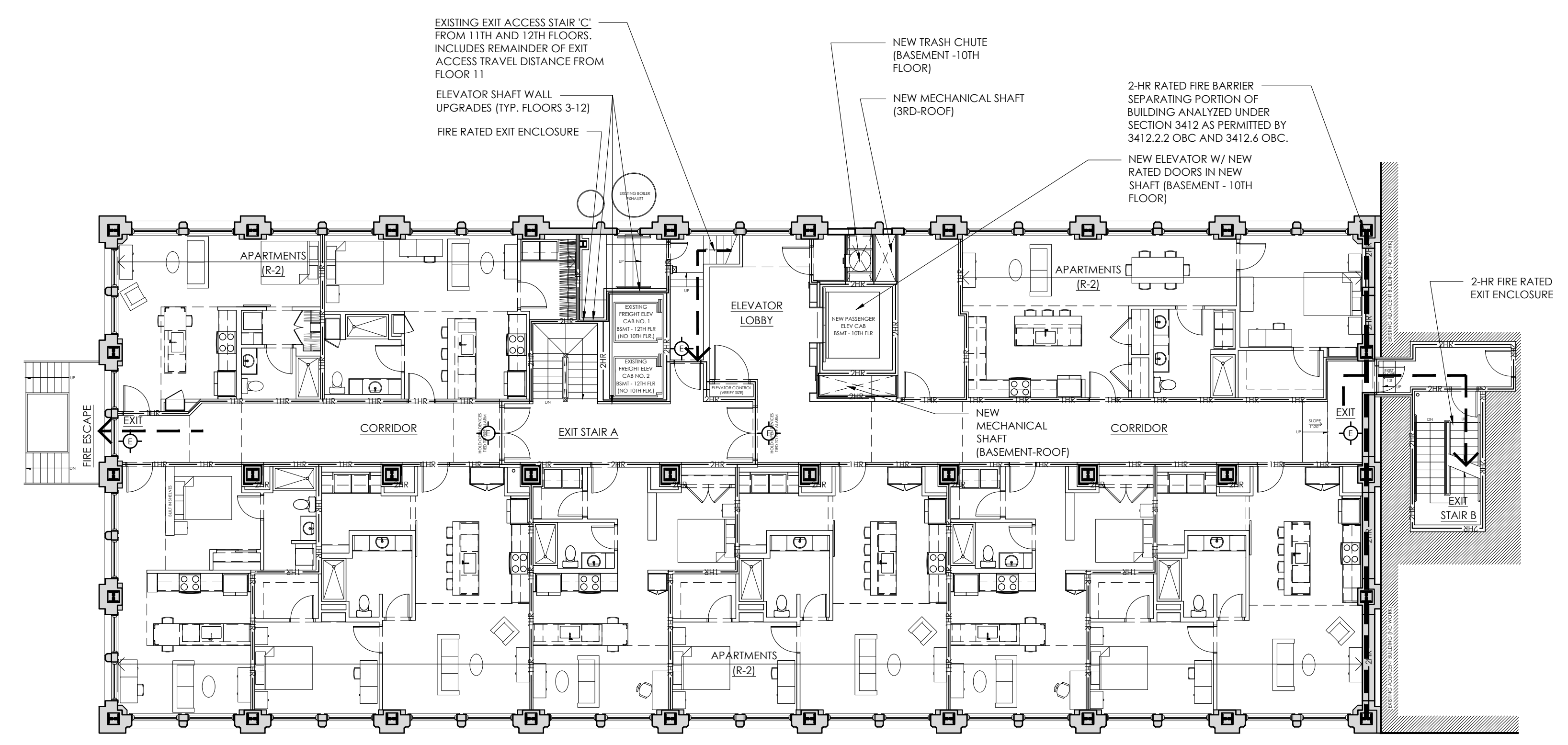
2 FOURTH - NINTH FLOOR PLAN DIAGRAM

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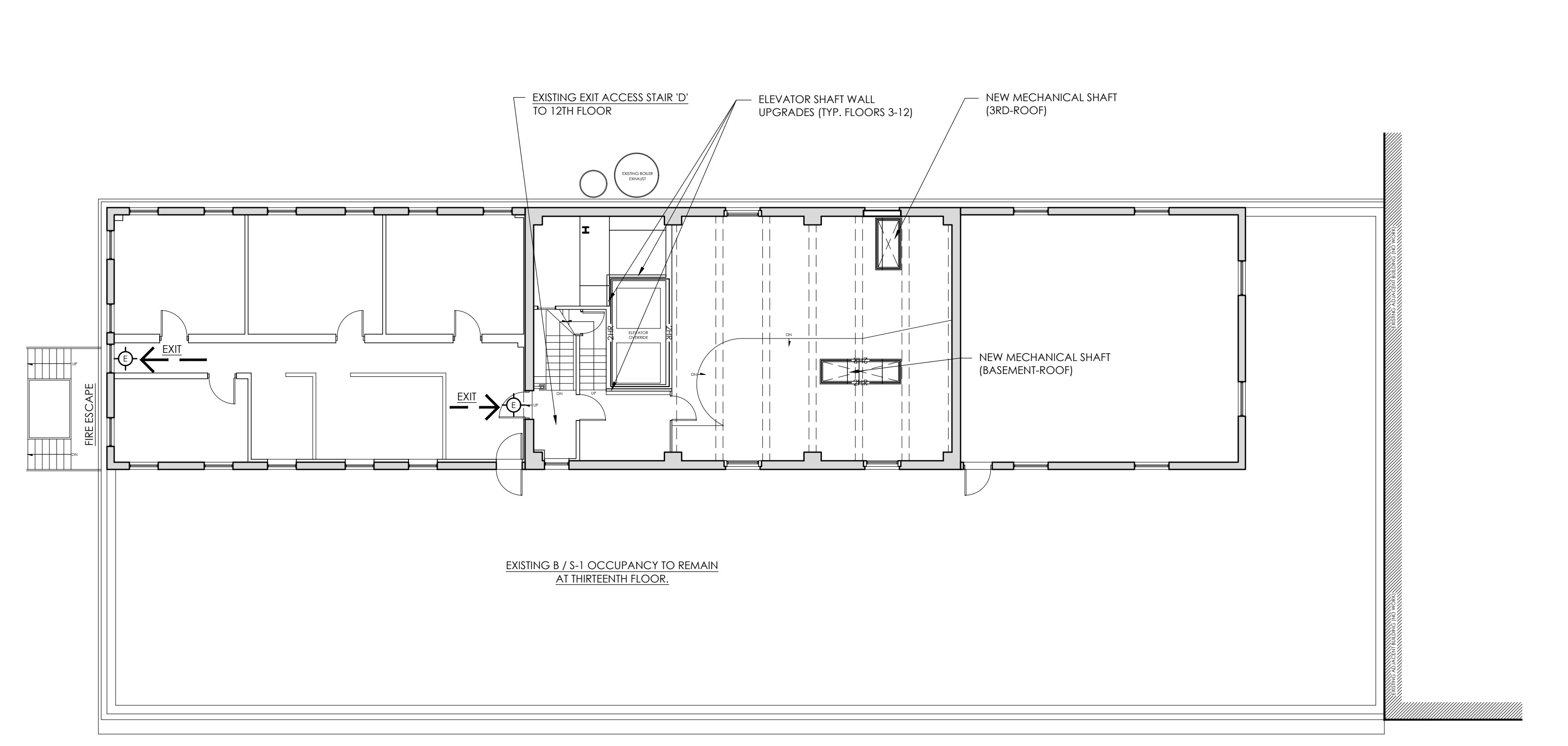
5 TWELFTH FLOOR PLAN DIAGRAM

A0.1c 3/32" = 1'-0"



3 TENTH FLOOR PLAN DIAGRAM

A0.1c 3/32" = 1'-0"



6 THIRTEENTH FLOOR PLAN DIAGRAM

A0.1c 3/32" = 1'-0"

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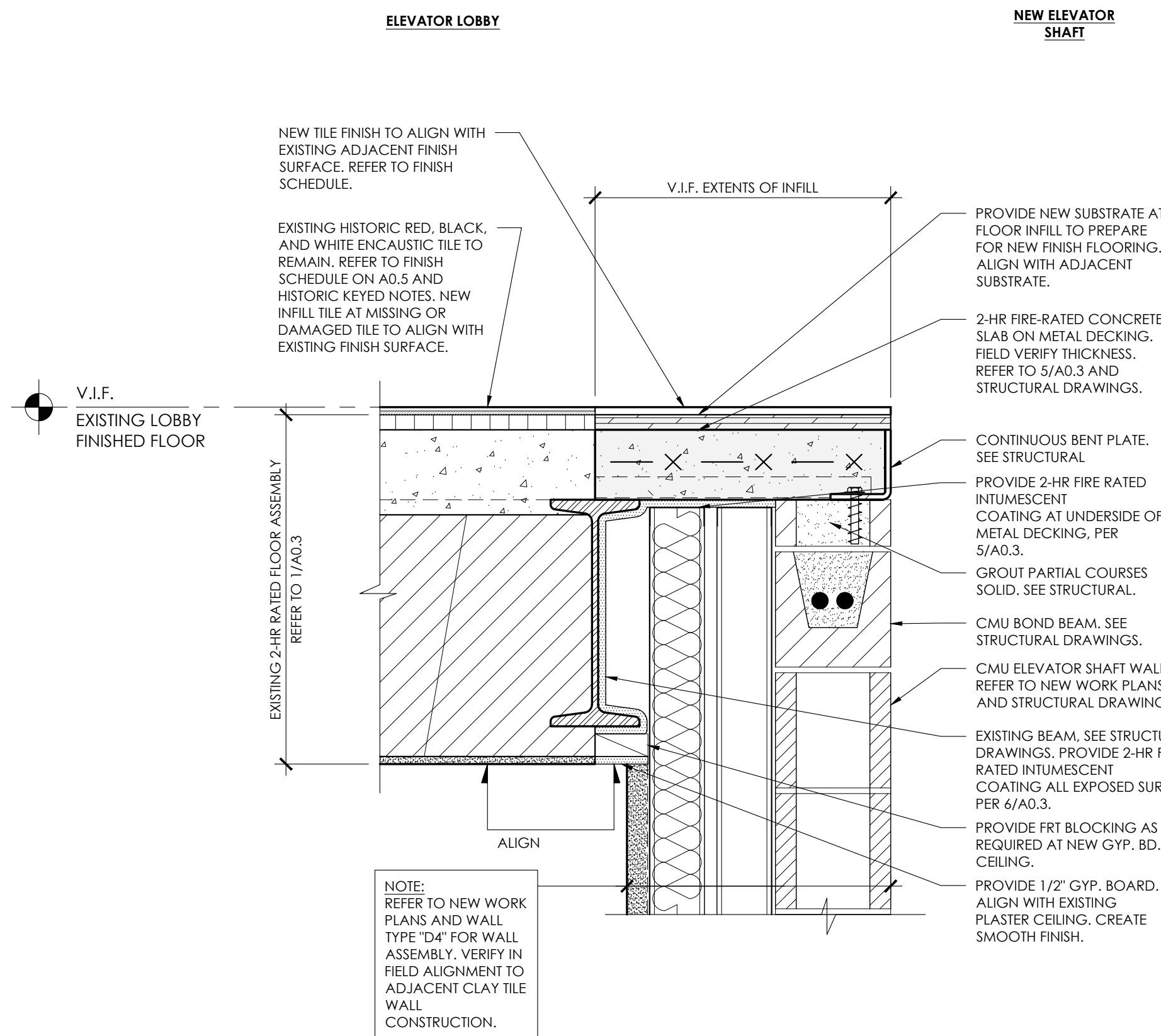
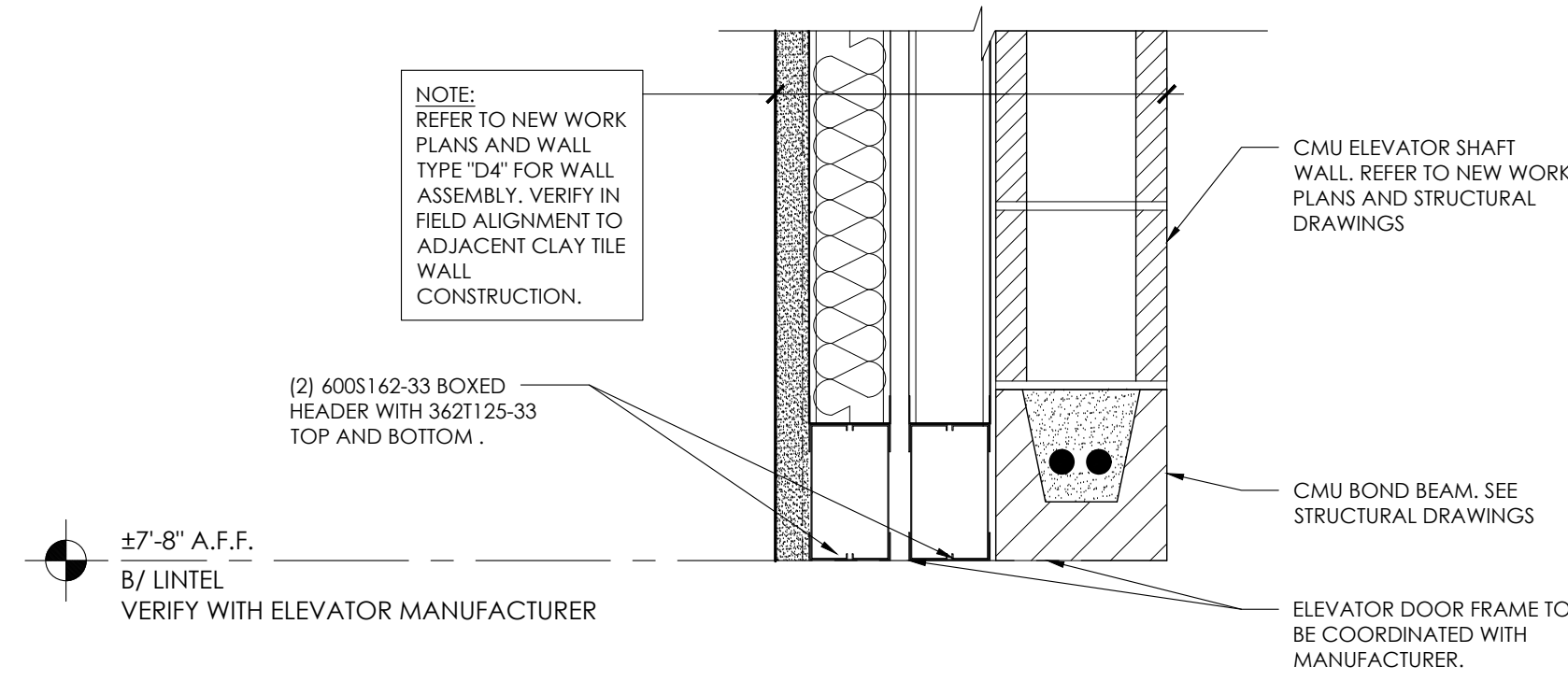
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CODE DIAGRAMS

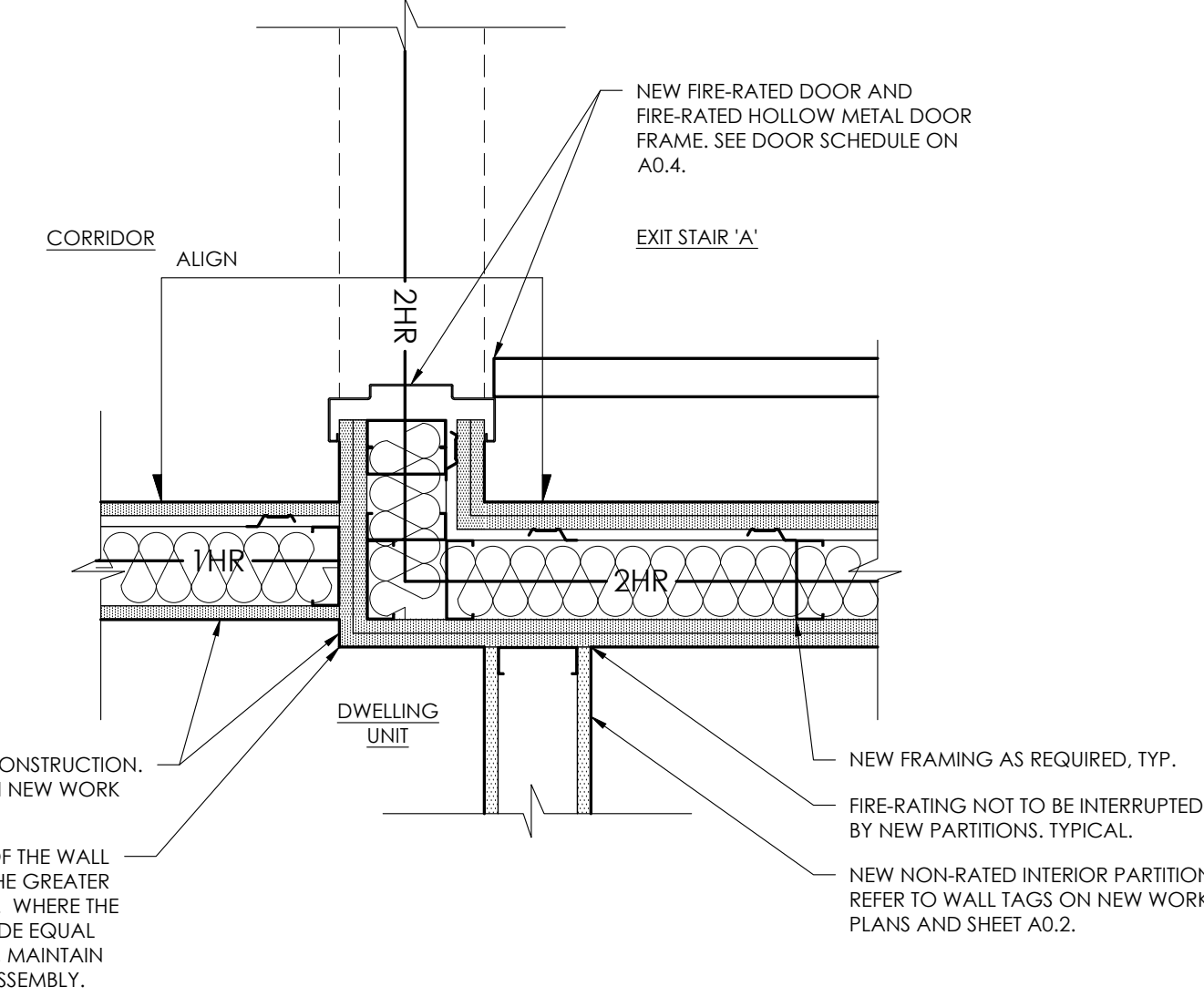
A0.1c

ADDITIONAL FIRE RATED DETAILS



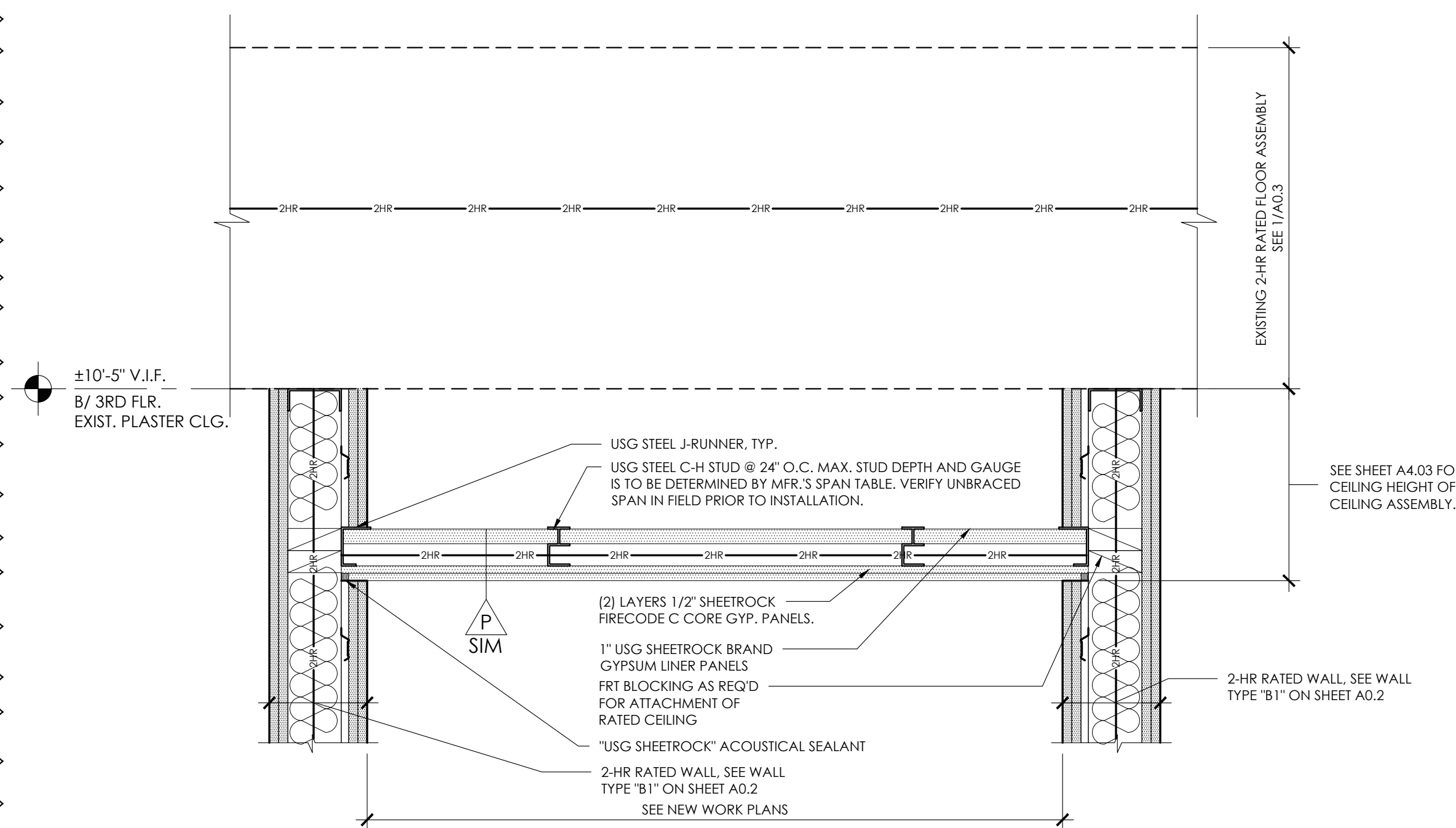
TYPICAL NEW CONCRETE FLOOR INFILL @ NEW ELEVATOR DOOR THRESHOLD

1
A0.3b 1-1/2" = 1'-0"



PLAN DETAIL - FIRE-RATED WALL TRANSITION @ EXIT STAIR 'A' ENCLOSURE

2
A0.3b 1-1/2" = 1'-0"



UL DESIGN NO. U415, SYSTEM B 2-HR FIRE-RATED HORIZONTAL SHAFT ASSEMBLY

3
A0.3b

SEE DESCRIPTION OF WALL TYPE P ON SHEET A0.2

PRELIMINARY NOT FOR CONSTRUCTION

CITYSTUDIOS
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1148 Main Street
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414 WALNUT STREET
CINCINNATI, OH 45202

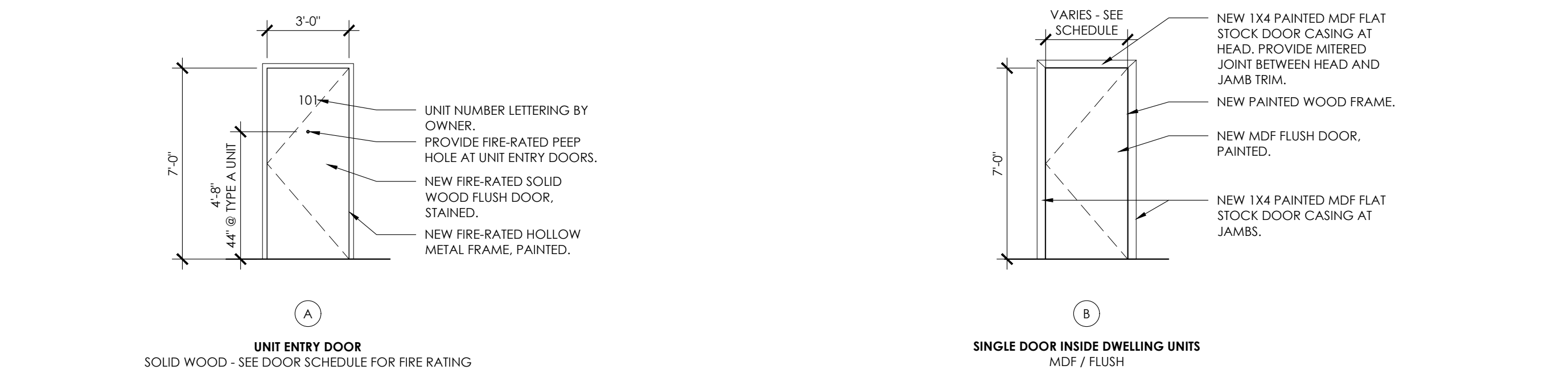
modelgroup
DEVELOPMENT • CONSTRUCTION • MANAGEMENT

ISSUE LOG:
08.17.2022
ISSUE FOR PERMIT
10.27.2022
PERMIT REVISION 1

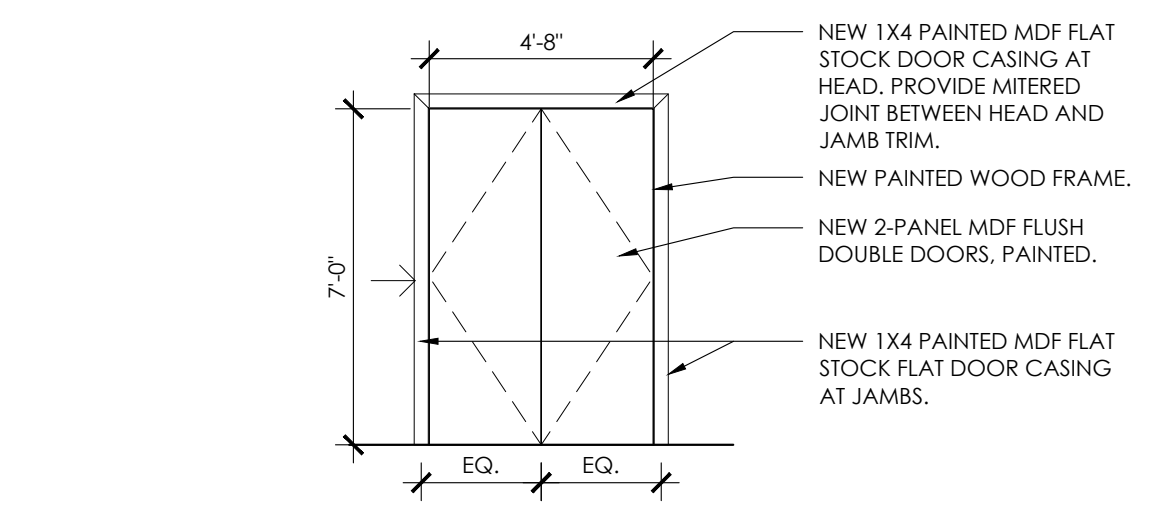
ADDITIONAL FIRE RATED DETAILS

A0.3b

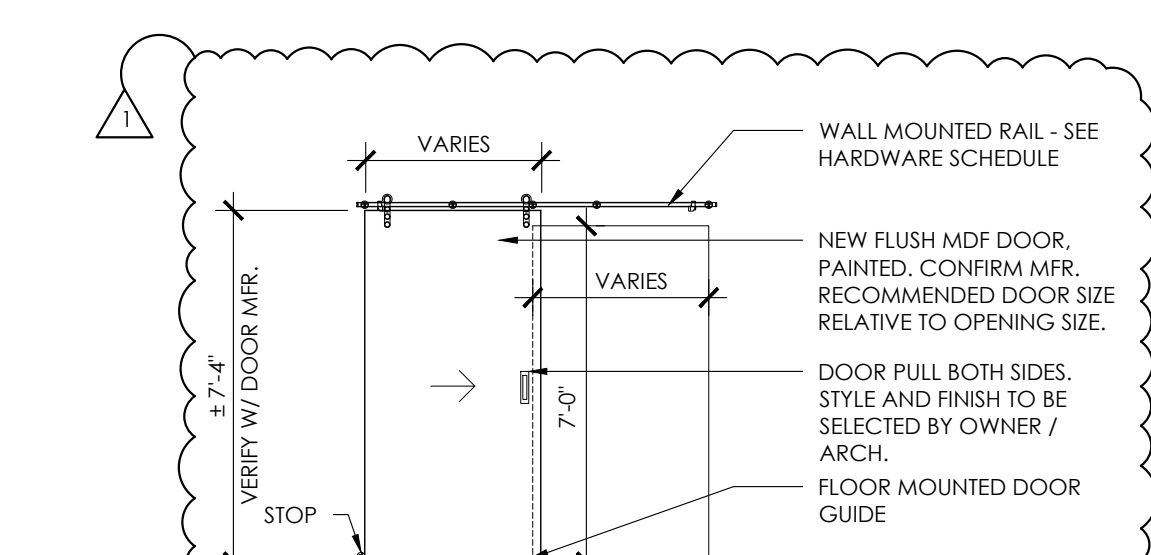
TYPICAL UNIT DOORS



SOLID WOOD - SEE DOOR SCHEDULE FOR FIRE RATING

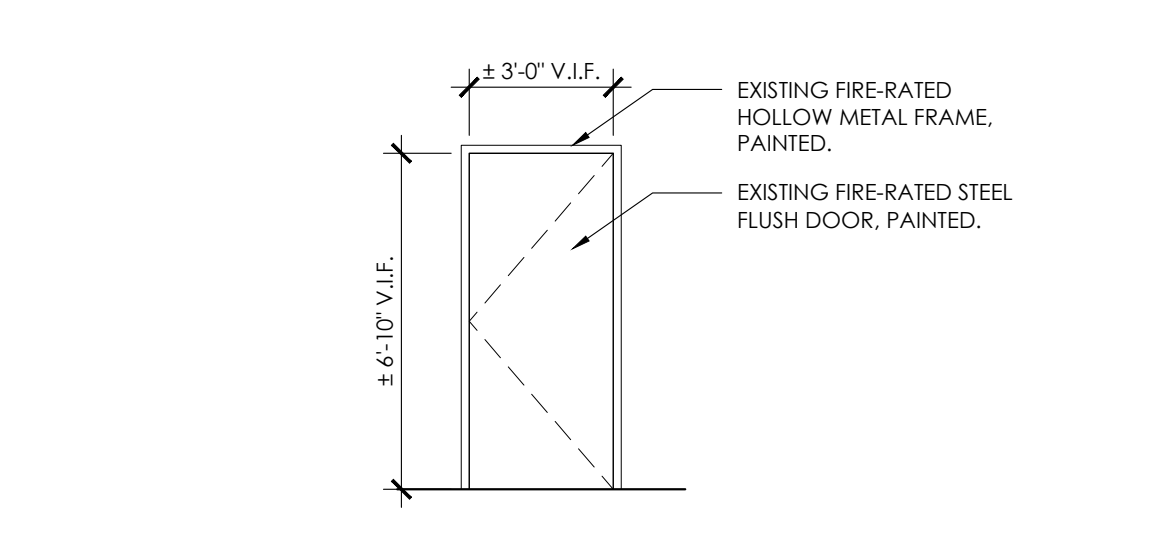


DOUBLE DOORS INSIDE DWELLING UNITS MDF / FLUSH

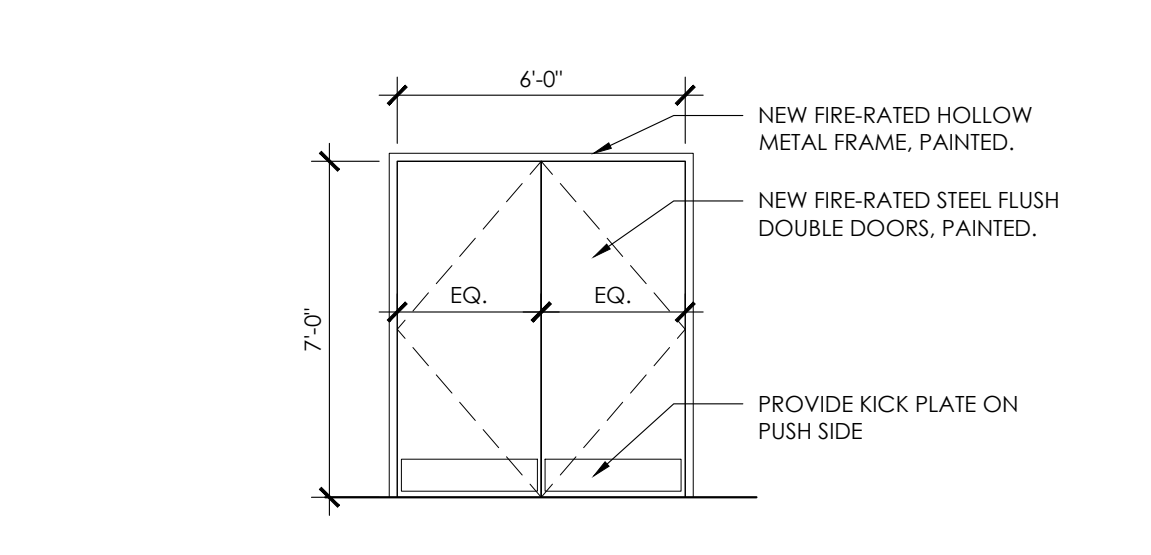


SLIDING BARN DOOR INSIDE DWELLING UNITS MDF / FLUSH

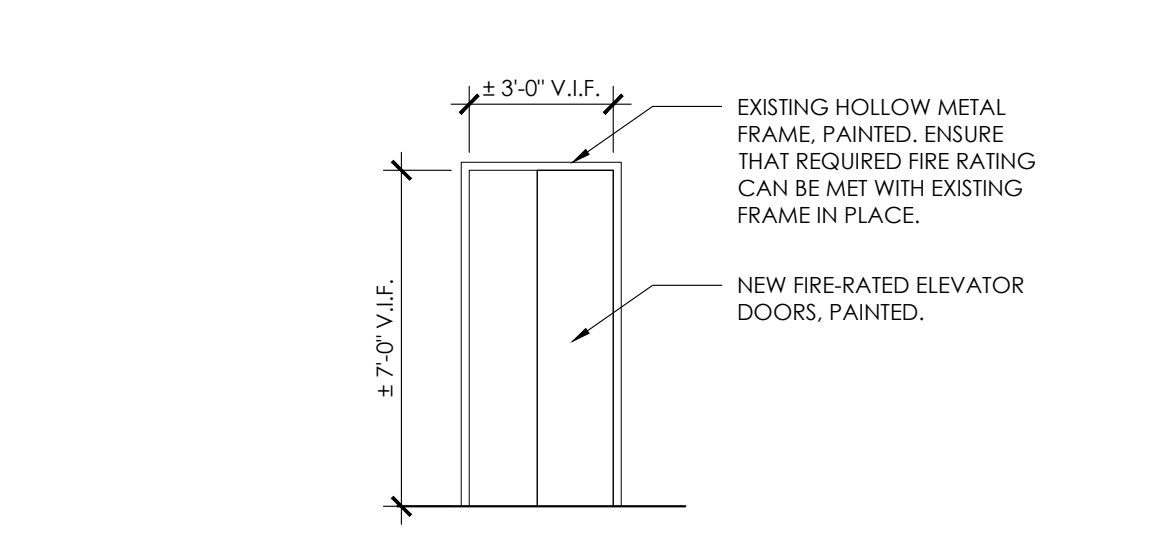
OTHER DOOR TYPES



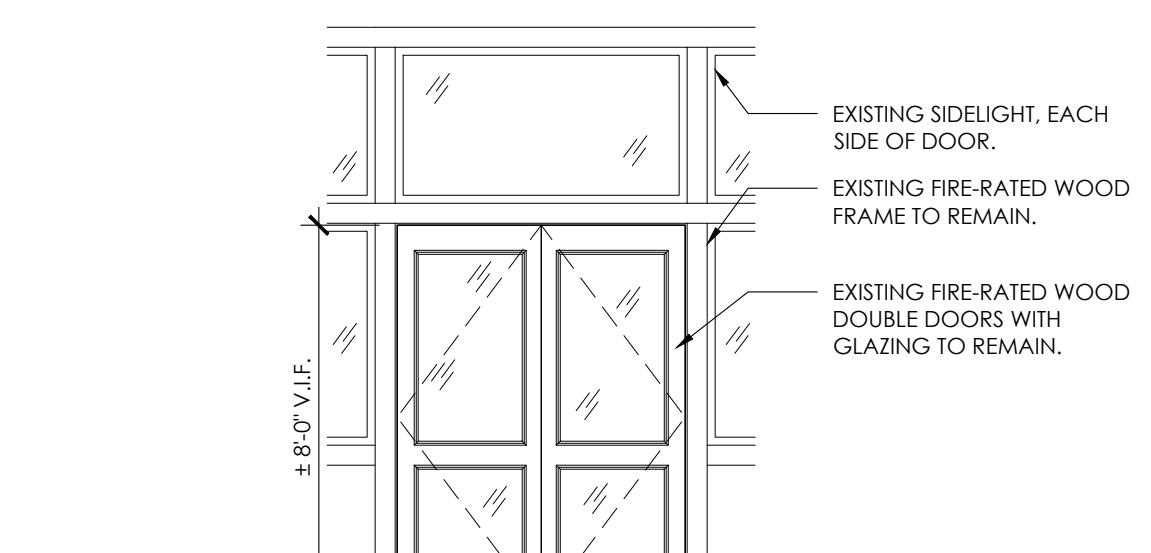
EXISTING STEEL INTERIOR DOOR SEE DOOR SCHEDULE FOR FIRE RATING



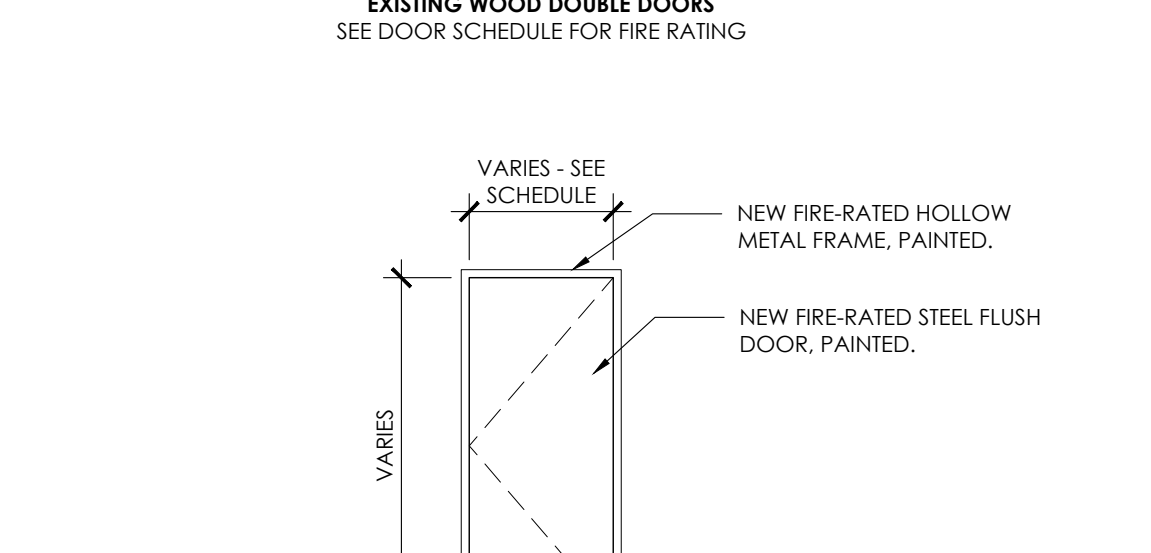
NEW STEEL INTERIOR DOUBLE DOOR SEE DOOR SCHEDULE FOR FIRE RATING



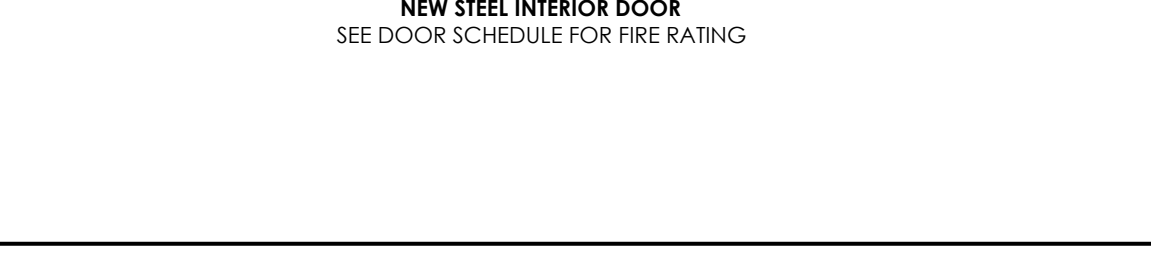
NEW SOLID WOOD INTERIOR DOOR W/ AUTOMATIC PUSH BUTTON OPERATION SEE DOOR SCHEDULE FOR FIRE RATING



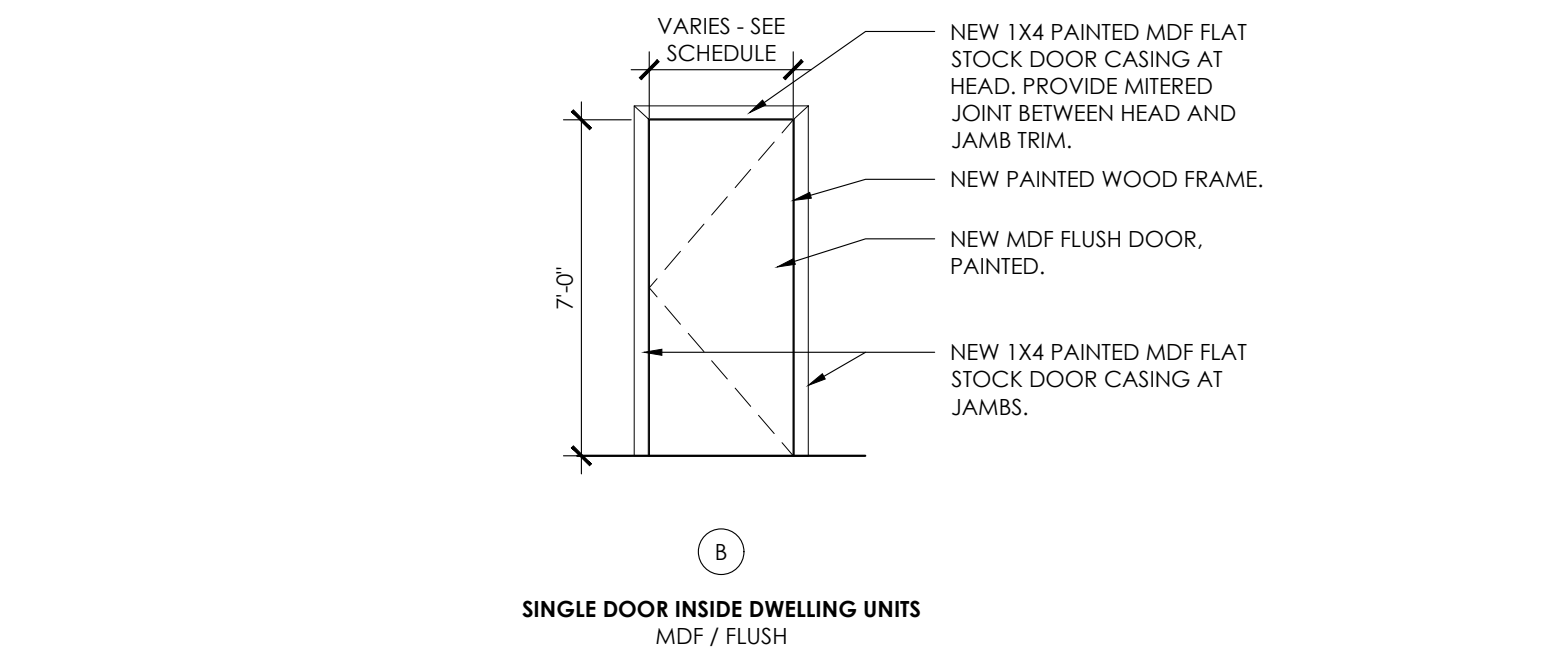
NEW STEEL ELEVATOR DOOR AT EXISTING OPERATIONAL ELEVATOR SEE DOOR SCHEDULE FOR FIRE RATING



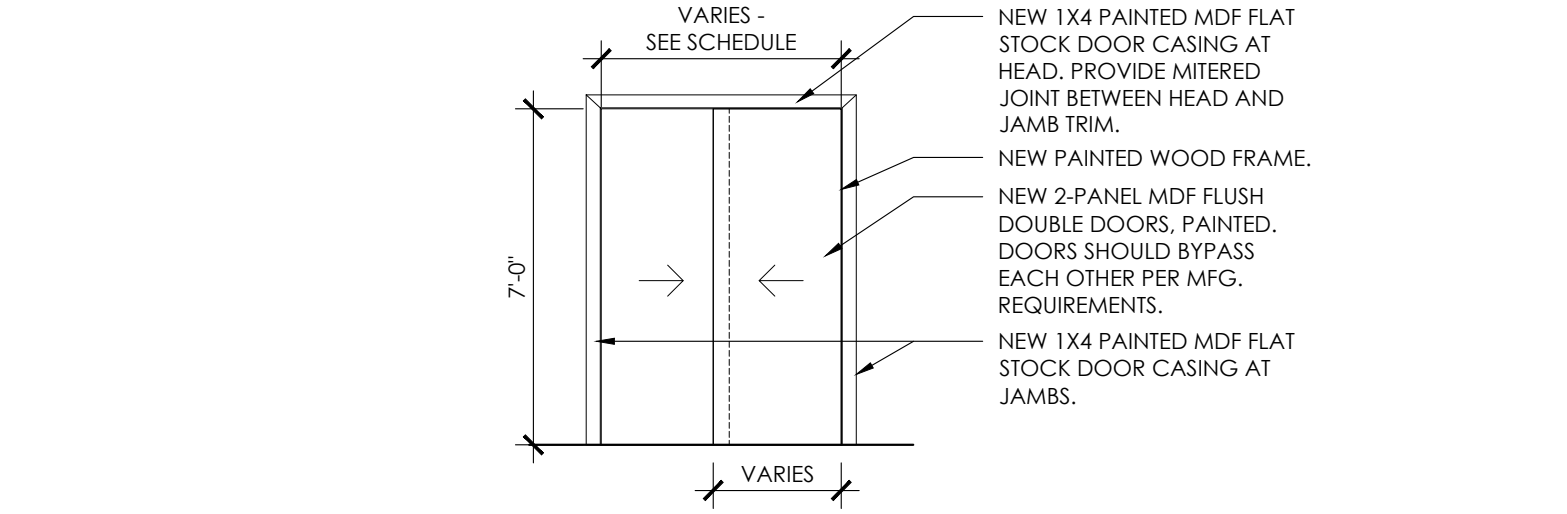
EXISTING WOOD DOUBLE DOORS SEE DOOR SCHEDULE FOR FIRE RATING



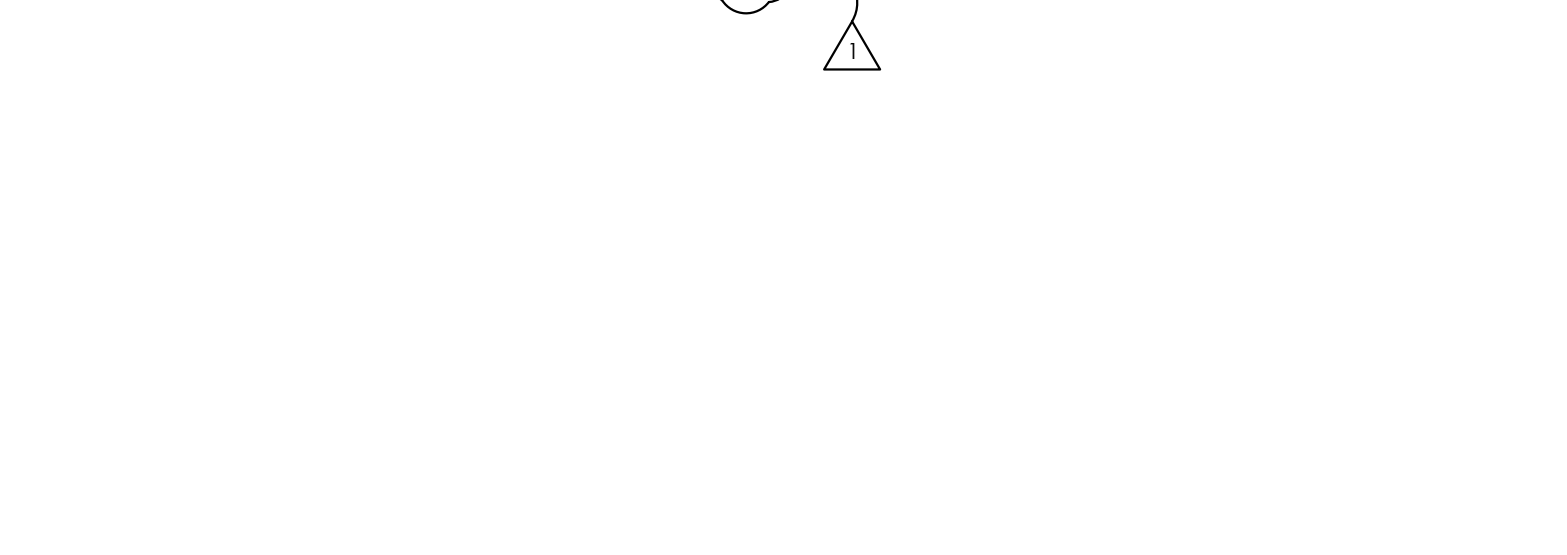
NEW STEEL INTERIOR DOOR SEE DOOR SCHEDULE FOR FIRE RATING



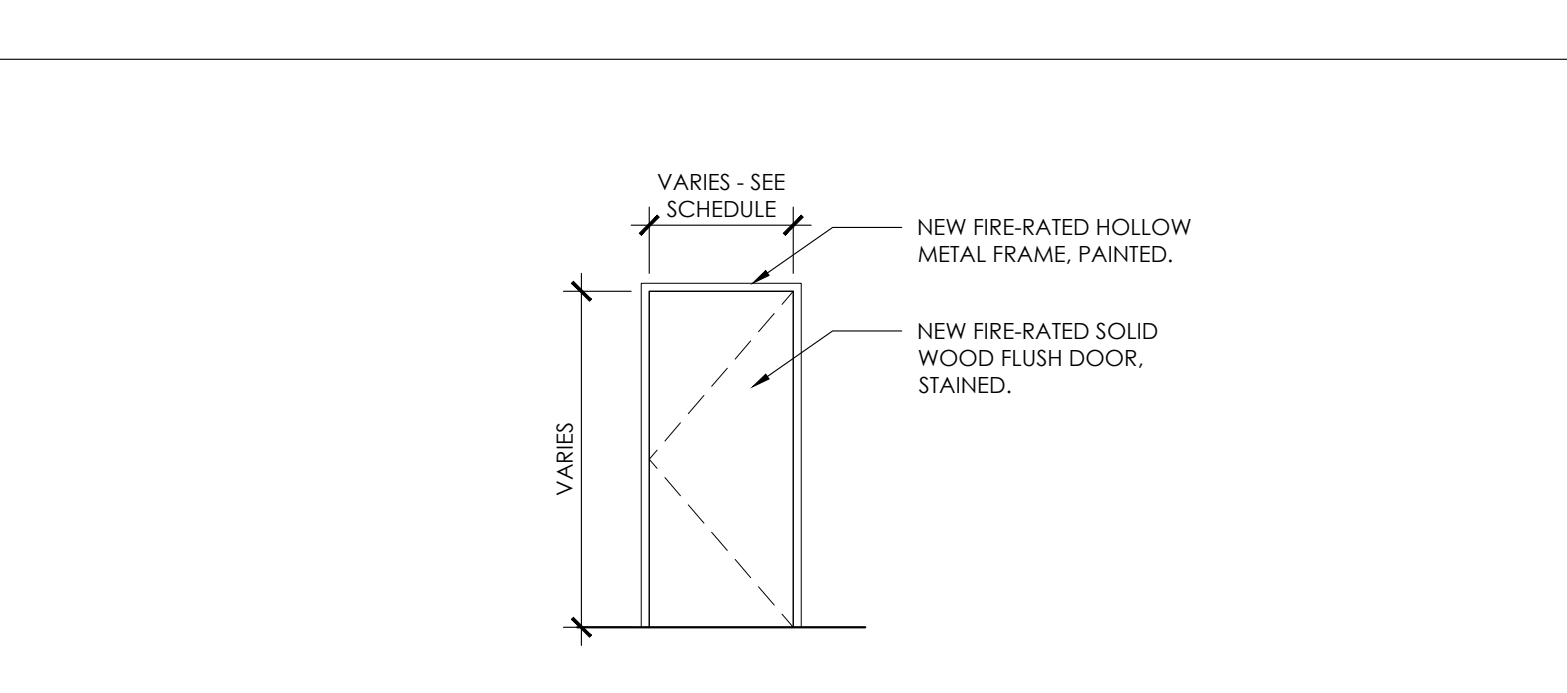
SINGLE DOOR OUTSIDE DWELLING UNITS MDF / FLUSH



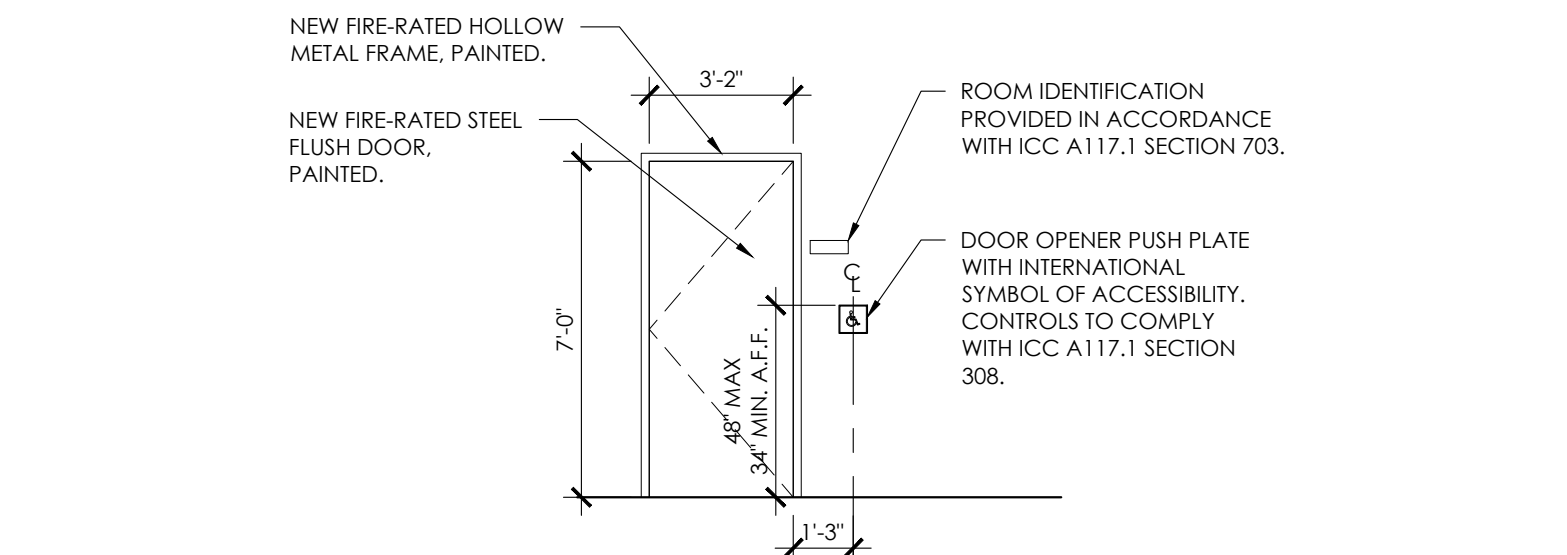
SLIDING DOOR OUTSIDE DWELLING UNITS MDF / FLUSH



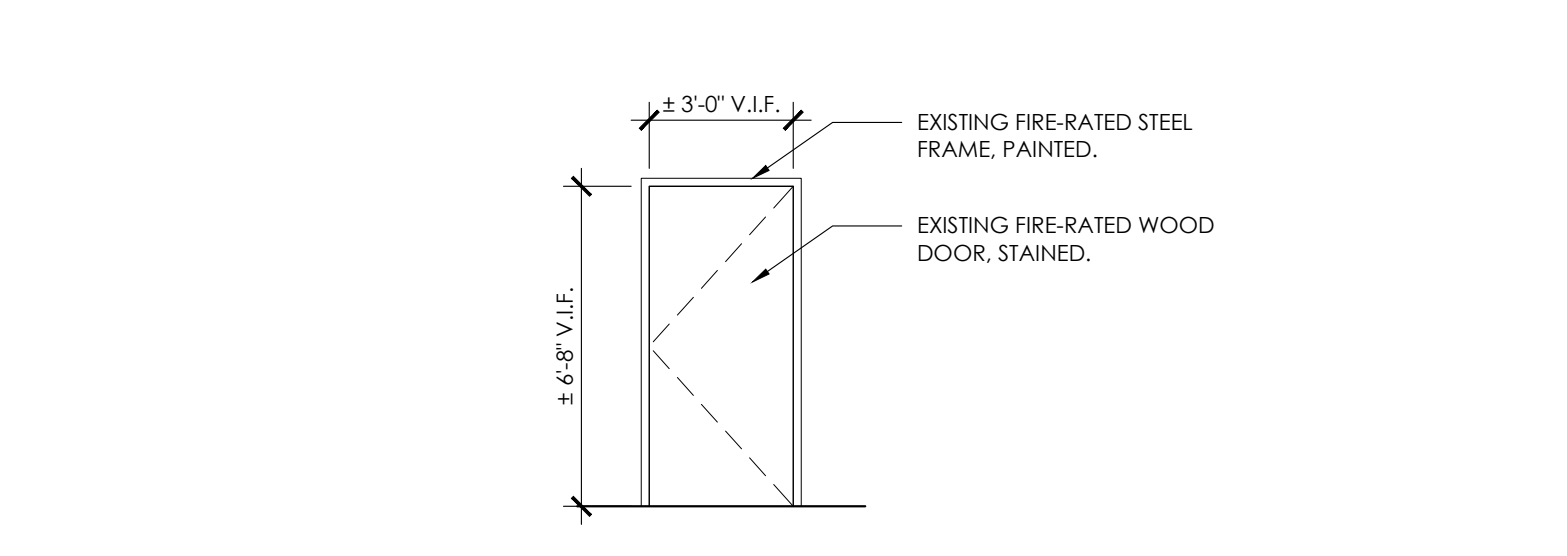
EXISTING ALUMINUM FULL-LIGHT ENTRY DOOR



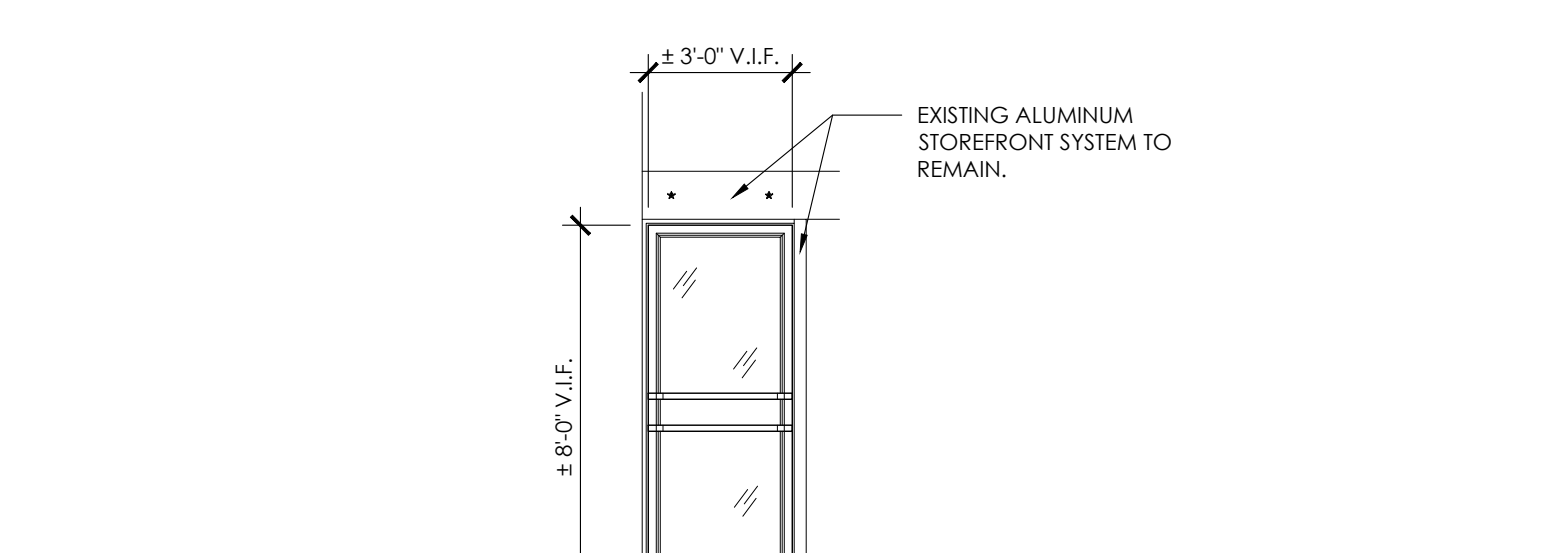
NEW STEEL INTERIOR DOOR SEE DOOR SCHEDULE FOR FIRE RATING



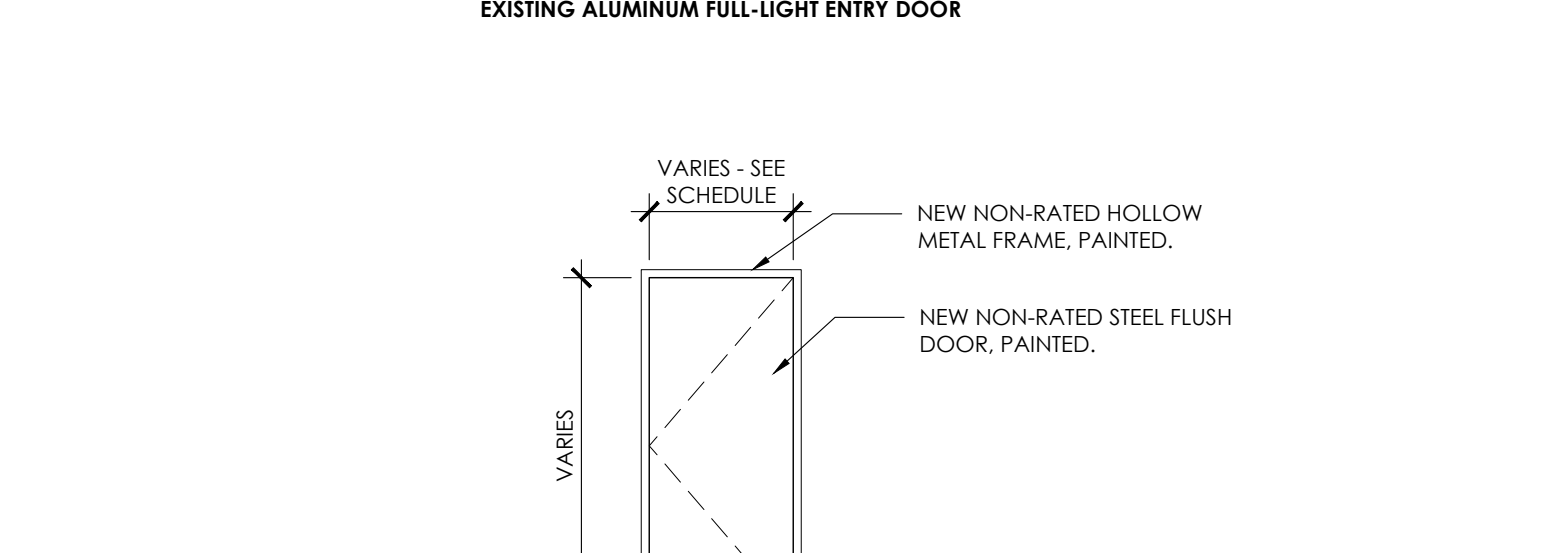
NEW STEEL INTERIOR DOOR NON-RATED



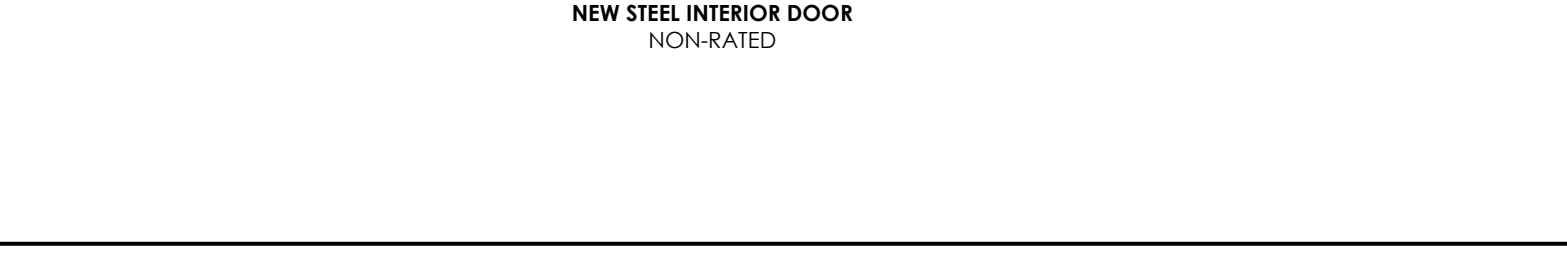
EXISTING WOOD DOUBLE DOORS SEE DOOR SCHEDULE FOR FIRE RATING



EXISTING WOOD DOUBLE DOORS SEE DOOR SCHEDULE FOR FIRE RATING



EXISTING WOOD DOUBLE DOORS SEE DOOR SCHEDULE FOR FIRE RATING



EXISTING WOOD DOUBLE DOORS SEE DOOR SCHEDULE FOR FIRE RATING

| DOOR SCHEDULE | | | | | | | | | | | |
|---------------------------------|--|--------------|----------------------|-----------------------------------|-----------------------------------|------------|----------------------|----------|--|----------|-------------------------------------|
| DOOR NO. | LOCATION | HARDWARE SET | DOOR | | FIRE RATING | DOOR STYLE | EXISTING OR NEW DOOR | NOTES | DOOR SCHEDULE (CONTINUED) | | |
| | | | SIZE | MATERIAL | | | | | DOOR NO. | LOCATION | |
| TYPICAL UNIT DOOR TYPES: | | | | | | | | | | | |
| 1 | UNIT ENTRY | a | 3'-0" x 7'-0" | SOLID WOOD/FLUSH | HM (STEEL) | 90 MIN. | A | NEW | SELF-CLOSING, NEW FIRE-RATED DOOR AND FRAME IN NEW FRAMED OPENING. | 708 | CORRIDOR TO TRASH CHUTE ACCESS ROOM |
| 2 | UNIT ENTRY | a | 3'-0" x 7'-0" | SOLID WOOD/FLUSH | HM (STEEL) | 20 MIN. | A | NEW | SELF-CLOSING, NEW FIRE-RATED DOOR AND FRAME IN NEW FRAMED OPENING. | 709 | SOUTH ELEVATOR DOOR |
| 3 | CLOSET | d | 2'-8" x 7'-0" | MDF/FLUSH | WOOD | - | B | NEW | NEW DOOR IN NEW FRAMED OPENING. | 710 | CORRIDOR TO MECH. ROOM |
| 4 | UNIT BATHROOM | b | 2'-8" x 7'-0" | MDF/FLUSH | WOOD | - | B | NEW | NEW DOOR IN NEW FRAMED OPENING. | 801 | CORRIDOR TO STAIR 'B' ACCESS |
| 5 | UNIT BATHROOM AND UNIT BATHROOM CLOSET | b | 3'-0" x 7'-0" | MDF/FLUSH | WOOD | - | B | NEW | NEW DOOR IN NEW FRAMED OPENING. | 802 | STAIR 'B' ENCLOSURE |
| 6 | SLIDING DOUBLE DOORS | e | (2) 2'-4" x 7'-0" | MDF/FLUSH | WOOD | - | D | NEW | CONFIRM DOOR SIZE WITH DOOR MANUFACTURER BASED ON SLIDING DOOR BYPASS REQUIREMENT, NEW DOOR IN NEW FRAMED OPENING. | 803 | STAIR 'A' ENCLOSURE (DOUBLE DOORS) |
| 7 | LAUNDRY ROOM | d | 2'-10" x 7'-0" | MDF/FLUSH | WOOD | - | B | NEW | NEW DOOR IN NEW FRAMED OPENING. | 804 | STAIR 'A' ENCLOSURE (DOUBLE DOORS) |
| 8 | CLOSET | c | (2) 2'-4" x 7'-0" | MDF/FLUSH | WOOD | - | C | NEW | NEW DOOR IN NEW FRAMED OPENING. | 855 | NORTH ELEVATOR DOORS |
| 9 | LAUNDRY ROOM (SLIDING BARN DOOR) | m | 4'-0" x 7'-0" | MDF/FLUSH | WOOD | - | O | NEW | SLIDING DOOR WITH WALL-MOUNT TRACK, CONFIRM FINAL DOOR SIZE RELATIVE TO OPENING SIZE AS RECOMMENDED BY MFR. | 806 | CORRIDOR TO STORAGE CLOSET |
| 10 | LAUNDRY ROOM (SLIDING BARN DOOR) | m | 3'-0" x 7'-0" | MDF/FLUSH | WOOD | - | O | NEW | SLIDING DOOR WITH WALL-MOUNT TRACK, CONFIRM FINAL DOOR SIZE RELATIVE TO OPENING SIZE AS RECOMMENDED BY MFR. | 808 | CORRIDOR TO TRASH CHUTE ACCESS ROOM |
| 11 | CLOSET | d | 3'-0" x 7'-0" | MDF/FLUSH | WOOD | - | B | NEW | NEW DOOR IN NEW FRAMED OPENING. | 809 | SOUTH ELEVATOR DOORS |
| OTHER DOOR TYPES: | | | | | | | | | | | |
| 001 | SOUTH ELEVATOR DOORS | - | 3'-0" x 7'-0" | STAINLESS STEEL | STAINLESS STEEL | 90 MIN. | - | NEW | NEW FIRE-RATED DOORS AT NEW ELEVATOR. COORDINATE ROUGH OPENING / INSTALLATION WITH ELEVATOR MANUFACTURER. | 810 | CORRIDOR TO MECH. ROOM |
| 002 | TRASH DISCHARGE ROOM ENTRY | k | 4'-2" x 7'-0" | HM (STEEL) | HM (STEEL) | 120 MIN. | M | NEW | NEW FIRE-RATED DOOR AND FRAME IN NEW OPENING. AUTOMATIC DOOR OPERATOR AND OCCUPANCY SENSOR. TIED TO FIRE ALARM / SMOKE DETECTION SYSTEM.* | 901 | CORRIDOR TO STAIR 'B' ACCESS |
| 003 | TRASH DISCHARGE ROOM ENTRY | k | 3'-0" x 7'-0" | HM (STEEL) | HM (STEEL) | 120 MIN. | M | NEW | NEW FIRE-RATED DOOR AND FRAME IN NEW OPENING. AUTOMATIC DOOR OPERATOR AND OCCUPANCY SENSOR. TIED TO FIRE ALARM / SMOKE DETECTION SYSTEM.* | 902 | STAIR 'B' ENCLOSURE |
| 004 | BASEMENT HALLWAY | i | 3'-0" x 7'-0" | HM (STEEL) | HM (STEEL) | - | N | NEW | NEW DOOR AND FRAME IN NEW FRAMED OPENING. | 903 | STAIR 'A' ENCLOSURE (DOUBLE DOORS) |
| 101 | WALNUT STREET ENTRY | - | 3'-0" x 8'-0" V.I.F. | EXISTING ALUMINUM / GLASS | EXISTING ALUMINUM | - | L | EXISTING | EXISTING DOOR AND FRAME IN EXISTING OPENING. SELF-CLOSING. | 904 | STAIR 'A' ENCLOSURE (DOUBLE DOORS) |
| 102 | WALNUT STREET ENTRY | - | 3'-0" x 8'-0" V.I.F. | EXISTING ALUMINUM / GLASS | EXISTING ALUMINUM | - | L | EXISTING | EXISTING DOOR AND FRAME IN EXISTING OPENING. SELF-CLOSING. | 905 | NORTH ELEVATOR DOORS |
| 103 | WALNUT STREET ENTRY | - | 3'-0" x 8'-0" V.I.F. | EXISTING ALUMINUM / GLASS | EXISTING ALUMINUM | - | L | EXISTING | EXISTING DOOR AND FRAME IN EXISTING OPENING. SELF-CLOSING. | 906 | NORTH ELEVATOR DOORS |
| 104 | WALNUT STREET ENTRY | - | 3'-0" x 8'-0" V.I.F. | EXISTING ALUMINUM / GLASS | EXISTING ALUMINUM | - | L | EXISTING | EXISTING DOOR AND FRAME IN EXISTING OPENING. SELF-CLOSING. | 907 | CORRIDOR TO STORAGE CLOSET |
| 105 | WALNUT STREET ENTRY | - | 3'-0" x 8'-0" V.I.F. | EXISTING ALUMINUM / GLASS | EXISTING ALUMINUM | - | L | EXISTING | EXISTING REVOLVING DOOR IN EXISTING VESTIBULE / STOREFRONT SYSTEM. | 908 | CORRIDOR TO TRASH CHUTE ACCESS ROOM |
| 106 | SOUTH ELEVATOR DOORS | - | 3'-0" x 7'-0" | STAINLESS STEEL W/ SPECIAL FINISH | STAINLESS STEEL W/ SPECIAL FINISH | 90 MIN. | - | NEW | NEW FIRE-RATED DOORS AT NEW ELEVATOR. COORDINATE ROUGH OPENING / INSTALLATION WITH ELEVATOR MANUFACTURER. | 909 | SOUTH ELEVATOR DOORS |
| 201 | LOBBY TO TRASH CHUTE ACCESS ROOM | j | 3'-2" x 7'-0" | SOLID WOOD/FLUSH | HM (STEEL) | 45 MIN. | H | NEW | NEW FIRE-RATED DOOR AND FRAME IN NEW OPENING. AUTOMATIC DOOR OPERATOR AND OCCUPANCY SENSOR. TIED TO FIRE ALARM / SMOKE DETECTION SYSTEM.* | 1001 | CORRIDOR TO STAIR 'B' ACCESS |
| 202 | SOUTH ELEVATOR DOORS | - | 3'-0" x 7'-0" | STAINLESS STEEL | STAINLESS STEEL | 90 MIN. | - | NEW | NEW FIRE-RATED DOORS AT NEW ELEVATOR. COORDINATE ROUGH OPENING / INSTALLATION WITH ELEVATOR MANUFACTURER. | 1002 | STAIR 'B' ENCLOSURE |
| 203 | STAIR 'A' ENCLOSURE | h | 4'-0" x 7'-0" | EXISTING STEEL | EXISTING STEEL | 90 MIN. | E | EXISTING | EXISTING FIRE-RATED DOOR AND FRAME IN EXISTING OPENING. | 1003 | STAIR 'A' ENCLOSURE (DOUBLE DOORS) |
| 301 | CORRIDOR TO STAIR 'B' ACCESS | g | 3'-0" x 7'-0" | EXISTING STEEL | EXISTING STEEL | 90 MIN. | E | EXISTING | EXISTING DOOR AND FRAME IN EXISTING OPENING. SELF-CLOSING. | 1004 | STAIR 'A' ENCLOSURE (DOUBLE DOORS) |
| 302 | STAIR 'B' ENCLOSURE | g | 3'-0" x 7'-0" | EXISTING STEEL | EXISTING STEEL | 90 MIN. | E | EXISTING | EXISTING DOOR AND FRAME IN EXISTING OPENING. SELF-CLOSING. | 1005 | NOT USED |
| 303 | STAIR 'A' ENCLOSURE (DOUBLE DOORS) | f | (2) 3'-0" x 7'-0" | HM (STEEL) | HM (STEEL) | 90 MIN. | G | NEW | SELF-CLOSING, HOLD OPEN DEVICES TIED TO FIRE ALARM SYSTEM, NEW FIRE-RATED DOORS AND FRAME IN NEW FRAMED OPENING. | 1006 | ELEVATOR CONTROL ROOM |
| 304 | STAIR 'A' ENCLOSURE (DOUBLE DOORS) | f | (2) 3'-0" x 7'-0" | HM (STEEL) | HM (STEEL) | 90 MIN. | G | NEW | SELF-CLOSING, HOLD OPEN DEVICES TIED TO FIRE ALARM SYSTEM, NEW FIRE-RATED DOORS AND FRAME IN NEW FRAMED OPENING. | 1007 | CORRIDOR TO STORAGE CLOSET |
| 305 | NORTH ELEVATOR DOORS | - | 3'-0" x 8'-0" V.I.F. | STAINLESS STEEL | STAINLESS STEEL | 90 MIN. | I | NEW | NEW FIRE-RATED DOORS AT EXISTING ELEVATOR. | 1008 | CORRIDOR TO TRASH CHUTE ACCESS ROOM |
| 306 | NORTH ELEVATOR DOORS | - | 3'-0" x 8'-0" V.I.F. | STAINLESS STEEL | STAINLESS STEEL | 90 MIN. | I | NEW | NEW FIRE-RATED DOORS AT EXISTING ELEVATOR. | 1009 | SOUTH ELEVATOR DOORS |
| 307 | CORRIDOR TO STORAGE CLOSET | i | 3'-0" x 7'-0" | SOLID WOOD/FLUSH | HM (STEEL) | 20 MIN. | F | NEW | NEW FIRE-RATED DOOR AND FRAME IN EXISTING CLAY TILE WALL OPENING. SELF-CLOSING. | 1010 | CORRIDOR TO MECH. ROOM |
| 308 | CORRIDOR TO TRASH CHUTE ACCESS ROOM | j | 3'-2" x 7'-0" | HM (STEEL) | HM (STEEL) | 45 MIN. | H | NEW | NEW FIRE-RATED DOOR AND FRAME IN NEW OPENING. AUTOMATIC DOOR OPERATOR AND OCCUPANCY SENSOR. TIED TO FIRE ALARM / SMOKE DETECTION SYSTEM.* | 1011 | STAIR 'C' TO STAIR 'A' |
| 309 | SOUTH ELEVATOR DOORS | - | 3'-0" x 7'-0" | STAINLESS STEEL | STAINLESS STEEL | 90 MIN. | - | NEW | NEW FIRE-RATED DOORS AT NEW ELEVATOR. COORDINATE ROUGH OPENING / INSTALLATION WITH ELEVATOR MANUFACTURER. | 1101 | CORRIDOR TO STAIR 'B' ACCESS |
| 310 | CORRIDOR TO MECH. ROOM | i | 3'-0" x 7'-0" | SOLID WOOD/FLUSH | HM (STEEL) | 20 MIN. | F | NEW | NEW FIRE-RATED DOOR AND FRAME IN NEW FRAMED OPENING. | 1102 | STAIR 'B' ENCLOSURE |
| 401 | CORRIDOR TO STAIR 'B' ACCESS | g | 3'-0" x 7'-0" | EXISTING STEEL | EXISTING STEEL | 90 MIN. | E | EXISTING | EXISTING FIRE-RATED DOOR AND FRAME IN EXISTING OPENING. EXISTING DOOR TO RECEIVE NEW HARDWARE. SELF-CLOSING. REPLACE DOOR AND FRAME IF FOUND NOT TO BE 90 MIN. | 1103 | LIBRARY ENTRANCE (DOUBLE DOORS) |
| 402 | STAIR 'B' ENCLOSURE | g | 3'-0" x 7'-0" | EXISTING STEEL | EXISTING STEEL | 90 MIN. | E | EXISTING | EXISTING DOOR AND FRAME IN EXISTING OPENING. EXISTING DOOR TO RECEIVE NEW HARDWARE. SELF-CLOSING. REPLACE DOOR AND FRAME IF FOUND NOT TO BE 90 MIN. | 1104 | NORTH ELEVATOR DOORS |
| 403 | STAIR 'A' ENCLOSURE (DOUBLE DOORS) | f | (2) 3'-0" x 7'-0" | HM (STEEL) | HM (STEEL) | 90 MIN. | G | NEW | SELF-CLOSING, HOLD OPEN DEVICES TIED TO FIRE ALARM SYSTEM, NEW FIRE-RATED DOORS AND FRAME IN NEW FRAMED OPENING. | 1105 | NORTH ELEVATOR DOORS |
| 404 | STAIR 'A' ENCLOSURE (DOUBLE DOORS) | f | (2) 3'-0" x 7'-0" | HM (STEEL) | HM (STEEL) | 90 MIN. | G | NEW | SELF-CLOSING, HOLD OPEN DEVICES TIED TO FIRE ALARM SYSTEM, NEW FIRE-RATED DOORS AND FRAME IN NEW FRAMED OPENING. | 1106 | FLOOR 11 ENTRY |
| 405 | NORTH ELEVATOR DOORS | - | 3'-0" x 8'-0" V.I.F. | STAINLESS STEEL | STAINLESS STEEL | 90 MIN. | I | NEW | NEW FIRE-RATED DOORS AT EXISTING ELEVATOR. | 1107 | CORRIDOR TO STORAGE CLOSET |
| 406 | NORTH ELEVATOR DOORS | - | 3'-0" x 8'-0" V.I.F. | STAINLESS STEEL | STAINLESS STEEL | 90 MIN. | I | NEW | NEW FIRE-RATED DOORS AT EXISTING ELEVATOR. | 1201 | CORRIDOR TO STAIR 'B' ACCESS |
| 407 | CORRIDOR TO STORAGE CLOSET | i | 3'-0" x 7'-0" | SOLID WOOD/FLUSH | HM (STEEL) | 20 MIN. | F | NEW | NEW FIRE-RATED DOOR AND FRAME IN EXISTING CLAY TILE WALL OPENING. SELF-CLOSING. | 1202 | STAIR 'B' ENCLOSURE |
| 408 | CORRIDOR TO TRASH CHUTE ACCESS ROOM | j | 3'-2" x 7'-0" | HM (STEEL) | HM (STEEL) | 45 MIN. | H | NEW | NEW FIRE-RATED DOOR AND FRAME IN NEW OPENING. AUTOMATIC DOOR OPERATOR AND OCCUPANCY SENSOR. TIED TO FIRE ALARM / SMOKE DETECTION SYSTEM.* | 1203 | STAIR 'C' ENCLOSURE |
| 409 | SOUTH ELEVATOR DOORS | - | 3'-0" x 7'-0" | STAINLESS STEEL | STAINLESS STEEL | 90 MIN. | - | NEW | NEW FIRE-RATED DOORS AT NEW ELEVATOR. COORDINATE ROUGH OPENING / INSTALLATION WITH ELEVATOR MANUFACTURER. | 1204 | STAIR 'B' ENCLOSURE |
| 410 | CORRIDOR TO MECH. ROOM | i | 3'-0" x 7'-0" | SOLID WOOD/FLUSH | HM (STEEL) | 20 MIN. | F | NEW | NEW FIRE-RATED DOOR AND FRAME IN NEW FRAMED OPENING. | 1205 | NORTH ELEVATOR DOORS |
| 501 | CORRIDOR TO STAIR 'B' ACCESS | g | 3'-0" x 7'-0" | EXISTING STEEL | EXISTING STEEL | 90 MIN. | E | EXISTING | EXISTING FIRE-RATED DOOR AND FRAME IN EXISTING OPENING. EXISTING DOOR TO RECEIVE NEW HARDWARE. SELF-CLOSING. REPLACE DOOR AND FRAME IF FOUND NOT TO BE 90 MIN. | 1206 | NOT USED |
| 502 | STAIR 'B' ENCLOSURE | g | 3'-0" x 7'-0" | EXISTING STEEL | EXISTING STEEL | 90 MIN. | E | EXISTING | EXISTING DOOR AND FRAME IN EXISTING OPENING. EXISTING DOOR TO RECEIVE NEW HARDWARE. SELF-CLOSING. REPLACE DOOR AND FRAME IF FOUND NOT TO BE 90 MIN. | 1207 | CORRIDOR TO STORAGE CLOSET |
| 503 | STAIR 'A' ENCLOSURE (DOUBLE DOORS) | f | (2) 3'-0" x 7'-0" | HM (STEEL) | HM (STEEL) | 90 MIN. | G | NEW | SELF-CLOSING, HOLD OPEN DEVICES TIED TO FIRE ALARM SYSTEM, NEW FIRE-RATED DOORS AND FRAME IN NEW FRAMED OPENING. | | |
| 504 | STAIR 'A' ENCLOSURE (DOUBLE DOORS) | f | (2) 3'-0" x 7'-0" | HM (STEEL) | HM (STEEL) | 90 MIN. | G | NEW | SELF-CLOSING, HOLD OPEN DEVICES TIED TO FIRE ALARM SYSTEM, NEW FIRE-RATED DOORS AND FRAME IN NEW FRAMED OPENING. | | |
| 505 | NORTH ELEVATOR DOORS | - | 3'-0" x 8'-0" V.I.F. | STAINLESS STEEL | STAINLESS STEEL | 90 MIN. | I | NEW | NEW FIRE-RATED DOORS AT EXISTING ELEVATOR. | | |
| 506 | NORTH ELEVATOR DOORS | - | 3'-0" x 8'-0" V.I.F. | STAINLESS STEEL | STAINLESS STEEL | 90 MIN. | I | NEW | NEW FIRE-RATED DOORS AT EXISTING ELEVATOR. | | |
| 507 | CORRIDOR TO STORAGE CLOSET | i | 3'-0" x 7'-0" | SOLID WOOD/FLUSH | HM (STEEL) | 20 MIN. | F | NEW | NEW FIRE-RATED DOOR AND FRAME IN EXISTING CLAY TILE WALL OPENING. SELF-CLOSING. | | |
| 508 | CORRIDOR TO TRASH CHUTE ACCESS ROOM | j | 3'-2" x 7'-0" | HM (STEEL) | HM (STEEL) | 45 MIN. | H | NEW | NEW FIRE-RATED DOOR AND FRAME IN NEW OPENING. AUTOMATIC DOOR OPERATOR AND OCCUPANCY SENSOR. TIED TO FIRE ALARM / SMOKE DETECTION SYSTEM.* | | |
| 509 | SOUTH ELEVATOR DOORS | - | 3'-0" x 7'-0" | STAINLESS STEEL | STAINLESS STEEL | 90 MIN. | - | NEW | NEW FIRE-RATED DOORS AT NEW ELEVATOR. COORDINATE ROUGH OPENING / INSTALLATION WITH ELEVATOR MANUFACTURER. | | |
| 510 | CORRIDOR TO MECH. ROOM | i | 3'-0" x 7'-0" | SOLID WOOD/FLUSH | HM (STEEL) | 20 MIN. | F | NEW | NEW FIRE-RATED DOOR AND FRAME IN NEW FRAMED OPENING. | | |
| 601 | CORRIDOR TO STAIR 'B' ACCESS | g | 3'-0" x 7'-0" | EXISTING STEEL | EXISTING STEEL | 90 MIN. | E | EXISTING | EXISTING FIRE-RATED DOOR AND FRAME IN EXISTING OPENING. EXISTING DOOR TO RECEIVE NEW HARDWARE. SELF-CLOSING. REPLACE DOOR AND FRAME IF FOUND NOT TO BE 90 MIN. | | |
| 602 | STAIR 'B' ENCLOSURE | g | 3'-0" x 7'-0" | EXISTING STEEL | EXISTING STEEL | 90 MIN. | E | EXISTING | EXISTING DOOR AND FRAME IN EXISTING OPENING. EXISTING DOOR TO RECEIVE NEW HARDWARE. SELF-CLOSING. REPLACE DOOR AND FRAME IF FOUND NOT TO BE 90 MIN. | | |
| 603 | STAIR 'A' ENCLOSURE (DOUBLE DOORS) | f | (2) 3'-0" x 7'-0" | HM (STEEL) | HM (STEEL) | 90 MIN. | G | NEW | SELF-CLOSING, HOLD OPEN DEVICES TIED TO FIRE ALARM SYSTEM, NEW FIRE-RATED DOORS AND FRAME IN NEW FRAMED OPENING. | | |
| 604 | STAIR 'A' ENCLOSURE (DOUBLE DOORS) | f | (2) 3'-0" x 7'-0" | HM (STEEL) | HM (STEEL) | 90 MIN. | G | NEW | SELF-CLOSING, HOLD OPEN DEVICES TIED TO FIRE ALARM SYSTEM, NEW FIRE-RATED DOORS AND FRAME IN NEW FRAMED OPENING. | | |
| 605 | NORTH ELEVATOR DOORS | - | 3'-0" x 8'-0" V.I.F. | STAINLESS STEEL | STAINLESS STEEL | 90 MIN. | I | NEW | NEW FIRE-RATED DOORS AT EXISTING ELEVATOR. | | |
| 606 | NORTH ELEVATOR DOORS | - | 3'-0" x 8'-0" V.I.F. | STAINLESS STEEL | STAINLESS STEEL | 90 MIN. | I | NEW | NEW FIRE-RATED DOORS AT EXISTING ELEVATOR. | | |
| 607 | CORRIDOR TO STAIR 'B' ACCESS | g | 3'-0" x 7'-0" | EXISTING STEEL | EXISTING STEEL | 90 MIN. | E | EXISTING | EXISTING DOOR AND FRAME IN EXISTING OPENING | | |

| TYPICAL DWELLING UNIT FINISH SCHEDULE | | | | | |
|---------------------------------------|-----------------|--------------------|-------------|----------------|-------|
| ROOM NAME | FLOOR MATERIALS | WALL BASE MATERIAL | WALL FINISH | CEILING FINISH | NOTES |
| BATHROOM | F-2 | B-1 | W-1, W-3 | C-1 | |
| LIVING/SLEEPING | F-1 | B-2, B-3 | W-1, W-2 | C-1, C-2 | |
| KITCHEN | F-1 | B-2, B-3 | W-1, W-3 | C-1, C-2 | |
| CLOSETS | F-1 | B-2, B-3 | W-1, W-2 | C-1 | |

| COMMON AREA FINISH SCHEDULE | | | | | |
|--|-----------------|--------------------|---------------|----------------|-------|
| ROOM NAME | FLOOR MATERIALS | WALL BASE MATERIAL | WALL FINISH | CEILING FINISH | NOTES |
| BASEMENT | | | | | |
| TRASH DISCHARGE ROOM | F-5 | B-3 | W-1, W-4, W-5 | C-1, C-2 | M-1 |
| FIRST FLOOR | | | | | |
| TRASH ROOM - NO ACCESS | F-4 | B-3 | W-1, W-2, W-4 | C-1 | |
| SECOND FLOOR | | | | | |
| TRASH ROOM | F-4 | B-2, B-3 | W-1, W-2, W-5 | C-1, C-2 | |
| STORAGE CLOSET | F-4 | B-2, B-3 | W-1, W-5, W-6 | C-1 | |
| THIRD - TENTH FLOORS | | | | | |
| CORRIDOR A, B | F-3 | B-3 | W-1, W-2 | C-1, C-2 | |
| STAIR TRANSITION | F-4 | B-2, B-3 | W-1, W-2 | C-1, C-2 | M-1 |
| ELEVATOR LOBBY | F-3 | B-2, B-3 | W-1, W-2 | C-2 | |
| ELECTRICAL / MECHANICAL ROOM | F-4 | B-2, B-3 | W-1, W-2, W-4 | C-2 | |
| STORAGE CLOSET | F-4 | B-2, B-3 | W-1, W-2, W-5 | C-1 | |
| TRASH ROOM | F-4 | B-2, B-3 | W-1, W-2, W-5 | C-1, C-2 | |
| ELEVATOR CONTROL (UHF/FLR ONLY) | F-3 | B-3 | W-1 | C-2 | |
| ELEVENTH FLOOR | | | | | |
| STORAGE CLOSET | F-4 | B-2, B-3 | W-1, W-2 | C-1 | |
| FLOOR 11.5 | | | | | |
| MERCANTILE LIBRARY STORAGE | F-6 | B-2 | W-1, W-2 | C-2 | |
| TWELFTH FLOOR | | | | | |
| STORAGE CLOSET | F-4 | B-2, B-3 | W-1, W-2 | C-1 | |
| ELECTRICAL / MECHANICAL ROOM - NO ACCESS | F-4 | B-2, B-3 | W-1, W-2 | C-2 | |

| STAIR FINISH SCHEDULE | | | | | | | | |
|-----------------------|--------------|---------------------------------------|-------------------|------------------|-----------|-------|--|--------------------------|
| STAIR | LOWEST LEVEL | UPPER FLOOR AND INTERMEDIATE LANDINGS | TREADS AND RISERS | BASE AT LANDINGS | STRINGERS | WALLS | CEILING AND UNDERSIDE OF STAIRS AND LANDINGS | HANDRAILS AND GUARDRAILS |
| STAIR A | F-3 | F-3 | M-2, M-4 | B-2, B-3 | M-2 | W-2 | M-2, C-2 (WHERE OCCURS) | M-3 |

FINISH SCHEDULE GENERAL NOTES

- REFER TO HISTORIC KEYNOTES ON DEMOLITION AND NEW WORK PLANS. CONTACT ARCHITECT IF INTENT OF MAINTAINING HISTORIC FINISHES IS UNCLEAR.
- REFER TO DEMOLITION PLANS FOR EXISTING FINISHES TO BE REMOVED.
- FINISHES NOTED IN THE FINISH SCHEDULE ARE BASED ON THE APPROVED PART 2 NARRATIVE.
- SPECIFIC PRODUCTS AND COLORS ARE TO BE SELECTED BY OWNER AND COORDINATED BY CONTRACTOR.
- PLASTER FINISH ON EXISTING WALLS AND CEILINGS NOT COVERED BY NEW CONSTRUCTION ARE TO REMAIN PLASTER. REPAIR PLASTER TO MATCH EXISTING TEXTURE. PRIME AND PAINT. WALLS AND CEILINGS AT NEW CONSTRUCTION TO BE SMOOTH GYPSUM BOARD, PRIMED AND PAINTED. U.O.N. PROVIDE WATER/HOLD RESISTANT GYP. BOARD FOR ALL LOCATIONS IDENTIFIED IN THE WATER/HOLD RESISTANT GYP. BOARD SCHEDULE. REFER TO WALL TYPES AND FLOOR / CEILING ASSEMBLY SHEETS A0.2 AND A0.3.
- ALL FINISHES LABELED AS EXISTING ARE TO BE FIELD VERIFIED.
- ALL FINISHED FLOORING IS TO RUN WALL TO WALL UNDER CABINETS AND APPLIANCES.
- TRANSITIONS IN FLOOR FINISH ARE TO OCCUR BELOW THE BOTTOM OF EACH DOOR. PROVIDE FLOORING MANUFACTURER'S RECOMMENDED TRANSITION BETWEEN VARIOUS MATERIALS. ALL TRANSITIONS OF FLOOR TYPES TO BE ADA/ANSI 117.1 COMPLIANT.

| FINISH KEY | | |
|---------------|---|---|
| CODE | MATERIAL | NOTES |
| FLOORS | | |
| F-1 | NEW HARDWOOD | NEW HARDWOOD FLOORING TO MATCH EXISTING FLOORING PLANK WIDTH AND ORIENTATION. |
| F-2 | NEW CERAMIC TILE | SEE ENLARGED UNIT PLANS AND ELEVATIONS ON THE ^(BY SHEET SERIES) FOR SPECIFIC LOCATION OF TILE WITHIN DWELLING UNITS. |
| F-3 | EXISTING HISTORIC ENCAUSTIC TILE | HISTORIC RED, BLACK, AND WHITE ENCAUSTIC TILE EXPOSED OR UNDERNEATH EXISTING FINISHES. TO BE MAINTAINED AND CLEANED. IN AREAS WHERE ENCAUSTIC TILE IS MISSING, INSTALL CONTEMPORARY TILE TO MATCH THE HISTORIC TILE IN SHAPE, TEXTURE, AND COLOR. CONTRACTOR TO NOTIFY ARCHITECT IF THERE IS NO ENCAUSTIC TILE FOUND IN CORRIDORS UNDER CONTEMPORARY FINISHED FLOORING. |
| F-4 | NEW TILE | CONTEMPORARY TILE TO MATCH THE RED HISTORIC ENCAUSTIC TILE COLOR (F-3). TILE SELECTION TO BE MADE BY ARCHITECT AND OWNER. |
| F-5 | NEW CONCRETE | SEE NEW WORK PLANS AND STRUCTURAL DRAWINGS FOR EXTENT OF NEW CONCRETE SLAB. |
| F-6 | EXISTING SALVAGED HARDWOOD | SALVAGED HARDWOOD FLOORING FROM HISTORIC 11.5 LEVEL TO BE REINSTALLED. MATCH WITH NEW HARDWOOD WHERE MISSING. |
| WALL BASE | | |
| B-1 | NEW TILE BASE | SEE INTERIOR ELEVATIONS ^(BY SHEET SERIES) FOR NEW TILE BASE IN UNIT BATHROOMS. PROVIDE SCHEDULED FINISH MEGALUMINUM TRIM AT TOP OF BASE. |
| B-2 | EXISTING HISTORIC WOOD BASE W/ TOE MOULD, PAINTED | SEE HISTORIC KEYED NOTE 'D' AND 'D.1'. |
| B-3 | NEW MDF WOOD BASE W/ TOE MOULD, PAINTED | PROVIDE 3 1/2" FLAT STOCK BASE WITH TOE MOULD, PAINTED. |
| WALLS | | |
| W-1 | GYP BD. | PAINTED SMOOTH FINISH. SEE NEW WORK PLANS FOR WALL TYPES. |
| W-2 | EXISTING PLASTER | ALL PEELING PAINT AND LOOSE PLASTER TO BE REMOVED AND PLASTER FINISH WILL BE REPAIRED TO MATCH EXISTING TEXTURES AND REPAIRED. SEE NEW WORK PLANS FOR WALL TYPES. |
| W-3 | TILE | SEE INTERIOR ELEVATIONS ^(BY SHEET SERIES) FOR NEW WALL TILE IN UNIT BATHROOMS AND KITCHENS. PROVIDE SCHUBERT SCHEINE ALUMINUM TRIM AT ENDS. |
| W-4 | EXPOSED CMU | SEE NEW WORK PLANS FOR WALL TYPES. |
| W-5 | EXISTING EXPOSED BRICK | PRIME AND PAINT WHERE PREVIOUSLY PAINTED. SEE NEW WORK PLANS FOR WALL TYPES. |
| W-6 | EXISTING EXPOSED CLAY TILE MASONRY | PRIME AND PAINT WHERE PREVIOUSLY PAINTED. SEE NEW WORK PLANS FOR WALL TYPES. |
| CEILINGS | | |
| C-1 | GYP BD. | PAINTED SMOOTH FINISH. |
| C-2 | EXISTING PLASTER | ALL PEELING PAINT AND LOOSE PLASTER TO BE REMOVED AND PLASTER FINISH WILL BE REPAIRED TO MATCH EXISTING TEXTURES AND REPAINTED. |
| MISCELLANEOUS | | |
| M-1 | NEW STEEL HANDRAILS | PRIME AND PAINT. SEE NEW WORK PLANS FOR APPLICABLE LOCATIONS. |
| M-2 | EXISTING CAST IRON STAIR COMPONENTS | PAINTED EXISTING RISERS, NEWEL POST, BALUSTRADE, AND STRINGERS TO BE SCRAPPED AND REPAINTED. |
| M-3 | EXISTING WOOD HANDRAIL | EXISTING WOOD HANDRAIL TO BE CLEANED AND FINISHED WITH A NEW COAT OF STAIN. |
| M-4 | EXISTING MARBLE TREADS | EXISTING MARBLE TREADS TO BE CLEANED AND POLISHED. INSTALL NEW SLIP RESISTANT TREADS THAT BLEND WITH COLOR OF ADJACENT MARBLE. |

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FINISH SCHEDULE

A0.5

HISTORIC GENERAL NOTES

- ALL TILE FLOORING, EXPOSED OR CURRENTLY COVERED BY CONTEMPORARY FLOOR FINISHES, IN ELEVATOR LOBBIES, CORRIDORS, AND WITHIN OFFICE AREAS TO REMAIN IN PLACE.
- NOTIFY ARCHITECT TO REVIEW FLOORING AFTER EXISTING CONTEMPORARY FLOORING IS REMOVED.
- PAINTED WOOD WINDOW CASING IS TYPICALLY PRESENT AT EXTERIOR OPENINGS. **DO NOT ILLUSTRATED.** WINDOW CASING IS TO REMAIN IN PLACE. REPAIR TO MATCH HISTORIC AS REQ'D. PRIME AND PAINT. CONTRACTOR SHALL REPAIR WINDOW CASING, SILLS, AND APRONS IN DWELLING UNITS AND COMMON SPACES TO MATCH HISTORIC CONDITION. CASING AND SILLS ARE TYPICALLY PRESENT. APRONS ARE MISSING OR DAMAGED DUE TO PREVIOUS INSTALLATION OF RADIACTOR COVERS. PROVIDE NEW WINDOW CASING, SILLS, AND APRONS TO CLOSELY MATCH HISTORIC PROFILES WHERE HISTORIC ELEMENTS ARE MISSING OR DAMAGED. PRIME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.
- PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED WHERE INDICATED ON PLANS. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS. **DO NOT ILLUSTRATED.** CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND COMMON SPACES. SALVAGE WOOD BASEBOARD AT INTERIOR OFFICE WALLS AND INSTALL IN MISSING PERIMETER EXTERIOR WALL LOCATIONS. CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD BASEBOARD TO MATCH HISTORIC BASEBOARD PROFILE AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES AT REMAINING LOCATIONS WHERE HISTORIC BASEBOARD IS MISSING OR THE SALVAGED WOOD BASEBOARD CANNOT BE REINSTALLED. NEW BASEBOARD ON INTERIOR WALLS WILL NOT MATCH HISTORIC PROFILE. PRIME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.

HISTORIC KEYED NOTES

- A. MARBLE WAINSCOT TO REMAIN.
- A.1. MARBLE WAINSCOT PANELS TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT/TRASH ROOM CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH EXISTING CONFIGURATION EXCESS SALVAGED MARBLE TO BE APPLIED WHERE MISSING AT SOUTH WALL OF SECOND FLOOR LOBBY.
- B. MARBLE WINDOW SILL OR DOOR THRESHOLD TO REMAIN.
- C. MARBLE THRESHOLD TO BE REMOVED.
- D. PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED WHERE INDICATED ON PLANS. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS. **DO NOT ILLUSTRATED.** CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES. SALVAGE WOOD BASEBOARD AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES AT REMAINING LOCATIONS WHERE HISTORIC BASEBOARD IS MISSING OR THE SALVAGED WOOD BASEBOARD CANNOT BE REINSTALLED. NEW BASEBOARD ON INTERIOR WALLS WILL NOT MATCH HISTORIC PROFILE. PRIME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.
- D.1. PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED FOR REINSTALLATION IN SAME LOCATION WHERE STILL EXPOSED AFTER NEW FLOOR FINISH / NEW WALL CONSTRUCTION WITHIN FLOOR 11.2. MARBLE LIBRARY STORAGE ROOM. PRIME AND PAINT. COLOR TO BE SELECTED BY ARCHITECT.
- E. PAINTED WOOD PICTURE RAIL TO REMAIN. CONTRACTOR SHALL REPAIR HISTORIC PICTURE RAIL AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS. SALVAGE WOOD PICTURE RAIL AT INTERIOR OFFICE WALLS AND INSTALL IN MISSING PERIMETER WALL LOCATIONS. AT REMAINING MISSING LOCATIONS, CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD PICTURE RAIL TO MATCH HISTORIC PICTURE RAIL PROFILE AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS WHERE ANY HISTORIC PICTURE RAIL IS PRESENT TO COMPLETE THE EXTERIOR WALLS. DO NOT INSTALL NEW PICTURE RAIL INSIDE OF DWELLING UNITS WHERE NO HISTORIC PICTURE RAIL IS PRESENT.
- E.1. PAINTED WOOD PICTURE RAIL TO REMAIN WHERE STILL EXPOSED AFTER NEW WALL CONSTRUCTION WITHIN FLOOR 11.5. MARBLE LIBRARY STORAGE ROOM. SALVAGE WOOD PICTURE RAIL AT WALL LOCATIONS NOW COVERED BY NEW SHAFT WALL CONSTRUCTION AND REINSTALL IF MISSING AT EXISTING EXPOSED WALLS WITHIN THE ROOM.
- F. PAINTED WOOD PICTURE RAIL TO BE REMOVED. SALVAGE. SEE HISTORIC KEYED NOTE.
- G. PAINTED WOOD CROWN MOULD TO BE REMOVED.
- H. PAINTED WOOD DOOR TRANSOM TO BE REMOVED.
- I. PAINTED WOOD DOOR CASING TO BE REMOVED.
- J. COVE CEILING REMNANT TO BE REMOVED.
- K. MALL CHUTE AND MARBLE TO REMAIN.
- L. EXISTING CLAY TILE SHAFT WALL, MARBLE WALL PANELS AND MARBLE SURROUND TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH CONFIGURATION.
- M. HISTORIC PLASTER CEILING ABOVE CONTEMPORARY SUSPENDED CEILING TO REMAIN INTACT WITH NO DAMAGE DURING CONSTRUCTION.
- N. HISTORIC METAL ELEVATOR DOORS, METAL PANEL ABOVE DOORS, AND METAL STOP INDICATOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CAGI ELEVATOR SHAFTS AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENING/HISTORIC MARBLE SURROUND.
- O. HISTORIC METAL ELEVATOR DOORS AND METAL PANEL ABOVE DOOR TO BE REMOVED. HISTORIC METAL STOP INDICATOR TO BE CAREFULLY REMOVED AND SALVAGED FOR REINSTALLATION IN NEW METAL PANEL.
- P. HISTORIC STEEL ELEVATOR DOOR AND FRAME TO BE REMOVED.
- Q. HISTORIC METAL ELEVATOR DOOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CAGI ELEVATOR SHAFT AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENING AND HISTORIC METAL FRAME.
- R. HISTORIC ELEVATOR DOOR TO BE REMOVED TO ACCOMMODATE NEW FIRE-RATED ELEVATOR DOOR. HISTORIC FRAME TO REMAIN.
- S. HISTORIC ACCESS DOOR TO REMAIN. DOOR TO BE FIXED SHUT IN THE CLOSED POSITION.
- T. HISTORIC DOOR TO REMAIN IN PLACE.
- U. HISTORIC WOOD FINISHED FLOORING IS TO BE REMOVED AND SALVAGED FOR REINSTALLATION AFTER NEW FLOOR STRUCTURE INFILL.

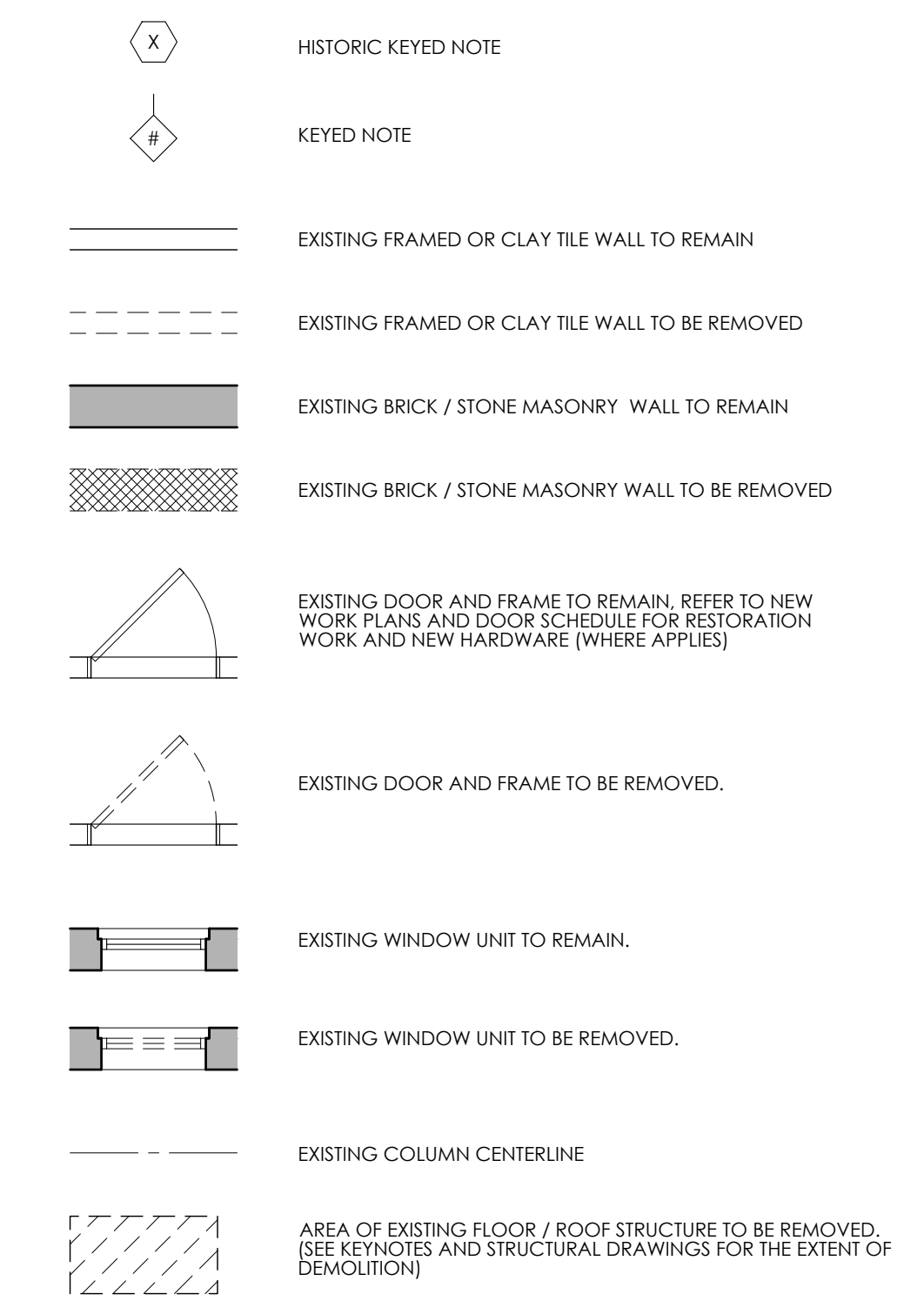
DEMOLITION PLAN GENERAL NOTES

- THE 11TH FLOOR LIBRARY AND ASSOCIATED 12TH FLOOR CONFERENCE ROOM WILL REMAIN IN OPERATION DURING RENOVATION WORK. MAINTAIN ALL EXIT COMPONENTS INCLUDING EXIT SIGNS, EXIT STAIR ENCLOSURES, LIGHTING, FIRE ALARMS, FIRE SUPPRESSION, ETC. CONTRACTOR TO COORDINATE WITH TENANT AND BUILDING INSPECTOR AS NECESSARY.
- ALL DASHED ELEMENTS TO BE REMOVED. U.N.O. CONSULT ARCHITECT IF NIENT IS UNCLEAR.
- ALL LOAD BEARING STRUCTURAL ELEMENTS ARE TO REMAIN. U.N.O. WHERE EXISTING STRUCTURE IS NOTED TO BE REMOVED, OR MAJOR OPENINGS ARE CREATED OR MODIFIED, SHORE AND BRACE EXISTING BUILDING AS REQUIRED.
- REMOVE ALL EXISTING SUSPENDED CEILING.
- REMOVE ALL EXISTING CARPET, VINYL, FLOOR TILE AND VINYL WALL BASE. ARCHITECT TO REVIEW FLOORING AFTER CONTEMPORARY FINISHES ARE REMOVED.
- REMOVE EXISTING NON-FUNCTIONING MECHANICAL, ELECTRICAL, PLUMBING, INCLUDING DUCTWORK, RADIACTORS, PIPING, CONDUIT, HANGERS, ETC. CAP/TERMINATE AS REQUIRED. ALL MATERIALS THAT FINISHES WALL, CEILING, OR FLOORS TO BE CUT FLUSH AND GROUND SMOOTH. SURROUNDING FINISH MATERIALS TO NOT BE DAMAGED.
- REMOVE ALL EXISTING LIGHT FIXTURES AND ALL ASSOCIATED CONDUIT.
- REMOVE ALL NON-HISTORIC BELT RAS.
- EXISTING ELEVATOR HOISTWAYS, ELEVATORS, AND SHAFT WALLS TO REMAIN AT NORTH SIDE OF LOBBY.
- EXISTING PLASTER CEILING ABOVE DROP CEILING ARE TO REMAIN. TAKE CARE AND PROTECT THESE SURFACES DURING WORK.
- ALL EXISTING HISTORIC WOOD WINDOW TRIM (IF PRESENT) TO REMAIN AT FLOORS 2, 13, 11, U.O.
- ALL OTHER EXISTING TRIM SUCH AS CHAIR RAILS, PICTURE RAILS, AND BASEBOARD SHALL BE MAINTAINED OR REMOVED AS NOTED ON PLANS. ANY REMOVED TRIM SHALL BE SALVAGED FOR REINSTALLATION TO BE NOTIFIED OF ANY HISTORIC TRIM FOUND DURING DEMOLITION NOT SHOWN ON PLANS. CONTACT ARCHITECT FOR DIRECTION IF ANY ADDITIONAL HISTORIC ELEMENTS ARE DISCOVERED DURING DEMOLITION.

DEMOLITION PLAN KEYED NOTES

- EXISTING FURNING AND RADIACTOR COVERS TO BE REMOVED. ALL WOOD BASEBOARD, WINDOW SILLS / APRONS / TRIM AT PERIMETER WALLS AND BEHIND FURNING TO REMAIN IN PLACE.
- EXISTING CLAY TILE AND PLASTER COLUMN ENCLOSURES AND STEEL COLUMNS TO REMAIN. FURNING AND DRYWALL AROUND COLUMNS TO BE REMOVED AS INDICATED ON DEMOLITION PLANS. CONTRACTOR TO ASSESS CONDITION OF PLASTER AND CLAY TILE ENCLOSURES IN ORDER TO DETERMINE NECESSARY UPGRADES.
- EXISTING NON-RATED ELEVATOR DOOR TO REMAIN.
- EXISTING ELEVATOR PLATFORM LEFT TO REMAIN.
- EXISTING EXPOSED STEEL COLUMN / BEAM TO REMAIN. U.N.O. PROVIDE 2 HR RATED INTUMESCENT COATING WITH THICKNESS AS REQUIRED FOR RATING - TYPICAL FOR ALL EXPOSED STEEL IN BUILDING. SEE NEW WORK PLANS AND DETAIL #A/D.3.
- REMOVE EXISTING ELEVATOR EQUIPMENT, CONCRETE SLAB, MASONRY WALLS, ETC. AS NECESSARY TO CONSTRUCT NEW ELEVATOR PIT / SHAFT AND NEW TRASH CHUTE / TRASH CHUTE DISCHARGE ROOM.
- STABILIZE EXISTING STAIR AS NECESSARY AS PART OF NEW ELEVATOR PIT / SHAFT WORK.
- REMOVE PLASTER WRAP AT COLUMN IN ORDER TO EXPOSE STEEL TO RECEIVE 2 HR RATED INTUMESCENT COATING AS REQUIRED. SEE NEW WORK PLANS AND DETAIL #A/D.3.
- EXISTING ELEVATORS TO BE REMOVED.
- EXISTING CONTEMPORARY SUSPENDED SLATED CEILING TO BE REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT CONSTRUCTION. REINSTALL CEILING.
- WORK EXISTING ELEVATOR DOOR OPENING IN CLAY TILE SHAFT WALL AS NECESSARY TO ACCOMMODATE NEW ELEVATOR DOOR IN NEW CAGI SHAFT WALL. COORDINATE ROUGH OPENING DIMENSION WITH ELEVATOR MANUFACTURER. PREP FOR RE-ILL.
- PORTION OF EXISTING STEEL BEAM TO BE REMOVED FOR CONSTRUCTION OF NEW ELEVATOR SHAFT. REFER TO STRUCTURAL DRAWING. ANY REMAINING EXPOSED STEEL TO RECEIVE 2 HR FIRE-RATED INTUMESCENT COATING WITH THICKNESS AS REQUIRED FOR RATING - TYPICAL FOR ALL EXPOSED STEEL IN BUILDING. SEE NEW WORK PLANS AND DETAIL #A/D.3.

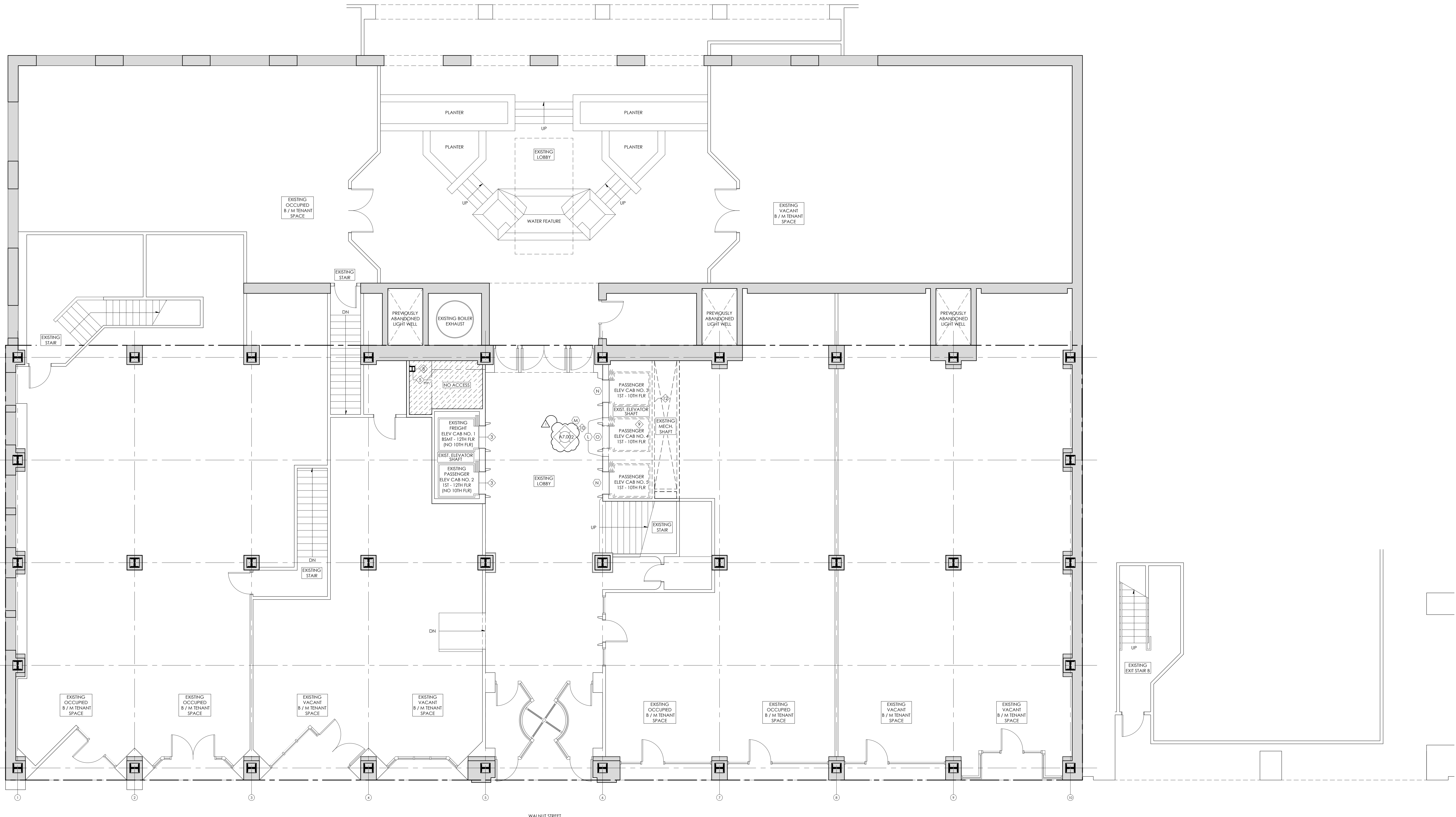
DEMOLITION PLAN GRAPHIC LEGEND



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1 FIRST FLOOR DEMOLITION PLAN
A2.01
3/16" = 1'-0"

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FIRST FLOOR
DEMOLITION PLAN

A2.01

HISTORIC GENERAL NOTES

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- NOTIFY ARCHITECT TO REVIEW FLOORING AFTER EXISTING CONTEMPORARY FLOORING IS REMOVED.
- PAINTED WOOD WINDOW CASING IS TYPICALLY PRESENT AT EXTERIOR OPENINGS (NOT ILLUSTRATED). WINDOW CASING TO REMAIN IN PLACE. REPAIR TO MATCH HISTORIC. AS REQ'D, PRIME AND PAINT. CONTRACTOR SHALL REPAIR WINDOW CASING, SILLS, AND APRONS IN DWELLING UNITS AND COMMON SPACES TO MATCH HISTORIC CONDITION. CASING AND SILLS ARE TYPICALLY PRESENT. APRONS ARE TYPICALLY MISSING OR DAMAGED DUE TO PREVIOUS INSTALLATION OF RADIACTOR COVERS. PROVIDE NEW WINDOW CASING, SILLS AND APRONS TO CLOSELY MATCH HISTORIC PROFILES WHERE HISTORIC ELEMENTS ARE MISSING OR DAMAGED. PRIME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.
- PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED WHERE INDICATED ON PLANS. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (NOT ILLUSTRATED). CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS AND INSTALL IN MISSING PERIMETER EXTERIOR WALL LOCATIONS. CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD BASEBOARD TO MATCH HISTORIC BASEBOARD PROFILE AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES AT REMAINING LOCATIONS WHERE HISTORIC BASEBOARD IS MISSING OR THE SALVAGED WOOD BASEBOARD CAN NOT BE REINSTALLED. NEW BASEBOARD ON INTERIOR WALLS WILL NOT MATCH HISTORIC PROFILE. TRIM AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.

HISTORIC KEYED NOTES

- A. MARBLE WAINSCOT TO REMAIN.
- A.1. MARBLE WAINSCOT PANELS TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT / TRASH ROOM CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH EXISTING CONFIGURATION. EXCESS SALVAGED MARBLE TO BE APPLIED WHERE MISSING AT SOUTH WALL OF SECOND FLOOR LOBBY.
- B. MARBLE WINDOW SILL OR DOOR THRESHOLD TO REMAIN.
- C. MARBLE THRESHOLD TO BE REMOVED.
- D. PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED WHERE INDICATED ON PLANS. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (NOT ILLUSTRATED). CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS AND INSTALL IN MISSING PERIMETER EXTERIOR WALL LOCATIONS. CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD BASEBOARD TO MATCH HISTORIC BASEBOARD PROFILE AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES AT REMAINING LOCATIONS WHERE HISTORIC BASEBOARD IS MISSING OR THE SALVAGED WOOD BASEBOARD CAN NOT BE REINSTALLED. NEW BASEBOARD ON INTERIOR WALLS WILL NOT MATCH HISTORIC PROFILE. TRIM AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.
- D.1. PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED FOR REINSTALLATION IN SAME LOCATION WHERE STILL EXPOSED AFTER NEW FLOOR FINISH / NEW WALL CONSTRUCTION WITHIN FLOOR 11.5. MERCANTILE LIBRARY STORAGE ROOM. PRIME AND PAINT. COLOR TO BE SELECTED BY ARCHITECT.
- E. PAINTED WOOD PICTURE RAIL TO REMAIN. CONTRACTOR SHALL REPAIR HISTORIC PICTURE RAIL AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS. SALVAGE WOOD PICTURE RAIL AT INTERIOR OFFICE WALLS AND INSTALL IN MISSING PERIMETER WALL LOCATIONS. AT REMAINING MISSING LOCATIONS, CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD PICTURE RAIL TO MATCH HISTORIC PICTURE RAIL PROFILE AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS WHERE ANY HISTORIC PICTURE RAIL IS PRESENT (TO COMPLETE THE EXTERIOR WALLS). DO NOT INSTALL NEW PICTURE RAIL INSIDE OF DWELLING UNITS WHERE NO HISTORIC PICTURE RAIL IS PRESENT.
- E.1. PAINTED WOOD PICTURE RAIL TO REMAIN WHERE STILL EXPOSED AFTER NEW WALL CONSTRUCTION WITHIN FLOOR 11.5. MERCANTILE LIBRARY STORAGE ROOM. SALVAGE WOOD PICTURE RAIL AT WALL LOCATIONS NOW COVERED BY NEW SHAFT WALL CONSTRUCTION AND REINSTALL IF MISSING AT EXISTING EXPOSED WALLS WITHIN THE ROOM.
- F. PAINTED WOOD PICTURE RAIL TO BE REMOVED. SALVAGE. SEE HISTORIC KEYED NOTE.
- G. PAINTED WOOD CROWN MOULD TO BE REMOVED.
- H. PAINTED WOOD DOOR TRANSOM TO BE REMOVED.
- I. PAINTED WOOD DOOR CASING TO BE REMOVED.
- J. COVE CEILING REMNANT TO BE REMOVED.
- K. MALL CHUTE AND MARBLE TO REMAIN.
- L. EXISTING CLAY TILE SHAFT WALL, MARBLE WALL PANELS AND MARBLE SURROUND TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH CONFIGURATION.
- M. HISTORIC PLASTER CEILING ABOVE CONTEMPORARY SUSPENDED CEILING TO REMAIN INTACT WITH NO DAMAGE DURING CONSTRUCTION.
- N. HISTORIC METAL ELEVATOR DOORS, METAL PANEL ABOVE DOORS, AND METAL STOP INDICATOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CAB ELEVATOR SHAFTS AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENING/HISTORIC MARBLE SURROUND.
- O. HISTORIC METAL ELEVATOR DOORS AND METAL PANEL ABOVE DOOR TO BE REMOVED. HISTORIC METAL STOP INDICATOR TO BE CAREFULLY REMOVED AND SALVAGED FOR REINSTALLATION IN NEW METAL PANEL.
- P. HISTORIC STEEL ELEVATOR DOOR AND FRAME TO BE REMOVED.
- Q. HISTORIC METAL ELEVATOR DOOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CAB ELEVATOR SHAFT AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENING AND HISTORIC METAL FRAME.
- R. HISTORIC ELEVATOR DOOR TO BE REMOVED TO ACCOMMODATE NEW FIRE-RATED ELEVATOR DOOR. HISTORIC FRAME TO REMAIN.
- S. HISTORIC ACCESS DOOR TO REMAIN. DOOR TO BE FIXED SHUT IN THE CLOSED POSITION.
- T. HISTORIC DOOR TO REMAIN IN PLACE.
- U. HISTORIC WOOD FINISHED FLOORING IS TO BE REMOVED AND SALVAGED FOR REINSTALLATION AFTER NEW FLOOR STRUCTURE INFILL.

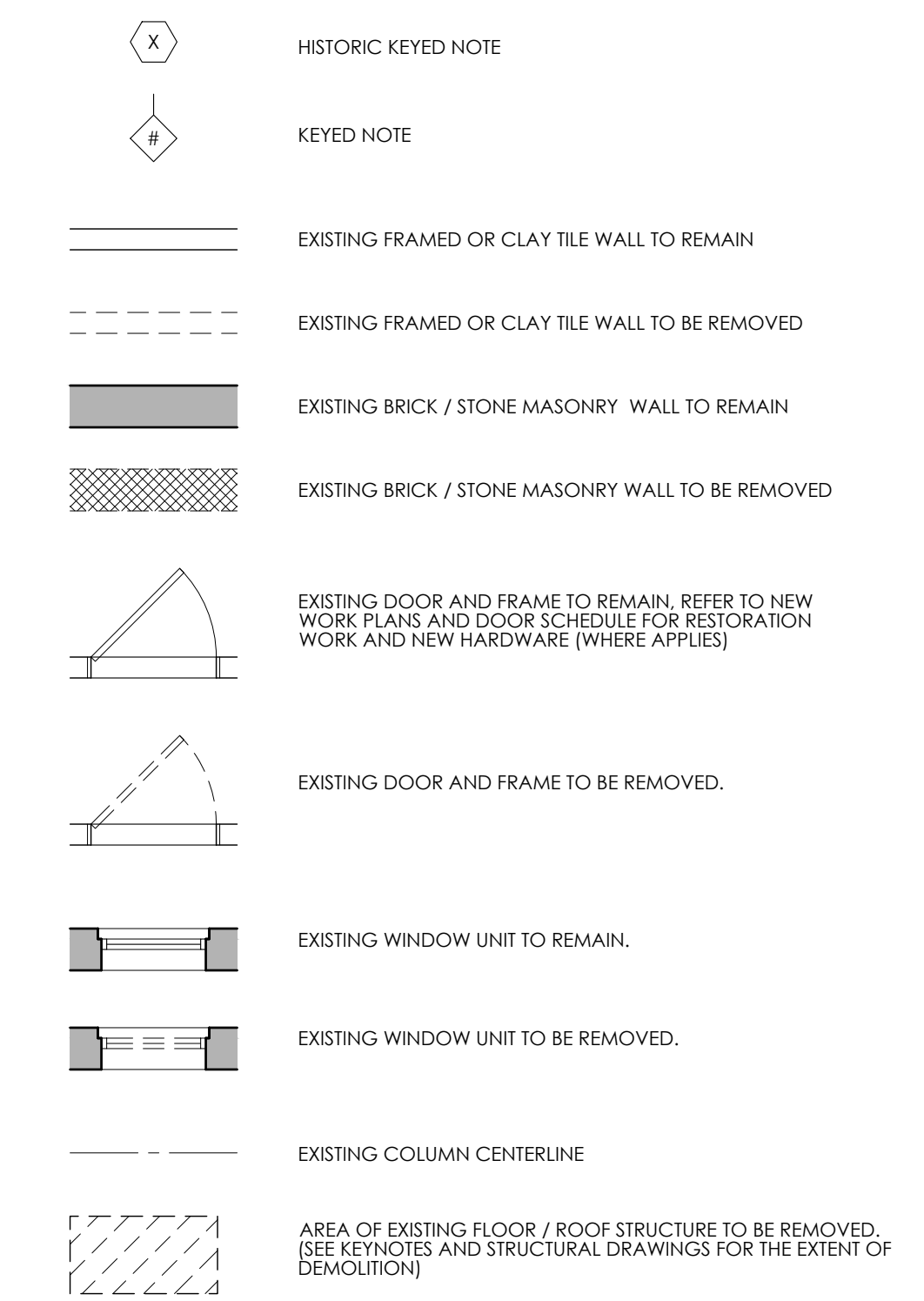
DEMOLITION PLAN GENERAL NOTES

- THE 11TH FLOOR LIBRARY AND ASSOCIATED 12TH FLOOR CONFERENCE ROOM WILL REMAIN IN OPERATION DURING RENOVATION WORK. MAINTAIN ALL EXIT COMPONENTS INCLUDING EXIT SIGNS, EXIT STAIR ENCLOSURES, LIGHTING, FIRE ALARMS, FIRE SUPPRESSION, ETC. CONTRACTOR TO COORDINATE WITH TENANT AND BUILDING INSPECTOR AS NECESSARY.
- ALL DASHED ELEMENTS TO BE REMOVED. U.N.O. CONSULT ARCHITECT IF NOT IS UNCLER.
- ALL LOAD BEARING STRUCTURAL ELEMENTS ARE TO REMAIN. U.N.O. WHERE EXISTING STRUCTURE IS NOTED TO BE REMOVED, OR MAJORITY OPENINGS ARE CREATED OR MODIFIED, SHORE AND BRACE EXISTING BUILDING AS REQUIRED.
- REMOVE ALL EXISTING SUSPENDED CEILING.
- REMOVE ALL EXISTING CARPET, VINYL FLOOR TILE AND VINYL WALL BASE. ARCHITECT TO REVIEW FLOORING AFTER CONTEMPORARY FINISHES ARE REMOVED.
- REMOVE EXISTING NON-FUNCTIONING MECHANICAL, ELECTRICAL, PLUMBING, INCLUDING DUCTWORK, RADIACTORS, PIPING, CONDUIT, HANGERS, ETC. CAP/TERMINATE AS REQUIRED. ALL MATERIALS THAT PENETRATE WALL, CEILING, OR FLOORS TO BE CUT FLUSH AND GROUND SMOOTH. SURROUNDING FINISH MATERIALS TO NOT BE DAMAGED.
- REMOVE ALL EXISTING LIGHT FIXTURES AND ALL ASSOCIATED CONDUIT.
- REMOVE ALL NON-HISTORIC BUILT-INS.
- EXISTING ELEVATOR HOISTWAYS, ELEVATORS, AND SHAFT WALLS TO REMAIN AT NORTH SIDE OF LOBBY.
- EXISTING PLASTER CEILING ABOVE DROP CEILING ARE TO REMAIN. TAKE CARE AND PROTECT THESE SURFACES DURING WORK.
- ALL EXISTING HISTORIC WOOD WINDOW TRIM (IF PRESENT) TO REMAIN AT FLOORS 2,11,13,14,15,16.
- ALL OTHER EXISTING TRIM SUCH AS CHAIR RAILS, PICTURE RAILS, AND BASEBOARD SHALL BE MAINTAINED OR REMOVED AS NOTED ON PLANS. ANY REMOVED TRIM SHALL BE SALVAGED FOR REINSTALLATION. ARCHITECT TO BE NOTIFIED OF ANY HISTORIC TRIM FOUND DURING DEMOLITION NOT SHOWN ON PLANS. CONTACT ARCHITECT FOR DIRECTION IF ANY ADDITIONAL HISTORIC ELEMENTS ARE DISCOVERED DURING DEMOLITION.

DEMOLITION PLAN KEYED NOTES

- EXISTING FURNING AND RADIACTOR COVERS TO BE REMOVED. ALL WOOD BASEBOARD, WINDOW SILLS / APRONS / TRIM AT PERIMETER WALLS AND BEHIND FURNING TO REMAIN IN PLACE.
- EXISTING CLAY TILE AND PLASTER COLUMN ENCLOSURES AND STEEL COLUMNS TO REMAIN. FURNING AND DRYWALL AROUND COLUMNS TO BE REMOVED AS INDICATED ON DEMOLITION PLANS. CONTRACTOR TO ASSESS CONDITION OF PLASTER AND CLAY TILE ENCLOSURES IN ORDER TO DETERMINE NECESSARY UPGRADES.
- EXISTING NON-RATED ELEVATOR DOOR TO REMAIN.
- EXISTING ELEVATOR PLATFORM LEFT TO REMAIN.
- EXISTING EXPOSED STEEL COLUMN / BEAM TO REMAIN. U.N.O. PROVIDE 2 HR RATED INTUMESCENT COATING WITH THICKNESS AS REQUIRED FOR RATING - TYPICAL FOR ALL EXPOSED STEEL IN BUILDING. SEE NEW WORK PLANS AND DETAIL #A/D.3.
- REMOVE EXISTING ELEVATOR EQUIPMENT, CONCRETE SLAB, MASONRY WALLS, ETC. AS NECESSARY TO CONSTRUCT NEW ELEVATOR PIT / SHAFT AND NEW TRASH CHUTE / TRASH CHUTE DISCHARGE ROOM.
- STABILIZE EXISTING STAIR AS NECESSARY AS PART OF NEW ELEVATOR PIT / SHAFT WORK.
- REMOVE PLASTER WRAP AT COLUMN IN ORDER TO EXPOSE STEEL TO RECEIVE 2 HR RATED INTUMESCENT COATING AS REQUIRED. SEE NEW WORK PLANS AND DETAIL #A/D.3.
- (B) EXISTING ELEVATORS TO BE REMOVED.
- EXISTING CONTEMPORARY SUSPENDED SLATED CEILING TO BE REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT CONSTRUCTION. REINSTALL CEILING.
- WIDEN EXISTING ELEVATOR DOOR OPENING IN CLAY TILE SHAFT WALL AS NECESSARY TO ACCOMMODATE NEW ELEVATOR DOOR IN NEW CMU SHAFT WALL. COORDINATE ROUGH OPENING DIMENSION WITH ELEVATOR MANUFACTURER. PREP FOR INFILL.
- PORTION OF EXISTING STEEL BEAM TO BE REMOVED FOR CONSTRUCTION OF NEW ELEVATOR SHAFT. REFER TO STRUCTURAL DRAWING. ANY REMAINING EXPOSED STEEL TO RECEIVE 2 HR RATED INTUMESCENT COATING WITH THICKNESS AS REQUIRED FOR RATING - TYPICAL FOR ALL EXPOSED STEEL IN BUILDING. SEE NEW WORK PLANS AND DETAIL #A/D.3.

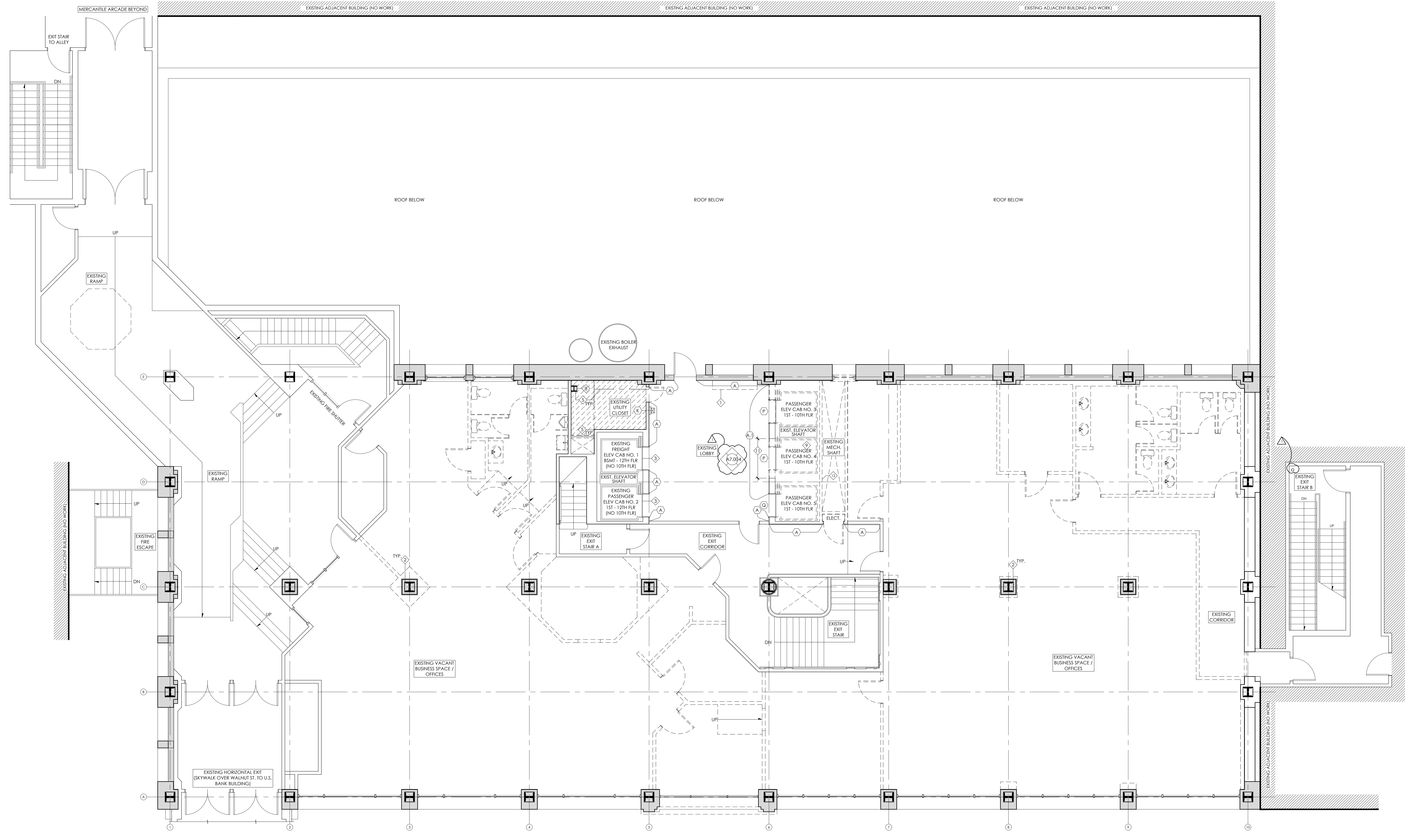
DEMOLITION PLAN GRAPHIC LEGEND



**PRELIMINARY
NOT FOR CONSTRUCTION**

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1 SECOND FLOOR DEMOLITION PLAN
A2.02
3/16" = 1'-0"

MERCANTILE LIBRARY BUILDING
414 WALNUT STREET
CINCINNATI, OH 45202

modelgroup
DEVELOPMENT • CONSTRUCTION • MANAGEMENT

ISSUE LOG:
08.17.2022
ISSUE FOR PERMIT
10.27.2022
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SECOND FLOOR
DEMOLITION PLAN

A2.02

HISTORIC GENERAL NOTES

- ALL TILE FLOORING, EXPOSED OR CURRENTLY COVERED BY CONTEMPORARY FLOOR FINISHES, IN ELEVATOR LOBBIES, CORRIDORS, AND WITHIN OFFICE AREAS TO REMAIN IN PLACE.
- NOTIFY ARCHITECT TO REVIEW FLOORING AFTER EXISTING CONTEMPORARY FLOORING IS REMOVED.
- PAINTED WOOD WINDOW CASING IS TYPICALLY PRESENT AT EXTERIOR OPENINGS (NOT ILLUSTRATED). WINDOW CASING IS TO REMAIN IN PLACE. REPAIR TO MATCH HISTORIC AS REQ'D. PRIME AND PAINT. CONTRACTOR SHALL REPAIR WINDOW CASING, SILLS, AND APRONS IN DWELLING UNITS AND COMMON SPACES TO MATCH HISTORIC CONDITION. CASING AND APRONS ARE TYPICALLY MISSING OR DAMAGED DUE TO PREVIOUS INSTALLATION OF RADIATOR COVERS. PROVIDE NEW WINDOW CASING, SILLS, AND APRONS TO CLOSELY MATCH HISTORIC PROFILES WHERE HISTORIC ELEMENTS ARE MISSING OR DAMAGED. PRIME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.
- PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED WHERE INDICATED ON PLANS. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (NOT ILLUSTRATED). CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES. SALVAGE WOOD BASEBOARD AT INTERIOR OFFICE WALLS AND INSTALL IN MISSING PERIMETER EXTERIOR WALL LOCATIONS. CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD BASEBOARD TO MATCH HISTORIC BASEBOARD PROFILE AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES AT REMAINING LOCATIONS WHERE HISTORIC BASEBOARD IS MISSING OR THE SALVAGED WOOD BASEBOARD CANNOT BE REINSTALLED. NEW BASEBOARD ON INTERIOR WALLS WILL NOT MATCH HISTORIC PROFILE. PRIME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.

HISTORIC KEYED NOTES

- A. MARBLE WAINSCOT TO REMAIN.
- A.1. MARBLE WAINSCOT PANELS TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT / TRASH ROOM CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH EXISTING CONFIGURATION EXCESS SALVAGED MARBLE TO BE APPLIED WHERE MISSING AT SOUTH WALL OF SECOND FLOOR LOBBY.
- B. MARBLE WINDOW SILL OR DOOR THRESHOLD TO REMAIN.
- C. MARBLE THRESHOLD TO BE REMOVED.
- D. PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED WHERE INDICATED ON PLANS. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (NOT ILLUSTRATED). CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES. SALVAGE WOOD BASEBOARD AT INTERIOR OFFICE WALLS IN DWELLING UNITS AND IN COMMON SPACES AT REMAINING LOCATIONS WHERE HISTORIC BASEBOARD IS MISSING OR THE SALVAGED WOOD BASEBOARD CANNOT BE REINSTALLED. NEW BASEBOARD ON INTERIOR WALLS WILL NOT MATCH HISTORIC PROFILE. PRIME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.
- D.1. PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED FOR REINSTALLATION IN SAME LOCATION WHERE STILL EXPOSED AFTER NEW FLOOR INFILL / NEW WALL CONSTRUCTION WITHIN FLOOR 11.5. MARBLE LIBRARY STORAGE ROOM. PRIME AND PAINT. COLOR TO BE SELECTED BY ARCHITECT.
- E. PAINTED WOOD PICTURE RAIL TO REMAIN. CONTRACTOR SHALL REPAIR HISTORIC PICTURE RAIL AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS. SALVAGE WOOD PICTURE RAIL AT INTERIOR OFFICE WALLS AND INSTALL IN MISSING PERIMETER WALL LOCATIONS. AT REMAINING MISSING LOCATIONS, CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD PICTURE RAIL TO MATCH HISTORIC PICTURE RAIL PROFILE AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS WHERE HISTORIC PICTURE RAIL IS PRESENT (TO COMPLETE THE EXTERIOR WALLS). DO NOT INSTALL NEW PICTURE RAIL INSIDE OF DWELLING UNITS WHERE NO HISTORIC PICTURE RAIL IS PRESENT.
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- H. PAINTED WOOD DOOR TRANSOM TO BE REMOVED.
- I. PAINTED WOOD DOOR CASING TO BE REMOVED.
- J. COVE CEILING REMNANT TO BE REMOVED.
- K. MALL CHUTE AND MARBLE TO REMAIN.
- L. EXISTING CLAY TILE SHAFT WALL, MARBLE WALL PANELS AND MARBLE SURROUND TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH CONFIGURATION.
- M. HISTORIC PLASTER CEILING ABOVE CONTEMPORARY SUSPENDED CEILING TO REMAIN INTACT WITH NO DAMAGE DURING CONSTRUCTION.
- N. HISTORIC METAL ELEVATOR DOORS, METAL PANEL ABOVE DOORS, AND METAL STOP INDICATOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CAVI ELEVATOR SHAFTS AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENING/HISTORIC MARBLE SURROUND.
- O. HISTORIC METAL ELEVATOR DOORS AND METAL PANEL ABOVE DOOR TO BE REMOVED. HISTORIC METAL STOP INDICATOR TO BE CAREFULLY REMOVED AND SALVAGED FOR REINSTALLATION IN NEW METAL PANEL.
- P. HISTORIC STEEL ELEVATOR DOOR AND FRAME TO BE REMOVED.
- Q. HISTORIC METAL ELEVATOR DOOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CAVI ELEVATOR SHAFT AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENING AND HISTORIC METAL FRAME.
- R. HISTORIC ELEVATOR DOOR TO BE REMOVED TO ACCOMMODATE NEW FIRE-RATED ELEVATOR DOOR. HISTORIC FRAME TO REMAIN.
- S. HISTORIC ACCESS DOOR TO REMAIN. DOOR TO BE FIXED SHUT IN THE CLOSED POSITION.
- T. HISTORIC DOOR TO REMAIN IN PLACE.
- U. HISTORIC WOOD FINISHED FLOORING IS TO BE REMOVED AND SALVAGED FOR REINSTALLATION AFTER NEW FLOOR STRUCTURE INFILL.

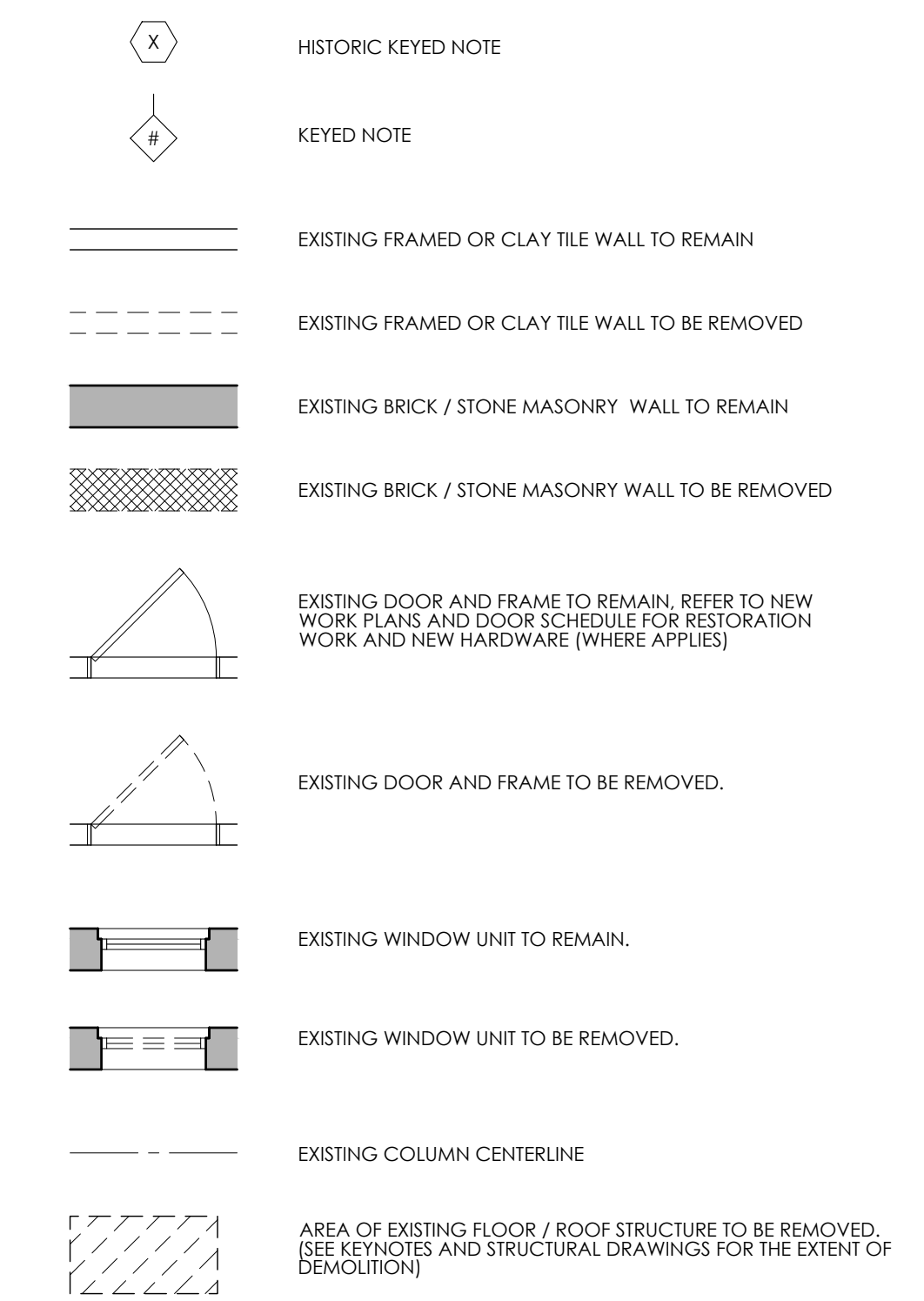
DEMOLITION PLAN GENERAL NOTES

- THE 11TH FLOOR LIBRARY AND ASSOCIATED 12TH FLOOR CONFERENCE ROOM WILL REMAIN IN OPERATION DURING RENOVATION WORK. MAINTAIN ALL EXISTING COMPONENTS INCLUDING EXIST. SIGNS, EXIT STAIR ENCLOSURES, LIGHTING, FIRE ALARMS, FIRE SUPPRESSION, ETC. CONTRACTOR TO COORDINATE WITH TENANT AND BUILDING INSPECTOR AS NECESSARY.
- ALL DASHED ELEMENTS TO BE REMOVED. U.N.O. CONSULT ARCHITECT IF NOT IS UNCLER.
- ALL LOAD BEARING STRUCTURAL ELEMENTS ARE TO REMAIN. U.N.O. WHERE EXISTING STRUCTURE IS NOTED TO BE REMOVED, OR MAJOR OPENINGS ARE CREATED OR MODIFIED, SHORE AND BRACE EXISTING BUILDING AS REQUIRED.
- REMOVE ALL EXISTING SUSPENDED CEILING.
- REMOVE ALL EXISTING CARPET, VINYL, FLOOR TILE AND VINYL WALL BASE. ARCHITECT TO REVIEW FLOORING AFTER CONTEMPORARY FINISHES ARE REMOVED.
- REMOVE EXISTING NON-FUNCTIONING MECHANICAL, ELECTRICAL, PLUMBING, INCLUDING DUCTWORK, RADIATORS, PIPING, CONDUIT, HANGERS, ETC. CAP/TERMINATE AS REQUIRED. ALL MATERIALS THAT PENETRATE WALL, CEILING, OR FLOORS TO BE CUT/FLEM AND GROUNDED SMOOTH. SURROUNDING FINISH MATERIALS TO NOT BE DAMAGED.
- REMOVE ALL EXISTING LIGHT FIXTURES AND ALL ASSOCIATED CONDUIT.
- REMOVE ALL NON-HISTORIC BELT RAS.
- EXISTING ELEVATOR HOSEWAYS, ELEVATORS, AND SHAFT WALLS TO REMAIN AT NORTH SIDE OF LOBBY.
- EXISTING PLASTER CEILING ABOVE DROP CEILING ARE TO REMAIN. TAKE CARE AND PROTECT THESE SURFACES DURING WORK.
- ALL EXISTING HISTORIC WOOD WINDOW TRIM (IF PRESENT) TO REMAIN AT FLOORS 2, 11, 11.5, U.N.O.
- ALL OTHER EXISTING TRIM SUCH AS CHAIR RAILS, PICTURE RAILS, AND BASEBOARD SHALL BE MAINTAINED OR REMOVED AS NOTED ON PLANS. ANY REMOVED TRIM SHALL BE SALVAGED FOR INFILL. ARCHITECT TO BE NOTIFIED OF ANY HISTORIC TRIM FOUND DURING DEMOLITION NOT SHOWN ON PLANS. CONTACT ARCHITECT FOR DIRECTION IF ANY ADDITIONAL HISTORIC ELEMENTS ARE DISCOVERED DURING DEMOLITION.

DEMOLITION PLAN KEYED NOTES

- EXISTING FURNING AND RADIATOR COVERS TO BE REMOVED. ALL WOOD BASEBOARD, WINDOW SILLS / APRONS / TRIM AT PERIMETER WALLS AND BEHIND FURNING TO REMAIN IN PLACE.
- EXISTING CLAY TILE AND PLASTER COLUMN ENCLOSURES AND STEEL COLUMNS TO REMAIN. FURNING AND DRYWALL AROUND COLUMNS TO BE REMOVED AS INDICATED ON DEMOLITION PLANS. CONTRACTOR TO ASSESS CONDITION OF PLASTER AND CLAY TILE ENCLOSURES IN ORDER TO DETERMINE NECESSARY UPGRADES.
- EXISTING NON-RATED ELEVATOR DOOR TO REMAIN.
- EXISTING ELEVATOR PLATFORM LIFT TO REMAIN.
- EXISTING EXPOSED STEEL COLUMN / BEAM TO REMAIN. U.N.O. PROVIDE 2 HR RATED INTUMESCENT COATING WITH THICKNESS AS REQUIRED FOR RATING - TYPICAL FOR ALL EXPOSED STEEL IN BUILDING. SEE NEW WORK PLANS AND DETAIL #A/4.3.
- REMOVE EXISTING ELEVATOR EQUIPMENT, CONCRETE SLAB, MASONRY WALLS, ETC. AS NECESSARY TO CONSTRUCT NEW ELEVATOR PIT / SHAFT AND NEW TRASH CHUTE / TRASH CHUTE DISCHARGE ROOM.
- STABILIZE EXISTING STAIR AS NECESSARY AS PART OF NEW ELEVATOR PIT / SHAFT WORK.
- REMOVE PLASTER WRAP AT COLUMN IN ORDER TO EXPOSE STEEL TO RECEIVE 2 HR RATED INTUMESCENT COATING AS REQUIRED. SEE NEW WORK PLANS AND DETAIL #A/4.3.
- EXISTING ELEVATORS TO BE REMOVED.
- EXISTING CONTEMPORARY SUSPENDED SLATED CEILING TO BE REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT CONSTRUCTION. REINSTALL CEILING.
- WIDEN EXISTING ELEVATOR DOOR OPENING IN CLAY TILE SHAFT WALL AS NECESSARY TO ACCOMMODATE NEW ELEVATOR DOOR IN NEW CMU SHAFT WALL. COORDINATE ROUGH OPENING DIMENSION WITH ELEVATOR MANUFACTURER. PREP FOR INFILL.
- PORTION OF EXISTING STEEL BEAM TO BE REMOVED FOR CONSTRUCTION OF NEW ELEVATOR SHAFT. REFER TO STRUCTURAL DRAWING. ANY REMAINING EXPOSED STEEL TO RECEIVE 2 HR RATED INTUMESCENT COATING WITH THICKNESS AS REQUIRED FOR RATING - TYPICAL FOR ALL EXPOSED STEEL IN BUILDING. SEE NEW WORK PLANS AND DETAIL #A/4.3.

DEMOLITION PLAN GRAPHIC LEGEND



**PRELIMINARY
NOT FOR CONSTRUCTION**

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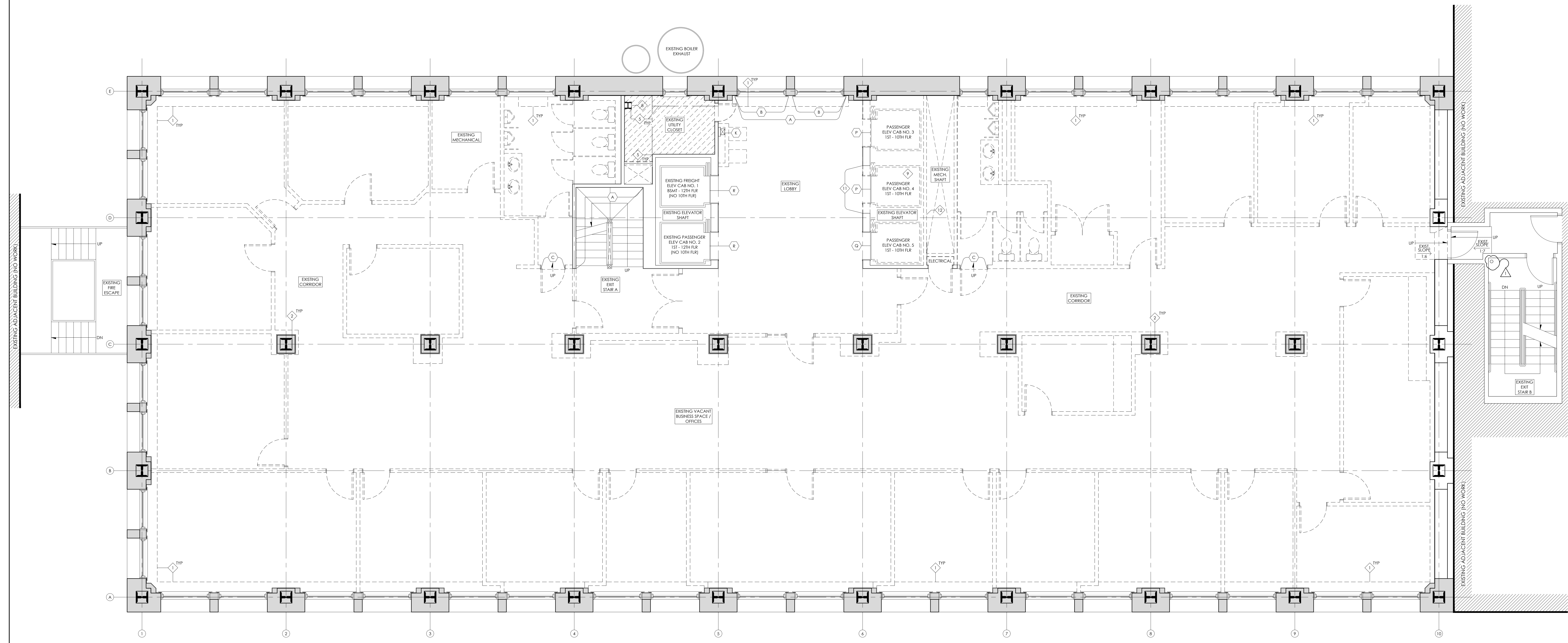
MERCANTILE LIBRARY BUILDING
414 WALNUT STREET
CINCINNATI, OH 45202

modelgroup
DEVELOPMENT-CONSTRUCTION-MANAGEMENT

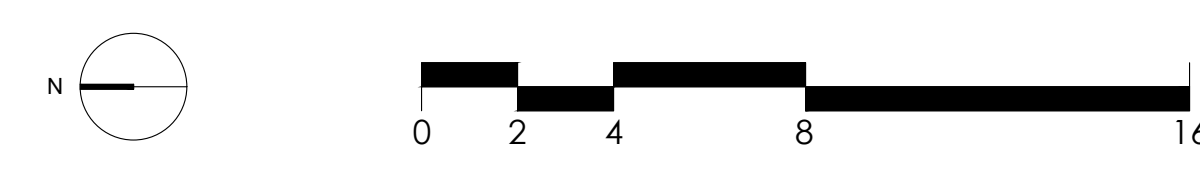
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08.17.2022
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10.27.2022
PERMIT REVISION 1

THIRD FLOOR
DEMOLITION PLAN

A2.03



1 THIRD FLOOR DEMOLITION PLAN
A2.03
1/4" = 1'-0"



HISTORIC GENERAL NOTES

- ALL TILE FLOORING, EXPOSED OR CURRENTLY COVERED BY CONTEMPORARY FLOOR FINISHES, IN ELEVATOR LOBBIES, CORRIDORS, AND WITHIN OFFICE AREAS TO REMAIN IN PLACE.
- NOTIFY ARCHITECT TO REVIEW FLOORING AFTER EXISTING CONTEMPORARY FLOORING IS REMOVED.
- PAINTED WOOD WINDOW CASING IS TYPICALLY PRESENT AT EXTERIOR OPENINGS (NOT ILLUSTRATED). WINDOW CASING IS TO REMAIN IN PLACE. REPAIR TO MATCH HISTORIC AS REQ'D. PRIME AND PAINT. CONTRACTOR SHALL REPAIR WINDOW CASING, SILLS, AND APRONS IN DWELLING UNITS AND COMMON SPACES TO MATCH HISTORIC CONDITION. CASING AND APRONS ARE TYPICALLY MISSING OR DAMAGED DUE TO PREVIOUS INSTALLATION OF RADIATOR COVERS. PROVIDE NEW WINDOW CASING, SILLS, AND APRONS TO CLOSELY MATCH HISTORIC PROFILES WHERE HISTORIC ELEMENTS ARE MISSING OR DAMAGED. PRIME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.
- PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED WHERE INDICATED ON PLANS. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (NOT ILLUSTRATED). CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS AND INSTALL IN MISSING PERIMETER EXTERIOR WALL LOCATIONS. CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD BASEBOARD TO MATCH HISTORIC BASEBOARD PROFILE AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES AT REMAINING LOCATIONS WHERE HISTORIC BASEBOARD IS MISSING OR THE SALVAGED WOOD BASEBOARD CANNOT BE REINSTALLED. NEW BASEBOARD ON INTERIOR WALLS WILL NOT MATCH HISTORIC PROFILE. PRIME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.

HISTORIC KEYED NOTES

- A. MARBLE WAINSCOT TO REMAIN.
- A.1. MARBLE WAINSCOT PANELS TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT / TRASH ROOM CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH EXISTING CONFIGURATION. EXCESS SALVAGED MARBLE TO BE APPLIED WHERE MISSING AT SOUTH WALL OF SECOND FLOOR LOBBY.
- B. MARBLE WINDOW SILL OR DOOR THRESHOLD TO REMAIN.
- C. MARBLE THRESHOLD TO BE REMOVED.
- D. PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED WHERE INDICATED ON PLANS. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (NOT ILLUSTRATED). CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS AND INSTALL IN MISSING PERIMETER EXTERIOR WALL LOCATIONS. CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD BASEBOARD TO MATCH HISTORIC BASEBOARD PROFILE AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES AT REMAINING LOCATIONS WHERE HISTORIC BASEBOARD IS MISSING OR THE SALVAGED WOOD BASEBOARD CANNOT BE REINSTALLED. NEW BASEBOARD ON INTERIOR WALLS WILL NOT MATCH HISTORIC PROFILE. PRIME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.
- D.1. PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED FOR REINSTALLATION IN SAME LOCATION WHERE STILL EXPOSED AFTER NEW FLOOR FINISH / NEW WALL CONSTRUCTION WITHIN FLOOR 11.2. MARBLE LIBRARY STORAGE ROOM. PRIME AND PAINT. COLOR TO BE SELECTED BY ARCHITECT.
- E. PAINTED WOOD PICTURE RAIL TO REMAIN. CONTRACTOR SHALL REPAIR HISTORIC PICTURE RAIL AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS. SALVAGE WOOD PICTURE RAIL AT INTERIOR OFFICE WALLS AND INSTALL IN MISSING PERIMETER WALL LOCATIONS, AT REMAINING MISSING LOCATIONS. CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD PICTURE RAIL TO MATCH HISTORIC PICTURE RAIL PROFILE AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS WHERE ANY HISTORIC PICTURE RAIL IS PRESENT (TO COMPLETE THE EXTERIOR WALLS). DO NOT INSTALL NEW PICTURE RAIL INSIDE OF DWELLING UNITS WHERE NO HISTORIC PICTURE RAIL IS PRESENT.
- E.1. PAINTED WOOD PICTURE RAIL TO REMAIN WHERE STILL EXPOSED AFTER NEW WALL CONSTRUCTION WITHIN FLOOR 11.3. MARBLE LIBRARY STORAGE ROOM. SALVAGE WOOD PICTURE RAIL AT WALL LOCATIONS NOW COVERED BY NEW SHAFT WALL CONSTRUCTION AND REINSTALL IF MISSING AT EXISTING EXPOSED WALLS WITHIN THE ROOM.
- F. PAINTED WOOD PICTURE RAIL TO BE REMOVED. SALVAGE. SEE HISTORIC KEYED NOTE.
- G. PAINTED WOOD CROWN MOULD TO BE REMOVED.
- H. PAINTED WOOD DOOR TRIMMING TO BE REMOVED.
- I. PAINTED WOOD DOOR CASING TO BE REMOVED.
- J. COVE CEILING REMNANT TO BE REMOVED.
- K. MALL CHUTE AND MARBLE TO REMAIN.
- L. EXISTING CLAY TILE SHAFT WALL, MARBLE WALL PANELS AND MARBLE SURROUND TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH CONFIGURATION.
- M. HISTORIC PLASTER CEILING ABOVE CONTEMPORARY SUSPENDED CEILING TO REMAIN INTACT WITH NO DAMAGE DURING CONSTRUCTION.
- N. HISTORIC METAL ELEVATOR DOORS, METAL PANEL ABOVE DOORS, AND METAL STOP INDICATOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW ELEVATOR SHAFTS AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENING/HISTORIC MARBLE SURROUND.
- O. HISTORIC METAL ELEVATOR DOORS AND METAL PANEL ABOVE DOOR TO BE REMOVED. HISTORIC METAL STOP INDICATOR TO BE CAREFULLY REMOVED AND SALVAGED FOR REINSTALLATION IN NEW METAL PANEL.
- P. HISTORIC STEEL ELEVATOR DOOR AND FRAME TO BE REMOVED.
- Q. HISTORIC METAL ELEVATOR DOOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CAB ELEVATOR SHAFT AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENING AND HISTORIC METAL FRAME.
- R. HISTORIC ELEVATOR DOOR TO BE REMOVED TO ACCOMMODATE NEW FIRE-RATED ELEVATOR DOOR. HISTORIC FRAME TO REMAIN.
- S. HISTORIC ACCESS DOOR TO REMAIN. DOOR TO BE FIXED SHUT IN THE CLOSED POSITION.
- T. HISTORIC DOOR TO REMAIN IN PLACE.
- U. HISTORIC WOOD FINISHED FLOORING IS TO BE REMOVED AND SALVAGED FOR REINSTALLATION AFTER NEW FLOOR STRUCTURE INFILL.

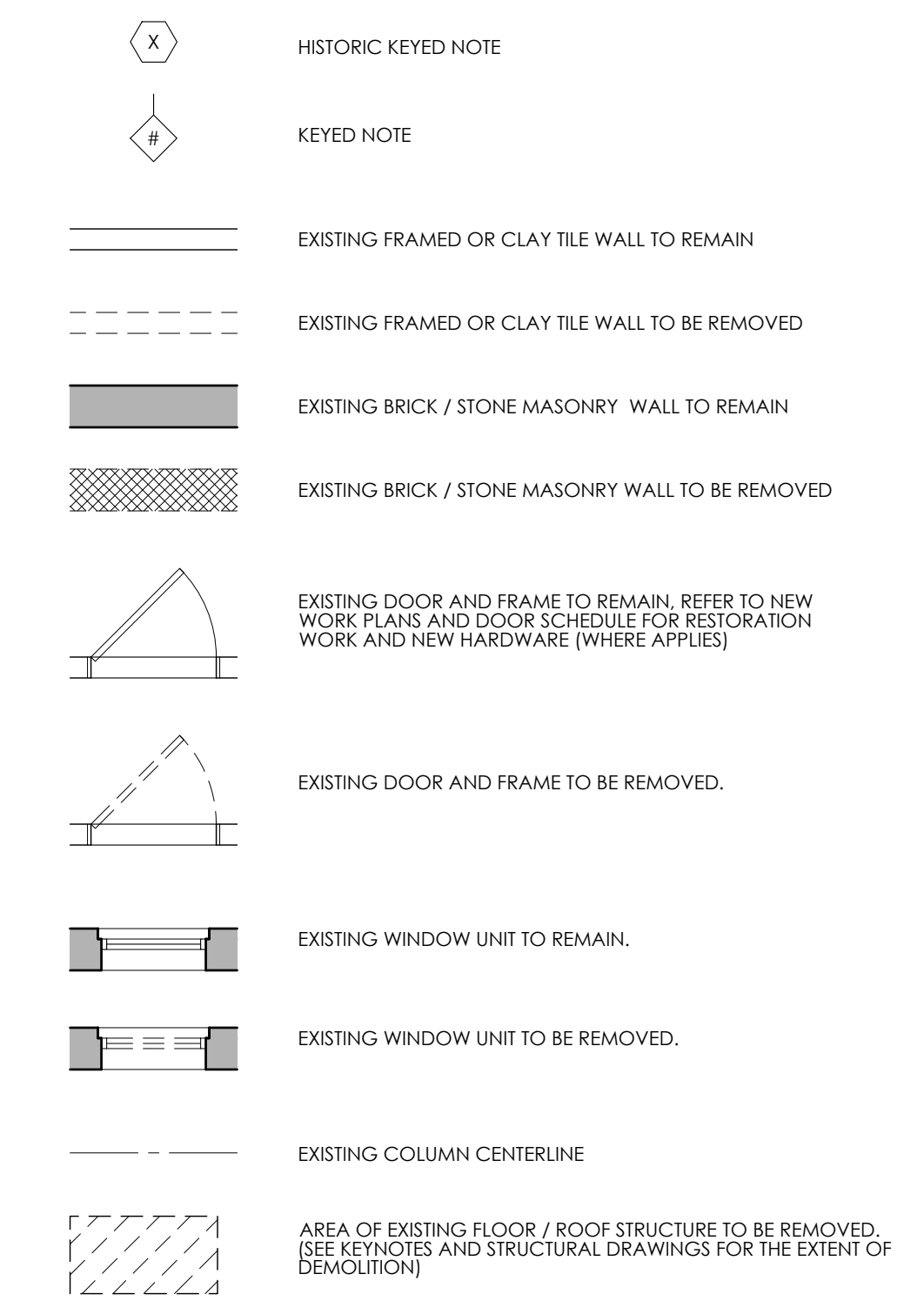
DEMOLITION PLAN GENERAL NOTES

- THE 11TH FLOOR LIBRARY AND ASSOCIATED 12TH FLOOR CONFERENCE ROOM WILL REMAIN IN OPERATION DURING RENOVATION WORK. MAINTAIN ALL EXIT COMPONENTS INCLUDING EXIT SIGNS, EXIT STAIR ENCLOSURES, LIGHTING, FIRE ALARMS, FIRE SUPPRESSION, ETC. CONTRACTOR TO COORDINATE WITH TENANT AND BUILDING INSPECTOR AS NECESSARY.
- ALL DASHED ELEMENTS TO BE REMOVED. U.N.O. CONSULT ARCHITECT IF FINISH IS UNCLEAR.
- ALL LOAD BEARING STRUCTURAL ELEMENTS ARE TO REMAIN. U.N.O. WHERE EXISTING STRUCTURE IS NOTED TO BE REMOVED, OR MAJOR OPENINGS ARE CREATED OR MOVED, SHORE AND BRACE EXISTING BUILDING AS REQUIRED.
- REMOVE ALL EXISTING SUSPENDED CEILING.
- REMOVE ALL EXISTING CARPET, VINYL, FLOOR TILE AND VINYL WALL BASE. ARCHITECT TO REVIEW FLOORING AFTER CONTEMPORARY FINISHES ARE REMOVED.
- REMOVE EXISTING NON-FUNCTIONING MECHANICAL/ELECTRICAL PLUMBING, INCLUDING DUCTWORK, RADIATORS, PIPING, CONDENS. HANGERS, ETC. CAP/TERMINATE AS REQUIRED. ALL MATERIALS THAT PENETRATE WALL, CEILING, OR FLOORS TO BE CUT/FINISH AND GROUNDED. SURROUNDING FINISH MATERIALS TO NOT BE DAMAGED.
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- REMOVE ALL NON-HISTORIC BELT RAS.
- EXISTING ELEVATOR HOISTWAYS, ELEVATORS, AND SHAFT WALLS TO REMAIN AT NORTH SIDE OF LOBBY.
- EXISTING PLASTER CEILING ABOVE DROP CEILING ARE TO REMAIN. TAKE CARE AND PROTECT THESE SURFACES DURING WORK.
- ALL EXISTING HISTORIC WOOD WINDOW TRIM (IF PRESENT) TO REMAIN AT FLOORS 2, 11, U.N.O.
- ALL OTHER EXISTING TRIM SUCH AS CHAIR RAILS, PICTURE RAILS, AND BASEBOARD SHALL BE MAINTAINED OR REMOVED AS NOTED ON PLANS. ANY REMOVED TRIM SHALL BE SALVAGED FOR REINSTALLATION. ARCHITECT TO BE NOTIFIED OF ANY HISTORIC TRIM FOUND DURING DEMOLITION NOT SHOWN ON PLANS. CONTACT ARCHITECT FOR DIRECTION IF ANY ADDITIONAL HISTORIC ELEMENTS ARE DISCOVERED DURING DEMOLITION.

DEMOLITION PLAN KEYED NOTES

- EXISTING FURNING AND RADIATOR COVERS TO BE REMOVED. ALL WOOD BASEBOARD, WINDOW SILLS / APRONS / TRIM AT PERIMETER WALLS AND BEHIND FURNING TO REMAIN IN PLACE.
- EXISTING CLAY TILE AND PLASTER COLUMN ENCLOSURES AND STEEL COLUMNS TO REMAIN. FURNING AND DRYWALL AROUND COLUMNS TO BE REMOVED AS INDICATED ON DEMOLITION PLANS. CONTRACTOR TO ASSESS CONDITION OF PLASTER AND CLAY TILE ENCLOSURES IN ORDER TO DETERMINE NECESSARY UPGRADES.
- EXISTING NON-RATED ELEVATOR DOOR TO REMAIN.
- EXISTING ELEVATOR PLATFORM LIFT TO REMAIN.
- EXISTING EXPOSED STEEL COLUMN / BEAM TO REMAIN. U.N.O. PROVIDE 2 HR RATED INTUMESCENT COATING WITH THICKNESS AS REQUIRED FOR RATING - TYPICAL FOR ALL EXPOSED STEEL IN BUILDING. SEE NEW WORK PLANS AND DETAIL #A/D.3.
- REMOVE EXISTING ELEVATOR EQUIPMENT, CONCRETE SLAB, MASONRY WALLS, ETC. AS NECESSARY TO CONSTRUCT NEW ELEVATOR PIT / SHAFT AND NEW TRASH CHUTE / TRASH CHUTE DISCHARGE ROOM.
- STABILIZE EXISTING STAIR AS NECESSARY AS PART OF NEW ELEVATOR PIT / SHAFT WORK.
- REMOVE PLASTER WRAP AT COLUMN IN ORDER TO EXPOSE STEEL TO RECEIVE 2 HR RATED INTUMESCENT COATING AS REQUIRED. SEE NEW WORK PLANS AND DETAIL #A/D.3.
- (B) EXISTING ELEVATORS TO BE REMOVED.
- EXISTING CONTEMPORARY SUSPENDED SLATED CEILING TO BE REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT CONSTRUCTION. REINSTALL CEILING.
- WIDEN EXISTING ELEVATOR DOOR OPENING IN CLAY TILE SHAFT WALL AS NECESSARY TO ACCOMMODATE NEW ELEVATOR DOOR IN NEW CMU SHAFT WALL. COORDINATE ROUGH OPENING DIMENSION WITH ELEVATOR MANUFACTURER. PREP FOR INFILL.
- PORTION OF EXISTING STEEL BEAM TO BE REMOVED FOR CONSTRUCTION OF NEW ELEVATOR SHAFT. REFER TO STRUCTURAL DRAWING. ANY REMAINING EXPOSED STEEL TO RECEIVE 2 HR FIRE-RATED INTUMESCENT COATING WITH THICKNESS AS REQUIRED FOR RATING - TYPICAL FOR ALL EXPOSED STEEL IN BUILDING. SEE NEW WORK PLANS AND DETAIL #A/D.3.

DEMOLITION PLAN GRAPHIC LEGEND



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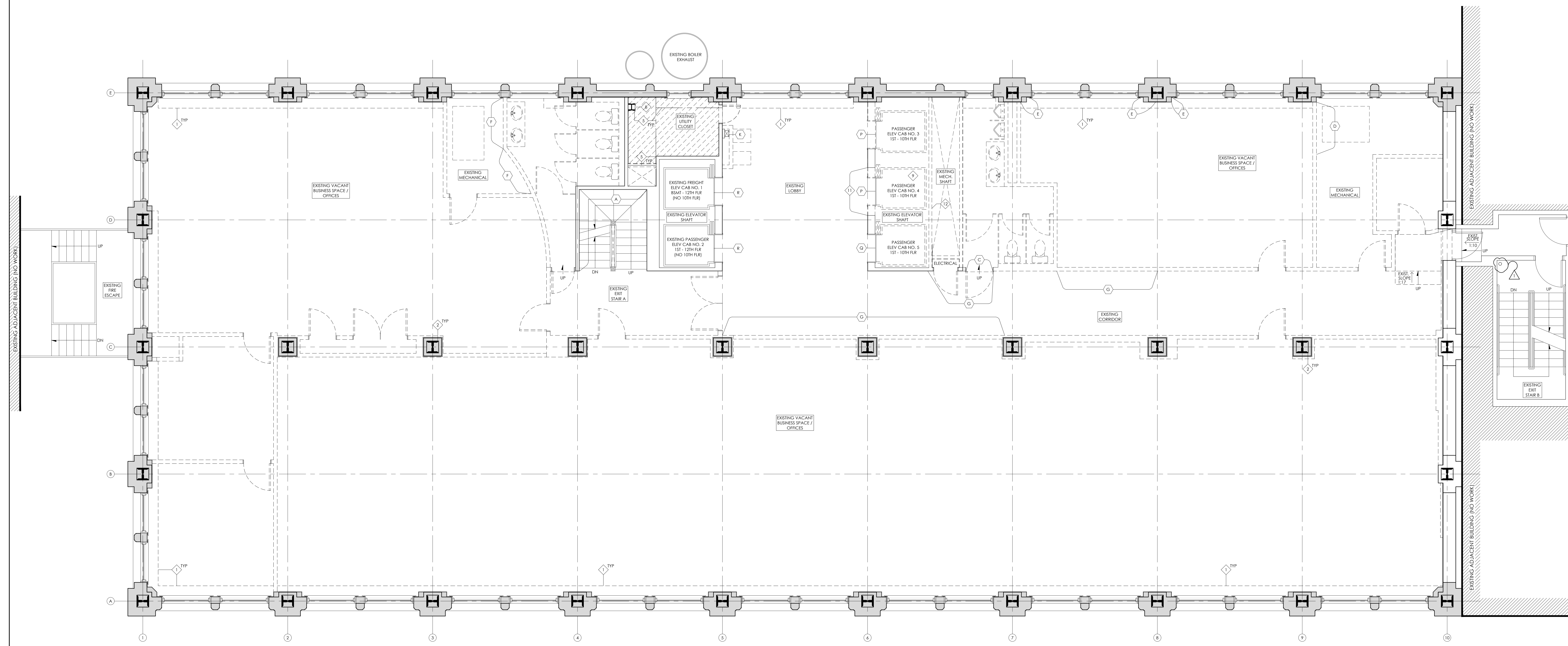
MERCANTILE LIBRARY BUILDING
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modelgroup
DEVELOPMENT-CONSTRUCTION-MANAGEMENT

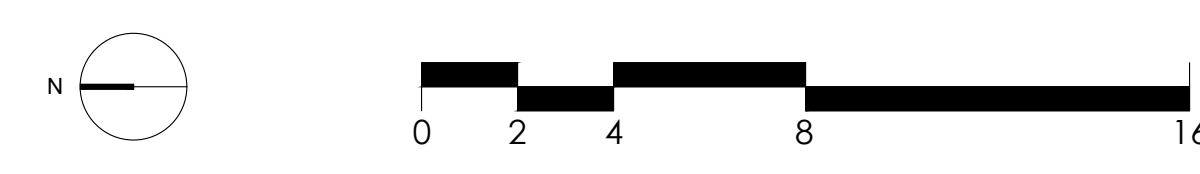
ISSUE LOG:
08.17.2022
ISSUE FOR PERMIT
10.27.2022
PERMIT REVISION 1

FOURTH FLOOR
DEMOLITION PLAN

A2.04



1 FOURTH FLOOR DEMOLITION PLAN
A2.04
1/4" = 1'-0"



HISTORIC GENERAL NOTES

- ALL TILE FLOORING, EXPOSED OR CURRENTLY COVERED BY CONTEMPORARY FLOOR FINISHES, IN ELEVATOR LOBBIES, CORRIDORS, AND WITHIN OFFICE AREAS TO REMAIN IN PLACE.
- NOTIFY ARCHITECT TO REVIEW FLOORING AFTER EXISTING CONTEMPORARY FLOORING IS REMOVED.
- PAINTED WOOD WINDOW CASING IS TYPICALLY PRESENT AT EXTERIOR OPENINGS (NOT ILLUSTRATED). WINDOW CASING IS TO REMAIN IN PLACE. REFER TO MATCH HISTORIC AS REQ'D. PRIME AND PAINT. CONTRACTOR SHALL REPAIR WINDOW CASING, SILLS, AND APRONS IN DWELLING UNITS AND COMMON SPACES TO MATCH HISTORIC CONDITION. CASING AND SILLS ARE TYPICALLY MISSING OR DAMAGED DUE TO PREVIOUS INSTALLATION OF RADIATOR COVERS. PROVIDE NEW WINDOW CASING, SILLS, AND APRONS TO CLOSELY MATCH HISTORIC PROFILES WHERE HISTORIC ELEMENTS ARE MISSING OR DAMAGED. PRIME AND PAINT WOOD TRIM, COLOR TO BE SELECTED BY ARCHITECT.
- PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED WHERE INDICATED ON PLANS. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (NOT ILLUSTRATED). CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND COMMON SPACES. SALVAGE WOOD BASEBOARD AT INTERIOR OFFICE WALLS AND INSTALL IN MISSING PERIMETER EXTERIOR WALL LOCATIONS. CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD BASEBOARD TO MATCH HISTORIC BASEBOARD PROFILE AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES AT REMAINING LOCATIONS WHERE HISTORIC BASEBOARD IS MISSING OR THE SALVAGED WOOD BASEBOARD CANNOT BE REINSTALLED. NEW BASEBOARD ON INTERIOR WALLS WILL NOT MATCH HISTORIC PROFILE. PRIME AND PAINT WOOD TRIM, COLOR TO BE SELECTED BY ARCHITECT.

HISTORIC KEYED NOTES

- A. MARBLE WAINSCOT TO REMAIN.
- A.1. MARBLE WAINSCOT PANELS TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT / TRASH ROOM CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH EXISTING CONFIGURATION EXCESS SALVAGED MARBLE TO BE APPLIED WHERE MISSING AT SOUTH WALL OF SECOND FLOOR LOBBY.
- B. MARBLE WINDOW SILL OR DOOR THRESHOLD TO REMAIN.
- C. MARBLE THRESHOLD TO BE REMOVED.
- D. PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED WHERE INDICATED ON PLANS. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (NOT ILLUSTRATED). CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES. SALVAGE WOOD BASEBOARD AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES AT REMAINING LOCATIONS WHERE HISTORIC BASEBOARD IS MISSING OR THE SALVAGED WOOD BASEBOARD CANNOT BE REINSTALLED. NEW BASEBOARD ON INTERIOR WALLS WILL NOT MATCH HISTORIC PROFILE. PRIME AND PAINT WOOD TRIM, COLOR TO BE SELECTED BY ARCHITECT.
- D.1. PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED FOR REINSTALLATION IN SAME LOCATION WHERE STILL EXPOSED AFTER NEW FLOOR INFILL / NEW WALL CONSTRUCTION WITHIN FLOOR 11.2 MERCANTILE LIBRARY STORAGE ROOM. PRIME AND PAINT, COLOR TO BE SELECTED BY ARCHITECT.
- E. PAINTED WOOD PICTURE RAIL TO REMAIN. CONTRACTOR SHALL REPAIR HISTORIC PICTURE RAIL AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS. SALVAGE WOOD PICTURE RAIL AT INTERIOR OFFICE WALLS AND INSTALL IN MISSING PERIMETER WALL LOCATIONS. AT REMAINING MISSING LOCATIONS, CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD PICTURE RAIL TO MATCH HISTORIC PICTURE RAIL PROFILE AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS WHERE ANY HISTORIC PICTURE RAIL IS PRESENT (TO COMPLETE THE EXTERIOR WALLS). DO NOT INSTALL NEW PICTURE RAIL INSIDE OF DWELLING UNITS WHERE NO HISTORIC PICTURE RAIL IS PRESENT.
- E.1. PAINTED WOOD PICTURE RAIL TO REMAIN WHERE STILL EXPOSED AFTER NEW WALL CONSTRUCTION WITHIN FLOOR 11.3 MERCANTILE LIBRARY STORAGE ROOM. SALVAGE WOOD PICTURE RAIL AT WALL LOCATIONS NOW COVERED BY NEW SHAFT WALL CONSTRUCTION AND REINSTALL IF MISSING AT EXISTING EXPOSED WALLS WITHIN THE ROOM.
- F. PAINTED WOOD PICTURE RAIL TO BE REMOVED. SALVAGE. SEE HISTORIC KEYED NOTE.
- G. PAINTED WOOD CROWN MOULD TO BE REMOVED.
- H. PAINTED WOOD DOOR TRANSOM TO BE REMOVED.
- I. PAINTED WOOD DOOR CASING TO BE REMOVED.
- J. COVE CEILING REMNANT TO BE REMOVED.
- K. MALL CHUTE AND MARBLE TO REMAIN.
- L. EXISTING CLAY TILE SHAFT WALL, MARBLE WALL PANELS AND MARBLE SURROUND TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH CONFIGURATION.
- M. HISTORIC PLASTER CEILING ABOVE CONTEMPORARY SUSPENDED CEILING TO REMAIN INTACT WITH NO DAMAGE DURING CONSTRUCTION.
- N. HISTORIC METAL ELEVATOR DOORS, METAL PANEL ABOVE DOORS, AND METAL STOP INDICATOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW ELEVATOR SHAFTS AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENING/HISTORIC MARBLE SURROUND.
- O. HISTORIC METAL ELEVATOR DOORS AND METAL PANEL ABOVE DOOR TO BE REMOVED. HISTORIC METAL STOP INDICATOR TO BE CAREFULLY REMOVED AND SALVAGED FOR REINSTALLATION IN NEW METAL PANEL.
- P. HISTORIC STEEL ELEVATOR DOOR AND FRAME TO BE REMOVED.
- Q. HISTORIC METAL ELEVATOR DOOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CAB/ELEVATOR SHAFT AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENING AND HISTORIC METAL FRAME.
- R. HISTORIC ELEVATOR DOOR TO BE REMOVED TO ACCOMMODATE NEW FIRE-RATED ELEVATOR DOOR. HISTORIC FRAME TO REMAIN.
- S. HISTORIC ACCESS DOOR TO REMAIN. DOOR TO BE FIXED SHUT IN THE CLOSED POSITION.
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- U. HISTORIC WOOD FINISHED FLOORING IS TO BE REMOVED AND SALVAGED FOR REINSTALLATION AFTER NEW FLOOR STRUCTURE INFILL.

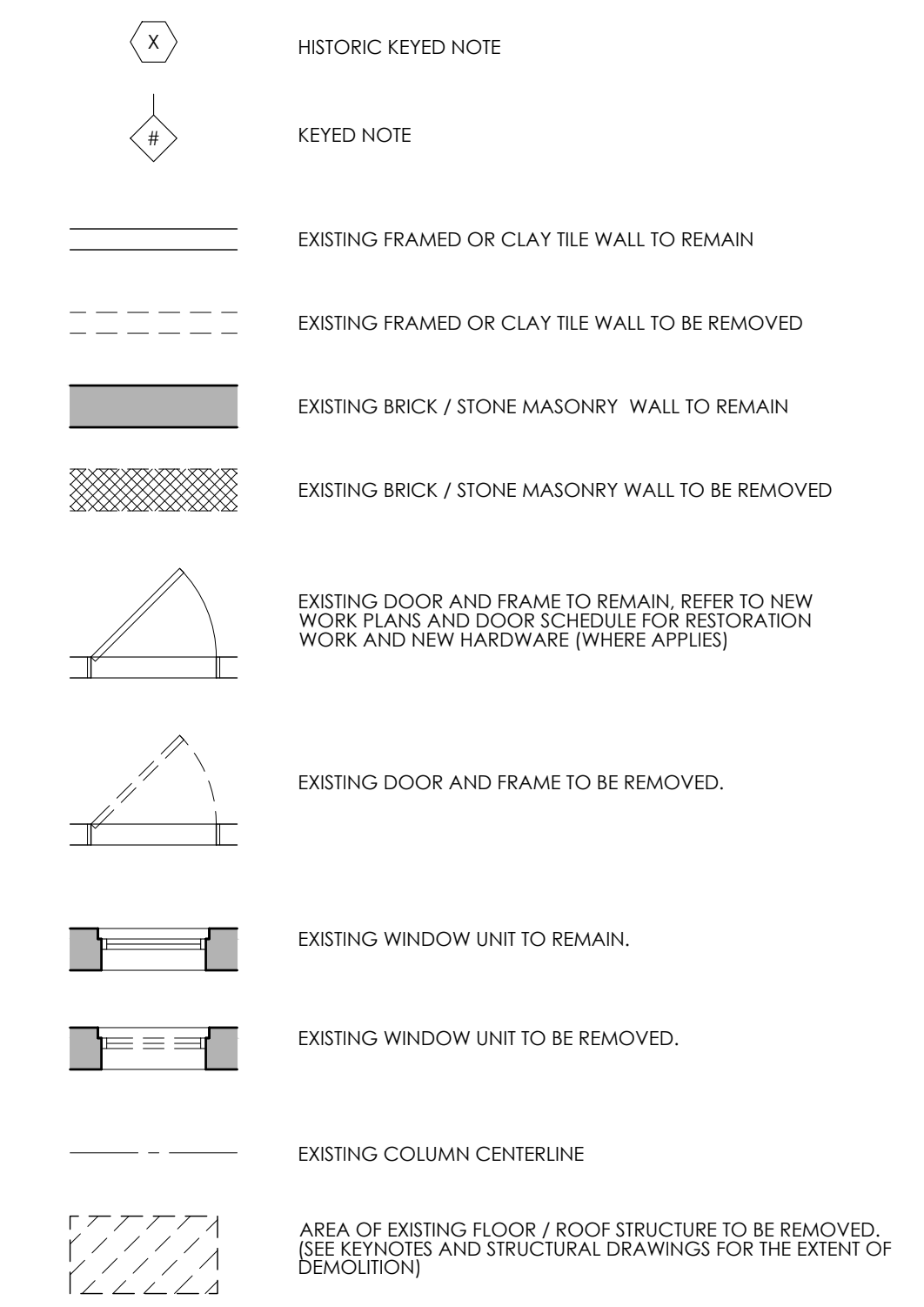
DEMOLITION PLAN GENERAL NOTES

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- REMOVE ALL EXISTING SUSPENDED CEILING.
- REMOVE ALL EXISTING CARPET, VINYL, FLOOR TILE AND VINYL WALL BASE. ARCHITECT TO REVIEW FLOORING AFTER CONTEMPORARY FINISHES ARE REMOVED.
- REMOVE EXISTING NON-FUNCTIONING MECHANICAL/ELECTRICAL PLUMBING, INCLUDING DUCTWORK, RADIATORS, PIPING, CONDUIT, HANGERS, ETC. CAP/TERMINATE AS REQUIRED. ALL MATERIALS THAT PENETRATE WALL, CEILING, OR FLOORS TO BE CUT FLUSH AND GROUNDED SMOOTH. SURROUNDING FINISH MATERIALS TO NOT BE DAMAGED.
- REMOVE ALL EXISTING LIGHT FIXTURES AND ALL ASSOCIATED CONDUIT.
- REMOVE ALL NON-HISTORIC BELT RAS.
- EXISTING ELEVATOR HOISTWAYS, ELEVATORS, AND SHAFT WALLS TO REMAIN AT NORTH SIDE OF LOBBY.
- EXISTING PLASTER CEILING ABOVE DROP CEILING ARE TO REMAIN. TAKE CARE AND PROTECT THESE SURFACES DURING WORK.
- ALL EXISTING HISTORIC WOOD WINDOW TRIM (IF PRESENT) TO REMAIN AT FLOORS 2,11,13, U.N.O.
- ALL OTHER EXISTING TRIM SUCH AS CHAIR RAILS, PICTURE RAILS, AND BASEBOARD SHALL BE MAINTAINED OR REMOVED AS NOTED ON PLANS. ANY REMOVED TRIM SHALL BE SALVAGED FOR INFILL. ARCHITECT TO BE NOTIFIED OF ANY HISTORIC TRIM FOUND DURING DEMOLITION NOT SHOWN ON PLANS. CONTACT ARCHITECT FOR DIRECTION IF ANY ADDITIONAL HISTORIC ELEMENTS ARE DISCOVERED DURING DEMOLITION.

DEMOLITION PLAN KEYED NOTES

1. EXISTING FURNING AND RADIATOR COVERS TO BE REMOVED. ALL WOOD BASEBOARD, WINDOW SILLS / APRONS / TRIM AT PERIMETER WALLS AND BEHIND FURNING TO REMAIN IN PLACE.
2. EXISTING CLAY TILE AND PLASTER COLUMN ENCLOSURES AND STEEL COLUMNS TO REMAIN. FURNING AND DRYWALL AROUND COLUMNS TO BE REMOVED AS INDICATED ON DEMOLITION PLANS. CONTRACTOR TO ASSESS CONDITION OF PLASTER AND CLAY TILE ENCLOSURES IN ORDER TO DETERMINE NECESSARY UPGRADES.
3. EXISTING NON-RATED ELEVATOR DOOR TO REMAIN.
4. EXISTING ELEVATOR PLATFORM LIFT TO REMAIN.
5. EXISTING EXPOSED STEEL COLUMN / BEAM TO REMAIN. U.N.O. PROVIDE 2 HR RATED INTUMESCENT COATING WITH THICKNESS AS REQUIRED FOR RATING - TYPICAL FOR ALL EXPOSED STEEL IN BUILDING. SEE NEW WORK PLANS AND DETAIL #A/D.3.
6. REMOVE EXISTING ELEVATOR EQUIPMENT, CONCRETE SLAB, MASONRY WALLS, ETC. AS NECESSARY TO CONSTRUCT NEW ELEVATOR PIT / SHAFT AND NEW TRASH CHUTE / TRASH CHUTE DISCHARGE ROOM.
7. STABILIZE EXISTING STAIR AS NECESSARY AS PART OF NEW ELEVATOR PIT / SHAFT WORK.
8. REMOVE PLASTER WRAP AT COLUMN IN ORDER TO EXPOSE STEEL TO RECEIVE 2 HR RATED INTUMESCENT COATING AS REQUIRED. SEE NEW WORK PLANS AND DETAIL #A/D.3.
9. (B) EXISTING ELEVATORS TO BE REMOVED.
10. EXISTING CONTEMPORARY SUSPENDED SLATED CEILING TO BE REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT CONSTRUCTION. REINSTALL CEILING.
11. WIDEN EXISTING ELEVATOR DOOR OPENING IN CLAY TILE SHAFT WALL AS NECESSARY TO ACCOMMODATE NEW ELEVATOR DOOR IN NEW CMU SHAFT WALL. COORDINATE ROUGH OPENING DIMENSION WITH ELEVATOR MANUFACTURER. PREP FOR INFILL.
12. PORTION OF EXISTING STEEL BEAM TO BE REMOVED FOR CONSTRUCTION OF NEW ELEVATOR SHAFT. REFER TO STRUCTURAL DRAWING. ANY REMAINING EXPOSED STEEL TO RECEIVE 2 HR FIRE-RATED INTUMESCENT COATING WITH THICKNESS AS REQUIRED FOR RATING - TYPICAL FOR ALL EXPOSED STEEL IN BUILDING. SEE NEW WORK PLANS AND DETAIL #A/D.3.

DEMOLITION PLAN GRAPHIC LEGEND



**PRELIMINARY
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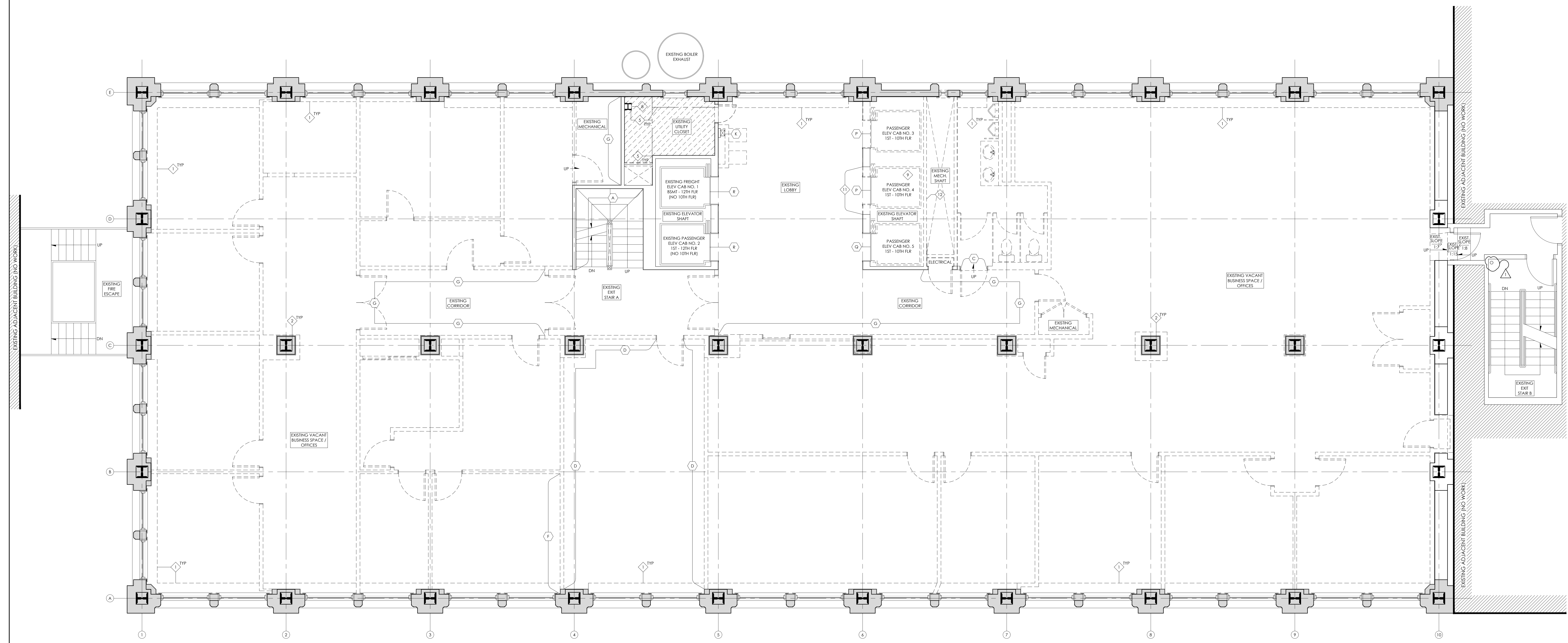
MERCANTILE LIBRARY BUILDING
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ISSUE LOG:
08.17.2022
ISSUE FOR PERMIT
10.27.2022
PERMIT REVISION 1

FIFTH FLOOR
DEMOLITION PLAN

A2.05



FIFTH FLOOR DEMOLITION PLAN
A2.05
1/4" = 1'-0"



HISTORIC GENERAL NOTES

- ALL TILE FLOORING, EXPOSED OR CURRENTLY COVERED BY CONTEMPORARY FLOOR FINISHES, IN ELEVATOR LOBBIES, CORRIDORS, AND WITHIN OFFICE AREAS TO REMAIN IN PLACE.
- NOTIFY ARCHITECT TO REVIEW FLOORING AFTER EXISTING CONTEMPORARY FLOORING IS REMOVED.
- PAINTED WOOD WINDOW CASING IS TYPICALLY PRESENT AT EXTERIOR OPENINGS (NOT ILLUSTRATED). WINDOW CASING IS TO REMAIN IN PLACE. REPAIR TO MATCH HISTORIC AS REQ'D. PRIME AND PAINT. CONTRACTOR SHALL REPAIR WINDOW CASING, SILLS, AND APRONS IN DWELLING UNITS AND COMMON SPACES TO MATCH HISTORIC CONDITION. CASING AND SILLS ARE TYPICALLY PRESENT. APRONS ARE TYPICALLY MISSING OR DAMAGED DUE TO PREVIOUS INSTALLATION OF RADIACTOR COVERS. PROVIDE NEW WINDOW CASING, SILLS, AND APRONS TO CLOSELY MATCH HISTORIC PROFILES WHERE HISTORIC ELEMENTS ARE MISSING OR DAMAGED. PRIME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.
- PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED WHERE INDICATED ON PLANS. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (NOT ILLUSTRATED). CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS AND INSTALL IN MISSING PERIMETER EXTERIOR WALL LOCATIONS. CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD BASEBOARD TO MATCH HISTORIC BASEBOARD PROFILE AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES AT REMAINING LOCATIONS WHERE HISTORIC BASEBOARD IS MISSING OR THE SALVAGED WOOD BASEBOARD CAN NOT BE REINSTALLED. NEW BASEBOARD ON INTERIOR WALLS WILL NOT MATCH HISTORIC PROFILE. PRIME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.

HISTORIC KEYED NOTES

- A. MARBLE WAINSCOT TO REMAIN.
- A.1. MARBLE WAINSCOT PANELS TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT / TRASH ROOM CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH EXISTING CONFIGURATION EXCESS SALVAGED MARBLE TO BE APPLIED WHERE MISSING AT SOUTH WALL OF SECOND FLOOR LOBBY.
- B. MARBLE WINDOW SILL OR DOOR THRESHOLD TO REMAIN.
- C. MARBLE THRESHOLD TO BE REMOVED.
- D. PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED WHERE INDICATED ON PLANS. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (NOT ILLUSTRATED). CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS AND INSTALL IN MISSING PERIMETER EXTERIOR WALL LOCATIONS. CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD BASEBOARD TO MATCH HISTORIC BASEBOARD PROFILE AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES AT REMAINING LOCATIONS WHERE HISTORIC BASEBOARD IS MISSING OR THE SALVAGED WOOD BASEBOARD CAN NOT BE REINSTALLED. NEW BASEBOARD ON INTERIOR WALLS WILL NOT MATCH HISTORIC PROFILE. PRIME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.
- D.1. PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED FOR REINSTALLATION IN SAME LOCATION WHERE STILL EXPOSED AFTER NEW FLOOR FINISH / NEW WALL CONSTRUCTION WITHIN FLOOR 11.5. MERCANTILE LIBRARY STORAGE ROOM. PRIME AND PAINT. COLOR TO BE SELECTED BY ARCHITECT.
- E. PAINTED WOOD PICTURE RAIL TO REMAIN. CONTRACTOR SHALL REPAIR HISTORIC PICTURE RAIL AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS. SALVAGE WOOD PICTURE RAIL AT INTERIOR OFFICE WALLS AND INSTALL IN MISSING PERIMETER WALL LOCATIONS. AT REMAINING MISSING LOCATIONS, CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD PICTURE RAIL TO MATCH HISTORIC PICTURE RAIL PROFILE AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS WHERE ANY HISTORIC PICTURE RAIL IS PRESENT (TO COMPLETE THE EXTERIOR WALLS). DO NOT INSTALL NEW PICTURE RAIL INSIDE OF DWELLING UNITS WHERE NO HISTORIC PICTURE RAIL IS PRESENT.
- E.1. PAINTED WOOD PICTURE RAIL TO REMAIN WHERE STILL EXPOSED AFTER NEW WALL CONSTRUCTION WITHIN FLOOR 11.5. MERCANTILE LIBRARY STORAGE ROOM. SALVAGE WOOD PICTURE RAIL AT WALL LOCATIONS NOW COVERED BY NEW SHAFT WALL CONSTRUCTION AND RENSTALL IF MISSING AT EXISTING EXPOSED WALLS WITHIN THE ROOM.
- F. PAINTED WOOD PICTURE RAIL TO BE REMOVED. SALVAGE. SEE HISTORIC KEYED NOTE.
- G. PAINTED WOOD CROWN MOULD TO BE REMOVED.
- H. PAINTED WOOD DOOR TRANSOM TO BE REMOVED.
- I. PAINTED WOOD DOOR CASING TO BE REMOVED.
- J. COVE CEILING REMNANT TO BE REMOVED.
- K. MAIL CHUTE AND MARBLE TO REMAIN.
- L. EXISTING CLAY TILE SHAFT WALL, MARBLE WALL PANELS AND MARBLE SURROUND TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH CONFIGURATION.
- M. HISTORIC PLASTER CEILING ABOVE CONTEMPORARY SUSPENDED CEILING TO REMAIN INTACT WITH NO DAMAGE DURING CONSTRUCTION.
- N. HISTORIC METAL ELEVATOR DOORS, METAL PANEL ABOVE DOORS, AND METAL STOP INDICATOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW ELEVATOR SHAFTS AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENING/HISTORIC MARBLE SURROUND.
- O. HISTORIC METAL ELEVATOR DOORS AND METAL PANEL ABOVE DOOR TO BE REMOVED. HISTORIC METAL STOP INDICATOR TO BE CAREFULLY REMOVED AND SALVAGED FOR REINSTALLATION IN NEW METAL PANEL.
- P. HISTORIC STEEL ELEVATOR DOOR AND FRAME TO BE REMOVED.
- Q. HISTORIC METAL ELEVATOR DOOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CAB ELEVATOR SHAFT AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENING AND HISTORIC METAL FRAME.
- R. HISTORIC ELEVATOR DOOR TO BE REMOVED TO ACCOMMODATE NEW FIRE-RATED ELEVATOR DOOR. HISTORIC FRAME TO REMAIN.
- S. HISTORIC ACCESS DOOR TO REMAIN. DOOR TO BE FIXED SHUT IN THE CLOSED POSITION.
- T. HISTORIC DOOR TO REMAIN IN PLACE.
- U. HISTORIC WOOD FINISHED FLOORING IS TO BE REMOVED AND SALVAGED FOR REINSTALLATION AFTER NEW FLOOR STRUCTURE INFILL.

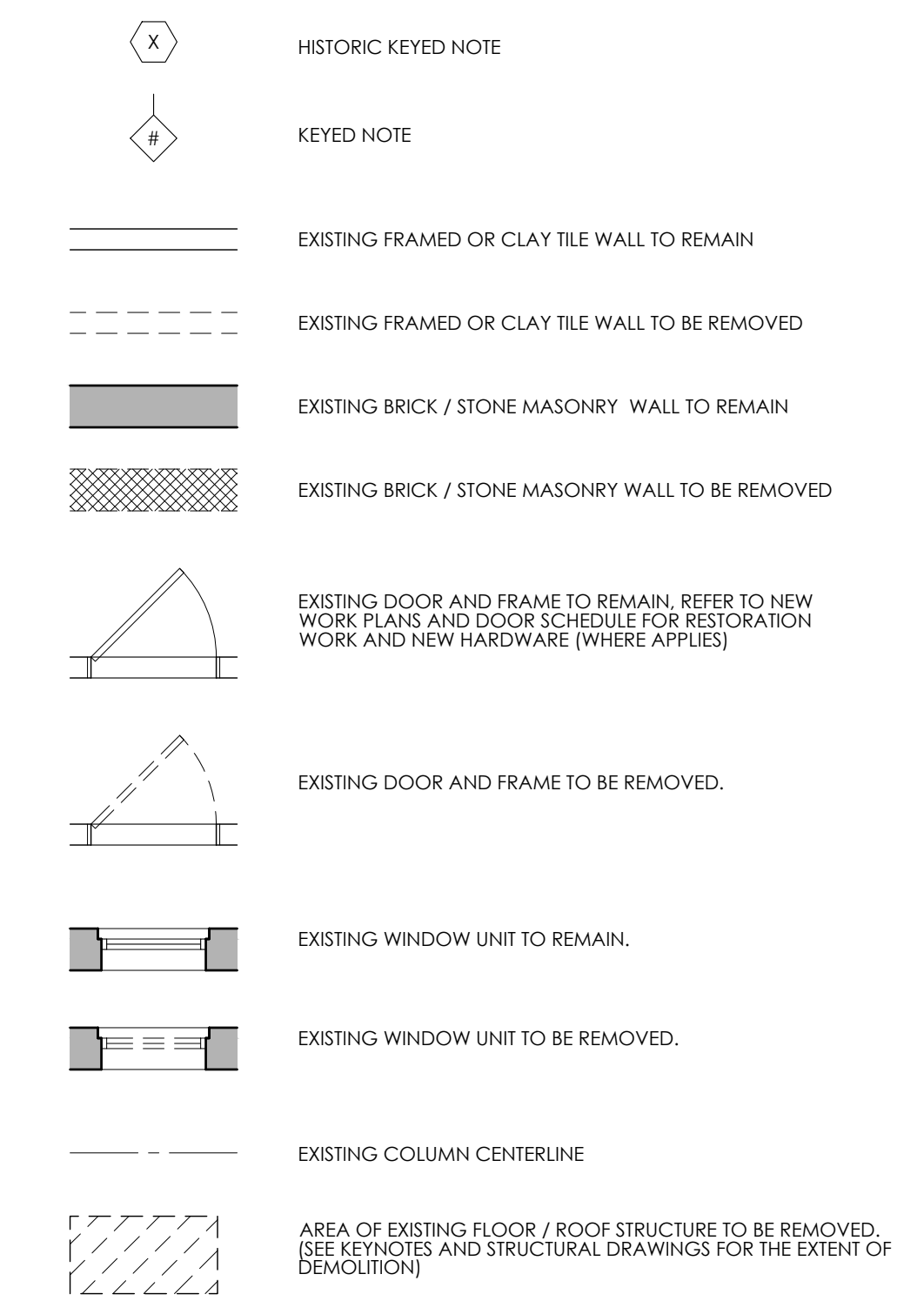
DEMOLITION PLAN GENERAL NOTES

- THE 11TH FLOOR LIBRARY AND ASSOCIATED 12TH FLOOR CONFERENCE ROOM WILL REMAIN IN OPERATION DURING RENOVATION WORK. MAINTAIN ALL EXIT COMPONENTS INCLUDING EXIT SIGNS, EXIT STAIR ENCLOSURES, LIGHTING, FIRE ALARMS, FIRE SUPPRESSION, ETC. CONTRACTOR TO COORDINATE WITH TENANT AND BUILDING INSPECTOR AS NECESSARY.
- ALL DASHED ELEMENTS TO BE REMOVED. U.N.O. CONSULT ARCHITECT IF NOT IS UNCLEAR.
- ALL LOAD BEARING STRUCTURAL ELEMENTS ARE TO REMAIN. U.N.O. WHERE EXISTING STRUCTURE IS NOTED TO BE REMOVED, OR MASONRY OPENINGS ARE CREATED OR MOVED, SHORE AND BRACE EXISTING BUILDING AS REQUIRED.
- REMOVE ALL EXISTING SUSPENDED CEILING.
- REMOVE ALL EXISTING CARPET, VINYL, FLOOR TILE AND VINYL WALL BASE. ARCHITECT TO REVIEW FLOORING AFTER CONTEMPORARY FINISHES ARE REMOVED.
- REMOVE EXISTING NON-FUNCTIONING MECHANICAL, ELECTRICAL, PLUMBING, INCLUDING DUCTWORK, RADIACTORS, PIPING, CONDUIT, HANGERS, ETC. CAP/TERMINATE AS REQUIRED. ALL MATERIALS THAT PENETRATE WALL, CEILING, OR FLOORS TO BE CUT/FIELD AND GROUNDED SMOOTH. SURROUNDING FINISH MATERIALS TO NOT BE DAMAGED.
- REMOVE ALL EXISTING LIGHT FIXTURES AND ALL ASSOCIATED CONDUIT.
- REMOVE ALL NON-HISTORIC BELT RAS.
- EXISTING ELEVATOR HOISTWAYS, ELEVATORS, AND SHAFT WALLS TO REMAIN AT NORTH SIDE OF LOBBY.
- EXISTING PLASTER CEILING ABOVE DROP CEILING ARE TO REMAIN. TAKE CARE AND PROTECT THESE SURFACES DURING WORK.
- ALL EXISTING HISTORIC WOOD WINDOW TRIM (IF PRESENT) TO REMAIN AT FLOORS 2-13. U.N.O.
- ALL OTHER EXISTING TRIM SUCH AS CHAIR RAILS, PICTURE RAILS, AND BASEBOARD SHALL BE MAINTAINED OR REMOVED AS NOTED ON PLANS. ANY REMOVED TRIM SHALL BE SALVAGED FOR INRLL. ARCHITECT TO BE NOTIFIED OF ANY HISTORIC TRIM FOUND DURING DEMOLITION NOT SHOWN ON PLANS. CONTACT ARCHITECT FOR DIRECTION IF ANY ADDITIONAL HISTORIC ELEMENTS ARE DISCOVERED DURING DEMOLITION.

DEMOLITION PLAN KEYED NOTES

- EXISTING FURNING AND RADIACTOR COVERS TO BE REMOVED. ALL WOOD BASEBOARD, WINDOW SILLS / APRONS / TRIM AT PERIMETER WALLS AND BEHIND FURNING TO REMAIN IN PLACE.
- EXISTING CLAY TILE AND PLASTER COLUMN ENCLOSURES AND STEEL COLUMNS TO REMAIN. FURNING AND DRYWALL AROUND COLUMNS TO BE REMOVED AS INDICATED ON DEMOLITION PLANS. CONTRACTOR TO ASSESS CONDITION OF PLASTER AND CLAY TILE ENCLOSURES IN ORDER TO DETERMINE NECESSARY UPGRADES.
- EXISTING NON-RATED ELEVATOR DOOR TO REMAIN.
- EXISTING ELEVATOR PLATFORM LIFT TO REMAIN.
- EXISTING EXPOSED STEEL COLUMN / BEAM TO REMAIN. U.N.O. PROVIDE 2 HR RATED INTUMESCENT COATING WITH THICKNESS AS REQUIRED FOR RATING - TYPICAL FOR ALL EXPOSED STEEL IN BUILDING. SEE NEW WORK PLANS AND DETAIL 6/A/D.3.
- REMOVE EXISTING ELEVATOR EQUIPMENT, CONCRETE SLAB, MASONRY WALLS, ETC. AS NECESSARY TO CONSTRUCT NEW ELEVATOR PIT / SHAFT AND NEW TRASH CHUTE / TRASH CHUTE DISCHARGE ROOM.
- STABILIZE EXISTING STAIR AS NECESSARY AS PART OF NEW ELEVATOR PIT / SHAFT WORK.
- REMOVE PLASTER WRAP AT COLUMN IN ORDER TO EXPOSE STEEL TO RECEIVE 2 HR RATED INTUMESCENT COATING AS REQUIRED. SEE NEW WORK PLANS AND DETAIL 6/A/D.3.
- (B) EXISTING ELEVATORS TO BE REMOVED.
- EXISTING CONTEMPORARY SUSPENDED SLATED CEILING TO BE REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT CONSTRUCTION. REINSTALL CEILING.
- WIDEN EXISTING ELEVATOR DOOR OPENING IN CLAY TILE SHAFT WALL AS NECESSARY TO ACCOMMODATE NEW ELEVATOR DOOR IN NEW CMU SHAFT WALL. COORDINATE ROUGH OPENING DIMENSION WITH ELEVATOR MANUFACTURER. PREP FOR INRLL.
- PORTION OF EXISTING STEEL BEAM TO BE REMOVED FOR CONSTRUCTION OF NEW ELEVATOR SHAFT. REFER TO STRUCTURAL DRAWING. ANY REMAINING EXPOSED STEEL TO RECEIVE 2 HR FIRE-RATED INTUMESCENT COATING WITH THICKNESS AS REQUIRED FOR RATING - TYPICAL FOR ALL EXPOSED STEEL IN BUILDING. SEE NEW WORK PLANS AND DETAIL 6/A/D.3.

DEMOLITION PLAN GRAPHIC LEGEND



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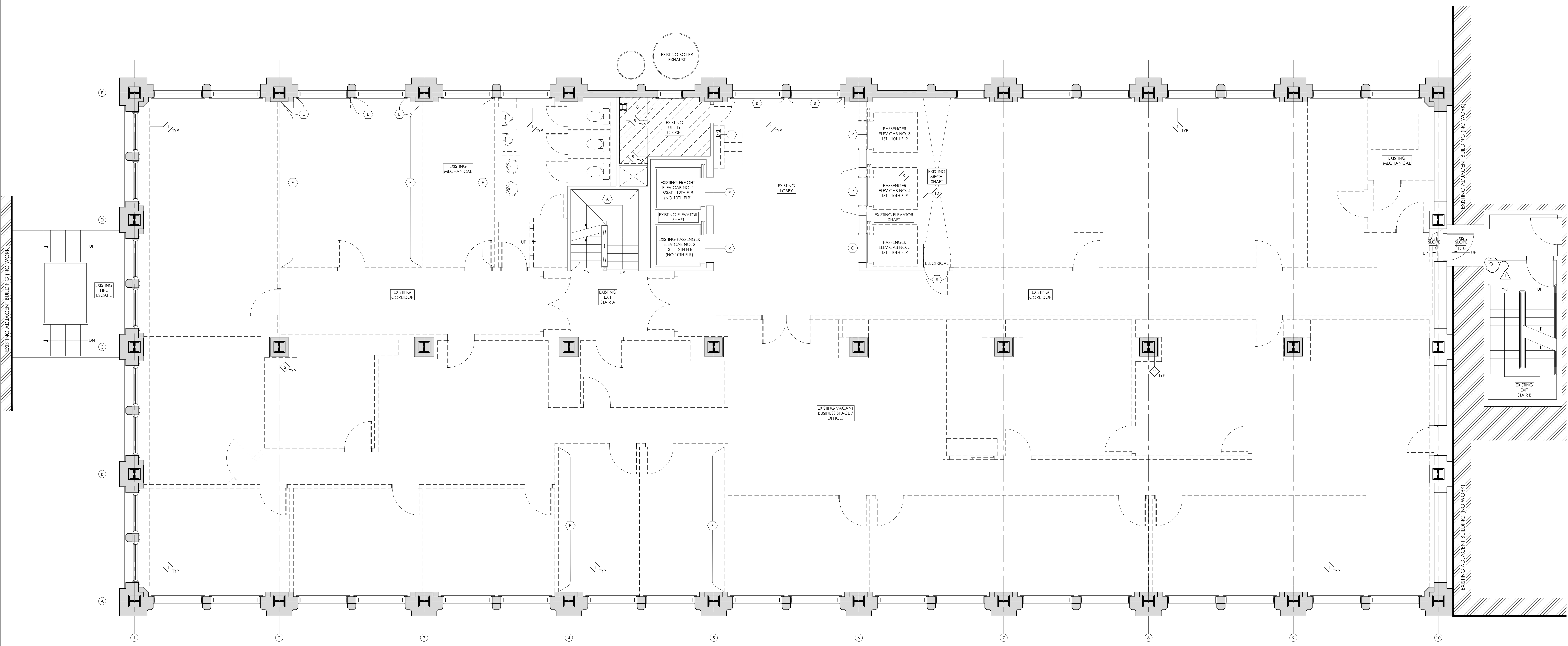
MERCANTILE LIBRARY BUILDING
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ISSUE LOG:
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ISSUE FOR PERMIT
10.27.2022
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SIXTH FLOOR
DEMOLITION PLAN

A2.06



SIXTH FLOOR DEMOLITION PLAN
A2.06
1/4" = 1'-0"

HISTORIC GENERAL NOTES

- ALL TILE FLOORING, EXPOSED OR CURRENTLY COVERED BY CONTEMPORARY FLOOR FINISHES, IN ELEVATOR LOBBIES, CORRIDORS, AND WITHIN OFFICE AREAS TO REMAIN IN PLACE.
- NOTIFY ARCHITECT TO REVIEW FLOORING AFTER EXISTING CONTEMPORARY FLOORING IS REMOVED.
- PAINTED WOOD WINDOW CASING IS TYPICALLY PRESENT AT EXTERIOR OPENINGS (NOT ILLUSTRATED). WINDOW CASING IS TO REMAIN IN PLACE. REPAIR TO MATCH HISTORIC AS REQ'D. PRIME AND PAINT. CONTRACTOR SHALL REPAIR WINDOW CASING, SILLS, AND APRONS IN DWELLING UNITS AND COMMON SPACES TO MATCH HISTORIC CONDITION. CASING AND APRONS ARE TYPICALLY MISSING OR DAMAGED DUE TO PREVIOUS INSTALLATION OF RADIACTOR COVERS. PROVIDE NEW WINDOW CASING, SILLS, AND APRONS TO CLOSELY MATCH HISTORIC PROFILES WHERE HISTORIC ELEMENTS ARE MISSING OR DAMAGED. PRIME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.
- PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED WHERE INDICATED ON PLANS. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (NOT ILLUSTRATED). CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND COMMON SPACES. SALVAGE WOOD BASEBOARD AT INTERIOR OFFICE WALLS AND INSTALL IN MISSING PERIMETER EXTERIOR WALL LOCATIONS. CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD BASEBOARD TO MATCH HISTORIC BASEBOARD PROFILE AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES AT REMAINING LOCATIONS WHERE HISTORIC BASEBOARD IS MISSING OR THE SALVAGED WOOD BASEBOARD CAN NOT BE REINSTALLED. NEW BASEBOARD ON INTERIOR WALLS WILL NOT MATCH HISTORIC PROFILE. PRIME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.

HISTORIC KEYED NOTES

- A. MARBLE WAINSCOT TO REMAIN.
- A.1. MARBLE WAINSCOT PANELS TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT / TRASH ROOM CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH EXISTING CONFIGURATION. EXCESS SALVAGED MARBLE TO BE APPLIED WHERE MISSING AT SOUTH WALL OF SECOND FLOOR LOBBY.
- B. MARBLE WINDOW SILL OR DOOR THRESHOLD TO REMAIN.
- C. MARBLE THRESHOLD TO BE REMOVED.
- D. PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED WHERE INDICATED ON PLANS. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (NOT ILLUSTRATED). CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES. SALVAGE WOOD BASEBOARD AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES AT REMAINING LOCATIONS WHERE HISTORIC BASEBOARD IS MISSING OR THE SALVAGED WOOD BASEBOARD CAN NOT BE REINSTALLED. NEW BASEBOARD ON INTERIOR WALLS WILL NOT MATCH HISTORIC PROFILE. PRIME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.
- D.1. PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED FOR REINSTALLATION IN SAME LOCATION WHERE STILL EXPOSED AFTER NEW FLOOR FINISH / NEW WALL CONSTRUCTION WITHIN FLOOR 11.2. MERCANTILE LIBRARY STORAGE ROOM. PRIME AND PAINT. COLOR TO BE SELECTED BY ARCHITECT.
- E. PAINTED WOOD PICTURE RAIL TO REMAIN. CONTRACTOR SHALL REPAIR HISTORIC PICTURE RAIL AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS. SALVAGE WOOD PICTURE RAIL AT INTERIOR OFFICE WALLS AND INSTALL IN MISSING PERIMETER WALL LOCATIONS. AT REMAINING MISSING LOCATIONS, CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD PICTURE RAIL TO MATCH HISTORIC PICTURE RAIL PROFILE AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS WHERE ANY HISTORIC PICTURE RAIL IS PRESENT (TO COMPLETE THE EXTERIOR WALLS). DO NOT INSTALL NEW PICTURE RAIL INSIDE OF DWELLING UNITS WHERE NO HISTORIC PICTURE RAIL IS PRESENT.
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- F. PAINTED WOOD PICTURE RAIL TO BE REMOVED. SALVAGE. SEE HISTORIC KEYED NOTE.
- G. PAINTED WOOD CROWN MOULD TO BE REMOVED.
- H. PAINTED WOOD DOOR TRIMMING TO BE REMOVED.
- I. PAINTED WOOD DOOR CASING TO BE REMOVED.
- J. COVE CEILING REMNANT TO BE REMOVED.
- K. MALL CHUTE AND MARBLE TO REMAIN.
- L. EXISTING CLAY TILE SHAF WALL, MARBLE WALL PANELS AND MARBLE SURROUND TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH CONFIGURATION.
- M. HISTORIC PLASTER CEILING ABOVE CONTEMPORARY SUSPENDED CEILING TO REMAIN INTACT WITH NO DAMAGE DURING CONSTRUCTION.
- N. HISTORIC METAL ELEVATOR DOORS, METAL PANEL ABOVE DOORS, AND METAL STOP INDICATOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW ELEVATOR SHAFTS AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENING/HISTORIC MARBLE SURROUND.
- O. HISTORIC METAL ELEVATOR DOORS AND METAL PANEL ABOVE DOOR TO BE REMOVED. HISTORIC METAL STOP INDICATOR TO BE CAREFULLY REMOVED AND SALVAGED FOR REINSTALLATION IN NEW METAL PANEL.
- P. HISTORIC STEEL ELEVATOR DOOR AND FRAME TO BE REMOVED.
- Q. HISTORIC METAL ELEVATOR DOOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CAB ELEVATOR SHAFT AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENING AND HISTORIC METAL FRAME.
- R. HISTORIC ELEVATOR DOOR TO BE REMOVED TO ACCOMMODATE NEW FIRE-RATED ELEVATOR DOOR. HISTORIC FRAME TO REMAIN.
- S. HISTORIC ACCESS DOOR TO REMAIN. DOOR TO BE FIXED SHUT IN THE CLOSED POSITION.
- T. HISTORIC DOOR TO REMAIN IN PLACE.
- U. HISTORIC WOOD FINISHED FLOORING IS TO BE REMOVED AND SALVAGED FOR REINSTALLATION AFTER NEW FLOOR STRUCTURE INFILL.

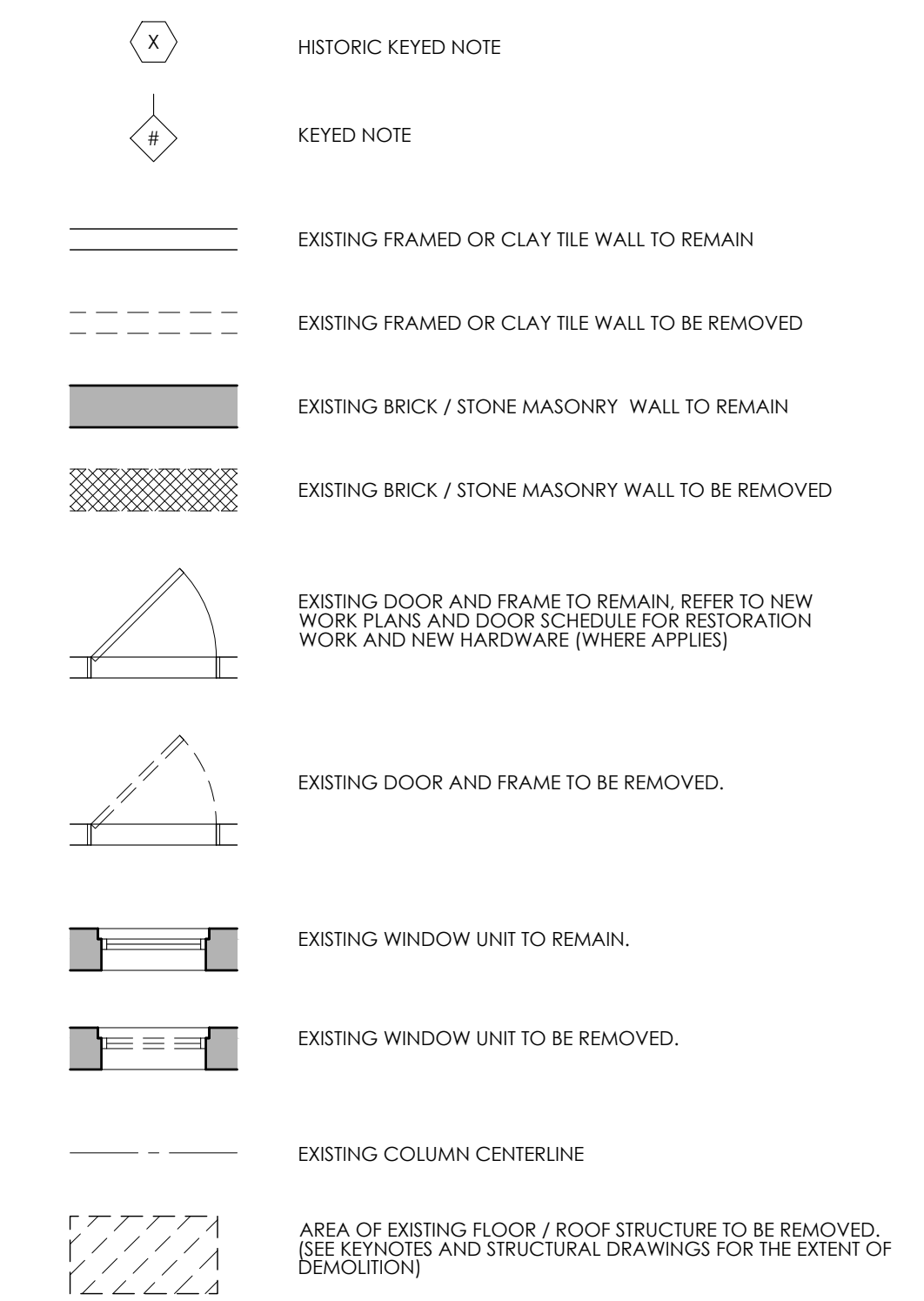
DEMOLITION PLAN GENERAL NOTES

- THE 11TH FLOOR LIBRARY AND ASSOCIATED 12TH FLOOR CONFERENCE ROOM WILL REMAIN IN OPERATION DURING RENOVATION WORK. MAINTAIN ALL EXIT COMPONENTS INCLUDING EXIT SIGNS, EXIT STAIR ENCLOSURES, LIGHTING, FIRE ALARMS, FIRE SUPPRESSION, ETC. CONTRACTOR TO COORDINATE WITH TENANT AND BUILDING INSPECTOR AS NECESSARY.
- ALL DASHED ELEMENTS TO BE REMOVED. U.N.O. CONSULT ARCHITECT IF INQUIRY IS UNCLEAR.
- ALL LOAD BEARING STRUCTURAL ELEMENTS ARE TO REMAIN. U.N.O. WHERE EXISTING STRUCTURE IS NOTED TO BE REMOVED, OR MAJOR OPENINGS ARE CREATED OR MODIFIED, SHORE AND BRACE EXISTING BUILDING AS REQUIRED.
- REMOVE ALL EXISTING SUSPENDED CEILING.
- REMOVE ALL EXISTING CARPET, VINYL, FLOOR TILE AND VINYL WALL BASE. ARCHITECT TO REVIEW FLOORING AFTER CONTEMPORARY FINISHES ARE REMOVED.
- REMOVE ALL NON-HISTORIC BUILT INS.
- EXISTING ELEVATOR HOISTWAYS, ELEVATORS, AND SHAFT WALLS TO REMAIN AT NORTH SIDE OF LOBBY.
- EXISTING PLASTER CEILING ABOVE DROP CEILING ARE TO REMAIN. TAKE CARE AND PROTECT THESE SURFACES DURING WORK.
- ALL EXISTING HISTORIC WOOD WINDOW TRIM (IF PRESENT) TO REMAIN AT FLOORS 2, 13, U.N.O.
- ALL OTHER EXISTING TRIM SUCH AS CHAIR RAILS, PICTURE RAILS, AND BASEBOARD SHALL BE MAINTAINED OR REMOVED AS NOTED ON PLANS. ANY REMOVED TRIM SHALL BE SALVAGED FOR REINSTALLATION. ARCHITECT TO BE NOTIFIED OF ANY HISTORIC TRIM FOUND DURING DEMOLITION NOT SHOWN ON PLANS. CONTACT ARCHITECT FOR DIRECTION IF ANY ADDITIONAL HISTORIC ELEMENTS ARE DISCOVERED DURING DEMOLITION.

DEMOLITION PLAN KEYED NOTES

- EXISTING FURNISH AND RADIACTOR COVERS TO BE REMOVED. ALL WOOD BASEBOARD, WINDOW SILLS / APRONS / TRIM AT PERIMETER WALLS AND BEHIND FURNISH TO REMAIN IN PLACE.
- EXISTING CLAY TILE AND PLASTER COLUMN ENCLOSURES AND STEEL COLUMNS TO REMAIN. FURNISH AND DRYWALL AROUND COLUMNS TO BE REMOVED AS INDICATED ON DEMOLITION PLANS. CONTRACTOR TO ASSESS CONDITION OF PLASTER AND CLAY TILE ENCLOSURES IN ORDER TO DETERMINE NECESSARY UPGRADES.
- EXISTING NON-RATED ELEVATOR DOOR TO REMAIN.
- EXISTING ELEVATOR PLATFORM LEFT TO REMAIN.
- EXISTING EXPOSED STEEL COLUMN / BEAM TO REMAIN. U.N.O. PROVIDE 2 HR RATED INTUMESCENT COATING WITH THICKNESS AS REQUIRED FOR RATING - TYPICAL FOR ALL EXPOSED STEEL IN BUILDING. SEE NEW WORK PLANS AND DETAIL 6/A.0.3.
- REMOVE EXISTING ELEVATOR EQUIPMENT, CONCRETE SLAB, MASONRY WALLS, ETC. AS NECESSARY TO CONSTRUCT NEW ELEVATOR PIT / SHAFT AND NEW TRASH CHUTE / TRASH CHUTE DISCHARGE ROOM.
- STABILIZE EXISTING STAIR AS NECESSARY AS PART OF NEW ELEVATOR PIT / SHAFT WORK.
- REMOVE PLASTER WRAP AT COLUMN IN ORDER TO EXPOSE STEEL TO RECEIVE 2 HR RATED INTUMESCENT COATING AS REQUIRED. SEE NEW WORK PLANS AND DETAIL 6/A.0.3.
- (3) EXISTING ELEVATORS TO BE REMOVED.
- EXISTING CONTEMPORARY SUSPENDED SLATED CEILING TO BE REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT CONSTRUCTION. REINSTALL CEILING.
- WIDEN EXISTING ELEVATOR DOOR OPENING IN CLAY TILE SHAF WALL AS NECESSARY TO ACCOMMODATE NEW ELEVATOR DOOR IN NEW CMU SHAF WALL. COORDINATE ROUGH OPENING DIMENSION WITH ELEVATOR MANUFACTURER. PREP FOR INFILL.
- PORTION OF EXISTING STEEL BEAM TO BE REMOVED FOR CONSTRUCTION OF NEW ELEVATOR SHAFT. REFER TO STRUCTURAL DRAWING. ANY REMAINING EXPOSED STEEL TO RECEIVE 2 HR RATED INTUMESCENT COATING WITH THICKNESS AS REQUIRED FOR RATING - TYPICAL FOR ALL EXPOSED STEEL IN BUILDING. SEE NEW WORK PLANS AND DETAIL 6/A.0.3.

DEMOLITION PLAN GRAPHIC LEGEND



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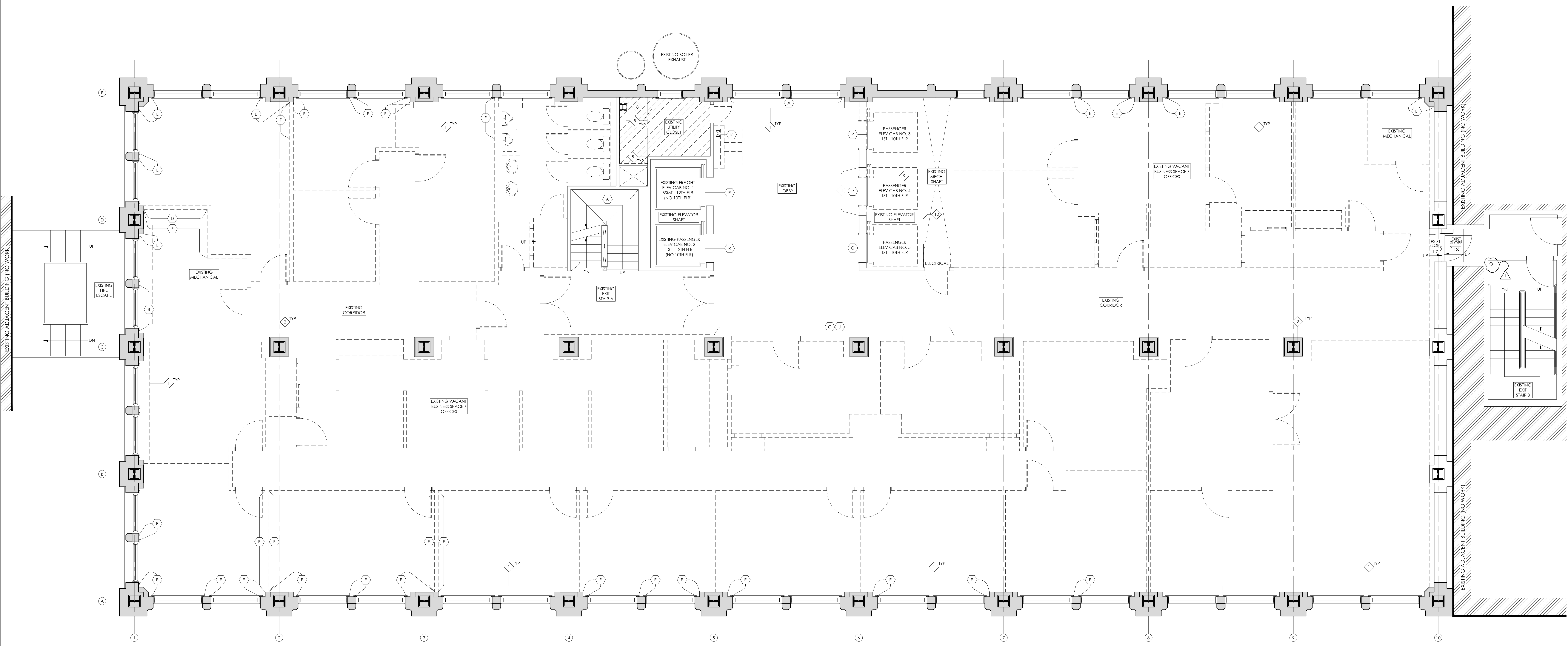
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ISSUE LOG:
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SEVENTH FLOOR
DEMOLITION PLAN

A2.07



SEVENTH FLOOR DEMOLITION PLAN
A2.07
1/4" = 1'-0"



HISTORIC GENERAL NOTES

- ALL TILE FLOORING, EXPOSED OR CURRENTLY COVERED BY CONTEMPORARY FLOOR FINISHES, IN ELEVATOR LOBBIES, CORRIDORS, AND WITHIN OFFICE AREAS TO REMAIN IN PLACE.
- NOTIFY ARCHITECT TO REVIEW FLOORING AFTER EXISTING CONTEMPORARY FLOORING IS REMOVED.
- PAINTED WOOD WINDOW CASING IS TYPICALLY PRESENT AT EXTERIOR OPENINGS (NOT ILLUSTRATED). WINDOW CASING IS TO REMAIN IN PLACE. REPAIR TO MATCH HISTORIC AS REQ'D. PRIME AND PAINT. CONTRACTOR SHALL REPAIR WINDOW CASING, SILLS, AND APRONS IN DWELLING UNITS AND COMMON SPACES TO MATCH HISTORIC CONDITION. CASING AND SILLS ARE TYPICALLY MISSING OR DAMAGED DUE TO PREVIOUS INSTALLATION OF RADIATOR COVERS. PROVIDE NEW WINDOW CASING, SILLS, AND APRONS TO CLOSELY MATCH HISTORIC PROFILES WHERE HISTORIC ELEMENTS ARE MISSING OR DAMAGED. PRIME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.
- PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED WHERE INDICATED ON PLANS. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (NOT ILLUSTRATED). CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS AND INSTALL IN MISSING PERIMETER EXTERIOR WALL LOCATIONS. CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD BASEBOARD TO MATCH HISTORIC BASEBOARD PROFILE AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES. SALVAGE WOOD BASEBOARD AT INTERIOR OFFICE WALLS AND INSTALL IN MISSING PERIMETER EXTERIOR WALL LOCATIONS. CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS AND INSTALL IN MISSING PERIMETER EXTERIOR WALL LOCATIONS. CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD BASEBOARD TO MATCH HISTORIC BASEBOARD PROFILE AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES AT REMAINING LOCATIONS WHERE HISTORIC BASEBOARD IS MISSING OR THE SALVAGED WOOD BASEBOARD CANNOT BE REINSTALLED. NEW BASEBOARD ON INTERIOR WALLS WILL NOT MATCH HISTORIC PROFILE. PRIME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.

HISTORIC KEYED NOTES

- A. MARBLE WAINSCOT TO REMAIN.
- A.1. MARBLE WAINSCOT PANELS TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT / TRASH ROOM CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH EXISTING CONFIGURATION EXCESS SALVAGED MARBLE TO BE APPLIED WHERE MISSING AT SOUTH WALL OF SECOND FLOOR LOBBY.
- B. MARBLE WINDOW SILL OR DOOR THRESHOLD TO REMAIN.
- C. MARBLE THRESHOLD TO BE REMOVED.
- D. PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED WHERE INDICATED ON PLANS. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (NOT ILLUSTRATED). CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS AND INSTALL IN MISSING PERIMETER EXTERIOR WALL LOCATIONS. CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD BASEBOARD TO MATCH HISTORIC BASEBOARD PROFILE AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES. SALVAGE WOOD BASEBOARD AT INTERIOR OFFICE WALLS AND INSTALL IN MISSING PERIMETER EXTERIOR WALL LOCATIONS. CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS AND INSTALL IN MISSING PERIMETER EXTERIOR WALL LOCATIONS. CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD BASEBOARD TO MATCH HISTORIC BASEBOARD PROFILE AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES AT REMAINING LOCATIONS WHERE HISTORIC BASEBOARD IS MISSING OR THE SALVAGED WOOD BASEBOARD CANNOT BE REINSTALLED. NEW BASEBOARD ON INTERIOR WALLS WILL NOT MATCH HISTORIC PROFILE. PRIME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.
- D.1. PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED FOR REINSTALLATION IN SAME LOCATION WHERE STILL EXPOSED AFTER NEW FLOOR FINISH / NEW WALL CONSTRUCTION WITHIN FLOOR 11.5. MARBLE TILE LIBRARY STORAGE ROOM. PRIME AND PAINT. COLOR TO BE SELECTED BY ARCHITECT.
- E. PAINTED WOOD PICTURE RAIL TO REMAIN. CONTRACTOR SHALL REPAIR HISTORIC PICTURE RAIL AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS. SALVAGE WOOD PICTURE RAIL AT INTERIOR OFFICE WALLS AND INSTALL IN MISSING PERIMETER EXTERIOR WALL LOCATIONS. CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD PICTURE RAIL TO MATCH HISTORIC PICTURE RAIL PROFILE AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS WHERE ANY HISTORIC PICTURE RAIL IS PRESENT (TO COMPLETE THE EXTERIOR WALLS). DO NOT INSTALL NEW PICTURE RAIL INSIDE OF DWELLING UNITS WHERE NO HISTORIC PICTURE RAIL IS PRESENT.
- E.1. PAINTED WOOD PICTURE RAIL TO REMAIN WHERE STILL EXPOSED AFTER NEW WALL CONSTRUCTION WITHIN FLOOR 11.5. MARBLE TILE LIBRARY STORAGE ROOM. SALVAGE WOOD PICTURE RAIL AT WALL LOCATIONS NOW COVERED BY NEW SHAFT WALL CONSTRUCTION AND REINSTALL IF MISSING AT EXISTING EXPOSED WALLS WITHIN THE ROOM.
- F. PAINTED WOOD PICTURE RAIL TO BE REMOVED. SALVAGE. SEE HISTORIC KEYED NOTE.
- G. PAINTED WOOD CROWN MOULD TO BE REMOVED.
- H. PAINTED WOOD DOOR TRANSOM TO BE REMOVED.
- I. PAINTED WOOD DOOR CASING TO BE REMOVED.
- J. COVE CEILING REMNANT TO BE REMOVED.
- K. MALL CHUTE AND MARBLE TO REMAIN.
- L. EXISTING CLAY TILE SHAFT WALL, MARBLE WALL PANELS AND MARBLE SURROUND TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH CONFIGURATION.
- M. HISTORIC PLASTER CEILING ABOVE CONTEMPORARY SUSPENDED CEILING TO REMAIN INTACT WITH NO DAMAGE DURING CONSTRUCTION.
- N. HISTORIC METAL ELEVATOR DOORS, METAL PANEL ABOVE DOORS, AND METAL STOP INDICATOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW ELEVATOR SHAFTS AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENING/HISTORIC MARBLE SURROUND.
- O. HISTORIC METAL ELEVATOR DOORS AND METAL PANEL ABOVE DOOR TO BE REMOVED. HISTORIC METAL STOP INDICATOR TO BE CAREFULLY REMOVED AND SALVAGED FOR REINSTALLATION IN NEW METAL PANEL.
- P. HISTORIC STEEL ELEVATOR DOOR AND FRAME TO BE REMOVED.
- Q. HISTORIC METAL ELEVATOR DOOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CAB/ELEVATOR SHAFT AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENING AND HISTORIC METAL FRAME.
- R. HISTORIC ELEVATOR DOOR TO BE REMOVED TO ACCOMMODATE NEW FIRE-RATED ELEVATOR DOOR. HISTORIC FRAME TO REMAIN.
- S. HISTORIC ACCESS DOOR TO REMAIN. DOOR TO BE FIXED SHUT IN THE CLOSED POSITION.
- T. HISTORIC DOOR TO REMAIN IN PLACE.
- U. HISTORIC WOOD FINISHED FLOORINGS IS TO BE REMOVED AND SALVAGED FOR REINSTALLATION AFTER NEW FLOOR STRUCTURE INFILL.

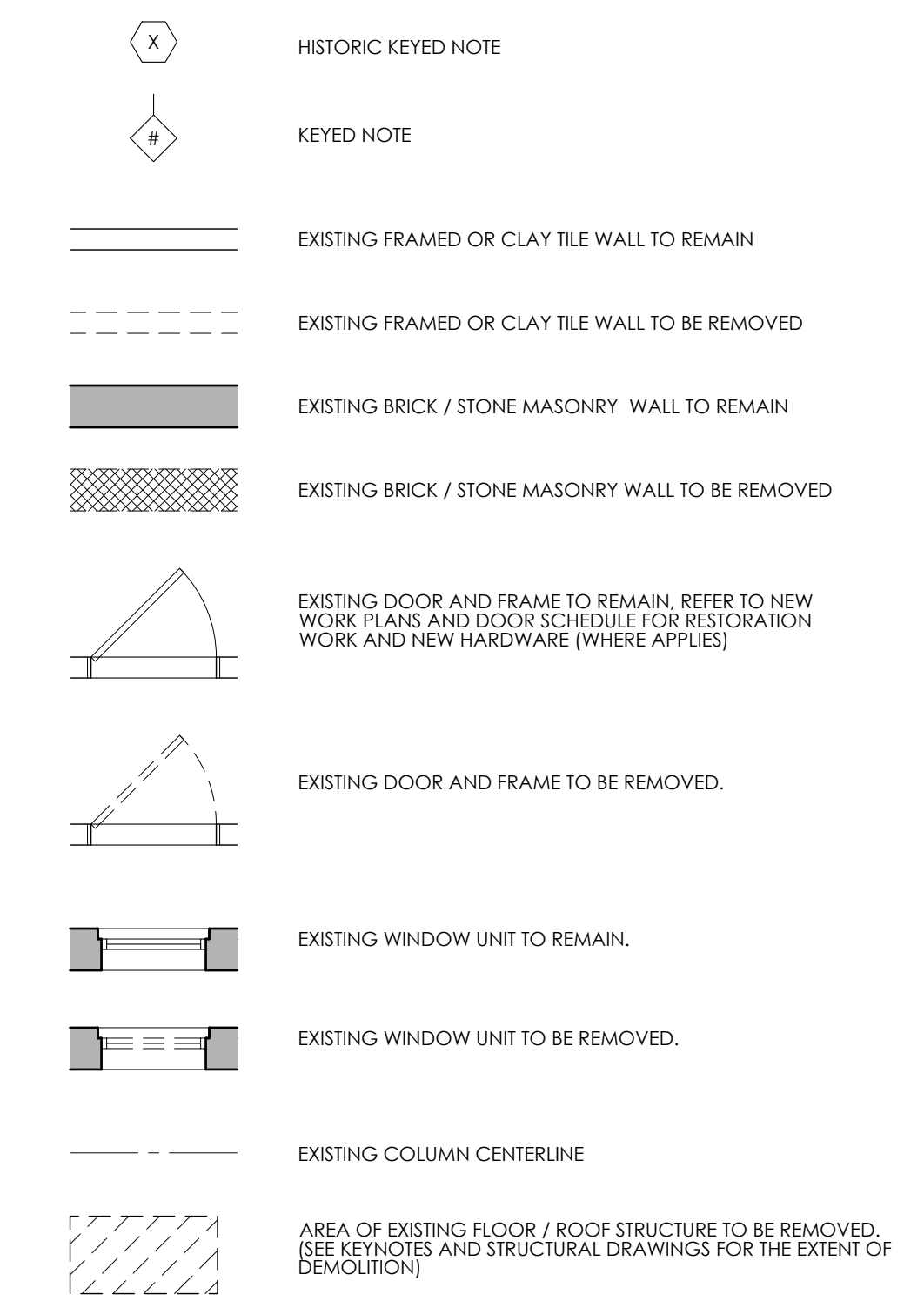
DEMOLITION PLAN GENERAL NOTES

- THE 11TH FLOOR LIBRARY AND ASSOCIATED 12TH FLOOR CONFERENCE ROOM WILL REMAIN IN OPERATION DURING RENOVATION WORK. MAINTAIN ALL EXIT COMPONENTS INCLUDING EXIT SIGNS, EXIT STAIR ENCLOSURES, LIGHTING, FIRE ALARMS, FIRE SUPPRESSION, ETC. CONTRACTOR TO COORDINATE WITH TENANT AND BUILDING INSPECTOR AS NECESSARY.
- ALL DASHED ELEMENTS TO BE REMOVED. U.N.O. CONSULT ARCHITECT IF FINISH IS UNCLEAR.
- ALL LOAD BEARING STRUCTURAL ELEMENTS ARE TO REMAIN. U.N.O. WHERE EXISTING STRUCTURE IS NOTED TO BE REMOVED, OR MAJOR OPENINGS ARE CREATED OR MOVED, SHORE AND BRACE EXISTING BUILDING AS REQUIRED.
- REMOVE ALL EXISTING SUSPENDED CEILING.
- REMOVE ALL EXISTING CARPET, VINYL, FLOOR TILE AND VINYL WALL BASE. ARCHITECT TO REVIEW FLOORING AFTER CONTEMPORARY FINISHES ARE REMOVED.
- REMOVE EXISTING NON-FUNCTIONING MECHANICAL ELECTRICAL PLUMBING, INCLUDING DUCTWORK, RADIATORS, PIPING, CONDUIT, HANGERS, ETC. CAP/TERMINATE AS REQUIRED. ALL MATERIALS THAT PENETRATE WALL, CEILING, OR FLOORS TO BE CUT/FLOOR AND GROUNDED SMOOTH. SURROUNDING FINISH MATERIALS TO NOT BE DAMAGED.
- REMOVE ALL EXISTING LIGHT FIXTURES AND ALL ASSOCIATED CONDUIT.
- REMOVE ALL NON-HISTORIC BELT RAS.
- EXISTING ELEVATOR HOISTWAYS, ELEVATORS, AND SHAFT WALLS TO REMAIN AT NORTH SIDE OF LOBBY.
- EXISTING PLASTER CEILING ABOVE DROP CEILING ARE TO REMAIN. TAKE CARE AND PROTECT THESE SURFACES DURING WORK.
- ALL EXISTING HISTORIC WOOD WINDOW TRIM (IF PRESENT) TO REMAIN AT FLOORS 2, 11, 11.5, U.N.O.
- ALL OTHER EXISTING TRIM SUCH AS CHAIR RAILS, PICTURE RAILS, AND BASEBOARD SHALL BE MAINTAINED OR REMOVED AS NOTED ON PLANS. ANY REMOVED TRIM SHALL BE SALVAGED FOR INFILL. ARCHITECT TO BE NOTIFIED OF ANY HISTORIC TRIM FOUND DURING DEMOLITION NOT SHOWN ON PLANS. CONTACT ARCHITECT FOR DIRECTION IF ANY ADDITIONAL HISTORIC ELEMENTS ARE DISCOVERED DURING DEMOLITION.

DEMOLITION PLAN KEYED NOTES

- EXISTING FURNING AND RADIATOR COVERS TO BE REMOVED. ALL WOOD BASEBOARD, WINDOW SILLS / APRONS / TRIM AT PERIMETER WALLS AND BEHIND FURNING TO REMAIN IN PLACE.
- EXISTING CLAY TILE AND PLASTER COLUMN ENCLOSURES AND STEEL COLUMNS TO REMAIN. FURNING AND DRYWALL AROUND COLUMNS TO BE REMOVED AS INDICATED ON DEMOLITION PLANS. CONTRACTOR TO ASSESS CONDITION OF PLASTER AND CLAY TILE ENCLOSURES IN ORDER TO DETERMINE NECESSARY UPGRADES.
- EXISTING NON-RATED ELEVATOR DOOR TO REMAIN.
- EXISTING ELEVATOR PLATFORM LIFT TO REMAIN.
- EXISTING EXPOSED STEEL COLUMN / BEAM TO REMAIN. U.N.O. PROVIDE 2 HR RATED INTUMESCENT COATING WITH THICKNESS AS REQUIRED FOR RATING - TYPICAL FOR ALL EXPOSED STEEL IN BUILDING. SEE NEW WORK PLANS AND DETAIL #A/D.3.
- REMOVE EXISTING ELEVATOR EQUIPMENT, CONCRETE SLAB, MASONRY WALLS, ETC. AS NECESSARY TO CONSTRUCT NEW ELEVATOR PIT / SHAFT AND NEW TRASH CHUTE / TRASH CHUTE DISCHARGE ROOM.
- STABILIZE EXISTING STAIR AS NECESSARY AS PART OF NEW ELEVATOR PIT / SHAFT WORK.
- REMOVE PLASTER WRAP AT COLUMN IN ORDER TO EXPOSE STEEL TO RECEIVE 2 HR RATED INTUMESCENT COATING AS REQUIRED. SEE NEW WORK PLANS AND DETAIL #A/D.3.
- (B) EXISTING ELEVATORS TO BE REMOVED.
- EXISTING CONTEMPORARY SUSPENDED SLATED CEILING TO BE REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT CONSTRUCTION. REINSTALL CEILING.
- WIDEN EXISTING ELEVATOR DOOR OPENING IN CLAY TILE SHAFT WALL AS NECESSARY TO ACCOMMODATE NEW ELEVATOR DOOR IN NEW CMU SHAFT WALL. COORDINATE ROUGH OPENING DIMENSION WITH ELEVATOR MANUFACTURER. PREP FOR INFILL.
- PORTION OF EXISTING STEEL BEAM TO BE REMOVED FOR CONSTRUCTION OF NEW ELEVATOR SHAFT. REFER TO STRUCTURAL DRAWING. ANY REMAINING EXPOSED STEEL TO RECEIVE 2 HR FIRE-RATED INTUMESCENT COATING WITH THICKNESS AS REQUIRED FOR RATING - TYPICAL FOR ALL EXPOSED STEEL IN BUILDING. SEE NEW WORK PLANS AND DETAIL #A/D.3.

DEMOLITION PLAN GRAPHIC LEGEND



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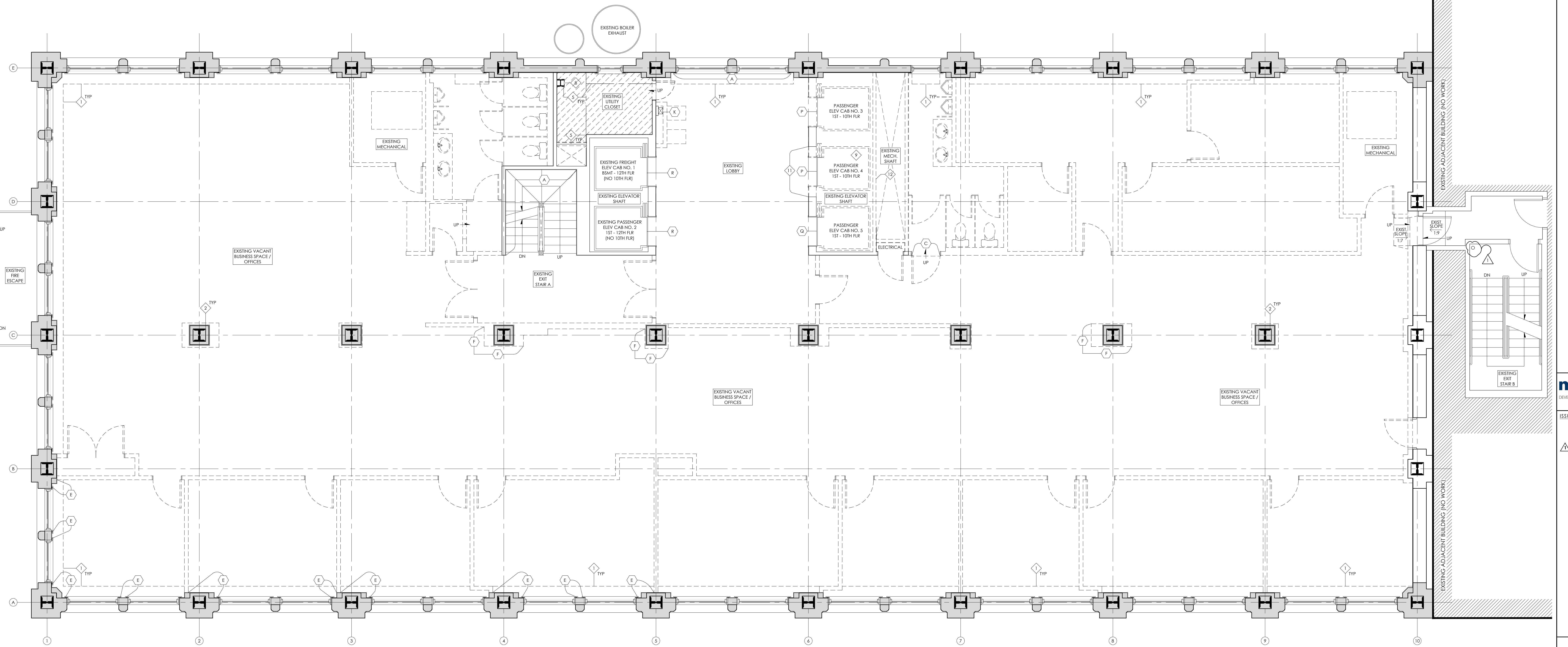
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ISSUE LOG:
08.17.2022
ISSUE FOR PERMIT
10.27.2022
PERMIT REVISION 1

EIGHTH FLOOR
DEMOLITION PLAN

A2.08



EIGHTH FLOOR DEMOLITION PLAN
A2.08
1/4" = 1'-0"



HISTORIC GENERAL NOTES

- ALL TILE FLOORING, EXPOSED OR CURRENTLY COVERED BY CONTEMPORARY FLOOR FINISHES, IN ELEVATOR LOBBIES, CORRIDORS, AND WITHIN OFFICE AREAS TO REMAIN IN PLACE.
- NOTIFY ARCHITECT TO REVIEW FLOORING AFTER EXISTING CONTEMPORARY FLOORING IS REMOVED.
- PAINTED WOOD WINDOW CASING IS TYPICALLY PRESENT AT EXTERIOR OPENINGS (NOT ILLUSTRATED). WINDOW CASING IS TO REMAIN IN PLACE. REPAIR TO MATCH HISTORIC AS REQ'D. PRIME AND PAINT. CONTRACTOR SHALL REPAIR WINDOW CASING, SILLS, AND APRONS IN DWELLING UNITS AND COMMON SPACES TO MATCH HISTORIC CONDITION. CASING AND SILLS ARE TYPICALLY MISSING OR DAMAGED DUE TO PREVIOUS INSTALLATION OF RADIATOR COVERS. PROVIDE NEW WINDOW CASING, SILLS, AND APRONS TO CLOSELY MATCH HISTORIC PROFILES WHERE HISTORIC ELEMENTS ARE MISSING OR DAMAGED. PRIME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.
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HISTORIC KEYED NOTES

- A. MARBLE WAINSCOT TO REMAIN.
- A.1. MARBLE WAINSCOT PANELS TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT / TRASH ROOM CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH EXISTING CONFIGURATION EXCESS SALVAGED MARBLE TO BE APPLIED WHERE MISSING AT SOUTH WALL OF SECOND FLOOR LOBBY.
- B. MARBLE WINDOW SILL OR DOOR THRESHOLD TO REMAIN.
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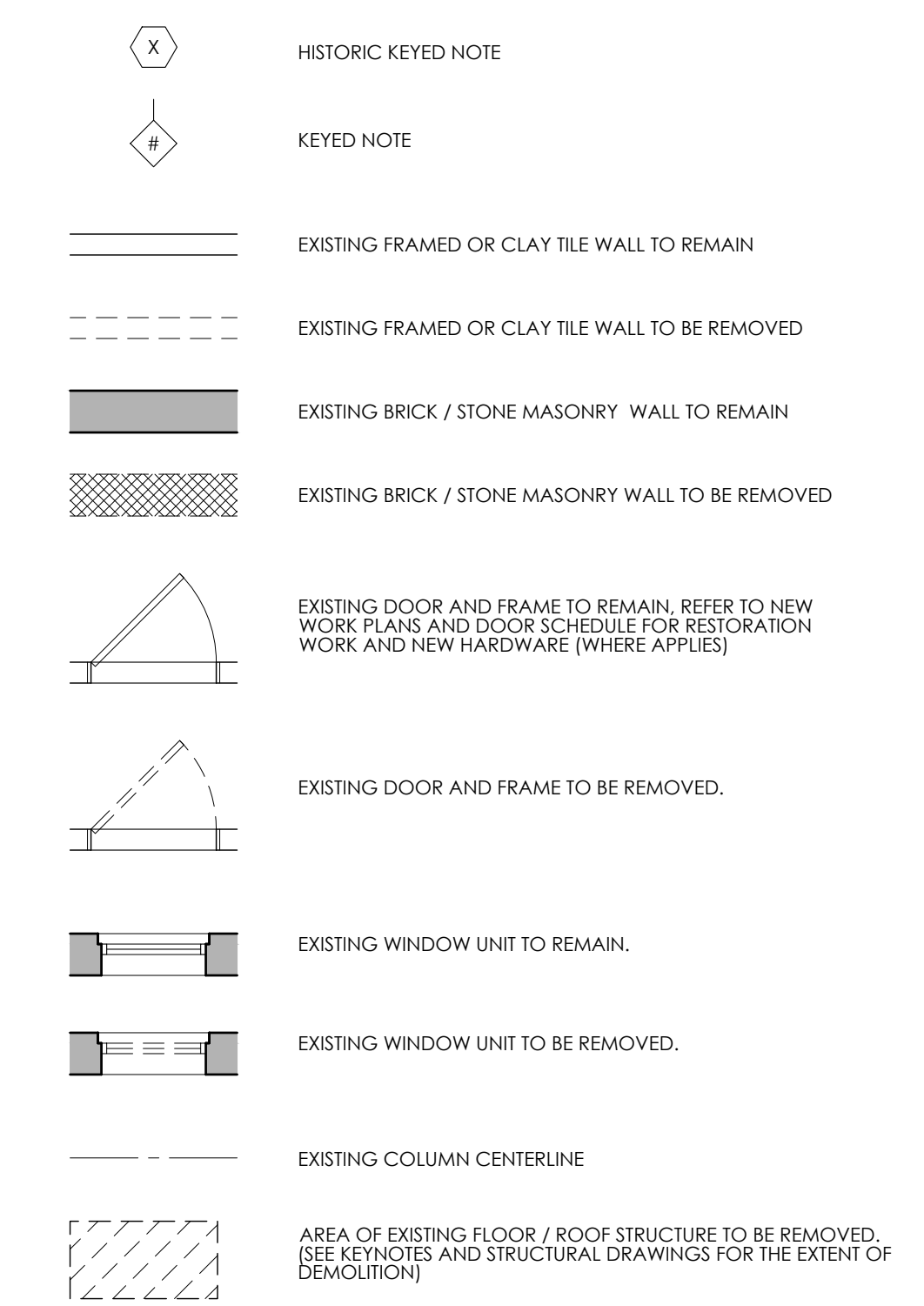
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- REMOVE EXISTING ELEVATOR EQUIPMENT, CONCRETE SLAB, MASONRY WALLS, ETC. AS NECESSARY TO CONSTRUCT NEW ELEVATOR PIT / SHAFT AND NEW TRASH CHUTE / TRASH CHUTE DISCHARGE ROOM.
- STABILIZE EXISTING STAIR AS NECESSARY AS PART OF NEW ELEVATOR PIT / SHAFT WORK.
- REMOVE PLASTER WRAP AT COLUMN IN ORDER TO EXPOSE STEEL TO RECEIVE 2 HR RATED INTUMESCENT COATING AS REQUIRED. SEE NEW WORK PLANS AND DETAIL 6/A.0.3.
- (B) EXISTING ELEVATORS TO BE REMOVED.
- EXISTING CONTEMPORARY SUSPENDED SLATED CEILING TO BE REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT CONSTRUCTION. REINSTALL CEILING.
- WIDEN EXISTING ELEVATOR DOOR OPENING IN CLAY TILE SHAFT WALL AS NECESSARY TO ACCOMMODATE NEW ELEVATOR DOOR IN NEW CMU SHAFT WALL. COORDINATE ROUGH OPENING DIMENSION WITH ELEVATOR MANUFACTURER. PREP FOR INFILL.
- PORTION OF EXISTING STEEL BEAM TO BE REMOVED FOR CONSTRUCTION OF NEW ELEVATOR SHAFT. REFER TO STRUCTURAL DRAWING. ANY REMAINING EXPOSED STEEL TO RECEIVE 2 HR RATED INTUMESCENT COATING WITH THICKNESS AS REQUIRED FOR RATING - TYPICAL FOR ALL EXPOSED STEEL IN BUILDING. SEE NEW WORK PLANS AND DETAIL 6/A.0.3.

DEMOLITION PLAN GRAPHIC LEGEND



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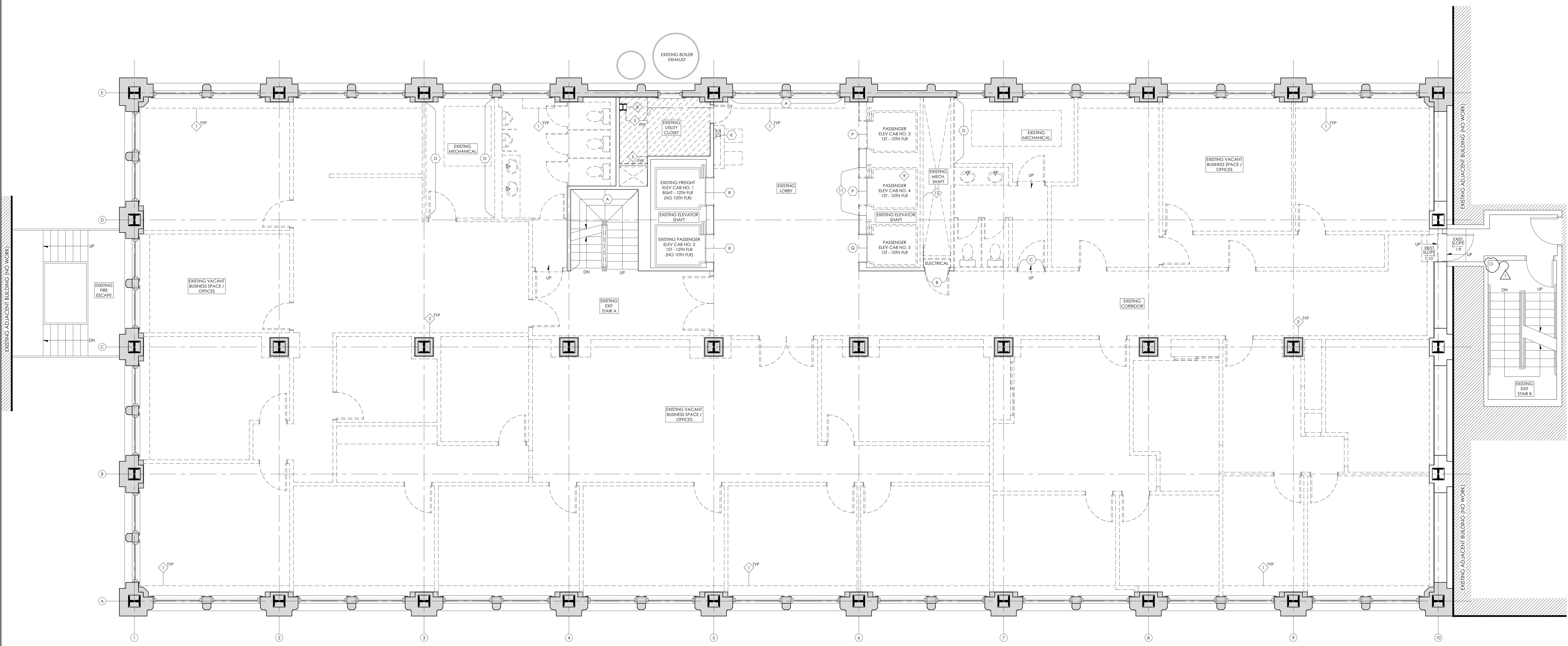
MERCANTILE LIBRARY BUILDING
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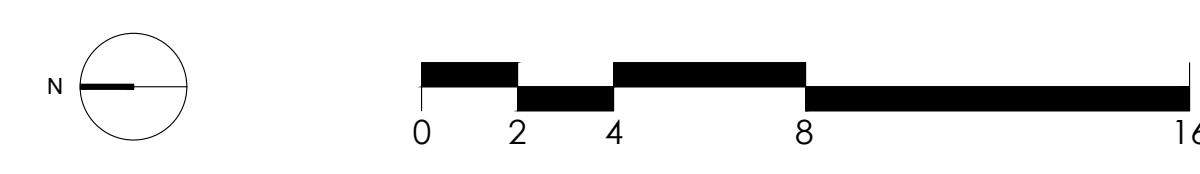
ISSUE LOG:
08.17.2022
ISSUE FOR PERMIT
10.27.2022
PERMIT REVISION 1

NINTH FLOOR
DEMOLITION PLAN

A2.09



1 NINTH FLOOR DEMOLITION PLAN
A2.09
1/4" = 1'-0"



HISTORIC GENERAL NOTES

- ALL TILE FLOORING, EXPOSED OR CURRENTLY COVERED BY CONTEMPORARY FLOOR FINISHES, IN ELEVATOR LOBBIES, CORRIDORS, AND WITHIN OFFICE AREAS TO REMAIN IN PLACE.
- NOTIFY ARCHITECT TO REVIEW FLOORING AFTER EXISTING CONTEMPORARY FLOORING IS REMOVED.
- PAINTED WOOD WINDOW CASING IS TYPICALLY PRESENT AT EXTERIOR OPENINGS (NOT ILLUSTRATED). WINDOW CASING IS TO REMAIN IN PLACE. REPAIR TO MATCH HISTORIC AS FIELD, PRIME, AND PAINT. CONTRACTOR SHALL REPAIR WINDOW CASING, SILLS, AND APRONS IN DWELLING UNITS AND COMMON SPACES TO MATCH HISTORIC CONDITION. CASING AND SILLS ARE TYPICALLY PRESENT. APRONS ARE TYPICALLY MISSING OR DAMAGED DUE TO PREVIOUS INSTALLATION OF RADIATOR COVERS. PROVIDE NEW WINDOW CASING, SILLS, AND APRONS TO CLOSELY MATCH HISTORIC PROFILES WHERE HISTORIC ELEMENTS ARE MISSING OR DAMAGED. PRIME AND PAINT WOOD TRIM COLOR TO BE SELECTED BY ARCHITECT.
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HISTORIC KEYED NOTES

- A. MARBLE WAINSCOT TO REMAIN.
- A.1. MARBLE WAINSCOT PANELS TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT / TRASH ROOM CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH EXISTING CONFIGURATION EXCESS SALVAGED MARBLE TO BE APPLIED WHERE MISSING AT SOUTH WALL OF SECOND FLOOR LOBBY.
- B. MARBLE WINDOW SILL OR DOOR THRESHOLD TO REMAIN.
- C. MARBLE THRESHOLD TO BE REMOVED.
- D. PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED WHERE INDICATED ON PLANS. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (NOT ILLUSTRATED). CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES. SALVAGE WOOD BASEBOARD AT INTERIOR OFFICE WALLS AND INSTALL IN MISSING PERIMETER EXTERIOR WALL LOCATIONS. CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD BASEBOARD TO MATCH HISTORIC BASEBOARD PROFILE AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES AT REMAINING LOCATIONS WHERE HISTORIC BASEBOARD IS MISSING OR THE SALVAGED WOOD BASEBOARD CANNOT BE REINSTALLED. NEW BASEBOARD ON INTERIOR WALLS WILL NOT MATCH HISTORIC PROFILE. PRIME AND PAINT WOOD TRIM COLOR TO BE SELECTED BY ARCHITECT.
- D.1. PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED FOR REINSTALLATION IN SAME LOCATION WHERE STILL EXPOSED AFTER NEW FLOOR FINISH / NEW WALL CONSTRUCTION WITHIN FLOOR 11.5. MARBLE TILE LIBRARY STORAGE ROOM. PRIME AND PAINT COLOR TO BE SELECTED BY ARCHITECT.
- E. PAINTED WOOD PICTURE RAIL TO REMAIN. CONTRACTOR SHALL REPAIR HISTORIC PICTURE RAIL AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS. SALVAGE WOOD PICTURE RAIL AT INTERIOR OFFICE WALLS AND INSTALL IN MISSING PERIMETER WALL LOCATIONS. AT REMAINING MISSING LOCATIONS, CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD PICTURE RAIL TO MATCH HISTORIC PICTURE RAIL PROFILE AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS WHERE ANY HISTORIC PICTURE RAIL IS PRESENT (TO COMPLETE THE EXTERIOR WALLS). DO NOT INSTALL NEW PICTURE RAIL INSIDE OF DWELLING UNITS WHERE NO HISTORIC PICTURE RAIL IS PRESENT.
- E.1. PAINTED WOOD PICTURE RAIL TO REMAIN WHERE STILL EXPOSED AFTER NEW WALL CONSTRUCTION WITHIN FLOOR 11.5. MARBLE TILE LIBRARY STORAGE ROOM. SALVAGE WOOD PICTURE RAIL AT WALL LOCATIONS NOW COVERED BY NEW SHAFT WALL CONSTRUCTION AND REINSTALL IF MISSING AT EXISTING EXPOSED WALLS WITHIN THE ROOM.
- F. PAINTED WOOD PICTURE RAIL TO BE REMOVED. SALVAGE. SEE HISTORIC KEYED NOTE.
- G. PAINTED WOOD CROWN MOULD TO BE REMOVED.
- H. PAINTED WOOD DOOR TRANSOM TO BE REMOVED.
- I. PAINTED WOOD DOOR CASING TO BE REMOVED.
- J. COVE CEILING REMNANT TO BE REMOVED.
- K. MALL CHUTE AND MARBLE TO REMAIN.
- L. EXISTING CLAY TILE SHAWT WALL, MARBLE WALL PANELS AND MARBLE SURROUND TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH CONFIGURATION.
- M. HISTORIC PLASTER CEILING ABOVE CONTEMPORARY SUSPENDED CEILING TO REMAIN INTACT WITH NO DAMAGE DURING CONSTRUCTION.
- N. HISTORIC METAL ELEVATOR DOORS, METAL PANEL ABOVE DOORS, AND METAL STOP INDICATOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CAB/ELEVATOR SHAFT AND REINSTALLATION WITHIN DOOR OPENING/HISTORIC MARBLE SURROUND.
- O. HISTORIC METAL ELEVATOR DOORS AND METAL PANEL ABOVE DOOR TO BE REMOVED. HISTORIC METAL STOP INDICATOR TO BE CAREFULLY REMOVED AND SALVAGED FOR REINSTALLATION IN NEW METAL PANEL.
- P. HISTORIC STEEL ELEVATOR DOOR AND FRAME TO BE REMOVED.
- Q. HISTORIC METAL ELEVATOR DOOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CAB/ELEVATOR SHAFT AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENING AND HISTORIC METAL FRAME.
- R. HISTORIC ELEVATOR DOOR TO BE REMOVED TO ACCOMMODATE NEW FIRE-RATED ELEVATOR DOOR. HISTORIC FRAME TO REMAIN.
- S. HISTORIC ACCESS DOOR TO REMAIN. DOOR TO BE FIXED SHUT IN THE CLOSED POSITION.
- T. HISTORIC DOOR TO REMAIN IN PLACE.
- U. HISTORIC WOOD FINISHED FLOORING IS TO BE REMOVED AND SALVAGED FOR REINSTALLATION AFTER NEW FLOOR STRUCTURE INFILL.

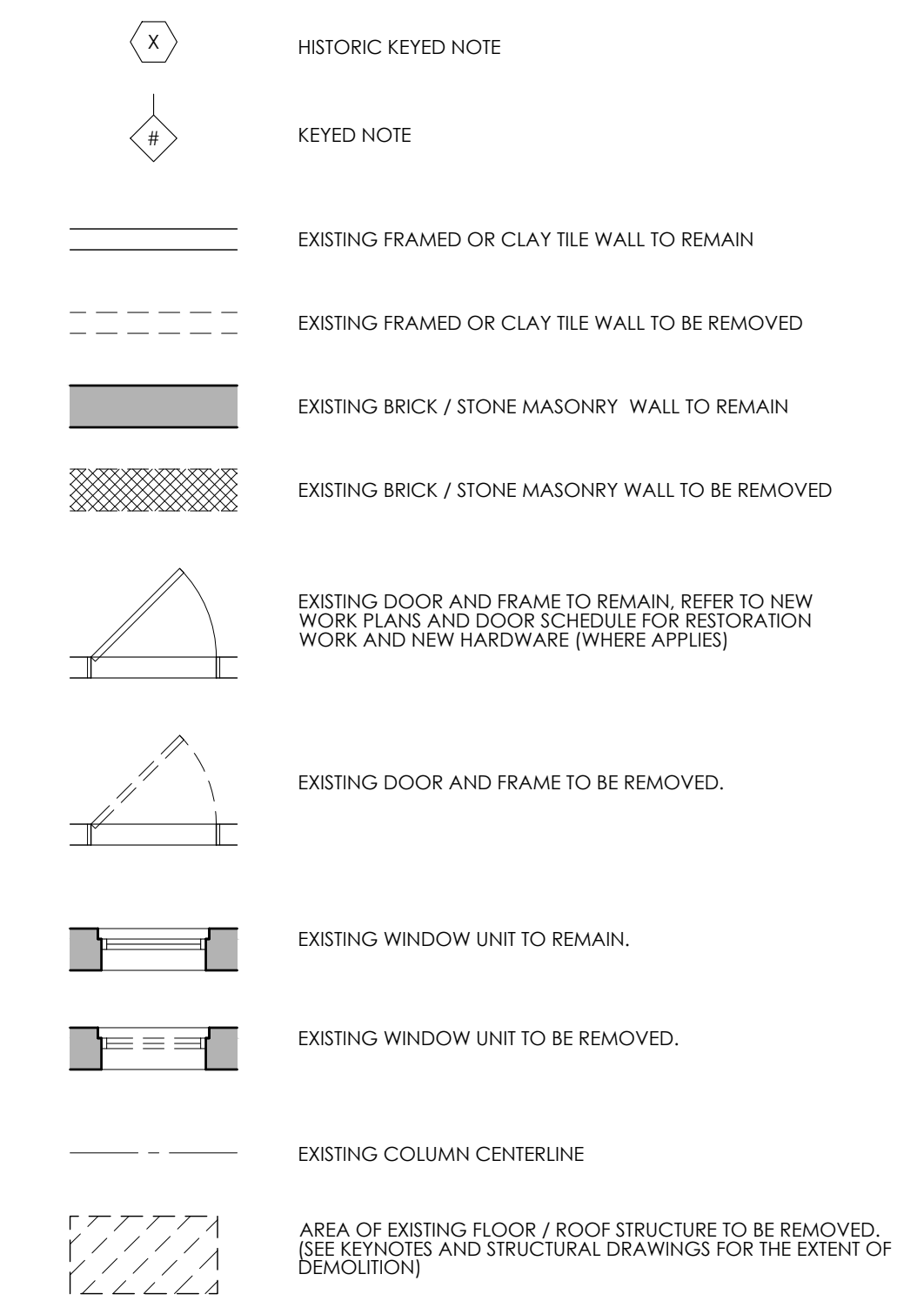
DEMOLITION PLAN GENERAL NOTES

- THE 11TH FLOOR LIBRARY AND ASSOCIATED 12TH FLOOR CONFERENCE ROOM WILL REMAIN IN OPERATION DURING RENOVATION WORK. MAINTAIN ALL EXIT COMPONENTS INCLUDING EXIT SIGNS, EXIT STAIR ENCLOSURES, LIGHTING, FIRE ALARMS, FIRE SUPPRESSION, ETC. CONTRACTOR TO COORDINATE WITH TENANT AND BUILDING INSPECTOR AS NECESSARY.
- ALL DASHED ELEMENTS TO BE REMOVED. U.N.O. CONSULT ARCHITECT IF NOT IS UNCLER.
- ALL LOAD BEARING STRUCTURAL ELEMENTS ARE TO REMAIN. U.N.O. WHERE EXISTING STRUCTURE IS NOTED TO BE REMOVED, OR MAJOR OPENINGS ARE CREATED OR MODIFIED, SHORE AND BRACE EXISTING BUILDING AS REQUIRED.
- REMOVE ALL EXISTING SUSPENDED CEILING.
- REMOVE ALL EXISTING CARPET, VINYL FLOOR TILE AND VINYL WALL BASE. ARCHITECT TO REVIEW FLOORING AFTER CONTEMPORARY FINISHES ARE REMOVED.
- REMOVE EXISTING NON-FUNCTIONING MECHANICAL, ELECTRICAL, PLUMBING, INCLUDING DUCTWORK, RADIATORS, PIPING, CONDENS. HANGERS, ETC. CAP/TERMINATE AS REQUIRED. ALL MATERIALS THAT PENETRATE WALL, CEILING, OR FLOORS TO BE CUT/FINISH AND GROUNDED. SURROUNDING FINISH MATERIALS TO NOT BE DAMAGED.
- REMOVE ALL EXISTING LIGHT FIXTURES AND ALL ASSOCIATED CONDUIT.
- REMOVE ALL NON-HISTORIC BELT RAS.
- EXISTING ELEVATOR HOISTWAYS, ELEVATORS, AND SHAFT WALLS TO REMAIN AT NORTH SIDE OF LOBBY.
- EXISTING PLASTER CEILING ABOVE DROP CEILING ARE TO REMAIN. TAKE CARE AND PROTECT THESE SURFACES DURING WORK.
- ALL EXISTING HISTORIC WOOD WINDOW TRIM (IF PRESENT) TO REMAIN AT FLOORS 2, 13, 11.0.
- ALL OTHER EXISTING TRIM SUCH AS CHAIR RAILS, PICTURE RAILS, AND BASEBOARD SHALL BE MAINTAINED OR REMOVED AS NOTED ON PLANS. ANY REMOVED TRIM SHALL BE SALVAGED FOR REINSTALLATION. ARCHITECT TO BE NOTIFIED OF ANY HISTORIC TRIM FOUND DURING DEMOLITION NOT SHOWN ON PLANS. CONTACT ARCHITECT FOR DIRECTION IF ANY ADDITIONAL HISTORIC ELEMENTS ARE DISCOVERED DURING DEMOLITION.

DEMOLITION PLAN KEYED NOTES

- EXISTING FURNING AND RADIATOR COVERS TO BE REMOVED. ALL WOOD BASEBOARD, WINDOW SILLS / APRONS / TRIM AT PERIMETER WALLS AND BEHIND FURNING TO REMAIN IN PLACE.
- EXISTING CLAY TILE AND PLASTER COLUMN ENCLOSURES AND STEEL COLUMNS TO REMAIN. FURNING AND DRYWALL AROUND COLUMNS TO BE REMOVED AS INDICATED ON DEMOLITION PLANS. CONTRACTOR TO ASSESS CONDITION OF PLASTER AND CLAY TILE ENCLOSURES IN ORDER TO DETERMINE NECESSARY UPGRADES.
- EXISTING NON-RATED ELEVATOR DOOR TO REMAIN.
- EXISTING ELEVATOR PLATFORM LIFT TO REMAIN.
- EXISTING EXPOSED STEEL COLUMN / BEAM TO REMAIN. U.N.O. PROVIDE 2 HR RATED INTUMESCENT COATING WITH THICKNESS AS REQUIRED FOR RATING - TYPICAL FOR ALL EXPOSED STEEL IN BUILDING. SEE NEW WORK PLANS AND DETAIL #A.D.3.
- REMOVE EXISTING ELEVATOR EQUIPMENT, CONCRETE SLAB, MASONRY WALLS, ETC. AS NECESSARY TO CONSTRUCT NEW ELEVATOR PIT / SHAFT AND NEW TRASH CHUTE / TRASH CHUTE DISCHARGE ROOM.
- STABILIZE EXISTING STAIR AS NECESSARY AS PART OF NEW ELEVATOR PIT / SHAFT WORK.
- REMOVE PLASTER WRAP AT COLUMN IN ORDER TO EXPOSE STEEL TO RECEIVE 2 HR RATED INTUMESCENT COATING AS REQUIRED. SEE NEW WORKS PLANS AND DETAIL #A.D.3.
- (B) EXISTING ELEVATORS TO BE REMOVED.
- EXISTING CONTEMPORARY SUSPENDED SLATED CEILING TO BE REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT CONSTRUCTION. REINSTALL CEILING.
- WIDEN EXISTING ELEVATOR DOOR OPENING IN CLAY TILE SHAWT WALL AS NECESSARY TO ACCOMMODATE NEW ELEVATOR DOOR IN NEW CMU SHAWT WALL. COORDINATE ROUGH OPENING DIMENSION WITH ELEVATOR MANUFACTURER. PREP FOR INFILL.
- PORTION OF EXISTING STEEL BEAM TO BE REMOVED FOR CONSTRUCTION OF NEW ELEVATOR SHAFT. REFER TO STRUCTURAL DRAWING. ANY REMAINING EXPOSED STEEL TO RECEIVE 2 HR FIRE-RATED INTUMESCENT COATING WITH THICKNESS AS REQUIRED FOR RATING - TYPICAL FOR ALL EXPOSED STEEL IN BUILDING. SEE NEW WORK PLANS AND DETAIL #A.D.3.

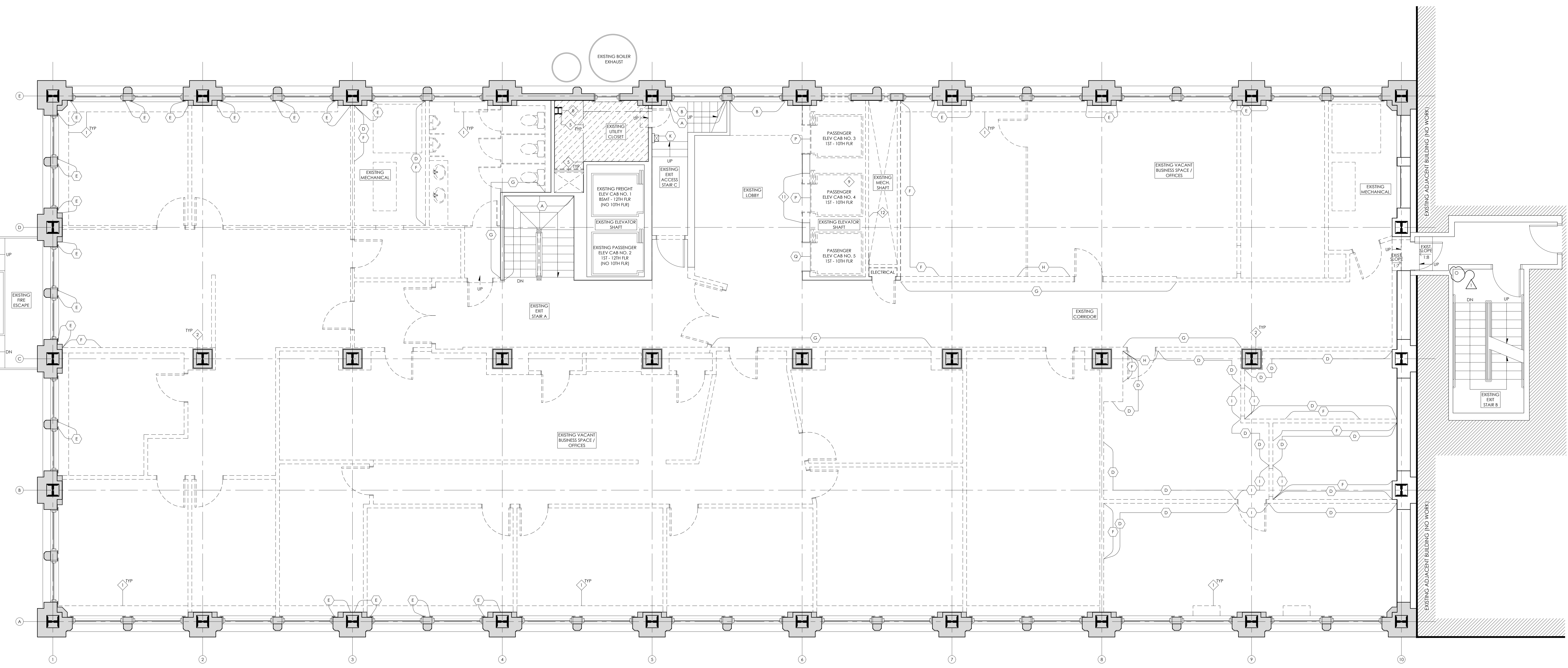
DEMOLITION PLAN GRAPHIC LEGEND



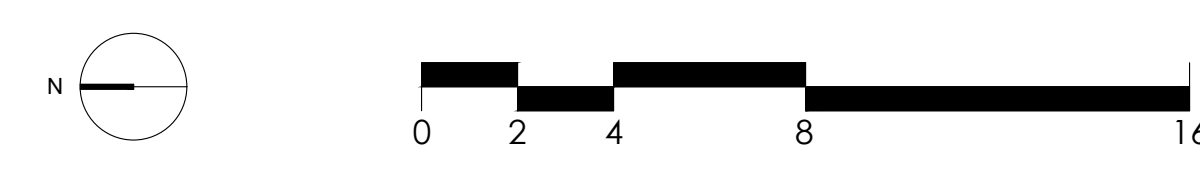
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TENTH FLOOR DEMOLITION PLAN
1/4" = 1'-0"



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TENTH FLOOR
DEMOLITION PLAN

A2.10

HISTORIC GENERAL NOTES

- ALL TILE FLOORING, EXPOSED OR CURRENTLY COVERED BY CONTEMPORARY FLOOR FINISHES, IN ELEVATOR LOBBIES, CORRIDORS, AND WITHIN OFFICE AREAS TO REMAIN IN PLACE.
- NOTIFY ARCHITECT TO REVIEW FLOORING AFTER EXISTING CONTEMPORARY FLOORING IS REMOVED.
- PAINTED WOOD WINDOW CASING IS TYPICALLY PRESENT AT EXTERIOR OPENINGS (NOT ILLUSTRATED). WINDOW CASING IS TO REMAIN IN PLACE. REPAIR TO MATCH HISTORIC AS REQ'D. PRIME AND PAINT. CONTRACTOR SHALL REPAIR WINDOW CASING, SILLS, AND APRONS IN DWELLING UNITS AND COMMON SPACES TO MATCH HISTORIC CONDITION. CASING AND SILLS ARE TYPICALLY PRESENT. APRONS ARE TYPICALLY MISSING OR DAMAGED DUE TO PREVIOUS INSTALLATION OF RADIATOR COVERS. PROVIDE NEW WINDOW CASING, SILLS, AND APRONS TO CLOSELY MATCH HISTORIC PROFILES WHERE HISTORIC ELEMENTS ARE MISSING OR DAMAGED. PRIME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.
- PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED WHERE INDICATED ON PLANS. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (NOT ILLUSTRATED). CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND COMMON SPACES. SALVAGE WOOD BASEBOARD AT INTERIOR OFFICE WALLS AND INSTALL IN MISSING PERIMETER EXTERIOR WALL LOCATIONS. CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD BASEBOARD TO MATCH HISTORIC BASEBOARD PROFILE AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES AT REMAINING LOCATIONS WHERE HISTORIC BASEBOARD IS MISSING OR THE SALVAGED WOOD BASEBOARD CANNOT BE REINSTALLED. NEW BASEBOARD ON INTERIOR WALLS WILL NOT MATCH HISTORIC PROFILE. PRIME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.

HISTORIC KEYED NOTES

- A. MARBLE WAINCOT TO REMAIN.
- A.1. MARBLE WAINCOT PANELS TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT / TRASH ROOM CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH EXISTING CONFIGURATION. EXCESS SALVAGED MARBLE TO BE APPLIED WHERE MISSING AT SOUTH WALL OF SECOND FLOOR LOBBY.
- B. MARBLE WINDOW SILL OR DOOR THRESHOLD TO REMAIN.
- C. MARBLE THRESHOLD TO BE REMOVED.
- D. PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED WHERE INDICATED ON PLANS. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (NOT ILLUSTRATED). CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES. SALVAGE WOOD BASEBOARD AT INTERIOR OFFICE WALLS AND INSTALL IN MISSING PERIMETER EXTERIOR WALL LOCATIONS. CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD BASEBOARD TO MATCH HISTORIC BASEBOARD PROFILE AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES AT REMAINING LOCATIONS WHERE HISTORIC BASEBOARD IS MISSING OR THE SALVAGED WOOD BASEBOARD CANNOT BE REINSTALLED. NEW BASEBOARD ON INTERIOR WALLS WILL NOT MATCH HISTORIC PROFILE. PRIME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.
- D.1. PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED FOR REINSTALLATION IN SAME LOCATION WHERE STILL EXPOSED AFTER NEW FLOOR FINISH / NEW WALL CONSTRUCTION WITHIN FLOOR 11.5 MERCANTILE LIBRARY STORAGE ROOM. PRIME AND PAINT. COLOR TO BE SELECTED BY ARCHITECT.
- E. PAINTED WOOD PICTURE RAIL TO REMAIN. CONTRACTOR SHALL REPAIR HISTORIC PICTURE RAIL AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS. SALVAGE WOOD PICTURE RAIL AT INTERIOR OFFICE WALLS AND INSTALL IN MISSING PERIMETER WALL LOCATIONS, AT REMAINING MISSING LOCATIONS. CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD PICTURE RAIL TO MATCH HISTORIC PICTURE RAIL PROFILE AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS WHERE ANY HISTORIC PICTURE RAIL IS PRESENT (TO COMPLETE THE EXTERIOR WALLS). DO NOT INSTALL NEW PICTURE RAIL INSIDE OF DWELLING UNITS WHERE NO HISTORIC PICTURE RAIL IS PRESENT.
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- F. PAINTED WOOD PICTURE RAIL TO BE REMOVED. SEE HISTORIC KEYED NOTE.
- G. PAINTED WOOD CROWN MOULD TO BE REMOVED.
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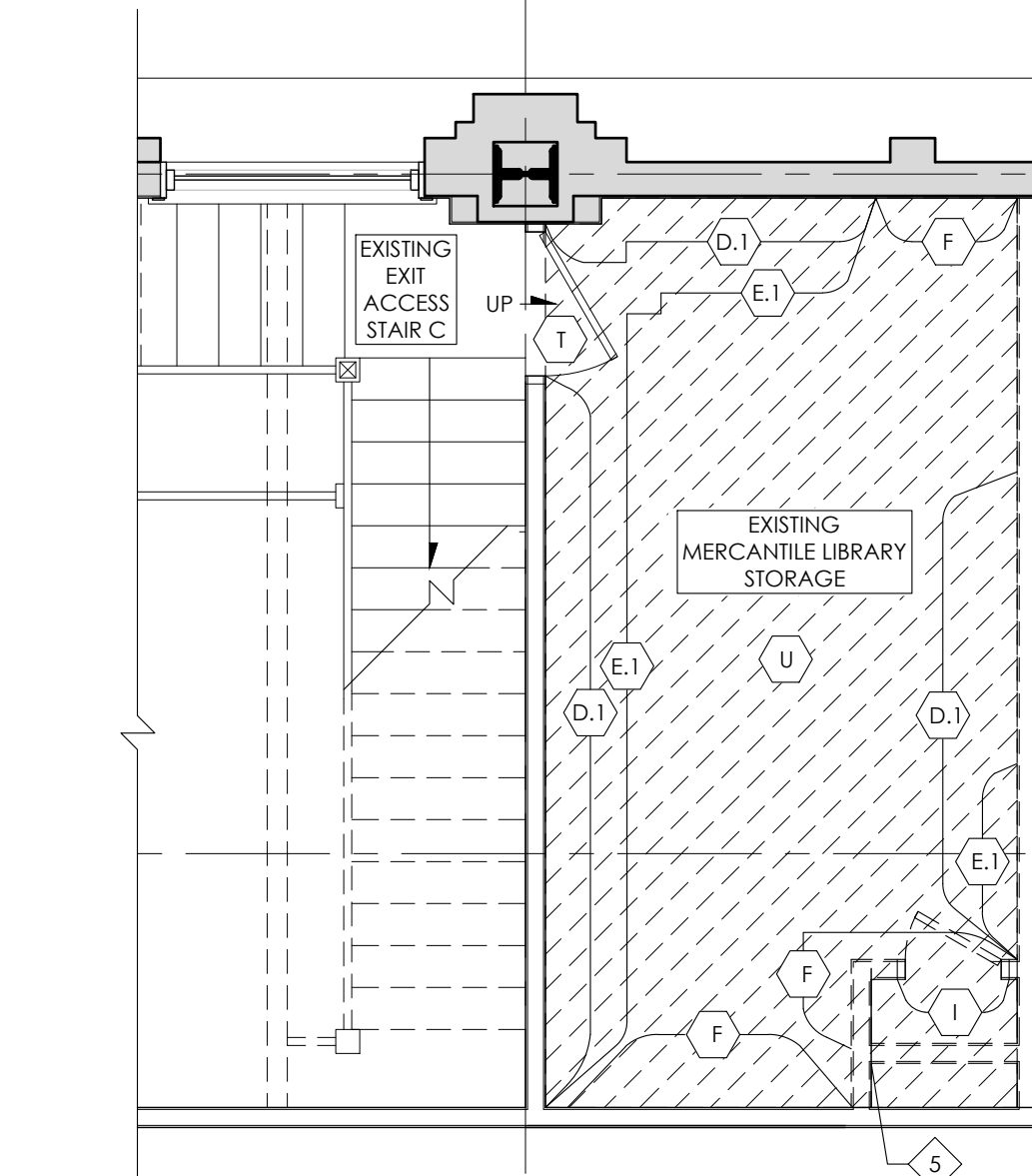
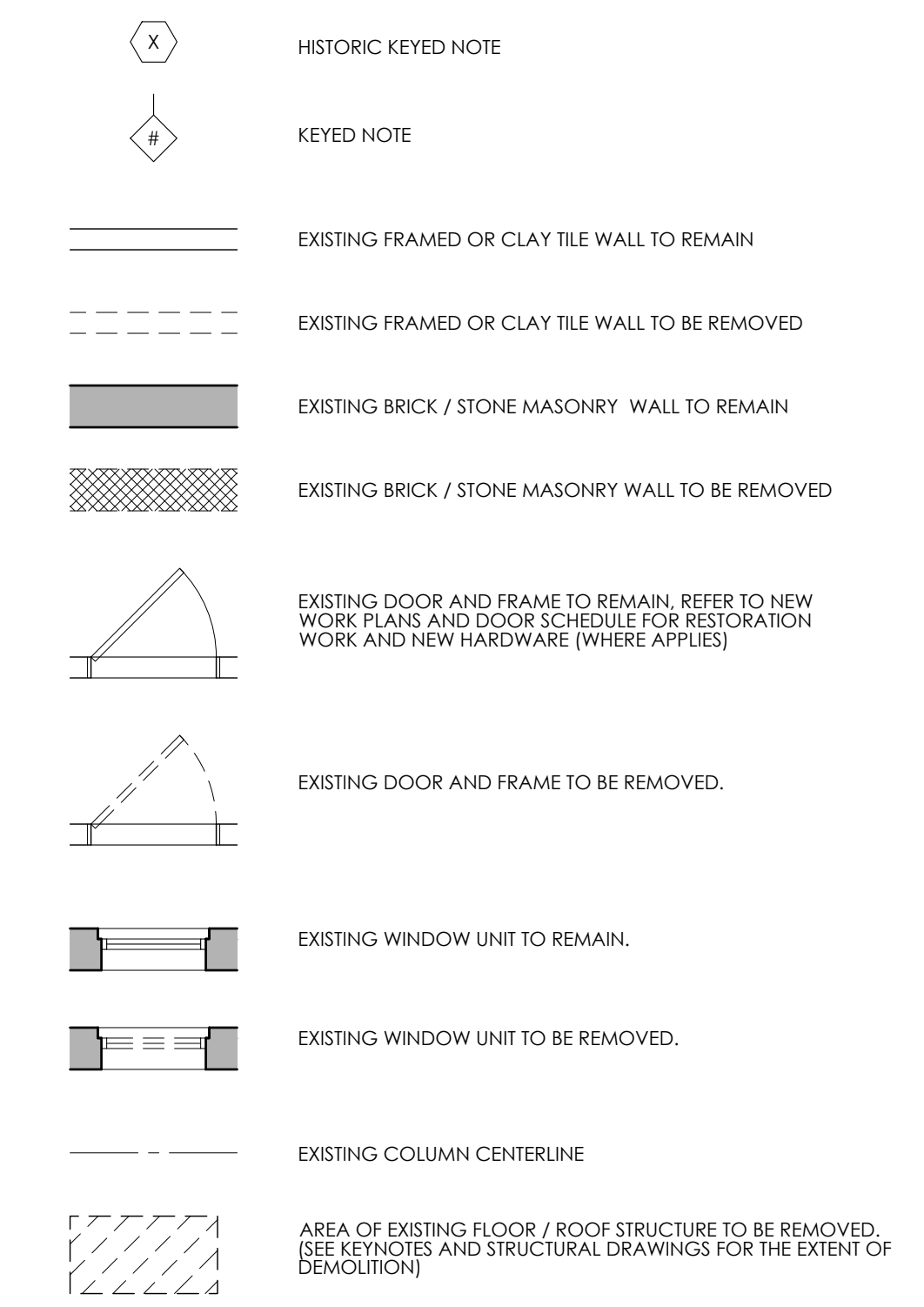
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- REMOVE ALL EXISTING SUSPENDED CEILING.
- REMOVE ALL EXISTING CARPET, VINYL, FLOOR TILE AND VINYL WALL BASE. ARCHITECT TO REVIEW FLOORING AFTER CONTEMPORARY FINISHES ARE REMOVED.
- REMOVE EXISTING NON-FUNCTIONING MECHANICAL, ELECTRICAL, PLUMBING, INCLUDING DUCTWORK, RADIATORS, PIPING, CONDUIT, HANGERS, ETC. CAP/TERMINATE AS REQUIRED. ALL MATERIALS THAT PENETRATE WALL, CEILING, OR FLOORS TO BE CUT/FLOOR AND GROUND SMOOTH. SURROUNDING FINISH MATERIALS TO NOT BE DAMAGED.
- REMOVE ALL EXISTING LIGHT FIXTURES AND ALL ASSOCIATED CONDUIT.
- REMOVE ALL NON-HISTORIC BELT RAS.
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- EXISTING PLASTER CEILING ABOVE DROP CEILING ARE TO REMAIN. TAKE CARE AND PROTECT THESE SURFACES DURING WORK.
- ALL EXISTING HISTORIC WOOD WINDOW TRIM (IF PRESENT) TO REMAIN AT FLOORS 2,13, U.N.O.
- ALL OTHER EXISTING TRIM SUCH AS CHAIR RAILS, PICTURE RAILS, AND BASEBOARD SHALL BE MAINTAINED OR REMOVED AS NOTED ON PLANS. ANY REMOVED TRIM SHALL BE SALVAGED FOR REINSTALLATION. ARCHITECT TO BE NOTIFIED OF ANY HISTORIC TRIM FOUND DURING DEMOLITION NOT SHOWN ON PLANS. CONTACT ARCHITECT FOR DIRECTION IF ANY ADDITIONAL HISTORIC ELEMENTS ARE DISCOVERED DURING DEMOLITION.

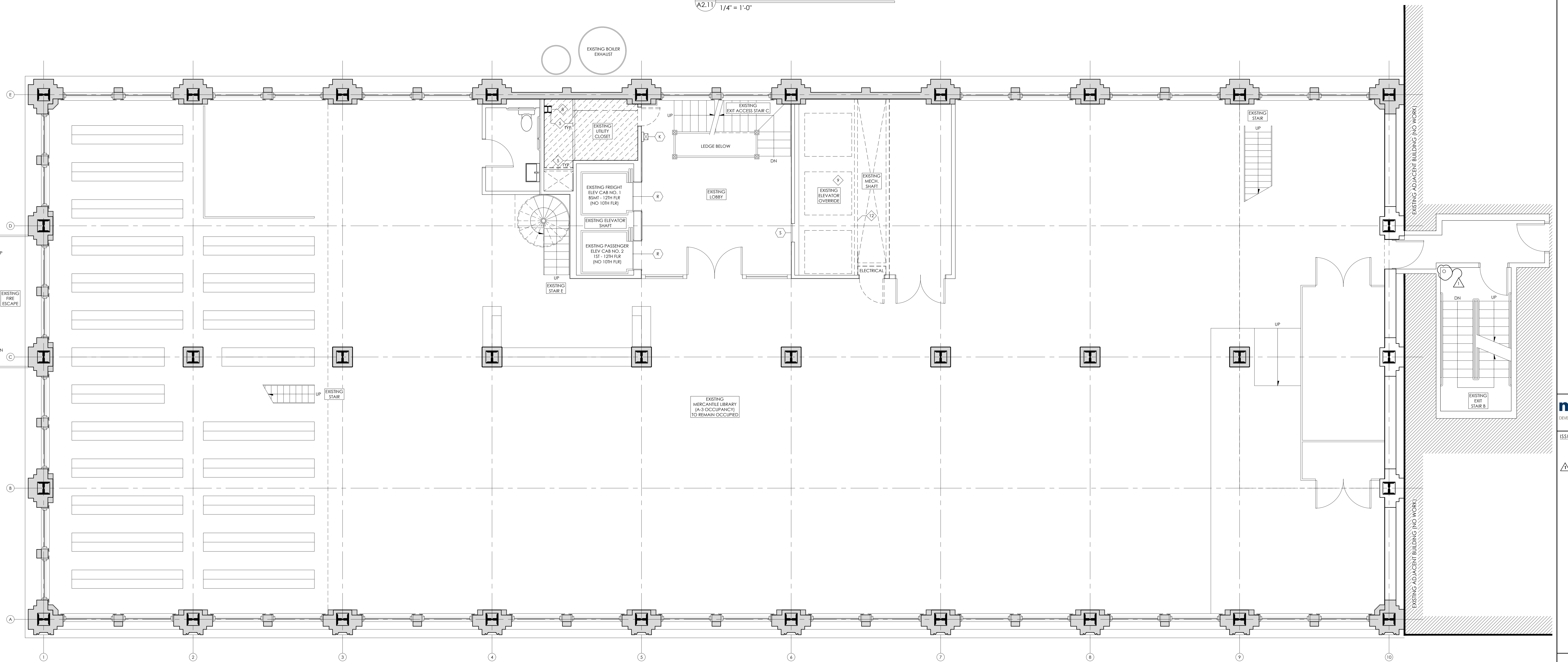
DEMOLITION PLAN KEYED NOTES

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- EXISTING CLAY TILE AND PLASTER COLUMN ENCLOSURES AND STEEL COLUMNS TO REMAIN. FURNING AND DRYWALL AROUND COLUMNS TO BE REMOVED AS INDICATED ON DEMOLITION PLANS. CONTRACTOR TO ASSESS CONDITION OF PLASTER AND CLAY TILE ENCLOSURES IN ORDER TO DETERMINE NECESSARY UPGRADES.
- EXISTING NON-RATED ELEVATOR DOOR TO REMAIN.
- EXISTING ELEVATOR PLATFORM LIFT TO REMAIN.
- EXISTING EXPOSED STEEL COLUMN / BEAM TO REMAIN. U.N.O. PROVIDE 2 HR RATED INTUMESCENT COATING WITH THICKNESS AS REQUIRED FOR RATING - TYPICAL FOR ALL EXPOSED STEEL IN BUILDING. SEE NEW WORK PLANS AND DETAIL A/AD.3.
- REMOVE EXISTING ELEVATOR EQUIPMENT, CONCRETE SLAB, MASONRY WALLS, ETC. AS NECESSARY TO CONSTRUCT NEW ELEVATOR PIT / SHAFT AND NEW TRASH CHUTE / TRASH CHUTE DISCHARGE ROOM.
- STABILIZE EXISTING STAIR AS NECESSARY AS PART OF NEW ELEVATOR PIT / SHAFT WORK.
- REMOVE PLASTER WRAP AT COLUMN IN ORDER TO EXPOSE STEEL TO RECEIVE 2 HR RATED INTUMESCENT COATING AS REQUIRED. SEE NEW WORK PLANS AND DETAIL A/AD.3.
- EXISTING ELEVATORS TO BE REMOVED.
- EXISTING CONTEMPORARY SUSPENDED SLATED CEILING TO BE REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT CONSTRUCTION. REINSTALL CEILING.
- WIDEN EXISTING ELEVATOR DOOR OPENING IN CLAY TILE SHAFT WALL AS NECESSARY TO ACCOMMODATE NEW ELEVATOR DOOR IN NEW CMU SHAFT WALL. COORDINATE ROUGH OPENING DIMENSION WITH ELEVATOR MANUFACTURER. PREP FOR REINF.
- PORTION OF EXISTING STEEL BEAM TO BE REMOVED FOR CONSTRUCTION OF NEW ELEVATOR SHAFT. REFER TO STRUCTURAL DRAWING. ANY REMAINING EXPOSED STEEL TO RECEIVE 2 HR RATED INTUMESCENT COATING WITH THICKNESS AS REQUIRED FOR RATING - TYPICAL FOR ALL EXPOSED STEEL IN BUILDING. SEE NEW WORK PLANS AND DETAIL A/AD.3.

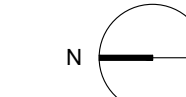
DEMOLITION PLAN GRAPHIC LEGEND



FLOOR 11.5 DEMOLITION PLAN
 2
 A2.11 1/4" = 1'-0"



ELEVENTH FLOOR DEMOLITION PLAN
 1
 A2.11 1/4" = 1'-0"



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ELEVENTH FLOOR
 DEMOLITION PLAN

A2.11

HISTORIC GENERAL NOTES

- ALL TILE FLOORING, EXPOSED OR CURRENTLY COVERED BY CONTEMPORARY FLOOR FINISHES, IN ELEVATOR LOBBIES, CORRIDORS, AND WITHIN OFFICE AREAS TO REMAIN IN PLACE.
- NOTIFY ARCHITECT TO REVIEW FLOORING AFTER EXISTING CONTEMPORARY FLOORING IS REMOVED.
- PAINTED WOOD WINDOW CASING IS TYPICALLY PRESENT AT EXTERIOR OPENINGS (NOT ILLUSTRATED). WINDOW CASING IS TO REMAIN IN PLACE. REPAIR TO MATCH HISTORIC AS REQ'D. PRIME AND PAINT. CONTRACTOR SHALL REPAIR WINDOW CASING, SILLS, AND APRONS IN DWELLING UNITS AND COMMON SPACES TO MATCH HISTORIC CONDITION. CASING AND APRONS ARE TYPICALLY PRESENT. APRONS ARE TYPICALLY MISSING OR DAMAGED DUE TO PREVIOUS INSTALLATION OF RADIACTOR COVERS. PROVIDE NEW WINDOW CASING, SILLS, AND APRONS TO CLOSELY MATCH HISTORIC PROFILES WHERE HISTORIC ELEMENTS ARE MISSING OR DAMAGED. PRIME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.
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HISTORIC KEYED NOTES

- A. MARBLE WAINSCOT TO REMAIN.
- A.1. MARBLE WAINSCOT PANELS TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHaft / TRASH ROOM CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH EXISTING CONFIGURATION EXCESS SALVAGED MARBLE TO BE APPLIED WHERE MISSING AT SOUTH WALL OF SECOND FLOOR LOBBY.
- B. MARBLE WINDOW SILL OR DOOR THRESHOLD TO REMAIN.
- C. MARBLE THRESHOLD TO BE REMOVED.
- D. PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED WHERE INDICATED ON PLANS. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (NOT ILLUSTRATED). CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS AND INSTALL IN MISSING PERIMETER EXTERIOR WALL LOCATIONS. CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD BASEBOARD TO MATCH HISTORIC BASEBOARD PROFILE AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES AT REMAINING LOCATIONS WHERE HISTORIC BASEBOARD IS MISSING OR THE SALVAGED WOOD BASEBOARD CANNOT BE REINSTALLED. NEW BASEBOARD ON INTERIOR WALLS WILL NOT MATCH HISTORIC PROFILE. PRIME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.
- D.1. PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED FOR REINSTALLATION IN SAME LOCATION WHERE STILL EXPOSED AFTER NEW FLOOR INFILL / NEW WALL CONSTRUCTION WITHIN FLOOR 11.5. MARBLE TILE LIBRARY STORAGE ROOM. PRIME AND PAINT. COLOR TO BE SELECTED BY ARCHITECT.
- E. PAINTED WOOD PICTURE RAIL TO REMAIN. CONTRACTOR SHALL REPAIR HISTORIC PICTURE RAIL AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS. SALVAGE WOOD PICTURE RAIL AT INTERIOR OFFICE WALLS AND INSTALL IN MISSING PERIMETER WALL LOCATIONS. AT REMAINING MISSING LOCATIONS, CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD PICTURE RAIL TO MATCH HISTORIC PICTURE RAIL PROFILE AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS WHERE ANY HISTORIC PICTURE RAIL IS PRESENT (TO COMPLETE THE EXTERIOR WALLS). DO NOT INSTALL NEW PICTURE RAIL INSIDE OF DWELLING UNITS WHERE NO HISTORIC PICTURE RAIL IS PRESENT.
- E.1. PAINTED WOOD PICTURE RAIL TO REMAIN WHERE STILL EXPOSED AFTER NEW WALL CONSTRUCTION WITHIN FLOOR 11.5. MARBLE TILE LIBRARY STORAGE ROOM. SALVAGE WOOD PICTURE RAIL AT WALL LOCATIONS NOW COVERED BY NEW SHaft WALL CONSTRUCTION AND REINSTALL IF MISSING AT EXISTING EXPOSED WALLS WITHIN THE ROOM.
- F. PAINTED WOOD PICTURE RAIL TO BE REMOVED. SEE HISTORIC KEYED NOTE.
- G. PAINTED WOOD CROWN MOULD TO BE REMOVED.
- H. PAINTED WOOD DOOR TRANSOM TO BE REMOVED.
- I. PAINTED WOOD DOOR CASING TO BE REMOVED.
- J. COVE CEILING REMNANT TO BE REMOVED.
- K. MALL CHUTE AND MARBLE TO REMAIN.
- L. EXISTING CLAY TILE SHaft WALL, MARBLE WALL PANELS AND MARBLE SURROUND TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHaft CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH CONFIGURATION.
- M. HISTORIC PLASTER CEILING ABOVE CONTEMPORARY SUSPENDED CEILING TO REMAIN INTACT WITH NO DAMAGE DURING CONSTRUCTION.
- N. HISTORIC METAL ELEVATOR DOORS, METAL PANEL ABOVE DOORS, AND METAL STOP INDICATOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CAB/ELEVATOR SHaftS AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENING/HISTORIC MARBLE SURROUND.
- O. HISTORIC METAL ELEVATOR DOORS AND METAL PANEL ABOVE DOOR TO BE REMOVED. HISTORIC METAL STOP INDICATOR TO BE CAREFULLY REMOVED AND SALVAGED FOR REINSTALLATION IN NEW METAL PANEL.
- P. HISTORIC STEEL ELEVATOR DOOR AND FRAME TO BE REMOVED.
- Q. HISTORIC METAL ELEVATOR DOOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CAB/ELEVATOR SHaft AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENING AND HISTORIC METAL FRAME.
- R. HISTORIC ELEVATOR DOOR TO BE REMOVED TO ACCOMMODATE NEW FIRE-RATED ELEVATOR DOOR. HISTORIC FRAME TO REMAIN.
- S. HISTORIC ACCESS DOOR TO REMAIN. DOOR TO BE FIXED SHUT IN THE CLOSED POSITION.
- T. HISTORIC DOOR TO REMAIN IN PLACE.
- U. HISTORIC WOOD FINISHED FLOORING IS TO BE REMOVED AND SALVAGED FOR REINSTALLATION AFTER NEW FLOOR STRUCTURE INFILL.

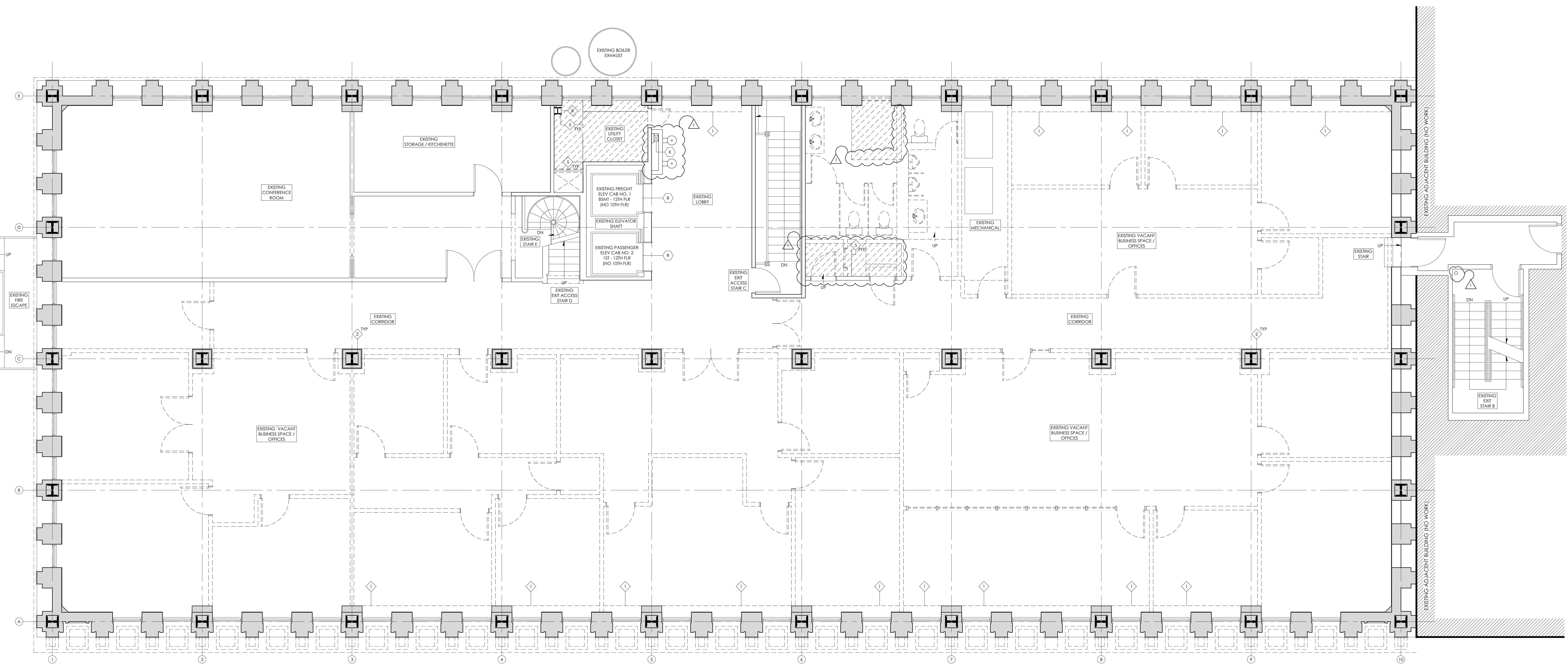
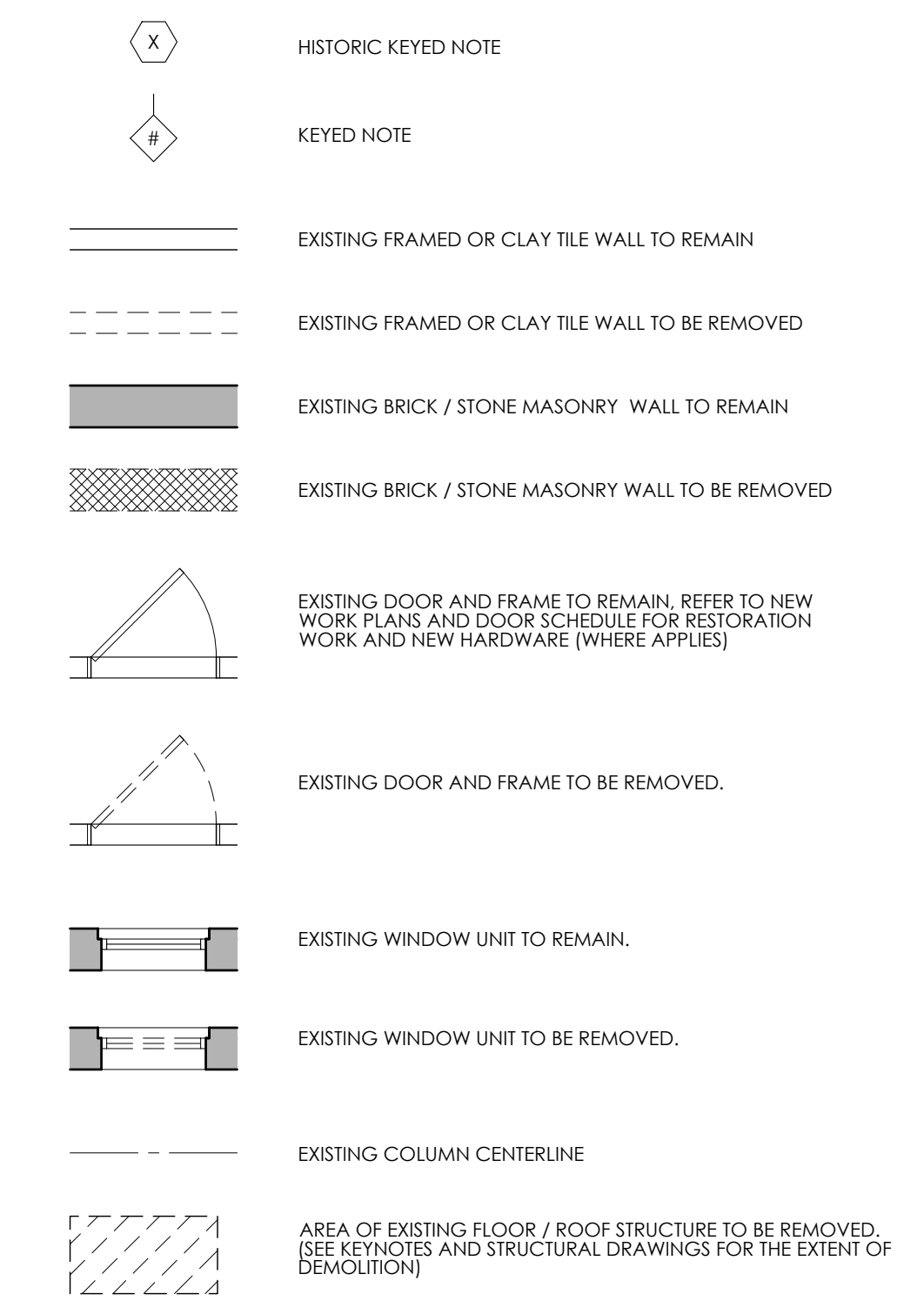
DEMOLITION PLAN GENERAL NOTES

- THE 11TH FLOOR LIBRARY AND ASSOCIATED 12TH FLOOR CONFERENCE ROOM WILL REMAIN IN OPERATION DURING RENOVATION WORK. MAINTAIN ALL EXIT COMPONENTS INCLUDING EXIT SIGNS, EXIT SHaft ENCLOSURES, LIGHTING, FIRE ALARMS, FIRE SUPPRESSION, ETC. CONTRACTOR TO COORDINATE WITH TENANT AND BUILDING INSPECTOR AS NECESSARY.
- ALL DASHED ELEMENTS TO BE REMOVED. U.N.O. CONSULT ARCHITECT IF NOT CLEAR.
- ALL LOAD BEARING STRUCTURAL ELEMENTS ARE TO REMAIN. U.N.O. WHERE EXISTING STRUCTURE IS NOTED TO BE REMOVED, OR MAJOR OPENINGS ARE CREATED OR MODIFIED, SHORE AND BRACE EXISTING BUILDING AS REQUIRED.
- REMOVE ALL EXISTING SUSPENDED CEILING.
- REMOVE ALL EXISTING CARPET, VINYL, FLOOR TILE AND VINYL WALL BASE. ARCHITECT TO REVIEW FLOORING AFTER CONTEMPORARY FINISHES ARE REMOVED.
- REMOVE EXISTING NON-FUNCTIONING MECHANICAL, ELECTRICAL, PLUMBING, INCLUDING DUCTWORK, RADIACTORS, PIPING, CONDUIT, HANGERS, ETC. CAP/TERMINATE AS REQUIRED. ALL MATERIALS THAT PENETRATE WALL, CEILING, OR FLOORS TO BE CUT/FINISH AND GROUND SMOOTH. SURROUNDING FINISH MATERIALS TO NOT BE DAMAGED.
- REMOVE ALL EXISTING LIGHT FIXTURES AND ALL ASSOCIATED CONDUIT.
- REMOVE ALL NON-HISTORIC BUILT INS.
- EXISTING ELEVATOR HOISTWAYS, ELEVATORS, AND SHaft WALLS TO REMAIN AT NORTH SIDE OF LOBBY.
- EXISTING PLASTER CEILING ABOVE DROP CEILING ARE TO REMAIN. TAKE CARE AND PROTECT THESE SURFACES DURING WORK.
- ALL EXISTING HISTORIC WOOD WINDOW TRIM (IF PRESENT) TO REMAIN AT FLOORS 2-11. U.N.O.
- ALL OTHER EXISTING TRIM SUCH AS CHAIR RAILS, PICTURE RAILS, AND BASEBOARD SHALL BE MAINTAINED OR REMOVED AS NOTED ON PLANS. ANY REMOVED TRIM SHALL BE SALVAGED FOR INFILL. ARCHITECT TO BE NOTIFIED OF ANY HISTORIC TRIM FOUND DURING DEMOLITION NOT SHOWN ON PLANS. CONTACT ARCHITECT FOR DIRECTION IF ANY ADDITIONAL HISTORIC ELEMENTS ARE DISCOVERED DURING DEMOLITION.

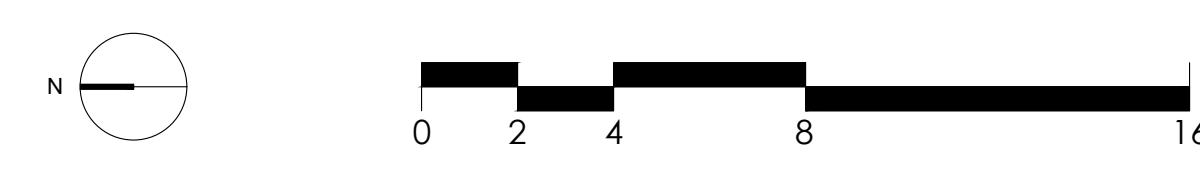
DEMOLITION PLAN KEYED NOTES

- EXISTING FURNING AND RADIACTOR COVERS TO BE REMOVED. ALL WOOD BASEBOARD, WINDOW SILLS / APRONS / TRIM AT PERIMETER WALLS AND BEHIND FURNING TO REMAIN IN PLACE.
- EXISTING CLAY TILE AND PLASTER COLUMN ENCLOSURES AND STEEL COLUMNS TO REMAIN. FURNING AND DRYWALL AROUND COLUMNS TO BE REMOVED AS INDICATED ON DEMOLITION PLANS. CONTRACTOR TO ASSESS CONDITION OF PLASTER AND CLAY TILE ENCLOSURES IN ORDER TO DETERMINE NECESSARY UPGRADES.
- EXISTING NON-RATED ELEVATOR DOOR TO REMAIN.
- EXISTING ELEVATOR PLATFORM LIFT TO REMAIN.
- EXISTING EXPOSED STEEL COLUMN / BEAM TO REMAIN. U.N.O. PROVIDE 2 HR RATED INTUMESCENT COATING WITH THICKNESS AS REQUIRED FOR RATING - TYPICAL FOR ALL EXPOSED STEEL IN BUILDING. SEE NEW WORK PLANS AND DETAIL 6/A.0.3.
- REMOVE EXISTING ELEVATOR EQUIPMENT, CONCRETE SLAB, MASONRY WALLS, ETC. AS NECESSARY TO CONSTRUCT NEW ELEVATOR SHaft / SHaft AND NEW TRASH CHUTE / TRASH CHUTE DISCHARGE ROOM.
- STABILIZE EXISTING STAIR AS NECESSARY AS PART OF NEW ELEVATOR SHaft / SHaft WORK.
- REMOVE PLASTER WRAP AT COLUMN IN ORDER TO EXPOSE STEEL TO RECEIVE 2 HR RATED INTUMESCENT COATING AS REQUIRED. SEE NEW WORK PLANS AND DETAIL 6/A.0.3.
- (B) EXISTING ELEVATORS TO BE REMOVED.
- EXISTING CONTEMPORARY SUSPENDED SLATED CEILING TO BE REMOVED AS NECESSARY FOR NEW ELEVATOR SHaft CONSTRUCTION. REINSTALL CEILING.
- WIDEN EXISTING ELEVATOR DOOR OPENING IN CLAY TILE SHaft WALL AS NECESSARY TO ACCOMMODATE NEW ELEVATOR DOOR IN NEW CMU SHaft WALL. COORDINATE ROUGH OPENING DIMENSION WITH ELEVATOR MANUFACTURER. PREP FOR INFILL.
- PORTION OF EXISTING STEEL BEAM TO BE REMOVED FOR CONSTRUCTION OF NEW ELEVATOR SHaft. REFER TO STRUCTURAL DRAWING. ANY REMAINING EXPOSED STEEL TO RECEIVE 2 HR FIRE-RATED INTUMESCENT COATING WITH THICKNESS AS REQUIRED FOR RATING - TYPICAL FOR ALL EXPOSED STEEL IN BUILDING. SEE NEW WORK PLANS AND DETAIL 6/A.0.3.

DEMOLITION PLAN GRAPHIC LEGEND



TWELFTH FLOOR DEMOLITION PLAN
 1/4" = 1'-0"



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ISSUE LOG:
 08.17.2022
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 10.27.2022
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TWELFTH FLOOR
 DEMOLITION PLAN

A2.12

HISTORIC GENERAL NOTES

- ALL TILE FLOORING, EXPOSED OR CURRENTLY COVERED BY CONTEMPORARY FLOOR FINISHES, IN ELEVATOR LOBBIES, CORRIDORS, AND WITHIN OFFICE AREAS TO REMAIN IN PLACE.
- NOTIFY ARCHITECT TO REVIEW FLOORING AFTER EXISTING CONTEMPORARY FLOORING IS REMOVED.
- PAINTED WOOD WINDOW CASING IS TYPICALLY PRESENT AT EXTERIOR OPENINGS (NOT ILLUSTRATED). WINDOW CASINGS TO REMAIN IN PLACE. REPAIR TO MATCH HISTORIC AS REG'D. PRIME AND PAINT. CONTRACTOR SHALL REPAIR WINDOW CASING, SILLS, AND APRONS IN DWELLING UNITS AND COMMON SPACES TO MATCH HISTORIC CONDITION. CASING AND SILLS ARE TYPICALLY PRESENT. APRONS ARE TYPICALLY MISSING OR DAMAGED DUE TO PREVIOUS INSTALLATION OF RADIACTOR COVERS. PROVIDE NEW WINDOW CASING, SILLS AND APRONS TO CLOSELY MATCH HISTORIC PROFILES WHERE HISTORIC ELEMENTS ARE MISSING OR DAMAGED. PRIME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.
- PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED WHERE INDICATED ON PLANS. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (NOT ILLUSTRATED). CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS AND INSTALL IN MISSING PERIMETER EXTERIOR WALL LOCATIONS. CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD BASEBOARD TO MATCH HISTORIC BASEBOARD PROFILE AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES AT REMAINING LOCATIONS WHERE HISTORIC BASEBOARD IS MISSING OR THE SALVAGED WOOD BASEBOARD CAN NOT BE REINSTALLED. NEW BASEBOARD ON INTERIOR WALLS WILL NOT MATCH HISTORIC PROFILE. PRIME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.

HISTORIC KEYED NOTES

- A. MARBLE WAINSCOT TO REMAIN.
- A.1. MARBLE WAINSCOT PANELS TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHaft / TRASH ROOM CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH EXISTING CONFIGURATION EXCESS SALVAGED MARBLE TO BE APPLIED WHERE MISSING AT SOUTH WALL OF SECOND FLOOR LOBBY.
- B. MARBLE WINDOW SILL OR DOOR THRESHOLD TO REMAIN.
- C. MARBLE THRESHOLD TO BE REMOVED.
- D. PAINTED WOOD BASEBOARDS TO BE REMOVED/SALVAGED WHERE INDICATED ON PLANS. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (NOT ILLUSTRATED). CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES. SALVAGE WOOD BASEBOARD AT INTERIOR OFFICE WALLS AND INSTALL IN MISSING PERIMETER EXTERIOR WALL LOCATIONS. CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD BASEBOARD TO MATCH HISTORIC BASEBOARD PROFILE AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES AT REMAINING LOCATIONS WHERE HISTORIC BASEBOARD IS MISSING OR THE SALVAGED WOOD BASEBOARD CAN NOT BE REINSTALLED. NEW BASEBOARD ON INTERIOR WALLS WILL NOT MATCH HISTORIC PROFILE. PRIME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.
- D.1. PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED FOR REINSTALLATION IN SAME LOCATION WHERE STILL EXPOSED AFTER NEW FLOOR INFILL / NEW WALL CONSTRUCTION WITHIN FLOOR 11.5 MERICANTILE LIBRARY STORAGE ROOM. PRIME AND PAINT. COLOR TO BE SELECTED BY ARCHITECT.
- E. PAINTED WOOD PICTURE RAIL TO REMAIN. CONTRACTOR SHALL REPAIR HISTORIC PICTURE RAIL AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS. SALVAGE WOOD PICTURE RAIL AT INTERIOR OFFICE WALLS AND INSTALL IN MISSING PERIMETER WALL LOCATIONS. AT REMAINING MISSING LOCATIONS, CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD PICTURE RAIL TO MATCH HISTORIC PICTURE RAIL PROFILE AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS WHERE ANY HISTORIC PICTURE RAIL IS PRESENT (TO COMPLETE THE EXTERIOR WALLS). DO NOT INSTALL NEW PICTURE RAIL INSIDE OF DWELLING UNITS WHERE NO HISTORIC PICTURE RAIL IS PRESENT.
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- F. PAINTED WOOD PICTURE RAIL TO BE REMOVED. SALVAGE. SEE HISTORIC KEYED NOTE.
- G. PAINTED WOOD CROWN MOULD TO BE REMOVED.
- H. PAINTED WOOD DOOR TRANSOM TO BE REMOVED.
- I. PAINTED WOOD DOOR CASING TO BE REMOVED.
- J. COVE CEILING REMNANT TO BE REMOVED.
- K. MALL CHUTE AND MARBLE TO REMAIN.
- L. EXISTING CLAY TILE SHaft WALL, MARBLE WALL PANELS AND MARBLE SURROUND TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHaft CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH CONFIGURATION.
- M. HISTORIC PLASTER CEILING ABOVE CONTEMPORARY SUSPENDED CEILING TO REMAIN INTACT WITH NO DAMAGE DURING CONSTRUCTION.
- N. HISTORIC METAL ELEVATOR DOORS, METAL PANEL ABOVE DOORS, AND METAL STOP INDICATOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CMU ELEVATOR SHafts AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENING/HISTORIC MARBLE SURROUND.
- O. HISTORIC METAL ELEVATOR DOORS AND METAL PANEL ABOVE DOOR TO BE REMOVED. HISTORIC METAL STOP INDICATOR TO BE CAREFULLY REMOVED AND SALVAGED FOR REINSTALLATION IN NEW METAL PANEL.
- P. HISTORIC STEEL ELEVATOR DOOR AND FRAME TO BE REMOVED.
- Q. HISTORIC METAL ELEVATOR DOOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CMU ELEVATOR SHaft AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENING AND HISTORIC METAL FRAME.
- R. HISTORIC ELEVATOR DOOR TO BE REMOVED TO ACCOMMODATE NEW FIRE-RATED ELEVATOR DOOR. HISTORIC FRAME TO REMAIN.
- S. HISTORIC ACCESS DOOR TO REMAIN. DOOR TO BE FIXED SHaft IN THE CLOSED POSITION.
- T. HISTORIC DOOR TO REMAIN IN PLACE.
- U. HISTORIC WOOD FINISHED FLOORING IS TO BE REMOVED AND SALVAGED FOR REINSTALLATION AFTER NEW FLOOR STRUCTURE INFILL.

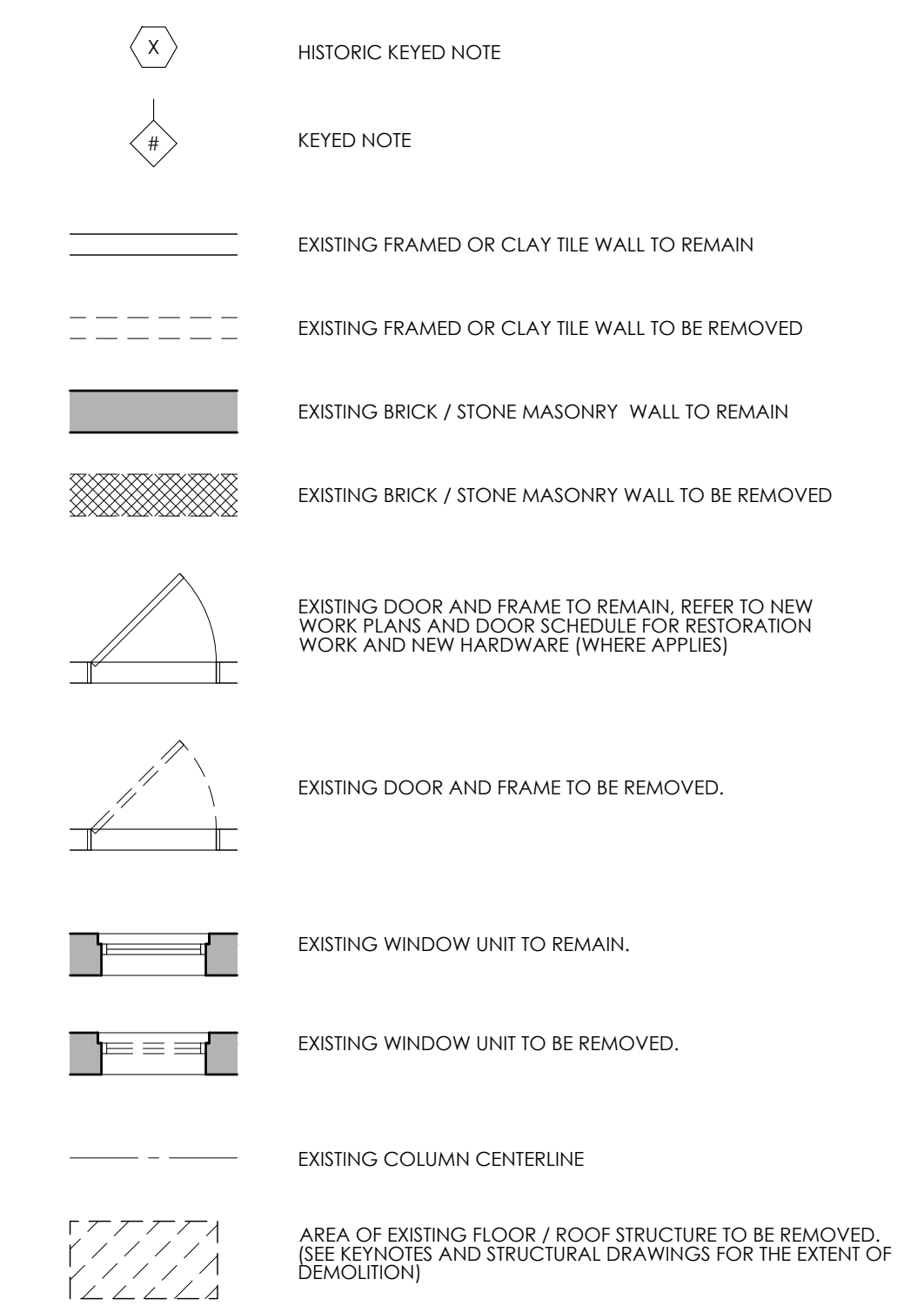
DEMOLITION PLAN GENERAL NOTES

- THE 11TH FLOOR LIBRARY AND ASSOCIATED 12TH FLOOR CONFERENCE ROOM WILL REMAIN IN OPERATION DURING RENOVATION WORK. MAINTAIN ALL EXIT COMPONENTS INCLUDING EXIT SIGNS, EXIT SHaIR ENCLOSURES, LIGHTING, FIRE ALARMS, FIRE SUPPRESSION, ETC. CONTRACTOR TO COORDINATE WITH TENANT AND BUILDING INSPECTOR AS NECESSARY.
- ALL DASHED ELEMENTS TO BE REMOVED. U.N.O. CONSULT ARCHITECT IF NEEDED IS UNCLEAR.
- ALL LOAD BEARING STRUCTURAL ELEMENTS ARE TO REMAIN. U.N.O. WHERE EXISTING STRUCTURE IS NOTED TO BE REMOVED, OR MAJOR OPENINGS ARE CREATED OR MODIFIED, SHORE AND BRACE EXISTING BUILDING AS REQUIRED.
- REMOVE ALL EXISTING SUSPENDED CEILING.
- REMOVE ALL EXISTING CARPET, VINYL, FLOOR TILE AND VINYL WALL BASE. ARCHITECT TO REVIEW FLOORING AFTER CONTEMPORARY FINISHES ARE REMOVED.
- REMOVE EXISTING NON-FUNCTIONING MECHANICAL, ELECTRICAL, PLUMBING, INCLUDING DUCTWORK, RADIACTORS, PIPING, CONDUIT, HANGERS, ETC. CAP/TERMINATE AS REQUIRED. ALL MATERIALS THAT PENETRATE WALL, CEILING, OR FLOORS TO BE CUT FLUSH AND GROUND SMOOTH. SURROUNDING FINISH MATERIALS TO NOT BE DAMAGED.
- REMOVE ALL EXISTING LIGHT FIXTURES AND ALL ASSOCIATED CONDUIT.
- REMOVE ALL NON-HISTORIC BELT RAS.
- EXISTING ELEVATOR HOISTWAYS, ELEVATORS, AND SHaft WALLS TO REMAIN AT NORTH SIDE OF LOBBY.
- EXISTING PLASTER CEILING ABOVE DROP CEILING ARE TO REMAIN. TAKE CARE AND PROTECT THESE SURFACES DURING WORK.
- ALL EXISTING HISTORIC WOOD WINDOW TRIM (IF PRESENT) TO REMAIN AT FLOORS 2-13. U.N.O.
- ALL OTHER EXISTING TRIM SUCH AS CHAIR RAILS, PICTURE RAILS, AND BASEBOARD SHALL BE MAINTAINED OR REMOVED AS NOTED ON PLANS. ANY REMOVED TRIM SHALL BE SALVAGED FOR INFILL. ARCHITECT TO BE NOTIFIED OF ANY HISTORIC TRIM FOUND DURING DEMOLITION NOT SHOWN ON PLANS. CONTACT ARCHITECT FOR DIRECTION IF ANY ADDITIONAL HISTORIC ELEMENTS ARE DISCOVERED DURING DEMOLITION.

DEMOLITION PLAN KEYED NOTES

- EXISTING FURNING AND RADIACTOR COVERS TO BE REMOVED. ALL WOOD BASEBOARD, WINDOW SILLS / APRONS / TRIM AT PERIMETER WALLS AND BEHIND FURNING TO REMAIN IN PLACE.
- EXISTING CLAY TILE AND PLASTER COLUMN ENCLOSURES AND STEEL COLUMNS TO REMAIN. FURNING AND DRYWALL AROUND COLUMNS TO BE REMOVED AS INDICATED ON DEMOLITION PLANS. CONTRACTOR TO ASSESS CONDITION OF PLASTER AND CLAY TILE ENCLOSURES IN ORDER TO DETERMINE NECESSARY UPGRADES.
- EXISTING NON-RATED ELEVATOR DOOR TO REMAIN.
- EXISTING ELEVATOR PLATFORM LIFT TO REMAIN.
- EXISTING EXPOSED STEEL COLUMN / BEAM TO REMAIN. U.N.O. PROVIDE 2 HR RATED INTUMESCENT COATING WITH THICKNESS AS REQUIRED FOR RATING - TYPICAL FOR ALL EXPOSED STEEL IN BUILDING. SEE NEW WORK PLANS AND DETAIL 6/A.D.3.
- REMOVE EXISTING ELEVATOR EQUIPMENT, CONCRETE SLAB, MASONRY WALLS, ETC. AS NECESSARY TO CONSTRUCT NEW ELEVATOR SHaft / SHaft AND NEW TRASH CHUTE / TRASH CHUTE DISCHARGE ROOM.
- STABILIZE EXISTING STAIR AS NECESSARY AS PART OF NEW ELEVATOR SHaft / SHaft WORK.
- REMOVE PLASTER WRAP AT COLUMN IN ORDER TO EXPOSE STEEL TO RECEIVE 2 HR RATED INTUMESCENT COATING AS REQUIRED. SEE NEW WORK PLANS AND DETAIL 6/A.D.3.
- (3) EXISTING ELEVATORS TO BE REMOVED.
- EXISTING CONTEMPORARY SUSPENDED SLATTED CEILING TO BE REMOVED AS NECESSARY FOR NEW ELEVATOR SHaft CONSTRUCTION. REINSTALL CEILING.
- WIDEN EXISTING ELEVATOR DOOR OPENING IN CLAY TILE SHaft WALL AS NECESSARY TO ACCOMMODATE NEW ELEVATOR DOOR IN NEW CMU SHaft WALL. COORDINATE ROUGH OPENING DIMENSION WITH ELEVATOR MANUFACTURER. PREP FOR INFILL.
- PORTION OF EXISTING STEEL BEAM TO BE REMOVED FOR CONSTRUCTION OF NEW ELEVATOR SHaft. REFER TO STRUCTURAL DRAWING. ANY REMAINING EXPOSED STEEL TO RECEIVE 2 HR RATED INTUMESCENT COATING WITH THICKNESS AS REQUIRED FOR RATING - TYPICAL FOR ALL EXPOSED STEEL IN BUILDING. SEE NEW WORK PLANS AND DETAIL 6/A.D.3.

DEMOLITION PLAN GRAPHIC LEGEND



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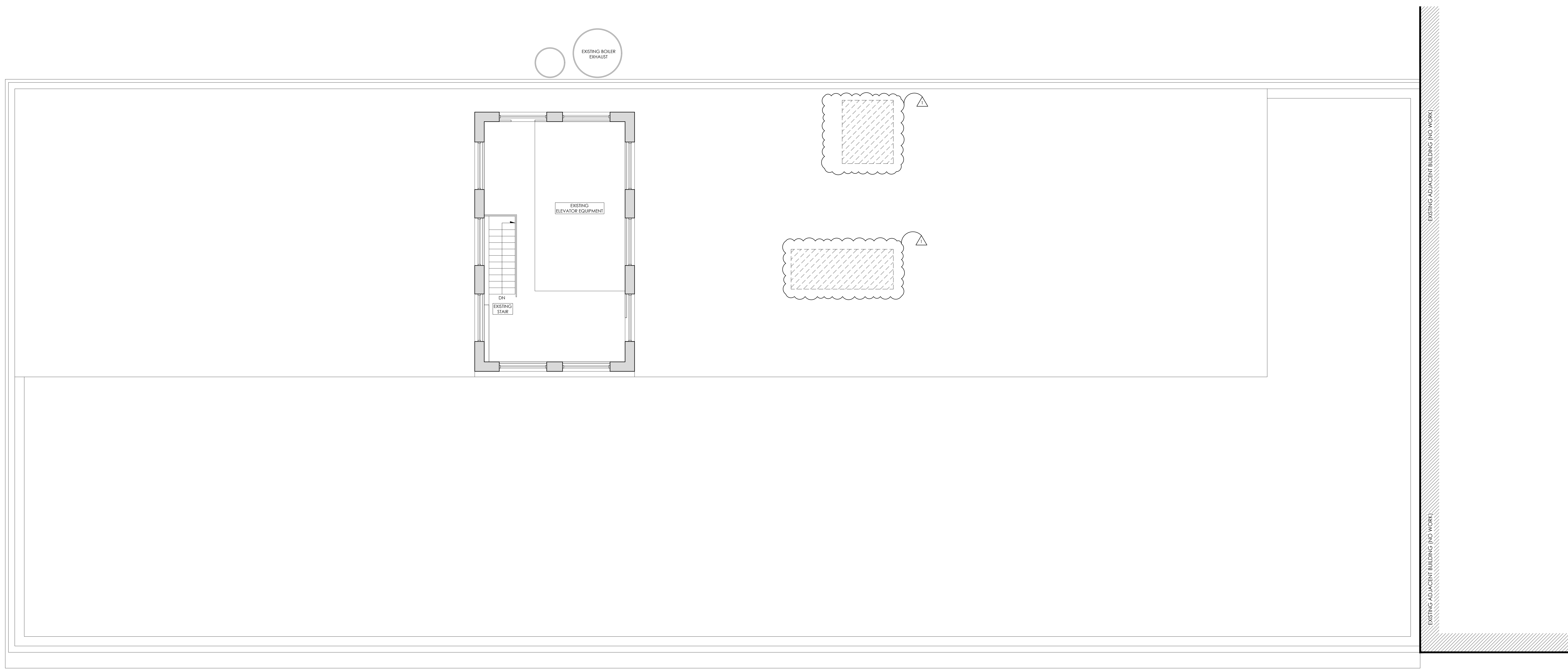
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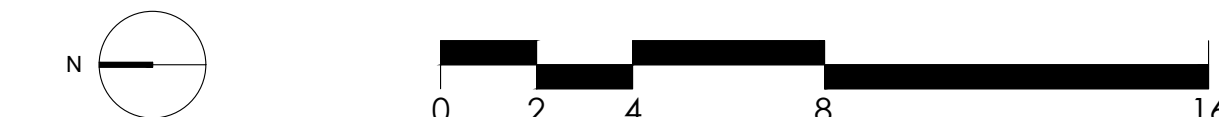
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PERMIT REVISION 1

PENTHOUSE / ROOF
DEMOLITION PLAN

A2.14



PENTHOUSE / ROOF DEMOLITION PLAN
1/4" = 1'-0"



HISTORIC GENERAL NOTES

- ALL TILE FLOORING, EXPOSED OR CURRENTLY COVERED BY CONTEMPORARY FLOOR FINISHES, IN ELEVATOR LOBBIES, CORRIDORS, AND WITHIN OFFICE AREAS TO REMAIN IN PLACE.
- NOTIFY ARCHITECT TO REVIEW FLOORING AFTER EXISTING CONTEMPORARY FLOORING IS REMOVED.
- PAINTED WOOD WINDOW CASING IS TYPICALLY PRESENT AT EXTERIOR OPENINGS (SEE ILLUSTRATED). WINDOW CASING IS TO REMAIN IN PLACE. REPAIR TO MATCH HISTORIC AS REQD. FRAME AND PAINT. CONTRACTOR SHALL REPAIR WINDOW CASING, SILLS AND ARCHES IN DWELLING UNITS AND COMMON SPACES TO MATCH HISTORIC CONDITION. CASING AND SILLS ARE TYPICALLY PRESENT. APRONS ARE TYPICALLY MISSING OR DAMAGED DUE TO PREVIOUS INSTALLATION OF RADIATOR COVERS. PROVIDE NEW WINDOW CASING, SILLS AND ARCHES TO MOST CLOSELY MATCH HISTORIC PROFILES WHERE HISTORIC ELEMENTS ARE MISSING OR DAMAGED. FRAME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.
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- E.1. PAINTED WOOD PICTURE RAIL TO REMAIN WHERE STILL EXPOSED AFTER NEW WALL CONSTRUCTION WITHIN FLOOR 11.5 MERCANTILE LIBRARY STORAGE ROOM. SALVAGE WOOD PICTURE RAIL AT WALL LOCATIONS NOW COVERED BY NEW SHAFR WALL CONSTRUCTION AND REINSTALL IF MISSING AT EXISTING EXPOSED WALLS WITHIN THE ROOM.
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- K. MALL CHUTE AND MARBLE TO REMAIN.
- L. EXISTING CLAY TILE SHAFR WALL, MARBLE WALL PANELS AND MARBLE SURROUND TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFR CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH CONFIGURATION.
- M. HISTORIC PLASTER CEILING ABOVE CONTEMPORARY SUSPENDED CEILING TO REMAIN INTACT WITH NO DAMAGE DURING CONSTRUCTION.
- N. HISTORIC METAL ELEVATOR DOORS, METAL PANEL ABOVE DOORS, AND METAL STOP INDICATOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CHUTE ELEVATOR SHAFRS AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENINGS/HISTORIC MARBLE SURROUND.
- O. HISTORIC METAL ELEVATOR DOORS AND METAL PANEL ABOVE DOOR TO BE REMOVED. HISTORIC METAL STOP INDICATOR TO BE CAREFULLY REMOVED AND SALVAGED FOR REINSTALLATION IN NEW METAL PANEL.
- P. HISTORIC STEEL ELEVATOR DOOR AND FRAME TO BE REMOVED.
- Q. HISTORIC METAL ELEVATOR DOOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CHUTE ELEVATOR SHAFR AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENING AND HISTORIC METAL FRAME.
- R. HISTORIC ELEVATOR DOOR TO BE REMOVED TO ACCOMMODATE NEW FIRE-RATED ELEVATOR DOOR.
- S. HISTORIC ACCESS DOOR TO REMAIN. DOOR TO BE KEPT SHUT IN THE CLOSED POSITION.
- T. HISTORIC DOOR TO REMAIN IN PLACE.
- U. HISTORIC WOOD FINISHED FLOORING IS TO BE REMOVED AND SALVAGED FOR REINSTALLATION AFTER NEW FLOOR STRUCTURE INFILL.

HISTORIC KEYED NOTES

- A. MARBLE WAINSCOT TO REMAIN.
- A.1. MARBLE WAINSCOT PANELS TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFR / TRASH ROOM CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH EXISTING CONFIGURATION. EXCESS SALVAGED MARBLE TO BE APPLIED WHERE MISSING AT SOUTH WALL OF SECOND FLOOR LOBBY.
- B. MARBLE WINDOW SILL OR DOOR THRESHOLD TO REMAIN.
- C. MARBLE THRESHOLD TO BE REMOVED.
- D. PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED WHERE INDICATED ON PLANS. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (SEE ILLUSTRATED). CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS AND INSTALL IN MISSING PERIMETER EXTERIOR WALL LOCATIONS. CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD BASEBOARD TO MATCH HISTORIC BASEBOARD PROFILE AT PERIMETER EXTERIOR WALLS AND IN MISSING PERIMETER EXTERIOR WALL LOCATIONS. CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD BASEBOARD TO MATCH HISTORIC BASEBOARD PROFILE AT PERIMETER EXTERIOR WALLS AND IN MISSING PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS WHERE ANY HISTORIC PICTURE RAIL IS PRESENT TO COMPLETE THE EXTERIOR WALLS. DO NOT INSTALL NEW PICTURE RAIL INSIDE OF DWELLING UNITS WHERE NO HISTORIC PICTURE RAIL IS PRESENT.
- E.1. PAINTED WOOD PICTURE RAIL TO REMAIN WHERE STILL EXPOSED AFTER NEW WALL CONSTRUCTION WITHIN FLOOR 11.5 MERCANTILE LIBRARY STORAGE ROOM. SALVAGE WOOD PICTURE RAIL AT WALL LOCATIONS NOW COVERED BY NEW SHAFR WALL CONSTRUCTION AND REINSTALL IF MISSING AT EXISTING EXPOSED WALLS WITHIN THE ROOM.
- F. PAINTED WOOD PICTURE RAIL TO BE REMOVED. SALVAGE. SEE HISTORIC KEYED NOTE.
- G. PAINTED WOOD CROWN MOULD TO BE REMOVED.
- H. PAINTED WOOD DOOR TRANSOM TO BE REMOVED.
- I. PAINTED WOOD DOOR CASING TO BE REMOVED.
- J. COVE CEILING REMNANT TO BE REMOVED.
- K. MALL CHUTE AND MARBLE TO REMAIN.
- L. EXISTING CLAY TILE SHAFR WALL, MARBLE WALL PANELS AND MARBLE SURROUND TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFR CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH CONFIGURATION.
- M. HISTORIC PLASTER CEILING ABOVE CONTEMPORARY SUSPENDED CEILING TO REMAIN INTACT WITH NO DAMAGE DURING CONSTRUCTION.
- N. HISTORIC METAL ELEVATOR DOORS, METAL PANEL ABOVE DOORS, AND METAL STOP INDICATOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CHUTE ELEVATOR SHAFRS AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENINGS/HISTORIC MARBLE SURROUND.
- O. HISTORIC METAL ELEVATOR DOORS AND METAL PANEL ABOVE DOOR TO BE REMOVED. HISTORIC METAL STOP INDICATOR TO BE CAREFULLY REMOVED AND SALVAGED FOR REINSTALLATION IN NEW METAL PANEL.
- P. HISTORIC STEEL ELEVATOR DOOR AND FRAME TO BE REMOVED.
- Q. HISTORIC METAL ELEVATOR DOOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CHUTE ELEVATOR SHAFR AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENING AND HISTORIC METAL FRAME.
- R. HISTORIC ELEVATOR DOOR TO BE REMOVED TO ACCOMMODATE NEW FIRE-RATED ELEVATOR DOOR.
- S. HISTORIC ACCESS DOOR TO REMAIN. DOOR TO BE KEPT SHUT IN THE CLOSED POSITION.
- T. HISTORIC DOOR TO REMAIN IN PLACE.
- U. HISTORIC WOOD FINISHED FLOORING IS TO BE REMOVED AND SALVAGED FOR REINSTALLATION AFTER NEW FLOOR STRUCTURE INFILL.

NEW WORK GENERAL NOTES

- ALL LOAD BEARING STRUCTURAL ELEMENTS ARE TO REMAIN UNTO. WHERE EXISTING STRUCTURE IS NOTED TO BE REMOVED, OR MASONRY OPENINGS ARE CREATED OR MODIFIED, SHORE AND BRACE EXISTING BUILDING AS REQUIRED.
- EXCEPT WHERE NEW DROPPED CEILINGS ARE SHOWN, EXISTING PLASTER CEILINGS ARE TO REMAIN.
- EXISTING NON-HISTORIC STOREFRONT INFILL TO REMAIN THROUGHOUT FIRST FLOOR.
- NORTH ELEVATOR CABS AND MACHINERY TO REMAIN. PROTECT THROUGHOUT DEMOLITION AND CONSTRUCTION. SEE DEMOLITION SCHEDULE AND REPAIR AS REQUIRED.
- SEE THE AT SHEET SERIES FOR TYPICAL KITCHEN, BATHROOM, AND LAUNDRY ELEVATIONS. CEILING HEIGHTS INDICATED ARE TO UNDERSIDE OF EXISTING PLASTER FINISH.

NEW WORK KEYED NOTES

1. EXISTING NON-RATED ELEVATOR DOOR TO REMAIN.
2. VERIFY EXISTING 2-HOUR RATED WALLS AT BOTTOM OF EXISTING STAIR 'A'. THIS IS NOT AN EXIT EXISTING FROM STAIR IS ON 3RD FLOOR; THE RATING IS REQUIRED IN ORDER TO PROVIDE A CONTINUOUS FIRE-RATED STAIR ENCLOSURE.
3. NEW STEEL 1 1/2" DIAMETER HORIZONTAL, PARALLEL, AND MOUNTED 8" BE ABOVE SHAFR HORIZING AT MIN. 1 1/2" FROM WALL, WHERE CONDITIONS ALLOW. EXTEND 12" HORIZONTALLY AT TOP OF STAIR AND EXTEND DIAGONALLY (1) TREAD DEPTH AT BOTTOM, RETURN HORIZONTAL TO WALL AS SHOWN ON FLOOR PLAN (WHERE PLAN CONFIGURATION ALLOWS), OTHERWISE RETURN TO FLOOR. 2. ELIMINATE EXTEND HORIZONTALS 12" HORIZONTALLY AT TOP AND BOTTOM OF RAMP. RETURN TO WALL AS SHOWN ON FLOOR PLAN.
4. PROVIDE NEW STEEL AND LANDING AT STAIR 'B' TRANSITION FRAME AS REQUIRED WITH FRT WOOD FRAMING. LANDING ELEVATION TO MATCH EXISTING DOOR THRESHOLD ELEVATION. STEP TO BE MIN. 4" MAX. 7" RISE.
5. EXISTING EXPOSED STEEL COLUMN / BEAM TO REMAIN UNTO. PROVIDE 2-HR RATED INHIBITING COATING WITH THICKNESS AS REQUIRED FOR RATING. TYPICAL FOR ALL NEW OR EXISTING EXPOSED STEEL IN BUILDING. SEE DETAIL 6/A0.3.
6. EXISTING ELEVATOR PLATFORM LEFT TO REMAIN.
7. EXISTING FREIGHT ELEVATOR TO REMAIN AND BE USED AS PASSENGER ELEVATOR.
8. NEW 2-HR FIRE RATED MECHANICAL SHAFR (BASEMENT TO ROOF) TO ROOFTOP MECHANICAL EQUIPMENT. FIRE RATED DAMPING ARE REQUIRED AT PENETRATIONS OF SHAFR WALLS. ALL PENETRATIONS TO BE IN ACCORDANCE WITH CBC SECTION 714. MFR'S DESIGN BUILT. CONTRACTOR TO VERIFY MINIMUM SIZE.
9. NEW CONCRETE SLAB. SEE STRUCTURAL DRAWINGS. EXTENT OF NEW CONCRETE IS UNKNOWN. CONTRACTOR TO COORDINATE.
10. NEW CONCRETE SLAB. SEE STRUCTURAL DRAWINGS. EXTENT OF NEW CONCRETE IS UNKNOWN. CONTRACTOR TO COORDINATE. TOP OF NEW CONCRETE ELEVATION TO MATCH ADJACENT CONCRETE FOR LEVEL TRANSITION.
11. RESUPPORT EXISTING STAIR AS NECESSARY.
12. 2-HOUR FIRE-RATED INCLINED, ROLLING TRASH CHUTE DISCHARGE DOOR ABOVE. DOOR TO BE HELD OPEN BY RUBBER LINK. COORDINATE PRODUCT SELECTION WITH OWNER.
13. NEW CONCRETE STEPS - 7" RISE MAX. IF RISE MIN. AND 11" MIN. TREAD. FINAL LOCATION OF STEPS TO BE DETERMINED BASED ON NECESSARY EXTENTS OF NEW SLAB. MAINTAIN MINIMUM LANDING DIMENSION FROM DOOR.
14. NEW TRASH COMPACTOR. BASE DESIGN AND FRAME BEING COORDINATED WITH MANUFACTURER. TYP. AT EACH FLOOR. INSTALL TRASH CHUTE SELECTION WITH OWNER. CONTRACTOR TO VERIFY MIN. CLEARANCES AND PRODUCT REQUIREMENTS WITH MANUFACTURER'S INSTRUCTIONS. CONTRACTOR TO COORDINATE.
15. NEW TRASH CHUTE (BASEMENT TO ROOF) TO BE PROVIDED TO MATCH EXISTING TRASH CHUTE. PROVIDE DOOR WITH DISCHARGE DOORS IN NEW 2-HOUR FIRE-RATED SHAFR. 30" DIA. 1/4" GAUGE. AUTOMATED STEEL. BASE OF DESIGN - CHUTE SOURCE, LLC - GRAVITY 2 MIXED USE RUBBER CHUTE. COORDINATE PRODUCT SELECTION WITH OWNER. REFER TO SHEET A4.01.
16. NEW ELEVATOR IN NEW 2-HOUR FIRE-RATED CHUTE SHAFR. SEE STRUCTURAL DRAWINGS. NEW SHAFR SIZE AND DOOR LOCATION BASED ON KONE MONOSPACE 500. 4000. 300 PHV ELEVATOR. CONTRACTOR TO VERIFY ALL ELEVATOR REQUIREMENTS WITH ELEVATOR MANUFACTURER. PROVIDE ALL CODE REQD. ELEMENTS, INCLUDING, BUT NOT LIMITED TO SHIP RAMP, PRT LADDER, CUTLIES, SWITCHES, LIGHT FIXTURES. COORDINATE WITH MFR DESIGN-BUILT TEAM (UNDER SEPARATE PERMIT). PROVIDE ADDITIONAL TUBE MEMBERS REQD. BY KONE FOR ELEVATOR ASSEMBLY. ELEVATOR MUST ACCOMMODATE A 24" X 48" AMBULANCE STRETCHER. AS REQD BY CBC 3002.4. NEW ELEVATOR DOOR TO BE CENTERED ON THE EXISTING ELEVATOR DOOR OPENING.
17. CONTRACTOR TO COORDINATE EXACT LOCATION OF NEW SHAFR. SHAFR DEPTHS TO BE VERIFIED IN FIELD IN ORDER TO ALIGN THE NEW SHAFR WALL TO THE INNER FACE OF THE EXISTING BEAM / CLAY TILE WALL AS SHOWN. VERIFY MINIMUM CLEAR DIMENSIONS WITH ELEVATOR MANUFACTURER.
18. NEW 2-HOUR FIRE-RATED FLOOR INFILL. ALIGN NEW FLOOR STRUCTURE AND SUBFLOOR W/ EXISTING ADJACENT SUBFLOOR. SEE 2/A0.3 AND STRUCTURAL DRAWINGS.
19. NEW 2-HR FIRE RATED ELEVATOR CONTROL ROOM IN ACCORDANCE WITH CBC SECTION 3005. CONTRACTOR TO COORDINATE ADDITIONAL REQUIREMENTS WITH ELEVATOR MANUFACTURER.
20. RENTAL SUSPENDED SLATED CEILING TO MATCH EXISTING.

21. 2-HOUR FIRE RATED ASSEMBLY ABOVE AT 3RD FLOOR TO SEPARATE TRASH CHUTE SHAFR FROM 3RD - ROOF MECHANICAL SHAFR. SEE 2/A0.3 AND STRUCTURAL DRAWINGS.
22. EXISTING ROOFING TO REMAIN.
23. MECHANICAL DUCT TO ROOFTOP EQUIPMENT. CONTRACTOR TO VERIFY SIZE OF SHAFR REQUIRED AND DUCT EXTENSION / TERMINATION REQUIREMENTS.
24. CONTRACTOR TO PROVIDE SHAFR TERMINATION AT LINE OF ROOF AS REQUIRED.
25. NEW NON-COMBUSTIBLE 2-HOUR RATED FLOOR CONSTRUCTION AT EXISTING ELEVATOR ROOM. 11.3 FLOOR INFILL IS THE FIRE-RATED CAP OF THE NEW ELEVATOR SHAFR. CHUTE SHAFR TO TERMINATE AT THE UNDERSIDE OF THE NEW FLOOR STRUCTURE. REFER TO 2/A0.3 AND STRUCTURAL DRAWINGS.
26. PROVIDE NEW STEEL AND LANDING AT 10TH FLOOR STORAGE CLOSET. FRAME AS REQUIRED WITH FRT WOOD FRAMING. LANDING ELEVATION TO MATCH EXISTING DOOR THRESHOLD ELEVATION. STEPS TO BE MIN. 4" MAX. 7" RISE.
27. CONTRACTOR TO DETERMINE LOCATION / SIZE / CONFIGURATION OF EXISTING OPENING EXTERIOR WALL. PROVIDE 2-HOUR FIRE RATED INFILL AT THIS OPENING OR OTHER EXTERIOR WALL OPENINGS UNCOVERED DURING SELECTIVE DEMOLITION.
28. PROVIDE NEW SLOPE / RAMP AND LANDING AT STAIR 'B' TRANSITION. FRAME AS REQUIRED WITH FRT WOOD FRAMING. LANDING ELEVATION TO MATCH EXISTING DOOR THRESHOLD ELEVATION.
29. NEW 2-HOUR FIRE-RATED MECHANICAL SHAFR THROUGH TO ROOF (3RD FLOOR - ROOF) TO ROOFTOP MECHANICAL EQUIPMENT. FIRE RATED DAMPERS ARE REQUIRED AT PENETRATIONS OF SHAFR WALLS. ALL PENETRATIONS TO BE IN ACCORDANCE WITH CBC SECTION 714. MFR WORK DESIGN-BUILT. CONTRACTOR TO VERIFY MINIMUM SIZE.
30. PROVIDE NEW GATE AT STAIR 'A' TO PREVENT EGRESS DOWN STAIR TO LEVEL 2. GATE STYLE AND FINISH TO BE SELECTED BY OWNER / ARCHITECT. CONTRACTOR TO SECURE GATE TO FLOOR SURFACE (NOT HISTORIC MARBLE).
31. EXISTING FIRE ESCAPE ACCESS DOUBLE-HUNG WINDOW TO REMAIN. REPAIR WINDOW AS REQUIRED FOR SMOOTH AND FUNCTIONAL WINDOW OPERATION.
32. EXISTING FIRE ESCAPE 6" TO REMAIN. FIRE ESCAPE EVALUATION AND ASSOCIATED REPAIRS ARE TO BE UNDER A SEPARATE PERMIT.
33. TRASH CHUTE STEEL ANGLE FLOOR FRAME BY CHUTE MANUFACTURER. TYP. AT EACH FLOOR. INSTALL TRASH CHUTE PER MANUFACTURER'S INSTRUCTIONS. CONTRACTOR TO COORDINATE.
34. NEW STRUCTURAL CHANNELS FOR TRASH CHUTE FLOOR FRAME BEARING. MAINTAIN 3/4" CLEAR BETWEEN MEMBERS. VERIFY WITH CHUTE MANUFACTURER. CHANNELS ARE NOT REQUIRED TO BE FIRE-RATED. REFER TO SHEET A4.01 AND STRUCTURAL DRAWINGS.
35. LOWER PANEL AND LOWER BOX FOR TRASH CHUTE HORIZONTAL VENTING TO EXTERIOR AT FLOOR 10. REFER TO DETAIL 1/A0.01. COORDINATE REQUIREMENTS WITH TRASH CHUTE MANUFACTURER.
36. NEW 2 CUBIC YARD FRONT LOAD ROLLING TRASH CONTAINER. COORDINATE PRODUCT SELECTION WITH OWNER.
37. NEW 2-HOUR FIRE RATED CONCRETE SLAB ON METAL DECK FLOOR INFILL. ALIGN NEW FLOOR W/ EXISTING ADJACENT SUBFLOOR. SEE 2/A0.3 AND STRUCTURAL DRAWINGS.
38. FLOOR ORGANIZATION SYSTEMS. VERIFY CONTRACTOR TO COORDINATE.
39. NEW BUILT-IN SHELVING. CONTRACTOR TO COORDINATE WITH OWNER AND MILLWORK SUPPLIER. SEE INTERIOR ELEVATIONS.
40. NEW STANDOFF. SPRINKLER SYSTEM IS DESIGN-BUILT AND WILL BE SUBMITTED UNDER A SEPARATE PERMIT. CONTRACTOR TO VERIFY EXACT LOCATION.
41. APPROXIMATE LOCATION OF EXISTING STANDOFF. CONTRACTOR TO VERIFY. SPRINKLER SYSTEM IS DESIGN-BUILT UNDER A SEPARATE PERMIT.
42. NEW 2-HR FIRE RATED SHAFR WALL ASSEMBLY. INSTALLED HORIZONTALLY BELOW EXISTING FIRE-RATED CEILING ASSEMBLY ABOVE. TYPICAL AT ALL LOWERED CORRIDOR CEILING/3RD FLOOR. REFER TO 2/A0.3.
43. PLUMBING AND ELECTRICAL WORK FOR STAND TO BE LOCATED INSIDE CABINERY. CONTRACTOR TO COORDINATE WITH MILLWORK SUPPLIER.
44. CONTRACTOR TO VERIFY THE EXTENTS OF THE EXISTING BASED SLAB.
45. NEW WALL CONSTRUCTION CENTERED ON EXISTING HISTORIC WINDOW TRIM OR EXISTING HISTORIC PLASTER WHERE INDICATED ON PLAN. CONTRACTOR TO VERIFY HISTORIC WINDOW TRIM WILL NOT BE INTERRUPTED.
46. SOFFIT ABOVE TO ALIGN WITH EDGE OF SLATED CEILING BELOW.
47. TRASH DISCHARGE ROOM DOOR, CONTAINER, AND COMPACTOR TO BE CENTERED ON CHUTE ABOVE. CONTRACTOR TO VERIFY EXACT PLACEMENT IN THE FIELD AND VERIFY ALL PRODUCT REQUIREMENTS WITH MFR.
48. NEW CONCRETE SLAB INFILL WITH SUPPORTING BENT PLATE. REFER TO STRUCTURAL. PROVIDE 3-HR INHIBITING COATING ON SUPPORTING STEEL BENT PLATE. SEE 6/A0.3 FOR REQUIRED THICKNESS OF COATING.

NEW WORK PLAN GRAPHIC LEGEND

NEW WORK PLAN GRAPHIC LEGEND

- (X) HISTORIC KEYED NOTE
- KEYED NOTE
- WALL TAG. REFER TO WALL TYPE SHEET
- DOOR TAG. REFER TO DOOR SCHEDULE
- EXISTING FRAMED OR CLAY TILE WALL TO REMAIN. REFER TO WALL TAG
- NEW METAL FRAMED FURRING OR WALL. REFER TO WALL TAG
- EXISTING BRICK / STONE MASONRY WALL TO REMAIN. REFER TO WALL TAG
- NEW MASONRY WALL OR MASONRY INFILL (CMU OR BRICK. REFER TO WALL TAG)
- INDICATES FIRE RESISTANCE RATING WALL REQUIREMENT
- INDICATES WALL PROVIDING TWO-HOUR FIRE-RESISTANCE RATING (FIRE BARRIER)
- EXISTING BEAM - SEE STRUCTURAL DRAWINGS
- EXISTING COLUMN CENTERLINE
- HATCH INDICATES AREA OF NEW LOWERED GYP. DR. CEILING (ABOVE). DASHED LINE INDICATES FACE OF SOFFIT (ABOVE). HEIGHT INDICATED ON PLANS. SEE DETAIL 7/A0.3.
- HATCH INDICATES AREA OF NEW 2-HR RATED FLOOR INFILL. SEE 2/A0.3. REFER TO STRUCTURAL DRAWINGS.
- HATCH INDICATES AREA OF NEW CONCRETE SLAB (REFER TO STRUCTURAL DRAWINGS).
- EXISTING DOOR AND FRAME. REFER TO DOOR TAGS AND DOOR SCHEDULE
- NEW DOOR AND FRAME. REFER TO DOOR TAGS AND DOOR SCHEDULE
- EXISTING WINDOW UNIT
- INDICATES WATER CURTAIN INSTALLED AT THE INTERIOR SIDE OF WINDOWS ADJACENT TO THE FIRE ESCAPE PATH OR TRAVEL FIRE CORRIDOR (APARTMENT OF BUILDINGS AND INDICATES ACCEPTED ALTERNATIVE ENGINEERED DESIGN (CBC 106.3).
- EXISTION AND EMERGENCY (EGRESS) LIGHTING - TO BE CONNECTED TO THE BUILDING'S ELECTRIC SUPPLY AND W/ EMERGENCY BATTERY BACK-UP. IN ACCORDANCE WITH SECTION 1005.103 AND 341.2.15. CBC.
- INDICATES SAFETY GLAZING REQUIRED. PROVIDE SAFETY GLAZING AT WINDOWS IN 1/2" HORIZONTALS OF DOORS, AND ADJACENT TO STAIRS, LANDINGS, AND FIRE ESCAPE LANDINGS.

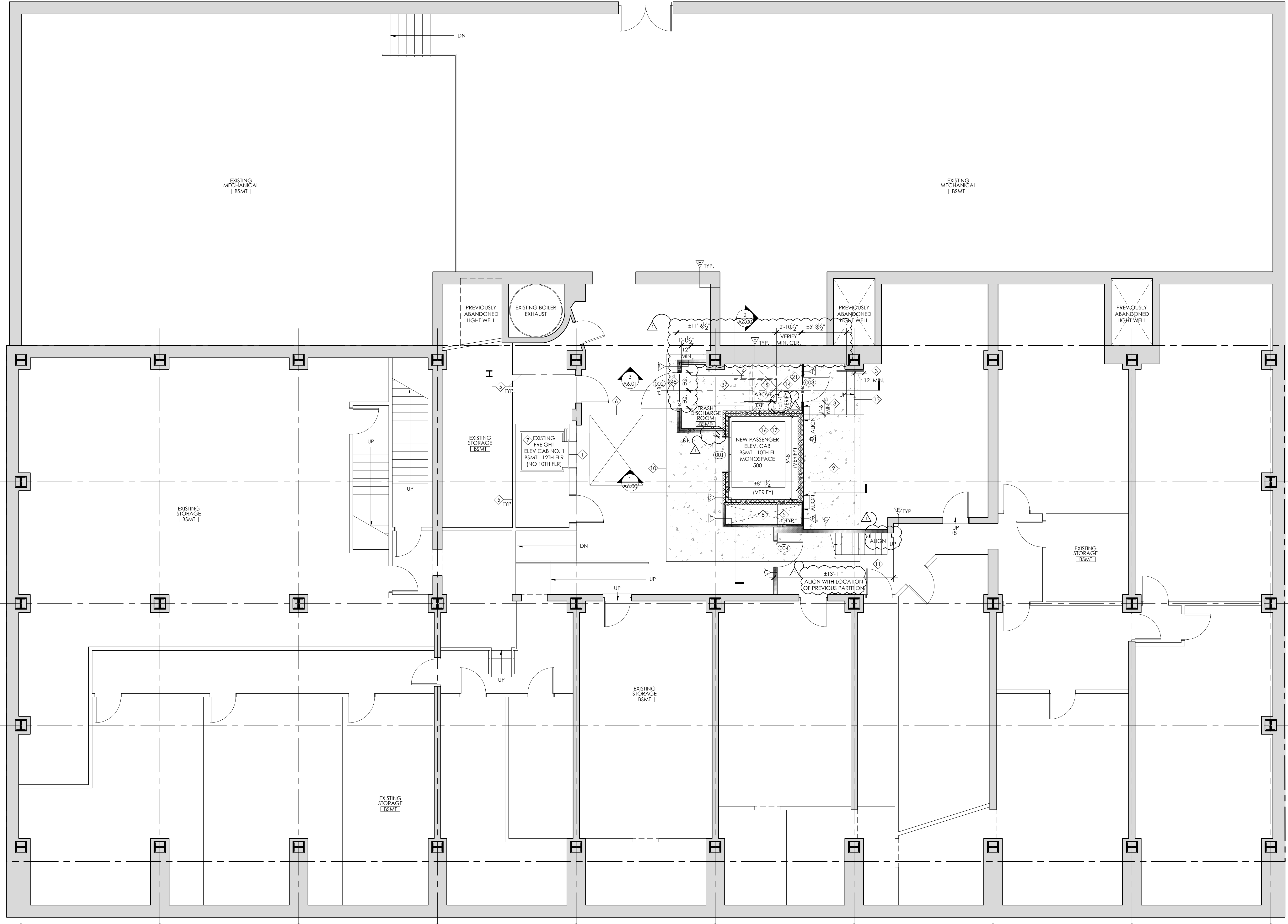
CABINERY PLAN LEGEND

LETTERS INDICATES CABINET TYPE, TYP.
NUMBERS INDICATES CABINET WIDTH IN INCHES, TYP. GENERAL CONTRACTOR TO FIELD VERIFY PRIOR TO ORDERING CABINETS.

CABINET TYPE ABBREVIATIONS:

| | | | |
|----|---------------------|------|---|
| B | BASE CABINET | W | WALL CABINET |
| BB | BUND BASE CABINET | BW | BUND WALL CABINET |
| CB | CORNER BASE CABINET | | |
| DB | DRAWER BASE CABINET | BADA | WALL HUNG ADA |
| SB | SINK BASE CABINET | VADA | COORINANT BASE (B) OR VANITY (V) CABINET WITH BROW APPROACH CLEARANCE |
| VB | VANITY BASE | | |
| T | TALL CABINET | | |

NOTE: PROVIDE SOLID WOOD BLOCKING IN NEW AND EXISTING WALLS AS REQUIRED TO SECURELY ANCHOR NEW CABINERY.



BASEMENT NEW WORK PLAN
1/31.6" = 1'-0"

**PRELIMINARY
NOT FOR CONSTRUCTION**

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ISSUE LOG:
08.17.2022
ISSUE FOR PERMIT
10.27.2022
PERMIT REVISION 1

BASEMENT
NEW WORK PLAN

A3.00

HISTORIC GENERAL NOTES

- ALL TILE FLOORING, EXPOSED OR CURRENTLY COVERED BY CONTEMPORARY FLOOR FINISHES, IN ELEVATOR LOBBIES, CORRIDORS, AND WITHIN OFFICE AREAS TO REMAIN IN PLACE.
- NOTIFY ARCHITECT TO REVIEW FLOORING AFTER EXISTING CONTEMPORARY FLOORING IS REMOVED.
- PAINTED WOOD WINDOW CASING IS TYPICALLY PRESENT AT EXTERIOR OPENINGS (SEE ILLUSTRATED). WINDOW CASING TO REMAIN IN PLACE. REPAIR TO MATCH HISTORIC AS REQD. FRAME AND PART. CONTRACTOR SHALL REPAIR WINDOW CASING, SILLS AND ARCHES IN DWELLING UNITS AND COMMON SPACES TO MATCH HISTORIC CONDITION. CASING AND SILLS ARE TYPICALLY PRESENT. APRONS ARE TYPICALLY MISSING OR DAMAGED DUE TO PREVIOUS INSTALLATION OF RADON GAS COVERS. PROVIDE NEW WINDOW CASING, SILLS AND ARCHES TO CLOSELY MATCH HISTORIC PROFILES WHERE HISTORIC ELEMENTS ARE MISSING OR DAMAGED. FRAME AND PART WOOD TRIM, COLOR TO BE SELECTED BY ARCHITECT.
- PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED WHERE INDICATED ON PLANS. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (NOT ILLUSTRATED). CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND COMMON SPACES. SALVAGE WOOD BASEBOARD AT INTERIOR OFFICE WALLS AND INSTALL IN MISSING PERIMETER EXTERIOR WALL LOCATIONS. CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD BASEBOARD TO MATCH HISTORIC BASEBOARD PROFILE AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES AT REMAINING LOCATIONS WHERE HISTORIC BASEBOARD IS MISSING OR NOT BE REINSTALLED. NEW BASEBOARD AT INTERIOR WALLS WILL NOT MATCH HISTORIC PROFILE. FRAME AND PART WOOD TRIM, COLOR TO BE SELECTED BY ARCHITECT.

HISTORIC KEYED NOTES

- MARBLE WAINSCOT TO REMAIN.
- MARBLE WAINSCOT PANELS TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT / TRASH ROOM CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH EXISTING CONFIGURATION. EXCESS SALVAGED MARBLE TO BE APPLIED WHERE MISSING AT SOUTH WALL OF SECOND FLOOR LOBBY.
- MARBLE WINDOW SILL OR DOOR THRESHOLD TO REMAIN.
- MARBLE THRESHOLD TO BE REMOVED.
- PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED WHERE INDICATED ON PLANS. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (NOT ILLUSTRATED). CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES. SALVAGE WOOD BASEBOARD AT INTERIOR OFFICE WALLS AND INSTALL IN MISSING PERIMETER EXTERIOR WALL LOCATIONS. CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD BASEBOARD TO MATCH HISTORIC BASEBOARD PROFILE AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES AT REMAINING LOCATIONS WHERE HISTORIC BASEBOARD IS MISSING OR NOT BE REINSTALLED. NEW BASEBOARD ON INTERIOR WALLS WILL NOT MATCH HISTORIC PROFILE. FRAME AND PART WOOD TRIM, COLOR TO BE SELECTED BY ARCHITECT.
- PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED WHERE INDICATED ON PLANS. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (NOT ILLUSTRATED). CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES. SALVAGE WOOD BASEBOARD AT INTERIOR OFFICE WALLS AND INSTALL IN MISSING PERIMETER EXTERIOR WALL LOCATIONS. CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD BASEBOARD TO MATCH HISTORIC BASEBOARD PROFILE AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES AT REMAINING LOCATIONS WHERE HISTORIC BASEBOARD IS MISSING OR NOT BE REINSTALLED. NEW BASEBOARD AT INTERIOR WALLS WILL NOT MATCH HISTORIC PROFILE. FRAME AND PART WOOD TRIM, COLOR TO BE SELECTED BY ARCHITECT.
- PAINTED WOOD PICTURE RAIL TO REMAIN. CONTRACTOR SHALL REPAIR HISTORIC PICTURE RAIL AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS. SALVAGE WOOD PICTURE RAIL AT INTERIOR OFFICE WALLS AND INSTALL IN MISSING PERIMETER WALL LOCATIONS. AT REMAINING MISSING LOCATIONS, CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD PICTURE RAIL TO MATCH HISTORIC PICTURE RAIL PROFILE AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS WHERE ANY HISTORIC PICTURE RAIL IS PRESENT TO COMPLETE THE EXTERIOR WALLS. DO NOT INSTALL NEW PICTURE RAIL INSIDE OF DWELLING UNITS WHERE NO HISTORIC PICTURE RAIL IS PRESENT.
- PAINTED WOOD PICTURE RAIL TO REMAIN WHERE STILL EXPOSED AFTER NEW WALL CONSTRUCTION WITHIN FLOOR 11.3 MERCANTILE LIBRARY STORAGE ROOM. SALVAGE WOOD PICTURE RAIL AT WALL LOCATIONS NOW COVERED BY NEW SHAFT WALL CONSTRUCTION AND REINSTALL IF MISSING AT EXISTING EXPOSED WALLS WITHIN THE ROOM.
- PAINTED WOOD DOOR TRANSOM TO BE REMOVED.
- PAINTED WOOD DOOR CASING TO BE REMOVED.
- COVE CEILING REMNANT TO BE REMOVED.
- MAR CHUTE AND MARBLE TO REMAIN.
- EXISTING CLAY TILE SHAFT WALL, MARBLE WALL PANELS AND MARBLE SURROUND TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH CONFIGURATION.
- HISTORIC PLASTER CEILING ABOVE CONTEMPORARY SUSPENDED CEILING TO REMAIN INTACT WITH NO DAMAGE DURING CONSTRUCTION.
- HISTORIC METAL ELEVATOR DOORS, METAL PANEL ABOVE DOORS, AND METAL STOP INDICATOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CHUTE ELEVATOR SHAFTS AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENINGS/HISTORIC MARBLE SURROUND.
- HISTORIC METAL ELEVATOR DOORS AND METAL PANEL ABOVE DOOR TO BE REMOVED. HISTORIC METAL STOP INDICATOR TO BE CAREFULLY REMOVED AND SALVAGED FOR REINSTALLATION IN NEW METAL PANEL.
- HISTORIC STEEL ELEVATOR DOOR AND FRAME TO BE REMOVED.
- HISTORIC METAL ELEVATOR DOOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CHUTE ELEVATOR SHAFT AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENING AND HISTORIC METAL FRAME.
- HISTORIC ELEVATOR DOOR TO BE REMOVED TO ACCOMMODATE NEW FIRE-RATED ELEVATOR DOOR.
- HISTORIC ACCESS DOOR TO REMAIN. DOOR TO BE KEPT SHUT IN THE CLOSED POSITION.
- HISTORIC DOOR TO REMAIN IN PLACE.
- HISTORIC WOOD FINISHED FLOORING IS TO BE REMOVED AND SALVAGED FOR REINSTALLATION AFTER NEW FLOOR STRUCTURE INFILL.

NEW WORK GENERAL NOTES

- ALL LOAD BEARING STRUCTURAL ELEMENTS ARE TO REMAIN UNTO, WHERE EXISTING STRUCTURE IS NOTED TO BE REMOVED, OR MASONRY OPENINGS ARE CREATED OR MODIFIED, SHORE AND BRACE EXISTING BUILDING AS REQUIRED.
- EXCEPT WHERE NEW DROPPED CEILINGS ARE SHOWN, EXISTING PLASTER CEILINGS ARE TO REMAIN.
- EXISTING NON-HISTORIC STOREFRONT INFILL TO REMAIN THROUGHOUT FIRST FLOOR.
- NORTH ELEVATOR CABS AND MACHINERY TO REMAIN. PROTECT THROUGHOUT DEMOLITION AND CONSTRUCTION. SEE SHEET A3.01 FOR TYPICAL KITCHEN, BATHROOM, AND LAUNDRY ELEVATIONS.
- CEILING HEIGHTS INDICATED ARE TO UNDERSEDE OF EXISTING PLASTER FINISH.

NEW WORK KEYED NOTES

- EXISTING NON-RATED ELEVATOR DOOR TO REMAIN.
- VERIFY EXISTING 2-HOUR RATED WALLS AT BOTTOM OF EXISTING STAR 'A'. THIS IS NOT AN EXIT EXISTING FIRE-RATED STAR IS ON 3RD FLOOR; THE RATING IS REQUIRED IN ORDER TO PROVIDE A CONTINUOUS FIRE-RATED STAR ENCLOSURE.
- NEW STEEL 1 1/2" DIAMETER HORIZONTAL, PARALLEL, AND MOUNTED 8" BE ABOVE STAR HORIZING AT MAX. 1 1/2" FROM WALL, WHERE CONDITIONS ALLOW. EXTEND 12" HORIZONTALLY AT TOP OF STAR AND EXTEND DIAGONALLY (1) TREAD DEPTH AT BOTTOM, RETURN HORIZONTAL TO WALL AS SHOWN ON FLOOR PLAN (THREE PLAN CONFIGURATION ALLOWED, OTHERWISE RETURN TO FLOOR). 2" BE ABOVE STAR HORIZING AT TOP AND BOTTOM OF RAMP. RETURN TO WALL AS SHOWN ON FLOOR PLAN.
- PROVIDE NEW STEP AND LANDING AT STAR 'B' TRANSITION. FRAME AS REQUIRED WITH FRT WOOD FRAMING. LANDING ELEVATION TO MATCH EXISTING DOOR THRESHOLD ELEVATION. STEP TO BE MIN. 4" MAX. 7" RISE.
- EXISTING EXPOSED STEEL COLUMN / BEAM TO REMAIN UNTO. PROVIDE 2-HR RATED INTUMESCENT COATING WITH THICKNESS AS REQUIRED FOR RATING. TYPICAL FOR ALL NEW OR EXISTING EXPOSED STEEL IN BUILDING. SEE DETAIL 6/A0.3.
- EXISTING ELEVATOR PLATFORM LEFT TO REMAIN.
- EXISTING FREIGHT ELEVATOR TO REMAIN AND BE USED AS PASSENGER ELEVATOR.
- NEW 2-HR FIRE RATED MECHANICAL SHAFT (BASEMENT TO ROOF) TO ROOFTOP MECHANICAL EQUIPMENT. FIRE-RATED DAMPING ARE REQUIRED AT PENETRATIONS OF SHAFT WALLS. ALL PENETRATIONS TO BE IN ACCORDANCE WITH CBC SECTION 714. MFR'S DESIGN BUILD. CONTRACTOR TO VERIFY MINIMUM SIZE.
- NEW CONCRETE SLAB. SEE STRUCTURAL DRAWINGS. EXTENT OF NEW CONCRETE IS UNKNOWN. CONTRACTOR TO COORDINATE.
- RESUPPORT EXISTING SLAB AS NECESSARY.
- 2-HOUR FIRE-RATED INCLINED, ROLLING TRASH CHUTE DISCHARGE DOOR ABOVE. DOOR TO BE HELD OPEN BY RUBBER LINK. COORDINATE PRODUCT SELECTION WITH OWNER.
- NEW CONCRETE STEPS - 7" RISE MAX. IF RISE MIN. AND 11" MAX. TREAD. FINAL LOCATION OF STEPS TO BE DETERMINED BASED ON NECESSARY EXTENTS OF NEW SLAB. MAINTAIN MINIMUM LANDING DIMENSION FROM DOOR.
- NEW TRASH COMPACTOR. BASED ON OWNER'S AND ARCHITECT'S REQUIREMENTS. COORDINATE PRODUCT SELECTION WITH OWNER. CONTRACTOR TO VERIFY MIN. CLEARANCES AND PRODUCT REQUIREMENTS WITH MFR.
- NEW TRASH CHUTE (BASEMENT TO ROOF) TO BE PROVIDED TO MATCH EXISTING DOOR THRESHOLD ELEVATION. NEW 2-HOUR FIRE-RATED SHAFT, 30" DIAMETER, 1/4" GAUGE, AUTOMATED STEEL, BASS OF DESIGN. CHUTE SOURCE, LLC - GRAVITY 2 MIXED USE RUBBER CHUTE. COORDINATE PRODUCT SELECTION WITH OWNER. REFER TO SHEET A4.01.
- NEW ELEVATOR IN NEW 2-HOUR FIRE-RATED CHUTE SHAFT. SEE STRUCTURAL DRAWINGS. NEW SHAFT SIZE AND DOOR LOCATION BASED ON KONE WORKSPACE 300, 400P, 300 P/NV ELEVATOR. CONTRACTOR TO VERIFY ALL ELEVATOR REQUIREMENTS WITH ELEVATOR MANUFACTURER. PROVIDE ALL CODE REQD ELEMENTS, INCLUDING, BUT NOT LIMITED TO: SHIP RAMP, FRT LADDER, OUTLETS, SWITCHES, LIGHT FIXTURES. COORDINATE WITH MFR DESIGN-BUILD TEAM (UNDER SEPARATE PERMIT). PROVIDE ADDITIONAL TUBE MEMBERS REQD BY KONE FOR ELEVATOR ASSEMBLY. ELEVATOR MUST ACCOMMODATE A 24" AMBULANCE STRETCHER. AS REQD BY CBC 3002.4. NEW ELEVATOR DOOR IS TO BE CENTERED ON THE EXISTING ELEVATOR DOOR OPENING.
- CONTRACTOR TO COORDINATE EXACT LOCATION OF NEW SHAFT. SHAFT DEPTHS TO BE VERIFIED IN FIELD IN ORDER TO ALIGN THE NEW SHAFT WALL TO THE INNER FACE OF THE EXISTING BEAM/CLAY TILE WALL AS SHOWN. VERIFY MINIMUM CLEAR DIMENSIONS WITH ELEVATOR MANUFACTURER.
- NEW 2-HOUR FIRE-RATED FLOOR INFILL. ALIGN NEW FLOOR STRUCTURE AND SUBLOOR W/ EXISTING ADJACENT SUBLOOR. SEE 2/A0.3 AND STRUCTURAL DRAWINGS.
- NEW 2-HR FIRE RATED ELEVATOR CONTROL ROOM IN ACCORDANCE WITH CBC SECTION 3005. CONTRACTOR TO COORDINATE ADDITIONAL REQUIREMENTS WITH ELEVATOR MANUFACTURER.
- RENTAL SUSPENDED SLATED CEILING TO MATCH EXISTING.

- 2-HOUR FIRE RATED ASSEMBLY ABOVE AT 3RD FLOOR TO SEPARATE TRASH CHUTE SHAFT FROM 3RD - ROOF MECHANICAL SHAFT. SEE 2/A0.3 AND STRUCTURAL DRAWINGS.
- EXISTING ROOFING TO REMAIN.
- MECHANICAL DUCT TO ROOFTOP EQUIPMENT. CONTRACTOR TO VERIFY SIZE OF SHAFT REQUIRED AND DUCT EXTENSION / TERMINATION REQUIREMENTS.
- CONTRACTOR TO PROVIDE SHAFT TERMINATION AT LINE OF ROOF AS REQUIRED.
- NEW NON-COMBUSTIBLE 2-HOUR RATED FLOOR CONSTRUCTION AT EXISTING ELEVATOR ROOM, 11.3 FLOOR INFILL IS THE FIRE-RATED CAB OF THE NEW ELEVATOR SHAFT. CHUTE SHAFT WALLS TO TERMINATE AT THE UNDERSEDE OF THE NEW FLOOR STRUCTURE. REFER TO 2/A0.3 AND STRUCTURAL DRAWINGS.
- PROVIDE NEW STEP AND LANDING AT 10TH FLOOR STORAGE CLOSET. FRAME AS REQUIRED WITH FRT WOOD FRAMING. LANDING ELEVATION TO MATCH EXISTING DOOR THRESHOLD ELEVATION. STEPS TO BE MIN. 4" MAX. 7" RISE.
- CONTRACTOR TO DETERMINE LOCATION / SIZE / CONFIGURATION OF EXISTING OPENING IN EXTERIOR WALL. PROVIDE 2-HOUR FIRE RATED INFILL AT THIS OPENING OR OTHER EXTERIOR WALL OPENINGS UNCOVERED DURING SELECTIVE DEMOLITION.
- PROVIDE NEW SLOPE / RAMP AND LANDING AT STAR 'B' TRANSITION. FRAME AS REQUIRED WITH FRT WOOD FRAMING. LANDING ELEVATION TO MATCH EXISTING DOOR THRESHOLD ELEVATION.
- NEW 2-HOUR FIRE-RATED MECHANICAL SHAFT THROUGH TO ROOF (3RD FLOOR - ROOF) TO ROOFTOP MECHANICAL EQUIPMENT. FIRE RATED DAMPERS ARE REQUIRED AT PENETRATIONS OF SHAFT WALLS. ALL PENETRATIONS TO BE IN ACCORDANCE WITH CBC SECTION 714. MFR WORK DESIGN-BUILD. CONTRACTOR TO VERIFY MINIMUM SIZE.
- PROVIDE NEW GATE AT STAR 'A' TO PREVENT EGRESS DOWN STAR TO LEVEL 2. GATE STYLE AND FINISH TO BE SELECTED BY OWNER / ARCHITECT. CONTRACTOR TO SECURE GATE TO FLOOR SURFACE (NOT HISTORIC MARBLE).
- EXISTING FIRE ESCAPE ACCESS DOUBLE-HUNG WINDOW TO REMAIN. REPAIR WINDOW AS REQUIRED FOR SMOOTH AND FUNCTIONAL WINDOW OPERATION.
- EXISTING FIRE ESCAPE IS TO REMAIN. FIRE ESCAPE EVALUATION AND ASSOCIATED REPAIRS ARE TO BE UNDER A SEPARATE PERMIT.
- TRASH CHUTE FLOOR ANGLE FLOOR FRAME BY CHUTE MANUFACTURER. TYP AT EACH FLOOR. INSTALL TRASH CHUTE PER MANUFACTURER'S INSTRUCTIONS. CONTRACTOR TO COORDINATE.
- NEW STRUCTURAL CHANNELS FOR TRASH CHUTE FLOOR FRAME BEARING. MAINTAIN 31" CLEAR BETWEEN MEMBERS. VERIFY WITH CHUTE MANUFACTURER. CHANNELS ARE NOT REQUIRED TO BE FIRE-RATED. REFER TO SHEET A4.01 AND STRUCTURAL DRAWINGS.
- LOWER PANEL AND LOWER BOX FOR TRASH CHUTE HORIZONTAL VENTING TO EXTERIOR AT FLOOR 10. REFER TO DETAIL 1/A0.01. COORDINATE REQUIREMENTS WITH TRASH CHUTE MANUFACTURER.
- NEW 2 CURB YARD FRONT LOAD ROLLING TRASH CONTAINER. COORDINATE PRODUCT SELECTION WITH OWNER.
- NEW 2-HOUR FIRE RATED CONCRETE SLAB ON METAL DECK FLOOR INFILL. ALIGN NEW FLOOR W/ EXISTING ADJACENT SUBLOOR. SEE 2/A0.3 AND STRUCTURAL DRAWINGS.
- CEILING ORGANIZATION SYSTEMS UNDER CONTRACTOR TO COORDINATE.
- NEW BUILT-IN SHELVING. CONTRACTOR TO COORDINATE WITH OWNER AND MILLWORK SUPPLIER. SEE INTERIOR ELEVATIONS.
- NEW STANDPIPE. SPRINKLER SYSTEM IS DESIGN-BUILD AND WILL BE SUBMITTED UNDER A SEPARATE PERMIT. CONTRACTOR TO VERIFY EXACT LOCATION.
- APPROXIMATE LOCATION OF EXISTING STANDPIPE. CONTRACTOR TO VERIFY. SPRINKLER SYSTEM IS DESIGN-BUILD UNDER A SEPARATE PERMIT.
- NEW 2-HR FIRE RATED SHAFT WALL ASSEMBLY. INSTALLED HORIZONTALLY BELOW EXISTING FIRE-RATED CEILING ASSEMBLY ABOVE. TYPICAL AT ALL LOWERED CORRIDOR CEILING/3RD FLOOR. REFER TO 2/A0.3.
- CONTRACTOR TO VERIFY THE EXTENTS OF THE EXISTING BASED SLAB.
- PLUMBING AND ELECTRICAL WORK FOR TRASH CHUTE HORIZONTAL VENTING TO EXTERIOR AT FLOOR 10. REFER TO DETAIL 1/A0.01.
- NEW WALL CONSTRUCTION CENTERED ON EXISTING WINDOW TRIM OR EXISTING HISTORIC PLASTER WHERE INDICATED ON PLAN. CONTRACTOR TO VERIFY HISTORIC WINDOW TRIM WILL NOT BE INTERRUPTED.
- SOFFIT ABOVE TO ALIGN WITH EDGE OF SLATED CEILING BELOW.
- TRASH DISCHARGE ROOM DOOR, CONTAINER, AND COMPACTOR TO BE CENTERED ON CHUTE ABOVE. CONTRACTOR TO VERIFY EXACT PLACEMENT IN THE FIELD AND VERIFY ALL PRODUCT REQUIREMENTS WITH MFR.
- NEW CONCRETE SLAB WITH SUPPORTING BENT PLATE. REFER TO STRUCTURAL. PROVIDE 3-HR INTUMESCENT COATING ON SUPPORTING STEEL BENT PLATE. SEE 6/A0.3 FOR REQUIRED THICKNESS OF COATING.

NEW WORK PLAN GRAPHIC LEGEND

NEW WORK PLAN GRAPHIC LEGEND

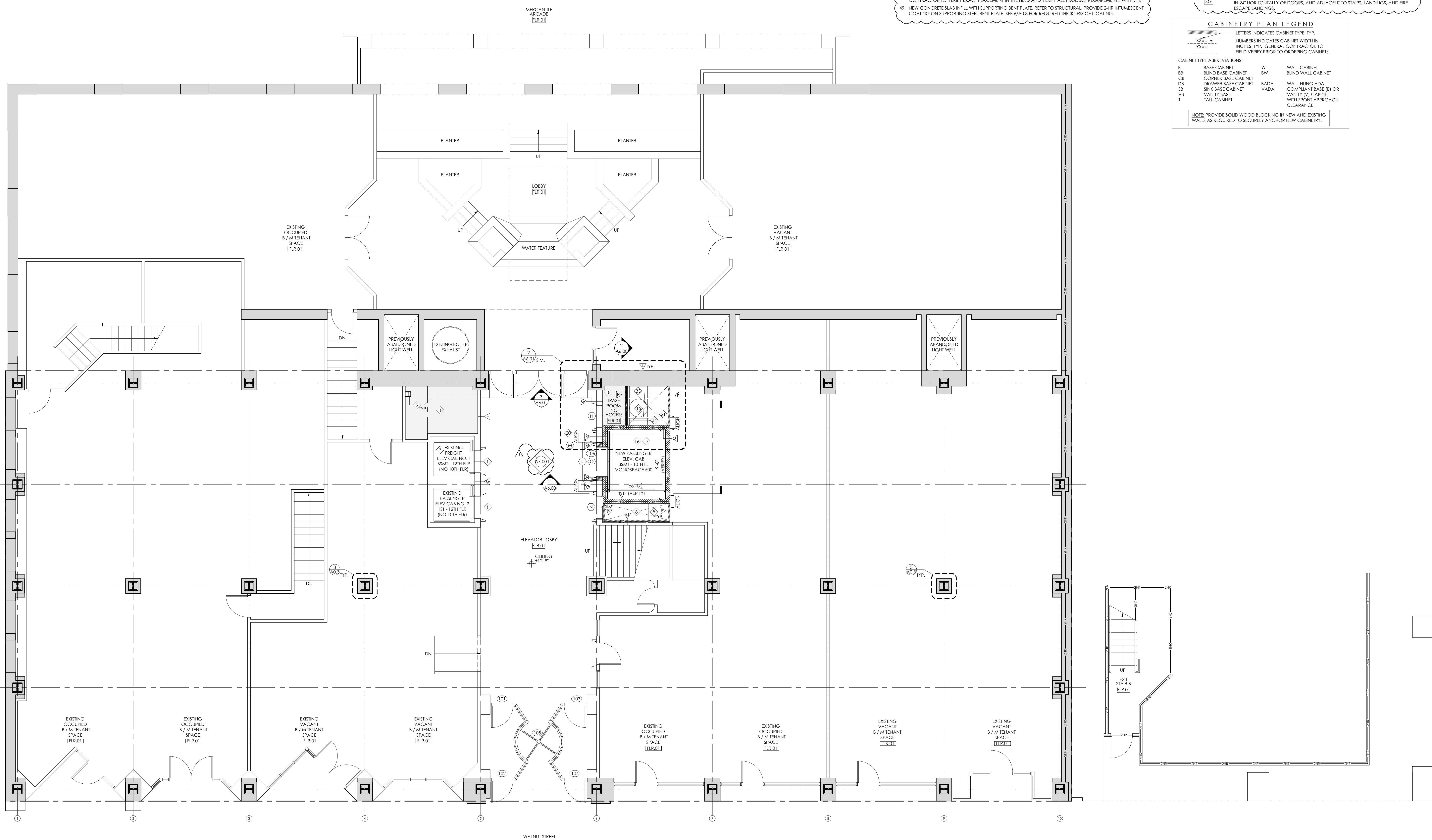
- KEYED NOTE
- WALL TAG, REFER TO WALL TYPE SHEET
- DOOR TAG, REFER TO DOOR SCHEDULE
- EXISTING FRAMED OR CLAY TILE WALL TO REMAIN, REFER TO WALL TAG
- NEW METAL FRAMED FURRING OR WALL, REFER TO WALL TAG
- EXISTING BRICK / STONE MASONRY WALL TO REMAIN, REFER TO WALL TAG
- NEW MASONRY WALL OR MASONRY INFILL (CMU OR BRICK, REFER TO WALL TAG)
- INDICATES FIRE RESISTANCE RATING WALL REQUIREMENT
- INDICATES WALL PROVIDING TWO-HOUR FIRE-RESISTANCE RATING (FIRE BARRIER)
- EXISTING BEAM - SEE STRUCTURAL DRAWINGS
- EXISTING COLUMN CENTERLINE
- HATCH INDICATES AREA OF NEW LOWERED GYP. BO. CEILING (ABOVE), DASHED LINE INDICATES FACE OF SOFFIT (ABOVE). HEIGHT INDICATED ON PLANS, SEE DETAIL 7/A0.3
- HATCH INDICATES AREA OF NEW 2-HR RATED FLOOR INFILL. SEE 2/A0.3. REFER TO STRUCTURAL DRAWINGS.
- HATCH INDICATES AREA OF NEW CONCRETE SLAB (REFER TO STRUCTURAL DRAWINGS).
- EXISTING DOOR AND FRAME, REFER TO DOOR TAGS AND DOOR SCHEDULE
- NEW DOOR AND FRAME, REFER TO DOOR TAGS AND DOOR SCHEDULE
- EXISTING WINDOW UNIT
- INDICATES WATER CURTAIN INSTALLED AT THE INTERIOR SIDE OF WINDOWS ADJACENT TO THE FIRE ESCAPE PATH OR TRAVEL FIRE CONTAINMENT DEPARTMENTS OF BUILDINGS AND REPLICATORS ACCEPTED ALTERNATIVE ENGINEERED DESIGN (CBC 106.3).
- EYE SIGN AND EMERGENCY EGRESS LIGHTING - TO BE CONNECTED TO THE BUILDING'S ELECTRIC SUPPLY AND W/ EMERGENCY BATTERY BACK-UP, IN ACCORDANCE WITH SECTION 1008.103 AND 301.2.5. CBC.
- INDICATES SAFETY GLAZING REQUIRED. PROVIDE SAFETY GLAZING AT WINDOWS IN 11.2F HORIZONTALS OF DOORS, AND ADJACENT TO STAIRS, LANDINGS, AND FIRE ESCAPE LANDINGS.

CABINETRY PLAN LEGEND

LETTERS INDICATES CABINET TYPE, TYP. NUMBERS INDICATES CABINET WIDTH IN INCHES, TYP. GENERAL CONTRACTOR TO FIELD VERIFY PRIOR TO ORDERING CABINETS.

| | | | |
|----|---------------------|------|---|
| B | BASE CABINET | W | WALL CABINET |
| BB | BUND BASE CABINET | BW | BUND WALL CABINET |
| CB | CORNER BASE CABINET | | |
| DB | DRAWER BASE CABINET | BADA | WALL HUNG ADA |
| SB | SINK BASE CABINET | VADA | COORINANT BASE (B) OR VANITY (V) CABINET WITH INSOLE APPROACH CLEARANCE |
| VB | VANITY BASE | | |
| T | TALL CABINET | | |

NOTE: PROVIDE SOLID WOOD BLOCKING IN NEW AND EXISTING WALLS AS REQUIRED TO SECURELY ANCHOR NEW CABINETRY.



1
A3.01
3/16" = 1'-0"
FIRST FLOOR NEW WORK PLAN

**PRELIMINARY
NOT FOR CONSTRUCTION**

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modelgroup
DEVELOPMENT • CONSTRUCTION • MANAGEMENT

ISSUE LOG:
08.17.2022
ISSUE FOR PERMIT
10.27.2022
PERMIT REVISION 1

FIRST FLOOR
NEW WORK PLAN

A3.01

HISTORIC GENERAL NOTES

- ALL TILE FLOORING, EXPOSED OR CURRENTLY COVERED BY CONTEMPORARY FLOOR FINISHES, IN ELEVATOR LOBBIES, CORRIDORS, AND WITHIN OFFICE AREAS TO REMAIN IN PLACE.
- NOTIFY ARCHITECT TO REVIEW FLOORING AFTER EXISTING CONTEMPORARY FLOORING IS REMOVED.
- PAINTED WOOD WINDOW CASINGS IS TYPICALLY PRESENT AT EXTERIOR OPENINGS (SEE ILLUSTRATED). WINDOW CASINGS TO REMAIN IN PLACE. REPAIR TO MATCH HISTORIC AS REQ'D. FRAME AND PART. CONTRACTOR SHALL REPAIR WINDOW CASING, SILLS AND ARCHES IN DWELLING UNITS AND COMMON SPACES TO MATCH HISTORIC CONDITION. CASING AND SILLS ARE TYPICALLY PRESENT. APRONS ARE TYPICALLY MISSING OR DAMAGED DUE TO PREVIOUS INSTALLATION OF RADIATOR COVERS. PROVIDE NEW WINDOW CASING, SILLS AND ARCHES TO CLOSELY MATCH HISTORIC PROFILES WHERE HISTORIC ELEMENTS ARE MISSING OR DAMAGED. FRAME AND PART WOOD TRIM, COLOR TO BE SELECTED BY ARCHITECT.
- PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED WHERE INDICATED ON PLANS. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (NOT ILLUSTRATED). CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS AND INSTALL IN MISSING PERIMETER EXTERIOR WALL LOCATIONS. CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD BASEBOARD TO MATCH HISTORIC BASEBOARD PROFILE AT PERIMETER EXTERIOR WALLS AND IN COMMON SPACES AT REMAINING LOCATIONS WHERE HISTORIC BASEBOARD IS MISSING OR NOT BE REINSTALLED. NEW BASEBOARD ON INTERIOR WALLS WILL NOT MATCH HISTORIC PROFILE. FRAME AND PART WOOD TRIM, COLOR TO BE SELECTED BY ARCHITECT.

HISTORIC KEYED NOTES

- MARBLE WAINSCOT TO REMAIN.
- MARBLE WAINSCOT PANELS TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT / TRASH ROOM CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH EXISTING CONFIGURATION. EXCESS SALVAGED MARBLE TO BE APPLIED WHERE MISSING AT SOUTH WALL OF SECOND FLOOR LOBBY.
- MARBLE WINDOW SILL OR DOOR THRESHOLD TO REMAIN.
- MARBLE THRESHOLD TO BE REMOVED.
- PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED WHERE INDICATED ON PLANS. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (NOT ILLUSTRATED). CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS AND INSTALL IN MISSING PERIMETER EXTERIOR WALL LOCATIONS. CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD BASEBOARD TO MATCH HISTORIC BASEBOARD PROFILE AT PERIMETER EXTERIOR WALLS AND IN DWELLING UNITS AND IN COMMON SPACES AT REMAINING LOCATIONS WHERE HISTORIC BASEBOARD IS MISSING OR NOT BE REINSTALLED. NEW BASEBOARD ON INTERIOR WALLS WILL NOT MATCH HISTORIC PROFILE. FRAME AND PART WOOD TRIM, COLOR TO BE SELECTED BY ARCHITECT.
- PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED WHERE INDICATED ON PLANS. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (NOT ILLUSTRATED). CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS AND INSTALL IN MISSING PERIMETER EXTERIOR WALL LOCATIONS. CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD BASEBOARD TO MATCH HISTORIC BASEBOARD PROFILE AT PERIMETER EXTERIOR WALLS AND IN COMMON SPACES AT REMAINING LOCATIONS WHERE HISTORIC BASEBOARD IS MISSING OR NOT BE REINSTALLED. NEW BASEBOARD ON INTERIOR WALLS WILL NOT MATCH HISTORIC PROFILE. FRAME AND PART WOOD TRIM, COLOR TO BE SELECTED BY ARCHITECT.
- PAINTED WOOD PICTURE RAIL TO REMAIN. CONTRACTOR SHALL REPAIR HISTORIC PICTURE RAIL AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS. SALVAGE WOOD PICTURE RAIL AT INTERIOR OFFICE WALLS AND INSTALL IN MISSING PERIMETER WALL LOCATIONS. AT REMAINING MISSING LOCATIONS, CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD PICTURE RAIL TO MATCH HISTORIC PICTURE RAIL PROFILE AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS WHERE ANY HISTORIC PICTURE RAIL IS PRESENT TO COMPLETE THE EXTERIOR WALLS. DO NOT INSTALL NEW PICTURE RAIL INSIDE OF DWELLING UNITS WHERE NO HISTORIC PICTURE RAIL IS PRESENT.
- PAINTED WOOD PICTURE RAIL TO REMAIN WHERE STILL EXPOSED AFTER NEW WALL CONSTRUCTION WITHIN FLOOR 11.3 MERCANTILE LIBRARY STORAGE ROOM. SALVAGE WOOD PICTURE RAIL AT WALL LOCATIONS NOW COVERED BY NEW SHAF WALL CONSTRUCTION AND REINSTALL IF MISSING AT EXISTING EXPOSED WALLS WITHIN THE ROOM.
- PAINTED WOOD CROWN MOULD TO BE REMOVED.
- PAINTED WOOD DOOR TRANSOM TO BE REMOVED
- PAINTED WOOD DOOR CASING TO BE REMOVED
- COVE CEILING REMNANT TO BE REMOVED
- MAR CHUTE AND MARBLE TO REMAIN.
- EXISTING CLAY TILE SHAF WALL, MARBLE WALL PANELS AND MARBLE SURROUND TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT CONSTRUCTION AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENING/HISTORIC MARBLE SURROUND.
- HISTORIC METAL ELEVATOR DOORS AND METAL PANEL ABOVE DOORS AND METAL STOP INDICATOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CHUTE ELEVATOR SHAFTS AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENING/HISTORIC METAL STOP INDICATOR TO BE CAREFULLY REMOVED AND SALVAGED FOR REINSTALLATION IN NEW METAL PANEL.
- HISTORIC STEEL ELEVATOR DOOR AND FRAME TO BE REMOVED.
- HISTORIC METAL ELEVATOR DOOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CHUTE ELEVATOR SHAFT AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENING AND HISTORIC METAL FRAME.
- HISTORIC ELEVATOR DOOR TO BE REMOVED TO ACCOMMODATE NEW FIRE-RATED ELEVATOR DOOR.
- HISTORIC ACCESS DOOR TO REMAIN. DOOR TO BE FIXED SHUT IN THE CLOSED POSITION.
- HISTORIC DOOR TO REMAIN IN PLACE.
- HISTORIC WOOD FINISHED FLOORING IS TO BE REMOVED AND SALVAGED FOR REINSTALLATION AFTER NEW FLOOR STRUCTURE INFILL.

NEW WORK GENERAL NOTES

- ALL LOAD BEARING STRUCTURAL ELEMENTS ARE TO REMAIN, UNLESS WHERE EXISTING STRUCTURE IS NOTED TO BE REMOVED, OR MASONRY OPENINGS ARE CREATED OR MODIFIED. SHORE AND BRACE EXISTING BUILDING AS REQUIRED.
- EXCEPT WHERE NEW DROPPED CEILINGS ARE SHOWN, EXISTING PLASTER CEILINGS ARE TO REMAIN.
- EXISTING NON-HISTORIC STOREFRONT INFILL TO REMAIN THROUGHOUT FIRST FLOOR.
- NORTH ELEVATOR CABS AND MACHINERY TO REMAIN. PROTECT THROUGHOUT DEMOLITION AND CONSTRUCTION. GC TO REPAIR COORDINATION AND REPAIR AS REQUIRED.
- SEE THE AT SHEET SERIES FOR TYPICAL KITCHEN, BATHROOM, AND LAUNDRY ELEVATIONS. CEILING HEIGHTS INDICATED ARE TO UNDERSIDE OF EXISTING PLASTER FINISH.

NEW WORK KEYED NOTES

- EXISTING NON-RATED ELEVATOR DOOR TO REMAIN.
- VERIFY EXISTING 2-HOUR RATED WALLS AT BOTTOM OF EXISTING STAIR 'A'. THIS IS NOT AN EXIT EXISTING FROM STAIR IS ON 3RD FLOOR; THE RATING IS REQUIRED IN ORDER TO PROVIDE A CONTINUOUS FIRE-RATED STAIR ENCLOSURE.
- NEW STEEL 1 1/2" DIAMETER HORIZONTAL, PARALLEL, AND MOUNTED 8" ABOVE STAIR HOZING AT MIN. 1 1/2" FROM WALL, WHERE CONDITIONS ALLOW. EXTEND 12" HORIZONTALLY AT TOP OF STAIR AND EXTEND DIAGONALLY (1) TREAD DEPTH AT BOTTOM, RETURN HORIZONTAL TO WALL AS SHOWN ON FLOOR PLAN (THREE PLAN CONFIGURATION ALLOWED, OTHERWISE RETURN TO CORNER). ELIMINATE EXTEND HORIZONTALS 12" HORIZONTALLY AT TOP AND BOTTOM OF RAMP. RETURN TO WALL AS SHOWN ON FLOOR PLAN.
- PROVIDE NEW STEEL AND LANDING AT STAIR 'B' TRANSITION FRAME AS REQUIRED WITH FRT WOOD FRAMING. LANDING ELEVATION TO MATCH EXISTING DOOR THRESHOLD ELEVATION. STEPS TO BE MIN. 4" MAX. 7" RISE.
- EXISTING EXPOSED STEEL COLUMN / BEAM TO REMAIN UNLESS OTHERWISE NOTED. PROVIDE 2-HR RATED INHIBITING COATING WITH THICKNESS AS REQUIRED FOR RATING. TYPICAL FOR ALL NEW OR EXISTING EXPOSED STEEL IN BUILDING. SEE DETAIL 6/A3.3.
- EXISTING ELEVATOR PLATFORM LEFT TO REMAIN.
- EXISTING FREIGHT ELEVATOR TO REMAIN AND NOT USED AS PASSENGER ELEVATOR.
- NEW 2-HR FIRE RATED MECHANICAL SHAFT (BASEMENT TO ROOF) TO ROOFTOP MECHANICAL EQUIPMENT. FIRE-RATED DAMPING ARE REQUIRED AT PENETRATIONS OF SHAFT WALLS. ALL PENETRATIONS TO BE IN ACCORDANCE WITH CBC SECTION 714. MFR'S DESIGN BUILD. CONTRACTOR TO VERIFY MINIMUM SIZE.
- NEW CONCRETE SLAB. SEE STRUCTURAL DRAWINGS. EXTENT OF NEW CONCRETE IS UNKNOWN. CONTRACTOR TO COORDINATE.
- RESUPPORT EXISTING STAIR AS NECESSARY.
- 2-HOUR FIRE-RATED INCLINED, ROLLING TRASH CHUTE DISCHARGE DOOR ABOVE. DOOR TO BE HELD OPEN BY RUBBLE LINK. COORDINATE PRODUCT SELECTION WITH OWNER.
- NEW CONCRETE STEPS - 7" RISE MAX. IF RISE MIN. AND 11" MIN. TREAD. FINAL LOCATION OF STEPS TO BE DETERMINED BASED ON NECESSARY EXTENTS OF NEW SLAB. MAINTAIN MINIMUM LANDING DIMENSION FROM DOOR.
- NEW TRASH COMPACTOR. BASED ON CURRENTLY APPROVED MANUFACTURER. COORDINATE PRODUCT SELECTION WITH OWNER. CONTRACTOR TO VERIFY MIN. CLEARANCES AND PRODUCT REQUIREMENTS WITH MANUFACTURER'S INSTRUCTIONS. CONTRACTOR TO COORDINATE.
- NEW TRASH CHUTE (BASEMENT TO FLOOR 11.3) TO BE INSTALLED WITHIN DOOR OPENING. PROVIDE 2-HOUR RATED DOORS IN NEW 2-HOUR FIRE-RATED SHAFT. 30" DIAMETER, 1/4 GAUGE, AUTOMATED STEEL, BASS OF DESIGN. CHUTE SOURCE, LLC - GRAVITY 2 MIXED USE RUBBER CHUTE. COORDINATE PRODUCT SELECTION WITH OWNER. REFER TO SHEET A4.01.
- NEW ELEVATOR IN NEW 2-HOUR FIRE RATED CHUTE SHAFT. SEE STRUCTURAL DRAWINGS. NEW SHAFT SIZE AND DOOR LOCATION BASED ON CURRENTLY APPROVED MANUFACTURER. CONTRACTOR TO VERIFY ALL ELEVATOR REQUIREMENTS WITH ELEVATOR MANUFACTURER. PROVIDE ALL CODE REQ'D ELEMENTS, INCLUDING, BUT NOT LIMITED TO: SHIP RAMP FRT LASH. OUTLETS, SWITCHES, LIGHT FIXTURES. COORDINATE WITH MFR DESIGN-BUILD TEAM (UNDER SEPARATE PERMIT). PROVIDE ADDITIONAL TUBE MEMBERS REQ'D BY KONE FOR ELEVATOR ASSEMBLY. ELEVATOR MUST ACCOMMODATE A 24" X 48" AMBULANCE STRETCHER. AS REQ'D BY CBC 3002.4. NEW ELEVATOR DOOR IS TO BE CENTERED ON THE EXISTING ELEVATOR DOOR OPENING.
- CONTRACTOR TO COORDINATE EXACT LOCATION OF NEW SHAFT. SHAFT DEPTHS TO BE VERIFIED IN FIELD IN ORDER TO ALIGN THE NEW SHAFT WALL TO THE INNER FACE OF THE EXISTING BEAM/CLAY TILE WALL AS SHOWN. VERIFY MINIMUM CLEAR DIMENSIONS WITH ELEVATOR MANUFACTURER.
- NEW 2-HOUR FIRE-RATED FLOOR INFILL. ALIGN NEW FLOOR STRUCTURE AND SUBFLOOR W/ EXISTING ADJACENT SUBFLOOR. SEE 2/A3.3 AND STRUCTURAL DRAWINGS.
- NEW 2-HR FIRE RATED ELEVATOR CONTROL ROOM IN ACCORDANCE WITH CBC SECTION 3005. CONTRACTOR TO COORDINATE ADDITIONAL REQUIREMENTS WITH ELEVATOR MANUFACTURER.
- RENTAL SUSPENDED SLATED CEILING TO MATCH EXISTING.

- 2-HOUR FIRE RATED ASSEMBLY ABOVE AT 3RD FLOOR TO SEPARATE TRASH CHUTE SHAFT FROM 3RD - ROOF MECHANICAL SHAFT. SEE 2/A3.3 AND STRUCTURAL DRAWINGS.
- EXISTING ROOFING TO REMAIN.
- MECHANICAL DUCT TO ROOFTOP EQUIPMENT. CONTRACTOR TO VERIFY SIZE OF SHAFT REQUIRED AND DUCT EXTENSION / TERMINATION REQUIREMENTS.
- CONTRACTOR TO PROVIDE SHAFT TERMINATION AT LINE OF ROOF AS REQUIRED.
- NEW NON-COMBUSTIBLE 2-HOUR RATED FLOOR CONSTRUCTION AT EXISTING ELEVATOR ROOM. 11.3 FLOOR INFILL IS THE FIRE-RATED CAP OF THE NEW ELEVATOR SHAFT. CHUTE SHAFT WALLS TO TERMINATE AT THE UNDERSIDE OF THE NEW FLOOR STRUCTURE. REFER TO 2/A3.3 AND STRUCTURAL DRAWINGS.
- PROVIDE NEW STEEL AND LANDING AT 10TH FLOOR STORAGE CLOSET. FRAME AS REQUIRED WITH FRT WOOD FRAMING. LANDING ELEVATION TO MATCH EXISTING DOOR THRESHOLD ELEVATION. STEPS TO BE MIN. 4" MAX. 7" RISE.
- CONTRACTOR TO DETERMINE LOCATION / SIZE / CONFIGURATION OF EXISTING OPENING IN EXTERIOR WALL. PROVIDE 2-HOUR FIRE RATED INFILL AT THIS OPENING OR OTHER EXTERIOR WALL OPENINGS UNCOVERED DURING SELECTIVE DEMOLITION.
- PROVIDE NEW SLOPE / RAMP AND LANDING AT STAIR 'B' TRANSITION. FRAME AS REQUIRED WITH FRT WOOD FRAMING. LANDING ELEVATION TO MATCH EXISTING DOOR THRESHOLD ELEVATION.
- NEW 2-HOUR FIRE-RATED MECHANICAL SHAFT THROUGH TO ROOF (3RD FLOOR - ROOF) TO ROOFTOP MECHANICAL EQUIPMENT. FIRE RATED DAMPERS ARE REQUIRED AT PENETRATIONS OF SHAFT WALLS. ALL PENETRATIONS TO BE IN ACCORDANCE WITH CBC SECTION 714. MFR WORK DESIGN-BUILD. CONTRACTOR TO VERIFY MINIMUM SIZE.
- PROVIDE NEW GATE AT STAIR 'A' TO PREVENT EGRESS DOWN STAIR TO LEVEL 2. GATE STYLE AND FINISH TO BE SELECTED BY OWNER / ARCHITECT. CONTRACTOR TO SECURE GATE TO FLOOR SURFACE (NOT HISTORIC MARBLE).
- EXISTING FIRE ESCAPE ACCESS DOUBLE-HUNG WINDOW TO REMAIN. REPAIR WINDOW AS REQUIRED FOR SMOOTH AND FUNCTIONAL WINDOW OPERATION.
- EXISTING FIRE ESCAPE 6" TO REMAIN. FIRE ESCAPE EVALUATION AND ASSOCIATED REPAIRS ARE TO BE UNDER A SEPARATE PERMIT.
- TRASH CHUTE STEEL ANGLE FLOOR FRAME BY CHUTE MANUFACTURER. TYP AT EACH FLOOR. INSTALL TRASH CHUTE PER MANUFACTURER'S INSTRUCTIONS. CONTRACTOR TO COORDINATE.
- NEW STRUCTURAL CHANNELS FOR TRASH CHUTE FLOOR FRAME BEARING. MAINTAIN 31" CLEAR BETWEEN MEMBERS. VERIFY WITH CHUTE MANUFACTURER. CHANNELS ARE NOT REQUIRED TO BE FIRE-RATED. REFER TO SHEET A4.01 AND STRUCTURAL DRAWINGS.
- LOWER PANEL AND LOWER BOX FOR TRASH CHUTE HORIZONTAL VENTING TO EXTERIOR AT FLOOR 10. REFER TO DETAIL 1/A4.01. COORDINATE REQUIREMENTS WITH TRASH CHUTE MANUFACTURER.
- NEW 2 CUBIC YARD FRONT LOAD ROLLING TRASH CONTAINER. COORDINATE PRODUCT SELECTION WITH OWNER.
- NEW 2-HOUR FIRE RATED CONCRETE SLAB ON METAL DECK FLOOR INFILL. ALIGN NEW FLOOR W/ EXISTING ADJACENT SUBFLOOR. SEE 2/A3.3 AND STRUCTURAL DRAWINGS.
- TRASH CHUTE ORGANIZATION SYSTEMS. VERIFY CONTRACTOR TO COORDINATE.
- NEW BUILT-IN SHELVING. CONTRACTOR TO COORDINATE WITH OWNER AND MILLWORK SUPPLIER. SEE INTERIOR ELEVATIONS.
- APPROXIMATE LOCATION OF EXISTING STAIRWELL. CONTRACTOR TO VERIFY. SPRINKLER SYSTEM IS DESIGN-BUILD UNDER A SEPARATE PERMIT.
- NEW 2-HR FIRE RATED SHAFT WALL ASSEMBLY. INSTALLED HORIZONTALLY BELOW EXISTING FIRE-RATED CEILING ASSEMBLY ABOVE. TYPICAL AT ALL LOW-RISE CORRIDOR CEILING/3RD FLOOR. REFER TO 2/A3.3.
- PLUMBING AND ELECTRICAL WORK FOR SHAND TO BE LOCATED INSIDE CABINERY. CONTRACTOR TO COORDINATE WITH MILLWORK SUPPLIER.
- NOT USED.
- NEW 2 CUBIC YARD FRONT LOAD ROLLING TRASH CONTAINER. COORDINATE PRODUCT SELECTION WITH OWNER.
- CONTRACTOR TO VERIFY THE EXTENTS OF THE EXISTING BASED SLAB.
- NEW WALL CONSTRUCTION CENTERED ON EXISTING HISTORIC WINDOW TRIM OR EXISTING HISTORIC PLASTER WHERE INDICATED ON PLAN. CONTRACTOR TO VERIFY HISTORIC WINDOW TRIM WILL NOT BE INTERRUPTED.
- SOFFIT ABOVE TO ALIGN WITH EDGE OF SLAND COUNTER BELOW.
- TRASH DISCHARGE ROOM DOOR, CONTAINER, AND COMPACTOR TO BE CENTERED ON CHUTE ABOVE. CONTRACTOR TO VERIFY EXACT PLACEMENT IN THE FIELD AND VERIFY ALL PRODUCT REQUIREMENTS WITH MFR.
- NEW CONCRETE SLAB WITH SUPPORTING BENT PLATE. REFER TO STRUCTURAL. PROVIDE 3-HR INHIBITING COATING ON SUPPORTING STEEL BENT PLATE. SEE 6/A3.3 FOR REQUIRED THICKNESS OF COATING.

NEW WORK PLAN GRAPHIC LEGEND

NEW WORK PLAN GRAPHIC LEGEND

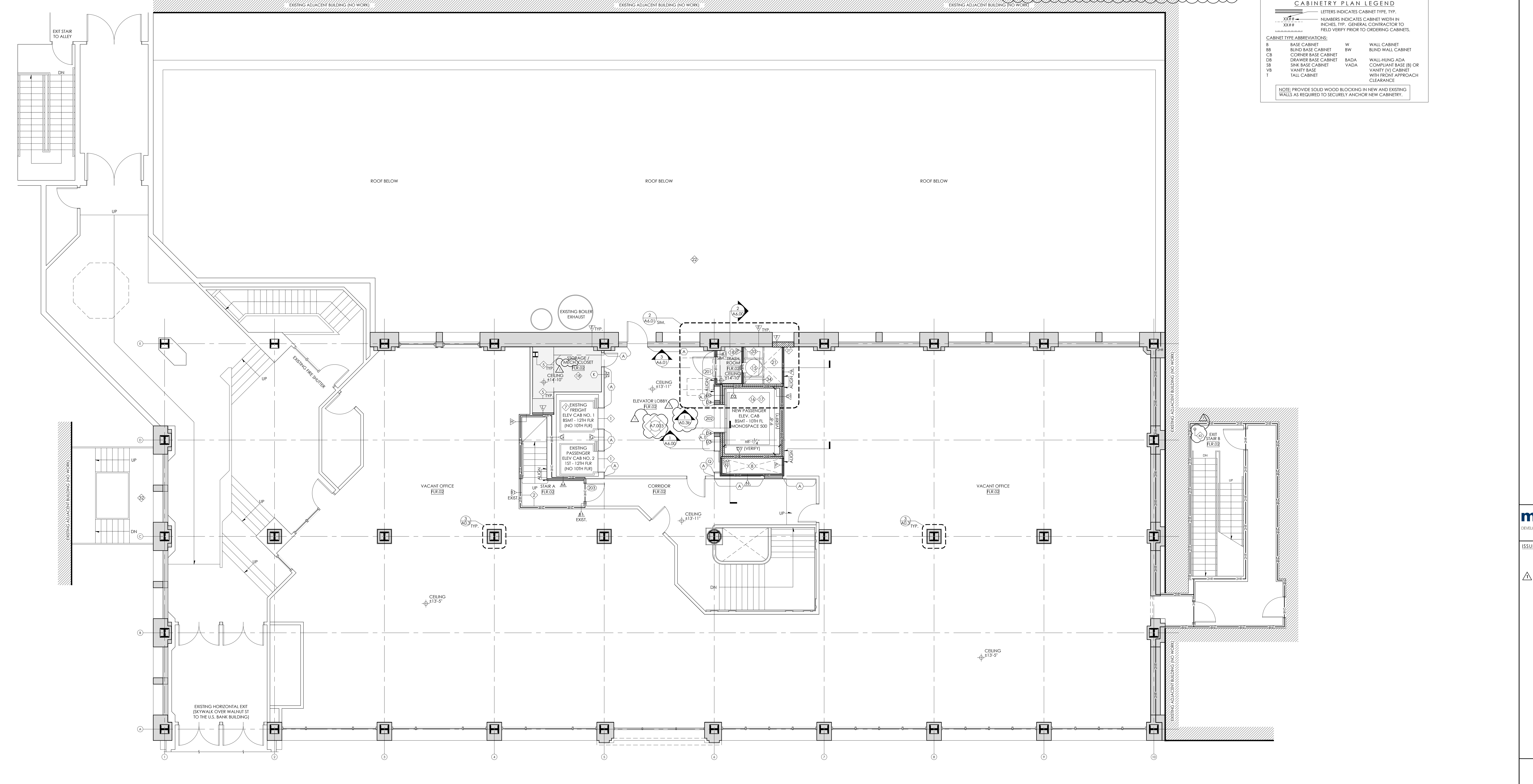
- KEYED NOTE
- WALL TAG, REFER TO WALL TYPE SHEET
- DOOR TAG, REFER TO DOOR SCHEDULE
- EXISTING FRAMED OR CLAY TILE WALL TO REMAIN, REFER TO WALL TAG
- NEW METAL FRAMED FURRING OR WALL, REFER TO WALL TAG
- EXISTING BRICK / STONE MASONRY WALL TO REMAIN, REFER TO WALL TAG
- NEW MASONRY WALL OR MASONRY INFILL (CMU OR BRICK, REFER TO WALL TAG)
- INDICATES FIRE RESISTANCE RATING WALL REQUIREMENT
- INDICATES WALL PROVIDING TWO-HOUR FIRE-RESISTANCE RATING (FIRE BARRIER)
- EXISTING BEAM - SEE STRUCTURAL DRAWINGS
- EXISTING COLUMN CENTERLINE
- HATCH INDICATES AREA OF NEW LOW-RISE (2ND, 3RD, 4TH, 5TH, 6TH, 7TH, 8TH, 9TH, 10TH, 11TH, 12TH) FLOORING. DASHED LINE INDICATES FACE OF SOFFIT (ABOVE). HEIGHT INDICATED ON PLANS, SEE DETAIL 7/A3.3.
- HATCH INDICATES AREA OF NEW 2-HR RATED FLOOR INFILL. SEE 2/A3.3. REFER TO STRUCTURAL DRAWINGS.
- HATCH INDICATES AREA OF NEW CONCRETE SLAB (REFER TO STRUCTURAL DRAWINGS).
- EXISTING DOOR AND FRAME, REFER TO DOOR TAGS AND DOOR SCHEDULE
- NEW DOOR AND FRAME, REFER TO DOOR TAGS AND DOOR SCHEDULE
- EXISTING WINDOW UNIT
- INDICATES WATER CURTAIN INSTALLED AT THE INTERIOR SIDE OF WINDOWS ADJACENT TO THE FIRE FIGHTER PATH OR TRAVEL FOR CABINETS (APARTMENTS OF BUILDINGS AND MULTIFAMILY UNITS). REFER TO DETAIL 10/A3.3.
- EXISTION AND EMERGENCY (EGRESS) LIGHTING - TO BE CONNECTED TO THE BUILDING'S ELECTRIC SUPPLY AND W/ EMERGENCY BATTERY BACK-UP, IN ACCORDANCE WITH SECTION 1006.10.3 AND 301.2.4.5. CBC.
- INDICATES SAFETY GLAZING REQUIRED. PROVIDE SAFETY GLAZING AT WINDOWS IN 2-HR HORIZONTALS OF DOORS, AND ADJACENT TO STAIRS, LANDINGS, AND FIRE ESCAPE LANDINGS.

CABINERY PLAN LEGEND

LETTERS INDICATES CABINET TYPE, TYP. NUMBERS INDICATES CABINET WIDTH IN INCHES, TYP. GENERAL CONTRACTOR TO FIELD VERIFY PRIOR TO ORDERING CABINETS.

| | | | |
|----|---------------------|------|---|
| B | BASE CABINET | W | WALL CABINET |
| BB | BUND BASE CABINET | BW | BUND WALL CABINET |
| CB | CORNER BASE CABINET | | |
| DB | DRAWER BASE CABINET | BADA | WALL HUNG ADA |
| SB | SINK BASE CABINET | VADA | COORINATE BASE (B) OR VANITY (V) CABINET WITH INDOOR APPROACH CLEARANCE |
| VB | VANITY BASE | | |
| T | TALL CABINET | | |

NOTE: PROVIDE SOLID WOOD BLOCKING IN NEW AND EXISTING WALLS AS REQUIRED TO SECURELY ANCHOR NEW CABINERY.



SECOND FLOOR NEW WORK PLAN
 1 A3.02 3/16" = 1'-0"

**PRELIMINARY
 NOT FOR CONSTRUCTION**

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 DEVELOPMENT • CONSTRUCTION • MANAGEMENT

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 10.27.2022
 PERMIT REVISION 1

SECOND FLOOR
 NEW WORK PLAN

A3.02

HISTORIC GENERAL NOTES

- ALL TILE FLOORING, EXPOSED OR CURRENTLY COVERED BY CONTEMPORARY FLOOR FINISHES, IN ELEVATOR LOBBIES, CORRIDORS, AND WITHIN OFFICE AREAS TO REMAIN IN PLACE.
- NOTIFY ARCHITECT TO REVIEW FLOORING AFTER EXISTING CONTEMPORARY FLOORING IS REMOVED.
- PAINTED WOOD WINDOW CASINGS IS TYPICALLY PRESENT AT EXTERIOR OPENINGS (SEE ILLUSTRATED). WINDOW CASING IS TO REMAIN IN PLACE. REPAIR TO MATCH HISTORIC AS REQD. PRIME AND PAINT. CONTRACTOR SHALL REPAIR WINDOW CASING, SILLS, AND APRONS IN DWELLING UNITS AND COMMON SPACES TO MATCH HISTORIC CONDITION. CASING AND SILLS ARE TYPICALLY MISSING OR DAMAGED DUE TO PREVIOUS INSTALLATION OF RADIATOR COVERS. PROVIDE NEW WINDOW CASING, SILLS, AND APRONS TO CLOSELY MATCH HISTORIC PROFILES WHERE HISTORIC ELEMENTS ARE MISSING OR DAMAGED. PRIME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.
- PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED WHERE INDICATED ON PLANS. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND COMMON SPACES TO MATCH HISTORIC CONDITION. CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND COMMON SPACES. SALVAGE WOOD BASEBOARD AT INTERIOR OFFICE WALLS AND INSTALL IN MISSING PERIMETER EXTERIOR WALL LOCATIONS. CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD BASEBOARD TO MATCH HISTORIC BASEBOARD PROFILE AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES AT REMAINING LOCATIONS WHERE HISTORIC BASEBOARD IS MISSING OR DAMAGED. NEW BASEBOARD ON INTERIOR WALLS WILL NOT MATCH HISTORIC PROFILE. PRIME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.

HISTORIC KEYED NOTES

- MARBLE HANICOT TO REMAIN.
- MARBLE HANICOT PANELS TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT / TRASH ROOM CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH EXISTING CONFIGURATION. EXCESS SALVAGED MARBLE TO BE APPLIED WHERE MISSING AT SOUTH WALL OF SECOND FLOOR LOBBY.
- MARBLE THRESHOLD TO BE REMOVED.
- PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED WHERE INDICATED ON PLANS. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND COMMON SPACES TO MATCH HISTORIC CONDITION. CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES. SALVAGE WOOD BASEBOARD AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES AT REMAINING LOCATIONS WHERE HISTORIC BASEBOARD IS MISSING OR DAMAGED. NEW BASEBOARD ON INTERIOR WALLS WILL NOT MATCH HISTORIC PROFILE. PRIME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.
- PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED WHERE INDICATED ON PLANS. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND COMMON SPACES TO MATCH HISTORIC CONDITION. CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES. SALVAGE WOOD BASEBOARD AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES AT REMAINING LOCATIONS WHERE HISTORIC BASEBOARD IS MISSING OR DAMAGED. NEW BASEBOARD ON INTERIOR WALLS WILL NOT MATCH HISTORIC PROFILE. PRIME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.
- PAINTED WOOD PICTURE RAIL TO REMAIN. CONTRACTOR SHALL REPAIR HISTORIC PICTURE RAIL AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS. SALVAGE WOOD PICTURE RAIL PROFILE AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS WHERE ANY HISTORIC PICTURE RAIL IS PRESENT TO COMPLETE THE EXTERIOR WALLS. DO NOT INSTALL NEW PICTURE RAIL INSIDE OF DWELLING UNITS WHERE NO HISTORIC PICTURE RAIL IS PRESENT.
- PAINTED WOOD PICTURE RAIL TO REMAIN WHERE STILL EXPOSED AFTER NEW WALL CONSTRUCTION WITHIN FLOOR 11.3. MARBLE LIBRARY STORAGE ROOM. SALVAGE WOOD PICTURE RAIL AT WALL LOCATIONS NOW COVERED BY NEW SHAFT WALL CONSTRUCTION AND REINSTALL IF MISSING AT EXISTING EXPOSED WALLS WITHIN THE ROOM.
- PAINTED WOOD CROWN MOULD TO BE REMOVED.
- PAINTED WOOD DOOR TRANSOM TO BE REMOVED.
- PAINTED WOOD DOOR CASING TO BE REMOVED.
- COVE CEILING REMNANT TO BE REMOVED.
- MARBLE CHUTE AND MARBLE TO REMAIN.
- EXISTING CLAY TILE SHAFT WALL, MARBLE WALL PANELS AND MARBLE SURROUND TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH CONFIGURATION.
- HISTORIC PLASTER CEILING ABOVE CONTEMPORARY SUSPENDED CEILING TO REMAIN INTACT WITH NO DAMAGE DURING CONSTRUCTION.
- HISTORIC METAL ELEVATOR DOORS, METAL PANEL ABOVE DOORS, AND METAL STOP INDICATOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CHUTE SHAFTS AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENINGS/HISTORIC MARBLE SURROUND.
- HISTORIC METAL ELEVATOR DOORS AND METAL PANEL ABOVE DOOR TO BE REMOVED. HISTORIC METAL STOP INDICATOR TO BE CAREFULLY REMOVED AND SALVAGED FOR REINSTALLATION IN NEW METAL PANEL.
- HISTORIC STEEL ELEVATOR DOOR AND FRAME TO BE REMOVED.
- HISTORIC METAL ELEVATOR DOOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CHUTE ELEVATOR SHAFT AND SALVAGED FOR REINSTALLATION WITH DOOR OPENING AND HISTORIC FRAME.
- HISTORIC ELEVATOR DOOR TO BE REMOVED TO ACCOMMODATE NEW FIRE-RATED ELEVATOR DOOR.
- HISTORIC ACCESS DOOR TO REMAIN. DOOR TO BE KEPT SHUT IN THE CLOSED POSITION.
- HISTORIC DOOR TO REMAIN IN PLACE.
- HISTORIC WOOD FINISHED FLOORINGS TO BE REMOVED AND SALVAGED FOR REINSTALLATION AFTER NEW FLOOR STRUCTURE INFILL.

NEW WORK GENERAL NOTES

- ALL LOAD BEARING STRUCTURAL ELEMENTS ARE TO REMAIN UNLESS OTHERWISE NOTED TO BE REMOVED, OR MASONRY OPENINGS ARE CREATED OR MODIFIED. SHORE AND BRACE EXISTING BUILDING AS REQUIRED.
- EXCEPT WHERE NEW DROPPED CEILINGS ARE SHOWN, EXISTING PLASTER CEILINGS ARE TO REMAIN.
- EXISTING NON-HISTORIC STOREFRONT INFILL TO REMAIN THROUGHOUT FIRST FLOOR.
- NORTH ELEVATOR CABS AND MACHINERY TO REMAIN. PROTECT THROUGHOUT DEMOLITION AND CONSTRUCTION. C.C. TO REVIEW CONDITION AND REPAIR AS REQUIRED.
- SEE THE 4 SHEET SERIES FOR TYPICAL KITCHEN, BATHROOM, AND LAUNDRY ELEVATIONS.
- CEILING HEIGHTS INDICATED ARE TO UNDERSCORE OF EXISTING PLASTER FINISH.

NEW WORK KEYED NOTES

- EXISTING NON-RATED ELEVATOR DOOR TO REMAIN.
- VERIFY EXISTING 2-HOUR RATED WALLS AT BOTTOM OF EXISTING STAIR 'A'. THIS IS NOT AN EXIT EXISTING FROM STAIR 'A' ON 3RD FLOOR. THE RATING IS REQUIRED IN ORDER TO PROVIDE A CONTINUOUS FIRE-RATED STAIR ENCLOSURE.
- NEW STEEL 1 1/2" DIA. TUBULAR HANDRAIL, PAINTED, AND MOUNTED 8" ABOVE STAIR nosING AT MIN. 1 1/2" FROM WALL, WHERE CONDITIONS ALLOW. EXISTING 1 1/2" DIA. TUBULAR HANDRAILS TO REMAIN AT TOP AND BOTTOM OF STAIR. RETURN TO WALL AS SHOWN ON FLOOR PLAN.
- PROVIDE NEW STAIR AND LANDING AT STAIR 'B' TRANSITION. FRAME AS REQUIRED WITH FRT WOOD FRAMING. LANDING ELEVATION TO MATCH EXISTING DOOR THRESHOLD ELEVATION. STEPS TO BE MIN. 4" MAX. 7" RISE.
- EXISTING EXPOSED STEEL COLUMN / BEAM TO REMAIN UNLESS OTHERWISE NOTED TO BE REMOVED. PROVIDE 2-HOUR RATED INHUMESCENT COATING WITH THICKNESS AS REQUIRED FOR RATING. TYPICAL FOR ALL NEW OR EXISTING EXPOSED STEEL IN BUILDING. SEE DETAIL 6/A0.3.
- EXISTING ELEVATOR PLATFORM LEFT TO REMAIN.
- EXISTING FREIGHT ELEVATOR TO REMAIN AND BE USED AS PASSENGER ELEVATOR.
- NEW 2-HR FIRE RATED MECHANICAL SHAFT (BASEMENT TO ROOF) TO ROOFTOP MECHANICAL EQUIPMENT. FIRE-RATED DAMPING ARE REQUIRED AT PENETRATIONS OF SHAFT WALLS. ALL PENETRATIONS TO BE IN ACCORDANCE WITH CBC SECTION 714.4. MFP'S DESIGN BUREAU. CONTRACTOR TO VERIFY MINIMUM SIZE.
- NEW CONCRETE SLAB. SEE STRUCTURAL DRAWINGS. EXTENT OF NEW CONCRETE IS UNKNOWN. CONTRACTOR TO COORDINATE.
- NEW CONCRETE SLAB. SEE STRUCTURAL DRAWINGS. EXTENT OF NEW CONCRETE IS UNKNOWN. CONTRACTOR TO COORDINATE. TOP OF NEW CONCRETE ELEVATION TO MATCH ADJACENT CONCRETE FOR LEVEL TRANSITION.
- RESUPPORT EXISTING STAIR AS NECESSARY.
- 2-HOUR FIRE RATED INCLINED ROLLING TRASH CHUTE DISCHARGE DOOR ABOVE DOOR TO BE HELD OPEN BY FURB LINK. COORDINATE PRODUCT SELECTION WITH OWNER.
- NEW CONCRETE STEPS: 7" RISE MAX. 4" RISE MIN. AND 11" MIN. TREAD. FINAL LOCATION OF STEPS TO BE DETERMINED BASED ON NECESSARY EXTENTS OF NEW SLAB. MAINTAIN MINIMUM LANDING DIMENSION FROM DOOR.
- NEW TRASH COMPACTOR. BASIS OF DESIGN: APOLLO 4000 APARTMENT COMPACTOR. COORDINATE PRODUCT SELECTION WITH OWNER. CONTRACTOR TO VERIFY MIN. CLEARANCES AND PRODUCT REQUIREMENTS WITH MFR.
- NEW TRASH CHUTE (BASEMENT - 10TH FLOOR) WITH REFRIGERATE 1/2" BATED CHUTE (INAKE DOORS AND DISCHARGE DOORS IN NEW 2-HOUR FIRE-RATED SHAFT, 30" DIA. TUBULAR, 1/2" GAUGE, ALUMINIZED STEEL, BASIS OF DESIGN: CHUTE SOURCE, LLC - GRAVITY 2 MIXED USE RUBBER CHUTE. COORDINATE PRODUCT SELECTION WITH OWNER. REFER TO SHEET A4.01.
- NEW ELEVATOR IN NEW 2-HOUR FIRE RATED CHUTE SHAFT. SEE STRUCTURAL DRAWINGS. NEW SHAFT SIZE AND DOOR LOCATION BASED ON KONE KONE 4000 4000 300 FRT ELEVATOR. CONTRACTOR TO VERIFY ALL ELEVATOR REQUIREMENTS WITH ELEVATOR MANUFACTURER. PROVIDE ALL CODE REQD. ELEMENTS, INCLUDING, BUT NOT LIMITED TO: SHIP RING, FRT. LASH, CUTLIES, SWITCHES, LIGHT FIXTURES. COORDINATE WITH MFP DESIGN BUREAU. TEAM (UNDER SEPARATE PERMIT). PROVIDE ADDITIONAL TUBE MEMBERS REQD BY KONE FOR ELEVATOR ASSEMBLY. ELEVATOR MUST ACCOMMODATE 5'4" OF AMBULANCE STRETCHER. AS REQD BY CBC 3002.4. NEW ELEVATOR DOOR IS TO BE CENTERED ON THE EXISTING ELEVATOR DOOR OPENING.
- CONTRACTOR TO COORDINATE EXACT LOCATION OF NEW SHAFT. SHAFT DEPTH TO BE VERIFIED IN FIELD IN ORDER TO ALIGN THE NEW SHAFT WALL TO THE INNER FACE OF THE EXISTING BEAM / CLAY TILE WALL AS SHOWN. VERIFY MINIMUM CLEAR DIMENSIONS WITH ELEVATOR MANUFACTURER.
- NEW 2-HOUR FIRE RATED FLOOR INFILL. ALIGN NEW FLOOR STRUCTURE AND SUBFLOOR W/ EXISTING ADJACENT SUBFLOOR. SEE 2/A0.3 AND STRUCTURAL DRAWINGS.
- NEW 2-HR FIRE RATED ELEVATOR CONTROL ROOM IN ACCORDANCE WITH CBC SECTION 3005. CONTRACTOR TO COORDINATE ADDITIONAL REQUIREMENTS WITH ELEVATOR MANUFACTURER.
- RENTAL SUSPENDED SLATED CEILING TO MATCH EXISTING.

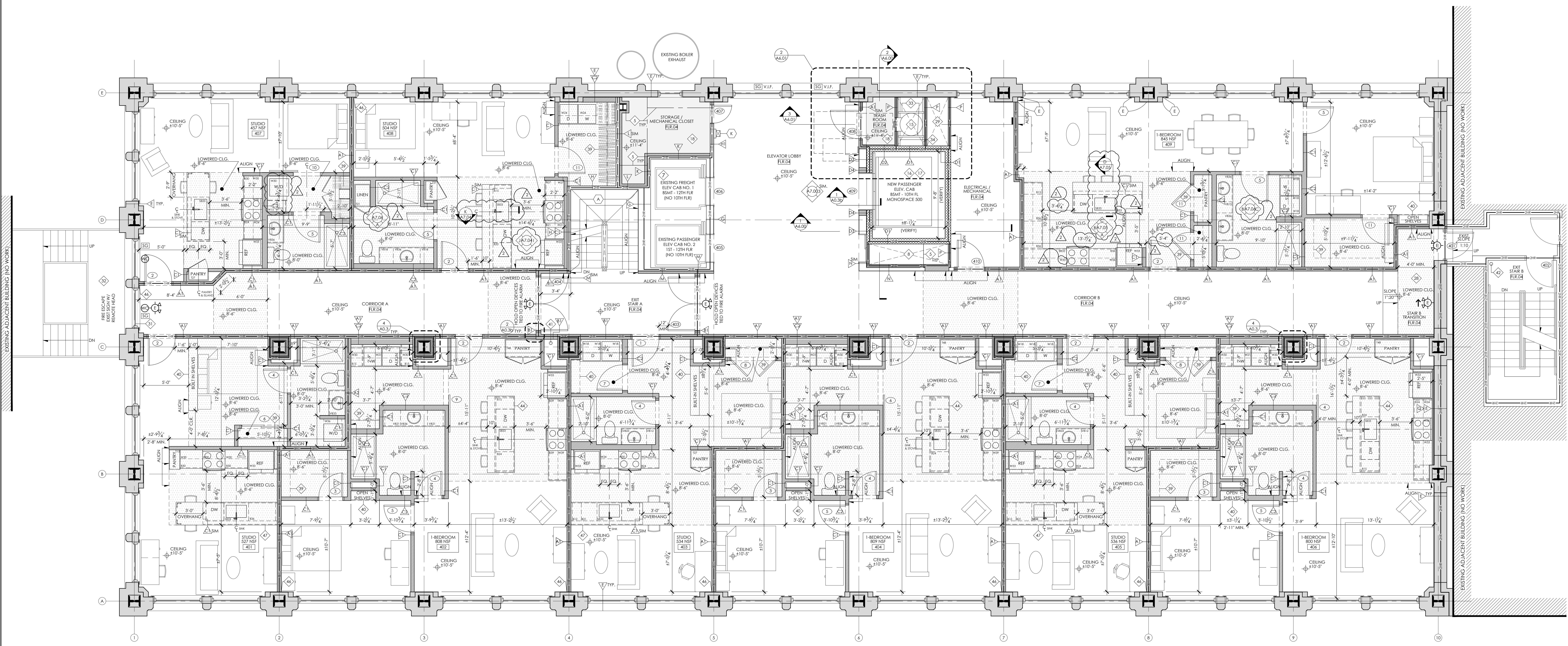
NEW WORK PLAN GRAPHIC LEGEND

- HISTORIC KEYED NOTE
- KEYED NOTE
- WALL TAG. REFER TO WALL TYPE SHEET
- DOOR TAG. REFER TO DOOR SCHEDULE
- EXISTING FRAMED OR CLAY TILE WALL TO REMAIN. REFER TO WALL TAG
- NEW METAL FRAMED FURRING OR WALL. REFER TO WALL TAG
- EXISTING BRICK / STONE MASONRY WALL TO REMAIN. REFER TO WALL TAG
- NEW MASONRY WALL OR MASONRY INFILL (CMU OR BRICK). REFER TO WALL TAG
- INDICATES FIRE RESISTANCE RATING WALL REQUIREMENT
- INDICATES WALL PROVIDING TWO-HOUR FIRE-RESISTANCE RATING (FIRE BARRIER)
- EXISTING BEAM - SEE STRUCTURAL DRAWINGS
- EXISTING COLUMN CENTERLINE
- HATCH INDICATES AREA OF NEW LOWERED C/P. (DO. CEILING ABOVE). DASHED LINE INDICATES FACE OF SOFFIT (ABOVE). HEIGHT INDICATED ON PLANS. SEE DETAIL 7/A0.3.
- HATCH INDICATES AREA OF NEW 2-HR BATED FLOOR INFILL. SEE 2/A0.3. REFER TO STRUCTURAL DRAWING.
- HATCH INDICATES AREA OF NEW CONCRETE SLAB (REFER TO STRUCTURAL DRAWINGS)
- EXISTING DOOR AND FRAME. REFER TO DOOR TAGS AND DOOR SCHEDULE
- NEW DOOR AND FRAME. REFER TO DOOR TAGS AND DOOR SCHEDULE
- EXISTING WINDOW UNIT
- INDICATES WATER CURTAIN INSTALLED AT THE INTERIOR SIDE OF WINDOWS ADJACENT TO THE FIRE ESCAPE PATH OR TRAVEL FIRE CORRIDOR (APARTMENT OF BUILDING AND INFILTRATION ACCEPTED ALTERNATIVE ENGINEERED DESIGN (IBC 106.3).
- EXIT SIGN AND EMERGENCY EXITS LIGHTING. TO BE CONNECTED TO THE BUILDING'S ELECTRIC SUPPLY AND W/ TALEGENT BATTERY BACK-UP IN ACCORDANCE WITH SECTION 1003 AND 901.2.15. CBC.
- INDICATES SAFETY GLASSING REQUIRED. PROVIDE SAFETY GLASSING AT WINDOWS W/ R-2+ HORIZONTALS OF DOORS, AND ADJACENT TO STAIRS, LANDINGS, AND FIRE ESCAPE LANDINGS.

CABINETRY PLAN LEGEND

| | | | |
|--------------------------------------|--|------|--|
| LETTERS INDICATES CABINET TYPE, TYP. | NUMBERS INDICATES CABINET WIDTH IN INCHES, TYP. | | |
| XXXX | GENERAL CONTRACTOR TO FIELD VERIFY PRIOR TO ORDERING CABINETS. | | |
| CABINET TYPE ABBREVIATIONS: | | | |
| B | BASE CABINET | W | WALL CABINET |
| BB | BUND BASE CABINET | BW | BUND WALL CABINET |
| CB | CORNER BASE CABINET | | |
| DB | DRAWER BASE CABINET | BADA | WALL HUNG ADA COMPLIANT BASE (B) |
| SB | SINK BASE CABINET | VADA | VANITY (V) CABINET WITH APPROACH CLEARANCE |
| VB | VANITY BASE CABINET | | |
| T | TALL CABINET | | |

NOTE: PROVIDE SOLID WOOD BLOCKING IN NEW AND EXISTING WALLS AS REQUIRED TO SECURELY ANCHOR NEW CABINETRY.



FOURTH FLOOR NEW WORK PLAN
A3.04 1/4" = 1'-0"

MERCANTILE LIBRARY BUILDING
414 WALNUT STREET
CINCINNATI, OH 45202

modelgroup
DEVELOPMENT - CONSTRUCTION - MANAGEMENT

ISSUE LOG:
08.17.2022 ISSUE FOR PERMIT
10.27.2022 PERMIT REVISION 1
12.27.2022 BULLETIN 1

FOURTH FLOOR
NEW WORK PLAN

A3.04

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HISTORIC GENERAL NOTES

- ALL TILE FLOORING, EXPOSED OR CURRENTLY COVERED BY CONTEMPORARY FLOOR FINISHES, IN ELEVATOR LOBBIES, CORRIDORS, AND WITHIN OFFICE AREAS TO REMAIN IN PLACE.
- NOTIFY ARCHITECT TO REVIEW FLOORING AFTER EXISTING CONTEMPORARY FLOORING IS REMOVED.
- PAINTED WOOD WINDOW CASINGS IS TYPICALLY PRESENT AT EXTERIOR OPENINGS (SEE ILLUSTRATED). WINDOW CASING IS TO REMAIN IN PLACE. REPAIR TO MATCH HISTORIC AS REQD. PRIME AND PAINT. CONTRACTOR SHALL REPAIR WINDOW CASING, SILLS, AND APPROX IN DWELLING UNITS AND COMMON SPACES TO MATCH HISTORIC CONDITION. CASING AND SILLS ARE TYPICALLY MISSING OR DAMAGED DUE TO PREVIOUS INSTALLATION OF RADICATOR COVERS. PROVIDE NEW WINDOW CASING, SILLS, AND APPROX TO CLOSELY MATCH HISTORIC PROFILES WHERE HISTORIC ELEMENTS ARE MISSING OR DAMAGED. PRIME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.
- PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED WHERE INDICATED ON PLANS. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (SEE ILLUSTRATED). CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND COMMON SPACES. SALVAGE WOOD BASEBOARD AT INTERIOR OFFICE WALLS AND INSTALL IN MISSING PERIMETER EXTERIOR WALL LOCATIONS. CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD BASEBOARD TO MATCH HISTORIC BASEBOARD PROFILE AT PERIMETER EXTERIOR WALLS AND IN COMMON SPACES AT REMAINING LOCATIONS WHERE HISTORIC BASEBOARD IS MISSING OR DAMAGED. NEW BASEBOARD ON INTERIOR WALLS WILL NOT MATCH HISTORIC PROFILE. PRIME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.

HISTORIC KEYED NOTES

- MARBLE HANICOT TO REMAIN.
- MARBLE HANICOT PANELS TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT / TRASH ROOM CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH EXISTING CONFIGURATION. EXCESS SALVAGE MARBLE TO BE APPLIED WHERE MISSING AT SOUTH WALL OF SECOND FLOOR LOBBY.
- MARBLE THRESHOLD TO BE REMOVED.
- PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED WHERE INDICATED ON PLANS. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (SEE ILLUSTRATED). CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES. SALVAGE WOOD BASEBOARD AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES AT REMAINING LOCATIONS WHERE HISTORIC BASEBOARD IS MISSING OR DAMAGED. NEW BASEBOARD ON INTERIOR WALLS WILL NOT MATCH HISTORIC PROFILE. PRIME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.
- PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED FOR REINSTALLATION IN SAME LOCATION WHERE STILL EXPOSED AFTER NEW FLOOR INFL. NEW WALL CONSTRUCTION WITHIN FLOOR 113 MICRITILE LIBRARY STORAGE ROOM. PRIME AND PAINT. COLOR TO BE SELECTED BY ARCHITECT.
- PAINTED WOOD PICTURE RAIL TO REMAIN. CONTRACTOR SHALL REPAIR HISTORIC PICTURE RAIL AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS. SALVAGE WOOD PICTURE RAIL AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS WHERE ANY HISTORIC PICTURE RAIL IS PRESENT TO COMPLETE THE EXTERIOR WALLS. DO NOT INSTALL NEW PICTURE RAIL INSIDE OF DWELLING UNITS WHERE NO HISTORIC PICTURE RAIL IS PRESENT.
- PAINTED WOOD PICTURE RAIL TO REMAIN WHERE STILL EXPOSED AFTER NEW WALL CONSTRUCTION WITHIN FLOOR 113 MICRITILE LIBRARY STORAGE ROOM. SALVAGE WOOD PICTURE RAIL AT WALL LOCATIONS NOW COVERED BY NEW SHAF WALL CONSTRUCTION AND REINSTALL IF MISSING AT EXISTING EXPOSED WALLS WITHIN THE ROOM.
- PAINTED WOOD CROWN MOULD TO BE REMOVED.
- PAINTED WOOD DOOR TRANSOM TO BE REMOVED.
- PAINTED WOOD DOOR CASING TO BE REMOVED.
- COVE CEILING REMNANT TO BE REMOVED.
- MARBLE CHUTE AND MARBLE TO REMAIN.
- EXISTING CLAY TILE SHAF WALL, MARBLE WALL PANELS AND MARBLE SURROUND TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH CONFIGURATION.
- HISTORIC PLASTER CEILING ABOVE CONTEMPORARY SUSPENDED CEILING TO REMAIN INTACT WITH NO DAMAGE DURING CONSTRUCTION.
- HISTORIC METAL ELEVATOR DOORS, METAL PANEL ABOVE DOORS, AND METAL STOP INDICATOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW ELEVATOR SHAFTS AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENINGS/HISTORIC MARBLE SURROUND.
- HISTORIC METAL ELEVATOR DOORS AND METAL PANEL ABOVE DOOR TO BE REMOVED. HISTORIC METAL STOP INDICATOR TO BE CAREFULLY REMOVED AND SALVAGED FOR REINSTALLATION IN NEW METAL PANEL.
- HISTORIC STEEL ELEVATOR DOOR AND FRAME TO BE REMOVED.
- HISTORIC METAL ELEVATOR DOOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CHUTE ELEVATOR SHAF AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENING AND HISTORIC FRAME.
- HISTORIC ELEVATOR DOOR TO BE REMOVED TO ACCOMMODATE NEW FIRE-RATED ELEVATOR DOOR.
- HISTORIC ACCESS DOOR TO REMAIN. DOOR TO BE KEPT SHUT IN THE CLOSED POSITION.
- HISTORIC DOOR TO REMAIN IN PLACE.
- HISTORIC WOOD FINISHED FLOORINGS TO BE REMOVED AND SALVAGED FOR REINSTALLATION AFTER NEW FLOOR STRUCTURE INFL.

NEW WORK GENERAL NOTES

- ALL LOAD BEARING STRUCTURAL ELEMENTS ARE TO REMAIN UNLESS OTHERWISE NOTED TO BE REMOVED, OR MASONRY OPENINGS ARE CREATED OR MODIFIED. SHORE AND BRACE EXISTING BUILDING AS REQUIRED.
- EXCEPT WHERE NEW DROPPED CEILINGS ARE SHOWN, EXISTING PLASTER CEILINGS ARE TO REMAIN.
- EXISTING NON-HISTORIC STOREFRONT INFILL TO REMAIN THROUGHOUT FIRST FLOOR.
- NORTH ELEVATOR CABS AND MACHINERY TO REMAIN. PROTECT THROUGHOUT DEMOLITION AND CONSTRUCTION. C.C. TO REVIEW CONDITION AND REPAIR AS REQUIRED.
- SEE THE 4 SHEET SERIES FOR TYPICAL KITCHEN, BATHROOM, AND LAUNDRY ELEVATIONS.
- CEILING HEIGHTS INDICATED ARE TO UNDERSEDE OF EXISTING PLASTER FINISH.
- EXISTING NON-RATED ELEVATOR DOOR TO REMAIN.
- VERIFY EXISTING 2-HOUR RATED WALLS AT BOTTOM OF EXISTING STAIR 'A'. THIS IS NOT AN EXIT EXISTING FROM STAIR 'A' ON 3RD FLOOR. THE RATING IS REQUIRED IN ORDER TO PROVIDE A CONTINUOUS FIRE-RATED STAIR ENCLOSURE.
- NEW STEEL 1 1/2" DIAMETER HORIZONTAL PARTIAL AND MOUNTED 8" ABOVE STAIR HOODING AT MIN. 1 1/2" FROM WALL, WHERE CONDITIONS ALLOW. EXTEND 12" HORIZONTALLY AT TOP OF STAIR AND EXTEND DIAGONALLY (1) TREAD DEPTH AT BOTTOM, RETURN HORIZONTAL TO WALL AS SHOWN ON FLOOR PLAN (THREE PLAN CONFIGURATION ALLOWED), OTHERWISE RETURN TO FLOOR. 42" SQUARE OPENING HANDRAILS 12" HORIZONTALLY AT TOP AND BOTTOM OF RAMP. RETURN TO WALL AS SHOWN ON FLOOR PLAN.
- PROVIDE NEW STEEL AND LANDING AT STAIR 'B' TRANSITION. FRAME AS REQUIRED WITH FRT WOOD FRAMING. LANDING ELEVATION TO MATCH EXISTING DOOR THRESHOLD ELEVATION. STEPS TO BE MIN. 4" MAX. 7" RISE.
- EXISTING EXPOSED STEEL COLUMN / BEAM TO REMAIN UNLESS OTHERWISE NOTED. PROVIDE 2-HOUR RATED INHUMESCENT COATING WITH THICKNESS AS REQUIRED FOR RATING. TYPICAL FOR ALL NEW OR EXISTING EXPOSED STEEL IN BUILDING. SEE DETAIL 6/A0.3.
- EXISTING ELEVATOR PLATFORM LEFT TO REMAIN.
- EXISTING FREIGHT ELEVATOR TO REMAIN AND BE USED AS PASSENGER ELEVATOR.
- NEW 2-HR FIRE RATED MECHANICAL SHAF (BASEMENT TO ROOF) TO ROOFTOP MECHANICAL EQUIPMENT. FIRE-RATED DAMPING ARE REQUIRED AT PENETRATIONS OF SHAF WALLS. ALL PENETRATIONS TO BE IN ACCORDANCE WITH CBC SECTION 714.4. MEP'S DESIGN BUILD. CONTRACTOR TO VERIFY MINIMUM SIZE.
- NEW CONCRETE SLAB. SEE STRUCTURAL DRAWINGS. EXTENT OF NEW CONCRETE IS UNKNOWN. CONTRACTOR TO COORDINATE.
- NEW CONCRETE SLAB. SEE STRUCTURAL DRAWINGS. EXTENT OF NEW CONCRETE IS UNKNOWN. CONTRACTOR TO COORDINATE. TOP OF NEW CONCRETE ELEVATION TO MATCH ADJACENT CONCRETE FOR LEVEL TRANSITION.
- RESUPPORT EXISTING STAIR AS NECESSARY.
- 2-HOUR FIRE RATED INCLINED ROLLING TRASH CHUTE DISCHARGE DOOR ABOVE. DOOR TO BE HELD OPEN BY FURB LINK. COORDINATE PRODUCT SELECTION WITH OWNER.
- NEW CONCRETE STEPS. 7" RISE MAX. 4" RISE MIN. AND 11" MIN. TREAD. FINAL LOCATION OF STEPS TO BE DETERMINED BASED ON NECESSARY EXTENTS OF NEW SLAB. MAINTAIN MINIMUM LANDING DIMENSION FROM DOOR.
- NEW TRASH COMPACTOR. BASIS OF DESIGN: APOLLO 4000 APARTMENT COMPACTOR. COORDINATE PRODUCT SELECTION WITH OWNER. CONTRACTOR TO VERIFY MIN. CLEARANCES AND PRODUCT REQUIREMENTS WITH MFR.
- NEW TRASH CHUTE (BASEMENT - 10TH FLOOR) WITH REFRIGERATE 2-HOUR RATED CHUTE (INAKE DOORS AND DISCHARGE DOORS IN NEW 2-HOUR FIRE-RATED SHAF. 30" DIA. 16 GAUGE. AUTOMATED STEEL. BASIS OF DESIGN: CHUTE SOURCE, LLC - GRAVITY 2 MIXED USE RUBBER CHUTE. COORDINATE PRODUCT SELECTION WITH OWNER. REFER TO SHEET A4.01.
- NEW ELEVATOR IN NEW 2-HOUR FIRE RATED CHUTE SHAF. SEE STRUCTURAL DRAWINGS. NEW SHAF SIZE AND DOOR LOCATION BASED ON KONE KONE 300 4000. 300 MIN. ELEVATOR. CONTRACTOR TO VERIFY ALL ELEVATOR REQUIREMENTS WITH ELEVATOR MANUFACTURER. PROVIDE ALL CODE REQD. ELEMENTS, INCLUDING, BUT NOT LIMITED TO: SHIP RING, PFL, LASH, CURETS, SWITCHES, LIGHT FIXTURES. COORDINATE WITH MEP DESIGN-BUILD TEAM (UNDER SEPARATE PERMIT). PROVIDE ADDITIONAL TUBE MEMBERS REQD BY KONE FOR ELEVATOR ASSEMBLY. ELEVATOR MUST ACCOMMODATE 54" OF AMBULANCE STRETCHER. AS REQD BY CBC 3002.4. NEW ELEVATOR DOOR IS TO BE CENTERED ON THE EXISTING ELEVATOR DOOR OPENING.
- CONTRACTOR TO COORDINATE EXACT LOCATION OF NEW SHAF. SHAF DEPTH TO BE VERIFIED IN FIELD IN ORDER TO ALIGN THE NEW SHAF WALL TO THE INNER FACE OF THE EXISTING BEAM / CLAY TILE WALL AS SHOWN. VERIFY MINIMUM CLEAR DIMENSIONS WITH ELEVATOR MANUFACTURER.
- NEW 2-HOUR FIRE RATED FLOOR INFL. ALIGN NEW FLOOR STRUCTURE AND SUBROOF W/ EXISTING ADJACENT SUBROOF. SEE 2/A0.3 AND STRUCTURAL DRAWINGS.
- NEW 2-HR FIRE RATED ELEVATOR CONTROL ROOM IN ACCORDANCE WITH CBC SECTION 3005. CONTRACTOR TO COORDINATE ADDITIONAL REQUIREMENTS WITH ELEVATOR MANUFACTURER.
- RENTAL SUSPENDED SLATED CEILING TO MATCH EXISTING.

NEW WORK KEYED NOTES

- EXISTING NON-RATED ASSEMBLY ABOVE AT 3RD FLOOR TO SEPARATE TRASH CHUTE SHAF FROM 3RD - ROOF MECHANICAL SHAF. SEE 2/A0.3 AND STRUCTURAL DRAWINGS.
- EXISTING ROOFING TO REMAIN.
- MECHANICAL DUCT TO ROOFTOP EQUIPMENT. CONTRACTOR TO VERIFY SIZE OF SHAF REQUIRED AND DUCT EXTENSION / TERMINATION REQUIREMENTS.
- CONTRACTOR TO PROVIDE SHAF TERMINATION AT LINE OF ROOF AS REQUIRED.
- NEW NON-COMBUSTIBLE 2-HOUR RATED FLOOR CONSTRUCTION AT EXISTING ELEVATOR ROOM. 113 FLOOR INFL IS THE FIRE-RATED CHUTE SHAF. CHUTE SHAF WALLS TO TERMINATE AT THE UNDERSIDE OF THE NEW FLOOR STRUCTURE. REFER TO 2/A0.3 AND STRUCTURAL DRAWINGS.
- PROVIDE NEW STEEL AND LANDING AT 10TH FLOOR STORAGE CLOSET. FRAME AS REQUIRED WITH FRT WOOD FRAMING. LANDING ELEVATION TO MATCH EXISTING DOOR THRESHOLD ELEVATION. STEPS TO BE MIN. 4" MAX. 7" RISE.
- CONTRACTOR TO DETERMINE LOCATION / SIZE / CONFIGURATION OF EXISTING OPENING IN EXTERIOR WALL. PROVIDE 2-HOUR FIRE RATED INFILL AT THIS OPENING OR OTHER EXTERIOR WALL OPENINGS UNCOVERED DURING SELECTIVE DEMOLITION.
- PROVIDE NEW SLOPE / RAMP AND LANDING AT STAIR 'B' TRANSITION. FRAME AS REQUIRED WITH FRT WOOD FRAMING. LANDING ELEVATION TO MATCH EXISTING DOOR THRESHOLD ELEVATION.
- NEW 2-HOUR FIRE RATED MECHANICAL SHAF THROUGH TO ROOF (3RD FLOOR - ROOF) TO ROOFTOP MECHANICAL EQUIPMENT. FIRE-RATED DAMPERS ARE REQUIRED AT PENETRATIONS OF SHAF WALLS. ALL PENETRATIONS TO BE IN ACCORDANCE WITH CBC SECTION 714.4. MEP WORK DESIGN-BUILD. CONTRACTOR TO VERIFY MINIMUM SIZE.
- PROVIDE NEW GATE AT STAIR 'A' TO PREVENT EGRESS DOWN STAIR TO LEVEL 2. GATE STYLE AND FINISH TO BE SELECTED BY OWNER / ARCHITECT. CONTRACTOR TO SECURE GATE TO FLOOR SURFACE (NOT INTO HISTORIC MARBLE).
- EXISTING FIRE ESCAPE ACCESS DOUBLE-HUNG WINDOW TO REMAIN. REPAIR WINDOW AS REQUIRED FOR SMOOTH AND FUNCTIONAL WINDOW OPERATION.
- EXISTING FIRE ESCAPE IS TO REMAIN. FIRE ESCAPE EVALUATION AND ASSOCIATED REPAIRS ARE TO BE UNDER A SEPARATE PERMIT.
- TRASH CHUTE STEEL ANGLE FLOOR FRAME BY CHUTE MANUFACTURER. TYP AT EACH FLOOR. INSTALL TRASH CHUTE PER MANUFACTURER'S INSTRUCTIONS. CONTRACTOR TO COORDINATE.
- NEW STRUCTURAL CHANNELS FOR TRASH CHUTE FLOOR FRAME BEARING. MAINTAIN 31" CLEAR BETWEEN MEMBERS. VERIFY WITH CHUTE MANUFACTURER. CHANNELS ARE NOT REQUIRED TO BE FIRE-RATED. REFER TO SHEET A4.01 AND STRUCTURAL DRAWINGS.
- LOWER PANEL AND LOWER BOX FOR TRASH CHUTE HORIZONTAL TERMINATION TO EXTERIOR AT FLOOR 10. REFER TO DETAIL 1/A0.01. COORDINATE REQUIREMENTS WITH TRASH CHUTE MANUFACTURER.
- NEW 2-HOUR FIRE RATED CONCRETE SLAB ON METAL DECK FLOOR INFL. ALIGN NEW FLOOR W/ EXISTING ADJACENT SUBROOF. SEE 2/A0.3 AND STRUCTURAL DRAWINGS.
- CLOSEST ORGANIZATION SYSTEM BY VENDOR. CONTRACTOR TO COORDINATE.
- NEW BUILT-IN SINKING. CONTRACTOR TO COORDINATE WITH OWNER AND MILLWORK SUPPLIER. SEE INTERIOR ELEVATIONS.
- NEW STAINLESS STEEL SPRINKLER SYSTEM IS DESIGN-BUILD AND WILL BE SUBMITTED UNDER A SEPARATE PERMIT. CONTRACTOR TO VERIFY EXACT LOCATION.
- APPROXIMATE LOCATION OF EXISTING STAINLESS STEEL SPRINKLER SYSTEM IS DESIGN-BUILD UNDER A SEPARATE PERMIT.
- NEW 2-HR FIRE RATED SHAF WALL ASSEMBLY INSTALLED HORIZONTALLY BELOW EXISTING FIRE-RATED CEILING ASSEMBLY ABOVE. TYPICAL AT ALL LOWERED CORRIDOR CEILING 3RD FLOOR. REFER TO 2/A0.3.
- FLUSHING AND ELECTRICAL WORK FOR SHAF AND TO BE LOCATED INSIDE CABINERY. CONTRACTOR TO COORDINATE WITH MILLWORK SUPPLIER.
- CONTRACTOR TO VERIFY THE EXTENTS OF THE EXISTING BASED SLAB.
- APPROXIMATE LOCATION OF EXISTING HISTORIC WINDOW TRIM OR EXISTING HISTORIC PLASTER WHERE INDICATED ON PLAN. CONTRACTOR TO VERIFY HISTORIC WINDOW TRIM WILL NOT BE INTERRUPTED.
- SLOPE ABOVE TO ALIGN WITH EDGE OF SLATED COUNTER BELOW.
- TRASH DISCHARGE ROOM DOOR, CONTAINER, AND COMPACTOR TO BE CENTERED ON CHUTE ABOVE. CONTRACTOR TO VERIFY EXACT PLACEMENT IN THE FIELD AND VERIFY ALL PRODUCT REQUIREMENTS WITH MFR.
- NEW CONCRETE SLAB WITH SUPPORTING BENT PLATE. REFER TO STRUCTURAL. PROVIDE 3-HR INHUMESCENT COATING ON SUPPORTING STEEL BENT PLATE. SEE 6/A0.3 FOR REQUIRED THICKNESS OF COATING.

NEW WORK PLAN GRAPHIC LEGEND

NEW WORK PLAN GRAPHIC LEGEND

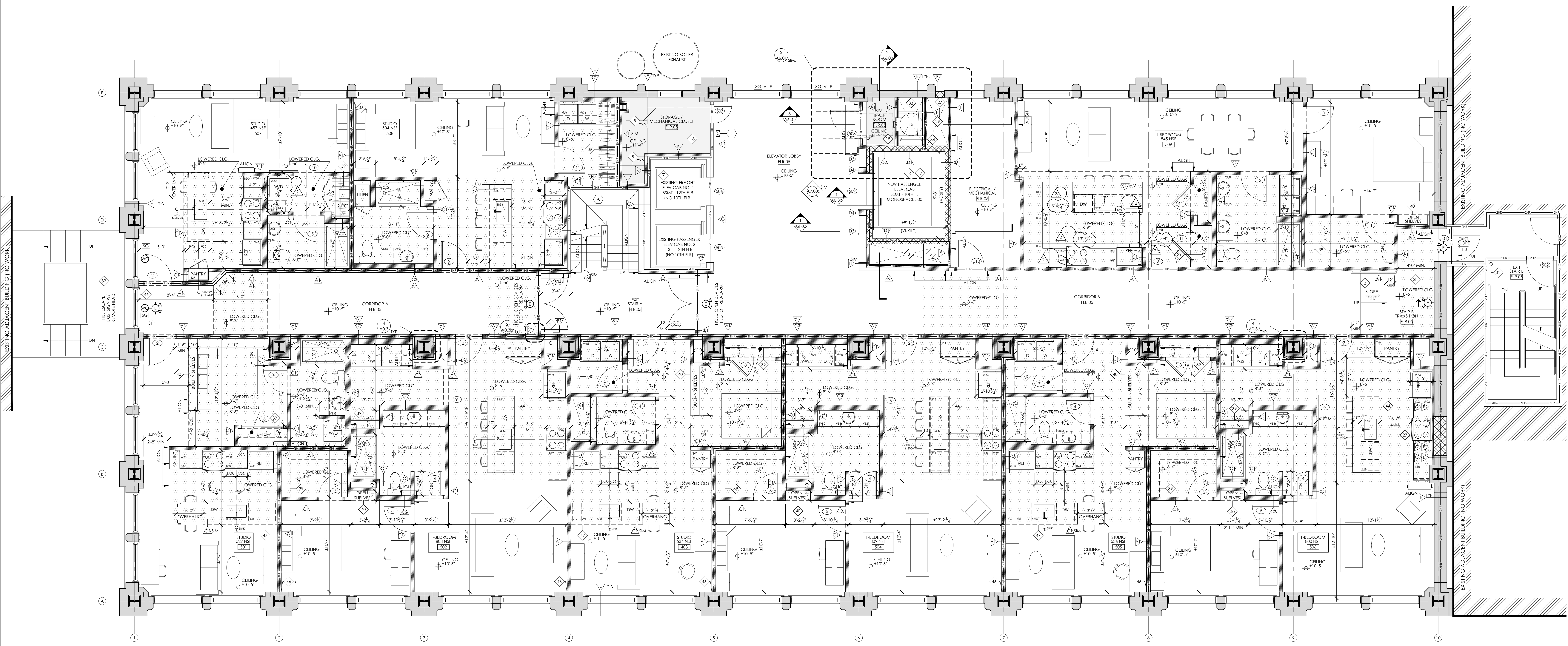
- KEYED NOTE
- WALL TAG. REFER TO WALL TYPE SHEET
- DOOR TAG. REFER TO DOOR SCHEDULE
- EXISTING FRAMED OR CLAY TILE WALL TO REMAIN. REFER TO WALL TAG
- NEW METAL FRAMED FURRING OR WALL. REFER TO WALL TAG
- EXISTING BRICK / STONE MASONRY WALL TO REMAIN. REFER TO WALL TAG
- NEW MASONRY WALL OR MASONRY INFILL (CMU OR BRICK). REFER TO WALL TAG
- INDICATES FIRE RESISTANCE RATING WALL REQUIREMENT
- INDICATES WALL PROVIDING TWO-HOUR FIRE-RESISTANCE RATING (FIRE BARRIER)
- EXISTING BAY. SEE STRUCTURAL DRAWINGS
- EXISTING COLUMN CENTERLINE
- HATCH INDICATES AREA OF NEW LOWERED GYP. BD. CEILING (ABOVE). DASHED LINE INDICATES FACE OF SOFFIT (ABOVE). HEIGHT INDICATED ON PLANS. SEE DETAIL 7/A0.3.
- HATCH INDICATES AREA OF NEW 2-HR RATED FLOOR INFL. SEE 2/A0.3. REFER TO STRUCTURAL DRAWINGS.
- HATCH INDICATES AREA OF NEW CONCRETE SLAB (REFER TO STRUCTURAL DRAWINGS).
- EXISTING DOOR AND FRAME. REFER TO DOOR TAGS AND DOOR SCHEDULE
- NEW DOOR AND FRAME. REFER TO DOOR TAGS AND DOOR SCHEDULE
- EXISTING WINDOW UNIT
- INDICATES WATER CURTAIN INSTALLED AT THE INTERIOR SIDE OF WINDOWS ADJACENT TO THE FIRE ESCAPE OR TRAVEL FIRE ESCAPE DEPARTMENT OF BUILDINGS AND INFLECTIONS ACCEPTED ALTERNATIVE ENGINEERED DESIGN (IBC 106.3).
- EXISTING AND EMERGENCY (EYES) LIGHTS. TO BE CONNECTED TO THE BUILDING'S ELECTRIC SUPPLY AND W/ THERMOCOOL BATTERY BACK-UP IN ACCORDANCE WITH SECTION 1003 AND 301.2.15. CBC.
- INDICATES SAFETY GLASSING REQUIRED. PROVIDE SAFETY GLASSING AT WINDOWS W/ R-2+ HORIZONTALLY OF DOORS, AND ADJACENT TO STAIRS, LANDINGS, AND FIRE ESCAPE LANDINGS.

CABINERY PLAN LEGEND

LETTERS INDICATES CABINET TYPE. TYP. NUMBERS INDICATES CABINET WIDTH IN INCHES. TYP. GENERAL CONTRACTOR TO FIELD VERIFY PRIOR TO ORDERING CABINETS.

| | | | |
|----|---------------------|------|---|
| B | BASE CABINET | W | WALL CABINET |
| BB | BUNGLE BASE CABINET | BW | BUNGLE WALL CABINET |
| CB | CORNER BASE CABINET | | |
| DB | DRAWER BASE CABINET | BADA | WALL HUNG ADA COMPLIANT BASE (BI OR VANITY) (V) CABINET WITH APPROACH CLEARANCE |
| SB | SINK BASE CABINET | VADA | VANITY (V) CABINET WITH APPROACH CLEARANCE |
| VB | VANITY BASE CABINET | | |
| T | TALL CABINET | | |

NOTE: PROVIDE SOLID WOOD BLOCKING IN NEW AND EXISTING WALLS AS REQUIRED TO SECURELY ANCHOR NEW CABINETS.



FIFTH FLOOR NEW WORK PLAN
A3.05 1/4" = 1'-0"

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FIFTH FLOOR
NEW WORK PLAN

A3.05

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- NOTIFY ARCHITECT TO REVIEW FLOORING AFTER EXISTING CONTEMPORARY FLOORING IS REMOVED.
- PAINTED WOOD WINDOW CASINGS ARE TYPICALLY PRESENT AT EXTERIOR OPENINGS (SEE ILLUSTRATED). WINDOW CASINGS TO REMAIN IN PLACE. REPAIR TO MATCH HISTORIC AS REQD. PRIME AND PAINT. CONTRACTOR SHALL REPAIR WINDOW CASINGS, SILLS, AND ARCHES IN DWELLING UNITS AND COMMON SPACES TO MATCH HISTORIC CONDITION. CASING AND SILLS ARE TYPICALLY MISSING OR DAMAGED DUE TO PREVIOUS INSTALLATION OF RADICATOR COVERS. PROVIDE NEW WINDOW CASINGS, SILLS, AND ARCHES TO CLOSELY MATCH HISTORIC PROFILES WHERE HISTORIC ELEMENTS ARE MISSING OR DAMAGED. PRIME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.
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HISTORIC KEYED NOTES

- MARBLE WAINSCOT TO REMAIN.
- MARBLE WAINSCOT PANELS TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT / TRASH ROOM CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH EXISTING CONFIGURATION. EXCESS SALVAGED MARBLE TO BE APPLIED WHERE MISSING AT SOUTH WALL OF SECOND FLOOR LOBBY.
- MARBLE THRESHOLD TO BE REMOVED.
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- PAINTED WOOD PICTURE RAIL TO REMAIN. CONTRACTOR SHALL REPAIR HISTORIC PICTURE RAIL AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS. SALVAGE HISTORIC PICTURE RAIL PROFILE AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS WHERE ANY HISTORIC PICTURE RAIL IS PRESENT TO COMPLETE THE EXTERIOR WALLS. DO NOT INSTALL NEW PICTURE RAIL INSIDE OF DWELLING UNITS WHERE NO HISTORIC PICTURE RAIL IS PRESENT.
- PAINTED WOOD PICTURE RAIL TO REMAIN WHERE STILL EXPOSED AFTER NEW WALL CONSTRUCTION WITHIN FLOOR 11.3. MARBLE LIBRARY STORAGE ROOM. SALVAGE WOOD PICTURE RAIL AT WALL LOCATIONS NOW COVERED BY NEW SHAF WALL CONSTRUCTION AND REINSTALL IF MISSING AT EXISTING EXPOSED WALLS WITHIN THE ROOM.
- PAINTED WOOD PICTURE RAIL TO BE REMOVED. SALVAGE. SEE HISTORIC KEYED NOTE.
- PAINTED WOOD CROWN MOULD TO BE REMOVED.
- PAINTED WOOD DOOR TRANSOM TO BE REMOVED.
- PAINTED WOOD DOOR CASING TO BE REMOVED.
- COVE CEILING REMNANT TO BE REMOVED.
- MARBLE CHUTE AND MARBLE TO REMAIN.
- EXISTING CLAY TILE SHAF WALL, MARBLE WALL PANELS AND MARBLE SURROUND TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH CONFIGURATION.
- HISTORIC PLASTER CEILING ABOVE CONTEMPORARY SUSPENDED CEILING TO REMAIN INTACT WITH NO DAMAGE DURING CONSTRUCTION.
- HISTORIC METAL ELEVATOR DOORS, METAL PANEL ABOVE DOORS, AND METAL STOP INDICATOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CHUTE SHAFTS AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENINGS/HISTORIC MARBLE SURROUND.
- HISTORIC METAL ELEVATOR DOORS AND METAL PANEL ABOVE DOOR TO BE REMOVED. HISTORIC METAL STOP INDICATOR TO BE CAREFULLY REMOVED AND SALVAGED FOR REINSTALLATION IN NEW METAL PANEL.
- HISTORIC STEEL ELEVATOR DOOR AND FRAME TO BE REMOVED.
- HISTORIC METAL ELEVATOR DOOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CHUTE ELEVATOR SHAFT AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENING AND HISTORIC FRAME.
- HISTORIC ELEVATOR DOOR TO BE REMOVED TO ACCOMMODATE NEW FIRE-RATED ELEVATOR DOOR.
- HISTORIC ACCESS DOOR TO REMAIN. DOOR TO BE KEPT SHUT IN THE CLOSED POSITION.
- HISTORIC DOOR TO REMAIN IN PLACE.
- HISTORIC WOOD FINISHED FLOORINGS TO BE REMOVED AND SALVAGED FOR REINSTALLATION AFTER NEW FLOOR STRUCTURE INFILL.

NEW WORK GENERAL NOTES

- ALL LOAD BEARING STRUCTURAL ELEMENTS ARE TO REMAIN UNLESS OTHERWISE NOTED TO BE REMOVED, OR MASONRY OPENINGS ARE CREATED OR MODIFIED, SHORE AND BRACE EXISTING BUILDING AS REQUIRED.
- EXCEPT WHERE NEW DROPPED CEILING IS SHOWN, EXISTING PLASTER CEILING ARE TO REMAIN.
- EXISTING NON-HISTORIC STOREFRONT INFILL TO REMAIN THROUGHOUT FIRST FLOOR.
- NORTH ELEVATOR CASING AND MACHINERY TO REMAIN. PROTECT THROUGHOUT DEMOLITION AND CONSTRUCTION. C.C. TO REVIEW CONDITION AND REPAIR AS REQUIRED.
- SEE THE 4 SHEET SERIES FOR TYPICAL KITCHEN, BATHROOM, AND LAUNDRY ELEVATIONS.
- CEILING HEIGHTS INDICATED ARE TO UNDERSEDE OF EXISTING PLASTER FINISH.

NEW WORK KEYED NOTES

- EXISTING NON-RATED ELEVATOR DOOR TO REMAIN.
- VERIFY EXISTING 2-HR RATED WALL AT BOTTOM OF EXISTING STAIR 'A'. THIS IS NOT AN EXIT EXISTING FROM STAIR 'A' ON 3RD FLOOR. THE RATING IS REQUIRED IN ORDER TO PROVIDE A CONTINUOUS FIRE-RATED STAIR ENCLOSURE.
- NEW STEEL 1 1/2" DIAMETER HORIZONTAL PARTIAL AND MOUNTED 8" ABOVE STAIR HOODING AT MIN. 1 1/2" FROM WALL, WHERE CONDITIONS ALLOW. EXTEND 12" HORIZONTALLY AT TOP OF STAIR AND EXTEND DIAGONALLY (1) TREAD DEPTH AT BOTTOM, RETURN HORIZONTAL TO WALL AS SHOWN ON FLOOR PLAN (THREE PLAN CONFIGURATION ALTERNATE), OTHERWISE RETURN TO FLOOR. 42" SQUARE EXTEND HANDRAILS 12" HORIZONTALLY AT TOP AND BOTTOM OF RAMP. RETURN TO WALL AS SHOWN ON FLOOR PLAN.
- PROVIDE NEW STEEL AND LANDING AT STAIR 'B' TRANSITION. FRAME AS REQUIRED WITH FRT WOOD FRAMING. LANDING ELEVATION TO MATCH EXISTING DOOR THRESHOLD ELEVATION. STEPS TO BE MIN. 4" MAX. 7" RISE.
- EXISTING EXPOSED STEEL COLUMN / BEAM TO REMAIN UNLESS OTHERWISE NOTED. PROVIDE 2-HR RATED INHUMESCENT COATING WITH THICKNESS AS REQUIRED FOR RATING. TYPICAL FOR ALL NEW OR EXISTING EXPOSED STEEL IN BUILDING. SEE DETAIL 6/A0.3.
- EXISTING ELEVATOR PLATFORM LEFT TO REMAIN.
- EXISTING FREIGHT ELEVATOR TO REMAIN AND BE USED AS PASSENGER ELEVATOR.
- NEW 2-HR FIRE RATED MECHANICAL SHAFT (BASEMENT TO ROOF) TO ROOFTOP MECHANICAL EQUIPMENT. FIRE-RATED DAMPING ARE REQUIRED AT PENETRATIONS OF SHAFT WALLS. ALL PENETRATIONS TO BE IN ACCORDANCE WITH CBC SECTION 714.4. MEP'S DESIGN BUILD. CONTRACTOR TO VERIFY MINIMUM SIZE.
- NEW CONCRETE SLAB. SEE STRUCTURAL DRAWINGS. EXTENT OF NEW CONCRETE IS UNKNOWN. CONTRACTOR TO COORDINATE.
- NEW CONCRETE SLAB. SEE STRUCTURAL DRAWINGS. EXTENT OF NEW CONCRETE IS UNKNOWN. CONTRACTOR TO COORDINATE. TOP OF NEW CONCRETE ELEVATION TO MATCH ADJACENT CONCRETE FOR LEVEL TRANSITION.
- RESUPPORT EXISTING STAIR AS NECESSARY.
- 2-HOUR FIRE-RATED INCLINED ROLLING TRASH CHUTE DISCHARGE DOOR ABOVE DOOR TO BE HELD OPEN BY FURB LINK. COORDINATE PRODUCT SELECTION WITH OWNER.
- NEW CONCRETE STEPS. 7" RISE MAX. 4" RISE MIN. AND 11" MIN. TREAD. FINAL LOCATION OF STEPS TO BE DETERMINED BASED ON NECESSARY EXTENTS OF NEW SLAB. MAINTAIN MINIMUM LANDING DIMENSION FROM DOOR.
- NEW TRASH COMPACTOR. BASIS OF DESIGN: APOLLO 4000 APARTMENT COMPACTOR. COORDINATE PRODUCT SELECTION WITH OWNER. CONTRACTOR TO VERIFY MIN. CLEARANCES AND PRODUCT REQUIREMENTS WITH MFR.
- NEW TRASH CHUTE (BASEMENT - 10TH FLOOR) WITH FIRE-RATED CHUTE (FRAME DOORS AND DISCHARGE DOORS IN NEW 2-HOUR FIRE-RATED SHAFT. 30" DIA. 16 GAUGE, ALUMINIZED STEEL, BASIS OF DESIGN - CHUTE SOURCE, LLC - GRAVITY 2 MIXED USE RUBBER CHUTE. COORDINATE PRODUCT SELECTION WITH OWNER. REFER TO SHEET A4.01.
- NEW ELEVATOR IN NEW 2-HOUR FIRE-RATED CHUTE SHAFT. SEE STRUCTURAL DRAWINGS. NEW SHAFT SIZE AND DOOR LOCATION BASED ON KONE KONE 4000 4000 300 FRT ELEVATOR. CONTRACTOR TO VERIFY ALL ELEVATOR REQUIREMENTS WITH ELEVATOR MANUFACTURER. PROVIDE ALL CODE REQD ELEMENTS, INCLUDING, BUT NOT LIMITED TO: SHIP RAMP, FRT LASH, CUTLIES, SWITCHES, LIGHT FIXTURES. COORDINATE WITH MEP DESIGN-BUILD TEAM (UNDER SEPARATE PERMIT). PROVIDE ADDITIONAL TUBE MEMBERS REQD BY KONE FOR ELEVATOR ASSEMBLY. ELEVATOR MUST ACCOMMODATE 54" X 54" AMBULANCE STRETCHER. AS REQD BY CBC 2021.4. NEW ELEVATOR DOOR IS TO BE CENTERED ON THE EXISTING ELEVATOR DOOR OPENING.
- CONTRACTOR TO COORDINATE EXACT LOCATION OF NEW SHAFT. SHAFT DEPTHS TO BE VERIFIED IN FIELD IN ORDER TO ALIGN THE NEW SHAFT WALL TO THE INTERIOR FACE OF THE EXISTING BEAM / CLAY TILE WALL AS SHOWN. VERIFY MINIMUM CLEAR DIMENSIONS WITH ELEVATOR MANUFACTURER.
- NEW 2-HOUR FIRE-RATED FLOOR INFILL. ALIGN NEW FLOOR STRUCTURE AND SUBFLOOR W/ EXISTING ADJACENT SUBFLOOR. SEE 2/A0.3 AND STRUCTURAL DRAWINGS.
- NEW 2-HR FIRE RATED ELEVATOR CONTROL ROOM IN ACCORDANCE WITH CBC SECTION 3005. CONTRACTOR TO COORDINATE ADDITIONAL REQUIREMENTS WITH ELEVATOR MANUFACTURER.
- RENTAL SUSPENDED SLATED CEILING TO MATCH EXISTING.

- 2-HOUR FIRE RATED ASSEMBLY ABOVE AT 3RD FLOOR TO SEPARATE TRASH CHUTE SHAFT FROM 3RD - ROOF MECHANICAL SHAFT. SEE 2/A0.3 AND STRUCTURAL DRAWINGS.
- EXISTING ROOFING TO REMAIN.
- MECHANICAL DUCT TO ROOFTOP EQUIPMENT. CONTRACTOR TO VERIFY SIZE OF SHAFT REQUIRED AND DUCT EXTENSION / TERMINATION REQUIREMENTS.
- CONTRACTOR TO PROVIDE SHAFT TERMINATION AT LINE OF ROOF AS REQUIRED.
- NEW NON-COMBUSTIBLE 2-HOUR RATED FLOOR CONSTRUCTION AT EXISTING ELEVATOR ROOM. 11.3 FLOOR INFILL IS THE FIRE-RATED CHUTE SHAFT WALLS TO TERMINATE AT THE UNDERSIDE OF THE NEW FLOOR STRUCTURE. REFER TO 2/A0.3 AND STRUCTURAL DRAWINGS.
- PROVIDE NEW STEEL AND LANDING AT 10TH FLOOR STORAGE CLOSET. FRAME AS REQUIRED WITH FRT WOOD FRAMING. LANDING ELEVATION TO MATCH EXISTING DOOR THRESHOLD ELEVATION. STEPS TO BE MIN. 4" MAX. 7" RISE.
- CONTRACTOR TO DETERMINE LOCATION / SIZE / CONFIGURATION OF EXISTING OPENING IN EXTERIOR WALL. PROVIDE 2-HOUR FIRE RATED INFILL AT THIS OPENING OR OTHER EXTERIOR WALL OPENINGS UNCOVERED DURING SELECTIVE DEMOLITION.
- PROVIDE NEW SLOPE / RAMP AND LANDING AT STAIR 'B' TRANSITION. FRAME AS REQUIRED WITH FRT WOOD FRAMING. LANDING ELEVATION TO MATCH EXISTING DOOR THRESHOLD ELEVATION.
- NEW 2-HOUR FIRE RATED MECHANICAL SHAFT THROUGH TO ROOF (3RD FLOOR - ROOF) TO ROOFTOP MECHANICAL EQUIPMENT. FIRE-RATED DAMPERS ARE REQUIRED AT PENETRATIONS OF SHAFT WALLS. ALL PENETRATIONS TO BE IN ACCORDANCE WITH CBC SECTION 714.4. MEP WORK DESIGN-BUILD. CONTRACTOR TO VERIFY MINIMUM SIZE.
- PROVIDE NEW GATE AT STAIR 'A' TO PREVENT EGRESS DOWN STAIR TO LEVEL 2. GATE STYLE AND FINISH TO BE SELECTED BY OWNER / ARCHITECT. CONTRACTOR TO SECURE GATE TO FLOOR SURFACE (NOT INTO HISTORIC MARBLE).
- EXISTING FIRE ESCAPE ACCESS DOUBLE-HUNG WINDOW TO REMAIN. REPAIR WINDOW AS REQUIRED FOR SMOOTH AND FUNCTIONAL WINDOW OPERATION.
- EXISTING FIRE ESCAPE IS TO REMAIN. FIRE ESCAPE EVALUATION AND ASSOCIATED REPAIRS ARE TO BE UNDER A SEPARATE PERMIT.
- TRASH CHUTE STEEL ANGLE FLOOR FRAME BY CHUTE MANUFACTURER. TYP AT EACH FLOOR. INSTALL TRASH CHUTE PER MANUFACTURER'S INSTRUCTIONS. CONTRACTOR TO COORDINATE.
- NEW STRUCTURAL CHANNELS FOR TRASH CHUTE FLOOR FRAME BEARING. MAINTAIN 31" CLEAR BETWEEN MEMBERS. VERIFY WITH CHUTE MANUFACTURER. CHANNELS ARE NOT REQUIRED TO BE FIRE-RATED. REFER TO SHEET A4.01 AND STRUCTURAL DRAWINGS.
- LOWER PANEL AND LOWER BOX FOR TRASH CHUTE HORIZONTAL VENTING TO EXTERIOR AT FLOOR 10. REFER TO DETAIL 1/A0.01. COORDINATE REQUIREMENTS WITH TRASH CHUTE MANUFACTURER.
- NEW 2-HOUR FIRE RATED CONCRETE SLAB ON METAL DECK FLOOR INFILL. ALIGN NEW FLOOR W/ EXISTING ADJACENT SUBFLOOR. SEE 2/A0.3 AND STRUCTURAL DRAWINGS.
- CLOSEST ORGANIZATION SYSTEM BY VENDOR. CONTRACTOR TO COORDINATE.
- NEW BUILT-IN SINKING. CONTRACTOR TO COORDINATE WITH OWNER AND MILLWORK SUPPLIER. SEE INTERIOR ELEVATIONS.
- NEW STAINLESS STEEL SPRINKLER SYSTEM IS DESIGN-BUILD AND WILL BE SUBMITTED UNDER A SEPARATE PERMIT. CONTRACTOR TO VERIFY EXACT LOCATION.
- APPROXIMATE LOCATION OF EXISTING STAINLESS CONTRACTOR TO VERIFY. SPRINKLER SYSTEM IS DESIGN-BUILD UNDER A SEPARATE PERMIT.
- NEW 2-HR FIRE RATED SHAFT WALL ASSEMBLY INSTALLED HORIZONTALLY BELOW EXISTING FIRE-RATED CEILING ASSEMBLY ABOVE. TYPICAL AT ALL LOWERED CORRIDOR CEILING 3RD FLOOR. REFER TO 2/A0.3.
- FLUSTRING AND ELECTRICAL WORK FOR SHAND TO BE LOCATED INSIDE CABINERY. CONTRACTOR TO COORDINATE WITH MILLWORK SUPPLIER.
- CONTRACTOR TO VERIFY THE EXTENTS OF THE EXISTING BASED SLAB.
- NEW WALL CONSTRUCTION CENTERED ON EXISTING HISTORIC WINDOW TRIM OR EXISTING HISTORIC PLASTER WHERE INDICATED ON PLAN. CONTRACTOR TO VERIFY HISTORIC WINDOW TRIM WILL NOT BE INTERRUPTED.
- SOFFIT ABOVE TO ALIGN WITH EDGE OF SLAND COLUMN BELOW.
- TRASH DISCHARGE ROOM DOOR, CONTAINER, AND COMPACTOR TO BE CENTERED ON CHUTE ABOVE. CONTRACTOR TO VERIFY EXACT PLACEMENT IN THE FIELD AND VERIFY ALL PRODUCT REQUIREMENTS WITH MFR.
- NEW CONCRETE SLAB WITH SUPPORTING BENT PLATE REFER TO STRUCTURAL. PROVIDE 3-HR INHUMESCENT COATING ON SUPPORTING STEEL BENT PLATE. SEE 6/A0.3 FOR REQUIRED THICKNESS OF COATING.

NEW WORK PLAN GRAPHIC LEGEND

NEW WORK PLAN GRAPHIC LEGEND

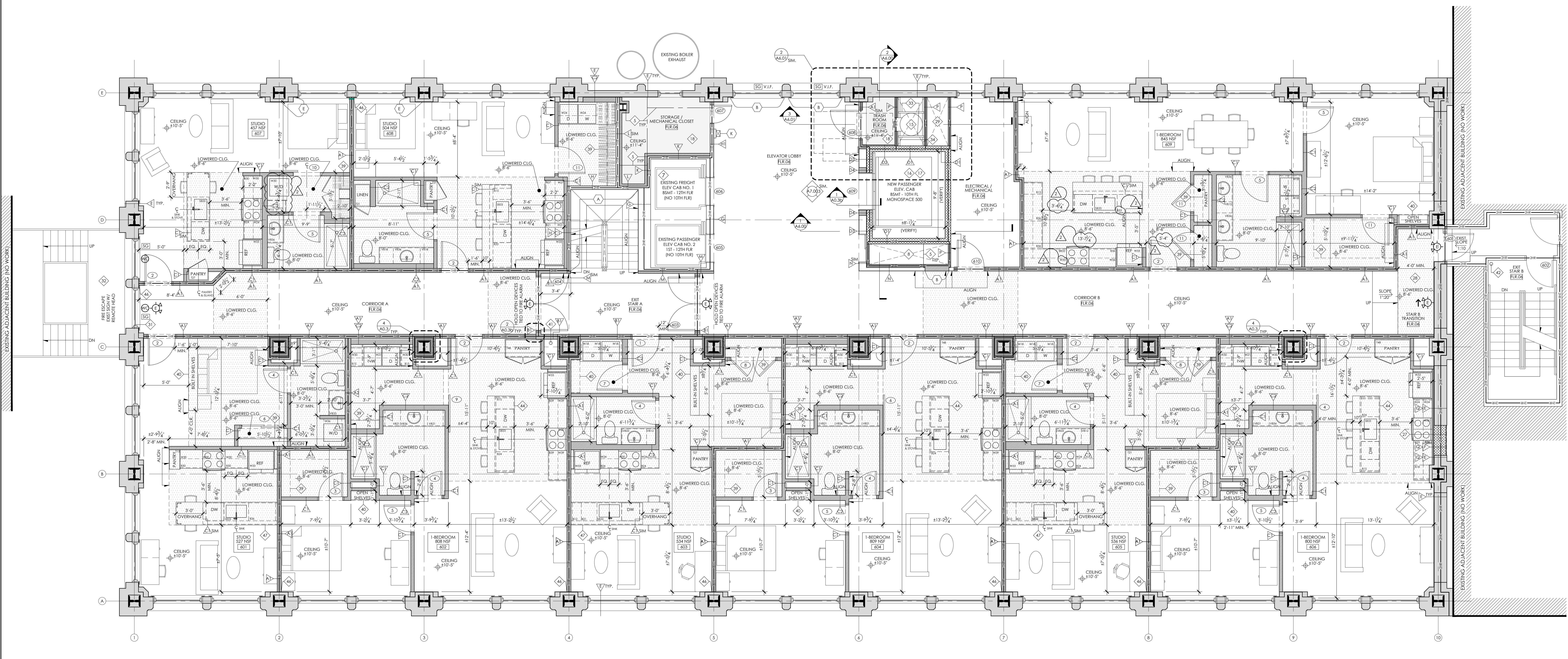
- KEYED NOTE
- WALL TAG. REFER TO WALL TYPE SHEET
- DOOR TAG. REFER TO DOOR SCHEDULE
- EXISTING FRAMED OR CLAY TILE WALL TO REMAIN. REFER TO WALL TAG
- NEW METAL FRAMED FURRING OR WALL. REFER TO WALL TAG
- EXISTING BRICK / STONE MASONRY WALL TO REMAIN. REFER TO WALL TAG
- NEW MASONRY WALL OR MASONRY INFILL (CMU OR BRICK). REFER TO WALL TAG
- INDICATES FIRE RESISTANCE RATING WALL REQUIREMENT
- INDICATES WALL PROVIDING TWO-HOUR FIRE-RESISTANCE RATING (FIRE BARRIER)
- EXISTING BEAM - SEE STRUCTURAL DRAWINGS
- EXISTING COLUMN CENTERLINE
- HATCH INDICATES AREA OF NEW LOWERED GYP. BD. CEILING (ARROW). DASHED LINE INDICATES FACE OF SOFFIT (ARROW). HEIGHT INDICATED ON PLANS. SEE DETAIL 7/A0.3.
- HATCH INDICATES AREA OF NEW 2-HR RATED FLOOR INFILL. SEE 2/A0.3. REFER TO STRUCTURAL DRAWINGS.
- HATCH INDICATES AREA OF NEW CONCRETE SLAB (REFER TO STRUCTURAL DRAWINGS).
- EXISTING DOOR AND FRAME. REFER TO DOOR TAGS AND DOOR SCHEDULE
- NEW DOOR AND FRAME. REFER TO DOOR TAGS AND DOOR SCHEDULE
- EXISTING WINDOW UNIT
- INDICATES WATER CURTAIN INSTALLED AT THE INTERIOR SIDE OF WINDOWS ADJACENT TO THE FIRE ESCAPE PATH OR TRAVEL FIRE CONTAINMENT DEPARTMENT OF BUILDINGS AND INFLECTIONS ACCEPTED ALTERNATIVE ENGINEERED DESIGN (IBC 106.3).
- EXIT SIGN AND EMERGENCY (EYES) LIGHTING. TO BE CONNECTED TO THE BUILDING'S ELECTRIC SUPPLY AND W/ THERMISTANT BATTERY BACK-UP IN ACCORDANCE WITH SECTION 1003.10.3 AND 24.2.15. CBC.
- INDICATES SAFETY GLASSING REQUIRED. PROVIDE SAFETY GLASSING AT WINDOWS W/ R-2+ HORIZONTALS OF DOORS, AND ADJACENT TO STAIRS, LANDINGS, AND FIRE ESCAPE LANDINGS.

CABINERY PLAN LEGEND

LETTERS INDICATES CABINET TYPE, TYP. NUMBERS INDICATES CABINET WIDTH IN INCHES, TYP. GENERAL CONTRACTOR TO FIELD VERIFY PRIOR TO ORDERING CABINETS.

| | | | |
|----|---------------------|------|--|
| B | BASE CABINET | W | WALL CABINET |
| BB | BUND BASE CABINET | BW | BUND WALL CABINET |
| CB | CORNER BASE CABINET | | |
| DB | DRAWER BASE CABINET | BADA | WALL HUNG ADA COMPLIANT BASE (BI) |
| SB | SINK BASE CABINET | VADA | VANITY (V) CABINET WITH APPROACH CLEARANCE |
| VB | VANITY BASE CABINET | | |
| T | TALL CABINET | | |

NOTE: PROVIDE SOLID WOOD BLOCKING IN NEW AND EXISTING WALLS AS REQUIRED TO SECURELY ANCHOR NEW CABINETS.



SIXTH FLOOR NEW WORK PLAN
A3.06 1/4" = 1'-0"

MERCANTILE LIBRARY BUILDING
414 WALNUT STREET
CINCINNATI, OH 45202

modelgroup
DEVELOPMENT • CONSTRUCTION • MANAGEMENT

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SIXTH FLOOR
NEW WORK PLAN

A3.06

HISTORIC GENERAL NOTES

- ALL FLOORING, EXPOSED OR CURRENTLY COVERED BY CONTEMPORARY FLOOR FINISHES, IN ELEVATOR LOBBIES, CORRIDORS, AND WITHIN OFFICE AREAS TO REMAIN IN PLACE.
- NOTIFY ARCHITECT TO REVIEW FLOORING AFTER EXISTING CONTEMPORARY FLOORING IS REMOVED.
- PAINTED WOOD WINDOW CASINGS ARE TYPICALLY PRESENT AT EXTERIOR OPENINGS NEAR ELEVATORS. WINDOW CASINGS TO REMAIN IN PLACE. REPAIR TO MATCH HISTORIC AS REQ'D. PRIME AND PAINT. CONTRACTOR SHALL REPAIR WINDOW CASINGS, SILLS, AND ARCHES IN DWELLING UNITS AND COMMON SPACES TO MATCH HISTORIC CONDITION. CASING AND SILL ARE TYPICALLY MISSING OR DAMAGED DUE TO PREVIOUS INSTALLATION OF RADICATOR COVERS. PROVIDE NEW WINDOW CASINGS, SILLS, AND ARCHES TO CLOSELY MATCH HISTORIC PROFILES WHERE HISTORIC ELEMENTS ARE MISSING OR DAMAGED. PRIME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.
- PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED WHERE INDICATED ON PLANS. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (SEE ILLUSTRATED). CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND COMMON SPACES. SALVAGE WOOD BASEBOARD AT INTERIOR OFFICE WALLS AND INSTALL IN MISSING PERIMETER EXTERIOR WALL LOCATIONS. CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD BASEBOARD TO MATCH HISTORIC BASEBOARD PROFILE AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES AT REMAINING LOCATIONS WHERE HISTORIC BASEBOARD IS MISSING OR DAMAGED. NEW BASEBOARD ON INTERIOR WALLS WILL NOT MATCH HISTORIC PROFILE. PRIME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.

HISTORIC KEYED NOTES

- MARBLE WAINSCOT TO REMAIN.
- MARBLE WAINSCOT PANELS TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT / TRASH ROOM CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH EXISTING CONFIGURATION. EXCESS SALVAGED MARBLE TO BE APPLIED WHERE MISSING AT FOURTH WALL OF SECOND FLOOR LOBBY.
- MARBLE WINDOW SILL OR DOOR THRESHOLD TO REMAIN.
- MARBLE THRESHOLD TO BE REMOVED.
- PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED WHERE INDICATED ON PLANS. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (SEE ILLUSTRATED). CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES. SALVAGE WOOD BASEBOARD AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES AT REMAINING LOCATIONS WHERE HISTORIC BASEBOARD IS MISSING OR DAMAGED. NEW BASEBOARD ON INTERIOR WALLS WILL NOT MATCH HISTORIC PROFILE. PRIME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.
- PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED FOR REINSTALLATION IN SAME LOCATION WHERE STILL EXPOSED AFTER NEW FLOOR INFL. / NEW WALL CONSTRUCTION WITHIN FLOOR 113 LOCATIONS NOW COVERED BY NEW SHAF WALL CONSTRUCTION AND REINSTALL F. MISSING AT EXISTING EXPOSED WALLS WITHIN THE ROOM.
- PAINTED WOOD PICTURE RAIL TO REMAIN. CONTRACTOR SHALL REPAIR HISTORIC PICTURE RAIL AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS. SALVAGE WOOD PICTURE RAIL PROFILE AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS WHERE ANY HISTORIC PICTURE RAIL IS PRESENT TO COMPLETE THE EXTERIOR WALLS. DO NOT INSTALL NEW PICTURE RAIL INSIDE OF DWELLING UNITS WHERE NO HISTORIC PICTURE RAIL IS PRESENT.
- PAINTED WOOD PICTURE RAIL TO REMAIN WHERE STILL EXPOSED AFTER NEW WALL CONSTRUCTION WITHIN FLOOR 113. SALVAGE WOOD PICTURE RAIL AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS. SALVAGE WOOD PICTURE RAIL AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS WHERE ANY HISTORIC PICTURE RAIL IS PRESENT TO COMPLETE THE EXTERIOR WALLS. DO NOT INSTALL NEW PICTURE RAIL INSIDE OF DWELLING UNITS WHERE NO HISTORIC PICTURE RAIL IS PRESENT.
- PAINTED WOOD CROWN MOULD TO BE REMOVED.
- PAINTED WOOD DOOR TRANSOM TO BE REMOVED.
- PAINTED WOOD DOOR CASING TO BE REMOVED.
- COVE CEILING REMNANT TO BE REMOVED.
- MAR CHUTE AND MARBLE TO REMAIN.
- EXISTING CLAY TILE SHAF WALL, MARBLE WALL PANELS AND MARBLE SURROUND TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH CONFIGURATION.
- HISTORIC PLASTER CEILING ABOVE CONTEMPORARY SUSPENDED CEILING TO REMAIN INTACT WITH NO DAMAGE DURING CONSTRUCTION.
- HISTORIC METAL ELEVATOR DOORS, METAL PANEL ABOVE DOORS, AND METAL STOP INDICATOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CHUTE OPENINGS AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENINGS/HISTORIC MARBLE SURROUND.
- HISTORIC METAL ELEVATOR DOORS AND METAL PANEL ABOVE DOORS TO BE REMOVED. HISTORIC METAL STOP INDICATOR TO BE CAREFULLY REMOVED AND SALVAGED FOR REINSTALLATION IN NEW METAL PANEL.
- HISTORIC STEEL ELEVATOR DOOR AND FRAME TO BE REMOVED.
- HISTORIC METAL ELEVATOR DOOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CHUTE ELEVATOR SHAFT AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENING AND HISTORIC FRAME.
- HISTORIC ELEVATOR DOOR TO BE REMOVED TO ACCOMMODATE NEW FIRE-RATED ELEVATOR DOOR.
- HISTORIC ACCESS DOOR TO REMAIN. DOOR TO BE FIXED SHUT IN THE CLOSED POSITION.
- HISTORIC DOOR TO REMAIN IN PLACE.
- HISTORIC WOOD FINISHED FLOORINGS TO BE REMOVED AND SALVAGED FOR REINSTALLATION AFTER NEW FLOOR STRUCTURE INFL.

NEW WORK GENERAL NOTES

- ALL LOAD BEARING STRUCTURAL ELEMENTS ARE TO REMAIN UNLESS OTHERWISE NOTED TO BE REMOVED, OR MASONRY OPENINGS ARE CREATED OR MODIFIED. SHORE AND BRACE EXISTING BUILDING AS REQUIRED.
- EXCEPT WHERE NEW DROPPED CEILINGS ARE SHOWN, EXISTING PLASTER CEILINGS ARE TO REMAIN.
- EXISTING NON-HISTORIC STOREFRONT INFILL TO REMAIN THROUGHOUT FIRST FLOOR.
- NORTH ELEVATOR CABS AND MACHINERY TO REMAIN. PROTECT THROUGHOUT DEMOLITION AND CONSTRUCTION. C.C. TO REVIEW CONDITION AND REPAIR AS REQUIRED.
- SEE THE 4 SHEET SERIES FOR TYPICAL KITCHEN, BATHROOM, AND LAUNDRY ELEVATIONS.
- CEILING HEIGHTS INDICATED ARE TO UNDERSEDE OF EXISTING PLASTER FINISH.

NEW WORK KEYED NOTES

- EXISTING NON-RATED ELEVATOR DOOR TO REMAIN.
- VERIFY EXISTING 2-HOUR RATED WALL AT BOTTOM OF EXISTING STAIR 'A'. THIS IS NOT AN EXIT EXISTING FROM STAIR 'A' ON 3RD FLOOR; THE RATING IS REQUIRED IN ORDER TO PROVIDE A CONTINUOUS FIRE-RATED STAIR ENCLOSURE.
- NEW STEEL 1 1/2" DIA. TRANSOM HANGERS, PARTIALLY AND MOUNTED 8" ABOVE STAIR HANGING AT MIN. 1 1/2" FROM WALL, WHERE CONDITIONS ALLOW. EXTEND 12" HORIZONTALLY AT TOP OF STAIR AND EXTEND DIAGONALLY (1) TREAD DEPTH AT BOTTOM, RETURN HANGERS TO WALL AS SHOWN ON FLOOR PLAN (THREE PLAN CONFIGURATION ALLOWED), OTHERWISE RETURN TO FLOOR. 42" SPACING BETWEEN HANGERS 12" HORIZONTALLY AT TOP AND BOTTOM OF RAMP. RETURN TO WALL AS SHOWN ON FLOOR PLAN.
- PROVIDE NEW STEEL AND LANDING AT STAIR 'B' TRANSITION. FRAME AS REQUIRED WITH FRT WOOD FRAMING. LANDING ELEVATION TO MATCH EXISTING DOOR THRESHOLD ELEVATION. STEPS TO BE MIN. 4" MAX. 7" RISE.
- EXISTING EXPOSED STEEL COLUMN / BEAM TO REMAIN UNLESS OTHERWISE NOTED TO BE REMOVED. PROVIDE 2-HOUR RATED INHUMESCENT COATING WITH THICKNESS AS REQUIRED FOR RATING. TYPICAL FOR ALL NEW OR EXISTING EXPOSED STEEL IN BUILDING. SEE DETAIL 6/A0.3.
- EXISTING ELEVATOR PLATFORM LEFT TO REMAIN.
- EXISTING FREIGHT ELEVATOR TO REMAIN AND BE USED AS PASSENGER ELEVATOR.
- NEW 2-HR FIRE RATED MECHANICAL SHAFT (BASEMENT TO ROOF) TO ROOFTOP MECHANICAL EQUIPMENT. FIRE-RATED DAMPING ARE REQUIRED AT PENETRATIONS OF SHAFT WALLS. ALL PENETRATIONS TO BE IN ACCORDANCE WITH CBC SECTION 714.4. MEP'S DESIGN BUILD. CONTRACTOR TO VERIFY MINIMUM SIZE.
- NEW CONCRETE SLAB. SEE STRUCTURAL DRAWINGS. EXTENT OF NEW CONCRETE IS UNKNOWN. CONTRACTOR TO COORDINATE.
- NEW CONCRETE SLAB. SEE STRUCTURAL DRAWINGS. EXTENT OF NEW CONCRETE IS UNKNOWN. CONTRACTOR TO COORDINATE. TOP OF NEW CONCRETE ELEVATION TO MATCH ADJACENT CONCRETE FOR LEVEL TRANSITION.
- RESUPPORT EXISTING STAIR AS NECESSARY.
- 2-HOUR FIRE RATED INCLINED ROLLING TRASH CHUTE DISCHARGE DOOR ABOVE. DOOR TO BE HELD OPEN BY FURB LINK. COORDINATE PRODUCT SELECTION WITH OWNER.
- NEW CONCRETE STEPS. 7" RISE MAX. 4" RISE MIN. AND 11" MIN. TREAD. FINAL LOCATION OF STEPS TO BE DETERMINED BASED ON NECESSARY EXTENTS OF NEW SLAB. MAINTAIN MINIMUM LANDING DIMENSION FROM DOOR.
- NEW TRASH COMPACTOR. BASIS OF DESIGN: APOLLO 4000 APARTMENT COMPACTOR. COORDINATE PRODUCT SELECTION WITH OWNER. CONTRACTOR TO VERIFY MIN. CLEARANCES AND PRODUCT REQUIREMENTS WITH MFR.
- NEW TRASH CHUTE (BASEMENT - 10TH FLOOR) WITH REFRIGERATE 2-HOUR RATED CHUTE (INAKE DOORS AND DISCHARGE DOORS IN NEW 2-HOUR FIRE-RATED SHAFT. 30" DIA. METAL, 16 GAUGE, ALUMINIZED STEEL, BASIS OF DESIGN: CHUTE SOURCE, LLC - GRAVITY 2 MIXED USE RUBBER CHUTE. COORDINATE PRODUCT SELECTION WITH OWNER. REFER TO SHEET A4.01.
- NEW ELEVATOR IN NEW 2-HOUR FIRE RATED CHUTE SHAFT. SEE STRUCTURAL DRAWINGS. NEW SHAFT SIZE AND DOOR LOCATION BASED ON KONE KONE 4000 4000 300 PH. CONTRACTOR TO VERIFY ALL ELEVATOR REQUIREMENTS WITH ELEVATOR MANUFACTURER. PROVIDE ALL CODE REQ'D ELEMENTS, INCLUDING, BUT NOT LIMITED TO: SHIP RAMP, PFL, LASH, CUTLIES, SWITCHES, LIGHT FIXTURES. COORDINATE WITH MEP DESIGN-BUILD TEAM (UNDER SEPARATE PERMIT). PROVIDE ADDITIONAL TUBE MEMBERS REQ'D BY KONE FOR ELEVATOR ASSEMBLY. ELEVATOR MUST ACCOMMODATE 5'4" OF AMBULANCE STRETCHER. AS REQ'D BY CBC 3002.4. NEW ELEVATOR DOOR IS TO BE CENTERED ON THE EXISTING ELEVATOR DOOR OPENING.
- CONTRACTOR TO COORDINATE EXACT LOCATION OF NEW SHAFT. SHAFT DEPTH TO BE VERIFIED IN FIELD IN ORDER TO ALIGN THE NEW SHAFT WALL TO THE INTERIOR FACE OF THE EXISTING BEAM / CLAY TILE WALL AS SHOWN. VERIFY MINIMUM CLEAR DIMENSIONS WITH ELEVATOR MANUFACTURER.
- NEW 2-HOUR FIRE RATED FLOOR INFL. ALIGN NEW FLOOR STRUCTURE AND SUBROOF W/ EXISTING ADJACENT SUBROOF. SEE 2/A0.3 AND STRUCTURAL DRAWINGS.
- NEW 2-HR FIRE RATED ELEVATOR CONTROL ROOM IN ACCORDANCE WITH CBC SECTION 3005. CONTRACTOR TO COORDINATE ADDITIONAL REQUIREMENTS WITH ELEVATOR MANUFACTURER.
- RENTAL SUSPENDED SLATED CEILING TO MATCH EXISTING.

- 2-HOUR FIRE RATED ASSEMBLY ABOVE AT 3RD FLOOR TO SEPARATE TRASH CHUTE SHAFT FROM 3RD - ROOF MECHANICAL SHAFT. SEE 2/A0.3 AND STRUCTURAL DRAWINGS.
- EXISTING ROOFING TO REMAIN.
- MECHANICAL DUCT TO ROOFTOP EQUIPMENT. CONTRACTOR TO VERIFY SIZE OF SHAFT REQUIRED AND DUCT EXTENSION / TERMINATION REQUIREMENTS.
- CONTRACTOR TO PROVIDE SHAFT TERMINATION AT LINE OF ROOF AS REQUIRED.
- NEW NON-COMBUSTIBLE 2-HOUR RATED FLOOR CONSTRUCTION AT EXISTING ELEVATOR ROOM. 113 FLOOR INFL. IS THE FIRE RATED CHUTE SHAFT WALL TO TERMINATE AT THE UNDERSEDE OF THE NEW FLOOR STRUCTURE. REFER TO 2/A0.3 AND STRUCTURAL DRAWINGS.
- PROVIDE NEW STEEL AND LANDING AT 10TH FLOOR STORAGE CLOSET. FRAME AS REQUIRED WITH FRT WOOD FRAMING. LANDING ELEVATION TO MATCH EXISTING DOOR THRESHOLD ELEVATION. STEPS TO BE MIN. 4" MAX. 7" RISE.
- CONTRACTOR TO DETERMINE LOCATION / SIZE / CONFIGURATION OF EXISTING OPENING IN EXTERIOR WALL. PROVIDE 2-HOUR FIRE RATED INFILL AT THIS OPENING OR OTHER EXTERIOR WALL OPENINGS UNCOVERED DURING SELECTIVE DEMOLITION.
- PROVIDE NEW SLOPE / RAMP AND LANDING AT STAIR 'B' TRANSITION. FRAME AS REQUIRED WITH FRT WOOD FRAMING. LANDING ELEVATION TO MATCH EXISTING DOOR THRESHOLD ELEVATION.
- NEW 2-HOUR FIRE RATED MECHANICAL SHAFT THROUGH TO ROOF (3RD FLOOR - ROOF) TO ROOFTOP MECHANICAL EQUIPMENT. FIRE RATED DAMPERS ARE REQUIRED AT PENETRATIONS OF SHAFT WALLS. ALL PENETRATIONS TO BE IN ACCORDANCE WITH CBC SECTION 714.4. MEP WORK DESIGN-BUILD. CONTRACTOR TO VERIFY MINIMUM SIZE.
- PROVIDE NEW GATE AT STAIR 'A' TO PREVENT EGRESS DOWN STAIR TO LEVEL 2. GATE STYLE AND FINISH TO BE SELECTED BY OWNER / ARCHITECT. CONTRACTOR TO SECURE GATE TO FLOOR SURFACE (NOT INTO HISTORIC MARBLE).
- EXISTING FIRE ESCAPE ACCESS DOUBLE-HUNG WINDOW TO REMAIN. REPAIR WINDOW AS REQUIRED FOR SMOOTH AND FUNCTIONAL WINDOW OPERATION.
- EXISTING FIRE ESCAPE 'S' TO REMAIN. FIRE ESCAPE EVALUATION AND ASSOCIATED REPAIRS ARE TO BE UNDER A SEPARATE PERMIT.
- TRASH CHUTE STEEL ANGLE FLOOR FRAME BY CHUTE MANUFACTURER. TYP AT EACH FLOOR. INSTALL TRASH CHUTE PER MANUFACTURER'S INSTRUCTIONS. CONTRACTOR TO COORDINATE.
- NEW STRUCTURAL CHANNELS FOR TRASH CHUTE FLOOR FRAME BEARING. MAINTAIN 31" CLEAR BETWEEN MEMBERS. VERIFY WITH CHUTE MANUFACTURER. CHANNELS ARE NOT REQUIRED TO BE FIRE-RATED. REFER TO SHEET A4.01 AND STRUCTURAL DRAWINGS.
- LOWER PANEL AND LOWER BOX FOR TRASH CHUTE HORIZONTAL VENTING TO EXTERIOR AT FLOOR 10. REFER TO DETAIL 1/A0.01. COORDINATE REQUIREMENTS WITH TRASH CHUTE MANUFACTURER.
- NEW 2-HOUR FIRE RATED CONCRETE SLAB ON METAL DECK FLOOR INFL. ALIGN NEW FLOOR W/ EXISTING ADJACENT SUBROOF. SEE 2/A0.3 AND STRUCTURAL DRAWINGS.
- CLOSEST ORGANIZATION SYSTEM BY VENDOR. CONTRACTOR TO COORDINATE.
- NEW BUILT-IN SINKING. CONTRACTOR TO COORDINATE WITH OWNER AND MILLWORK SUPPLIER. SEE INTERIOR ELEVATIONS.
- NEW STAINLESS STEEL SPRINKLER SYSTEM IS DESIGN-BUILD AND WILL BE SUBMITTED UNDER A SEPARATE PERMIT. CONTRACTOR TO VERIFY EXACT LOCATION.
- APPROXIMATE LOCATION OF EXISTING STAINLESS STEEL SPRINKLER SYSTEM IS DESIGN-BUILD UNDER A SEPARATE PERMIT.
- NEW 2-HR FIRE RATED SHAFT WALL ASSEMBLY INSTALLED HORIZONTALLY BELOW EXISTING FIRE-RATED CEILING ASSEMBLY ABOVE. TYPICAL AT ALL COVERED CORRIDOR CEILING/3RD FLOOR. REFER TO 2/A0.3.
- FLUSTRATING AND ELECTRICAL WORK FOR TRASH CHUTE HORIZONTAL VENTING. CONTRACTOR TO COORDINATE WITH MILLWORK SUPPLIER.
- CONTRACTOR TO VERIFY THE EXTENTS OF THE EXISTING BASED SLAB.
- NEW WALL CONSTRUCTION CENTERED ON EXISTING HISTORIC WINDOW TRIM OR EXISTING HISTORIC PLASTER WHERE INDICATED ON PLAN. CONTRACTOR TO VERIFY HISTORIC WINDOW TRIM WILL NOT BE INTERRUPTED.
- SOFFIT ABOVE TO ALIGN WITH EDGE OF SLATED CEILING BELOW.
- TRASH DISCHARGE ROOM DOOR, CONTAINER, AND COMPACTOR TO BE CENTERED ON CHUTE ABOVE. CONTRACTOR TO VERIFY EXACT PLACEMENT IN THE FIELD AND VERIFY ALL PRODUCT REQUIREMENTS WITH MFR.
- NEW CONCRETE SLAB WITH SUPPORTING BENT PLATE REFER TO STRUCTURAL. PROVIDE 3 HR INHUMESCENT COATING ON SUPPORTING STEEL BENT PLATE. SEE 6/A0.3 FOR REQUIRED THICKNESS OF COATING.

NEW WORK PLAN GRAPHIC LEGEND

NEW WORK PLAN GRAPHIC LEGEND

KEYED NOTE

WALL TAG. REFER TO WALL TYPE SHEET

DOOR TAG. REFER TO DOOR SCHEDULE

EXISTING FRAMED OR CLAY TILE WALL TO REMAIN. REFER TO WALL TAG

NEW METAL FRAMED FURRING OR WALL. REFER TO WALL TAG

EXISTING BRICK / STONE MASONRY WALL TO REMAIN. REFER TO WALL TAG

NEW MASONRY WALL OR MASONRY INFILL (CMU OR BRICK). REFER TO WALL TAG

INDICATES FIRE RESISTANCE RATING WALL REQUIREMENT

INDICATES WALL PROVIDING TWO-HOUR FIRE-RESISTANCE RATING (FIRE BARRIER)

EXISTING BEAM - SEE STRUCTURAL DRAWINGS

EXISTING COLUMN CENTERLINE

HATCH INDICATES AREA OF NEW LOWERED GYP. BD. CEILING (ABOVE). DASHED LINE INDICATES FACE OF SOFFIT (ABOVE). HEIGHT INDICATED ON PLANS. SEE DETAIL 7/A0.3.

HATCH INDICATES AREA OF NEW 2-HR RATED FLOOR INFL. SEE 2/A0.3. REFER TO STRUCTURAL DRAWINGS.

HATCH INDICATES AREA OF NEW CONCRETE SLAB (REFER TO STRUCTURAL DRAWINGS).

EXISTING DOOR AND FRAME. REFER TO DOOR TAGS AND DOOR SCHEDULE

NEW DOOR AND FRAME. REFER TO DOOR TAGS AND DOOR SCHEDULE

EXISTING WINDOW UNIT

INDICATES WATER CURTAIN INSTALLED AT THE INTERIOR SIDE OF WINDOWS ADJACENT TO THE FIRE ESCAPE PATH OR TRAVEL FIRE CONTAINMENT DEPARTMENT OF BUILDINGS AND INFLECTIONS ACCEPTED ALTERNATIVE ENGINEERED DESIGN (IBC 106.3).

EXISTION AND EMERGENCY (E) LIGHTS. TO BE CONNECTED TO THE BUILDING'S ELECTRIC SUPPLY AND W/ BATTERY BACK-UP IN ACCORDANCE WITH SECTION 1003.10.3 AND 24.2.5. CBC.

INDICATES SAFETY GLASSING REQUIRED. PROVIDE SAFETY GLASSING AT WINDOWS W/ R-2+ HORIZONTALS OF DOORS, AND ADJACENT TO STAIRS, LANDINGS, AND FIRE ESCAPE LANDINGS.

CABINETRY PLAN LEGEND

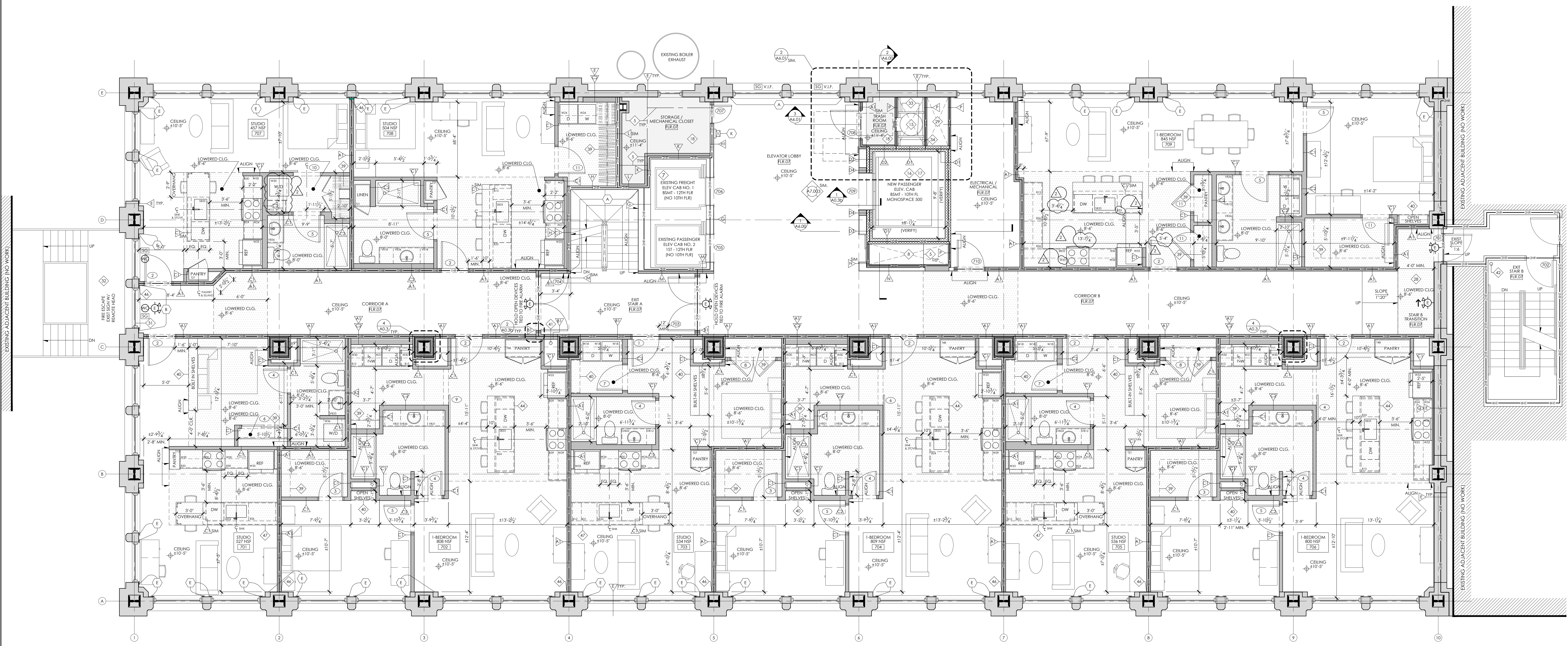
LETTERS INDICATES CABINET TYPE, TYP.

NUMBERS INDICATES CABINET WIDTH IN INCHES. TYP. GENERAL CONTRACTOR TO FIELD VERIFY PRIOR TO ORDERING CABINETS.

CABINET TYPE ABBREVIATIONS:

| | | | |
|----|---------------------|------|--|
| B | BASE CABINET | W | WALL CABINET |
| BB | BUND BASE CABINET | BW | BUND WALL CABINET |
| CB | CORNER BASE CABINET | | |
| DB | DRAWER BASE CABINET | BADA | WALL HUNG ADA COMPLIANT BASE (BI) |
| SB | SINK BASE CABINET | VADA | VANITY (V) CABINET WITH APPROACH CLEARANCE |
| VB | VANITY BASE CABINET | | |
| T | TALL CABINET | | |

NOTE: PROVIDE SOLID WOOD BLOCKING IN NEW AND EXISTING WALLS AS REQUIRED TO SECURELY ANCHOR NEW CABINETRY.



SEVENTH FLOOR NEW WORK PLAN
A3.07 1/4" = 1'-0"

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ISSUE LOG:
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ISSUE FOR PERMIT
10.27.2022
PERMIT REVISION 1
12.27.2022
BULLETIN 1

SEVENTH FLOOR
NEW WORK PLAN

A3.07

HISTORIC GENERAL NOTES

- ALL TILE FLOORING, EXPOSED OR CURRENTLY COVERED BY CONTEMPORARY FLOOR FINISHES, IN ELEVATOR LOBBIES, CORRIDORS, AND WITHIN OFFICE AREAS TO REMAIN IN PLACE.
- NOTIFY ARCHITECT TO REVIEW FLOORING AFTER EXISTING CONTEMPORARY FLOORING IS REMOVED.
- PAINTED WOOD WINDOW CASINGS IS TYPICALLY PRESENT AT EXTERIOR OPENINGS (SEE ILLUSTRATED). WINDOW CASINGS TO REMAIN IN PLACE. REPAIR TO MATCH HISTORIC AS REQD. PRIME AND PAINT. CONTRACTOR SHALL REPAIR WINDOW CASINGS, SILLS, AND APRONS IN DWELLING UNITS AND COMMON SPACES TO MATCH HISTORIC CONDITION. CASING AND SILLS ARE TYPICALLY PRESENT. APRONS ARE TYPICALLY MISSING OR DAMAGED DUE TO PREVIOUS INSTALLATION OF RADIATOR COVERS. PROVIDE NEW WINDOW CASINGS, SILLS, AND APRONS TO CLOSELY MATCH HISTORIC PROFILES WHERE HISTORIC ELEMENTS ARE MISSING OR DAMAGED. PRIME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.
- PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED WHERE INDICATED ON PLANS. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (SEE ILLUSTRATED). CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND COMMON SPACES. SALVAGE WOOD BASEBOARD AT INTERIOR OFFICE WALLS AND INSTALL IN MISSING PERIMETER EXTERIOR WALL LOCATIONS. CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD BASEBOARD TO MATCH HISTORIC BASEBOARD PROFILE AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES AT REMAINING LOCATIONS WHERE HISTORIC BASEBOARD IS MISSING OR DAMAGED. NEW BASEBOARD ON INTERIOR WALLS WILL NOT MATCH HISTORIC PROFILE. PRIME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.

HISTORIC KEYED NOTES

- MARBLE HANICOT TO REMAIN.
- MARBLE HANICOT PANELS TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT / TRASH ROOM CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH EXISTING CONFIGURATION. EXCESS SALVAGED MARBLE TO BE APPLIED WHERE MISSING AT SOUTH WALL OF SECOND FLOOR LOBBY.
- MARBLE WINDOW SILL OR DOOR THRESHOLD TO REMAIN.
- MARBLE THRESHOLD TO BE REMOVED.
- PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED WHERE INDICATED ON PLANS. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (SEE ILLUSTRATED). CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES. SALVAGE WOOD BASEBOARD AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES AT REMAINING LOCATIONS WHERE HISTORIC BASEBOARD IS MISSING OR DAMAGED. NEW BASEBOARD ON INTERIOR WALLS WILL NOT MATCH HISTORIC PROFILE. PRIME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.
- PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED FOR REINSTALLATION IN SAME LOCATION WHERE STILL EXPOSED AFTER NEW FLOOR INFL. / NEW WALL CONSTRUCTION WITHIN FLOOR 11.3 (MECHANICAL LIBRARY STORAGE ROOM). PRIME AND PAINT. COLOR TO BE SELECTED BY ARCHITECT.
- PAINTED WOOD PICTURE RAIL TO REMAIN. CONTRACTOR SHALL REPAIR HISTORIC PICTURE RAIL AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS. SALVAGE WOOD PICTURE RAIL PROFILE AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS WHERE ANY HISTORIC PICTURE RAIL IS PRESENT TO COMPLETE THE EXTERIOR WALLS. DO NOT INSTALL NEW PICTURE RAIL INSIDE OF DWELLING UNITS WHERE NO HISTORIC PICTURE RAIL IS PRESENT.
- PAINTED WOOD PICTURE RAIL TO REMAIN WHERE STILL EXPOSED AFTER NEW WALL CONSTRUCTION WITHIN FLOOR 11.3 (MECHANICAL LIBRARY STORAGE ROOM). SALVAGE WOOD PICTURE RAIL AT WALL LOCATIONS NOW COVERED BY NEW SHAFT WALL CONSTRUCTION AND REINSTALL IF MISSING AT EXISTING EXPOSED WALLS WITHIN THE ROOM.
- PAINTED WOOD PICTURE RAIL TO BE REMOVED. SALVAGE. SEE HISTORIC KEYED NOTE.
- PAINTED WOOD CROWN MOULD TO BE REMOVED.
- PAINTED WOOD DOOR TRANSOM TO BE REMOVED.
- PAINTED WOOD DOOR CASING TO BE REMOVED.
- COVE CEILING REMNANT TO BE REMOVED.
- MARBLE CHUTE TIE SHANT WALL, MARBLE WALL PANELS AND MARBLE SURROUND TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH CONFIGURATION.
- HISTORIC PLASTER CEILING ABOVE CONTEMPORARY SUSPENDED CEILING TO REMAIN INTACT WITH NO DAMAGE DURING CONSTRUCTION.
- HISTORIC METAL ELEVATOR DOORS, METAL PANEL ABOVE DOORS, AND METAL STOP INDICATOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CHUTE ELEVATOR SHAFTS AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENINGS/HISTORIC MARBLE SURROUND.
- HISTORIC METAL ELEVATOR DOORS AND METAL PANEL ABOVE DOOR TO BE REMOVED. HISTORIC METAL STOP INDICATOR TO BE CAREFULLY REMOVED AND SALVAGED FOR REINSTALLATION IN NEW METAL PANEL.
- HISTORIC STEEL ELEVATOR DOOR AND FRAME TO BE REMOVED.
- HISTORIC METAL ELEVATOR DOOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CHUTE ELEVATOR SHAFT AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENING AND HISTORIC FRAME.
- HISTORIC ELEVATOR DOOR TO BE REMOVED TO ACCOMMODATE NEW FIRE-RATED ELEVATOR DOOR.
- HISTORIC ACCESS DOOR TO REMAIN. DOOR TO BE KEPT SHUT IN THE CLOSED POSITION.
- HISTORIC DOOR TO REMAIN IN PLACE.
- HISTORIC WOOD FINISHED FLOORINGS TO BE REMOVED AND SALVAGED FOR REINSTALLATION AFTER NEW FLOOR STRUCTURE INFL.

NEW WORK GENERAL NOTES

- ALL LOAD BEARING STRUCTURAL ELEMENTS ARE TO REMAIN UNLESS OTHERWISE NOTED TO BE REMOVED, OR MASONRY OPENINGS ARE CREATED OR MODIFIED, SHORE AND BRACE EXISTING BUILDING AS REQUIRED.
- EXCEPT WHERE NEW DROPPED CEILING IS SHOWN, EXISTING PLASTER CEILING ARE TO REMAIN.
- EXISTING NON-HISTORIC STOREFRONT INFILL TO REMAIN THROUGHOUT FIRST FLOOR.
- NORTH ELEVATOR CABS AND MACHINERY TO REMAIN. PROTECT THROUGHOUT DEMOLITION AND CONSTRUCTION. C.C. TO REVIEW CONDITION AND REPAIR AS REQUIRED.
- SEE THE 4 SHEET SERIES FOR TYPICAL KITCHEN, BATHROOM, AND LAUNDRY ELEVATIONS.
- CEILING HEIGHTS INDICATED ARE TO UNDERSCORE OF EXISTING PLASTER FINISH.

NEW WORK KEYED NOTES

- EXISTING NON-RATED ELEVATOR DOOR TO REMAIN.
- VERIFY EXISTING 2-HOUR RATED WALLS AT BOTTOM OF EXISTING STAIR 'A'. THIS IS NOT AN EXIT EXISTING FROM STAIR 'A' ON 3RD FLOOR. THE RATING IS REQUIRED IN ORDER TO PROVIDE A CONTINUOUS FIRE-RATED STAIR ENCLOSURE.
- NEW STEEL 1 1/2" DIAMETER HORIZONTAL PARTIAL AND MOUNTED 8" ABOVE STAIR HOODING AT MIN. 1 1/2" FROM WALL, WHERE CONDITIONS ALLOW. EXTEND 12" HORIZONTALLY AT TOP OF STAIR AND EXTEND DIAGONALLY (1) TREAD DEPTH AT BOTTOM, RETURN HORIZONTAL TO WALL AS SHOWN ON FLOOR PLAN (THREE PLAN CONFIGURATION ALLOWED, OTHERWISE RETURN TO FLOOR). 42 EXISTING EXTEND HORIZONTALS 12" HORIZONTALLY AT TOP AND BOTTOM OF RAMP. RETURN TO WALL AS SHOWN ON FLOOR PLAN.
- PROVIDE NEW STEEL AND LANDING AT STAIR 'B' TRANSITION. FRAME AS REQUIRED WITH FRT WOOD FRAMING. LANDING ELEVATION TO MATCH EXISTING DOOR THRESHOLD ELEVATION. STEPS TO BE MIN. 4" MAX. 7" RISE.
- EXISTING EXPOSED STEEL COLUMN / BEAM TO REMAIN UNLESS OTHERWISE NOTED. PROVIDE 2-HR RATED INTUMESCENT COATING WITH THICKNESS AS REQUIRED FOR RATING. TYPICAL FOR ALL NEW OR EXISTING EXPOSED STEEL IN BUILDING. SEE DETAIL 6/A0.3.
- EXISTING ELEVATOR PLATFORM LEFT TO REMAIN.
- EXISTING FREIGHT ELEVATOR TO REMAIN AND BE USED AS PASSENGER ELEVATOR.
- NEW 2-HR FIRE-RATED MECHANICAL SHAFT (BASEMENT TO ROOF) TO ROOFTOP MECHANICAL EQUIPMENT. FIRE-RATED DAMPING ARE REQUIRED AT PENETRATIONS OF SHAFT WALLS. ALL PENETRATIONS TO BE IN ACCORDANCE WITH CBC SECTION 714.4. MEP'S DESIGN BUILD. CONTRACTOR TO VERIFY MINIMUM SIZE.
- NEW CONCRETE SLAB. SEE STRUCTURAL DRAWINGS. EXTENT OF NEW CONCRETE IS UNKNOWN. CONTRACTOR TO COORDINATE.
- NEW CONCRETE SLAB. SEE STRUCTURAL DRAWINGS. EXTENT OF NEW CONCRETE IS UNKNOWN. CONTRACTOR TO COORDINATE. TOP OF NEW CONCRETE ELEVATION TO MATCH ADJACENT CONCRETE FOR LEVEL TRANSITION.
- RESUPPORT EXISTING STAIR AS NECESSARY.
- 2-HOUR FIRE-RATED INCLINED ROLLING TRASH CHUTE DISCHARGE DOOR ABOVE. DOOR TO BE HELD OPEN BY FURB LINK. COORDINATE PRODUCT SELECTION WITH OWNER.
- NEW CONCRETE STEPS. 7" RISE MAX. 4" RISE MIN. AND 11" MIN. TREAD. FINAL LOCATION OF STEPS TO BE DETERMINED BASED ON NECESSARY EXTENTS OF NEW SLAB. MAINTAIN MINIMUM LANDING DIMENSION FROM DOOR.
- NEW TRASH COMPACTOR. BASIS OF DESIGN: APOLLO 4000 APARTMENT COMPACTOR. COORDINATE PRODUCT SELECTION WITH OWNER. CONTRACTOR TO VERIFY MIN. CLEARANCES AND PRODUCT REQUIREMENTS WITH MFR.
- NEW TRASH CHUTE (BASEMENT - 10TH FLOOR) WITH FIRE-RATED CHUTE (INAKE DOORS AND DISCHARGE DOORS IN NEW 2-HOUR FIRE-RATED SHAFT. 30" DIAMETER, 16 GAUGE, ALUMINIZED STEEL, BASIS OF DESIGN - CHUTE SOURCE, LLC - GRAVITY 2 MIXED USE RUBBER CHUTE. COORDINATE PRODUCT SELECTION WITH OWNER. REFER TO SHEET A4.01.
- NEW ELEVATOR IN NEW 2-HOUR FIRE-RATED CHUTE SHAFT. SEE STRUCTURAL DRAWINGS. NEW SHAFT SIZE AND DOOR LOCATION BASED ON KONE HOIST MODEL 300. 4000. 300 IN FLOOR. CONTRACTOR TO VERIFY ALL ELEVATOR REQUIREMENTS WITH ELEVATOR MANUFACTURER. PROVIDE ALL CODE REQD. ELEMENTS, INCLUDING, BUT NOT LIMITED TO: SHIP RAMP. FRT. LASH. CABLES. LIGHT FIXTURES. COORDINATE WITH MFR DESIGN-BUILD TEAM (UNDER SEPARATE PERMIT). PROVIDE ADDITIONAL TUBE MEMBERS REQD BY KONE FOR ELEVATOR ASSEMBLY. ELEVATOR MUST ACCOMMODATE 54" W/ 24" AMBULANCE STRETCHER. AS REQD BY CBC 3002.4. NEW ELEVATOR DOOR IS TO BE CENTERED ON THE EXISTING ELEVATOR DOOR OPENING.
- CONTRACTOR TO COORDINATE EXACT LOCATION OF NEW SHAFT. SHAFT DEPTHS TO BE VERIFIED IN FIELD IN ORDER TO ALIGN THE NEW SHAFT WALL TO THE INNER FACE OF THE EXISTING BEAM / CLAY TILE WALL AS SHOWN. VERIFY MINIMUM CLEAR DIMENSIONS WITH ELEVATOR MANUFACTURER.
- NEW 2-HOUR FIRE-RATED FLOOR INFL. ALIGN NEW FLOOR STRUCTURE AND SUBFLOOR W/ EXISTING ADJACENT SUBFLOOR. SEE 2/A0.3 AND STRUCTURAL DRAWINGS.
- NEW 2-HR FIRE RATED ELEVATOR CONTROL ROOM IN ACCORDANCE WITH CBC SECTION 3005. CONTRACTOR TO COORDINATE ADDITIONAL REQUIREMENTS WITH ELEVATOR MANUFACTURER.
- RENTAL SUSPENDED SLATED CEILING TO MATCH EXISTING.

- 2-HOUR FIRE RATED ASSEMBLY ABOVE AT 3RD FLOOR TO SEPARATE TRASH CHUTE SHAFT FROM 3RD - ROOF MECHANICAL SHAFT. SEE 2/A0.3 AND STRUCTURAL DRAWINGS.
- EXISTING ROOFING TO REMAIN.
- MECHANICAL DUCT TO ROOFTOP EQUIPMENT. CONTRACTOR TO VERIFY SIZE OF SHAFT REQUIRED AND DUCT EXTENSION / TERMINATION REQUIREMENTS.
- CONTRACTOR TO PROVIDE SHAFT TERMINATION AT LINE OF ROOF AS REQUIRED.
- NEW NON-COMBUSTIBLE 2-HOUR RATED FLOOR CONSTRUCTION AT EXISTING ELEVATOR ROOM. 11.3 FLOOR INFL. IS THE FIRE-RATED CHUTE SHAFT WALL TO TERMINATE AT THE UNDERSIDE OF THE NEW FLOOR STRUCTURE. REFER TO 2/A0.3 AND STRUCTURAL DRAWINGS.
- PROVIDE NEW STEEL AND LANDING AT 10TH FLOOR STORAGE CLOSET. FRAME AS REQUIRED WITH FRT WOOD FRAMING. LANDING ELEVATION TO MATCH EXISTING DOOR THRESHOLD ELEVATION. STEPS TO BE MIN. 4" MAX. 7" RISE.
- CONTRACTOR TO DETERMINE LOCATION / SIZE / CONFIGURATION OF EXISTING OPENING IN EXTERIOR WALL. PROVIDE 2-HOUR FIRE RATED INFILL AT THIS OPENING OR OTHER EXTERIOR WALL OPENINGS UNCOVERED DURING SELECTIVE DEMOLITION.
- PROVIDE NEW SLOPE / RAMP AND LANDING AT STAIR 'B' TRANSITION. FRAME AS REQUIRED WITH FRT WOOD FRAMING. LANDING ELEVATION TO MATCH EXISTING DOOR THRESHOLD ELEVATION.
- NEW 2-HOUR FIRE-RATED MECHANICAL SHAFT THROUGH TO ROOF (3RD FLOOR - ROOF) TO ROOFTOP MECHANICAL EQUIPMENT. FIRE-RATED DAMPERS ARE REQUIRED AT PENETRATIONS OF SHAFT WALLS. ALL PENETRATIONS TO BE IN ACCORDANCE WITH CBC SECTION 714.4. MEP WORK DESIGN-BUILD. CONTRACTOR TO VERIFY MINIMUM SIZE.
- PROVIDE NEW GATE AT STAIR 'A' TO PREVENT EGRESS DOWN STAIR TO LEVEL 2. GATE STYLE AND FINISH TO BE SELECTED BY OWNER / ARCHITECT. CONTRACTOR TO SECURE GATE TO FLOOR SURFACE (NOT INTO HISTORIC MARBLE).
- EXISTING FIRE ESCAPE ACCESS DOUBLE-HUNG WINDOW TO REMAIN. REPAIR WINDOW AS REQUIRED FOR SMOOTH AND FUNCTIONAL WINDOW OPERATION.
- EXISTING FIRE ESCAPE IS TO REMAIN. FIRE ESCAPE EVALUATION AND ASSOCIATED REPAIRS ARE TO BE UNDER A SEPARATE PERMIT.
- TRASH CHUTE STEEL ANGLE FLOOR FRAME BY CHUTE MANUFACTURER. TYP AT EACH FLOOR. INSTALL TRASH CHUTE PER MANUFACTURER'S INSTRUCTIONS. CONTRACTOR TO COORDINATE.
- NEW STRUCTURAL CHANNELS FOR TRASH CHUTE FLOOR FRAME BEARING. MAINTAIN 31" CLEAR TO SHEET METAL. VERIFY WITH CHUTE MANUFACTURER. CHANNELS ARE NOT REQUIRED TO BE FIRE-RATED. REFER TO SHEET A4.01 AND STRUCTURAL DRAWINGS.
- LOWER PANEL AND LOWER BOX FOR TRASH CHUTE HORIZONTAL WINDOW TO EXTERIOR AT FLOOR 10. REFER TO DETAIL 1/A0.01. COORDINATE REQUIREMENTS WITH TRASH CHUTE MANUFACTURER.
- NEW 2-HOUR FIRE-RATED CONCRETE SLAB ON METAL DECK FLOOR INFL. ALIGN NEW FLOOR W/ EXISTING ADJACENT SUBFLOOR. SEE 2/A0.3 AND STRUCTURAL DRAWINGS.
- CLOSEST ORGANIZATION SYSTEM BY VENDOR. CONTRACTOR TO COORDINATE.
- NEW BUILT-IN SINKING. CONTRACTOR TO COORDINATE WITH OWNER AND MILLWORK SUPPLIER. SEE INTERIOR ELEVATIONS.
- NEW STAINPPE. SPRINKLER SYSTEM IS DESIGN-BUILD AND WILL BE SUBMITTED UNDER A SEPARATE PERMIT. CONTRACTOR TO VERIFY EXACT LOCATION.
- APPROXIMATE LOCATION OF EXISTING STAINPPE. CONTRACTOR TO VERIFY. SPRINKLER SYSTEM IS DESIGN-BUILD UNDER A SEPARATE PERMIT.
- NEW 2-HR FIRE RATED SHAFT WALL ASSEMBLY INSTALLED HORIZONTALLY BELOW EXISTING FIRE-RATED CEILING ASSEMBLY ABOVE. TYPICAL AT ALL LOWERED CORRIDOR CEILING 3RD FLOOR. REFER TO 2/A0.3.
- FLUMING AND ELECTRICAL WORK FOR TRASH CHUTE HORIZONTAL WINDOW. CONTRACTOR TO COORDINATE WITH MILLWORK SUPPLIER.
- CONTRACTOR TO VERIFY THE EXTENTS OF THE EXISTING BASED SLAB.
- NEW WALL CONSTRUCTION CENTERED ON EXISTING HISTORIC WINDOW TRIM OR EXISTING HISTORIC PLASTER WHERE INDICATED ON PLAN. CONTRACTOR TO VERIFY HISTORIC WINDOW TRIM WILL NOT BE INTERRUPTED.
- SOFFIT ABOVE TO ALIGN WITH EDGE OF SLATED COLUMN BELOW.
- TRASH DISCHARGE ROOM DOOR, CONTAINER, AND COMPACTOR TO BE CENTERED ON CHUTE ABOVE. CONTRACTOR TO VERIFY EXACT PLACEMENT IN THE FIELD AND VERIFY ALL PRODUCT REQUIREMENTS WITH MFR.
- NEW CONCRETE SLAB WITH SUPPORTING BENT PLATE REFER TO STRUCTURAL. PROVIDE 3-HR INTUMESCENT COATING ON SUPPORTING STEEL BENT PLATE. SEE 6/A0.3 FOR REQUIRED THICKNESS OF COATING.

NEW WORK PLAN GRAPHIC LEGEND

NEW WORK PLAN GRAPHIC LEGEND

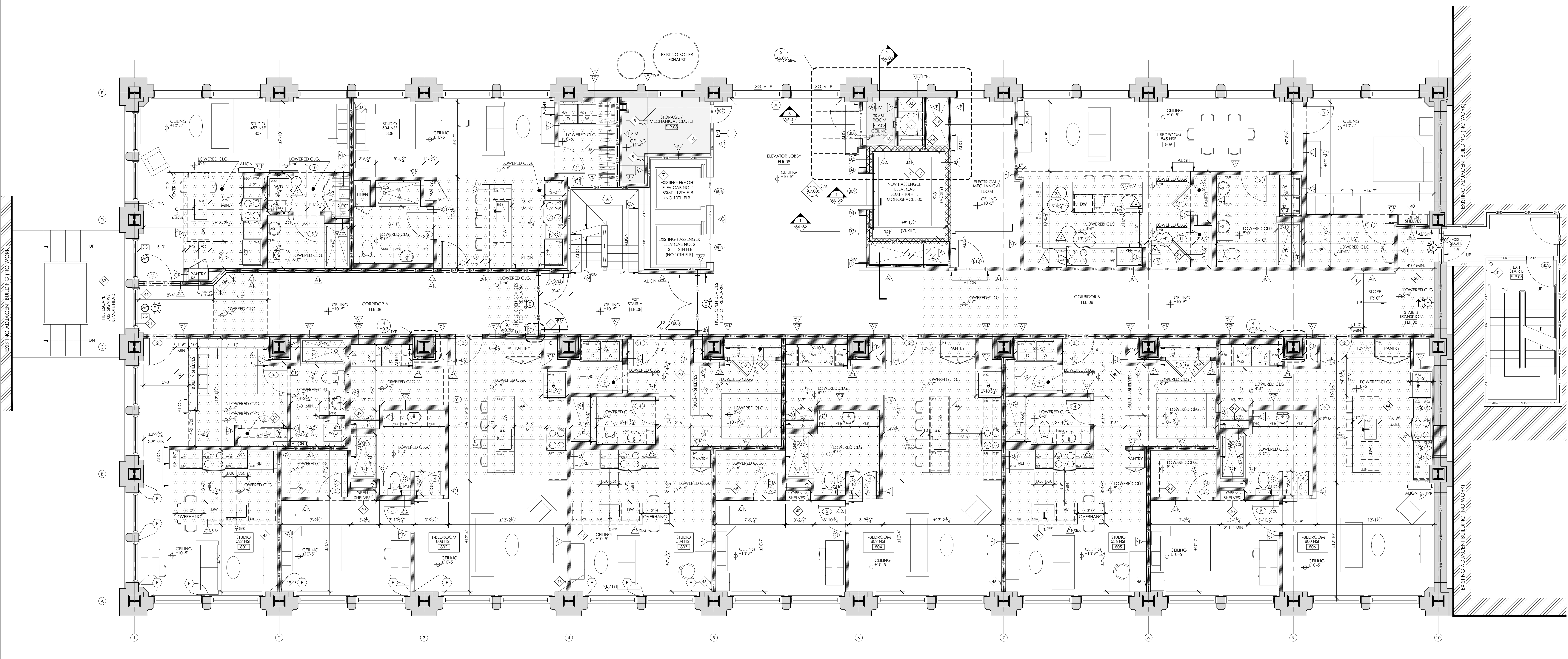
- KEYED NOTE
- WALL TAG. REFER TO WALL TYPE SHEET
- DOOR TAG. REFER TO DOOR SCHEDULE
- EXISTING FRAMED OR CLAY TILE WALL TO REMAIN. REFER TO WALL TAG
- NEW METAL FRAMED FURRING OR WALL. REFER TO WALL TAG
- EXISTING BRICK / STONE MASONRY WALL TO REMAIN. REFER TO WALL TAG
- NEW MASONRY WALL OR MASONRY INFILL (CMU OR BRICK). REFER TO WALL TAG
- INDICATES FIRE RESISTANCE RATING WALL REQUIREMENT
- INDICATES WALL PROVIDING TWO-HOUR FIRE-RESISTANCE RATING (FIRE BARRIER)
- EXISTING BEAM - SEE STRUCTURAL DRAWINGS
- EXISTING COLUMN CENTERLINE
- HATCH INDICATES AREA OF NEW LOWERED GYP. DR. CEILING (ARROW). DASHED LINE INDICATES FACE OF SOFFIT (ARROW). HEIGHT INDICATED ON PLANS. SEE DETAIL 7/A0.3.
- HATCH INDICATES AREA OF NEW 2-HR RATED FLOOR INFL. SEE 2/A0.3. REFER TO STRUCTURAL DRAWING.
- HATCH INDICATES AREA OF NEW CONCRETE SLAB (REFER TO STRUCTURAL DRAWINGS).
- EXISTING DOOR AND FRAME. REFER TO DOOR TAGS AND DOOR SCHEDULE
- NEW DOOR AND FRAME. REFER TO DOOR TAGS AND DOOR SCHEDULE
- EXISTING WINDOW UNIT
- INDICATES WATER CURTAIN INSTALLED AT THE INTERIOR SIDE OF WINDOWS ADJACENT TO THE FIRE RATED PART OR LEVEL FIRE CONTAINMENT DEPARTMENT OF BUILDINGS AND INSPECTIONS ACCEPTED ALTERNATIVE ENGINEERED DESIGN (IBC 106.3).
- EXIT SIGN AND EMERGENCY LIGHTS. TO BE CONNECTED TO THE BUILDING'S ELECTRIC SUPPLY AND W/ TAMPEREVIDENT BATTERY BACK-UP IN ACCORDANCE WITH SECTION 1003 AND 901.2.15. CBC.
- INDICATES SAFETY GLASSING REQUIRED. PROVIDE SAFETY GLASSING AT WINDOWS W/ R-24 HORIZONTALS OF DOORS, AND ADJACENT TO STAIRS, LANDINGS, AND FIRE ESCAPE LANDINGS.

CABINETRY PLAN LEGEND

LETTERS INDICATES CABINET TYPE. TYP. NUMBERS INDICATES CABINET WIDTH IN INCHES. TYP. GENERAL CONTRACTOR TO FIELD VERIFY PRIOR TO ORDERING CABINETS.

| CABINET TYPE ABBREVIATIONS: | | | |
|-----------------------------|---------------------|------|---|
| B | BASE CABINET | W | WALL CABINET |
| BB | BUND BASE CABINET | BW | BUND WALL CABINET |
| CB | CORNER BASE CABINET | | |
| DB | DRAWER BASE CABINET | BADA | WALL HUNG ADA |
| SB | SINK BASE CABINET | VADA | COUNTERTOP BASE (B) OR VANITY (V) CABINET WITH APPROACH CLEARANCE |
| VB | VANITY BASE CABINET | | |
| T | TALL CABINET | | |

NOTE: PROVIDE SOLID WOOD BLOCKING IN NEW AND EXISTING WALLS AS REQUIRED TO SECURELY ANCHOR NEW CABINETRY.



EIGHTH FLOOR NEW WORK PLAN
A3.08 1/4" = 1'-0"

MERCANTILE LIBRARY BUILDING
414 WALNUT STREET
CINCINNATI, OH 45202

modelgroup
DEVELOPMENT - CONSTRUCTION - MANAGEMENT

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EIGHTH FLOOR
NEW WORK PLAN

A3.08

HISTORIC GENERAL NOTES

- ALL TILE FLOORING, EXPOSED OR CURRENTLY COVERED BY CONTEMPORARY FLOOR FINISHES, IN ELEVATOR LOBBIES, CORRIDORS, AND WITHIN OFFICE AREAS TO REMAIN IN PLACE.
NOTIFY ARCHITECT TO REVIEW FLOORING AFTER EXISTING CONTEMPORARY FLOORING IS REMOVED.
PAINTED WOOD WINDOW CASINGS ARE TYPICALLY PRESENT AT EXTERIOR OPENINGS NEAR ELEVATORS. WINDOW CASINGS TO REMAIN IN PLACE. REPAIR TO MATCH HISTORIC AS REQD. PRIME AND PAINT. CONTRACTOR SHALL REPAIR WINDOW CASING, SILLS, AND APRONS IN DWELLING UNITS AND COMMON SPACES TO MATCH HISTORIC CONDITION. CASING AND SILLS ARE TYPICALLY MISSING OR DAMAGED DUE TO PREVIOUS INSTALLATION OF RADIATOR COVERS. PROVIDE NEW WINDOW CASING, SILLS, AND APRONS TO CLOSELY MATCH HISTORIC PROFILES WHERE HISTORIC ELEMENTS ARE MISSING OR DAMAGED. PRIME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.
PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED WHERE INDICATED ON PLANS. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (SEE ILLUSTRATED). CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND COMMON SPACES. SALVAGE WOOD BASEBOARD AT INTERIOR OFFICE WALLS AND INSTALL IN MISSING PERIMETER EXTERIOR WALL LOCATIONS. CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD BASEBOARD TO MATCH HISTORIC BASEBOARD PROFILE AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES AT REMAINING LOCATIONS WHERE HISTORIC BASEBOARD IS MISSING OR DAMAGED. NEW BASEBOARD ON INTERIOR WALLS WILL NOT MATCH HISTORIC PROFILE. PRIME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.

HISTORIC KEYED NOTES

- MARBLE HANICOT TO REMAIN.
A.1. MARBLE HANICOT PANELS TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT / TRASH ROOM CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH EXISTING CONFIGURATION. EXCESS SALVAGED MARBLE TO BE APPLIED WHERE MISSING AT SOUTH WALL OF SECOND FLOOR LOBBY.
B. MARBLE THRESHOLD TO BE REMOVED.
C. MARBLE THRESHOLD TO BE REMOVED/SALVAGED WHERE INDICATED ON PLANS. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (SEE ILLUSTRATED). CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES. SALVAGE WOOD BASEBOARD AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES AT REMAINING LOCATIONS WHERE HISTORIC BASEBOARD IS MISSING OR DAMAGED. NEW BASEBOARD ON INTERIOR WALLS WILL NOT MATCH HISTORIC PROFILE. PRIME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.
D.1. PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED FOR REINSTALLATION IN SAME LOCATION WHERE STILL EXPOSED AFTER NEW FLOOR INFL. / NEW WALL CONSTRUCTION WITHIN FLOOR 11.3 (MERCANTILE LIBRARY STORAGE ROOM). PRIME AND PAINT. COLOR TO BE SELECTED BY ARCHITECT.
E. PAINTED WOOD PICTURE RAIL TO REMAIN. CONTRACTOR SHALL REPAIR HISTORIC PICTURE RAIL AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS. SALVAGE WOOD PICTURE RAIL AT INTERIOR OFFICE WALLS AND INSTALL IN MISSING PERIMETER WALL LOCATIONS. AT REMAINING MISSING LOCATIONS, CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD PICTURE RAIL TO MATCH HISTORIC PICTURE RAIL PROFILE AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS WHERE ANY HISTORIC PICTURE RAIL IS PRESENT TO COMPLETE THE EXTERIOR WALLS. DO NOT INSTALL NEW PICTURE RAIL INSIDE OF DWELLING UNITS WHERE NO HISTORIC PICTURE RAIL IS PRESENT.
E.1. PAINTED WOOD PICTURE RAIL TO REMAIN WHERE STILL EXPOSED AFTER NEW WALL CONSTRUCTION WITHIN FLOOR 11.3 (MERCANTILE LIBRARY STORAGE ROOM). SALVAGE WOOD PICTURE RAIL AT WALL LOCATIONS NOW COVERED BY NEW SHAF WALL CONSTRUCTION AND REINSTALL IF MISSING AT EXISTING EXPOSED WALLS WITHIN THE ROOM.
F. PAINTED WOOD PICTURE RAIL TO BE REMOVED. SALVAGE. SEE HISTORIC KEYED NOTE.
G. PAINTED WOOD CROWN MOULD TO BE REMOVED.
H. PAINTED WOOD DOOR TRANSOM TO BE REMOVED.
I. PAINTED WOOD DOOR CASING TO BE REMOVED.
J. COVE CEILING REMNANT TO BE REMOVED.
K. MALL CHUTE AND MARBLE TO REMAIN.
L. EXISTING CLAY TILE SHAF WALL, MARBLE WALL PANELS AND MARBLE SURROUND TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH CONFIGURATION.
M. HISTORIC PLASTER CEILING ABOVE CONTEMPORARY SUSPENDED CEILING TO REMAIN INTACT WITH NO DAMAGE DURING CONSTRUCTION.
N. HISTORIC METAL ELEVATOR DOORS, METAL PANEL ABOVE DOORS, AND METAL STOP INDICATOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CHUTE OPENINGS AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENINGS/HISTORIC MARBLE SURROUND.
O. HISTORIC METAL ELEVATOR DOORS AND METAL PANEL ABOVE DOOR TO BE REMOVED. HISTORIC METAL STOP INDICATOR TO BE CAREFULLY REMOVED AND SALVAGED FOR REINSTALLATION IN NEW METAL PANEL.
P. HISTORIC STEEL ELEVATOR DOOR AND FRAME TO BE REMOVED.
Q. HISTORIC METAL ELEVATOR DOOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CHUTE ELEVATOR SHAFT AND SALVAGED FOR REINSTALLATION WITH DOOR OPENING AND HISTORIC METAL FRAME.
R. HISTORIC ELEVATOR DOOR TO BE REMOVED TO ACCOMMODATE NEW FIRE-RATED ELEVATOR DOOR.
S. HISTORIC ACCESS DOOR TO REMAIN. DOOR TO BE FIXED SHUT IN THE CLOSED POSITION.
T. HISTORIC DOOR TO REMAIN IN PLACE.
U. HISTORIC FLOOR FINISH FLOORINGS TO BE REMOVED AND SALVAGED FOR REINSTALLATION AFTER NEW FLOOR STRUCTURE INFL.

NEW WORK GENERAL NOTES

- ALL LOAD BEARING STRUCTURAL ELEMENTS ARE TO REMAIN UNLESS OTHERWISE NOTED TO BE REMOVED, OR MASONRY OPENINGS ARE CREATED OR MODIFIED, SHORE AND BRACE EXISTING BUILDING AS REQUIRED.
EXCEPT WHERE NEW DROPPED CEILINGS ARE SHOWN, EXISTING PLASTER CEILINGS ARE TO REMAIN.
EXISTING NON-HISTORIC STOREFRONT INFILL TO REMAIN THROUGHOUT FIRST FLOOR.
NORTH ELEVATOR CABS AND MACHINERY TO REMAIN. PROTECT THROUGHOUT DEMOLITION AND CONSTRUCTION. C.C. TO REVIEW CONDITION AND REPAIR AS REQUIRED.
SEE THE A7 SHEET SERIES FOR TYPICAL KITCHEN, BATHROOM, AND LAUNDRY ELEVATIONS.
CEILING HEIGHTS INDICATED ARE TO UNDERSCORE OF EXISTING PLASTER FINISH.

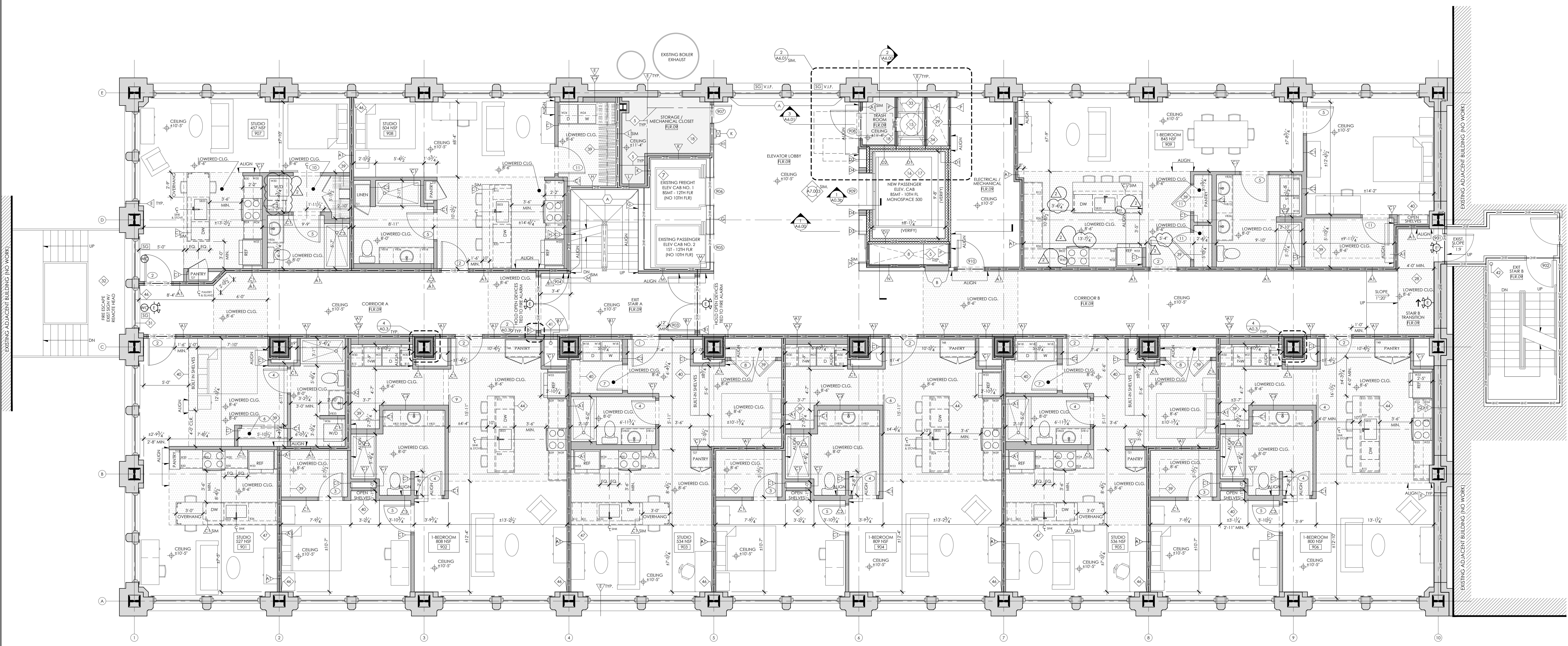
NEW WORK KEYED NOTES

- EXISTING NON-RATED ELEVATOR DOOR TO REMAIN.
VERIFY EXISTING 2-HR RATED WALLS AT BOTTOM OF EXISTING STAIR 'A'. THIS IS NOT AN EXIT EXISTING FROM STAIR 'A' ON 3RD FLOOR; THE RATING IS REQUIRED IN ORDER TO PROVIDE A CONTINUOUS FIRE-RATED STAIR ENCLOSURE.
NEW STEEL 1 1/2" DIA. TYPICAL HORIZONTAL PARTITION AND MOUNTED 8" R/C ABOVE STAIR HOISTING AT MIN. 1 1/2" FROM WALL, WHERE CONDITIONS ALLOW. EXTEND 12" HORIZONTALLY AT TOP OF STAIR AND EXTEND DIAGONALLY (1) TREAD DEPTH AT BOTTOM, RETURN HORIZONTAL TO WALL AS SHOWN ON FLOOR PLAN (THREE PLAN CONFIGURATION ALLOWED, OTHERWISE RETURN TO FLOOR). AT EXISTING OPENING HANDRAILS 12" HORIZONTALLY AT TOP AND BOTTOM OF RAMP. RETURN TO WALL AS SHOWN ON FLOOR PLAN.
PROVIDE NEW STAIR AND LANDING AT STAIR 'B' TRANSITION. FRAME AS REQUIRED WITH FRT WOOD FRAMING. LANDING ELEVATION TO MATCH EXISTING DOOR THRESHOLD ELEVATION. STAIR TO BE MIN. 4" MAX. 7" RISE.
EXISTING EXPOSED STEEL COLUMN / BEAM TO REMAIN UNLESS OTHERWISE NOTED. PROVIDE 2-HR RATED INHUMESCENT COATING WITH THICKNESS AS REQUIRED FOR RATING. TYPICAL FOR ALL NEW OR EXISTING EXPOSED STEEL IN BUILDING. SEE DETAIL A/6.0.3.
EXISTING ELEVATOR PLATFORM LEFT TO REMAIN.
EXISTING FREIGHT ELEVATOR TO REMAIN AND BE USED AS PASSENGER ELEVATOR.
NEW 2-HR FIRE RATED MECHANICAL SHAFT (BASEMENT TO ROOF) TO ROOFTOP MECHANICAL EQUIPMENT. FIRE-RATED DAMPING ARE REQUIRED AT PENETRATIONS OF SHAFT WALLS. ALL PENETRATIONS TO BE IN ACCORDANCE WITH CBC SECTION 714.4. MFP'S DESIGN BUILD. CONTRACTOR TO VERIFY MINIMUM SIZE.
NEW CONCRETE SLAB. SEE STRUCTURAL DRAWINGS. EXTENT OF NEW CONCRETE IS UNKNOWN. CONTRACTOR TO COORDINATE.
NEW CONCRETE SLAB. SEE STRUCTURAL DRAWINGS. EXTENT OF NEW CONCRETE IS UNKNOWN. CONTRACTOR TO COORDINATE. TOP OF NEW CONCRETE ELEVATION TO MATCH ADJACENT CONCRETE FOR LEVEL TRANSITION.
RESUPPORT EXISTING STAIR AS NECESSARY.
2-HOUR FIRE-RATED INCISED. ROLLING TRASH CHUTE DISCHARGE DOOR ABOVE. DOOR TO BE HELD OPEN BY FURB LINK. COORDINATE PRODUCT SELECTION WITH OWNER.
NEW CONCRETE STAIRS: 7" RISE MAX. / 4" RISE MIN. AND 11" MIN. TREAD. FINAL LOCATION OF STEPS TO BE DETERMINED BASED ON NECESSARY EXTENTS OF NEW SLAB. MAINTAIN MINIMUM LANDING DIMENSION FROM DOOR.
NEW TRASH COMPACTOR. BASIS OF DESIGN: APOLLO ADD APARTMENT COMPACTOR. COORDINATE PRODUCT SELECTION WITH OWNER. CONTRACTOR TO VERIFY MIN. CLEARANCES AND PRODUCT REQUIREMENTS WITH MFR.
NEW TRASH CHUTE (BASEMENT - 10TH FLOOR) W/ REFRIGERATE 2-HR RATED CHUTE (INAKE DOORS AND DISCHARGE DOORS IN NEW 2-HOUR FIRE-RATED SHAFT, 30" DIA. METAL, 1/4" GAUGE, ALUMINIZED STEEL, BASIS OF DESIGN - CHUTE SOURCE, LLC - GRAVITY 2 MIXED USE RUBBER CHUTE. COORDINATE PRODUCT SELECTION WITH OWNER. REFER TO SHEET A/6.0.1.
NEW ELEVATOR IN NEW 2-HOUR FIRE RATED CHUTE SHAFT. SEE STRUCTURAL DRAWINGS. NEW SHAFT SIZE AND DOOR LOCATION BASED ON KONE KONE 300.4000. 300 HP ELEVATOR. CONTRACTOR TO VERIFY ALL ELEVATOR REQUIREMENTS WITH ELEVATOR MANUFACTURER. PROVIDE ALL CODE REQD. ELEMENTS, INCLUDING, BUT NOT LIMITED TO: SHIP RAMP, FRT LASH, CUTLIES, SWITCHES, LIGHT FIXTURES. COORDINATE W/ MFP DESIGN-BUILD TEAM (UNDER SEPARATE PERMIT). PROVIDE ADDITIONAL TUBE MEMBERS REQD BY KONE FOR ELEVATOR ASSEMBLY. ELEVATOR MUST ACCOMMODATE 5'4" OF AMBULANCE STRETCHER, AS REQD BY CBC 3002.4. NEW ELEVATOR DOOR IS TO BE CENTERED ON THE EXISTING ELEVATOR DOOR OPENING.
CONTRACTOR TO COORDINATE EXACT LOCATION OF NEW SHAFT. SHAFT DEPTHS TO BE VERIFIED IN FIELD IN ORDER TO ALIGN THE NEW SHAFT WALL TO THE INTERIOR FACE OF THE EXISTING BEAM / CLAY TILE WALL AS SHOWN. VERIFY MINIMUM CLEAR DIMENSIONS WITH ELEVATOR MANUFACTURER.
NEW 2-HOUR FIRE-RATED FLOOR INFL. ALIGN NEW FLOOR STRUCTURE AND SUBLOOR W/ EXISTING ADJACENT SUBLOOR. SEE 2/A/3.0 AND STRUCTURAL DRAWINGS.
APPROXIMATE LOCATION OF EXISTING HISTORIC WINDOW TRIM OR EXISTING HISTORIC PLASTER WHERE INDICATED ON PLAN. CONTRACTOR TO VERIFY HISTORIC WINDOW TRIM WILL NOT BE INTERRUPTED.
SOFFIT ABOVE TO ALIGN WITH EDGE OF SLAB AND COLUMN BELOW.
TRASH DISCHARGE ROOM DOOR, CONTAINER, AND COMPACTOR TO BE CENTERED ON CHUTE ABOVE. CONTRACTOR TO VERIFY EXACT PLACEMENT IN THE FIELD AND VERIFY ALL PRODUCT REQUIREMENTS WITH MFR.
NEW CONCRETE SLAB WITH SUPPORTING BENT PLATE. REFER TO STRUCTURAL. PROVIDE 3-HR INHUMESCENT COATING ON SUPPORTING STEEL BENT PLATE. SEE A/6.0.3 FOR REQUIRED THICKNESS OF COATING.

NEW WORK PLAN GRAPHIC LEGEND

NEW WORK PLAN GRAPHIC LEGEND
KEYED NOTE
WALL TAG. REFER TO WALL TYPE SHEET
DOOR TAG. REFER TO DOOR SCHEDULE
EXISTING FRAMED OR CLAY TILE WALL TO REMAIN. REFER TO WALL TAG
NEW METAL FRAMED FURRING OR WALL. REFER TO WALL TAG
EXISTING BRICK / STONE MASONRY WALL TO REMAIN. REFER TO WALL TAG
NEW MASONRY WALL OR MASONRY INFILL (CMU OR BRICK). REFER TO WALL TAG
INDICATES FIRE RESISTANCE RATING WALL REQUIREMENT
INDICATES WALL PROVIDING TWO-HOUR FIRE RESISTANCE RATING (FIRE BARRIER)
EXISTING BEAM - SEE STRUCTURAL DRAWINGS
EXISTING COLUMN CENTERLINE
MATCH INDICATES AREA OF NEW LOWERED GYP. BD. CEILING (ABOVE). DASHED LINE INDICATES FACE OF SOFFIT (ABOVE). HEIGHT INDICATED ON PLANS. SEE DETAIL 7/A/3.0.
MATCH INDICATES AREA OF NEW 2-HR RATED FLOOR INFL. SEE 2/A/3.0. REFER TO STRUCTURAL DRAWING.
MATCH INDICATES AREA OF NEW CONCRETE SLAB (REFER TO STRUCTURAL DRAWINGS)
EXISTING DOOR AND FRAME. REFER TO DOOR TAGS AND DOOR SCHEDULE
NEW DOOR AND FRAME. REFER TO DOOR TAGS AND DOOR SCHEDULE
EXISTING WINDOW UNIT
INDICATES WATER CURTAIN INSTALLED AT THE INTERIOR SIDE OF WINDOWS ADJACENT TO THE FIRE ESCAPE PATH OR LEVEL FIRE CONTAINMENT DEPARTMENT OF BUILDINGS AND INSPECTIONS ACCEPTED ALTERNATIVE ENGINEERED DESIGN (OBC 106.3).
EXISTING AND EMERGENCY FORCE LIGHTS. TO BE CONNECTED TO THE BUILDING'S ELECTRIC SUPPLY AND W/ TAUBERGENE BATTERY BACK-UP IN ACCORDANCE WITH SECTION 1003.103 AND 24.1.5.5. CBC.
INDICATES SAFETY GLASSING REQUIRED. PROVIDE SAFETY GLASSING AT WINDOWS W/ R/2" HORIZONTALS OF DOORS, AND ADJACENT TO STAIRS, LANDINGS, AND FIRE ESCAPE LANDINGS.

CABINETRY PLAN LEGEND
LETTERS INDICATES CABINET TYPE, TYP.
NUMBERS INDICATES CABINET WIDTH IN INCHES, TYP. GENERAL CONTRACTOR TO FIELD VERIFY PRIOR TO ORDERING CABINETS.
CABINET TYPE ABBREVIATIONS:
B BASE CABINET
BB BUND BASE CABINET
CB CORNER BASE CABINET
DB DRAWER BASE CABINET
SB SINK BASE CABINET
VB VANITY BASE CABINET
T TALL CABINET
W WALL CABINET
BW BUND WALL CABINET
BADA WALL HUNG ADA COMPLIANT BASE (BI)
VADA VANITY (V) CABINET WITH APPROACH CLEARANCE
NOTE: PROVIDE SOLID WOOD BLOCKING IN NEW AND EXISTING WALLS AS REQUIRED TO SECURELY ANCHOR NEW CABINETRY.



NINTH FLOOR NEW WORK PLAN
A3.09
1/4\"/>

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NINTH FLOOR
NEW WORK PLAN

A3.09

HISTORIC GENERAL NOTES

- ALL TILE FLOORINGS, EXPOSED OR CURRENTLY COVERED BY CONTEMPORARY FLOOR FINISHES, IN ELEVATOR LOBBIES, CORRIDORS, AND WITHIN OFFICE AREAS TO REMAIN IN PLACE.
NOTIFY ARCHITECT TO REVIEW FLOORING AFTER EXISTING CONTEMPORARY FLOORING IS REMOVED.

- PAINTED WOOD WINDOW CASINGS ARE TYPICALLY PRESENT AT EXTERIOR OPENINGS. INTERIOR WINDOW CASINGS TO REMAIN IN PLACE. REPAIR TO MATCH HISTORIC AS REQD. PRIME AND PAINT CONTRACTOR SHALL REPAIR WINDOW CASINGS, SILLS, AND APRONS IN DWELLING UNITS AND COMMON SPACES TO MATCH HISTORIC CONDITION. CASING AND SILLS ARE TYPICALLY MISSING OR DAMAGED DUE TO PREVIOUS INSTALLATION OF RADIATOR COVERS. PROVIDE NEW WINDOW CASINGS, SILLS, AND APRONS TO CLOSELY MATCH HISTORIC PROFILES WHERE HISTORIC ELEMENTS ARE MISSING OR DAMAGED. PRIME AND PAINT WOOD TRIM, COLOR TO BE SELECTED BY ARCHITECT.

- PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED WHERE INDICATED ON PLANS. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (SEE ILLUSTRATED). CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND COMMON SPACES. SALVAGE WOOD BASEBOARD AT INTERIOR OFFICE WALLS AND INSTALL IN MISSING PERIMETER EXTERIOR WALL LOCATIONS. CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD BASEBOARD TO MATCH HISTORIC BASEBOARD PROFILE AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES AT REMAINING LOCATIONS WHERE HISTORIC BASEBOARD IS MISSING OR THE SALVAGED WOOD BASEBOARD CAN NOT BE REINSTALLED. NEW BASEBOARD ON INTERIOR WALLS WILL NOT MATCH HISTORIC PROFILE. PRIME AND PAINT WOOD TRIM, COLOR TO BE SELECTED BY ARCHITECT.

- PAINTED WOOD PICTURE RAIL TO REMAIN. CONTRACTOR SHALL REPAIR HISTORIC PICTURE RAIL AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS. SALVAGE WOOD PICTURE RAIL PROFILE AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS WHERE ANY HISTORIC PICTURE RAIL IS PRESENT TO COMPLETE THE EXTERIOR WALLS. DO NOT INSTALL NEW PICTURE RAIL INSIDE OF DWELLING UNITS WHERE NO HISTORIC PICTURE RAIL IS PRESENT.

- PAINTED WOOD PICTURE RAIL TO REMAIN WHERE STILL EXPOSED AFTER NEW WALL CONSTRUCTION WITHIN FLOOR 11.5 (MERCANTILE LIBRARY STORAGE ROOM). SALVAGE WOOD PICTURE RAIL AT WALL LOCATIONS NOW COVERED BY NEW SHIRT WALL CONSTRUCTION AND REINSTALL IF MISSING AT EXISTING EXPOSED WALLS WITHIN THE ROOM.

- PAINTED WOOD CROWN MOULD TO BE REMOVED. SALVAGE SEE HISTORIC KEYED NOTE.

- PAINTED WOOD DOOR TRANSOM TO BE REMOVED.

- PAINTED WOOD DOOR CASING TO BE REMOVED.

- COVE CEILING REMOVAL TO BE REMOVED.

- MARBLE CHUTE AND MARBLE TO REMAIN.

- EXISTING CLAY TILE SHIRT WALL, MARBLE WALL PANELS AND MARBLE SURROUND TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHIRT WALL CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH CONFIGURATION.

- HISTORIC PLASTER CEILING ABOVE CONTEMPORARY SUSPENDED CEILING TO REMAIN INTACT WITH NO DAMAGE DURING CONSTRUCTION.

- HISTORIC METAL ELEVATOR DOORS, METAL PANEL ABOVE DOORS, AND METAL STOP INDICATOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CHUTE ELEVATOR SHIRTS AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENINGS/HISTORIC MARBLE SURROUND.

- HISTORIC METAL ELEVATOR DOORS AND METAL PANEL ABOVE DOOR TO BE REMOVED. HISTORIC METAL STOP INDICATOR TO BE CAREFULLY REMOVED AND SALVAGED FOR REINSTALLATION IN NEW METAL PANEL.

- HISTORIC STEEL ELEVATOR DOOR AND FRAME TO BE REMOVED.

- HISTORIC METAL ELEVATOR DOOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CHUTE ELEVATOR SHIRT AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENING AND HISTORIC METAL FRAME.

- HISTORIC ELEVATOR DOOR TO BE REMOVED TO ACCOMMODATE NEW FIRE-RATED ELEVATOR DOOR.

- HISTORIC ACCESS DOOR TO REMAIN. DOOR TO BE KEPT SHUT IN THE CLOSED POSITION.

- HISTORIC DOOR TO REMAIN IN PLACE.

- HISTORIC WOOD FINISHED FLOORINGS TO BE REMOVED AND SALVAGED FOR REINSTALLATION AFTER NEW FLOOR STRUCTURE INFILL.

HISTORIC KEYED NOTES

- MARBLE WAINSCOT TO REMAIN.

- MARBLE WAINSCOT PANELS TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHIRT / TRASH ROOM CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH EXISTING CONFIGURATION. EXCESS SALVAGED MARBLE TO BE APPLIED WHERE MISSING AT FOURTH WALL OF SECOND FLOOR LOBBY.

- MARBLE THRESHOLD TO BE REMOVED.

- PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED WHERE INDICATED ON PLANS. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (SEE ILLUSTRATED). CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES. SALVAGE WOOD BASEBOARD AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES AT REMAINING LOCATIONS WHERE HISTORIC BASEBOARD IS MISSING OR THE SALVAGED WOOD BASEBOARD CAN NOT BE REINSTALLED. NEW BASEBOARD ON INTERIOR WALLS WILL NOT MATCH HISTORIC PROFILE. PRIME AND PAINT WOOD TRIM, COLOR TO BE SELECTED BY ARCHITECT.

- PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED WHERE INDICATED ON PLANS. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (SEE ILLUSTRATED). CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES. SALVAGE WOOD BASEBOARD AT PERIMETER EXTERIOR WALLS IN DWELLING UNITS AND IN COMMON SPACES AT REMAINING LOCATIONS WHERE HISTORIC BASEBOARD IS MISSING OR THE SALVAGED WOOD BASEBOARD CAN NOT BE REINSTALLED. NEW BASEBOARD ON INTERIOR WALLS WILL NOT MATCH HISTORIC PROFILE. PRIME AND PAINT WOOD TRIM, COLOR TO BE SELECTED BY ARCHITECT.

- PAINTED WOOD PICTURE RAIL TO REMAIN. CONTRACTOR SHALL REPAIR HISTORIC PICTURE RAIL AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS. SALVAGE WOOD PICTURE RAIL PROFILE AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS WHERE ANY HISTORIC PICTURE RAIL IS PRESENT TO COMPLETE THE EXTERIOR WALLS. DO NOT INSTALL NEW PICTURE RAIL INSIDE OF DWELLING UNITS WHERE NO HISTORIC PICTURE RAIL IS PRESENT.

- PAINTED WOOD PICTURE RAIL TO REMAIN WHERE STILL EXPOSED AFTER NEW WALL CONSTRUCTION WITHIN FLOOR 11.5 (MERCANTILE LIBRARY STORAGE ROOM). SALVAGE WOOD PICTURE RAIL AT WALL LOCATIONS NOW COVERED BY NEW SHIRT WALL CONSTRUCTION AND REINSTALL IF MISSING AT EXISTING EXPOSED WALLS WITHIN THE ROOM.

- PAINTED WOOD CROWN MOULD TO BE REMOVED. SALVAGE SEE HISTORIC KEYED NOTE.

- PAINTED WOOD DOOR TRANSOM TO BE REMOVED.

- PAINTED WOOD DOOR CASING TO BE REMOVED.

- COVE CEILING REMOVAL TO BE REMOVED.

- MARBLE CHUTE AND MARBLE TO REMAIN.

- EXISTING CLAY TILE SHIRT WALL, MARBLE WALL PANELS AND MARBLE SURROUND TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHIRT WALL CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH CONFIGURATION.

- HISTORIC PLASTER CEILING ABOVE CONTEMPORARY SUSPENDED CEILING TO REMAIN INTACT WITH NO DAMAGE DURING CONSTRUCTION.

- HISTORIC METAL ELEVATOR DOORS, METAL PANEL ABOVE DOORS, AND METAL STOP INDICATOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CHUTE ELEVATOR SHIRTS AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENINGS/HISTORIC MARBLE SURROUND.

- HISTORIC METAL ELEVATOR DOORS AND METAL PANEL ABOVE DOOR TO BE REMOVED. HISTORIC METAL STOP INDICATOR TO BE CAREFULLY REMOVED AND SALVAGED FOR REINSTALLATION IN NEW METAL PANEL.

- HISTORIC STEEL ELEVATOR DOOR AND FRAME TO BE REMOVED.

- HISTORIC METAL ELEVATOR DOOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CHUTE ELEVATOR SHIRT AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENING AND HISTORIC METAL FRAME.

- HISTORIC ELEVATOR DOOR TO BE REMOVED TO ACCOMMODATE NEW FIRE-RATED ELEVATOR DOOR.

- HISTORIC ACCESS DOOR TO REMAIN. DOOR TO BE KEPT SHUT IN THE CLOSED POSITION.

- HISTORIC DOOR TO REMAIN IN PLACE.

- HISTORIC WOOD FINISHED FLOORINGS TO BE REMOVED AND SALVAGED FOR REINSTALLATION AFTER NEW FLOOR STRUCTURE INFILL.

NEW WORK GENERAL NOTES

- ALL LOAD BEARING STRUCTURAL ELEMENTS ARE TO REMAIN UNLESS WHERE EXISTING STRUCTURE IS NOTED TO BE REMOVED, OR MASONRY OPENINGS ARE CREATED OR MODIFIED. SHORE AND BRACE EXISTING BUILDING AS REQUIRED.

- EXCEPT WHERE NEW DROPPED CEILINGS ARE SHOWN, EXISTING PLASTER CEILINGS ARE TO REMAIN.

- EXISTING NON-HISTORIC STOREROOM INFILL TO REMAIN THROUGHOUT FIRST FLOOR.

- NORTH ELEVATOR CABS AND MACHINERY TO REMAIN. PROTECT THROUGHOUT DEMOLITION AND CONSTRUCTION. C.C. TO REVIEW CONDITION AND REPAIR AS REQUIRED.

- SEE THE 4 SHEET SERIES FOR TYPICAL KITCHEN, BATHROOM, AND LAUNDRY ELEVATIONS.

- CEILING HEIGHTS INDICATED ARE TO UNDERSCORE OF EXISTING PLASTER FINISH.

NEW WORK KEYED NOTES

- EXISTING NON-RATED ELEVATOR DOOR TO REMAIN.

- VERIFY EXISTING 2-HOUR RATED WALLS AT BOTTOM OF EXISTING STAIR 'A'. THIS IS NOT AN EXIT EXISTING FROM STAIR 'A' ON 3RD FLOOR; THE RATING IS REQUIRED IN ORDER TO PROVIDE A CONTINUOUS FIRE-RATED STAIR ENCLOSURE.

- NEW STEEL 1 1/2" DIA. TUBULAR HANDRAIL, PAINTED AND FINISHED TO MATCH EXISTING STEEL HANDRAIL AT MIN. 1 1/2" FROM WALL, WHERE CONDITIONS ALLOW. EXTEND 12" HORIZONTALLY AT TOP OF STAIR AND EXTEND DIAGONALLY (1) TREAD DEPTH AT BOTTOM, RETURN HORIZONTAL TO WALL AS SHOWN ON FLOOR PLAN (THREE PLAN CONFIGURATION ALLOWED, OTHERWISE RETURN TO FLOOR). 42 SQUARE TUBULAR HANDRAILS 12" HORIZONTALLY AT TOP AND BOTTOM OF RAMP. RETURN TO WALL AS SHOWN ON FLOOR PLAN.

- PROVIDE NEW STAIR AND LANDING AT STAIR 'B' TRANSITION. FRAME AS REQUIRED WITH FRT WOOD FRAMING. LANDING ELEVATION TO MATCH EXISTING DOOR THRESHOLD ELEVATION. STEPS TO BE MIN. 4" MAX. 7" RISE.

- EXISTING EXPOSED STEEL COLUMN / BEAM TO REMAIN UNLESS OTHERWISE NOTED. PROVIDE 2-HR RATED INHUMESCENT COATING WITH THICKNESS AS REQUIRED FOR RATING. TYPICAL FOR ALL NEW OR EXISTING EXPOSED STEEL IN BUILDING. SEE DETAIL 6/A0.3.

- EXISTING ELEVATOR PLATFORM LEFT TO REMAIN.

- EXISTING FREIGHT ELEVATOR TO REMAIN AND BE USED AS PASSENGER ELEVATOR.

- NEW 2-HR FIRE RATED MECHANICAL SHAFT (BASEMENT TO ROOF) TO ROOFTOP MECHANICAL EQUIPMENT. FIRE-RATED DAMPING ARE REQUIRED AT PENETRATIONS OF SHAFT WALLS. ALL PENETRATIONS TO BE IN ACCORDANCE WITH CBC SECTION 7.4. MFP'S DESIGN BUILD. CONTRACTOR TO VERIFY MINIMUM SIZE.

- NEW CONCRETE SLAB. SEE STRUCTURAL DRAWINGS. EXTENT OF NEW CONCRETE IS UNKNOWN. CONTRACTOR TO COORDINATE.

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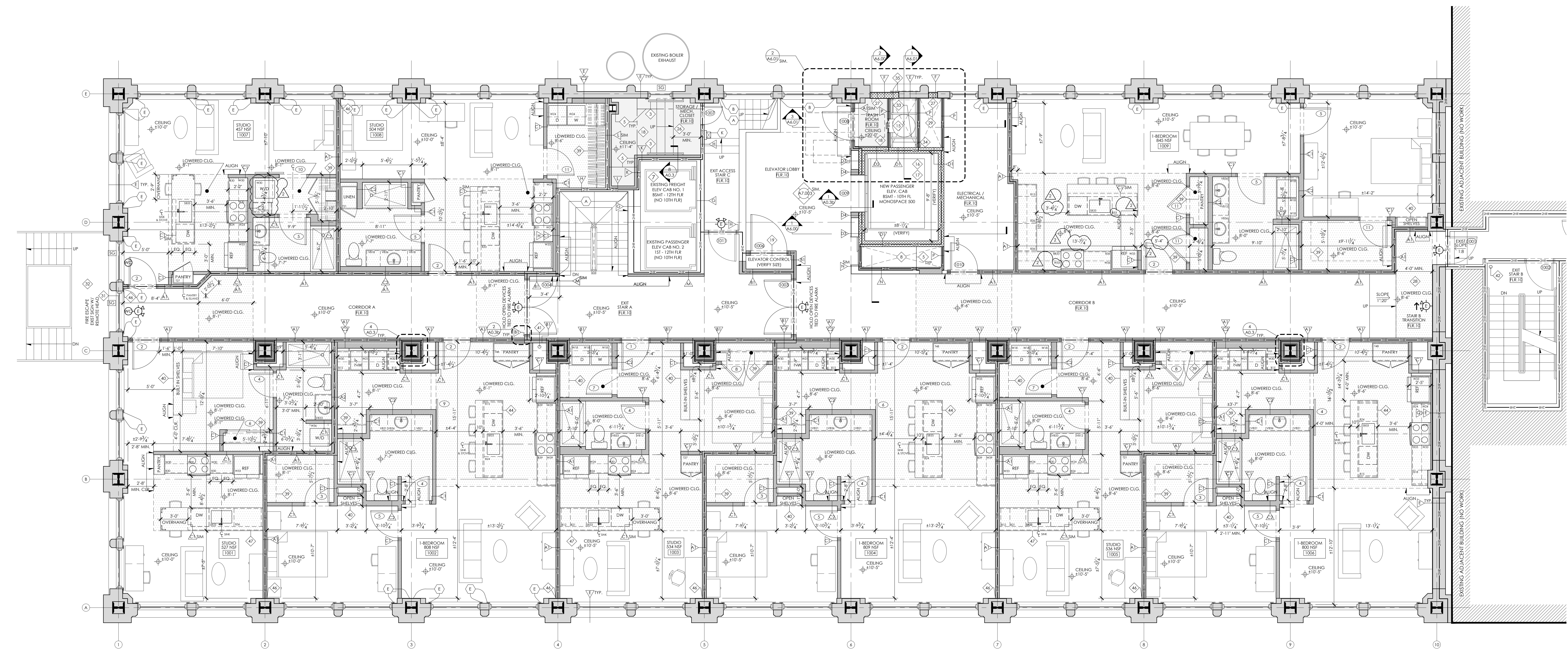
- NEW CONCRETE SLAB. SEE STRUCTURAL DRAWINGS. EXTENT OF NEW CONCRETE IS UNKNOWN. CONTRACTOR TO COORDINATE.

NEW WORK PLAN GRAPHIC LEGEND

- HISTORIC KEYED NOTE
KEYED NOTE
WALL TAG. REFER TO WALL TYPE SHEET
DOOR TAG. REFER TO DOOR SCHEDULE
EXISTING FRAMED OR CLAY TILE WALL TO REMAIN. REFER TO WALL TAG
NEW METAL FRAMED FURRING OR WALL. REFER TO WALL TAG
EXISTING BRICK / STONE MASONRY WALL TO REMAIN. REFER TO WALL TAG
NEW MASONRY WALL OR MASONRY INFILL (CMU OR BRICK). REFER TO WALL TAG
INDICATES FIRE RESISTANCE RATING WALL REQUIREMENT
INDICATES WALL PROVIDING TWO-HOUR FIRE RESISTANCE RATING (FIRE BARRIER)
EXISTING BENCH - SEE STRUCTURAL DRAWINGS
EXISTING COLUMN CENTERLINE
MATCH INDICATES AREA OF NEW LOWERED GYP. BD. CEILING (ABOVE). DASHED LINE INDICATES FACE OF SOFFIT (ABOVE). HEIGHT INDICATED ON PLANS. SEE DETAIL 7/A0.3.
MATCH INDICATES AREA OF NEW 2-HR RATED FLOOR INFILL. SEE 2/A0.3. REFER TO STRUCTURAL DRAWINGS.
MATCH INDICATES AREA OF NEW CONCRETE SLAB (REFER TO STRUCTURAL DRAWINGS)
EXISTING DOOR AND FRAME. REFER TO DOOR TAGS AND DOOR SCHEDULE
NEW DOOR AND FRAME. REFER TO DOOR TAGS AND DOOR SCHEDULE
EXISTING WINDOW UNIT
INDICATES WATER CURTAIN INSTALLED AT THE INTERIOR SIDE OF WINDOWS ADJACENT TO THE FIRE ESCAPE PATH OR LEVEL FIRE CORRIDOR/STAIRWELL/STAIR AND COMMON AREAS AND INFILTRATIONS ACCEPTED ALTERNATIVE ENGINEERED DESIGN (IBC 106.3).
EXISTION AND EMERGENCY FORCE LIGHTS TO BE CONNECTED TO THE BUILDING'S ELECTRIC SUPPLY AND W/ THERMOSTATIC BATTERY BACK-UP IN ACCORDANCE WITH SECTION 1005.10.3 AND 914.2.5. CBC
INDICATES SAFETY GLASSING REQUIRED. PROVIDE SAFETY GLASSING AT WINDOWS W/ R-2+ HORIZONTALS OF DOORS, AND ADJACENT TO STAIRS, LANDINGS, AND FIRE ESCAPE LANDINGS.

CABINETRY PLAN LEGEND

- LETTERS INDICATES CABINET TYPE, TYP.
NUMBERS INDICATES CABINET WIDTH IN INCHES, TYP. GENERAL CONTRACTOR TO FIELD VERIFY PRIOR TO ORDERING CABINETS.
CABINET TYPE ABBREVIATIONS:
B BASE CABINET
BB BUNG-BASE CABINET
CB CORNER BASE CABINET
DB DRAWER BASE CABINET
SB SINK BASE CABINET
VB VANITY BASE CABINET
T TALL CABINET
W WALL CABINET
BW BUNG WALL CABINET
BADA WALL HUNG ADA COMPLIANT BASE (BI)
VADA VANITY (V) CABINET WITH ONE APPROACH CLEARANCE
NOTE: PROVIDE SOLID WOOD BLOCKING IN NEW AND EXISTING WALLS AS REQUIRED TO SECURELY ANCHOR NEW CABINETRY.



TENTH FLOOR NEW WORK PLAN
1/4" = 1'-0"

MERCANTILE LIBRARY BUILDING
414 WALNUT STREET
CINCINNATI, OH 45202

modelgroup
DEVELOPMENT • CONSTRUCTION • MANAGEMENT

ISSUE LOG:
08.17.2022 ISSUE FOR PERMIT
10.27.2022 PERMIT REVISION 1
12.27.2022 BULLETIN 1

TENTH FLOOR
NEW WORK PLAN

A3.10

HISTORIC GENERAL NOTES

- ALL FLOORING, EXPOSED OR CURRENTLY COVERED BY CONTEMPORARY FLOOR FINISHES, IN ELEVATOR LOBBIES, CORRIDORS, AND WITHIN OFFICE AREAS TO REMAIN IN PLACE.
- NOTIFY ARCHITECT TO REVIEW FLOORING AFTER EXISTING CONTEMPORARY FLOORING IS REMOVED.
- PAINTED WOOD WINDOW CASINGS IS TYPICALLY PRESENT AT EXTERIOR OPENINGS (SEE ILLUSTRATED). WINDOW CASING IS TO REMAIN IN PLACE. REPAIR TO MATCH HISTORIC AS REQ'D. FRAME AND PAINT. CONTRACTOR SHALL REPAIR WINDOW CASING, SILLS, AND ARCHES IN DWELLING UNITS AND COMMON SPACES TO MATCH HISTORIC CONDITION. CASING AND SILLS ARE TYPICALLY PRESENT. APRONS ARE TYPICALLY MISSING OR DAMAGED DUE TO PREVIOUS INSTALLATION OF RADONIC COVERS. PROVIDE NEW WINDOW CASING, SILLS, AND ARCHES TO CLOSELY MATCH HISTORIC PROFILES WHERE HISTORIC ELEMENTS ARE MISSING OR DAMAGED. FRAME AND PAINT WOOD TRIM. COLOR TO BE SELECTED BY ARCHITECT.
- PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED WHERE INDICATED ON PLANS. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (SEE ILLUSTRATED). CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS AND INSTALL IN MISSING PERIMETER EXTERIOR WALL LOCATIONS. CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD BASEBOARD TO MATCH HISTORIC BASEBOARD PROFILE AT PERIMETER EXTERIOR WALLS AND IN COMMON SPACES AT HISTORIC BASEBOARD LOCATIONS WHERE HISTORIC BASEBOARD IS MISSING OR DAMAGED. NEW BASEBOARD CAN NOT BE REINSTALLED. NEW BASEBOARD ON INTERIOR WALLS WILL NOT MATCH HISTORIC PROFILE. FRAME AND PAINT WOOD TRIM COLOR TO BE SELECTED BY ARCHITECT.

HISTORIC KEYED NOTES

- MARBLE WAINSCOT TO REMAIN.
- MARBLE WAINSCOT PANELS TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT / TRASH ROOM CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH EXISTING CONFIGURATION. EXCESS SALVAGED MARBLE TO BE APPLIED WHERE MISSING AT FOURTH WALL OF SECOND FLOOR LOBBY.
- MARBLE WINDOW SILL OR DOOR THRESHOLD TO REMAIN.
- MARBLE THRESHOLD TO BE REMOVED.
- PAINTED WOOD BASEBOARD TO BE REMOVED/SALVAGED WHERE INDICATED ON PLANS. BASEBOARD IS TYPICALLY PRESENT AT PERIMETER EXTERIOR WALLS AND WILL REMAIN AT PERIMETER EXTERIOR WALLS (SEE ILLUSTRATED). CONTRACTOR SHALL REPAIR HISTORIC BASEBOARD AT PERIMETER EXTERIOR WALLS AND INSTALL IN MISSING PERIMETER EXTERIOR WALL LOCATIONS. CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD BASEBOARD TO MATCH HISTORIC BASEBOARD PROFILE AT PERIMETER EXTERIOR WALLS AND IN COMMON SPACES AT REMAINING MISSING LOCATIONS. CONTRACTOR SHALL PROVIDE NEW PAINTED WOOD PICTURE RAIL TO MATCH HISTORIC PICTURE RAIL PROFILE AT PERIMETER EXTERIOR WALLS INSIDE OF DWELLING UNITS WHERE ANY HISTORIC PICTURE RAIL IS PRESENT TO COMPLETE THE EXTERIOR WALLS. DO NOT INSTALL NEW PICTURE RAIL INSIDE OF DWELLING UNITS WHERE NO HISTORIC PICTURE RAIL IS PRESENT.
- PAINTED WOOD PICTURE RAIL TO REMAIN WHERE STILL EXPOSED AFTER NEW WALL CONSTRUCTION WITHIN FLOOR 11.3 MERCANTILE LIBRARY STORAGE ROOM. SALVAGE WOOD PICTURE RAIL AT WALL LOCATIONS NOW COVERED BY NEW SHAFTH WALL CONSTRUCTION AND REINSTALL IF MISSING AT EXISTING EXPOSED WALLS WITHIN THE ROOM.
- PAINTED WOOD PICTURE RAIL TO BE REMOVED. SALVAGE. SEE HISTORIC KEYED NOTE.
- PAINTED WOOD CROWN MOULD TO BE REMOVED.
- PAINTED WOOD DOOR TRANSOM TO BE REMOVED.
- PAINTED WOOD DOOR CASING TO BE REMOVED.
- COVE CEILING REMNANT TO BE REMOVED.
- MAIL CHUTE AND MARBLE TO REMAIN.
- EXISTING CLAY TILE SHAFTH WALL, MARBLE WALL PANELS AND MARBLE SURROUND TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH CONFIGURATION.
- HISTORIC PLASTER CEILING ABOVE CONTEMPORARY SUSPENDED CEILING TO REMAIN INTACT WITH NO DAMAGE DURING CONSTRUCTION.
- HISTORIC METAL ELEVATOR DOORS, METAL PANEL ABOVE DOORS, AND METAL STOP INDICATOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CHUTE ELEVATOR SHAFTS AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENING/HISTORIC MARBLE SURROUND.
- HISTORIC METAL ELEVATOR DOORS AND METAL PANEL ABOVE DOOR TO BE REMOVED. HISTORIC METAL STOP INDICATOR TO BE CAREFULLY REMOVED AND SALVAGED FOR REINSTALLATION IN NEW METAL PANEL.
- HISTORIC STEEL ELEVATOR DOOR AND FRAME TO BE REMOVED.
- HISTORIC METAL ELEVATOR DOOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CHUTE ELEVATOR SHAFT AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENING AND HISTORIC METAL FRAME.
- HISTORIC ELEVATOR DOOR TO BE REMOVED TO ACCOMMODATE NEW FIRE-RATED ELEVATOR DOOR.
- HISTORIC ACCESS DOOR TO REMAIN. DOOR TO BE KEPT SHUT IN THE CLOSED POSITION.
- HISTORIC DOOR TO REMAIN IN PLACE.
- HISTORIC WOOD FINISHED FLOORING IS TO BE REMOVED AND SALVAGED FOR REINSTALLATION AFTER NEW FLOOR STRUCTURE INFILL.

NEW WORK GENERAL NOTES

- ALL LOAD BEARING STRUCTURAL ELEMENTS ARE TO REMAIN UNLESS WHERE EXISTING STRUCTURE IS NOTED TO BE REMOVED, OR MASONRY OPENINGS ARE CREATED OR MODIFIED, SHORE AND BRACE EXISTING BUILDING AS REQUIRED.
- EXCEPT WHERE NEW DROPPED CEILINGS ARE SHOWN, EXISTING PLASTER CEILINGS ARE TO REMAIN.
- EXISTING NON-HISTORIC STOREFRONT INFILL TO REMAIN THROUGHOUT FIRST FLOOR.
- NORTH ELEVATOR CABS AND MACHINERY TO REMAIN. PROTECT THROUGHOUT DEMOLITION AND CONSTRUCTION. SEE SHEET 11.3 FOR TYPICAL KITCHEN, BATHROOM, AND LAUNDRY ELEVATIONS.
- CEILING HEIGHTS INDICATED ARE TO UNDERSIDE OF EXISTING PLASTER FINISH.

NEW WORK KEYED NOTES

- EXISTING NON-FIRE RATED ELEVATOR DOOR TO REMAIN.
- VERIFY EXISTING 2-HOUR RATED WALLS AT BOTTOM OF EXISTING STAIR 'A'. THIS IS NOT AN EXIT EXISTING FROM STAIR IS ON 3RD FLOOR; THE RATING IS REQUIRED IN ORDER TO PROVIDE A CONTINUOUS FIRE-RATED STAIR ENCLOSURE.
- NEW STEEL 1 1/2" DIAMETER HORIZONTAL, PAINTED, AND MOUNTED 8" BEYOND SHAFTH WIZING AT MIN. 1 1/2" FROM WALL, WHERE CONDITIONS ALLOW. EXTEND 12" HORIZONTALLY AT TOP OF STAIR AND EXTEND DIAGONALLY (1) TREAD DEPTH AT BOTTOM, RETURN HORIZONTAL TO WALL AS SHOWN ON FLOOR PLAN (WHERE FLOOR PLAN CONFIGURATION ALLOWS), OTHERWISE RETURN TO CORNER. SEE EXISTING HANDRAILS 12" HORIZONTALLY AT TOP AND BOTTOM OF RAMP. RETURN TO WALL AS SHOWN ON FLOOR PLAN.
- PROVIDE NEW STEP AND LANDING AT STAIR 'B' TRANSITION. FRAME AS REQUIRED WITH FRT WOOD FRAMING. LANDING ELEVATION TO MATCH EXISTING DOOR THRESHOLD ELEVATION. STEP TO BE MIN. 4" MAX. 7" RISE.
- EXISTING EXPOSED STEEL COLUMN / BEAM TO REMAIN UNLESS PROVIDE 2-HR RATED INHIBITING COATING WITH THICKNESS AS REQUIRED FOR RATING. TYPICAL FOR ALL NEW OR EXISTING EXPOSED STEEL IN BUILDING. SEE DETAIL 6/A3.3.
- EXISTING ELEVATOR PLATFORM LEFT TO REMAIN.
- EXISTING FREIGHT ELEVATOR TO REMAIN AND BE USED AS PASSENGER ELEVATOR.
- NEW 2-HR FIRE RATED MECHANICAL SHAFT (BASEMENT TO ROOF) TO ROOFTOP MECHANICAL EQUIPMENT. FIRE RATED DAMPING ARE REQUIRED AT PENETRATIONS OF SHAFT WALLS. ALL PENETRATIONS TO BE IN ACCORDANCE WITH CBC SECTION 714. MEP'S DESIGN BUILD CONTRACTOR TO VERIFY MINIMUM SIZE.
- NEW CONCRETE SLAB. SEE STRUCTURAL DRAWINGS. EXTENT OF NEW CONCRETE IS UNKNOWN. CONTRACTOR TO COORDINATE.
- RESUPPORT EXISTING STAIR AS NECESSARY.
- 2-HOUR FIRE RATED INCLINED. ROLLING TRASH CHUTE DISCHARGE DOOR ABOVE. DOOR TO BE HELD OPEN BY RUBBLE LINK. COORDINATE PRODUCT SELECTION WITH OWNER.
- NEW CONCRETE STEPS - 7" RISE MAX. IF RISE MIN. AND 11" MIN. TREAD. FINAL LOCATION OF STEPS TO BE DETERMINED BASED ON NECESSARY EXTENTS OF NEW SLAB. MAINTAIN MINIMUM LANDING DIMENSION FROM DOOR.
- NEW TRASH COMPACTOR. BASED ON CHUTE AND RAMP MANUFACTURER'S REQUIREMENTS. CONTRACTOR TO COORDINATE WITH OWNER. CONTRACTOR TO VERIFY MIN. CLEARANCES AND PRODUCT REQUIREMENTS WITH MANUFACTURER'S INSTRUCTIONS. CONTRACTOR TO COORDINATE.
- NEW TRASH CHUTE (BASEMENT TO ROOF) TO BE PROVIDED TO MATCH EXISTING DOOR AND CHUTE DISCHARGE DOORS IN NEW 2-HOUR FIRE-RATED SHAFT. 30" DIAMETER, 16 GAUGE, AUTOMATED STEEL. BASED ON DESIGN - CHUTE SOURCE, LLC - GRAVITY 2 MIXED USE RUBBER CHUTE. COORDINATE PRODUCT SELECTION WITH OWNER. REFER TO SHEET A4.01.
- NEW ELEVATOR IN NEW 2-HOUR FIRE RATED CHUTE SHAFT. SEE STRUCTURAL DRAWINGS. NEW SHAFT SIZE AND DOOR LOCATION BASED ON CHUTE MANUFACTURER'S REQUIREMENTS. CONTRACTOR TO VERIFY ALL ELEVATOR REQUIREMENTS WITH ELEVATOR MANUFACTURER. PROVIDE ALL CODE REQ'D ELEMENTS, INCLUDING, BUT NOT LIMITED TO: SHIP RAMP PER LASTEST CODES, SWITCHES, LIGHT FIXTURES. COORDINATE WITH MEP DESIGN-BUILD TEAM (UNDER SEPARATE PERMIT). PROVIDE ADDITIONAL TUBE MEMBERS REQ'D BY KONE FOR ELEVATOR ASSEMBLY. ELEVATOR MUST ACCOMMODATE 5'6" AFFIDANCE SPECIFIER. AS REQ'D BY CBC 3002.4. NEW ELEVATOR DOOR IS TO BE CENTERED ON THE EXISTING ELEVATOR DOOR OPENING.
- CONTRACTOR TO COORDINATE EXACT LOCATION OF NEW SHAFT. SHAFT DEPTHS TO BE VERIFIED IN FIELD IN ORDER TO ALIGN THE NEW SHAFT WALL TO THE INNER FACE OF THE EXISTING BEAM/CLAY TILE WALL AS SHOWN. VERIFY MINIMUM CLEAR DIMENSIONS WITH ELEVATOR MANUFACTURER.
- NEW 2-HOUR FIRE RATED FLOOR INFILL. ALIGN NEW FLOOR STRUCTURE AND SUBLOOR W/ EXISTING ADJACENT SUBLOOR. SEE 2/A3.3 AND STRUCTURAL DRAWINGS.
- NEW 2-HR FIRE RATED ELEVATOR CONTROL ROOM IN ACCORDANCE WITH CBC SECTION 3005. CONTRACTOR TO COORDINATE ADDITIONAL REQUIREMENTS WITH ELEVATOR MANUFACTURER.
- RENTAL SUSPENDED SLATED CEILING TO MATCH EXISTING.

- 2-HOUR FIRE RATED ASSEMBLY ABOVE AT 3RD FLOOR TO SEPARATE TRASH CHUTE SHAFT FROM 3RD - ROOF MECHANICAL SHAFT. SEE 2/A3.3 AND STRUCTURAL DRAWINGS.
- EXISTING ROOFING TO REMAIN.
- MECHANICAL DUCT TO ROOFTOP EQUIPMENT. CONTRACTOR TO VERIFY SIZE OF SHAFT REQUIRED AND DUCT EXTENSION / TERMINATION REQUIREMENTS.
- CONTRACTOR TO PROVIDE SHAFT TERMINATION AT LINE OF ROOF AS REQUIRED.
- NEW NON-COMBUSTIBLE 2-HOUR RATED FLOOR CONSTRUCTION AT EXISTING ELEVATOR ROOM. 11.3 FLOOR INFILL IS THE FIRE RATED CAP OF THE NEW ELEVATOR SHAFT. CHUTE SHAFT WALLS TO TERMINATE AT THE UNDERSIDE OF THE NEW FLOOR STRUCTURE. REFER TO 2/A3.3 AND STRUCTURAL DRAWINGS.
- PROVIDE NEW STEP AND LANDING AT 10TH FLOOR STORAGE CLOSET. FRAME AS REQUIRED WITH FRT WOOD FRAMING. LANDING ELEVATION TO MATCH EXISTING DOOR THRESHOLD ELEVATION. STEPS TO BE MIN. 4" MAX. 7" RISE.
- CONTRACTOR TO DETERMINE LOCATION / SIZE / CONFIGURATION OF EXISTING OPENING EXTERIOR WALL. PROVIDE 2-HOUR FIRE RATED INFILL AT THIS OPENING OR OTHER EXTERIOR WALL OPENINGS UNCOVERED DURING SELECTIVE DEMOLITION.
- PROVIDE NEW SLOPE / RAMP AND LANDING AT STAIR 'B' TRANSITION. FRAME AS REQUIRED WITH FRT WOOD FRAMING. LANDING ELEVATION TO MATCH EXISTING DOOR THRESHOLD ELEVATION.
- NEW 2-HOUR FIRE RATED MECHANICAL SHAFT THROUGH TO ROOF (3RD FLOOR - ROOF) TO ROOFTOP MECHANICAL EQUIPMENT. FIRE RATED DAMPERS ARE REQUIRED AT PENETRATIONS OF SHAFT WALLS. ALL PENETRATIONS TO BE IN ACCORDANCE WITH CBC SECTION 714. MEP WORK IS DESIGN-BUILD. CONTRACTOR TO VERIFY MINIMUM SIZE.
- PROVIDE NEW GATE AT STAIR 'A' TO PREVENT EGRESS DOWN STAIR TO LEVEL 2. GATE STYLE AND FINISH TO BE SELECTED BY OWNER / ARCHITECT. CONTRACTOR TO SECURE GATE TO FLOOR SLAB (NOT INTO HISTORIC MARBLE).
- EXISTING FIRE ESCAPE ACCESS DOUBLE-HUNG WINDOW TO REMAIN. REPAIR WINDOW AS REQUIRED FOR SMOOTH AND FUNCTIONAL WINDOW OPERATION.
- EXISTING FIRE ESCAPE IS TO REMAIN. FIRE ESCAPE EVALUATION AND ASSOCIATED REPAIRS ARE TO BE UNDER A SEPARATE PERMIT.
33. TRASH CHUTE STEEL ANGLE FLOOR FRAME BY CHUTE MANUFACTURER. TYP AT EACH FLOOR. INSTALL TRASH CHUTE PER MANUFACTURER'S INSTRUCTIONS. CONTRACTOR TO COORDINATE.
- NEW STRUCTURAL CHANNELS FOR TRASH CHUTE FLOOR FRAME BEARING. MAINTAIN 31" CLEAR BETWEEN MEMBERS. VERIFY WITH CHUTE MANUFACTURER. CHANNELS ARE NOT REQUIRED TO BE FIRE-RATED. REFER TO SHEET A4.01 AND STRUCTURAL DRAWINGS.
- LOUVER PANEL AND LOUVER BOX FOR TRASH CHUTE HORIZONTAL VENTING TO EXTERIOR AT FLOOR 10. REFER TO DETAIL 1/A4.01. COORDINATE REQUIREMENTS WITH TRASH CHUTE MANUFACTURER.
- NEW 2 CUBIC YARD FRONT LOAD ROLLING TRASH CONTAINER. COORDINATE PRODUCT SELECTION WITH OWNER. CONTRACTOR TO VERIFY EXACT LOCATION.
- APPROXIMATE LOCATION OF EXISTING STANOPPE. CONTRACTOR TO VERIFY. SPRINKLER SYSTEM IS DESIGN-BUILD UNDER A SEPARATE PERMIT.
- NEW 2-HR FIRE RATED SHAFT WALL ASSEMBLY INSTALLED HORIZONTALLY BELOW EXISTING FIRE-RATED CEILING ASSEMBLY ABOVE. TYPICAL AT ALL LOWERED CORRIDOR CEILING/3RD FLOOR. REFER TO 2/A3.3.
- PLUMBING AND ELECTRICAL WORK FOR ISLAND TO BE LOCATED INSIDE CABINERY. CONTRACTOR TO COORDINATE WITH MILLWORK SUPPLIER.
- NOT USED.
- NEW STANOPPE. SPRINKLER SYSTEM IS DESIGN-BUILD AND WILL BE SUBMITTED UNDER A SEPARATE PERMIT. CONTRACTOR TO VERIFY EXACT LOCATION.
- APPROXIMATE LOCATION OF EXISTING STANOPPE. CONTRACTOR TO VERIFY. SPRINKLER SYSTEM IS DESIGN-BUILD UNDER A SEPARATE PERMIT.
- NEW 2-HR FIRE RATED SHAFT WALL ASSEMBLY INSTALLED HORIZONTALLY BELOW EXISTING FIRE-RATED CEILING ASSEMBLY ABOVE. TYPICAL AT ALL LOWERED CORRIDOR CEILING/3RD FLOOR. REFER TO 2/A3.3.
- SOFFIT ABOVE TO ALIGN WITH EDGE OF ISLAND COUNTER BELOW.
- TRASH DISCHARGE ROOM DOOR, CONTAINER, AND COMPACTOR TO BE CENTERED ON CHUTE ABOVE. CONTRACTOR TO VERIFY EXACT PLACEMENT IN THE FIELD AND VERIFY ALL PRODUCT REQUIREMENTS WITH MFR.
- NEW CONCRETE SLAB WITH SUPPORTING BENT PLATE. REFER TO STRUCTURAL. PROVIDE 3-HR INHIBITING COATING ON SUPPORTING STEEL BENT PLATE. SEE 6/A3.3 FOR REQUIRED THICKNESS OF COATING.

NEW WORK PLAN GRAPHIC LEGEND

NEW WORK PLAN GRAPHIC LEGEND

- KEYED NOTE
- WALL TAG. REFER TO WALL TYPE SHEET
- DOOR TAG. REFER TO DOOR SCHEDULE
- EXISTING FRAMED OR CLAY TILE WALL TO REMAIN. REFER TO WALL TAG
- NEW METAL FRAMED FURRING OR WALL. REFER TO WALL TAG
- EXISTING BRICK / STONE MASONRY WALL TO REMAIN. REFER TO WALL TAG
- NEW MASONRY WALL OR MASONRY INFILL (CMU OR BRICK. REFER TO WALL TAG)
- INDICATES FIRE RESISTANCE RATING WALL REQUIREMENT
- INDICATES WALL PROVIDING TWO-HOUR FIRE RESISTANCE RATING (FIRE BARRIER)
- EXISTING BEAM - SEE STRUCTURAL DRAWINGS
- EXISTING COLUMN CENTERLINE
- HATCH INDICATES AREA OF NEW LOWERED (D/C) CEMENT (ARROW). DASHED LINE INDICATES FACE OF SOFFIT (ARROW). HEIGHT INDICATED ON PLANS. SEE DETAIL 7/A3.3.
- HATCH INDICATES AREA OF NEW 2-HR RATED FLOOR INFILL. SEE 2/A3.3. REFER TO STRUCTURAL DRAWINGS.
- HATCH INDICATES AREA OF NEW CONCRETE SLAB (REFER TO STRUCTURAL DRAWINGS).
- EXISTING DOOR AND FRAME. REFER TO DOOR TAGS AND DOOR SCHEDULE
- NEW DOOR AND FRAME. REFER TO DOOR TAGS AND DOOR SCHEDULE
- EXISTING WINDOW UNIT
- INDICATES WATER CURTAIN INSTALLED AT THE INTERIOR SIDE OF WINDOWS ADJACENT TO THE FIRE ESCAPE PATH OR TRAVEL PER CONCERNED DEPARTMENT OF BUILDINGS AND INDICATES ACCEPTED ALTERNATIVE ENGINEERED DESIGN (CBC 106.3).
- EXISTION AND EMERGENCY (EGRESS) LIGHTING. TO BE CONNECTED TO THE BUILDING'S ELECTRIC SUPPLY AND W/ THERMIST BATTERY BACK-UP. IN ACCORDANCE WITH SECTION 103 AND 301.2.1.5. OR
- INDICATES SAFETY GLAZING REQUIRED. PROVIDE SAFETY GLAZING AT WINDOWS IN 1/2" HORIZONTAL OF DOORS, AND ADJACENT TO STAIRS, LANDINGS, AND FIRE ESCAPE LANDINGS.

CABINERY PLAN LEGEND

LETTERS INDICATES CABINET TYPE. TYP. NUMBERS INDICATES CABINET WIDTH IN INCHES. TYP. GENERAL CONTRACTOR TO FIELD VERIFY PRIOR TO ORDERING CABINETS.

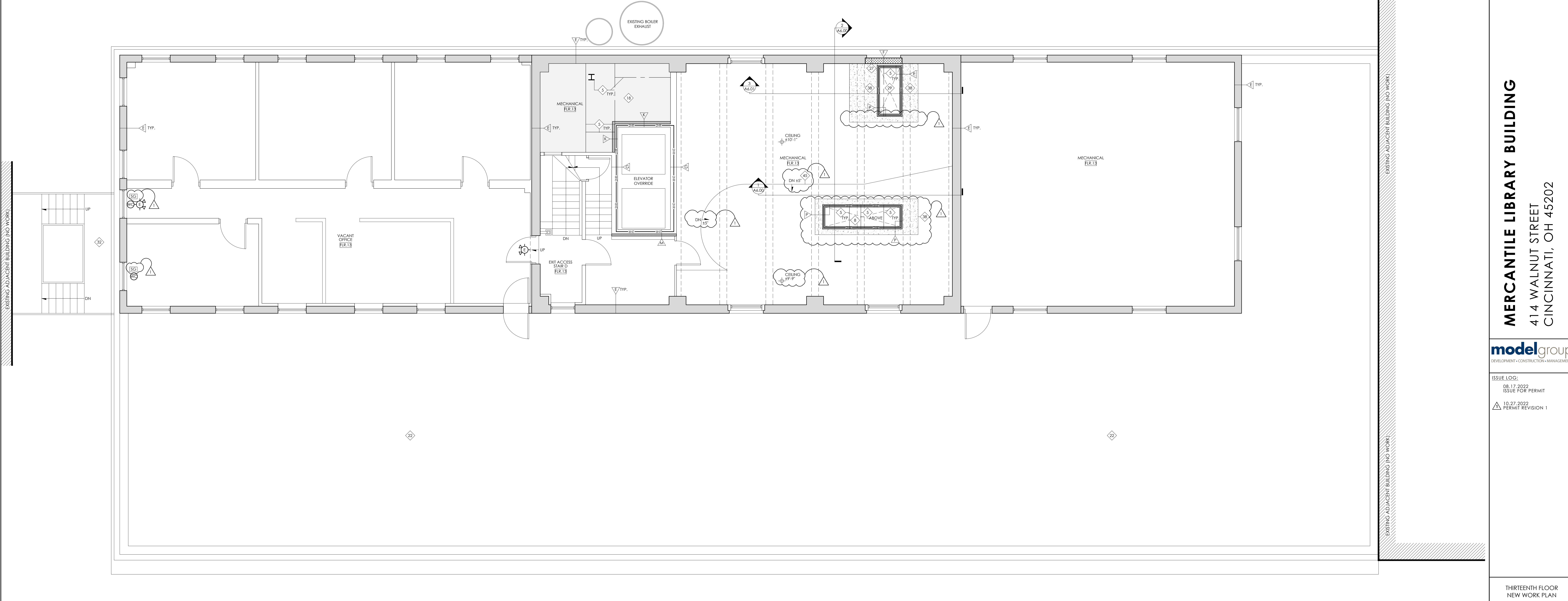
| | | | |
|----|---------------------|------|---|
| B | BASE CABINET | W | WALL CABINET |
| BB | BUND BASE CABINET | BW | BUND WALL CABINET |
| CB | CORNER BASE CABINET | | |
| DB | DRAWER BASE CABINET | BADA | WALL HUNG ADA |
| SB | SINK BASE CABINET | VADA | COORDINATE BASE (B) OR VANITY (V) CABINET WITH FRONT APPROACH CLEARANCE |
| VB | VANITY BASE | | |
| T | TALL CABINET | | |

NOTE: PROVIDE SOLID WOOD BLOCKING IN NEW AND EXISTING WALLS AS REQUIRED TO SECURELY ANCHOR NEW CABINETS.

PRELIMINARY
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THIRTEENTH FLOOR NEW WORK PLAN
A3.13 1/4" = 1'-0"

MERCANTILE LIBRARY BUILDING
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THIRTEENTH FLOOR
NEW WORK PLAN

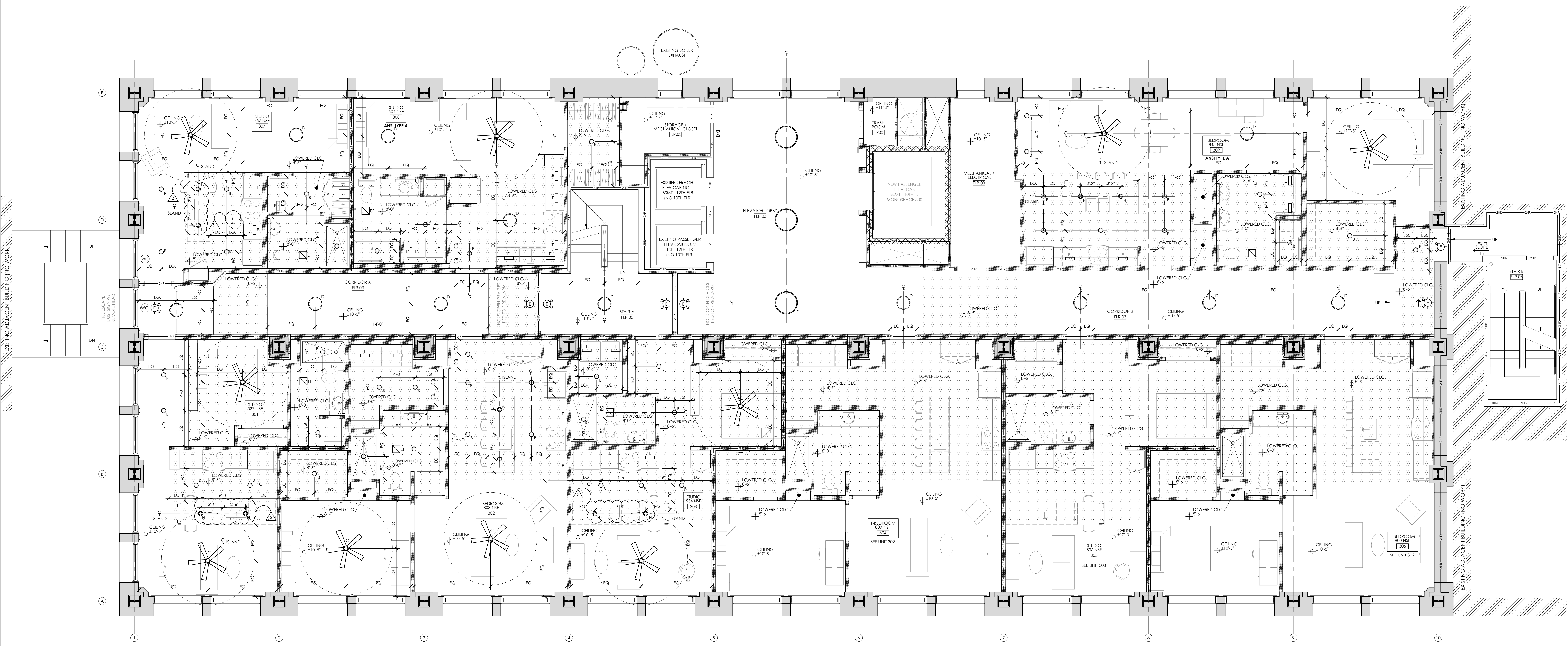
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GENERAL REFLECTED CEILING PLAN NOTES

1. REFLECTED CEILING PLANS INDICATE LOCATIONS OF LIGHT FIXTURE TYPES IN TYPICAL RESIDENTIAL UNITS AND TYPICAL CORRIDORS ONLY. ALL LIGHT FIXTURE SELECTIONS, FINAL LOCATIONS, AND SWITCHING TO BE BY OWNER AND COORDINATED WITH CONTRACTOR. PHOTOMETRIC CALCULATION TO BE COMPLETED FOR PROPER LIGHT LEVELS.
2. CONTRACTOR RESPONSIBLE FOR DETERMINING LIGHTING REQUIREMENTS IN ALL OTHER LOCATIONS.
3. MEP + FP IS DESIGN-BUILD AND TO BE COORDINATED BY CONTRACTOR.
4. ALL DUCTWORK IS TO BE CONCEALED.
5. NOTIFY ARCHITECT IF LOWERED CEILING HEIGHTS AND LOCATIONS NEED TO BE CHANGED DUE TO MEP AND FP.

REFLECTED CEILING PLAN GRAPHIC KEY

- DROPPED CEILING HEIGHT A.F.F. AS NOTED. ALWAYS USE MIN. FRAMING SIZES TO MAXIMIZE CEILING HEIGHT. REFER TO ADDITIONAL NOTES REGARDING CEILING TYPES ON NEW WORK PLANS.
- EXIT SIGN AND EMERGENCY EGRESS LIGHTING - TO BE CONNECTED TO THE BUILDING'S ELECTRIC SUPPLY AND W/ EMERGENCY BATTERY BACK-UP. IN ACCORDANCE WITH SECTION 1008, 1013 AND 3412.6.15, OBC. SEE NEW WORK PLANS FOR LOCATIONS AT EACH FLOOR.
- EMERGENCY EGRESS LIGHTING - TO BE CONNECTED TO THE BUILDING'S ELECTRIC SUPPLY AND W/ EMERGENCY BATTERY BACK-UP. IN ACCORDANCE WITH SECTION 1013 AND 3412.6.15, OBC.
- A WALL MOUNT BATH VANITY SCONCE LIGHT
- B SURFACE MOUNT CEILING LIGHT
- C CEILING FAN WITH LIGHT AND DOWNROD, WALL-MOUNTED CONTROLS
- D FLUSH MOUNT CEILING LIGHT
- E UNDER CABINET LIGHT
- F EXHAUST FAN
- G DECORATIVE LIGHT
- H PENDANT LIGHT
- INDICATES WATER CURTAIN INSTALLED AT THE INTERIOR SIDE OF WINDOWS ADJACENT TO THE FIRE ESCAPE PATH OF TRAVEL PER CINCINNATI DEPARTMENT OF BUILDINGS AND REFECTIONS ACCEPTED ALTERNATIVE ENGINEERING DESIGN (OBC 106.3). SEE NEW WORK PLANS FOR LOCATIONS AT EACH FLOOR.
- I PENDANT LIGHT



1 THIRD FLOOR REFLECTED CEILING PLAN
 A4.03 1/4" = 1'-0"

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 08.17.2022 ISSUE FOR PERMIT
 10.27.2022 PERMIT REVISION 1
 12.27.2022 BULLETIN 1


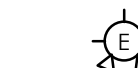
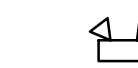




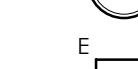


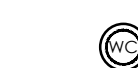


THIRD FLOOR
 REFLECTED CEILING PLAN

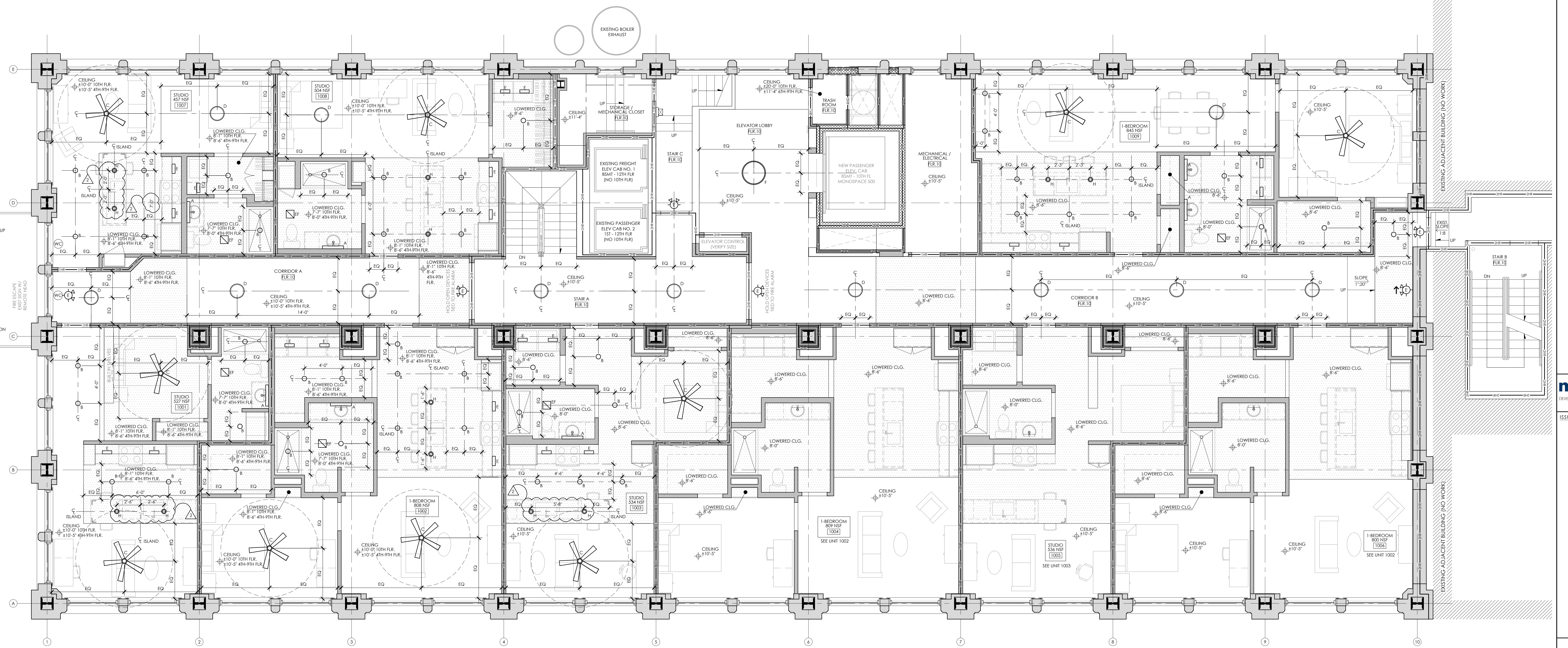
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GENERAL REFLECTED CEILING PLAN NOTES

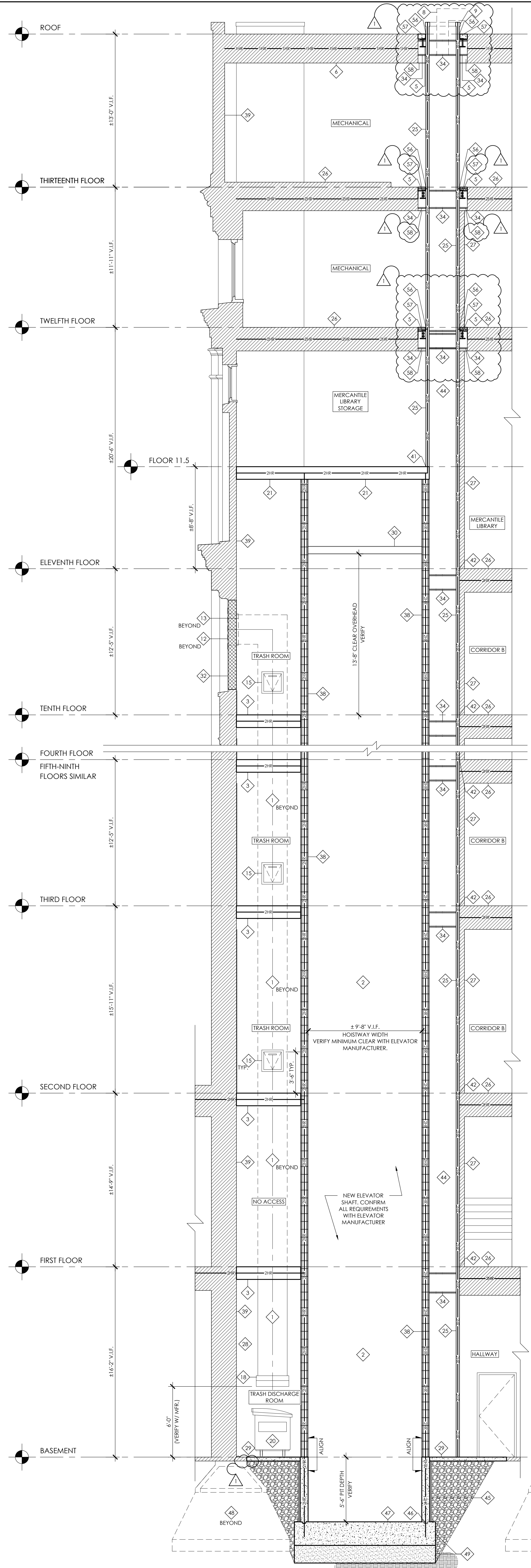
1. REFLECTED CEILING PLANS INDICATE LOCATIONS OF LIGHT FIXTURE TYPES IN TYPICAL RESIDENTIAL UNITS AND TYPICAL CORRIDORS ONLY. ALL LIGHT FIXTURE SELECTIONS, FINAL LOCATIONS, AND SWITCHING TO BE BY OWNER AND COORDINATED WITH CONTRACTOR. PHOTOMETRIC CALCULATION TO BE COMPLETED FOR PROPER LIGHT LEVELS.
2. CONTRACTOR RESPONSIBLE FOR DETERMINING LIGHTING REQUIREMENTS IN ALL OTHER LOCATIONS.
3. MEP + FP IS DESIGN-BUILD AND TO BE COORDINATED BY CONTRACTOR.
4. ALL DUCTWORK IS TO BE CONCEALED.
5. NOTIFY ARCHITECT IF LOWERED CEILING HEIGHTS AND LOCATIONS NEED TO BE CHANGED DUE TO MEP AND FP.

REFLECTED CEILING PLAN GRAPHIC KEY

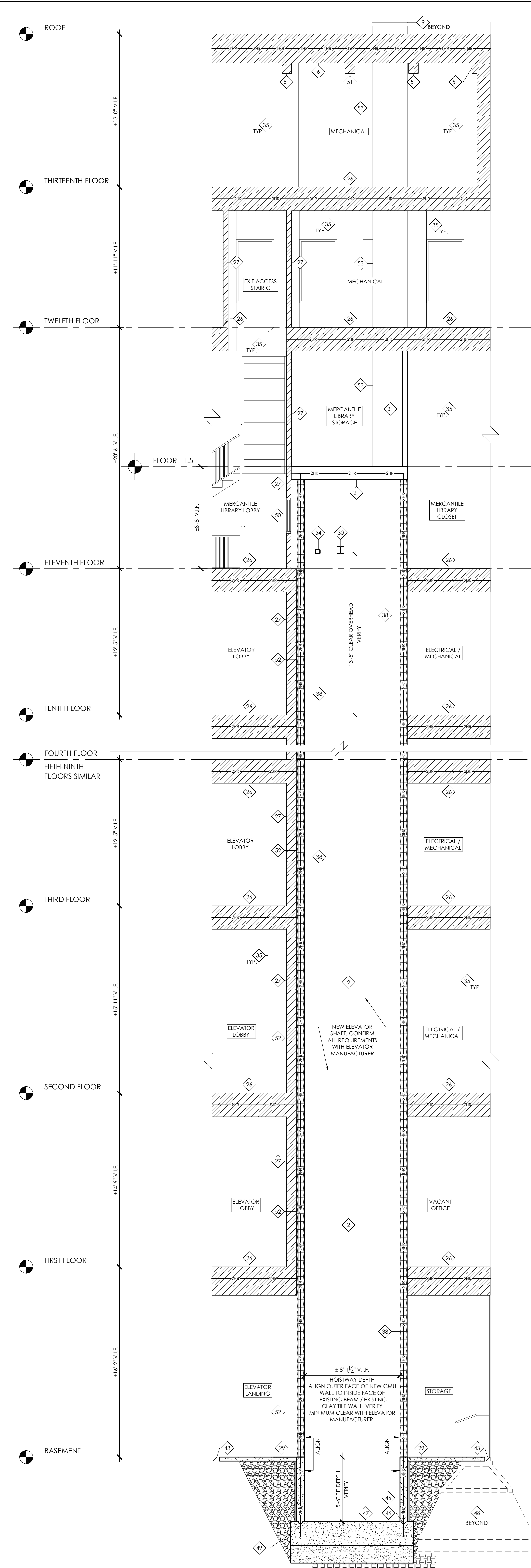
-  DROPPED CEILING HEIGHT A.F.F. AS NOTED. ALWAYS USE MIN. FRAMING SIZES TO MAXIMIZE CEILING HEIGHT. REFER TO ADDITIONAL NOTES REGARDING CEILING TYPES ON NEW WORK PLANS.
-  EXIT SIGN AND EMERGENCY EGRESS LIGHTING - TO BE CONNECTED TO THE BUILDING'S ELECTRIC SUPPLY AND W/ EMERGENCY BATTERY BACK-UP. IN ACCORDANCE WITH SECTION 1006, 1013 AND 3412.6.15, OBC. SEE NEW WORK PLANS FOR LOCATIONS AT EACH FLOOR.
-  EMERGENCY EGRESS LIGHTING - TO BE CONNECTED TO THE BUILDING'S ELECTRIC SUPPLY AND W/ EMERGENCY BATTERY BACK-UP. IN ACCORDANCE WITH SECTION 1013 AND 3412.6.15, OBC.
-  A WALL MOUNT BATH VANITY SCONCE LIGHT
-  B SURFACE MOUNT CEILING LIGHT
-  C CEILING FAN WITH LIGHT AND DOWNROD, WALL-MOUNTED CONTROLS
-  D FLUSH MOUNT CEILING LIGHT
-  E UNDER CABINET LIGHT
-  F EXHAUST FAN
-  G DECORATIVE LIGHT
-  H PENDANT LIGHT
-  INDICATES WATER CURTAIN INSTALLED AT THE INTERIOR SIDE OF WINDOWS ADJACENT TO THE FIRE ESCAPE PATH OF TRAVEL PER CINCINNATI DEPARTMENT OF BUILDINGS AND REFLECTIONS ACCEPTED ALTERNATIVE ENGINEERING DESIGN (OBC 196.3). SEE NEW WORK PLANS FOR LOCATIONS AT EACH FLOOR.
-  H PENDANT LIGHT



TENTH FLOOR REFLECTED CEILING PLAN (FOURTH THROUGH NINTH FLOORS SIMILAR)
 1/4" = 1'-0"



2 ELEVATOR AND MECHANICAL SHAFT SECTION DIAGRAM
 1/4" = 1'-0"



1 ELEVATOR SHAFT SECTION DIAGRAM
 1/4" = 1'-0"

ELEVATOR AND TRASH CHUTE SECTION DIAGRAMS AND ENLARGED PLAN GENERAL NOTES

- ENLARGED PLAN IS TYPICAL - CONDITIONS AT EACH FLOOR VARY. ENLARGED PLAN IS SUPPLEMENTAL TO WHAT IS SHOWN ON NEW WORK PLANS.
- REFER TO STRUCTURAL DRAWINGS.
- TRASH CHUTE BASIS OF DESIGN - CHUTE SOURCE, LLC - GRAVITY 2 MIXED USE RUBBER CHUTE. TRASH CHUTE COMPONENTS AND REQUIREMENTS ARE TO BE COORDINATED WITH THE MANUFACTURER. CONTRACTOR TO VERIFY PRODUCT SELECTION WITH OWNER.
- ELEVATOR BASIS OF DESIGN - KONE MINNESAPACE S00. 400A. 300 PPM ELEVATOR. ELEVATOR COMPONENTS AND REQUIREMENTS ARE TO BE COORDINATED WITH THE MANUFACTURER. CONTRACTOR TO VERIFY PRODUCT SELECTION WITH OWNER.
- SHAFT WALL STIFFNESS AND GAUGE IS TO BE DETERMINED BY MFR. STUDY TABLE. CONTRACTOR TO VERIFY UNBRACED HEIGHT IN FIELD PRIOR TO INSTALLATION. CHANGES IN STUDY SIZES FROM FLOOR TO FLOOR TO TRANSITION, IF NECESSARY, PER MFR. RECOMMENDATIONS.
- MEP - FF ARE DESIGN-BUILD. CONTRACTOR TO COORDINATE.
- AUTOMATIC SPRINKLER SYSTEM REQUIREMENTS PROVIDED FOR REFERENCE ONLY. SPRINKLER CONTRACTOR TO VERIFY CMC AND NFPA REQUIREMENTS.

ELEVATOR AND TRASH CHUTE SECTION DIAGRAMS AND ENLARGED PLAN KEYED NOTES

- NEW TRASH CHUTE (BASEMENT -10TH FLOOR) IN NEW 2-HOUR FIRE-RATED SHAF. 30" DIAMETER, 14 GAUGE, ALUMINIZED STEEL BASIS OF DESIGN - CHUTE SOURCE, LLC - GRAVITY 2 MIXED USE RUBBER CHUTE. COORDINATE PRODUCT SELECTION WITH OWNER.
- NEW ELEVATOR IN NEW 2-HOUR FIRE-RATED CMU SHAFT. SEE NEW WORK PLAN AND STRUCTURAL DRAWINGS.
- NEW 2-HOUR FIRE-RATED FLOOR INFILL IN TRASH ROOM. SEE 2/A0.3, NEW WORK PLANS, AND STRUCTURAL DRAWINGS.
- NEW 2-HOUR FIRE-RATED MECHANICAL SHAFT THROUGH TO ROOF (3RD FLOOR - ROOFTOP TO ROOFTOP MECHANICAL EQUIPMENT). FIRE-RATED DAMPERS ARE REQUIRED AT PENETRATIONS OF SHAFT WALLS. MEP WORK IS DESIGN-BUILD. CONTRACTOR TO VERIFY MINIMUM SIZE.
- NEW STEEL BEAM. REFER TO STRUCTURAL DRAWINGS. PROVIDE 2-HR RATED INTUMESCENT COATING WITH THICKNESS AS REQUIRED FOR RATING - TYPICAL FOR ALL EXPOSED STEEL IN BUILDING. SEE 6/A0.3.
- EXISTING ROOF STRUCTURE TO REMAIN.
- 2-HOUR FIRE-RATED FLOOR ASSEMBLY AT 3RD FLOOR TO SEPARATE TRASH CHUTE SHAFT FROM 3RD - ROOF MECHANICAL SHAFT. SEE 2/A0.3 AND STRUCTURAL DRAWINGS.
- MECHANICAL DUCT TO ROOFTOP EQUIPMENT. CONTRACTOR TO VERIFY SIZE OF SHAFT REQUIRED AND DUCT EXTENSION / TERMINATION REQUIREMENTS.
- CONTRACTOR TO PROVIDE SHAFT TERMINATION AT LINE OF ROOF AS REQUIRED.
- NEW TRASH CHUTE STEEL ANGLE FLOOR FRAME BY CHUTE MANUFACTURER. TYP. AT EACH FLOOR. INSTALL TRASH CHUTE PER MANUFACTURER'S INSTRUCTIONS. CONTRACTOR TO COORDINATE.
- NEW STRUCTURAL CHANNELS FOR TRASH CHUTE FLOOR FRAME BEARING. MAINTAIN 3" CLEAR BETWEEN MEMBERS - VERIFY WITH CHUTE MANUFACTURER. CHANNELS ARE NOT REQUIRED TO BE FIRE-RATED. REFER TO STRUCTURAL.
- NEW 30" X 36" LOUVER PANEL FOR TRASH CHUTE HORIZONTAL VENTING TO EXTERIOR BY CHUTE MANUFACTURER. CONTRACTOR TO COORDINATE AND VERIFY SIZE REQUIRED. LOUVER PANEL TO FIT WITHIN EXISTING RECESSED MASONRY AT EXISTING FACADE. CONTACT ARCHITECT IF ALIGNMENT OF CHUTE IN CONFLICT WITH PROMINENT MASONRY ELEMENTS.
- NEW 30" X 36" LOUVER FOR TRASH CHUTE HORIZONTAL VENTING TO EXTERIOR BY CHUTE MANUFACTURER. DEPTH OF LOUVER BOX IS TO BE 2" MORE THAN WALL THICKNESS. CONTRACTOR TO COORDINATE AND VERIFY SIZE REQUIRED.
- NEW DOOR OPERER PUSH PLATE WITH INTERNATIONAL SYMBOL OF ACCESSIBILITY. CONTROLS TO COMPLY WITH ICC A117.1 SECTION 308. REFER TO DOOR TYPE 11 ON A4 FOR PLACEMENT DETAILS. CENTER 30" X 48" CLEAR FLOOR SPACE FOR FORWARD APPROACH OR PUSH BUTTON. DOOR SWING IS TO NOT ENDOACH INTO CLEAR FLOOR SPACE.
- NEW 90-MINUTE FIRE-RATED, SELF-CLOSING CHUTE INTAKE DOORS BY TRASH CHUTE MANUFACTURER. CONTRACTOR TO COORDINATE.
- NEW FLOODING SPRAY HEAD LOCATED ABOVE THE TOP INTAKE DOOR BY CHUTE MANUFACTURER. MEP AND FP IS DESIGN-BUILD. CONTRACTOR TO COORDINATE AND VERIFY ALL CMC AND NFPA REQUIREMENTS.
- NEW FUSIBLE LINKED AUTOMATIC SPRINKLER HEADS TO BE INSTALLED AT FLOORS 2, 4, 6, 8, AND 10. CHUTE SPRINKLERS ARE TO BE ACCESSIBLE FOR SERVICING. MEP AND FP IS DESIGN-BUILD. CONTRACTOR TO COORDINATE AND VERIFY ALL CMC AND NFPA REQUIREMENTS.
- NEW 2-HOUR FIRE-RATED INCLINED, ROLLING TRASH CHUTE DISCHARGE DOOR BY CHUTE MANUFACTURER. DOOR TO BE HELD OPEN BY FUSIBLE LINK. COORDINATE PRODUCT SELECTION WITH OWNER.
- NEW TRASH COMPACTOR. BASIS OF DESIGN: APOLLO A400 APPOINTMENT COMPACTOR. COORDINATE PRODUCT SELECTION WITH OWNER.
- NEW 2 CUBIC YARD FRONT LOAD ROLLING TRASH CONTAINER. COORDINATE PRODUCT SELECTION WITH OWNER.
- NEW NON-COMBUSTIBLE 2-HOUR RATED FLOOR CONSTRUCTION AT EXISTING ELEVATOR OF ROOM. FLOOR IS 1.5" SLAB IS 2-HR FIRE RATED TOP OF NEW ELEVATOR SHAFT. CMU SHAFT WALLS TO TERMINATE AT THE UNDERSIDE OF THE NEW FLOOR STRUCTURE. REFER TO 2/A0.3 AND STRUCTURAL DRAWINGS.
- NEW FIRE-RATED, SELF-CLOSING TRASH ROOM DOOR WITH OCCUPANCY SENSOR. SEE DOOR SCHEDULE ON SHEET A0.4.
- TRASH ROOM DOOR AND TRASH CHUTE INTAKE DOOR TO BE CENTERED ON TRASH CHUTE.
- NEW FIRE-RATED STUD WALL. SEE WALL TYPES ON NEW WORK PLANS. FIRE RATING REQUIREMENTS VARY PER FLOOR.
- NEW 2-HOUR FIRE-RATED SHAFT WALL. SEE WALL TYPES ON NEW WORK PLANS. SHAFT WALL STUD DEPTH AND GAUGE IS TO BE DETERMINED BY MFR'S STUDY TABLE. CONTRACTOR TO VERIFY UNBRACED HEIGHT IN FIELD PRIOR TO INSTALLATION. CHANGES IN STUD SIZE FROM FLOOR TO FLOOR, IF NECESSARY, TO TRANSITION PER MFR. RECOMMENDATIONS.
- EXISTING 2-HR RATED FLOOR / CEILING ASSEMBLY TO REMAIN. REFER TO NEW WORK PLANS.
- EXISTING CLAY TILE WALL CONSTRUCTION TO REMAIN. REFER TO NEW WORK PLANS.
- BASEMENT TRASH DISCHARGE ROOM TO BE EQUIPPED WITH AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH CMC SECTION R01.11.2. MEP AND FP IS DESIGN-BUILD. CONTRACTOR TO COORDINATE AND VERIFY ALL CMC AND NFPA REQUIREMENTS.
- NEW CONCRETE SLAB. SEE STRUCTURAL DRAWINGS. EXTENT OF NEW CONCRETE IS UNKNOWN. CONTRACTOR TO COORDINATE.
- ELEVATOR HOST BEAM. REFER TO STRUCTURAL. CONFIRM REQUIREMENTS WITH ELEVATOR MANUFACTURER.
- NEW NON-RATED STUD WALL. REFER TO WALL TAGS ON NEW WORK PLAN.
- BRICK INFILL AT EXISTING WINDOW OPENING. SEE NEW WORK PLANS.
- NEW 90-MINUTE FIRE-RATED, SELF-CLOSING DISCHARGE ROOM DOOR. REFER TO DOOR TAGS ON NEW WORK PLAN AND DOOR SCHEDULE ON SHEET A0.4.
- EXISTING EXPOSED STEEL BEAM TO REMAIN. PROVIDE 2-HR RATED INTUMESCENT COATING WITH THICKNESS AS REQUIRED FOR RATING - TYPICAL FOR ALL EXPOSED STEEL IN BUILDING. SEE 6/A0.3.
- LINE OF EXISTING PLASTER / COLUMN BEYOND. TYP.
- NEW CONCRETE STEPS - 7" RISE MAX., 4" RISE MIN. AND 1" MIN. TREAD. FINAL LOCATION OF STEPS TO BE DETERMINED BASED ON NECESSARY EXTENT OF NEW SLAB. MAINTAIN MINIMUM LANDING DIMENSIONS FROM DOOR. REFER TO NEW WORK PLANS.
- PAINTED METAL HANDRAIL, 8" 3/4" I.D. SEE NEW WORK PLANS FOR ADDITIONAL NOTES.
- NEW ELEVATOR SHAFT WALL. SEE NEW WORK PLANS AND STRUCTURAL DRAWINGS.
- EXISTING MASONRY WALL TO REMAIN. U.O.N. REFER TO NEW WORK PLANS.
- REINSTALLED HISTORIC ELEVATOR DOOR, METAL PANEL, AND METAL STOP INDICATOR. REFER TO HISTORIC KEYNOTE ON NEW WORK PLANS.
- SHAFT WALL ASSEMBLY TO PASS BY FACE OF NEW 2-HOUR FIRE-RATED FLOOR INFILL ASSEMBLY. SECURE SHAFT WALL TO FLOOR STRUCTURE AT EACH LEVEL. REFER TO 1/A0.3 AND STRUCTURAL DRAWINGS.
- SHAFT WALL ASSEMBLY TO PASS BY FACE OF EXISTING 2-HOUR FIRE-RATED FLOOR ASSEMBLY. SECURE SHAFT WALL TO FLOOR STRUCTURE AT EACH LEVEL. REFER TO 9/A0.3 AND STRUCTURAL DRAWINGS.
- EXISTING CONCRETE SLAB ON GRADE TO REMAIN. VERIFY IN FIELD.
- NEW 2-HR FIRE-RATED MECHANICAL SHAFT (BASEMENT TO ROOFTOP) TO ROOFTOP MECHANICAL EQUIPMENT. FIRE-RATED DAMPERS ARE REQUIRED AT PENETRATIONS OF SHAFT WALLS. MEP IS DESIGN-BUILD. CONTRACTOR TO VERIFY MINIMUM SIZE.
- PROVIDE SHEET BENTONITE WATERPROOFING W/ PROTECTION BOARD. TYP.
- PROVIDE WATER STOP AT PERIMETER OF PIT. TYPICAL.
- PROVIDE SUMP AT BOTTOM OF ELEVATOR PIT. COORDINATE SUMP W/ ELEVATOR MANUFACTURER REGS AND FOOT REINFORCING BARS.
- EXISTING FOUNDATION SYSTEM TO BE VERIFIED IN FIELD. REFER TO STRUCTURAL DRAWINGS.
- NEW CONCRETE FOUNDATION. REFER TO STRUCTURAL DRAWINGS.
- EXISTING HISTORIC ACCESS DOOR TO REMAIN. REFER TO HISTORIC KEYNOTE ON NEW WORK PLANS FOR ADDITIONAL INFORMATION.
- EXISTING BEAM TO REMAIN.
- NEW ELEVATOR DOOR BEYOND. HEIGHT OF DOOR TO MATCH EXISTING ELEVATOR DOOR HEIGHT. CONTRACTOR TO COORDINATE WITH ELEVATOR MANUFACTURER. REFER TO 1/A0.3 AND STRUCTURAL DRAWINGS.
- NEW CONTINUOUS MECHANICAL SHAFT BEYOND. SEE NEW WORK PLANS AND STRUCTURAL DRAWINGS.
- NEW TIE OFF BEAM. REFER TO STRUCTURAL DRAWINGS. CONFIRM CLEAR DIMENSIONS WITH ELEVATOR MANUFACTURER.
- NEW 2-HOUR FIRE-RATED CONCRETE SLAB ON METAL DECK FLOOR INFILL. ALIGN NEW FLOOR W/ EXISTING ADJACENT SUBFLOOR. SEE 2/A0.3 AND STRUCTURAL DRAWINGS.
- SHAFT WALL ASSEMBLY TO PASS BY FACE OF NEW 2-HOUR FIRE-RATED CONCRETE FLOOR INFILL ASSEMBLY. SECURE SHAFT WALL TO FLOOR STRUCTURE AT EACH LEVEL. REFER TO STRUCTURAL DRAWINGS.
- NEW CONCRETE SLAB INFILL WITH SUPPORTING BENT PLATE. REFER TO STRUCTURAL. PROVIDE 2-HR INTUMESCENT COATING ON SUPPORTING STEEL BENT PLATE. SEE 6/A0.3 FOR REQUIRED THICKNESS OF COATING.
- PROVIDE 1/2" GYP BOARD WITH FIBER BLOCKING AS REQUIRED AT INFILL TO CREATE A SMOOTH FINISH ALIGNED TO ADJACENT EXISTING PLASTER CEILING.

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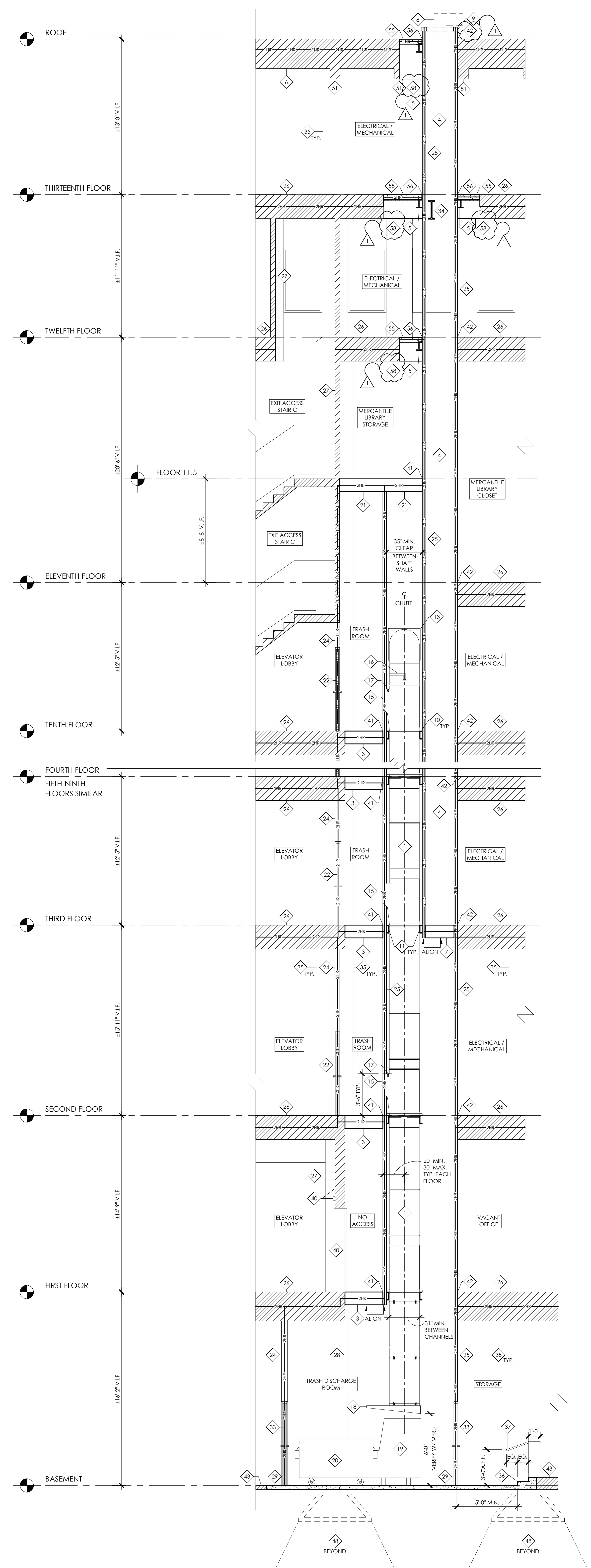
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ELEVATOR SECTION
 DIAGRAMS

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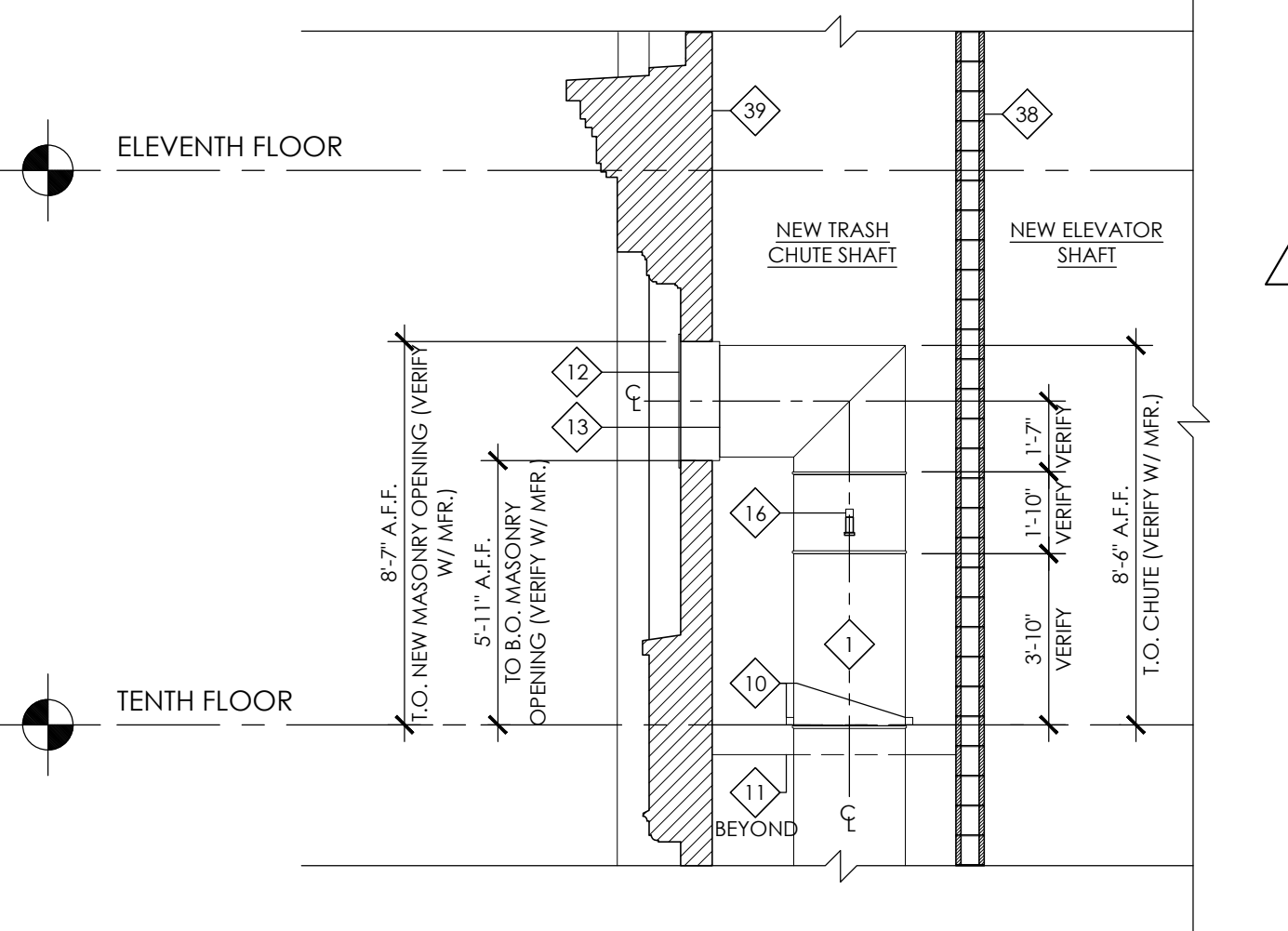
3 TRASH CHUTE AND MECHANICAL SHAFT SECTION DIAGRAM
1/4" = 1'-0"

ELEVATOR AND TRASH CHUTE SECTION DIAGRAMS AND ENLARGED PLAN GENERAL NOTES

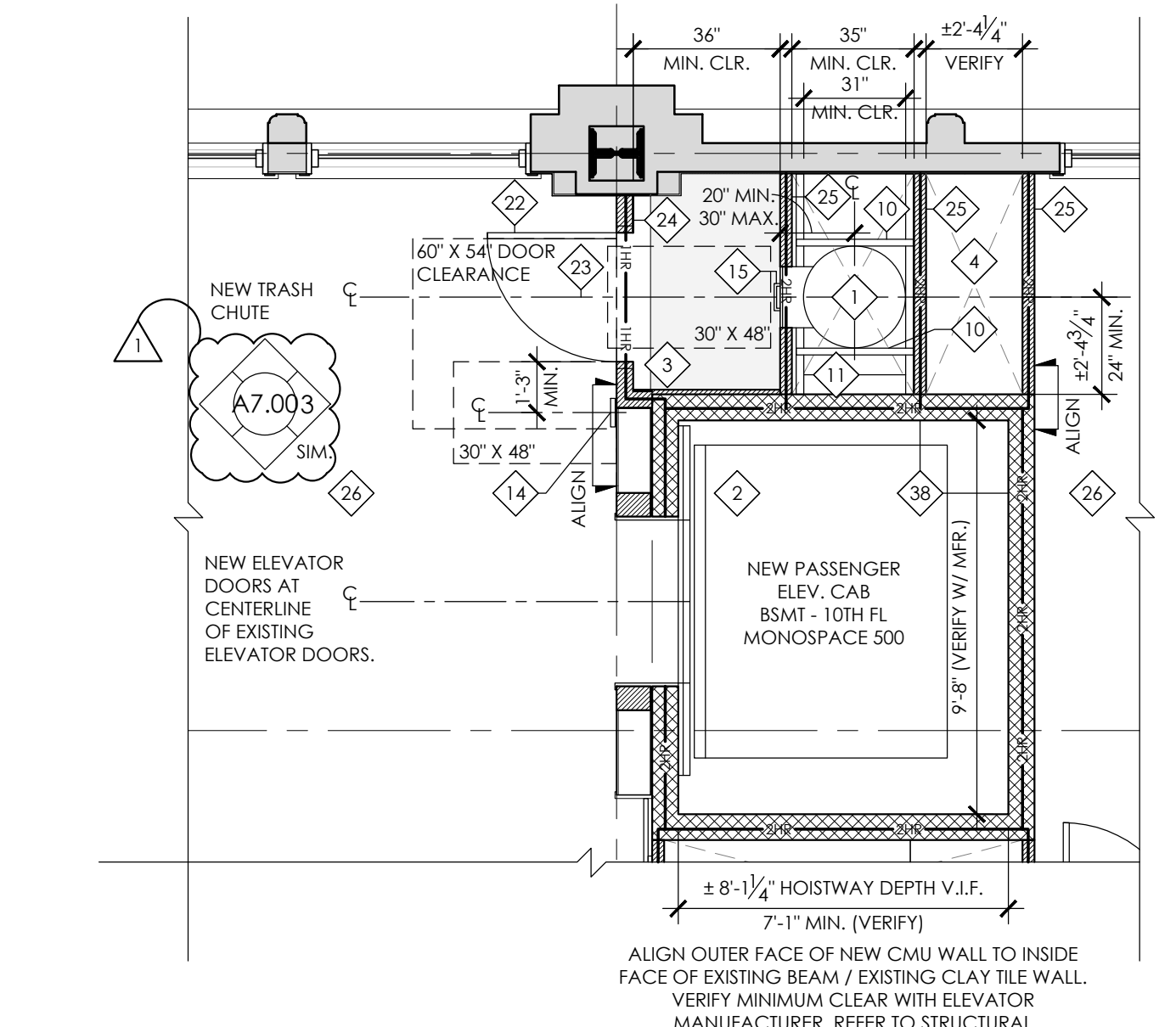
- ENLARGED PLAN IS TYPICAL - CONDITIONS AT EACH FLOOR VARY. ENLARGED PLAN IS SUPPLEMENTAL TO WHAT IS SHOWN ON NEW WORK PLANS.
- REFER TO STRUCTURAL DRAWINGS.
- TRASH CHUTE BASIS OF DESIGN - CHUTE SOURCE, LLC - GRAVITY 2 MIXED USE RUBBISH CHUTE. TRASH CHUTE COMPONENTS AND REQUIREMENTS ARE TO BE COORDINATED WITH THE MANUFACTURER. CONTRACTOR TO VERIFY PRODUCT SELECTION WITH OWNER.
- ELEVATOR BASIS OF DESIGN - KONE MINORSPACE 800, 400A, 350 FPM ELEVATOR COMPONENTS AND REQUIREMENTS ARE TO BE COORDINATED WITH THE MANUFACTURER. CONTRACTOR TO VERIFY PRODUCT SELECTION WITH OWNER.
- SHAFT WALL STUD DEPTH AND GAUGE IS TO BE DETERMINED BY MFR. STUD TABLE. CONTRACTOR TO VERIFY UNBRACED HEIGHT IN FIELD PRIOR TO INSTALLATION. CHANGES IN STUD SIZES FROM FLOOR TO FLOOR TO TRANSITION, IF NECESSARY, PER MFR. RECOMMENDATIONS.
- MEP - FF ARE DESIGN-BUILD. CONTRACTOR TO COORDINATE.
- AUTOMATIC SPRINKLER SYSTEM REQUIREMENTS PROVIDED FOR REFERENCE ONLY. SPRINKLER CONTRACTOR TO VERIFY CBC AND NFPA REQUIREMENTS.

ELEVATOR AND TRASH CHUTE SECTION DIAGRAMS AND ENLARGED PLAN KEYED NOTES

- NEW TRASH CHUTE (BASEMENT -10TH FLOOR) IN NEW 2-HOUR FIRE-RATED SHAFT, 30" DIAMETER, 14-GAUGE, ALUMINIZED STEEL. BASIS OF DESIGN - CHUTE SOURCE, LLC - GRAVITY 2 MIXED USE RUBBISH CHUTE. COORDINATE PRODUCT SELECTION WITH OWNER.
- NEW ELEVATOR IN NEW 2-HOUR FIRE-RATED CMU SHAFT. SEE NEW WORK PLANS AND STRUCTURAL DRAWINGS.
- NEW 2-HOUR FIRE-RATED FLOOR IN TRASH ROOM. SEE 2/A0.3, NEW WORK PLANS, AND STRUCTURAL DRAWINGS.
- NEW 2-HOUR FIRE-RATED MECHANICAL SHAFT THROUGH TO ROOF (3RD FLOOR - ROOF) TO ROOF/ROOF MECHANICAL EQUIPMENT. FIRE-RATED DAMPERS ARE REQUIRED AT PENETRATIONS OF SHAFT WALLS. MEP WORK IS DESIGN-BUILD. CONTRACTOR TO VERIFY MINIMUM SIZE.
- NEW STEEL BEAM. REFER TO STRUCTURAL DRAWINGS. PROVIDE 2-HR RATED INTUMESCENT COATING WITH THICKNESS AS REQUIRED FOR RATING - TYPICAL FOR ALL EXPOSED STEEL IN BUILDING. SEE 6/A0.3.
- EXISTING ROOF STRUCTURE TO REMAIN.
- 2-HOUR FIRE-RATED FLOOR ASSEMBLY AT 3RD FLOOR TO SEPARATE TRASH CHUTE SHAFT FROM 3RD - ROOF MECHANICAL SHAFT. SEE 2/A0.3 AND STRUCTURAL DRAWINGS.
- MECHANICAL DUCT TO ROOF/ROOF EQUIPMENT. CONTRACTOR TO VERIFY SIZE OF SHAFT REQUIRED AND DUCT EXTENSION / TERMINATION REQUIREMENTS.
- CONTRACTOR TO PROVIDE SHAFT TERMINATION AT LINE OF ROOF AS REQUIRED.
- NEW TRASH CHUTE STEEL ANGLE FLOOR FRAME BY CHUTE MANUFACTURER. TYP AT EACH FLOOR. INSTALL TRASH CHUTE PER MANUFACTURER'S INSTRUCTIONS. CONTRACTOR TO COORDINATE.
- NEW STRUCTURAL CHANNELS FOR TRASH CHUTE FLOOR FRAME BEARING. MAINTAIN 3" CLEAR BETWEEN MEMBERS - VERIFY WITH CHUTE MANUFACTURER. CHANNELS ARE NOT REQUIRED TO BE FIRE-RATED, REFER TO STRUCTURAL.
- NEW 30" X 36" LOUVER PANEL FOR TRASH CHUTE HORIZONTAL VENTING TO EXTERIOR BY CHUTE MANUFACTURER. CONTRACTOR TO COORDINATE AND VERIFY SIZE REQUIRED. LOUVER PANEL TO FIT WITHIN EXISTING RECESSED MASONRY AT EXISTING FACADE. CONTACT CHUTE MANUFACTURER TO VERIFY CONFLICT WITH PROMINENT MASONRY ELEMENTS.
- NEW 30" X 32" LOUVER BOX FOR TRASH CHUTE HORIZONTAL VENTING TO EXTERIOR BY CHUTE MANUFACTURER. DEPTH OF LOUVER BOX IS TO BE 2" MORE THAN WALL THICKNESS. CONTRACTOR TO COORDINATE AND VERIFY SIZE REQUIRED.
- NEW DOOR OPERER PUSH PLATE WITH INTERNATIONAL SYMBOL OF ACCESSIBILITY. CONTROLS TO COMPLY WITH ICC A117.1 SECTION 308. REFER TO DOOR TYPE 11 ON A4 FOR PLACEMENT DETAILS. CENTER 30" X 48" CLEAR FLOOR SPACE FOR FORWARD APPROACH OR PUSH BUTTON. DOOR SWING IS TO NOT ENCRUMB INTO CLEAR FLOOR SPACE.
- NEW 90-MINUTE FIRE-RATED, SELF-CLOSING CHUTE INTAKE DOORS BY TRASH CHUTE MANUFACTURER. CONTRACTOR TO COORDINATE.
- NEW FLOODING SPRAY HEAD LOCATED ABOVE THE TOP INTAKE DOOR BY CHUTE MANUFACTURER. MEP AND FP IS DESIGN-BUILD. CONTRACTOR TO COORDINATE AND VERIFY ALL CBC AND NFPA REQUIREMENTS.
- NEW FUSIBLE LINKED AUTOMATIC SPRINKLER HEADS TO BE INSTALLED AT FLOORS 2, 4, 6, 8, AND 10. CHUTE SPRINKLERS ARE TO BE ACCESSIBLE FOR SERVICING. MEP AND FP IS DESIGN-BUILD. CONTRACTOR TO COORDINATE AND VERIFY ALL CBC AND NFPA REQUIREMENTS.
- NEW 2-HOUR FIRE-RATED INCLINED, ROLLING TRASH CHUTE DISCHARGE DOOR BY CHUTE MANUFACTURER. DOOR TO BE HELD OPEN BY FUSIBLE LINK. COORDINATE PRODUCT SELECTION WITH OWNER.
- NEW TRASH COMPACTOR. BASIS OF DESIGN: APOLLO A480 APPOINTMENT COMPACTOR. COORDINATE PRODUCT SELECTION WITH OWNER.
- NEW 2 CUBIC YARD FRONT LOAD ROLLING TRASH CONTAINER. COORDINATE PRODUCT SELECTION WITH OWNER.
- NEW NON-COMBUSTIBLE 2-HOUR RATED FLOOR CONSTRUCTION AT EXISTING ELEVATOR OF ROOM. FLOOR 11.5 SHALL BE FIRE RATED TOP OF NEW ELEVATOR SHAFT. CMU SHAFT WALLS TO TERMINATE AT THE UNDERSIDE OF THE NEW FLOOR STRUCTURE. REFER TO 2/A0.3 AND STRUCTURAL DRAWINGS.
- NEW FIRE-RATED, SELF-CLOSING TRASH ROOM DOOR WITH OCCUPANCY SENSOR. SEE DOOR SCHEDULE ON SHEET A0.4.
- TRASH ROOM DOOR AND TRASH CHUTE INTAKE DOOR TO BE CENTERED ON TRASH CHUTE.
- NEW FIRE-RATED STUD WALL. SEE WALL TYPES ON NEW WORK PLANS. FIRE RATING REQUIREMENTS VARY PER FLOOR.
- NEW 2-HOUR FIRE-RATED SHAFT WALL. SEE WALL TYPES ON NEW WORK PLANS. SHAFT WALL STUD DEPTH AND GAUGE IS TO BE DETERMINED BY MFR'S STUD TABLE. CONTRACTOR TO VERIFY UNBRACED HEIGHT IN FIELD PRIOR TO INSTALLATION. CHANGES IN STUD SIZES FROM FLOOR TO FLOOR, IF NECESSARY, TO TRANSITION PER MFR. RECOMMENDATIONS.
- EXISTING 2-HR RATED FLOOR / CEILING ASSEMBLY TO REMAIN. REFER TO NEW WORK PLANS.
- EXISTING CLAY TILE WALL CONSTRUCTION TO REMAIN. REFER TO NEW WORK PLANS.
- BASEMENT TRASH DISCHARGE ROOM TO BE EQUIPPED WITH AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH CBC SECTION 905.11.2. MEP AND FP IS DESIGN-BUILD. CONTRACTOR TO COORDINATE AND VERIFY ALL CBC AND NFPA REQUIREMENTS.
- NEW CONCRETE SLAB. SEE STRUCTURAL DRAWINGS. EXTENT OF NEW CONCRETE IS UNKNOWN. CONTRACTOR TO COORDINATE.
- ELEVATOR HOST BEAM. REFER TO STRUCTURAL. CONFIRM REQUIREMENTS WITH ELEVATOR MANUFACTURER.
- NEW NON-RATED STUD WALL. REFER TO WALL TAGS ON NEW WORK PLANS.
- BRICK INFILL AT EXISTING WINDOW OPENING. SEE NEW WORK PLANS.
- NEW 90-MINUTE FIRE-RATED, SELF-CLOSING DISCHARGE ROOM DOOR. REFER TO DOOR TAGS ON NEW WORK PLANS AND DOOR SCHEDULE ON SHEET A0.4.
- EXISTING EXPOSED STEEL BEAM TO REMAIN. PROVIDE 2-HR RATED INTUMESCENT COATING WITH THICKNESS AS REQUIRED FOR RATING - TYPICAL FOR ALL EXPOSED STEEL IN BUILDING. SEE 6/A0.3.
- LINE OF EXISTING PLASTER / COLUMN BEYOND, TYP.
- NEW CONCRETE STEPS - 7" RISE MAX. / 4" RISE MIN. AND 1" MIN. TREAD. FINAL LOCATION OF STEPS TO BE DETERMINED BASED ON NECESSARY EXTENT OF NEW SLAB. MAINTAIN MINIMUM LANDING DIMENSIONS FROM DOOR. REFER TO NEW WORK PLANS.
- PAINTED METAL HANDRAIL, 8" 3/4" DIA. SEE NEW WORK PLANS FOR ADDITIONAL NOTES.
- NEW ELEVATOR SHAFT WALL. SEE NEW WORK PLANS AND STRUCTURAL DRAWINGS.
- EXISTING MASONRY WALL TO REMAIN. U.O.N. REFER TO NEW WORK PLANS.
- REINSTALLED HISTORIC ELEVATOR DOOR, METAL PANEL, AND METAL STOP INDICATOR. REFER TO HISTORIC REYNOLDS ON NEW WORK PLANS.
- SHAFT WALL ASSEMBLY TO PASS BY FACE OF NEW 2-HOUR FIRE-RATED FLOOR INFL ASSEMBLY. SECURE SHAFT WALL TO FLOOR STRUCTURE AT EACH LEVEL. REFER TO 10/A0.3 AND STRUCTURAL DRAWINGS.
- SHAFT WALL ASSEMBLY TO PASS BY FACE OF EXISTING 2-HOUR FIRE-RATED FLOOR ASSEMBLY. SECURE SHAFT WALL TO FLOOR STRUCTURE AT EACH LEVEL. REFER TO 9/A0.3 AND STRUCTURAL DRAWINGS.
- EXISTING CONCRETE SLAB ON GRADE TO REMAIN. VERIFY IN FIELD.
- NEW 2-HR FIRE-RATED MECHANICAL SHAFT (BASEMENT TO ROOF) TO ROOF/ROOF MECHANICAL EQUIPMENT. FIRE-RATED DAMPERS ARE REQUIRED AT PENETRATIONS OF SHAFT WALLS. MEP IS DESIGN-BUILD. CONTRACTOR TO VERIFY MINIMUM SIZE.
- PROVIDE SHEET BENICONTATE WATERPROOFING W/ PROTECTION BOARD. TYP.
- PROVIDE WATER STOP AT PERIMETER OF PIT. TYPICAL.
- PROVIDE SUMP AT BOTTOM OF ELEVATOR PIT. COORDINATE SUMP W/ ELEVATOR MANUFACTURER REGS AND FOOT REINFORCING BARS.
- EXISTING FOUNDATION SYSTEM TO BE VERIFIED IN FIELD. REFER TO STRUCTURAL DRAWINGS.
- NEW CONCRETE FOUNDATION. REFER TO STRUCTURAL DRAWINGS.
- EXISTING HISTORIC ACCESS DOOR TO REMAIN. REFER TO HISTORIC KEYNOTE ON NEW WORK PLANS FOR ADDITIONAL INFORMATION.
- EXISTING BEAM TO REMAIN.
- NEW ELEVATOR DOOR BEYOND. HEIGHT OF DOOR TO MATCH EXISTING ELEVATOR DOOR HEIGHT. CONTRACTOR TO COORDINATE WITH ELEVATOR MANUFACTURER. REFER TO 11/A0.8 AND STRUCTURAL DRAWINGS.
- NEW CONTINUOUS MECHANICAL SHAFT BEYOND. SEE NEW WORK PLANS AND STRUCTURAL DRAWINGS.
- NEW TIE OFF BEAM. REFER TO STRUCTURAL DRAWINGS. CONFIRM CLEAR DIMENSIONS WITH ELEVATOR MANUFACTURER.
- NEW 2-HOUR FIRE-RATED CONCRETE SLAB ON METAL DECK FLOOR INFILL. ALIGN NEW FLOOR W/ EXISTING ADJACENT SUBFLOOR. SEE 3/A0.3 AND STRUCTURAL DRAWINGS.
- SHAFT WALL ASSEMBLY TO PASS BY FACE OF NEW 2-HOUR FIRE-RATED CONCRETE FLOOR INFILL ASSEMBLY. SECURE SHAFT WALL TO FLOOR STRUCTURE AT EACH LEVEL. REFER TO STRUCTURAL DRAWINGS.
- NEW CONCRETE SLAB INFILL WITH SUPPORTING BENT PLATE. REFER TO STRUCTURAL. PROVIDE 2-HR INTUMESCENT COATING ON SUPPORTING STEEL BENT PLATE. SEE 6/A0.3 FOR REQUIRED THICKNESS OF COATING.
- PROVIDE 1/2" GYP BOARD WITH HFT BLOCKING AS REQUIRED AT INFILL TO CREATE A SMOOTH FINISH AUGCHED TO ADJACENT EXISTING PLASTER CEILING.



1 TRASH CHUTE SIDE VENTING SECTION - 10TH FLOOR
1/4" = 1'-0"



2 TYPICAL TRASH ROOM, TRASH CHUTE ENLARGED PLAN - 4TH - 10TH FLOOR, 2ND, 3RD SIMILAR
1/4" = 1'-0"

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TRASH CHUTE SECTION
DIAGRAMS AND ENLARGED
PLAN

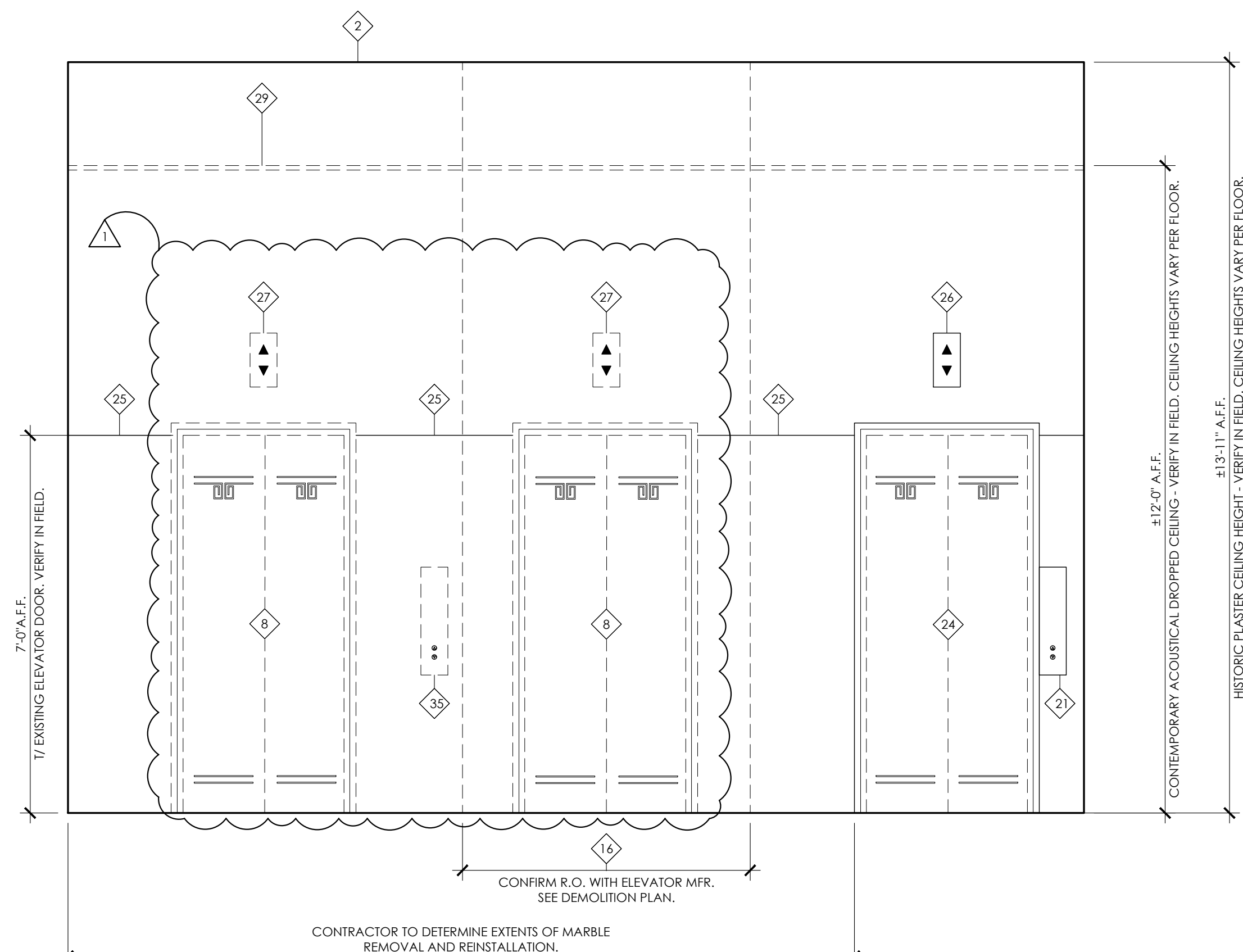
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ELEVATOR LOBBY INTERIOR ELEVATION GENERAL NOTES

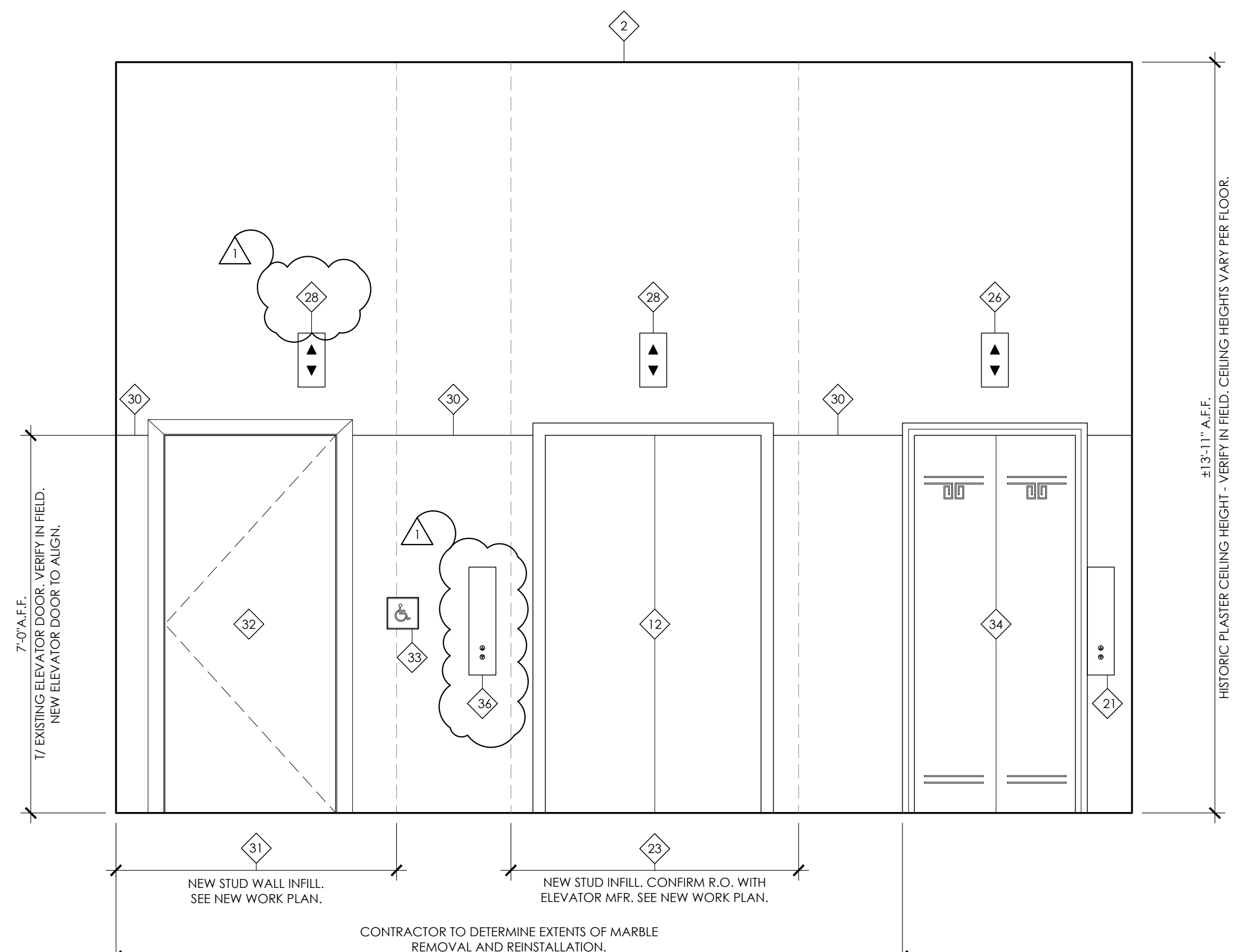
- TYPICAL INTERIOR ELEVATIONS ARE FOR REFERENCE ONLY. REFER TO NEW WORK PLANS FOR ADDITIONAL NOTES.
- SEE HISTORIC KEYED NOTES ON DEMOLITION AND NEW WORK PLANS.
- COORDINATE WALL FRAMING CLEAR DIMENSIONS AT ELEVATOR WITH MANUFACTURER.
- SEE PLANS FOR WALL TYPES, AND FINISHED CEILING HEIGHTS. CONTRACTOR TO VERIFY ALL FINISHED CEILING HEIGHT DIMENSIONS. CONTACT ARCHITECT WHEN CONTEMPORARY CEILING MATERIALS ARE REMOVED FOR VERIFICATION OF HISTORIC CEILING ELEMENTS.
- SEE FINISH SCHEDULE ON ADS FOR FLOORING AND WALL FINISHES.

ELEVATOR LOBBY INTERIOR ELEVATION KEYED NOTES

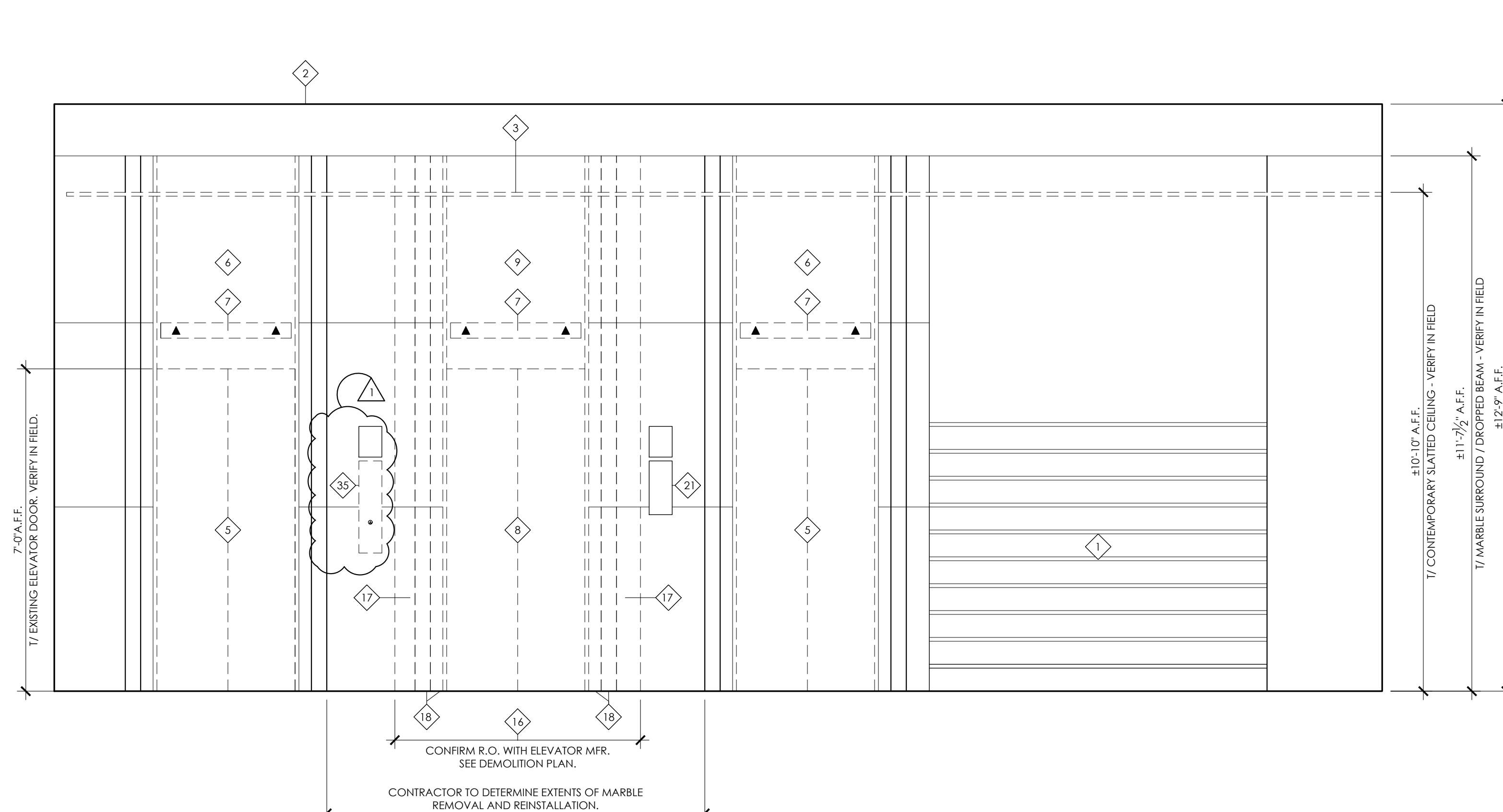
- EXISTING STAIR TO REMAIN. PROTECT DURING ALL PHASES OF CONSTRUCTION.
- HISTORIC PLASTER CEILING ABOVE CONTEMPORARY SUSPENDED CEILING TO REMAIN INTACT WITH NO DAMAGE DURING CONSTRUCTION.
- EXISTING CONTEMPORARY SUSPENDED SLATED CEILING TO BE REMOVED AND SALVAGED AS NECESSARY FOR NEW ELEVATOR SHAFT CONSTRUCTION.
- REINSTALL SUSPENDED SLATED CEILING TO MATCH EXISTING HEIGHT AND CONFIGURATION.
- HISTORIC METAL ELEVATOR DOORS TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CMU ELEVATOR SHAFTS AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENING/HISTORIC MARBLE SURROUND.
- HISTORIC METAL PANEL ABOVE ELEVATOR DOORS TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CMU ELEVATOR SHAFTS AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENING/HISTORIC MARBLE SURROUND.
- HISTORIC METAL STOP INDICATOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CMU ELEVATOR SHAFTS AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENING/HISTORIC MARBLE SURROUND.
- HISTORIC METAL ELEVATOR DOOR AND FRAME TO BE REMOVED.
- HISTORIC METAL PANEL ABOVE ELEVATOR DOOR TO BE REMOVED.
- NEW METAL PANEL WITHIN ADJUSTED MARBLE SURROUND AT NEW ELEVATOR DOOR. FINISH IS TO CLOSELY MATCH THE EXISTING FINISH.
- REINSTALLED HISTORIC METAL PANEL ABOVE REINSTALLED ELEVATOR DOOR WITHIN DOOR OPENING/HISTORIC MARBLE SURROUND.
- NEW FIRE-RATED ELEVATOR DOOR AND FIRE-RATED FRAME. CONFIRM REQUIREMENTS WITH MANUFACTURER.
- REINSTALLED HISTORIC METAL ELEVATOR DOOR WITHIN DOOR OPENING / HISTORIC MARBLE SURROUND.
- REINSTALLED HISTORIC METAL STOP INDICATOR WITHIN REINSTALLED METAL PANEL ABOVE REINSTALLED ELEVATOR DOOR.
- REINSTALLED HISTORIC METAL STOP INDICATOR WITHIN NEW METAL PANEL ABOVE NEW ELEVATOR DOOR. CENTER WITHIN NEW DOOR OPENING AND MOUNT AT HEIGHT OF EXISTING. IF EXISTING HISTORIC METAL STOP INDICATOR CAN NOT BE REINSTALLED, THE NEW REPLACEMENT SHALL CLOSELY MATCH THE EXISTING IN CHARACTER AND FINISH.
- EXISTING GLASS SHIRT WALL TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT CONSTRUCTION.
- HISTORIC MARBLE WALL PANELS AND TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH CONFIGURATION.
- MARBLE SURROUND TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH CONFIGURATION.
- NOT USED.
- REINSTALLED MARBLE SURROUNDS AT NEW ELEVATOR DOORS TO MATCH EXISTING CONFIGURATION.
- METAL BUTTON PANELS TO REMAIN, U.N.O.
- REINSTALLED HISTORIC MARBLE WALL PANELS TO MATCH EXISTING CONFIGURATION.
- NEW STUD WALL INFILL AFTER NEW ELEVATOR INSTALLATION. SEE WALL TYPES ON NEW WORK PLAN.
- HISTORIC METAL ELEVATOR DOOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CMU ELEVATOR SHAFT AND SALVAGED FOR REINSTALLATION WITHIN DOOR OPENING AND HISTORIC METAL FRAME.
- MARBLE WALL PANELS TO BE CAREFULLY REMOVED AS NECESSARY FOR NEW ELEVATOR SHAFT / TRASH ROOM CONSTRUCTION AND SALVAGED FOR INSTALLATION TO MATCH EXISTING CONFIGURATION. EXCESS SALVAGED MARBLE TO BE APPLIED WHERE MISSING AT SOUTH WALL OF SECOND FLOOR LOBBY.
- HISTORIC ELEVATOR ARROW INDICATOR TO REMAIN IN PLACE.
- HISTORIC ELEVATOR ARROW INDICATOR TO BE CAREFULLY REMOVED TO ACCOMMODATE NEW CMU ELEVATOR SHAFTS AND SALVAGED FOR REINSTALLATION IN EXISTING LOCATION WITHIN INFILL WALL CONSTRUCTION.
- REINSTALLED HISTORIC ELEVATOR ARROW INDICATOR AT EXISTING LOCATION WITHIN STUD WALL ABOVE NEW ELEVATOR DOOR. IF SALVAGED HISTORIC ELEVATOR ARROW INDICATOR CAN NOT BE REINSTALLED, THE NEW REPLACEMENT SHALL CLOSELY MATCH THE EXISTING IN HISTORIC FINISH AND CHARACTER.
- CONTEMPORARY CEILING MATERIALS TO BE REMOVED.
- REINSTALLED HISTORIC MARBLE WALL PANEL IN EXISTING LOCATION OR MODIFIED TO FIT NEW DOOR CONFIGURATION.
- NEW STUD WALL INFILL AT TRASH ROOM. SEE NEW WORK PLANS AND ENLARGED TRASH ROOM PLAN.
- NEW FIRE RATED TRASH ROOM ENTRY DOOR AND FIRE-RATED FRAME. REFER TO NEW WORK PLAN AND DOOR SCHEDULE ON SHEET SA-1. PANELS FINISH TO MATCH ADJACENT HISTORIC ELEVATOR DOORS.
- DOOR OPERATOR TO BE FINISH TO MATCH ADJACENT HISTORIC ELEVATOR DOORS.
- DOOR OPERATOR TO BE FINISH TO MATCH ADJACENT HISTORIC ELEVATOR DOORS.
- REINSTALLED HISTORIC ELEVATOR DOOR AND FRAME WITHIN HISTORIC DOOR OPENING/REPAIR.
- METAL BUTTON PANEL TO BE REMOVED AND SALVAGED FOR RE-INSTALLATION.
- REINSTALLED METAL BUTTON PANEL AT EXISTING LOCATION. IF EXISTING METAL BUTTON PANEL CAN NOT BE REINSTALLED, THE NEW REPLACEMENT IS TO CLOSELY MATCH THE HISTORIC FINISH AND CHARACTER.



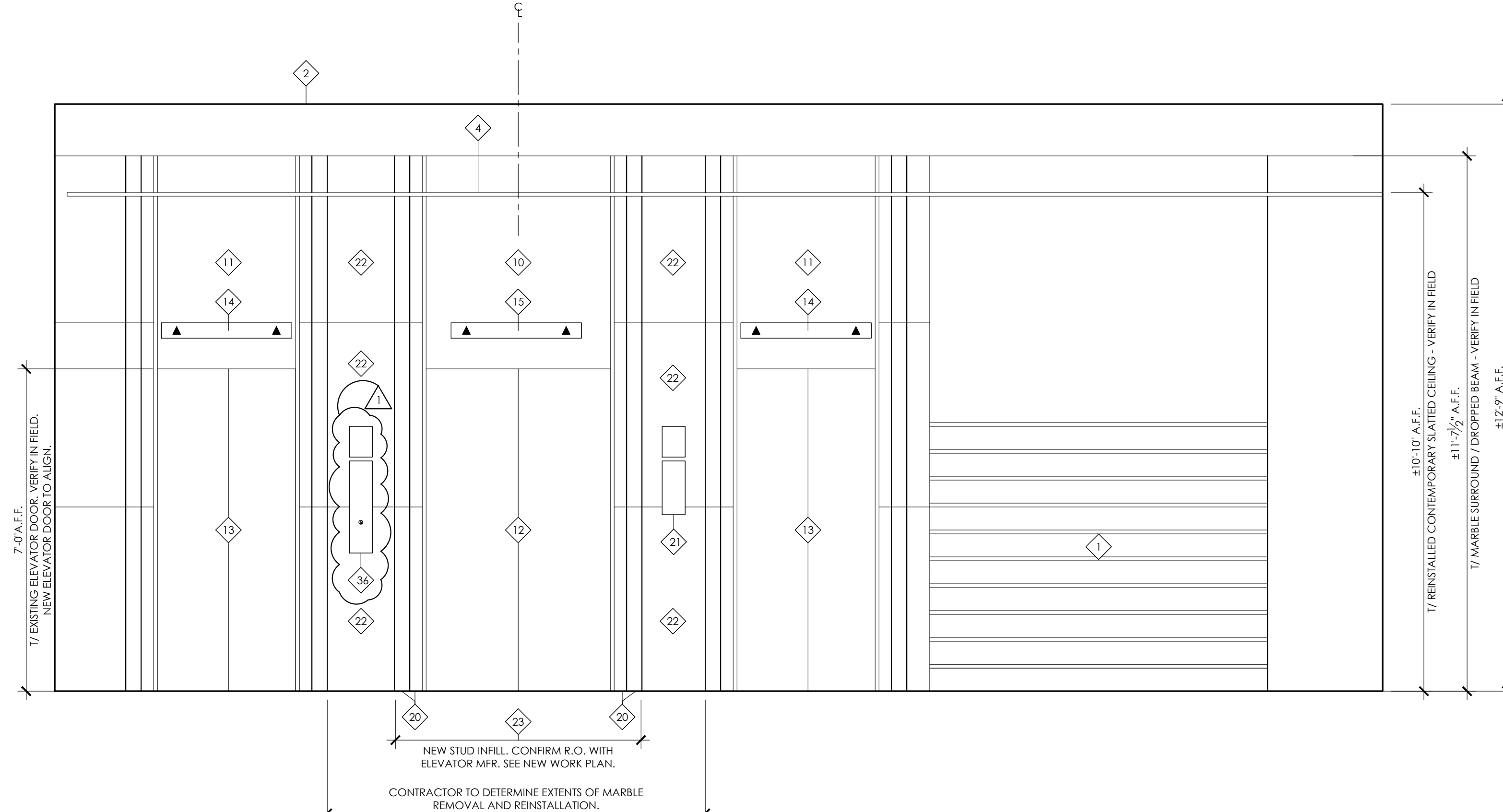
4 SECOND FLOOR ELEVATOR LOBBY DEMOLITION ELEVATION - 3RD-10TH FLOORS SIMILAR
A7.00 1/2" = 1'-0"



3 SECOND FLOOR ELEVATOR LOBBY NEW WORK ELEVATION - 3RD-10TH FLOORS SIMILAR
A7.00 1/2" = 1'-0"



2 FIRST FLOOR ELEVATOR LOBBY DEMOLITION ELEVATION
A7.00 1/2" = 1'-0"



1 FIRST FLOOR ELEVATOR LOBBY NEW WORK ELEVATION
A7.00 1/2" = 1'-0"

PRELIMINARY
NOT FOR CONSTRUCTION

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ELEVATOR INTERIOR
ELEVATIONS

A7.00

ENLARGED PLANS AND INTERIOR ELEVATION GENERAL NOTES

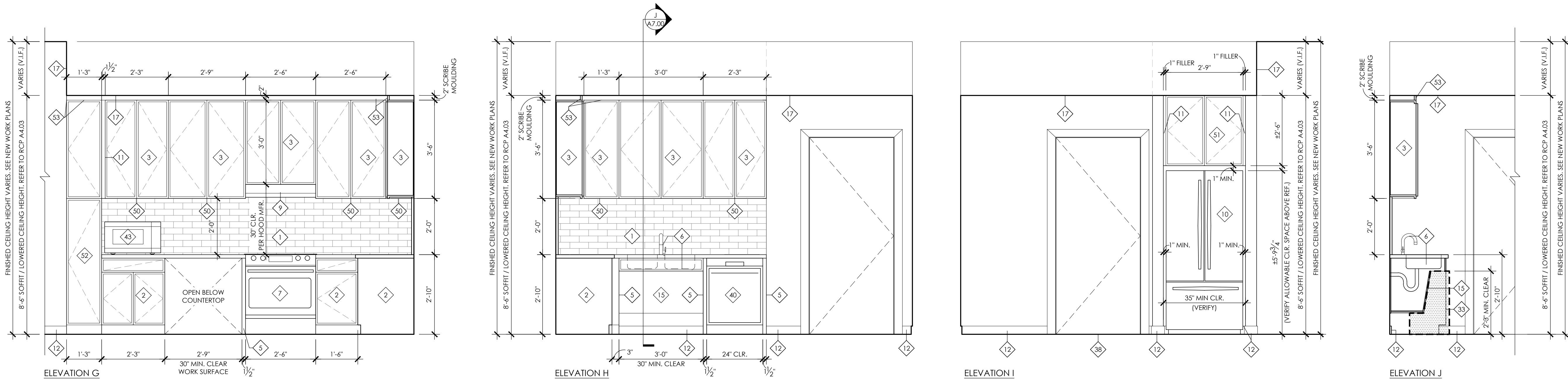
- TYPICAL ENLARGED PLANS AND INTERIOR ELEVATIONS ARE FOR REFERENCE ONLY. REFER TO NEW WORK PLANS FOR ADDITIONAL SPECIFIC LAYOUTS INCLUDING CABINET SIZES AND TYPES.
- COORDINATE WALL FRAMING CLEAR DIMENSIONS AT SHOWERS AND BATHROOMS WITH MANUFACTURER'S REQUIREMENTS.
- PROVIDE BLOCKING FOR WALL-HUNG ACCESSORIES.
- PROVIDE MOLDING, MOLD RESISTANT GYP. BOARD WITHIN 6'-0" OF ALL SOURCES OF WATER.
- SEE PLANS FOR WALL TYPES, AND FINISHED CEILING HEIGHTS. CONTRACTOR TO VERIFY ALL FINISHED CEILING HEIGHTS.
- ALL CABINETS, COUNTERTOPS, APPLIANCES, FIXTURES, FINISHES, ACCESSORIES, ETC. TO BE SELECTED BY OWNER AND COORDINATED BY CONTRACTOR. VERIFY ALL DIMENSIONS AND CLEARANCES REQUIRED.
- MEP + PE DESIGN REQUIRED AND TO BE COORDINATED BY CONTRACTOR.
- KITCHEN HOODS ARE SHOWN AS RECIRCULATING. CONTRACTOR TO VERIFY WITH OWNER.
- IN ACCESSIBLE DWELLING UNITS, PROVIDE WALL SWITCHES FOR HOOD FAN & HOOD LIGHT IN ACCESSIBLE LOCATIONS OVER COUNTER.
- BASE CABINETS AND WALL CABINETS TO HAVE FINISHED PANELS ON EXPOSED SIDES. TYPICAL.
- CABINET PULLS TO BE ANSI 117.1 COMPLIANT FOR ALL CABINETS IN TYPE A ACCESSIBLE UNITS.
- SEE FINISH SCHEDULE ON A.D.S. FOR FLOORING AND WALL FINISHES.

ENLARGED PLANS ANS 117.1 ACCESSIBILITY CLEARANCES NOTES [SEE PLANS]

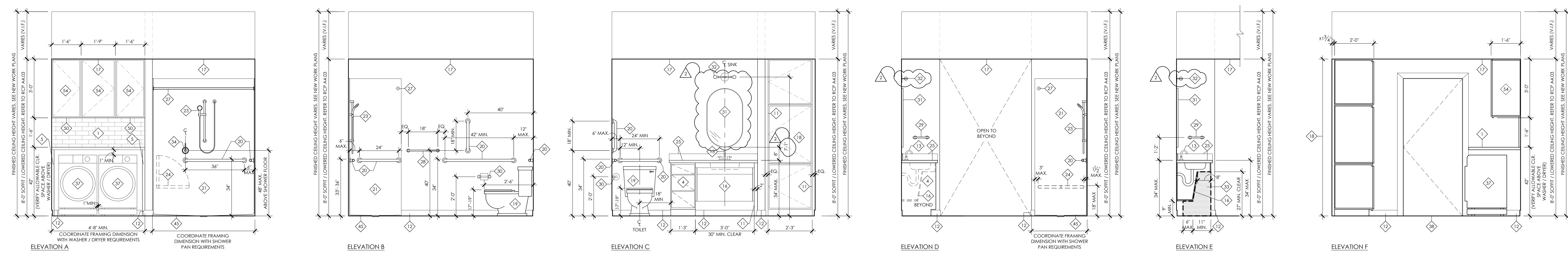
- 40" X 18" MIN. BEYOND LATCH DOOR CLEARANCE ON FULL SIDE (FRONT APPROACH).
- 48" X DOOR WITH DOOR CLEARANCE ON FULL SIDE (FRONT APPROACH).
- 48" X 24" MIN. BEYOND LATCH DOOR CLEARANCE ON FULL SIDE (LATCH APPROACH).
- 30" X 48" CLEAR FLOOR SPACE AT REFRIGERATOR (SIDE APPROACH).
- 30" X 48" CLEAR FLOOR SPACE AT COOKTOP (SIDE APPROACH).
- 30" X 48" CLEAR FLOOR SPACE ADJACENT TO OVEN DOOR IN OPEN POSITION (SIDE APPROACH).
- 30" X 48" CLEAR FLOOR SPACE AT WORK SPACE (FRONT APPROACH).
- 30" X 48" CLEAR FLOOR SPACE AT KITCHEN SINK (FRONT APPROACH).
- 30" X 48" CLEAR FLOOR SPACE AT ROLL-IN SHOWER.
- 30" X 48" CLEAR FLOOR SPACE AT BATHROOM SINK (FRONT APPROACH).
- 48" X 48" CLEAR FLOOR SPACE AT TOILET.
- 30" X 48" CLEAR FLOOR SPACE.
- 40" DIAMETER TURNING RADIUS.
- 30" X 48" CLEAR FLOOR SPACE AT DISHWASHER (SIDE APPROACH).

ENLARGED PLANS AND INTERIOR ELEVATION KEY NOTES

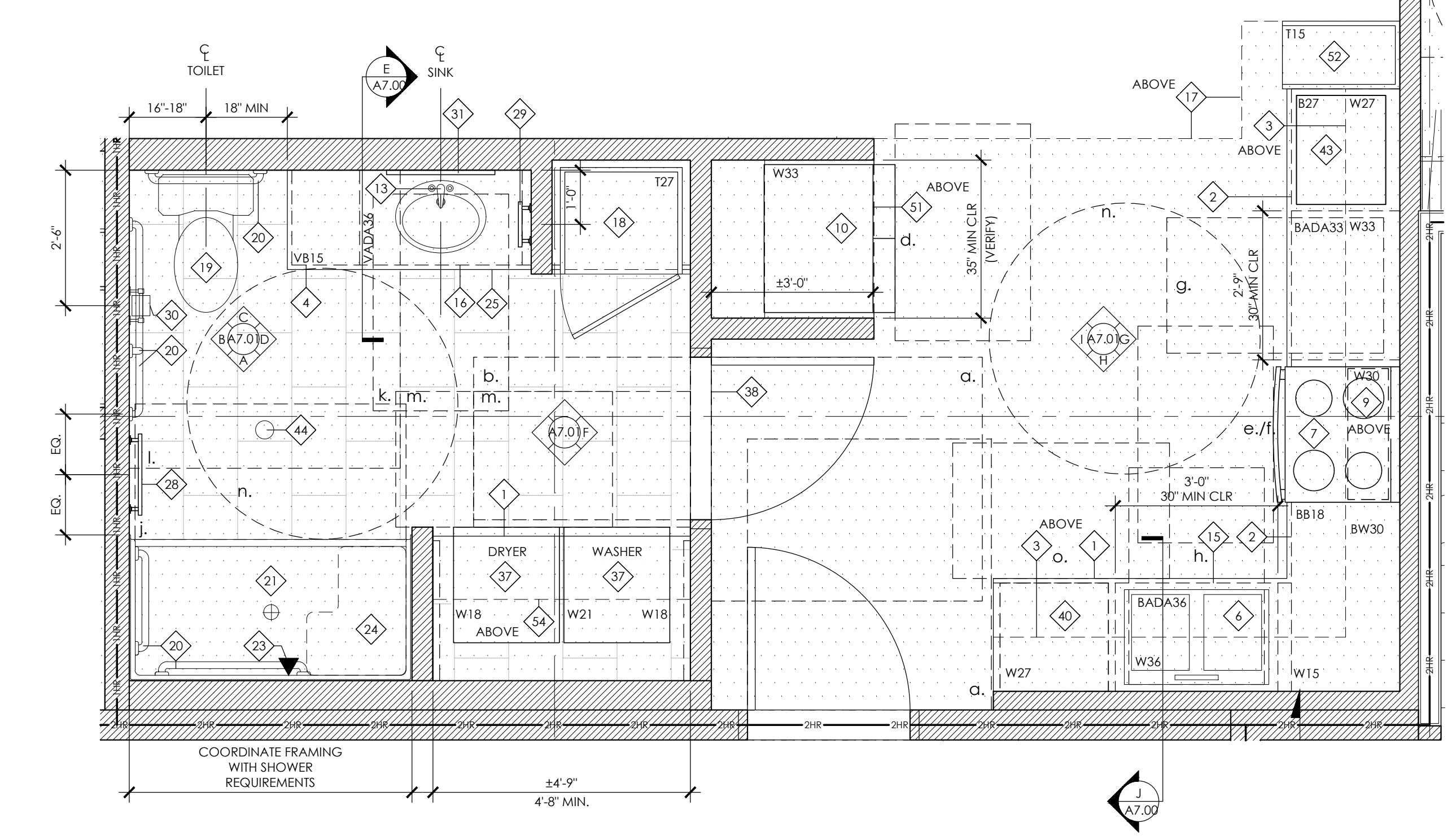
- COUNTERTOP WITH TILE BACKPLASH (WHERE APPLICABLE).
- 24" DEEP BASE CABINETS.
- 12" DEEP WALL CABINETS.
- 21" DEEP VANITY BASE CABINETS.
- 1 1/2" COUNTERTOP SUPPORT PANEL. FINISHED TO MATCH CABINETS.
- KITCHEN SINK WITH GARBAGE DISPOSAL. SINK AND FAUCET IN ACCESSIBLE UNITS SHALL BE ANSI 117.1 COMPLIANT.
- DROP-IN ANSI 117.1 COMPLIANT ELECTRIC RANGE. BASIS OF DESIGN: GE MODEL# JD4305F.
- ELECTRIC RANGE. BASIS OF DESIGN: GE MODEL# JB648KSS.
- RANGE HOOD. IN ACCESSIBLE UNITS PROVIDE WALL SWITCHES FOR HOOD FAN AND HOOD LIGHT.
- REFRIGERATOR. ANSI 117.1 ADA COMPLIANT IN ACCESSIBLE UNITS. BASIS OF DESIGN: GE MODEL# GYE18U1FS.
- PROVIDE FILLER PANEL TO MATCH CABINET FINISH.
- WALL BASE. SEE FINISH SCHEDULE ON A.D.S.
- VANITY FAUCET AT VANITY SINK. PROVIDE ANSI 117.1 ADA COMPLIANT LEVER HANDLE IN ACCESSIBLE TYPE A UNITS.
- 3/4" FINISH PANEL TO MATCH CABINETS.
- 24" DEEP WALL-HUNG ANSI 117.1 ADA COMPLIANT SINK CABINET WITH REMOVABLE PANEL W/ CUPS.
- 21" DEEP WALL-HUNG ANSI 117.1 ADA COMPLIANT VANITY CABINET WITH REMOVABLE PANEL W/ CUPS.
- GYPSUM BOARD SOFFIT / LOWEDED CEILING.
- 24" DEEP AND 96" TALL LINEN CABINET. WIDTH VARIES - REFER TO TAG ON PLAN.
- FLOOR MOUNTED TOILET (ANSI 117.1 ADA COMPLIANT IN ACCESSIBLE TYPE A UNITS).
- ANCHORED METAL GRAB BARS PER ANSI A117.1.
- 30" X 60" ANSI 117.1 ADA COMPLIANT ROLL-IN SHOWER W/ FIBERGLASS SURROUND AND BASE.
- SHOWER PAN WITH TILE SURROUND.
- HAND SHOWER WITH 30" LONG HOSE AND ADJUSTABLE HEIGHT MOUNTING BAR. TOP OF HAND SPRAYER @ 48" AFF IN LOWEST POSITION.
- FOLDING SHOWER SEAT PER ANSI A117.1. PROVIDE BLOCKING.
- COUNTERTOP WITH INTEGRAL BOWL SINK AND 4" BACKPLASH.
- SHOWERHEAD AND VALVE. CENTER ON SHOWER PAN. TYP. U.O.N.
- ANCHORED SHOWER CURTAIN ROD. MOUNTED @ 78" AFF.
- TOWEL BAR.
- HAND TOWEL BAR.
- TOILET PAPER HOLDER. WHERE ATTACHED TO VANITY BASE, COORDINATE PLACEMENT WITH DRAWERS.
- FRAME MIRROR. CENTERED ON VANITY U.N.O.
- VANITY LIGHT.
- PROVIDE REQUIRED KNEE AND TOE CLEARANCES PER ANSI 117.1 AT SINK AND WORKSPACE. AS INDICATED BY HATCH AREA. PLUMBING SHALL NOT ENCRUSH INTO KNEE AND TOE CLEAR AREA. INSULATE EXPOSED PIPES TO PROTECT AGAINST CONTACT.
- ANSI 117.1 ADA COMPLIANT SHOWER VALVE.
- 24" DEEP DISHWASHER. BASIS OF DESIGN: GE MODEL# GDD35SPSS8S.
- SHOWER WALL TILE (FULL HEIGHT). PROVIDE SCHLUTER SCHEDE ALUMINUM TRIM AT ENDS.
- WASHER AND DRYER WITH PLUMBED WASHER PAN. PROVIDE SIDE-BY-SIDE ACCESSIBLE FRONT LOADING WASHER AND DRYER ON RISERS AND DRIP PAN IN ACCESSIBLE TYPE A UNITS. BASIS OF DESIGN: GE MODEL# GFW1485SAWW GFW1485SAWW. GFW1485SAWW.
- THRESHOLD WITH BEVEL WHERE REQUIRED FOR FLOOR TRANSITION.
- NOT USED.
- ADA COMPLIANT ADJUSTABLE HEIGHT DISHWASHER. BASIS OF DESIGN: GE MODEL# GDD2265LS5S.
- MICROWAVE WITH RECIRCULATING HOOD. BASIS OF DESIGN: GE MODEL# JN3A318KJSS. SEE MECH. DIAGRAMS FOR DUCTED HOOD LOCATIONS.
- ROBE HOOK CENTERED ON DOOR. MOUNT AT 5'-8" AFF.
- ACCESSIBLE COUNTERTOP MICROWAVE. BASIS OF DESIGN: GE MODEL# JPE22725LS5S.
- FLUSH FLOOR DRAIN. COORDINATE LOCATION WITH OWNER.
- RECESS SHOWER AS NECESSARY FOR ACCESSIBILITY REQUIREMENTS.
- NOT USED.
- NOT USED.
- 24" DEEP COUNTER SUPPORT LEGS.
- FINISHED PANEL TO MATCH CABINETS. PROVIDE 3/4" FILLER AT BOTTOM OF EXPOSED PANEL.
- UNDER CABINET LIGHT.
- 24" DEEP WALL CASH. PROVIDE BLOCKING AS REQUIRED IN ORDER TO ALIGN CABINET FACE WITH ADJACENT 24" DEEP VERTICAL PANEL (WHERE APPLICABLE).
- TALL PANNY CABINET WITH FULL OUT SHELVES. DEPTH VARIES - SEE NEW WORK PLAN.
- 24" DEEP MOLDING. REFER TO MATCH CABINET.
- 24" DEEP WALL CASH.
- 24" DEEP BASE CABINET. ALIGN OUTSIDE FACE OF CABINET WITH ADJACENT CABINETS.
- SURFACE MOUNTED 12" DEEP SHELVES.
- PENDANT LIGHT. REFER TO RCP'S.
- 1/8" PANEL FRAME AND OPEN SHELVES. COORDINATE WITH OWNER AND MILLWORK PROVIDER.



ANSI "TYPE A" ACCESSIBLE STUDIO UNIT KITCHEN ELEVATIONS (UNIT 308)



ANSI "TYPE A" ACCESSIBLE STUDIO UNIT BATHROOM ELEVATIONS (UNIT 308)



ANSI "TYPE A" ACCESSIBLE STUDIO UNIT BATHROOM AND KITCHEN ENLARGED PLAN (UNIT 308)

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ACCESSIBLE UNIT ENLARGED PLANS & INTERIOR ELEVATIONS

A7.01

ENLARGED PLANS AND INTERIOR ELEVATION GENERAL NOTES

- TYPICAL ENLARGED PLANS AND INTERIOR ELEVATIONS ARE FOR REFERENCE ONLY. REFER TO NEW WORK PLANS FOR ADDITIONAL SPECIFIC LAYOUTS INCLUDING CABINET SIZES AND TYPES.
- COORDINATE WALL FRAMING CLEAR DIMENSIONS AT SHOWERS AND BATHROOMS WITH MANUFACTURERS REQUIREMENTS.
- PROVIDE BLOCKING FOR WALL-HUNG ACCESSORIES.
- PROVIDE MOISTURE/ MOLD RESISTANT GYP. BOARD WITHIN 4'-0" OF ALL SOURCES OF WATER.
- SEE PLANS FOR WALL TYPES, AND FINISHED CEILING HEIGHTS. CONTRACTOR TO VERIFY ALL FINISHED CEILING HEIGHT DIMENSIONS.
- ALL CABINERY, COUNTERTOPS, APPLIANCES, FIXTURES, FINISHES, ACCESSORIES, ETC. TO BE SELECTED BY OWNER AND COORDINATED BY CONTRACTOR. VERIFY ALL DIMENSIONS AND CLEARANCES REQUIRED.**
- MEP - FF - IS DESIGN-BUILD AND TO BE COORDINATED BY CONTRACTOR.
- KITCHEN HOODS ARE SHOWN AS RECIRCULATING. CONTRACTOR TO VERIFY WITH OWNER.
- IN ACCESSIBLE DWELLING UNITS, PROVIDE WALL SWITCHES FOR HOOD FAN & HOOD LIGHT IN ACCESSIBLE LOCATIONS OVER COUNTER.
- BASE CABINETS AND WALL CABINETS TO HAVE FINISHED PANELS ON EXPOSED SIDES. TYPICAL CABINET PULLS TO BE ANSI 117.1 COMPLIANT PULLS FOR ALL CABINERY IN TYPE A ACCESSIBLE UNITS.
- SEE FINISH SCHEDULE ON A.S. FOR FLOORING AND WALL FINISHES.

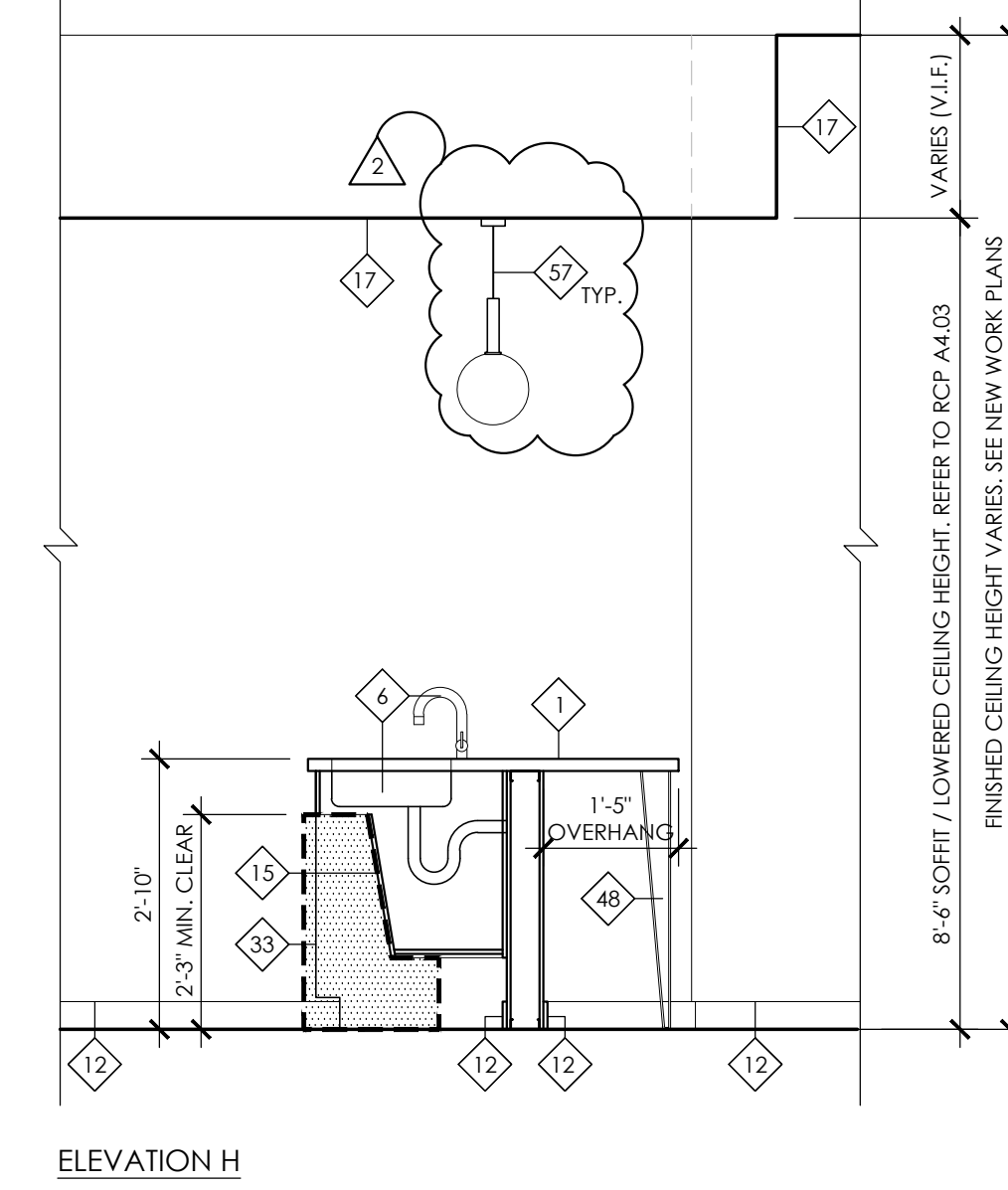
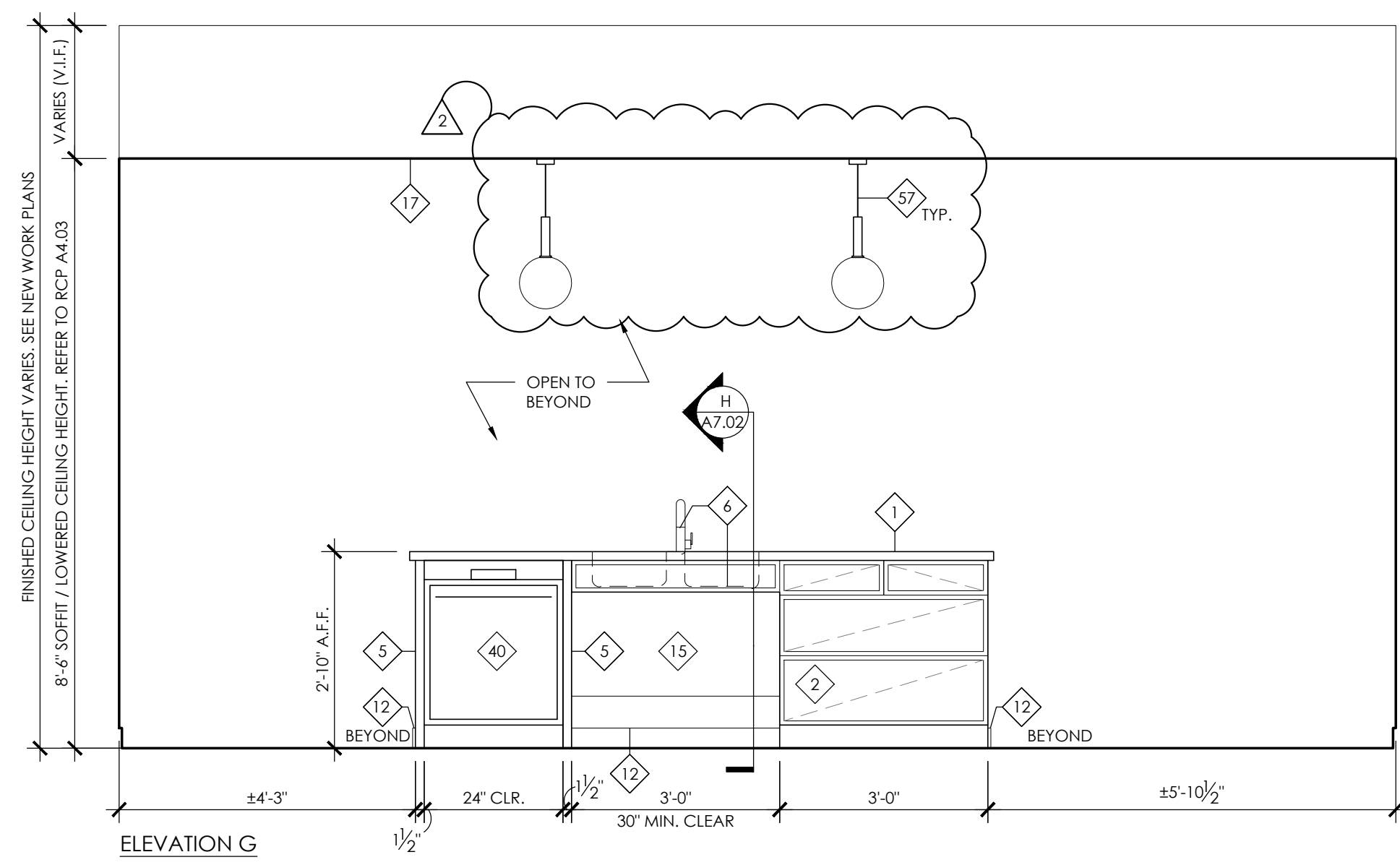
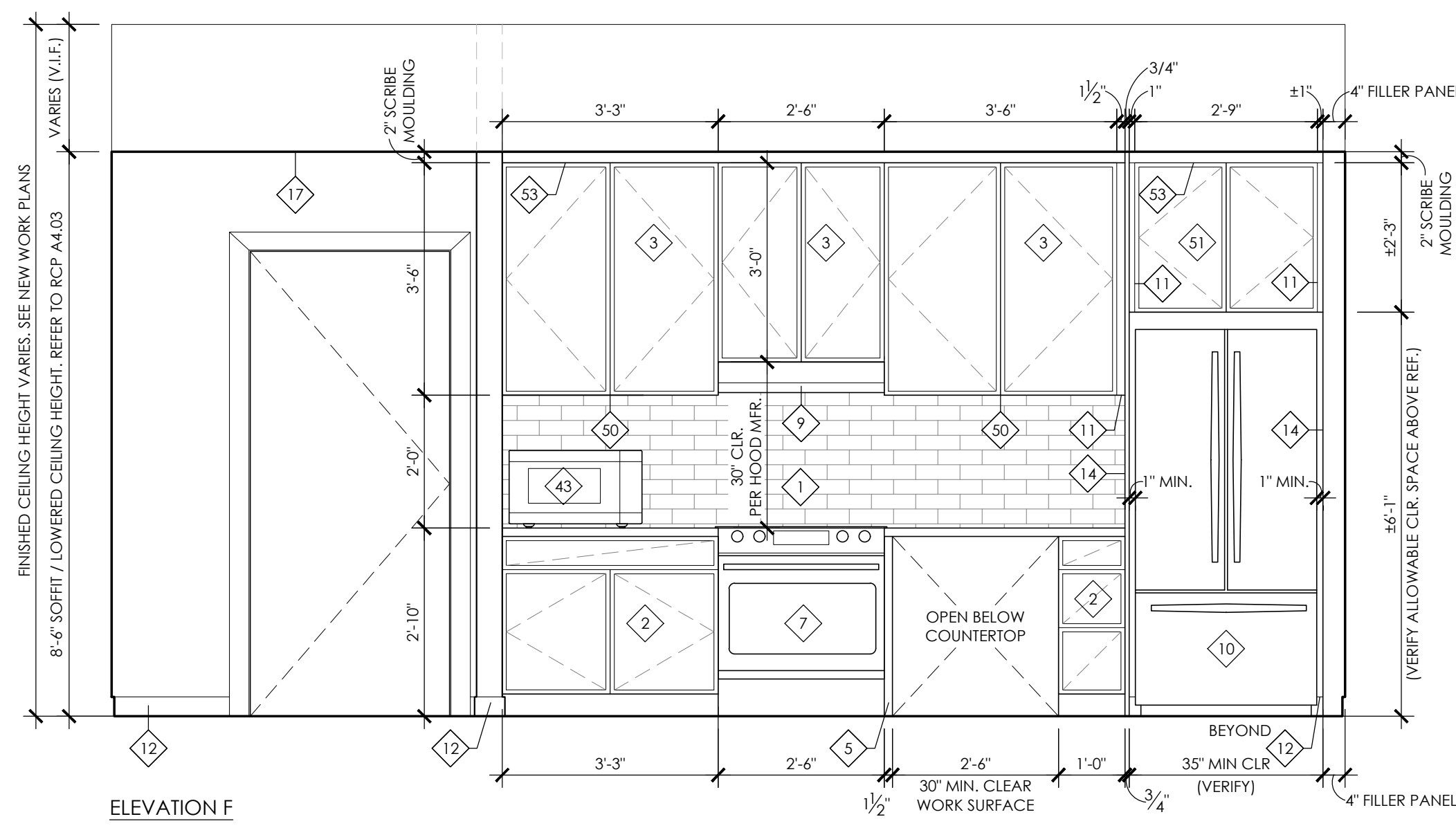
ENLARGED PLANS ANS 117.1 ACCESSIBILITY CLEARANCES NOTES [SEE PLANS]

- 30" X 18" MIN. BEYOND LATCH DOOR CLEARANCE ON FULL SIDE (FRONT APPROACH).
- 48" X DOOR WITH DOOR CLEARANCE ON PUSH SIDE (FRONT APPROACH).
- 48" X 24" MIN. BEYOND LATCH DOOR CLEARANCE ON FULL SIDE (LATCH APPROACH).
- 30" X 48" CLEAR FLOOR SPACE AT REFRIGERATOR (SIDE APPROACH).
- 30" X 48" CLEAR FLOOR SPACE AT COOKTOP (SIDE APPROACH).
- 30" X 48" CLEAR FLOOR SPACE ADJACENT TO OVEN DOOR IN OPEN POSITION (SIDE APPROACH).
- 30" X 48" CLEAR FLOOR SPACE AT WORK SPACE (FRONT APPROACH).
- 30" X 48" CLEAR FLOOR SPACE AT KITCHEN SINK (FRONT APPROACH).
- 30" X 48" CLEAR FLOOR SPACE AT ROLL-IN SHOWER.
- 30" X 48" CLEAR FLOOR SPACE AT BATHROOM SINK (FRONT APPROACH).
- 48" X 60" CLEAR FLOOR SPACE AT TOILET.
- 30" X 48" CLEAR FLOOR SPACE AT TOILET.
- 30" X 48" CLEAR FLOOR SPACE.
- 40" DIAMETER TURNING RADIUS.
- 30" X 48" CLEAR FLOOR SPACE AT DSHWASHER (SIDE APPROACH)

ENLARGED PLANS AND INTERIOR ELEVATION KEYED NOTES

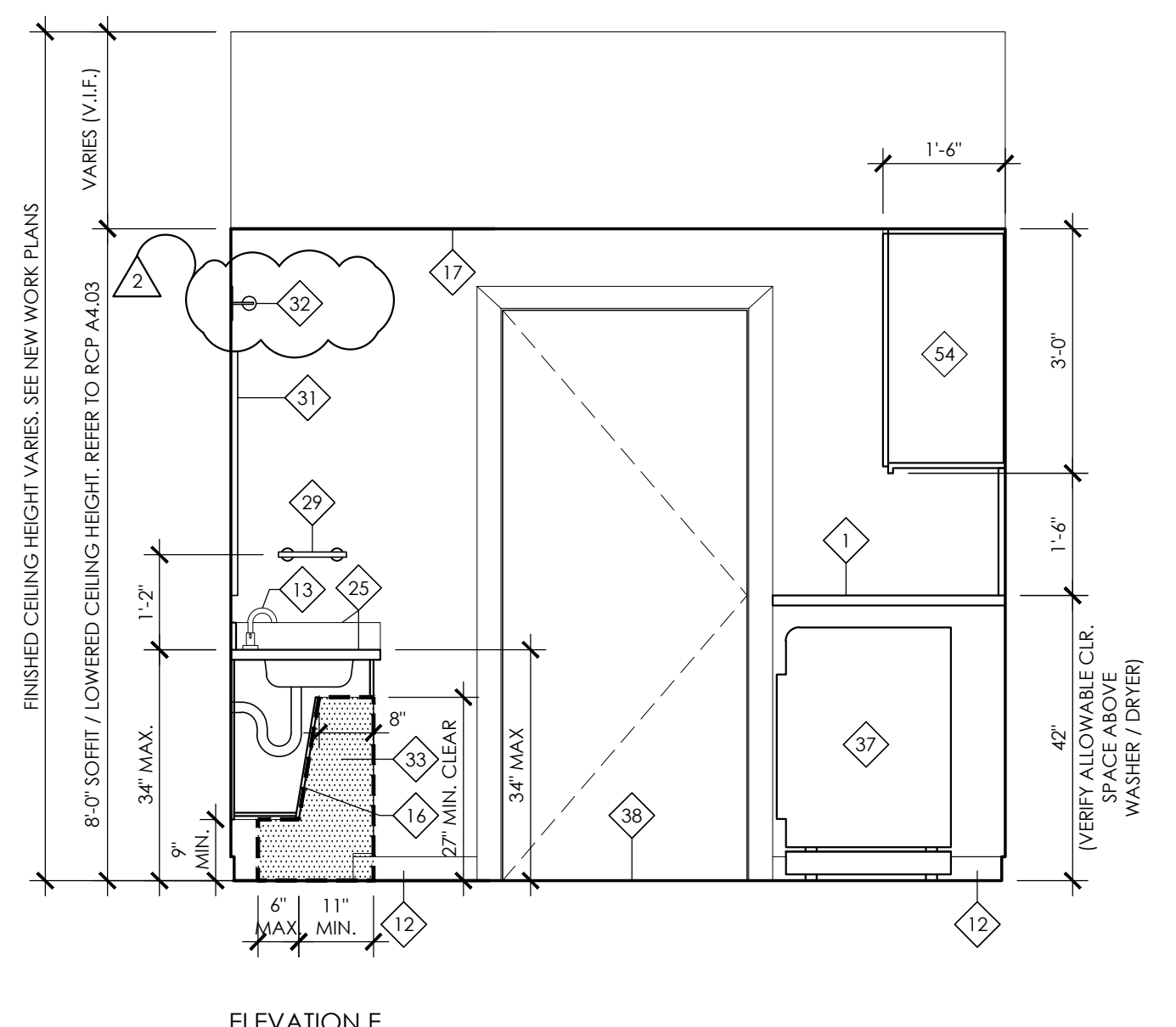
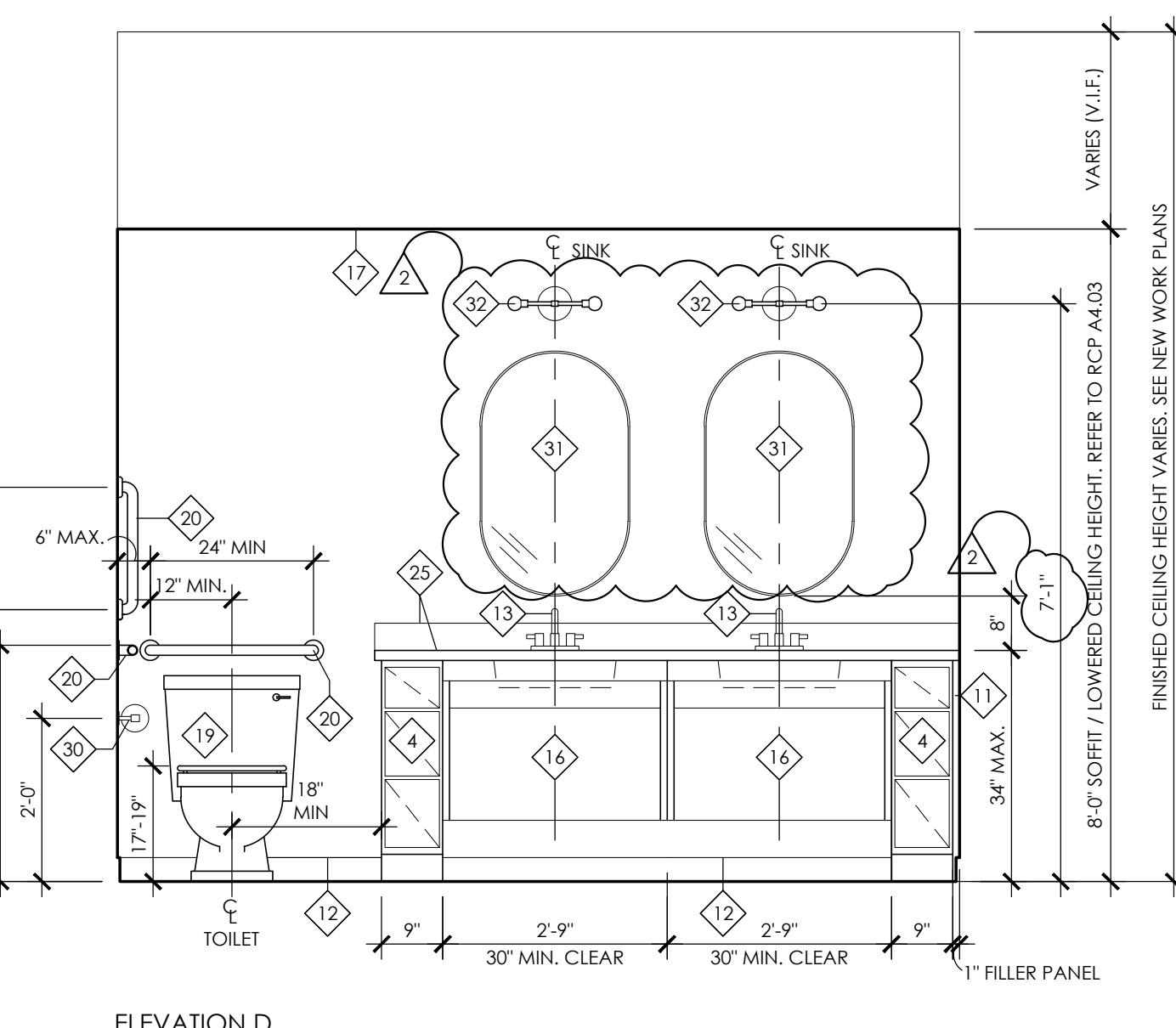
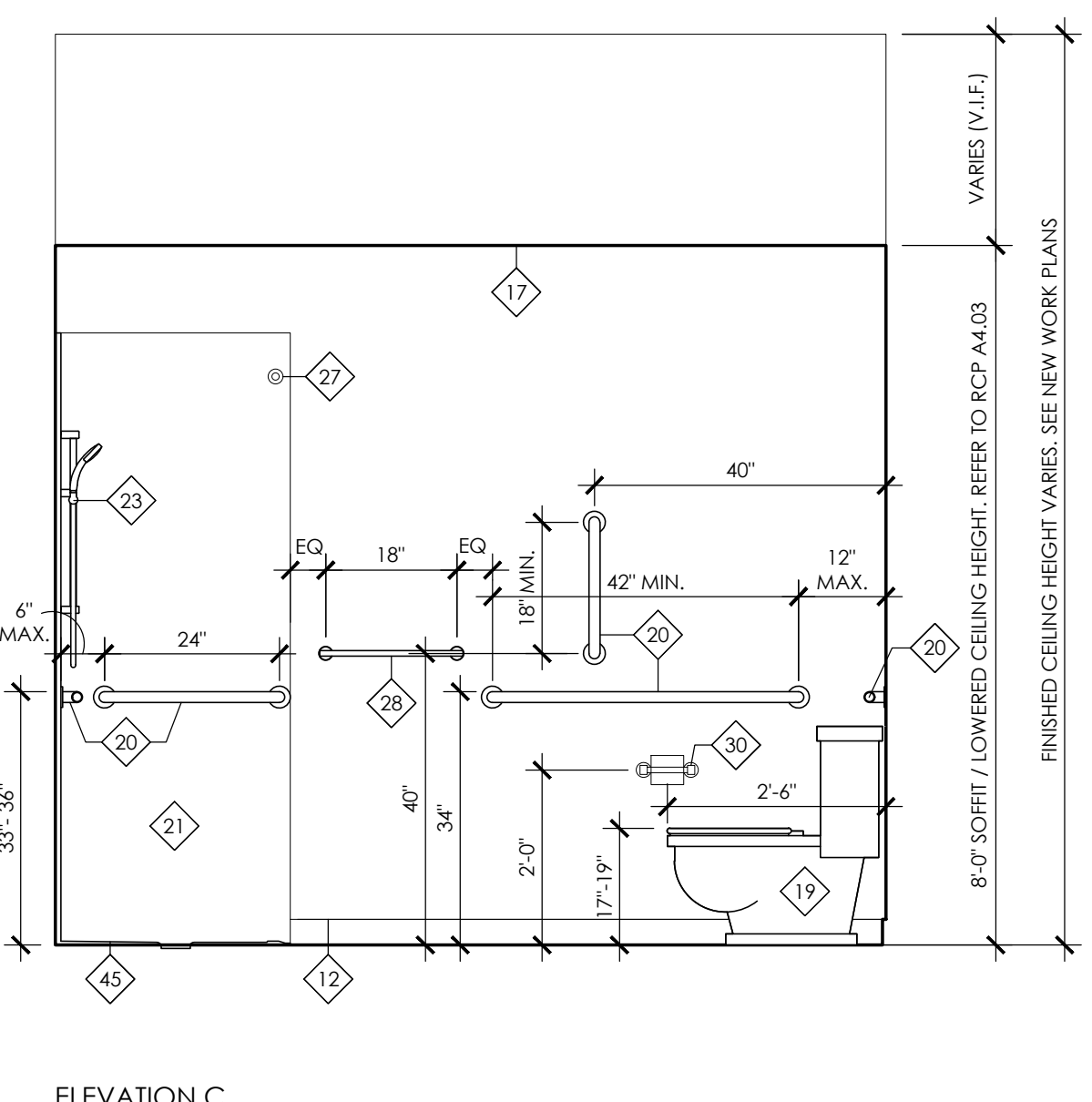
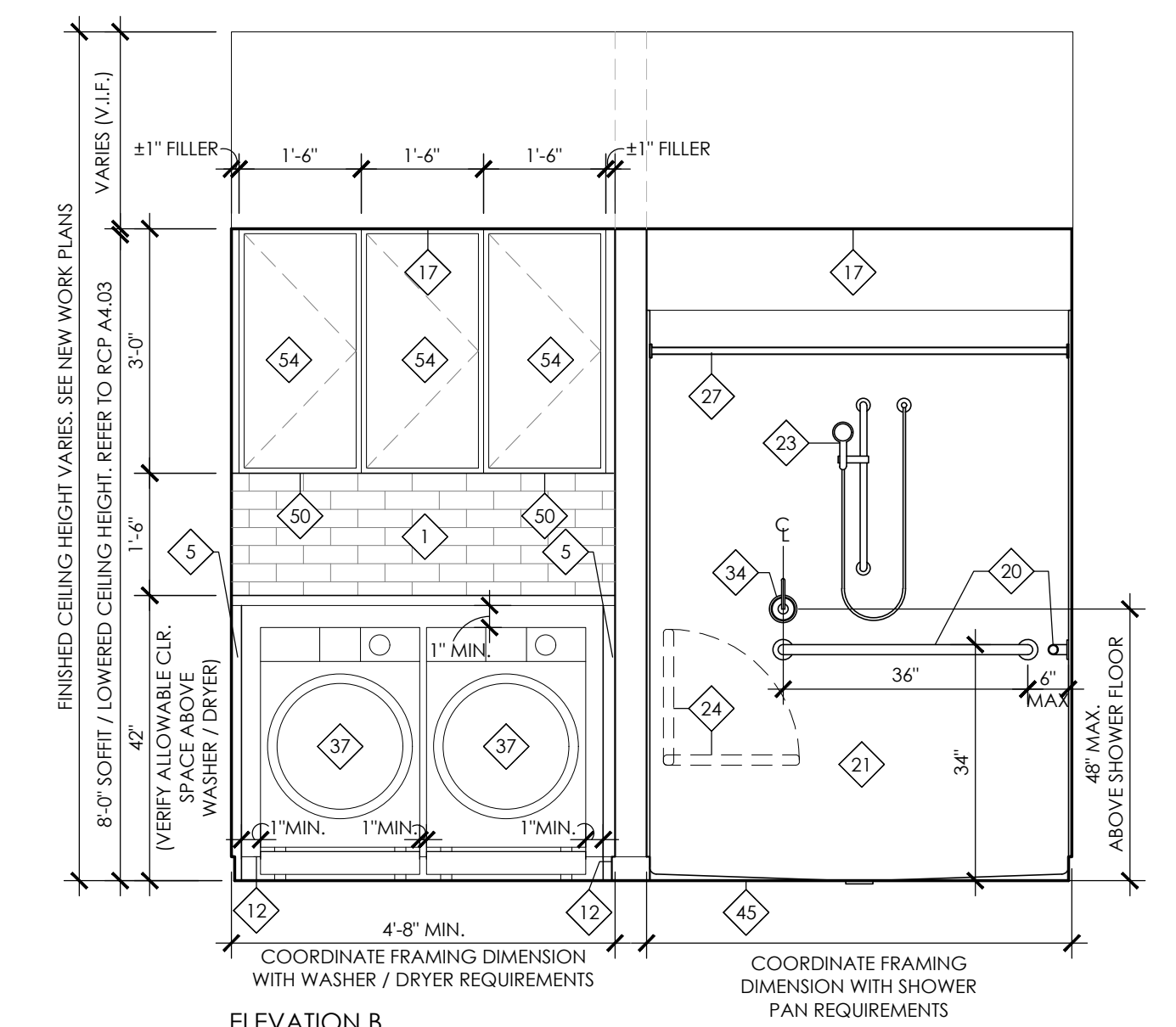
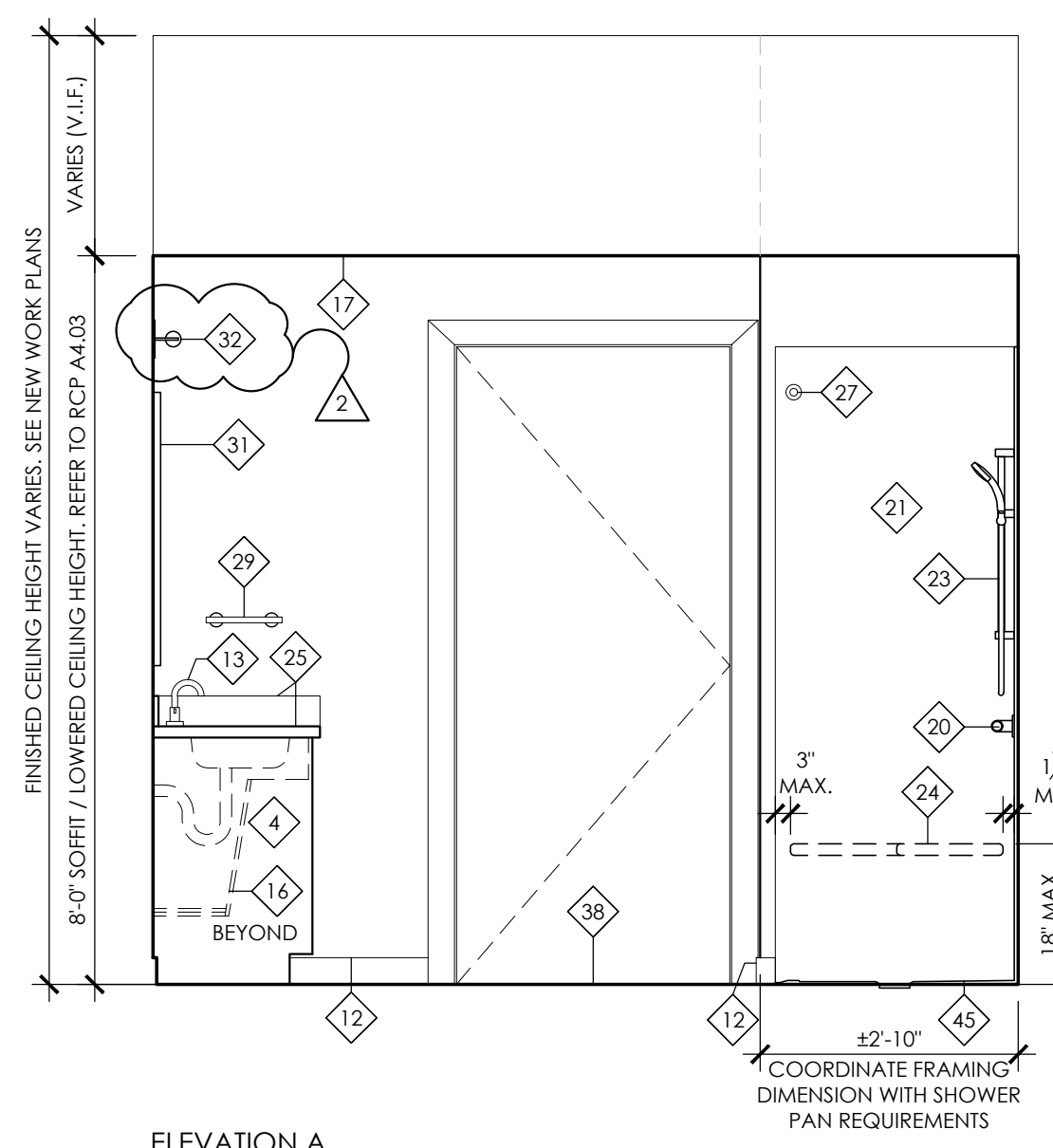
- COUNTERTOP WITH TILE BACKPLASH (WHERE APPLICABLE)
- 24" DEEP BASE CABINETS.
- 12" DEEP WALL CABINETS.
- 21" DEEP VANITY BASE CABINETS.
- 1 1/2" COUNTERTOP SUPPORT PANEL. FINISHED TO MATCH CABINETS.
- KITCHEN SINK WITH GARBAGE DISPOSAL. SINK AND FAUCET IN ACCESSIBLE UNITS SHALL BE ANSI 117.1 COMPLIANT.
- DROP-IN ANSI 117.1 COMPLIANT ELECTRIC RANGE. BASIS OF DESIGN: GE MODEL# JDS30SF
- ELECTRIC RANGE. BASIS OF DESIGN: GE MODEL# JB648R55
- RANGE HOOD. IN ACCESSIBLE UNITS PROVIDE WALL SWITCHES FOR HOOD FAN AND HOOD LIGHT.
- BASE OF DESIGN: GE MODEL# JY1035SL55
- REFRIGERATOR. ANSI 117.1 / ADA COMPLIANT IN ACCESSIBLE UNITS. BASIS OF DESIGN: GE MODEL# GYE181UFS
- PROVIDE FAUCET AT VANITY SINK. PROVIDE ANSI 117.1 ADA COMPLIANT LEVER HANDLE IN ACCESSIBLE TYPE A UNITS.
- WALL BASE. SEE FINISH SCHEDULE ON A.S.
- VANITY FINISH PANEL TO MATCH CABINETS.
- 3/4" FINISH PANEL TO MATCH CABINETS.
- 24" DEEP WALL-HUNG ANSI 117.1 ADA COMPLIANT SINK CABINET WITH REMOVABLE PANEL W/ CUPS.
- 21" DEEP WALL-HUNG ANSI 117.1 ADA COMPLIANT VANITY CABINET WITH REMOVABLE PANEL W/ CUPS.
- GYPSUM BOARD SOFFIT / LOWERED CEILING.
- 24" DEEP AND 96" TALL LINEN CABINET. WIDTH VARIES - REFER TO TAG ON PLAN.
- FLOOR MOUNTED TOILET (ANSI 117.1) ADA COMPLIANT IN ACCESSIBLE TYPE A UNITS.
- ANCHORED METAL GRAB BARS PER ANSI A117.1.
- 30" X 60" ANSI 117.1 ADA COMPLIANT ROLL-IN SHOWER W/ FIBERGLASS SURROUND AND BASE.
- SHOWER PAN WITH TILE SURROUND.
- HAND SHOWER WITH 30" LONG HOSE AND ADJUSTABLE HEIGHT MOUNTING BAR. TOP OF HAND SPRAYER @ 48" AFF IN LOWEST POSITION.
- FOLDING SHOWER SEAT PER ANSI A117.1. PROVIDE BLOCKING.
- COUNTERTOP WITH INTEGRAL BOWL SINK AND 4" BACKPLASH.
- SHOWERHEAD AND VALVE. CENTER ON SHOWER PAN. TYP. U.O.N.
- ANCHORED SHOWER CURTAIN ROD. MOUNTED @ 78" A.F.F.
- TOWEL BAR.
- HAND TOWEL BAR.
- TOILET PAPER HOLDER. WHERE ATTACHED TO VANITY BASE, COORDINATE PLACEMENT WITH DRAWERS.
- FRAMED MIRROR. CENTERED ON VANITY U.N.D.
- VANITY LIGHT.
- PROVIDE REQUIRED KNEE AND TOE CLEARANCES PER ANSI 117.1 AT SINK AND WORKSPACE. AS INDICATED BY HATCH AREA. PLUMBING SHALL NOT ENCRUSCH INTO KNEE AND TOE CLEAR AREA. INSULATE EXPOSED PIPES TO PROTECT AGAINST CONTACT.
- ANSI 117.1 ADA COMPLIANT SHOWER VALVE.
- 24" DEEP DSHWASHER. BASIS OF DESIGN: GE MODEL# GDD35SP585
- SHOWER WALL TILE FULL HEIGHT. PROVIDE SCHLUTER SCHEDE ALUMINUM TRIM AT ENDS.
- WASHER AND DRYER WITH PLUMBED WASH PAN. PROVIDE SIDE-BY-SIDE ACCESSIBLE FRONT LOADING WASHER

- AND DRYER ON RISERS AND DRIP PAN IN ACCESSIBLE TYPE A UNITS. BASIS OF DESIGN: GE MODEL# GFW14855AWW
- 51" HESBHW. CART 4535HW
- THRESHOLD WITH BEVEL WHERE REQUIRED FOR FLOOR TRANSITION.
- NOT USED
- ADA COMPLIANT ADJUSTABLE HEIGHT DSHWASHER. BASIS OF DESIGN: GE MODEL# GDT2265L55
- MICROWAVE WITH RECIRCULATING HOOD. BASIS OF DESIGN: GE MODEL# JN43148R55. SEE MECH. DIAGRAMS FOR DUCTED HOOD LOCATIONS.
- ROBE HOOK CENTERED ON DOOR. MOUNT AT 5'-8" A.F.F.
- ACCESSIBLE COUNTERTOP MICROWAVE. BASIS OF DESIGN: GE MODEL# FEP22725L55
- FLUSH FLOOR DRAIN. COORDINATE LOCATION WITH OWNER.
- RECESS SHOWER AS NECESSARY FOR ACCESSIBILITY REQUIREMENTS.
- NOT USED
- NOT USED
- 24" DEEP WALL CABINET. PROVIDE BLOCKING AS REQUIRED IN ORDER TO ALIGN CABINET FACE WITH ADJACENT 24" DEEP VERTICAL PANEL (WHERE APPLICABLE).
- 96" TALL VANITY CABINET WITH FULL CUT SHELVES. DEPTH VARIES - SEE NEW WORK PLAN.
- 25" DEEP MIRROR. REFER TO CABINET CABINET.
- 24" DEEP WALL CABINET.
- 12" DEEP BASE CABINET. ALIGN OUTSIDE FACE OF CABINET WITH ADJACENT CABINETS.
- SURFACE MOUNTED 12" DEEP SHELVES.
- PENDANT LIGHT. REFER TO RCP'S.
- 1 1/8" PANEL FRAME AND OPEN SHELVES. COORDINATE WITH OWNER AND MILLWORK PROVIDER.



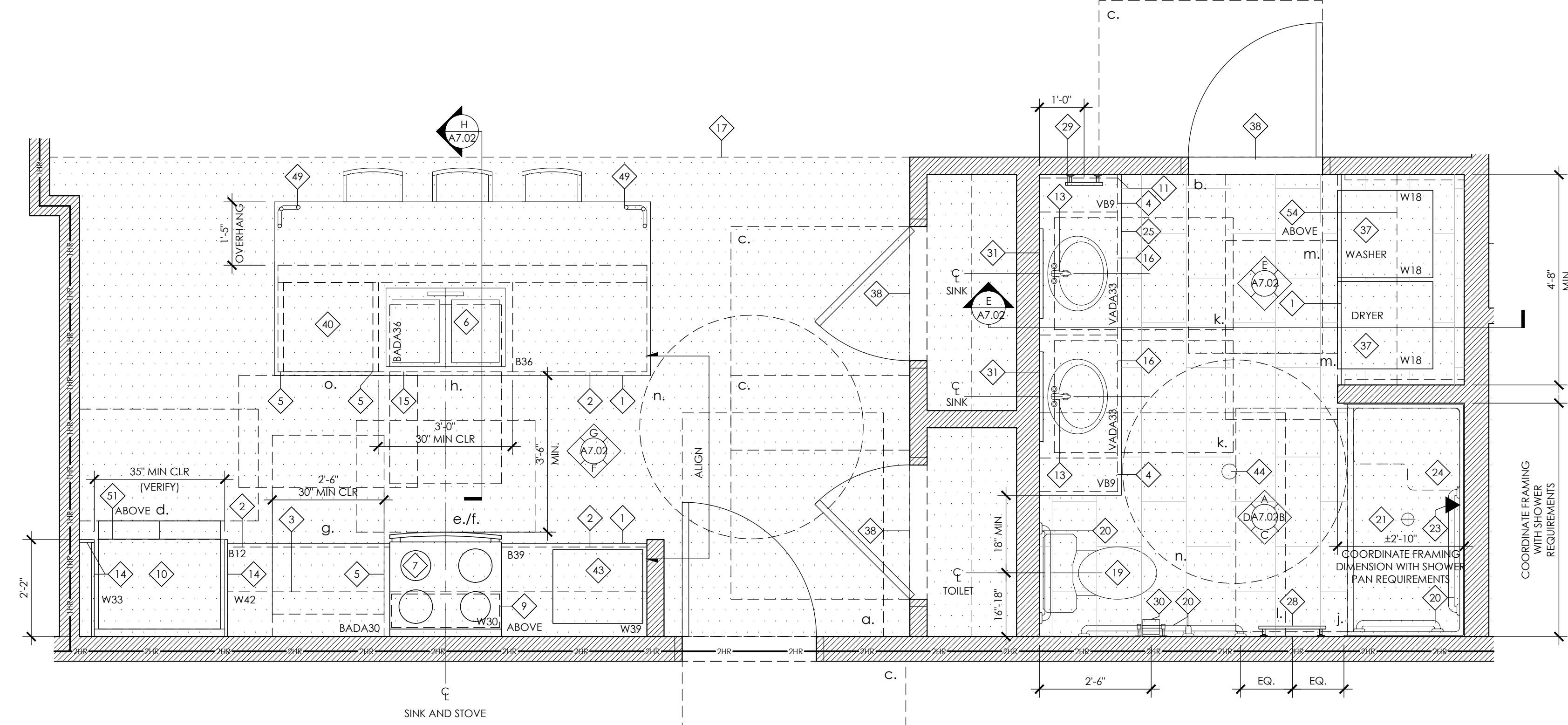
ANSI "TYPE A" ACCESSIBLE 1-BEDROOM UNIT KITCHEN ELEVATIONS (UNIT 309)

1/2" = 1'-0"



ANSI "TYPE A" ACCESSIBLE 1-BEDROOM UNIT BATHROOM ELEVATIONS (UNIT 309)

1/2" = 1'-0"



ANSI "TYPE A" 1-BEDROOM ACCESSIBLE UNIT BATHROOM AND KITCHEN ENLARGED PLAN (UNIT 309)

1/2" = 1'-0"

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ACCESSIBLE UNIT ENLARGED PLANS & INTERIOR ELEVATIONS

A7.02

ENLARGED PLANS AND INTERIOR ELEVATION GENERAL NOTES

- TYPICAL ENLARGED PLANS AND INTERIOR ELEVATIONS ARE FOR REFERENCE ONLY. REFER TO NEW WORK PLANS FOR ADDITIONAL SPECIFIC LAYOUTS INCLUDING CABINET SIZES AND TYPES.
- COORDINATE WALL FRAMING CLEAR DIMENSIONS AT SHOWERS AND BATHS WITH MANUFACTURERS REQUIREMENTS.
- PROVIDE BLOCKING FOR WALL-HUNG ACCESSORIES.
- PROVIDE MOISTURE/MOLD RESISTANT GYP. BOARD WITHIN 4'-0" OF ALL SOURCES OF WATER.
- SEE PLANS FOR WALL TYPES, AND FINISHED CEILING HEIGHTS. CONTRACTOR TO VERIFY ALL FINISHED CEILING HEIGHTS.
- ALL CABINETS, COUNTERTOPS, APPLIANCES, FIXTURES, FINISHES, ACCESSORIES, ETC. TO BE SELECTED BY OWNER AND COORDINATED BY CONTRACTOR. VERIFY ALL DIMENSIONS AND CLEARANCES REQUIRED.
- MEP + PE DESIGN REED AND TO BE COORDINATED BY CONTRACTOR.
- KITCHEN HOODS ARE SHOWN AS RECIRCULATING. CONTRACTOR TO VERIFY WITH OWNER.
- IN ACCESSIBLE DWELLING UNITS, PROVIDE WALL SWITCHES FOR HOOD FAN & HOOD LIGHT IN ACCESSIBLE LOCATIONS OVER COUNTER.
- BASE CABINETS AND WALL CABINETS TO HAVE FINISHED PANELS ON EXPOSED SIDES, TYPICAL.
- CABINET PULLS TO BE ANSI 117.1 COMPLIANT PULLS FOR ALL CABINETS IN TYPE A ACCESSIBLE UNITS.
- SEE FINISH SCHEDULE ON A.D.S. FOR FLOORING AND WALL FINISHES.

ENLARGED PLANS ANS 117.1 ACCESSIBILITY CLEARANCES NOTES [SEE PLANS]

- 60" X 18" MIN. BEYOND LATCH DOOR CLEARANCE ON FULL SIDE (FRONT APPROACH).
- 48" X DOOR WITH DOOR CLEARANCE ON PUSH SIDE (FRONT APPROACH).
- 48" X 24" MIN. BEYOND LATCH DOOR CLEARANCE ON FULL SIDE (LATCH APPROACH).
- 30" X 48" CLEAR FLOOR SPACE AT REFRIGERATOR (SIDE APPROACH).
- 30" X 48" CLEAR FLOOR SPACE AT COOKTOP (SIDE APPROACH).
- 30" X 48" CLEAR FLOOR SPACE ADJACENT TO OVEN DOOR IN OPEN POSITION (SIDE APPROACH).
- 30" X 48" CLEAR FLOOR SPACE AT WORK SPACE (FRONT APPROACH).
- 30" X 48" CLEAR FLOOR SPACE AT KITCHEN SINK (FRONT APPROACH).
- 30" X 48" CLEAR FLOOR SPACE AT ROLL-IN SHOWER.
- 30" X 48" CLEAR FLOOR SPACE AT BATHROOM SINK (FRONT APPROACH).
- 48" X 60" CLEAR FLOOR SPACE AT TOILET.
- 30" X 48" CLEAR FLOOR SPACE.
- 60" DIAMETER TURNING RADIUS.
- 30" X 48" CLEAR FLOOR SPACE AT DSHWASHER (SIDE APPROACH)

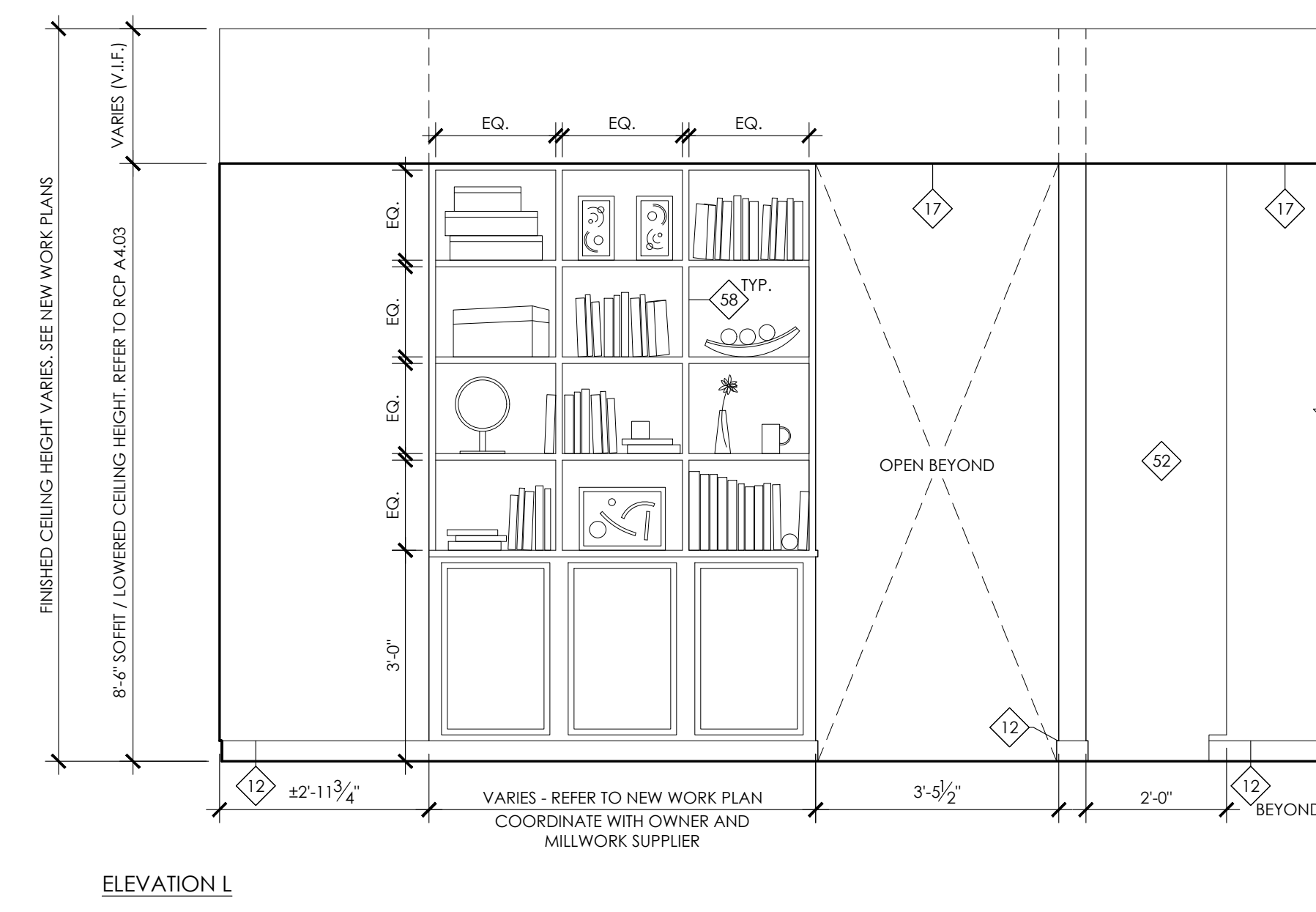
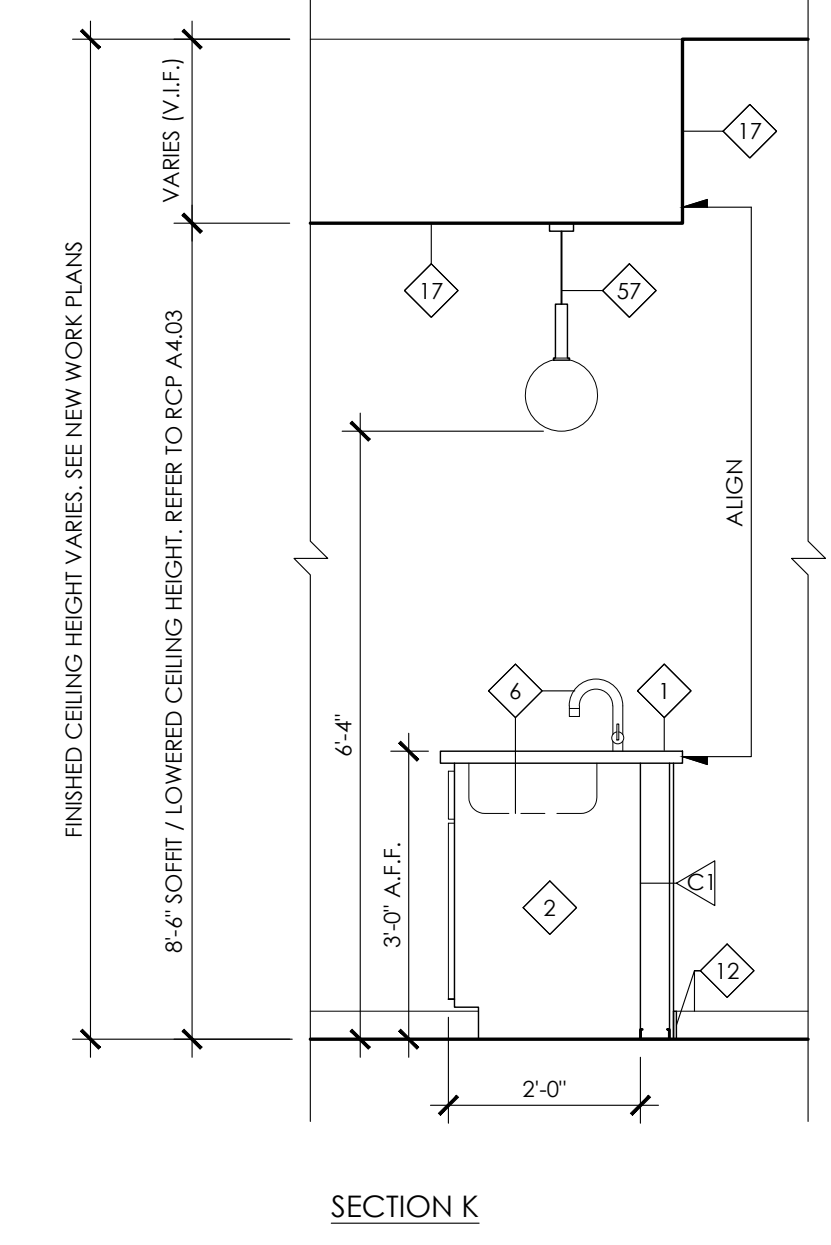
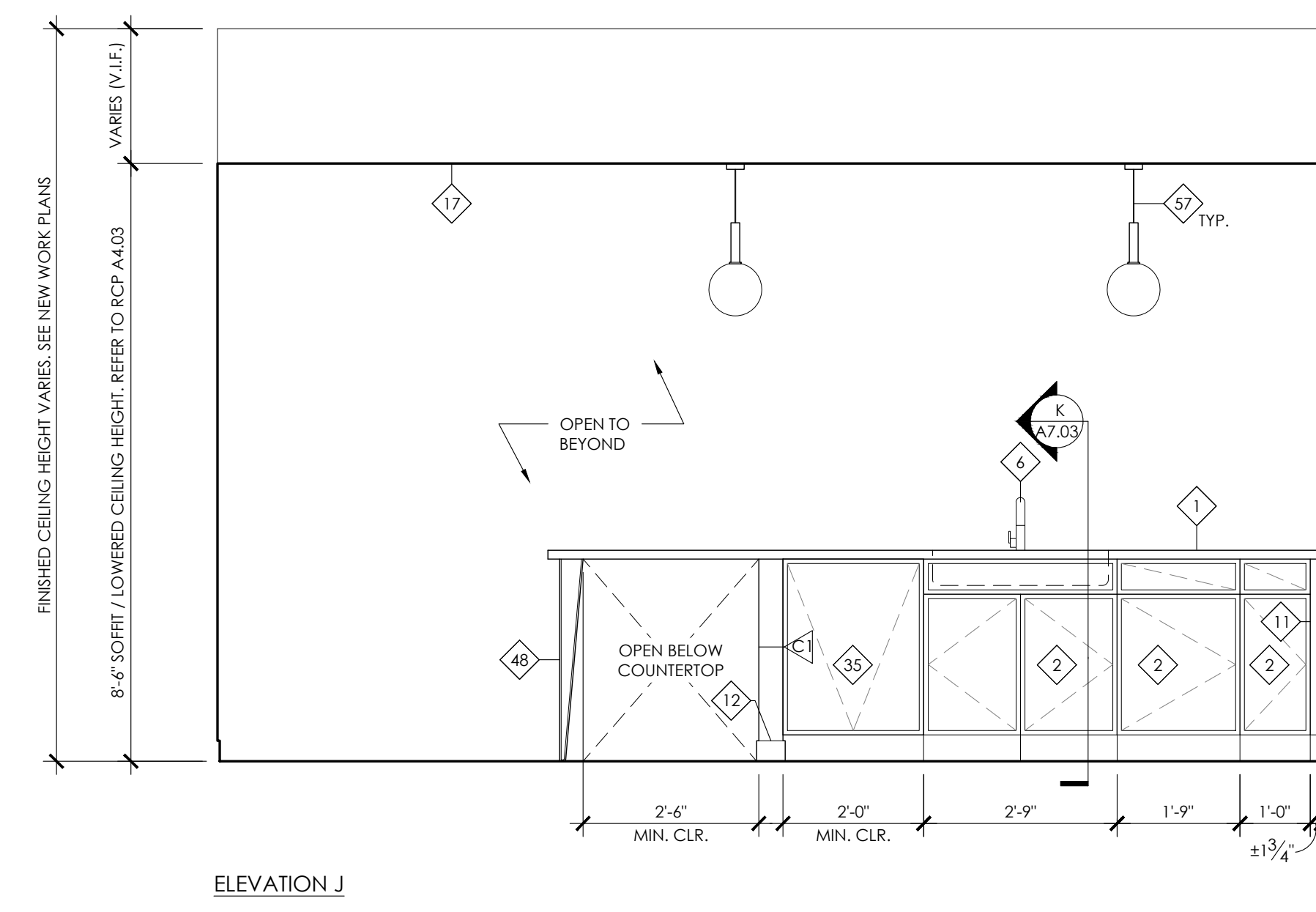
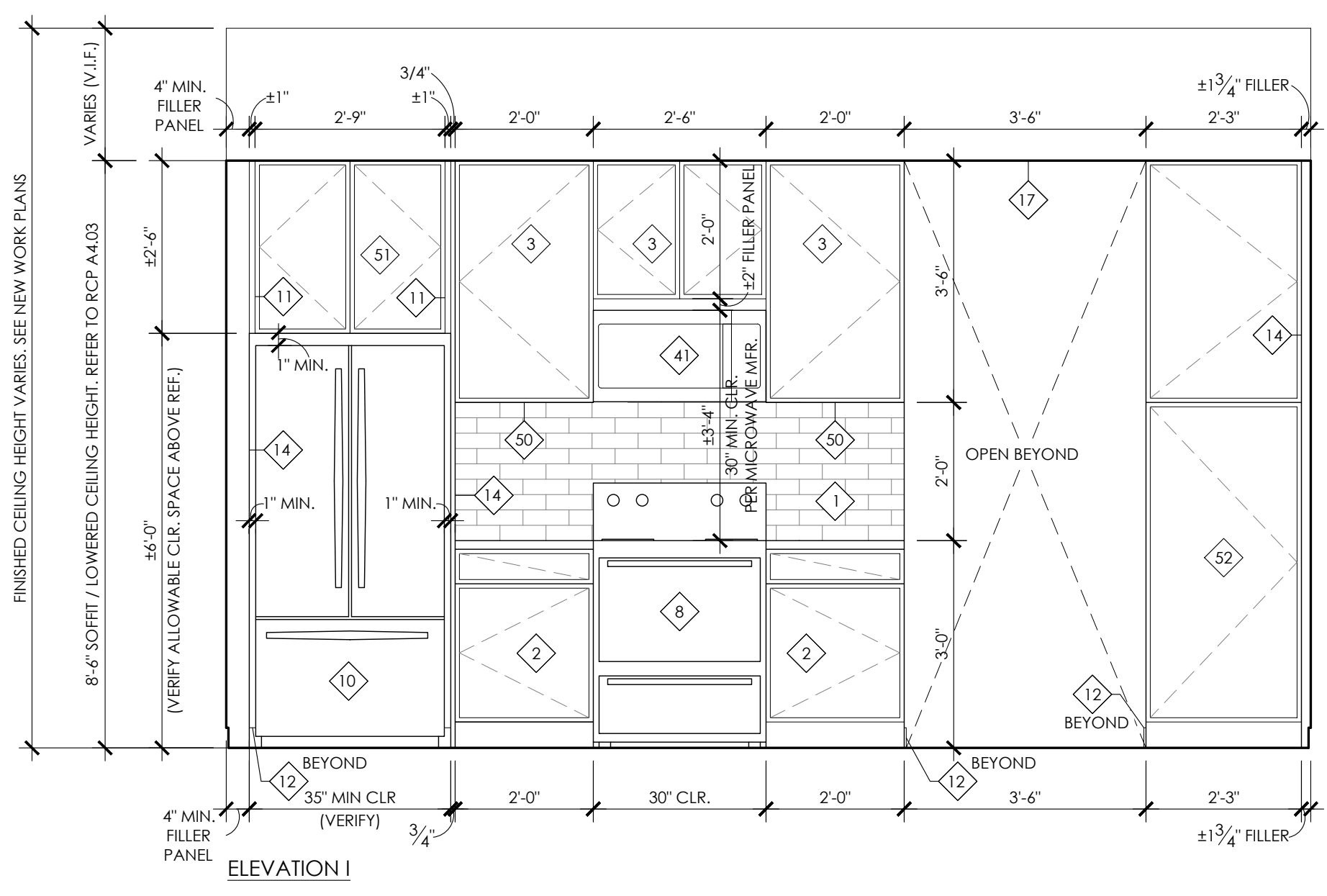
ENLARGED PLANS AND INTERIOR ELEVATION KEYED NOTES

- COUNTERTOP WITH TILE BACKPLASH (WHERE APPLICABLE)
- 24" DEEP BASE CABINETS.
- 12" DEEP WALL CABINETS.
- 21" DEEP VANITY BASE CABINETS.
- 1 1/2" COUNTERTOP SUPPORT PANEL, FINISHED TO MATCH CABINETS.
- KITCHEN SINK WITH GARBAGE DISPOSAL, SINK AND FAUCET IN ACCESSIBLE UNITS SHALL BE ANSI 117.1 COMPLIANT.
- DROP-IN ANSI 117.1 COMPLIANT ELECTRIC RANGE, BASIS OF DESIGN: GE MODEL# JDB4835F
- ELECTRIC RANGE, BASIS OF DESIGN: GE MODEL# JB648R35
- RANGE HOOD, IN ACCESSIBLE UNITS PROVIDE WALL SWITCHES FOR HOOD FAN AND HOOD LIGHT.
- BASE OF DESIGN: GE MODEL# JYK33555S
- REFRIGERATOR, ANSI 117.1 / ADA COMPLIANT IN ACCESSIBLE UNITS, BASIS OF DESIGN: GE MODEL# GYE18J1FLFS
- PROVIDE FILLER PANEL TO MATCH CABINET FINISH.
- WALL BASE, SEE FINISH SCHEDULE ON A.D.S.
- VANITY FAUCET AT VANITY SINK, PROVIDE ANSI 117.1 / ADA COMPLIANT LEVER HANDLE IN ACCESSIBLE TYPE A UNITS.
- 3/4" FINISH PANEL TO MATCH CABINETS.
- 24" DEEP WALL-HUNG ANSI 117.1 / ADA COMPLIANT SINK CABINET WITH REMOVABLE PANEL W/ CLIPS.
- 21" DEEP WALL-HUNG ANSI 117.1 / ADA COMPLIANT VANITY CABINET WITH REMOVABLE PANEL W/ CLIPS.
- DIPSUM BOARD SOFFIT (LOWERED CEILING).
- 24" DEEP AND 96" TALL LINEN CABINET, WIDTH VARIES - REFER TO TAG ON PLAN.
- FLOOR MOUNTED TOILET (ANSI 117.1) / ADA COMPLIANT IN ACCESSIBLE TYPE A UNITS.

- ANCHORED METAL GRAB BARS PER ANSI A117.1.
- 30" X 60" ANSI 117.1 / ADA COMPLIANT ROLL-IN SHOWER W/ FIBERGLASS SURROUND AND BASE.
- SHOWER PAN WITH TILE SURROUND.
- HAND SHOWER WITH 5'0" LONG HOSE AND ADJUSTABLE HEIGHT MOUNTING BAR, TOP OF HAND SPRAYER @ 48" AFF IN LOWEST POSITION.
- FOLDING SHOWER SEAT PER ANSI A117.1.
- PROVIDE BLOCKING.
- COUNTERTOP WITH INTEGRAL BOWL SINK AND 4" BACKPLASH.
- SHOWER HEAD AND VALVE, CENTER ON SHOWER PAN TYP. U.O.N.
- ANCHORED SHOWER CURTAIN ROD, MOUNTED @ 78" A.F.F.
- TOWEL BAR.
- HAND TOWEL BAR.
- TOILET PAPER HOLDER, WHERE ATTACHED TO VANITY BASE, COORDINATE PLACEMENT WITH DRAWERS.
- FRAMES/MIRROR, CENTERED ON VANITY (U.N.D.)
- VANITY LIGHT.
- PROVIDE REQUIRED KNEE AND TOE CLEARANCE PER ANSI 117.1 AT SINK AND WORKSPACE, AS INDICATED BY HATCH AREA. PLUMBING SHALL NOT ENCRUMBER KNEE AND TOE CLEAR AREA. INSULATE EXPOSED PIPES TO PROTECT AGAINST CONTACT.
- ANSI 117.1 / ADA COMPLIANT SHOWER VALVE.
- 24" DEEP DSHWASHER, BASIS OF DESIGN: GE MODEL# GDD3355R35S
- SHOWER WALL TILE FULL HEIGHT, PROVIDE SCHLUSER SCHEME ALUMINUM TRIM AT ENDS.
- WASHER AND DRYER WITH PLUMBED WASHER PAN, PROVIDE SIDE-BY-SIDE ACCESSIBLE FRONT LOADING WASHER

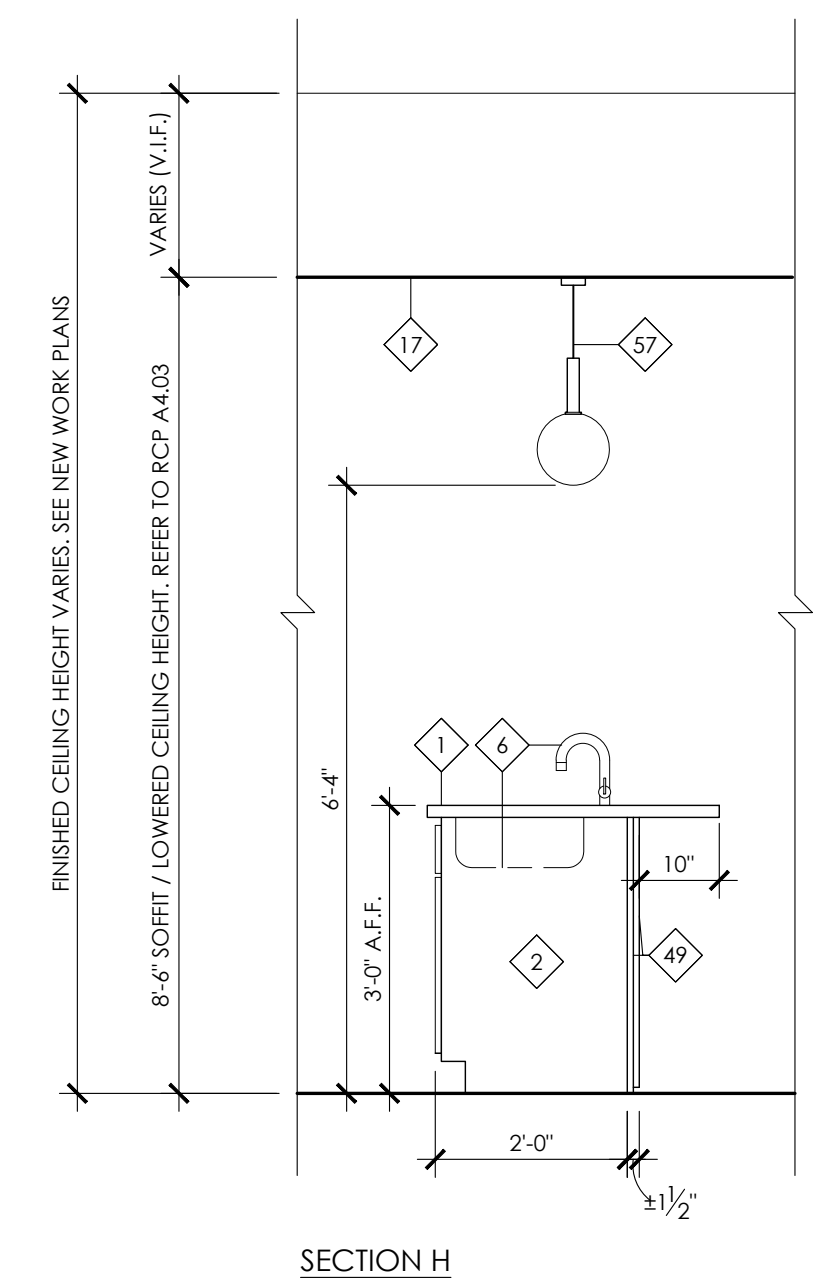
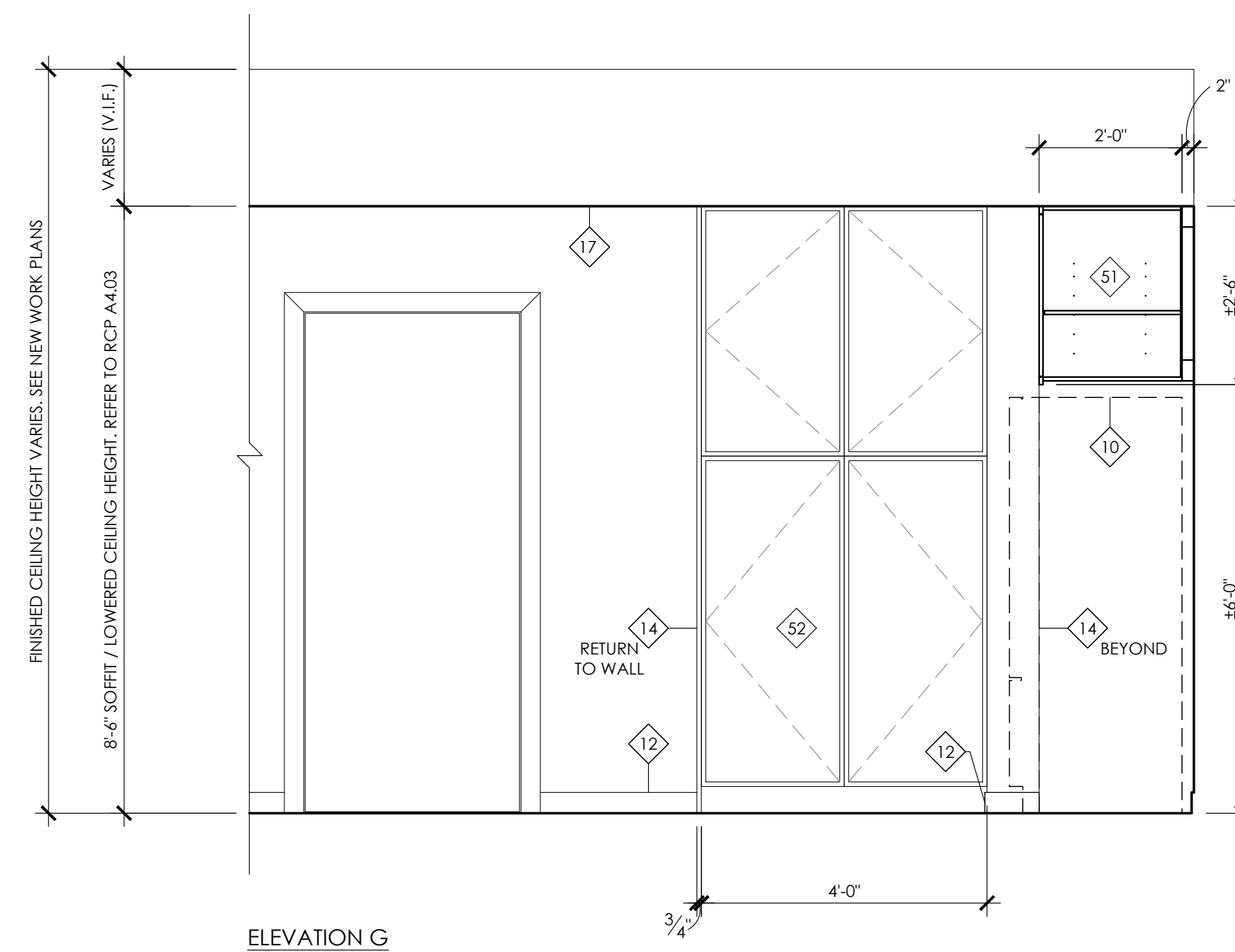
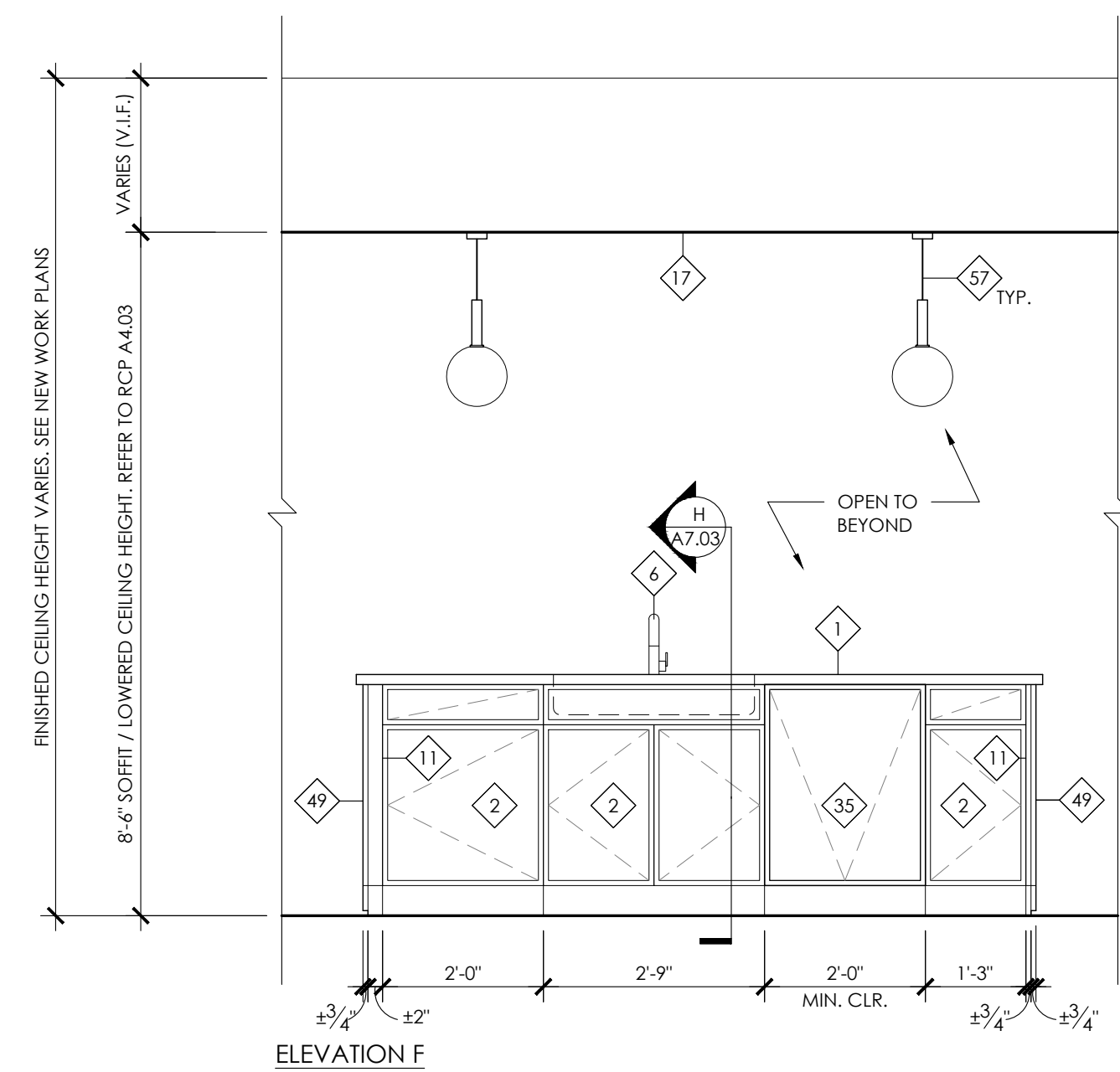
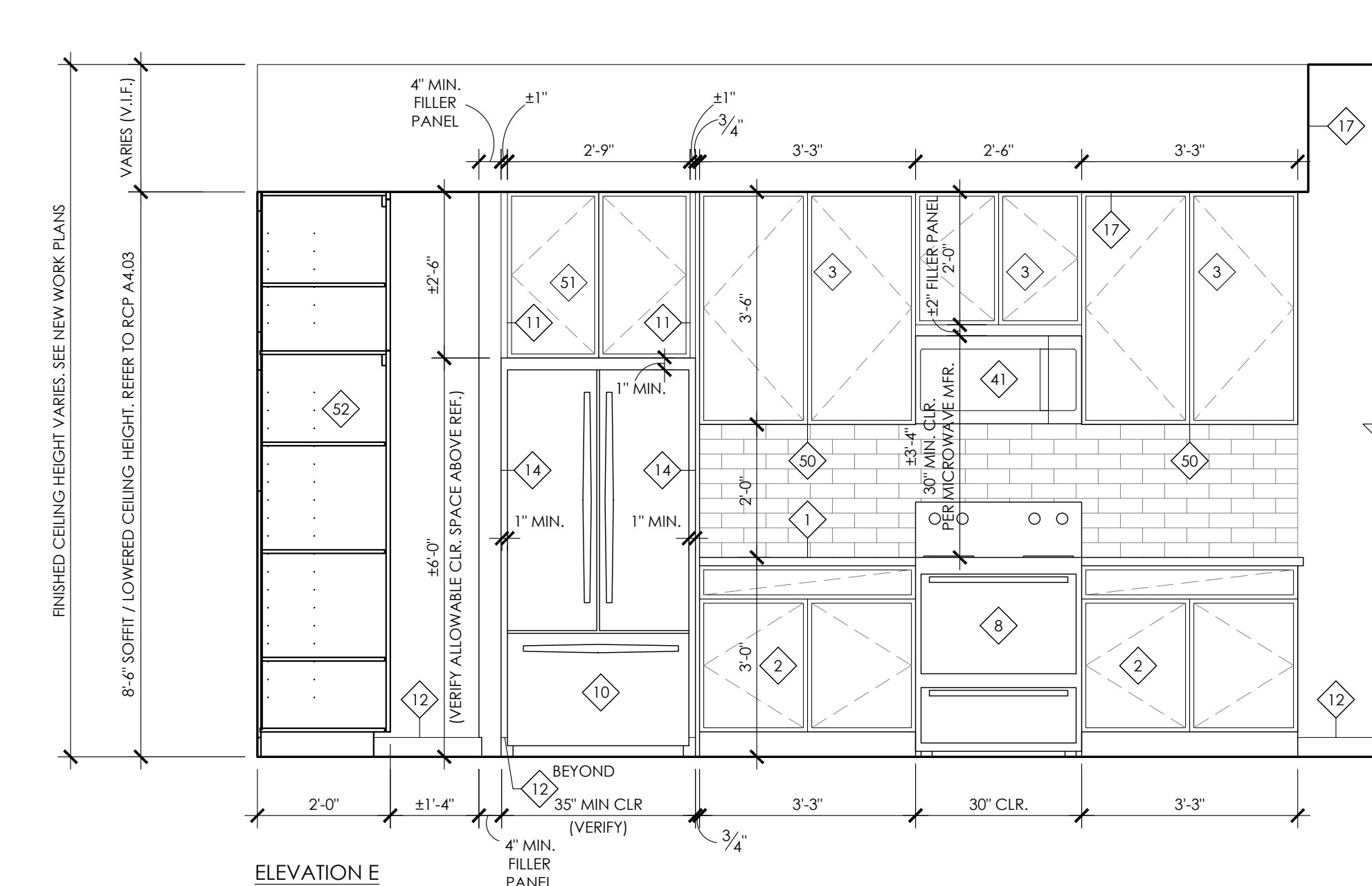
- AND DRYER ON RISERS AND DRIP PAN IN ACCESSIBLE TYPE A UNITS, BASIS OF DESIGN: GE MODEL# GFW14855ANWW GFI MESH/STAIN. GRAY 4533RHW
- THRESHOLD WITH BEVEL WHERE REQUIRED FOR FLOOR TRANSITION.
- NOT USED
- ADA COMPLIANT ADJUSTABLE HEIGHT DSHWASHER, BASIS OF DESIGN: GE MODEL# GDD22655S
- MICROWAVE WITH RECIRCULATING HOOD, BASIS OF DESIGN: GE MODEL# JRM3148R35S. SEE MECH. DIAGRAMS FOR DUCTED HOOD LOCATIONS.
- ROBE HOOK CENTERED ON DOOR, MOUNT AT 5'-8" A.F.F.
- ACCESSIBLE COUNTERTOP MICROWAVE, BASIS OF DESIGN: GE MODEL# FE327255S
- FLUSH FLOOR DRAIN, COORDINATE LOCATION WITH OWNER.
- SEE SHOWER AS NECESSARY FOR ACCESSIBILITY REQUIREMENTS.
- NOT USED
- NOT USED
- COUNTERTOP SUPPORT LEGS
- FINISHED PANEL TO MATCH CABINETS, PROVIDE 3/4" BEVEL AT BOTTOM OF EXPOSED PANEL.
- UNDER CABINET LIGHT.
- 24" DEEP WALL CABINET, PROVIDE BLOCKING AS REQUIRED IN ORDER TO ALIGN CABINET FACE WITH ADJACENT 24" DEEP VERTICAL PANEL (WHERE APPLICABLE).
- TALL PANNY CABINET WITH FULL OUT SHELVES, DEPTH VARIES - SEE NEW WORK PLAN.
- 24" DEEP WALL CABINET, PROVIDE BLOCKING AS REQUIRED IN ORDER TO ALIGN CABINET FACE WITH ADJACENT 24" DEEP WALL CABINET.
- 24" DEEP WALL CABINET, ALIGN OUTSIDE FACE OF CABINET WITH ADJACENT CABINETS.

- SURFACE MOUNTED 12" DEEP SHELVES.
- PENDANT LIGHT, REFER TO RCP'S.
- 1 1/8" PANEL FRAME AND OPEN SHELVES, COORDINATE WITH OWNER AND MILLWORK PROVIDER.

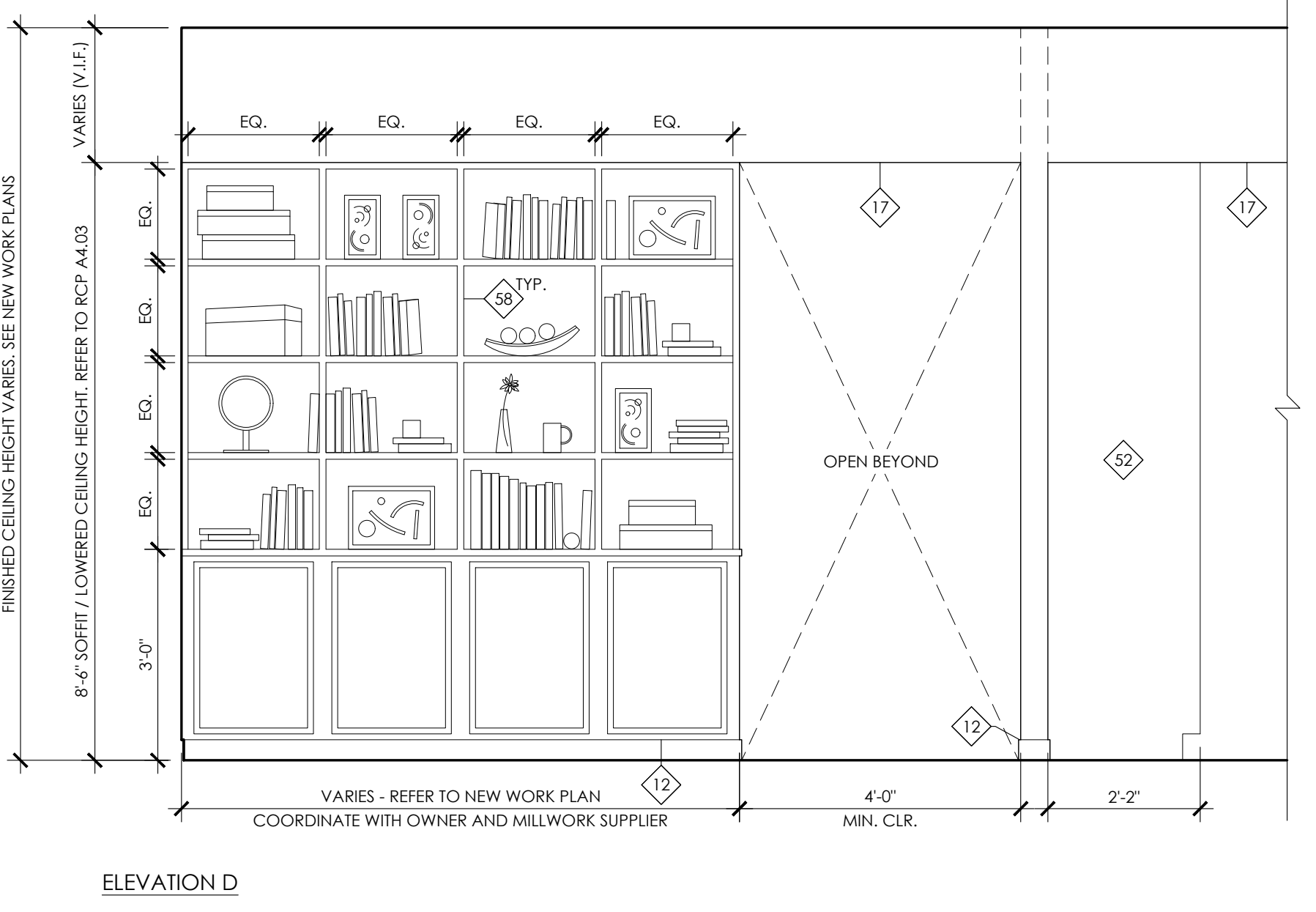
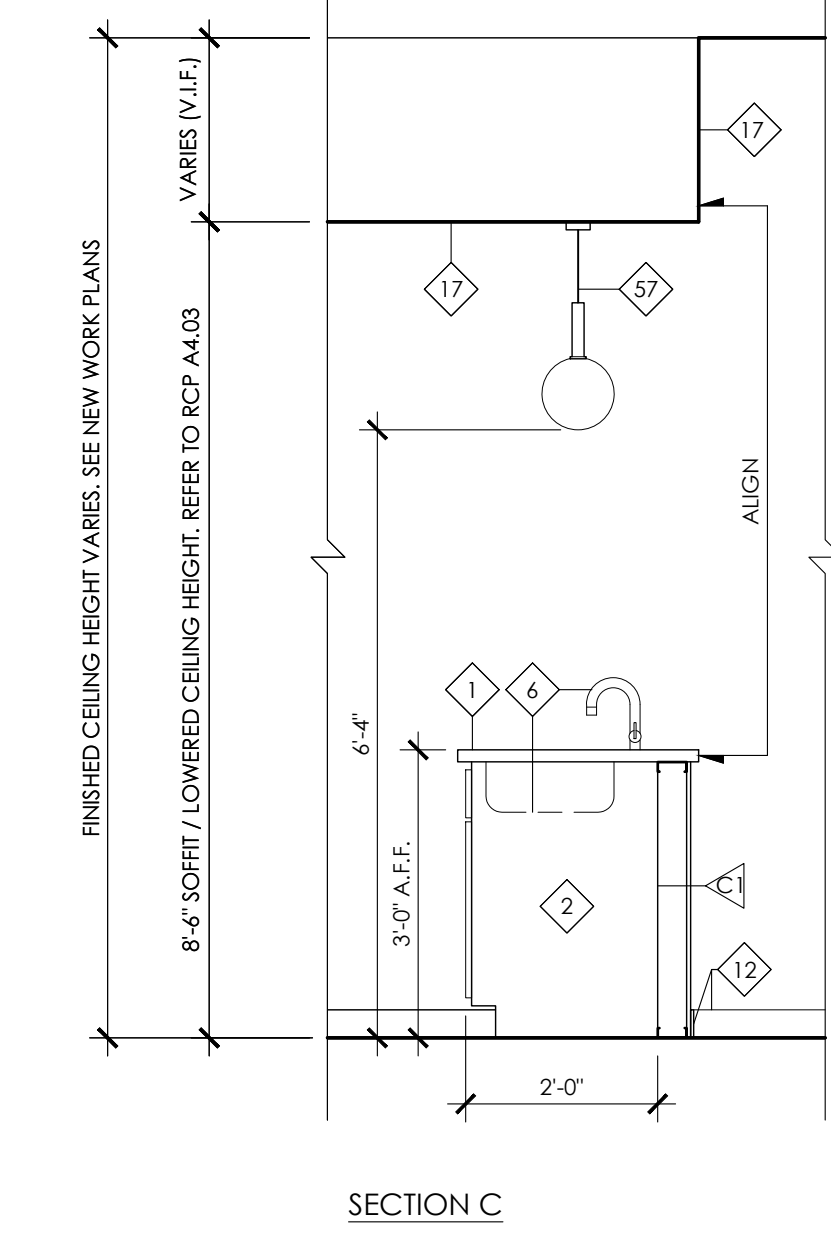
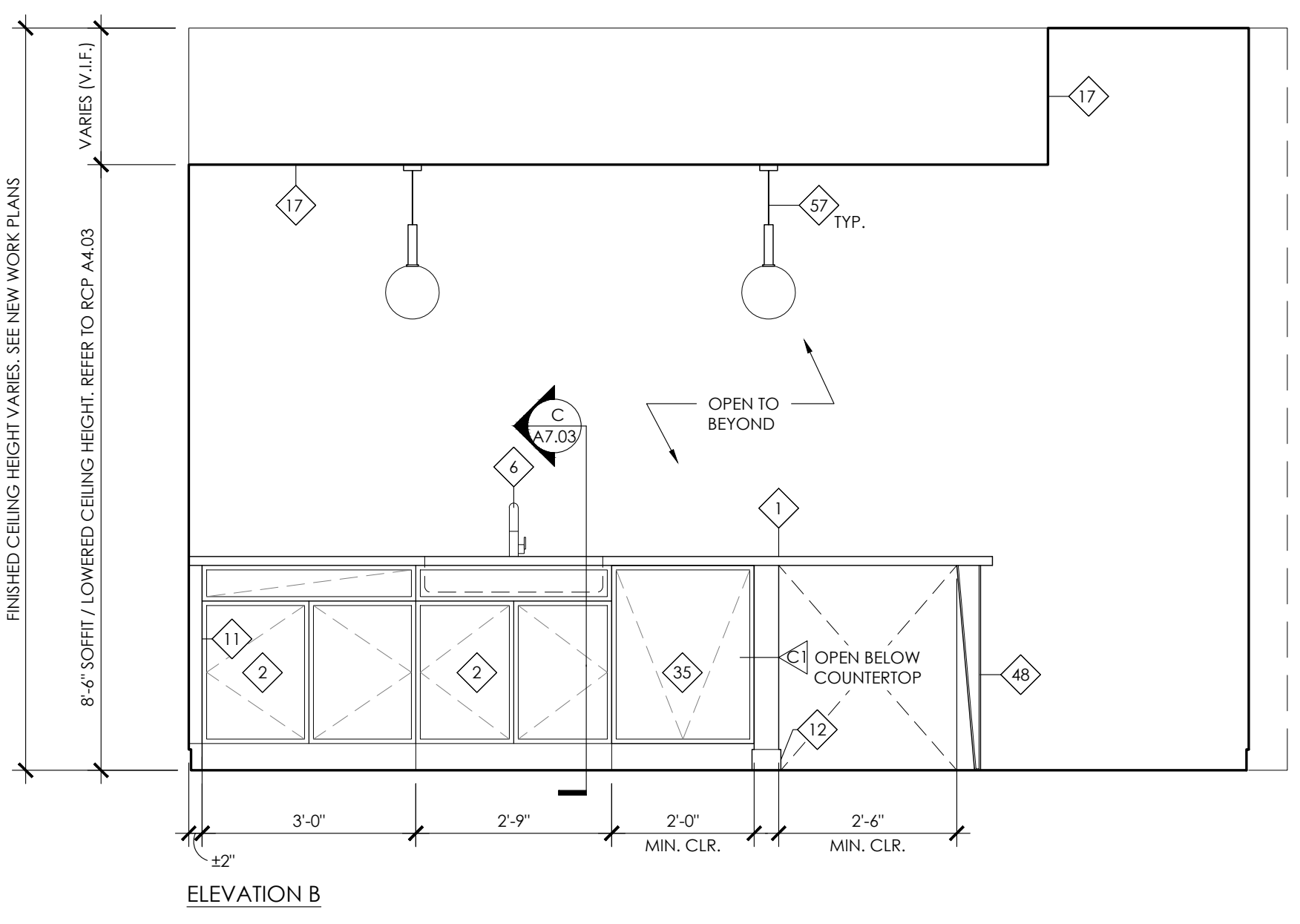
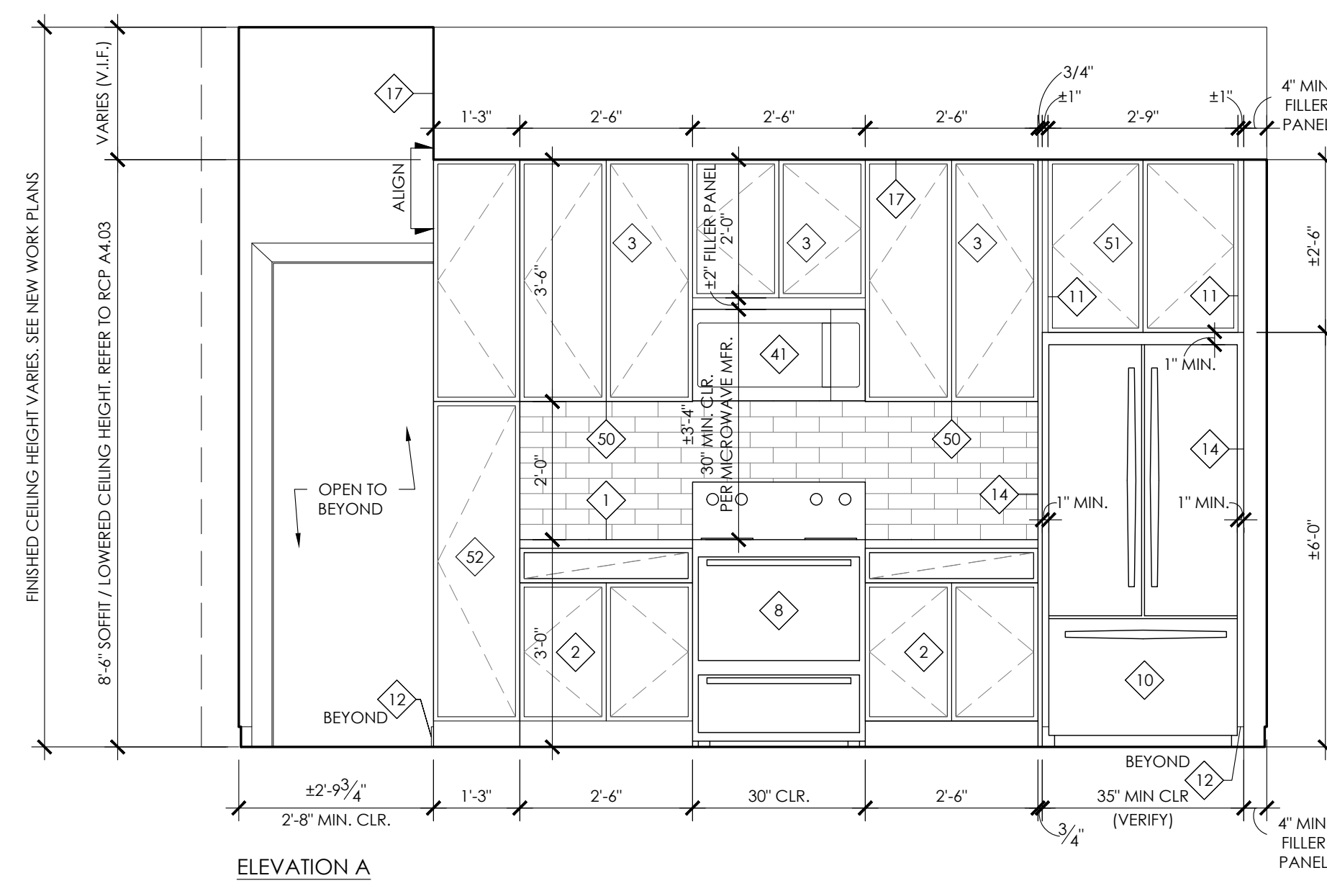


UNIT 303 - KITCHEN ELEVATIONS
(UNITS 305, 403, 405, 503, 505, 603, 605, 703, 705, 803, 805, 903, 905, 1003, 1005 SIMILAR)

UNIT 303 - BUILT-IN SHELVING ELEVATION (UNITS 305, 403, 405, 503, 505, 603, 605, 703, 705, 803, 805, 903, 905, 1003, 1005 SIMILAR)



UNIT 302 - KITCHEN ELEVATIONS
(UNITS 304, 402, 404, 502, 504, 602, 604, 702, 704, 802, 804, 902, 904, 1002, 1004 SIMILAR)



UNIT 301 - KITCHEN ELEVATIONS
(UNITS 401, 501, 601, 701, 801, 901, 1001 SIMILAR)

UNIT 301 - BUILT IN SHELVING ELEVATION
(UNITS 401, 501, 601, 701, 801, 901, 1001 SIMILAR)

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TYPICAL UNIT INTERIOR ELEVATIONS

A7.03

ENLARGED PLANS AND INTERIOR ELEVATION GENERAL NOTES

- TYPICAL ENLARGED PLANS AND INTERIOR ELEVATIONS ARE FOR REFERENCE ONLY. REFER TO NEW WORK PLANS FOR ADDITIONAL SPECIFIC LAYOUTS INCLUDING CABINET SIZES AND TYPES.
- COORDINATE WALL FRAMING CLEAR DIMENSIONS AT SHOWERS AND BATHROOMS WITH MANUFACTURERS REQUIREMENTS.
- PROVIDE BLOCKING FOR WALL-HUNG ACCESSORIES.
- PROVIDE MOISTURE/ MOLD RESISTANT GYP. BOARD WITHIN 4'-0" OF ALL SOURCES OF WATER.
- SEE PLANS FOR WALL TYPES, AND FINISHED CEILING HEIGHTS. CONTRACTOR TO VERIFY ALL FINISHED CEILING HEIGHT DIMENSIONS.
- ALL CABINERY, COUNTERTOPS, APPLIANCES, FIXTURES, FINISHES, ACCESSORIES, ETC. TO BE SELECTED BY OWNER AND COORDINATED BY CONTRACTOR. VERIFY ALL DIMENSIONS AND CLEARANCES REQUIRED.**
- MEP #4 DESIGN-BUILD AND TO BE COORDINATED BY CONTRACTOR.
- KITCHEN HOODS ARE SHOWN AS RECIRCULATING. CONTRACTOR TO VERIFY WITH OWNER.
- IN ACCESSIBLE DWELLING UNITS, PROVIDE WALL SWITCHES FOR HOOD FAN & HOOD LIGHT IN ACCESSIBLE LOCATIONS OVER COUNTER.
- BASE CABINETS AND WALL CABINETS TO HAVE FINISHED PANELS ON EXPOSED SIDES. TYPICAL CABINET PULLS TO BE ANSI 117.1 ADA COMPLIANT PULLS FOR ALL CABINERY IN TYPE A ACCESSIBLE UNITS.
- SEE FINISH SCHEDULE ON A.S. FOR FLOORING AND WALL FINISHES.

ENLARGED PLANS ANS 117.1 ACCESSIBILITY CLEARANCES NOTES [SEE PLANS]

- 40" X 18" MIN. BEYOND LATCH DOOR CLEARANCE ON FULL SIDE (FRONT APPROACH).
- 48" X DOOR WITH DOOR CLEARANCE ON PUSH SIDE (FRONT APPROACH).
- 48" X 24" MIN. BEYOND LATCH DOOR CLEARANCE ON FULL SIDE (LATCH APPROACH).
- 30" X 48" CLEAR FLOOR SPACE AT REFRIGERATOR (SIDE APPROACH).
- 30" X 48" CLEAR FLOOR SPACE AT COOKTOP (SIDE APPROACH).
- 30" X 48" CLEAR FLOOR SPACE ADJACENT TO OVEN DOOR IN OPEN POSITION (SIDE APPROACH).
- 30" X 48" CLEAR FLOOR SPACE AT WORK SPACE (FRONT APPROACH).
- 30" X 48" CLEAR FLOOR SPACE AT KITCHEN COUNTER (FRONT APPROACH).
- 30" X 48" CLEAR FLOOR SPACE AT ROLL-IN SHOWER.
- 30" X 48" CLEAR FLOOR SPACE AT BATHROOM SINK (FRONT APPROACH).
- 48" X 60" CLEAR FLOOR SPACE AT TOILET.
- 30" X 48" CLEAR FLOOR SPACE.
- 42" DIAMETER TURNING RADIUS.
- 30" X 48" CLEAR FLOOR SPACE AT DISHWASHER (SIDE APPROACH).

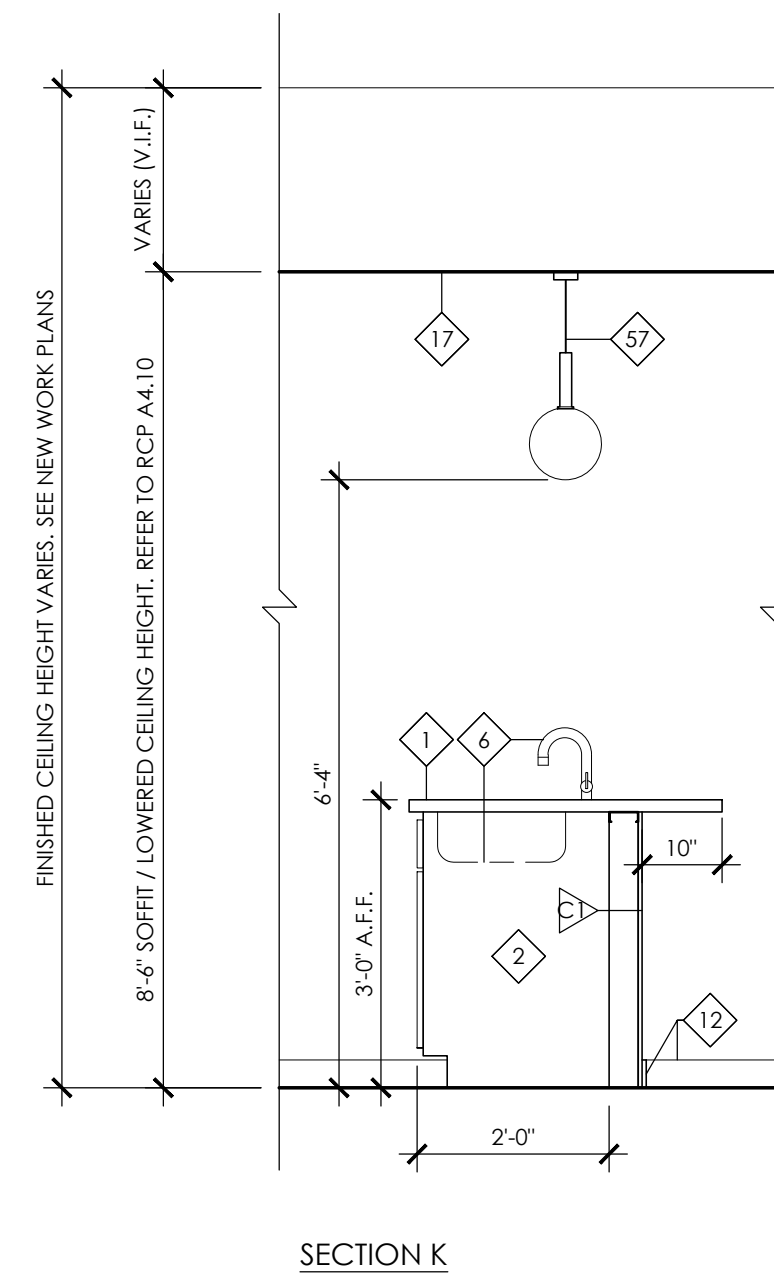
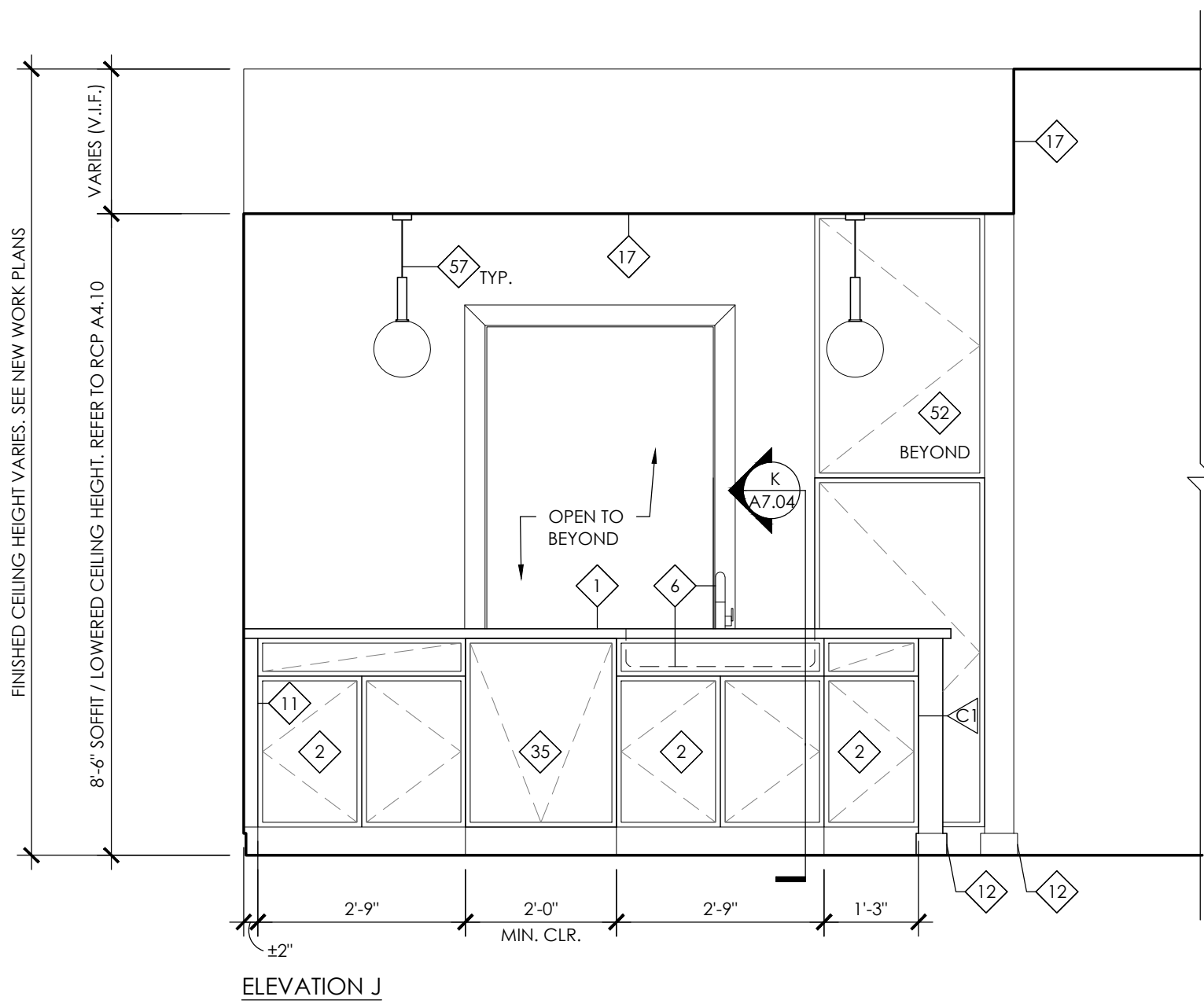
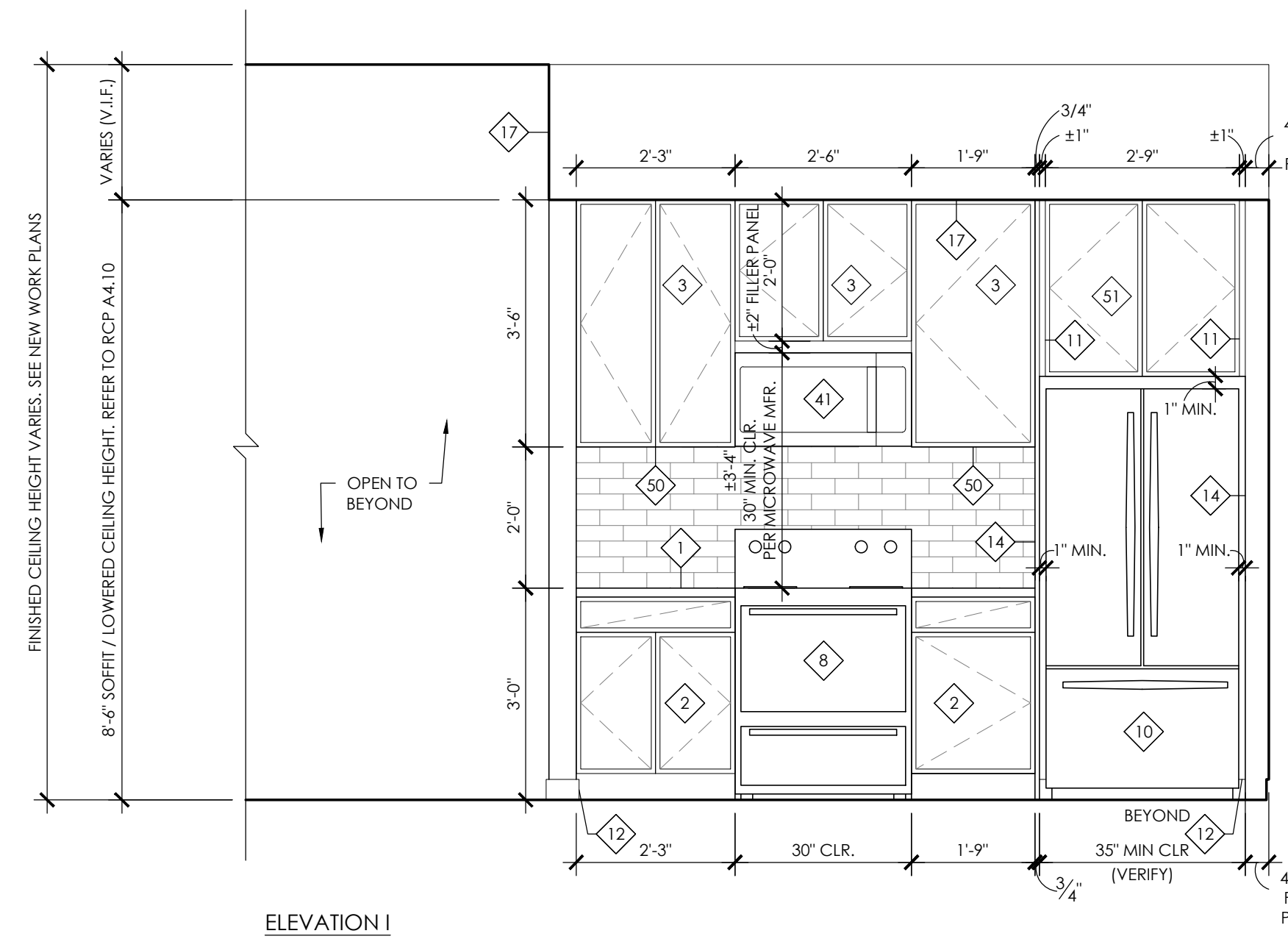
ENLARGED PLANS AND INTERIOR ELEVATION KEYED NOTES

- COUNTERTOP WITH TILE BACKPLASH (WHERE APPLICABLE)
- 24" DEEP BASE CABINETS.
- 12" DEEP WALL CABINETS.
- 21" DEEP VANITY BASE CABINETS.
- 1 1/2" COUNTERTOP SUPPORT PANEL. FINISHED TO MATCH CABINETS.
- KITCHEN SINK WITH GARBAGE DISPOSAL. SINK AND FAUCET IN ACCESSIBLE UNITS SHALL BE ANSI 117.1 COMPLIANT.
- DROP-IN ANSI 117.1 COMPLIANT ELECTRIC RANGE. BASIS OF DESIGN: GE MODEL# JDB305F
- ELECTRIC RANGE. BASIS OF DESIGN: GE MODEL# JB648R55
- RANGE HOOD. IN ACCESSIBLE UNITS PROVIDE WALL SWITCHES FOR HOOD FAN AND HOOD LIGHT.
- REFRIGERATOR. ANSI 117.1 ADA COMPLIANT IN ACCESSIBLE UNITS. BASIS OF DESIGN: GE MODEL# GT1E1B1UFS
- PROVIDE FILLER PANEL TO MATCH CABINET FINISH.
- WALL BASE. SEE FINISH SCHEDULE ON A.S.
- VANITY FAUCET AT VANITY SINK. PROVIDE ANSI 117.1 ADA COMPLIANT LEVER HANDLE IN ACCESSIBLE TYPE A UNITS.
- 3/4" FINISH PANEL TO MATCH CABINETS.
- 24" DEEP WALL-HUNG ANSI 117.1 ADA COMPLIANT SINK CABINET WITH REMOVABLE PANEL W/ CLIPS.
- 21" DEEP WALL-HUNG ANSI 117.1 ADA COMPLIANT VANITY CABINET WITH REMOVABLE PANEL W/ CLIPS.
- GYPSUM BOARD SOFFIT / LOWERED CEILING.
- 24" DEEP AND 96" TALL LINEN CABINET. WIDTH VARIES - REFER TO TAG ON PLAN.
- FLOOR MOUNTED TOILET (ANSI 117.1) ADA COMPLIANT IN ACCESSIBLE TYPE A UNITS.

- ANCHORED METAL GRAB BARS PER ANSI A117.1.
- 30" X 60" ANSI 117.1 ADA COMPLIANT ROLL-IN SHOWER W/ FIBERGLASS SURROUND AND BASE.
- SHOWER PAN WITH TILE SURROUND.
- HAND SHOWER WITH 5'9" LONG HOSE AND ADJUSTABLE HEIGHT MOUNTING BAR. TOP OF HAND SPRAYER @ 48" AFF IN LOWEST POSITION.
- FOLDING SHOWER SEAT PER ANSI A117.1. PROVIDE BLOCKING.
- COUNTERTOP WITH INTEGRAL BOWL SINK AND 4" BACKPLASH.
- SHOWER HEAD AND VALVE. CENTER ON SHOWER PAN. TYP. U.O.N.
- ANCHORED SHOWER CURTAIN ROD. MOUNTED @ 78" A.F.F.
- TOWEL BAR.
- HAND TOWEL BAR.
- TOILET PAPER HOLDER. WHERE ATTACHED TO VANITY BASE, COORDINATE PLACEMENT WITH DRAWERS.
- FRAMED MIRROR. CENTERED ON VANITY U.N.O.
- VANITY LIGHT.
- PROVIDE REQUIRED KNEE AND TOE CLEARANCES PER ANSI 117.1 AT SINK AND WORKSPACE. AS INDICATED BY HATCH AREA. PLUMBING SHALL NOT ENCRUMBER KNEE AND TOE CLEAR AREA. INSULATE EXPOSED PIPES TO PROTECT AGAINST CONTACT.
- ANSI 117.1 ADA COMPLIANT SHOWER VALVE.
- 24" DEEP DISHWASHER. BASIS OF DESIGN: GE MODEL# GDD35SP585
- SHOWER WALL TILE (FULL HEIGHT). PROVIDE SCHLITZER SCHEME ALUMINUM TRIM AT ENDS.
- WASHER AND DRYER WITH PLUMBED WASHER PAN. PROVIDE SIDE-BY-SIDE ACCESSIBLE FRONT LOADING WASHER

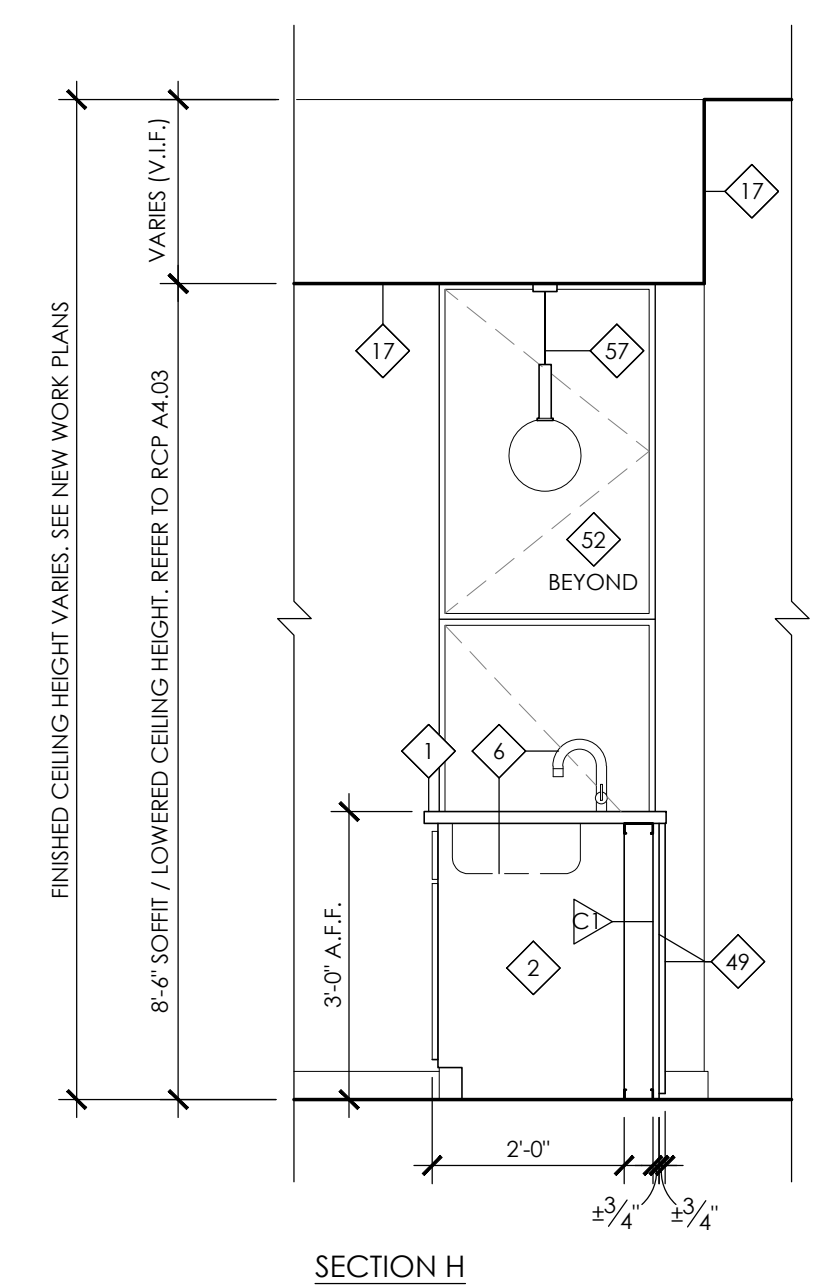
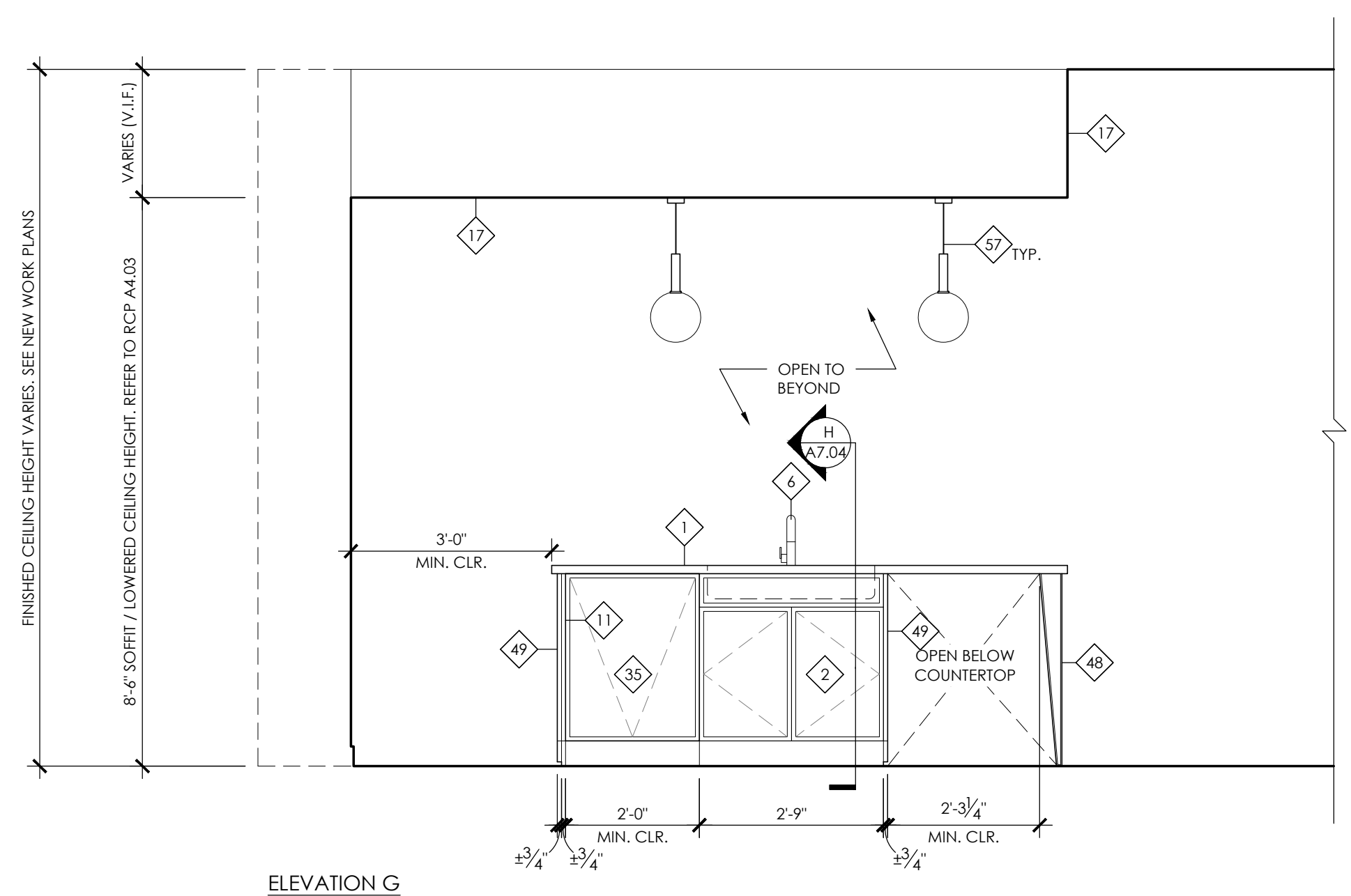
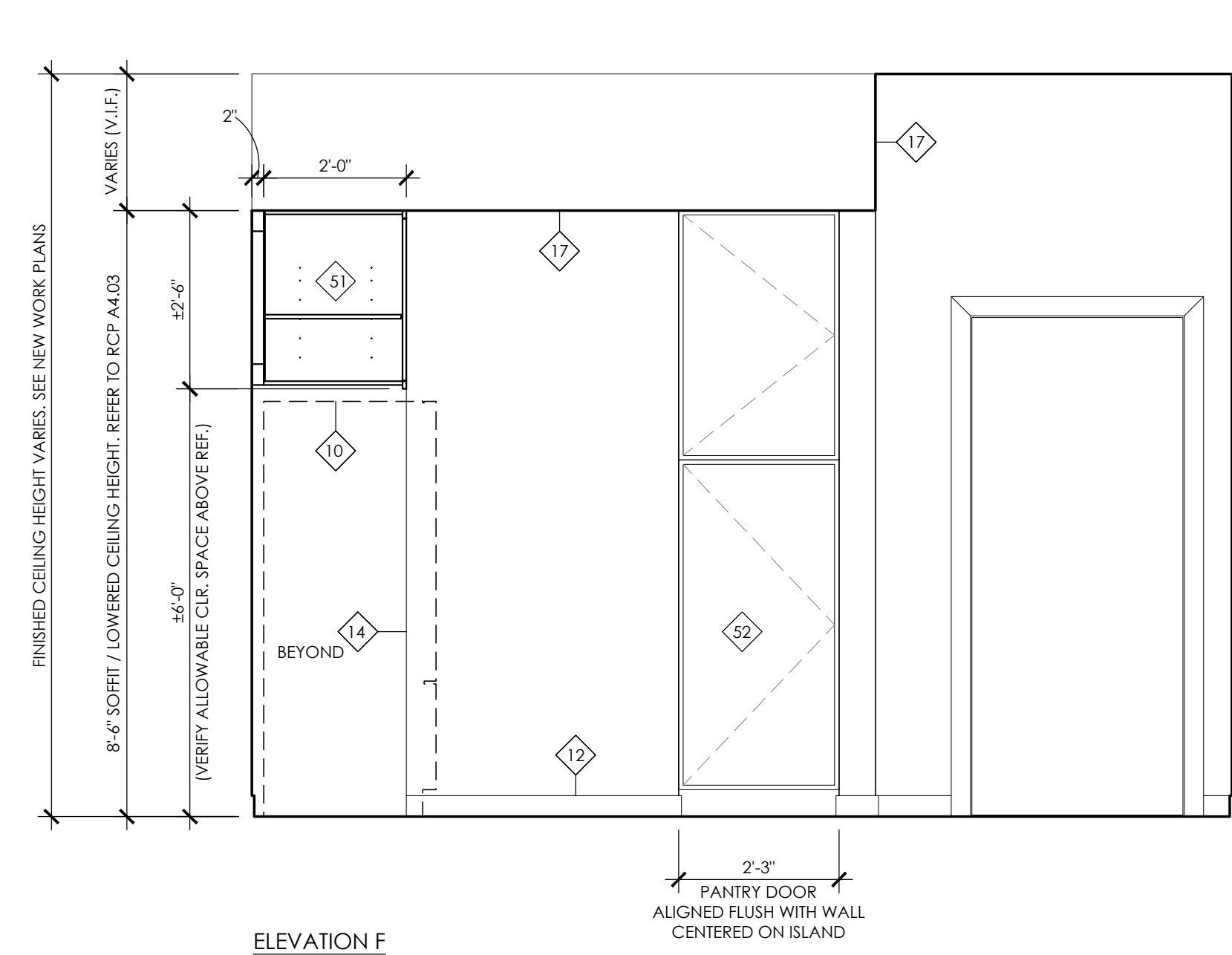
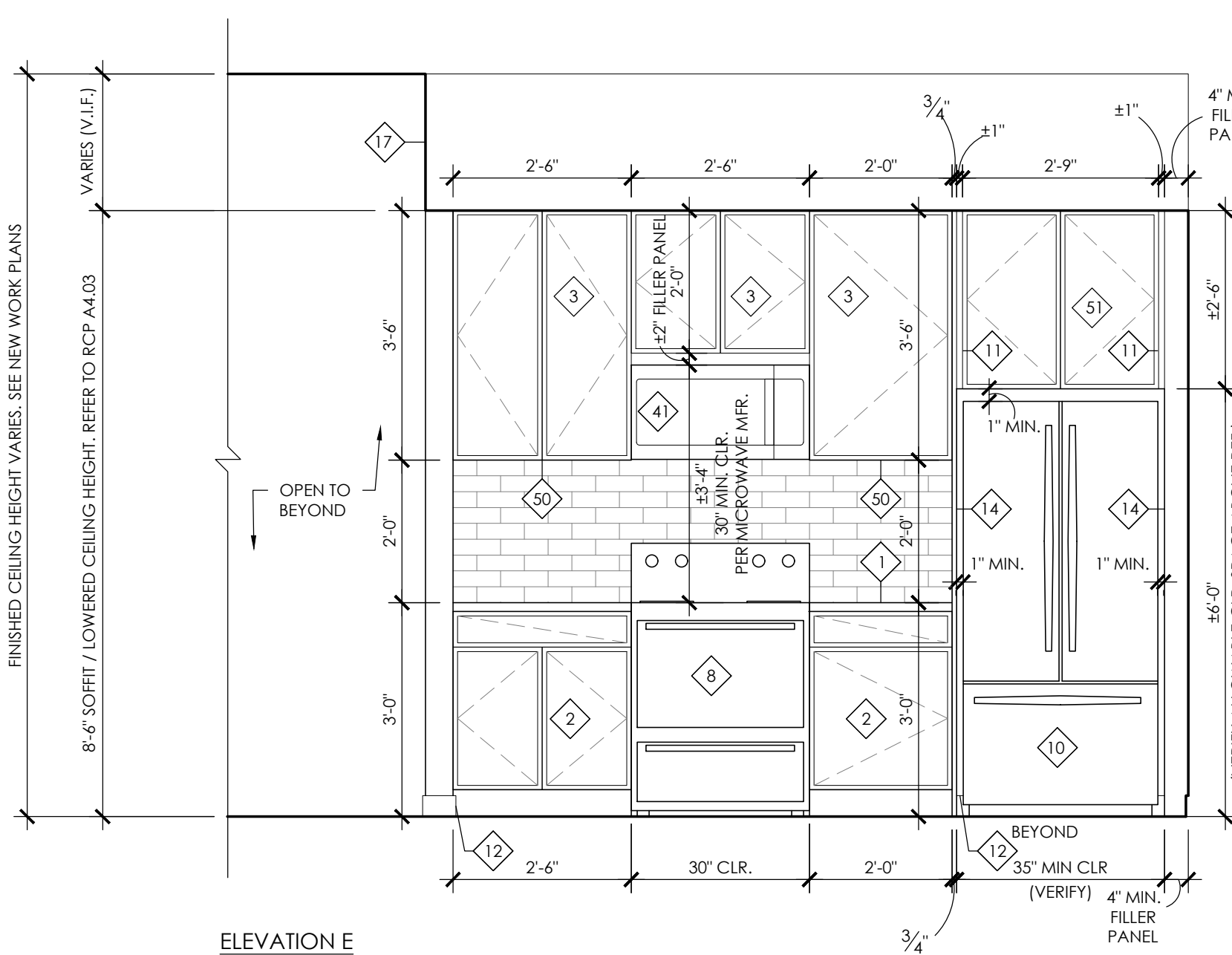
- AND DRYER ON RISERS AND DRIP PAN IN ACCESSIBLE TYPE A UNITS. BASIS OF DESIGN: GE MODEL# GFW1485SAWW GFI MESS/SHW. CART KESS/SHW
- THRESHOLD WITH BEVEL WHERE REQUIRED FOR FLOOR TRANSITION.
- NOT USED
- ADA COMPLIANT ADJUSTABLE HEIGHT DISHWASHER. BASIS OF DESIGN: GE MODEL# GDD2265L55
- MICROWAVE WITH RECIRCULATING HOOD. BASIS OF DESIGN: GE MODEL# JN43148R55. SEE MECH. DIAGRAMS FOR DUCTED HOOD LOCATIONS.
- ROBE HOOK CENTERED ON DOOR. MOUNT AT 0'-8" A.F.F.
- ACCESSIBLE COUNTERTOP MICROWAVE. BASIS OF DESIGN: GE MODEL# F22275L55
- FLUSH FLOOR DRAIN. COORDINATE LOCATION WITH OWNER.
- SEE SHOWER AS NECESSARY FOR ACCESSIBILITY REQUIREMENTS.
- NOT USED
- NOT USED
- 24" DEEP COUNTERTOP SUPPORT LEGS.
- FINISHED PANEL TO MATCH CABINETS. PROVIDE 3/4" REVEAL AT BOTTOM OF EXPOSED PANEL.
- UNDER CABINET LIGHT.
- 24" DEEP WALL CABINET. PROVIDE BLOCKING AS REQUIRED IN ORDER TO ALIGN CABINET FACE WITH ADJACENT 24" DEEP VERTICAL PANEL (WHERE APPLICABLE).
- TALL PARIETY CABINET WITH FULL CUT SHELVES. DEPTH VARIES - SEE NEW WORK PLAN.
- 2" SQUARE INCLUDING TRIM TO MATCH CABINET.
- 18" DEEP WALL CABINET.
- 12" DEEP BASE CABINET. ALIGN OUTSIDE FACE OF CABINET WITH ADJACENT CABINETS.

- SURFACE MOUNTED 12" DEEP SHELVES.
- PENDANT LIGHT. REFER TO RCP'S.
- 1 1/8" PANEL FRAME AND OPEN SHELVES. COORDINATE WITH OWNER AND MILLWORK PROVIDER.



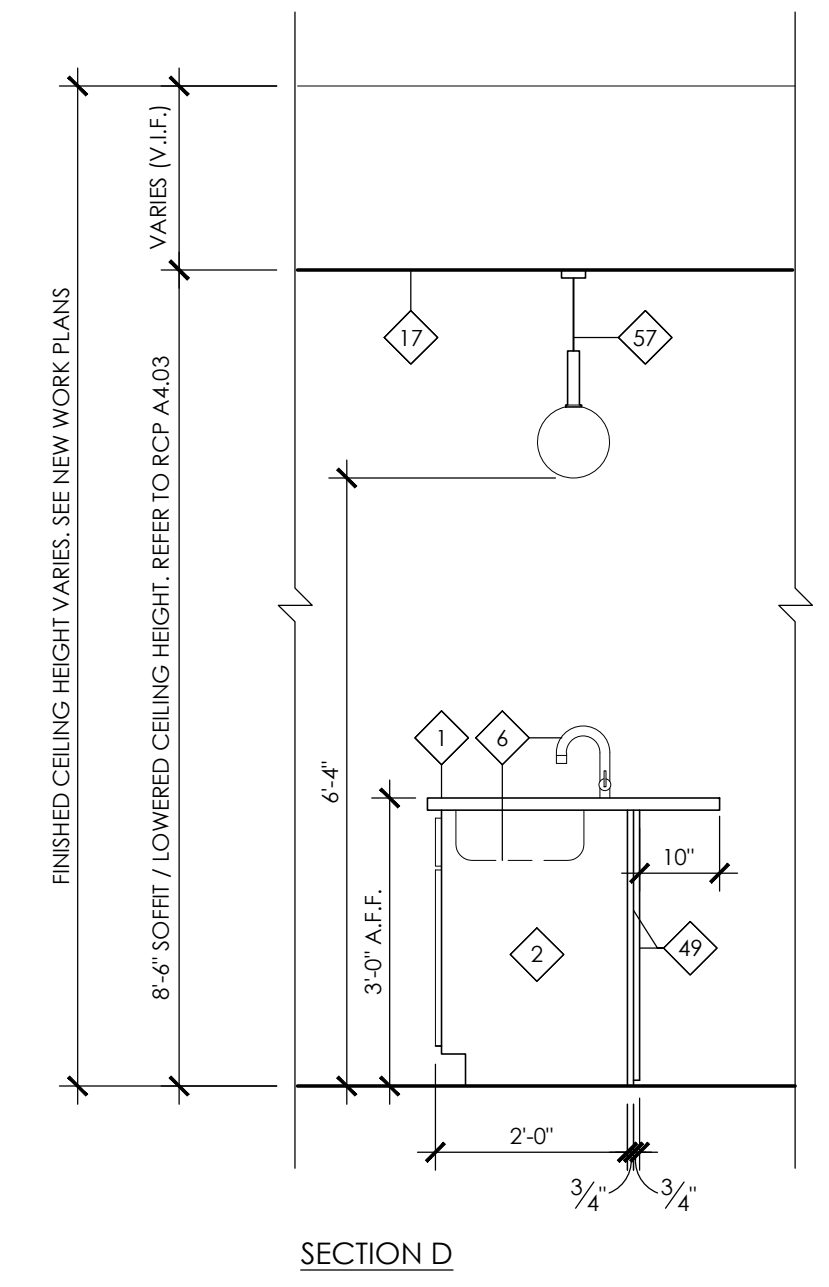
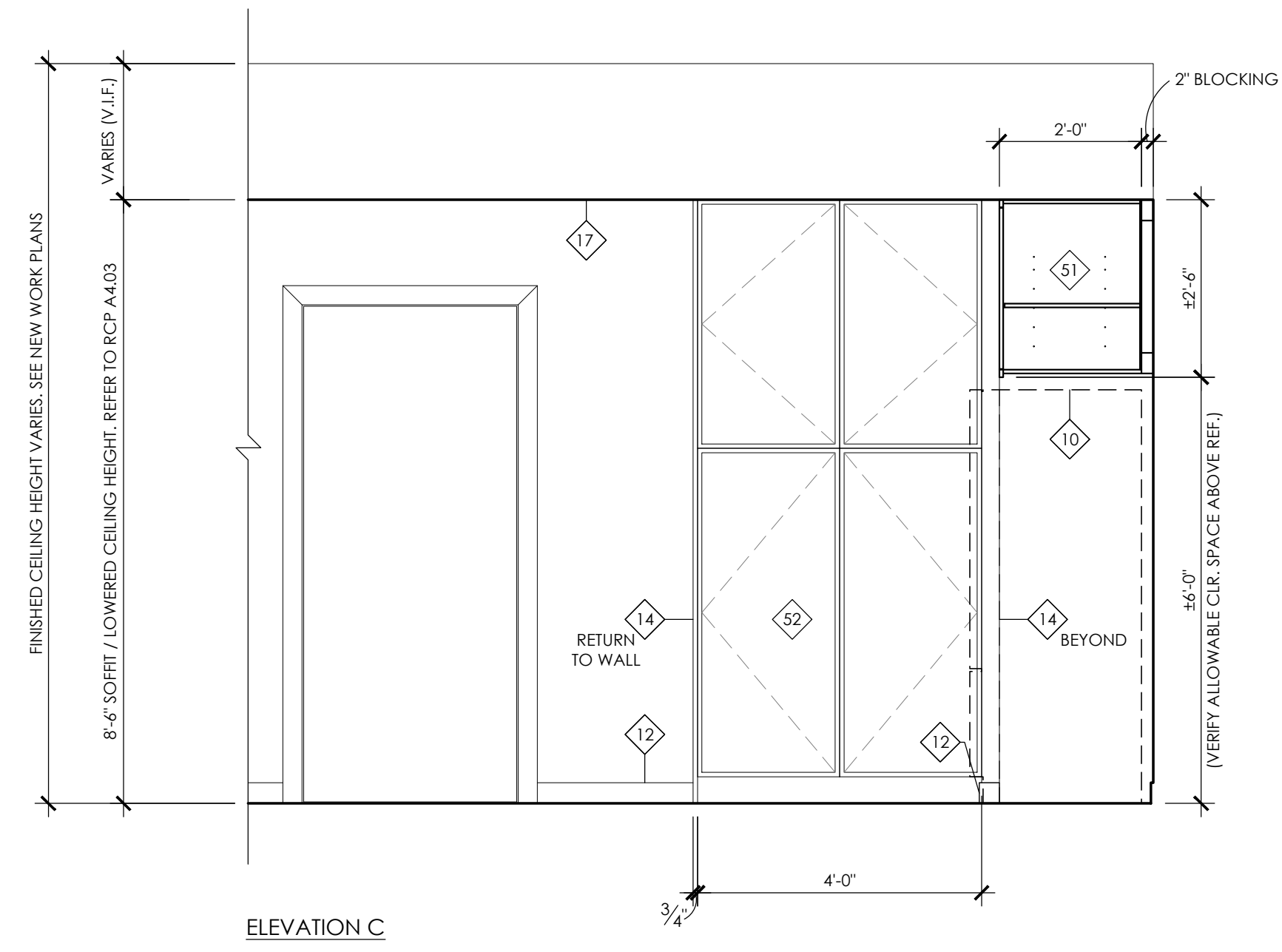
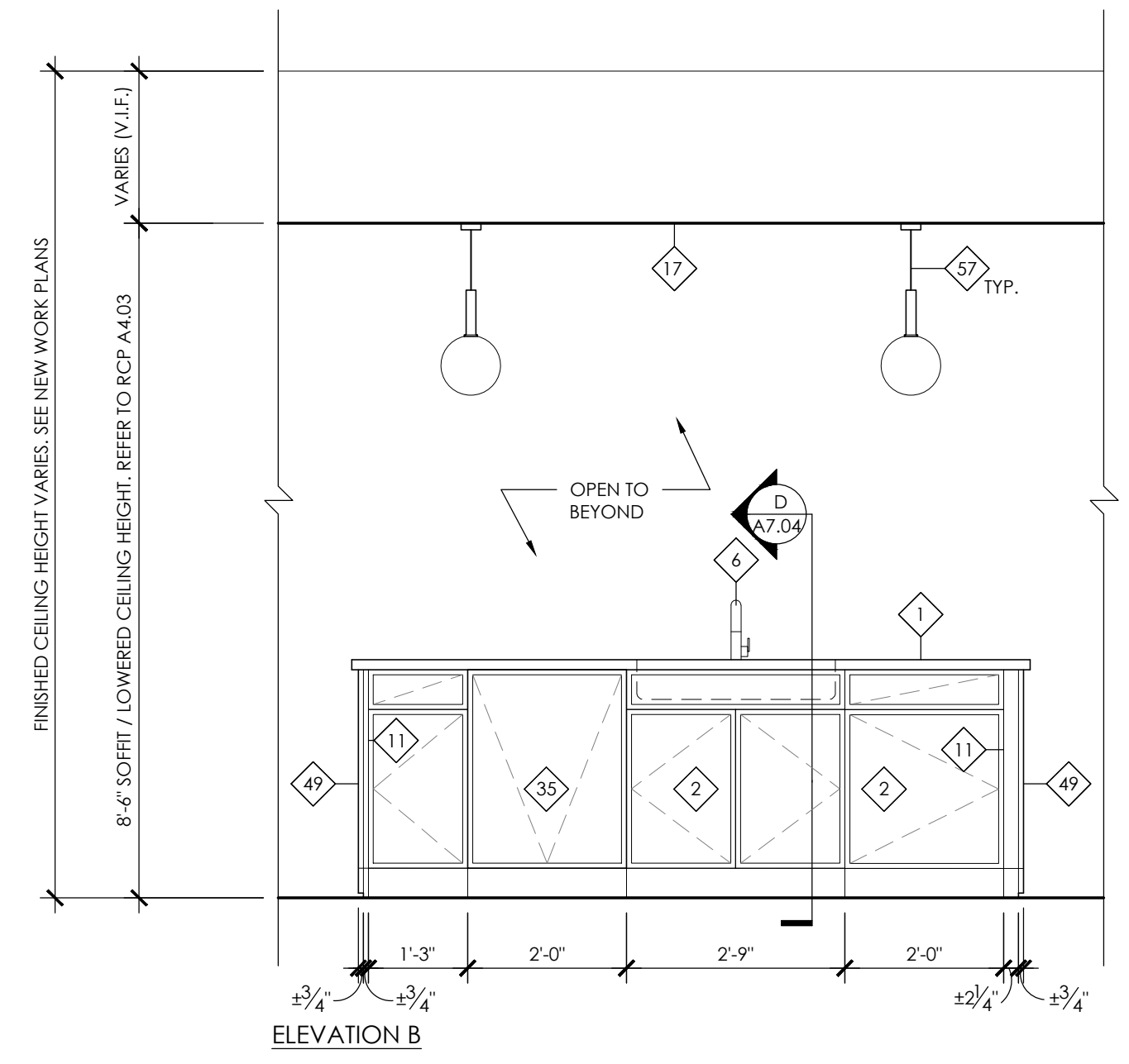
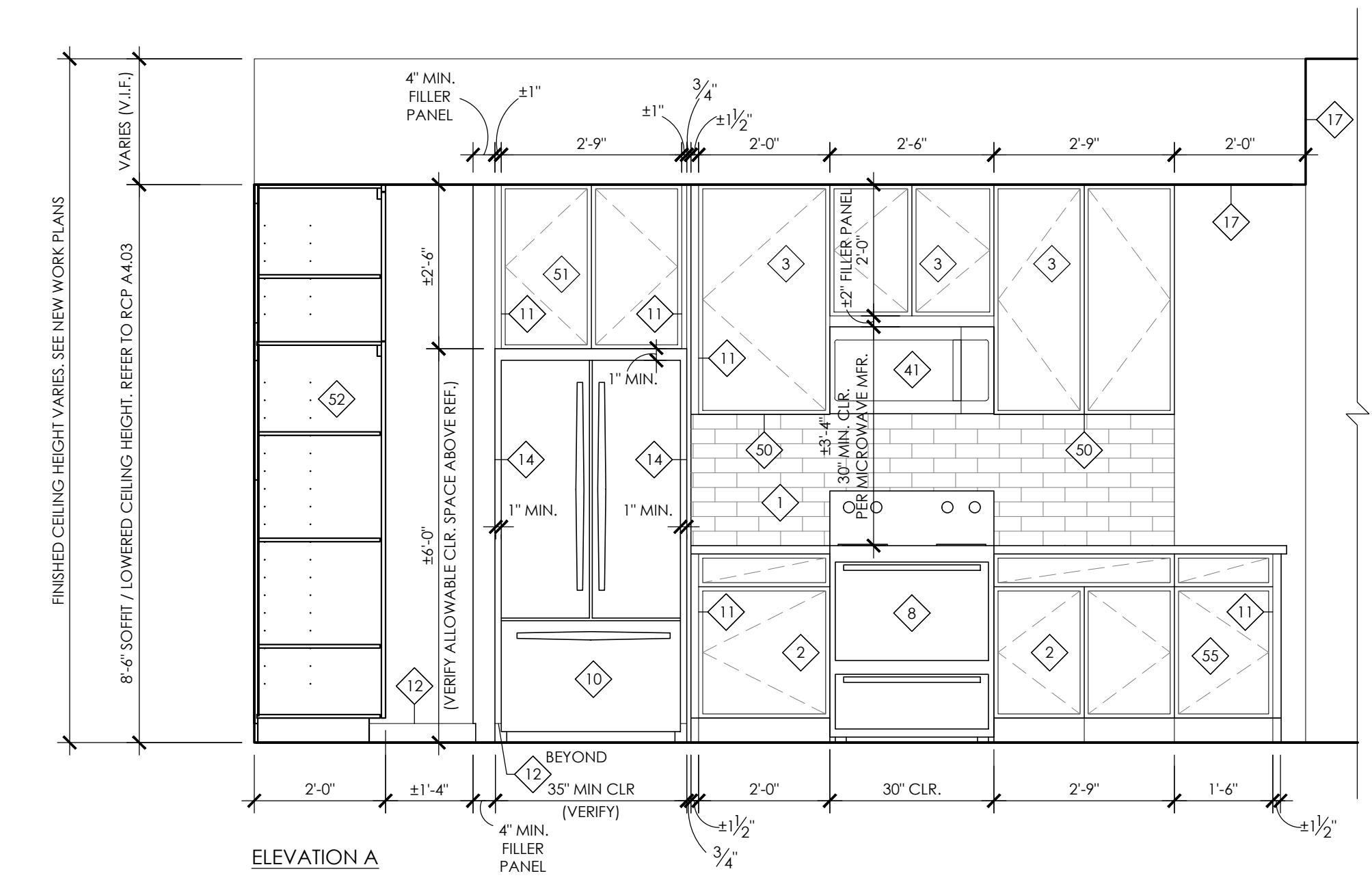
UNIT 408 - KITCHEN ELEVATIONS
(UNITS 508, 608, 708, 808, 908, 1008 SIMILAR)

3
A7.04
1/2" = 1'-0"



UNIT 307 - KITCHEN ELEVATIONS
(UNITS 407, 507, 607, 707, 807, 907, 1007 SIMILAR)

2
A7.04
1/2" = 1'-0"



UNIT 306 - KITCHEN ELEVATIONS
(UNITS 406, 506, 606, 706, 806, 906, 1006 SIMILAR)

1
A7.04
1/2" = 1'-0"

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TYPICAL UNIT INTERIOR ELEVATIONS

A7.04

ENLARGED PLANS AND INTERIOR ELEVATION GENERAL NOTES

- TYPICAL ENLARGED PLANS AND INTERIOR ELEVATIONS ARE FOR REFERENCE ONLY. REFER TO NEW WORK PLANS FOR ADDITIONAL SPECIFIC LAYOUTS INCLUDING CABINET SIZES AND TYPES.
- COORDINATE WALL FRAMING CLEAR DIMENSIONS AT SHOWERS AND BATHUBS WITH MANUFACTURERS REQUIREMENTS.
- PROVIDE BLOCKING FOR WALL-HUNG ACCESSORIES.
- PROVIDE MORTURARY/MOLD RESISTANT GYP. BOARD WITHIN 4'-0" OF ALL SOURCES OF WATER.
- SEE PLANS FOR WALL TYPES, AND FINISHED CEILING HEIGHTS. CONTRACTOR TO VERIFY ALL FINISHED CEILING HEIGHT DIMENSIONS.
- ALL CABINETS, COUNTERTOPS, APPLIANCES, FIXTURES, FINISHES, ACCESSORIES, ETC. TO BE SELECTED BY OWNER AND COORDINATED BY CONTRACTOR. VERIFY ALL DIMENSIONS AND CLEARANCES REQUIRED.**
- MEB # 41 IS DESIGN-BUILD AND TO BE COORDINATED BY CONTRACTOR.
- KITCHEN HOODS ARE SHOWN AS RECIRCULATING. CONTRACTOR TO VERIFY WITH OWNER.
- IN ACCESSIBLE DWELLING UNITS, PROVIDE WALL SWITCHES FOR HOOD FAN & HOOD LIGHT IN ACCESSIBLE LOCATIONS OVER COUNTER.
- BASE CABINETS AND WALL CABINETS TO HAVE FINISHED PANELS ON EXPOSED SIDES. TYPICAL CABINET PULLS TO BE ANSI 117.1 COMPLIANT PULLS FOR ALL CABINETS IN TYPE A ACCESSIBLE UNITS.
- SEE FINISH SCHEDULE ON ADS FOR FLOORING AND WALL FINISHES.

ENLARGED PLANS ANS 117.1 ACCESSIBILITY CLEARANCES NOTES [SEE PLANS]

- 48" X 18" MIN. BEYOND LATCH DOOR CLEARANCE ON FULL SIDE (FRONT APPROACH).
- 48" X 24" MIN. BEYOND LATCH DOOR CLEARANCE ON FULL SIDE (FRONT APPROACH).
- 48" X 24" MIN. BEYOND LATCH DOOR CLEARANCE ON FULL SIDE (LATCH APPROACH).
- 30" X 48" CLEAR FLOOR SPACE AT REFRIGERATOR (SIDE APPROACH).
- 30" X 48" CLEAR FLOOR SPACE AT COOKTOP (SIDE APPROACH).
- 30" X 48" CLEAR FLOOR SPACE ADJACENT TO OVEN DOOR IN OPEN POSITION (SIDE APPROACH).
- 30" X 48" CLEAR FLOOR SPACE AT WORK SPACE (FRONT APPROACH).
- 30" X 48" CLEAR FLOOR SPACE AT KITCHEN SINK (FRONT APPROACH).
- 30" X 48" CLEAR FLOOR SPACE AT KITCHEN SINK (FRONT APPROACH).
- 30" X 48" CLEAR FLOOR SPACE AT BATHROOM SINK (FRONT APPROACH).
- 48" X 48" CLEAR FLOOR SPACE AT TOILET.
- 30" X 48" CLEAR FLOOR SPACE.
- 48" DIAMETER TURNING RADIUS.
- 30" X 48" CLEAR FLOOR SPACE AT DOWNSHOWER (SIDE APPROACH).

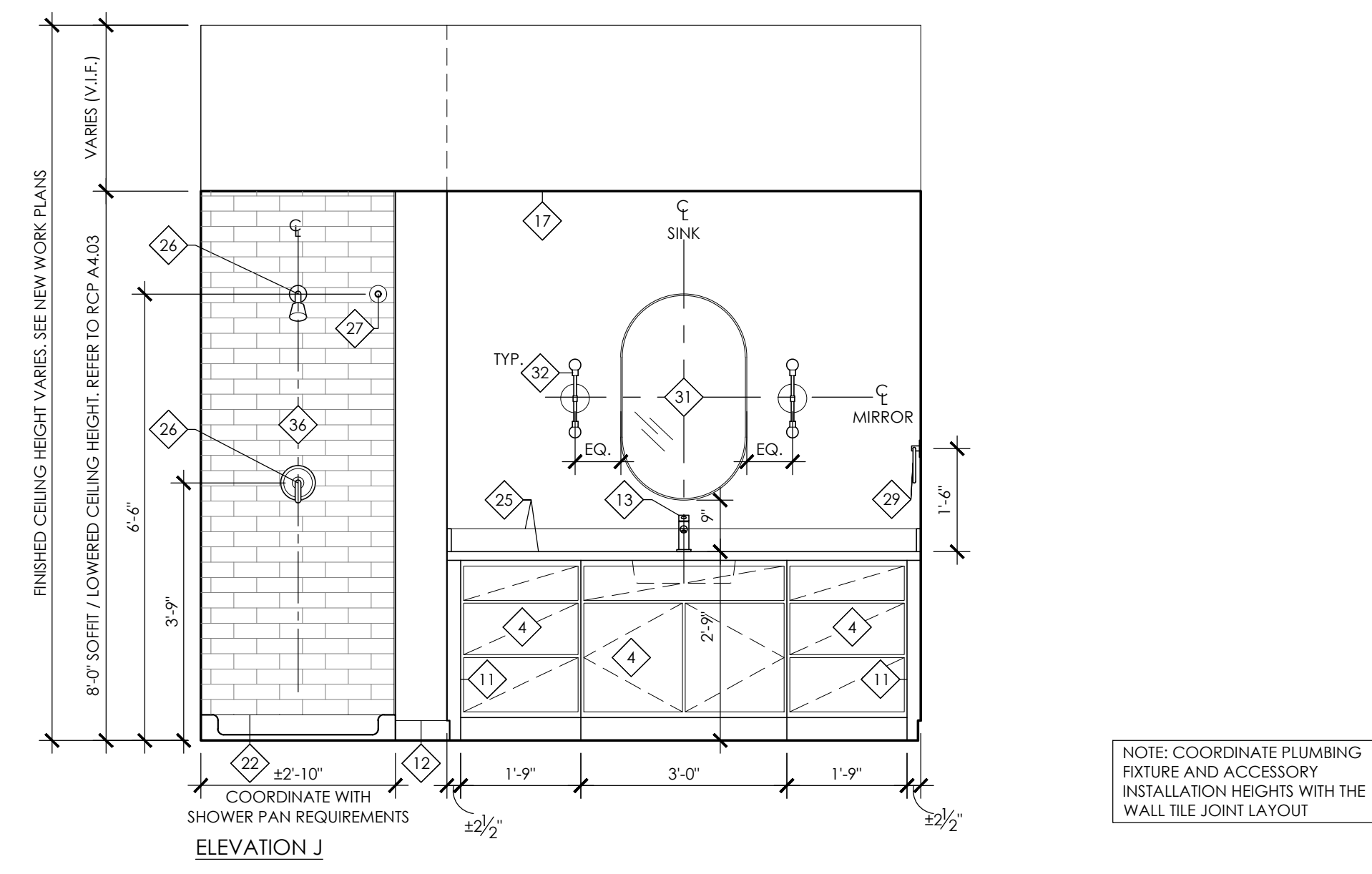
ENLARGED PLANS AND INTERIOR ELEVATION KEY NOTES

- COUNTERTOP WITH TILE BACKPLASH (WHERE APPLICABLE)
- 24" DEEP BASE CABINETS.
- 12" DEEP WALL CABINETS.
- 21" DEEP VANITY BASE CABINETS.
- 1 1/2" COUNTERTOP SUPPORT PANEL. FINISHED TO MATCH CABINETS.
- KITCHEN SINK WITH GARBAGE DISPOSAL. SINK AND FAUCET IN ACCESSIBLE UNITS SHALL BE ANSI 117.1 COMPLIANT.
- DROP-IN ANSI 117.1 COMPLIANT ELECTRIC RANGE. BASIS OF DESIGN: GE MODEL# JDS30SF
- ELECTRIC RANGE. BASIS OF DESIGN: GE MODEL# JB648R55
- RANGE HOOD. IN ACCESSIBLE UNITS PROVIDE WALL SWITCHES FOR HOOD FAN AND HOOD LIGHT.
- REFRIGERATOR. ANSI 117.1 / ADA COMPLIANT IN ACCESSIBLE UNITS. BASIS OF DESIGN: GE MODEL# GFE18U1FUS
- PROVIDE FILLER PANEL TO MATCH CABINET FINISH.
- WALL BASE. SEE FINISH SCHEDULE ON ADS.
- VANITY FAUCET AT VANITY SINK. PROVIDE ANSI 117.1 ADA COMPLIANT LEVER HANDLE IN ACCESSIBLE TYPE A UNITS.
- 3/4" FINISH PANEL TO MATCH CABINETS.
- 24" DEEP WALL-HUNG ANSI 117.1 ADA COMPLIANT SINK CABINET WITH REMOVABLE PANEL W/ CUPS.
- 24" DEEP WALL-HUNG ANSI 117.1 ADA COMPLIANT VANITY CABINET WITH REMOVABLE PANEL W/ CUPS.
- CHIPSUM BOARD SOFFIT / LOWERED CEILING.
- 24" DEEP AND 96" TALL LINEN CABINET. WIDTH VARIES - REFER TO TAG ON PLAN.
- FLOOR MOUNTED TOILET (ANSI 117.1) ADA COMPLIANT IN ACCESSIBLE TYPE A UNITS.

- ANCHORED METAL GRAB BARS PER ANSI A117.1.
- 30" X 60" ANSI 117.1 ADA COMPLIANT ROLL-IN SHOWER W/ FIBERGLASS SURROUND AND BASE.
- SHOWER PAN WITH TILE SURROUND.
- HAND SHOWER WITH 5'9" LONG HOSE AND ADJUSTABLE HEIGHT MOUNTING BAR. TOP OF HAND SPRAYER @ 48" AFF IN LOWEST POSITION.
- FOLDING SHOWER SEAT PER ANSI A117.1. PROVIDE BLOCKING.
- COUNTERTOP WITH INTEGRAL BOWL SINK AND 4" BACKPLASH.
- SHOWERHEAD AND VALVE. CENTER ON SHOWER PAN. TYP. UOIN.
- ANCHORED SHOWER CURTAIN ROD. MOUNTED @ 78" A.F.F.
- TOWEL BAR.
- HAND TOWEL BAR.
- TOILET PAPER HOLDER. WHERE ATTACHED TO VANITY BASE, COORDINATE PLACEMENT WITH DRAWERS.
- FRAMED MIRROR. CENTERED ON VANITY U.N.D.
- VANITY LIGHT.
- PROVIDE REQUIRED KNEE AND TOE CLEARANCE PER ANSI 117.1 AT SINK AND WORKSPACE. AS INDICATED BY HATCH AREA. PLUMBING SHALL NOT ENCRUMB KNEE AND TOE CLEAR AREA. INSULATE EXPOSED PIPES TO PROTECT AGAINST CONTACT.
- ANSI 117.1 ADA COMPLIANT SHOWER VALVE.
- 24" DEEP DOWNSHOWER. BASIS OF DESIGN: GE MODEL# GDD35SP585
- SHOWER WALL TILE (FULL HEIGHT). PROVIDE SCHLITZER SCHEME ALUMINUM TRIM AT ENDS.
- WASHER AND DRYER WITH PLUMBED WASHER PAN. PROVIDE SIDE-BY-SIDE ACCESSIBLE FRONT LOADING WASHER

- AND DRYER ON RISERS AND DRIP PAN IN ACCESSIBLE TYPE A UNITS. BASIS OF DESIGN: GE MODEL# GFW14855AWW (GFI RESISTANT, GFI, GFI, GFI)
- THRESHOLD WITH BEVEL WHERE REQUIRED FOR FLOOR TRANSITION.
- NOT USED
- ADA COMPLIANT ADJUSTABLE HEIGHT DOWNSHOWER. BASIS OF DESIGN: GE MODEL# GDD2265L55
- MICROWAVE WITH RECIRCULATING HOOD. BASIS OF DESIGN: GE MODEL# JN43148R55. SEE MECH. DIAGRAMS FOR HOOD LOCATION.
- ROBE HOOK CENTERED ON DOOR. MOUNT AT 5'-8" A.F.F.
- ACCESSIBLE COUNTERTOP MICROWAVE. BASIS OF DESIGN: GE MODEL# P22725L55
- FLUSH FLOOR DRAIN. COORDINATE LOCATION WITH OWNER.
- RECESS SHOWER AS NECESSARY FOR ACCESSIBILITY REQUIREMENTS.
- NOT USED
- NOT USED
- 24" DEEP WALL CABINET. PROVIDE BLOCKING AS REQUIRED IN ORDER TO ALIGN CABINET FACE WITH ADJACENT 24" DEEP VERTICAL PANEL (WHERE APPLICABLE).
- TALL PANNY CABINET WITH FULL OUT SHELVES. DEPTH VARIES - SEE NEW WORK PLAN.
- 24" DEEP WALL CABINET. PROVIDE BLOCKING AS REQUIRED IN ORDER TO ALIGN CABINET FACE WITH ADJACENT 24" DEEP VERTICAL PANEL (WHERE APPLICABLE).
- 12" DEEP BASE CABINET. ALIGN OUTSIDE FACE OF CABINET WITH ADJACENT CABINETS.

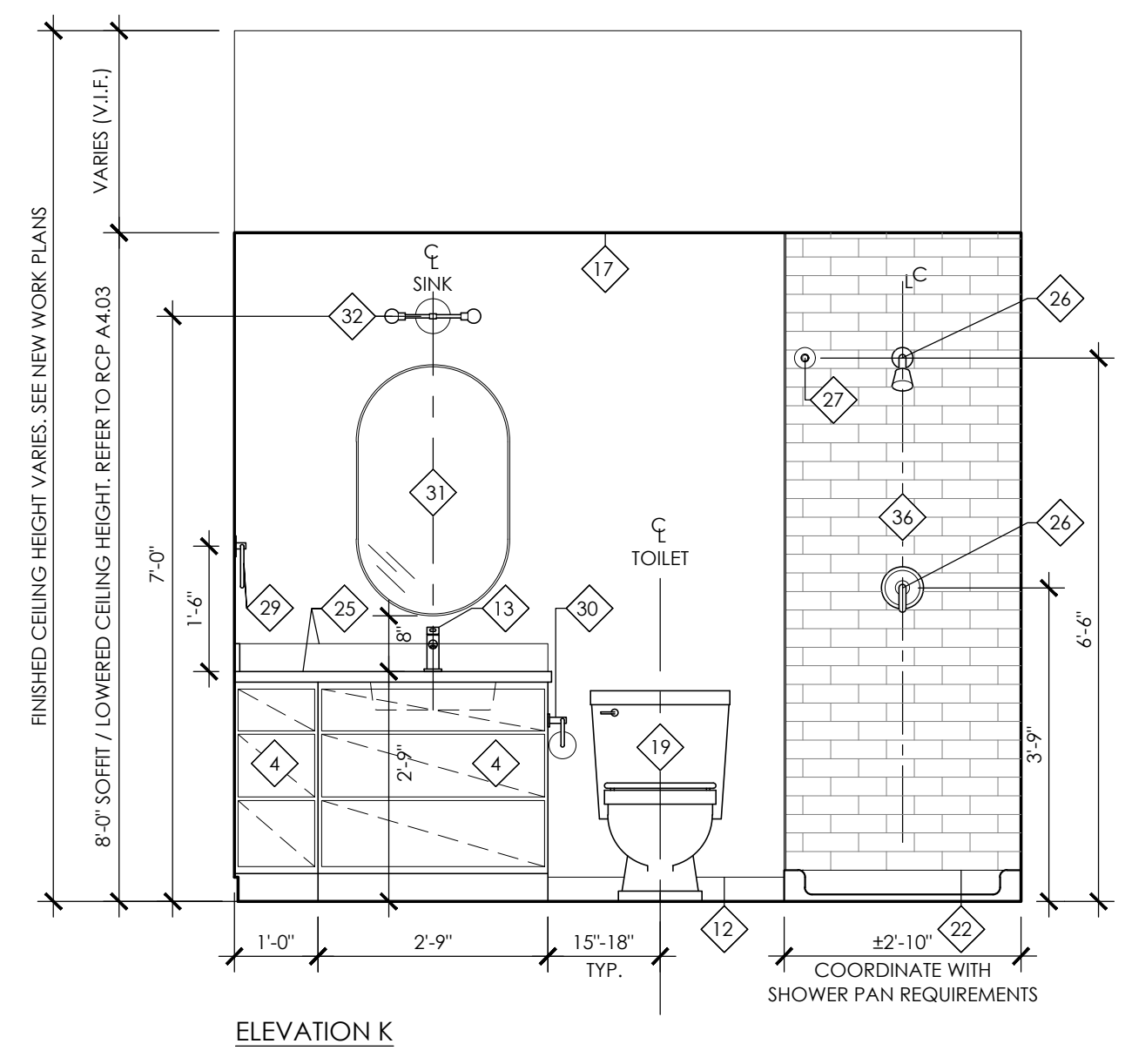
- SURFACE MOUNTED 12" DEEP SHELVES.
- FRONT LIGHT. REFER TO RCP'S.
- 1 1/8" PANEL FRAME AND OPEN SHELVES. COORDINATE WITH OWNER AND MILLWORK PROVIDER.



NOTE: COORDINATE PLUMBING FIXTURE AND ACCESSORY INSTALLATION HEIGHTS WITH THE WALL TILE JOINT LAYOUT

UNIT 302 - BATHROOM ELEVATION (UNITS 304, 306, 402, 404, 406, 502, 504, 506, 602, 604, 606, 702, 704, 706, 802, 804, 806, 902, 904, 906, 1002, 1004, 1006 SIMILAR)

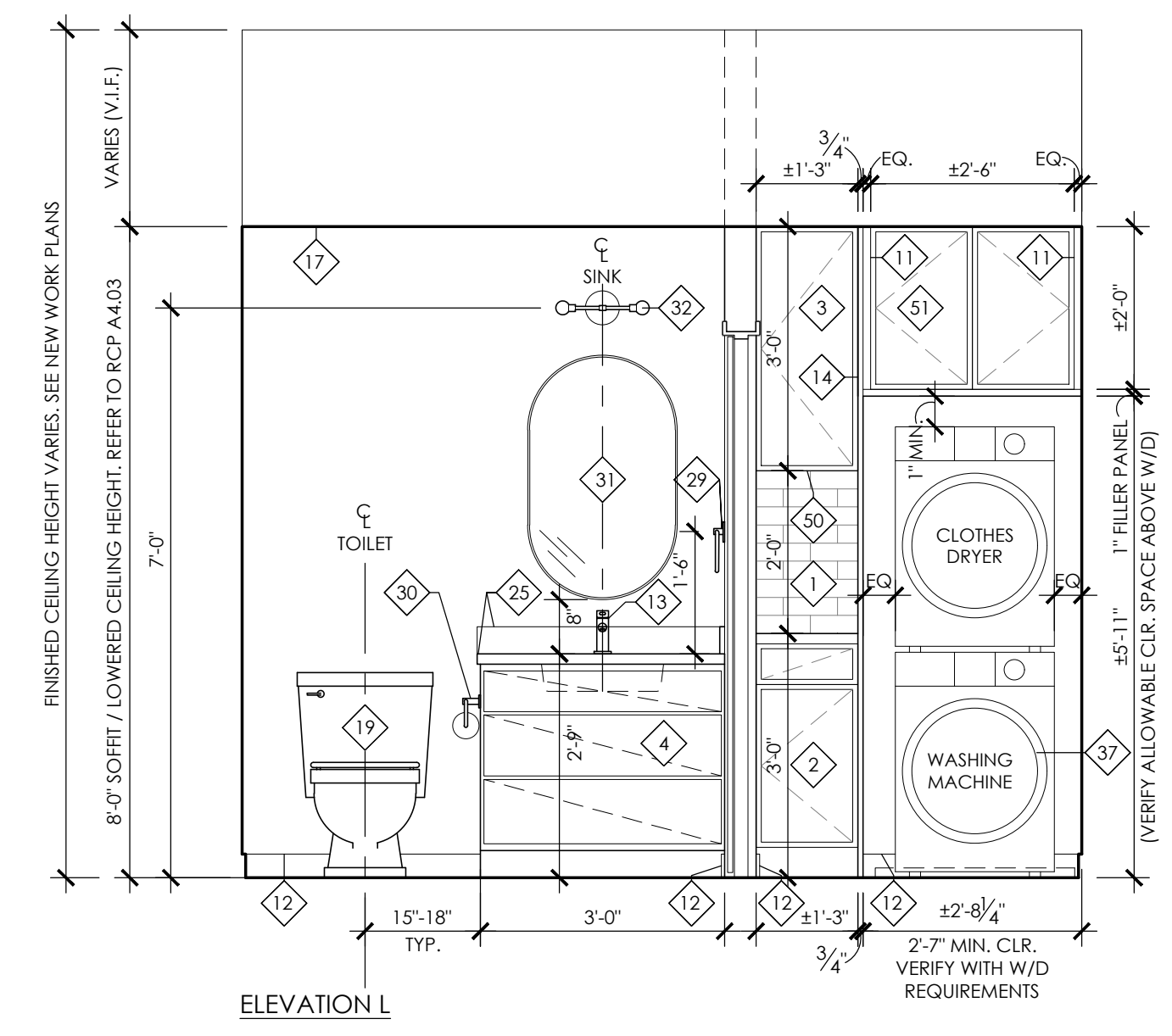
3
A7.05
1/2" = 1'-0"



NOTE: COORDINATE PLUMBING FIXTURE AND ACCESSORY INSTALLATION HEIGHTS WITH THE WALL TILE JOINT LAYOUT

UNIT 303 - BATHROOM ELEVATION (UNITS 305, 403, 405, 503, 505, 603, 605, 703, 705, 803, 805, 903, 905, 1003 1005 SIMILAR)

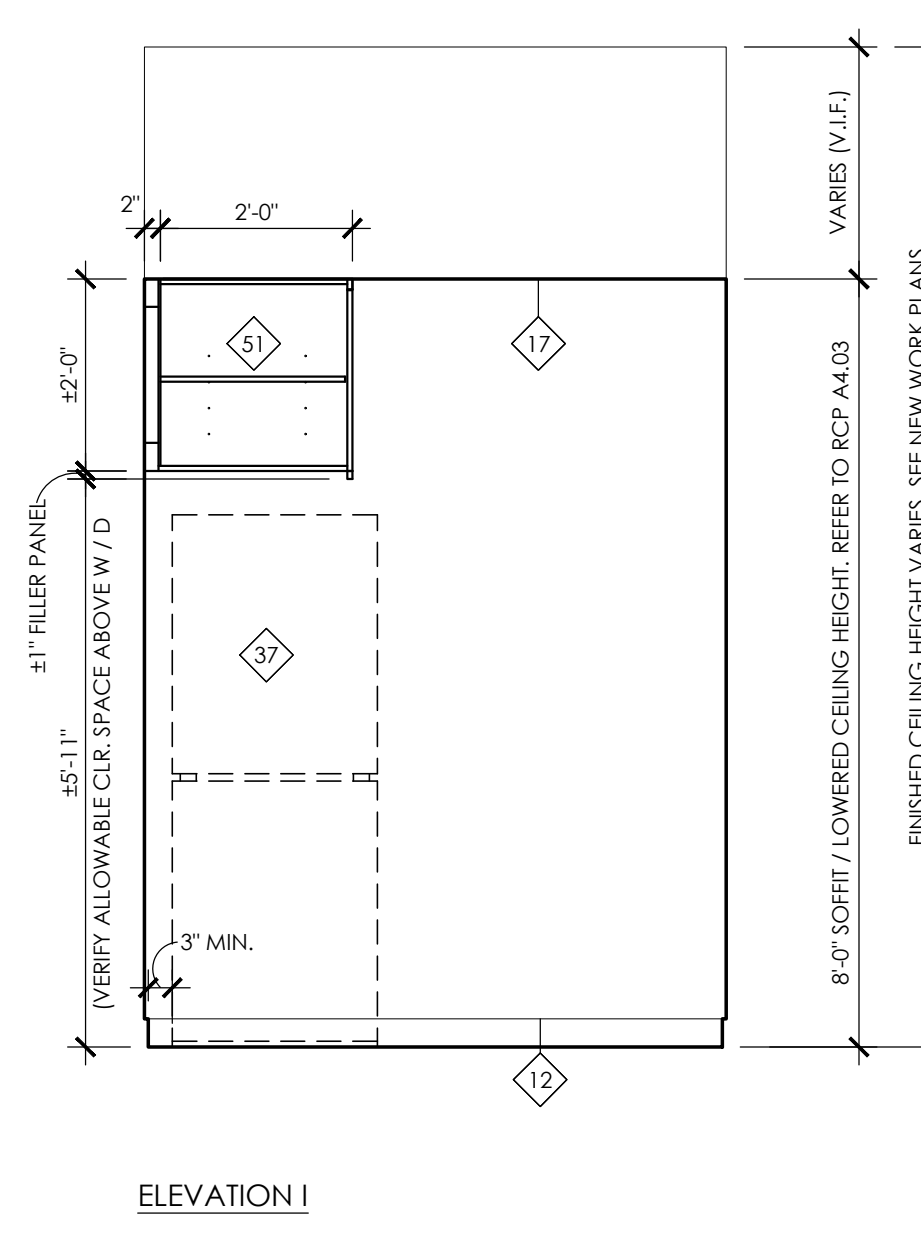
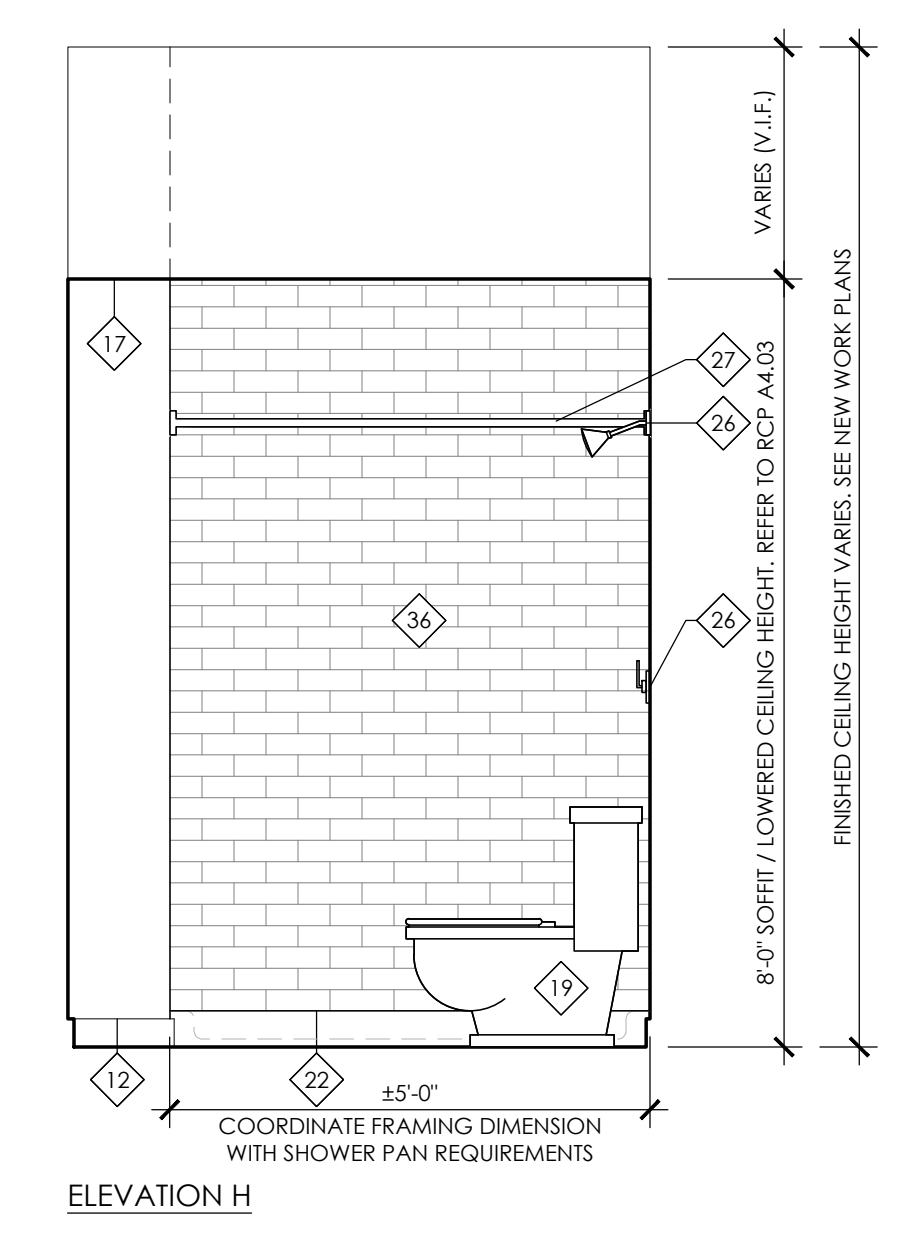
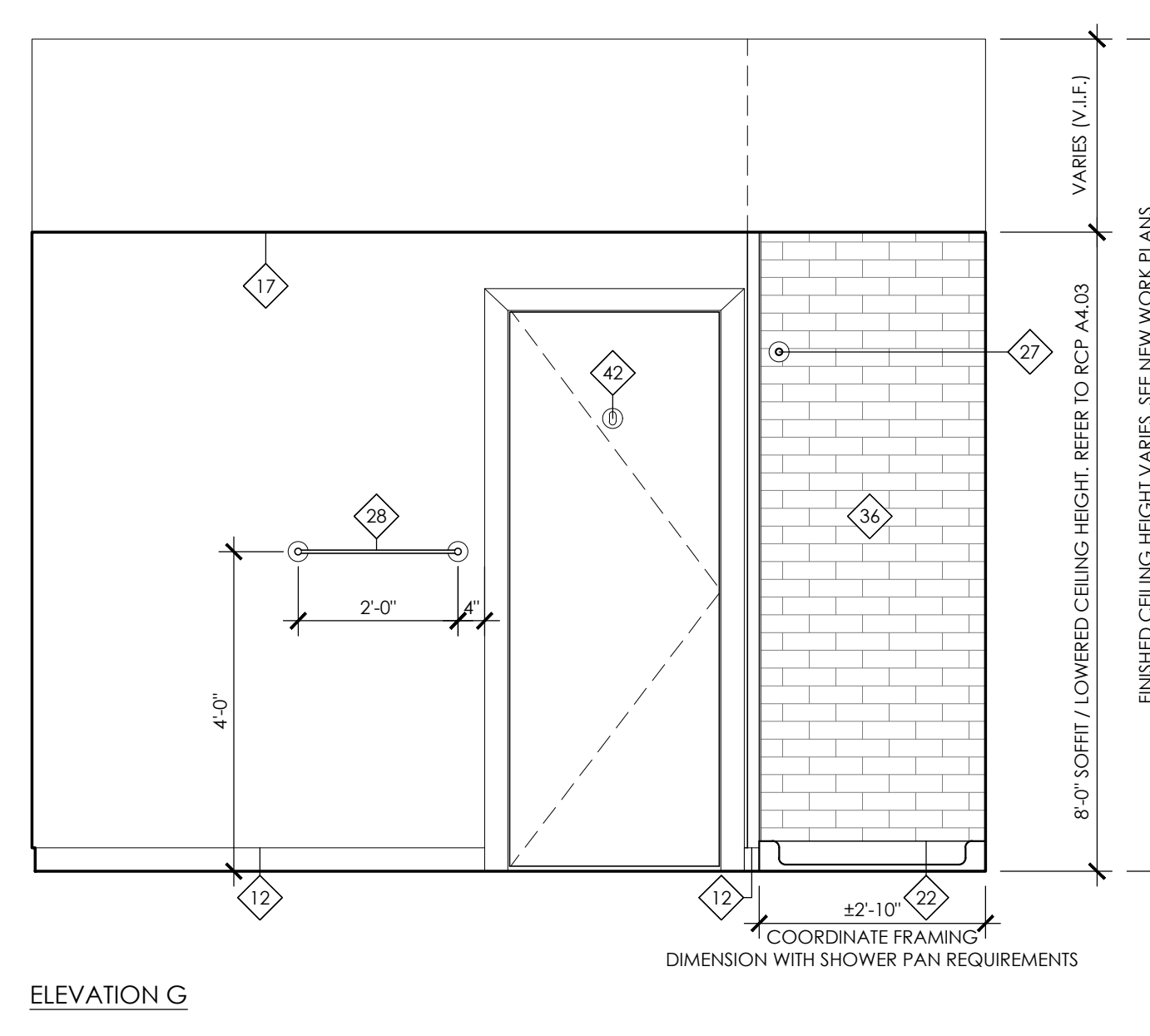
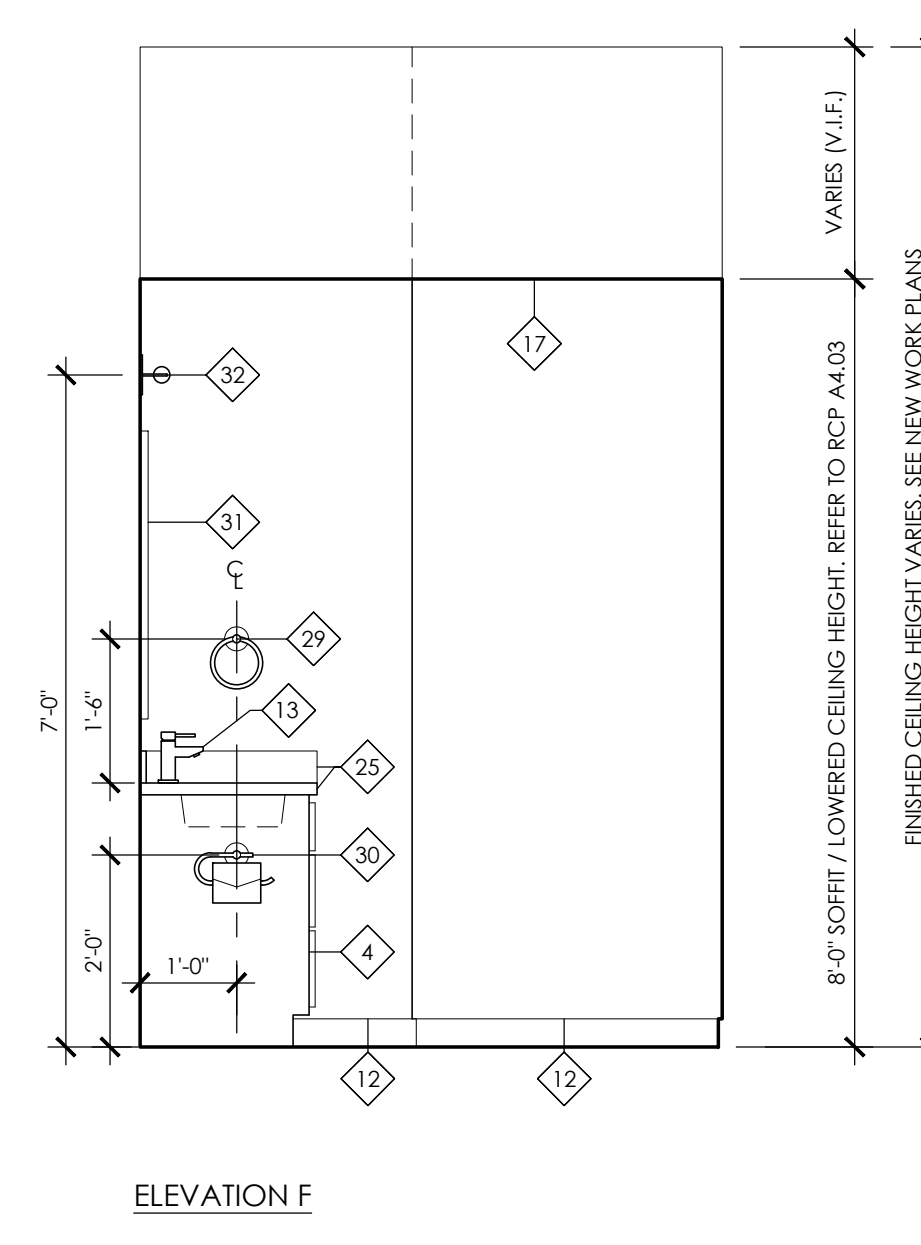
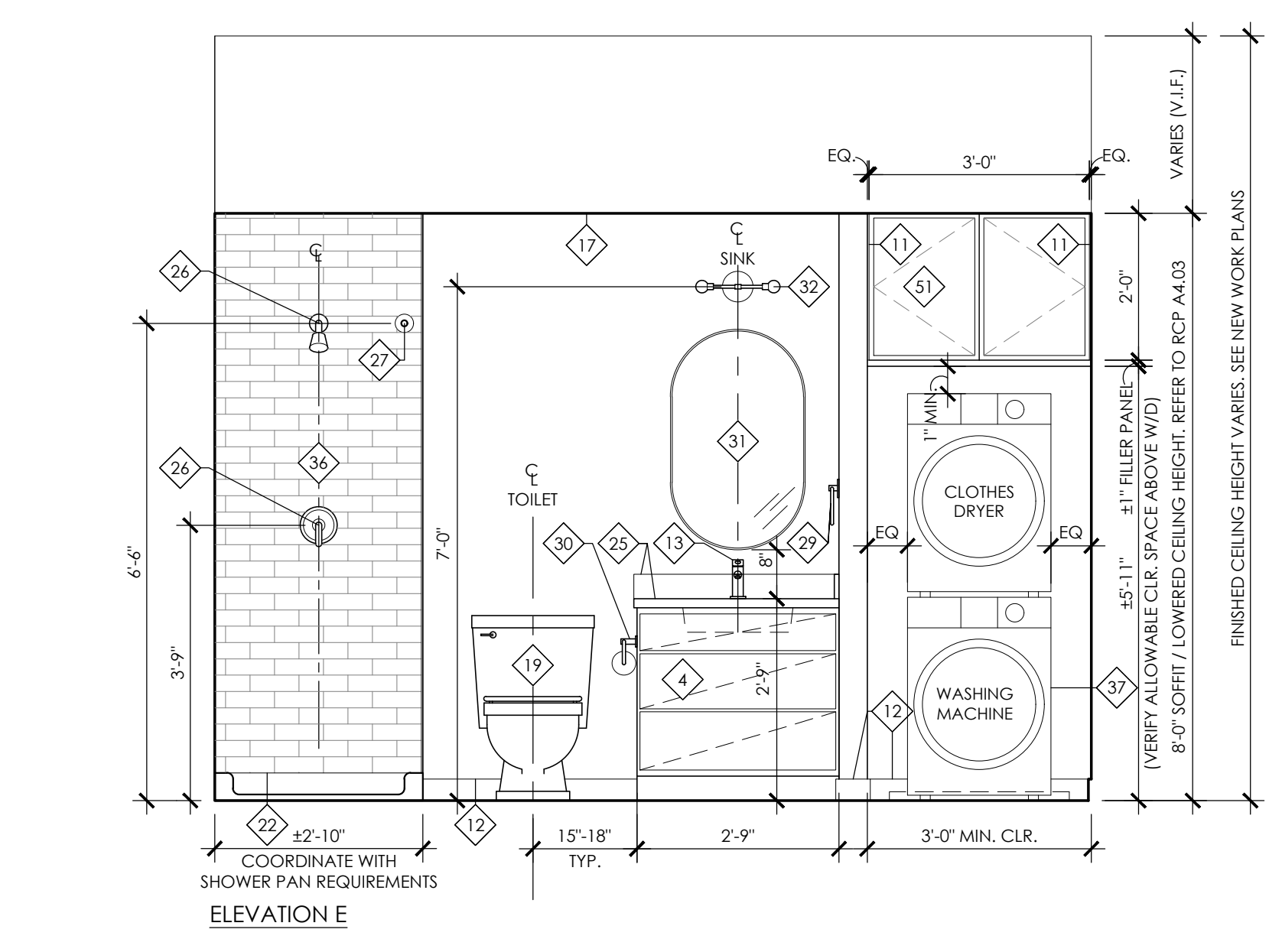
4
A7.05
1/2" = 1'-0"



NOTE: COORDINATE PLUMBING FIXTURE AND ACCESSORY INSTALLATION HEIGHTS WITH THE WALL TILE JOINT LAYOUT

UNIT 307 - BATHROOM ELEVATION (UNITS 407, 507, 607, 707, 807, 907, 1007 SIMILAR)

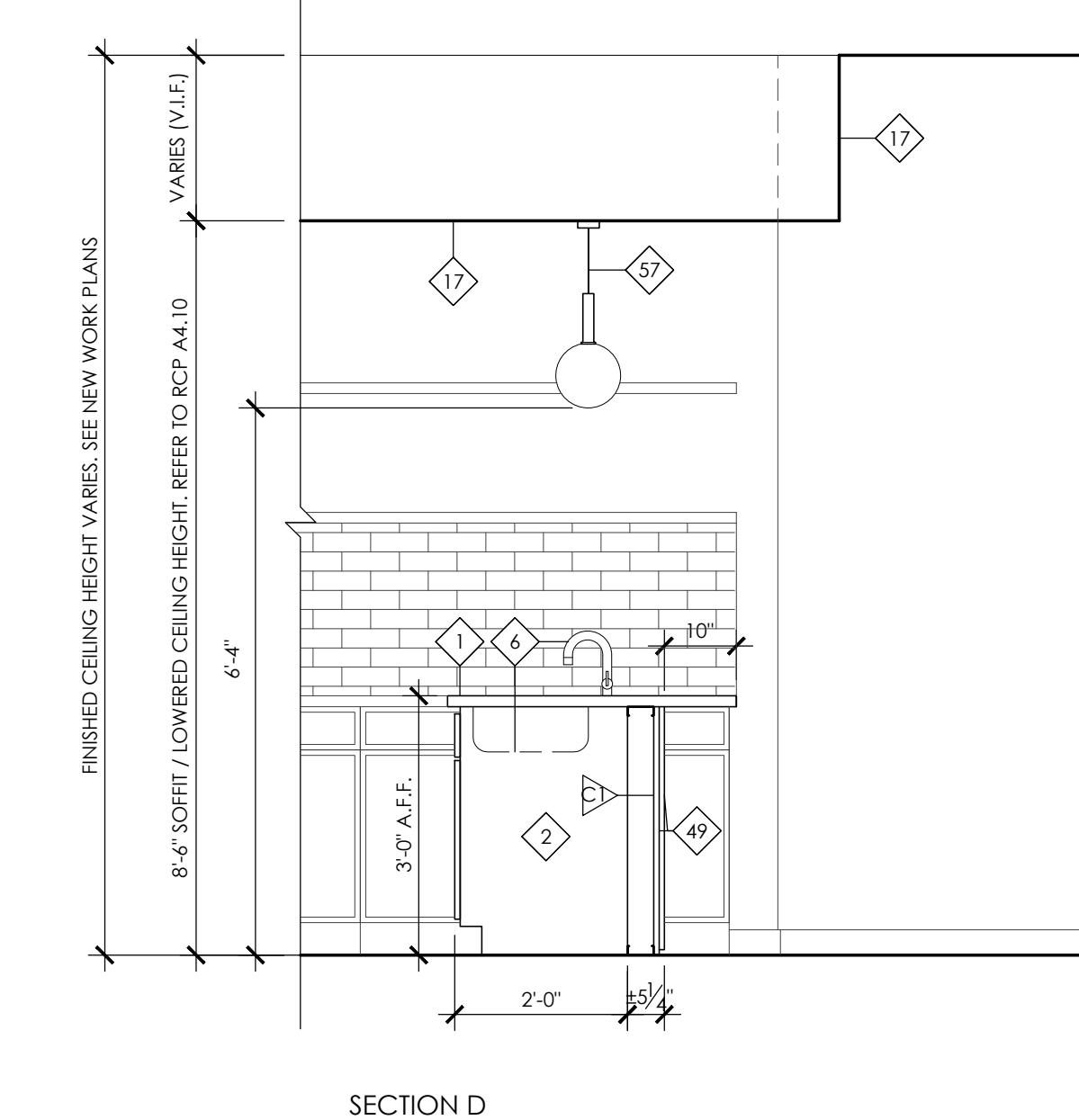
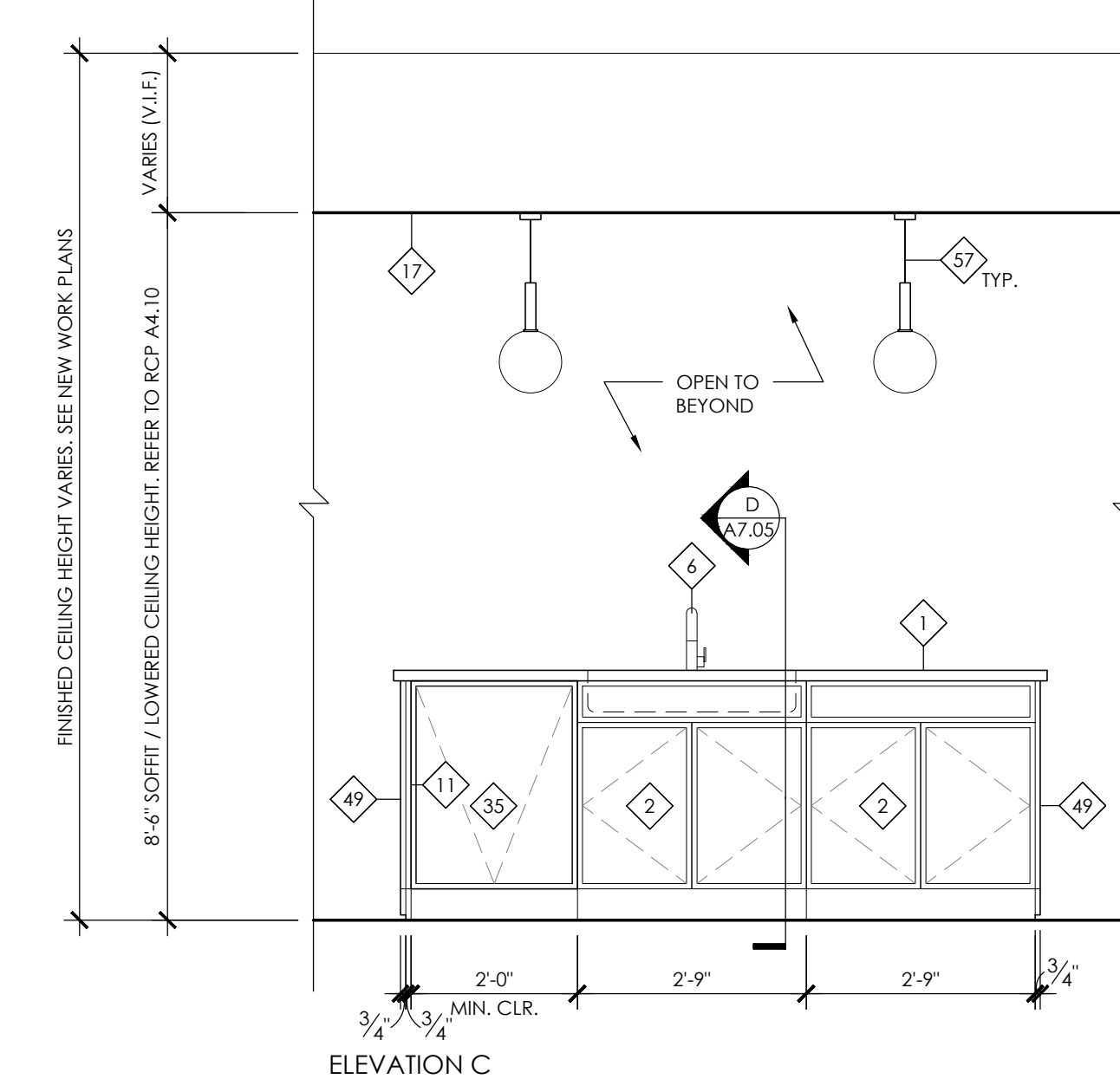
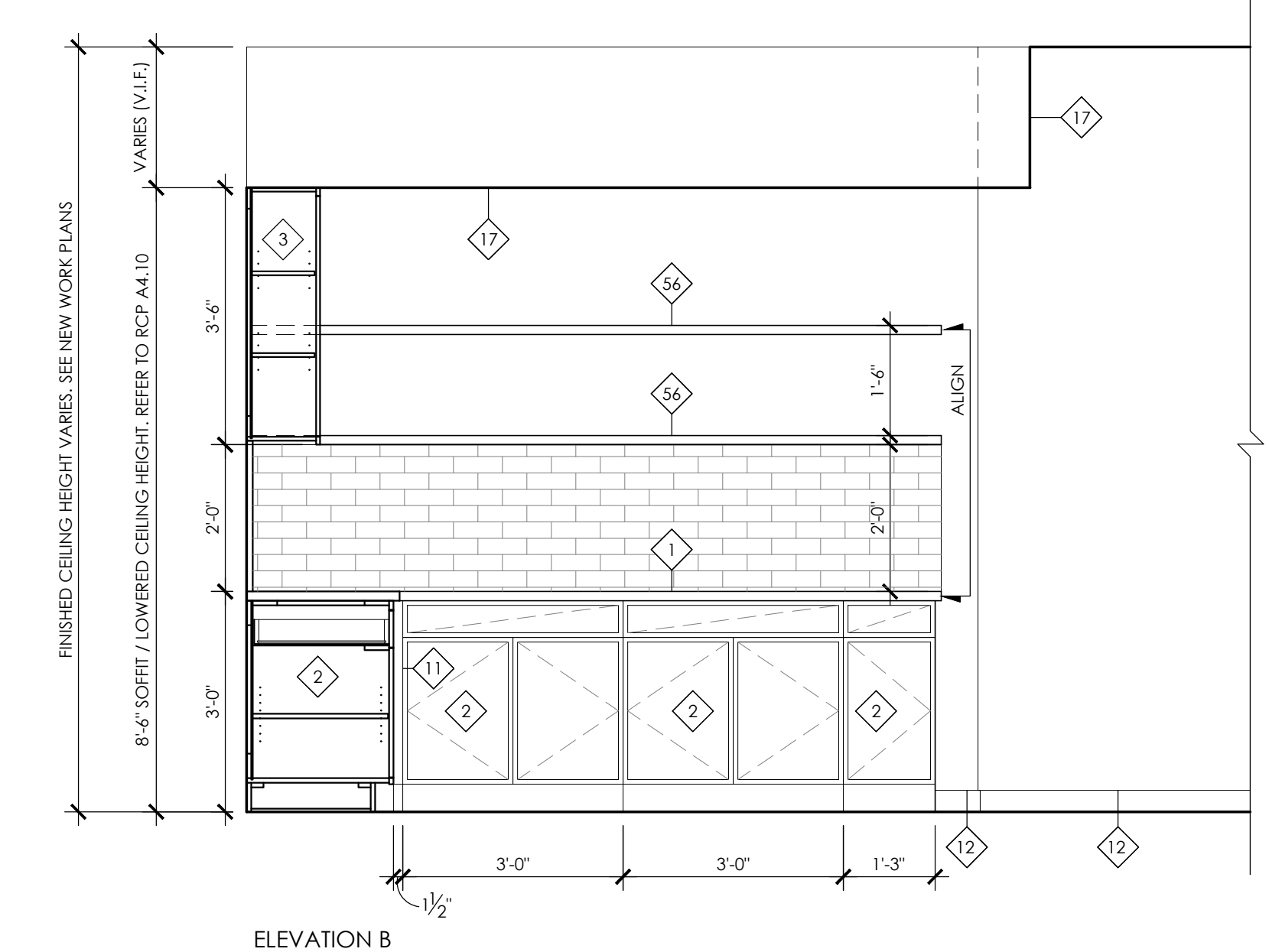
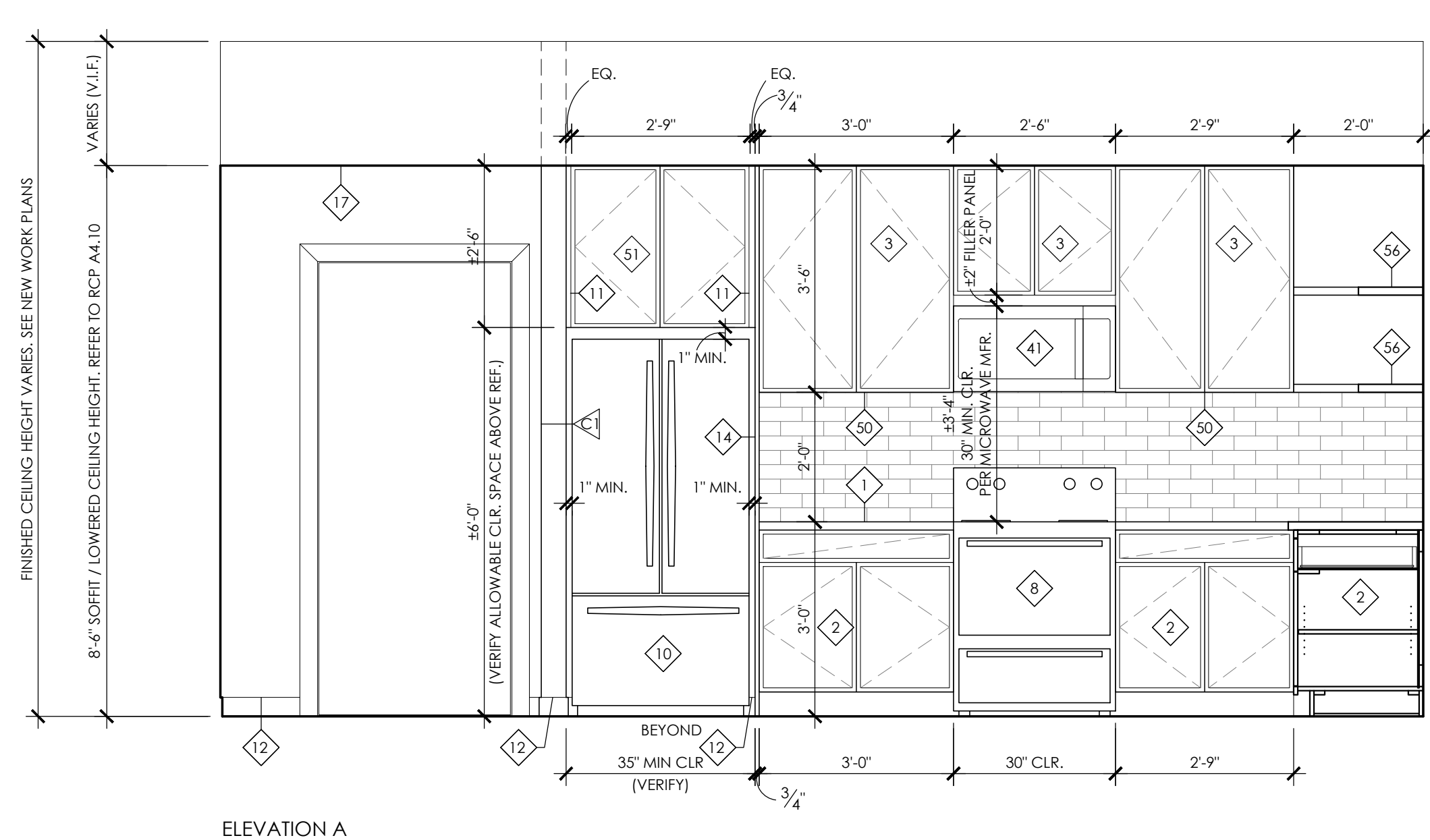
5
A7.05
1/2" = 1'-0"



NOTE: COORDINATE PLUMBING FIXTURE AND ACCESSORY INSTALLATION HEIGHTS WITH THE WALL TILE JOINT LAYOUT

UNIT 301 - BATHROOM ELEVATIONS (UNITS 401, 501, 601, 701, 801, 901, 1001 SIMILAR)

2
A7.05
1/2" = 1'-0"



MERCANTILE LIBRARY BUILDING
 414 WALNUT STREET
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 08.17.2022
 ISSUE FOR PERMIT
 10.27.2022
 PERMIT REVISION 1
 12.27.2022
 BULLETIN 1

TYPICAL UNIT INTERIOR ELEVATIONS
A7.05

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ENLARGED PLANS AND INTERIOR ELEVATION GENERAL NOTES

- TYPICAL ENLARGED PLANS AND INTERIOR ELEVATIONS ARE FOR REFERENCE ONLY. REFER TO NEW WORK PLANS FOR ADDITIONAL SPECIFIC LAYOUTS INCLUDING CABINET SIZES AND TYPES.
- COORDINATE WALL FRAMING CLEAR DIMENSIONS AT SHOWERS AND BATHRUBS WITH MANUFACTURER'S REQUIREMENTS.
- PROVIDE BLOCKING FOR WALL-HUNG ACCESSORIES.
- PROVIDE MOISTURE/ MOLD RESISTANT GYP. BOARD WITHIN 4'-0" OF ALL SOURCES OF WATER.
- SEE PLANS FOR WALL TYPES, AND FINISHED CEILING HEIGHTS. CONTRACTOR TO VERIFY ALL FINISHED CEILING HEIGHT DIMENSIONS.
- ALL CABINERY, COUNTERTOPS, APPLIANCES, FIXTURES, FINISHES, ACCESSORIES, ETC. TO BE SELECTED BY OWNER AND COORDINATED BY CONTRACTOR. VERIFY ALL DIMENSIONS AND CLEARANCES REQUIRED.**
- MFP + 4" IS DESIGN-BUILD AND TO BE COORDINATED BY CONTRACTOR.
- KITCHEN HOODS ARE SHOWN AS RECIRCULATING. CONTRACTOR TO VERIFY WITH OWNER.
- IN ACCESSIBLE DWELLING UNITS, PROVIDE WALL SWITCHES FOR HOOD FAN & HOOD LIGHT IN ACCESSIBLE LOCATIONS OVER COUNTER.
- BASE CABINETS AND WALL CABINETS TO HAVE FINISHED PANELS ON EXPOSED SIDES, TYPICAL.
- CABINET PULLS TO BE ANSI 117.1 COMPLIANT PULLS FOR ALL CABINERY IN TYPE A ACCESSIBLE UNITS.
- SEE FINISH SCHEDULE ON A.D.S. FOR FLOORING AND WALL FINISHES.

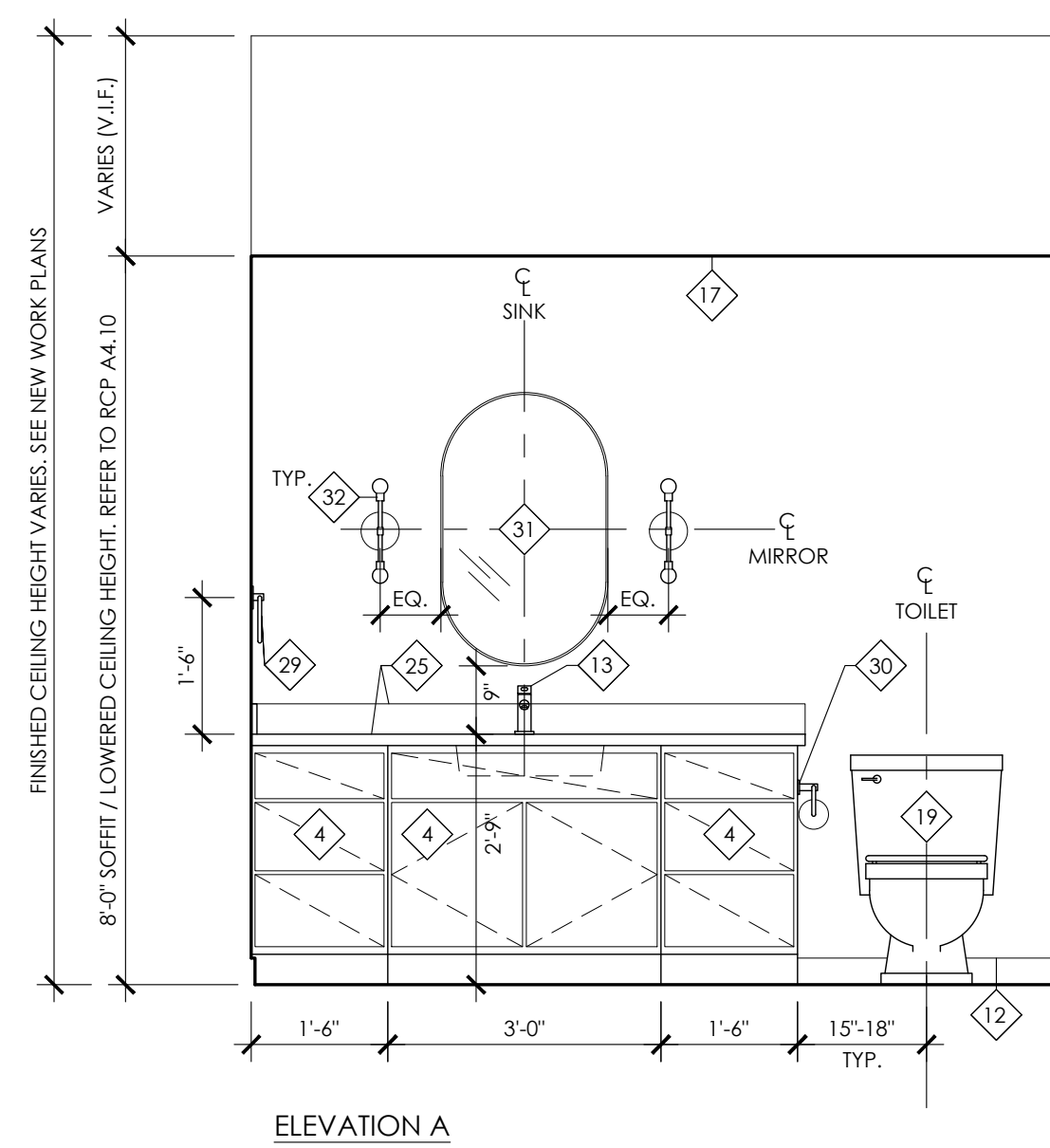
ENLARGED PLANS ANS 117.1 ACCESSIBILITY CLEARANCES NOTES [SEE PLANS]

- 60" X 18" MIN. BEYOND LATCH DOOR CLEARANCE ON FULL SIDE (FRONT APPROACH).
- 48" X DOOR WITH DOOR CLEARANCE ON FULL SIDE (FRONT APPROACH).
- 48" X 24" MIN. BEYOND LATCH DOOR CLEARANCE ON FULL SIDE (LATCH APPROACH).
- 30" X 48" CLEAR FLOOR SPACE AT REFRIGERATOR (SIDE APPROACH).
- 30" X 48" CLEAR FLOOR SPACE AT COOKTOP (SIDE APPROACH).
- 30" X 48" CLEAR FLOOR SPACE ADJACENT TO OVEN DOOR IN OPEN POSITION (SIDE APPROACH).
- 30" X 48" CLEAR FLOOR SPACE AT WORK SPACE (FRONT APPROACH).
- 30" X 48" CLEAR FLOOR SPACE AT KITCHEN SINK (FRONT APPROACH).
- 30" X 48" CLEAR FLOOR SPACE AT ROLL-IN SHOWER.
- 30" X 48" CLEAR FLOOR SPACE AT BATHROOM SINK (FRONT APPROACH).
- 66" X 60" CLEAR FLOOR SPACE AT TOILET.
- 30" X 48" CLEAR FLOOR SPACE.
- 60" DIAMETER TURNING RADIUS.
- 30" X 48" CLEAR FLOOR SPACE AT DSHWASHER (SIDE APPROACH)

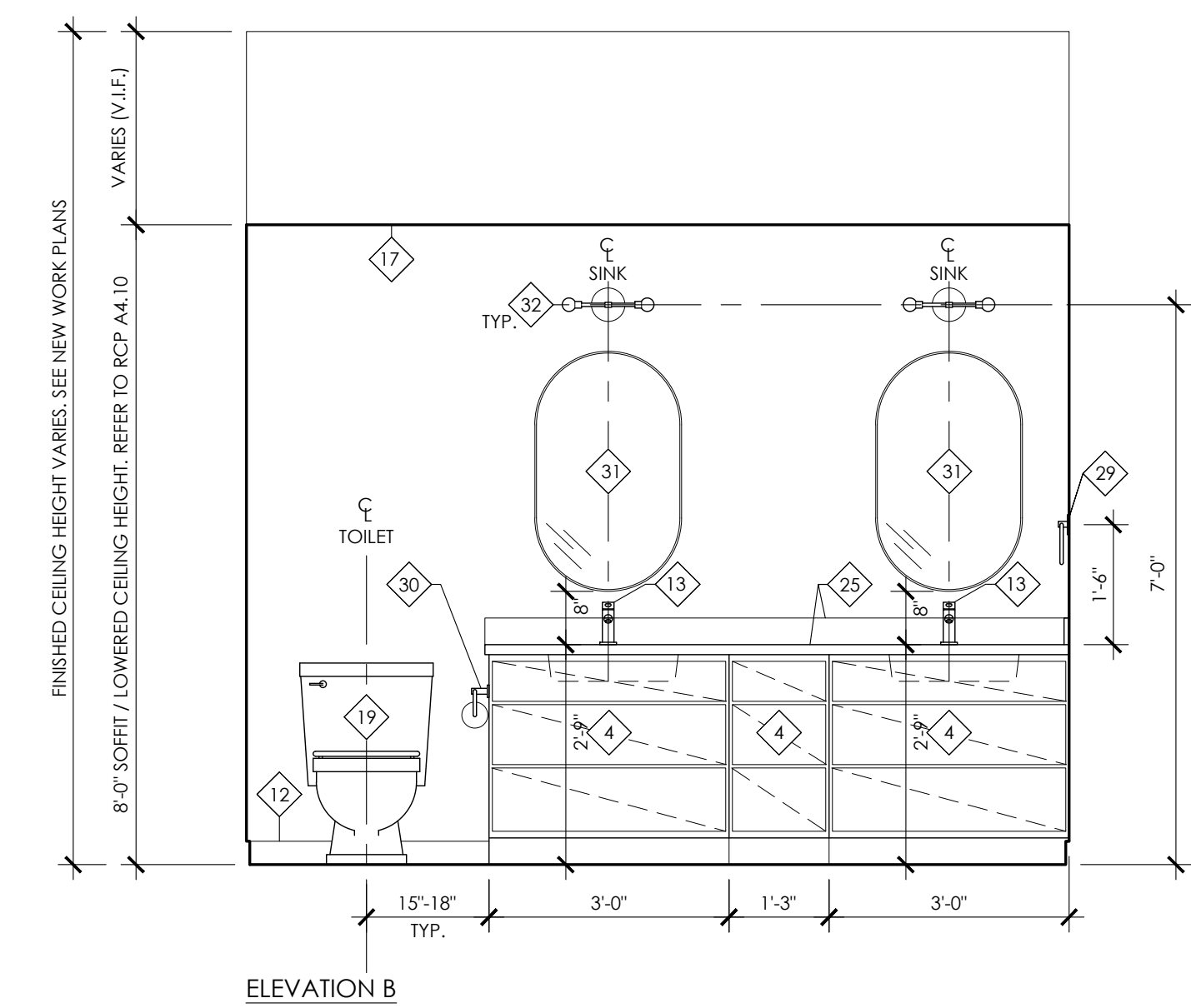
ENLARGED PLANS AND INTERIOR ELEVATION KEYED NOTES

- COUNTERTOP WITH TILE BACKPLASH (WHERE APPLICABLE)
- 24" DEEP BASE CABINETS.
- 12" DEEP WALL CABINETS.
- 21" DEEP VANITY BASE CABINETS.
- 1 1/2" COUNTERTOP SUPPORT PANEL, FINISHED TO MATCH CABINETS.
- KITCHEN SINK WITH GARBAGE DISPOSAL, SINK AND FAUCET IN ACCESSIBLE UNITS SHALL BE ANSI 117.1 COMPLIANT.
- DROP-IN ANSI 117.1 COMPLIANT ELECTRIC RANGE, BASIS OF DESIGN: GE MODEL# JDB305F
- ELECTRIC RANGE, BASIS OF DESIGN: GE MODEL# JB649K55
- RANGE HOOD, IN ACCESSIBLE UNITS PROVIDE WALL SWITCHES FOR HOOD FAN AND HOOD LIGHT, BASIS OF DESIGN: GE MODEL# JYK3355S5
- REFRIGERATOR, ANSI 117.1 / ADA COMPLIANT IN ACCESSIBLE UNITS, BASIS OF DESIGN: GE MODEL# GYE18JPL5
- PROVIDE FILLER PANEL TO MATCH CABINET FINISH.
- WALL BASE, SEE FINISH SCHEDULE ON A.D.S.
- VANITY FAUCET AT VANITY SINK, PROVIDE ANSI 117.1/ ADA COMPLIANT LEVER HANDLE IN ACCESSIBLE TYPE A UNITS.
- 3/4" FINISH PANEL TO MATCH CABINETS.
- 24" DEEP WALL-HUNG ANSI 117.1/ ADA COMPLIANT SINK CABINET WITH REMOVABLE PANEL W/ CLIPS.
- 21" DEEP WALL-HUNG ANSI 117.1/ ADA COMPLIANT VANITY CABINET WITH REMOVABLE PANEL W/ CLIPS.
- DIPSUM BOARD SOFFIT / LOWERED CEILING.
- 24" DEEP AND 96" TALL LINEN CABINET, WIDTH VARIES - REFER TO TAG ON PLAN.
- FLOOR MOUNTED TOILET (ANSI 117.1/ ADA COMPLIANT IN ACCESSIBLE TYPE A UNITS).
- ANCHORED METAL GRAB BARS PER ANSI A117.1.
- 30" X 60" ANSI 117.1/ ADA COMPLIANT ROLL-IN SHOWER W/ FIBERGLASS SURROUND AND BASE.
- SHOWER PAN WITH TILE SURROUND.
- HAND SHOWER WITH 59" LONG HOSE AND ADJUSTABLE HEIGHT MOUNTING BAR, TOP OF HAND SPRAYER @ 48" AFF IN LOWEST POSITION.
- FOLDING SHOWER SEAT PER ANSI A117.1. PROVIDE BLOCKING.
- COUNTERTOP WITH INTEGRAL BOWL SINK AND 4" BACKPLASH.
- SHOWER HEAD AND VALVE, CENTER ON SHOWER PAN, TYP. UICDN.
- ANCHORED SHOWER CURTAIN ROD, MOUNTED @ 78" A.F.F.
- TOWEL BAR.
- HAND TOWEL BAR.
- TOILET PAPER HOLDER, WHERE ATTACHED TO VANITY BASE, COORDINATE PLACEMENT WITH DRAWERS.
- FRAMED MIRROR, CENTERED ON VANITY, U.N.D.
- VANITY LIGHT.
- PROVIDE REQUIRED KNEE AND TOE CLEARANCE PER ANSI 117.1 AT SINK AND WORKSPACE, AS INDICATED W/ HATCH AREA, PLUMBING SHALL NOT ENCRUSH INTO KNEE AND TOE CLEAR AREA, INSULATE EXPOSED PIPES TO PROTECT AGAINST CONTACT.
- ANSI 117.1/ ADA COMPLIANT SHOWER VALVE.
- 24" DEEP DSHWASHER, BASIS OF DESIGN: GE MODEL# GDD33SP585
- SHOWER WALL TILE (FULL HEIGHT), PROVIDE SCHLUTER SCHEDE ALUMINUM TRIM AT ENDS.
- WASHER AND DRYER WITH PLUMBED WASHER PAN, PROVIDE SIDE-BY-SIDE ACCESSIBLE FRONT LOADING WASHER AND DRYER ON RISERS AND DRIP PAN IN ACCESSIBLE TYPE A UNITS, BASIS OF DESIGN: GE MODEL# GFW14855AWW GFI14855AWW, GFI14855AWW
- THRESHOLD WITH BEVEL WHERE REQUIRED FOR FLOOR TRANSITION.
- NOT USED
- ADA COMPLIANT ADJUSTABLE HEIGHT DSHWASHER, BASIS OF DESIGN: GE MODEL# GDT2265L55
- MICROWAVE WITH RECIRCULATING HOOD, BASIS OF DESIGN: GE MODEL# JN43143R55. SEE MECH. DIAGRAMS FOR DUCTED HOOD LOCATIONS.
- ROBE HOOK CENTERED ON DOOR, MOUNT AT 5'-0" A.F.F.
- ACCESSIBLE COUNTERTOP MICROWAVE, BASIS OF DESIGN: GE MODEL# FFS2275L55
- FLUSH FLOOR DRAIN, COORDINATE LOCATION WITH OWNER.
- RECESS SHOWER AS NECESSARY FOR ACCESSIBILITY REQUIREMENTS.
- NOT USED
- NOT USED
- COUNTERTOP SUPPORT LEGS
- FINISHED PANEL TO MATCH CABINETS, PROVIDE 3/4" REVEAL AT BOTTOM OF EXPOSED PANEL.
- UNDER CABINET LIGHT.
- 24" DEEP WALL CABINET, PROVIDE BLOCKING AS REQUIRED IN ORDER TO ALIGN CABINET FACE WITH ADJACENT 24" DEEP VERTICAL PANEL (WHERE APPLICABLE).
- TALL PANNY CABINET WITH FULL OUT SHELVES, DEPTH VARIES - SEE NEW WORK PLAN.
- 2" SQUARE INCLUDING TRIM TO MATCH CABINET.
- 18" DEEP WALL CABINET
- 12" DEEP BASE CABINET, ALIGN OUTSIDE FACE OF CABINET WITH ADJACENT CABINETS.

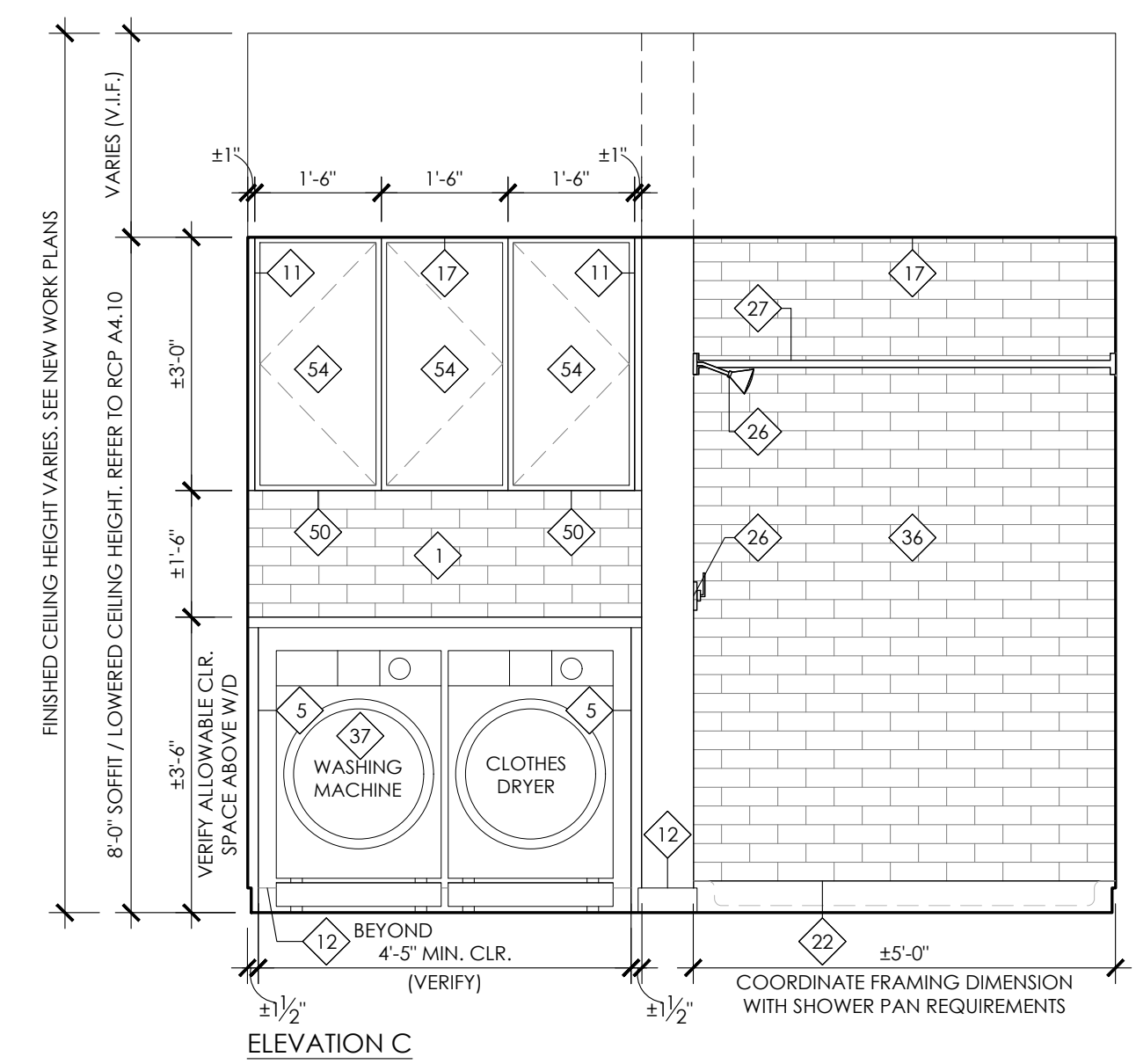
56. SURFACE MOUNTED 12" DEEP SHELVES.
57. PENDANT LIGHT, REFER TO R.C.P.S.
58. 1-1/8" PANEL FRAME AND OPEN SHELVES, COORDINATE WITH OWNER AND MILLWORK PROVIDER.



UNIT 408 - BATHROOM ELEVATION
(UNITS 508, 608, 708, 808, 908, 1008 SIMILAR)



UNIT 409 - BATHROOM ELEVATIONS
(UNITS 509, 609, 709, 809, 909, 1009 SIMILAR)



NOTE: COORDINATE PLUMBING FIXTURE AND ACCESSORY INSTALLATION HEIGHTS WITH THE WALL TILE JOINT LAYOUT

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10.27.2022
PERMIT REVISION 1
12.27.2022
BULLETIN 1

TYPICAL UNIT INTERIOR ELEVATIONS

A7.06

PROJECT INFORMATION / CODE NOTES

- 1. PROJECT LOCATION: MERCANTILE LIBRARY BUILDING.
414 WALNUT STREET CINCINNATI, OH 45202
2ND-10TH FLOORS AND 12TH FLOOR
- 2. DESCRIPTION: **THIS PROJECT IS SELECTIVE NON-BEARING INTERIOR DEMOLITION** OF PARTITIONS, DOORS, CEILINGS, FINISHES, AND NON-OPERATIONAL HVAC, PLUMBING AND ELECTRIC SYSTEMS. NO EXTERIOR WORK IS PROPOSED AT THIS TIME. THE 1ST FLOOR SPACE, THE 11TH FLOOR LIBRARY AND ASSOCIATED 12TH FLOOR CONFERENCE ROOM WILL REMAIN OCCUPIED DURING THIS SELECTIVE DEMOLITION. OVERALL RENOVATION OF THIS 13-STORY HISTORIC STRUCTURE WILL BE SUBMITTED UNDER SEPARATE PERMIT.

THIS PROJECT IS PURSUING STATE AND FEDERAL HISTORIC TAX CREDITS. THE APPROVED PART 2 NARRATIVE IS PART OF THE CONSTRUCTION DOCUMENTS. NOTIFY ARCHITECT IF HISTORIC FABRIC, NOT NOTED, IS UNCOVERED. 12TH FLOOR INTERIOR DEMOLITION IS CURRENTLY NOT INCLUDED IN THE APPROVED PART 2. A PART 2 AMENDMENT WILL NEED TO BE SUBMITTED.
- 3. GOVERNING CODE: 2017 OBC (OHIO BUILDING CODE)
- 4. ZONING DESIGNATION: DD - DOWNTOWN DEVELOPMENT DISTRICT
- 5. CONSTRUCTION TYPE: EXISTING TYPE IB
EXIST. CONSTRUCTION

| | |
|-----------------------|--------------------|
| EXTERIOR BEARING: | MASONRY |
| INTERIOR BEARING: | MASONRY/STEEL |
| INTERIOR NON-BEARING: | CLAY TILE/METAL |
| FLOOR STRUCTURE: | CONCRETE/CLAY TILE |
| ROOF STRUCTURE: | CONCRETE/CLAY TILE |

| | | |
|--------------------|-------------|------------|
| 6. SQUARE FOOTAGE: | 2ND FLOOR: | 9,180 GSF |
| | 3RD FLOOR: | 8,920 GSF |
| | 4TH FLOOR: | 8,920 GSF |
| | 5TH FLOOR: | 8,920 GSF |
| | 6TH FLOOR: | 8,920 GSF |
| | 7TH FLOOR: | 8,920 GSF |
| | 8TH FLOOR: | 8,920 GSF |
| | 9TH FLOOR: | 8,920 GSF |
| | 10TH FLOOR: | 8,920 GSF |
| | 12TH FLOOR: | 7,720 GSF |
| | TOTAL: | 88,260 GSF |



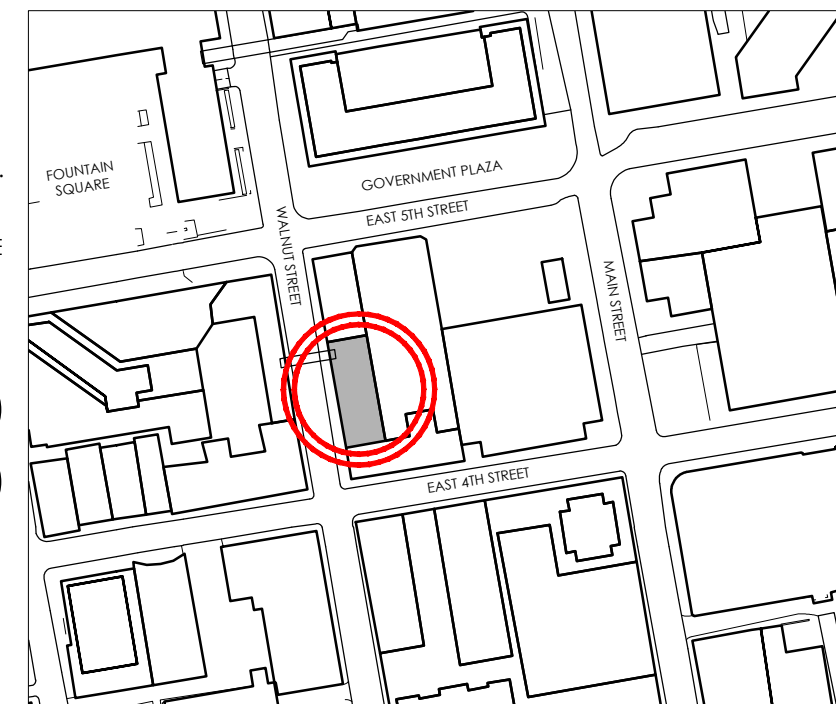
GENERAL PROJECT NOTES

1. THE GENERAL CONTRACTOR (G.C.) SHALL VERIFY ALL INFORMATION IN THESE DRAWINGS AND SHALL REPORT ANY ERRORS, OMISSIONS, OR DISCREPANCIES TO THE ARCHITECT BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DEPARTURES FROM THESE PLANS NOT APPROVED IN WRITING BY THE ARCHITECT.
2. THE ARCHITECT HAS MADE NO INVESTIGATION TO DETERMINE IF ASBESTOS OR ANY OTHER HAZARDOUS MATERIAL IS PRESENT IN EXISTING CONSTRUCTION AND ASSUMES NO RESPONSIBILITY WITH REGARD TO ASBESTOS OR ANY OTHER HAZARDOUS MATERIAL.
3. THE G.C. IS TO REVIEW THESE DRAWINGS AND VISIT THE SITE BEFORE COMMENCING THE PROJECT IN ORDER TO FAMILIARIZE HIM OR HERSELF WITH THE PROPOSED WORK.
4. THE G.C. IS TO REMOVE ONLY THOSE ELEMENTS SLATED FOR DEMOLITION EITHER GRAPHICALLY OR BY NOTATION. NO OTHER ELEMENTS ARE TO BE REMOVED. IF THE CONTRACTOR QUESTIONS THE REMOVAL OF AN ELEMENT, OR IF THERE IS A CONFLICT BETWEEN THE NOTES AND THE GRAPHICS, CONTRACTOR IS TO ASK THE ARCHITECT IMMEDIATELY.
5. THE G.C. IS TO PROTECT AND SAVE BUILDING ELEMENTS CONNECTED TO, OR ADJACENT TO, THOSE ELEMENTS WHICH ARE SLATED TO BE REMOVED.
6. THE G.C. SHALL NOT REMOVE ANY ELEMENTS WHICH MAY CAUSE THE STRUCTURE TO BECOME UNSTABLE, OR THAT WILL POSE A RISK TO PERSONS OR PROPERTY, EVEN IF INDICATED IN PLANS. IF ANY ELEMENTS BECOME UNSTABLE, CONTRACTOR IS TO STABILIZE AND SHALL INFORM THE ARCHITECT/OWNER IMMEDIATELY.
7. IT IS UP TO THE G.C. TO CONTINUALLY EVALUATE THE STRUCTURAL STABILITY OF THE BUILDING AND THE INTEGRITY OF ELEMENTS BOTH STRUCTURAL AND NON-STRUCTURAL THAT ARE SHOWN TO REMAIN. IF THE CONTRACTOR DETERMINES THAT SOME OF THESE ELEMENTS SHOULD BE REMOVED, HE/SHE MUST FIRST RECEIVE PERMISSION FROM THE ARCHITECT/OWNER, OR MAY BE FINANCIALLY RESPONSIBLE FOR THE REPLACEMENT OF THESE ELEMENTS.
8. THE G.C. IS RESPONSIBLE FOR THE REMOVAL OF ALL TRASH AND DEBRIS THROUGHOUT THE WORK. ALL DEBRIS MUST BE REMOVED AND DISCARDED IN A SAFE AND LEGAL MANNER.
9. THE G.C. IS RESPONSIBLE FOR THE PROCUREMENT OF ANY ADDITIONAL MATERIALS, EQUIPMENT, AND PERMITS AND FOR ANY FEES, PENALTIES OR RENTAL COSTS ASSOCIATED WITH THE DEMOLITION WORK.
10. THE G.C. SHALL IDENTIFY, LOCATE AND PROTECT ANY ABOVE AND BELOW-GROUND UTILITIES ON SITE DURING THE COURSE OF THE DEMOLITION WORK. UPON COMPLETION, CONTRACTOR IS TO LEAVE ALL UTILITY LINES AND CONNECTIONS IN A STABLE, PROTECTED STATE.
11. THE G.C. IS TO PROTECT THE BUILDING FROM THE ELEMENTS, THEFT AND VANDALISM AT ALL TIMES DURING WORK.
12. THE PROJECT IS PURSUING STATE AND FEDERAL HISTORIC TAX CREDITS. NOTIFY ARCHITECT IF HISTORIC FABRIC, NOT NOTED, IS UNCOVERED. ANY CHANGE TO THE PROPOSED WORK IN THE ATTACHED DRAWINGS AND/OR THE HISTORIC PART 2 DOCUMENTATION ARE TO BE REVIEWED BY THE ARCHITECT TO DETERMINE IF THE CHANGE IS ACCEPTABLE TO SHPO (STATE HISTORIC PRESERVATION OFFICE), AND NPS (NATIONAL PARK SERVICE). AMENDMENTS MAY NEED TO BE SUBMITTED TO SHPO/NPS FOR FORMAL APPROVAL.
13. TEMPORARY HEAT TO BE PROVIDED THROUGHOUT BUILDING AS NECESSARY TO PROTECT PLUMBING AND FIRE SUPPRESSION SYSTEMS. SEE SHEET A0.1a.
14. CONTRACTOR TO FOLLOW THE FIRE SAFETY PROVISIONS LISTED ON SHEET A0.1a AS REQUIRED BY THE CITY OF CINCINNATI FIRE DEPARTMENT. ADDITIONALLY, THE CONTRACTOR IS TO ADHERE TO THE CONDITIONALLY APPROVED ACTION PLAN SUBMITTED BY THE CONTRACTOR TO THE CITY OF CINCINNATI FIRE DEPARTMENT AS SHOWN ON SHEET A0.1a. CONTRACTOR TO RECEIVE FULL APPROVAL BY CAPTAIN HART PRIOR TO STARTING WORK.

DRAWING INDEX

- A0.1 TITLE SHEET, INDEX, LEGENDS & PROJECT INFO
- A0.1a FIRE SAFETY AND DEMOLITION PROVISIONS
- A2.00 BASEMENT DEMO PLAN
- A2.01 FIRST FLOOR DEMO PLAN
- A2.02 SECOND FLOOR DEMO PLAN
- A2.03 THIRD FLOOR DEMO PLAN
- A2.04 FOURTH FLOOR DEMO PLAN
- A2.05 FIFTH FLOOR DEMO PLAN
- A2.06 SIXTH FLOOR DEMO PLAN
- A2.07 SEVENTH FLOOR DEMO PLAN
- A2.08 EIGHTH FLOOR DEMO PLAN
- A2.09 NINTH FLOOR DEMO PLAN
- A2.10 TENTH FLOOR DEMO PLAN
- A2.11 ELEVENTH FLOOR DEMO PLAN
- A2.12 TWELFTH FLOOR DEMO PLAN
- A2.13 THIRTEENTH FLOOR DEMO PLAN
- A2.14 PENTHOUSE / ROOF DEMO PLAN

SITE PLAN



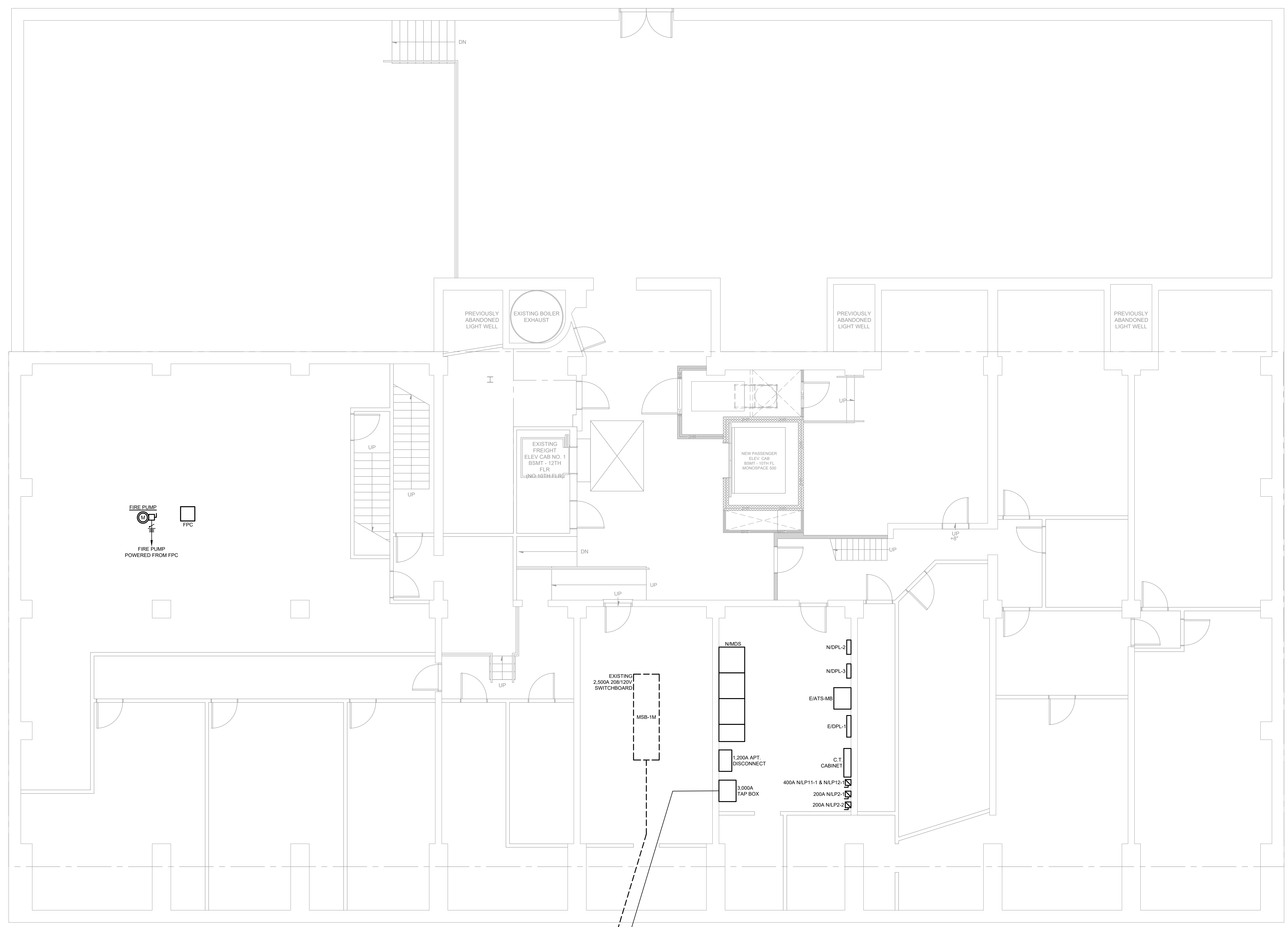
A0.1

SELECTIVE / NON-STRUCTURAL
DEMOLITION PERMIT SET
06.30.2022
REVISION 1
08.26.2022

MERCANTILE LIBRARY BUILDING
414 WALNUT STREET
Cincinnati, OH 45202

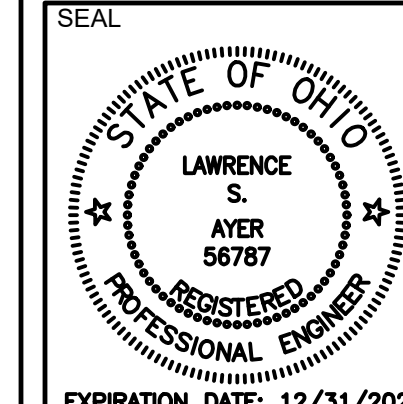
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1 BASEMENT ELECTRIC PLAN
 SCALE: 3/16" = 1'-0"

| NO. | DATE | ISSUED FOR |
|-----|------------|------------|
| | 12/30/2022 | PERMIT |



SIGNATURE
Lawrence S. Myer
 DATE

BASEMENT ELECTRIC PLAN

| | |
|-------------|------------|
| DRAWN BY: | S.J.G. AGR |
| CHECKED BY: | S.J.G. |
| SCALE: | AS NOTED |
| JOB NUMBER: | 57080 |
| START DATE: | 11/02/2022 |

E1.00

| PLAN NOTES | |
|------------|--|
| ① | NO NEW WORK IN THIS AREA. |
| ② | FIRE ALARM CONTROL PANEL LOCATED IN FORMICA BUILDING ON THE FIRST FLOOR IN LOCATION SHOWN. |

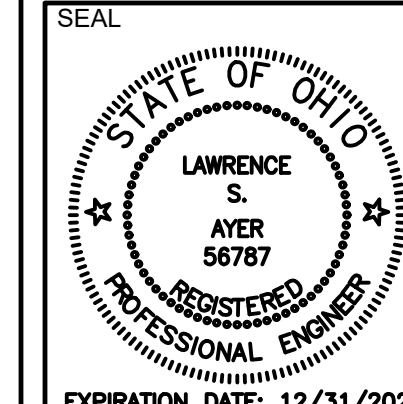
BIZ COM
 Contracting and Engineering
 682 Tuxedo Place
 Cincinnati, Ohio 45206
 (513) 961 7200
 (513) 961 7306

INTERIOR ALTERATIONS
 FOR
MERCANTILE LIBRARY BUILDING
 414 WALNUT STREET
 CINCINNATI, OH 45202



1 FIRST FLOOR ELECTRIC PLAN
 SCALE: 3/16" = 1'-0"
 0' 2' 4' 10'

| | |
|-------------------|------------|
| ISSUED FOR PERMIT | |
| DATE | 12/30/2022 |
| NO. | |



SIGNATURE
Lawrence S. Myer
 DATE

FIRST FLOOR ELECTRIC PLAN

| | |
|-------------|------------|
| DRAWN BY: | SJG, AGR |
| CHECKED BY: | SJG |
| SCALE: | AS NOTED |
| JOB NUMBER: | 57080 |
| START DATE: | 11/02/2022 |

E1.01

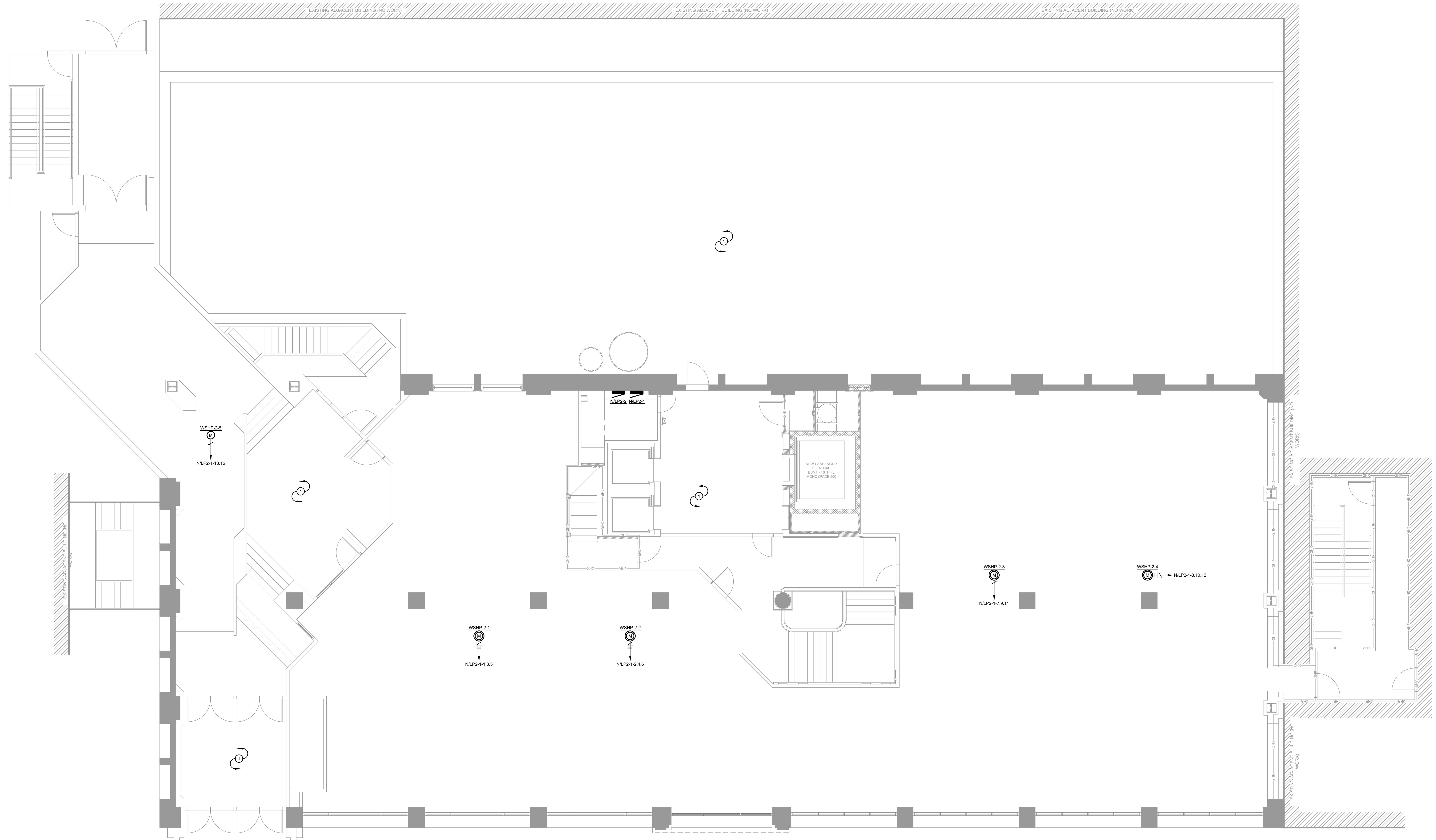
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| PLAN NOTES | |
|------------|---------------------------|
| ① | NO NEW WORK IN THIS AREA. |



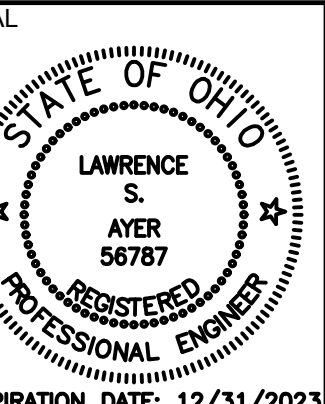
Contracting and Engineering
 682 Tuxedo Place
 Cincinnati, Ohio 45206
 (513) 961 7200
 (513) 961 7306

INTERIOR ALTERATIONS
 FOR
MERCANTILE LIBRARY BUILDING
 414 WALNUT STREET
 CINCINNATI, OH 45202



1 SECOND FLOOR ELECTRIC PLAN
 SCALE: 3/16" = 1'-0"
 0 2' 4' 10'

| NO. | ISSUED FOR | PERMIT |
|------|------------|--------|
| DATE | 12/30/2022 | |



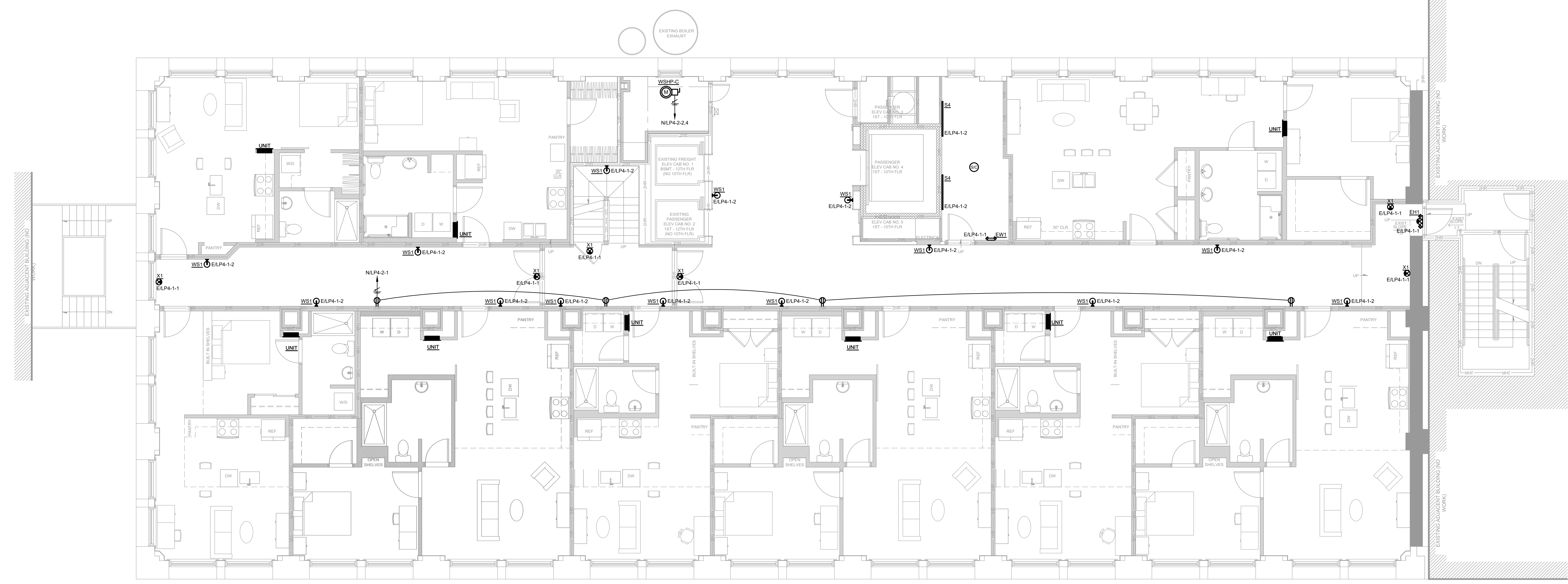
SIGNATURE
Lawrence S. Myer
 DATE

SECOND FLOOR ELECTRIC PLAN

| | |
|-------------|------------|
| DRAWN BY: | SJG, AGR |
| CHECKED BY: | SJG |
| SCALE: | AS NOTED |
| JOB NUMBER: | 57080 |
| START DATE: | 11/02/2022 |

E1.02

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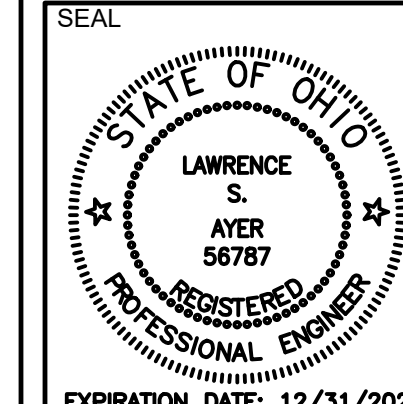


1 THIRD FLOOR ELECTRIC PLAN
SCALE: 3/16" = 1'-0"



2 FOURTH FLOOR ELECTRIC PLAN
SCALE: 3/16" = 1'-0"

| | |
|------------|------------|
| ISSUED FOR | PERMIT |
| DATE | 12/30/2022 |
| NO. | |



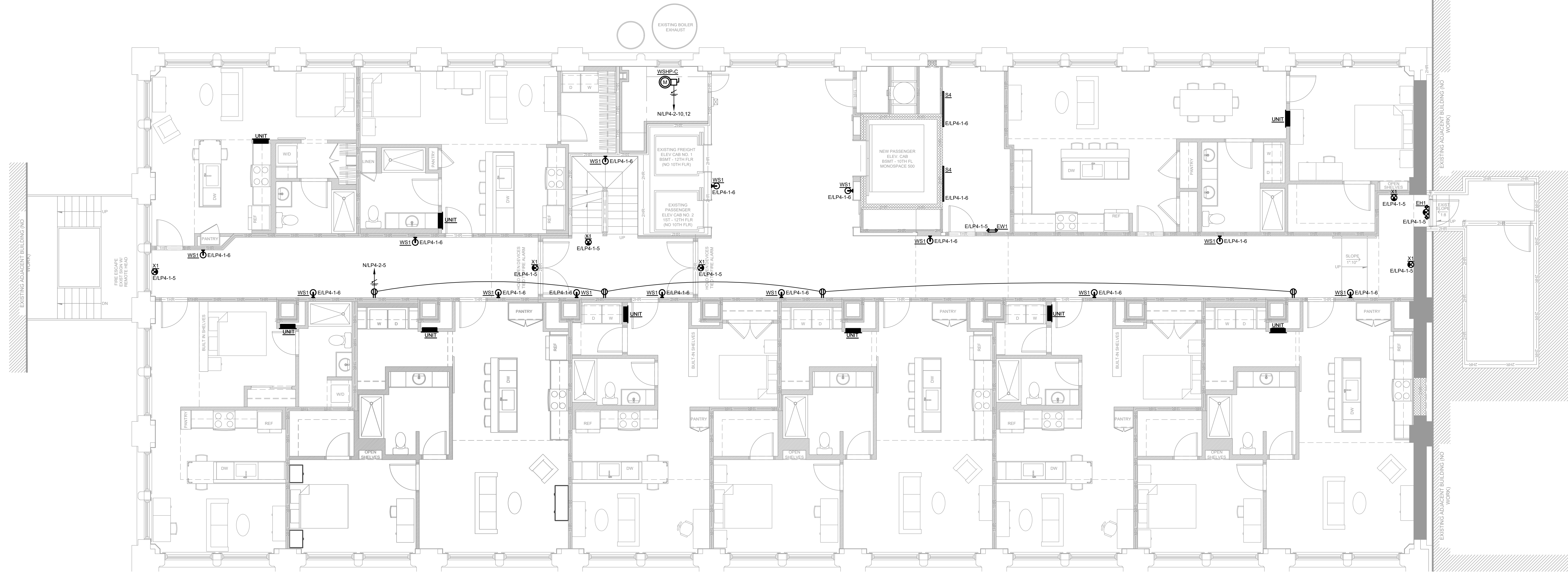
SIGNATURE
Lawrence S. Meyer
DATE

THIRD & FOURTH FLOOR ELECTRIC PLAN

| | |
|-------------|------------|
| DRAWN BY: | S.J.G. AGR |
| CHECKED BY: | S.J.G. |
| SCALE: | AS NOTED |
| JOB NUMBER: | 57080 |
| START DATE: | 11/02/2022 |

E1.03

PLOTTED BY USER ON Friday, December 30, 2022 11:58:08 AM. FILE LOCATION: \\P:\PROJECTS\CURRENT\2022\MODEL\MERCANTILE LIBRARY\WORKING FILES\MERCANTILE LIBRARY SHEETS\E1.03.DWG

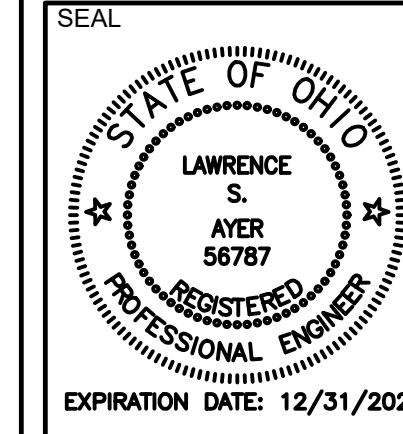


1 FIFTH FLOOR ELECTRIC PLAN
SCALE: 3/16" = 1'-0"



2 SIXTH FLOOR ELECTRIC PLAN
SCALE: 3/16" = 1'-0"

| | |
|------------|------------|
| ISSUED FOR | PERMIT |
| DATE | 12/30/2022 |
| NO. | |

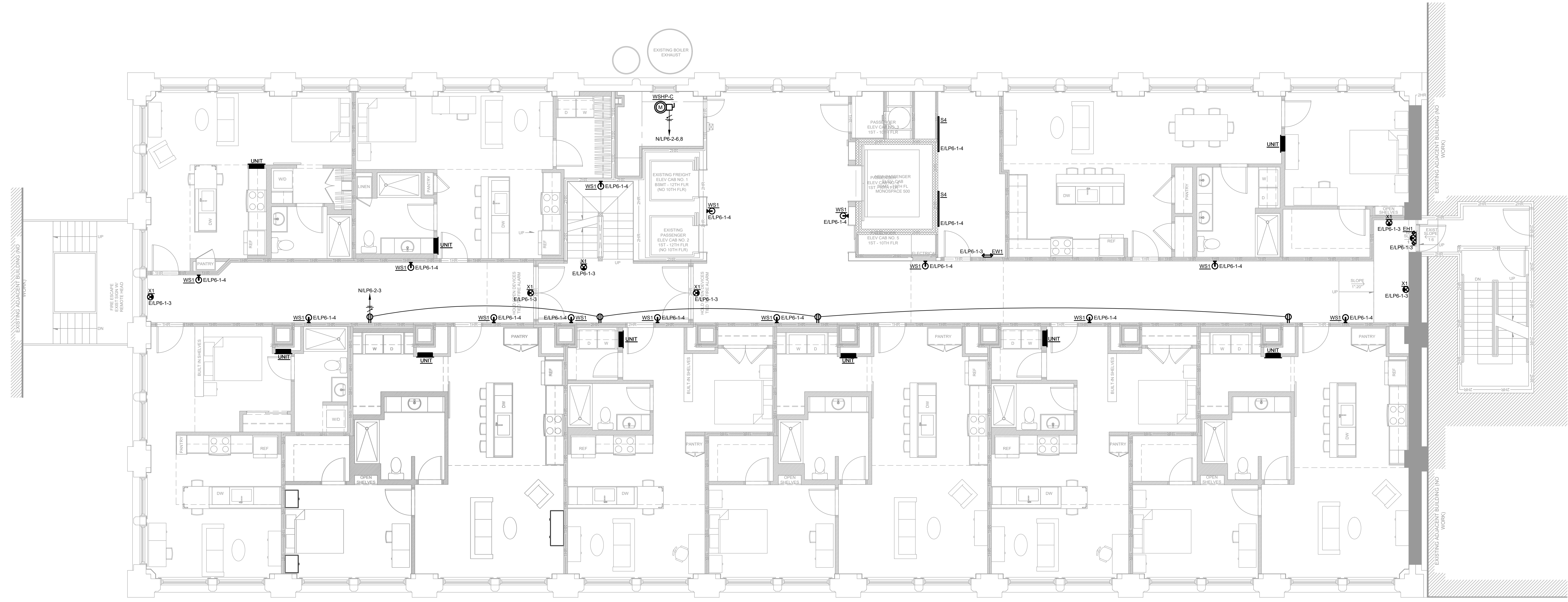


SIGNATURE
Lawrence S. Meyer

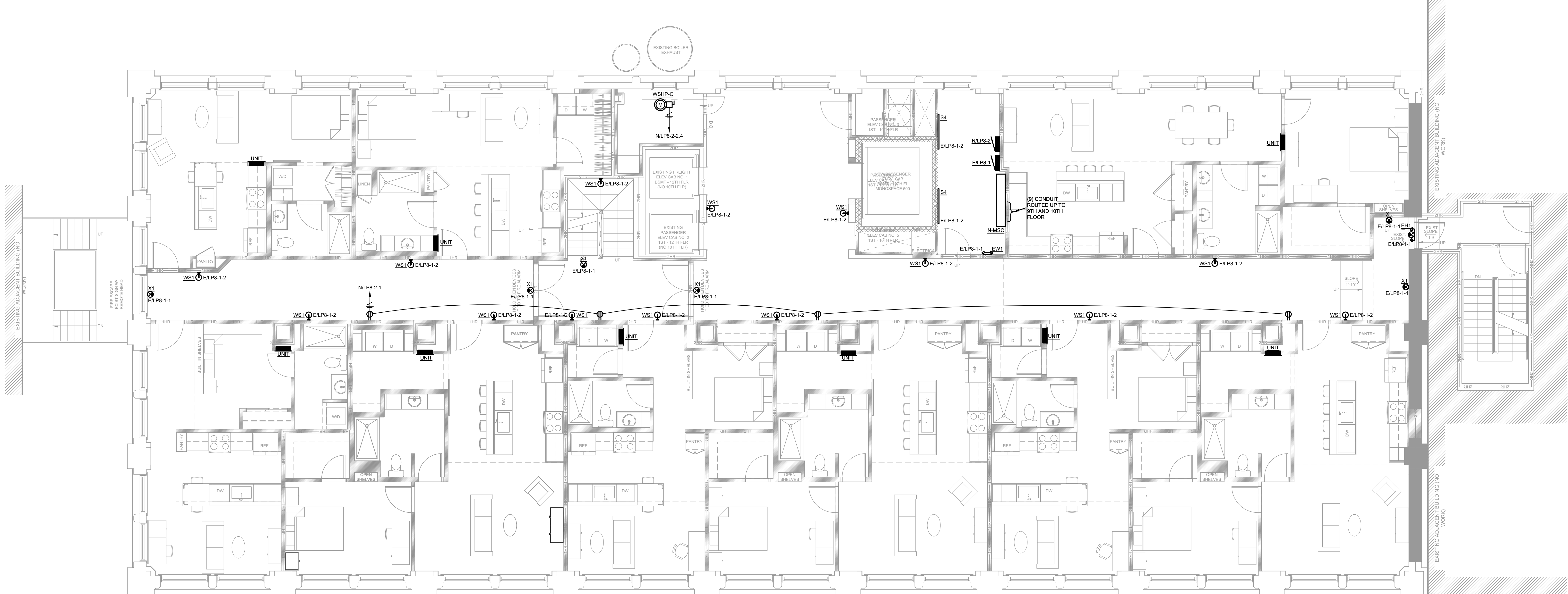
FIFTH & SIXTH FLOOR ELECTRIC PLAN

| | |
|-------------|------------|
| DRAWN BY: | SJG, AGR |
| CHECKED BY: | SJG |
| SCALE: | AS NOTED |
| JOB NUMBER: | 57080 |
| START DATE: | 11/02/2022 |

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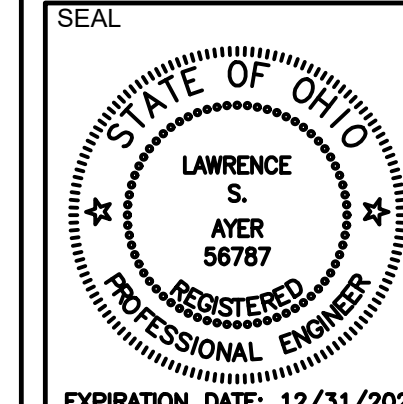


1 SEVENTH FLOOR ELECTRIC PLAN
SCALE: 3/16" = 1'-0"



2 EIGHTH FLOOR ELECTRIC PLAN
SCALE: 3/16" = 1'-0"

| | |
|------------|------------|
| ISSUED FOR | PERMIT |
| DATE | 12/30/2022 |
| NO. | |

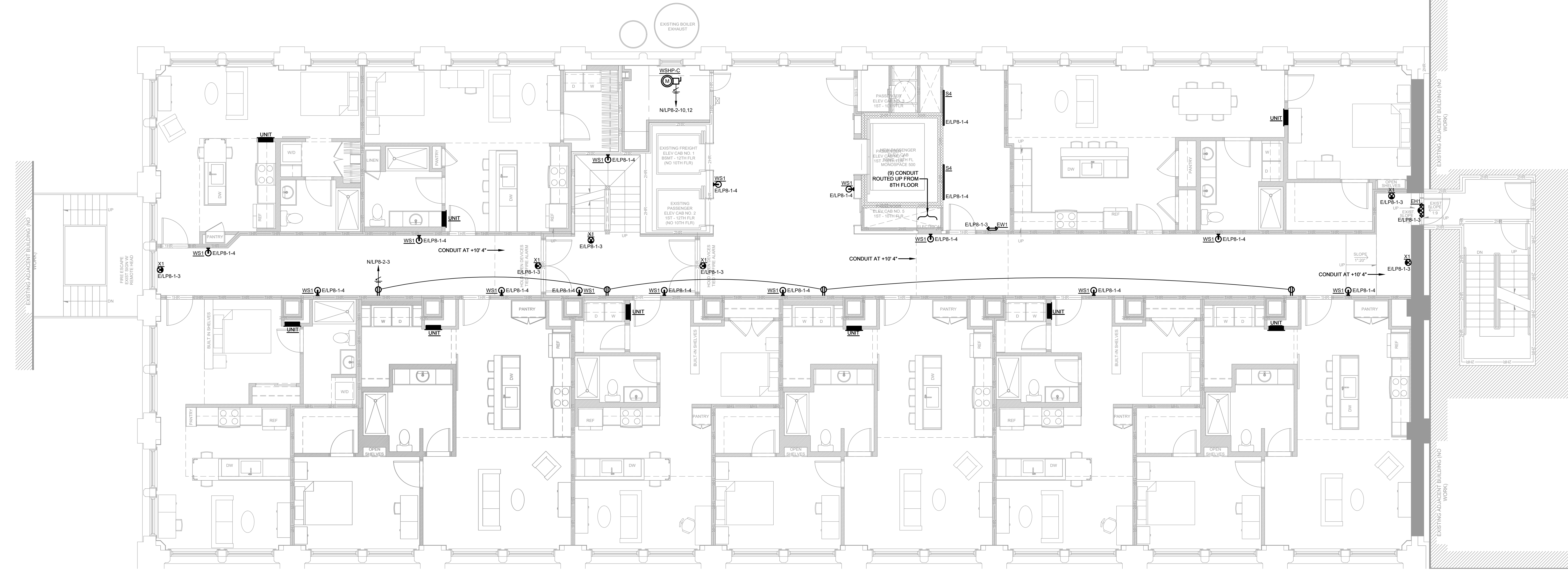


SIGNATURE
Lawrence S. Jager
DATE

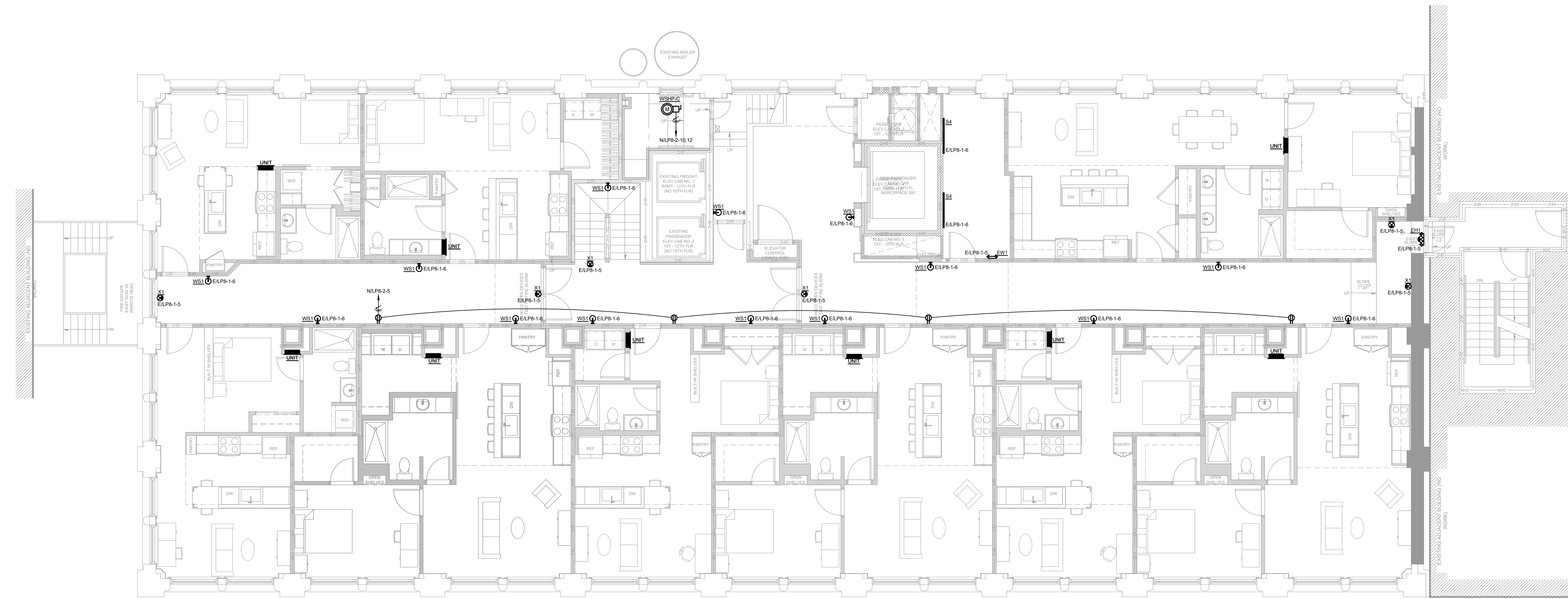
SEVENTH & EIGHTH FLOOR ELECTRIC PLAN

| | |
|-------------|------------|
| DRAWN BY: | S.J.G. AGR |
| CHECKED BY: | S.J.G. |
| SCALE: | AS NOTED |
| JOB NUMBER: | 57080 |
| START DATE: | 11/02/2022 |

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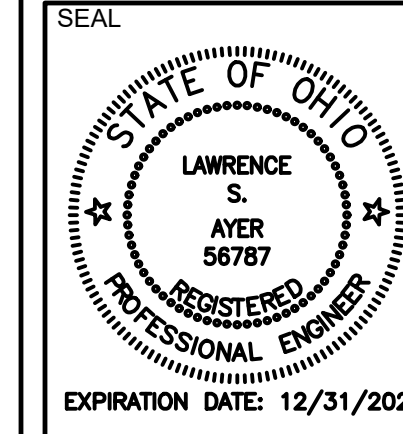


1 NINTH FLOOR ELECTRIC PLAN
SCALE: 3/16" = 1'-0"



2 TENTH FLOOR ELECTRIC PLAN
SCALE: 3/16" = 1'-0"

| | |
|------------|------------|
| NO. | ISSUED FOR |
| DATE | PERMIT |
| 12/30/2022 | |



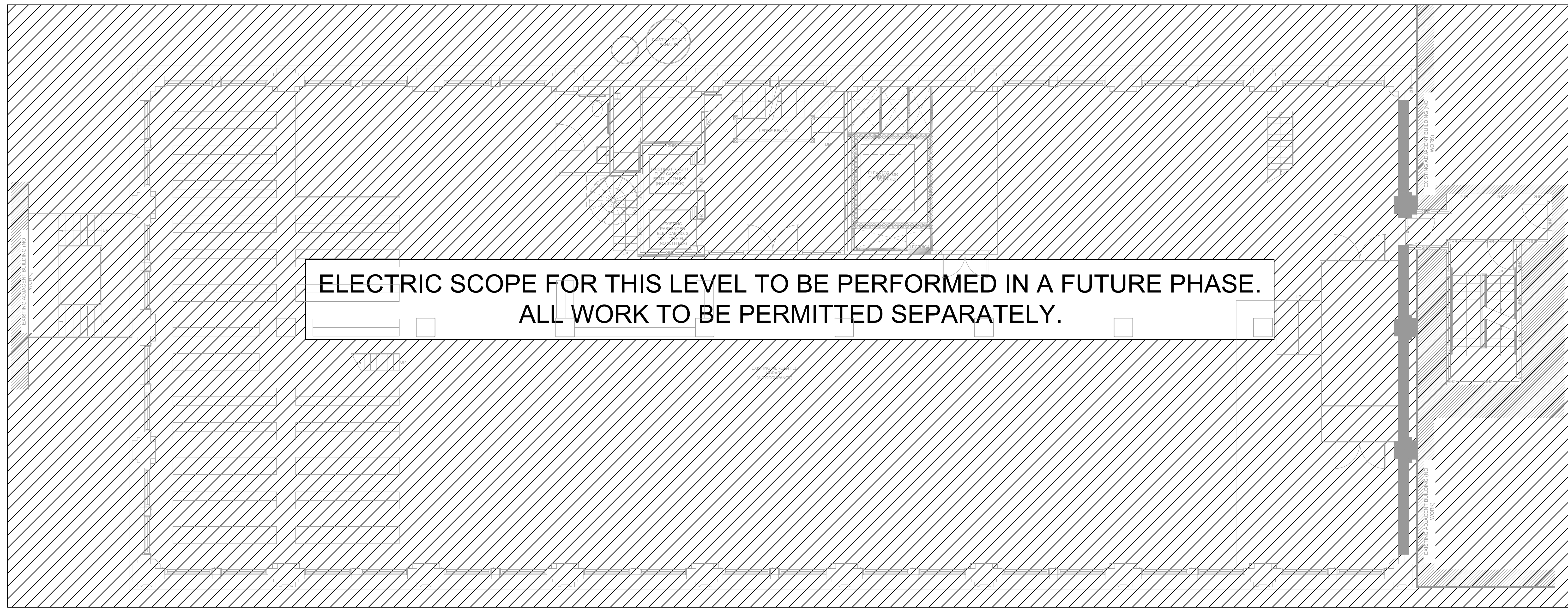
SIGNATURE
Lawrence S. Meyer
DATE

NINTH & TENTH FLOOR ELECTRIC PLAN

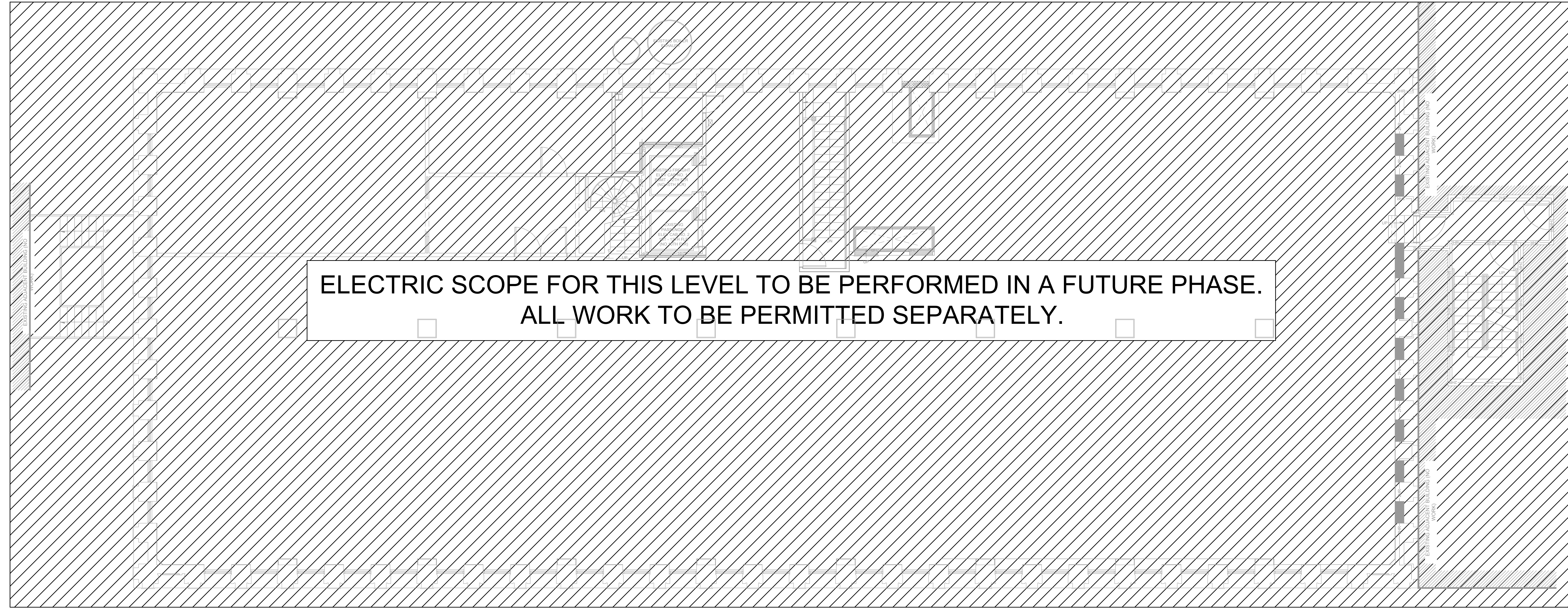
| | |
|-------------|------------|
| DRAWN BY: | S.J.G. AGR |
| CHECKED BY: | S.J.G. |
| SCALE: | AS NOTED |
| JOB NUMBER: | 57080 |
| START DATE: | 11/02/2022 |

E1.06

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1 ELEVENTH FLOOR ELECTRIC PLAN
 SCALE: 3/16" = 1'-0"



2 TWELFTH FLOOR ELECTRIC PLAN
 SCALE: 3/16" = 1'-0"

NOT FOR CONSTRUCTION

| | |
|------------|------------|
| NO. | ISSUED FOR |
| | PERMIT |
| DATE | |
| 12/30/2022 | |

SEAL

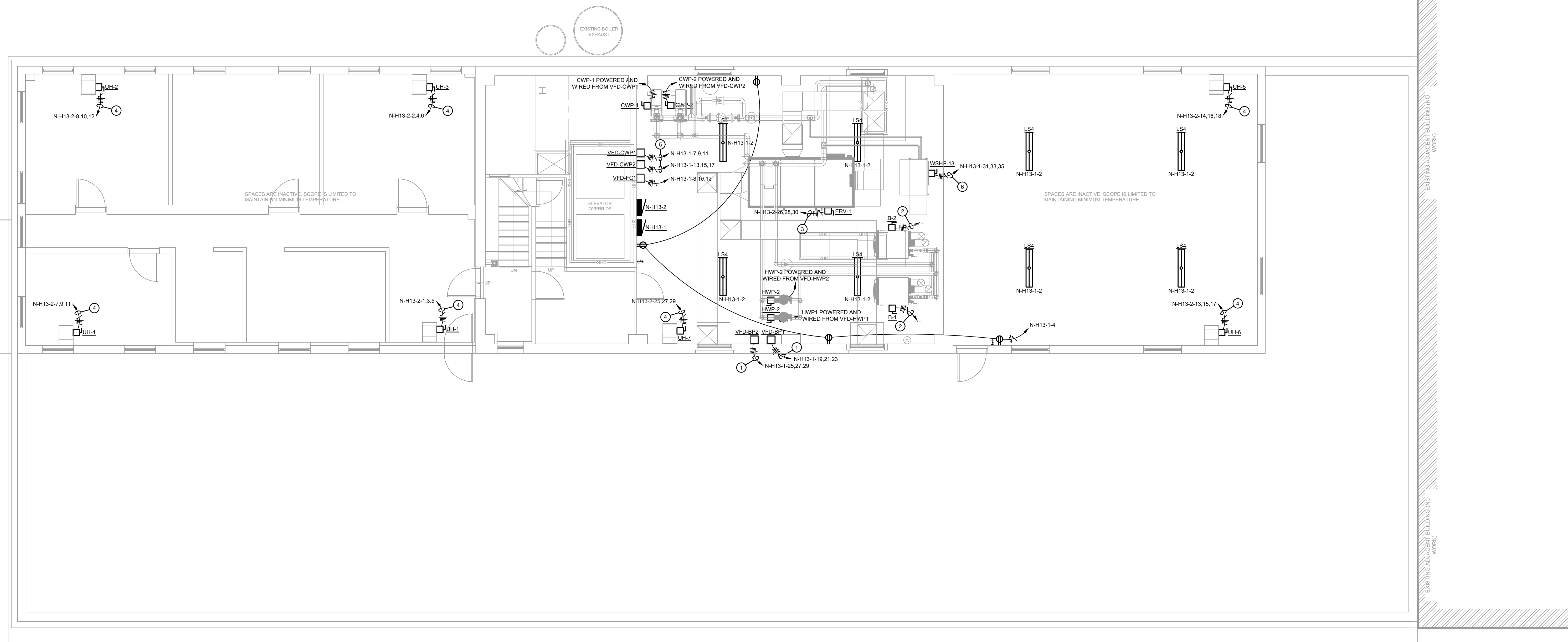
LAWRENCE S. MYER
 REGISTERED PROFESSIONAL ENGINEER
 EXPIRATION DATE: 12/31/2023

SIGNATURE
Lawrence S. Myer
 DATE

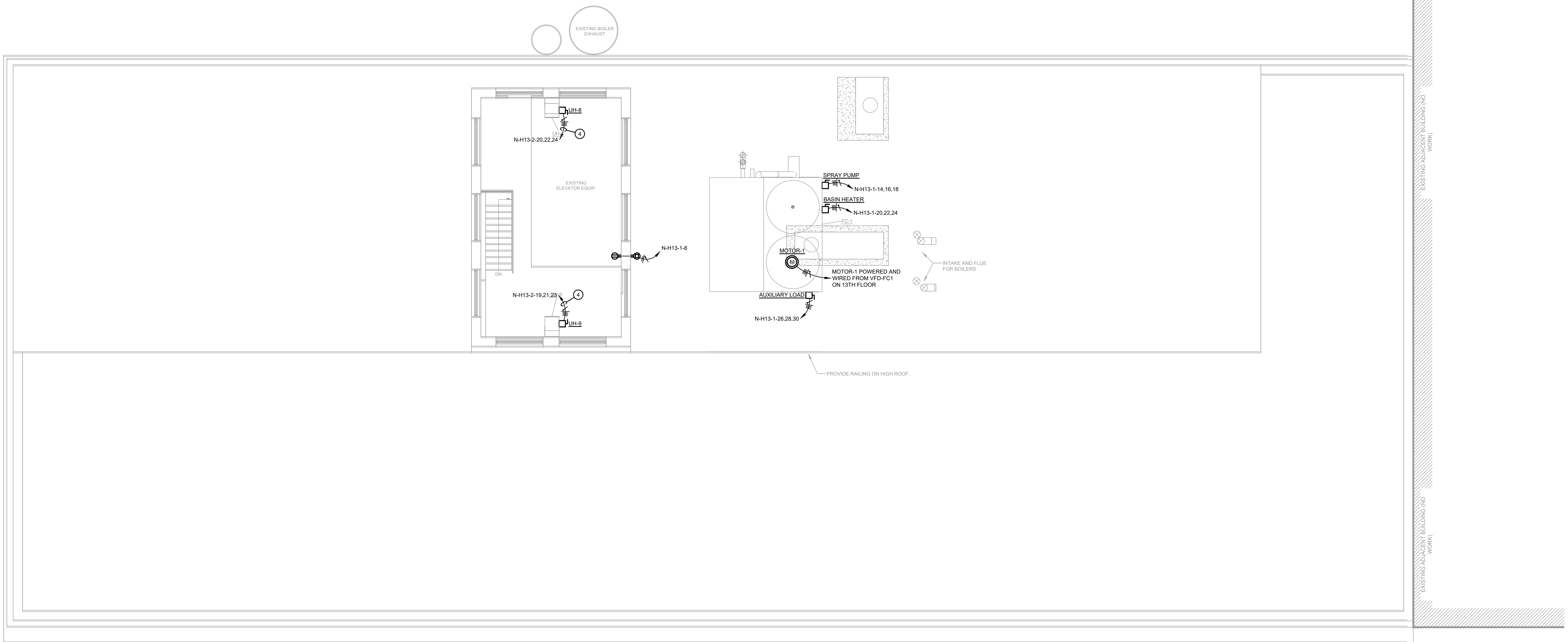
| | |
|--|------------|
| ELEVENTH & TWELFTH FLOOR ELECTRIC PLAN | |
| DRAWN BY: | S.J.G. AGR |
| CHECKED BY: | S.J.G. |
| SCALE: | AS NOTED |
| JOB NUMBER: | 57080 |
| START DATE: | 11/02/2022 |

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| PLAN NOTES | |
|------------|---|
| 1 | (3) #12 & (1) #12 CU. GND IN 3/4" CONDUIT. |
| 2 | (3) #12 & (1) #12 CU. GND IN 3/4" CONDUIT. ROUTE CIRCUIT FOR BOILERS THROUGH VFD BACK TO PANEL. |
| 3 | (3) #2 & (1) #8 CU GND IN 1 1/4" CONDUIT. |
| 4 | (3) #8 & (1) #10 CU GND IN 1" CONDUIT. |
| 5 | (3) #8 & (1) #8 CU GND IN 1 1/4" CONDUIT. |
| 6 | (3) #10 & (1) #10 CU GND IN 3/4" CONDUIT. |

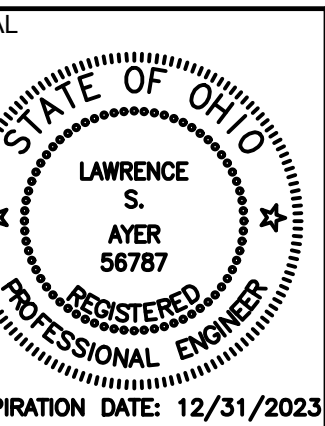


1 THIRTEENTH FLOOR ELECTRIC PLAN
SCALE: 3/16" = 1'-0"



2 PENTHOUSE FLOOR ELECTRIC PLAN
SCALE: 3/16" = 1'-0"

| | |
|------|------------|
| NO. | ISSUED FOR |
| | PERMIT |
| DATE | 12/30/2022 |



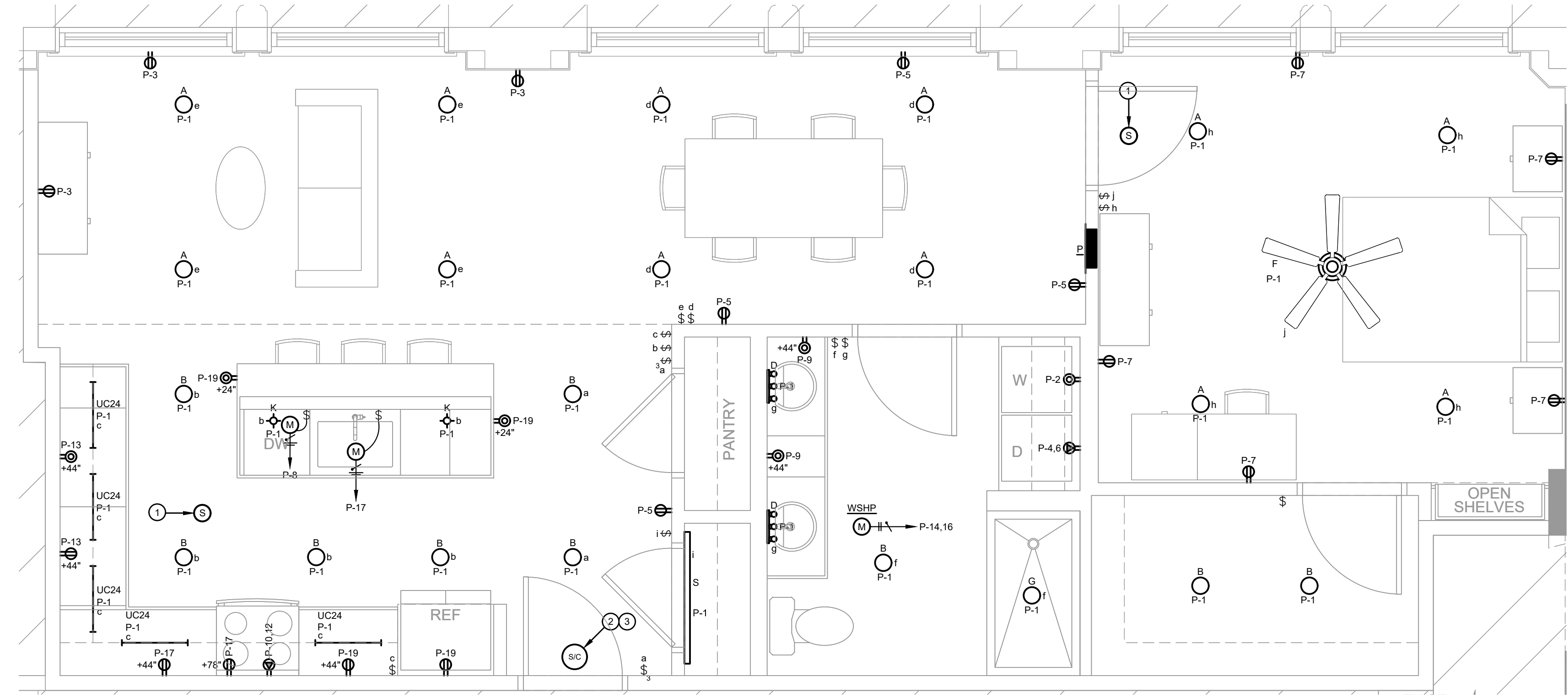
SIGNATURE
Lawrence S. Myer
DATE

THIRTEENTH FLOOR & PENTHOUSE ELECTRIC PLANS

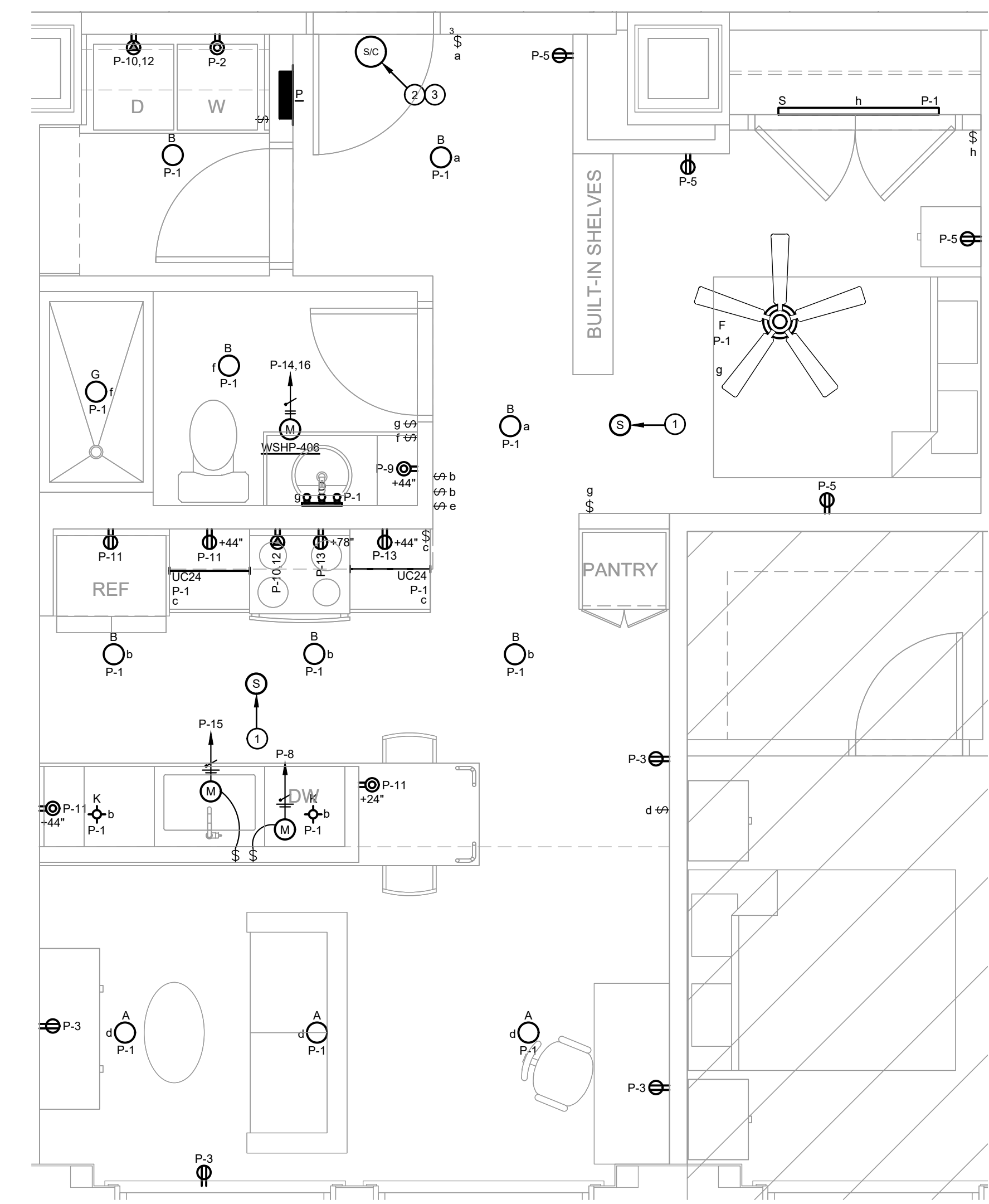
| | |
|-------------|------------|
| DRAWN BY: | SJG, AGR |
| CHECKED BY: | SJG |
| SCALE: | AS NOTED |
| JOB NUMBER: | 57080 |
| START DATE: | 11/02/2022 |

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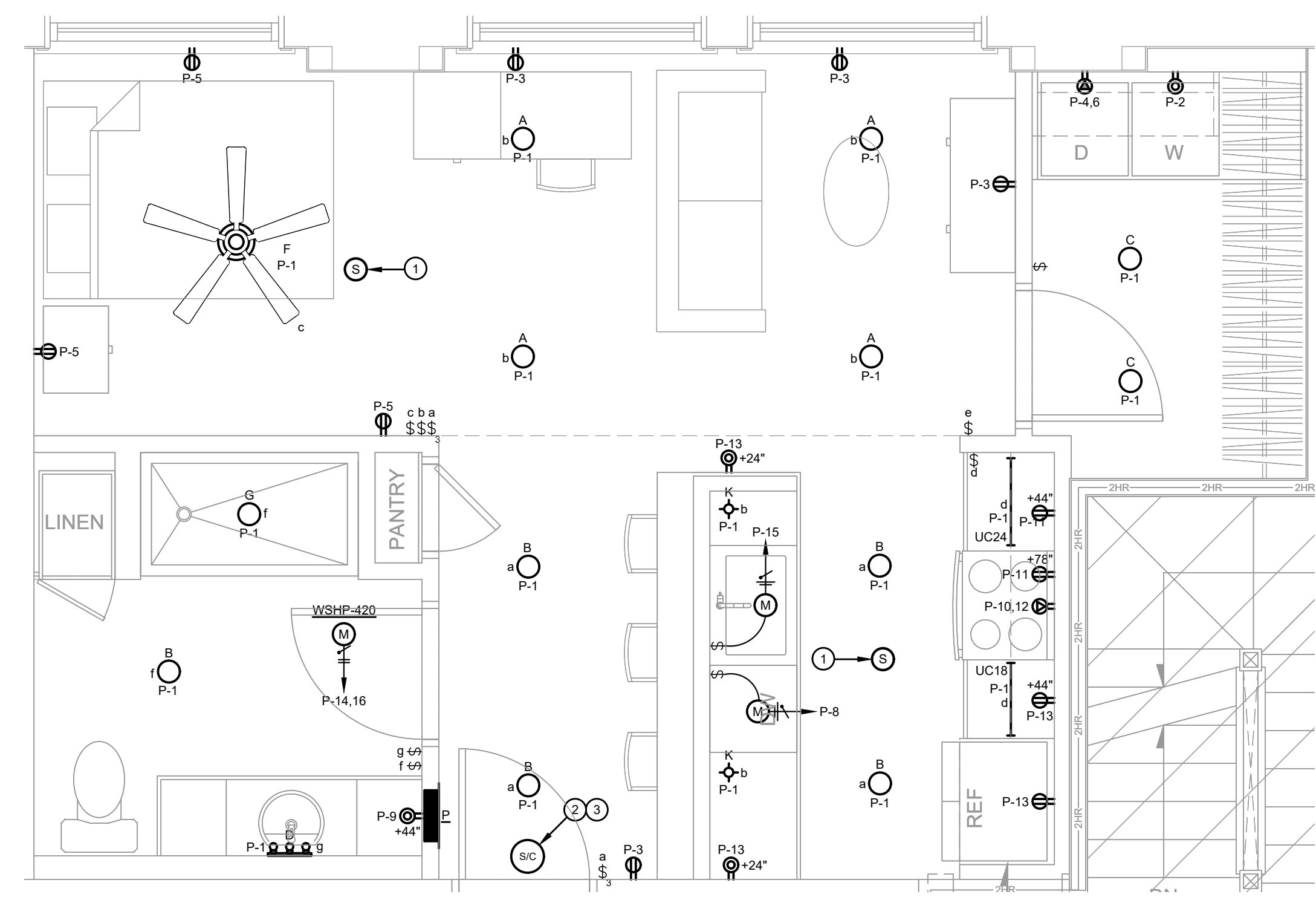
| PLAN NOTES | |
|------------|--|
| 1 | PROVIDE DUAL SENSING (PHOTOELECTRIC AND IONIZATION) SMOKE DETECTOR AT THIS LOCATION. ALL SMOKE DETECTORS SHALL BE 120V HARD WIRED AND INTERCONNECTED WITH BATTERY BACKUP. |
| 2 | PROVIDE WITH DUAL SENSING (PHOTOELECTRIC AND IONIZATION) SMOKE DETECTOR WITH CARBON MONOXIDE SENSOR AT THIS LOCATION. ALL SMOKE DETECTORS SHALL BE 120V HARD-WIRED AND INTERCONNECTED WITH BATTERY BACKUP. |
| 3 | CONTRACTOR TO INSTALL MULTI-STATION SMOKE DETECTORS AND COMBINATION SMOKE/CARBON MONOXIDE DETECTORS IN ACCORDANCE WITH NFPA 72. TYPICAL OF ALL DEVICES. |



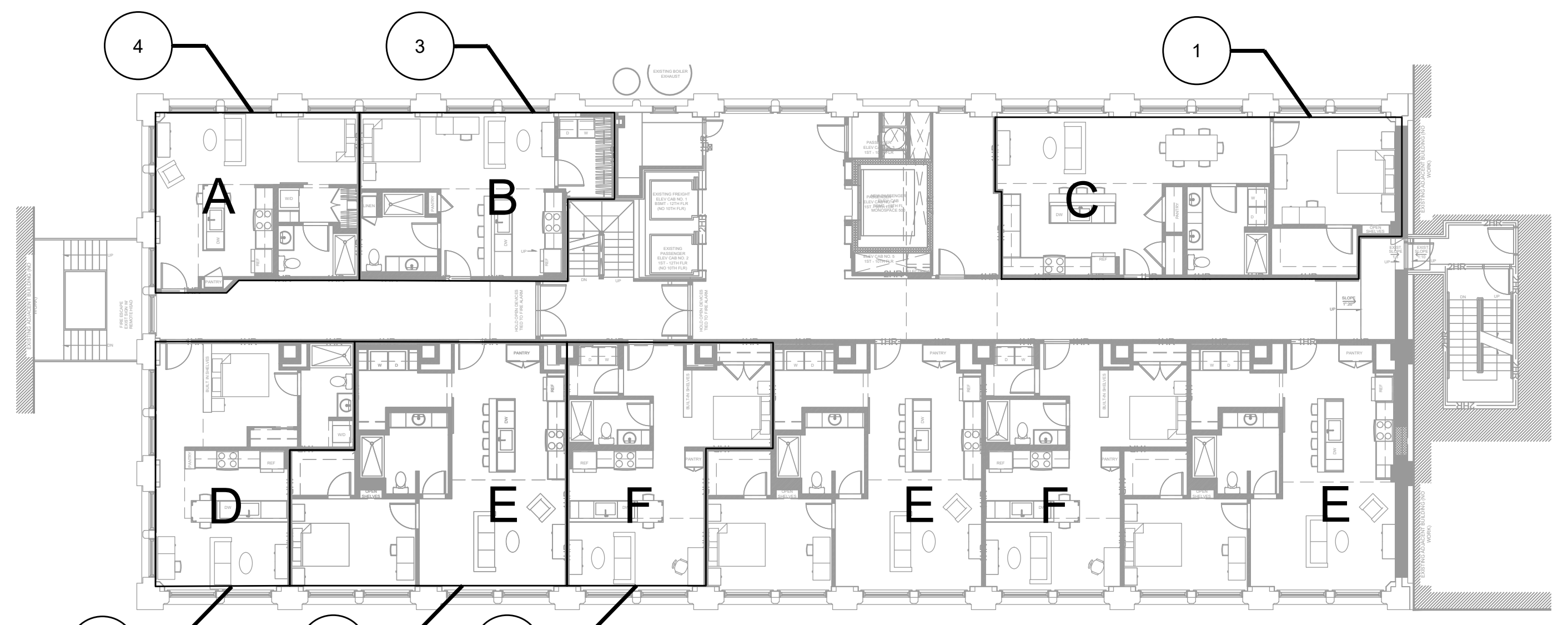
1 TYPICAL UNIT ELECTRICAL PLAN TYPE "C"
SCALE: 3/8" = 1'-0"



2 TYPICAL UNIT ELECTRICAL PLAN TYPE "F"
SCALE: 3/8" = 1'-0"

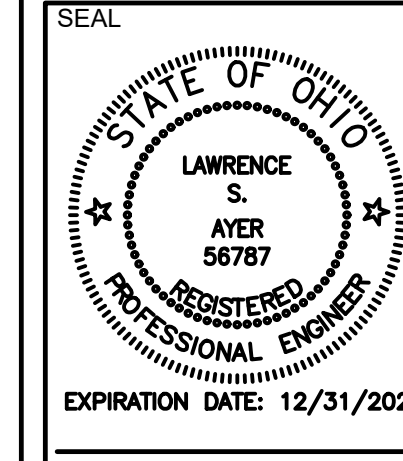


3 TYPICAL UNIT ELECTRICAL PLAN TYPE "B"
SCALE: 3/8" = 1'-0"



KEY PLAN
SCALE: NONE

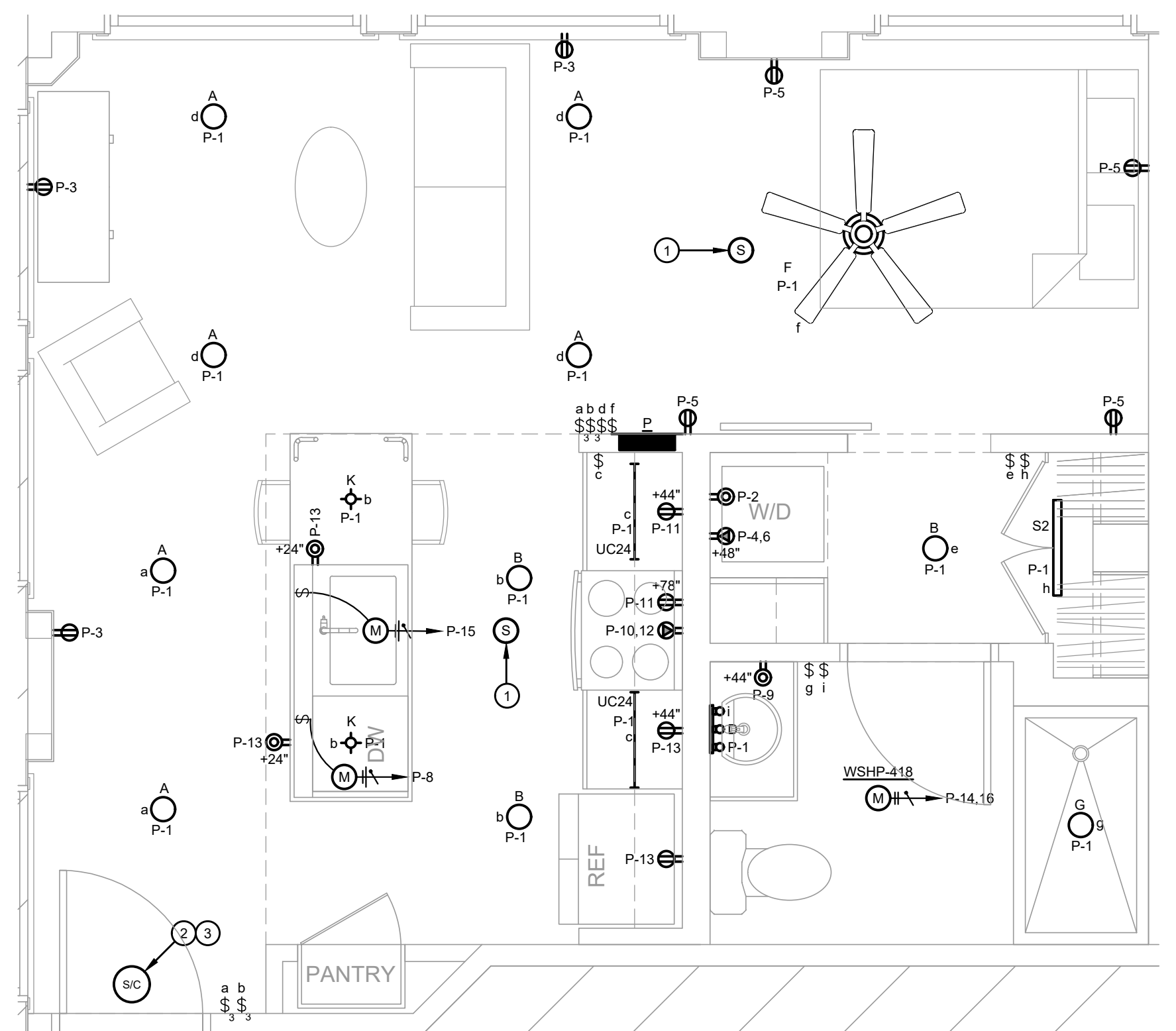
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|------------|------------|
| ISSUED FOR | PERMIT |
| DATE | 12/30/2022 |
| NO. | |



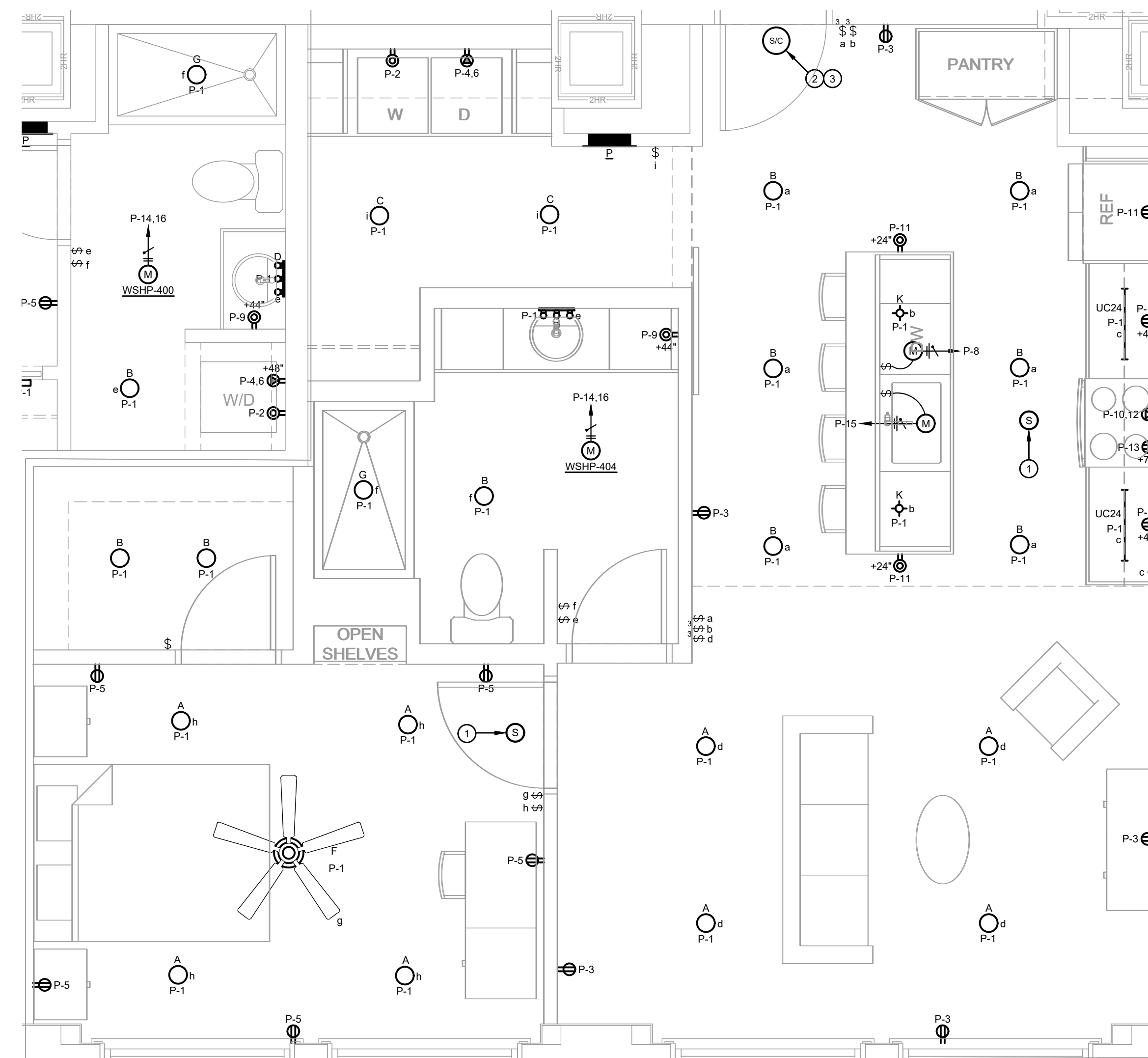
SIGNATURE
Lawrence S. Meyer

TYPICAL UNIT ELECTRICAL PLAN

| | |
|-------------|------------|
| DRAWN BY: | SJG, AGR |
| CHECKED BY: | SJG |
| SCALE: | AS NOTED |
| JOB NUMBER: | 57080 |
| START DATE: | 11/02/2022 |

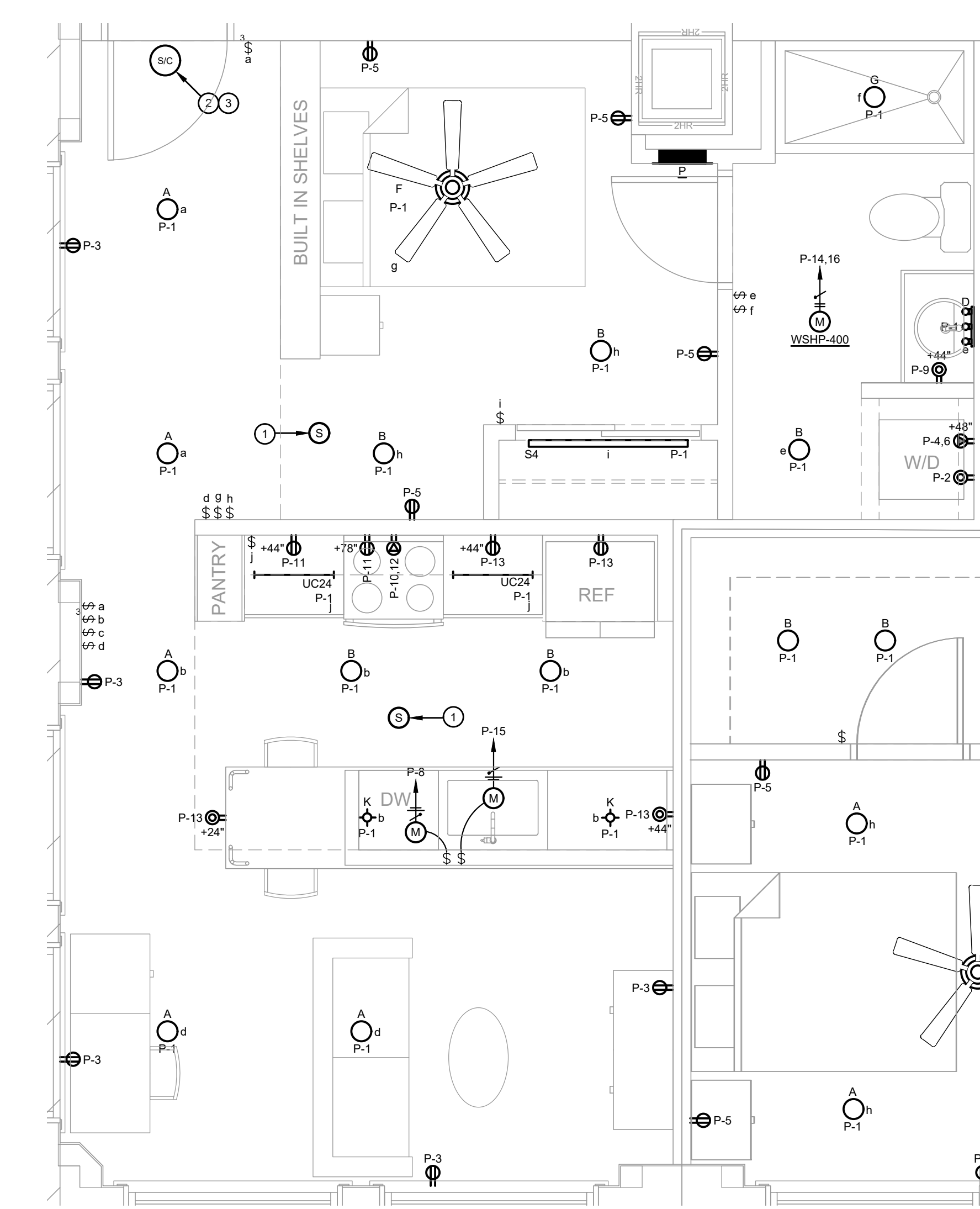


4 TYPICAL UNIT ELECTRICAL PLAN TYPE "A"
SCALE: 3/8" = 1'-0"

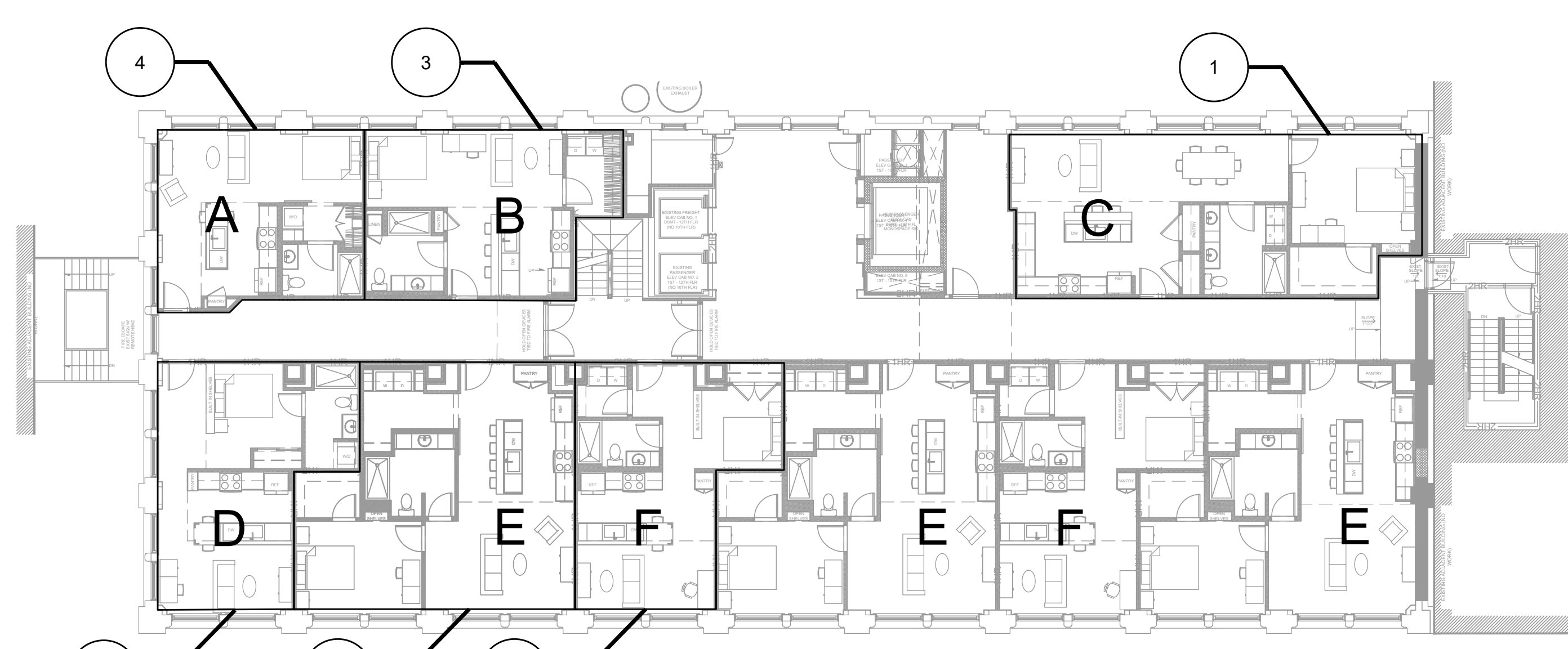


5 TYPICAL UNIT ELECTRICAL PLAN TYPE "E"
SCALE: 3/8" = 1'-0"

| PLAN NOTES | |
|------------|--|
| 1 | PROVIDE DUAL SENSING (PHOTOELECTRIC AND IONIZATION) SMOKE DETECTOR AT THIS LOCATION. ALL SMOKE DETECTORS SHALL BE 120V HARD WIRED AND INTERCONNECTED WITH BATTERY BACKUP. |
| 2 | PROVIDE WITH DUAL SENSING (PHOTOELECTRIC AND IONIZATION) SMOKE DETECTOR WITH CARBON MONOXIDE SENSOR AT THIS LOCATION. ALL SMOKE DETECTORS SHALL BE 120V HARD-WIRED AND INTERCONNECTED WITH BATTERY BACKUP. |
| 3 | CONTRACTOR TO INSTALL MULTI-STATION SMOKE DETECTORS AND COMBINATION SMOKE/CARBON MONOXIDE DETECTORS IN ACCORDANCE WITH NFPA 72. TYPICAL OF ALL DEVICES. |

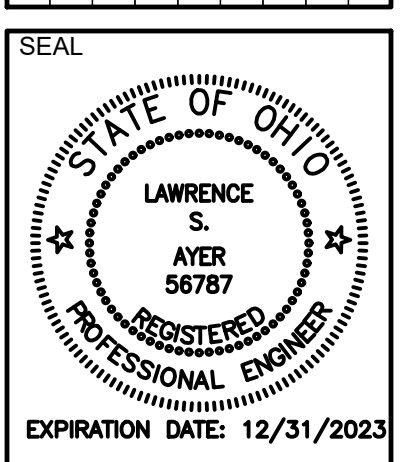


6 TYPICAL UNIT ELECTRICAL PLAN TYPE "D"
SCALE: 3/8" = 1'-0"



KEY PLAN
SCALE: NONE

| | |
|------------|------------|
| ISSUED FOR | PERMIT |
| DATE | 12/30/2022 |
| NO. | |



SIGNATURE
Lawrence S. Meyer

TYPICAL UNIT ELECTRICAL PLANS

| | |
|-------------|------------|
| DRAWN BY: | SJG, AGR |
| CHECKED BY: | SJG |
| SCALE: | AS NOTED |
| JOB NUMBER: | 57080 |
| START DATE: | 11/02/2022 |

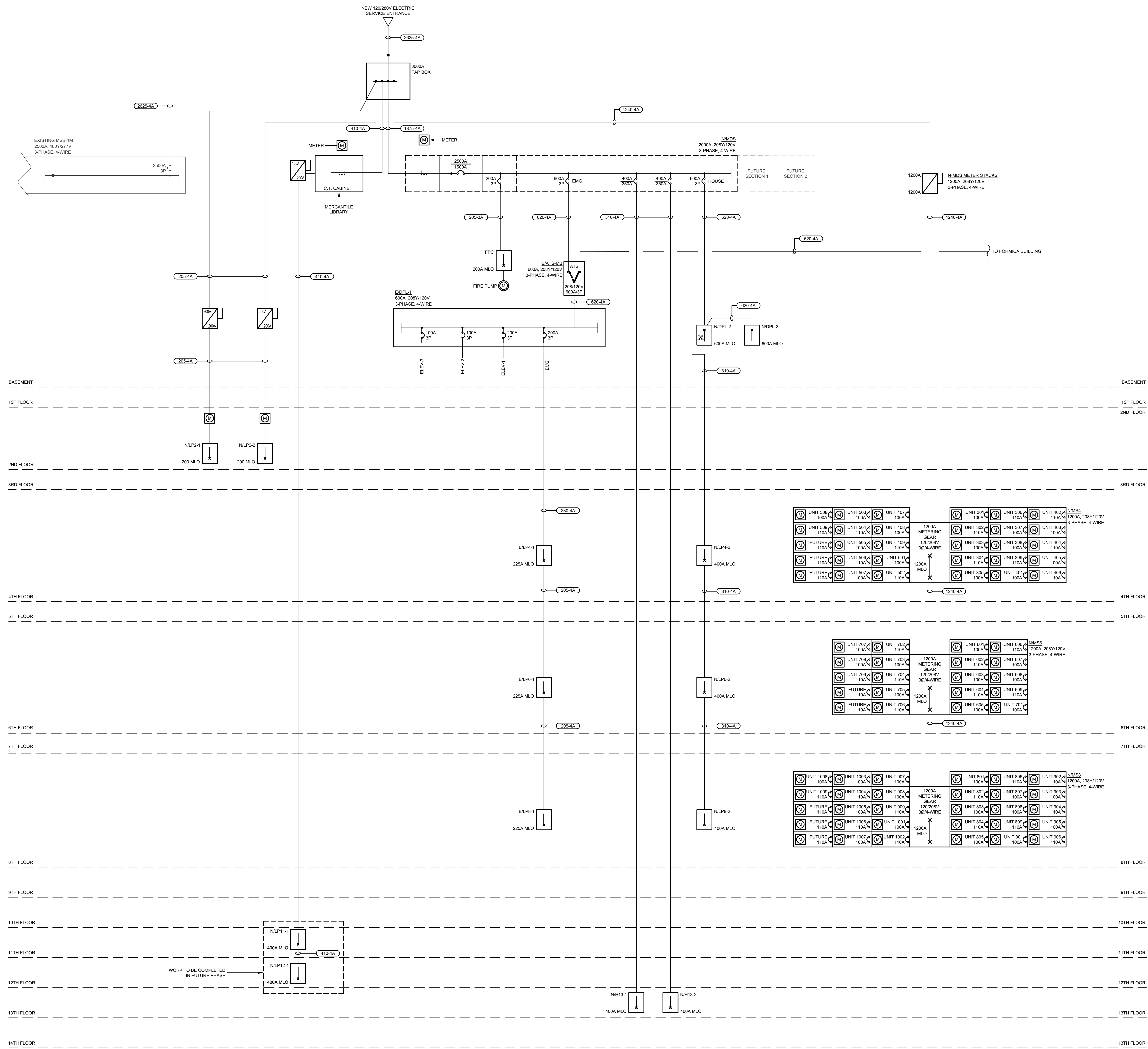
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| SINGLE LINE FEEDER SCHEDULE | |
|-----------------------------|---|
| 205-4A | (3) #250 KCMIL AL. & (1) #4 AL. GND. IN 1.5" C. |
| 205-4A | (4) #250 KCMIL AL. & (1) #4 AWG AL. GND. IN 2" C. |
| 230-4A | (4) #300 KCMIL AL. & (1) #4 AWG AL. GND. IN 2.5" C. |
| 310-4A | (4) #500 KCMIL AL. & (1) #4 AWG AL. GND. IN 3" C. |
| 410-4A | (2) SETS OF (4) #250 KCMIL AL. & (1) #4 AWG AL. GND. IN 2" CONDUIT EACH |
| 620-4A | (2) SETS OF (4) #500 KCMIL AL. & (1) #3/0 AWG AL. GND. IN 3" CONDUIT EACH |
| 1240-4A | (4) SETS OF (4) #500 KCMIL AL. & (1) #3/0 AWG AL. GND. IN 3" CONDUIT EACH |
| 1500-4A | (4) SETS OF (4) #750 KCMIL AL. & (1) #4 AWG AL. GND. IN 3.5" CONDUIT EACH |
| 1875-4A | (5) SETS OF (4) #4/0 AL. & (1) #3/0 AWG AL. GND. IN 4" CONDUIT EACH |
| 2625-4A | (7) SETS OF (4) #4/0 AL. & (1) #3/0 AWG AL. GND. IN 4" CONDUIT EACH |

FEEDER SCHEDULE GENERAL NOTES

- FEEDERS DENOTED BY "A" HAVE BEEN OVERSIZED TO COMPENSATE FOR VOLTAGE DROP
- "CU" = COPPER CONDUCTOR
- "AL" = ALUMINUM CONDUCTOR

NOTE: WHEN "3C" IS USED IN LIEU OF "4C" A NEUTRAL CONDUCTOR IS NOT REQUIRED.



1 SINGLE LINE DIAGRAM
 SCALE: NONE

| NO. | ISSUED FOR | PERMIT |
|-----|------------|--------|
| | | |

DATE: 12/30/2022
 NO.

SEAL
 STATE OF OHIO
 LAWRENCE S. WYER
 REGISTERED PROFESSIONAL ENGINEER
 EXPIRATION DATE: 12/31/2023
 SIGNATURE: *Lawrence S. Wyer*
 DATE:

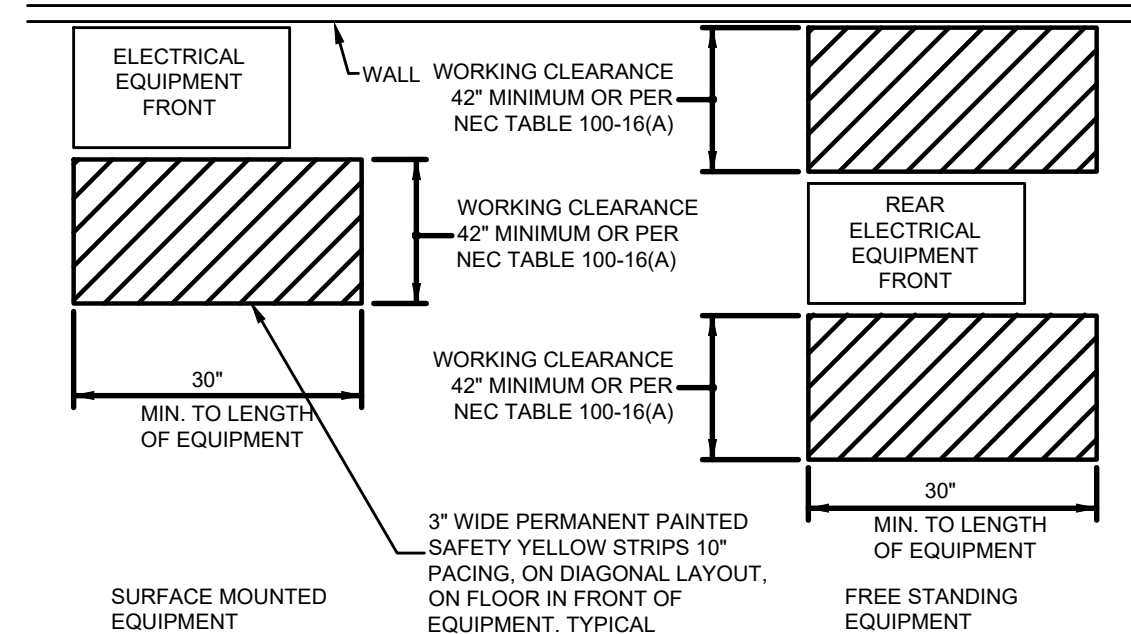
SINGLE LINE DIAGRAM

| | |
|-------------|------------|
| DRAWN BY: | SJG, AGR |
| CHECKED BY: | SJG |
| SCALE: | AS NOTED |
| JOB NUMBER: | 57080 |
| START DATE: | 11/02/2022 |

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| LIGHT FIXTURE SCHEDULE | | | | | | | | |
|------------------------|----|--|---------------------|-----------------|----------------------|----------|---------------------------|-----------|
| SYMBOL | ID | DESCRIPTION | FIXTURE INFORMATION | | ELECTRIC INFORMATION | | MISCELLANEOUS INFORMATION | |
| | | | MAKE | MODEL | VOLTAGE | MVOLT | MOUNTING | SURFACE |
| ○ | A | 6" LED SURFACE MOUNT DOWNLIGHT | MAKE | LITHONIA | VOLTAGE | MVOLT | MOUNTING | SURFACE |
| | | | MODEL | WFS | LAMP QTY | LED | HEIGHT | NOTES |
| | | | ALTERNATE | | WATTS | 14.1W | NOTES | |
| ○ | B | 6" LED RECESSED DOWNLIGHT | MAKE | LITHONIA | VOLTAGE | MVOLT | MOUNTING | RECESSED |
| | | | MODEL | WFS | LAMP QTY | LED | HEIGHT | NOTES |
| | | | ALTERNATE | | WATTS | 14.1W | NOTES | |
| ○ | C | 6" LED RECESSED DOWNLIGHT CLOSET | MAKE | LITHONIA | VOLTAGE | MVOLT | MOUNTING | RECESSED |
| | | | MODEL | WFS | LAMP QTY | LED | HEIGHT | NOTES |
| | | | ALTERNATE | | WATTS | 14.1W | NOTES | |
| ○ | D | VANITY FIXTURE | MAKE | MINIKALI | VOLTAGE | 120/277V | MOUNTING | WALL |
| | | | MODEL | PS042 | LAMP QTY | 1 | HEIGHT | NOTES |
| | | | ALTERNATE | | WATTS | 20W | NOTES | |
| ○ | F | CEILING FAN | MAKE | TBO | VOLTAGE | MVOLT | MOUNTING | RECESSED |
| | | | MODEL | TBO | LAMP QTY | LED | HEIGHT | NOTES |
| | | | ALTERNATE | | WATTS | --W | NOTES | |
| ○ | G | 6" LED RECESSED DOWNLIGHT WET LOCATION RATED | MAKE | LITHONIA | VOLTAGE | MVOLT | MOUNTING | RECESSED |
| | | | MODEL | WFS | LAMP QTY | LED | HEIGHT | NOTES |
| | | | ALTERNATE | | WATTS | 14.1W | NOTES | |
| ○ | K | 6" LED PENDANT FIXTURE | MAKE | LITHONIA | VOLTAGE | MVOLT | MOUNTING | SURFACE |
| | | | MODEL | WFS | LAMP QTY | LED | HEIGHT | NOTES |
| | | | ALTERNATE | | WATTS | 14.1W | NOTES | |
| UCXX | | "X" LENGTH IN INCHES LED UNDER CABINET LIGHT FIXTURE | MAKE | TBO | VOLTAGE | MVOLT | MOUNTING | SURFACE |
| | | | MODEL | TBO | LAMP QTY | LED | HEIGHT | NOTES |
| | | | ALTERNATE | | WATTS | --W | NOTES | |
| SX | | "X" LENGTH IN FEET LED UNDER CABINET LIGHT FIXTURE | MAKE | TBO | VOLTAGE | MVOLT | MOUNTING | SURFACE |
| | | | MODEL | TBO | LAMP QTY | LED | HEIGHT | NOTES |
| | | | ALTERNATE | | WATTS | --W | NOTES | |
| WS1 | | LED WALL SCIENCE | MAKE | TBO | VOLTAGE | MVOLT | MOUNTING | WALL |
| | | | MODEL | TBO | LAMP QTY | LED | HEIGHT | NOTES |
| | | | ALTERNATE | | WATTS | --W | NOTES | |
| LS4 | | LED 4" STRIP LIGHT FIXTURE | MAKE | TBO | VOLTAGE | MVOLT | MOUNTING | SURFACE |
| | | | MODEL | TBO | LAMP QTY | LED | HEIGHT | NOTES |
| | | | ALTERNATE | | WATTS | --W | NOTES | |
| EW1 | | EMERGENCY EGRESS FIXTURE | MAKE | LITHONIA | VOLTAGE | UNV | MOUNTING | SURFACE |
| | | | MODEL | ELA QWP 0309 | LAMP QTY | 2 | HEIGHT | NOTES |
| | | | ALTERNATE | | LAMP TYPE | 5V 5.6W | NOTES | |
| X1 | | EXIT / EMERGENCY SIGN | MAKE | LITHONIA | VOLTAGE | UNV | MOUNTING | UNIVERSAL |
| | | | MODEL | EDS92R W RMR EL | LAMP QTY | LED | HEIGHT | NOTES |
| | | | ALTERNATE | | WATTS | 4.3W | NOTES | |
| EH1 | | EMERGENCY EGRESS FIXTURE WITH HIGH CAP BATTERY FOR REMOTE EGRESS NEEDS | MAKE | LITHONIA | VOLTAGE | 120/277V | MOUNTING | WALL |
| | | | MODEL | LHOM LED R HO | LAMP QTY | 2 | HEIGHT | NOTES |
| | | | ALTERNATE | | LAMP TYPE | | NOTES | |

- NOTES**
- FIXTURES WITH THE SUFFIX '-EM' ATTACHED TO THE ID OR SHOWN HALF SHADED ARE EMERGENCY FIXTURES. SEE ELECTRICAL GENERAL NOTES FOR MORE INFORMATION.
 - FIXTURES WITH THE SUFFIX '-NL' ARE NIGHT LIGHTS. SEE ELECTRICAL GENERAL NOTES FOR MORE INFORMATION.
- DESIGNATIONS**
- N = NEW
E = EXISTING
D = DEMO
R = RELOCATED



- NOTES**
- PAINTED AREAS (DENOTING NEC WORKING CLEARANCE) REQUIRED IN MECHANICAL ROOMS, CLOSETS AND OTHER AREAS AS SHOWN ON THE DRAWINGS OR IN THE AREAS REQUESTED BY THE ENGINEER.
 - PAINTED AREAS NOT TO BE PROVIDED IN CORRIDORS, OFFICES AND FINISHED ROOMS.
 - PAINTING TO BE PROVIDED AS SOON AS FLOOR INSTALLATION ALLOWS. AREAS ARE TO BE RE-PAINTED BEFORE OCCUPANCY. 4. PAINT SHALL BE GLIDDEN URETHANE GLOSS ENAMEL NO. 6000 SERIES OR APPROVED EQUAL.

1 NEC WORKING CLEARANCE DETAIL
SCALE: NONE

GENERAL NOTES - RISER DIAGRAM

- PARALLEL FEEDER CONDUCTORS SHALL BE CUT TO THE EXACT SAME LENGTHS AND SHALL BE FROM THE SAME FACTORY RUN. ALL CONNECTIONS FOR SAME WORK SHALL BE TORQUED TO IDENTICAL VALUES.
- EXTERIOR ELECTRICAL WORK SHALL NOT ONLY BE WEATHERPROOF AND WATER TIGHT, BUT SHALL BE RUST RESISTANT.
- CONDUCTORS BELOW GRADE OR SUBJECT TO MOISTURE SHALL BE 'XHHW-2'.
- PROVIDE FACTORY SERIES COORDINATION FOR ALL CIRCUIT BREAKERS INCLUDING ALL BRANCH BREAKERS RELATIVE TO UPSTREAM BREAKERS. SO THAT ONLY THE BREAKER CLOSEST IN THE CIRCUIT TO THE LOAD TRIPS UPON AN OVERLOAD OR FAULT CONDITION.
- POWER DISTRIBUTION EQUIPMENT SUPPLIER SHALL PROVIDE APPROPRIATELY RATED AND BRANDED TO ACCOMMODATE THE AVAILABLE FAULT CURRENT AT THE UTILITY COMPANY TRANSFORMER SECONDARIES. THIS SUPPLIER SHALL ACCORDINGLY PROVIDE ANY RELATED CALCULATIONS SO THAT THEIR EQUIPMENT IS PROPERLY COORDINATED FOR THE AVAILABLE FAULT CURRENT. THE ELECTRICAL CONTRACTOR SHALL PROVIDE THIS SUPPLIER WITH COPIES OF THE ELECTRICAL DOCUMENTS AS REQUIRED SO THAT PROPERLY RATE-BRAGED EQUIPMENT IS PROVIDED UNDER BASE BID.
- GROUNDING ELECTRODE CONDUCTORS SHALL BE PROVIDED IN STRICT COMPLIANCE WITH NEC INCLUDING ARTICLE 250 AND TABLE 250-88. THESE CONDUCTORS MAY NOT BE INDICATED ON RISERS OR SINGLE LINE DIAGRAMS, BUT SHALL BE PROVIDED UNDER BASE BID NEVERTHELESS.
- EQUIPMENT GROUNDING CONDUCTORS SHALL BE PROVIDED IN STRICT COMPLIANCE WITH NEC INCLUDING ARTICLE 250 AND TABLE 250-122. THESE CONDUCTORS MAY NOT BE INDICATED ON RISERS OR SINGLE LINE DIAGRAMS, BUT SHALL BE PROVIDED UNDER BASE BID NEVERTHELESS.
- WORKING CLEARANCES SHALL BE PROVIDED FOR ALL ELECTRICAL EQUIPMENT SWITCHBOARDS, PANELBOARDS, TRANSFORMERS, STARTERS, DISCONNECTS, ETC. AS APPLICABLE IN STRICT COMPLIANCE WITH NEC CHAPTER 1, PART B SECTION 110.25(A). LOCATIONS SHOWN ON THE LOOSE PLANS ARE SCHEMATIC AND DIAGRAMMATIC IN NATURE. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING COMPLIANCE WITH THE ABOVE NEC REFERENCE. THESE REQUIREMENTS APPLY TO EQUIPMENT ON FLOOR PLANS AS WELL AS TO EQUIPMENT SHOWN ON THE RISER.
- HOLD ALL NEW OVERHEAD ELECTRICAL WORK AS TIGHT AS POSSIBLE TO THE BOTTOM OF THE OVERHEAD STRUCTURE. LOCATE ANY RELATED HULL BOXES SO THAT THEY WILL BE FULLY ACCESSIBLE AFTER ALL CONSTRUCTION WORK IS COMPLETE. AS WITH ALL WORK, COORDINATE IN ADVANCE WITH OTHER TRADES.
- ROUTE FEEDER CONDUITS BELOW GRADE WHEREVER POSSIBLE. VERY LIMITED SPACE EXISTS ABOVE SPECIAL TELEPHONE AND CABLE. IF MOST OF THE SPACE ABOVE CYPRESS BOARD CEILINGS IS NOT AVAILABLE FOR RUNNING CONDUIT, STUDY ALL ARCHITECTURAL, STRUCTURAL AND MECHANICAL DRAWINGS VERY CAREFULLY BEFORE LAYING OUT FEEDER ROUTES.
- ALL PANELS HAVE NEMA 1 ENCLOSURES UNLESS OTHERWISE NOTED.
- ALL PANELS ARE SURFACE MOUNTED UNLESS OTHERWISE NOTED.

LIGHTING PLAN SYMBOL LEGEND

| | |
|--|---|
| | LIGHTING FIXTURE EXISTING TO REMAIN |
| | LIGHTING FIXTURE TO BE REMOVED FROM LOCATION. SEE PLAN FOR NEW FIXTURE LOCATION IF ANY. |
| | SHADING INDICATES THAT A FIXTURE IS WIRED TO A NIGHT LIGHT OR EMERGENCY TYPE CIRCUIT. FIXTURE SHALL BE WIRED IN ACCORDANCE WITH N.E.C. ARTICLE 700. |
| | "X" = FIXTURE TYPE A# = CIRCUIT NUMBER ab = SWITCH LEG |
| | TOGGLE SWITCH |
| | THREE-WAY TOGGLE SWITCH |
| | OCCUPANCY SENSOR |
| | LOW VOLTAGE DIMMER |
| | LIGHTING RELAY PANEL |
| | CEILING MOUNTED OCCUPANCY SENSOR |

N = NEW E = EXISTING R = RELOCATED D = DEMO F = FUTURE
H* = MOUNTING HEIGHT OF THE DEVICE ABOVE FINISHED FLOOR.

PROJECT GENERAL NOTES

- THE DRAWINGS ARE DIAGRAMMATIC ONLY AND INDICATE THE GENERAL ARRANGEMENT OF THE SYSTEMS AND ARE TO BE FOLLOWED INsofar AS POSSIBLE. IF DEVIATIONS FROM THE LAYOUTS ARE NECESSITATED BY FIELD CONDITIONS, DETAILED LAYOUTS OF THE PROPOSED DEPARTURES SHALL BE SUBMITTED IN WRITING TO THE ENGINEER FOR REVIEW BEFORE PROCEEDING WITH THE WORK.
- THE FIRE ALARM CONTRACTOR SHALL REVIEW ALL DRAWINGS IN DETAIL AS THEY MAY RELATE TO THEIR WORK.
- EACH CONTRACTOR SHALL INSPECT THE SITE ON WHICH THE WORK IS TO BE PERFORMED, AND THE OBSTACLES THAT MAY BE ENCOUNTERED, AND ALL RELEVANT MATTERS CONCERNING THE WORK.
- THE CONTRACTOR SHALL FILE ALL NECESSARY NOTICES, OBTAIN AND PAY FOR ALL PERMITS, FEES, AND OTHER COSTS INCLUDING UTILITY CONNECTIONS OR EXTENSION, IN CONNECTION WITH HIS WORK. AS NECESSARY, HE SHALL FILE ALL REQUIRED PLANS, PREPARE ALL DOCUMENTS AND OBTAIN ALL NECESSARY APPROVALS OF ALL UTILITY AND GOVERNMENTAL DEPARTMENTS HAVING JURISDICTION.
- IGNORANCE OF CODES, RULES, AND REGULATIONS, UTILITY COMPANY REQUIREMENTS, LAWS, ETC. SHALL NOT DIMINISH OR ABSOLVE CONTRACTOR'S RESPONSIBILITIES TO PROVIDE AND COMPLETE ALL WORK IN COMPLIANCE WITH SUCH.
- ALL MATERIALS FURNISHED AND ALL WORK INSTALLED SHALL COMPLY WITH THE CURRENT EDITION OF THE NFPA 72 CODES, NATIONAL FIRE CODES OF THE NATIONAL FIRE PROTECTION ASSOCIATION AND WITH THE REQUIREMENTS OF ALL GOVERNMENTAL AGENCIES OR DEPARTMENTS HAVING JURISDICTION.

PANEL SCHEDULE NOTES

- NEW CIRCUIT BREAKERS ADDED TO EXISTING PANELS SHALL MATCH PANEL MANUFACTURER, VOLTAGE LEVEL AND FAULT CURRENT RATING OF EXISTING PROTECTIVES.
- IDENTIFY MAIN DISCONNECTS AND ALL UP AND DOWNSTREAM DISCONNECTING MEANS FOR ALL CIRCUITS AT PANEL.
- FILL OUT BRANCH CIRCUIT DIRECTORY INDICATING CIRCUIT NUMBERS, AREAS(S) SERVED, AND LOAD TYPE. INDEX SHALL BE NEATLY TYPED. BRANCH CIRCUIT DIRECTORIES SHALL BE UPDATED OR REPLACED IN ALL AREAS OF ALTERATIONS. BLACK LAMINATED PHENOLIC NAMEPLATES SHALL BE PROVIDED ON ALL NEW AND EXISTING PANEL BOARDS SECURED BY #6-32 SCREWS, LOCK WASHERS AND NUTS ON EACH CORNER OF NAMEPLATE. CONTRACTOR MAY ARRANGE CIRCUITS TO SUIT FIELD CONDITIONS, BUT LOADING BETWEEN PHASES SHALL BE +/- 10%.

ELECTRICAL GENERAL NOTES

- THE TERM "PROVIDE" SHALL MEAN CONTRACTOR SHALL FURNISH AND INSTALL, ITEMS AND CONNECT AS REQUIRED TO OBTAIN A COMPLETE WORKING SYSTEM.
- RECEPTACLES SHALL BE CIRCUITED WITH A SEPARATE GROUND WIRE. RECEPTACLES PROTECTED BY GROUND FAULT CIRCUIT INTERRUPTER DEVICES SHALL EACH HAVE A SEPARATE NEUTRAL WIRE PULLED FOR THAT CIRCUIT.
- ALL CONDUIT SHALL BE RUN CONCEALED WHEREVER POSSIBLE ABOVE CEILING, INSIDE WALLS OR UNDER FLOOR SLAB (ONLY WHERE SHOWN DASHED ON PLAN). UNLESS OTHERWISE NOTED ON PLAN, IN HIGH BAY (NO CEILING AREAS, RUN EXPOSED CONDUIT HIGH AS POSSIBLE. ALL CONDUIT SHALL BE RUN PARALLEL OR PERPENDICULAR TO NEARBY SURFACES OR STRUCTURAL MEMBERS AND FOLLOW THE SURFACE COLORS AS MUCH AS PRACTICAL. NO NONMETALLIC CONDUIT SHALL BE RUN IN AIR RETURN FLENUM.
- FROM EACH TELEPHONE, CRT, TV, ETC. COMMUNICATION TYPE OUTLET, PROVIDE A (MIN.) 3/4-INCH CONDUIT (WITH FULL STRUNG) STUBBED ABOVE LAY-IN CEILING, UNLESS OTHERWISE NOTED.
- TELEPHONE AND OTHER COMMUNICATIONS WIRING SHALL BE FLENUM RATED IF CONDUCTORS PASS THROUGH AN AIR RETURN FLENUM.
- ELECTRICAL DRAWINGS SHALL BE COORDINATED WITH ASSOCIATED MECHANICAL DRAWINGS AND MECHANICAL CONTRACTOR FOR MOTORS, DEVICES, FIXTURES, ETC.. FOR EXACT LOCATIONS BEFORE ROUGH-IN OF CONDUIT SYSTEM.
- MINIMUM CONDUIT SIZE IS 3/4 INCH. MINIMUM WIRE SIZE IS #12 AWG, UNLESS OTHERWISE NOTED ON PLANS OR IN CIRCUIT REVIEWS.
- MOUNTING HEIGHTS ABOVE FINISHED FLOOR (A.F.F.) ARE TO CENTER OF DEVICE UNLESS NOTED OTHERWISE.
- ALL WIRING SHALL BE INSTALLED PER THE NATIONAL ELECTRIC CODE (NEC). ALL WIRING SHALL BE SECURED AND SUPPORTED PER NEC 300.11.
- CONTRACTOR SHALL INCLUDE THE COST TO SECURE ALL APPLICABLE PERMITS IN BASE BID.
- ALL RECEPTACLES IN THE KITCHEN/PREP AREA SHALL BE GFCI WHETHER SHOWN AS SUCH OR NOT.
- ALL EXIT AND EMERGENCY LIGHTING SHALL BE WIRED EITHER AHEAD OF LOCAL SWITCHING ON THE LOCAL AREA CIRCUIT OR ON A DEDICATED EXIT/EMERGENCY CIRCUIT. THE METHOD CHOSEN SHALL MEET THE REQUIREMENTS OF N.E.C. ARTICLE 700 AND THE REQUIREMENTS OF THE AUTHORITIES HAVING JURISDICTION.
- ALL 120V AND 277V CIRCUITS SHALL HAVE A DEDICATED NEUTRAL, SHARING A NEUTRAL CONDUCTOR IS PROHIBITED.
- ALL RECEPTACLES BEHIND VENDING MACHINES AND REFRIGERATORS TO BE GFCI WITH REMOTE AND/OR ACCESSIBLE RESET.

POWER PLAN SYMBOL LEGEND

| | |
|--|---|
| | SIMPLEX RECEPTACLE MOUNT AT +18" A.F.F. UNLESS OTHERWISE NOTED |
| | DUPLEX RECEPTACLE MOUNT AT +18" A.F.F. UNLESS OTHERWISE NOTED |
| | SPECIAL USE DEDICATED RECEPTACLE MOUNT AT +18" A.F.F. UNLESS OTHERWISE NOTED REFER TO PANEL SCHEDULE FOR MORE INFORMATION |
| | GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE MOUNT AT +18" A.F.F. UNLESS OTHERWISE NOTED |
| | WEATHER PROOF RECEPTACLE MOUNT AT +18" A.F.F. UNLESS OTHERWISE NOTED |
| | QUADRUPLEX RECEPTACLE MOUNT AT +18" A.F.F. UNLESS OTHERWISE NOTED |
| | QUADRUPLEX GFCI RECEPTACLE MOUNT AT +18" A.F.F. UNLESS OTHERWISE NOTED |
| | SIMPLEX RECEPTACLE WITH SPECIAL MOUNTING REQUIREMENTS. CLG = CEILING MOUNTED, CORD = CORD DROP, BLANK = FLOOR MOUNTED. |
| | DUPLEX RECEPTACLE WITH SPECIAL MOUNTING REQUIREMENTS. CLG = CEILING MOUNTED, CORD = CORD DROP, BLANK = FLOOR MOUNTED. |
| | QUADRUPLEX RECEPTACLE WITH SPECIAL MOUNTING REQUIREMENTS. CLG = CEILING MOUNTED, CORD = CORD DROP, BLANK = FLOOR MOUNTED. |
| | TELEPHONE JACK MOUNT AT +18" A.F.F. UNLESS OTHERWISE NOTED |
| | DATA JACK MOUNT AT +18" A.F.F. UNLESS OTHERWISE NOTED |
| | COMBINATION COMPUTER / PHONE JACK MOUNT AT +18" A.F.F. UNLESS OTHERWISE NOTED |
| | TELEVISION JACK MOUNT AT +18" A.F.F. UNLESS OTHERWISE NOTED |
| | JUNCTION BOX |
| | NON-FUSED DISCONNECT |
| | FUSED DISCONNECT |
| | POWER POLE |
| | COMBINATION POWER/COMMUNICATIONS FLOOR BOX |
| | 10 MOTOR CONNECTION |
| | 30 MOTOR CONNECTION |
| | FLUSH MOUNTED PANEL A = PANEL DESIGNATION |
| | SURFACE MOUNTED PANEL A = PANEL DESIGNATION |
| | METER |
| | HOME RUN A = PANEL DESIGNATION B = CIRCUIT NUMBER |

N = NEW E = EXISTING R = RELOCATED D = DEMO F = FUTURE
H* = MOUNTING HEIGHT OF THE DEVICE ABOVE FINISHED FLOOR.

SINGLE LINE SYMBOL LEGEND

| | |
|--|--|
| | CIRCUIT BREAKER |
| | FUSE |
| | UTILITY METER |
| | NON-FUSED DISCONNECT |
| | FUSIBLE DISCONNECT |
| | PANELBOARD, MAIN LUG ONLY WITH FEED THROUGH LUGS Y = RATING X = NAME |
| | PANELBOARD, MAIN LUGS ONLY Y = MAIN LUGS RATING X = NAME |
| | PANELBOARD, MAIN CIRCUIT BREAKER Y = MCB RATING X = NAME |
| | MOTOR - SINGLE PHASE Z = HP RATING |
| | MOTOR - THREE PHASE Z = HP RATING |
| | TRANSIENT VOLTAGE SURGE SUPPRESSION |

ISSUED FOR PERMIT

| | |
|------|------------|
| DATE | 12/03/2022 |
| NO. | |

SEAL

STATE OF OHIO
LAWRENCE S. MYER
REGISTERED PROFESSIONAL ENGINEER
EXPIRATION DATE: 12/31/2025

SIGNATURE
DATE

Lawrence S. Myer

ELECTRICAL SCHEDULES AND NOTES

DRAWN BY: SJG, AGR
CHECKED BY: SJG
SCALE: AS NOTED
JOB NUMBER: 57080
START DATE: 11/02/2022

PLotted by user on Friday, December 30, 2022 2:05:44 PM. FILE LOCATION: Y:\0 PROJECTS\CURRENT\2022\MOEL GROUP\MERCANTILE LIBRARY\WORKING FILES\MERCANTILE LIBRARY\SHEETS\E5.02.DWG



Contracting and Engineering
685 Tusocco Place
Cincinnati, Ohio 45206
(613) 961 7200
(613) 961 7306

INTERIOR ALTERATIONS FOR
MERCANTILE LIBRARY BUILDING
414 WALNUT STREET
CINCINNATI, OH 45202

| Volts | Phase | Wire | Panel Type | Electrical Panel Schedule NLP4-2 | | | | | Ampacity Provided | Mount | AIC | Fed From | | | | | |
|--|---------|-------|---------------|--|-----|-----|---|--------------|-------------------|---------|----------------------------------|----------|-------|---------|-----------|--|--|
| 208/120 | 3Ø | 4 | Main Lug Only | | | | | | 400 Amps | Surface | TBD | NCP-2 | | | | | |
| Circuit # | Breaker | Poles | Notes | Description | A | B | C | A | B | C | Description | Notes | Poles | Breaker | Circuit # | | |
| 1 | 20 | 1 | | 3 rd Floor Common Area Receptacles | 720 | | | | | | 3 rd Floor WSPH-C | | 2 | 30 | 2 | | |
| 3 | 20 | 1 | | 4 th Floor Common Area Receptacles | 720 | | | | | | | | 2 | 30 | 4 | | |
| 5 | 20 | 1 | | 5 th Floor Common Area Receptacles | | 720 | | | | | 3 rd Floor Gas Boiler | | 1 | 20 | 6 | | |
| 7 | 20 | 1 | | Spare | | | | | | | 4 th Floor WSPH-C | | 2 | 30 | 8 | | |
| 9 | 20 | 1 | | Spare | | | | | | | | | | | 10 | | |
| 11 | 20 | 1 | | Spare | | | | | | | 5 th Floor Gas Boiler | | 1 | 20 | 12 | | |
| 13 | 20 | 1 | | Spare | | | | | | | | | 2 | 30 | 14 | | |
| 15 | 20 | 1 | | Spare | | | | | | | 6 th Floor WSPH-C | | 1 | 20 | 16 | | |
| 17 | 20 | 1 | | Spare | | | | | | | | | 1 | 20 | 18 | | |
| 19 | 20 | 1 | | Spare | | | | | | | 5 th Floor Gas Boiler | | 1 | 20 | 20 | | |
| 21 | 20 | 1 | | Spare | | | | | | | | | 1 | 20 | 22 | | |
| 23 | 20 | 1 | | Spare | | | | | | | | | 1 | 20 | 24 | | |
| 25 | | | | Space | | | | | | | | | | | 26 | | |
| 27 | | | | Space | | | | | | | | | | | 28 | | |
| 29 | | | | Space | | | | | | | | | | | 30 | | |
| 31 | | | | Space | | | | | | | | | | | 32 | | |
| 33 | | | | Space | | | | | | | | | | | 34 | | |
| 35 | | | | Space | | | | | | | | | | | 36 | | |
| 37 | | | | Space | | | | | | | | | | | 38 | | |
| 39 | | | | Space | | | | | | | | | | | 40 | | |
| 41 | | | | Space | | | | | | | | | | | 42 | | |
| Total Connected Load Phase A: | | | | 2,160 | | | | | | | | | | | | | |
| Total Connected Load Phase B: | | | | 2,160 | | | | | | | | | | | | | |
| Total Connected Load Phase C: | | | | 1,440 | | | | | | | | | | | | | |
| Total Connected Load: | | | | 5,760 Watts | | | | | | | | | | | | | |
| Notes: | | | | <p>Identify main disconnects and all up and downstream disconnecting means for all circuits at panel.</p> <p>Identify branch circuit directory indicating circuit numbers, area(s) served, and load type. Index shall be neatly typed. Branch circuit directories shall be updated or replaced in all areas of alterations.</p> <p>Black laminated phenolic nameplates shall be provided on all new and existing panel boards secured by #8-32 screws, lock washers, and nuts on each corner of nameplate.</p> <p>Contractor may arrange circuits to suit field conditions, but loading between phases shall be +/- 10%.</p> | | | | | | | | | | | | | |
| AF Arc Fault Circuit Interrupter | | | | Motor Loads | | 0 | | 100% | | 0 | | | | | | | |
| GF Ground Fault Circuit Interrupter | | | | Largest Motor | | 0 | | 125% | | 0 | | | | | | | |
| LO Lock Out Breaker | | | | Cooking Loads | | 0 | | 100% | | 0 | | | | | | | |
| ST Shunt Trip | | | | Heating Loads | | 0 | | 100% | | 0 | | | | | | | |
| PNF Provide new fuse in slot | | | | Continuous Loads | | 0 | | 125% | | 0 | | | | | | | |
| REF Re-use existing spare fusible switch | | | | Non-Continuous Loads | | 0 | | 100% | | 0 | | | | | | | |
| EX Blank loads on panel are unknown and shall be calculated under the existing panel demand (or existing building peak demand) category in the load calculations section. Engineer offers no warranty as to the condition or load information on unknown circuit breakers. | | | | Kitchen Equipment Loads | | 0 | | 100% | | 0 | | | | | | | |
| | | | | Existing Panel Demand | | | | 125% | | 0 | | | | | | | |
| | | | | Sub-Total: | | | | 5,760 | | | | | | | | | |
| | | | | Total Connected Ampacity: | | | | 15.99 | | | | | | | | | |
| | | | | Total Connected Load %: | | | | 4% | | | | | | | | | |

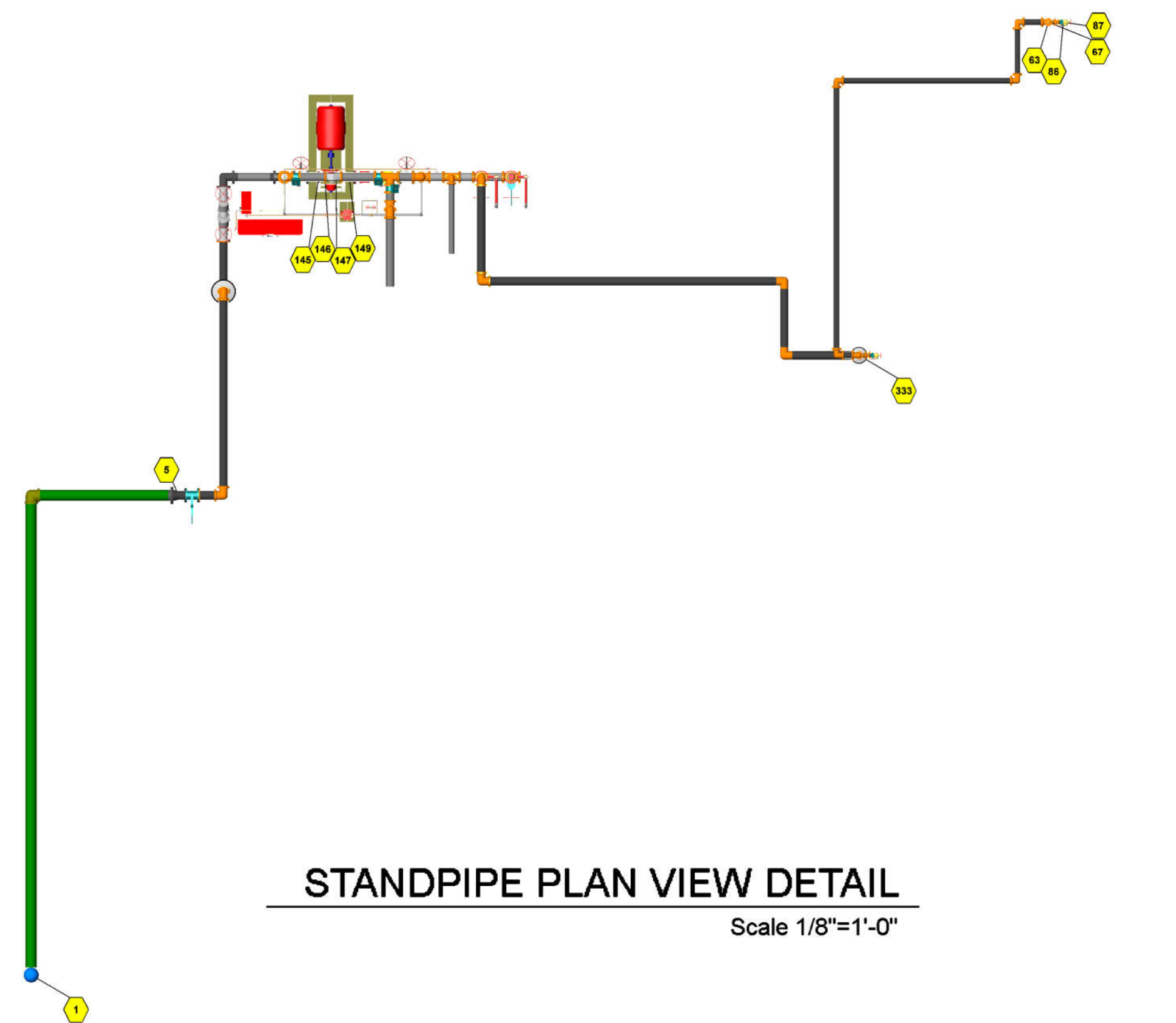
| Volts | Phase | Wire | Panel Type | Electrical Panel Schedule ELP4-1 | | | | | Ampacity Provided | Mount | AIC | Fed From | | | | | |
|--|---------|-------|---------------|--|-----|---|---|--------------|-------------------|---------|--|----------|-------|---------|-----------|--|--|
| 208/120 | 3Ø | 4 | Main Lug Only | | | | | | 225 Amps | Surface | TBD | ECPL-2 | | | | | |
| Circuit # | Breaker | Poles | Notes | Description | A | B | C | A | B | C | Description | Notes | Poles | Breaker | Circuit # | | |
| 1 | 20 | 1 | | 3 rd Floor Emergency Lighting | 100 | | | | | | 3 rd Floor Common Area Lighting | | 1 | 20 | 2 | | |
| 3 | 20 | 1 | | 4 th Floor Emergency Lighting | 100 | | | | | | 4 th Floor Common Area Lighting | | 1 | 20 | 4 | | |
| 5 | 20 | 1 | | 5 th Floor Emergency Lighting | 100 | | | | | | 5 th Floor Common Area Lighting | | 1 | 20 | 6 | | |
| 7 | 20 | 1 | | Spare | | | | | | | | | 1 | 20 | 8 | | |
| 9 | 20 | 1 | | Spare | | | | | | | | | 1 | 20 | 10 | | |
| 11 | 20 | 1 | | Spare | | | | | | | | | 1 | 20 | 12 | | |
| 13 | 20 | 1 | | Spare | | | | | | | | | 1 | 20 | 14 | | |
| 15 | 20 | 1 | | Spare | | | | | | | | | 1 | 20 | 16 | | |
| 17 | 20 | 1 | | Spare | | | | | | | | | 1 | 20 | 18 | | |
| 19 | 20 | 1 | | Spare | | | | | | | | | 1 | 20 | 20 | | |
| 21 | 20 | 1 | | Spare | | | | | | | | | 1 | 20 | 22 | | |
| 23 | 20 | 1 | | Spare | | | | | | | | | 1 | 20 | 24 | | |
| 25 | | | | Space | | | | | | | | | | | 26 | | |
| 27 | | | | Space | | | | | | | | | | | 28 | | |
| 29 | | | | Space | | | | | | | | | | | 30 | | |
| 31 | | | | Space | | | | | | | | | | | 32 | | |
| 33 | | | | Space | | | | | | | | | | | 34 | | |
| 35 | | | | Space | | | | | | | | | | | 36 | | |
| 37 | | | | Space | | | | | | | | | | | 38 | | |
| 39 | | | | Space | | | | | | | | | | | 40 | | |
| 41 | | | | Space | | | | | | | | | | | 42 | | |
| Total Connected Load Phase A: | | | | 2,100 | | | | | | | | | | | | | |
| Total Connected Load Phase B: | | | | 2,100 | | | | | | | | | | | | | |
| Total Connected Load Phase C: | | | | 1,440 | | | | | | | | | | | | | |
| Total Connected Load: | | | | 6,200 Watts | | | | | | | | | | | | | |
| Notes: | | | | <p>Identify main disconnects and all up and downstream disconnecting means for all circuits at panel.</p> <p>Identify branch circuit directory indicating circuit numbers, area(s) served, and load type. Index shall be neatly typed. Branch circuit directories shall be updated or replaced in all areas of alterations.</p> <p>Black laminated phenolic nameplates shall be provided on all new and existing panel boards secured by #8-32 screws, lock washers, and nuts on each corner of nameplate.</p> <p>Contractor may arrange circuits to suit field conditions, but loading between phases shall be +/- 10%.</p> | | | | | | | | | | | | | |
| AF Arc Fault Circuit Interrupter | | | | Motor Loads | | 0 | | 100% | | 0 | | | | | | | |
| GF Ground Fault Circuit Interrupter | | | | Largest Motor | | 0 | | 125% | | 0 | | | | | | | |
| LO Lock Out Breaker | | | | Cooking Loads | | 0 | | 100% | | 0 | | | | | | | |
| ST Shunt Trip | | | | Heating Loads | | 0 | | 100% | | 0 | | | | | | | |
| PNF Provide new fuse in slot | | | | Continuous Loads | | 0 | | 125% | | 0 | | | | | | | |
| REF Re-use existing spare fusible switch | | | | Non-Continuous Loads | | 0 | | 100% | | 0 | | | | | | | |
| EX Blank loads on panel are unknown and shall be calculated under the existing panel demand (or existing building peak demand) category in the load calculations section. Engineer offers no warranty as to the condition or load information on unknown circuit breakers. | | | | Kitchen Equipment Loads | | 0 | | 100% | | 0 | | | | | | | |
| | | | | Existing Panel Demand | | | | 125% | | 0 | | | | | | | |
| | | | | Sub-Total: | | | | 7,750 | | | | | | | | | |
| | | | | Total Connected Ampacity: | | | | 21.51 | | | | | | | | | |
| | | | | Total Connected Load %: | | | | 10% | | | | | | | | | |

| Volts | Phase | Wire | Panel Type | Electrical Panel Schedule NIP6-2 | | | | | Ampacity Provided | Mount | AIC | Fed From | | | | | |
|--|---------|-------|---------------|--|-----|---|---|--------------|-------------------|---------|----------------------------------|----------|-------|---------|-----------|--|--|
| 208/120 | 3Ø | 4 | Main Lug Only | | | | | | 400 Amps | Surface | TBD | NCP-2 | | | | | |
| Circuit # | Breaker | Poles | Notes | Description | A | B | C | A | B | C | Description | Notes | Poles | Breaker | Circuit # | | |
| 1 | 20 | 1 | | 6 th Floor Common Area Receptacles | 720 | | | | | | 6 th Floor WSPH-C | | 2 | 30 | 2 | | |
| 3 | 20 | 1 | | 7 th Floor Common Area Receptacles | 720 | | | | | | | | 2 | 30 | 4 | | |
| 5 | 20 | 1 | | Spare | | | | | | | 6 th Floor Gas Boiler | | 1 | 20 | 6 | | |
| 7 | 20 | 1 | | Spare | | | | | | | | | 2 | 30 | 8 | | |
| 9 | 20 | 1 | | Spare | | | | | | | | | | | 10 | | |
| 11 | 20 | 1 | | Spare | | | | | | | 7 th Floor Gas Boiler | | 1 | 20 | 12 | | |
| 13 | 20 | 1 | | Spare | | | | | | | | | 1 | 20 | 14 | | |
| 15 | 20 | 1 | | Spare | | | | | | | | | 1 | 20 | 16 | | |
| 17 | 20 | 1 | | Spare | | | | | | | | | 1 | 20 | 18 | | |
| 19 | 20 | 1 | | Spare | | | | | | | | | 1 | 20 | 20 | | |
| 21 | 20 | 1 | | Spare | | | | | | | | | 1 | 20 | 22 | | |
| 23 | 20 | 1 | | Spare | | | | | | | | | 1 | 20 | 24 | | |
| 25 | | | | Space | | | | | | | | | | | 26 | | |
| 27 | | | | Space | | | | | | | | | | | 28 | | |
| 29 | | | | Space | | | | | | | | | | | 30 | | |
| 31 | | | | Space | | | | | | | | | | | 32 | | |
| 33 | | | | Space | | | | | | | | | | | 34 | | |
| 35 | | | | Space | | | | | | | | | | | 36 | | |
| 37 | | | | Space | | | | | | | | | | | 38 | | |
| 39 | | | | Space | | | | | | | | | | | 40 | | |
| 41 | | | | Space | | | | | | | | | | | 42 | | |
| Total Connected Load Phase A: | | | | 1,440 | | | | | | | | | | | | | |
| Total Connected Load Phase B: | | | | 1,440 | | | | | | | | | | | | | |
| Total Connected Load Phase C: | | | | 720 | | | | | | | | | | | | | |
| Total Connected Load: | | | | 3,600 Watts | | | | | | | | | | | | | |
| Notes: | | | | <p>Identify main disconnects and all up and downstream disconnecting means for all circuits at panel.</p> <p>Identify branch circuit directory indicating circuit numbers, area(s) served, and load type. Index shall be neatly typed. Branch circuit directories shall be updated or replaced in all areas of alterations.</p> <p>Black laminated phenolic nameplates shall be provided on all new and existing panel boards secured by #8-32 screws, lock washers, and nuts on each corner of nameplate.</p> <p>Contractor may arrange circuits to suit field conditions, but loading between phases shall be +/- 10%.</p> | | | | | | | | | | | | | |
| AF Arc Fault Circuit Interrupter | | | | Motor Loads | | 0 | | 100% | | 0 | | | | | | | |
| GF Ground Fault Circuit Interrupter | | | | Largest Motor | | 0 | | 125% | | 0 | | | | | | | |
| LO Lock Out Breaker | | | | Cooking Loads | | 0 | | 100% | | 0 | | | | | | | |
| ST Shunt Trip | | | | Heating Loads | | 0 | | 100% | | 0 | | | | | | | |
| PNF Provide new fuse in slot | | | | Continuous Loads | | 0 | | 125% | | 0 | | | | | | | |
| REF Re-use existing spare fusible switch | | | | Non-Continuous Loads | | 0 | | 100% | | 0 | | | | | | | |
| EX Blank loads on panel are unknown and shall be calculated under the existing panel demand (or existing building peak demand) category in the load calculations section. Engineer offers no warranty as to the condition or load information on unknown circuit breakers. | | | | Kitchen Equipment Loads | | 0 | | 100% | | 0 | | | | | | | |
| | | | | Existing Panel Demand | | | | 125% | | 0 | | | | | | | |
| | | | | Sub-Total: | | | | 3,600 | | | | | | | | | |
| | | | | Total Connected Ampacity: | | | | 9.99 | | | | | | | | | |
| | | | | Total Connected Load %: | | | | 2% | | | | | | | | | |

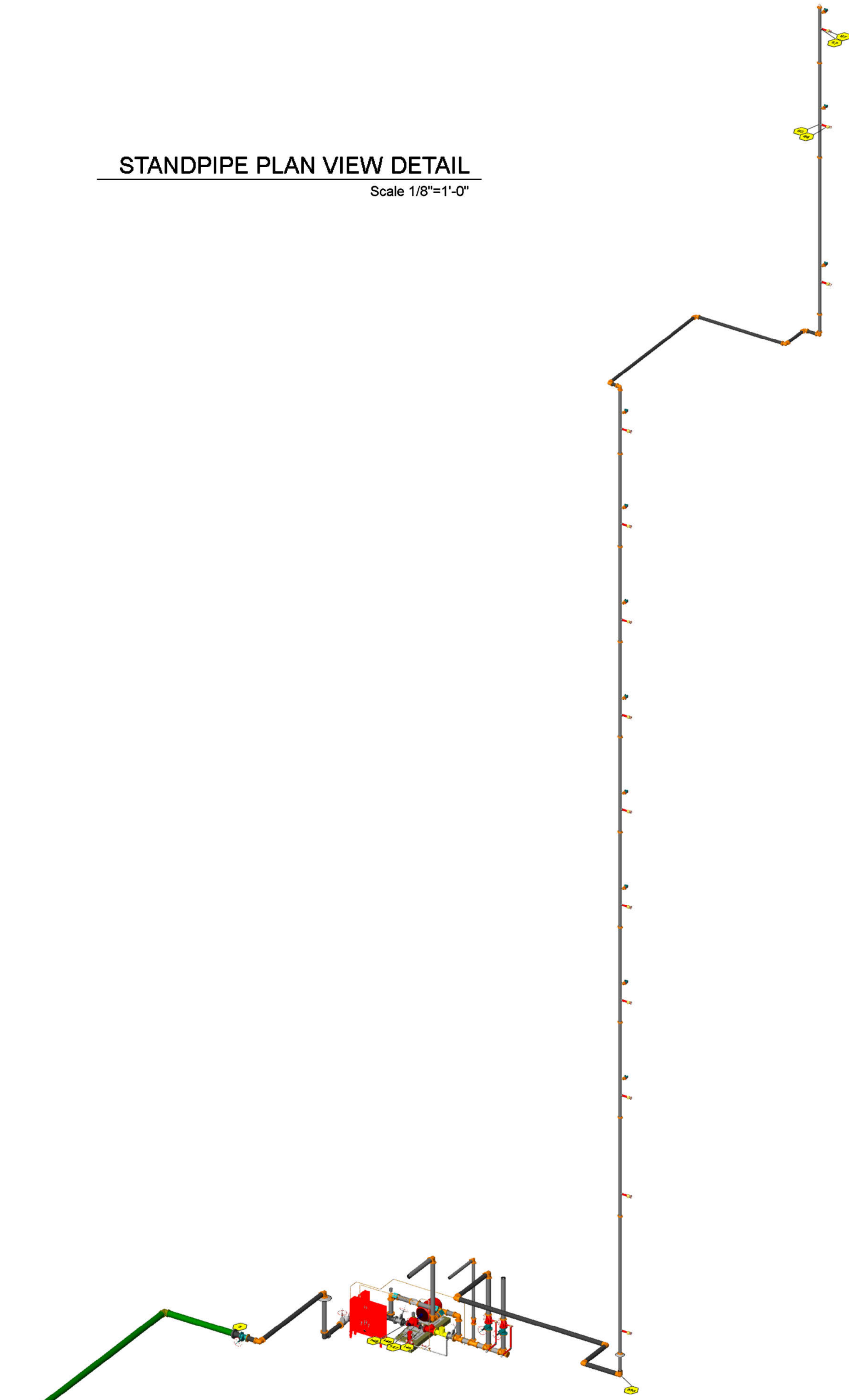
| Volts | Phase | Wire | Panel Type | Electrical Panel Schedule ELP6-1 | | | | | Ampacity Provided | Mount | AIC | Fed From | | | |
|-----------|---------|-------|---------------|----------------------------------|---|---|---|---|-------------------|---------|-------------|----------|-------|---------|-----------|
| 208/120 | 3Ø | 4 | Main Lug Only | | | | | | 225 Amps | Surface | TBD | ECPL-1 | | | |
| Circuit # | Breaker | Poles | Notes | Description | A | B | C | A | B | C | Description | Notes | Poles | Breaker | Circuit # |
| 1 | 20 | 1 | | | | | | | | | | | | | |

| Load Description | Load | Units | HVAC | House Loads | Emp Loads | 2nd Floor | Apartments | Apartment | Feeder | Feeder |
|------------------|-----------|-------|------|-------------|-----------|-----------|------------|-----------|--------|--------|
| Pool Pump | 1.00 | 1.00 | | | 0.00 | | | 30000.00 | | |
| Pool Pumps | 1.00 | 1.00 | | | 30000.00 | | | 30000.00 | | |
| Basement | 15000.00 | EVA | | 7000.00 | | | | | | |
| 1st Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 2nd Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 3rd Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 4th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 5th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 6th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 7th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 8th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 9th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 10th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
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| 13th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 14th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 15th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 16th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 17th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 18th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 19th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 20th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 21st Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 22nd Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 23rd Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 24th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 25th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 26th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 27th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 28th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 29th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 30th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 31st Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 32nd Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 33rd Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 34th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 35th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 36th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 37th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 38th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 39th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 40th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 41st Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 42nd Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 43rd Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
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| 45th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
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| 50th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
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| 54th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 55th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 56th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 57th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 58th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 59th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 60th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 61st Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 62nd Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 63rd Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 64th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 65th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 66th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 67th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 68th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 69th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 70th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 71st Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 72nd Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 73rd Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 74th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 75th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 76th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 77th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 78th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 79th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 80th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 81st Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 82nd Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 83rd Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 84th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 85th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 86th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 87th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 88th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 89th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 90th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 91st Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 92nd Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 93rd Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 94th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 95th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 96th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 97th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 98th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 99th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |
| 100th Floor | 181444.80 | EVA | | 9000.00 | 500.00 | 8650.00 | | 181444.80 | | |

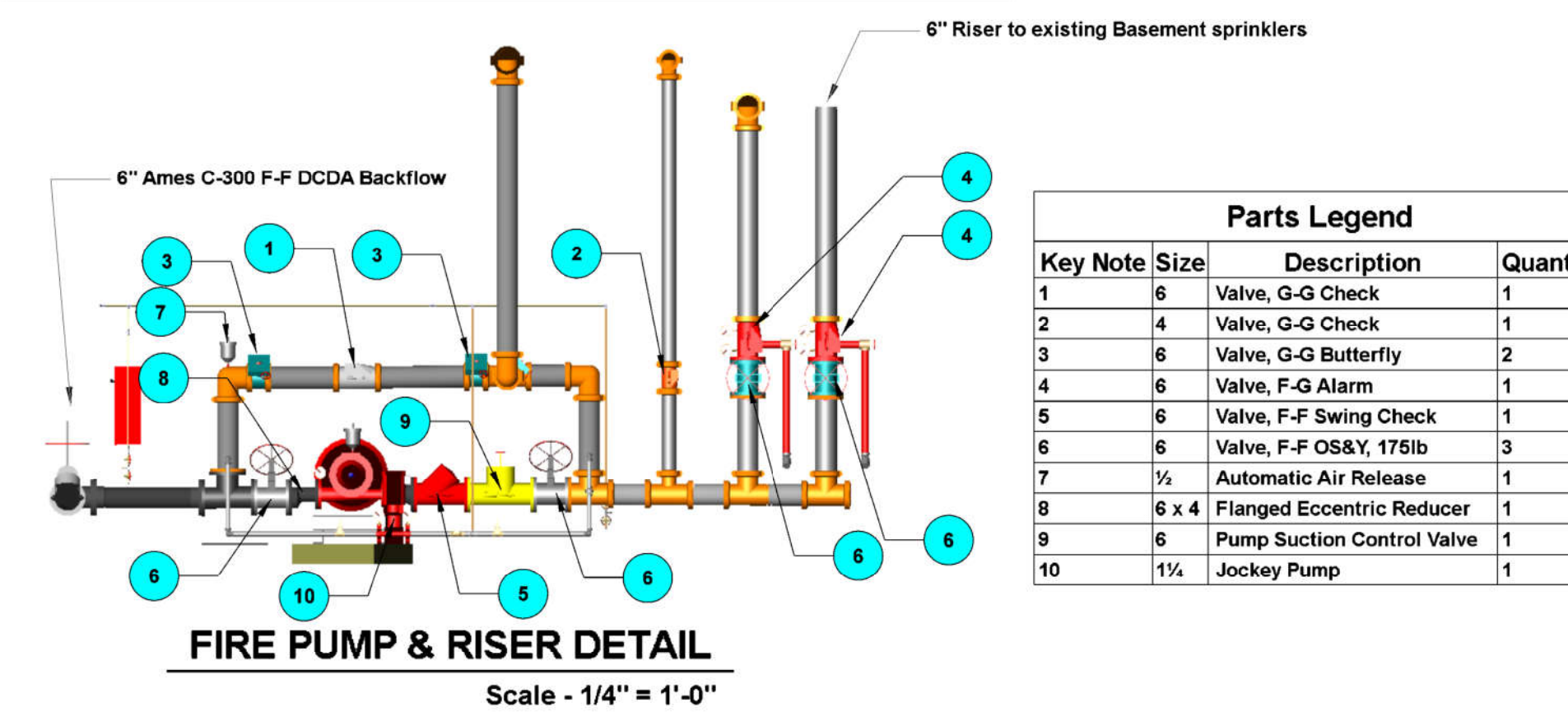
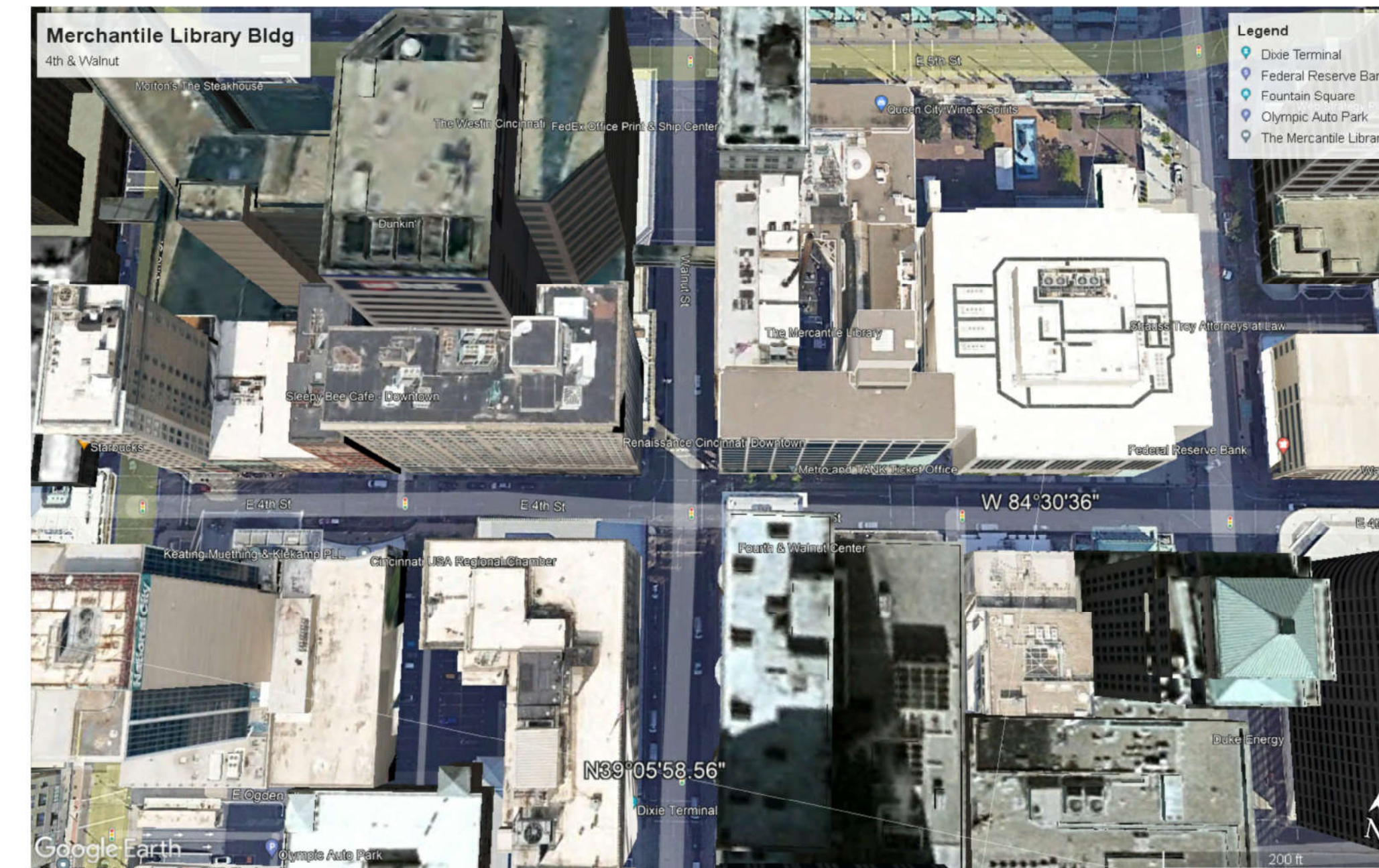
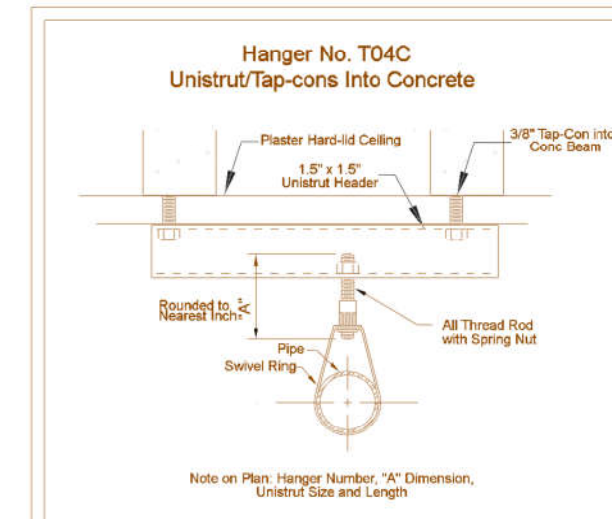
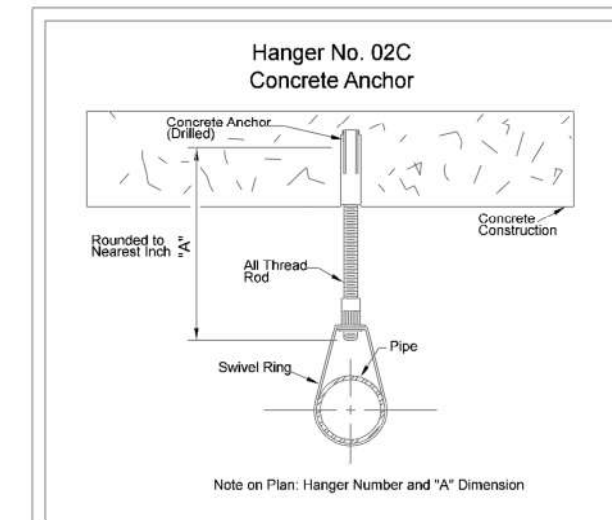
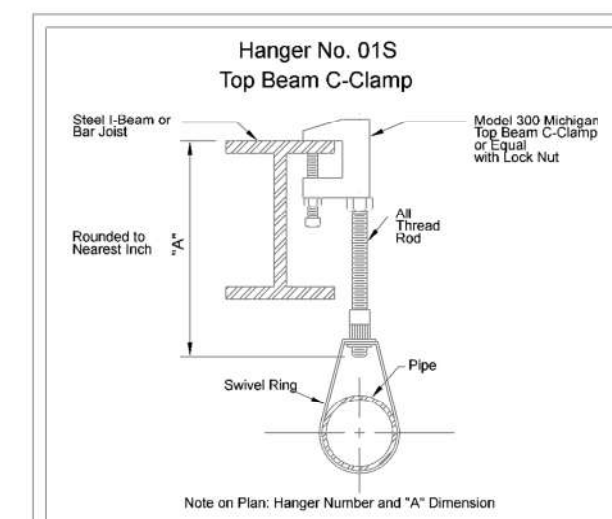
| Volts | Phase | Wire | Panel Type | Electrical Panel Schedule | Ampacity Provided | Mount | AIC | Fed From | | | | | |
|-----------|---------|-------|-----------------------------|----------------------------------|-------------------|---------|-----|----------|-------------|-------|-------|---------|-----------|
| 120/208 | 1 | 3 | Panel Type Main Lug Only | Electrical Panel Schedule Type E | 110 Amps | Surface | | | | | | | |
| Circuit # | Breaker | Poles | Notes | Description | A | B | A | B | Description | Notes | Poles | Breaker | Circuit # |
| 1 | 20 | 1 | | Lighting | | | | | Washer | | 1 | 20 | 2 |
| 2 | 20 | 1 | | Receptacles | | | | | Dryer | | 2 | 20 | 4 |
| 3 | 20 | 1 | | Receptacles | | | | | Dishwasher | | 1 | 20 | 6 |
| 4 | 20 | 1 | | Space | | | | | Range | | 2 | 40 | 8 |
| 5 | 20 | 1 | | Space | | | | | WHP | | 2 | 35 | 14 |
| 6 | 20 | 1 | | Space | | | | | Space | | 1 | 20 | 16 |
| 7 | 20 | 1 | | Space | | | | | Space | | 1 | 20 | 18 |
| 8 | 20 | 1 | | Space | | | | | Space | | 1 | 20 | 20 |
| 9 | 20 | 1 | | Space | | | | | Space | | 1 | 20 | 22 |
| 10 | 20 | 1 | | Space | | | | | Space | | 1 | 20 | 24 |
| 11 | 20 | 1 | | Space | | | | | Space | | 1 | 20 | 26 |
| 12 | 20 | 1 | | Space | | | | | Space | | 1 | 20 | 28 |
| 13 | 20 | 1 | | Space | | | | | Space | | 1 | 20 | 30 |
| 14 | 20 | 1 | | Space | | | | | Space | | 1 | 20 | 32 |
| 15 | 20 | 1 | | Space | | | | | Space | | 1 | 20 | 34 |
| 16 | 20 | 1 | | Space | | | | | Space | | 1 | 20 | 36 |
| 17 | 20 | 1 | | Space | | | | | Space | | 1 | 20 | 38 |
| 18 | 20 | 1 | | Space | | | | | Space | | 1 | 20 | 40 |
| 19 | 20 | 1 | | Space | | | | | Space | | 1 | 20 | 42 |
| 20 | 20 | 1 | | Space | | | | | Space | | 1 | 20 | 44 |
| 21 | 20 | 1 | | Space | | | | | Space | | 1 | 20 | 46 |
| 22 | 20 | 1 | | Space | | | | | Space | | 1 | 20 | 48 |
| 23 | 20 | 1 | | Space | | | | | Space | | 1 | 20 | 50 |
| 24 | 20 | 1 | | Space | | | | | | | | | |



STANDPIPE PLAN VIEW DETAIL
Scale 1/8"=1'-0"



STANDPIPE RISER ISO DETAIL
Scale - 1/8" = 1'-0"



| Key Note | Size | Description | Quantity |
|----------|--------|----------------------------|----------|
| 1 | 6" | Valve, G-G Check | 1 |
| 2 | 4" | Valve, G-G Check | 1 |
| 3 | 6" | Valve, G-G Butterfly | 2 |
| 4 | 6" | Valve, F-G Alarm | 1 |
| 5 | 6" | Valve, F-F Swing Check | 1 |
| 6 | 6" | Valve, F-F OS&Y, 175lb | 3 |
| 7 | 1/2" | Automatic Air Release | 1 |
| 8 | 6 x 4 | Flanged Eccentric Reducer | 1 |
| 9 | 6" | Pump Suction Control Valve | 1 |
| 10 | 1 1/2" | Jockey Pump | 1 |

- SPRINKLER SYSTEM GENERAL NOTES**
- Project scope is to renovate floors 3 thru 13 of an existing high rise building to residential use.
 - Hazard is an existing 13 story building of cast in place concrete construction covering approximately 8,950 sq ft per floor on 3rd thru 12th floors. Penthouse covers 4,009 sq. ft.
 - Hazard upper floors are Use Group R and of non-combustible construction.
 - Renovated areas of the building to be fully protected by a hydraulically design fire protection sprinkler system configured in accordance with the provisions of NFPA-13, 2016 Edition & OBC.
 - The central stairwell to be equipped with a new combined automatic standpipe configured to the provisions of NFPA-13, 2016 Edition, NFPA-14, 2016 Edition and the OFC.
 - Sprinkler and standpipe systems are to be supplied by a new SPP electrically driven fire pump rated at 500 GPM @ 175 PSI, taking supply from the local city water main.
 - All wet standpipe system piping to be schedule 10 black steel pipe with rolled grooved ends and grooved cast iron fittings.
 - All residential wet system piping 2" and smaller to be CPVC plastic with CPVC fittings.
 - All steel piping demissions are cut, all CPVC pipe demissions are center to center.
 - All hanger material, configurations and spacing to be in accordance with NFPA-13, 2016 Ed. requirements.
 - System monitoring points to be electronically supervised by a proprietary building fire alarm system provided by others.
 - A spare head cabinet with at least 3 of each type of sprinkler used on the project to be installed in the pump room.
 - All piping systems to be hydrostatically tested at 200 PSI for 2 hours in accordance with NFPA-13 and NFPA-25.
 - Floors Basement, First, Second 11th and 12th are not included in the scope of this contract.

| Mercantile Library Bldg Sprinkler Legend | | | | | | | | | | | |
|--|--------------|---------|-----------------------|--------------------|----------|----------|------|----------|--------|-------------|------|
| Symbol | Manufacturer | SIN | Model | Quantity | K-Factor | Type | Size | Response | Finish | Temperature | Note |
| ⊖ | Tyco | TY1334 | LP-II QR Res HSW K4.2 | 321 | 4.2 | Sidewall | 1/2" | Quick | White | 155°F | |
| ⊙ | Tyco | TY2234 | TY-FRB | 208 | 4.2 | Pendent | 1/2" | Quick | White | 155°F | |
| ○ | Tyco | Ty-3231 | TY-FRB | 42 | 5.6 | Upright | 1/2" | Quick | Brass | 155°F | |
| | | | | Total = 571 | | | | | | | |

John Paulsen
Cert. #3016 State of Ohio
Automatic Sprinkler Systems Designer

IMPORTANT
This drawing, the information, and the design application herein contained are the property of SAFETY FIRST FIRE PROTECTION, and/or its subsidiaries and is loaned upon the express conditions that the same be returned to SAFETY FIRST FP upon request; all information herein contained shall be treated as secret and confidential; no reproduction of this drawing or any part thereof shall be made without the written consent of SAFETY FIRST FIRE PROTECTION.

Owner's Responsibility:
In localities subject to freezing conditions, it is the Owner's responsibility to provide adequate heat throughout the wet pipe sprinkler system's area and in enclosures for dry pipe, deluge and other types of valves controlling sprinkler system water supplies.

JOB INFORMATION

OWNER

THIS DRAWING ISSUED:

- | | |
|--|---|
| <input type="checkbox"/> FOR REVIEW ONLY | <input type="checkbox"/> DESIGN DEVELOPMENT |
| <input type="checkbox"/> FOR PERMITTING ONLY | <input type="checkbox"/> CONSTRUCTION DOCUMENTS |
| <input type="checkbox"/> SCHEMATIC DESIGN | |

| No. | Revision/Issue | Date |
|-----|----------------|------|
| | | |
| | | |
| | | |



GUSS COX
PO BOX 530
INDEPENDENCE, KY 41051
Email: guss@safety1stfire.com
Telc. (859) 291-4111
Fax. (859) 291-8444
Ohio Cert. 53-89-1585

Installer Information
Fire License #
#54-25-2230
STATE OF OHIO

Designer Information
JOHN PAULSEN
STATE OF OHIO A.S.D.
DESIGNER ID# 3016

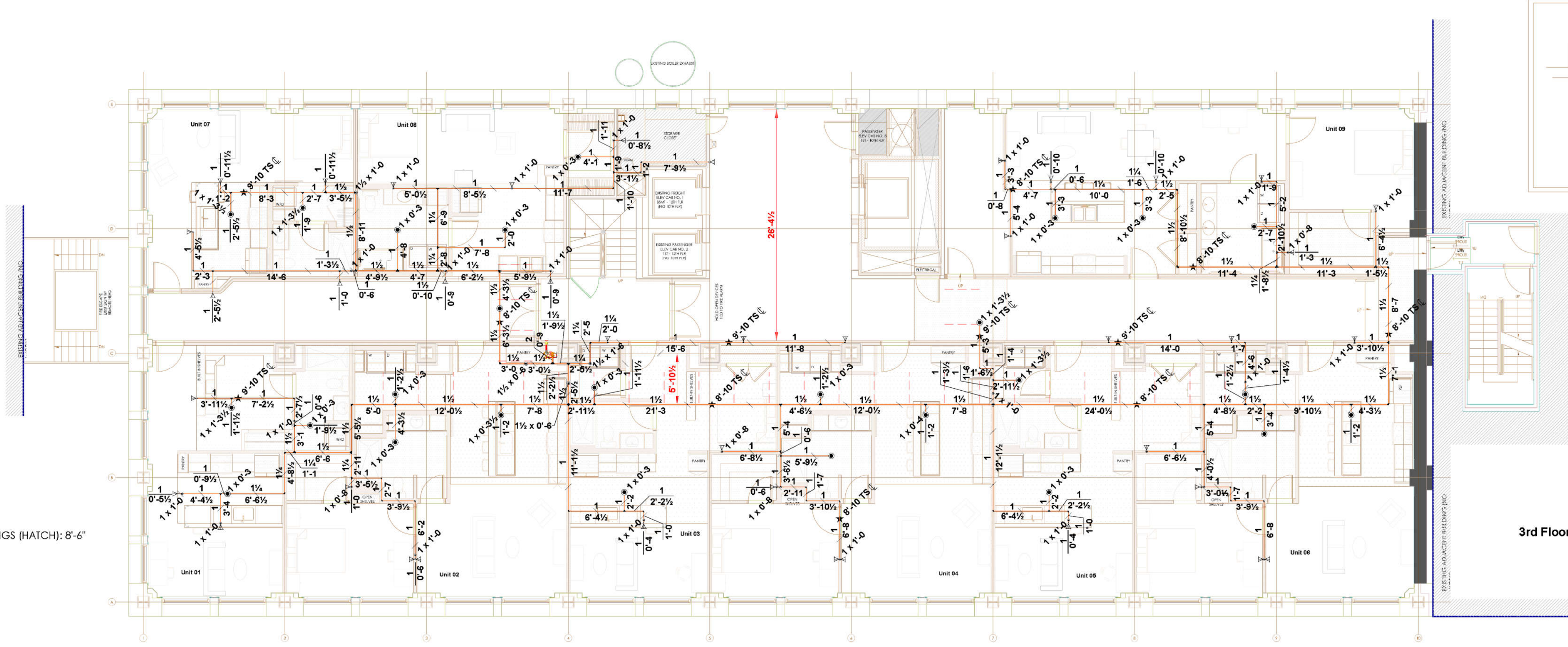
Project Name and Address

Fire Sprinkler Install
Drawings for:

MERCANTILE LIBRARY
BUILDING
414 WALNUT STREET
CINCINNATI, OHIO
45202

| | |
|-------------------------------|-------------|
| DRAWN BY: J. Paulsen | Sheet |
| CHECKED BY: J. Paulsen | |
| DATE: 12/15/2022 | FP-1 |
| Scale: AS NOTED | |

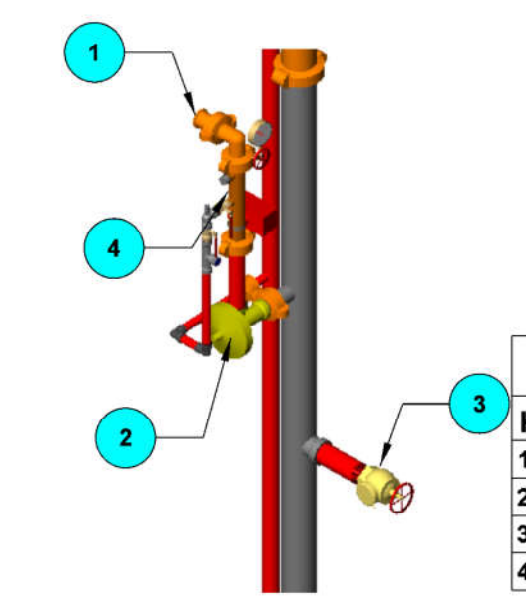
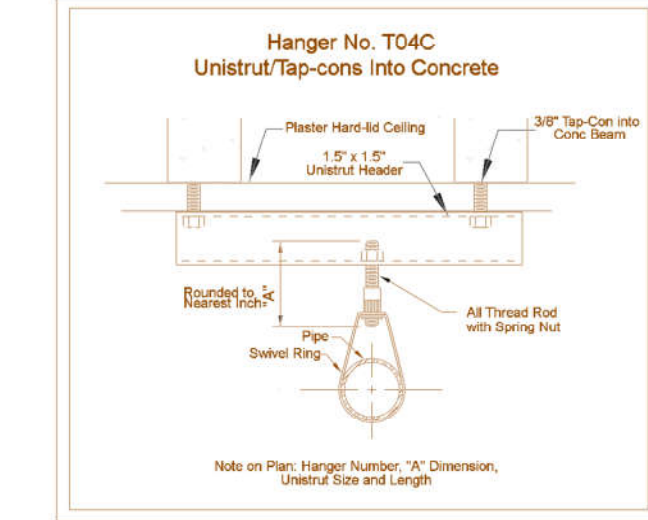
CEILING: 10'-5"
 WDW SILL: 2'-2"
 WDW HGHT: 7'-5"
 NEW LOWERED CEILINGS (HATCH): 8'-6"



SPRINKLER PIPING PLAN - FLOORS 3-9

Scale 1/8" = 1'-0"

| Symbol | Manufacturer | SIN | Model | Quantity | K-Factor | Type | Size | Response | Finish | Temperature | Note |
|--------|--------------|--------|-----------------------|-------------------|----------|----------|------|----------|--------|-------------|------|
| ⊙ | Tyco | TY2234 | TY-FRB | 26 | 4.2 | Pendent | 1/2" | Quick | White | 158°F | |
| ⊙ | Tyco | TY1334 | LF-FR QH Res +HW K4.2 | 40 | 4.2 | Sidewall | 1/2" | Quick | White | 158°F | |
| | | | | Total # of | | | | | | | |



| Key Note | Size | Description | Quantity |
|----------|-------|---|----------|
| 1 | 2 | CPVC Grooved Adapter | 1 |
| 2 | 2 | Zurn ZW4104SS Valve, Pressure Reducing, T-T (angle) | 1 |
| 3 | 2 1/2 | Hose Valve T-T | 1 |
| 4 | 2 | Grv Riser Manifold | 1 |

FLOOR CONTROL VALVE DETAIL
 Scale 1/2" = 1'-0"

3rd Floor Lvl 30'-8 1/2"

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Owner's Responsibility:
 In localities subject to freezing conditions, it is the Owner's responsibility to provide adequate heat throughout the wet pipe sprinkler system's area and in enclosures for dry pipe, deluge and other types of valves controlling sprinkler system water supplies.

JOB INFORMATION

OWNER

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- DESIGN DEVELOPMENT
- CONSTRUCTION DOCUMENTS

| No. | Revision/Issue | Date |
|-----|----------------|------|
| | | |
| | | |
| | | |



GUSS COX

PO BOX 530
 INDEPENDENCE, KY 41051
 Email: guss@safety1stfire.com
 Tel: (859) 291-4111
 Fax: (859) 291-8444
 Ohio Cert. 53-89-1585

Installer Information

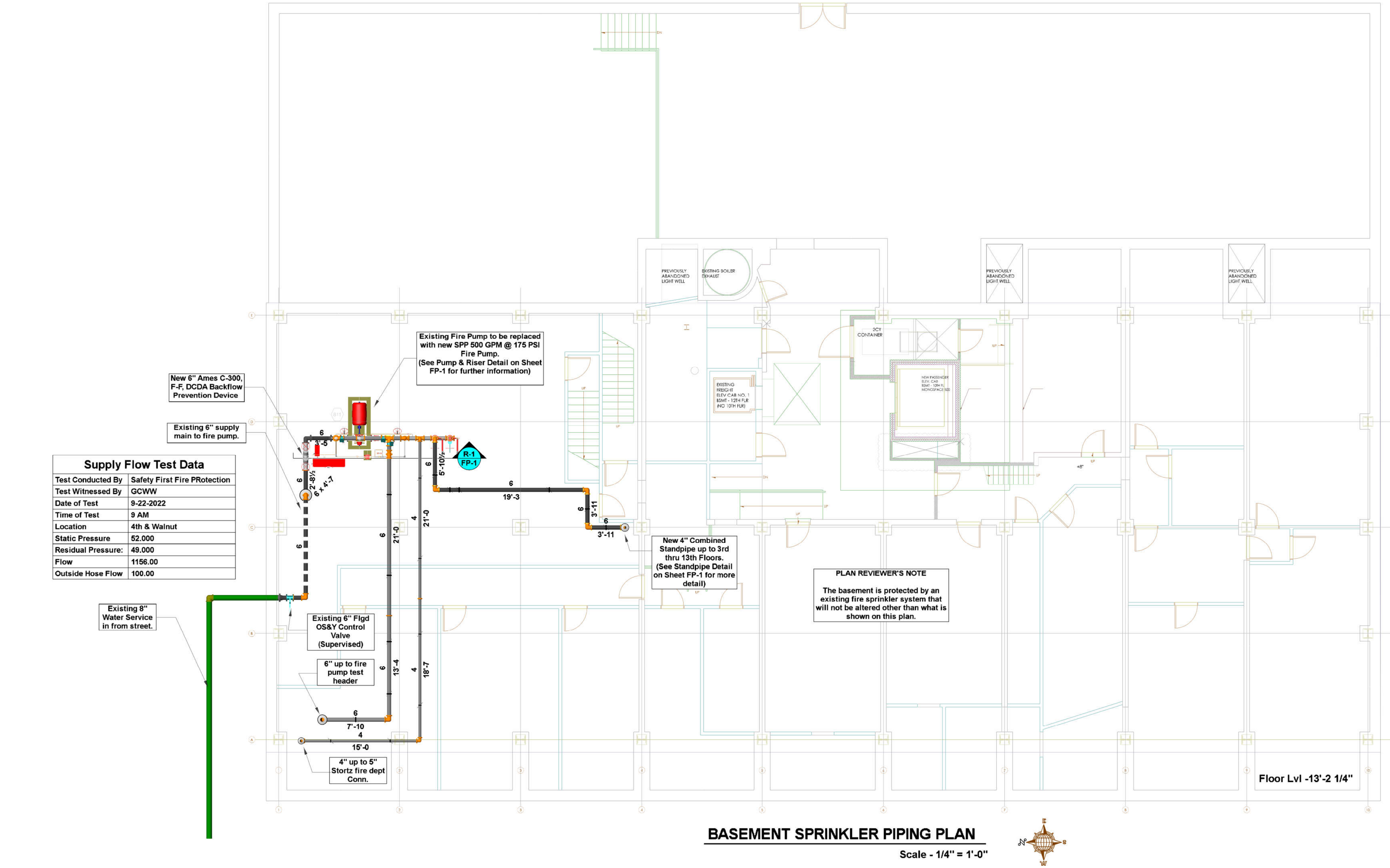
Fire License #
#54-25-2230
 STATE OF OHIO

Designer Information

JOHN PAULSEN
 STATE OF OHIO A.S.D.
 DESIGNER ID#: 3016

Project Name and Address

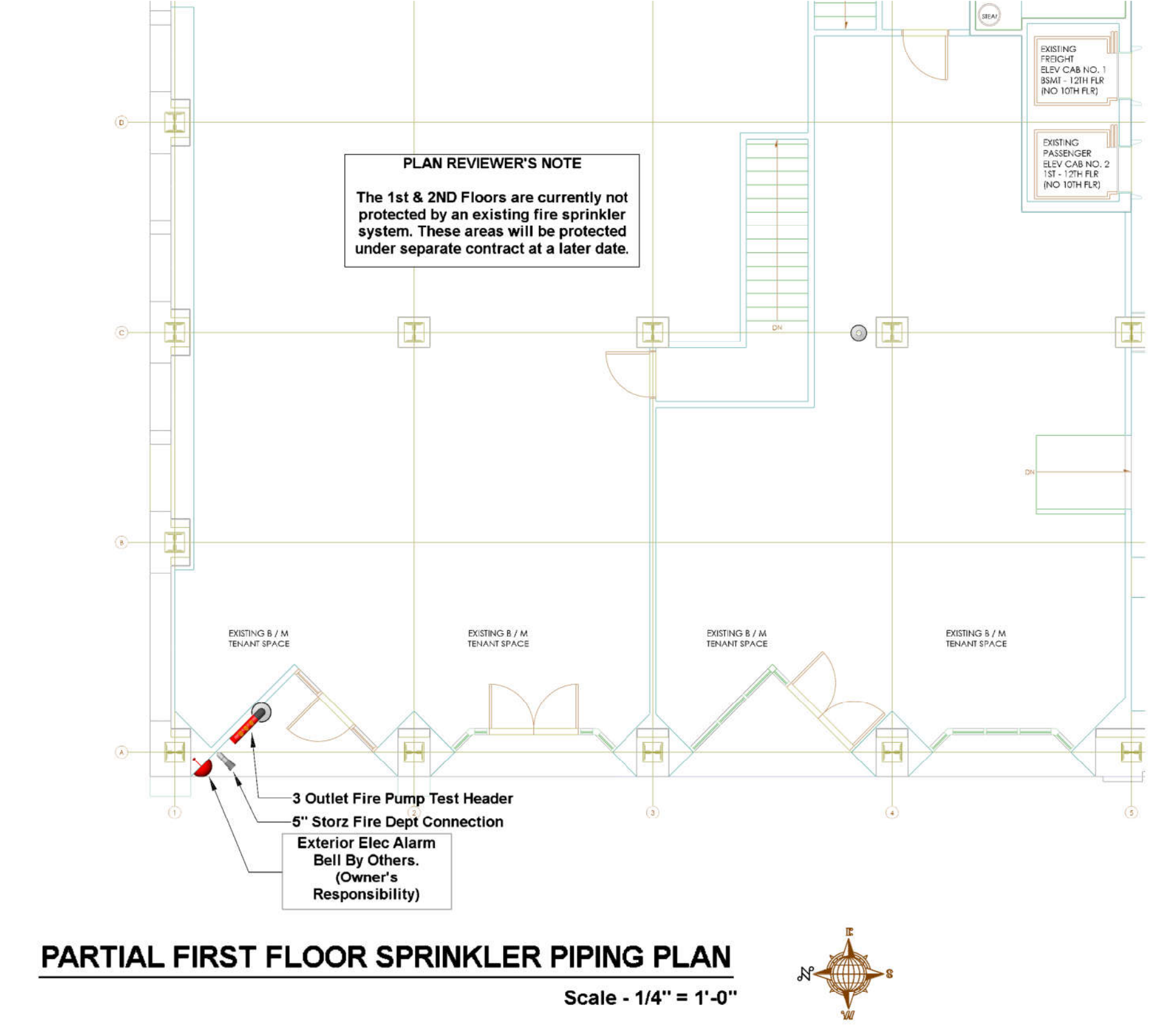
Fire Sprinkler Install
 Drawings for:
MERCANTILE LIBRARY BUILDING
 414 WALNUT STREET
 CINCINNATI, OHIO
 45202



BASEMENT SPRINKLER PIPING PLAN

Scale - 1/4" = 1'-0"

| Supply Flow Test Data | |
|-----------------------|------------------------------|
| Test Conducted By | Safety First Fire Protection |
| Test Witnessed By | GCWW |
| Date of Test | 9-22-2022 |
| Time of Test | 9 AM |
| Location | 4th & Walnut |
| Static Pressure | 52.000 |
| Residual Pressure: | 49.000 |
| Flow | 1156.00 |
| Outside Hose Flow | 100.00 |



PARTIAL FIRST FLOOR SPRINKLER PIPING PLAN

Scale - 1/4" = 1'-0"

John Paulsen
 Cert. #3016 State of Ohio
 Automatic Sprinkler Systems Designer

| | |
|------------------------|-------------|
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| CHECKED BY: J. Paulsen | |
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| Scale: AS NOTED | |

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Owner's Responsibility:
In localities subject to freezing conditions, it is the Owner's responsibility to provide adequate heat throughout the wet pipe sprinkler system's area and in enclosures for dry pipe, deluge and other types of valves controlling sprinkler system water supplies.

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Installer Information
Fire License #
#54-25-2230
STATE OF OHIO

Designer Information
JOHN PAULSEN
STATE OF OHIO A.S.D.
DESIGNER ID#: 3016

Project Name and Address

Fire Sprinkler Install
Drawings for:

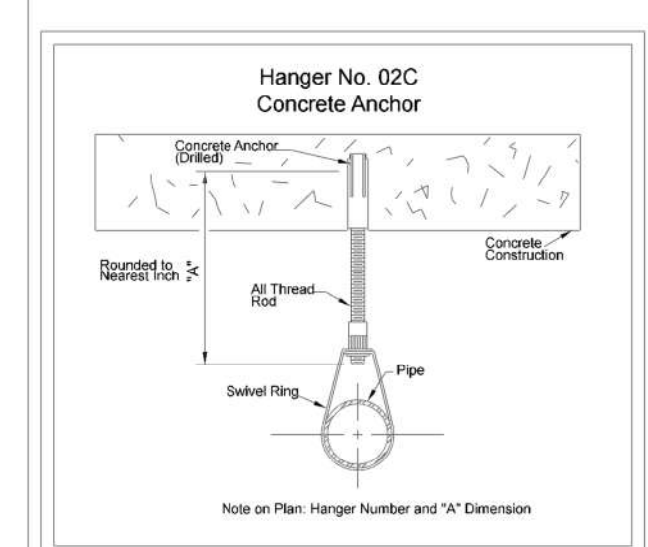
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45202

| | |
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| DATE: 12/15/2022 | |
| Scale: AS NOTED | |

John Paulsen
Cert. #3016 State of Ohio
Automatic Sprinkler Systems Designer

PLAN REVIEWER'S NOTE
Upper Floor hydraulic calculations assume 500 GPM @ 100 PSI available at the standpipe connection. This flow is based upon the pressure and flow settings for the Zurn ZW4104SS Factory Set Pressure Regulating Valves.

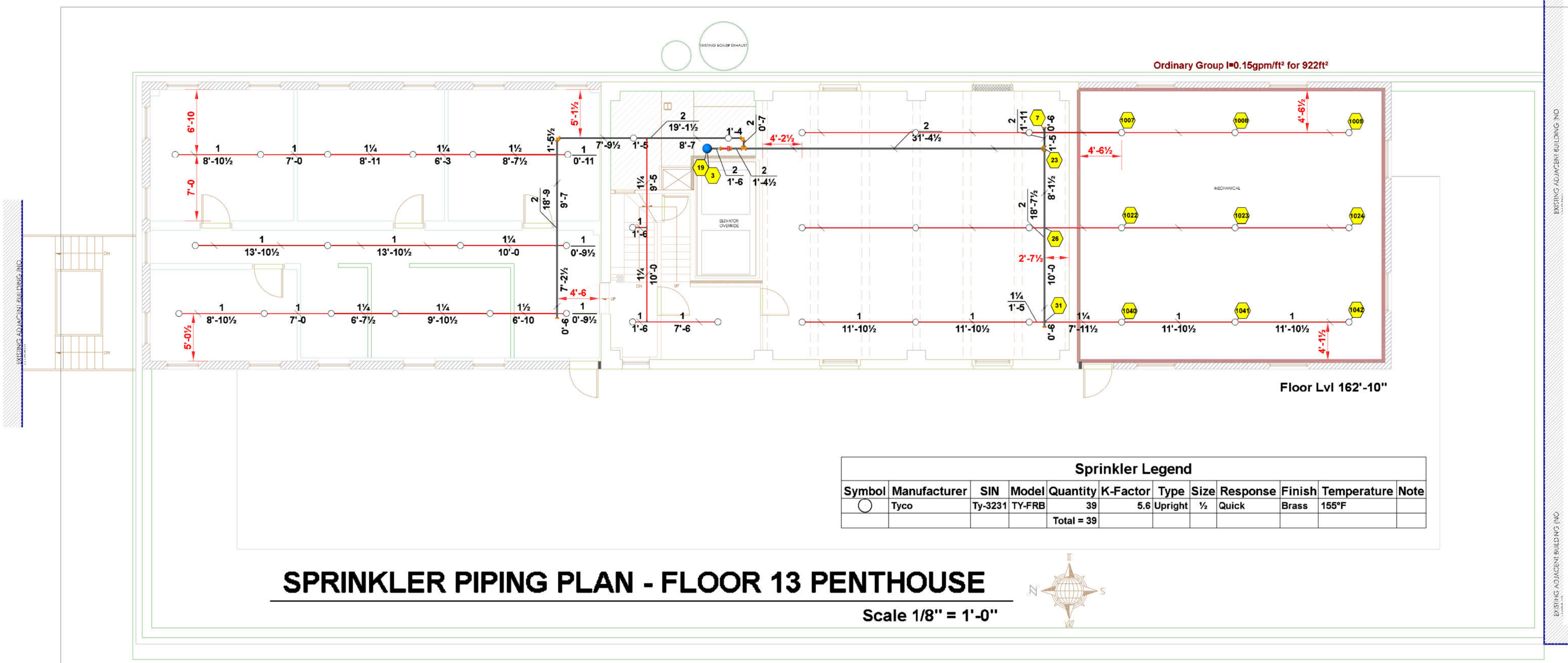
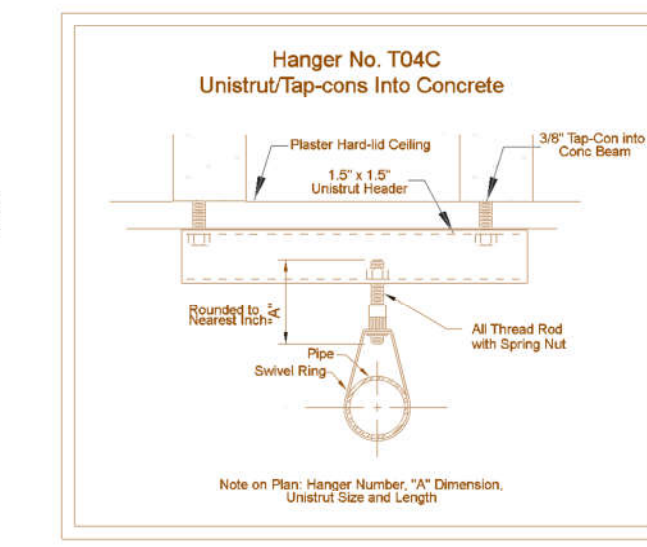
| Hydraulic Information | |
|--------------------------------|---|
| Remote Area #2 | |
| OCCUPANCY CLASSIFICATION | Ordinary Group 1 |
| DENSITY (gpm/ft ²) | 0.15 for 1500ft ² (Actual 922ft ²) |
| TOTAL HOSE STREAMS | 250.00 |
| TOTAL HEADS FLOWING | 9 |
| K-FACTOR | 5.6 |
| TOTAL WATER REQUIRED | 433.03 |
| TOTAL PRESSURE REQUIRED | 39.205 |
| BASE OF RISER (gpm) | 433.03 |
| BASE OF RISER (psi) | 39.205 |
| SAFETY MARGIN (psi) | +80.088 (67.1%) |



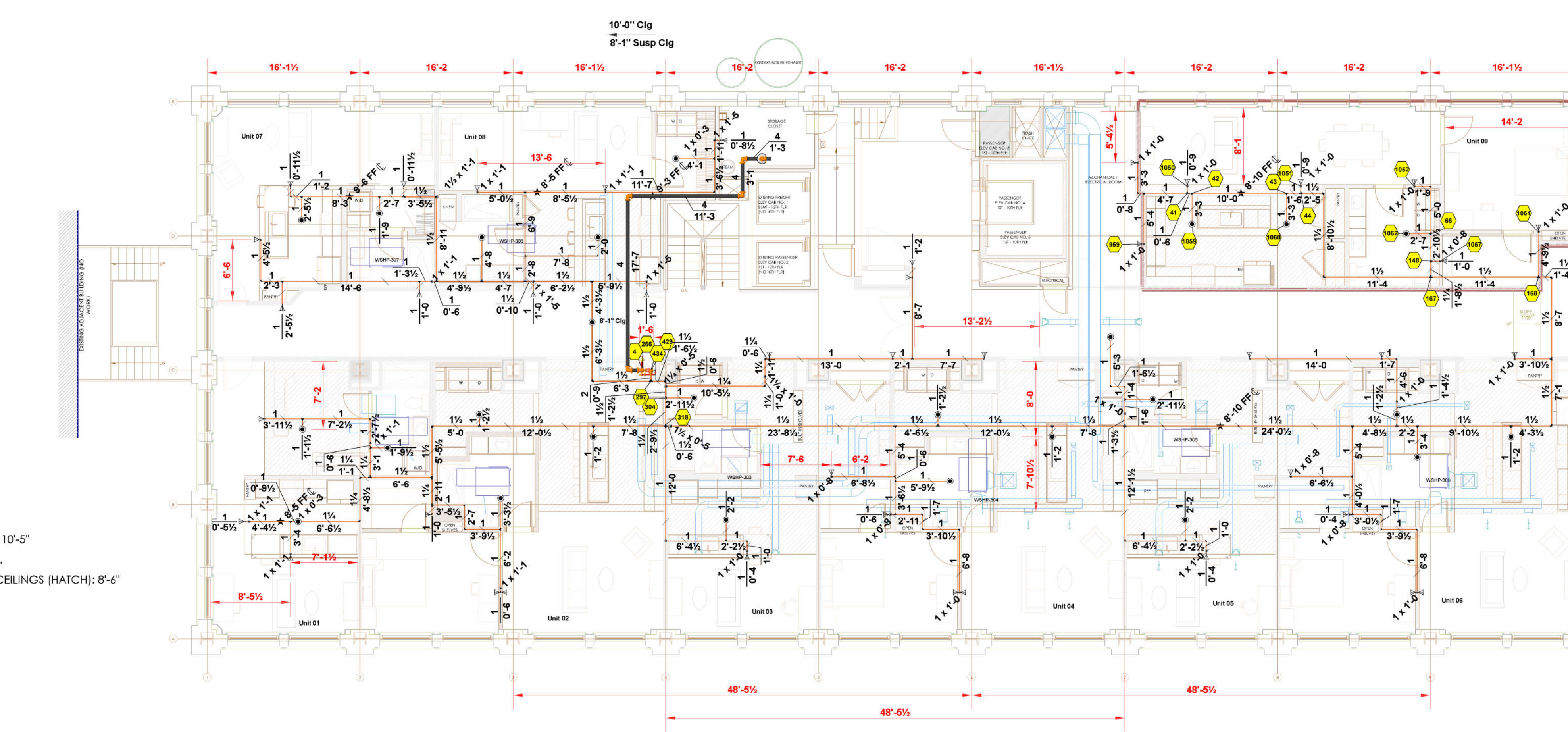
Hydraulic Information

| Remote Area #1 | |
|--------------------------------|---|
| OCCUPANCY CLASSIFICATION | Residential |
| DENSITY (gpm/ft ²) | 0.10 for 1111ft ² (Actual 911ft ²) |
| TOTAL HOSE STREAMS | 138.00 |
| TOTAL HEADS FLOWING | 9 |
| K-FACTOR | 5.6 |
| TOTAL WATER REQUIRED | 337.77 |
| TOTAL PRESSURE REQUIRED | 39.205 |
| BASE OF RISER (gpm) | 337.77 |
| BASE OF RISER (psi) | 39.205 |
| SAFETY MARGIN (psi) | +15.748 (34.9%) |

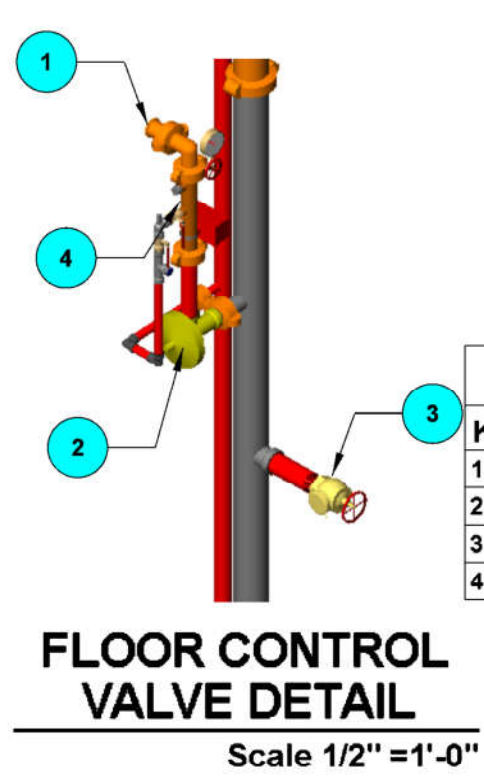
Residential=0.10gpm/ft² for 911ft²



SPRINKLER PIPING PLAN - FLOOR 13 PENTHOUSE
Scale 1/8" = 1'-0"



SPRINKLER PIPING PLAN - FLOOR 10
Scale 1/8" = 1'-0"



Parts Legend

| Key Note | Size | Description | Quantity |
|----------|--------|---|----------|
| 1 | 2" | CPVC Grooved Adapter | 1 |
| 2 | 2" | Zurn ZW4104SS Valve, Pressure Reducing, T-T (angle) | 1 |
| 3 | 2 1/2" | Hose Valve T-T | 1 |
| 4 | 2" | Grv Riser Manifold | 1 |

STANDARD HVAC ABBREVIATIONS

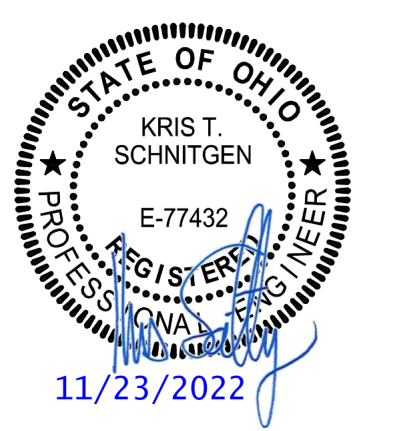
| | | | | | |
|--------|--|--------|-------------------------------------|-------|-----------------------------|
| AAV | AUTOMATIC AIR VENT | HD | HEAD | RO | REVERSE OSMOSIS |
| ACCESS | ACCESSORIES | HOA | HAND/OFF/AUTOMATIC | RPM | REVOLUTIONS PER MINUTE |
| AD | ACCESS DOOR | HP | HORSEPOWER | RS | REFRIGERANT SUCTION |
| AFF | ABOVE FINISHED FLOOR | HPR | HIGH PRESSURE RETURN | SA | SUPPLY AIR |
| AMP | AMPERE | HSTAT | HUMIDISTAT | SAT | SUPPLY AIR TEMPERATURE |
| AP | ACCESS PANEL | HTG | HEATING | SC | SHADING COEFFICIENT |
| APD | AIR PRESSURE DROP | HTR | HEATING HOT WATER RETURN | SCD | SMOKE CONTROL DAMPER |
| ARI | AIR CONDITIONING AND REFRIGERATION INSTITUTE | HWS | HEATING HOT WATER SUPPLY | SD | SMOKE DETECTOR |
| ASHME | AMERICAN SOCIETY OF MECHANICAL ENGINEERS | HZ | HERTZ | SENS | SENSIBLE HEAT |
| BAS | BUILDING AUTOMATION SYSTEM | IO | INPUT/OUTPUT | SP | STATIC PRESSURE |
| BD | BACKDRAFT DAMPER | IQ | INDOOR AIR QUALITY | TAB | TESTING, ADJUSTING, BALANCE |
| BHP | BRAKE HORSEPOWER | IN HG | INCHES OF MERCURY | TDH | TOTAL DYNAMIC HEAD |
| BTU | BRITISH THERMAL UNIT | IN WC | INCH WATER COLUMN | TDS | TOTAL DISSOLVED SOLIDS |
| BTUH | BRITISH THERMAL UNIT PER HOUR | IN WG | INCH WATER GAUGE | TSP | TOTAL STATIC PRESSURE |
| C2 | CEILING DIFFUSER | IPLV | INTERGRATED PART LOAD VALUE | TSTAT | THERMOSTAT |
| CFH | CUBIC FEET PER HOUR | INST | INSTALLED | UL | UNDERWRITERS LABORATORY |
| CFM | CUBIC FEET PER MINUTE | KW | KILOWATT | VAV | VARIABLE AIR VOLUME |
| CHWR | CHILLED WATER RETURN | KWH | KILOWATT HOUR | VFD | VARIABLE FREQUENCY DRIVE |
| CHWS | CHILLED WATER SUPPLY | LAT | LEAVING AIR TEMPERATURE | WB | WET-BULB (TEMPERATURE) |
| CI | CAST IRON | LBS/HR | POUNDS PER HOUR | WG | WATER GAGE |
| CLG | COOLING | LF | LINEAR FOOT (FEET) | WPD | WATER SIDE PRESSURE DROP |
| CO | CARBON MONOXIDE | LFR | LOW PRESSURE RETURN | WIRED | WIRED |
| C02 | CARBON DIOXIDE | LPS | LEAVING WATER TEMPERATURE | | |
| COP | COEFFICIENT OF PERFORMANCE | LWT | LEAVING WATER TEMPERATURE | | |
| CVR | CONDENSER WATER RETURN | MAX | MAXIMUM | | |
| CWS | CONDENSER WATER SUPPLY | MBH | 1000 BTUH | | |
| DB | DECIBELS | MCA | MINIMUM BRANCH CIRCUIT AMPACITY | | |
| DB | DRY-BULB TEMPERATURE | MERV | MINIMUM EFFICIENCY REPORTING VALUE | | |
| DC | DISCONNECT | MIN | MINIMUM | | |
| DDC | DIRECT DIGITAL CONTROLS | MOD | MOTOR OPERATED DAMPER | | |
| DEG | DEGREE DELTA(CHANGE IN TEMPERATURE) | MPR | MEDIUM PRESSURE RETURN | | |
| DIA | DIAMETER | MPS | MEDIUM PRESSURE STEAM | | |
| DIW | DEIONIZED WATER | MRI | MAGNETIC RESONANCE IMAGING | | |
| DP | DEW POINT TEMPERATURE | MVD | MANUAL VOLUME DAMPER | | |
| DX | DIRECT EXPANSION | NA | NOT APPLICABLE | | |
| EA | EXHAUST AIR | NC | NOISE CRITERIA | | |
| EAT | ENTERING AIR TEMPERATURE | NO | NORMALLY CLOSED | | |
| EER | ENERGY EFFICIENCY RATIO | NO | NORMALLY OPEN | | |
| EG | EXHAUST GRILLE | NTS | NOT TO SCALE | | |
| EMERG | EMERGENCY POWER | OA | OUTSIDE AIR | | |
| ESP | EXTERNAL STATIC PRESSURE | OP | OVER CURRENT PROTECTION | | |
| EWT | ENTERING WATER TEMPERATURE | PD | PRESSURE DROP | | |
| EX | EXISTING | PPM | PARTS PER MILLION | | |
| F | FAHRENHEIT | PRS | PRESSURE REGULATING (VALVE) STATION | | |
| F&T | FLOAT AND THERMOSTATIC | PRV | PRESSURE REGULATING VALVE | | |
| FA | FREE AREA | PSI | POUNDS PER SQUARE INCH | | |
| FD | FIRE DAMPER | PSIA | POUNDS PER SQUARE INCH - ABSOLUTE | | |
| FLA | FULL LOAD AMPERES | PSIG | POUNDS PER SQUARE INCH - GAGE | | |
| FPM | FEET PER MINUTE | RA | RETURN AIR | | |
| FPS | FEET PER SECOND | RAT | RETURN AIR TEMPERATURE | | |
| FT | FEET | RH | RELATIVE HUMIDITY | | |
| FURN | FURNISHED | RL | REFRIGERANT LIQUID LINE | | |
| GA | GAUGE | RLA | RUN LOAD AMPERE | | |
| GAL | GALLONS | | | | |
| GPM | GALLONS PER MINUTE | | | | |

MECHANICAL LEGEND

| SYMBOL | DESCRIPTION |
|---|--|
| PLAN-VIEW LINE TYPES | |
| | WORK SHOWN FADED INDICATES EXISTING WORK TO REMAIN OR NEW WORK BY OTHERS AS APPLICABLE |
| | WORK SHOWN BOLD-CONTINUOUS INDICATES NEW WORK |
| DRAWING SET APPEARANCE | |
| TO BETTER COMMUNICATE SCOPE TO PERMIT AGENCIES AND CONTRACTORS, EACH DRAWING IN THIS DRAWING SET HAS BEEN CREATED IN BOTH "COLOR" AND "BLACK AND WHITE". THERE EXISTS A COLOR LAYER WITHIN EACH DRAWING WHERE VISIBILITY IS CONTROLLED THROUGH THE PDF LAYER MANAGER. THIS LAYER VISIBILITY CAN BE TOGGLED DISPLAYING EITHER "COLOR" OR "BLACK AND WHITE". TO MAINTAIN SCOPE BASED SHADING WHEN PRINTING TO PAPER, BLACK AND WHITE NEEDS TO BE VISIBLE. FOR FURTHER INSTRUCTIONS, REFER TO CONTRACTOR RESOURCES ON OUR WEBSITE AND DOWNLOAD "DRAWING COLOR INSTRUCTIONS". WWW.KLHENGRS.COM - CONTRACTOR RESOURCES (RIGHT HAND SIDE OF PAGE). | |
| PIPING LINE TYPES | |
| | CWS CONDENSER WATER SUPPLY |
| | CWR CONDENSER WATER RETURN |
| | CD CONDENSATE DRAIN |
| | SUPPLY MAIN OR BRANCH |
| | RETURN MAIN OR BRANCH |
| MECHANICAL PIPING ACCESSORIES | |
| | MANUAL ISOLATION VALVE |
| | CHECK VALVE (DIRECTION OF FLOW INDICATED) |
| | PRESSURE RELIEF VALVE |
| | PRESSURE REGULATING VALVE |
| | AUTOMATIC BALANCING VALVE |
| | MANUAL BALANCING VALVE |
| | UNION |
| | TEMPERATURE & PRESSURE TEST PORT |
| | FLOW DIRECTION |
| | FLEX PIPING CONNECTOR |
| | THERMOMETER |
| | PRESSURE GAUGE |
| | Y-STRAINER |
| | STRAINER WITH BLOW OFF |
| | DRAIN VALVE (3/4" UNLESS OTHERWISE NOTED) |
| | 3 WAY CONTROL VALVE (2 POSITION) |
| | 3 WAY CONTROL VALVE (MODULATION) |
| | 2 WAY CONTROL VALVE (MODULATION) |
| | 2 WAY CONTROL VALVE (2 POSITION) |
| MECHANICAL AIR DEVICES | |
| | SUPPLY REGISTER |
| | RETURN REGISTER |
| | EXHAUST REGISTER |
| | SUPPLY GRILLE |
| MECHANICAL DUCTWORK | |
| | SUPPLY DUCT WITH ELBOW TURNED UP |
| | SUPPLY DUCT WITH ELBOW TURNED DOWN |
| | RETURN DUCT WITH ELBOW TURNED UP |
| | RETURN DUCT WITH ELBOW TURNED DOWN |
| | EXHAUST DUCT WITH ELBOW TURNED UP |
| | EXHAUST DUCT WITH ELBOW TURNED DOWN |
| | 24X12 SA SUPPLY DUCT |
| | 24X12 RA RETURN DUCT |
| | 24X12 EA EXHAUST DUCT |
| | 24X12 OA OUTSIDE AIR DUCT |
| | 1" LINED DUCTWORK |
| | DUCT FLEX CONNECTOR |
| | FLEXIBLE DUCTWORK CONNECTION |
| | BRANCH TAKEOFF |
| | REDUCER, CONCENTRIC |
| | REDUCER, NONCONCENTRIC |

MECHANICAL LEGEND

| SYMBOL | DESCRIPTION |
|--|---|
| MECHANICAL DUCTWORK ACCESSORIES | |
| | DUCT WITH MANUAL VOLUME DAMPER |
| | ROUND ELBOW WITH TURNING VANES |
| | ELBOW WITH TURNING VANES |
| | MOTOR OPERATED DAMPER - LINE VOLTAGE |
| | MOTOR OPERATED DAMPER - LOW VOLTAGE |
| | DUCT MOUNTED SMOKE DETECTOR (HARD WIRE INTERLOCK TO FAN MOTOR BY E.C.) FURNISHED BY E.C., INSTALLED BY M.C. |
| | FIRE DAMPER - 1.5 HR |
| | FIRE DAMPER - 3 HR |
| MECHANICAL STATS & SENSORS | |
| | TEMPERATURE SENSOR |
| | LOW VOLTAGE THERMOSTAT |
| | LOW VOLTAGE THERMOSTAT WITH LOCKABLE GUARD |
| | REVERSE ACTING THERMOSTAT |
| | LINE VOLTAGE THERMOSTAT |
| MECHANICAL MISCELLANEOUS | |
| | DIGITAL INPUT |
| | DIGITAL OUTPUT |
| | ANALOG INPUT |
| | ANALOG OUTPUT |
| | HARD WIRE INTERLOCK |
| | POINT OF DEMOLITION TO EXISTING (FIELD VERIFY EXISTING UTILITY SERVICE TYPE, PRIOR TO TERMINATING CONNECTION) |
| | CONNECT TO EXISTING (FIELD VERIFY EXISTING UTILITY SERVICE TYPE, PRIOR TO MAKING CONNECTION) |
| | 1" DOOR UNDERCUT |



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 WWW.KLHENGRS.COM
 1500 ALEXANDRIA PIKE, SUITE 11
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 859-442-8028 FAX
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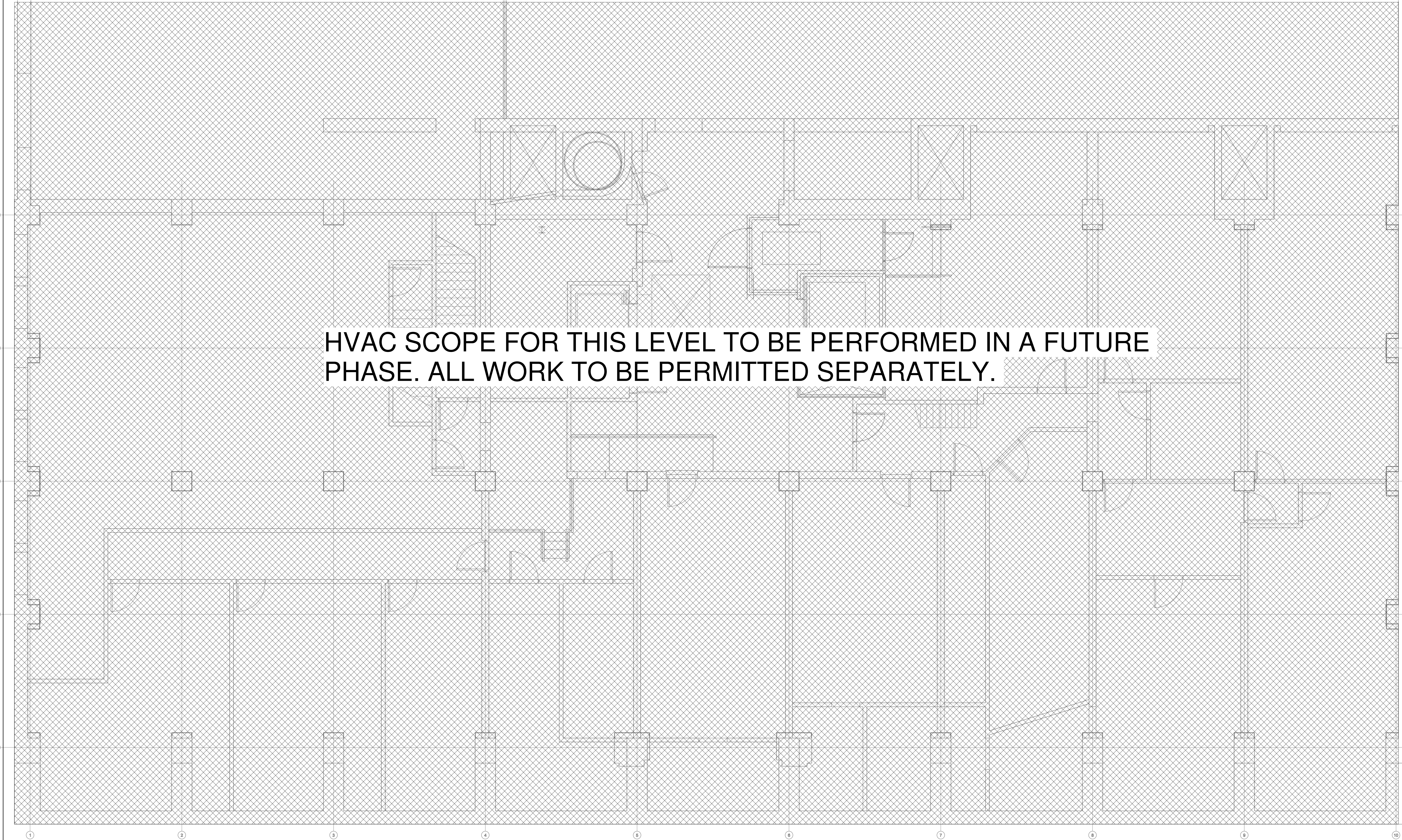
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MECHANICAL COVER SHEET

MO.1
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HVAC SCOPE FOR THIS LEVEL TO BE PERFORMED IN A FUTURE PHASE. ALL WORK TO BE PERMITTED SEPARATELY.

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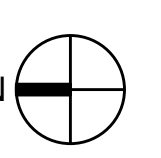


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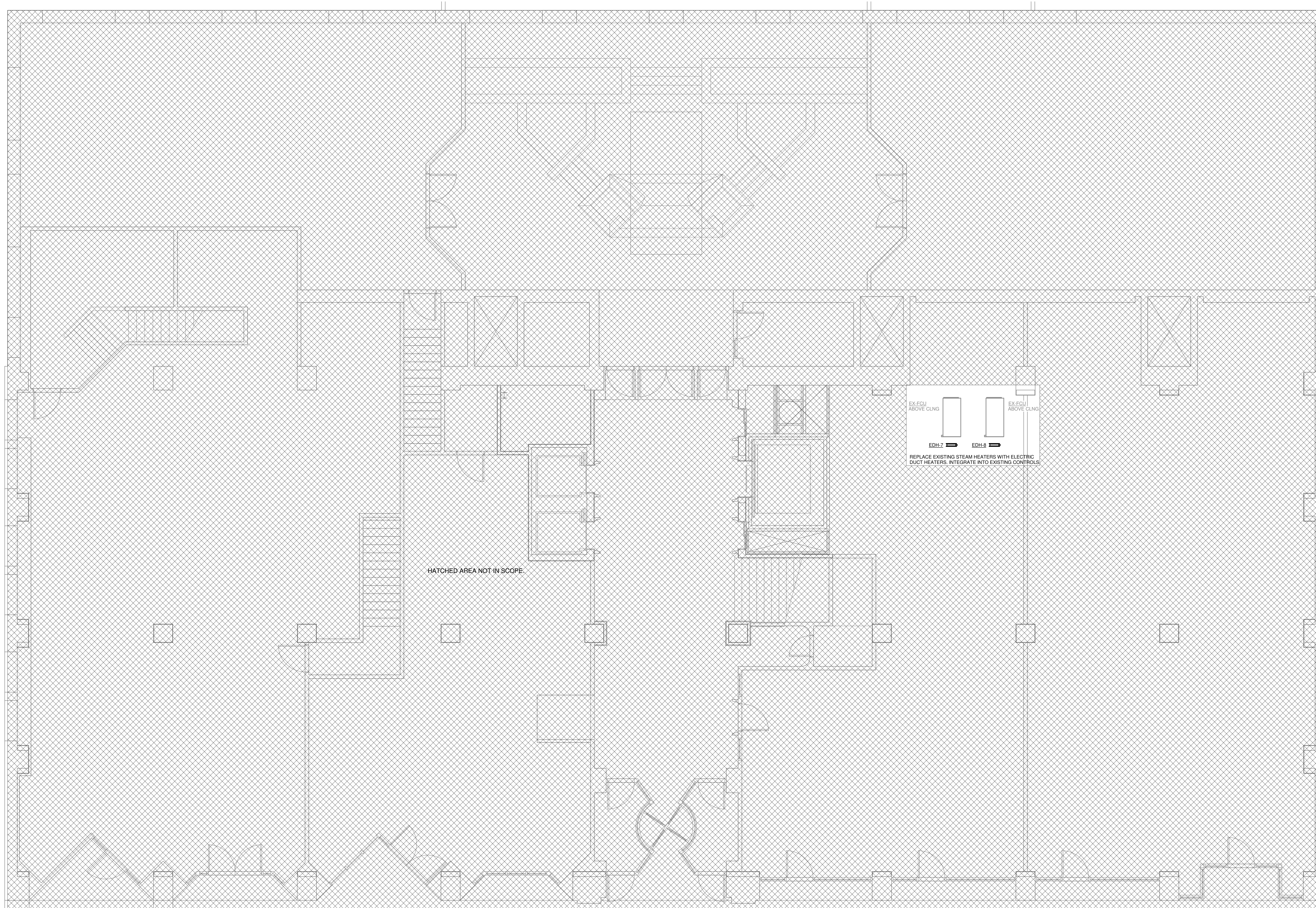
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1 MECHANICAL PLAN - BASEMENT - OVERALL
1/4" = 1'-0"



M3.00

KLH PROJECT # 24166.02



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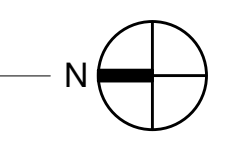
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MECHANICAL PLAN -
 LEVEL 1

M3.01
 KLH PROJECT # 24166.02

① MECHANICAL PLAN - LEVEL 1 - OVERALL
 1/4" = 1'-0"



KEYED NOTES
 H2 ROUTE CONDENSATE TO NEW FLOOR DRAIN.



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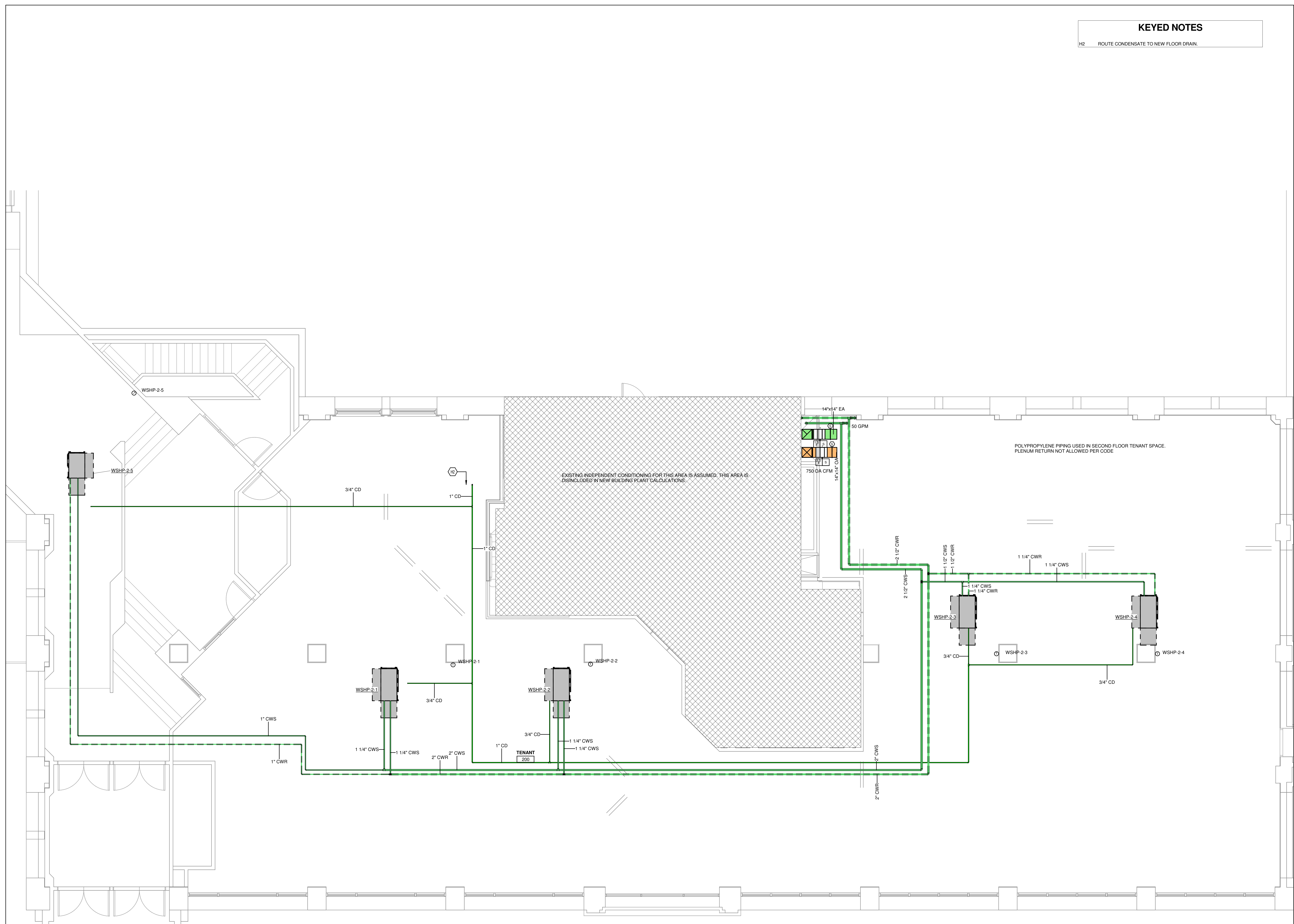
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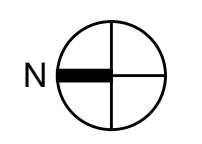
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MECHANICAL PLAN -
 LEVEL 2

M3.02
 KLH PROJECT # 24166.02



MECHANICAL PLAN - LEVEL 2 - OVERALL
 1/4" = 1'-0"



KEYED NOTES

H1 ROUTE 1" PVC DRAIN PIPE FROM WSHP TO FLOOR DRAIN.
 H4 INSTALL TRANSFER GRILLES ABOVE DOOR AS HIGH AS POSSIBLE (TYP).



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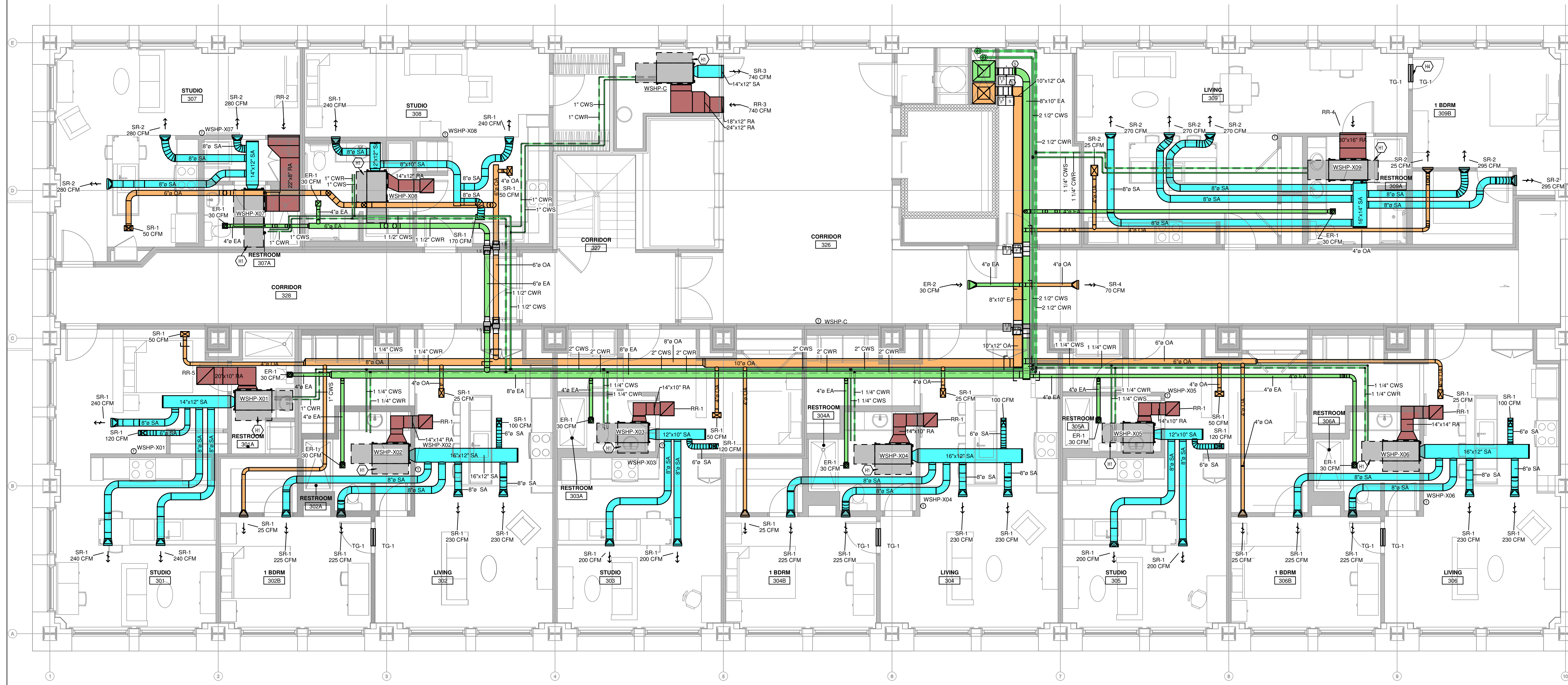
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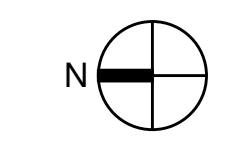
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 ISSUE LOG:
 PERMIT 11.23.22

MECHANICAL PLAN - LEVEL 3

M3.03
 KLH PROJECT # 24166.02

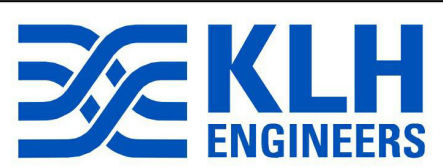


1 MECHANICAL PLAN - LEVEL 3 - OVERALL
 1/4" = 1'-0"



KEYED NOTES

H1 ROUTE 1" PVC DRAIN PIPE FROM WSHP TO FLOOR DRAIN.
H4 INSTALL TRANSFER GRILLES ABOVE DOOR AS HIGH AS POSSIBLE (TYP).



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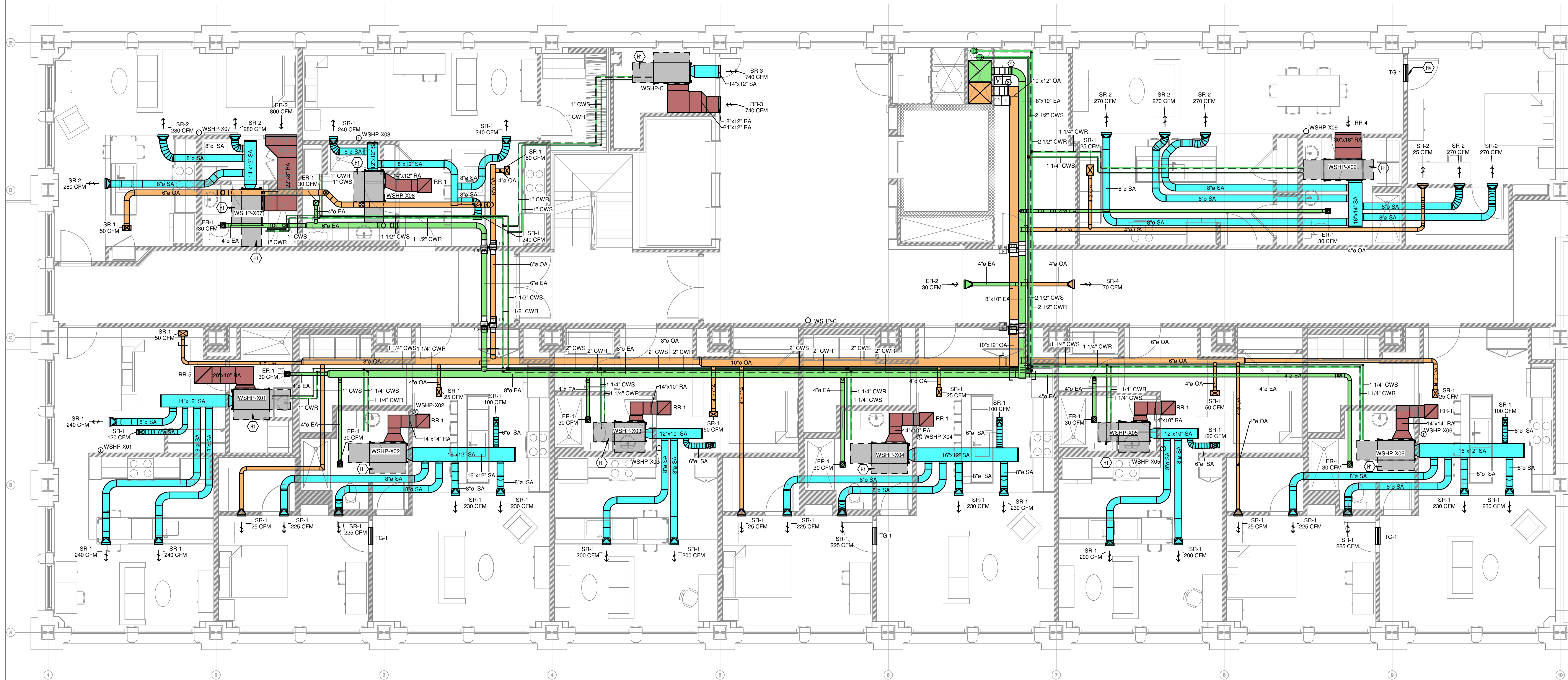


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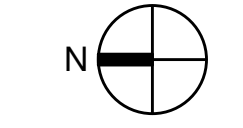
ISSUE LOG:
PERMIT 11.23.22

MECHANICAL PLAN -
LEVEL 4-9

M3.04
KLH PROJECT # 24166.02



1 MECHANICAL PLAN - LEVEL 4 THROUGH 9 - OVERALL
1/4" = 1'-0"



KEYED NOTES

- H1 ROUTE 1" PVC DRAIN PIPE FROM WSHP TO FLOOR DRAIN.
- H4 INSTALL TRANSFER GRILLES ABOVE DOOR AS HIGH AS POSSIBLE (TYP).



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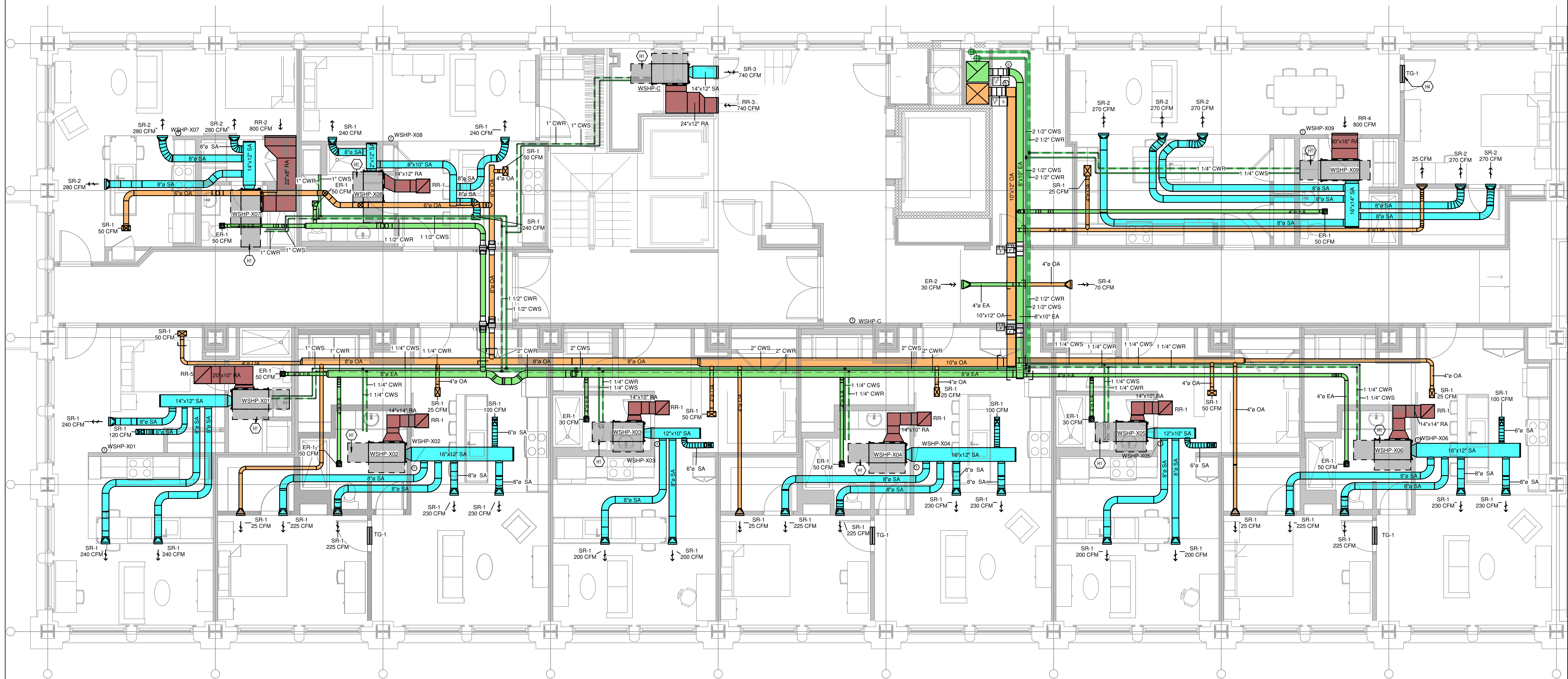
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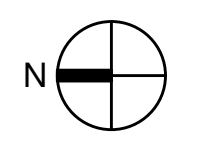
ISSUE LOG:
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MECHANICAL PLAN - LEVEL 10

M3.10
 KLH PROJECT # 24166.02



1 MECHANICAL PLAN - LEVEL 10 - OVERALL
 1/4" = 1'-0"





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MECHANICAL PLAN - LEVEL 11

M3.11
KLH PROJECT # 24166.02



1 MECHANICAL PLAN - LEVEL 11 - OVERALL
1/4" = 1'-0"



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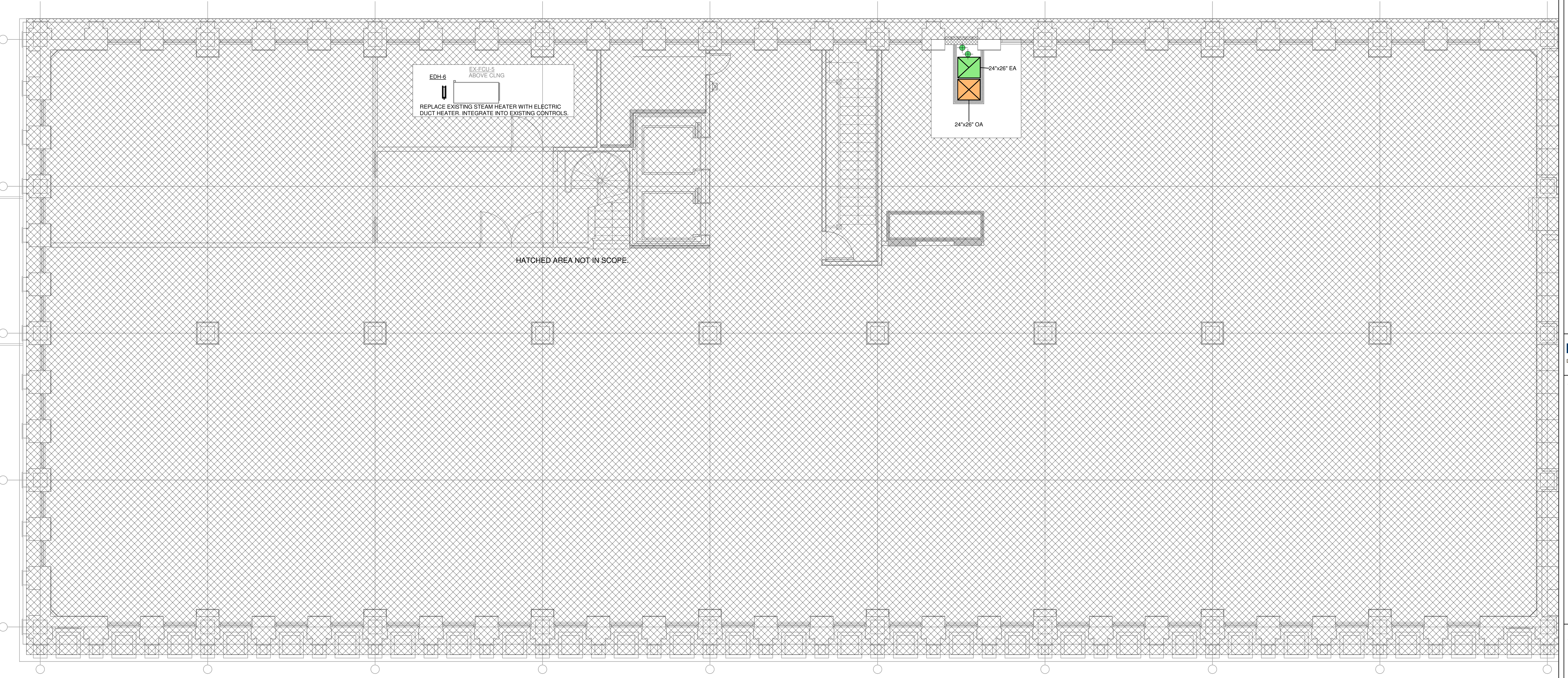
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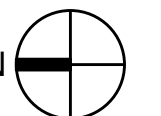
ISSUE LOG:
PERMIT 11.23.22

MECHANICAL PLAN -
LEVEL 12

M3.12
KLH PROJECT # 24166.02



1 MECHANICAL PLAN - LEVEL 12 - OVERALL
1/4" = 1'-0"



KEYED NOTES
 H2 ROUTE CONDENSATE TO NEW FLOOR DRAIN.
 H3 PROVIDE NEPTUNE DBF-SHP CHEMICAL FEEDER.



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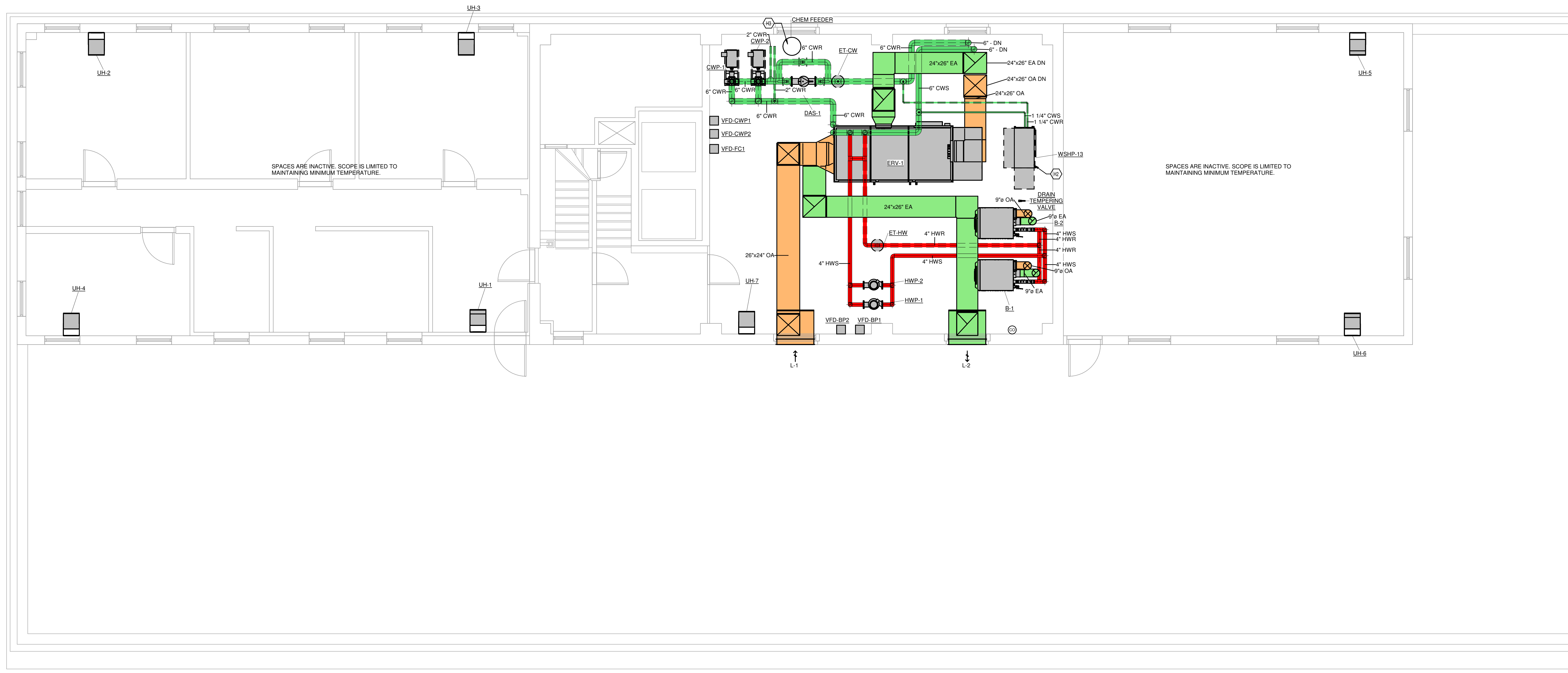
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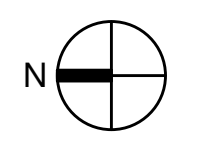
| ISSUE LOG: | |
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| PERMIT | 11.23.22 |

MECHANICAL PLAN - LEVEL 13

M3.13
 KLH PROJECT # 24166.02



1 MECHANICAL PLAN - LEVEL 13 - OVERALL
 1/4" = 1'-0"





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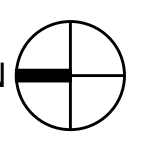
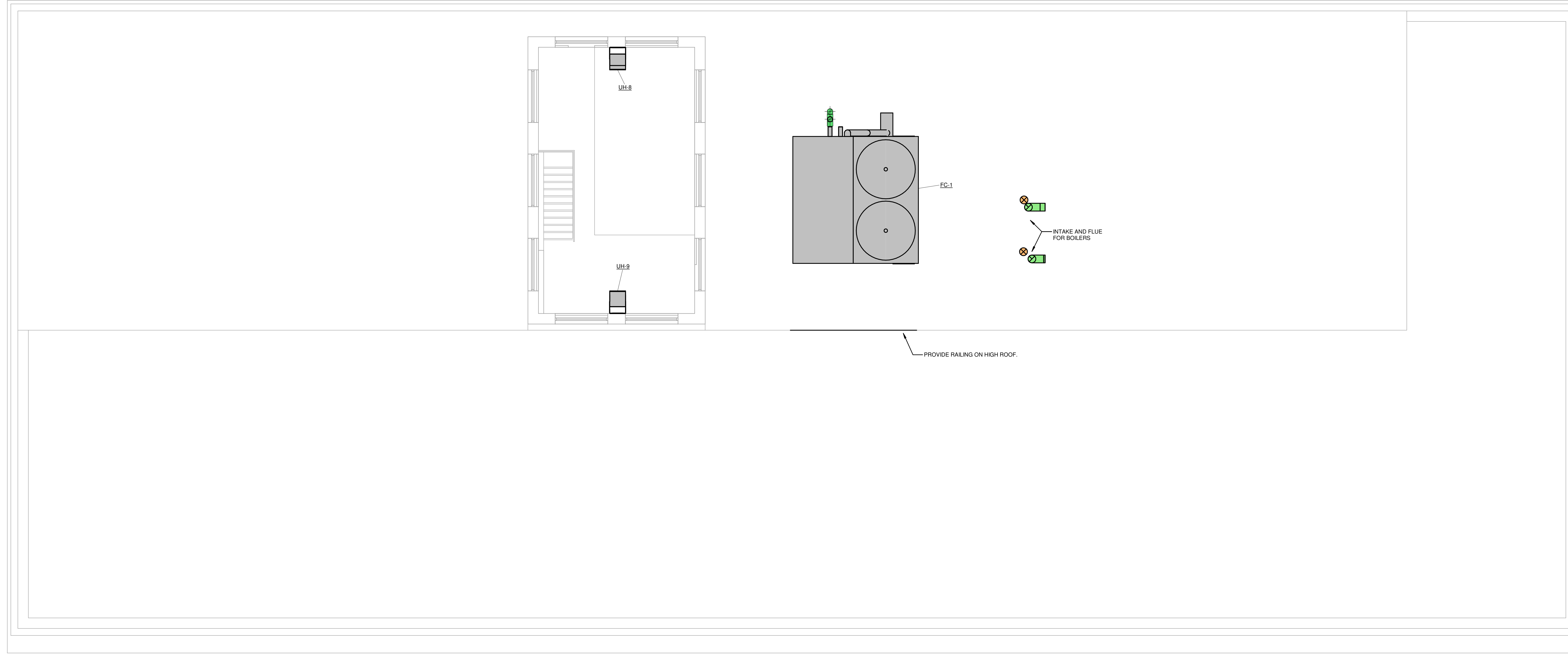
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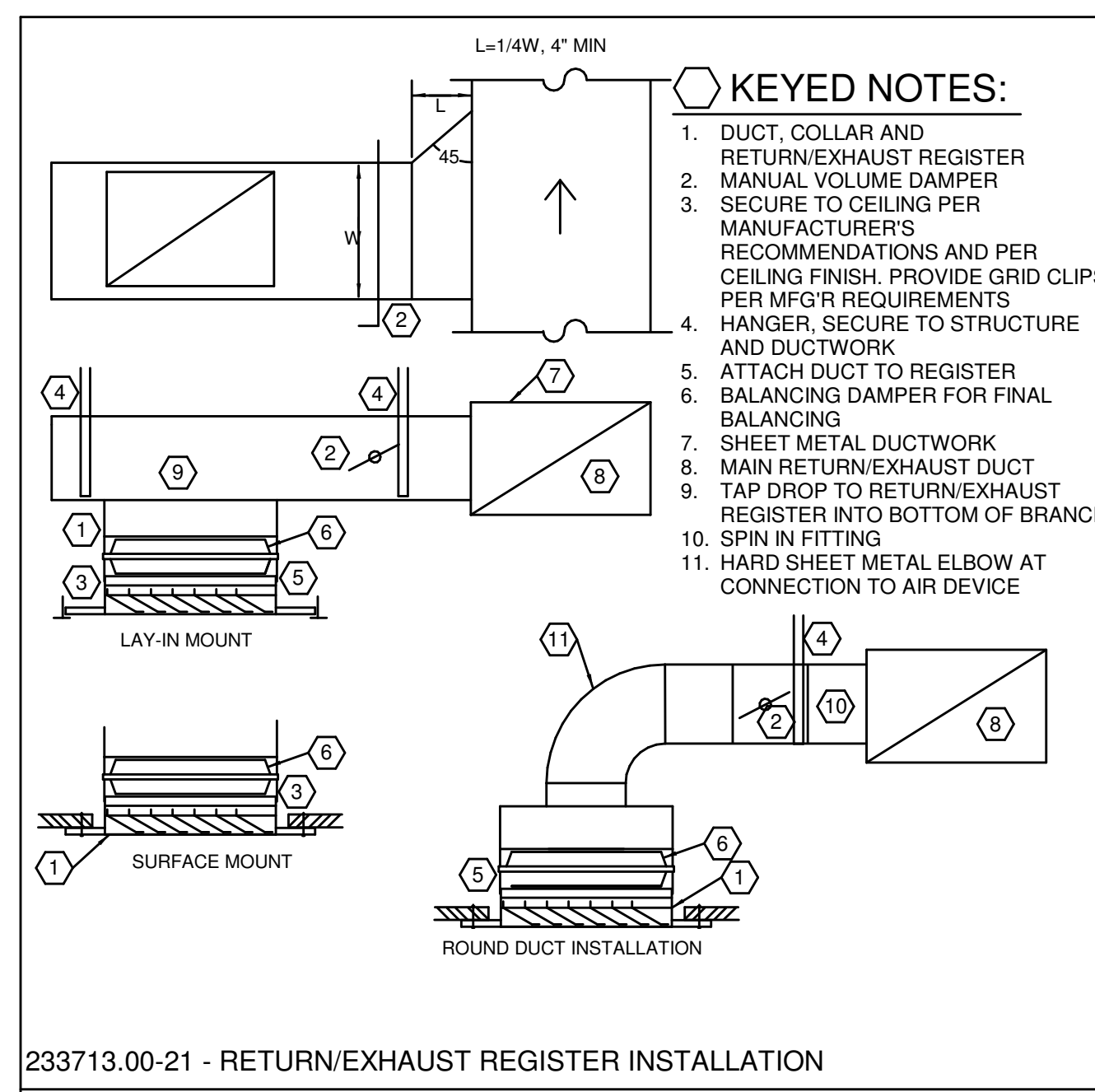


| ISSUE LOG: | |
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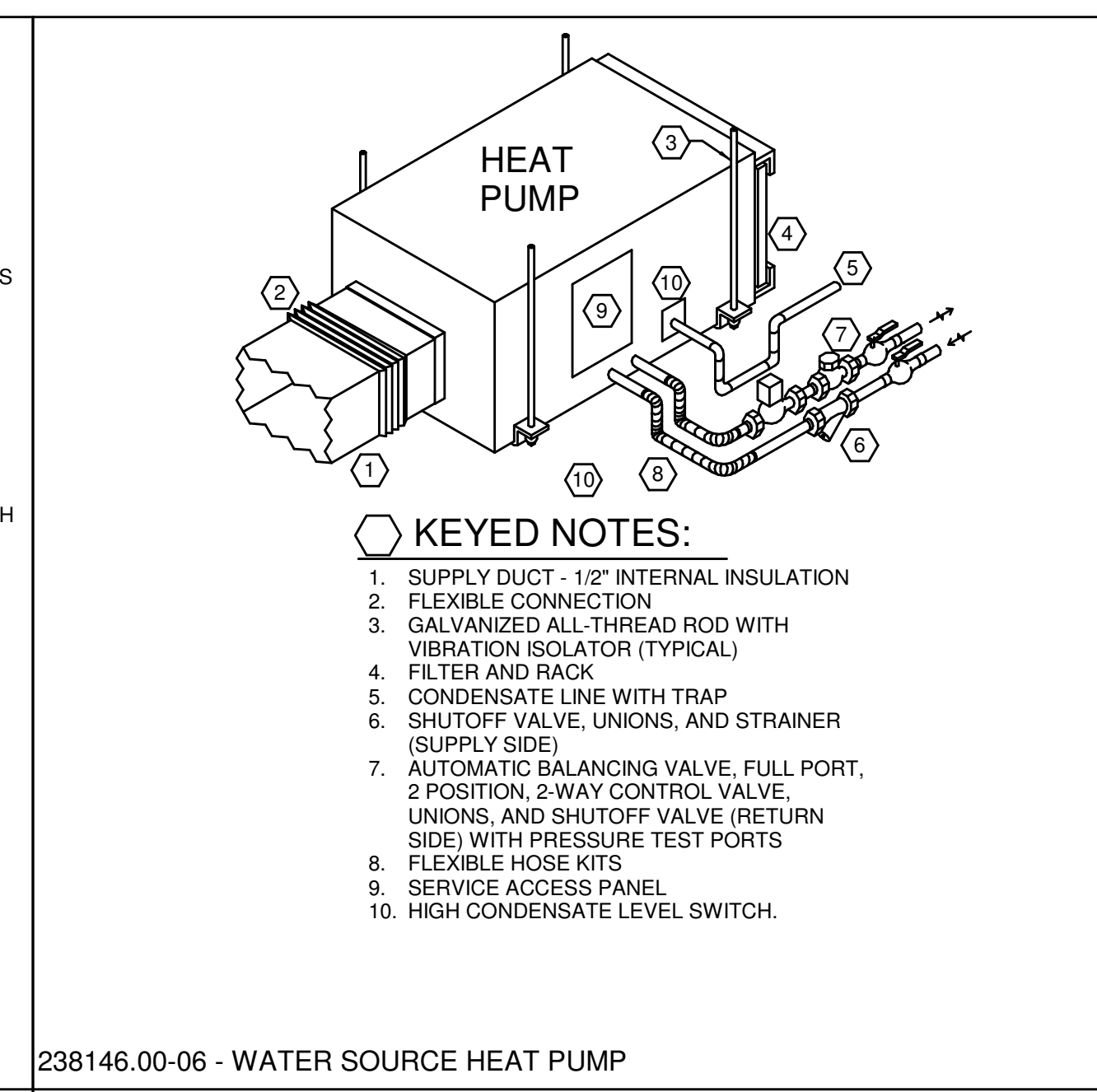
MECHANICAL PLAN -
LEVEL 14

M3.14
KLH PROJECT # 24166.02

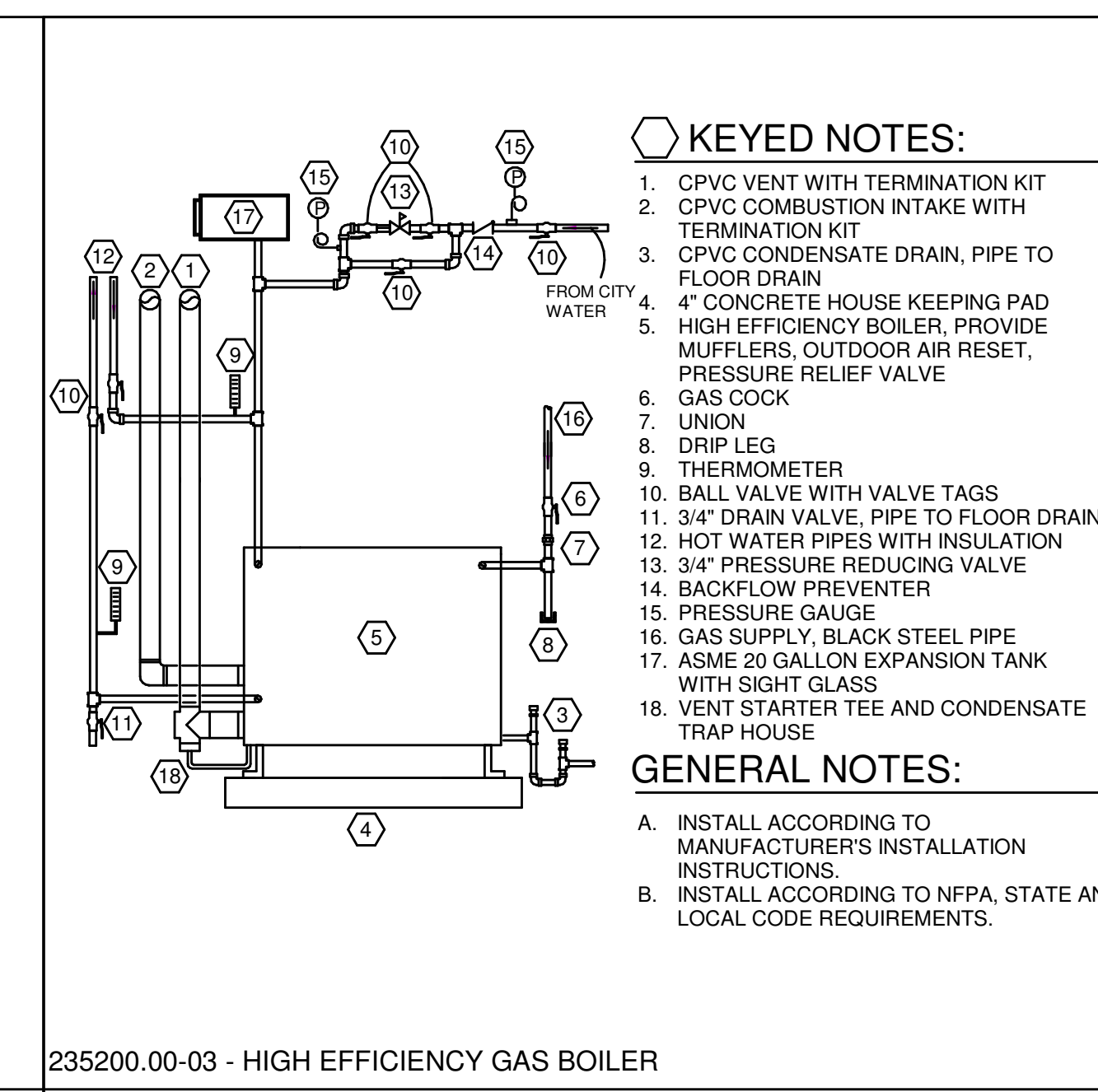




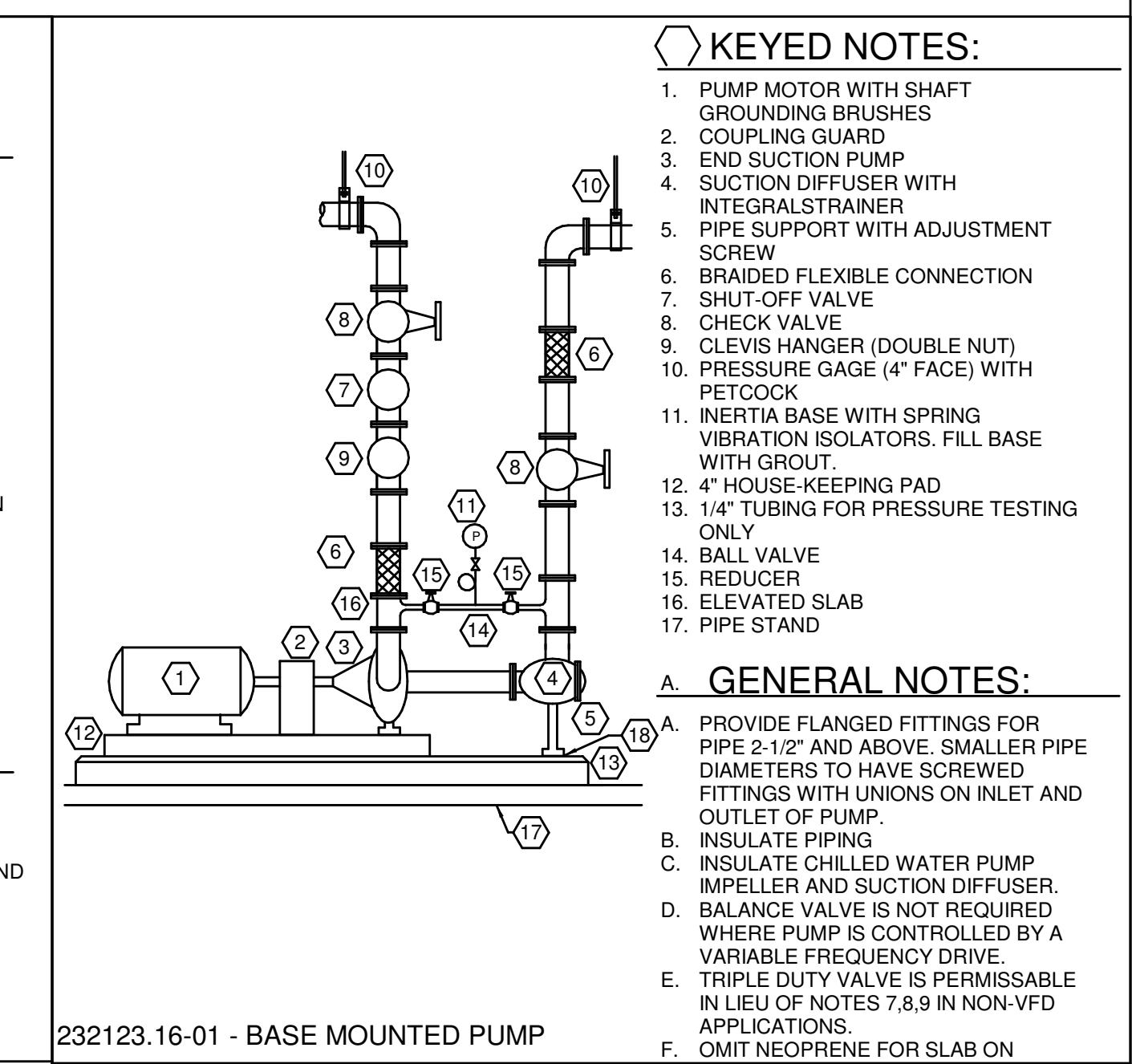
233713.00-21 - RETURN/EXHAUST REGISTER INSTALLATION
SCALE: NONE



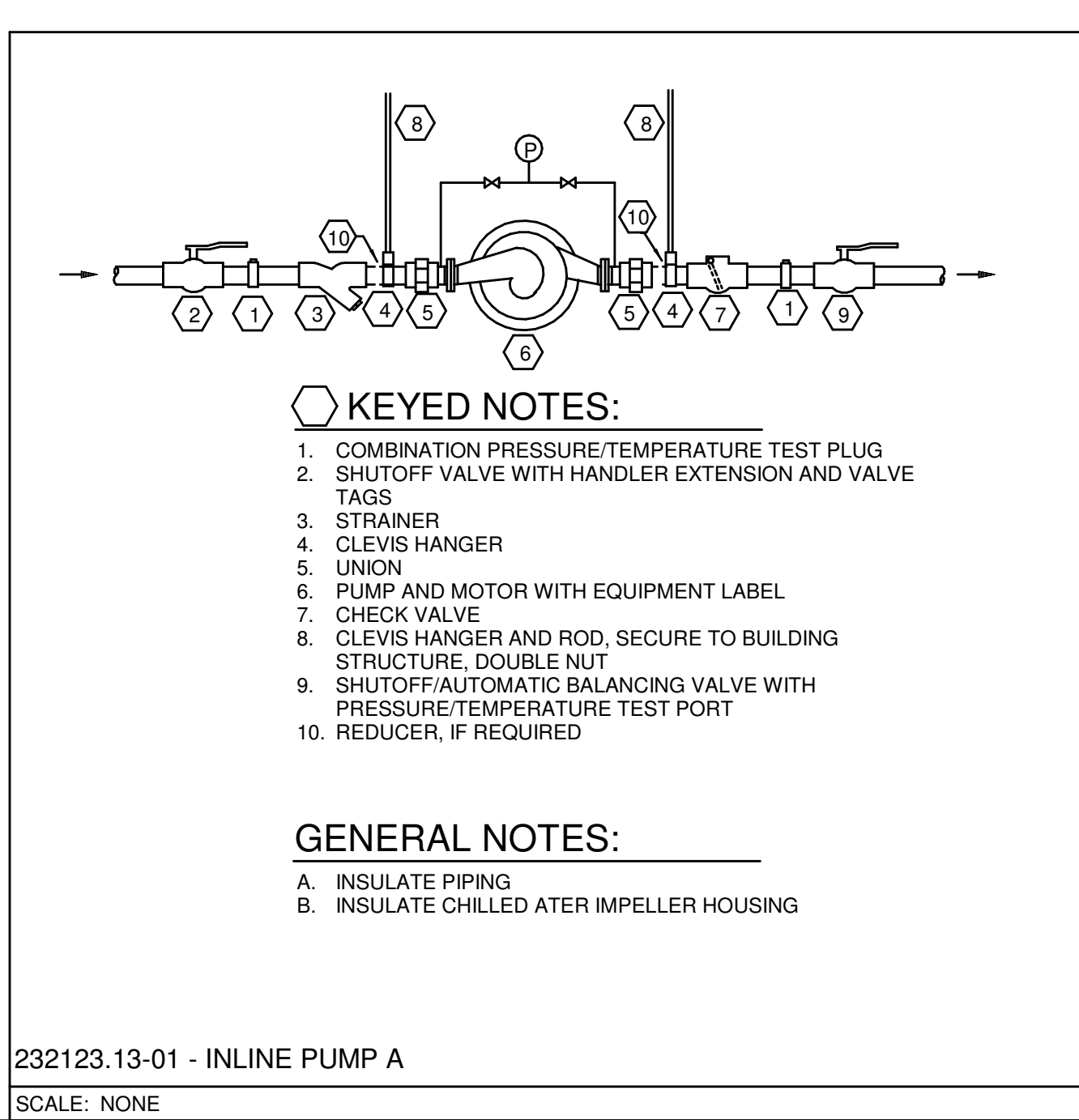
238146.00-06 - WATER SOURCE HEAT PUMP
SCALE: NONE



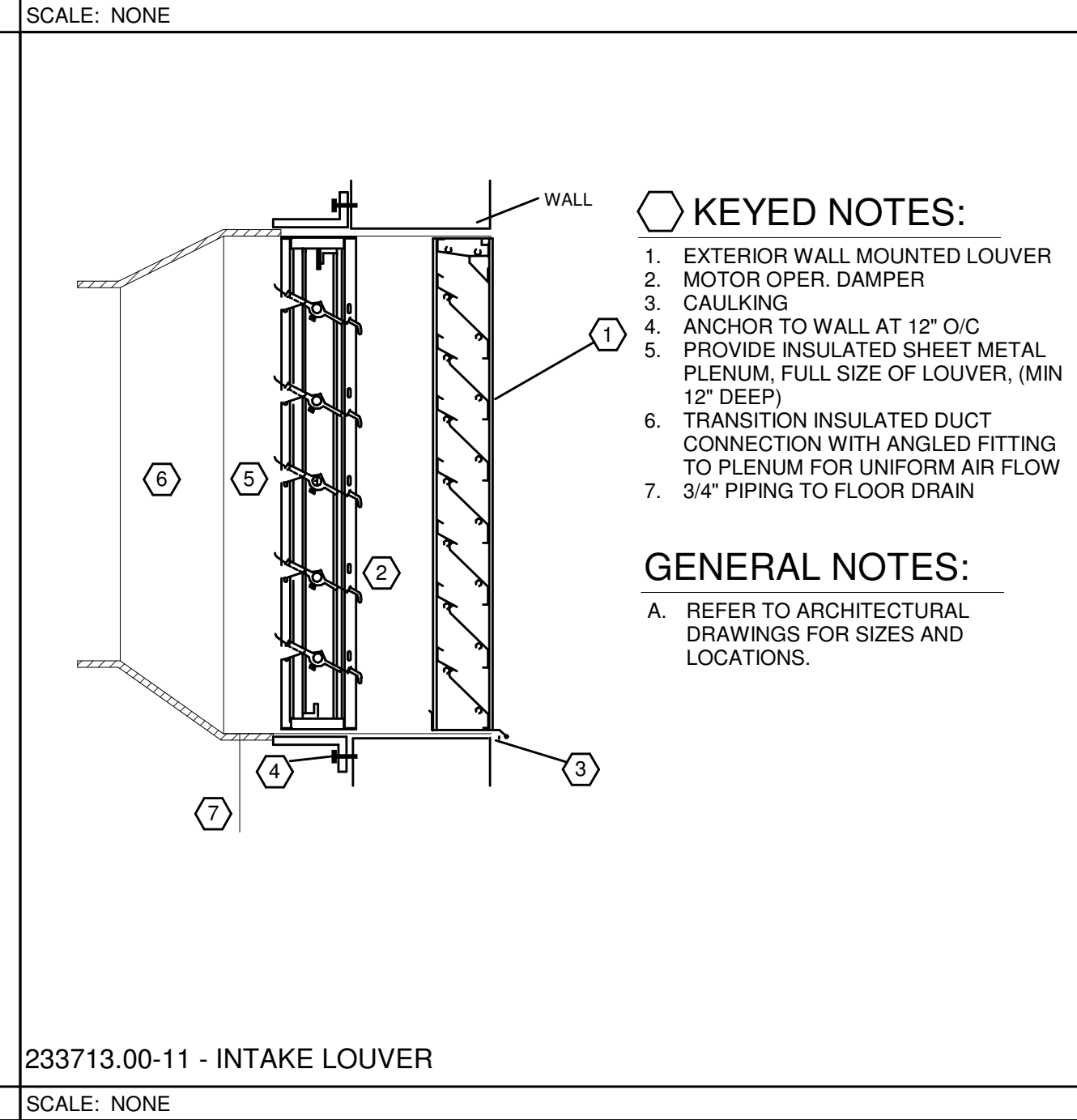
235200.00-03 - HIGH EFFICIENCY GAS BOILER
SCALE: NONE



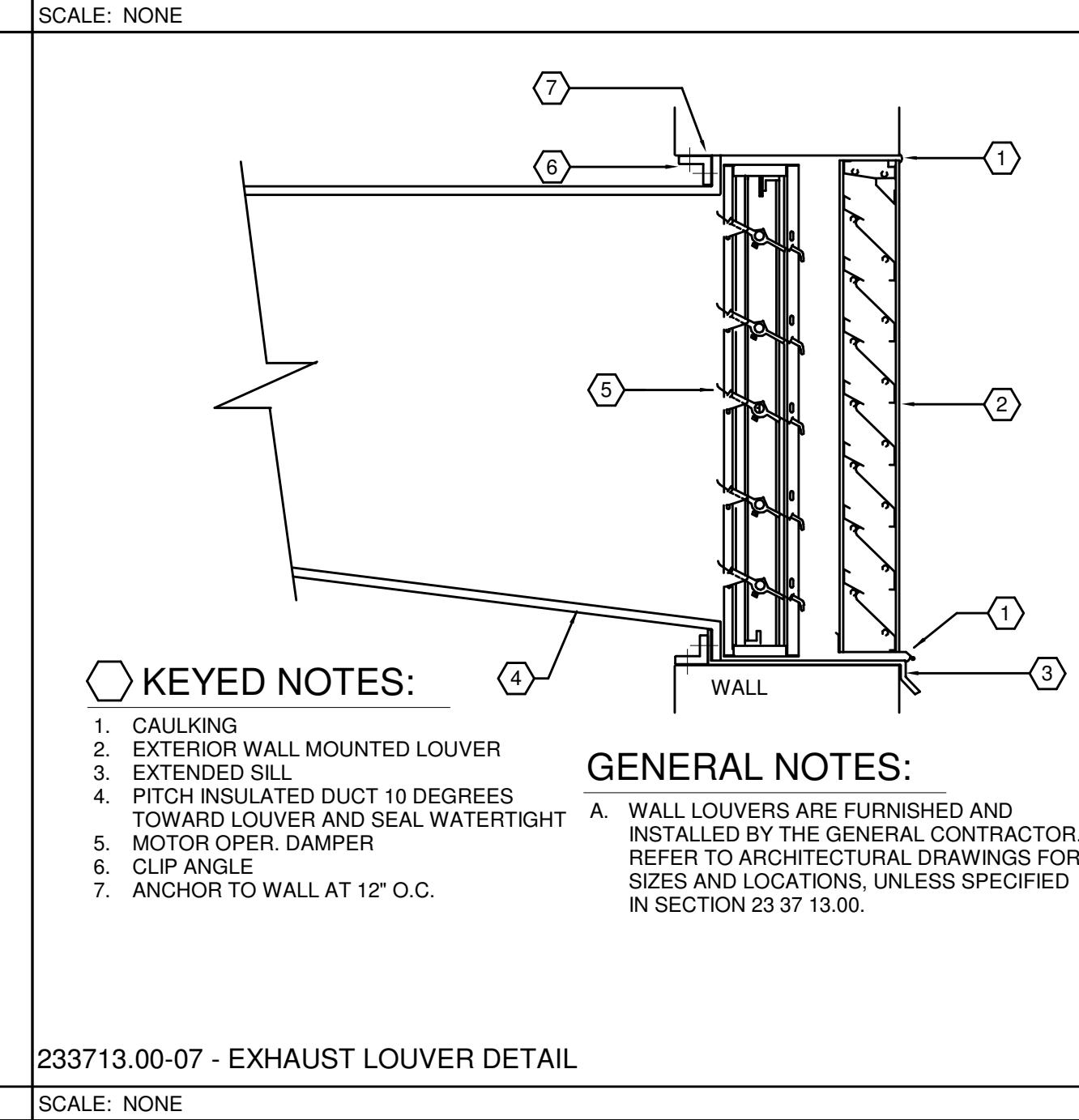
232123.16-01 - BASE MOUNTED PUMP
SCALE: NONE



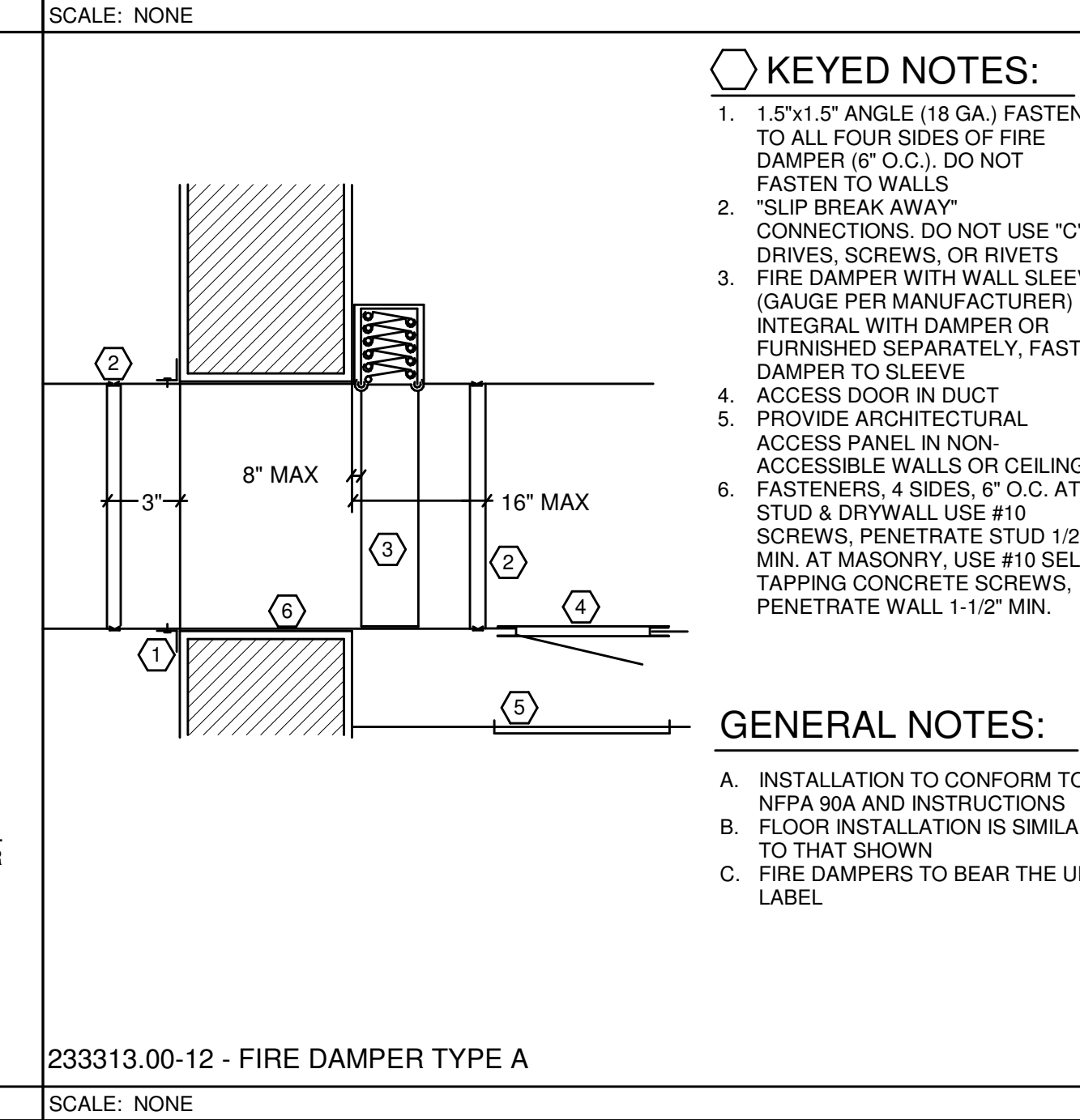
232123.13-01 - INLINE PUMP A
SCALE: NONE



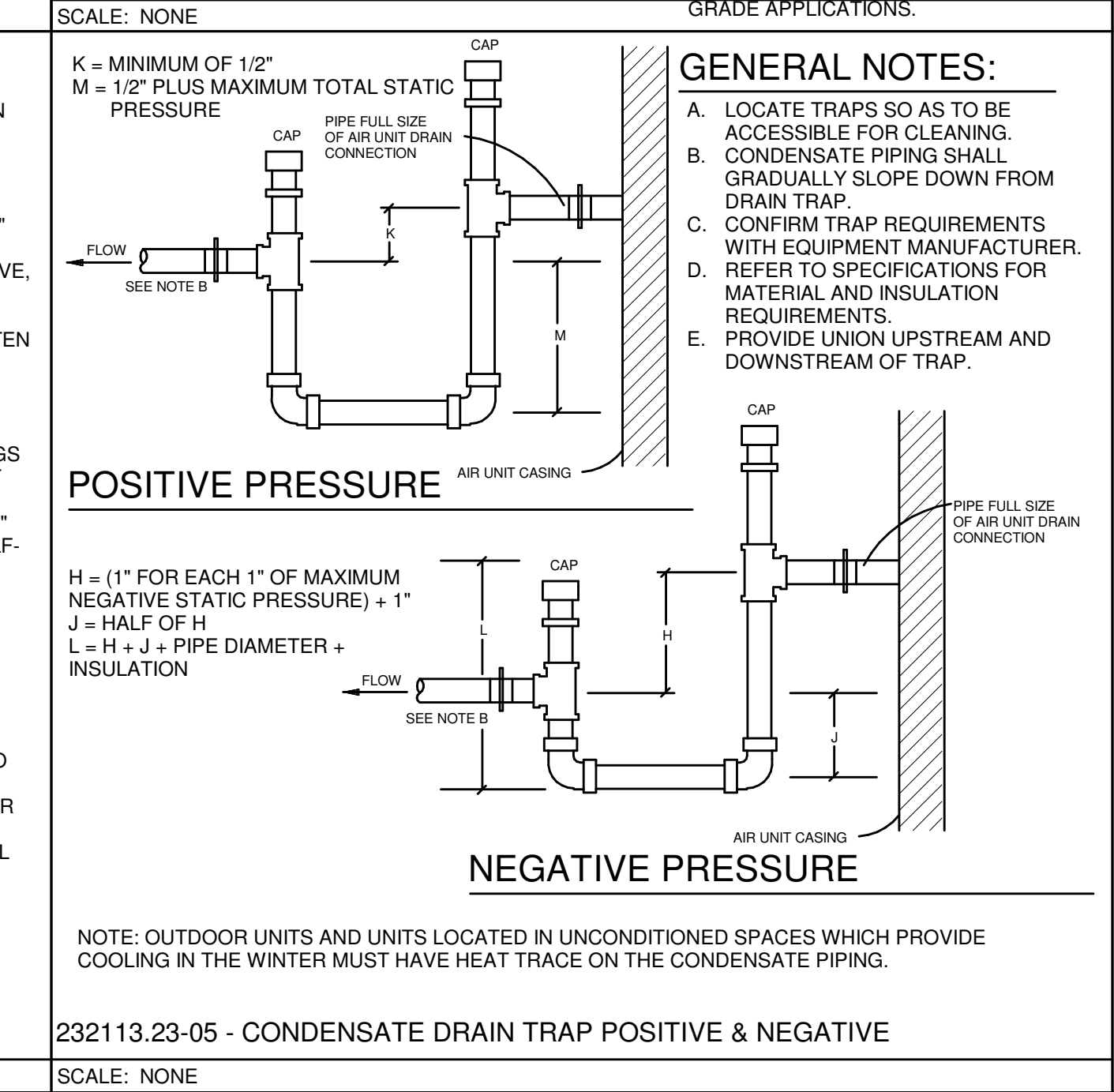
233713.00-11 - INTAKE LOUVER
SCALE: NONE



233713.00-07 - EXHAUST LOUVER DETAIL
SCALE: NONE



233313.00-12 - FIRE DAMPER TYPE A
SCALE: NONE



232113.23-05 - CONDENSATE DRAIN TRAP POSITIVE & NEGATIVE
SCALE: NONE



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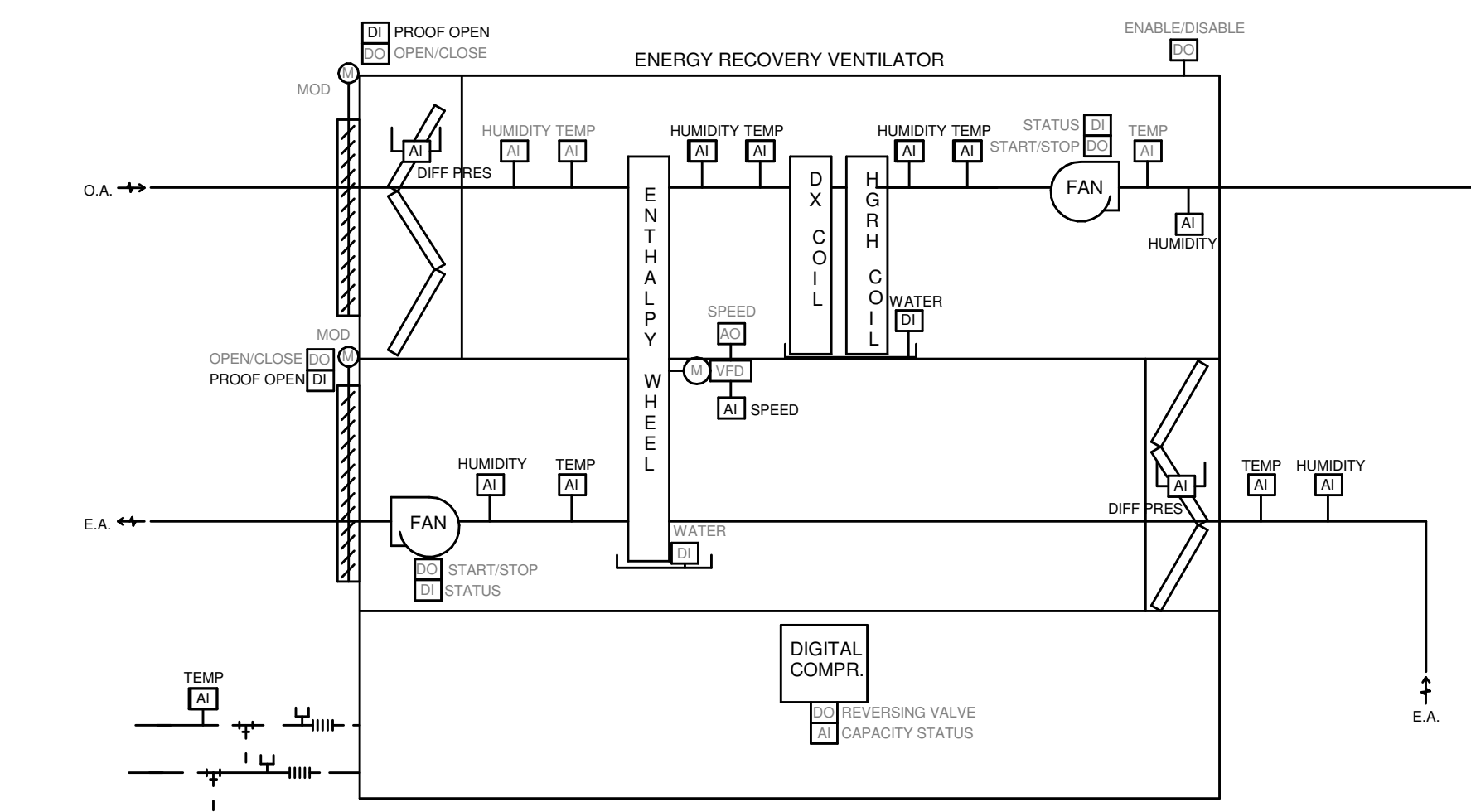
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ISSUE LOG:

MECHANICAL - SEQUENCES

M5.02
 KLH PROJECT # 24166.02

| List of Associated Equipment | Air Type / Path | Section Location | Control / Monitoring Point Name | Hardware Points | | | | | | Software Points | | | | Display Status | Setpoint Value | | Trending | | | | | | | | | | | | |
|---|---|------------------|---|-----------------------------------|----|----|----|----|----|-----------------|------------------|---------|----------------------|----------------|--------------------|--------------------|-----------------------|---------------------|-----------|---------|---------|----|---|--|----|----|----|----|----|
| | | | | AI | AO | DI | DO | AV | DV | Alarms | | General | Critical w/Man Reset | | Initial Setpoint 1 | Initial Setpoint 2 | Change of Value (COV) | Trend Loop Duration | | | | | | | | | | | |
| | | | | | | | | | | Low Limit Value | High Limit Value | | | | | | | | | | | | | | | | | | |
| ERV-1 | General | Outdoor Air | Enable / Disable | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Outdoor Air Intake Section | Outdoor Air Temperature | x | | | | | | | | | | | | | | 5 degrees | Weekly | | | | | | | | | |
| | | | Outdoor Air Humidity | x | | | | | | | | | | | | | | | 5% | Weekly | | | | | | | | | |
| | | | Outdoor Air Prefilter Differential Pressure | x | | | | | | | | | | | | | | | +1.0" wc | Monthly | | | | | | | | | |
| | | | Outdoor Air Damper Position (Open / Closed) | | | | | | | | | | | | | | | | x | Monthly | | | | | | | | | |
| | | | Outdoor Air Damper Position Status (Open Position) | | | | | | | | | | | | | | | | x | Monthly | | | | | | | | | |
| | | | Outdoor Air Damper Position Status (Closed Position) | | | | | | | | | | | | | | | | x | Monthly | | | | | | | | | |
| | | | Outdoor Air Damper Failure | | | | | | | | | | | | | | | | x | Monthly | | | | | | | | | |
| | | | Enthalpy Wheel Section | Enthalpy Wheel Motor Current (hz) | | | | | | | | | | | | | | | | 55 hz | Weekly | | | | | | | | |
| | | | Enthalpy Wheel Motor VFD Frequency (% max) | | | | | | | | | | | | | | | | | 20% | Weekly | | | | | | | | |
| | | | Enthalpy Wheel Motor Current Status (amperage) | | | | | | | | | | | | | | | | | 105% | Weekly | | | | | | | | |
| | | | Enthalpy Wheel Motor in Hand | | | | | | | | | | | | | | | | | x | Weekly | | | | | | | | |
| | | | Enthalpy Wheel Motor VFD Failure | | | | | | | | | | | | | | | | | x | Weekly | | | | | | | | |
| | | | Enthalpy Wheel Motor Runtime (hours) | | | | | | | | | | | | | | | | | x | Weekly | | | | | | | | |
| | | | Enthalpy Wheel Motor Runtime Exceeded | | | | | | | | | | | | | | | | | x | Weekly | | | | | | | | |
| | | | Enthalpy Wheel Bypass Damper Position (%Open) | | | | | | | | | | | | | | | | | x | Monthly | | | | | | | | |
| | | | Enthalpy Wheel Bypass Position Status (Open Position) | | | | | | | | | | | | | | | | | x | Monthly | | | | | | | | |
| | | | Enthalpy Wheel Bypass Position Status (Closed Position) | | | | | | | | | | | | | | | | | x | Monthly | | | | | | | | |
| | | | Enthalpy Wheel Bypass Damper Failure | | | | | | | | | | | | | | | | | x | Monthly | | | | | | | | |
| | | | Enthalpy Wheel Condensate Overflow | | | | | | | | | | | | | | | | | x | Weekly | | | | | | | | |
| Outdoor Air Temperature Downstream of Enthalpy Wheel | | | | | | | | | | | | | | | | | x | Weekly | | | | | | | | | | | |
| Outdoor Air Humidity Down stream of Enthalpy Wheel | | | | | | | | | | | | | | | | | x | Weekly | | | | | | | | | | | |
| Compressor / Condenser Section | Unit Cooling Capacity (0-100%) | | | | | | | | | | | | | | | | x | Weekly | | | | | | | | | | | |
| Cooling Runtime (hours) | | | | | | | | | | | | | | | | | x | Weekly | | | | | | | | | | | |
| Compressor #1 Suction Temperature | | | | | | | | | | | | | | | | | 28F | Weekly | | | | | | | | | | | |
| Compressor #1 Suction Pressure | | | | | | | | | | | | | | | | | x | Weekly | | | | | | | | | | | |
| Compressor #1 Discharge Pressure | | | | | | | | | | | | | | | | | x | Weekly | | | | | | | | | | | |
| Compressor Motor #1 On/Off Status | | | | | | | | | | | | | | | | | x | Weekly | | | | | | | | | | | |
| Compressor Motor #1 Speed (% Max.) | | | | | | | | | | | | | | | | | x | Weekly | | | | | | | | | | | |
| Compressor Motor #1 Runtime (Hours) | | | | | | | | | | | | | | | | | x | Weekly | | | | | | | | | | | |
| Compressor Motor #1 Runtime Exceeded | | | | | | | | | | | | | | | | | x | Weekly | | | | | | | | | | | |
| Compressor #2 Suction Temperature | | | | | | | | | | | | | | | | | 28F | Weekly | | | | | | | | | | | |
| Compressor #2 Suction Pressure | | | | | | | | | | | | | | | | | x | Weekly | | | | | | | | | | | |
| Compressor #2 Discharge Pressure | | | | | | | | | | | | | | | | | x | Weekly | | | | | | | | | | | |
| Compressor Motor #2 On/Off Status | | | | | | | | | | | | | | | | | x | Weekly | | | | | | | | | | | |
| Compressor Motor #2 Speed (% Max.) | | | | | | | | | | | | | | | | | x | Weekly | | | | | | | | | | | |
| Compressor Motor #2 Runtime (Hours) | | | | | | | | | | | | | | | | | x | Weekly | | | | | | | | | | | |
| Compressor Motor #2 Runtime Exceeded | | | | | | | | | | | | | | | | | x | Weekly | | | | | | | | | | | |
| Condenser Water Control Valve Position (Open/Close) | | | | | | | | | | | | | | | | | x | Weekly | | | | | | | | | | | |
| Condenser Water Control Valve Position Status (% Open) | | | | | | | | | | | | | | | | | x | Weekly | | | | | | | | | | | |
| Entering Condenser Water Temperature | | | | | | | | | | | | | | | | | 45F | Weekly | | | | | | | | | | | |
| Leaving Condenser Water Temperature | | | | | | | | | | | | | | | | | 45F | Weekly | | | | | | | | | | | |
| Reversing Valve Heating/Cooling Position | | | | | | | | | | | | | | | | | x | Weekly | | | | | | | | | | | |
| Cooling Condensate Overflow | | | | | | | | | | | | | | | | | x | Weekly | | | | | | | | | | | |
| Supply Air Temperature Downstream of Coil | | | | | | | | | | | | | | | | | 40F | Weekly | | | | | | | | | | | |
| Supply Air Humidity Downstream of Coil | | | | | | | | | | | | | | | | | 95F | Weekly | | | | | | | | | | | |
| Coil Section | Cooling Condensate Overflow | | | | | | | | | | | | | | | | x | Weekly | | | | | | | | | | | |
| Supply Air Temperature Downstream of Coil | | | | | | | | | | | | | | | | | 40F | Weekly | | | | | | | | | | | |
| Supply Air Humidity Downstream of Coil | | | | | | | | | | | | | | | | | 95F | Weekly | | | | | | | | | | | |
| Hot Gas Reheat Coil Section | Hot Gas Reheat Valve Reheat Position | | | | | | | | | | | | | | | | x | Weekly | | | | | | | | | | | |
| Reheat Supply Air Temperature Downstream of HGRH Coil | | | | | | | | | | | | | | | | | 40F | Weekly | | | | | | | | | | | |
| Reheat Supply Air Humidity Downstream of HGRH Coil | | | | | | | | | | | | | | | | | 95F | Weekly | | | | | | | | | | | |
| Fan Section | Outdoor Supply Fan Motor Current (hz) | | | | | | | | | | | | | | | | | 55 hz | Weekly | | | | | | | | | | |
| Outdoor Supply Fan Motor VFD Frequency (% max) | | | | | | | | | | | | | | | | | | 20% | Weekly | | | | | | | | | | |
| Outdoor Supply Fan Motor Current Status (amperage) | | | | | | | | | | | | | | | | | | 105% | Weekly | | | | | | | | | | |
| Outdoor Supply Fan Motor in Hand | | | | | | | | | | | | | | | | | | x | Weekly | | | | | | | | | | |
| Outdoor Supply Fan Motor VFD Failure | | | | | | | | | | | | | | | | | | x | Weekly | | | | | | | | | | |
| Outdoor Supply Fan Motor Runtime (hours) | | | | | | | | | | | | | | | | | | x | Weekly | | | | | | | | | | |
| Outdoor Supply Fan Motor Runtime Exceeded | | | | | | | | | | | | | | | | | | x | Weekly | | | | | | | | | | |
| Reheat Section | Reheat Control Valve Position (% Open) | | | | | | | | | | | | | | | | | x | Weekly | | | | | | | | | | |
| Reheat Control Valve Position Status (% Open) | | | | | | | | | | | | | | | | | | x | Weekly | | | | | | | | | | |
| Entering Hot Water Temperature | | | | | | | | | | | | | | | | | | 200F | Weekly | | | | | | | | | | |
| Leaving Hot Water Temperature | | | | | | | | | | | | | | | | | | 200F | Weekly | | | | | | | | | | |
| Reheat Supply Air Temperature Downstream of HW Coil | | | | | | | | | | | | | | | | | | 40F | Weekly | | | | | | | | | | |
| Reheat Supply Air Humidity Downstream of HW Coil | | | | | | | | | | | | | | | | | | 95F | Weekly | | | | | | | | | | |
| Discharge Air Section | Outdoor Supply Air Temperature | | | | | | | | | | | | | | | | | 45F | Weekly | | | | | | | | | | |
| Outdoor Supply Air Humidity %RH | | | | | | | | | | | | | | | | | | 80F | Weekly | | | | | | | | | | |
| Exhaust Air Intake Section | Exhaust Return Air Temperature | | | | | | | | | | | | | | | | | 45F | Weekly | | | | | | | | | | |
| Exhaust Return Air Humidity %RH | | | | | | | | | | | | | | | | | | 10% RH | Weekly | | | | | | | | | | |
| Exhaust Air Prefilter Differential Pressure | | | | | | | | | | | | | | | | | | 95% RH | Weekly | | | | | | | | | | |
| Enthalpy Wheel Section | Enthalpy Wheel Bypass Damper Position (%Open) | | | | | | | | | | | | | | | | | +1.0" wc | Monthly | | | | | | | | | | |
| Enthalpy Wheel Bypass Position Status (Open Position) | | | | | | | | | | | | | | | | | | x | Monthly | | | | | | | | | | |
| Enthalpy Wheel Bypass Position Status (Closed Position) | | | | | | | | | | | | | | | | | | x | Monthly | | | | | | | | | | |
| Enthalpy Wheel Bypass Damper Failure | | | | | | | | | | | | | | | | | | x | Monthly | | | | | | | | | | |
| Exhaust Air Temperature Downstream of Enthalpy Wheel | | | | | | | | | | | | | | | | | | x | Weekly | | | | | | | | | | |
| Exhaust Air Humidity Down stream of Enthalpy Wheel | | | | | | | | | | | | | | | | | | x | Weekly | | | | | | | | | | |
| Fan Section | Exhaust Fan Motor Current (hz) | | | | | | | | | | | | | | | | | 55 hz | Weekly | | | | | | | | | | |
| Exhaust Fan Motor VFD Frequency (% max) | | | | | | | | | | | | | | | | | | 20% | Weekly | | | | | | | | | | |
| Exhaust Fan Motor Current Status (amperage) | | | | | | | | | | | | | | | | | | 105% | Weekly | | | | | | | | | | |
| Exhaust Fan Motor in Hand | | | | | | | | | | | | | | | | | | x | Weekly | | | | | | | | | | |
| Exhaust Fan Motor VFD Failure | | | | | | | | | | | | | | | | | | x | Weekly | | | | | | | | | | |
| Exhaust Fan Motor Runtime (hours) | | | | | | | | | | | | | | | | | | x | Weekly | | | | | | | | | | |
| Exhaust Fan Motor Runtime Exceeded | | | | | | | | | | | | | | | | | | x | Weekly | | | | | | | | | | |
| Exhaust Air Temperature Downstream of Exhaust Fan | | | | | | | | | | | | | | | | | | 40F | Weekly | | | | | | | | | | |
| Exhaust Air Humidity Downstream of Exhaust Fan | | | | | | | | | | | | | | | | | | 95F | Weekly | | | | | | | | | | |
| Discharge Section | Exhaust Air Damper Position (Open / Closed) | | | | | | | | | | | | | | | | | x | Monthly | | | | | | | | | | |
| Exhaust Air Damper Position Status (Open Position) | | | | | | | | | | | | | | | | | | x | Monthly | | | | | | | | | | |
| Exhaust Air Damper Position Status (Closed Position) | | | | | | | | | | | | | | | | | | x | Monthly | | | | | | | | | | |
| Exhaust Air Damper Failure | | | | | | | | | | | | | | | | | | x | Monthly | | | | | | | | | | |
| Totals | | | | | | | | | | | | | | | | | | 51 | 7 | 18 | 2 | 12 | 8 | | 13 | 15 | 19 | 16 | 73 |
| Subtotals | | | | | | | | | | | | | | | | | | | 78 | | | | | | | 83 | | | 73 |
| Grand Totals | | | | | | | | | | | | | | | | | | | 78 | | | | | | 83 | | | 73 | |



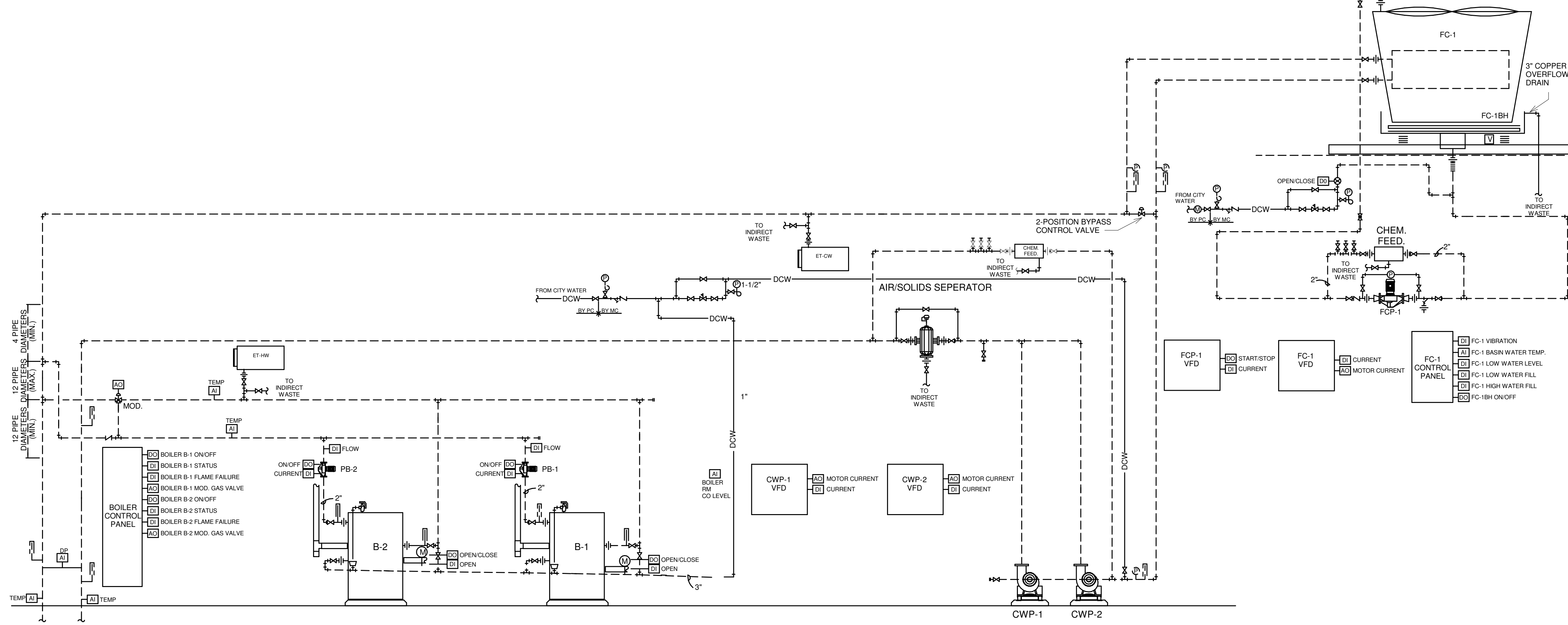
GENERAL NOTES:

- ALL ANALOG INPUTS (AI) SHALL BE CONFIGURED BY USER FOR HIGH AND LOW LIMITS.
- ALL DIGITAL OUTPUTS (DO) FOR ELECTRIC MOTOR LOADS SHALL INCORPORATE RUN TIME TOTALIZATION.
- GRAY SENSOR INDICATES DEVICE IS PROVIDED BY EQUIPMENT MANUFACTURER
- BLACK SENSOR INDICATES DEVICE IS PROVIDED BY TEMPERATURE CONTROL CONTRACTOR

SEQUENCE OF OPERATION

- 1.1 Water Source Energy Recovery Dedicated Ventilation Units
 - The energy recovery unit controllers are being provided with a BACnet or Lon open protocol controller. The BAS Contractor is to interface the data points from the energy recovery controller into the DDC system front-end. Refer to equipment spec for a listing of the data points required to be available from the energy recovery units' open-protocol controller. All listed data points are to be interfaced into the DDC system front-end.
 - The BAS system contractor is to coordinate with the energy recovery units' supplier for proper coordination and interfacing of all specified data points, including any and all incidental programming required for proper display/commanding of the data points specified in equipment spec as well as all additional data points listed in this section.
 - The BAS Contractor is to do a point-by-point verification of all read/write points between the energy recovery units and the DDC system. The point-by-point verification is to be done in conjunction with the energy recovery unit equipment supplier. The energy recovery unit equipment supplier is to provide a trained technician to work in conjunction with the BAS system contractor for the point-by-point verification. The data verification only needs to be done on one of each unique type of energy recovery system on the project. The BAS system contractor is to generate a point-by-point verification form for each unique energy recovery system and submit the form(s) to the Engineer for review before proceeding with DDC system interfacing of the balance of the energy recovery units.
2. Startup
 - Electric disconnect switch and circuit breaker shall be in the "ON" position so that line voltage power is available at the unit. The power switch of the integral controller should be in the "ON" position.
 - A "Hand-Off-Auto" switch at each of the supply and exhaust fan starters permit manual or automatic operation of each fan. In "Auto", the fan is started and stopped by the BAS. In "Hand", the fan is started regardless of the command from the BAS unless a system safety device is activated.
 - "Hand-Off-Auto" switch at the enthalpy wheel VFD shall permit manual or automatic operation of the wheel. In "Auto", the enthalpy wheel is started and stopped by the BAS. In "Hand", the enthalpy wheel is started regardless of the command from the BAS unless a system safety device is activated.
 - When the unit turns on, 24 VAC is supplied to the controller. The unit shall operate on an occupied/unoccupied cycle as controlled from the BAS. Occupancy shall be predetermined by and programmed into the FMS. The controller shall check the operating schedule and looks for failures. If no failures or faults are detected, after 90 seconds, the unit shall commence start-up.
 - If the outside air temperature is 50 degrees F or lower (adjustable), the BAS shall start the exhaust fan and energy recover wheel sequence. The BAS shall then start the supply fan sequence after a five minute time delay to precondition the energy recovery wheel.
 - If the outside air temperature is above 50 degrees F (adjustable), the BAS shall start the exhaust fan, energy recovery wheel and supply fan sequences simultaneously.
 - At shutdown the energy recovery unit shall be at fail safe position.
3. Supply Fan Control
 - The supply fan speed shall be constant and set to the required CFM and cycle with heating and cooling mode.
4. Space Temperature Control
 - BAS Contractor shall provide local wall mounted thermostat with display of room temperature and setpoint (+/- 3 deg. F, adjustable from setpoint determined by BAS) and local occupant override feature (3 hours, adjustable thru BAS). Water source heat pump heating and cooling shall be controlled to maintain space temperature setpoint.
5. Cooling Control
 - Cooling shall be controlled to maintain space temperature setpoint. On a call for cooling, the supply fan motor shall start. The 2-way condenser water control valve shall open, the reversing valve shall move to the cooling position and compressor(s) shall be staged on.
6. Heating Control
 - Heating shall be controlled to maintain space temperature setpoint. On a call for heating, the supply fan motor shall start, the 2-way condenser water control valve shall open, the reversing valve(s) shall move to the heating position and compressor(s) shall be staged on.
7. Restart
 - Provide automatic restart of system upon failure for 2 attempts (adjustable)
 - After 2 attempts, alarm system and require manual reset.
8. Condensate Overflow
 - Provide a high condensate sensor in the condensate pan. Upon detection of high condensate in the condensate pan, shut down water source heat pump and alarm the BAS.
9. Unoccupied Mode
 - During the unoccupied mode of operation, the heat pump shall go into night setback.
10. Night Setback/Shutdown
 - At night setback/shutdown the heat pump shall go to fail safe position. Fail safe position is defined by the following: The supply fan is off, the compressor(s) are off. The supply fan shall cycle in conjunction with either the heating or cooling system to maintain a minimum/maximum space temperature depending on the season.
11. High Limit Control
 - Provide a high limit whenever the supply air temperature exceeds high limit that will alarm the system and shut down the ERV.
12. Emergency Shutdown
 - When the fire alarm system is alarmed, the energy recovery unit shall fail safe with manual reset. Electrical contractor shall provide hard wire interlock to energy recovery unit and fire alarm system.
13. Unoccupied / Shut Down
 - At shutdown the energy recovery unit shall go to fail safe position. Fail safe position is defined by the following: The supply and exhaust fans are off, energy wheel is off, the outside air and exhaust dampers are closed, the hot gas reheat valve is closed and the compressors are off.
14. Enthalpy Wheel Frost Control
 - To prevent frost or ice accumulation on the enthalpy wheel, the wheel shall periodically rotate to allow the exhaust air to warm the wheel. Wheel frost control shall occur when outside air temperatures are below 40 degrees F and the wheel is not rotating during normal operation or during building unoccupied times.

23T-044 - WATER SOURCE ENERGY RECOVERY DEDICATED VENTILATION UNIT - ENTHALPY WHEEL



1 HYDRONIC PIPING RISER DIAGRAM
SCALE: NONE

GENERAL NOTES:

- ALL ANALOG INPUTS (AI) SHALL BE CONFIGURED BY USER FOR HIGH AND LOW LIMITS.
- ALL DIGITAL OUTPUTS (DO) FOR ELECTRIC MOTOR LOADS SHALL INCORPORATE RUN TIME TOTALIZATION.

KEYED MECHANICAL NOTES

- PROVIDE SPLASH BLOCK.
- SEQUENCE OF OPERATION
 - Pumps
 - Condenser Water - Closed Cell Cooling Tower Loop Pumps CTP-1
 - The fluid cooler pump shall be enabled via the DDC system when the CWR temperature reaches 85 degrees F (adjustable) or higher and run continuously at constant speed. The fluid cooler pump shall be disabled via the DDC system when the CWR temperature reaches 75 degrees F (adjustable) or lower.
 - Water Source Heat Pump - Loop Pumps CWP-1 and CWP-2
 - The lead condenser water pump shall be enabled via the DDC system and run continuously at variable speed. Provide a pressure differential pressure transducer in the piping system, located in the condenser water supply and return piping riser before the first branch piping takeoff to the first water source heat pump, that will modulate the VFD of the lead loop pump to maintain constant differential pressure setpoint.
 - The DDC controller shall alarm the system and automatically activate the stand-by pump when the lead pump fails after a 30 second time delay. Provide current sensors with a time delay function that, if flow is interrupted for more than thirty seconds, shall de-energize the lead pump and energize the stand-by pump. Provide leadlag capability with BAS software to alternate the pump sequence based on pump run time (adjustable).
 - HVAC Plant
 - Fluid Cooler Control - Water Source Heat Pump System
 - The fluid cooler system consists of single cell cooling tower with variable frequency fan motor drive, fluid cooler loop pump and basin heater.
 - Cooling Mode:
 - Stage 1 Cooling: When the fluid cooler loop is enabled, the lead condenser water pump shall start and provide condenser water flow through the fluid cooler.
 - Stage 2 Cooling: As the condenser water return temperature increases to 85 degrees F (adjustable) and the HPWR temperature increases to 100 degrees F (adjustable), the cooling tower fan motor shall be energized at low speed and modulate to maintain condenser water return temperature of 85 degrees F (adjustable).
 - As the condenser water return and heat pump water return temperature decreases, the cooling tower fan motor and VFD shall modulate off. As the condenser water return temperature continues to decrease to 85 degrees F (adjustable) and the heat pump return temperature decreases to 90 degrees F (adjustable), the condenser water loop pump shall de-energize.
 - Makeup Water Control: Provide DDC solenoid valve. Upon detection of nominal low basin water level and the condenser water loop is enabled, solenoid valve shall open and fill the cooling tower basin. Upon detection of nominal high basin water level, solenoid valve shall close.
 - Low/High Basin Water Levels: Provide DDC low water level sensors in the cooling tower basin. Alarm BAS upon detection of low or high basin water levels.
 - Cooling tower vibration: The cooling tower manufacturer shall provide a DDC cooling tower vibration sensor. Upon detection of excessive cooling tower operation vibration, the vibration sensor shall alarm the BAS and shutdown the cooling tower fan motor. Provide fan motor manual reset.
 - Low/High Basin Water Levels: Provide DDC low water level sensors in the cooling tower basin. Alarm BAS upon detection of low or high basin water levels.
 - Cooling Tower Electric Basin Heater(s): Provide a DDC basin water temperature sensor. Upon detection of low basin water temperature (40 degrees F (adjustable)), energize the cooling tower basin heater(s). Basin heater(s) shall energize only if low basin water level sensor has not alarmed the BAS. De-energize the basin heater(s) when basin water temperature can be maintained above setpoint for 10 minutes (adjustable).
 - Control and monitoring points shall include but not be limited to the following:
 - Condenser water return temperature (AI)
 - CT-1 fan motor current (AI)
 - CT-1 fan motor current (DI)
 - CT-1 nominal low basin water fill (DI)
 - CT-1 nominal high basin water level (DI)
 - CT-1 makeup water solenoid valve open/close (DO)
 - CT-1 vibration (DI)
 - CT-1 low basin water level (DI)
 - CT-1 high basin water level (DI)
 - CT-1 basin water temperature (AI)
 - CT-1BH basin heater on/off (DO)

23T-050 - WSHP - FLUID COOLER, BOILERS, HEX

SCALE: NONE

- Boiler Control - Water Source Heat Pump System
 - The boilers will be fired to maintain the hot water supply temperature. A hot water supply temperature sensor shall fire the boilers through a controller. The BAS Contractor shall provide a control isolation valve in the supply piping for each boiler.
 - Provide modulating 3-way control valve between primary and secondary pumping systems. Valve shall modulate to maintain HPWS system water temperature.
 - Multiple Boilers: Boiler manufacturer shall provide staging and leadlag control of boilers based on boiler run time.
 - The boiler loop shall be enabled via the DDC system when the HPWR temperature reaches 65 degrees F (adjustable) or lower. When the boiler loop is enabled, the lead boiler's hot water pump shall energize and be proven on via current sensor. Water flow through the lead boiler shall be proven via water flow switch. The lead boiler's combustion damper shall open and be proven open via damper actuator end switch. Boiler Room CO levels shall be below 100 ppm. The two position, three way heat exchanger bypass valve shall be closed to the heat exchanger and proven close via bypass valve actuator end switch.
 - When the boiler system is enabled and all safeties are satisfied, commence stage 1 heating.
 - Stage 1 heating: The lead boiler shall fire and modulate to maximum to maintain hot water supply temperature (180 degrees F, adjustable) prior to second boiler staging on.
 - Stage 2 heating: The second boiler shall be staged on when the lead boiler cannot maintain hot water supply temperature setpoint of 180 degrees F (adjustable) over a 10 minute (adjustable) period. The second boiler's hot water pump shall energize and be proven on via current sensor. Water flow through the second boiler shall be proven via water flow switch. The second boiler's combustion air damper shall open and be proven open via damper actuator end switch. Boiler Room CO levels shall be below 100 ppm.
 - Supply water temperature sensor shall be located downstream of all header connections of boilers near 3-way mixing valve.
 - The second boiler shall modulate down and then stage off when the hot water supply temperature setpoint (180 degrees F adjustable) can be met with one boiler, firing at maximum fire, over a 20 minute (adjustable) period.
 - The 3-way modulating hot water control valve shall modulate to maintain HPWS temperature 55 degrees F (adjustable) or higher. When the boiler loop is disabled, all boilers and boiler pumps shall de-energized. All boiler combustion air dampers shall close. The two position, HPHEV shall be open to the heat exchanger allowing condenser water to flow through the heat exchanger.
 - The 3-way modulating hot water control valve shall modulate to maintain HPWS temperature 55 degrees F (adjustable) during heating mode).
 - Hot Water Return Temperature - Provide a temperature sensor in the hot water return piping main. When HWR temperature reaches 135 degrees F (adjustable) or lower, modulate the hot water bypass valve to the recirculating position until HWR temperature raises to 140 degrees F (adjustable).
 - Temperature Control Contractor shall provide hard wire interlocks to the boiler control panel for the following:
 - "Remote Enable/Disable" for burner "Enable/Disable" control. When the remote signal closes for "Enable" the burner shall operate via its integral capacity controls to operate the burner. When the remote signal opens for "Disable" the burner shall commence an orderly shutdown.
 - "Call for Heat" signal to be used to activate the boiler's combustion air source. The "Call for Heat" signal shall come from a normally-open, non-powered contact in the boiler control panel.
 - "Combustion Air Proof" input signal to be used to allow sequenced firing of the burner to occur once combustion air availability is proven. Where combustion air dampers are specified.
 - ModBus Interface
 - BAS Contractor shall provide modbus interface for communication with boiler modbus points and DDC controls for new boilers.
 - Control and monitoring points shall include but not be limited to the following:
 - Boiler B-1 on/off (DO)
 - Boiler B-1 status (DI)
 - Boiler B-1 flame failure from boiler controls (DI)
 - Boiler B-1 modulating natural gas valve (AO)
 - Boiler B-1 water flow (DI)
 - Boiler B-1 Combustion air damper open/close (DO)
 - Boiler B-1 Combustion air damper open position (DI)
 - Pump PB-1 on/off (DO)
 - Pump PB-1 current (DI)
 - Boiler B-2 on/off (DO)
 - Boiler B-2 status (DI)
 - Boiler B-2 flame failure from boiler controls (DI)
 - Boiler B-2 modulating natural gas valve (AO)
 - Boiler B-2 water flow (AI)
 - Boiler B-2 Combustion air damper open/close (DO)
 - Pump PB-2 on/off (DO)
 - Pump PB-2 current (DI)
 - Hot Water modulating 3-Way Valve open/close (AO)
 - Hot water return temperature (AI)
 - Hot water supply temperature (AI)
 - HPWS temperature (AI)
 - HPWR temperature (AI)
 - HPHEV open/close (DO)
 - HPHEV open (DI)
 - Carbon monoxide sensor (AI)
 - Boiler Room Carbon Monoxide Sensor
 - Provide wall mounted carbon monoxide sensor in Boiler Room. Upon detection of carbon monoxide (100 ppm or greater, adjustable), boilers shall de-energize in an safe and orderly manner and BAS shall be alarmed. Provide manual boiler reset.

| List of Associated Equipment | Control / Monitoring Point Name | Harware Points | | | | | Software Points | | | | Display Status | Setpoint Value | | Trending | | | | | | | | |
|------------------------------|-------------------------------------|-----------------|------------------|----------|----------|----------|-----------------|----------|----------------------|--------------------|----------------|--------------------|-----------------------|---------------------|-----------|--------|--------|--------|--------|--------|---|--|
| | | AI | AO | DI | DO | AV | Alarms | | Critical w/Man Reset | Initial Setpoint 1 | | Initial Setpoint 2 | Change of Value (COV) | Trend Loop Duration | | | | | | | | |
| | | Low Limit Value | High Limit Value | General | General | | | | | | | | | | | | | | | | | |
| FC-1 | Outdoor Air Temperature | x | | | | | | | | | | | | | 5 degrees | Weekly | | | | | | |
| | Outdoor Air Humidity | x | | | | | | | | | | | | | 5% | Weekly | | | | | | |
| | Fan Motor VFD Frequency (hz) | | x | | | x | | | | | | | | | 5 hz | Weekly | | | | | | |
| | Fan Motor VFD Frequency (% max.) | | x | | | | | | | | | | | | 5% | Weekly | | | | | | |
| | Fan Motor Current Status (amperage) | | x | | | | | | | | | | | | 5% | Weekly | | | | | | |
| | Fan Motor in Hand | | | | | x | | | | | | | | | | | | | | | | |
| | Fan Motor VFD Failure | | | | | | | | | x | | | | | | | | | | | | |
| | Fan Motor Runtime (hours) | | x | | | | | | | | | | | | | | | | | | | |
| | Fan Motor Runtime Exceeded | | | | | | | | | x | | | | | | | | | | | | |
| | Fluid Cooler Damper Open/Close | | | | x | | | | | | | | | | | x | Weekly | | | | | |
| | Fluid Cooler Damper Closed Position | | | | x | | | | | | | | | | | | | | | | | |
| | Fluid Cooler Damper Open Position | | | | x | | | | | | | | | | | | | | | | | |
| | Fluid Cooler Damper Failure | | | | | | | | | x | | | | | | | | | | | | |
| | Condenser Water Supply Temperature | | x | | | | 50F | 100F | | | x | | | | 2 degrees | Weekly | | | | | | |
| | Condenser Water Return Temperature | | x | | | | 40F | 110F | | | x | | | | 2 degrees | Weekly | | | | | | |
| | Condenser Water Flow | | x | | | | | | | | x | | | | | | | | | | | |
| | Basin Heater On/Off | | | | x | x | | 35F | 100F | | | x | | | | | x | Weekly | | | | |
| | Basin Water Temperature | | | | | | | | | x | | | | | | | | | | | | |
| | Basin Water Fill | | | | x | | | | | | x | | | | | | | | | | | |
| | Make Up Water Solenoid Open/Close | | | | x | | | | | | | | | | | | | x | Weekly | | | |
| | Circulation Pump Motor Start/Stop | | | | x | | | | | | | | | | | | | | x | Weekly | | |
| | Heat Trace Enable/Disable | | | | x | | | | | | | | | | | | | | x | Weekly | | |
| | Heat Trace On/Off Status | | | | x | | | | | | | | | | | | | | x | Weekly | | |
| | Basin Water High Water Level Alarm | | | | x | | | | | | | | | | | | | | | x | | |
| | Basin Water Low Level Alarm | | | | x | | | | | | | | | | | | | | | | x | |
| | Vibration Alarm | | | | x | | | | | | | | | | | | | | | | x | |
| | Totals | 9 | 1 | 8 | 5 | 2 | 1 | 3 | 3 | 11 | 0 | 16 | | | | | | | | | | |
| | Subtotals | 23 | | | | | | | | | | | | | | | | | | | | |
| | Grand Totals | 23 | | | | | | | | | | | | | | | | | | | | |

| List of Associated Equipment | Control / Monitoring Point Name | Harware Points | | | | | Software Points | | | | Display Status | Setpoint Value | | Trending | | | | | | | | | | | |
|------------------------------|--|-----------------|------------------|-----------|----------|----------|-----------------|----------|----------------------|--------------------|----------------|--------------------|-----------------------|---------------------|-------------|--|--|--|--|--|-----------|--------|-----------|--------|--------|
| | | AI | AO | DI | DO | AV | Alarms | | Critical w/Man Reset | Initial Setpoint 1 | | Initial Setpoint 2 | Change of Value (COV) | Trend Loop Duration | | | | | | | | | | | |
| | | Low Limit Value | High Limit Value | General | General | | | | | | | | | | | | | | | | | | | | |
| B-1 | Boiler Enable / Disable | | | | | x | | | | | | | | | | | | | | | | | | | |
| B-2 | Outdoor Air Temperature | x | | | | | | | | | | | | | | | | | | | 5 degrees | Weekly | | | |
| | Hot Water Return Water Temperature | | x | | | | x | | | | | | | | | | | | | | 5 degrees | Weekly | | | |
| | Hot Water Supply Water Temperature | | x | | | | x | | | | | | | | | | | | | | 5 degrees | Weekly | | | |
| | Hot Water Control Valve Open/Closed | | | | x | | | | | | | | | | | | | | | | | | | | |
| | Hot Water Control Valve Open Position | | | | x | | | | | | | | | | | | | | | | | | | | |
| | Hot Water Control Valve Closed Position | | | | x | | | | | | | | | | | | | | | | | | | | |
| | Boiler Flame (% Maximum) | | x | | | | | | | | | | | | | | | | | | | 5% | Weekly | | |
| | Boiler Flame Failure | | | | | | | | | | | | | | | | | | | | | | | | |
| | Boiler Combustion Air Damper Open/Closed | | | | x | | | | | | | | | | | | | | | | | | x | Weekly | |
| | Boiler Combustion Air Damper Closed Position | | | | x | | | | | | | | | | | | | | | | | | x | Weekly | |
| | Boiler Combustion Air Damper Open Position | | | | x | | | | | | | | | | | | | | | | | | x | Weekly | |
| | Boiler Flue Damper Open/Closed | | | | x | | | | | | | | | | | | | | | | | | x | Weekly | |
| | Boiler Flue Damper Closed Position | | | | x | | | | | | | | | | | | | | | | | | x | Weekly | |
| | Boiler Flue Damper Open Position | | | | x | | | | | | | | | | | | | | | | | | x | Weekly | |
| | Hot Water Flow | | | | x | | | | | | | | | | | | | | | | | | x | Weekly | |
| | Boiler General Alarm | | | | | | | | | | | | | | | | | | | | | | x | Weekly | |
| | Boiler Room Carbon Monoxide Level (ppm) | | x | | | | | 40 ppm | 90F | | | x | | 20 ppm | | | | | | | | | 1 ppm | Weekly | |
| | Space Temperature | | x | | | | | 40F | 90F | | | x | | 80F Cooling | 60F Heating | | | | | | | | 2 degrees | Weekly | |
| | Boiler Room Exhaust Fan Motor Start/Stop | | | | x | | | | | | | | | | | | | | | | | | | x | Weekly |
| | Boiler Room Exhaust Air Damper Open/Closed | | | | x | | | | | | | | | | | | | | | | | | | x | Weekly |
| | Boiler Room Exhaust Air Damper Closed Position | | | | x | | | | | | | | | | | | | | | | | | | x | Weekly |
| | Boiler Room Exhaust Air Damper Open Position | | | | x | | | | | | | | | | | | | | | | | | | x | Weekly |
| | Boiler Room Intake Air Damper Open/Closed | | | | x | | | | | | | | | | | | | | | | | | | x | Weekly |
| | Boiler Room Intake Air Damper Closed Position | | | | x | | | | | | | | | | | | | | | | | | | x | Weekly |
| | Boiler Room Intake Air Damper Open Position | | | | x | | | | | | | | | | | | | | | | | | | x | Weekly |
| | Totals | 6 | 0 | 12 | 5 | 3 | 1 | 1 | 2 | 3 | 1 | 22 | | | | | | | | | | | | | |
| | Subtotals | 23 | | | | | | | | | | | | | | | | | | | | | | | |
| | Grand Totals | 46 | | | | | | | | | | | | | | | | | | | | | | | |



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M5.03
 KLH PROJECT # 24166.02

HVAC WATER SOURCE HEAT PUMPS SCHEDULE - SHELL 2ND

Equipment shall be braced and labeled by the equipment manufacturer to withstand the minimum scheduled available fault current value for listed equipment.

| EQUIPMENT MARK | DESCRIPTION | MANUFACTURER | MODEL | VOLTS | PHASE | CFM (cfm) | ESP (in WC) | NOMINAL TONS | MIN COP (COP) | ECWHT CLG (Deg F) | LCWHT CLG (Deg F) | ECWHT HTG (Deg F) | LCWHT HTG (Deg F) | COND GPM (gpm) | MIN EER (EER) | MAT CLG DB (Deg F) | MAT CLG WB (Deg F) | CLG MBH (mbh) | CLG SENS (mbh) | LAT CLG DB (Deg F) | LAT CLG WB (Deg F) | HTG MBH (mbh) | LAT HTG (Deg F) | FLA (amps) | MCA (amps) | OCF (amps) | AVAILABLE FAULT CURRENT |
|----------------|---|---------------|--------|-------|-------|-----------|-------------|--------------|---------------|-------------------|-------------------|-------------------|-------------------|----------------|---------------|--------------------|--------------------|---------------|----------------|--------------------|--------------------|---------------|-----------------|------------|------------|------------|-------------------------|
| WSHP-2.1 | CONCEALED HORIZONTAL WATER SOURCE HEAT PUMP | WATER FURNACE | UBH048 | 208 | 3 | 1635 | 0.5 | 4 | 4.9 | 85 | 97 | 65 | 53 | 9 | 13.0 | 76 | 65 | 46 | 33 | 55 | 54 | 58 | 87 | 21.3 | 24.7 | 35 | |
| WSHP-2.2 | CONCEALED HORIZONTAL WATER SOURCE HEAT PUMP | WATER FURNACE | UBH048 | 208 | 3 | 1635 | 0.5 | 4 | 4.9 | 85 | 97 | 65 | 53 | 9 | 13.0 | 76 | 65 | 46 | 33 | 55 | 54 | 58 | 87 | 21.3 | 24.7 | 35 | |
| WSHP-2.3 | CONCEALED HORIZONTAL WATER SOURCE HEAT PUMP | WATER FURNACE | UBH048 | 208 | 3 | 1635 | 0.5 | 4 | 4.9 | 85 | 97 | 65 | 53 | 9 | 13.0 | 76 | 65 | 46 | 33 | 55 | 54 | 58 | 87 | 21.3 | 24.7 | 35 | |
| WSHP-2.4 | CONCEALED HORIZONTAL WATER SOURCE HEAT PUMP | WATER FURNACE | UBH048 | 208 | 3 | 1635 | 0.5 | 4 | 4.9 | 85 | 97 | 65 | 53 | 9 | 13.0 | 76 | 65 | 46 | 33 | 55 | 54 | 58 | 87 | 21.3 | 24.7 | 35 | |
| WSHP-2.5 | CONCEALED HORIZONTAL WATER SOURCE HEAT PUMP | WATER FURNACE | UBH048 | 208 | 3 | 1635 | 0.5 | 4 | 4.9 | 85 | 97 | 65 | 53 | 9 | 13.0 | 76 | 65 | 46 | 33 | 55 | 54 | 58 | 87 | 21.3 | 24.7 | 35 | |
| WSHP-13 | CONCEALED HORIZONTAL WATER SOURCE HEAT PUMP | WATER FURNACE | UBH048 | 208 | 3 | 1635 | 0.5 | 4 | 4.9 | 85 | 97 | 65 | 53 | 9 | 13.0 | 76 | 65 | 46 | 33 | 55 | 54 | 58 | 87 | 21.3 | 24.7 | 35 | |

HVAC BOILERS SCHEDULE

Equipment shall be braced and labeled by the equipment manufacturer to withstand the minimum scheduled available fault current value for listed equipment.

| EQUIPMENT MARK | DESCRIPTION | LOCATION | STATUS | WEIGHT (lbs) | MANUFACTURER | MODEL | EMERGENCY | VOLTS | PHASE | HTG MBH (mbh) | HW EWT (Deg F) | HW LWY (Deg F) | HTG GPM (gpm) | MIN HTG AFUE | GAS HTG IN (mbh) | GAS HTG OUT (mbh) | MAX GAS PRESSURE (in WC) | MIN GAS PRESSURE (in WC) | FLA (amps) | MCA (amps) | OCF (amps) | SHEET NUMBER |
|----------------|-------------------|-----------|--------|--------------|--------------|----------|-----------|-------|-------|---------------|----------------|----------------|---------------|--------------|------------------|-------------------|--------------------------|--------------------------|------------|------------|------------|--------------|
| B-1 | CONDENSING BOILER | MECH 1301 | | 2150 | CAMUS | ARN-2500 | | 208 | 3 | 2355 | 120 | 140 | 250 | | 2500 | 2355 | 14 | 4 | 12 | 20 | 20 | M3.13 |
| B-2 | CONDENSING BOILER | MECH 1301 | | 2150 | CAMUS | ARN-2500 | | 208 | 3 | 2355 | 120 | 140 | 250 | 94.2 | 2500 | 2355 | 14 | 4 | 12 | 20 | 20 | M3.13 |

HVAC COOLING TOWERS SCHEDULE

Equipment shall be braced and labeled by the equipment manufacturer to withstand the minimum scheduled available fault current value for listed equipment.

| EQUIPMENT MARK | DESCRIPTION | WEIGHT (lbs) | MANUFACTURER | MODEL | VOLTS | PHASE | HEAD (ft) | FAN BHP (hp) | FAN HP (hp) | NOMINAL TONS | ECWHT CLG (Deg F) | LCWHT CLG (Deg F) | COND GPM (gpm) | MAT CLG DB (Deg F) | MAT CLG WB (Deg F) | CLG MBH (mbh) | HTG KW (kW) | FLA (amps) | MCA (amps) | OCF (amps) | AVAILABLE FAULT CURRENT | SHEET NUMBER |
|----------------|---|--------------|--------------|----------------|-------|-------|-----------|--------------|-------------|--------------|-------------------|-------------------|----------------|--------------------|--------------------|---------------|-------------|------------|------------|------------|-------------------------|--------------|
| FC-1 | CLOSED CIRCUIT COOLING TOWER (FLUID COOLER) | 18294 | MARLEY | MHFT10R18LDA03 | 208 | 3 | 23.531 | 23.38 | 25 | 175 | 85 | 95 | 422 | 93 | 78 | 2100 | 7.5 | | | | | M3.14 |

HVAC HYDRONIC PUMPS SCHEDULE

Equipment shall be braced and labeled by the equipment manufacturer to withstand the minimum scheduled available fault current value for listed equipment.

| EQUIPMENT MARK | DESCRIPTION | LOCATION | WEIGHT (lbs) | MANUFACTURER | MODEL | VOLTS | PHASE | HEAD (ft) | FLOW (gpm) | PUMP (rpm) | BHP (hp) | HP (hp) | SHEET NUMBER |
|----------------|--|----------------------|--------------|--------------|-------|-------|-------|-----------|------------|------------|----------|---------|--------------|
| CWP-1 | CLOSE COUPLED END SUCTION CENTRIFUGAL PUMP | MECH 1301 | 544 | ARMSTRONG | 4030 | 208 | 3 | 70 | 500 | 1800 | 10.65 | 15 | M3.13 |
| CWP-2 | CLOSE COUPLED END SUCTION CENTRIFUGAL PUMP | MECH 1301 | 544 | ARMSTRONG | 4030 | 208 | 3 | 70 | 500 | 1800 | 10.65 | 15 | M3.13 |
| HW-1 | CLOSED COUPLED INLINE CENTRIFUGAL PUMP | MECHANICAL PENTHOUSE | 279 | ARMSTRONG | 4380 | 208 | 3 | 25 | 250 | 1800 | 2.08 | 3 | M3.13 |
| HW-2 | CLOSED COUPLED INLINE CENTRIFUGAL PUMP | MECHANICAL PENTHOUSE | 279 | ARMSTRONG | 4380 | 208 | 3 | 25 | 250 | 1800 | 2.08 | 3 | M3.13 |

HVAC DIFFUSERS AND REGISTERS SCHEDULE

| TAG | MANUFACTURER | MODEL | Size | CEILING | MOUNTING | MATERIAL | FINISH | DAMPER TYPE | BORDER STYLE |
|------|---------------|--------|---------|----------|----------|----------------|---------------|---------------|--------------|
| ER-1 | HART & COOLEY | A610CP | 4"x16" | CEILING | ALUMINUM | STANDARD WHITE | OPPOSED BLADE | SURFACE MOUNT | |
| ER-2 | HART & COOLEY | 94 | 4"x16" | CEILING | STEEL | STANDARD WHITE | OPPOSED BLADE | SURFACE MOUNT | |
| RR-1 | HART & COOLEY | 659 | 15"x16" | CEILING | STEEL | STANDARD WHITE | OPPOSED BLADE | SURFACE MOUNT | |
| RR-2 | HART & COOLEY | 659 | 9"x8" | SIDEWALL | STEEL | STANDARD WHITE | OPPOSED BLADE | SURFACE MOUNT | |
| RR-3 | HART & COOLEY | 94 | 15"x12" | SIDEWALL | STEEL | STANDARD WHITE | OPPOSED BLADE | SURFACE MOUNT | |
| RR-4 | HART & COOLEY | 659 | 15"x30" | CEILING | STEEL | STANDARD WHITE | OPPOSED BLADE | SURFACE MOUNT | |
| RR-5 | HART & COOLEY | 659 | 20"x20" | CEILING | STEEL | STANDARD WHITE | OPPOSED BLADE | SURFACE MOUNT | |
| SR-1 | HART & COOLEY | A8180B | 12"x8" | SIDEWALL | ALUMINUM | STANDARD WHITE | OPPOSED BLADE | SURFACE MOUNT | |
| SR-2 | HART & COOLEY | A8180B | 12"x8" | SIDEWALL | ALUMINUM | STANDARD WHITE | OPPOSED BLADE | SURFACE MOUNT | |
| SR-3 | HART & COOLEY | BRHW | 14"x12" | SIDEWALL | STEEL | STANDARD WHITE | OPPOSED BLADE | SURFACE MOUNT | |
| SR-4 | HART & COOLEY | BRHW | 10"x7" | SIDEWALL | STEEL | STANDARD WHITE | OPPOSED BLADE | SURFACE MOUNT | |
| TG-1 | HART & COOLEY | 659 | 12"x20" | SIDEWALL | STEEL | STANDARD WHITE | OPPOSED BLADE | SURFACE MOUNT | |

HVAC WATER SOURCE HEAT PUMPS SCHEDULE - TYPICAL FLOOR

Equipment shall be braced and labeled by the equipment manufacturer to withstand the minimum scheduled available fault current value for listed equipment.

| EQUIPMENT MARK | DESCRIPTION | MANUFACTURER | MODEL | VOLTS | PHASE | CFM (cfm) | ESP (in WC) | NOMINAL TONS | MIN COP (COP) | ECWHT CLG (Deg F) | LCWHT CLG (Deg F) | ECWHT HTG (Deg F) | LCWHT HTG (Deg F) | COND GPM (gpm) | MIN EER (EER) | MAT CLG DB (Deg F) | MAT CLG WB (Deg F) | CLG MBH (mbh) | CLG SENS (mbh) | LAT CLG DB (Deg F) | LAT CLG WB (Deg F) | HTG MBH (mbh) | LAT HTG (Deg F) | FLA (amps) | MCA (amps) | OCF (amps) |
|----------------|---|---------------|--------|-------|-------|-----------|-------------|--------------|---------------|-------------------|-------------------|-------------------|-------------------|----------------|---------------|--------------------|--------------------|---------------|----------------|--------------------|--------------------|---------------|-----------------|------------|------------|------------|
| WSHP-C | CONCEALED HORIZONTAL WATER SOURCE HEAT PUMP | WATER FURNACE | UBH024 | 208 | 1 | 740 | 0.5 | 2 | 4.8 | 85 | 97 | 65 | 53 | 4 | 12.5 | 76 | 65 | 15 | 15 | 55 | 54 | 10 | 87 | 17.6 | 21 | 30 |
| WSHP-X01 | CONCEALED HORIZONTAL WATER SOURCE HEAT PUMP | WATER FURNACE | UBH024 | 208 | 1 | 840 | 0.5 | 2.5 | 4.7 | 85 | 97 | 65 | 53 | 4 | 12.9 | 76 | 65 | 18 | 17 | 55 | 54 | 20 | 87 | 17.6 | 21 | 30 |
| WSHP-X02 | CONCEALED HORIZONTAL WATER SOURCE HEAT PUMP | WATER FURNACE | UBH030 | 208 | 1 | 1010 | 0.5 | 2.5 | 5 | 85 | 97 | 65 | 53 | 3 | 14.5 | 76 | 65 | 21 | 21 | 55 | 54 | 14 | 87 | 18.2 | 21.70 | 35 |
| WSHP-X03 | CONCEALED HORIZONTAL WATER SOURCE HEAT PUMP | WATER FURNACE | UBH015 | 208 | 1 | 500 | 0.5 | 1.25 | 4.5 | 85 | 97 | 65 | 53 | 6 | 11.4 | 76 | 65 | 11 | 11 | 55 | 54 | 7 | 87 | 10 | 11.5 | 15 |
| WSHP-X04 | CONCEALED HORIZONTAL WATER SOURCE HEAT PUMP | WATER FURNACE | UBH030 | 208 | 1 | 1010 | 0.5 | 2.5 | 5 | 85 | 97 | 65 | 53 | 6 | 14.5 | 76 | 65 | 21 | 21 | 55 | 54 | 14 | 87 | 18.2 | 21.7 | 35 |
| WSHP-X05 | CONCEALED HORIZONTAL WATER SOURCE HEAT PUMP | WATER FURNACE | UBH015 | 208 | 1 | 500 | 0.5 | 1.25 | 4.5 | 85 | 97 | 65 | 53 | 6 | 11.4 | 76 | 65 | 11 | 11 | 55 | 54 | 7 | 87 | 10 | 11.5 | 15 |
| WSHP-X06 | CONCEALED HORIZONTAL WATER SOURCE HEAT PUMP | WATER FURNACE | UBH030 | 208 | 1 | 1010 | 0.5 | 2.5 | 5 | 85 | 97 | 65 | 53 | 6 | 14.5 | 76 | 65 | 21 | 21 | 55 | 54 | 16 | 89 | 18.20 | 21.7 | 35 |
| WSHP-X07 | CONCEALED HORIZONTAL WATER SOURCE HEAT PUMP | WATER FURNACE | UBH024 | 208 | 1 | 840 | 0.5 | 2.5 | 4.7 | 85 | 97 | 65 | 53 | 4 | 12.9 | 76 | 65 | 18 | 17 | 55 | 54 | 18 | 84 | 17.60 | 21 | 30 |
| WSHP-X08 | CONCEALED HORIZONTAL WATER SOURCE HEAT PUMP | WATER FURNACE | UBH018 | 208 | 1 | 650 | 0.5 | 1.5 | 4.3 | 85 | 97 | 65 | 53 | 4 | 11.4 | 76 | 65 | 14 | 13 | 55 | 54 | 10 | 89 | 10.80 | 12.5 | 15 |
| WSHP-X09 | CONCEALED HORIZONTAL WATER SOURCE HEAT PUMP | WATER FURNACE | UBH042 | 208 | 1 | 1390 | 0.5 | 3.5 | 5.2 | 85 | 97 | 65 | 53 | 8 | 13.9 | 76 | 65 | 29 | 29 | 55 | 54 | 25 | 91 | 25.50 | 30 | 45 |

HVAC UNIT HEATERS SCHEDULE

Equipment shall be braced and labeled by the equipment manufacturer to withstand the minimum scheduled available fault current value for listed equipment.

| EQUIPMENT MARK | DESCRIPTION | LOCATION | STATUS | WEIGHT (lbs) | MANUFACTURER | MODEL | EMERGENCY | VOLTS | PHASE | HTG KW (kW) | SHEET NUMBER |
|----------------|---------------------|----------------------|--------|--------------|--------------|----------|-----------|-------|-------|-------------|--------------|
| UH-1 | CABINET UNIT HEATER | NORTH INACTIVE ROOM | | | QMARK | IUH-1020 | | 208 | 3 | 10 | |
| UH-2 | CABINET UNIT HEATER | NORTH INACTIVE ROOM | | | QMARK | IUH-1020 | | 208 | 3 | 10 | |
| UH-3 | CABINET UNIT HEATER | NORTH INACTIVE ROOM | | | QMARK | IUH-1020 | | 208 | 3 | 10 | |
| UH-4 | CABINET UNIT HEATER | NORTH INACTIVE ROOM | | | QMARK | IUH-1020 | | 208 | 3 | 10 | |
| UH-5 | CABINET UNIT HEATER | SOUTH INACTIVE ROOM | | | QMARK | IUH-1020 | | 208 | 3 | 10 | |
| UH-6 | CABINET UNIT HEATER | SOUTH INACTIVE ROOM | | | QMARK | IUH-1020 | | 208 | 3 | 10 | |
| UH-7 | CABINET UNIT HEATER | MECHANICAL ROOM | | | QMARK | IUH-1020 | | 208 | 3 | 10 | |
| UH-8 | CABINET UNIT HEATER | ELEVATOR MACHINE ROO | | | QMARK | IUH-1020 | | 208 | 3 | 10 | |
| UH-9 | CABINET UNIT HEATER | ELEVATOR MACHINE ROO | | | QMARK | IUH-1020 | | 208 | 3 | 10 | |

HVAC AIR COIL SCHEDULE

Equipment shall be braced and labeled by the equipment manufacturer to withstand the minimum scheduled electrical fault current value for listed equipment.

| EQUIPMENT MARK | DESCRIPTION | MANUFACTURER | MODEL | VOLTS | PHASE | HTG KW (kW) | DUCT SIZE | SHEET NUMBER |
|----------------|----------------------|--------------|---------|-------|-------|-------------|----------------------|--------------|
| EDH-1 | ELECTRIC DUCT HEATER | MARLEY | OSCA022 | 208 | 3 | 22 | 32"x11" - 11TH FLOOR | M3.11 |
| EDH-2 | ELECTRIC DUCT HEATER | MARLEY | OSCA022 | 208 | 3 | 22 | 32"x11" - 11TH FLOOR | M3.11 |
| EDH-3 | ELECTRIC DUCT HEATER | MARLEY | OSCA022 | 208 | 3 | 22 | 20"x17" - 11TH FLOOR | M3.11 |
| EDH-4 | ELECTRIC DUCT HEATER | MARLEY | OSCA010 | 208 | 3 | 12 | 15"x19" - 11TH FLOOR | M3.11 |
| EDH-5 | ELECTRIC DUCT HEATER | MARLEY | OSCA004 | 208 | 3 | 6 | 21"x7" - 11TH FLOOR | M3.11 |
| EDH-6 | ELECTRIC DUCT HEATER | MARLEY | OSCA016 | 208 | 3 | 16 | 24"x20" - 12TH FLOOR | M3.12 |
| EDH-7 | ELECTRIC DUCT HEATER | MARLEY | OSCA016 | 208 | 3 | 16 | 32"x11" - STRAUS | M3.12 |
| EDH-8 | ELECTRIC DUCT HEATER | MARLEY | OSCA016 | 208 | 3 | 16 | 32"x11" - STRAUS | M3.12 |

HVAC ENERGY RECOVERY UNITS SCHEDULE

Equipment shall be braced and labeled by the equipment manufacturer to withstand the minimum scheduled available fault current value for listed equipment.

| EQUIPMENT MARK | DESCRIPTION | MANUFACTURER | MODEL | VOLTS | PHASE | OACFN (cfm) | OA ESP (in WC) | OA HP (hp) | EA CFM (cfm) | EA ESP (in WC) | EA HP (hp) | MIN COP (COP) | OA EAT DB (Deg F) | OA EAT WB (Deg F) | EA EAT DB (Deg F) | EA EAT WB (Deg F) | EA LAT DB (Deg F) | EA LAT WB (Deg F) | CLG MBH (mbh) | CLG SENS (mbh) | LAT CLG DB (Deg F) | HTG MBH (mbh) | LAT HTG (Deg F) | MCA (amps) | OCF (amps) |
|----------------|---|--------------|-------------------|-------|-------|-------------|----------------|------------|--------------|----------------|------------|---------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------|----------------|--------------------|---------------|-----------------|------------|------------|
| ERV-1 | PACKAGED AIR TO AIR ENERGY RECOVERY EQUIPMENT | ADDISON | PROW40CA20DBGA186 | 208 | 3 | 5500 | 2 | 7.5 | 3000 | 1.5 | 2 | 4.2 | 63 | 75 | 63 | 91.5 | 75.3 | 337 | 197 | 70 | 306 | 70 | 104 | 125 | |

HVAC LOUVER SCHEDULE

| TAG | DESCRIPTION | MANUFACTURER | MODEL | FACE SIZE | FREE AREA | AIRFLOW | MAX PRESSURE DROP (in. w.g.) | MATERIAL | FINISH |
|-----|----------------|--------------|-------|-----------|-----------|----------|------------------------------|----------|--|
| L1 | INTAKE LOUVER | POTTOFF | | 42"x72" | 11.00 SF | 550 CFM | 0.1 | ALUMINUM | BLACK FINISH G.C. TO FIELD PAINT TO MATCH CEILING OR WALLS |
| L2 | EXHAUST LOUVER | POTTOFF | | 42"x72" | 11.00 SF | 3000 CFM | 0.1 | ALUMINUM | BLACK FINISH G.C. TO FIELD PAINT TO MATCH CEILING OR WALLS |

HVAC HYDRONIC ACCESSORIES SCHEDULE

| EQUIPMENT MARK | Weight | DESCRIPTION | LOCATION | STATUS | MANUFACTURER | MODEL | STORAGE (Gal) | SHEET NUMBER |
|----------------|--------|----------------------|----------------------|--------|--------------|---------|---------------|--------------|
| DAS-1 | 550 | DIRT & AIR SEPARATOR | MECHANICAL PENTHOUSE | | ARMSTRONG | DAS-4-R | 21 | M3.13 |
| ET-CW | 150 | EXPANSION TANK | | | | | | |

COMcheck Software Version 4.1.5.3
Mechanical Compliance Certificate

Project Information

Energy Code: 90.1 (2010) Standard
 Project Title: MERCANTILE LIBRARY
 Location: Cincinnati, Ohio
 Climate Zone: 4a
 Project Type: Alteration

Construction Site: 414 WALNUT STREET, CINCINNATI, OH 45202
 Owner/Agent: KLIH Engineers
 Designer/Contractor: KLIH Engineers, 1538 Alexandria Pike, Fort Thomas, KY 41075

Mechanical Systems List

Quantity System Type & Description

3 WSHF-C, X01, X07
 Water Source Heat Pump
 Heating Mode Capacity = 25 kBtu/h,
 Proposed Efficiency = 4.70 COP, Required Efficiency = 4.20 COP
 Cooling Mode Capacity = 24 kBtu/h,
 Proposed Efficiency = 12.50 EER, Required Efficiency = 12.00 EER
 Fan System: WSHF-024 - Compliance (Motor nameplate HP method) - Passes
 Fans:
 FAN 024 Supply, Constant Volume, 855 CFM, 0.5 motor nameplate hp
 SYSTEM VERIFICATION REQUIRED.

1 UH
 Heating: 9 each - Unit Heater (UH), Electric, Capacity = 3 kBtu/h
 No minimum efficiency requirement applies
 Fan System: UH - Compliance (Motor nameplate HP method) - Passes
 Fans:
 FAN UH Supply, Constant Volume, 1000 CFM, 0.1 motor nameplate hp
 SYSTEM VERIFICATION REQUIRED.

3 WSHF-X02, X05, 2-5)
 Water Source Heat Pump
 Heating Mode Capacity = 15 kBtu/h,
 Proposed Efficiency = 4.40 COP, Required Efficiency = 4.20 COP
 Cooling Mode Capacity = 15 kBtu/h,
 Proposed Efficiency = 11.20 EER, Required Efficiency = 11.20 EER
 Fan System: WSHF-015 - Compliance (Motor nameplate HP method) - Passes
 Fans:
 FAN 015 Supply, Constant Volume, 635 CFM, 0.5 motor nameplate hp
 SYSTEM VERIFICATION REQUIRED.

3 WSHF-X02, X04, X06)
 Water Source Heat Pump
 Heating Mode Capacity = 32 kBtu/h,
 Proposed Efficiency = 5.00 COP, Required Efficiency = 4.20 COP

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Quantity System Type & Description

Cooling Mode Capacity = 30 kBtu/h,
 Proposed Efficiency = 14.50 EER, Required Efficiency = 12.00 EER
 Fan System: WSHF-030 - Compliance (Motor nameplate HP method) - Passes
 Fans:
 FAN 030 Supply, Constant Volume, 1020 CFM, 0.5 motor nameplate hp
 SYSTEM VERIFICATION REQUIRED.

1 WSHF-X08
 Water Source Heat Pump
 Heating Mode Capacity = 19 kBtu/h,
 Proposed Efficiency = 4.30 COP, Required Efficiency = 4.20 COP
 Cooling Mode Capacity = 18 kBtu/h,
 Proposed Efficiency = 12.00 EER, Required Efficiency = 12.00 EER
 Fan System: WSHF-018 - Compliance (Motor nameplate HP method) - Passes
 Fans:
 FAN 018 Supply, Constant Volume, 750 CFM, 0.5 motor nameplate hp
 SYSTEM VERIFICATION REQUIRED.

1 WSHF-X09
 Water Source Heat Pump
 Heating Mode Capacity = 47 kBtu/h,
 Proposed Efficiency = 5.20 COP, Required Efficiency = 4.20 COP
 Cooling Mode Capacity = 42 kBtu/h,
 Proposed Efficiency = 13.00 EER, Required Efficiency = 12.00 EER
 Fan System: WSHF-042 - Compliance (Motor nameplate HP method) - Passes
 Fans:
 FAN 042 Supply, Constant Volume, 1400 CFM, 1.0 motor nameplate hp
 SYSTEM VERIFICATION REQUIRED.

4 WSHF-2(1, 2, 3, 4)
 Water Source Heat Pump
 Heating Mode Capacity = 58 kBtu/h,
 Proposed Efficiency = 4.90 COP, Required Efficiency = 4.20 COP
 Cooling Mode Capacity = 48 kBtu/h,
 Proposed Efficiency = 13.00 EER, Required Efficiency = 12.00 EER
 Fan System: WSHF-048 - Compliance (Motor nameplate HP method) - Passes
 Fans:
 FAN 048 Supply, Constant Volume, 1635 CFM, 1.0 motor nameplate hp
 SYSTEM VERIFICATION REQUIRED.

2 B(1, 2)
 Heating: Hot Water Boiler, Capacity 2355 kBtu/h, Gas, with Waterloop Heat Pump
 Proposed Efficiency: 94.0% E1, Required Efficiency: 80.00% E1
 PLANT COMPLIANCE REQUIRED.

Mechanical Compliance Statement

Compliance Statement: The proposed mechanical alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed mechanical systems have been designed to meet the 90.1 (2010) Standard requirements in COMcheck Version 4.1.5.3 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

| Name - Title | Signature | Date |
|--------------|-----------|------|
| | | |

Project Title: MERCANTILE LIBRARY Report date: 11/22/22
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COMcheck Software Version 4.1.5.3
Inspection Checklist

Requirements: 100.0% were addressed directly in the COMcheck software
 Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

| Section # & Req.ID | Plan Review | Complies? | Comments/Assumptions |
|---|--|--|--------------------------|
| 4.2.2.6.4, 4.2.1.6.7, 1.1.8.4.1, 2.8.7 (PR2)? | Plans, specifications, and/or calculations provide all information with which compliance can be determined for the mechanical systems and equipment and document where exceptions to the standard are claimed. Load calculations per acceptable engineering standards and handbooks. | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 4.2.2.8.4, 1.1.8.4.1, 2.8.7 (PR6)? | Plans, specifications, and/or calculations provide all information with which compliance can be determined for the electrical systems and equipment and document where exceptions to the standard are claimed. Feeder connectors sized in accordance with approved plans and branch circuits sized for maximum drop of 3%. | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 6.7.2.4 (PR5)? | Detailed instructions for HVAC systems commissioning included on the plans or specifications for projects >=50,000 ft2. | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

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| Section # & Req.ID | Footings / Foundation Inspection | Complies? | Comments/Assumptions |
|--------------------|--|--|---|
| 6.4.3.8 (FO)? | Freeze protection and snow/ice melting system sensors for future connection to controls. | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Exception: Requirement does not apply. |

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

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| Section # & Req.ID | Mechanical Rough-In Inspection | Plans Verified Value | Field Verified Value | Complies? | Comments/Assumptions |
|-------------------------|---|----------------------|----------------------|--|--|
| 6.4.1.4.6, 4.1.5 (ME1)? | HVAC equipment efficiency verified. Non-NAECA HVAC equipment labeled as meeting 90.1. | Efficiency: _____ | Efficiency: _____ | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | See the Mechanical Systems list for values. |
| 6.4.3.4.1 (ME3)? | Stair and elevator shaft vents have motorized dampers that automatically close. | | | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 6.4.3.4.2 (ME4)? | Outdoor air and exhaust systems have motorized dampers that automatically shut when not in use and meet maximum leakage rates. Check gravity dampers where allowed. | | | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 6.4.3.4.5 (ME5)? | Enclosed parking garage ventilation has automatic contaminant detection and capacity to stage or modulate fans to 50% or less of design capacity. | | | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Exception: Requirement does not apply. |
| 6.4.3.4.4 (ME3)? | Ventilation fans >0.75 hp have automatic controls to shut off fan when not required. | | | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 6.4.3.9 (ME6)? | Demand control ventilation provided for spaces >500 ft2 and >40 people/1000 ft2 occur densely and served by systems with air side economizer, auto modulating outside air damper control, or design airflow >3,000 cfm. | | | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Exception: Systems with heat recovery. |
| 6.4.3.10 (ME4)? | Single zone HVAC systems with fan motors >=5 hp have variable airflow controls. Air conditioning equipment with a cooling capacity >=110,000 Btu/h has variable airflow controls. | | | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Exception: Requirement does not apply. See the Mechanical Systems list for values. |
| 6.4.3.10 (ME4)? | Single zone HVAC systems with fan motors >=5 hp have variable airflow controls. Air conditioning equipment with a cooling capacity >=110,000 Btu/h has variable airflow controls. | | | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Exception: Requirement does not apply. See the Mechanical Systems list for values. |
| 6.4.3.10 (ME4)? | Single zone HVAC systems with fan motors >=5 hp have variable airflow controls. Air conditioning equipment with a cooling capacity >=110,000 Btu/h has variable airflow controls. | | | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Exception: Requirement does not apply. See the Mechanical Systems list for values. |
| 6.4.3.10 (ME4)? | Single zone HVAC systems with fan motors >=5 hp have variable airflow controls. Air conditioning equipment with a cooling capacity >=110,000 Btu/h has variable airflow controls. | | | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Exception: Requirement does not apply. See the Mechanical Systems list for values. |

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)
 Project Title: MERCANTILE LIBRARY Report date: 11/22/22
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| Section # & Req.ID | Mechanical Rough-In Inspection | Plans Verified Value | Field Verified Value | Complies? | Comments/Assumptions |
|--------------------|---|----------------------|----------------------|--|--|
| 6.4.3.10 (ME4)? | Single zone HVAC systems with fan motors >=5 hp have variable airflow controls. Air conditioning equipment with a cooling capacity >=110,000 Btu/h has variable airflow controls. | | | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Exception: Requirement does not apply. See the Mechanical Systems list for values. |
| 6.4.3.10 (ME4)? | Single zone HVAC systems with fan motors >=5 hp have variable airflow controls. Air conditioning equipment with a cooling capacity >=110,000 Btu/h has variable airflow controls. | | | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Exception: Requirement does not apply. See the Mechanical Systems list for values. |
| 6.4.4.1.1 (ME7)? | Insulation exposed to weather protected from damage. Insulation outside of the conditioned space and associated with cooling systems is vapor retardant. | | | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 6.4.4.1.2 (ME8)? | HVAC ducts and plenums insulated. Where ducts or plenums are installed in or under a slab, verification may occur during Foundation inspection. | R: _____ | R: _____ | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 6.4.4.1.3 (ME9)? | HVAC piping insulation thickness. Where piping is installed in or under a slab, verification may occur during Foundation inspection. | _____ in. | _____ in. | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 6.4.4.1.4 (ME4)? | Thermally ineffective panel surfaces of sensible heating panels have insulation >= R-3.5. | | | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 6.4.4.1.5 (ME10)? | Ducts and plenums sealed based on static pressure and location. | | | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 6.4.4.2.1 (ME11)? | Ductwork operating >3 in. water column requires air leakage testing. | | | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 6.4.4.2.2 (ME11)? | Ductwork operating >3 in. water column requires air leakage testing. | | | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Exception: Requirement does not apply. |
| 6.4.4.2.2 (ME11)? | Ductwork operating >3 in. water column requires air leakage testing. | | | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 6.4.4.2.2 (ME11)? | Ductwork operating >3 in. water column requires air leakage testing. | | | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 6.4.4.2.2 (ME11)? | Ductwork operating >3 in. water column requires air leakage testing. | | | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)
 Project Title: MERCANTILE LIBRARY Report date: 11/22/22
 Data filename: G:\24000-24999\24100-24199\24166\24166.02\Project Data\Energy\Mechanical.cck Page 6 of 13

| Section # & Req.ID | Mechanical Rough-In Inspection | Plans Verified Value | Field Verified Value | Complies? | Comments/Assumptions |
|--------------------|--|----------------------|----------------------|--|--|
| 6.4.4.2.2 (ME11)? | Ductwork operating >3 in. water column requires air leakage testing. | | | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 6.4.4.2.2 (ME11)? | Ductwork operating >3 in. water column requires air leakage testing. | | | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 6.4.4.2.2 (ME11)? | Ductwork operating >3 in. water column requires air leakage testing. | | | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 6.5.2.2.1 (ME5)? | Three-pipe hydronic systems using a common return for hot and chilled water are not used. | | | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 6.5.2.3 (ME19)? | Dehumidification controls provided to prevent reheating, recoling, mixing of hot and cold airstreams, or concurrent heating and cooling of the same airstream. | | | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 6.5.3 (ME4)? | Multiple zone VAV systems with DDC of individual zone boxes have static pressure setpoint reset controls. | | | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Exception: Requirement does not apply. See the Mechanical Systems list for values. |
| 6.5.3 (ME4)? | Multiple zone VAV systems with DDC of individual zone boxes have static pressure setpoint reset controls. | | | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Exception: Requirement does not apply. See the Mechanical Systems list for values. |
| 6.5.3 (ME4)? | Multiple zone VAV systems with DDC of individual zone boxes have static pressure setpoint reset controls. | | | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Exception: Requirement does not apply. See the Mechanical Systems list for values. |
| 6.5.3 (ME4)? | Multiple zone VAV systems with DDC of individual zone boxes have static pressure setpoint reset controls. | | | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Exception: Requirement does not apply. See the Mechanical Systems list for values. |
| 6.5.3 (ME4)? | Multiple zone VAV systems with DDC of individual zone boxes have static pressure setpoint reset controls. | | | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Exception: Requirement does not apply. See the Mechanical Systems list for values. |
| 6.5.3 (ME4)? | Multiple zone VAV systems with DDC of individual zone boxes have static pressure setpoint reset controls. | | | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Exception: Requirement does not apply. See the Mechanical Systems list for values. |

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)
 Project Title: MERCANTILE LIBRARY Report date: 11/22/22
 Data filename: G:\24000-24999\24100-24199\24166\24166.02\Project Data\Energy\Mechanical.cck Page 7 of 13

| Section # & Req.ID | Mechanical Rough-In Inspection | Plans Verified Value | Field Verified Value | Complies? | Comments/Assumptions |
|--------------------|---|----------------------|----------------------|--|---|
| 6.5.4.1 (ME25)? | HVAC pumping systems >10 hp designed for variable fluid flow. | | | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 6.5.4.2 (ME27)? | Temperature reset by representative building loads in pumping systems >10 hp for chiller and boiler systems >300,000 Btu/h. | | | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 6.5.4.4.1 (ME28)? | Two-position automatic valve interlocked to shut off water flow when hydronic hot pump with pumping system >10 hp is off. | | | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 6.5.4.4.2 (ME4)? | Hydronic heat pumps and water-cooled unitary air conditioners with pump systems >5 hp have controls or devices to reduce pump motor demand. | | | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 6.5.6.1 (ME56)? | Exhaust air energy recovery on systems meeting Table 6.5.6.1. | | | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 6.5.7.1.1 (ME32)? | Kitchen hoods >5,000 cfm have make up air >=50% of exhaust air volume. | | | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Exception: Requirement does not apply. |
| 6.5.7.1.2 (ME46)? | Conditioned supply air to space with a kitchen hood shall not exceed the greater of a) supply flow required to meet space heating or cooling, or b) hood exhaust flow minus the available air transfer from available spaces. | | | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Exception: Requirement does not apply. |
| 6.5.7.1.2 (ME46)? | Conditioned supply air to space with a kitchen hood shall not exceed the greater of a) supply flow required to meet space heating or cooling, or b) hood exhaust flow minus the available air transfer from available spaces. | | | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Exception: Requirement does not apply. |
| 6.5.7.1.2 (ME46)? | Conditioned supply air to space with a kitchen hood shall not exceed the greater of a) supply flow required to meet space heating or cooling, or b) hood exhaust flow minus the available air transfer from available spaces. | | | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Exception: Requirement does not apply. |
| 6.5.7.1.2 (ME46)? | Conditioned supply air to space with a kitchen hood shall not exceed the greater of a) supply flow required to meet space heating or cooling, or b) hood exhaust flow minus the available air transfer from available spaces. | | | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Exception: Requirement does not apply. |

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)
 Project Title: MERCANTILE LIBRARY Report date: 11/22/22
 Data filename: G:\24000-24999\24100-24199\24166\24166.02\Project Data\Energy\Mechanical.cck Page 8 of 13



| Section # & Req.ID | Mechanical Rough-In Inspection | Plans Verified Value | Field Verified Value | Complies? | Comments/Assumptions |
|--------------------|---|----------------------|----------------------|--|---|
| 6.5.7.1.2 [ME46] | Conditioned supply air to space with a kitchen hood shall not exceed the greater of a) supply flow required to meet space heating or cooling, or b) hood exhaust flow minus the available air transfer from available spaces. | | | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Exception: Requirement does not apply. |
| 6.5.7.1.2 [ME46] | Conditioned supply air to space with a kitchen hood shall not exceed the greater of a) supply flow required to meet space heating or cooling, or b) hood exhaust flow minus the available air transfer from available spaces. | | | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Exception: Requirement does not apply. |
| 6.5.7.1.2 [ME46] | Conditioned supply air to space with a kitchen hood shall not exceed the greater of a) supply flow required to meet space heating or cooling, or b) hood exhaust flow minus the available air transfer from available spaces. | | | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Exception: Requirement does not apply. |
| 6.5.7.1.5 [ME49] | Approved field test used to evaluate design air flow rates and demonstrate proper capture and containment of kitchen exhaust systems. | | | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Exception: Requirement does not apply. |
| 6.5.7.2 [ME33] | Fume hoods exhaust systems >= 15,000 cfm have VAV hood exhaust and supply systems, direct make-up air or heat recovery. | | | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Exception: Requirement does not apply. |
| 6.5.8.1 [ME34] | Unenclosed spaces that are heated use only radiant heat. | | | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Exception: Requirement does not apply. |

Additional Comments/Assumptions:

| Section # & Req.ID | Rough-In Electrical Inspection | Complies? | Comments/Assumptions |
|--------------------|--|--|--------------------------|
| 8.4.2 [EL10] | At least 50% of all 125 volt 15- and 20-amp receptacles are controlled by an automatic control device. | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 10.4.1 [EL9] | Electric motors meet requirements where applicable. | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |

Additional Comments/Assumptions:

| Section # & Req.ID | Final Inspection | Complies? | Comments/Assumptions |
|--------------------|--|--|--------------------------|
| 6.4.3.1.2 [F13] | Thermostatic controls have a 5 °F deadband. | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 6.4.3.2 [F20] | Temperature controls have setpoint overlap restrictions. | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 6.4.3.3.1 [F21] | HVAC systems equipped with at least one automatic shutdown control. | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 6.4.3.3.2 [F22] | Setback controls allow automatic restart and temporary operation as required for maintenance. | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 6.4.3.5 [F15] | Heat pump controls prevent supplemental electric resistance heat from coming on when not needed. | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 6.4.3.5 [F15] | Heat pump controls prevent supplemental electric resistance heat from coming on when not needed. | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 6.4.3.5 [F15] | Heat pump controls prevent supplemental electric resistance heat from coming on when not needed. | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 6.4.3.5 [F15] | Heat pump controls prevent supplemental electric resistance heat from coming on when not needed. | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 6.4.3.5 [F15] | Heat pump controls prevent supplemental electric resistance heat from coming on when not needed. | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 6.4.3.5 [F15] | Heat pump controls prevent supplemental electric resistance heat from coming on when not needed. | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 6.4.3.7 [F16] | When humidification and dehumidification are provided to a zone, simultaneous operation is prohibited. | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 6.7.2.1 [F17] | Furnished HVAC as-built drawings submitted within 90 days of system acceptance. | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 6.7.2.2 [F18] | Furnished O&M manuals for HVAC systems within 90 days of system acceptance. | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |

| Section # & Req.ID | Final Inspection | Complies? | Comments/Assumptions |
|--------------------|---|--|--------------------------|
| 6.7.2.3 [F19] | An air and/or hydronic system balancing report is provided for HVAC systems serving zones >5,000 ft2 of conditioned area. | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 6.7.2.4 [F10] | HVAC control systems have been tested to ensure proper operation, calibration and adjustment of controls. | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 10.4.3 [F24] | Elevators are designed with the proper lighting, ventilation power, and standby mode. | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |

Additional Comments/Assumptions:

MERCANTILE LIBRARY BUILDING
 414 WALNUT STREET
 CINCINNATI, OH 45202



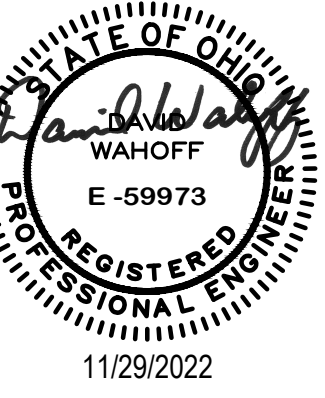
ISSUE LOG:

MECHANICAL COMPLIANCE

M6.03
 KLH PROJECT # 24166.02

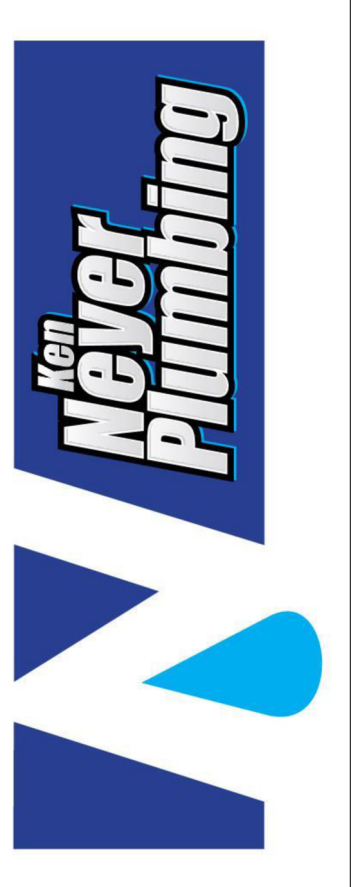
LEGEND/ABBREVIATIONS
 BI=BOTTOM OF INSULATION
 IE=BOTTOM OF INSIDE OF PIPE (SLOPED PIPE)
 TI=TOP OF TRAPEZE

KEYPLAN



DATE REV DESCRIPTION

KEN NEYER
 PLUMBING, INC.
 4895 S.R. 128
 CLEVELAND, OHIO 45002
 (513) 353-3311
 www.neyerplumbing.com



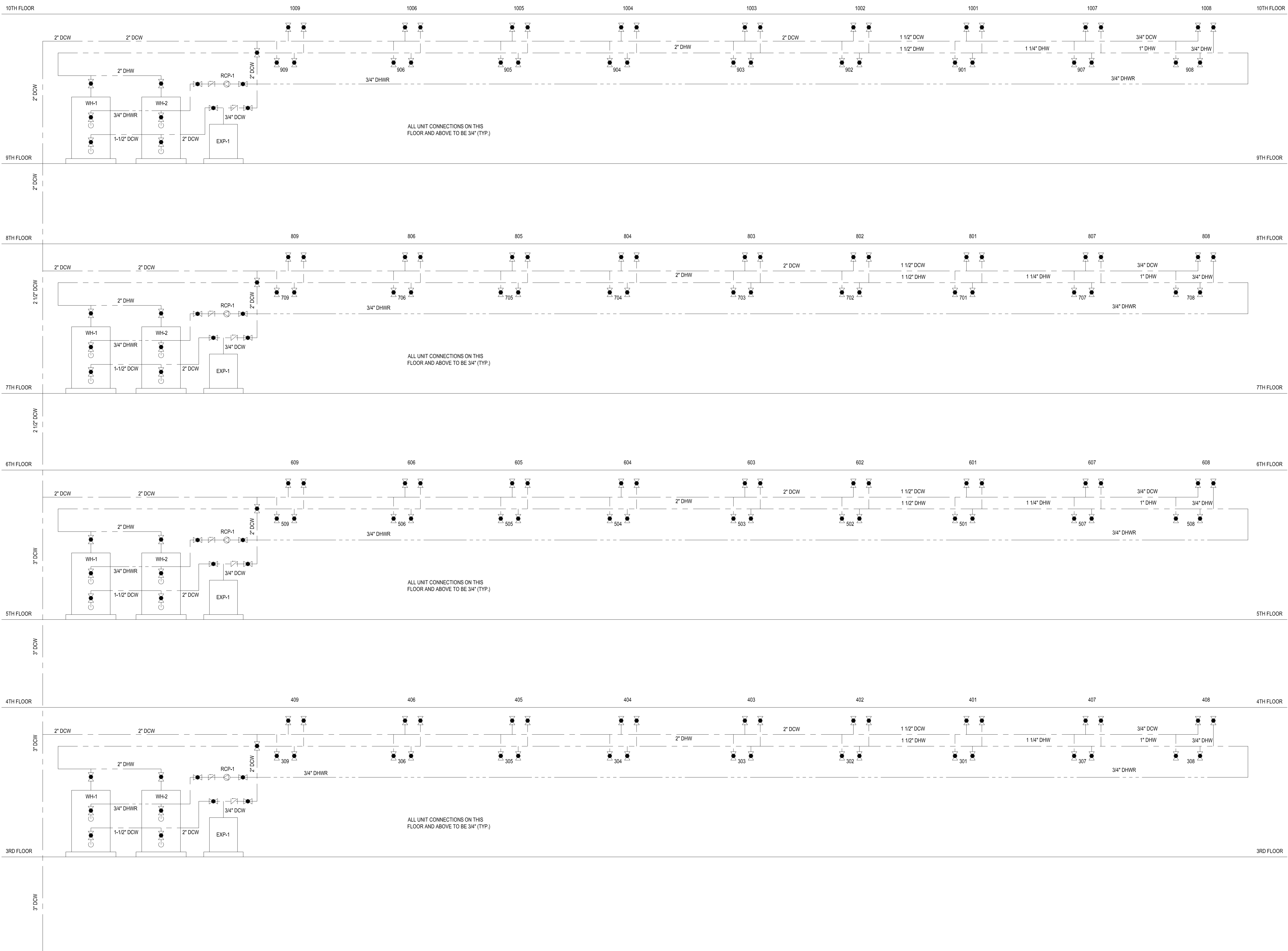
Project Title:
**MERCANTILE LIBRARY
 RESIDENTIAL**
 414 WALNUT STREET
 CINCINNATI, OHIO 45202

PLUMBING
 WATER
 RISER DIAGRAM

| | |
|---------------------|--------------------|
| DRAWN: HAS | REF DWG: REF DWG |
| PROJ. MGR: FP | JOB #: 2022.01.236 |
| CHECKED BY: F RALLY | DATE: 11-29-22 |
| ISSUED BY: CHECKED | DATE: 11-29-22 |

P001

GENERAL INFORMATION

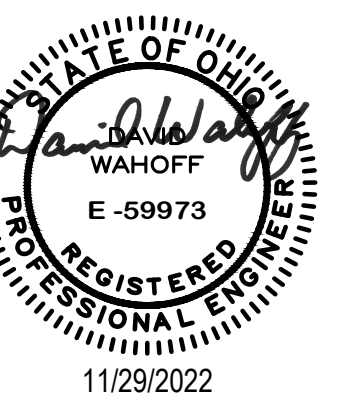


WATER RISER DIAGRAM
 SCALE: NTS

C:\ENR\ENR\MERCANTILE\MERCANTILE LIBRARY RESIDENTIAL 2022.01.236.DWG PLUMBING (D) DRAWINGS (P001) ARCH-EL (50.00 x 42.00 inches) 11/29/2022 10:27 AM

LEGEND/ABBREVIATIONS
 BI=BOTTOM OF INSULATION
 IE=BOTTOM OF INSIDE OF PIPE
 (SLOPED PIPE)
 TT=TOP OF TRAPEZE

KEYPLAN



| DATE | REV | DESCRIPTION |
|------|-----|-------------|
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| | | |

KEN NEYER
 PLUMBING, INC.
 4895 S.R. 128
 CLEVELAND, OHIO 45002
 (513) 353-3311
 www.neyerplumbing.com



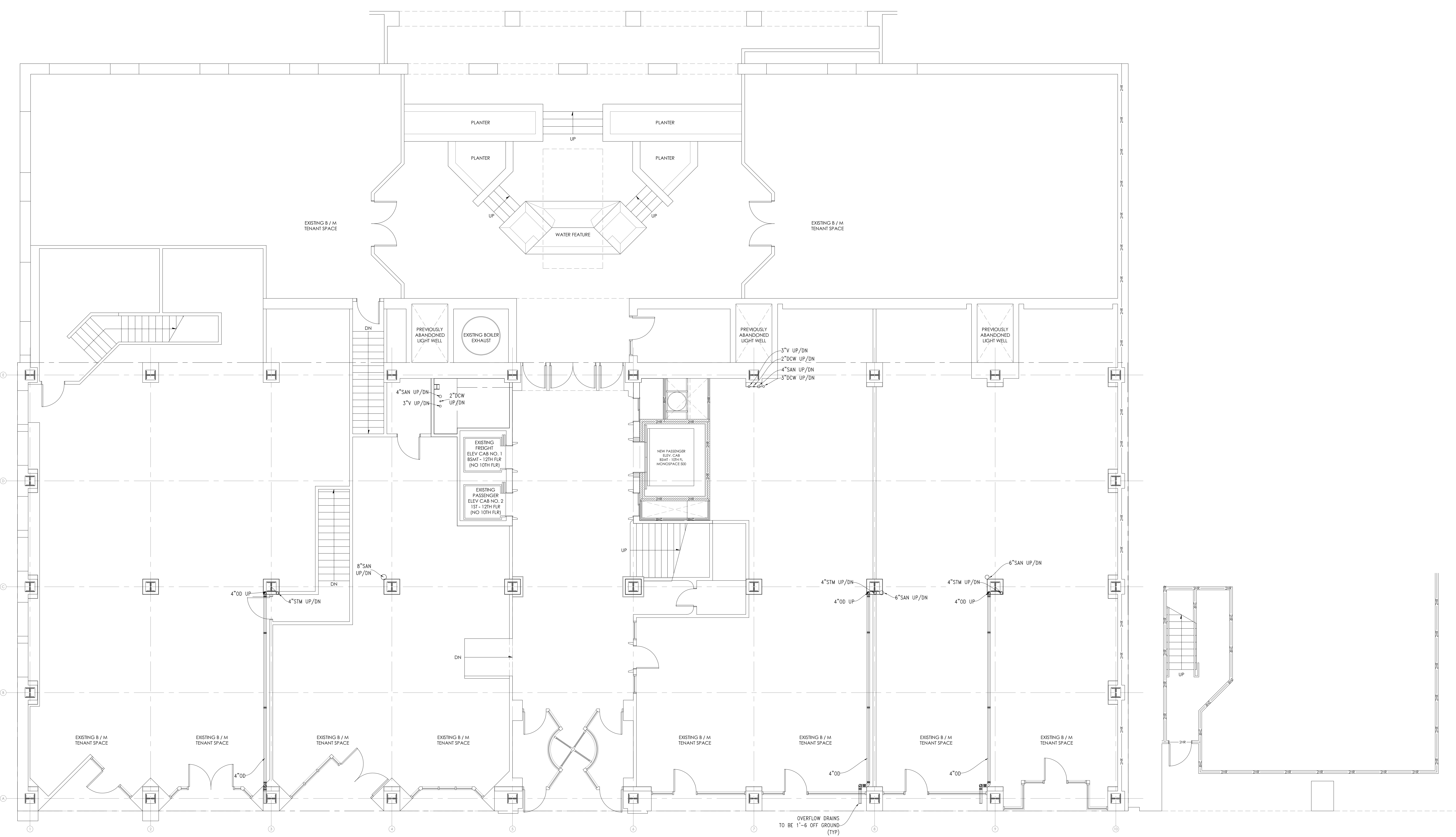
Project Title:
**MERCANTILE LIBRARY
 RESIDENTIAL**
 414 WALNUT STREET
 CINCINNATI, OHIO 45202

PLUMBING
 FIRST FLOOR
 SANITARY

| | |
|----------------------|--------------------|
| DRAWN: HAS | REF DWG: - |
| PROJ. MGR: FP | JOB #: 2022.01.235 |
| CHECKED BY: F.PAULLY | DATE: 11-29-22 |
| SIGNED OFF: F.PAULLY | DATE: 11-29-22 |

P101

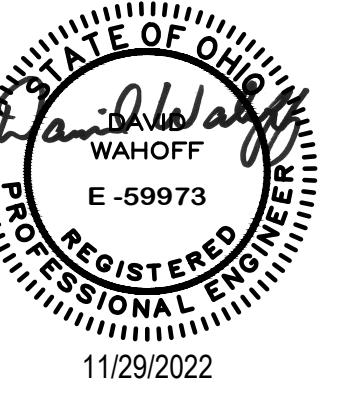
COORDINATION 10/ 0



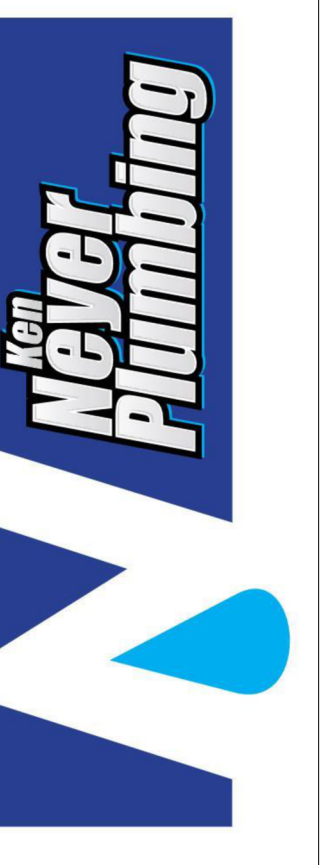
PLUMBING FIRST FLOOR PLAN
 SCALE: 3/16"=1'-0"

LEGEND/ABBREVIATIONS
 BI=BOTTOM OF INSULATION
 IE=BOTTOM OF INSULATION OF PIPE (SLOPED PIPE)
 TI=TOP OF TRAPEZE

KEYPLAN



KEN NEYER
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 www.neyerplumbing.com



Project Title:
**MERCANTILE LIBRARY
 RESIDENTIAL**
 414 WALNUT STREET
 CINCINNATI, OHIO 45202

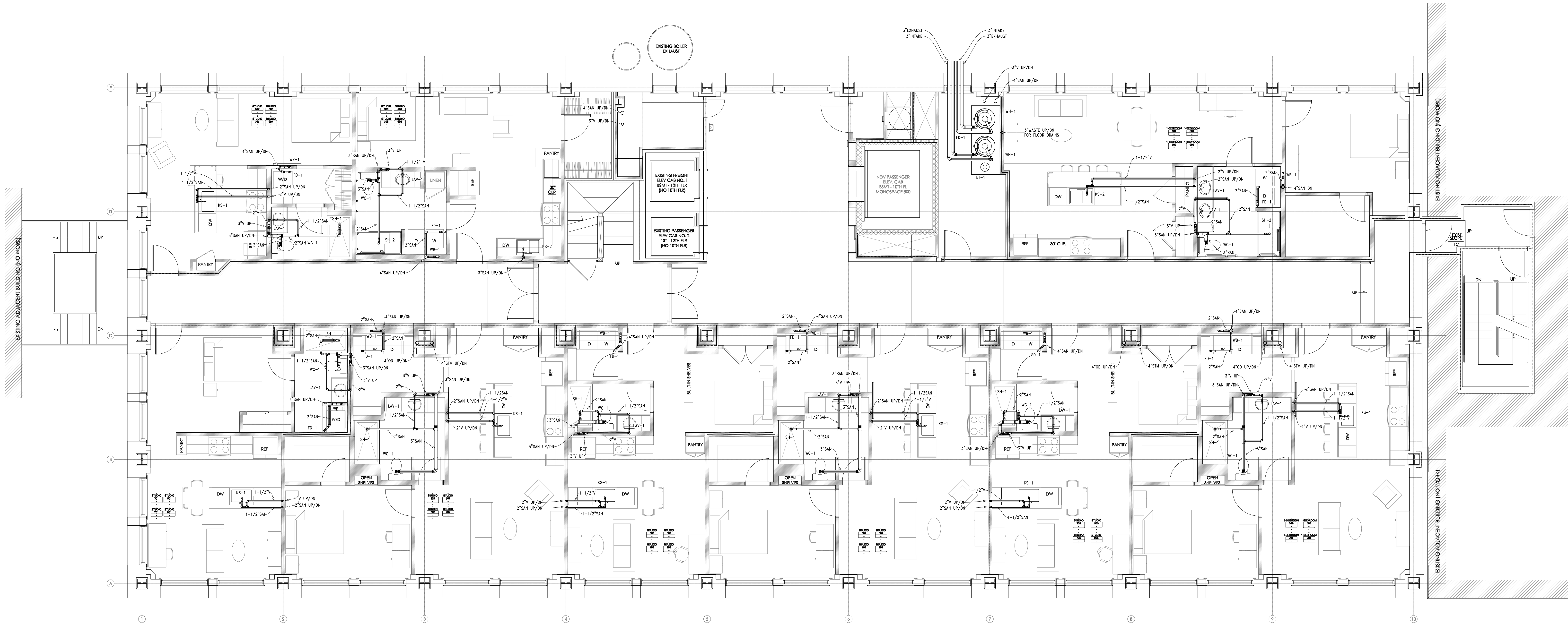
PLUMBING
 THIRD FLOOR
 SANITARY

| | |
|-----------------------|--------------------|
| DESIGN: HAS | REF. DWG: - |
| PROJ. MGR: FP | JOB #: 2022.01.235 |
| CHECKED BY: F. PAULLY | DATE: 11-29-22 |
| SIGNED OFF: F. PAULLY | DATE: 11-29-22 |

P103

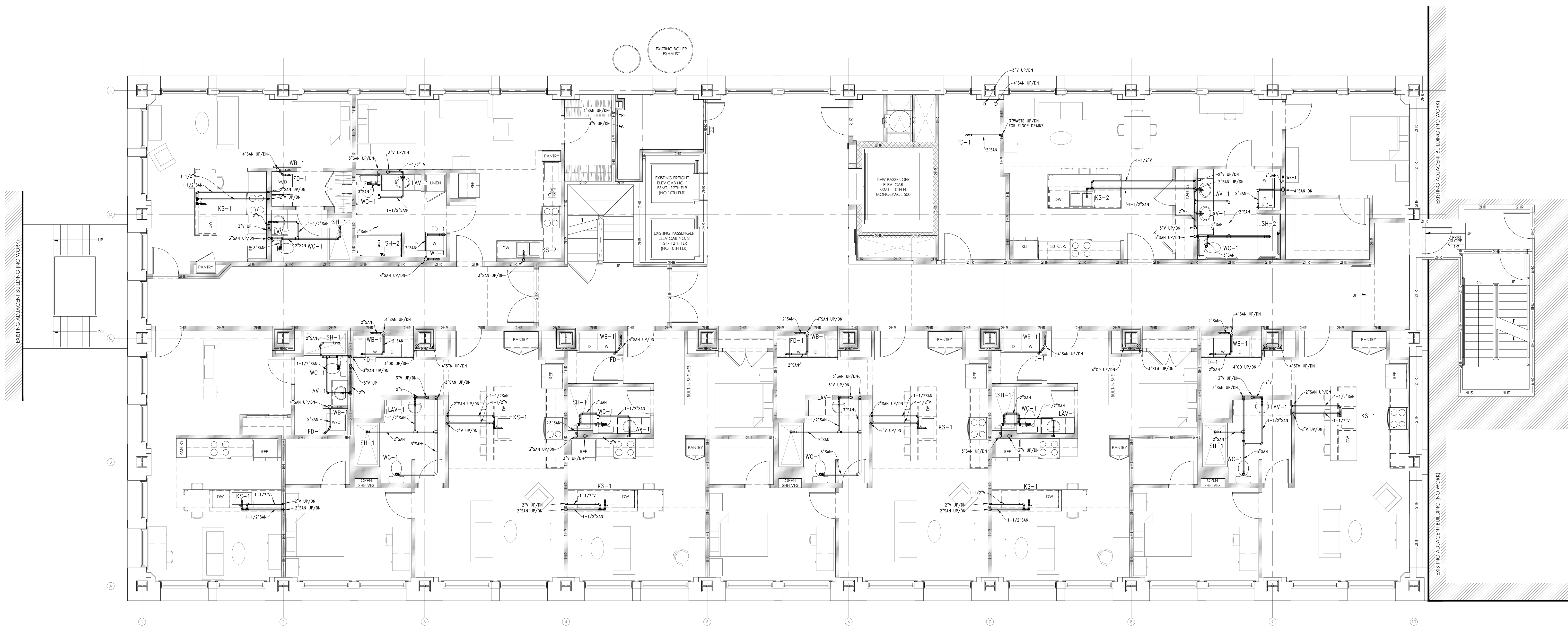
COORDINATION: 0

C:\ENYER\ENR\MERCANTILE\MERCANTILE LIBRARY - RESIDENTIAL 2022.01.235.DWG PLUMBING (3) DRAWINGS (P103) ARCH-EL (50.00 x 42.00 inches) 11/29/2022 10:38 AM



PLUMBING FLOOR PLANS
 TYPICAL FOR FLOORS 3, 5, 7 AND 9
 SCALE: 3/16" = 1/0"

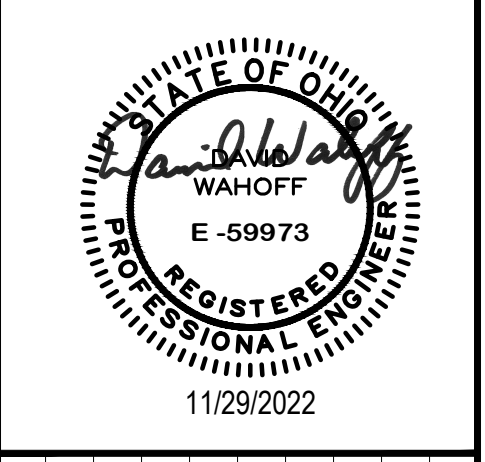
C:\ENGINEERING\MERCANTILE LIBRARY RESIDENTIAL 2022\01.23\22 PLUMBING CD DRAWINGS\P104 - ARCH I.dwg | 11/29/2022 11:00 AM | 42.00 (inches) |



PLUMBING FLOOR PLANS
 TYPICAL FOR FLOORS 4, 6 AND 8
 SCALE: 3/16" = 1'-0"

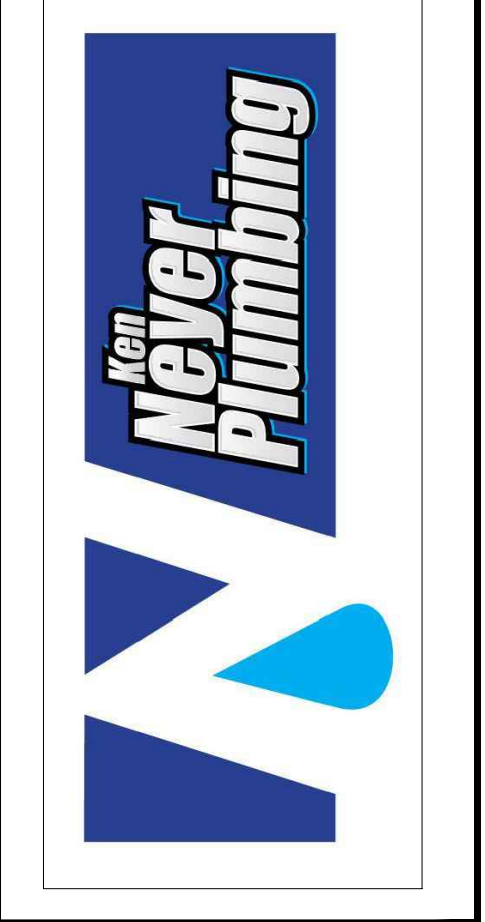
LEGEND/ABBREVIATIONS
 BI=BOTTOM OF INSULATION
 IE=BOTTOM OF INSIDE OF PIPE
 (SLOPED PIPE)
 TT=TOP OF TRAPEZE

KEYPLAN



| NO. | DATE | REV. DESCRIPTION |
|-----|------|------------------|
| | | |
| | | |
| | | |
| | | |

KEN NEYER PLUMBING, INC.
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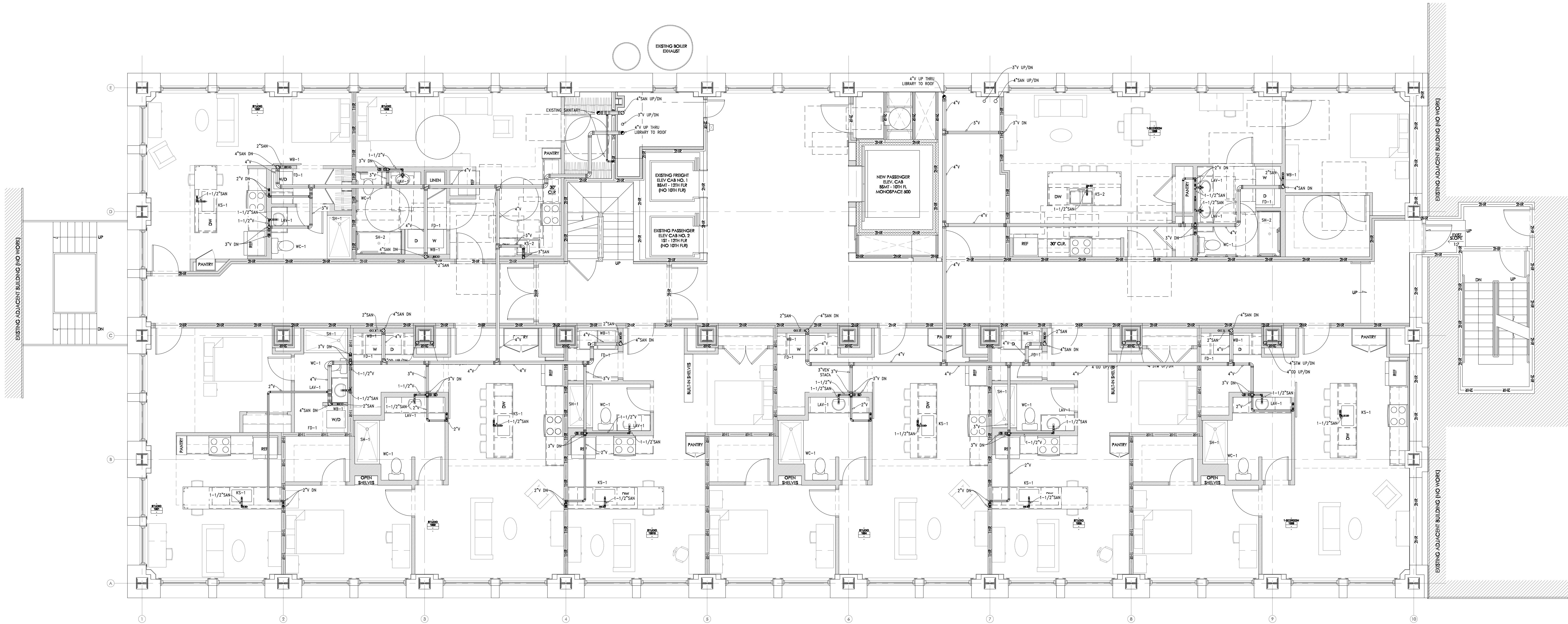
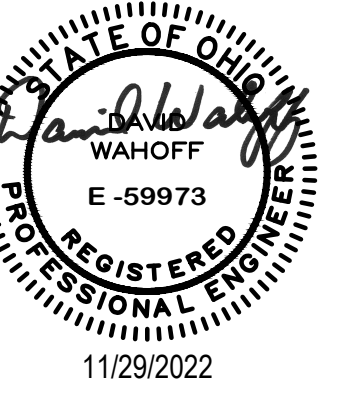


Project Title:
**MERCANTILE LIBRARY
 RESIDENTIAL**
 414 WALNUT STREET
 CINCINNATI, OHIO 45202

PLUMBING FLOOR PLANS
 SANITARY & VENT

| | |
|---------------------|--------------------|
| DESIGN: HAS | REV. NO.: - |
| PROJ. MGR: FP | JOB #: 2022.01.235 |
| CHECKED BY: F.PALLY | DATE: 11-29-22 |
| SIGNED OFF: F.PALLY | DATE: 11-29-22 |

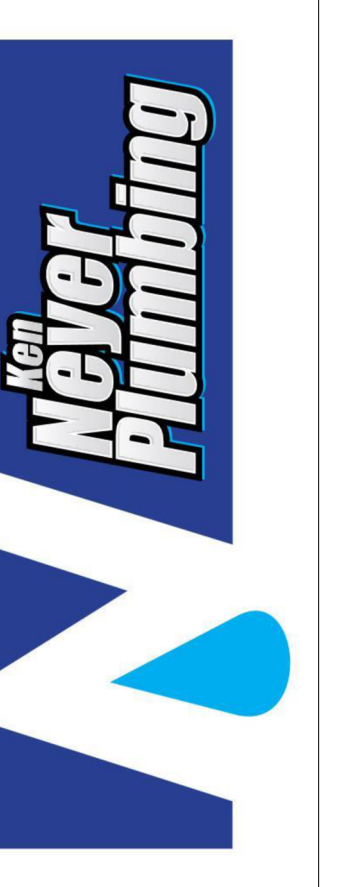
P104
 COORDINATION 0/0



PLUMBING TENTH FLOOR PLAN

SCALE: 3/16"=1'0"

KEN NEYER
 PLUMBING, INC.
 4895 S.R. 128
 CLEVELAND, OHIO 45002
 (513) 353-3311
 www.kenyerplumbing.com



Project Title:
**MERCANTILE LIBRARY
 RESIDENTIAL**
 414 WALNUT STREET
 CINCINNATI, OHIO 45202

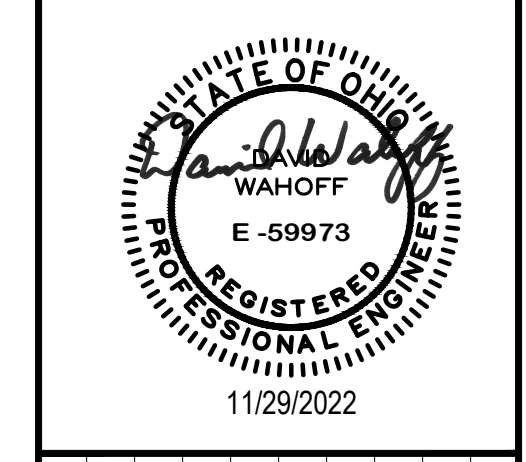
PLUMBING
 10TH FLOOR
 SANITARY & VENT

| | |
|----------------------|--------------------|
| DRAWN: HAS | REF DWG: - |
| PROJ. MGR: FP | JOB #: 2022.01.235 |
| CHECKED BY: F PAULLY | DATE: 11-29-22 |
| SIGNED OFF: F PAULLY | DATE: 11-29-22 |

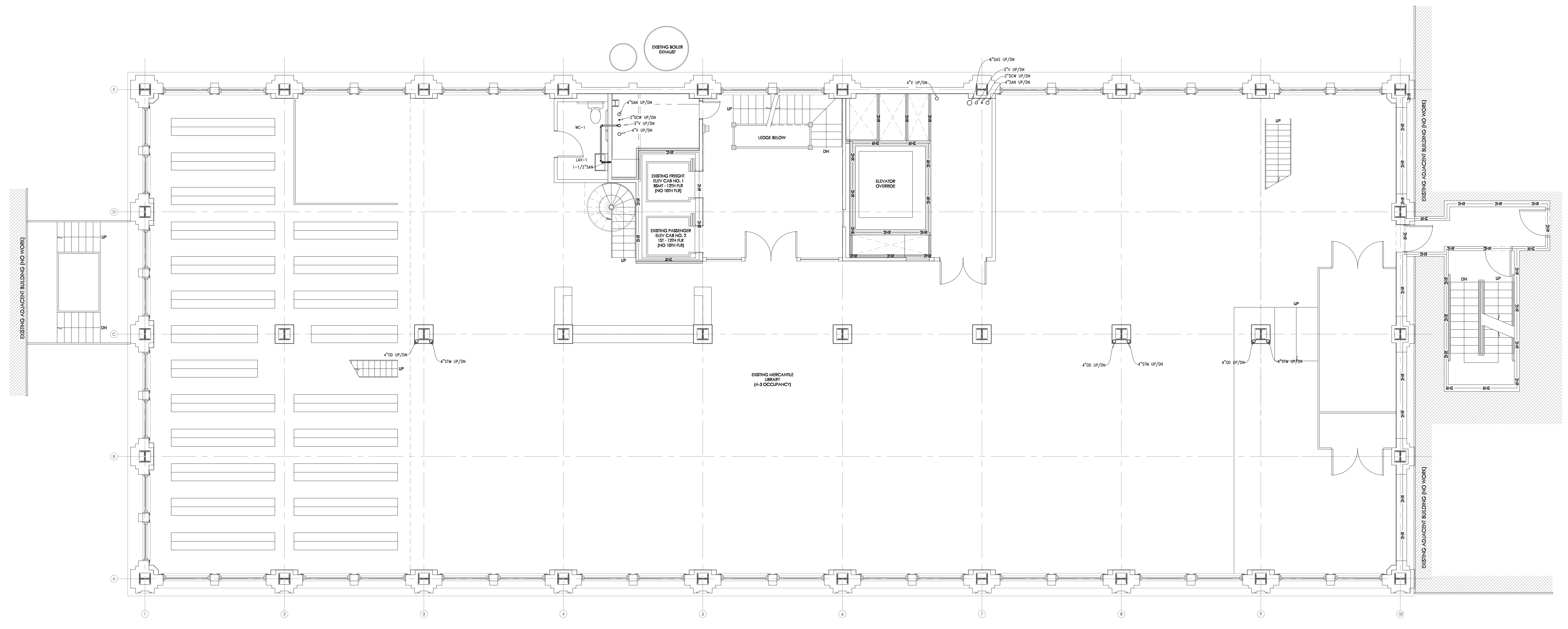
P110

LEGEND/ABBREVIATIONS
 BI=BOTTOM OF INSULATION
 IE=BOTTOM OF INSIDE OF PIPE
 (SLOPED PIPE)
 TI=TOP OF TRAPEZE

KEYPLAN

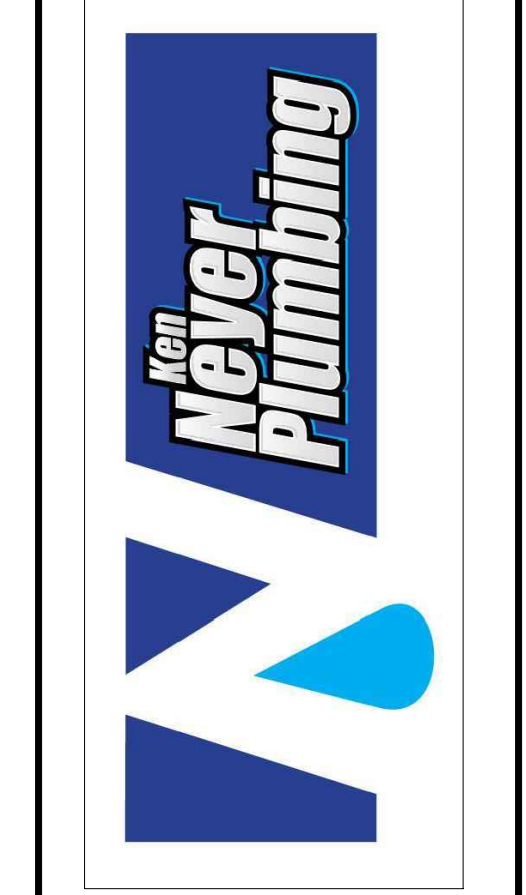


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PLUMBING ELEVENTH FLOOR PLAN
 SCALE: 3/16"=1'-0"

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 www.neyerplumbing.com



Project Title:
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 RESIDENTIAL**
 414 WALNUT STREET
 CINCINNATI, OHIO 45202

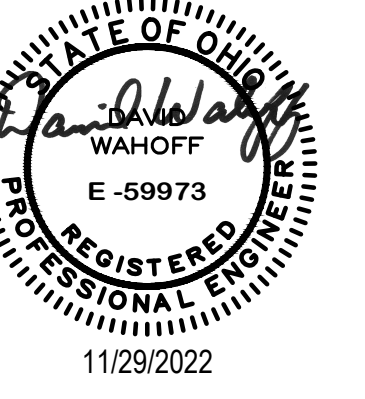
PLUMBING
 11TH FLOOR
 SANITARY & VENT

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| DRAWN: HAS | REV. NO: - |
| PROJ. MGR: FP | JOB #: 2022.01.235 |
| CHECKED BY: F.PALLY | DATE: 11-29-22 |
| SIGNED OFF: F.PALLY | DATE: 11-29-22 |

P111

LEGEND/ABBREVIATIONS
 BI=BOTTOM OF INSULATION
 IE=BOTTOM OF INSIDE OF PIPE
 (SLOPED PIPE)
 TT=TOP OF TRAPEZE

KEYPLAN



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 PLUMBING, INC.
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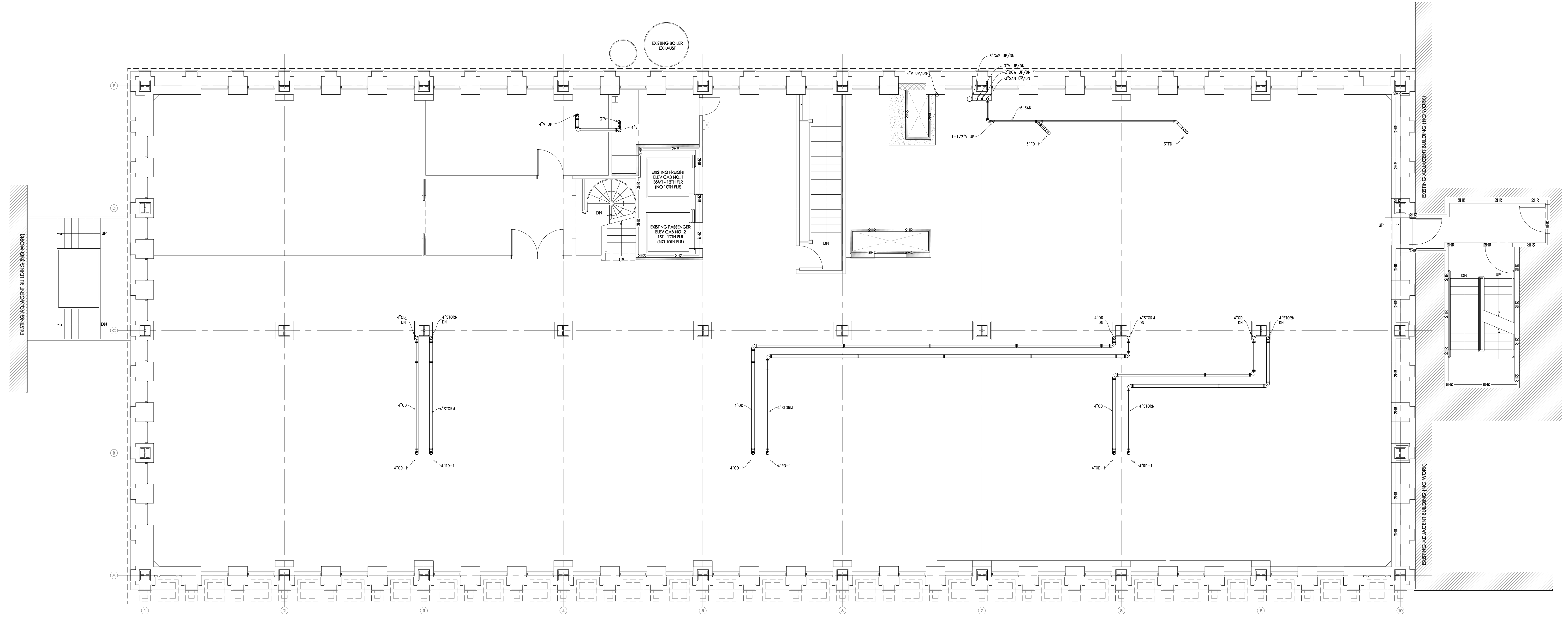
Project Title:
**MERCANTILE LIBRARY
 RESIDENTIAL**
 414 WALNUT STREET
 CINCINNATI, OHIO 45202

PLUMBING
 12TH FLOOR
 SANITARY & VENT

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| DESIGN: HAS | REV: - |
| PROJ. MGR: FP | JOB #: 2022.01.235 |
| CHECKED BY: F.PALLY | DATE: 11-29-22 |
| SIGNED OFF: F.PALLY | DATE: 11-29-22 |

P112

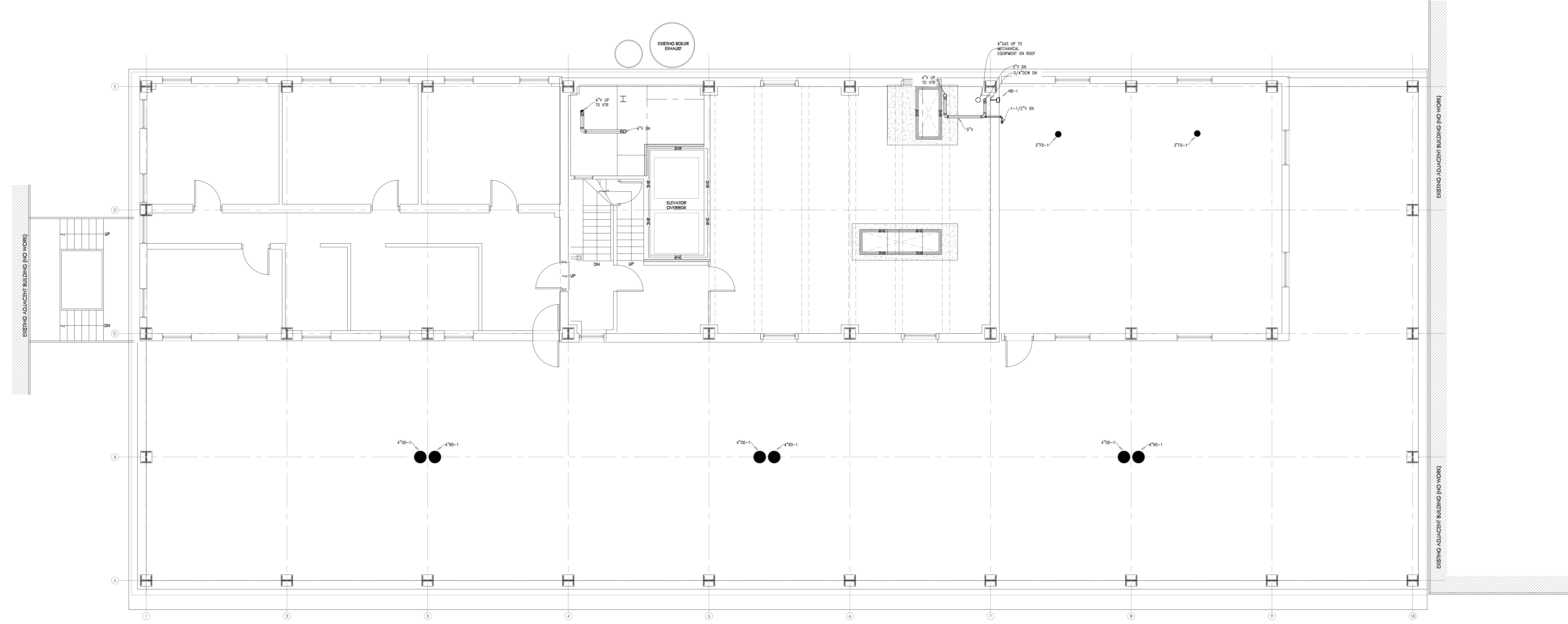
COORDINATION 35/0



PLUMBING TWELFTH FLOOR PLAN

SCALE: 3/16"=1'-0"

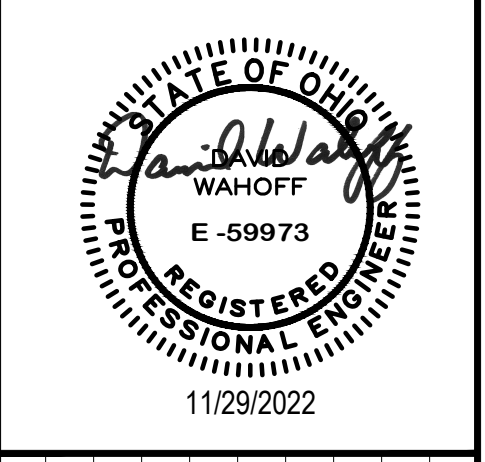
C:\ENGINEERING\MERCANTILE\MERCANTILE LIBRARY RESIDENTIAL 2022.01.23\22 PLUMBING CD DRAWINGS\P113 - ARCH 1st Issue E1 (10.00 x 42.00 inches) | 1/28/2022 2:48 PM



PLUMBING THIRTEENTH FLOOR PLAN
SCALE: 3/16"=1'-0"

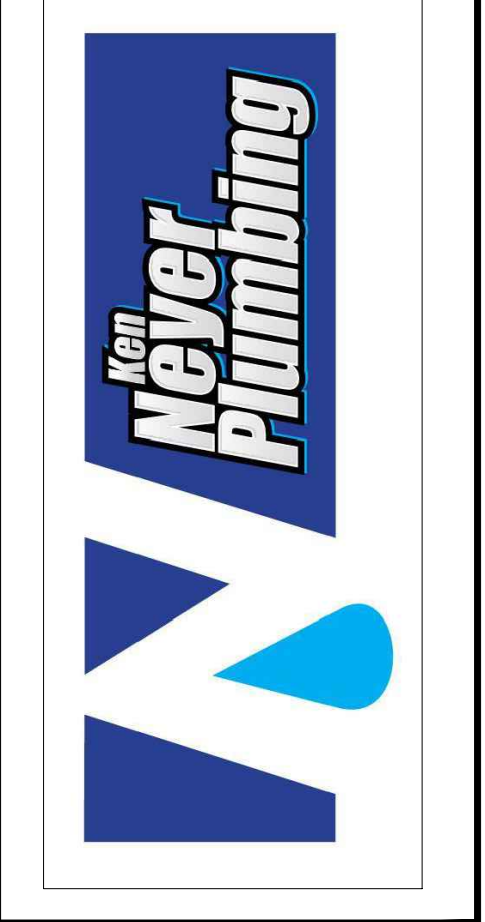
LEGEND/ABBREVIATIONS
BI=BOTTOM OF INSULATION
IE=BOTTOM OF INSIDE OF PIPE (SLOPED PIPE)
TT=TOP OF TRAPEZE

KEYPLAN



| DATE | REV | DESCRIPTION |
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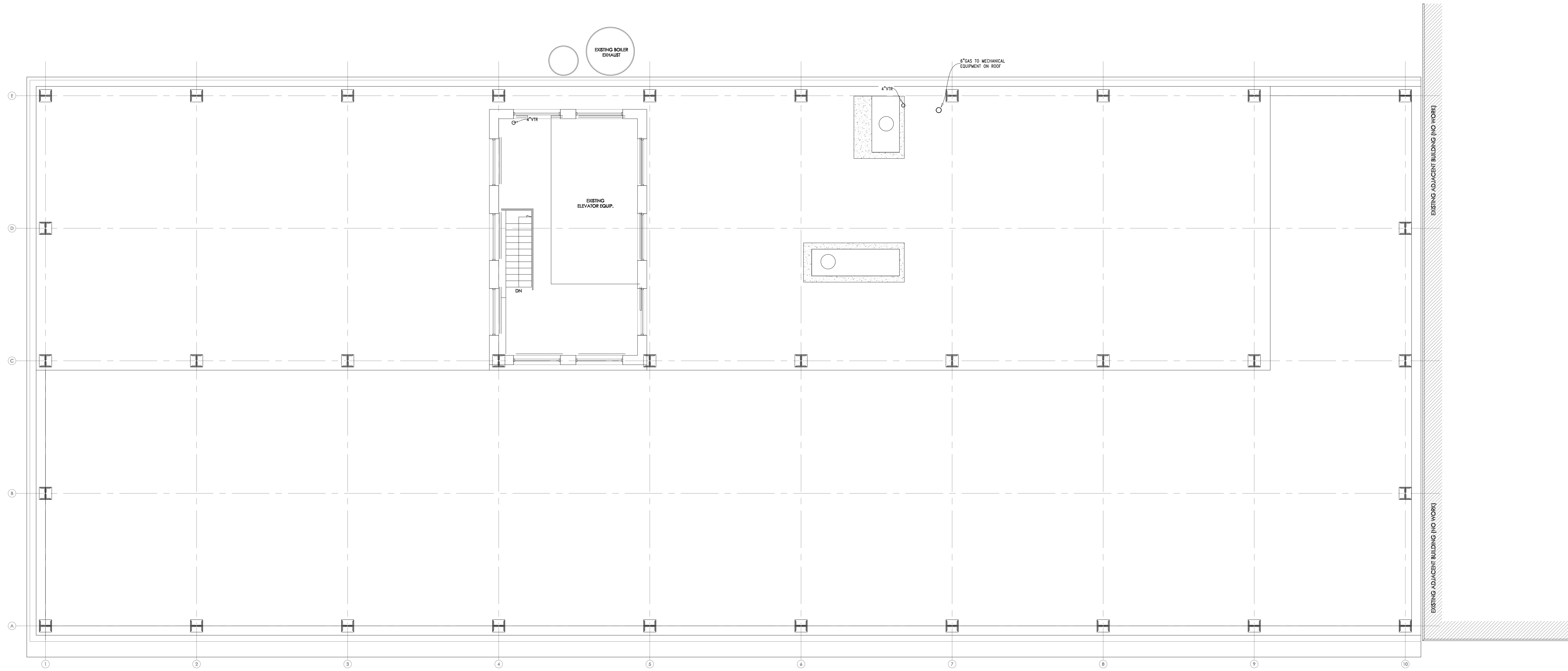
Project Title:
MERCANTILE LIBRARY
RESIDENTIAL
414 WALNUT STREET
CINCINNATI, OHIO 45202

PLUMBING
13TH FLOOR
SANITARY & VENT

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| DESIGNER: HAS | REV. DATE: - |
| PROJ. MGR: FP | JOB #: 2022.01.235 |
| CHECKED BY: F.PALLY | DATE: 11-29-22 |
| SIGNED OFF: F.PALLY | DATE: 11-29-22 |

P113
COORDINATION 0/0

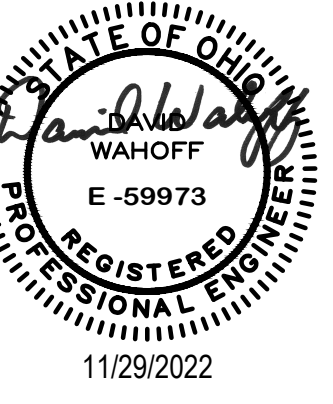
C:\ENGINEERS\MERCANTILE\MERCANTILE LIBRARY RESIDENTIAL 2022.01.23\22 PLUMBING CO DRAWINGS\P114 - ARCH 14th floor E1 (30.00 x 42.00 inches) | 11/29/22 10:17 AM



PLUMBING FOURTEENTH FLOOR PLAN
 SCALE: 3/16"=1'-0"

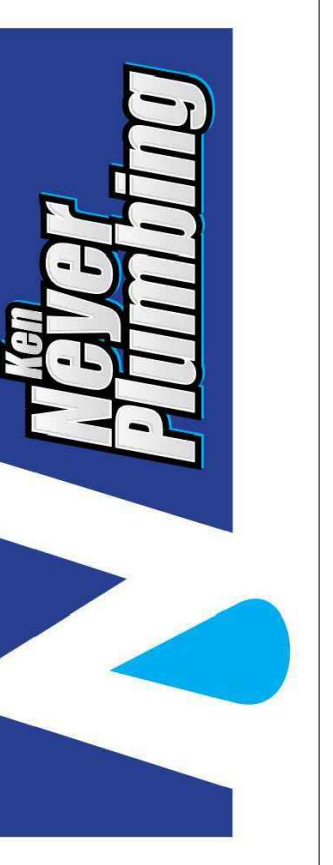
LEGEND/ABBREVIATIONS
 BI=BOTTOM OF INSULATION
 IE=BOTTOM OF INSIDE OF PIPE (SLOPED PIPE)
 TT=TOP OF TRAPEZE

KEYPLAN



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Project Title:
**MERCANTILE LIBRARY
 RESIDENTIAL**
 414 WALNUT STREET
 CINCINNATI, OHIO 45202

PLUMBING
 14TH FLOOR
 SANITARY & VENT

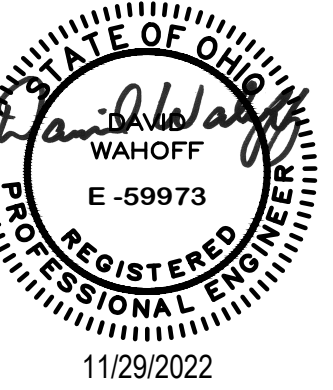
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| PROJ. MGR: FP | JOB #: 2022.01.235 |
| CHECKED BY: F.PALLY | DATE: 11-29-22 |
| SIGNED OFF: F.PALLY | DATE: 11-29-22 |

P114

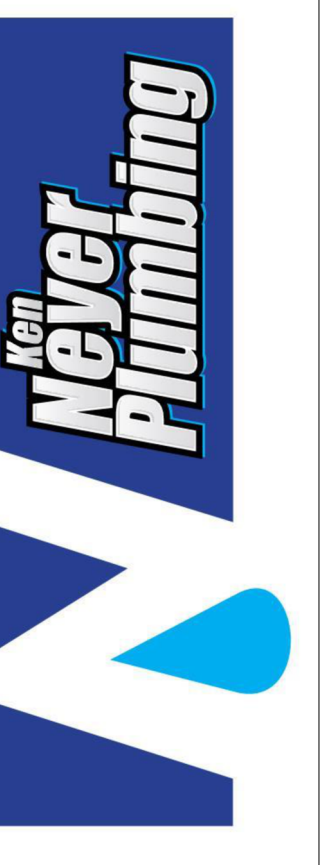
COORDINATION 0/0

LEGEND/ABBREVIATIONS
 BI=BOTTOM OF INSULATION
 IE=BOTTOM OF INSIDE OF PIPE
 (SLOPED PIPE)
 TT=TOP OF TRAPEZE

KEYPLAN



KEN NEYER
 PLUMBING, INC.
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 www.neyerplumbing.com



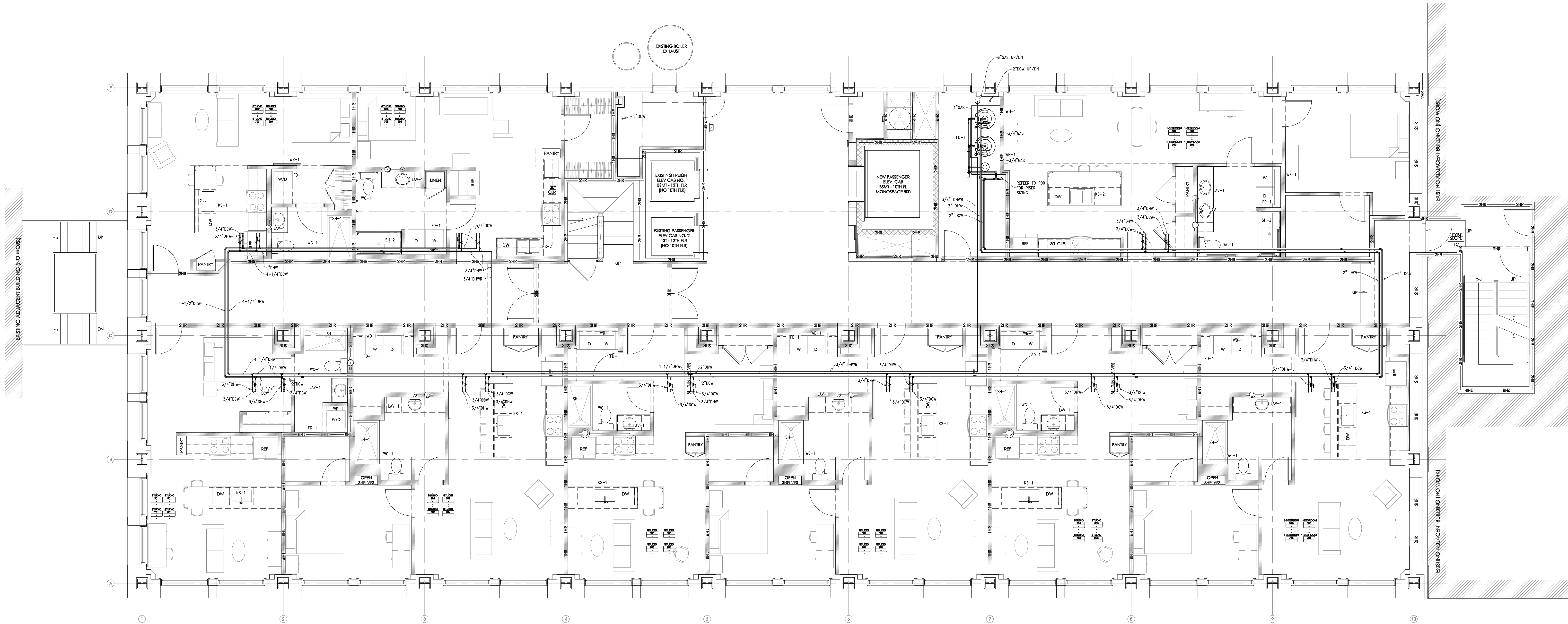
Project Title:
**MERCANTILE LIBRARY
 RESIDENTIAL**
 414 WALNUT STREET
 CINCINNATI, OHIO 45202

PLUMBING
 FLOOR PLANS
 DCW/DHW/DHWR

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| DESIGN: HAS | REF. DWG: - |
| PROJ. MGR: FP | JOB #: 2022.01.235 |
| CHECKED BY: F. PAULLY | DATE: 11-29-22 |
| SIGNED OFF: F. PAULLY | DATE: 11-29-22 |

P203

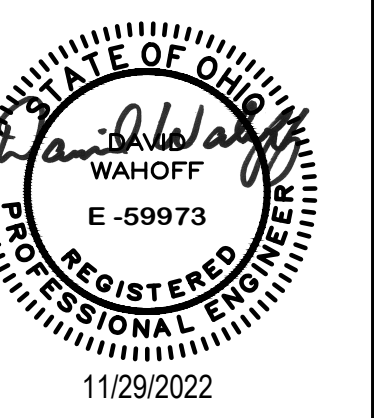
COORDINATION 13/ 0



PLUMBING DCW/DHW/DHWR FLOOR PLANS
 TYPICAL FOR FLOORS 3, 5, 7 AND 9
 SCALE: 3/16" = 1'-0"

LEGEND/ABBREVIATIONS
 BI=BOTTOM OF INSULATION
 IE=BOTTOM OF INSIDE OF PIPE
 (SLOPED PIPE)
 TT=TOP OF TRAPEZE

KEYPLAN



DATE: REV: DESCRIPTION

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 (513) 353-3311
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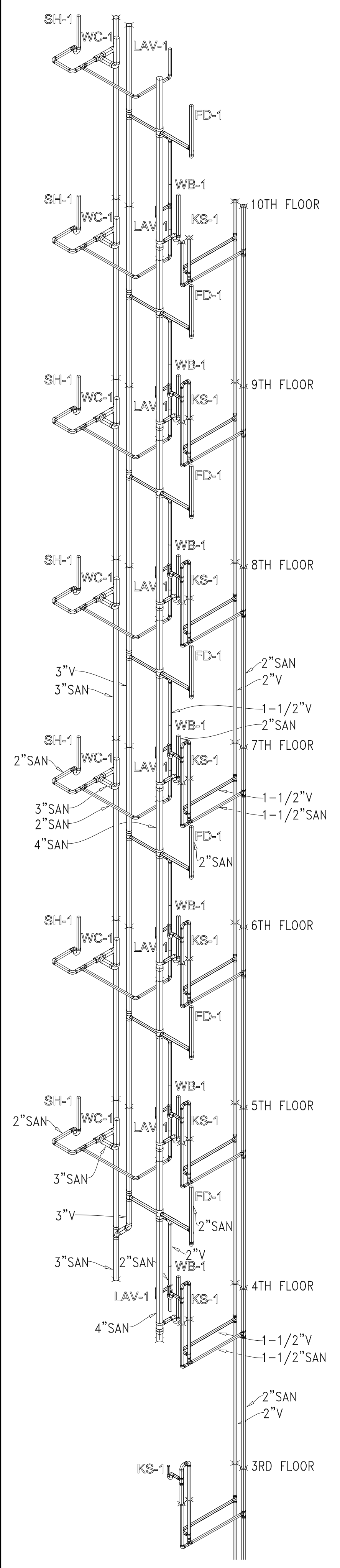
Project Title:
**MERCANTILE LIBRARY
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 414 WALNUT STREET
 CINCINNATI, OHIO 45202

SANITARY ISOMETRICS FLOORS 3-9

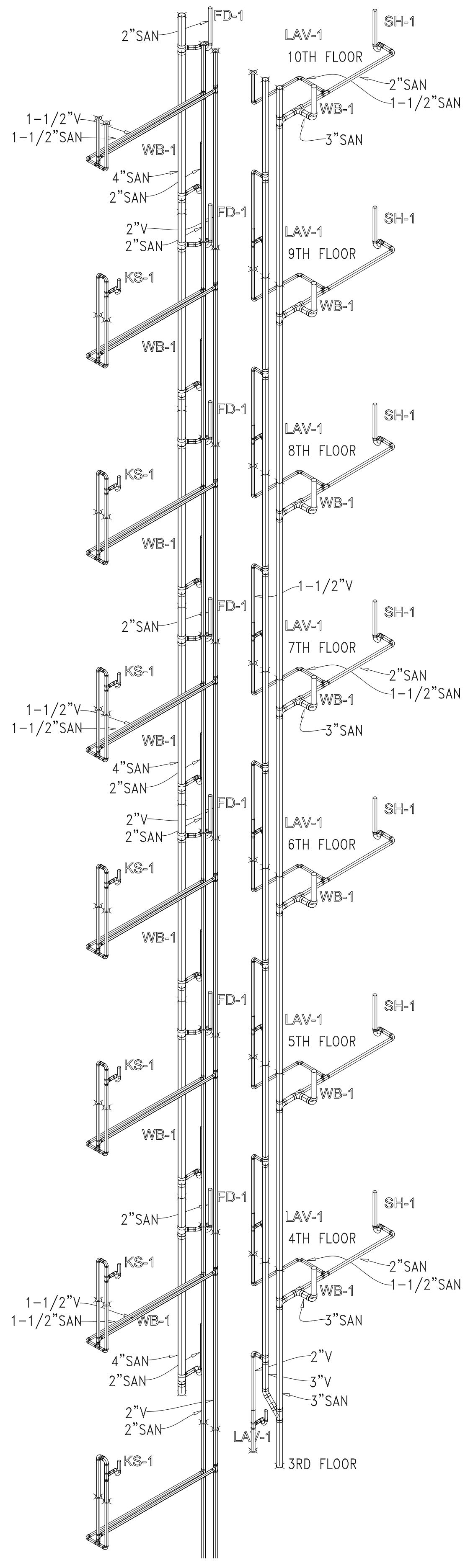
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| PROJ. MGR: FP | JOB #: 2022.01.235 |
| CHECKED BY: F.PALLY | DATE: 11-29-22 |
| SIGNED OFF: F.PALLY | DATE: 11-29-22 |

P300

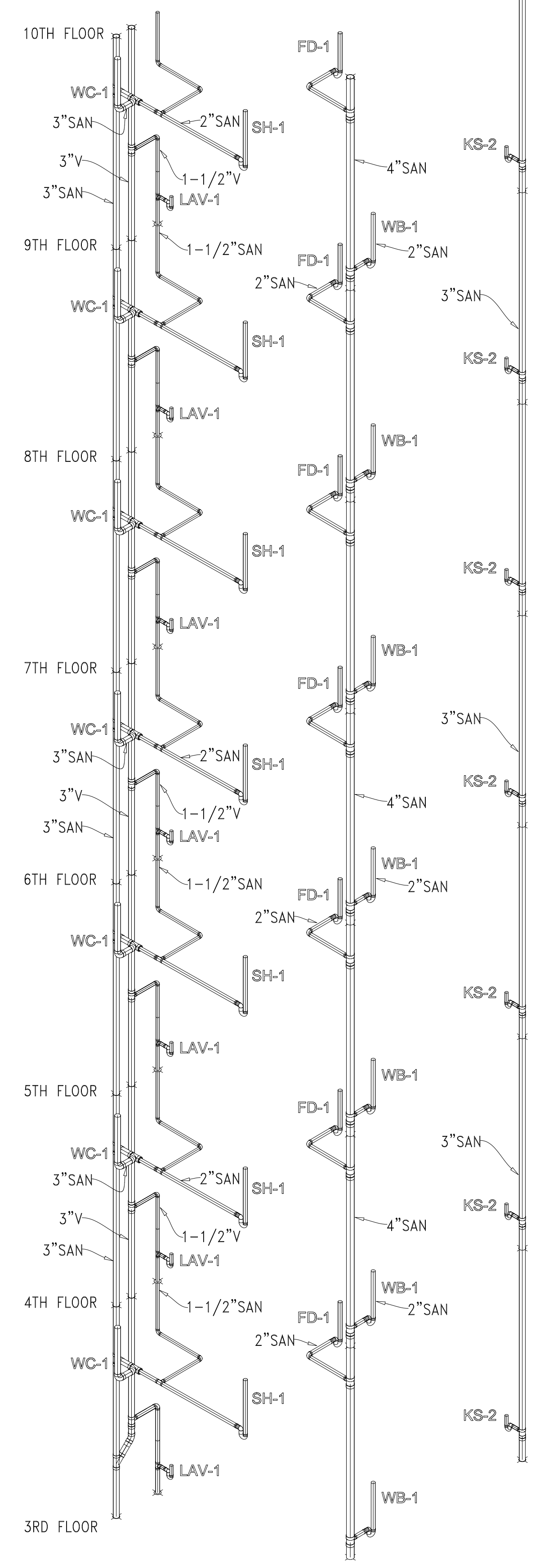
COORDINATION 0



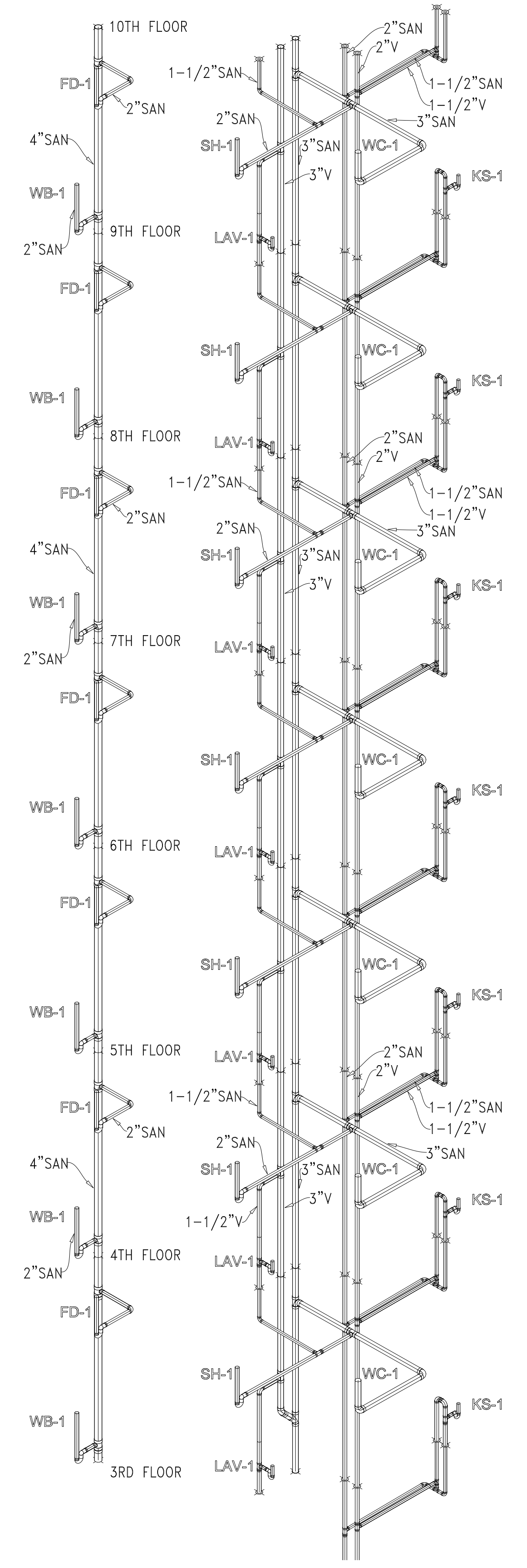
UNITS - 301 THRU 901



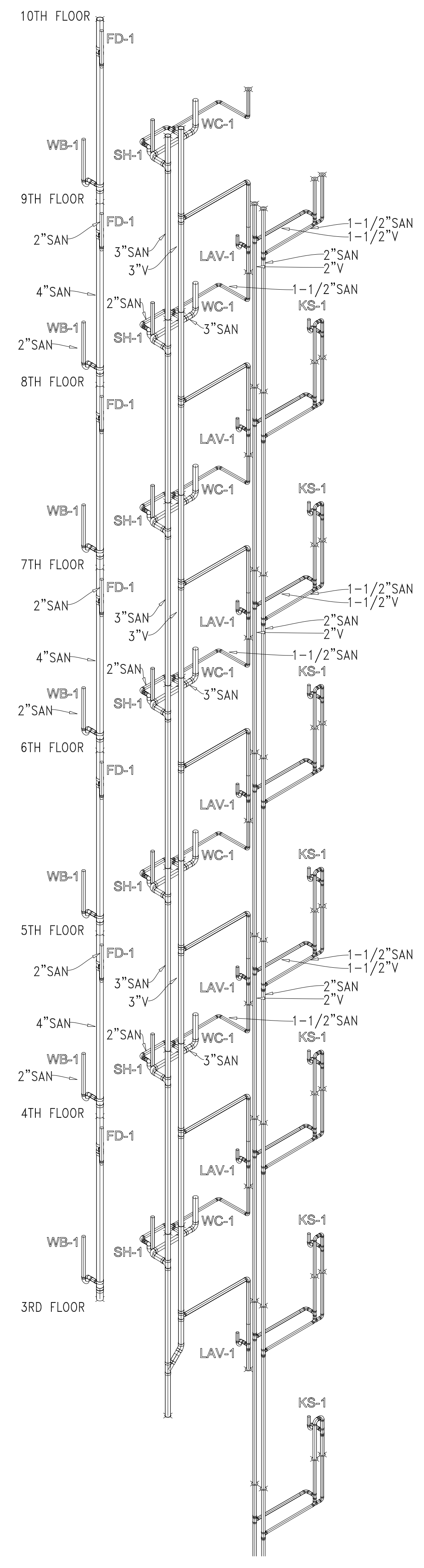
UNITS - 307 THRU 907



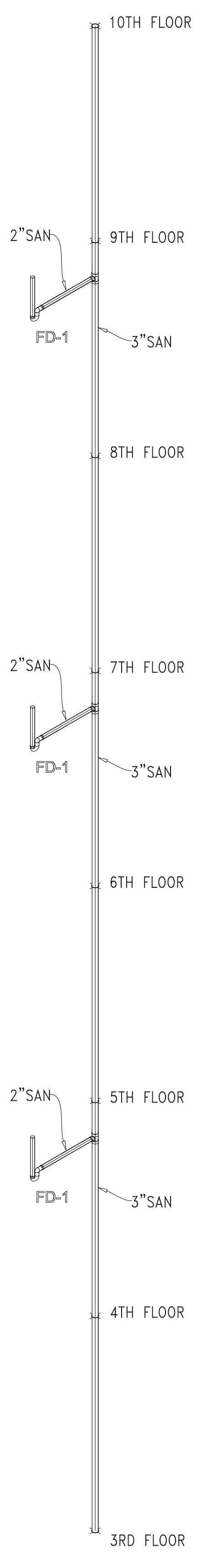
UNITS - 308 THRU 908



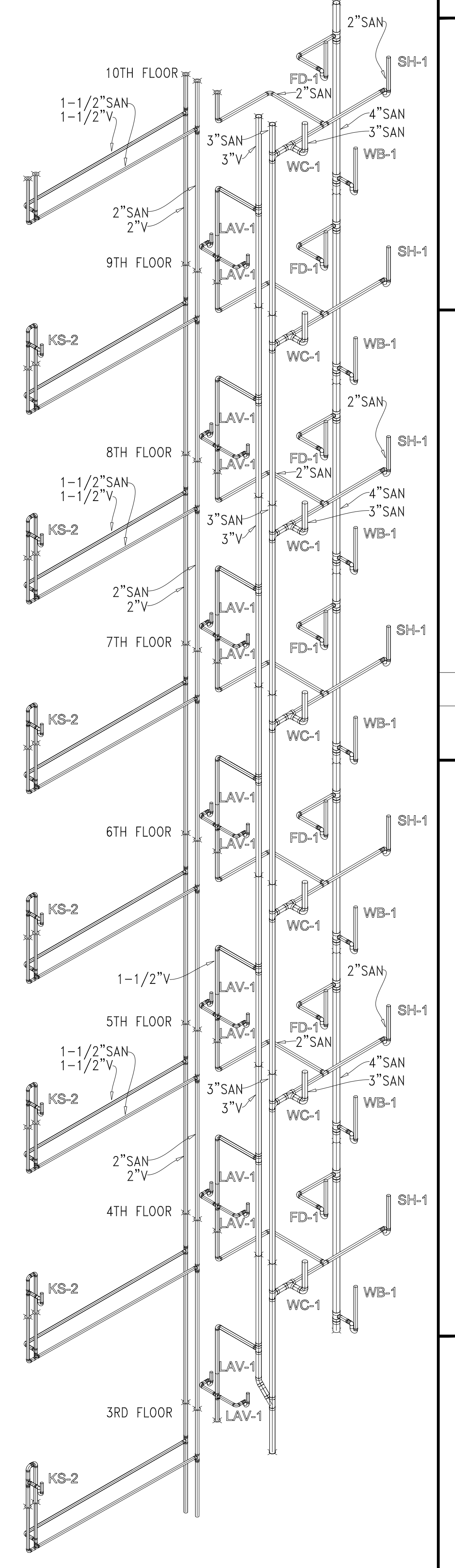
UNITS - 302 THRU 902,
 304 THRU 904,
 306 THRU 906



UNITS - 303 THRU 903
 305 THRU 905



MECH ROOM - 301
 THRU 901



UNITS - 309 THRU 909

SANITARY STACKS
 CONTINUED ON P301 TYP.

SANITARY STACKS
 CONTINUED ON P301 TYP.

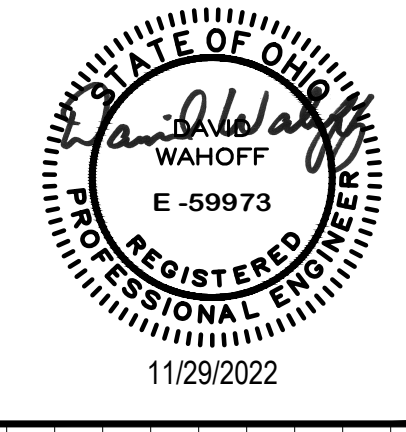
SANITARY STACKS
 CONTINUED ON P301 TYP.

PLUMBING ISOMETRICS FLOORS 3-9
 SCALE: TS

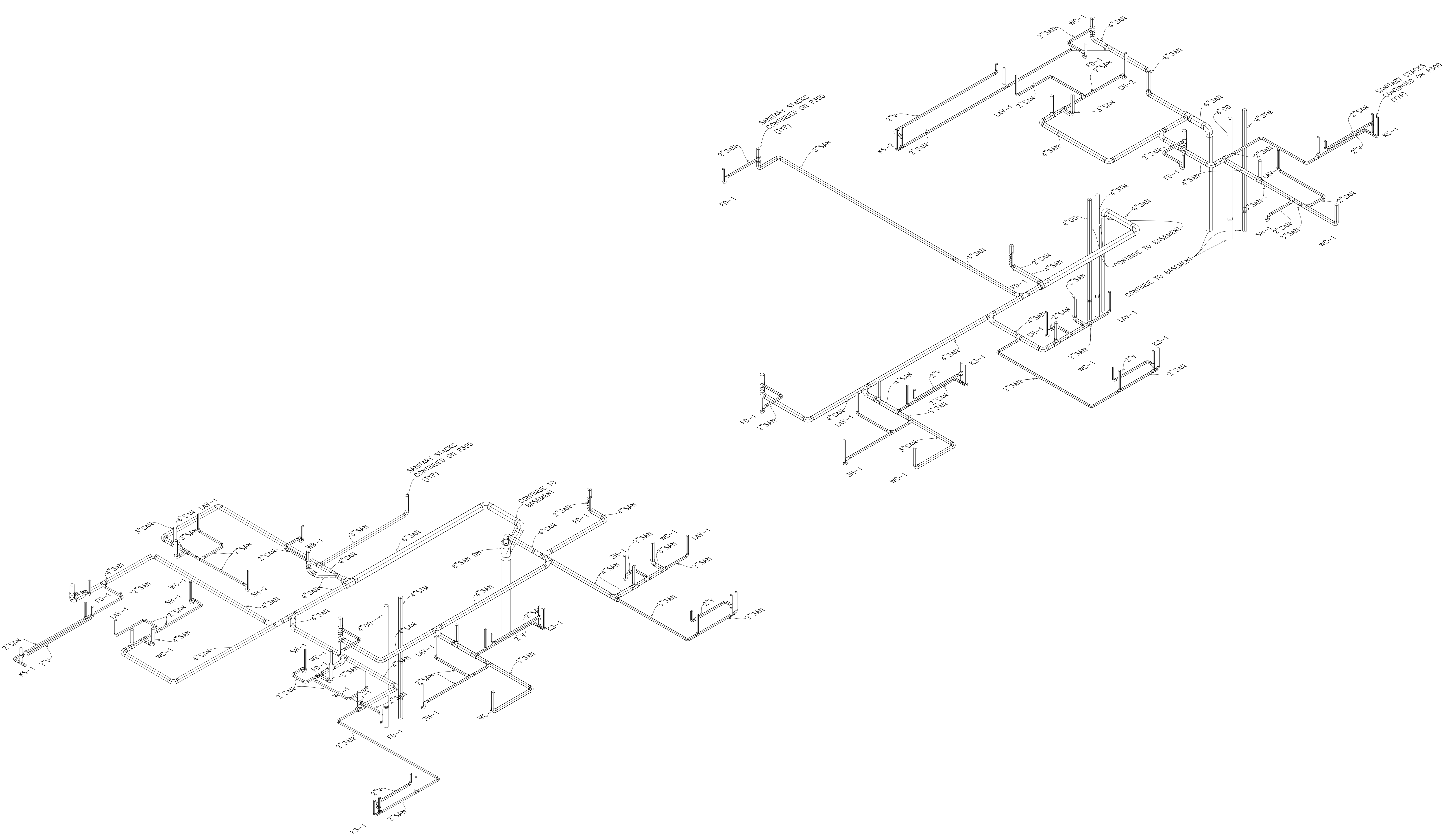
C:\ENCL\ENCL\MERCANTILE LIBRARY RESIDENTIAL_2022.01.235\22 PLUMBING\CD DRAWINGS\P300 - ARCH\111.dwg E1 (10.00 x 42.00 inches) | 11/29/22 10:37 AM

LEGEND/ABBREVIATIONS
BI=BOTTOM OF INSULATION
IE=BOTTOM OF INSIDE OF PIPE (SLOPED PIPE)
TI=TOP OF TRAPEZE

KEYPLAN

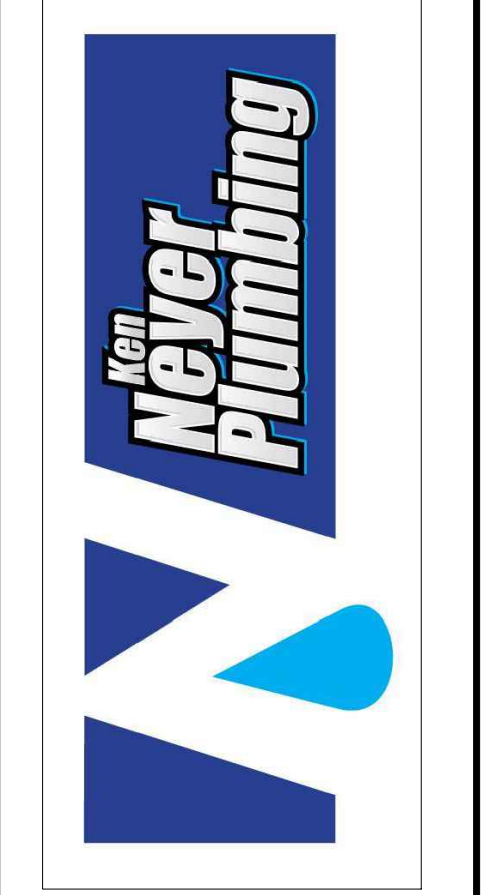


| NO. | DATE | REV. | DESCRIPTION |
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PLUMBING SECOND FLOOR ISOMETRIC
SCALE: NONE

KEN NEYER PLUMBING, INC.
4895 S.R. 128
CLEVES, OHIO 45002
(513) 353-3311
www.neyerplumbing.com



Project Title:
**MERCANTILE LIBRARY
RESIDENTIAL**
414 WALNUT STREET
CINCINNATI, OHIO 45202

PLUMBING
SECOND FLOOR
SANITARY ISOMETRIC

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| DESIGN: | HAS | REV. NO.: | - |
| DRAWN: | FP | JOB #: | 2022.01.235 |
| CHECKED BY: | F PAULLY | DATE: | 11-29-22 |
| SIGNED OFF: | F PAULLY | DATE: | 11-29-22 |

P301

COORDINATION: _____ REV: 0

GENERAL STRUCTURAL NOTES

COPIES OF PUBLICATIONS REFERENCED IN THESE GENERAL STRUCTURAL NOTES ARE AVAILABLE FOR REVIEW AT ADVANTAGE GROUP ENGINEERS, INC. CONTRACTORS SHOULD BE FAMILIAR WITH THESE PUBLICATIONS MUST REVIEW THEM PRIOR TO CONSTRUCTION.

GOVERNING CODE

OHIO BUILDING CODE - 2011, BASED ON 2015 IBC

CLASSIFICATION OF BUILDING STRUCTURE:
RISK CATEGORY II, TABLE 1604.5

DESIGN LOADS

- ROOF LOAD:
 - MINIMUM LIVE LOAD OR SNOW LOAD: 20 PSF
 - DEAD LOAD: 0
 - CONCRETE TOPPING/SLAB: 75 PSF
 - CLAY TILE MASONRY: AS PER 20 PSF
 - E STEEL FRAMING: 2 PSF
 - MISC DEAD LOAD: 13 PSF
- MINIMUM LIVE / SNOW LOAD GOVERNED BY MINIMUM SNOW LOAD, P_s = 1.1 * P_f

2. SNOW LOAD:

- GROUND SNOW LOAD, P_s = 20 PSF
- FLAT ROOF SNOW LOAD, P_f = 1.4 P_s MODIFIED BY APPLICABLE BUILDING COEFFICIENTS.
- MINIMUM ROOF SNOW LOAD, P_r = 20 PSF
- SNOW LOAD IMPORTANCE FACTOR, I = 1.0
- E SNOW EXPOSURE FACTOR, C_e = 1.00
- THERMAL FACTOR, C_t = 1.0
- COORDINATE ROOF FRAMING WITH FINAL SELECTION OF ROOF SUPPORTED MECHANICAL EQUIPMENT AND ASSOCIATED OPENINGS. ITEMS TO BE COORDINATED INCLUDE SIZE, LOCATION, TOTAL WEIGHT, WEIGHT DISTRIBUTION, AND SUPPORT FRAME REQUIREMENTS.
- FLOOR LOAD:
 - LIVE LOAD:
 - ASSEMBLY COMMERCIAL ROOMS: 100 PSF
 - RESIDENTIAL (PRIVATE ROOMS): 40 PSF
 - RESIDENTIAL (PUBLIC ROOMS): 100 PSF
 - DEAD LOAD: 15 PSF
 - CONCRETE TOPPING/SLAB: 75 PSF
 - CLAY TILE MASONRY: AS PER 20 PSF
 - H STEEL FRAMING: 2 PSF
 - MISC DEAD LOAD: 13 PSF
 - WIND LOAD:

- MIN WIND FORCE RESISTING SYSTEM: 115 MPH PER ASCE 7-10 (3-SECOND GUST - LOAD RESISTANCE FACTORED DESIGN)
- WIND EXPOSURE: B
- BASIC WIND VELOCITY PRESSURE, q_s = 33 PSF
- INTERNAL GUST PRESSURE COEFFICIENT, gc_f = 0.18 (ENCLOSED BUILDING)

5. SPECIAL LOADS:

- INTERIOR FINISH 5 PSF HORIZONTAL LOAD
- IMPACT
- ELEVATORS PER SECTION 1607.1.1

- SPECIAL INSPECTION REQUIREMENTS PER SECTION 1704. SEE CONSTRUCTION SPECIFICATIONS AND OR SPECIAL INSPECTION BOOKLET ADDENDUM REQUIREMENTS.
- SPECIAL INSPECTION REQUIREMENTS PER SECTION 1704. SEE CONSTRUCTION SPECIFICATIONS AND OR SPECIAL INSPECTION BOOKLET ADDENDUM REQUIREMENTS.

SPECIAL INSPECTIONS

PER THE REQUIREMENTS OF CHAPTER 1 SECTION 1704.1 OF THE REFERENCED BUILDING CODE, SPECIAL INSPECTION IS REQUIRED FOR THE PROPOSED BUILDING CONSTRUCTION. SPECIAL INSPECTION INVOLVES THE VERIFICATION OF COMPLIANCE WITH MATERIALS, INSTALLATION, FABRICATION, ERECTION AND OR PLACEMENT OF COMPONENTS WITH THE OFFICIAL SET OF CONSTRUCTION DOCUMENTS AND REFERENCED STANDARDS. SPECIAL INSPECTION IS PART OF THE PERMIT APPLICATION PROCESS FUNDED BY THE OWNER OR OWNER'S AGENT.

A STATEMENT OF SPECIAL INSPECTION LISTING THE REQUIREMENTS ALONG WITH A SCHEDULE OF TESTING, SUBMITTAL, REVIEWS, AND FIELD OBSERVATION REQUIREMENTS HAS BEEN PREPARED BY THE STRUCTURAL ENGINEER OF RECORD IN ACCORDANCE WITH SECTION 105.1 OF THE BUILDING CODE. THIS STATEMENT INCLUDES A COMPLETE LIST OF MATERIAL AND ACTIVITY REQUIRING INSPECTION, IT IS THE RESPONSIBILITY OF ALL PARTIES TO BECOME FAMILIAR WITH THE REQUIREMENTS AND UNDERSTAND THE GUIDELINES AND REQUIREMENTS OF EACH PARTY INVOLVED WITH THE CONSTRUCTION. A COPY OF THE STATEMENT OF SPECIAL INSPECTION IS AVAILABLE UPON REQUEST. THE SPECIAL INSPECTOR/COORDINATOR SHALL COORDINATE WITH THE OWNER, CONTRACTOR AND THE DESIGN PROFESSIONALS AND SCHEDULE THE INSPECTIONS ACCORDINGLY.

SUBSTITUTIONS, SUBMITTALS, AND RFI'S

1. CONTRACTOR SHALL SUBMIT ALL SUBSTITUTIONS FOR APPROVAL PRIOR TO CONSTRUCTION WITH THE FOLLOWING INFORMATION:

- THE SCOPE, EXTENT, AND ALL LOCATIONS EFFECTED BY THE PROPOSED SUBSTITUTION.
- SPECIFIC DRAWING OR SPECIFICATION REFERENCES FOR THE ORIGINAL PRODUCT OR SYSTEM (SPECIFIED).
- THE REASON FOR THE PROPOSED CHANGE.
- COST SAVINGS AND/OR IMPACT ON SCHEDULE.
- IMPACT ON ANY WARRANTIES OR WARRANTIES ASSOCIATED WITH THE PRODUCT OR SYSTEM.
- COORDINATION REQUIRED WITH OTHER TRADES OR ADJACENT MATERIALS.
- ANY AND ALL DEVIATIONS FROM THE SPECIFIED REQUIREMENTS.

2. SHOP DRAWINGS SUBMITTALS SHALL BE SUBMITTED BY THE GENERAL CONTRACTOR IN A TIMELY MANNER TO PROVIDE AN ADEQUATE ANCHOR TO THE REVIEW.

- ALL SUBMITTALS MUST BE REVIEWED BY THE GENERAL CONTRACTOR PRIOR TO SUBMITTING FOR REVIEW. ANY SHOP DRAWINGS RECEIVED THAT DO NOT BEAR THE STAMP OF THE GENERAL CONTRACTOR AS WELL AS CLEAR EVIDENCE THAT THE SUBMITTAL HAS BEEN REVIEWED WILL BE REJECTED WITHOUT REVIEW.
- REVIEW BY STRUCTURAL ENGINEER OF RECORD WILL BE FOR GENERAL COMPLIANCE WITH THE CONTRACT DOCUMENTS AND CONFORMANCE WITH THE DESIGN CONCEPT. THIS REVIEW DOES NOT IN ANYWAY RELIEVE THE CONTRACTOR AND/OR THE CONTRACTOR'S SUBCONTRACTORS FROM RESPONSIBILITY FOR ERRORS OR OMISSIONS OR THE VIOLATION OF THE CONTRACT REQUIREMENTS. THE CONTRACTOR IS RESPONSIBLE FOR ALL DIMENSIONS, PROPER FIT, QUALITIES OF THE MATERIALS, AND COORDINATION WITH OTHER TRADES AND SUPPLIERS.

- 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.

- THE CONTRACTOR MUST USE DUE DILIGENCE IN ATTEMPTING TO FIND ANY ANSWER PRIOR TO SUBMITTING AN RFI.
- IF THE INFORMATION REQUESTED IN AN RFI IS APPARENT FROM FIELD OBSERVATION, IS CONTAINED IN THE CONSTRUCTION DOCUMENTS, OR IS REASONABLY INFERRABLE 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

- ENGINEER SHALL NOT BE RESPONSIBLE FOR THE MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES OF CONSTRUCTION SELECTED BY CONTRACTOR.
- 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.
- CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. SHOULD ANY DISCREPANCY BE FOUND, CONTRACTOR SHALL NOTIFY ARCHITECT/ENGINEER IMMEDIATELY OF THE CONDITION.
- 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.

FOUNDATIONS

- SOL CONDITIONS:
 - PER THE CLIENT'S REQUEST, THE FOUNDATION DESIGN AND GENERAL FOUNDATION NOTES ARE BASED ON THE ASSUMPTION OF FAVORABLE SOIL CONDITIONS. THE CONTRACTOR SHALL RETAIN A GEOTECHNICAL ENGINEER TO VERIFY DESIGN ASSUMPTIONS PRIOR TO FOUNDATION INSTALLATION. THE COST FOR THE GEOTECHNICAL ENGINEER SHALL BE IDENTIFIED AS A SEPARATE ITEM ON THE CONTRACTOR'S BID. THE CONTRACTOR SHALL SUBMIT COPIES OF THE GEOTECHNICAL ENGINEERS REPORT TO ADVANTAGE GROUP ENGINEERS.
 - BOTTOM OF FOUNDATION ELEVATION INDICATED ARE FOR BIDDING PURPOSES AND MAY BE LOWER TO SUIT SUB-SURFACE SOIL CONDITION. BEARING STRATA SHALL BE IDENTIFIED BY A GEOTECHNICAL ENGINEER PRIOR TO PLACING CONCRETE. PROVIDE ENGINEERED FILL OR FLOWABLE FILL CONCRETE (SFO) PILED FOUNDATIONS AT SLOTTED AND/OR EXTENDING EXCAVATION TO ADEQUATE BEARING MATERIAL. INSTALL FOUNDATIONS AT DESIGNED ELEVATIONS.
- FOOTINGS AND GRADE BEAMS MAY BE PLACED WITHOUT SIDE FORMS IF EXCAVATED WALLS STAND APPROXIMATELY VERTICAL.
- 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 CAPACITY OF 2000 PSF BELOW SPREAD FOOTINGS.
- CONTRACTOR SHALL CONTACT UTILITY COMPANIES FOR LOCATING UNDERGROUND SERVICES AND IS RESPONSIBLE FOR THEIR PROTECTION AND SUPPORT.
- COMPACTION:
 - ALL FILL MATERIALS SHALL BE APPROVED BY A GEOTECHNICAL CONSULTANT.
 - ENGINEERED FILL BENEATH FOOTINGS: MINIMUM COMPACTION 98% STANDARD PROCTOR DENSITY AT THE OPTIMUM MOISTURE CONTENT.
- ALL AREAS WITHIN THE FOOTPRINT OF THE BUILDING, INCLUDING UTILITY TRENCHES, MUST BE FREE OF ANY AND/OR SOFT AREAS PRIOR TO PLACEMENT OF FILL MATERIAL OR SLAB.

CONCRETE

- CONCRETE WORK AND TESTING SHALL CONFORM TO ALL REQUIREMENTS OF ACI 301 - "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS" EXCEPT AS MODIFIED BY THE SUPPLEMENTARY 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 308 "COLD WEATHER CONCRETING".
- CONCRETE WORK IN HOT WEATHER SHALL CONFORM TO ALL REQUIREMENTS OF ACI 308 "HOT WEATHER CONCRETING". THE AIR TEMPERATURE, RELATIVE HUMIDITY, CONCRETE TEMPERATURE, AND WIND VELOCITY SHALL BE ENTERED INTO THE NOMOGRAPH OF THIS REFERENCE TO DETERMINE IF PRECAUTIONS AGAINST PLASTIC SHRINKAGE ARE REQUIRED.
- CONCRETE MIX DESIGNS SHALL BE SUBMITTED FOR EACH TYPE OF CONCRETE TO THE STRUCTURAL ENGINEER FOR APPROVAL IN ACCORDANCE WITH ACI 301 SECTION 4.2.3.4 FIELD TEST DATA OR TRIAL MIXTURES.
- SUBMIT SHOP DRAWINGS OF REINFORCING STEEL.
 - REINFORCING STEEL ASTM A514 OR ASTM 996 (AXLE ONLY) 60KSI YIELD DEFORMED BARS AND ASTM A106 MESH FLAT SHEETS ONLY.
 - FLY ASH: ASTM C618, TYPE F OR C. FLY ASH TO-TOTAL CEMENTITIOUS RATIO SHALL NOT EXCEED 25% MAXIMUM.
 - 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 (HWR) ADMIXTURE: ASTM C494.
 - CHLORIDE CONTENT OF CONCRETE: LIMIT TOTAL CHLORIDE ON CONTENT TO AMOUNT INDICATED IN TABLE 2.2.6 OF ACI 318. ADMIXTURES CONTAINING CHLORIDE ARE NOT PERMITTED IN REINFORCED CONCRETE OR CONCRETE CONTAINING METALS.
- CONCRETE MIX SCHEDULE.

| Application | f _c @ 28 days (psi) | Air Content (%) | Max agg. size (in) | Max. w/c ratio | F | S | Class | W | C | Class |
|------------------------------|--------------------------------|-----------------|--------------------|----------------|----|----|-------|----|----|-------|
| Footings & Drilled Piers | 3000 | N/A | 0.55 | 3/4" | F0 | S0 | SV | W0 | C0 | |
| Foundation Walls | 4000 | 1.5% | 0.45 | 3/4" | F2 | S0 | SV1 | W1 | C1 | |
| Interior Floor Slab on Grade | 4000 | N/A | 0.5 | 3/4" | F0 | S0 | SV0 | W0 | C0 | |
| Elevated Slab (Interior) | 4000 | N/A | 0.5 | 3/4" | F0 | S0 | SV0 | W0 | C0 | |

- [1] - Where 3/8" maximum aggregate is preferred, adjust air entrainment to 7.5% ± 1.5% (if required).
- [2] - Where air entrainment is not required by design, the contractor/supplier may choose to include air entrainment to improve placement or finish characteristics. Air entrainment is not permitted in normal weight concrete to receive a hard trowel finish and entrapped air shall not exceed 3%.
- [3] - f_c = 1000 psi @ 3 days.

- SLUMP SHALL BE MEASURED PRIOR TO THE ADDITION OF HWR.
- ALL REINFORCING BARS, EMBEDS, AND ANCHOR RODS SHALL BE PLACED WITHIN THE REQUIRED TOLERANCES AND SUPPORTED TO PREVENT DISPLACEMENT DURING CONCRETE PLACEMENT. WORKING REINFORCING BARS, EMBEDS, AND ANCHOR RODS NOT WELDED (KNOWN AS 'WET STICKING') IS PROHIBITED. IF NECESSARY, CONTRACTOR MAY PROVIDE ADDITIONAL REINFORCING BARS TO SECURELY TIE REINFORCING BARS, EMBEDS, AND ANCHOR RODS.
- MIN LAP SPICE REINFORCING BARS AS BAR DIAMETERS UNLESS NOTED OTHERWISE.
- MIN BAR CLEARANCES BETWEEN ADJACENT BARS AND FORMWORK SHALL BE AS NOTED ON THE DRAWINGS OR A MINIMUM AS PER ACI REQUIREMENTS.

- AT 90 DEGREES AND INTERSECTIONS OF FOOTINGS, WALLS, AND GRADE BEAMS, PROVIDE BENT BARS OF EQUAL SIZE AND AT SAME SPACING AS TYPICAL REINFORCING AROUND CORNERS AND INTO AN ABUTTING WALL OR GRADE BEAM. BARS SHALL HAVE EMBEDMENT OF 30 BAR DIAMETERS (18" MINIMUM).
- 1.3 MACHINE TROWEL FINISH FLOOR SLAB AND CURE USING A METHOD RECOMMENDED BY ACI 302.1R (GUIDE FOR CONCRETE FLOOR AND SLAB CONSTRUCTION INCLUDING WATER CURING, WET GUNNING, AND SEALING). IMPROVISED SHEETING OR APPLICATION OF 'CURE AND SEAL' TYPE CURING COMPOUND MEETING ASTM C1315 FOR APPLICATIONS EXPOSED TO SUNLIGHT USE CLASS A (NON-YELLOWING) CURING COMPOUND. COORDINATE CURING METHOD WITH ARCHITECTURAL FLOOR FINISHES THAT REQUIRE ADHESION. THE SLAB (S) AS TO INSURE PROPER BOND.

- FLOOR SLAB ON-GRADE SHALL CONFORM TO THE FOLLOWING SURFACE PROFILE TOLERANCES PER ASTM E-1155 AND ACI 117:
 - FLATNESS (F) (LEVELNESS)
 - SPECIFIED OVERALL VALUE: 25 / 20
 - MINIMUM LOCAL VALUE: 15 / 13
 - MAXIMUM RIP (UNDER 10 FT UNLEVELLED STRAIGHTEDGE): 14"

- SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR VAPOR BARRIER REQUIREMENTS. VAPOR BARRIER, WHERE REQUIRED, SHALL BE PLACED OVER COMPACTED GRANULAR SUBBASE.
 - INTERIOR FINISH 5 PSF HORIZONTAL LOAD
 - IMPACT
 - ELEVATORS PER SECTION 1607.1.1

- SPECIAL INSPECTION REQUIREMENTS PER SECTION 1704. SEE CONSTRUCTION SPECIFICATIONS AND OR SPECIAL INSPECTION BOOKLET ADDENDUM REQUIREMENTS.
- REINFORCE ALL INTERIOR SLABS ON GROUND WITH 06-W/2.8W/2.9 (42#) MESH. LOCATE MESH 2" CLEAR BELOW TOP OF SLAB.

- REINFORCE ALL CONCRETE SLABS SUPPORTED ON METAL FORM DECK WITH 06-W/2.8W/2.9 (42#) MESH. LOCATE MESH AT CENTER OF DEPTH OF CONCRETE THICKNESS ABOVE METAL DECK FOR SLABS UP TO 3" THICK. FOR SLABS GREATER THAN 3" THICK, DRAPE MESH OVER SUPPORTS TO 3/4" CLEAR FROM THE TOP OF SLAB.

- PROVIDE 6" W/2" LONG FABRIC MINIMUM 1" FULL SLAB PLUS 2"

- DO NOT BACKFILL AGAINST BASEMENT FOUNDATION WALLS UNTIL ADJACENT FLOOR STRUCTURE AND CONCRETE/GRADING IS IN PLACE TO BRACE THE TOP OF THE WALL.

- 2.22 CAST IN CONTINUOUS UNIDIRECTIONAL ANCHOR BLOTS ON VERTICAL SURFACES WHERE MASONRY ABUTS. 24" ON CENTER FOR PARALLEL SURFACES AND AT CENTERLINE OF MASONRY FOR PERPENDICULAR SURFACES.

- FINISH OF CONCRETE HANDICAP RAMPS TO CONFORM TO THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT (ADA). COORDINATE LOCATION AND PATTERN WITH ARCHITECTURAL DRAWINGS.

- CONTROL JOINTS IN SLABS ON GROUND SHALL BE LOCATED AT 12'-0" MAXIMUM SPACING AND SHALL CREATE SECTIONS OF SLAB WITH A MAXIMUM ASPECT RATIO OF 12 TO 1. CONTROL JOINTS SHALL BE SAWS AND SHALL BE A MINIMUM OF 1/4" OF THE SLAB THICKNESS DEEP. THE CONTROL JOINT SHALL BE SAWS AS SOON AS THE SAW BLADE CAN CUT THE CONCRETE WITHOUT DISPLACING THE AGGREGATE. CUT EVERY OTHER MESH WIRE AT THE CONTROL JOINT LOCATION PRIOR TO PLACING CONCRETE. IF AN AGGREGATE CUTTING SAW IS USED, USE A SHALLOWER DEPTH OF THE CUT IS DESIRED. CONTACT THE ENGINEER IN ADVANCE FOR MORE INFO.

- CONSTRUCTION JOINTS IN SLABS ON GROUND MAY BE LOCATED AT ANY CONTROL JOINT LOCATION. CONSTRUCTION JOINTS SHALL HAVE A KEY FORMED AT MID-DEPTH OF THE FIRST CAST SECTION. THE KEY SHALL BE 1" DEEP AND SHALL BE 1/2" OF THE SLAB THICKNESS HIGH. THE TOP AND BOTTOM OF THE KEY SHALL HAVE 1" VERTICAL TO 3" HORIZONTAL SLOPE.

- FIELD CONTROL AND CONSTRUCTION JOINTS IN TRAFFIC AREAS WITH SEMI-RIGID EPOXY JOINT FILLER WITH A DUREMETER SHORE A SCALE HARDNESS NUMBER OF APPROXIMATELY 80. FILL CONTROL AND CONSTRUCTION JOINTS IN NON-TRAFFIC AREAS WITH ELASTOMERIC SEALANT. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

- PROVIDE 3/4" CHAMFER AT CORNERS OF EXPOSED CONCRETE.

- WHERE BRITTLE FLOOR FINISHES ARE TO BE APPLIED TO FLOOR SLABS, COORDINATE CONTROL JOINT LOCATIONS WITH FLOOR FINISH JOINT LOCATIONS AND ARCHITECT.

EXPANSION AND EPOXY ADHESIVE ANCHORS

- EPOXY ADHESIVE ANCHORS:
 - EPOXY ADHESIVE SHALL BE HIT RE 500 V3 OR HIT HY 200 V3 (CONCRETE) OR HIT HY 270 (MASONRY) ADHESIVE MANUFACTURED BY THE HILTI COMPANY. INSTALL PER MANUFACTURER'S RECOMMENDATIONS. SUBSTITUTES MAY BE CONSIDERED, SUBMIT MANUFACTURER'S DATA PRIOR TO INSTALLATION.
 - THREADED RODS SHALL BE ASTM A308, SIZES AND EMBEDMENT AS NOTED ON THE DRAWINGS.
 - CONDUCT JOBSITE TRAINING PERSONAL CONTRACTOR'S PERSONNEL INSTALLING THIS PRODUCT FOR SAFE AND PROPER INSTALLATION, HANDLING, AND STORAGE OF THE EPOXY SYSTEM.

MASONRY

- MASONRY CONSTRUCTION AND MATERIALS SHALL CONFORM TO ALL REQUIREMENTS OF "SPECIFICATION FOR MASONRY STRUCTURES (ACI 530.1/ASCE 5/TMS 602) EXCEPT AS MODIFIED BY THE REQUIREMENTS OF THESE CONTRACT DOCUMENTS.
- COMPRESSIVE STRENGTH SHALL BE DETERMINED FOR EACH TYPE OF MASONRY BY THE UNIT STRENGTH METHOD.
 - NET AREA COMPRESSIVE STRENGTH OF CONCRETE MASONRY USED FOR DESIGN: F_m = 2000 PSI AT 28 DAYS
- SUBMITTALS SHALL BE MADE FOR THE FOLLOWING:
 - COLD WEATHER CONSTRUCTION PROCEDURE
 - HOT WEATHER CONSTRUCTION PROCEDURE
 - MANUFACTURERS LITERATURE FOR HORIZONTAL JOINT REINFORCING, REINFORCING STEEL POSITIONERS, MOVEMENT JOINT MATERIALS, TIES AND ANCHORS.
 - SHOP DRAWINGS SHOWING DETAILS OF STEEL REINFORCING, AND LINTELS.
 - MANUFACTURERS CERTIFICATE OF COMPLIANCE FOR SPECIFIED MASONRY UNIT, AND REINFORCING STEEL.
 - PROPORTIONS OF MATERIAL IN ACCORDANCE WITH REFERENCED SPECIFICATIONS OF MORTAR AND GROUT.
- MATERIALS:
 - CONCRETE MASONRY UNITS: ASTM C90 TYPE I ABOVE GRADE; LIGHTWEIGHT AGGREGATE PER ASTM C531 OR NORMAL WEIGHT.
 - MINIMUM UNIT COMPRESSIVE STRENGTH: F_m = 2000 PSI.
 - MORTAR: ASTM C270 TYPE S, F_m = 1800 PSI AT 28 DAYS.
 - PORTLAND CEMENT/TYPE M MORTAR
 - PORTLAND CEMENT: TYPE I AND HYDRATED LIME.
 - MASONRY CEMENT/MORTAR: AT CONTRACTOR'S OPTION.
 - GROUT: ASTM C476, F_c = 2000 PSI, SLUMP 9" TO 10"
 - REINFORCING STEEL: ASTM A618, 60 KSI YIELD.
 - HORIZONTAL JOINT REINFORCING FOR SINGLE WYTHE CONCRETE MASONRY: 9 GAUGE LADDER TYPE, HOT DIPPED GALVANIZED PER ASTM A153 CLASS B. PLACE HORIZONTAL JOINT REINFORCING AT 16" CENTERS VERTICALLY FOR CONCRETE MASONRY. LAP HORIZONTAL JOINT REINFORCING AT MINIMUM HORIZONTAL JOINT REINFORCING SHALL BE DISCONTINUOUS ACROSS MOVEMENT JOINTS.
 - MORTAR PORTIONERS MUST BE ACCURATELY MEASURED PRIOR TO MIXING. ADD CEMENT TO MIX IN FULL BAG QUANTITIES. MEASURE SHALE IN GALLONS WITH VOLUME OF ONE CUBIC FOOT AS OFFERED. MIX NECESSARY TO MAINTAIN CONSISTENT PROPORTIONS AND AT LEAST ONCE DAILY AND EVERY 4 HOURS OF MIXING.
 - MINIMUM VERTICAL REINFORCEMENT REQUIREMENTS FOR ALL MASONRY WALLS.
 - AS A MINIMUM, ALL MASONRY SHALL BE REINFORCED PER SECTION ACI 530.1 14.2.2.1.
 - 8# VERTICAL BARS SHALL BE PLACED AT ALL CORNERS, WITHIN 16 INCHES OF EACH WALL OPENINGS, WITHIN 8 INCHES OF EACH WALL MOVEMENT JOINT AND WITHIN 8 INCHES OF THE END OF THE WALL.
 - HORIZONTAL JOINT REINFORCEMENT SHALL BE SPACED AT 16" MAX. WALL OPENINGS SHALL BE REINFORCED TOP AND BOTTOM OF OPENINGS AND SHALL EXTEND NOT LESS THAN 24 INCHES BEYOND PAST THE ROUGH OPENING.
 - SPACING OF VERTICAL REINFORCEMENT SHALL NOT EXCEED 4'-0".
 - SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS AND SPECIFICATIONS OF FIRE RATED MASONRY.
 - PROVIDE PREFABRICATED "L" AND "T" SHAPED HORIZONTAL JOINT REINFORCING AT WALL INTERSECTIONS. ALTERNATE MESH TIE REINFORCEMENT TO BE SUBMITTED FOR REVIEW/CONSIDERATION PRIOR TO CONSTRUCTION.
 - KEEP AIR SPACE BEHIND VENEER FREE OF MORTAR DROPPINGS.
 - RUNNING BOND PATTERN SHALL BE USED FOR ALL MASONRY WORK UNLESS OTHERWISE NOTED.
 - UNLESS NOTED OTHERWISE ON PLANS, UNDER LINTELS, BEARING PLATES, BEAMS, ETC., FILL CELLS WITH GROUT, 3 COURSES MINIMUM BELOW BEARING.
 - ALL REINFORCING STEEL SHALL BE SUPPORTED AND FASTENED TO APPROVED POSITIONERS LOCATED AT 192 BAR DIAMETERS MAXIMUM SPACING AND WITH A MINIMUM OF TWO POSITIONERS PER GROUT FOUR (ONE NEAR THE BOTTOM AND ONE NEAR THE TOP) TO PREVENT DISPLACEMENT DURING THE PLACEMENT OF GROUT. ALL REINFORCING BARS MUST BE FULLY GROUTED IN PLACE. LIMITS NOT TO EXCEED 80 INCHES.

- #4 BAR: 3/4" MINIMUM LAP
- #6 BAR: 3/4" MINIMUM LAP
- IN DOUBLE REINFORCED CELLS, STAGGER BAR SPLICES ACCORDINGLY SO THAT LAPS DO NOT OCCUR WITHIN THE SAME SECTION ALONG THE HEIGHT OF THE WALL.

STRUCTURAL STEEL

- ALL DETAILING, FABRICATION, AND ERECTION SHALL CONFORM TO AISC SPECIFICATIONS FOR "DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS" AND THE AISC "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES", LATEST EDITION.
- THE CONTRACTOR SHALL SUBMIT AS PART OF THE BIDDING PROCEDURE A UNIT COST FOR MISCELLANEOUS STRUCTURAL STEEL REQUIREMENTS THAT MAY HAVE BEEN OMITTED FROM THE CONSTRUCTION DOCUMENTS. PROVIDE A UNIT COST PER POUND FOR EACH OF THE FOLLOWING HOT ROLLED SECTIONS: WF BEAM, WF COLUMN, HSS, C CHANNELS, L LINTELS (GALVANIZED) AND L LINTELS (PAINTED).
- NO OPENING OR HOLE SHALL BE PLACED IN ANY STRUCTURAL MEMBER OTHER THAN THAT WHICH IS INDICATED ON THE DRAWINGS UNLESS THE LOCATION HAS BEEN APPROVED IN WRITING BY THE STRUCTURAL ENGINEER.
- ALL FLOOR OR ROOF BEAMS SHALL BE FABRICATED WITH THE NATURAL CAMBER UP.
- FIELD CONNECTIONS SHALL BE BOLTED EXCEPT WHERE WELDED CONNECTIONS ARE INDICATED ON THE STRUCTURAL DRAWINGS.
- WELDING SHALL BE IN ACCORDANCE WITH THE AMERICAN WELDING SOCIETY (AWS D1.1).
- MATERIALS:
 - ROLLED WIDE FLANGE SHAPES UNLESS NOTED: ASTM A992 DUAL GRADE, F_y = 50 KSI.
 - ROLLED SHAPES AND PLATES UNLESS NOTED: ASTM A36.
 - BOLTS: ASTM A509, 3/4" DIAMETER UNLESS NOTED.
 - FIELD WELDS: AWS E70XX, LOW HYDROGEN ELECTRODES.
 - NON-SHRRK NON-METALLIC GROUT: CRD-C-621 AND ASTM C1107 FOR INTERIOR AND EXTERIOR APPLICATIONS.

- PAINT AND PROTECTION:
 - STRUCTURAL STEEL UNLESS NOTED: FABRICATORS STANDARD PRIME COAT. TOUCH UP AFTER ERECTION.
 - MEMBERS TO BE ENCASED IN CONCRETE. MEMBERS TO RECEIVE SPRAY-ON PREPROOFING AND THE TOP FLANGES OF BEAMS TO RECEIVE COMPOSITE SHEAR CONNECTORS SHALL HAVE NO PAINT. COORDINATE ALL FIREPROOFING REQUIREMENT WITH THE PROJECT SPECIFICATIONS AND ARCHITECTURAL DRAWINGS.
 - PROVIDE MINIMUM 3" CONCRETE COVER FOR ALL STEEL BELOW GRADE.

CONTRACTOR SHALL SUBMIT ERECTION AND SHOP DRAWINGS FOR REVIEW BY ENGINEER PRIOR TO FABRICATION. ANY DEVIATIONS FROM THE ORIGINAL DESIGN INTENT SHALL BE APPROVED PRIOR TO SUBMITTING ANY SHOP SUBMITTALS. SUCH DRAWINGS WILL BE REJECTED.

METAL DECKING

- THE DESIGN, FABRICATION, AND ERECTION OF ALL STEEL DECKING SHALL CONFORM TO THE REQUIREMENTS OF THE LATEST EDITION OF THE SPECIFICATIONS OF THE STEEL DECK INSTITUTE.
- MATERIALS:
 - DECK FOR CONCRETE FORM: 28 GAUGE #4616", GALVANIZED COATING CONFORM TO ASTM A653 G60.
- CONNECT CONCRETE FORM DECK TO SUPPORTS WITH WELDS USING WELDING WASHERS OR ITW BUILDUP BX14 POWDER ACTUATED FASTENERS OR #12-24 X 7/8" ICH TRAXX S. CLAMSNAIL AT 10" ON CENTER AT SUPPORTS FOR 30" WIDE DECK (30" PATTERN). SPOKEY BRIDGES AT MIDSPAN OR 3/4" MAXIMUM UNIFORM SPACING.
- METAL DECK SHALL BE PROVIDED TO RUN CONTINUOUS OVER AT LEAST 3 SPANS EXCEPT AS NOTED OTHERWISE.
- CONNECT METAL DECK TO STRUCTURAL MEMBERS, INCLUDING PERIMETER ANGLES.
- LAP ENDS OF ROOF DECK AND CONCRETE FORM DECK 2" MINIMUM.
- WELDING OF METAL DECK SHALL BE IN ACCORDANCE WITH AWS D1.3.

COLD-FORMED STEEL FRAMING (CFSF)

- COLD-FORMED STEEL FRAMING CONSTRUCTION AND MATERIALS SHALL CONFORM TO ALL REQUIREMENTS OF "COLD-FORMED STEEL DESIGN MANUAL" CURRENT EDITION, PUBLISHED BY "AMERICAN IRON AND STEEL INSTITUTE" (AISI).
- MATERIALS:
 - STRUCTURAL FRAMING MEMBERS: 20 GAUGE AND HEAVIER: ASTM A1003, GRADE A, F_y MINIMUM = 43 KSI; GALVANIZED GAUGE 6 G PER ASTM A1003.
 - ALL TRUSS AND BRIDGING: F_y = 33 KSI MINIMUM, ASTM A1003 GRADE A, GALVANIZED GAUGE 60 PER ASTM A653.
 - VERTICAL STRAP BRACING: F_y = 50 KSI MINIMUM. SIZE AND GAUGE AS NOTED ON PLAN, ASTM A1003, GRADE D, GALVANIZED GAUGE 60 PER ASTM A1003.
 - WELDING ELECTRODES: E60XX, WELD SIZE AS NOTED ON STRUCTURAL DRAWINGS.

- CUT ALL FRAMING COMPONENTS SO THEY FIT SQUARELY TOGETHER. STUDS MUST BEAR TIGHT AGAINST TRACK WEB. MEMBERS SHALL BE HELD POSITIVELY IN PLACE UNTIL PROPERLY FASTENED. BRACE WALL COMPONENTS AS REQUIRED DURING ERECTION TO PREVENT RACKING AND DISTORTION.
- ALL FRAMING AND COMPONENTS SPECIFIED ON THE STRUCTURAL DRAWINGS SHALL FOLLOW THE PRODUCT STANDARDS AND QUALITY STANDARDS AS REQUIRED BY "STEEL STUD MANUFACTURERS ASSOCIATION" (SSMA). ALL MEMBERS SHALL HAVE 1/8" FLANGE WIDTH UNLESS NOTED OTHERWISE ON THE PLANS. ALL STUD/JOIST MEMBERS SHALL HAVE FLANGE LAP.

- NO OPENING OR HOLE SHALL BE PLACED IN ANY STRUCTURAL MEMBER OTHER THAN THAT WHICH IS INDICATED ON THE DRAWINGS UNLESS THE LOCATION HAS BEEN APPROVED IN WRITING BY THE STRUCTURAL ENGINEER.
- PRIOR TO THE START OF INSTALLATION OF METAL FRAMING SYSTEMS, THE GENERAL CONTRACTOR SHALL COORDINATE WITH THE INSTALLERS OF OTHER WORK INCLUDING MECHANICAL, STRUCTURAL AND ELECTRICAL WORK. REVIEW AREAS OF POTENTIAL INTERFERENCE AND CONFLICTS AND COORDINATE LAYOUT AND SUPPORT PROVISIONS FOR INTERACTING WORK.

- FASTENING OF COMPONENTS SHALL BE WITH SELF-DRILLING SCREWS OR WELDING. ALL WELDED CONNECTIONS SHALL BE MADE BY WELDERS CERTIFIED FOR WELDING MEMBERS OF GAUGE BEING USED PER AWS 1.3.
- BRIDGING OF AXIAL LOADED WALL FRAMING AND NON-BEARING WALL FRAMING SHALL BE ACCOMPLISHED BY EITHER: A COLD ROLLED CHANNEL THAT RUNS HORIZONTALLY THROUGH THE STUD PUNCH-OUTS AND IS ATTACHED AT EACH STUD BY USE OF CLIPS; OR BY MINIMUM 2" WIDE STEEL STRAPS THAT RUN HORIZONTALLY ON BOTH SIDES OF THE STUDS AND IS ATTACHED AT EACH STUD AND TO FULL DEPTH BLOCKING AT EVERY FOURTH STUD SPACE. BLOCKING SHOULD BE REPAIRED OR REPLACED.

- STUDS OR TRACK SHALL HAVE SOLID BLOCKING LOCATED AT 4'-0" ON CENTER, ALL DAMAGED OR CUT BRIDGING SHOULD BE REPAIRED OR REPLACED.

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Inspection of Structural Steel Construction per Section 1706.2
Hot Rolled Steel Framing
AGENT: CONSULTING SERVICES INC

- Special Inspections of the fabrication process of all hot rolled steel structural components shall be in accordance with Section 1704.2.5.
- Material verification of high-strength bolts, nuts and washers, Structural Steel and Weld filler material per ASTM A, ASTM A508, (Ref: Code Section 1105.1.1).
- Identification markings to conform to ASTM standards specified in the contract documents per AISC ASD Section A3.4 or AISC LRFD Section A3.4.
- Manufacturer's certificate of compliance and or Mill reports.
- Periodic inspection of high strength bolting of bearing type connections per AISC LRFD Section M.2.5. (Ref: Code Section 1705.1.1) when using Turned Bolt method, periodic inspections can be made provided that erector is using one of the following techniques. Match marking techniques, the direct tension indicator washers, or the alternate test-out fasteners. Otherwise, continuous on-site observation of the bolt installation using a calibrated wrench shall be performed.
- Periodic inspection of fast welding per AWS D1.1: (Ref: Code Section 1705.2.1.1) (Applicable for Structural Steel connections requiring a single pass fillet weld 5/16" and smaller).
- Verify prior to the start of work all materials, welding procedures and qualification of all welders.
- Visual inspection of fast weld joint details per the construction documents. Check length, size and type of metal performed.
- Visual inspection of all floor and roof deck welds. Verify design intent and spacing of welds and welded members. Check for side lap fasteners and welded connections along edge of sheets and perimeter and drag stud collectors.
- Periodic visual inspection of steel frame joint details for compliance with approved construction documents for: (Ref: Code Section 1705.2.1)
 - Verify the installation of all structural members and locations as noted on the structural drawings.
 - Verify the use of the proper connection methods as noted on the structural drawings.
 - Verify the proper installation of the floor and roof metal decking with appropriate ties and attachment to the perimeter angles and structural members.

Cold Formed Steel Framing
AGENT: CONSULTING SERVICES INC

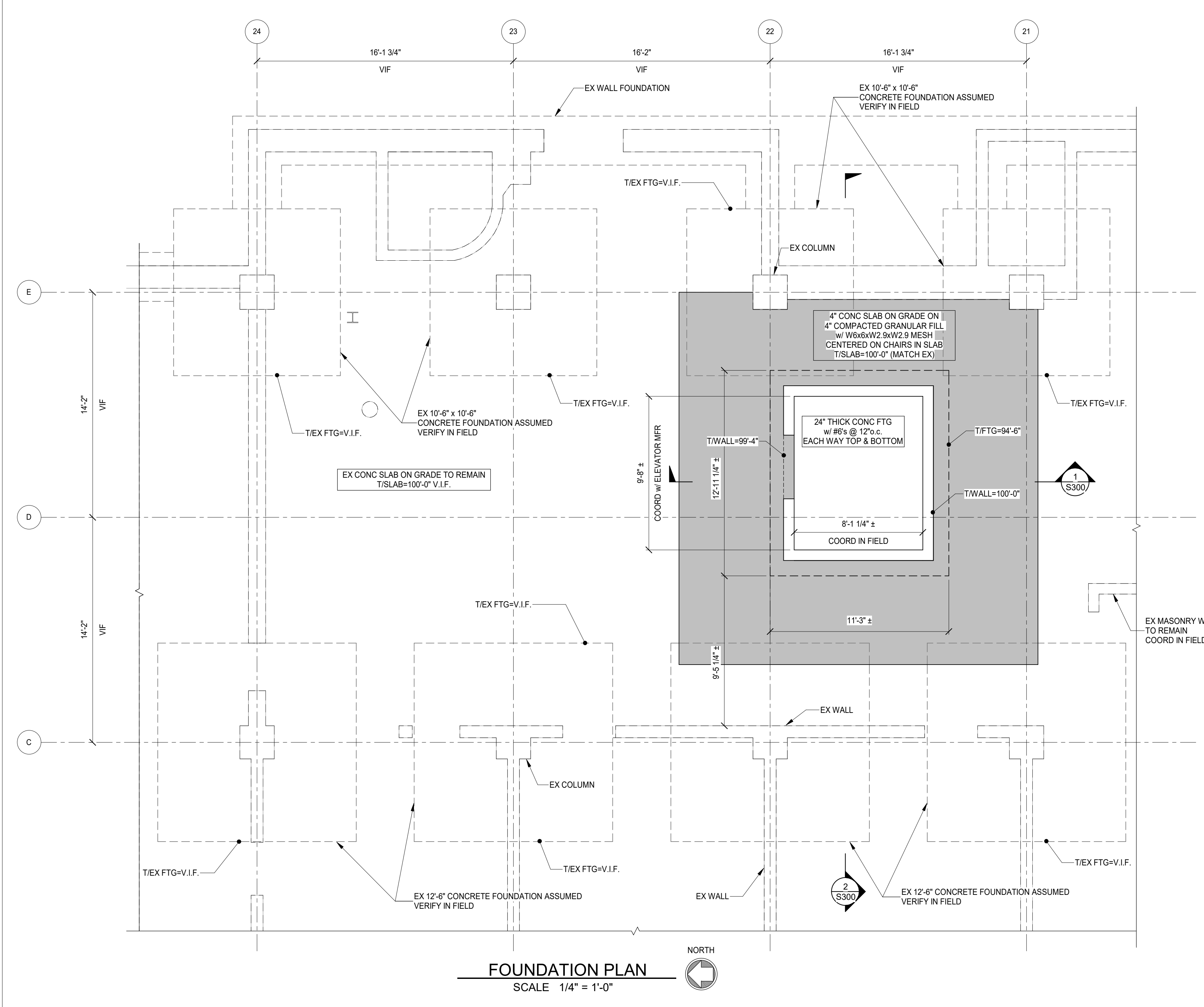
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PRELIMINARY
NOT FOR CONSTRUCTION

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ARCHITECTURE
1148 Main Street
Cincinnati, OH 45202
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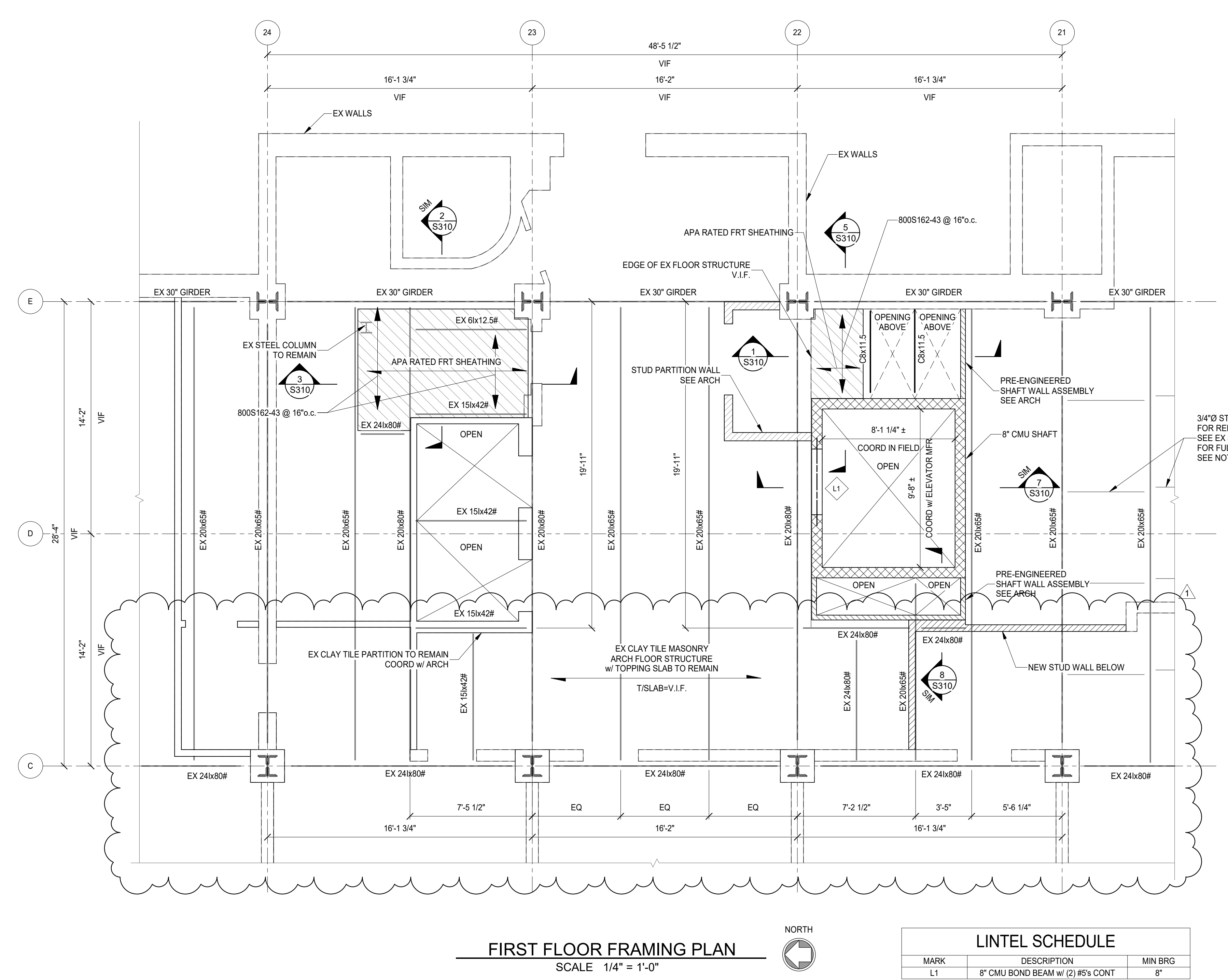
ADVANTAGE GROUP
STRUCTURAL ENGINEERS
1527 Madison Road
Cincinnati, OH 45206
ph. 513.396.8900

22188.06 NFB / MPC



FOUNDATION PLAN
SCALE 1/4" = 1'-0"

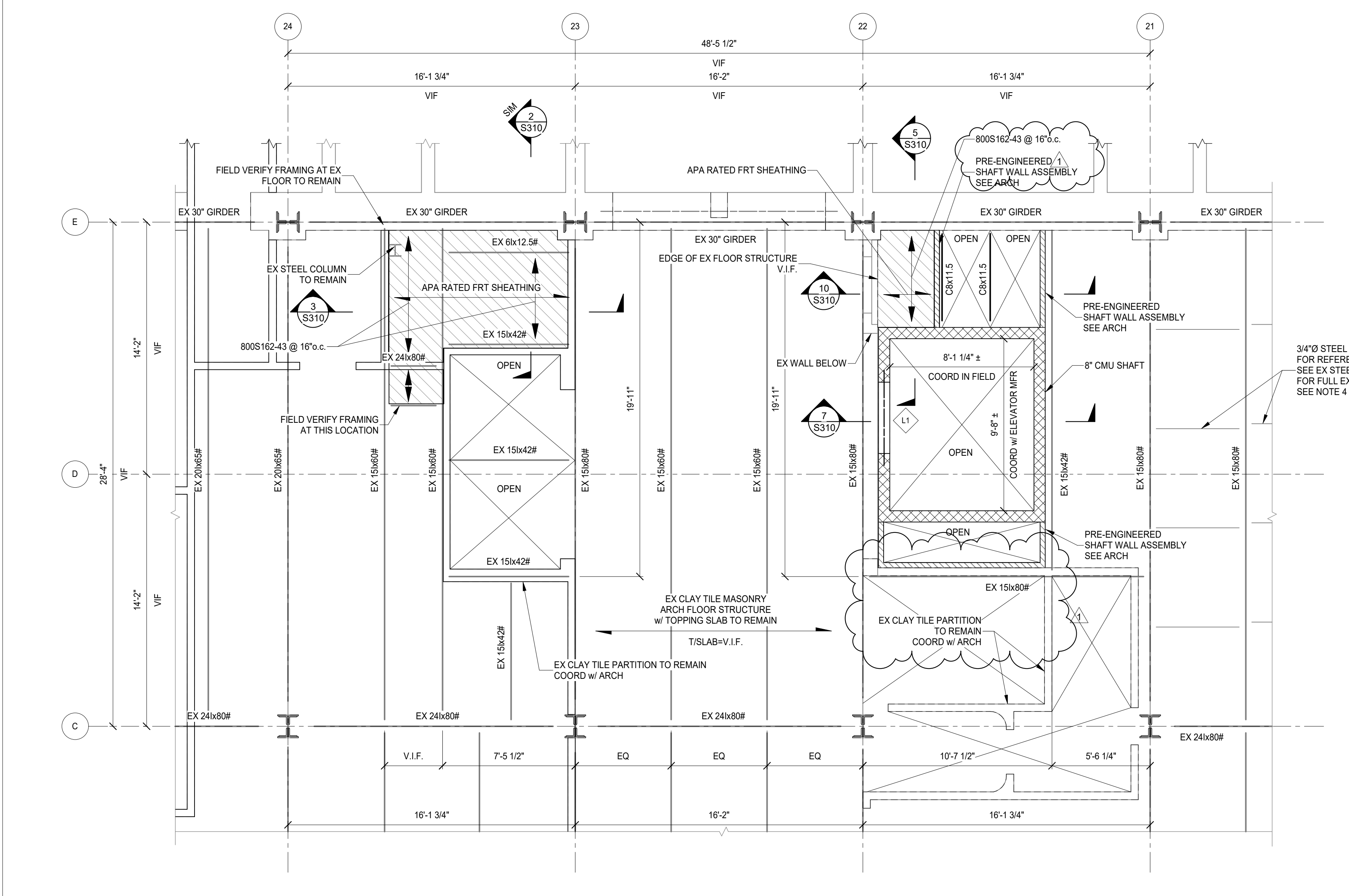
- PLAN NOTES:**
- COORDINATE ALL DIMENSIONS, DOOR AND WINDOW LOCATIONS WITH ARCHITECTURAL DRAWINGS AND EXISTING FIELD CONDITIONS.
 - EX FTG BRG ELEVATION ASSUMED TO BE 32\"/>



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

| LINTEL SCHEDULE | | |
|-----------------|-------------|---------|
| MARK | DESCRIPTION | MIN BRG |
| L1 | 8\"/> | 8" |

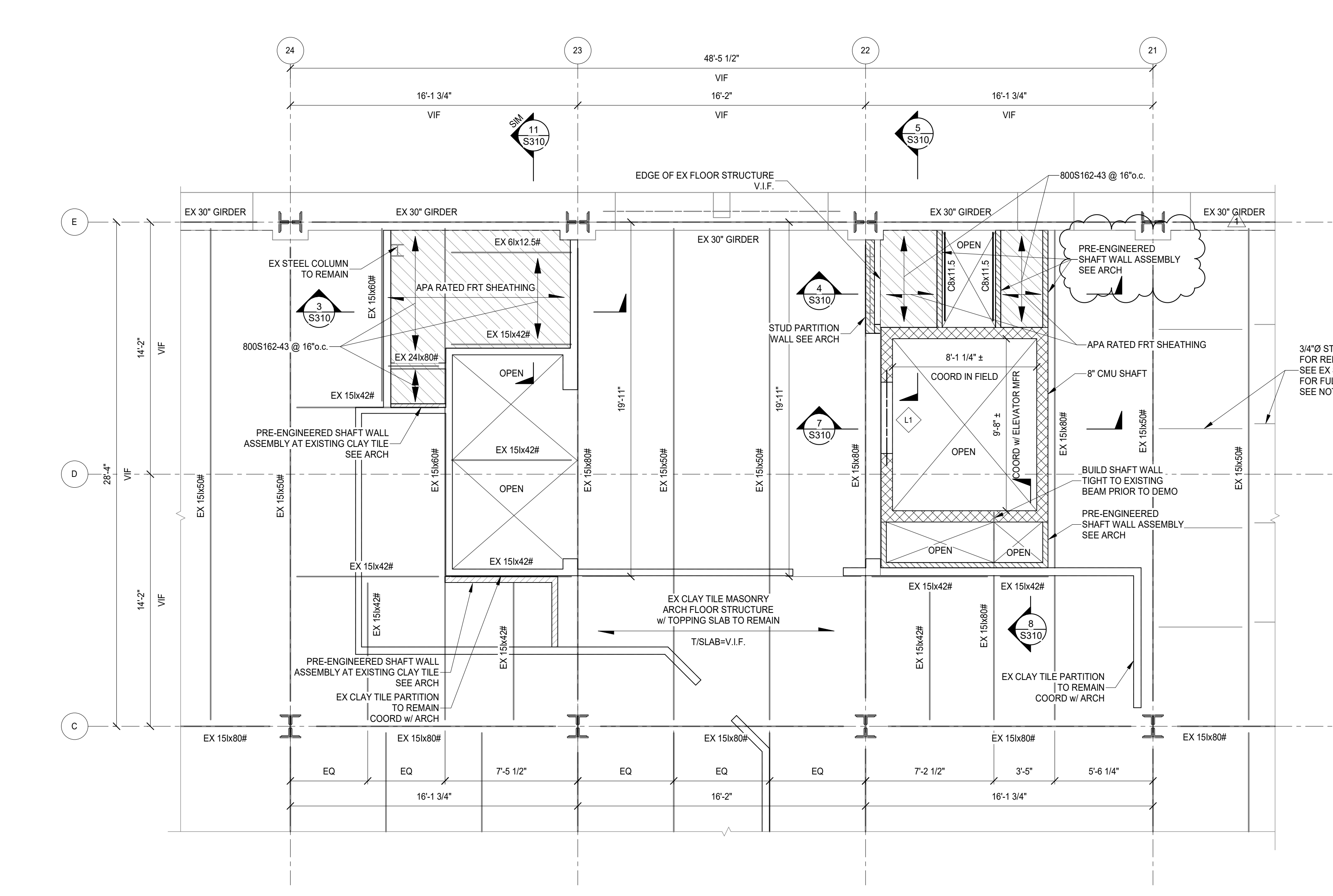
- PLAN NOTES:**
- COORDINATE ALL DIMENSIONS, DOOR AND WINDOW LOCATIONS WITH ARCHITECTURAL DRAWINGS AND EXISTING FIELD CONDITIONS. ALL DIMENSIONS SHOWN FOR EXISTING STEEL GRIDS SHALL BE VERIFIED IN FIELD PRIOR TO CONSTRUCTION AND ARE BASED ON THE ORIGINAL STEEL DRAWINGS PROVIDED.
 - BPO1 DENOTES 80\"/>



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

| LINTEL SCHEDULE | | |
|-----------------|-------------|---------|
| MARK | DESCRIPTION | MIN BRG |
| L1 | 8\"/> | 8" |

- PLAN NOTES:**
- COORDINATE ALL DIMENSIONS, DOOR AND WINDOW LOCATIONS WITH ARCHITECTURAL DRAWINGS AND EXISTING FIELD CONDITIONS. ALL DIMENSIONS SHOWN FOR EXISTING STEEL GRIDS SHALL BE VERIFIED IN FIELD PRIOR TO CONSTRUCTION AND ARE BASED ON THE ORIGINAL STEEL DRAWINGS PROVIDED.
 - BPO1 DENOTES 80\"/>



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

| LINTEL SCHEDULE | | |
|-----------------|-------------|---------|
| MARK | DESCRIPTION | MIN BRG |
| L1 | 8\"/> | 8" |

- PLAN NOTES:**
- COORDINATE ALL DIMENSIONS, DOOR AND WINDOW LOCATIONS WITH ARCHITECTURAL DRAWINGS AND EXISTING FIELD CONDITIONS. ALL DIMENSIONS SHOWN FOR EXISTING STEEL GRIDS SHALL BE VERIFIED IN FIELD PRIOR TO CONSTRUCTION AND ARE BASED ON THE ORIGINAL STEEL DRAWINGS PROVIDED.
 - BPO1 DENOTES 80\"/>

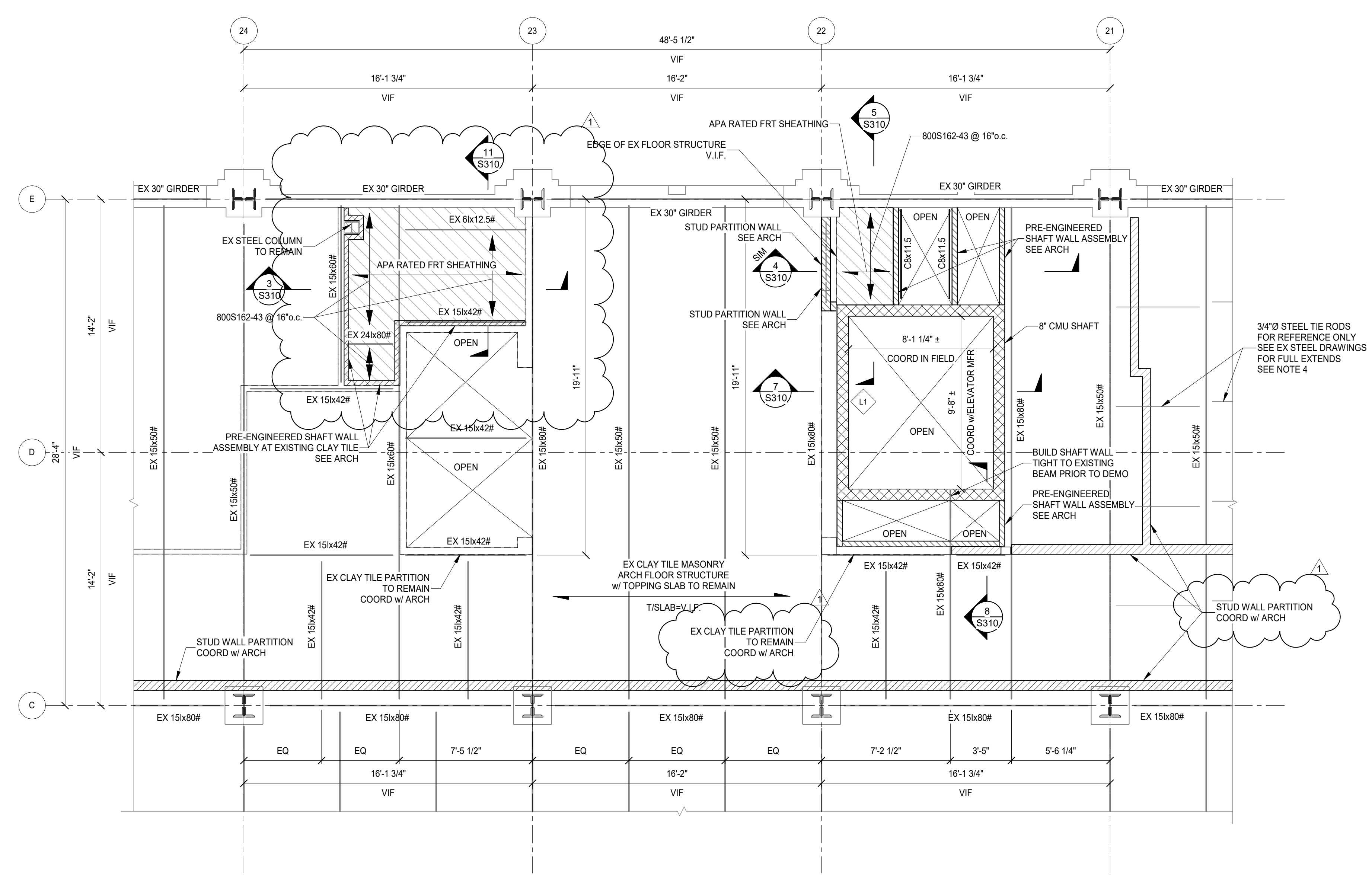
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08.17.2022
ISSUE FOR PERMIT
10.27.2022
PERMIT REVISION 1

BASEMENT AND FRAMING PLANS

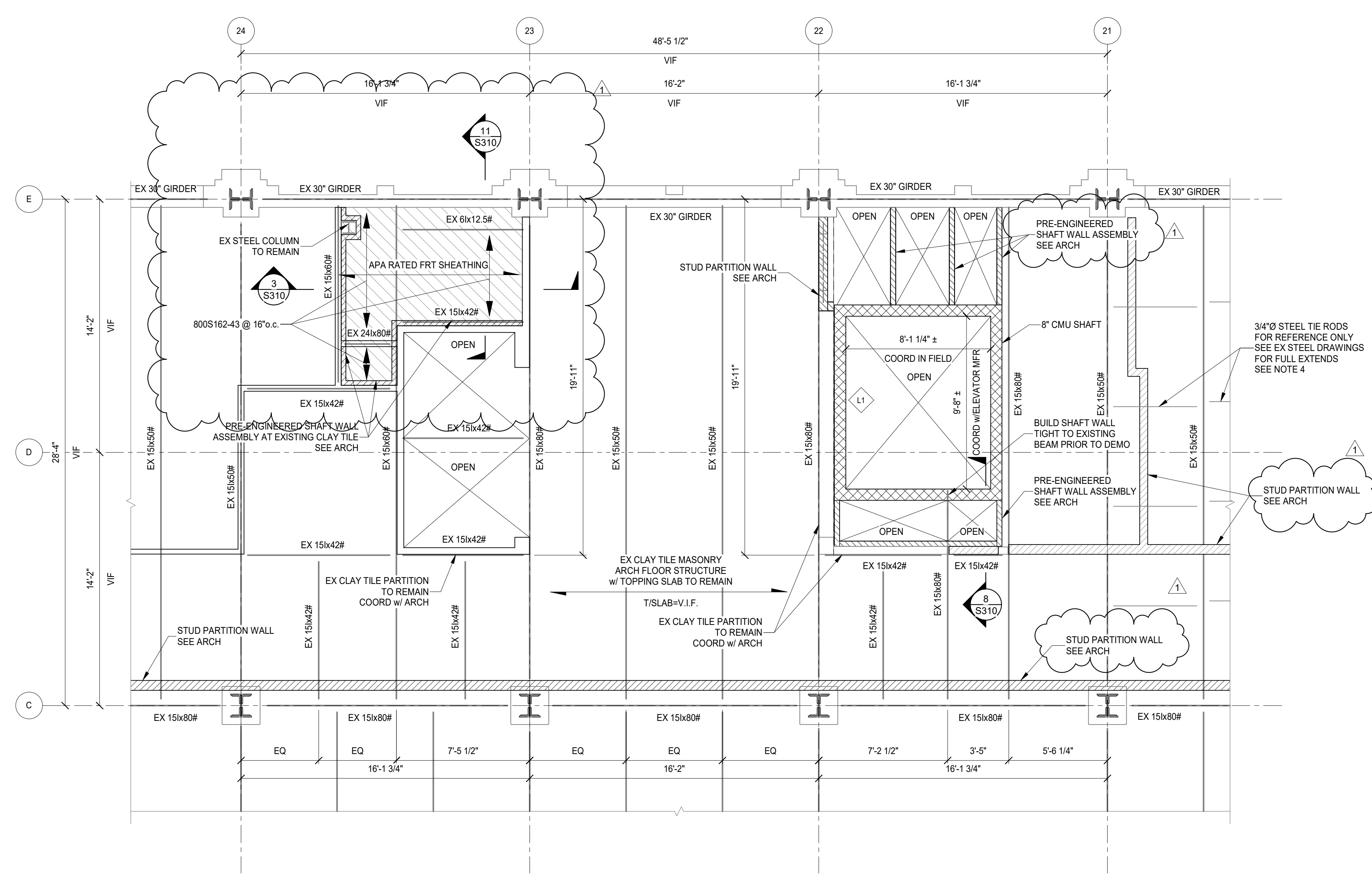
S110



4TH - 10TH FLOOR FRAMING PLAN
SCALE 1/4" = 1'-0"

| LINTEL SCHEDULE | | |
|-----------------|-----------------------------------|---------|
| MARK | DESCRIPTION | MIN BRG |
| L1 | 8" CMU BOND BEAM w/ (2) #5's CONT | 8" |

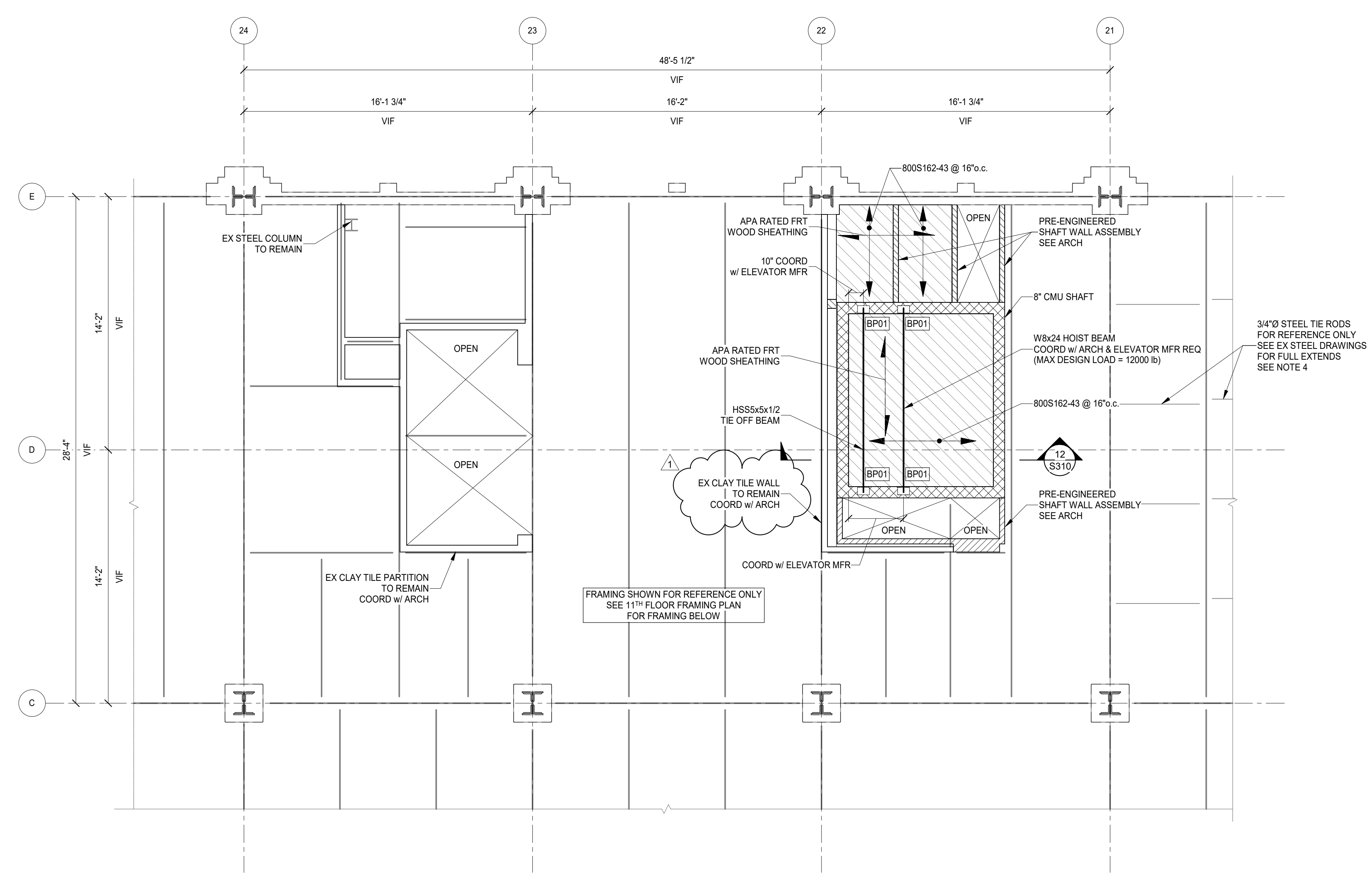
- PLAN NOTES:**
- COORDINATE ALL DIMENSIONS, DOOR AND WINDOW LOCATIONS WITH ARCHITECTURAL DRAWINGS AND EXISTING FIELD CONDITIONS. ALL DIMENSIONS SHOWN FOR EXISTING STEEL GRIDS SHALL BE VERIFIED IN FIELD PRIOR TO CONSTRUCTION AND ARE BASED ON THE ORIGINAL STEEL DRAWINGS STEEL DRAWINGS PROVIDED.
 - BP01 DENOTES 3/8"x3/8" STEEL BEARING PLATE w/ (2) 1/2"x3/8" x 5' LG HD STUDS.
 - REIN 8" CMU SHAFT WITH #5 VERT DOWELS AT 32" c.c. MAX. AT EACH CORNER AND JAMB TYP. REIN SHALL BE CENTERED IN A FULLY GROUTED CELL AND TIED PRIOR TO GROUTING.
 - MAX 6" DIAMETER ROUND OR 6"x6" SQUARE HOLE PERMITTED THROUGH EX CLAY TILE MASONRY ARCH FLOOR SYSTEM. ALL OTHER PENETRATIONS MUST BE APPROVED BY THE ENGINEER OF RECORD. FIELD VERIFY CONDITION OF CLAY TILE AND MORTAR AT PROPOSED PENETRATION LOCATIONS PRIOR TO CONSTRUCTION. COORDINATE FINDINGS WITH ENGINEER SUBMIT PLAN INDICATING PENETRATION SIZE & LOCATION TO ENGINEER PRIOR TO CONSTRUCTION. USE EXTREME CAUTION TO AVOID DAMAGING EX STEEL TIE RODS PERPENDICULAR TO THE STEEL BEAMS OR DAMAGING THE STEEL BEAMS.
 - 1" STEEL ELEVATION VARIES. VERIFY IN FIELD.



11TH FLOOR FRAMING PLAN
SCALE 1/4" = 1'-0"

| LINTEL SCHEDULE | | |
|-----------------|-----------------------------------|---------|
| MARK | DESCRIPTION | MIN BRG |
| L1 | 8" CMU BOND BEAM w/ (2) #5's CONT | 8" |

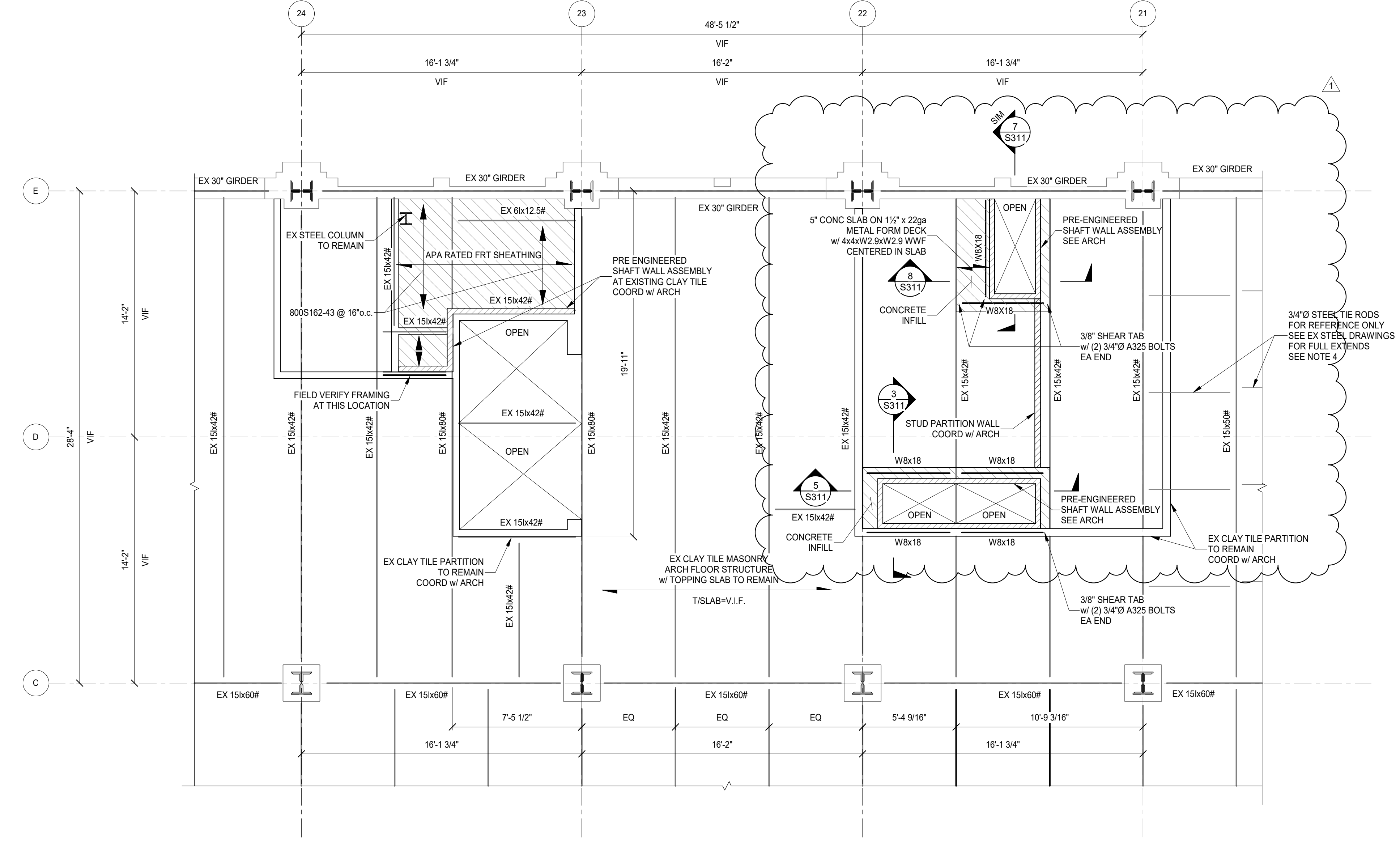
- PLAN NOTES:**
- COORDINATE ALL DIMENSIONS, DOOR AND WINDOW LOCATIONS WITH ARCHITECTURAL DRAWINGS AND EXISTING FIELD CONDITIONS. ALL DIMENSIONS SHOWN FOR EXISTING STEEL GRIDS SHALL BE VERIFIED IN FIELD PRIOR TO CONSTRUCTION AND ARE BASED ON THE ORIGINAL STEEL DRAWINGS STEEL DRAWINGS PROVIDED.
 - BP01 DENOTES 3/8"x3/8" STEEL BEARING PLATE w/ (2) 1/2"x3/8" x 5' LG HD STUDS.
 - REIN 8" CMU SHAFT WITH #5 VERT DOWELS AT 32" c.c. MAX. AT EACH CORNER AND JAMB TYP. REIN SHALL BE CENTERED IN A FULLY GROUTED CELL AND TIED PRIOR TO GROUTING.
 - MAX 6" DIAMETER ROUND OR 6"x6" SQUARE HOLE PERMITTED THROUGH EX CLAY TILE MASONRY ARCH FLOOR SYSTEM. ALL OTHER PENETRATIONS MUST BE APPROVED BY THE ENGINEER OF RECORD. FIELD VERIFY CONDITION OF CLAY TILE AND MORTAR AT PROPOSED PENETRATION LOCATIONS PRIOR TO CONSTRUCTION. COORDINATE FINDINGS WITH ENGINEER SUBMIT PLAN INDICATING PENETRATION SIZE & LOCATION TO ENGINEER PRIOR TO CONSTRUCTION. USE EXTREME CAUTION TO AVOID DAMAGING EX STEEL TIE RODS PERPENDICULAR TO THE STEEL BEAMS OR DAMAGING THE STEEL BEAMS.
 - 1" STEEL ELEVATION VARIES. VERIFY IN FIELD.



ELEVATOR SHAFT CAP (11 1/2')
SCALE 1/4" = 1'-0"

| LINTEL SCHEDULE | | |
|-----------------|-----------------------------------|---------|
| MARK | DESCRIPTION | MIN BRG |
| L1 | 8" CMU BOND BEAM w/ (2) #5's CONT | 8" |

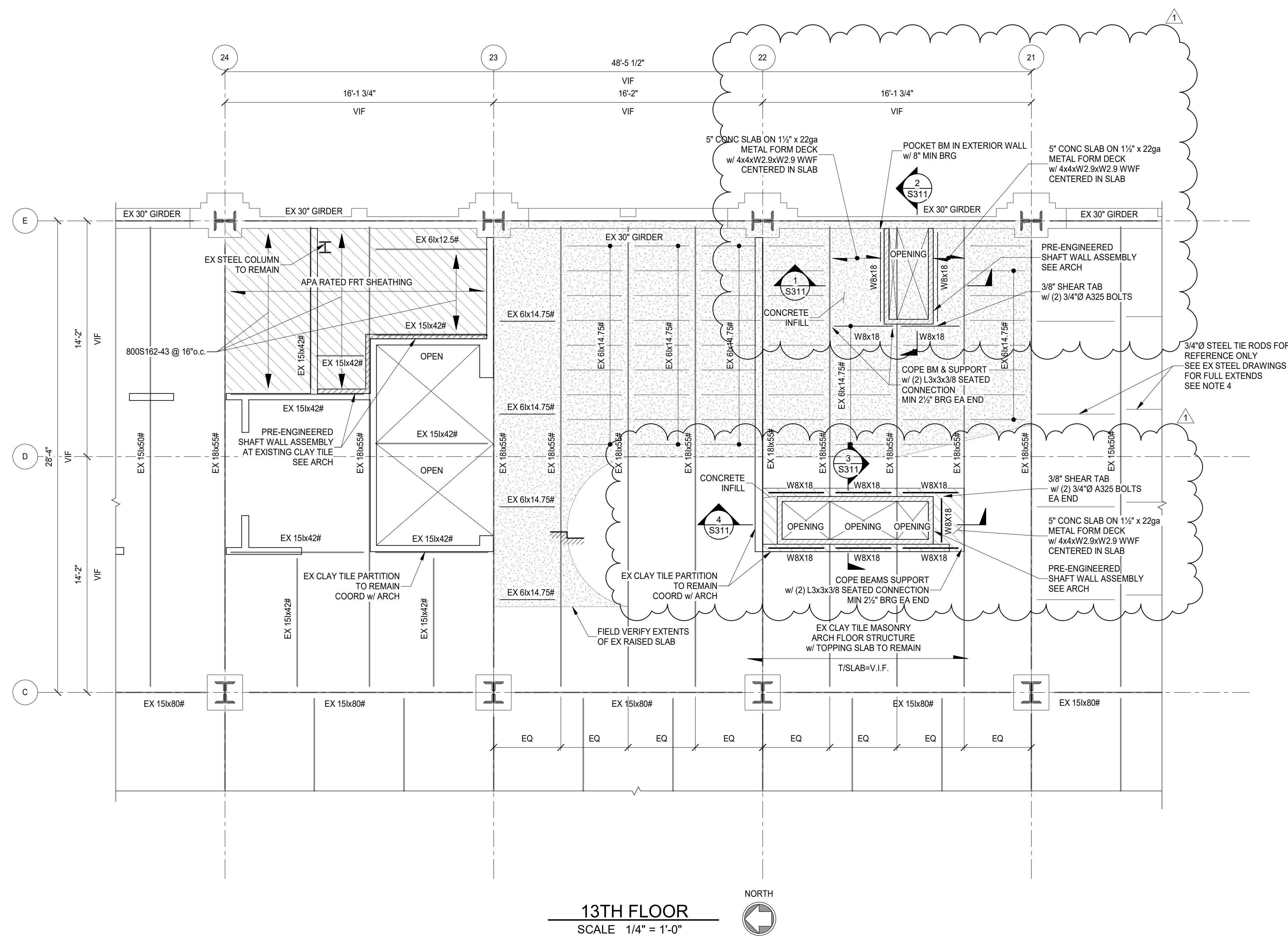
- PLAN NOTES:**
- COORDINATE ALL DIMENSIONS, DOOR AND WINDOW LOCATIONS WITH ARCHITECTURAL DRAWINGS.
 - LOCATE 8" CMU BOND BEAM COURSE w/ (2) #5's CONT AT EACH EXTERIOR FLOOR ELEVATION TYP AT ALL FLOOR 1ST - 11TH ORIGINAL STEEL DRAWINGS STEEL DRAWINGS PROVIDED.
 - ELEVATOR BASIS OF DESIGN W/ONE MONOSPACE 500 LB AX 0000 PASSENGER ELEVATOR.
 - COORD T/STEEL FOR ALL ELEVATOR BEAMS w/ ARCH & ELEVATOR MFR REQ & EX FIELD CONDITIONS.
 - BP01 3/8"x3/8" LG BEARING PLATE w/ (2) 1/2"x3/8" x 5' LG HD STUDS.
 - REIN 8" CMU SHAFT WITH #5 VERT DOWELS AT 32" c.c. MAX. AT EACH CORNER AND JAMB TYP. REIN SHALL BE CENTERED IN A FULLY GROUTED CELL AND TIED PRIOR TO GROUTING.



12TH FLOOR FRAMING PLAN
SCALE 1/4" = 1'-0"

| LINTEL SCHEDULE | | |
|-----------------|-----------------------------------|---------|
| MARK | DESCRIPTION | MIN BRG |
| L1 | 8" CMU BOND BEAM w/ (2) #5's CONT | 8" |

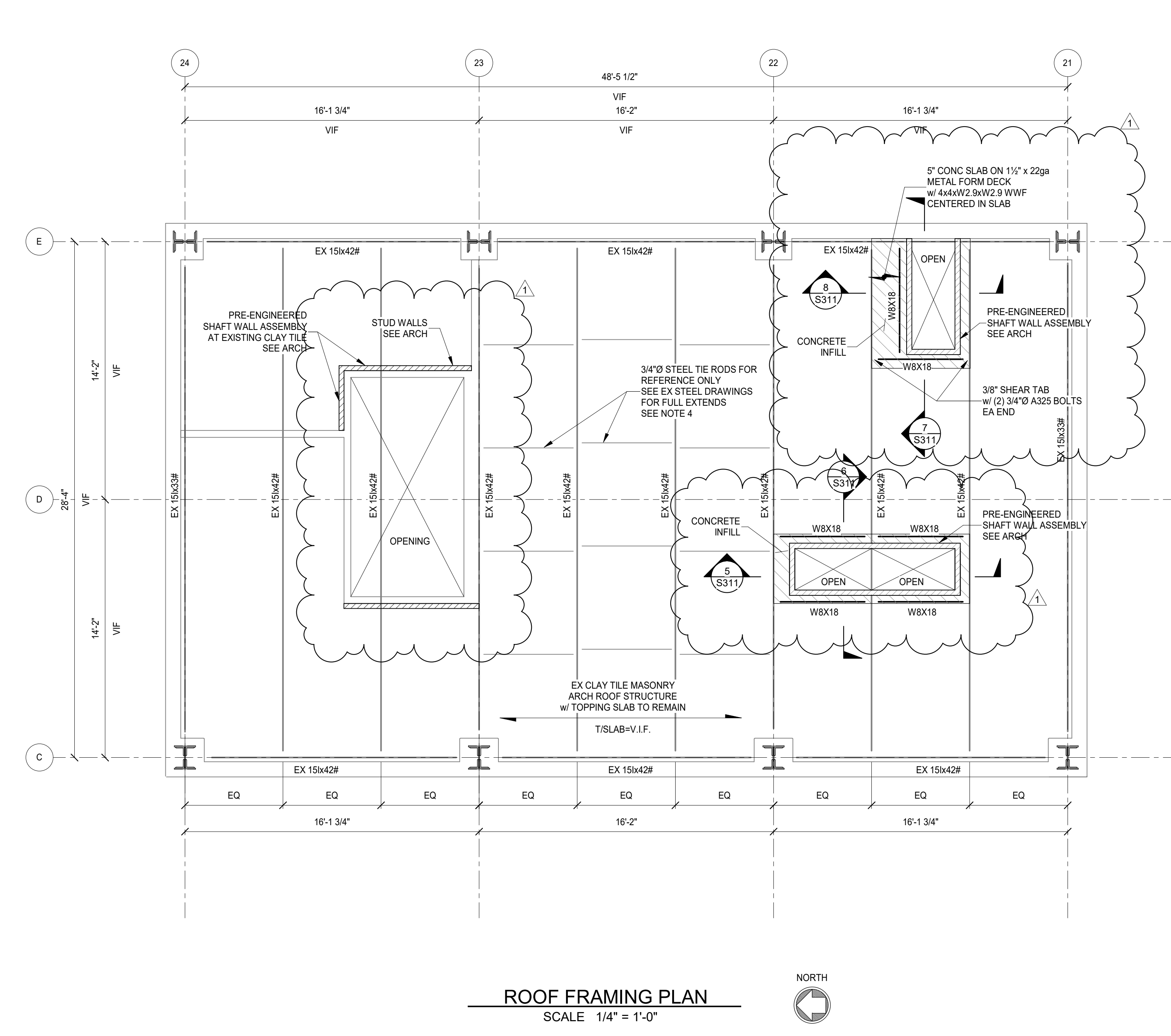
- PLAN NOTES:**
- COORDINATE ALL DIMENSIONS, DOOR AND WINDOW LOCATIONS WITH ARCHITECTURAL DRAWINGS AND EXISTING FIELD CONDITIONS. ALL DIMENSIONS SHOWN FOR EXISTING STEEL GRIDS SHALL BE VERIFIED IN FIELD PRIOR TO CONSTRUCTION AND ARE BASED ON THE ORIGINAL STEEL DRAWINGS STEEL DRAWINGS PROVIDED.
 - BP01 DENOTES 3/8"x3/8" STEEL BEARING PLATE w/ (2) 1/2"x3/8" x 5' LG HD STUDS.
 - REIN 8" CMU SHAFT WITH #5 VERT DOWELS AT 32" c.c. MAX. AT EACH CORNER AND JAMB TYP. REIN SHALL BE CENTERED IN A FULLY GROUTED CELL AND TIED PRIOR TO GROUTING.
 - MAX 6" DIAMETER ROUND OR 6"x6" SQUARE HOLE PERMITTED THROUGH EX CLAY TILE MASONRY ARCH FLOOR SYSTEM. ALL OTHER PENETRATIONS MUST BE APPROVED BY THE ENGINEER OF RECORD. FIELD VERIFY CONDITION OF CLAY TILE AND MORTAR AT PROPOSED PENETRATION LOCATIONS PRIOR TO CONSTRUCTION. COORDINATE FINDINGS WITH ENGINEER SUBMIT PLAN INDICATING PENETRATION SIZE & LOCATION TO ENGINEER PRIOR TO CONSTRUCTION. USE EXTREME CAUTION TO AVOID DAMAGING EX STEEL TIE RODS PERPENDICULAR TO THE STEEL BEAMS OR DAMAGING THE STEEL BEAMS.
 - 1" STEEL ELEVATION VARIES. VERIFY IN FIELD.



13TH FLOOR
SCALE 1/4" = 1'-0"

PLAN NOTES:

- COORDINATE ALL DIMENSIONS, DOOR AND WINDOW LOCATIONS WITH ARCHITECTURAL DRAWINGS AND EXISTING FIELD CONDITIONS. ALL DIMENSIONS SHOWN FOR EXISTING STEEL GRIDS SHALL BE VERIFIED IN FIELD PRIOR TO CONSTRUCTION AND ARE BASED ON THE ORIGINAL STEEL DRAWINGS STEEL DRAWINGS PROVIDED.
- BPO1 DENOTES 5/8"x5/8" STEEL BEARING PLATE w/ (2) 1/2" x 5" LG HD STUDS.
- REINFC CMU SHAFT WITH #6 VERT DOWELS AT 32" c/c MAX. AT EACH CORNER AND JAMB TYP. REINFC SHALL BE CENTERED IN A FULLY GROUTED CELL AND TIED PRIOR TO GROUTING.
- MAX 6" DIAMETER ROUND OR 6"x6" SQUARE HOLE PERMITTED THROUGH EX CLAY TILE MASONRY ARCH FLOOR SYSTEM. ALL OTHER PENETRATIONS MUST BE APPROVED BY THE ENGINEER OF RECORD. FIELD VERIFY CONDITION OF CLAY TILE AND MORTAR AT PROPOSED PENETRATION LOCATIONS PRIOR TO CONSTRUCTION. COORDINATE FINDINGS WITH ENGINEER SUBMIT PLAN INDICATING PENETRATION SIZE & LOCATION TO ENGINEER PRIOR TO CONSTRUCTION. USE EXTREME CAUTION TO AVOID DAMAGING EX STEEL TIE RODS PERPENDICULAR TO THE STEEL BEAMS OR DAMAGING THE STEEL BEAMS.
- T/SLAB ELEVATION VARIES. VERIFY IN FIELD.



ROOF FRAMING PLAN
SCALE 1/4" = 1'-0"

PLAN NOTES:

- COORDINATE ALL DIMENSIONS, DOOR AND WINDOW LOCATIONS WITH ARCHITECTURAL DRAWINGS AND EXISTING FIELD CONDITIONS. ALL DIMENSIONS SHOWN FOR EXISTING STEEL GRIDS SHALL BE VERIFIED IN FIELD PRIOR TO CONSTRUCTION AND ARE BASED ON THE ORIGINAL STEEL DRAWINGS STEEL DRAWINGS PROVIDED.
- BPO1 DENOTES 5/8"x5/8" STEEL BEARING PLATE w/ (2) 1/2" x 5" LG HD STUDS.
- REINFC CMU SHAFT WITH #6 VERT DOWELS AT 32" c/c MAX. AT EACH CORNER AND JAMB TYP. REINFC SHALL BE CENTERED IN A FULLY GROUTED CELL AND TIED PRIOR TO GROUTING.
- MAX 6" DIAMETER ROUND OR 6"x6" SQUARE HOLE PERMITTED THROUGH EX CLAY TILE MASONRY ARCH FLOOR SYSTEM. ALL OTHER PENETRATIONS MUST BE APPROVED BY THE ENGINEER OF RECORD. FIELD VERIFY CONDITION OF CLAY TILE AND MORTAR AT PROPOSED PENETRATION LOCATIONS PRIOR TO CONSTRUCTION. COORDINATE FINDINGS WITH ENGINEER SUBMIT PLAN INDICATING PENETRATION SIZE & LOCATION TO ENGINEER PRIOR TO CONSTRUCTION. USE EXTREME CAUTION TO AVOID DAMAGING EX STEEL TIE RODS PERPENDICULAR TO THE STEEL BEAMS OR DAMAGING THE STEEL BEAMS.
- T/SLAB ELEVATION VARIES. VERIFY IN FIELD.

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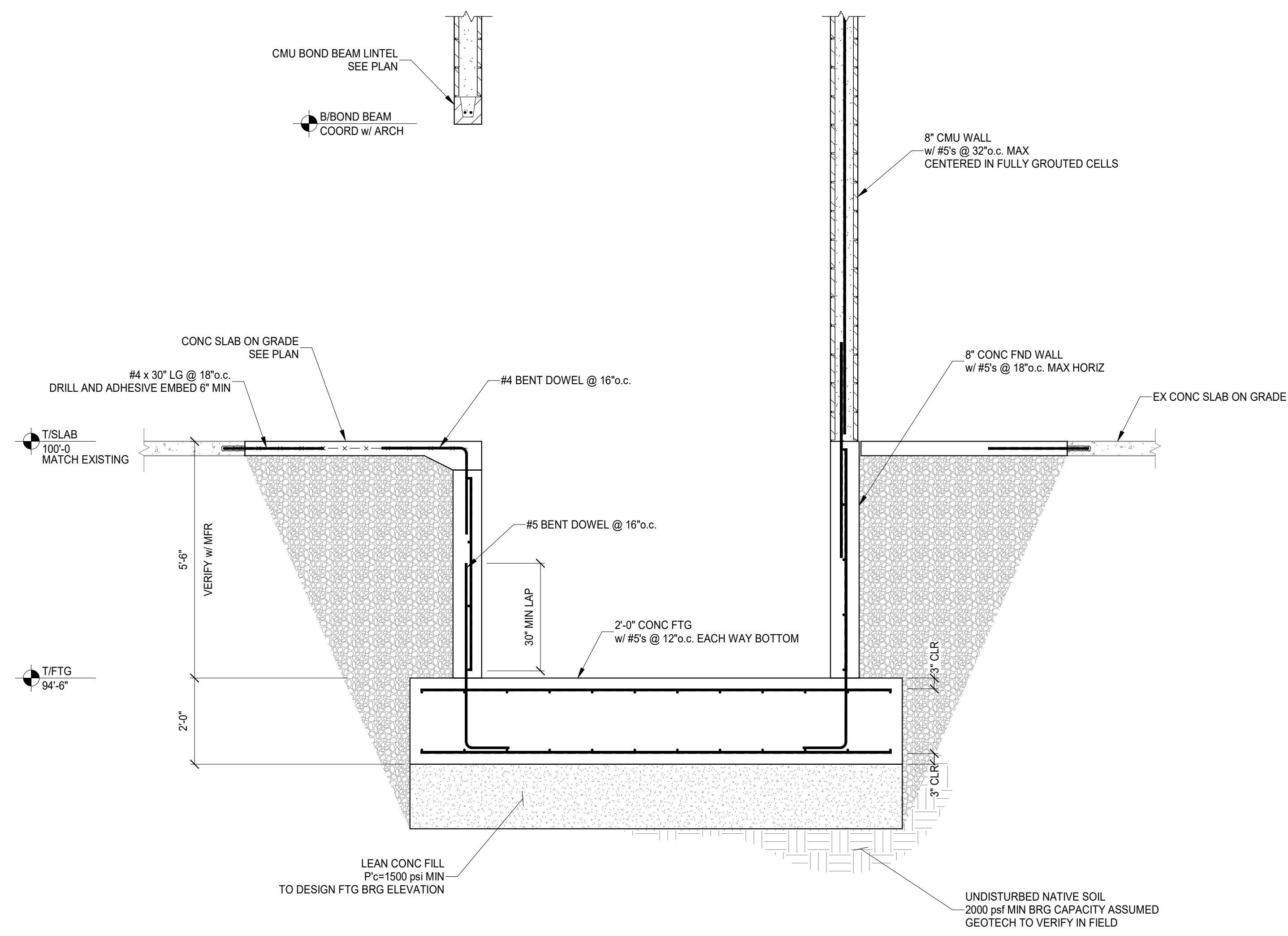
FRAMING PLANS

S112

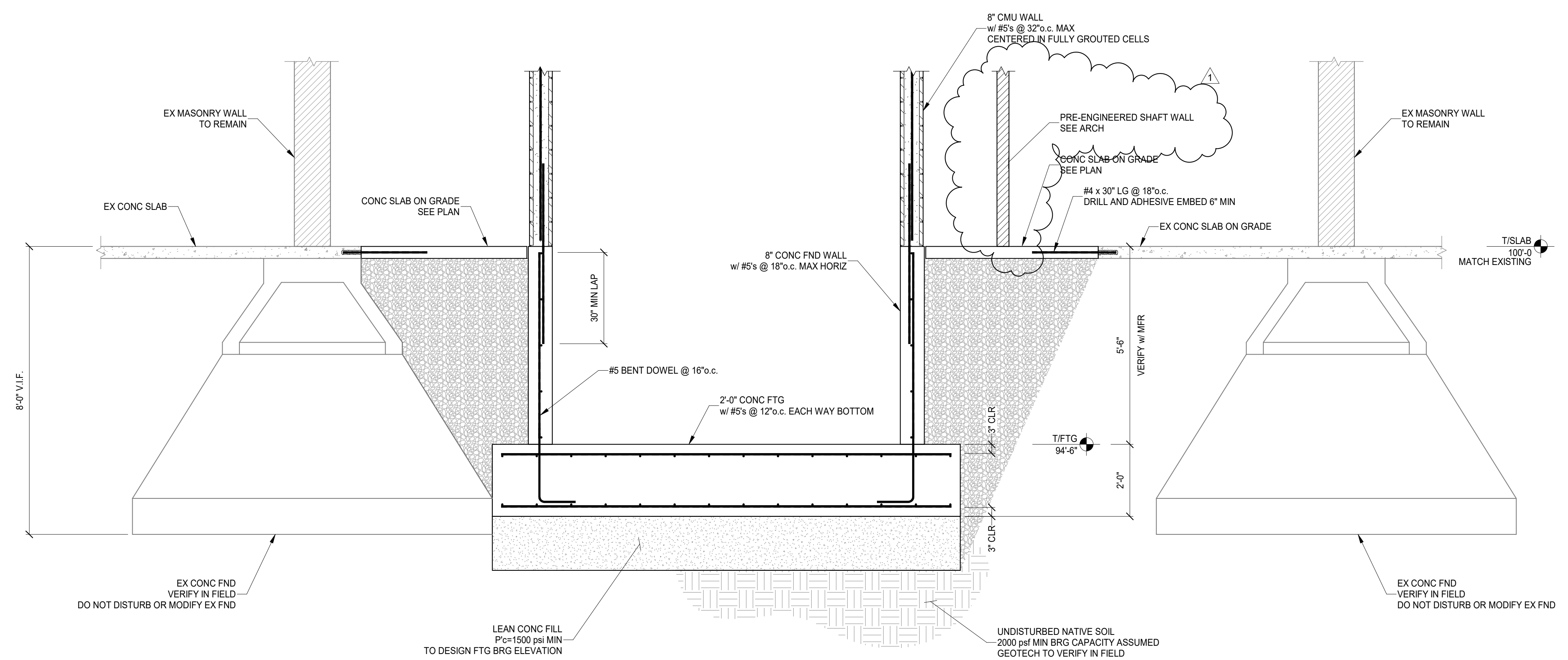
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SECTION 1
SCALE 1/2" = 1'-0"
S300



SECTION 2
SCALE 1/2" = 1'-0"
S300

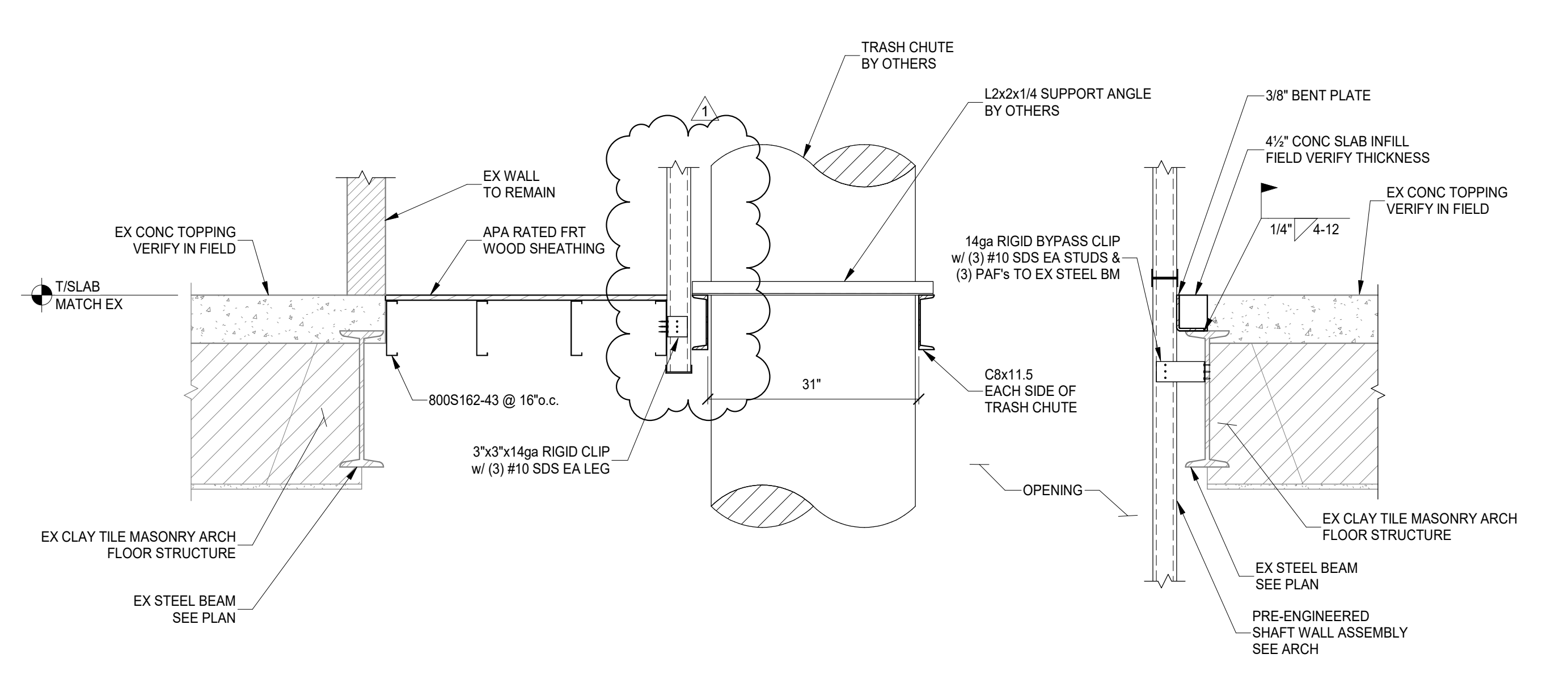
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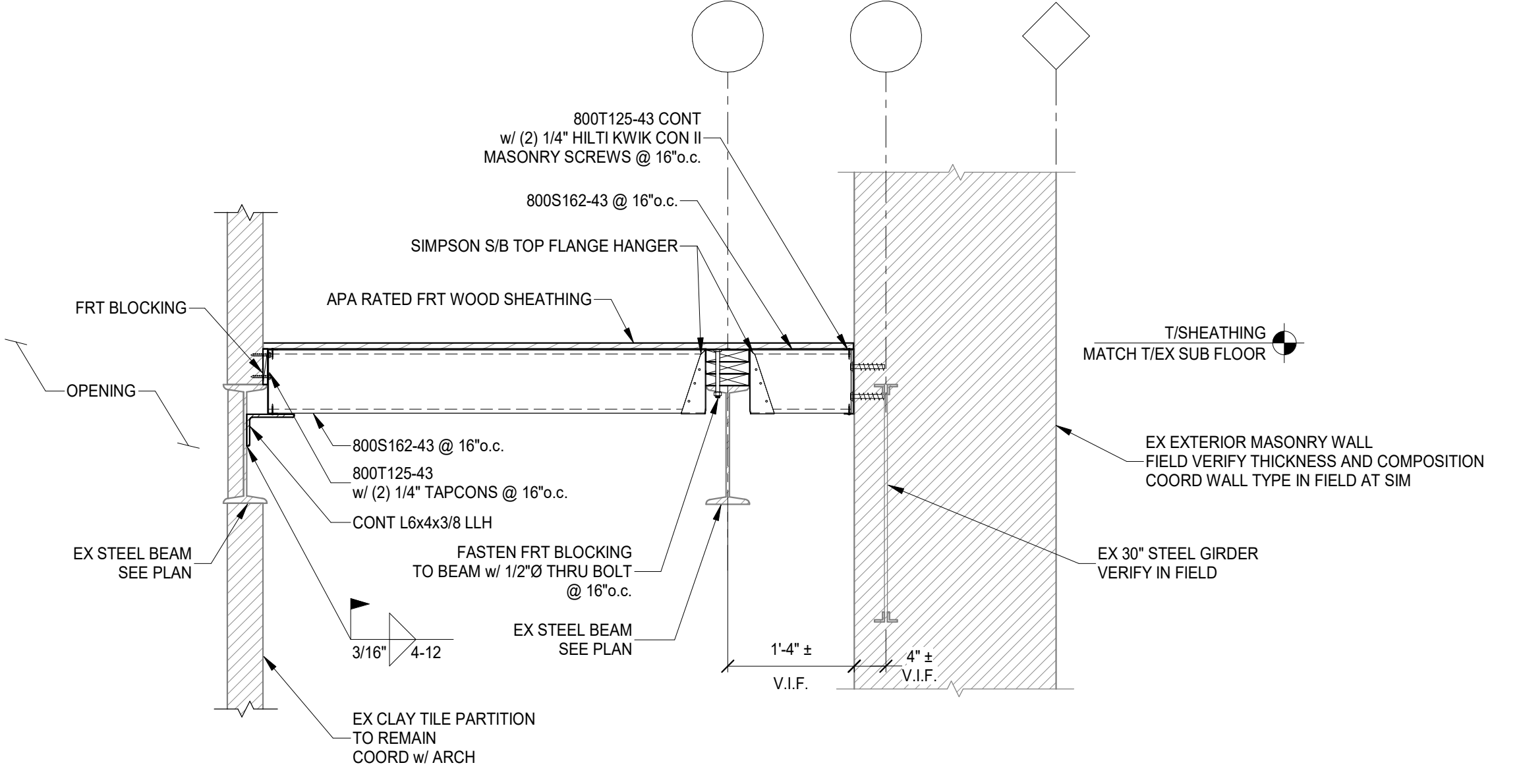
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FOUNDATION SECTIONS

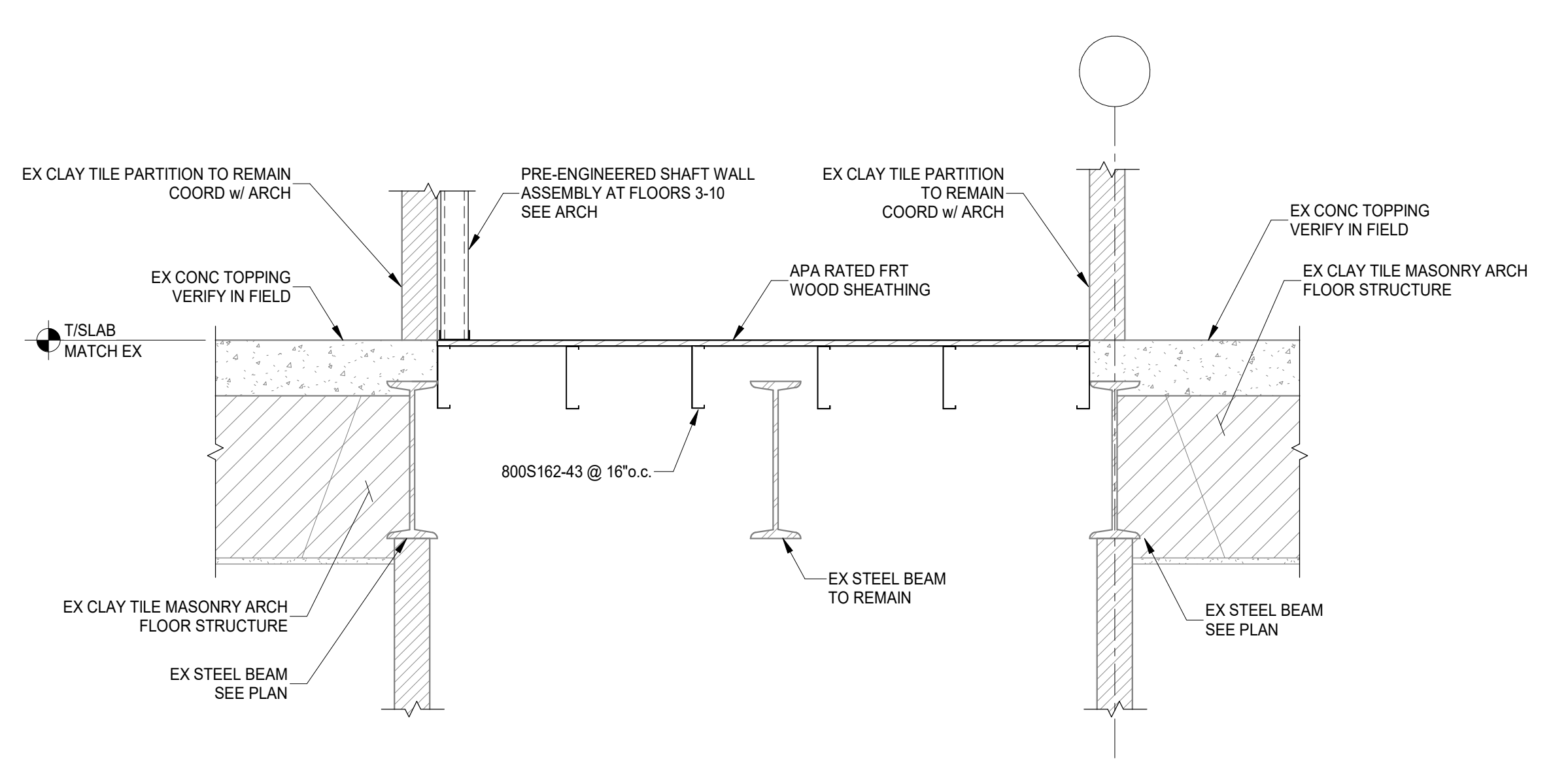
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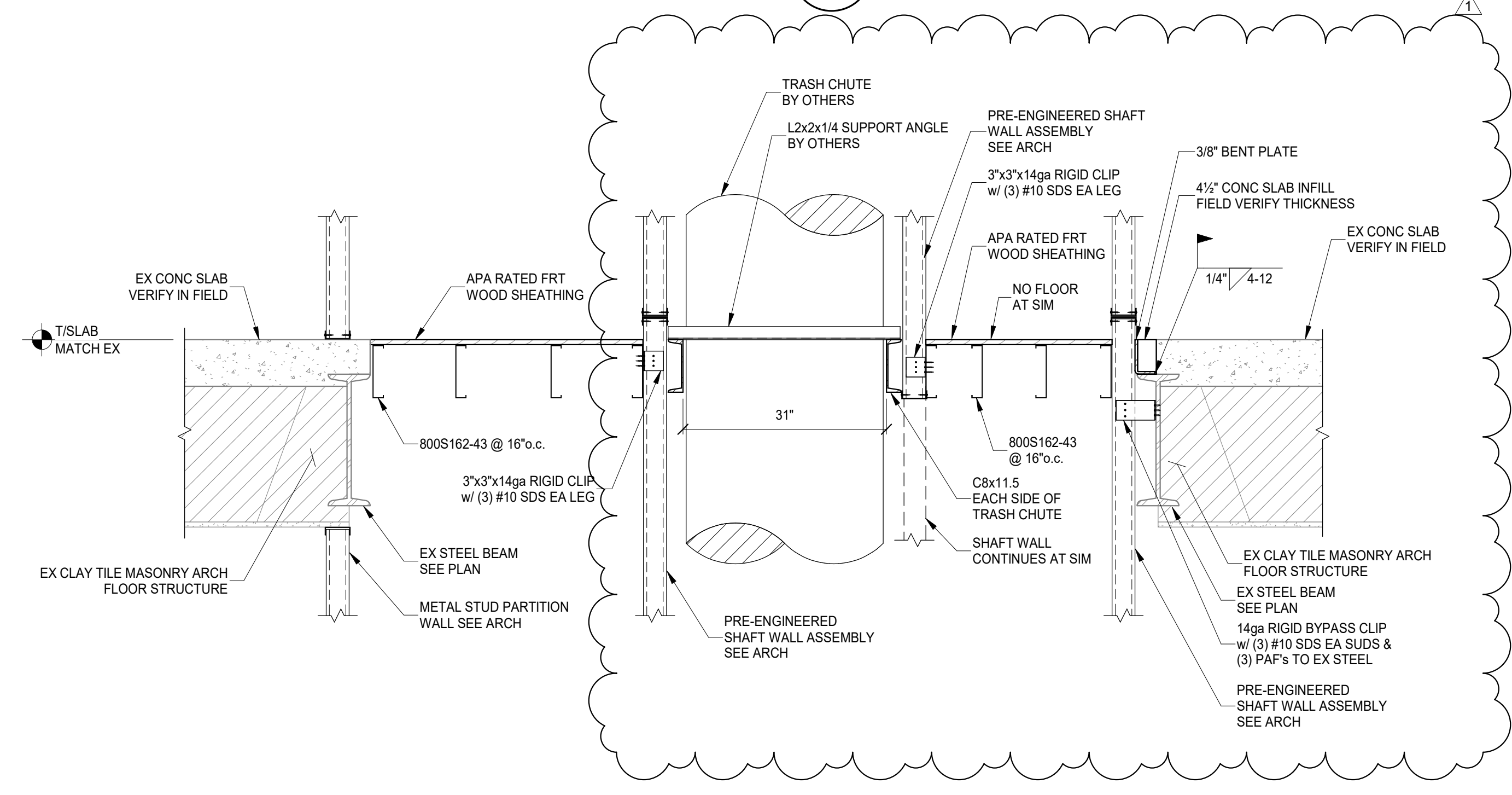
SECTION 1
SCALE 3/4" = 1'-0" S310



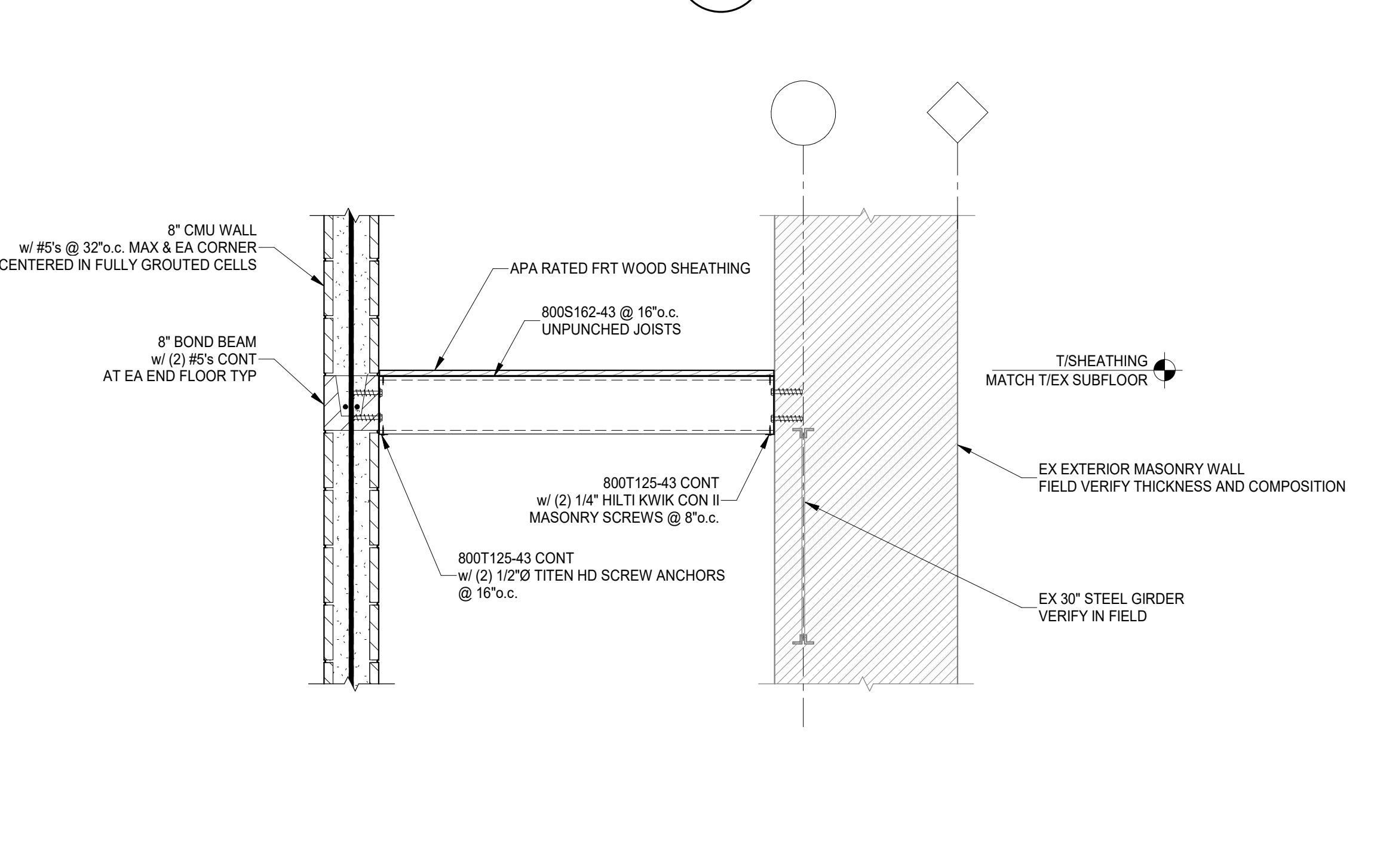
SECTION 2
SCALE 3/4" = 1'-0" S310



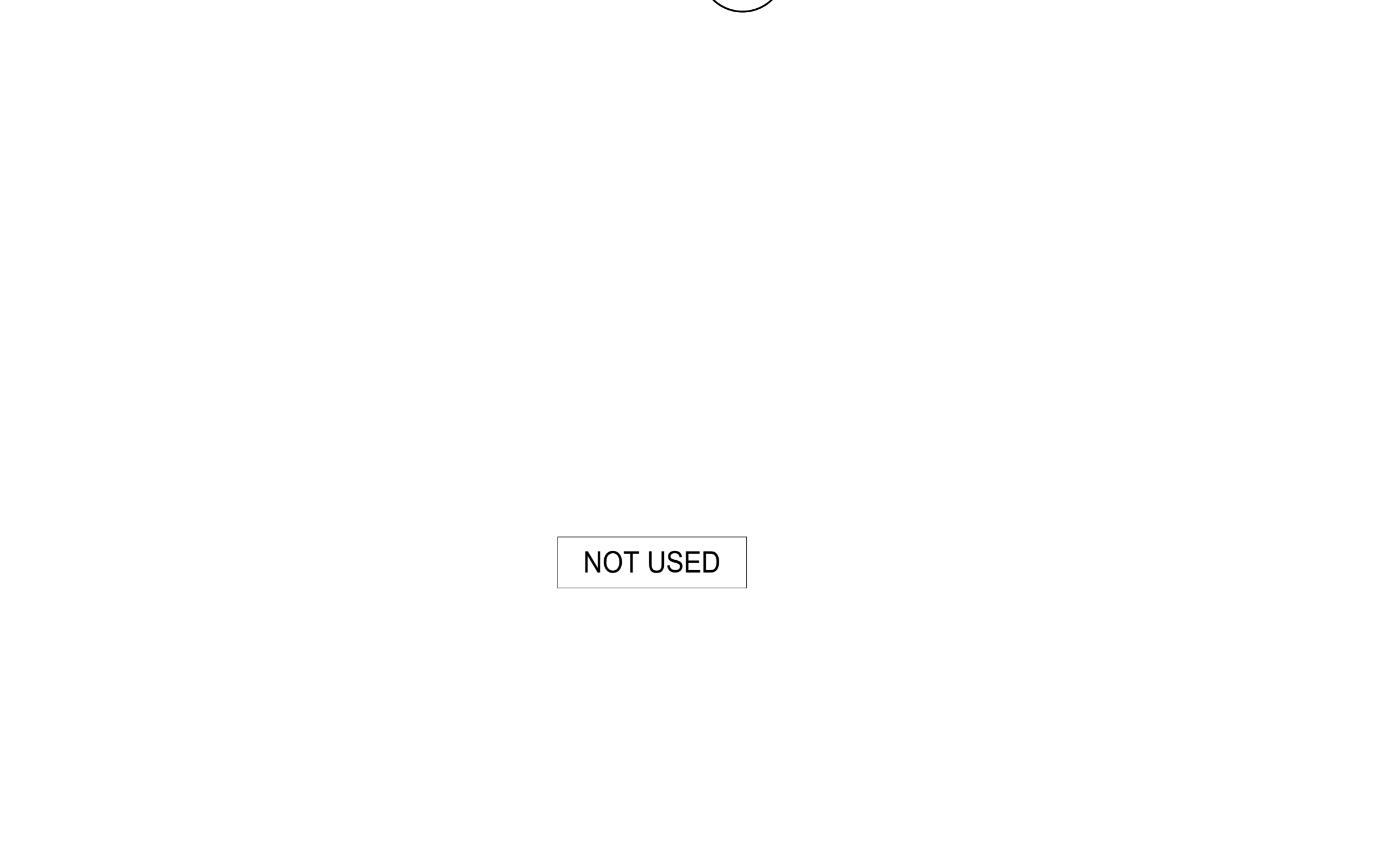
SECTION 3
SCALE 3/4" = 1'-0" S310



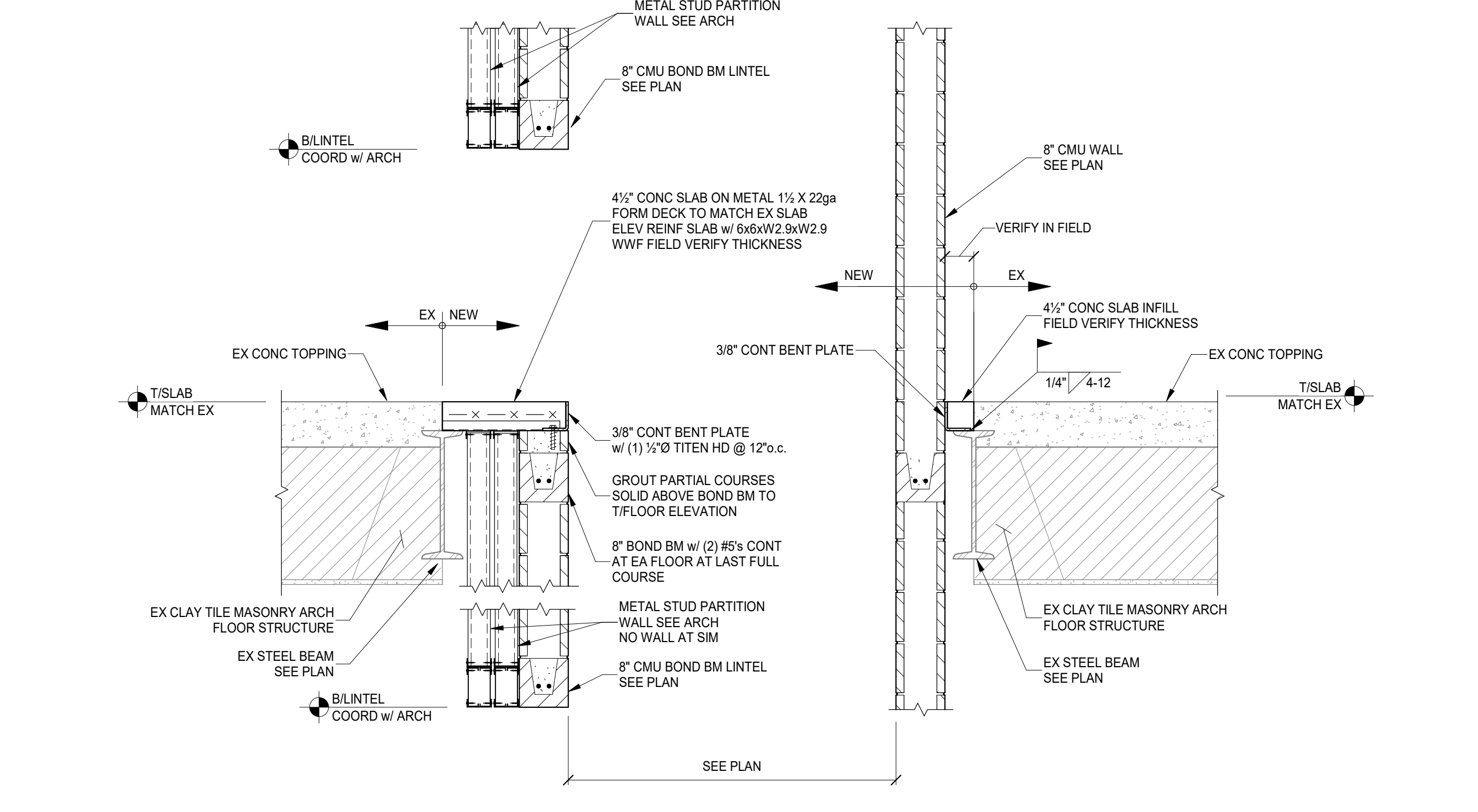
SECTION 4
SCALE 3/4" = 1'-0" S310



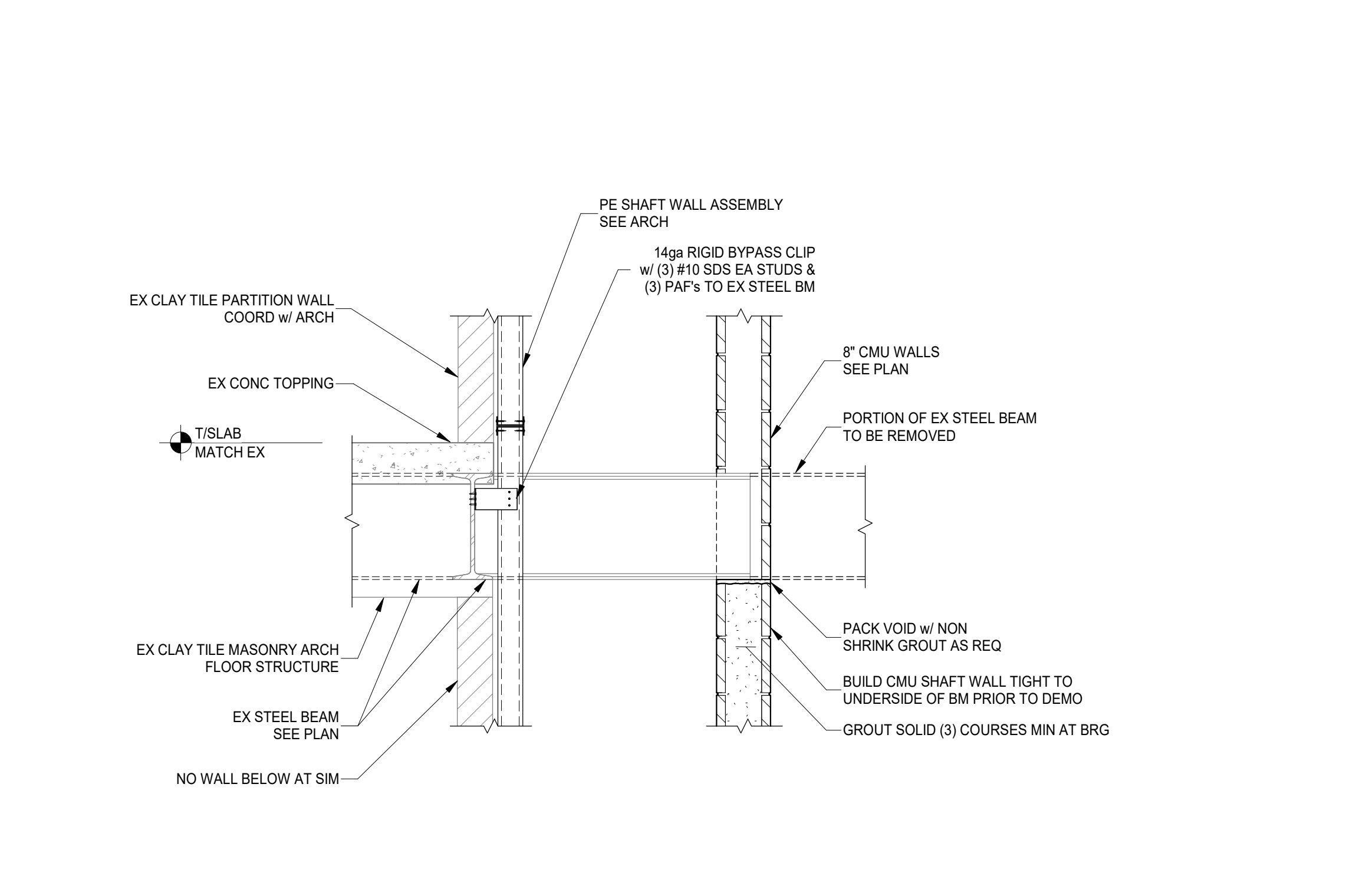
SECTION 5
SCALE 3/4" = 1'-0" S310



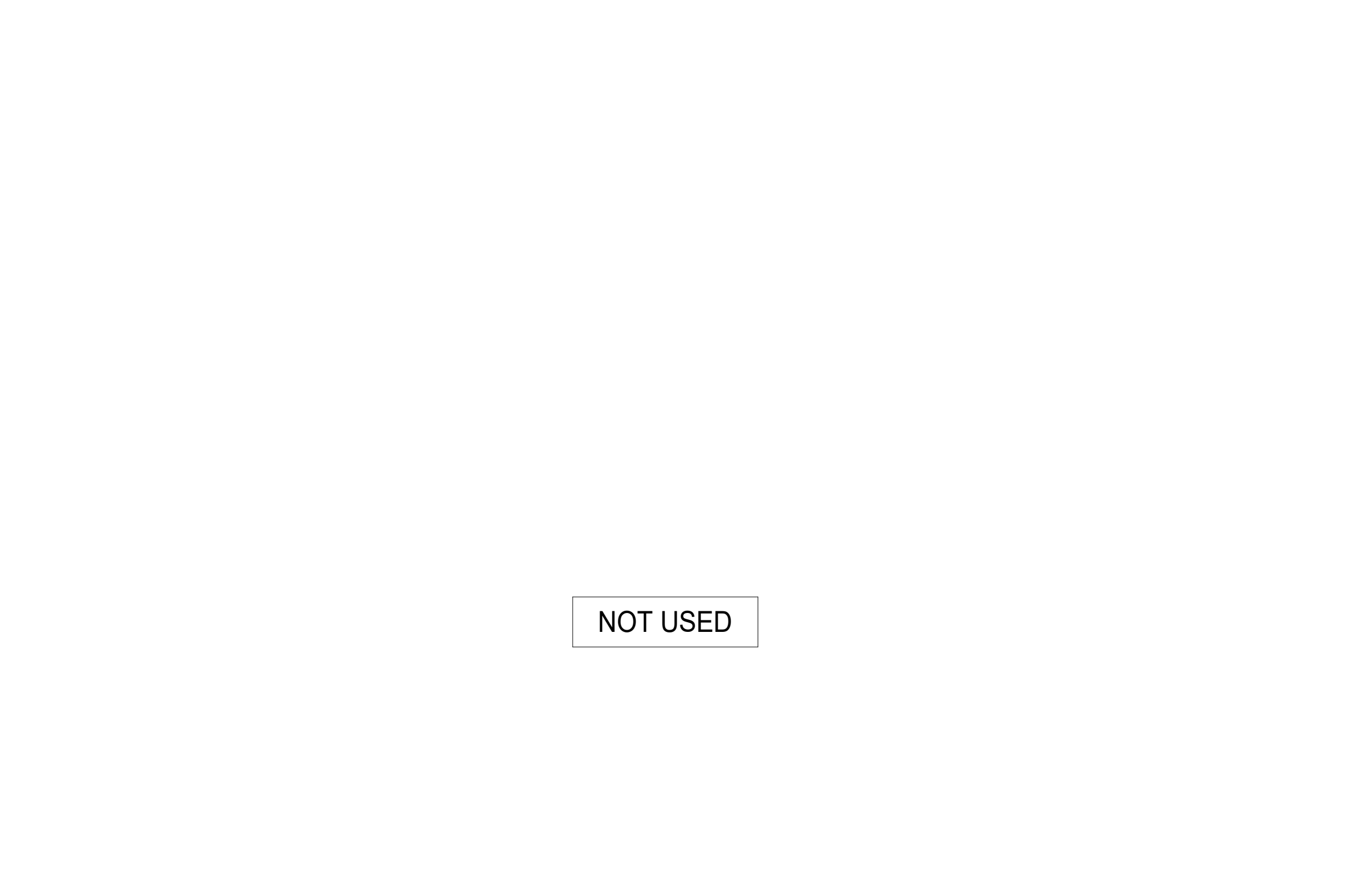
SECTION 6
SCALE 3/4" = 1'-0" S310



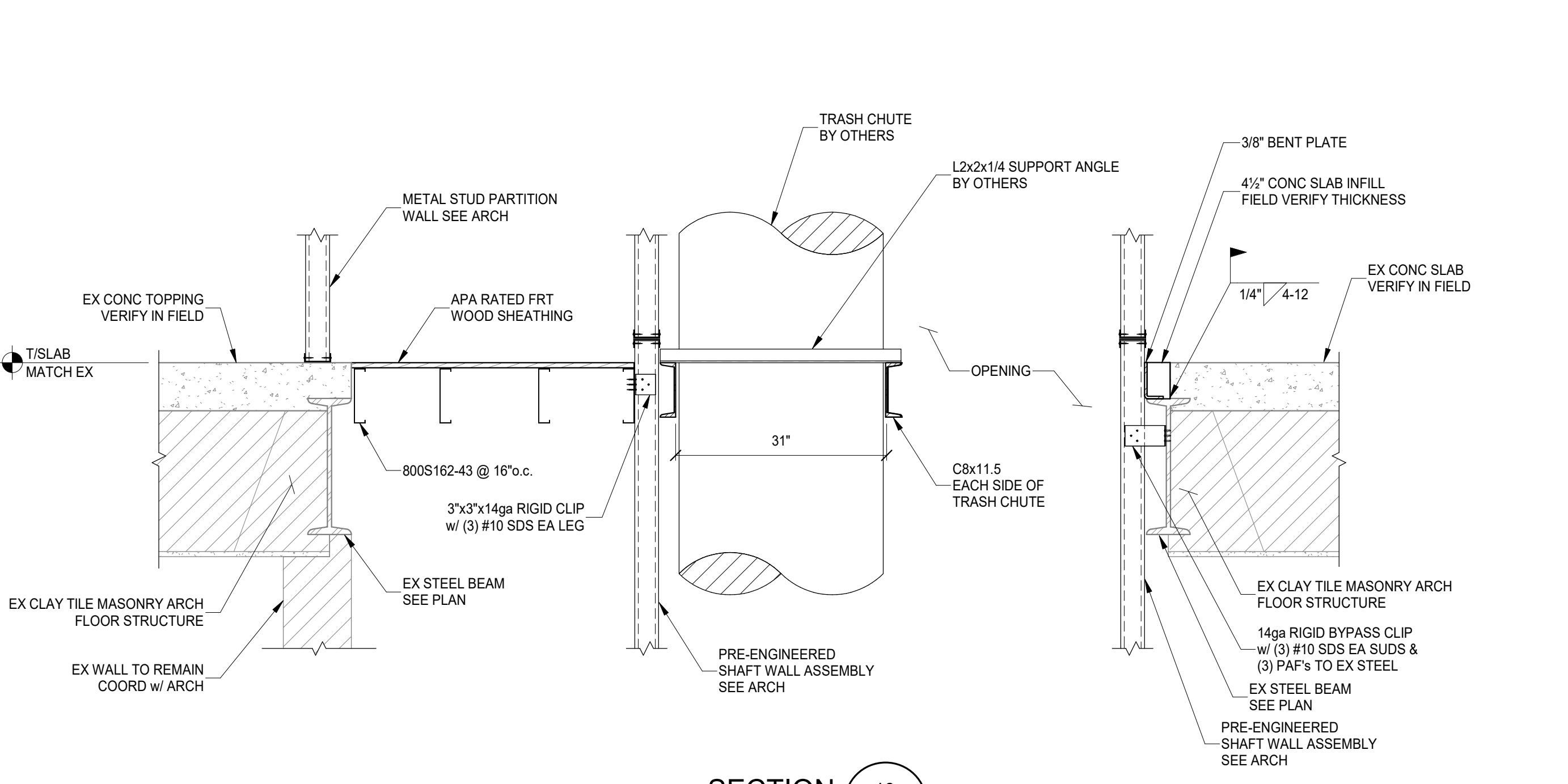
SECTION 7
SCALE 3/4" = 1'-0" S310



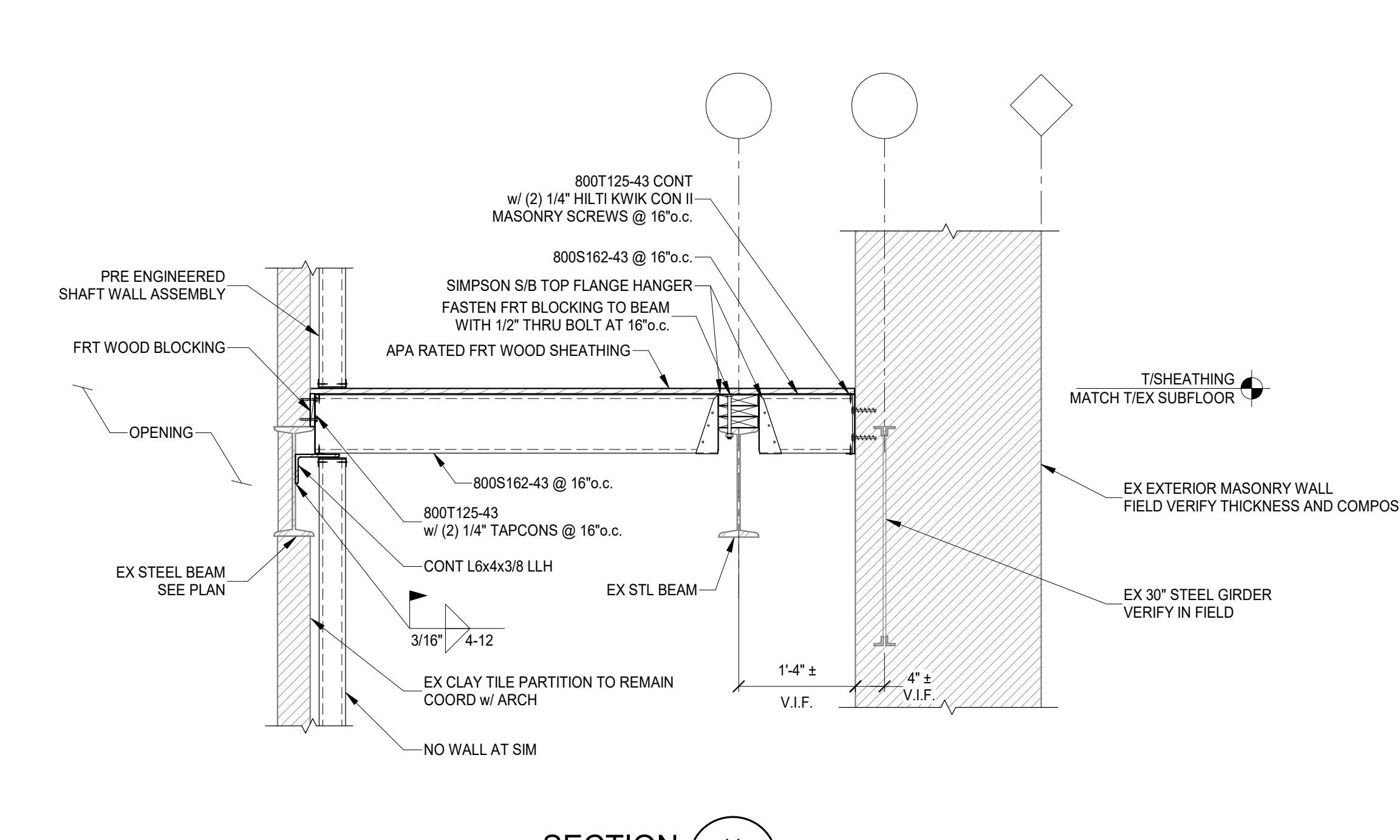
SECTION 8
SCALE 3/4" = 1'-0" S310



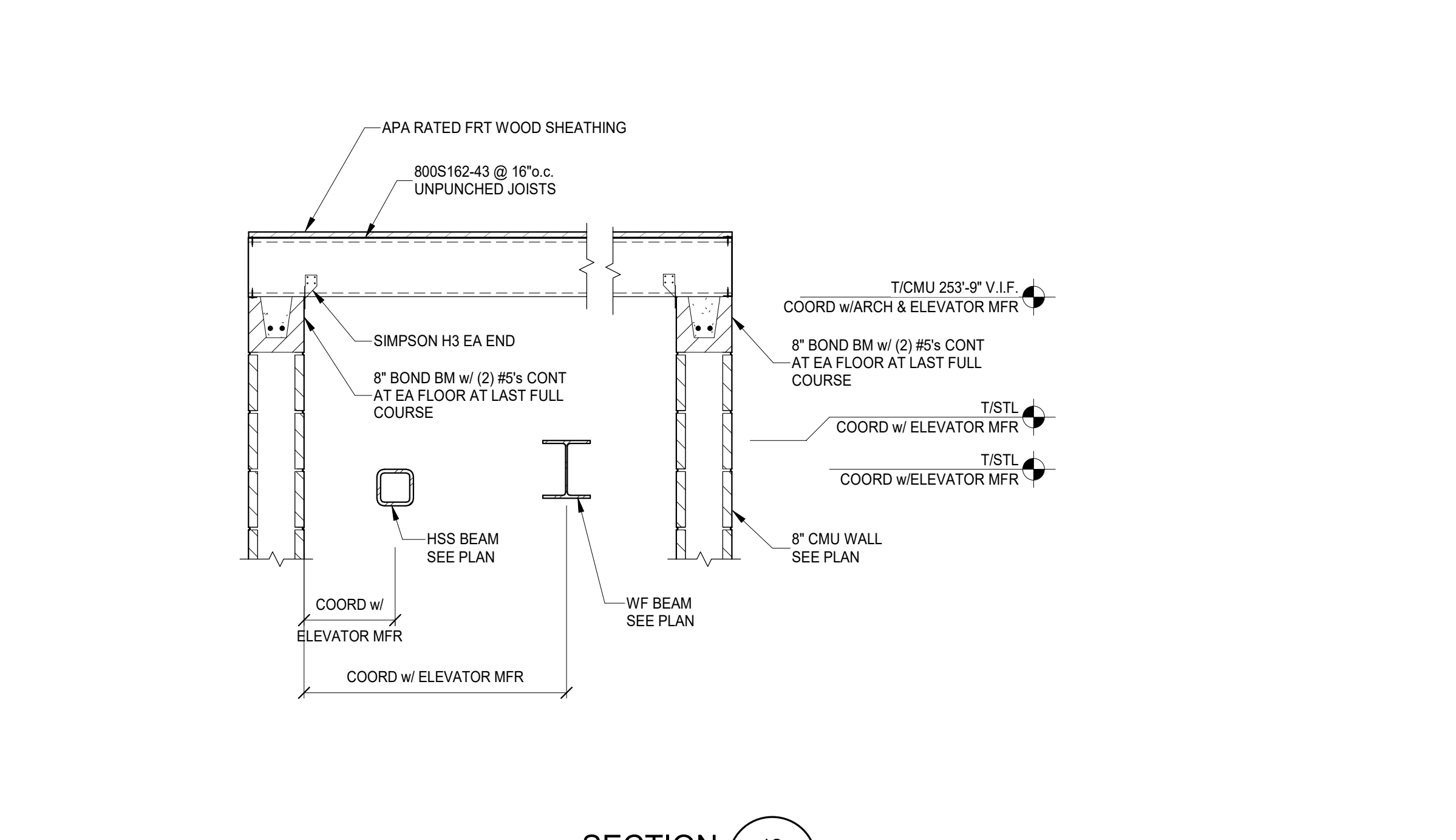
SECTION 9
SCALE 3/4" = 1'-0" S310



SECTION 10
SCALE 3/4" = 1'-0" S310



SECTION 11
SCALE 3/4" = 1'-0" S310



SECTION 12
SCALE 3/4" = 1'-0" S310

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FRAMING SECTIONS

S310

