

2025 JEFFERSONVILLE + CLARKSVILLE LIBRARY IMPROVEMENTS

JEFFERSONVILLE TOWNSHIP PUBLIC LIBRARY
1312 EASTERN BLVD.
CLARKSVILLE, IN 47129

CLARKSVILLE
VOLUME 2

DESIGN TEAM

ARCHITECT

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Architecture · Engineering · Interiors

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OWNER ADDRESS

JEFFERSONVILLE TOWNSHIP PUBLIC LIBRARY
211 E COURT AVE.
JEFFERSONVILLE, IN 47130

SITE ADDRESS

JEFFERSONVILLE TOWNSHIP PUBLIC LIBRARY -
CLARKSVILLE
1312 EASTERN BLVD
CLARKSVILLE, IN 47129

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LIBRARY

VOLUME 2 -
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SHEET TITLE
COVER SHEET

SHEET NUMBER
C-G001
25-196.000

DATE
OCTOBER 20, 2025

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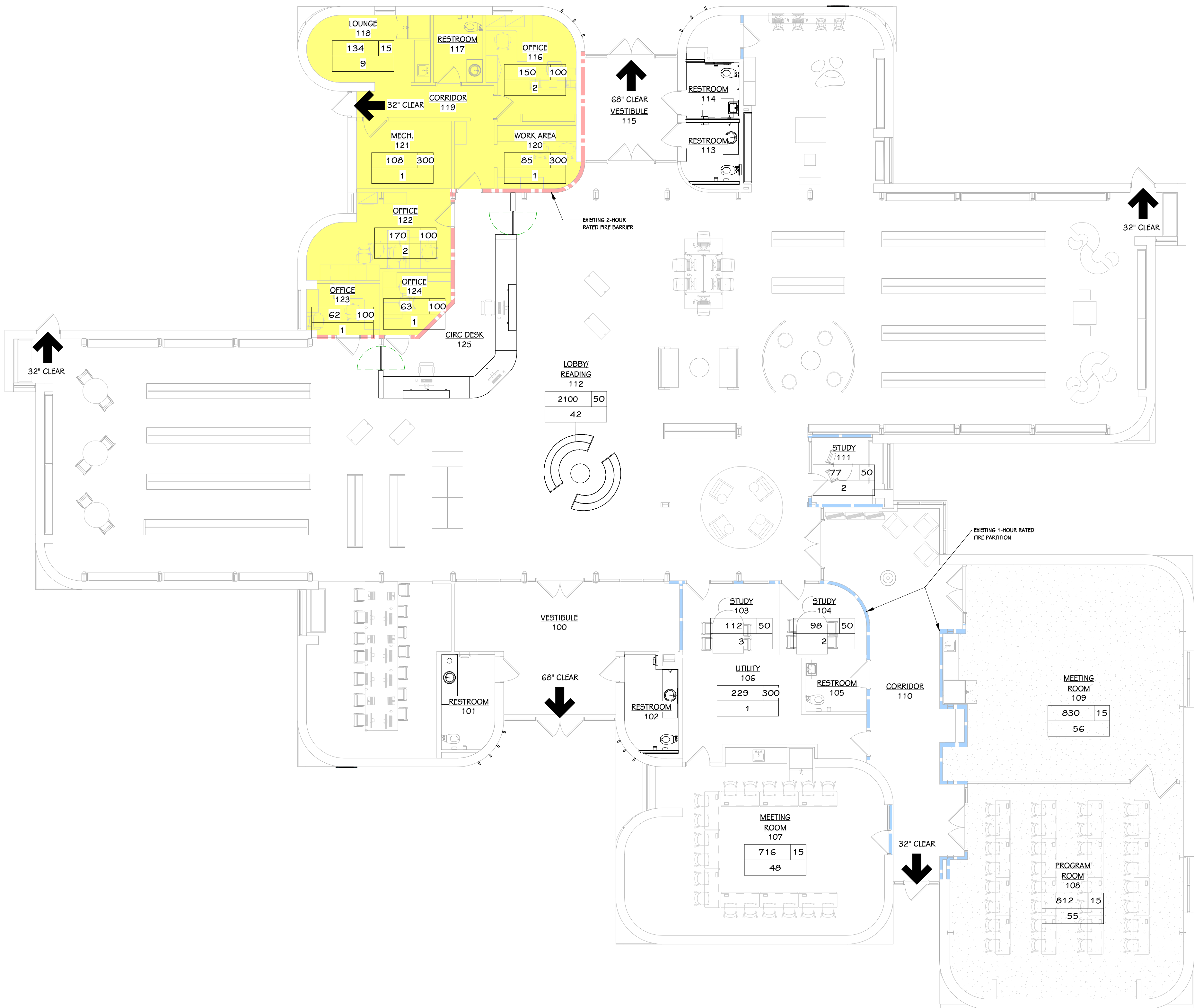
Notice

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CODE COMPLIANCE PLAN

1/8" = 1'-0"



CODE SUMMARY		
BUILDING OCCUPANCY:	A-3 OCCUPANCY	CODE REFERENCES
USE OCCUPANCY:	A-3	INBC, 303.4
CONSTRUCTION TYPE:	II-B	INBC, 602
AUTOMATIC SPRINKLER:	NONE	IBC, 903.2.1.3
ALLOWABLE AREA CALCULATION: BASIC ALLOWABLE AREA: MODIFIED ALLOWABLE AREA:	9,500 S.F. PER FLOOR 16,625 S.F. PER FLOOR	INBC, TABLE 503
EXISTING AREA:	12,716 S.F.	
TOTAL BUILDING AREA: (INCLUDING HORIZONTAL PROJECTIONS)	13,018 S.F.	
BUILDING HEIGHT:	1 STORY	INBC, TABLE 503

AREA MODIFICATION CALCULATIONS:

$$l_f = \left[\frac{F}{P} - 0.25 \right] \frac{W}{30} \quad (\text{INBC EQUATION 5-2})$$

$$l_f = \left[\frac{745}{745} - 0.25 \right] \frac{27}{30} = 0.75$$

$$A_a = A_t + \left[A_c \right] l_f + \left[A_s \right] \quad (\text{INBC EQUATION 5-1})$$

$$A_a = 9,500 + \left[9,500(0.75) \right] + \left[9,500(0) \right]$$

$$A_a = 9,500 + 7,125 + 0 = 16,625 \text{ SQ. FT. ALLOWABLE BUILDING AREA PER SQ. FT.}$$

PROVISIONS FOR USE AND OCCUPANCY:

- THE BUILDING IS CLASSIFIED AS AN "A-3" SINGLE OCCUPANCY. THE AGGREGATE ACCESSORY OCCUPANCIES DO NOT OCCUPY MORE THAN 10 PERCENT OF THE AREA OF THE STORY IN WHICH THEY ARE LOCATED AND DO NOT EXCEED THE TABULAR VALUE IN TABLE 503. (IBC - 508.2.1)

PROVISIONS FOR HEIGHT AND AREA:

- THE TABULATED AREA = "A-3" = 9,500 S.F. (IBC - TABLE 503)
- THE BUILDING IS PERMITTED TO BE THE FOLLOWING:
55 FEET IN HEIGHT AND TWO STORIES. (IBC - TABLE 503)

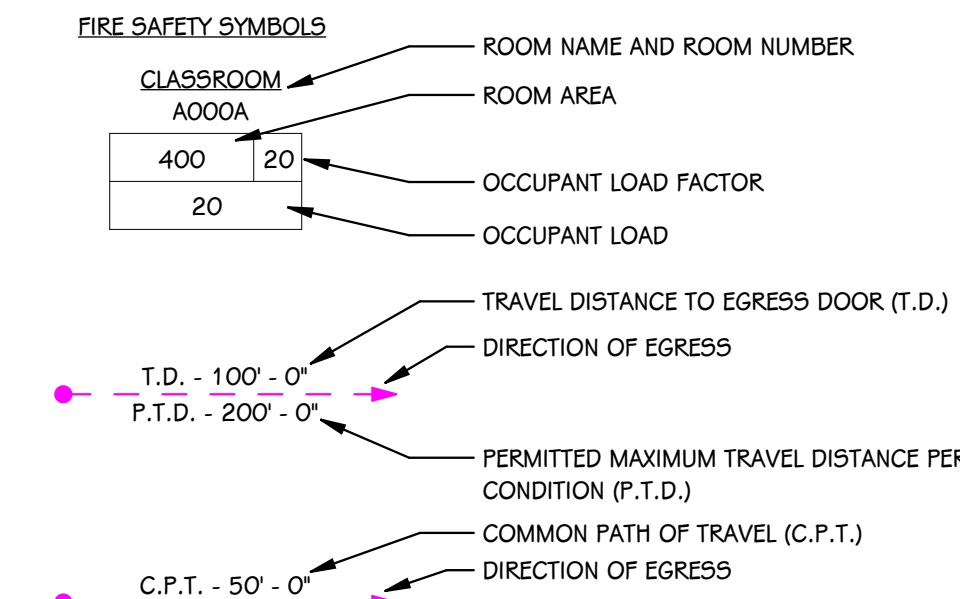
PROVISIONS FOR FIRE PROTECTION:

- THE EXISTING BUILDING IS PROTECTED BY AN EXISTING FIRE ALARM SYSTEM THROUGHOUT.
- NO SPRINKLER SYSTEM IS REQUIRED.

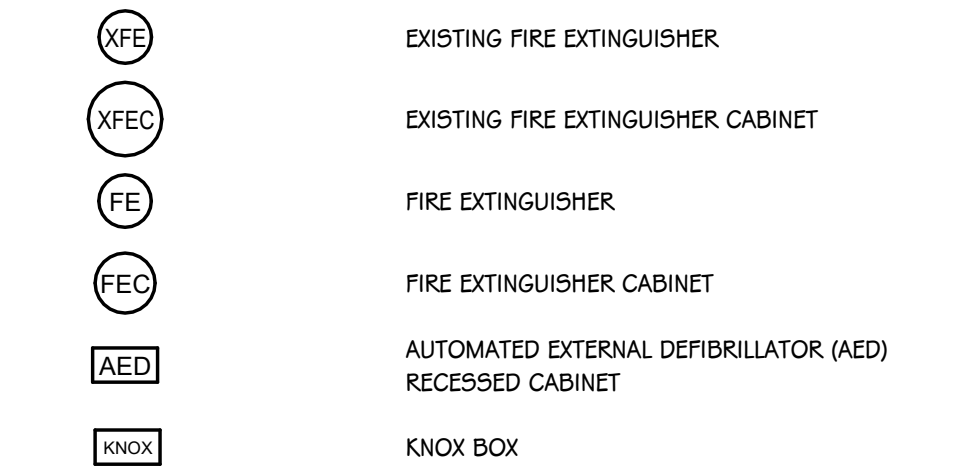
PROVISIONS FOR RATED WALLS:

- EXTERIOR WALLS:
(INBC - SECTION 705)
NONE REQUIRED.
- FIRE WALLS:
(INBC - SECTION 706)
NONE REQUIRED.
- FIRE BARRIERS:
(INBC - SECTION 707)
MAINTAIN EXISTING RESISTANCE RATED CONSTRUCTION.
- FIRE PARTITIONS:
(INBC - SECTION 708)
EXISTING CORRIDORS ARE REQUIRED TO BE 1-HOUR RESISTANCE RATED. MAINTAIN EXISTING RESISTANCE RATED CONSTRUCTION.
(INBC 708.1.4 AND 1016.1)
- SMOKE BARRIERS:
(INBC - SECTION 709)
NONE REQUIRED.
- SMOKE PARTITIONS:
(INBC - SECTION 710)
NONE REQUIRED.
- SHAFT ENCLOSURES:
(INBC - SECTION 713)
NONE REQUIRED.
- INCIDENTAL USE SEPARATION:
(INBC - SECTION 509)
NONE REQUIRED.

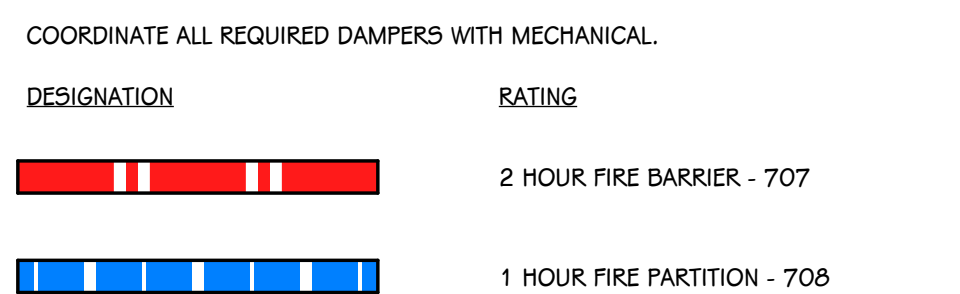
CODE COMPLIANCE KEY



FIRE SAFETY SYMBOLS



FIRE-RATING KEY



- ALL PENETRATIONS THROUGH A FIRE OR SMOKE RATED PARTITION SHOULD BE SEALED WITH AN APPROVED U.L. RATED PRODUCT.
 - THE TOPS OF ALL FIRE RATED PARTITIONS SHALL BE SEALED TO THE CONTINUOUS STRUCTURE ABOVE WITH A U.L. RATED SYSTEM OR ASSEMBLY.
 - WOOD BLOCKING IN FIRE-RATED PARTITIONS SHALL BE NON-COMBUSTIBLE TREATED WOOD.
 - REFER TO SPECIFICATION U.L. RATING INFORMATION.
- FOR MASONRY WALLS THE MASON SHALL FILL VOIDS AND FIRE SPRAY WITH UL LISTED MATERIAL.
 - FOR STUD WALLS USE FIRE SAFING AND FIRE CAULK.

REFERENCED CODE

BUILDING: GENERAL ADMINISTRATIVE RULES (675 IAC 12); 2014 INDIANA BUILDING CODE (675 IAC13); 2014 INDIANA FIRE CODE (675 IAC 22)

ENERGY: 2010 INDIANA ENERGY CONSERVATION CODE (675 IAC 19)

PLUMBING: 2012 INDIANA PLUMBING CODE (675 IAC 16)

MECHANICAL: 2014 INDIANA MECHANICAL CODE (675 IAC 18)

FUEL GAS: 2014 INDIANA FUEL GAS CODE (675 IAC 29)

ELECTRICAL: 2009 INDIANA ELECTRICAL CODE (675 IAC 17)

BARRIER FREE: CHAPTER 11 - ACCESSIBILITY

USE GROUP: A3

CONSTRUCTION TYPE: II-B

SPRINKLERS: NONE

PROJECT AREA

TOTAL FINISHED PROJECT 12716 SF

GENERAL NOTES:

- IN ANY AND ALL RATED WALL ASSEMBLIES, THE WALL IS TO CONTINUE TO THE UNDERSIDE OF THE FLOOR OR ROOF DECK ABOVE, UNLESS OTHERWISE NOTED ON WALL SECTIONS. FIRESTOP TOP OF WALL TO DECK.
- IN ANY AND ALL RATED WALL ASSEMBLIES, ANY AND ALL PENETRATIONS SHALL MAINTAIN THE REQUIRED RATED PROTECTION BY FIRESTOPPING ALL MATERIALS, AT ALL EDGES AND OPENING THROUGH THE WALL, SO THAT THERE IS NO OPEN PASSAGE THROUGH THE WALL OR BREACH IN THE RATED ASSEMBLY.
- IN ANY AND ALL RATED WALL ASSEMBLIES, THE REQUIRED RATING OF THE OPENING IS AS INDICATED ON THE PLAN FOR EACH WALL.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE PROTECTION AT RATED WALLS AS REQUIRED FOR ALL TRADES AND ALL COMPONENTS, WHETHER OR NOT ITEMS ARE SPECIFICALLY INDICATED ON OTHER DRAWING SHEETS.
- REFER TO PLANS, SECTIONS, DETAILS, AND OTHER DRAWINGS IN THE CONSTRUCTION DOCUMENT SET FOR OTHER INFORMATION IN REFERENCE TO CODE REQUIREMENTS.

MARKING AND IDENTIFICATION NOTES:

- WHERE THERE IS AN ACCESSIBLE CONCEALED FLOOR, FLOOR CEILING, OR ATTIC SPACE: FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE BARRIERS, AND SMOKE PARTITIONS OR ANY OTHER WALL REQUIRED TO HAVE PROTECTED OPENINGS OR PENETRATIONS SHALL BE EFFECTIVELY AND PERMANENTLY IDENTIFIED WITH SIGNS OR STENCILING IN THE CONCEALED SPACE.
- SUCH IDENTIFICATION SHALL:
 - BE LOCATED WITHIN 15' OF EACH WALL AND AT INTERVALS NOT EXCEEDING 30' MEASURED HORIZONTALLY ALONG THE WALL OR PARTITION.
 - INCLUDE LETTERING NOT LESS THAN 3" IN HEIGHT WITH A MINIMUM 3/8" STROKE IN A CONTRASTING COLOR INCORPORATING THE SUGGESTED WORDING "FIRE AND/OR SMOKE BARRIER - PROTECT ALL OPENINGS" OR SIMILAR WORDING. (IBC 703.7)

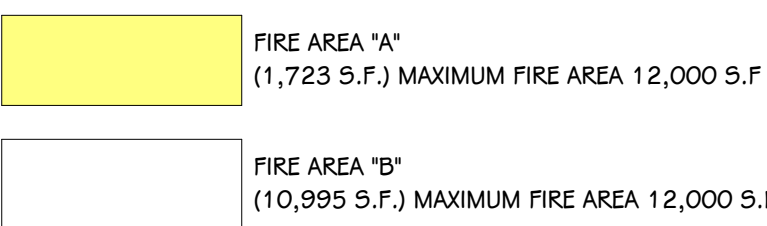
DOOR EGRESS WIDTH REQUIRED = 226 OCCUPANTS X 0.20 PER OCCUPANT = 46"

DOOR EGRESS WIDTH PROVIDED = 264"

2 EXITS REQUIRED.

6 EXITS PROVIDED.

FIRE AREA KEY



NOTE:
EGRESS WIDTH AND
NUMBER OF EXITS ARE
NOT BEING AFFECTED
BY THIS PROJECT

THIS DRAWING SHEET IS INTENDED TO BE PLOTTED IN
COLOR. IF THIS TEXT APPEARS IN BLACK AND WHITE,
IT IS PLOTTED INCORRECTLY. DISCARD AND OBTAIN
AN ACCURATE DRAWING

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CODE COMPLIANCE PLAN

1312 EASTERN BLVD.
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VOLUME 2 -
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25-196.000

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LANDSCAPE DEMOLITION PLAN

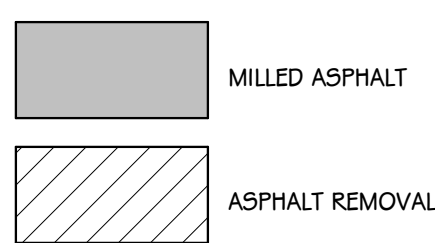
1" = 20'-0"



NOTES - SITE PLAN

1. CALL 811 AND HAVE EXISTING UTILITY LOCATIONS MARKED PRIOR TO ANY EXCAVATIONS OR INSTALLATIONS ON SITE.
2. EXISTING INFORMATION SHOWN HEREIN IS APPROXIMATE AND MUST BE FIELD VERIFIED PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY.
3. ALL EXISTING INFORMATION SHOWN IS FROM THE SITE TOPOGRAPHIC SURVEY PRODUCED BY FORESIGHT.
4. COORDINATE ALL WORK AND PERMITTING WITHIN THE ROAD RIGHT-OF-WAY WITH THE CITY OF CLARKSVILLE.
5. PROTECT ALL EXISTING TREES IDENTIFIED TO REMAIN. DO NOT STOCKPILE MATERIAL OR OPERATE EQUIPMENT WITHIN THE TREES DRIP LINE/ROOT ZONE.
6. SEED AND TOPSOIL ALL DISTURBED AREAS AS STATED IN THE SPECIFICATIONS.
7. PROTECT ALL ELEMENTS OUTSIDE THE SCOPE OF WORK DURING DEMOLITION AND CONSTRUCTION.
8. PHASING FOR DEMOLITION AND PAVING OF THE PARKING LOTS TO BE COORDINATED WITH OWNER AND ARCHITECT.

LANDSCAPE DEMOLITION KEY



KEYED NOTE - LANDSCAPE - DEMOLITION

- 1 REMOVE ASPHALT SURFACE COURSE, BINDER COURSE, AND BASE IN HATCH SHOWN
- 2 EXISTING ASPHALT SURFACE COURSE TO BE MILLED DOWN TO BINDER COURSE
- 3 SIGNS TO BE PROTECTED DURING DEMOLITION AND CONSTRUCTION
- 4 EXISTING CURB TO REMAIN - PROTECT FROM DAMAGE
- 5 EXISTING TREES TO REMAIN - INSTALL TEMPORARY FENCING AT TREES DRIP LINE TO PROTECT ROOT ZONE FROM SOIL COMPACTION.
- 6 EXISTING LIGHT POLES TO REMAIN - PROTECT FROM DAMAGE
- 7 DUMPSTER FENCE TO BE COMPLETELY REMOVED, INCLUDING BUT NOT LIMITED TO FOOTINGS
- 8 SIGN TO BE REMOVED COMPLETELY REMOVED INCLUDING BUT NOT LIMITED TO FOOTINGS

THIS DRAWING SHEET IS INTENDED TO BE PLOTTED IN COLOR. IF THIS TEXT APPEARS IN BLACK AND WHITE, IT IS PLOTTED INCORRECTLY. DISCARD AND OBTAIN AN ACCURATE DRAWING

SHEET TITLE
LANDSCAPE DEMOLITION PLAN

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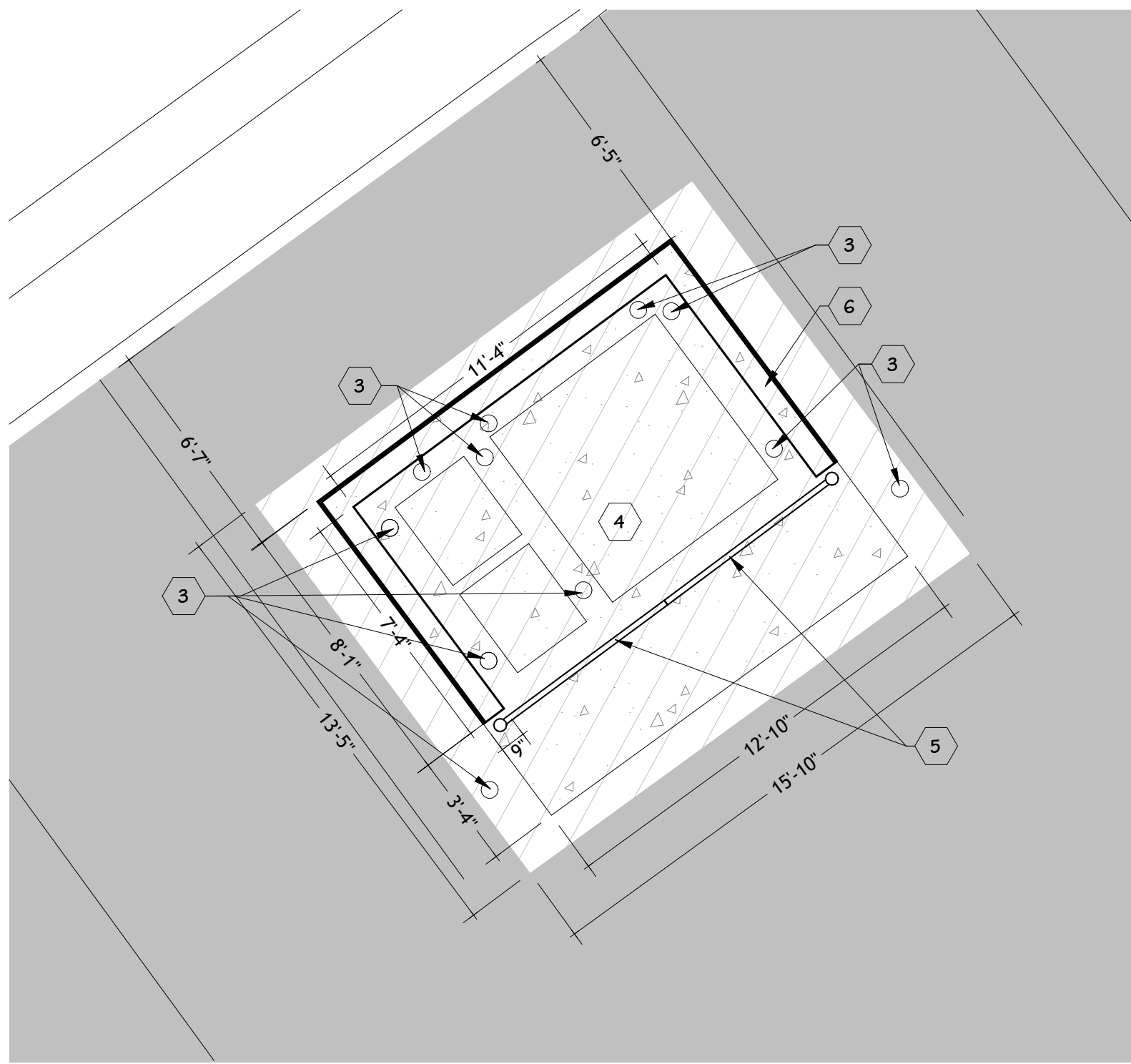
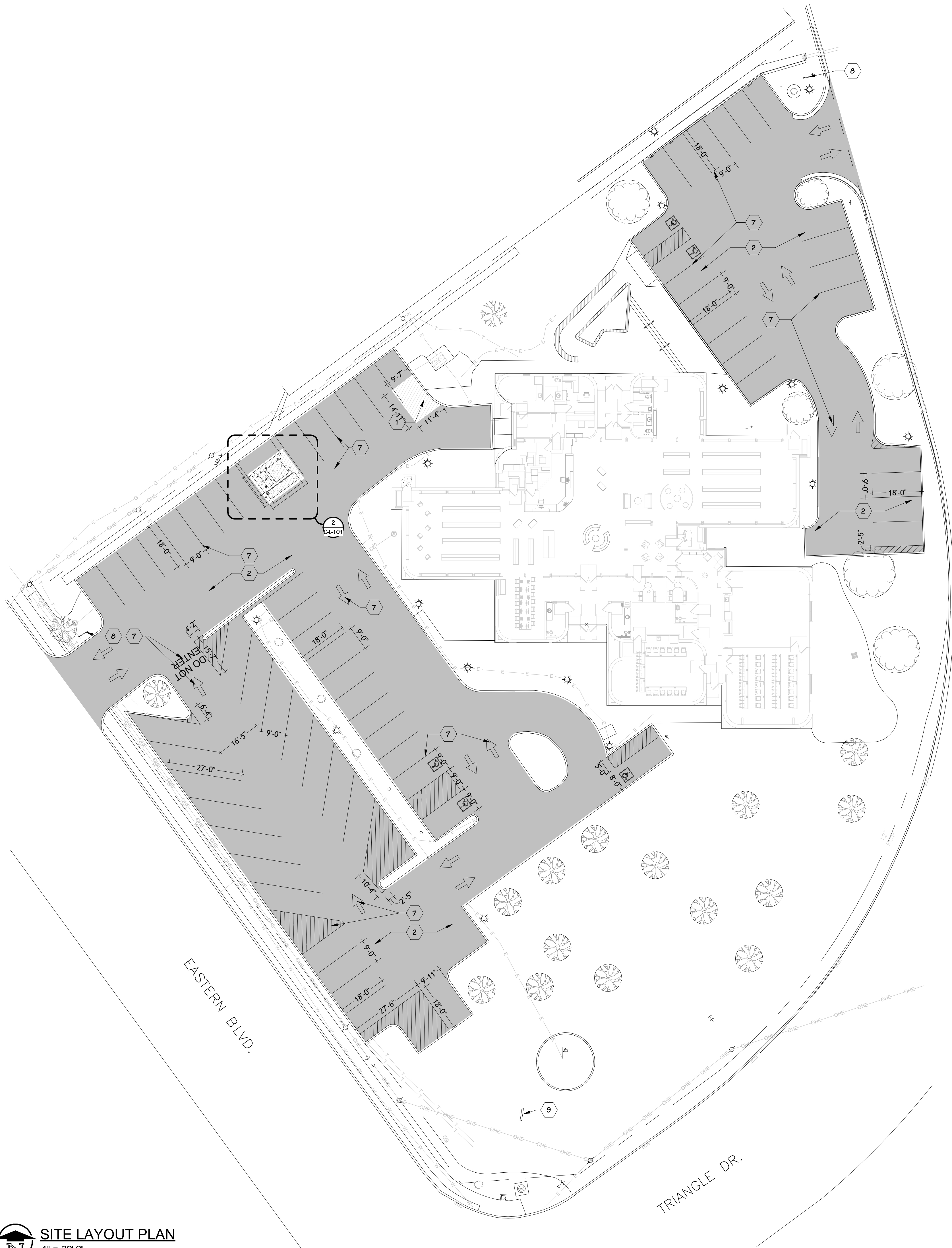
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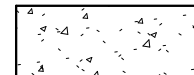
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 **SITE LAYOUT PLAN**
1" = 20'-0"



2
CL-101 **Dumpster Enclosure Enlargement**
1/4" = 1'-0"

NOTES - SITE PLAN
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7. PROTECT ALL ELEMENTS OUTSIDE THE SCOPE OF WORK DURING DEMOLITION AND CONSTRUCTION.
8. PHASING FOR DEMOLITION AND PAVING OF THE PARKING LOTS TO BE COORDINATED WITH OWNER AND ARCHITECT.
KEYED NOTES - LANDSCAPE - SITE
1 ASPHALT PAVEMENT - BASE AND SURFACE- REFER TO LEGEND FOR PAVEMENT TYPE AND DETAILS ON SHEET 4L-501.
2 ASPHALT SURFACE COAT ONLY - REFER TO LEGEND FOR PAVEMENT TYPE AND DETAILS ON SHEET 4L-501.
3 DUMPSTER BOLLARD - REFER TO DETAIL ON SHEET 3/L 501
4 CONCRETE DUMPSTER PAD - REFER TO DETAIL ON SHEET 6/L 501
5 DUMPSTER GATE - REFER TO DETAIL ON SHEET 9/L 501
6 DUMPSTER ENCLOSURE - REFER TO DETAIL ON SHEET 5/L 501
7 PAVEMENT STRIPING - REFER TO DETAIL ON SHEET 1/L 501
8 POST SIGN - REFER TO DETAIL ON SHEET 7/L 501
9 ELECTRONIC MONUMENT SIGN - REFER TO DETAIL ON SHEET 6/L 501 AND ALTERNATE 1B. FINAL LOCATION TO BE APPROVED BY OWNER AND PROJECT ARCHITECT BEFORE INSTALLATION.

LANDSCAPE KEY
HARDSCAPE
 ASPHALT SURFACE COAT ONLY
 ASPHALT PAVEMENT- BASE AND SURFACE
 CONCRETE PAVEMENT

SHEET TITLE
SITE LAYOUT PLAN

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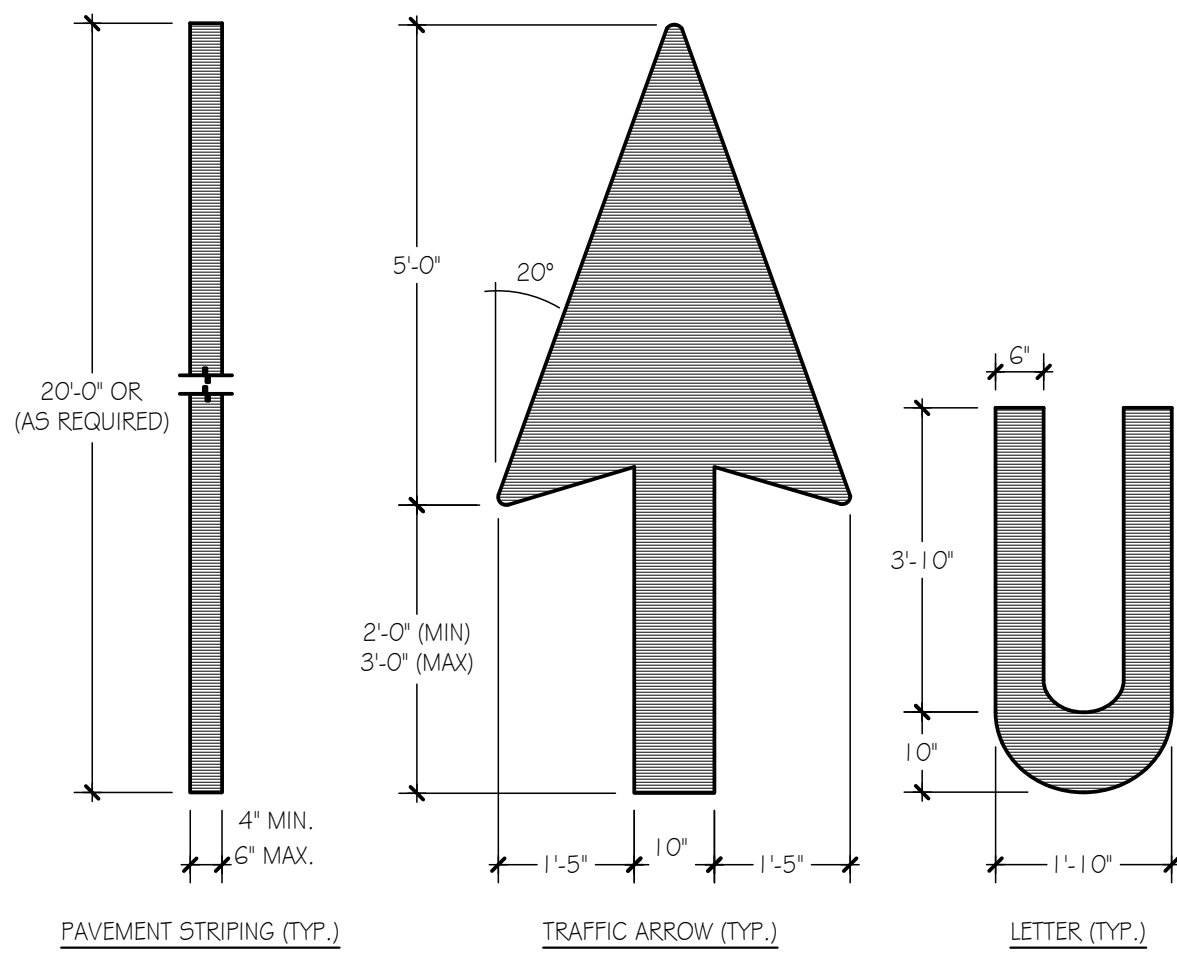
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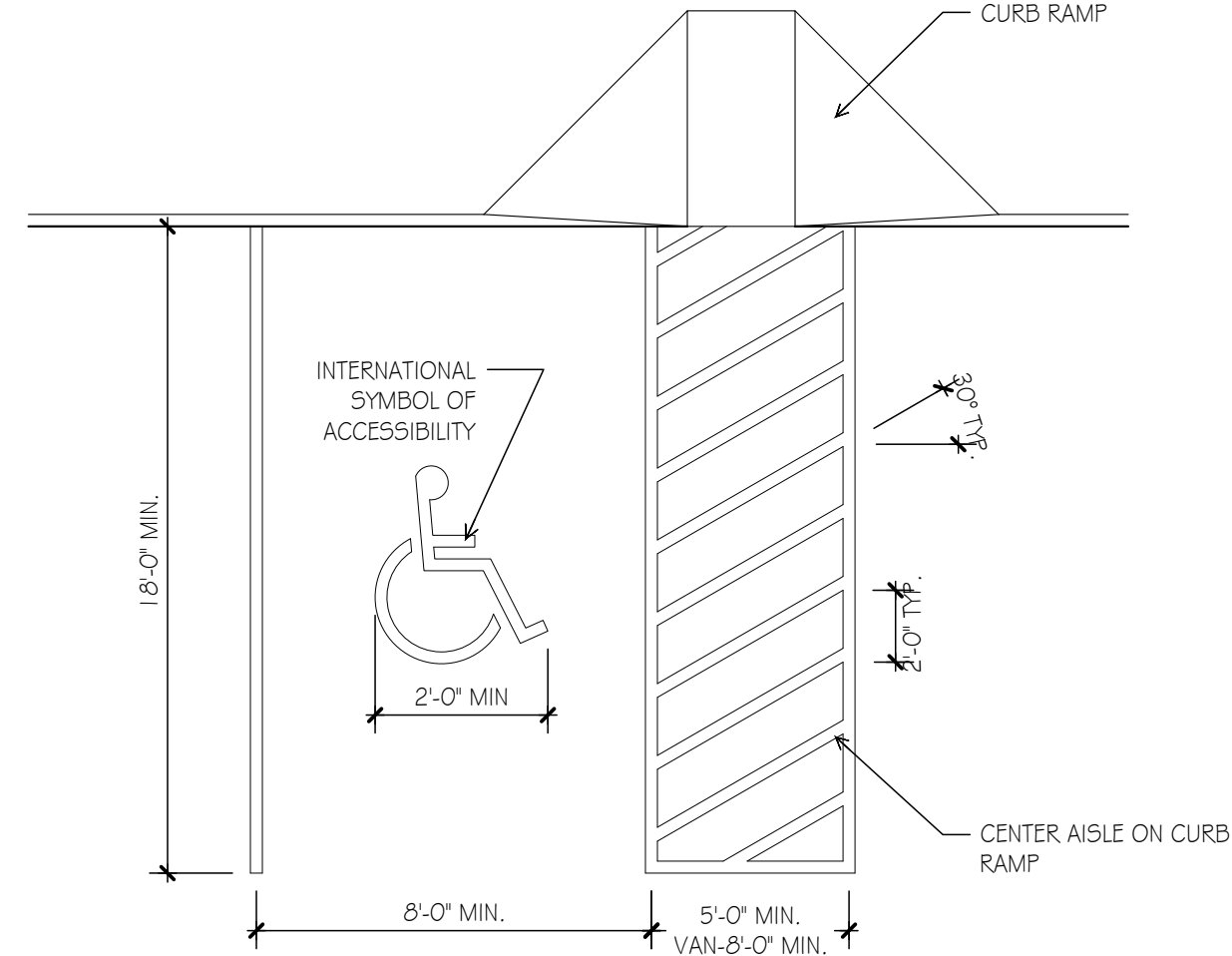
Olivia D. Garton

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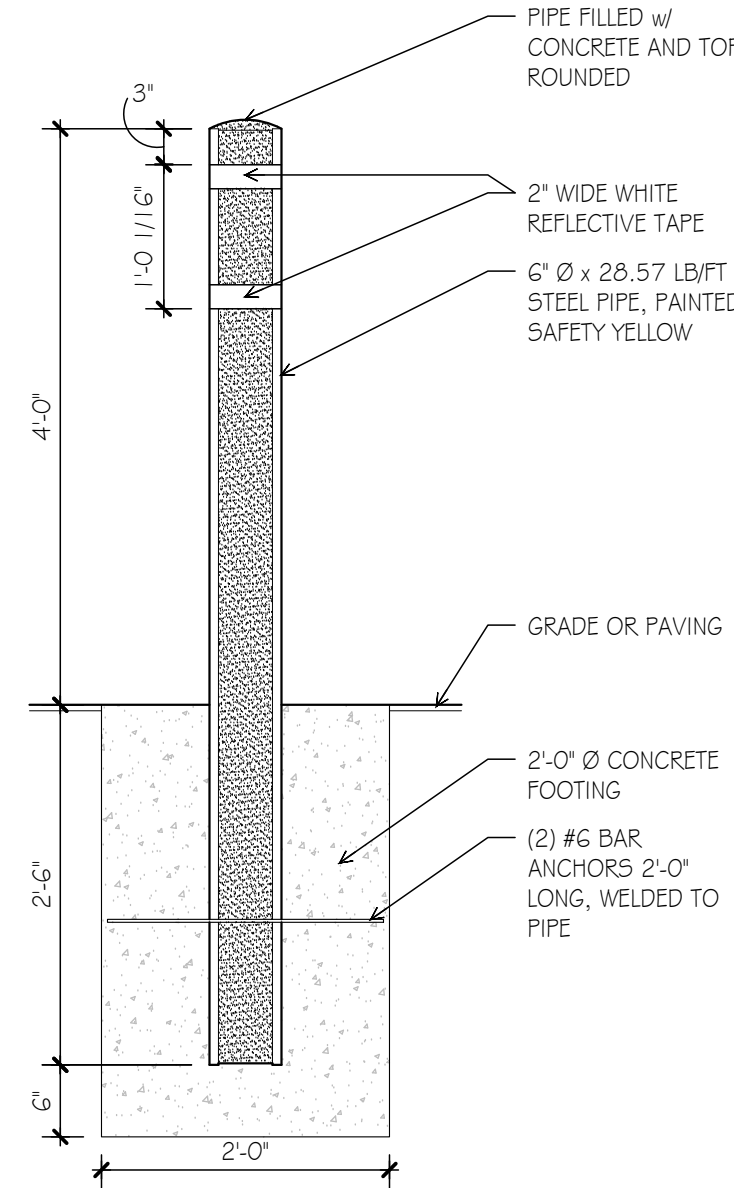
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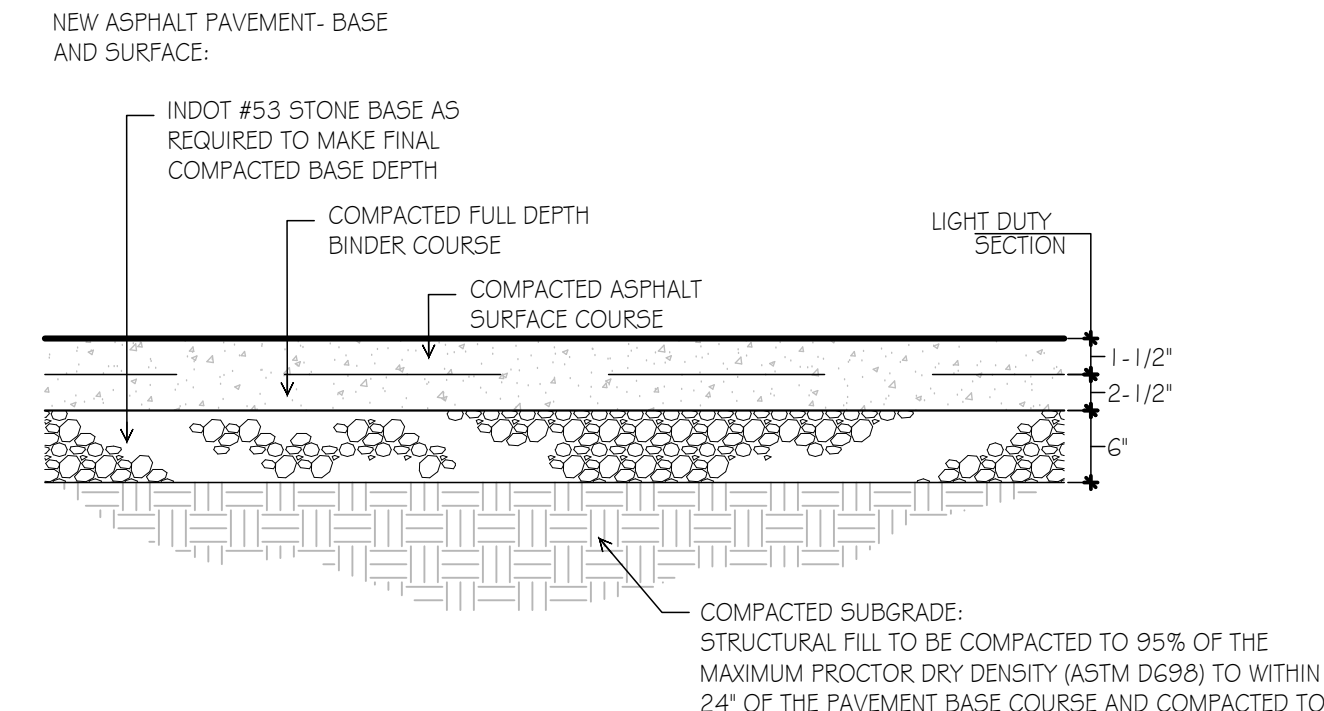
1 PAVEMENT STRIPING DETAIL
L-501 NOT TO SCALE



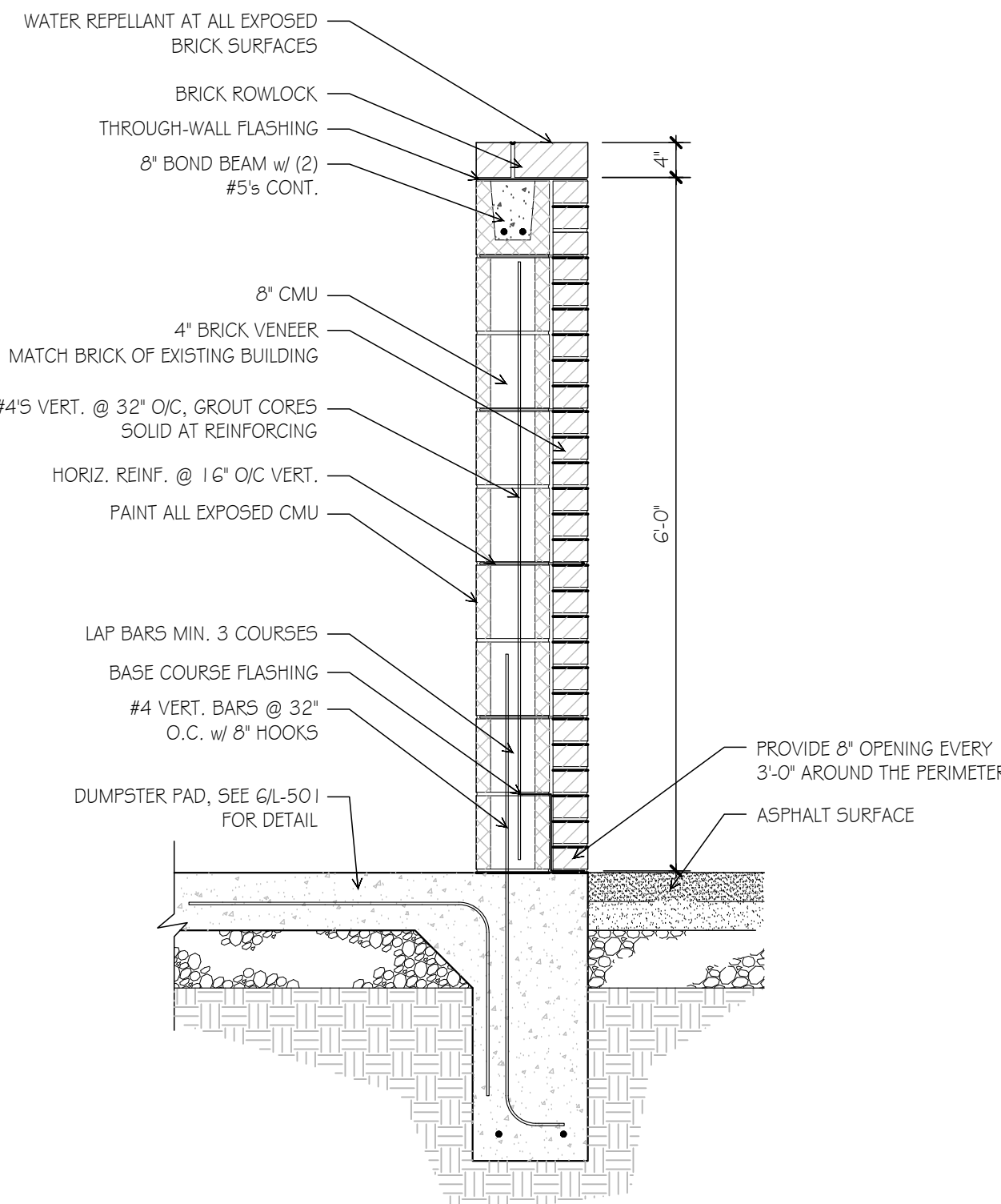
2 ACCESSIBILITY STRIPING DETAIL
L-501 NOT TO SCALE



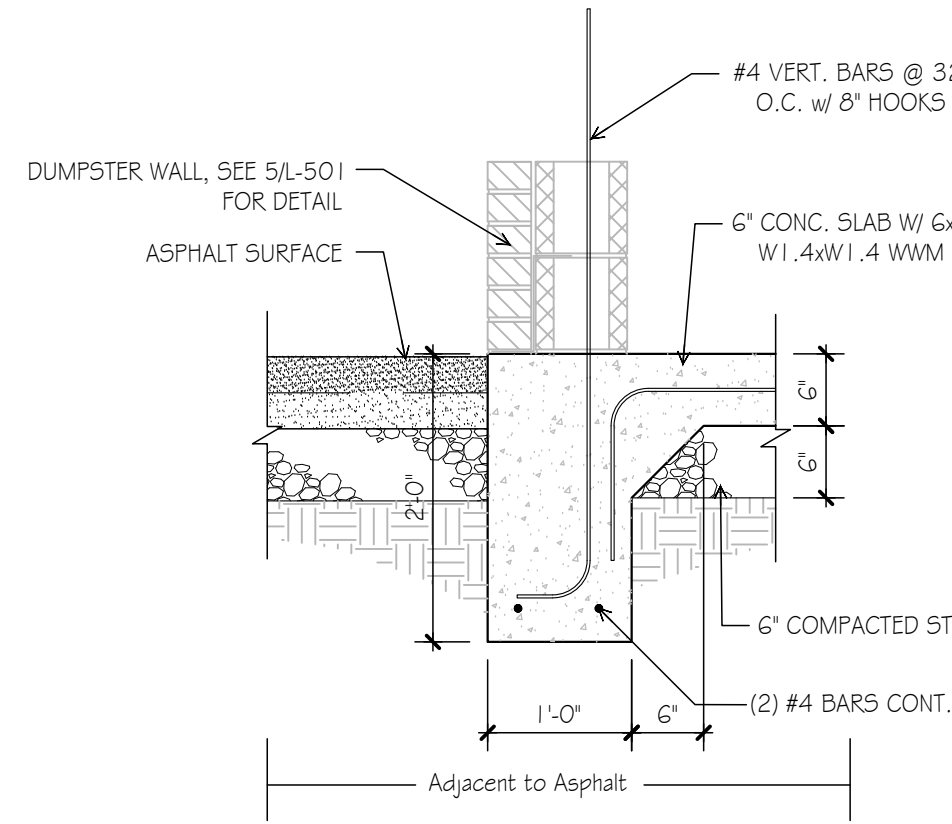
3 DUMPSTER BOLLARD DETAIL
L-501 NOT TO SCALE



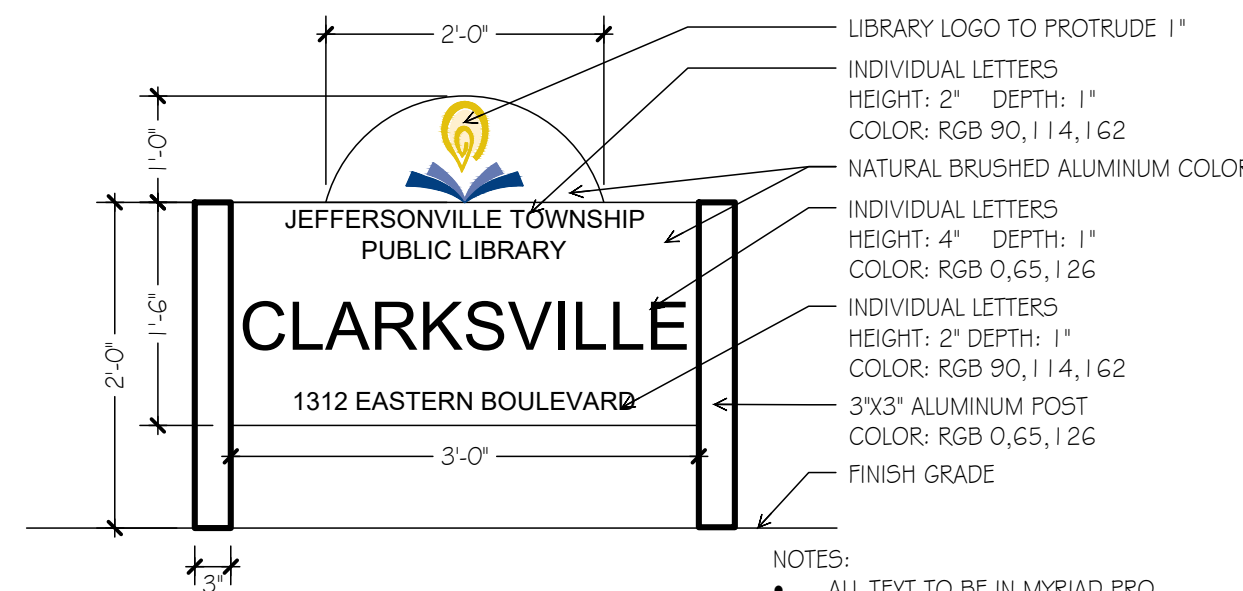
4 ASPHALT PAVEMENT DETAIL
L-501 NOT TO SCALE



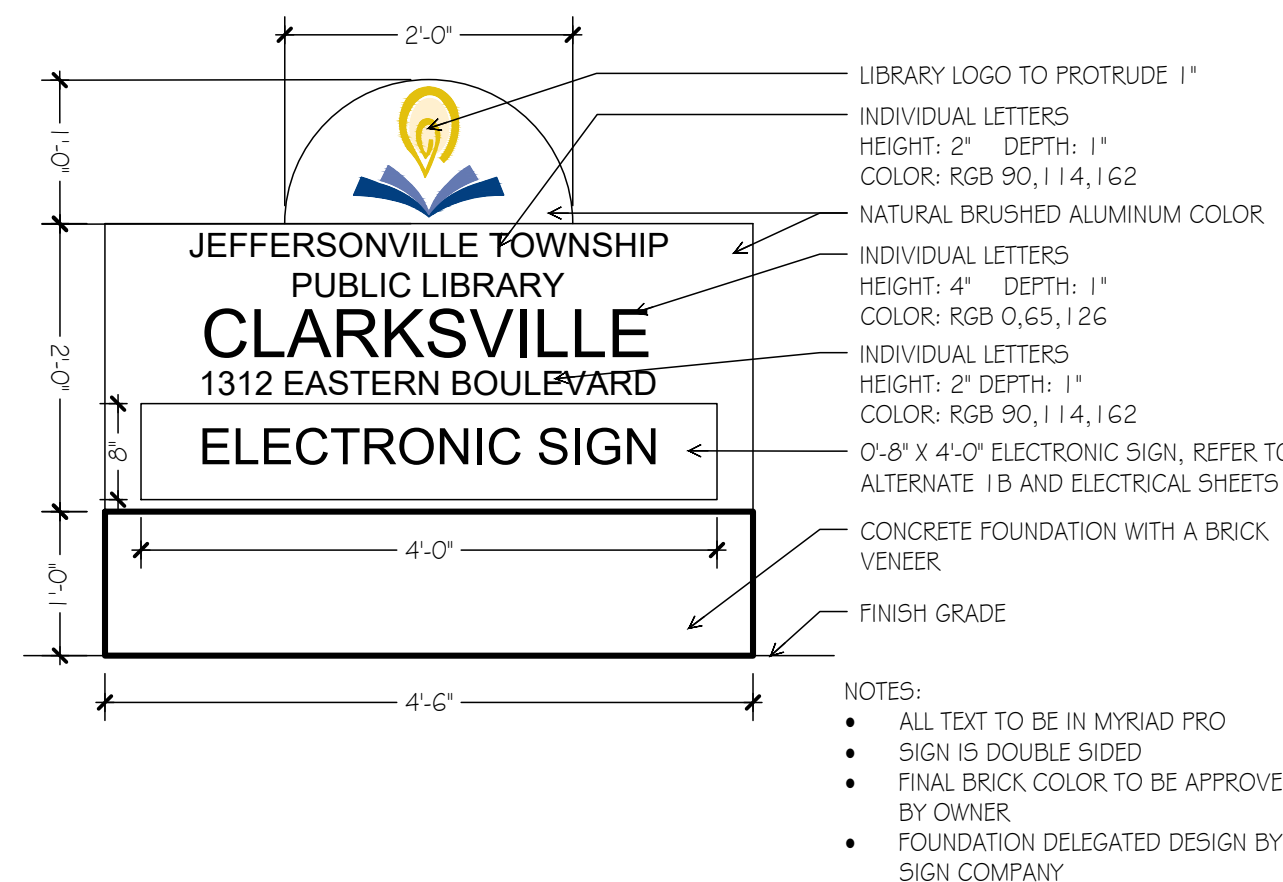
5 DUMPSTER WALL SECTION
L-501 NOT TO SCALE



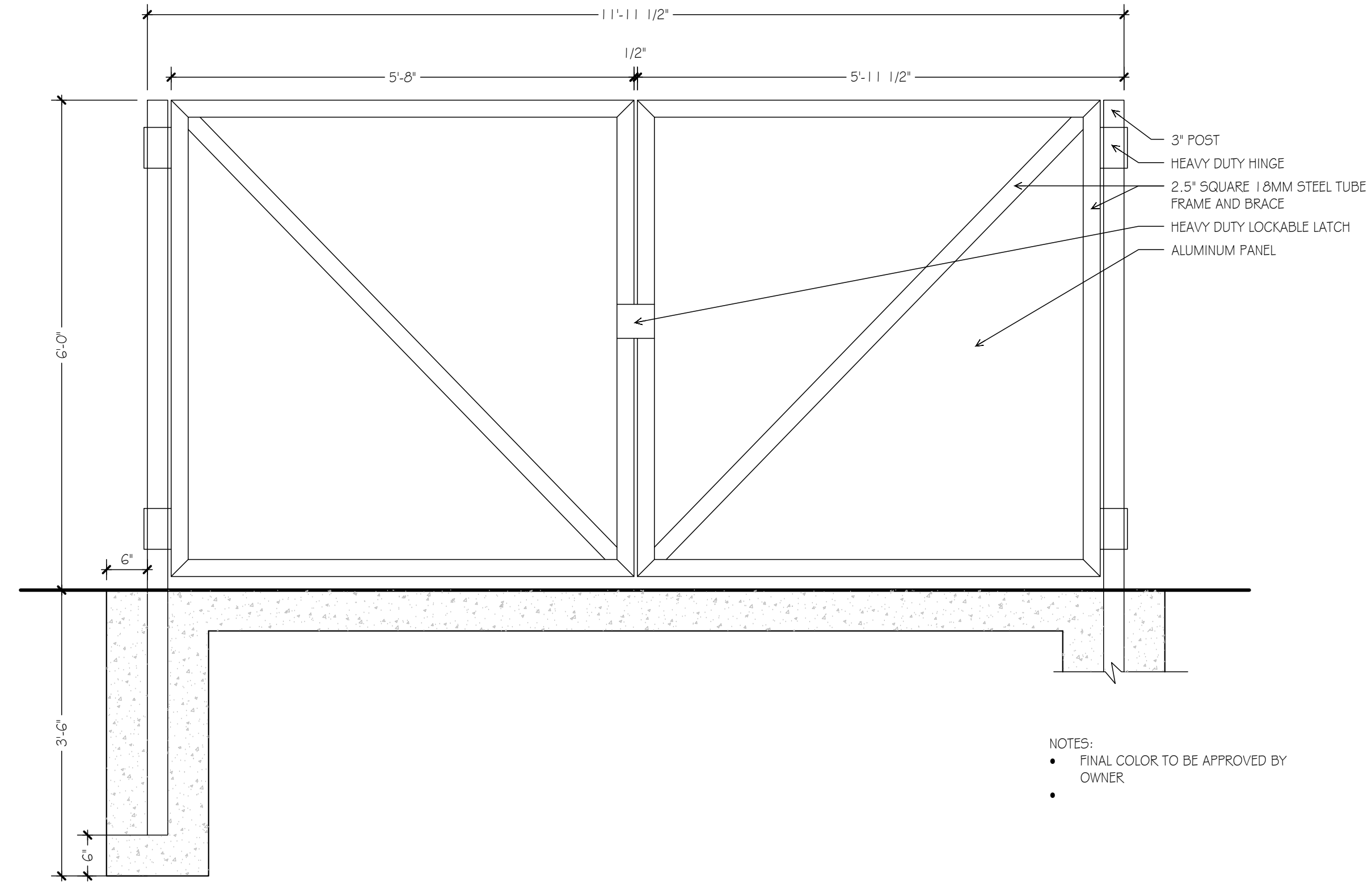
6 DUMPSTER PAD DETAIL
L-501 NOT TO SCALE



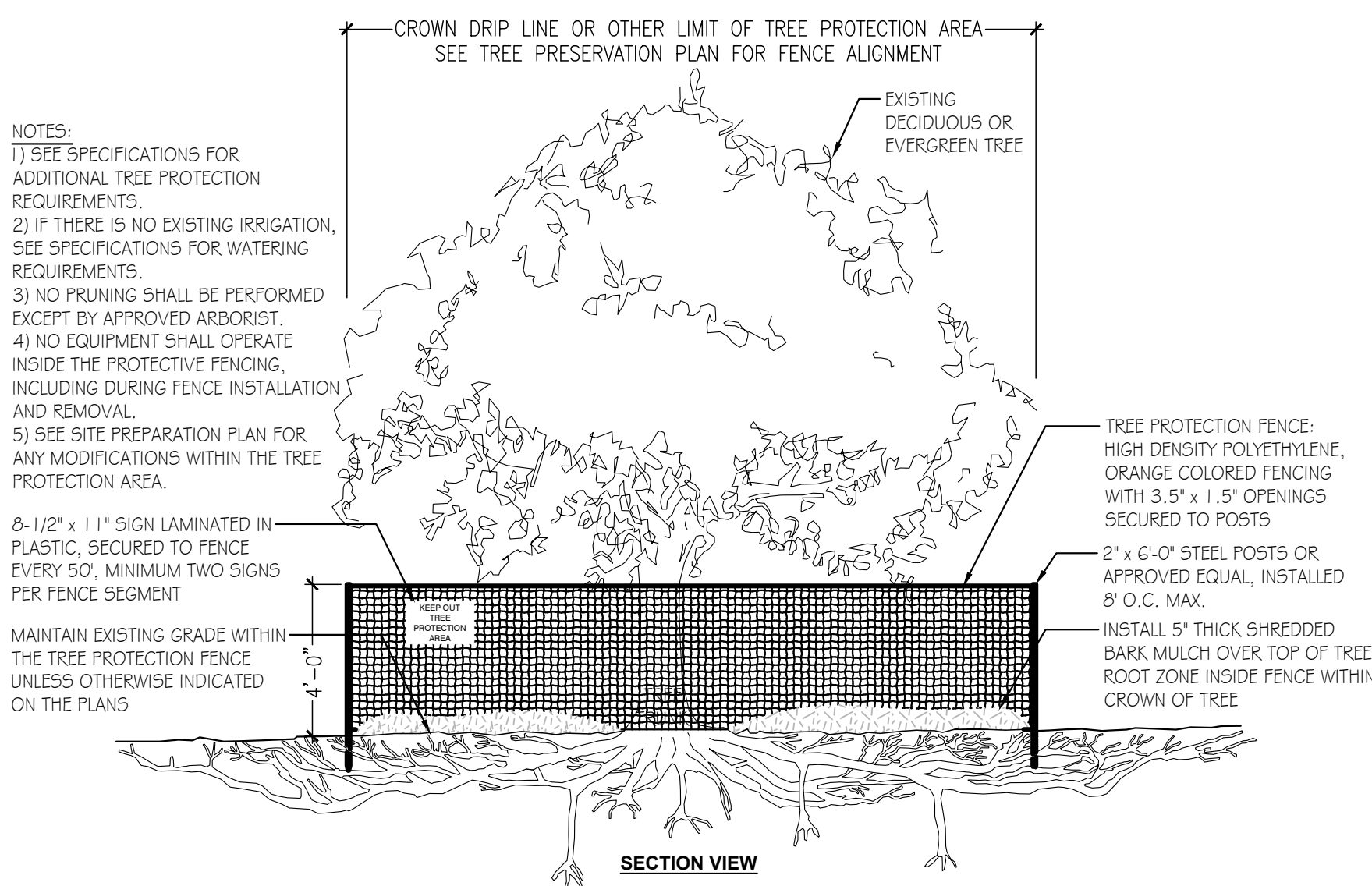
7 POST SIGN
L-501 NOT TO SCALE



8 ELECTRONIC MONUMENT SIGN
L-501 NOT TO SCALE



9 DUMPSTER ENCLOSURE GATE
L-501 NOT TO SCALE



10 TREE PROTECTION
L-501 NOT TO SCALE

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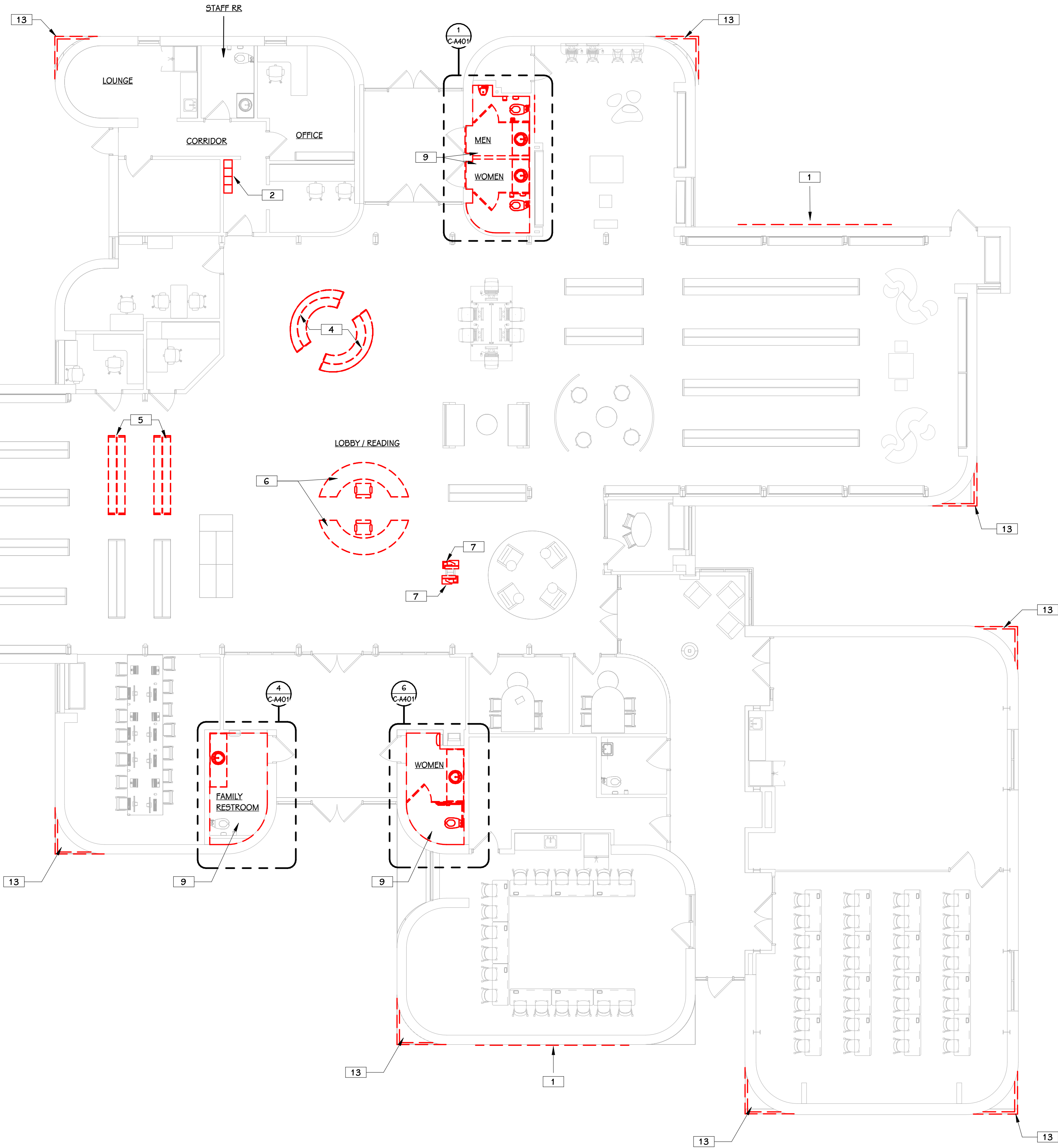
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C-L 501

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GENERAL NOTES - ARCHITECTURAL - DEMOLITION

- SEE SPECIFICATIONS SECTION 02 4119 SELECTIVE DEMOLITION FOR FURTHER REQUIREMENTS OF DEMOLITION WITHIN SCOPE OF WORK.
- COORDINATE ALL DEMOLITION WITH PHASING, OWNER, AND ARCHITECT.
- OTHER SHEETS WITHIN THIS DRAWING SET REFER TO ITEMS PERTAINING TO SPECIFIC AREAS OF WORK WHICH NEED TO BE REMOVED AND ARE TO BE INCLUDED WITHIN THE ENTIRE SCOPE OF DEMOLITION ON THE PROJECT, (INCLUDING BUT NOT LIMITED TO STRUCTURAL, PLUMBING, HVAC, ELECTRICAL, AND SITE WORK). CONTRACTOR IS NOT RELIEVED OF HIGHER RESPONSIBILITY FOR ALL WORK INTENDED FOR FAILURE TO REVIEW ENTIRE DOCUMENT SET FOR WORK REQUIRED.
- CONTRACTORS ARE REQUIRED TO INSPECT/REVIEW THE EXISTING BUILDING PRIOR TO RELATED DEMOLITION WORK. UNLESS NOTED OTHERWISE, REMOVAL OF ANY WALL, FLOOR OR CEILING INCLUDES ALL GENERAL MECHANICAL AND ELECTRICAL ITEMS WHICH ARE A PART OF, OR ATTACHED TO IT.
- CONTRACTOR SHALL VERIFY ALL EXISTING JOB SITE CONDITIONS AND DIMENSIONS AND BE RESPONSIBLE FOR THE SAME. ADVISE ARCHITECT OF ANY AND ALL DISCREPANCIES.
- CONTRACTOR IS RESPONSIBLE FOR PATCHING AND REPAIRING ALL INTERIOR AND EXTERIOR SURFACES DISTURBED BY CONSTRUCTION, DEMOLITION, OR RENOVATION WORK. ALL ADJACENT SURFACES IN ALL ASPECTS TO LIKE-NEW CONDITION, WHETHER PATCHING IS SPECIFICALLY INDICATED OR NOT.
- CLEAN AND PREP ALL EXISTING WALL SURFACES TO RECEIVE NEW FINISHES. PATCH AND FILL ANY AREAS AS NEEDED DUE TO RENOVATION WORK OR EXISTING CONDITIONS FOR A LIKE-NEW, SMOOTH, FINISHED SURFACE.
- WHERE WALLS, FINISHES, EQUIPMENT, MATERIALS, OR CONSTRUCTION OF ANY TYPE IS INDICATED TO BE REMOVED, THE CONTRACTOR IS TO PATCH AND REPAIR ALL SURFACES TO REMAIN TO MATCH EXISTING ADJACENT SURFACES IN ALL ASPECTS. REPAIRED AREAS ARE TO BLEND INTO THE ADJACENT SURFACES AND NOT APPEAR TO BE A PATCH.
- COORDINATE WITH ARCHITECT AND OWNER ANY EXISTING TECHNOLOGY, SECURITY, OR OTHER OWNERS SYSTEMS ITEM NOT INDICATED TO BE REMOVED THAT MAY INHIBIT WORK PRIOR TO REMOVAL.
- PROVIDE OPENINGS IN WALLS AS REQUIRED TO INSTALL NEW PLUMBING, MECHANICAL, AND ELECTRICAL THROUGHOUT THE PROJECT AS REQUIRED TO ACCOMPLISH THE ENTIRE SCOPE OF WORK. COORDINATE AS REQUIRED FOR PENETRATIONS THROUGH RATED CONSTRUCTION. SEE PLUMBING, HVAC, AND ELECTRICAL.
- RE-FEED ALL DOWNSTREAM ELECTRICAL DEVICES, LIGHTS, ETC. AFFECTED BY ANY DEMOLITION WORK AS REQUIRED.
- REMOVE ANY ITEMS NOT SPECIFICALLY IDENTIFIED TO BE REMOVED IF THEY OBVIOUSLY MUST BE REMOVED OR DEMOLISHED IN ORDER TO ACCOMMODATE NEW WORK. COORDINATE WITH OWNER AND ARCHITECT PRIOR TO REMOVAL.
- CONTRACTOR TO PROVIDE AND INSTALL LINTELS AS REQUIRED FOR ALL OPENINGS IN NEW AND EXISTING BUILDING WALLS. REFER TO OTHER SHEETS WITHIN THIS DRAWING SET WHERE OPENINGS MAY BE REQUIRED FOR ANY / ALL TRADES.
- PROTECT ALL EXISTING FINISHES THROUGHOUT THE PROJECT.
- CONTRACTOR IS TO DETERMINE IF SHORING IS REQUIRED ANYWHERE WITHIN THE PROJECT. IF SHORING IS REQUIRED, THE CONTRACTOR WILL EMPLOY A SHORING ENGINEER TO DESIGN THE SHORING.
- CONSTRUCT NECESSARY DUST, SOUND, AND SAFETY BARRIERS. CLEAN ANY DUST, DEBRIS, ETC. WITHIN THE BARRIERS AND OUTSIDE THE BARRIERS DUE TO THE WORK DAILY.
- ACCOMMODATE NEW CONSTRUCTION IF NOT INDICATED.

KEYED NOTES - ARCHITECTURAL - DEMOLITION

- REMOVE EXISTING MOUNTED WALL SIGNAGE, PATCH AND REPAIR BRICK AND MORTAR AS NEEDED. (SEE 3/C-A301)
- CAREFULLY REMOVE STAFF LOCKERS INCLUDING BASE AND TOP. SALVAGE AND REINSTALL. SEE ARCHITECTURAL PLAN FOR NEW LOCATION.
- REMOVE CERAMIC WALL TILE AND MORTAR BED FROM THE ENTIRE ROOM. REMOVE GYP. BD. BEHIND TILE. PREP FOR NEW FINISHES.
- CONTRACTOR TO PROTECT EXISTING WOOD SHELVING UNITS DURING CONSTRUCTION. SEE ARCHITECTURAL PLAN FOR NEW LOCATION.
- REMOVE STEEL LIBRARY SHELVING AND WOOD END PANELS AND RETURN TO OWNER. PATCH ALL FLOORS WHERE ANCHORS WERE REMOVED.
- REMOVE EXISTING CIRCULATION DESK IN ITS ENTIRETY. PATCH AND REPAIR ANY FLOORING/DAMAGED OR AFFECTED BY REMOVAL OF CIRCULATION DESK. SALVAGE METAL STORAGE COMPONENTS AND RETURN TO OWNER. SEE ELECTRICAL FOR ADDITIONAL WORK.
- SHELF-CHECKOUT KIOSK TO BE REMOVED BY OWNER. PATCH AND REPAIR ANY FLOORING DAMAGED OR AFFECTED BY REMOVAL. SEE ELECTRICAL FOR ADDITIONAL WORK.
- NOT USED
- SAWCUT AND COMPLETELY REMOVE EXISTING SLAB FROM THE ENTIRE ROOM. PROTECT THE EXISTING TERRAZZO IN THE VESTIBULES TO REMAIN. SEE PLUMBING DRAWINGS. PREP FOR INSTALLATION OF NEW CONCRETE SLAB.
- COMPLETELY REMOVE ALL TOILET PARTITIONS AND/OR RESTROOM ACCESSORIES FROM ENTIRE ROOM. SALVAGE AND RE-INSTALL TOILET ACCESSORIES.

KEYED NOTES - ARCHITECTURAL - DEMOLITION

- REMOVE EXISTING PLUMBING FIXTURE. SEE PLUMBING DRAWINGS FOR MORE INFORMATION.
- CAREFULLY REMOVE EXISTING BUILT-IN CASWORK INCLUDING LAVATORY, QUARTZ COUNTERTOP, BACKSPLASHES AND PLASTIC LAMINATE CASEWORK. SEE PLUMBING FOR ADDITIONAL WORK. SALVAGE AND REINSTALL BUILT-IN CASWORK IN SAME LOCATION.
- DEMO EXISTING SILL AT LOCATION OF CORNER PLANTER (SEE DETAILS 1-4/ A321)
- REPAIR CEILING AT THIS AREA, MATCH ADJACENT FINISH.
- COMPLETELY REMOVE EXISTING METAL STUDS AND GYPSUM BOARD WALL. PREP FOR NEW CONSTRUCTION.
- COMPLETELY REMOVE EXISTING BUILT-IN CASEWORK ENTIRELY INCLUDING LAVATORY, QUARTZ COUNTERTOP, BACKSPLASHES AND PLASTIC LAMINATE CASEWORK.
- COMPLETELY REMOVE GYP. BD./PLASTER CEILING FROM ENTIRE ROOM

SHEET TITLE
DEMOLITION PLAN

DATE
OCTOBER 20, 2025

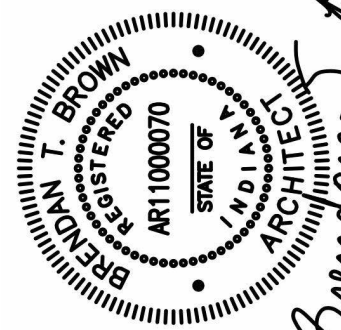
SHEET NUMBER
C-AD101
25-196.000

OWNER
JEFFERSONVILLE TOWNSHIP PUBLIC
LIBRARY

PROJECT TITLE
2025 JEFFERSONVILLE + CLARKSVILLE
LIBRARY IMPROVEMENTS

VOLUME 2 -
CLARKSVILLE

1312 EASTERN BLVD.
CLARKSVILLE, IN 47129



Brandon J. Brown

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ARCHITECTURAL FLOOR PLAN

1/8" = 1'-0"

LEGEND

AC DOOR CONTAINS ACCESS CONTROL PROVISIONS.
SEE A500 SERIES DRAWINGS.
SEE ELECTRICAL DRAWINGS.

PN PROXIMITY READER.
SEE A500 SERIES DRAWINGS.
SEE ELECTRICAL DRAWINGS.

ARCHITECTURAL KEY NOTES

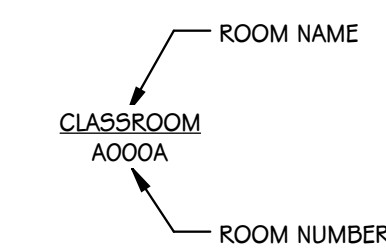
- 1 PROVIDE AND INSTALL NEW TILE BACKER BOARD IN ENTIRE ROOM
- 2 INSTALL SALVAGED STAFF LOCKERS
- 3 INSTALL SALVAGED BOOKCASE FURNITURE
- 4 FREE STANDING FURNITURE, OWNER FURNISHED, OWNER INSTALLED
- 5 MOBILE BOOKCASES, OWNER FURNISHED, OWNER INSTALLED
- 6 INSTALL SALVAGED DESK

NOTES - ARCHITECTURAL KEY NOTES

- 1 REFER TO CODE COMPLIANCE PLAN FOR WALL RATING LINES.
- 2 SEE AG001 FOR SYMBOL LEGENDS AND GENERAL INFORMATION
- 3 AT ALL EXISTING BUILDING AREAS TO RECEIVE MAJOR FINISHES UPDATES AND REPLACEMENTS; SAND AND PREP SMOOTH ALL EXISTING WALL SURFACES WITHIN ROOM TO RECEIVE NEW FINISH PAINT; SAND, GRIND, BUFF, BEAD BLAST, ETC. ALL FLOOR SURFACES AS REQUIRED TO REMOVE GLUES, MASTICS, CURINGS, ETC.; FILL ALL VOIDS, HOLES, OPENINGS; REMOVE ALL TEXTURES, BUMPS, DEPRESSIONS, ETC. IN ALL SURFACES TO BE LIKE NEW FINISHED SURFACES (SEE FINISH PLANS).
- 4 PROTECT EXISTING SURFACES AND FINISHES TO REMAIN ADJACENT TO AREA OF RENOVATION SO THAT NEW FINISHES AND SURFACES OF NEW CONSTRUCTION MAY BLEND INTO EXISTING SURFACES; EXTEND NEW FINISHES AND SURFACES TO CORNER OR EDGE OF WALL OR FLOOR SO THAT NEW AND EXISTING MAY BLEND WITHOUT TRUE VISABLE DIFFERENCES.
- 5 CONTRACTOR TO PROVIDE AND INSTALL UNTELS AS REQUIRED FOR ALL OPENINGS IN NEW AND EXISTING BUILDING WALLS. REFER TO OTHER SHEETS WITHIN THIS DRAWING SET WHERE OPENINGS MAY BE REQUIRED FOR ANYALL TRADES.
- 6 COORDINATE EXTENTS AND EXACT DIMENSIONS OF EXISTING CONDITIONS WITH EXTENTS AND EXACT DIMENSIONS OF THE NEW WORK.
- 7 LOCATION OF EXTERIOR SIGNAGE

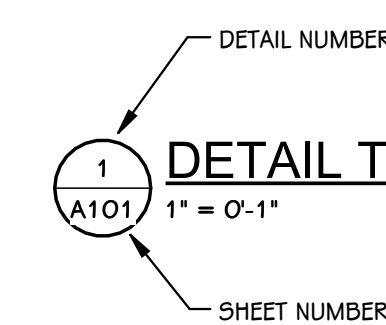
TYPICAL SYMBOLS & REFERENCES

ROOM IDENTIFICATION TAG



NOTE:
ROOM NAMES AND NUMBERS ON PLANS ARE FOR CONSTRUCTION PURPOSES ONLY. COORDINATE WITH OWNER REGARDING PROPOSED NUMBERS FOR ALL SIGNAGE, SCHEDULE AND PANEL DESIGNATIONS.

DETAIL TITLE

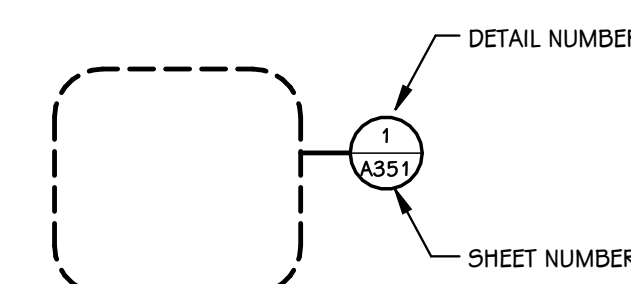


UNIT MATCHLINES

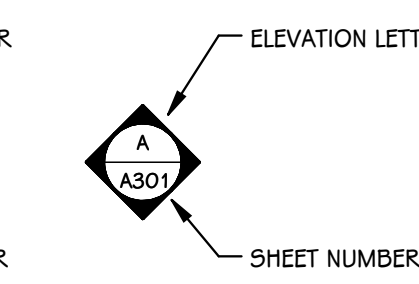


TYPICAL NOTATION SYMBOLS

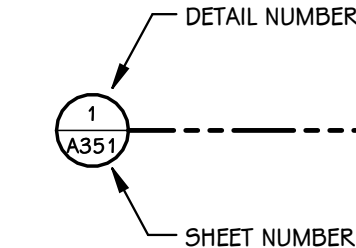
CALLOUT REFERENCE BUBBLE



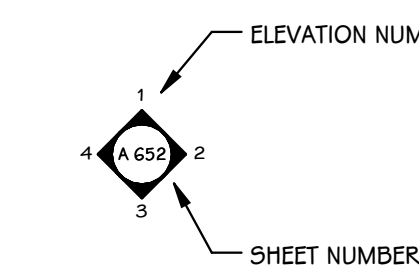
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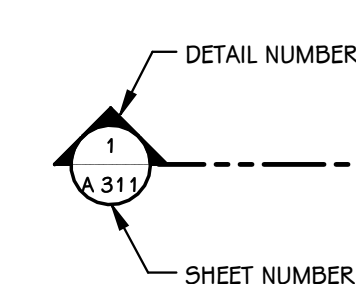
DETAIL REFERENCE BUBBLE



INTERIOR ELEVATION REFERENCE BUBBLE

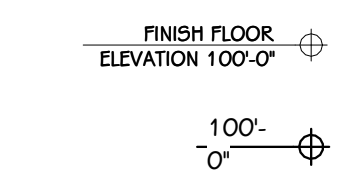


BUILDING SECTION REFERENCE BUBBLE



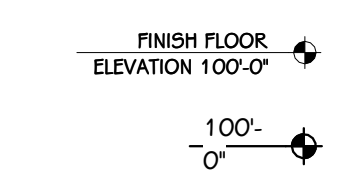
ELEVATION AND SECTION REFERENCE TOOLS

ELEVATION TAG - EXISTING



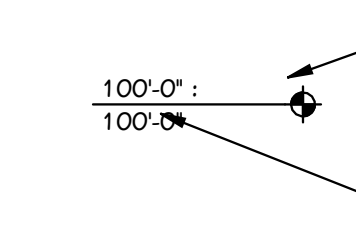
ELEVATION TAG FOR EXTERIOR ELEVATIONS AND BUILDING SECTIONS
ELEVATION TAG FOR FLOOR PLANS AND REFLECTED CEILING PLANS

ELEVATION TAG - NEW



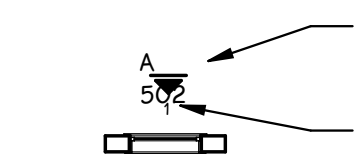
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ELEVATION TAG FOR FLOOR PLANS AND REFLECTED CEILING PLANS

WORKING POINT LAYOUT TAG

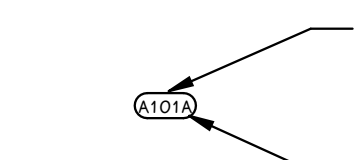


DISTANCE IN THE "Y" DIRECTION FROM THE "X" BASE LINE
DISTANCE IN THE "X" DIRECTION FROM THE "Y" BASE LINE

BORROWED LIGHT AND DOOR IDENTIFICATION



SHEET NUMBER
ELEVATION NUMBER

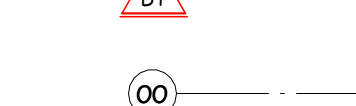


DOOR NUMBER - CORRESPONDS TO THE ROOM NUMBER
LETTER DESIGNATES MORE THAN ONE IN ROOM

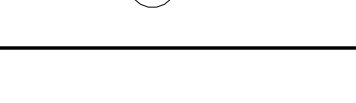
SYMBOLS



BARRIER-FREE



REVISION IDENTIFIER (ADDENDUM AND BULLETIN)



COLUMN BUBBLE AND LINE

DRILL & SET #4X1/2\"/>

REINF. CONC. SLAB- SEE PLAN FOR ADDL. INFO.

SAW-CUT EXIST. CONC. SLAB

EXIST. CONC. SLAB

TYPICAL SECTION AT NEW/EXIST. CONC. SLAB

3/4\"/>

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1312 EASTERN BLVD.
CLARKSVILLE, IN 47129

OWNER
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VOLUME 2 -
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SHEET TITLE
ARCHITECTURAL FLOOR PLAN

DATE
OCTOBER 20, 2025

SHEET NUMBER
C-A101
25-196.000

SHEET TITLE

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SHEET NUMBER

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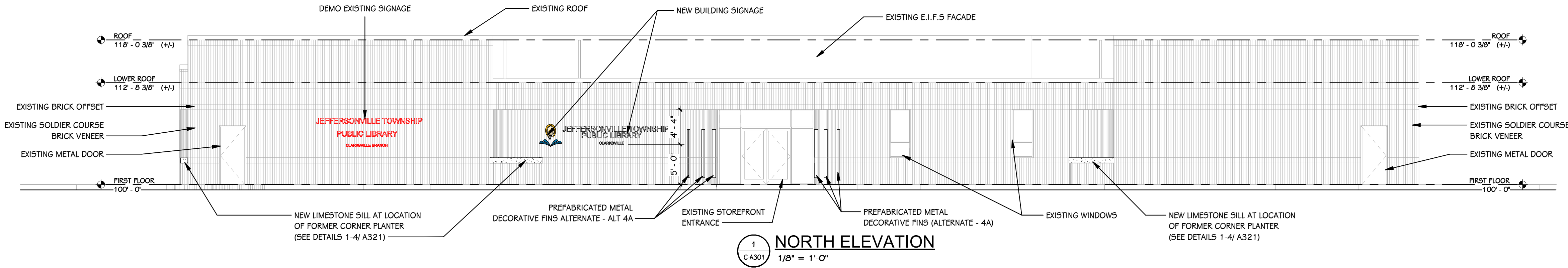
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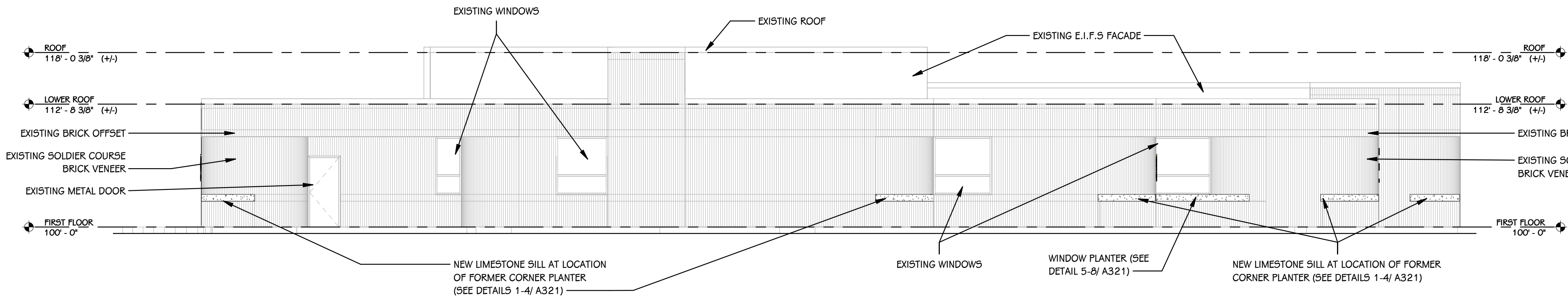
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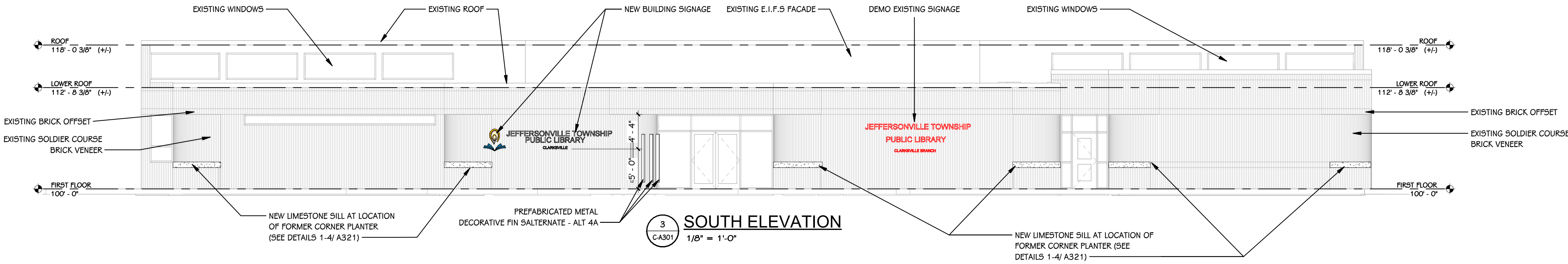
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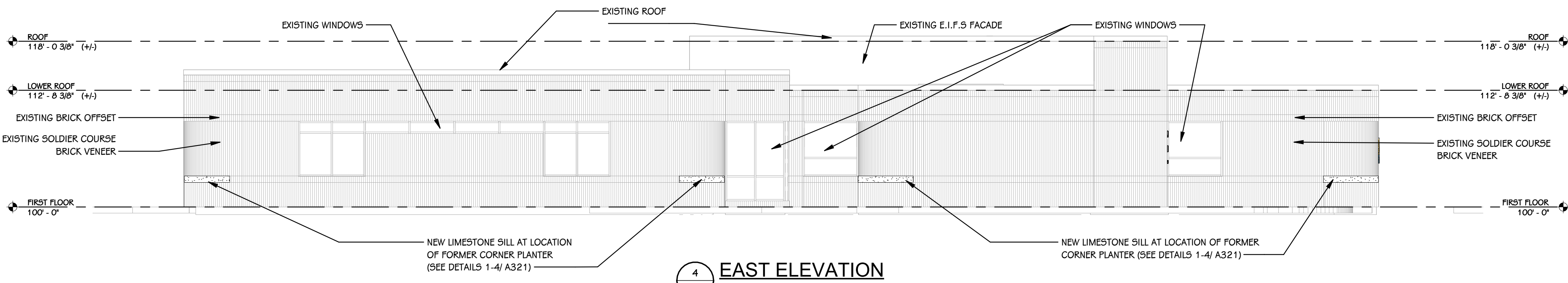
1 NORTH ELEVATION
1/8" = 1'-0"



2 WEST ELEVATION
1/8" = 1'-0"



3 SOUTH ELEVATION
1/8" = 1'-0"



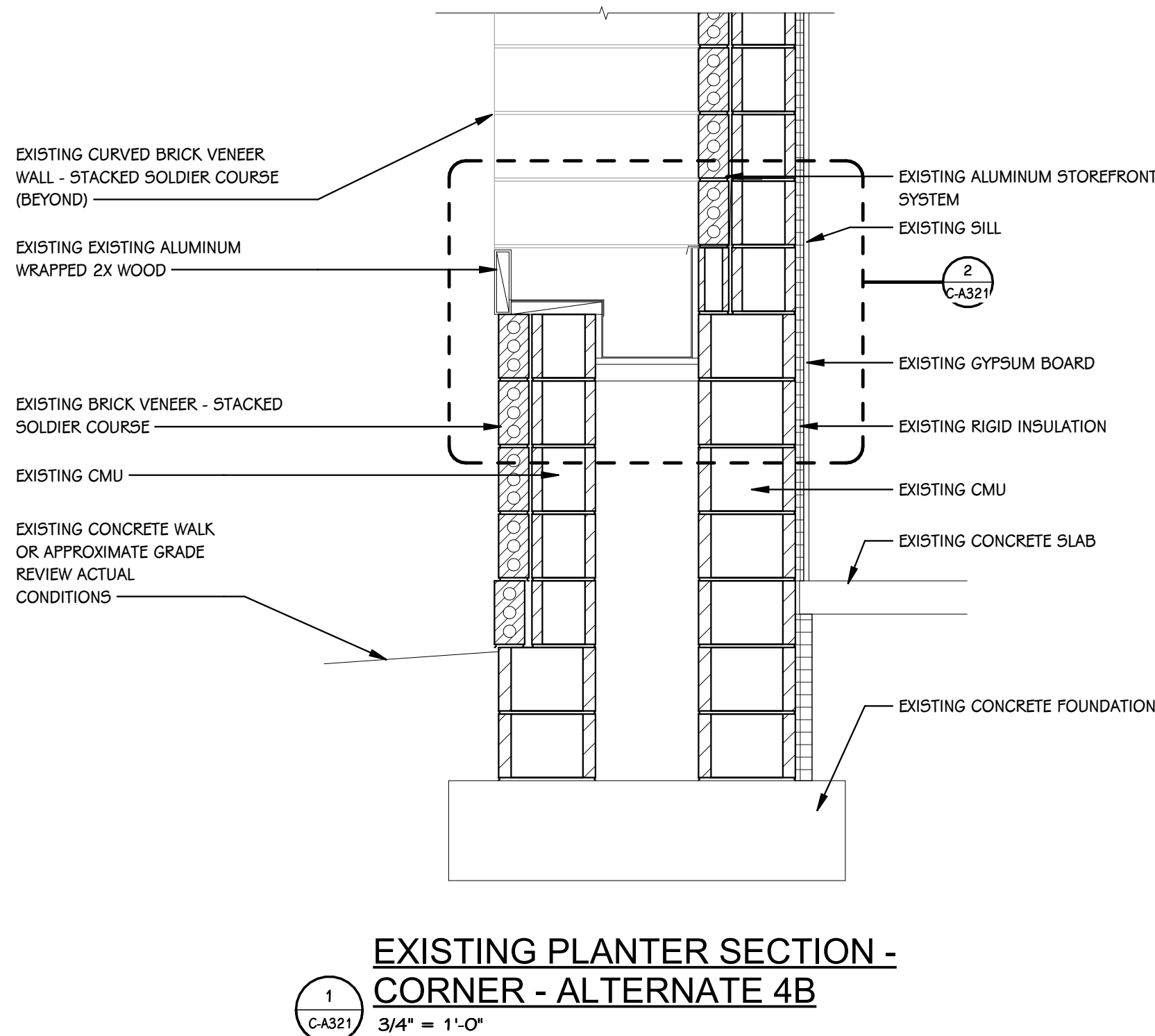
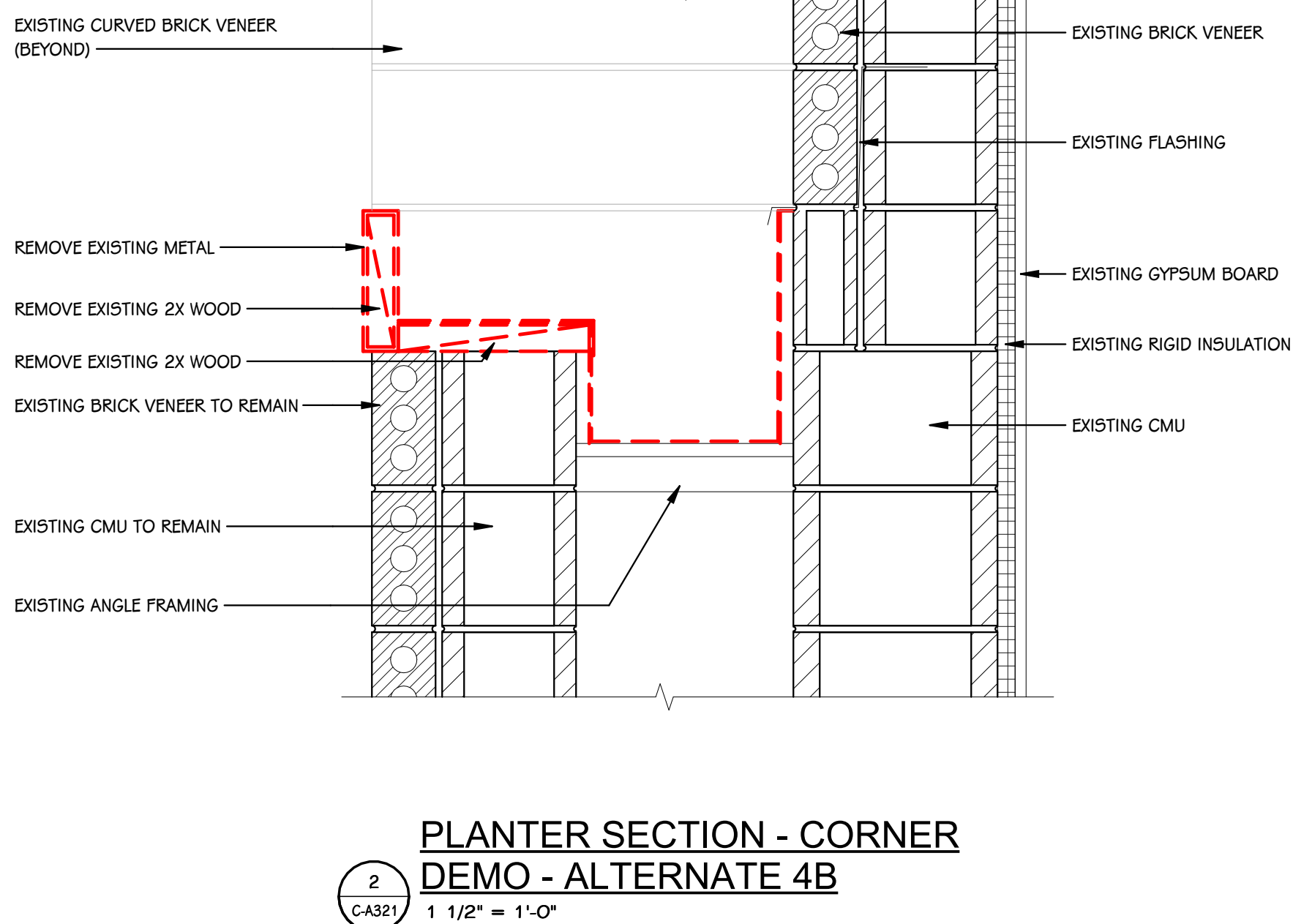
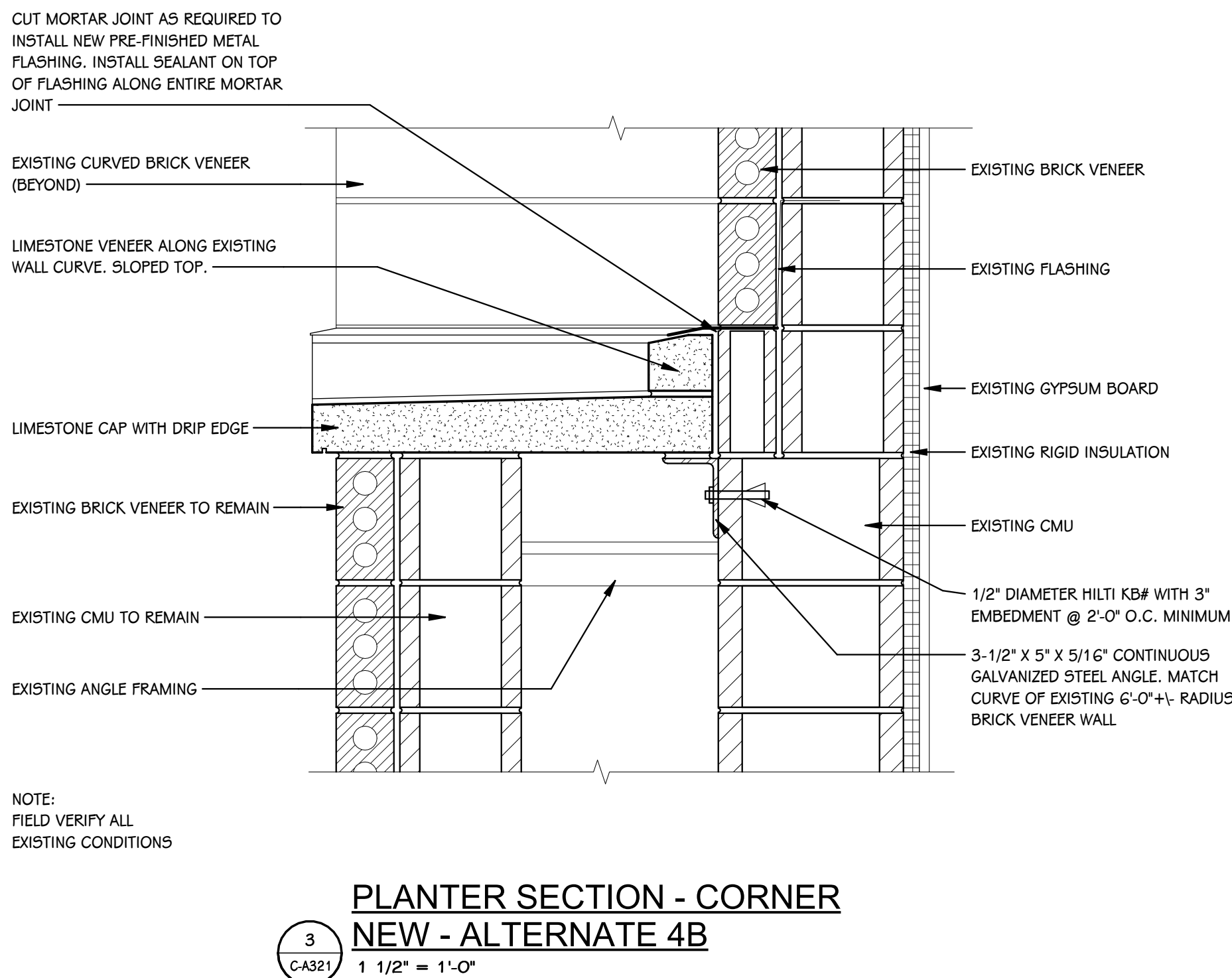
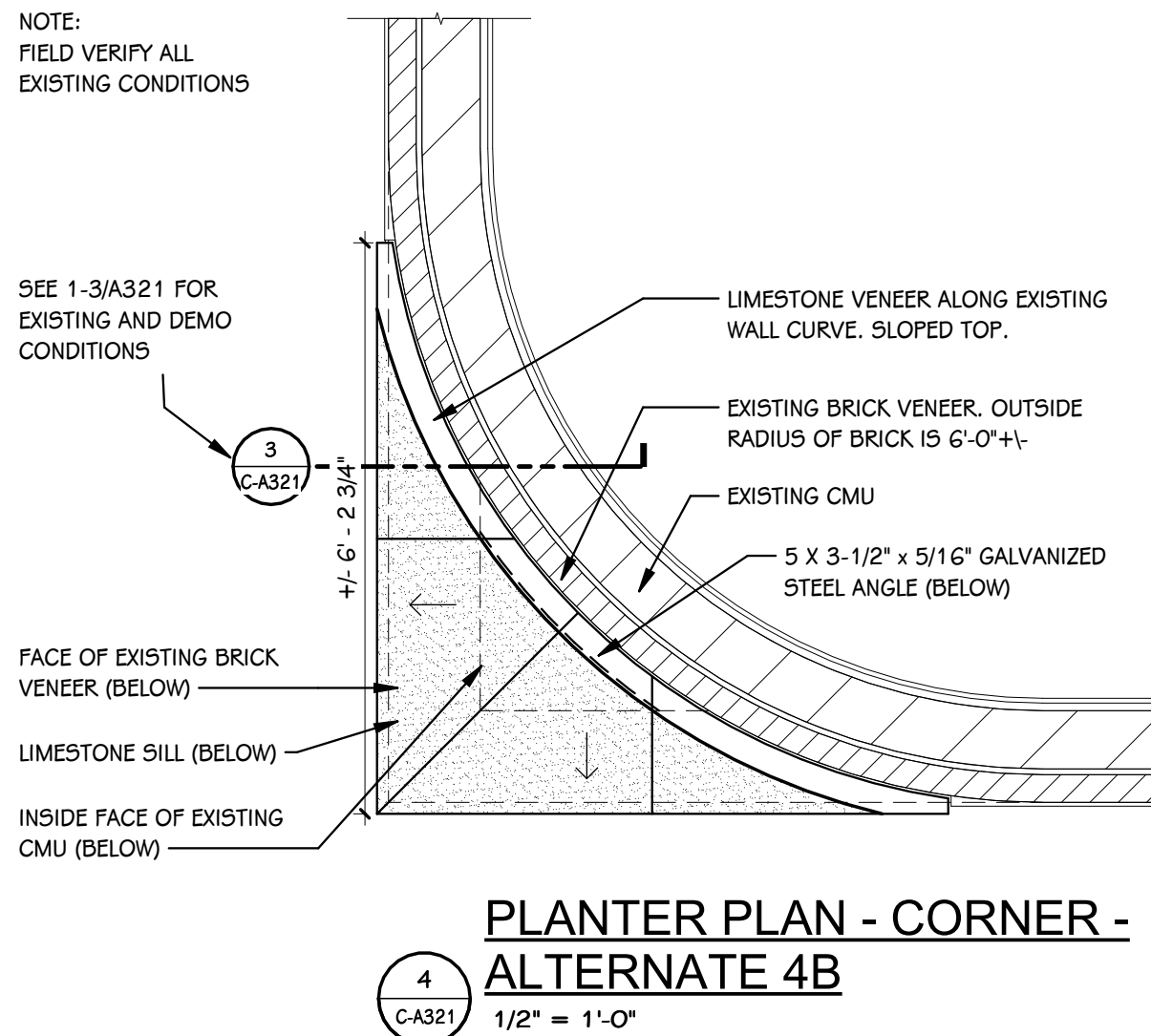
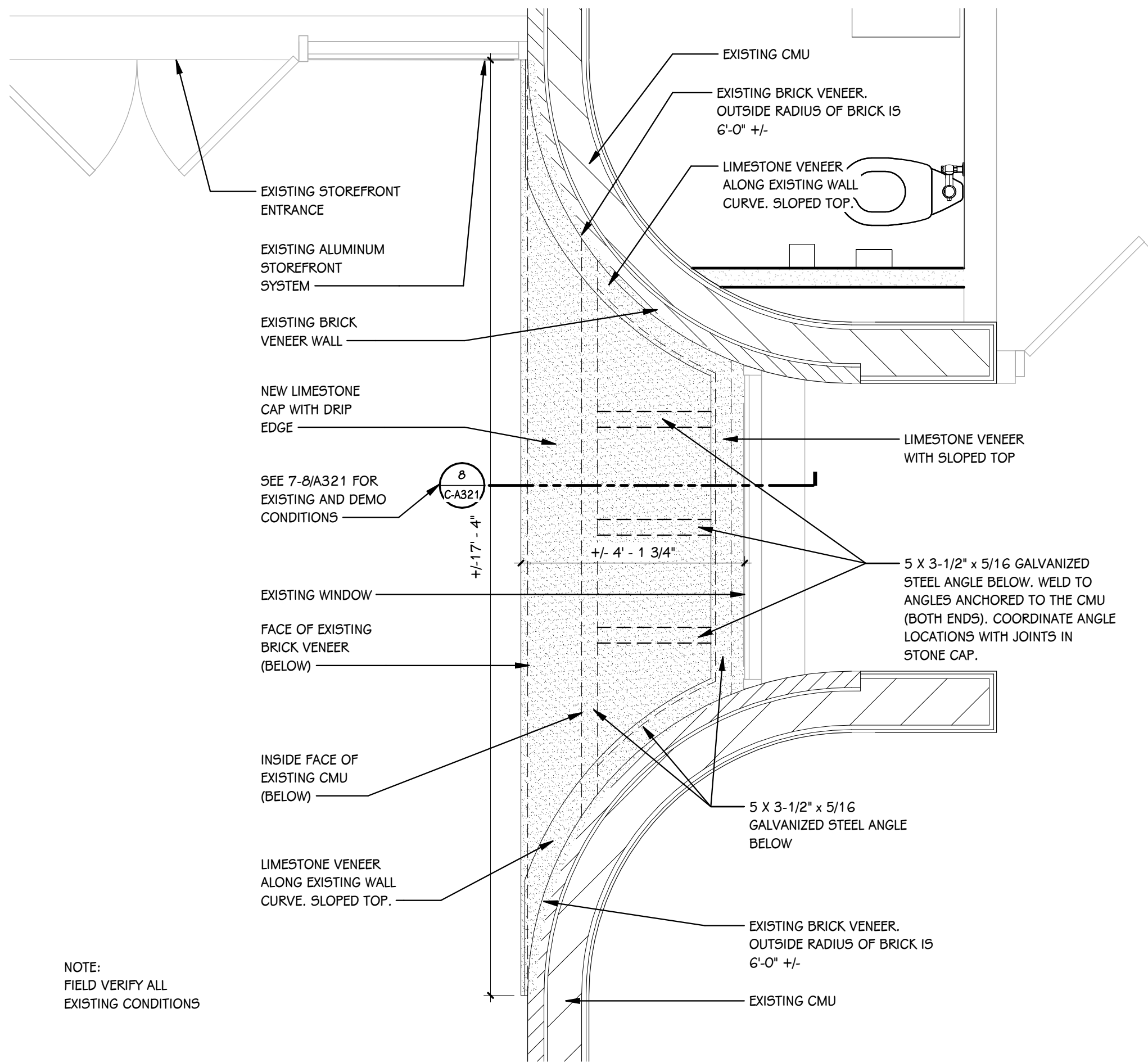
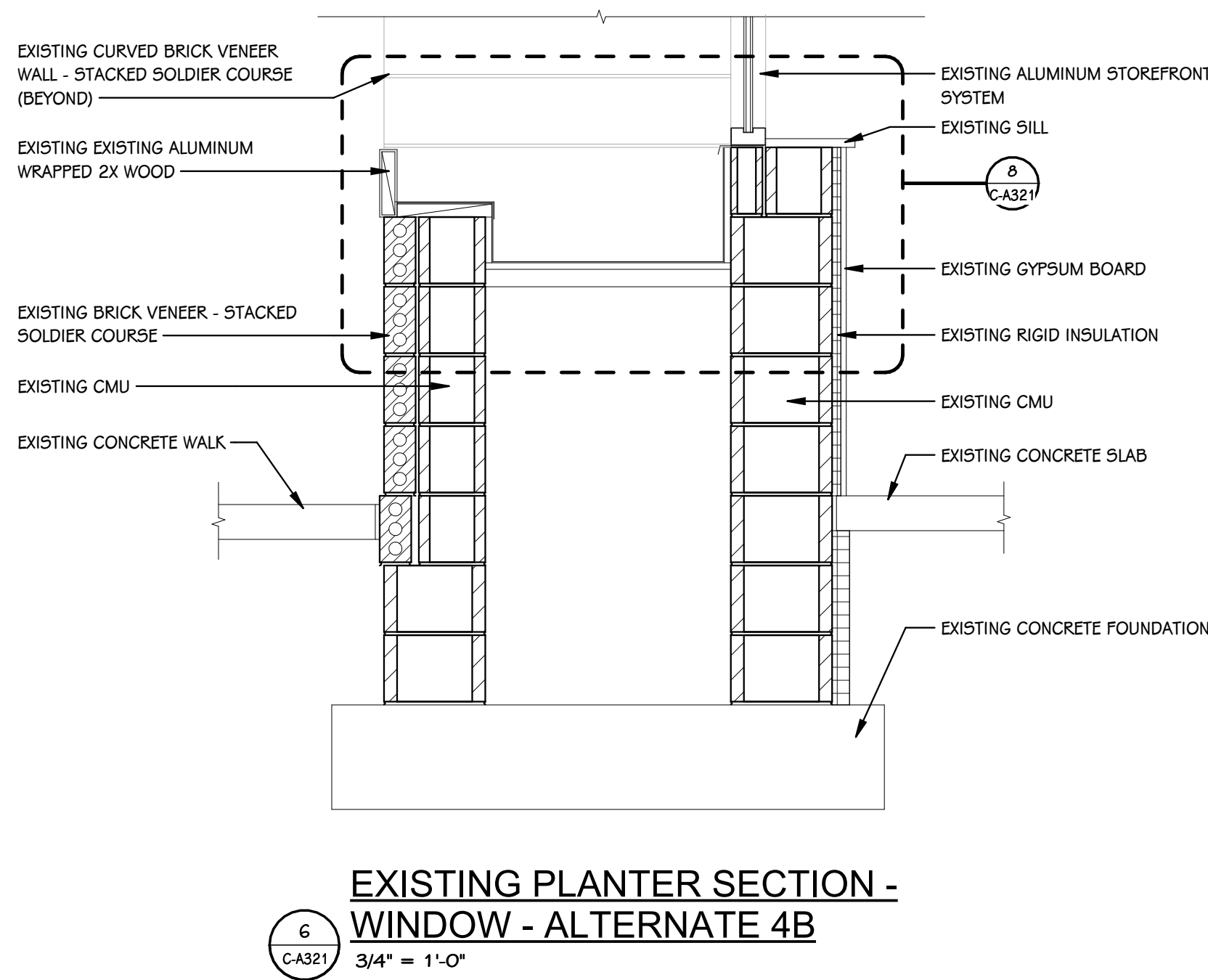
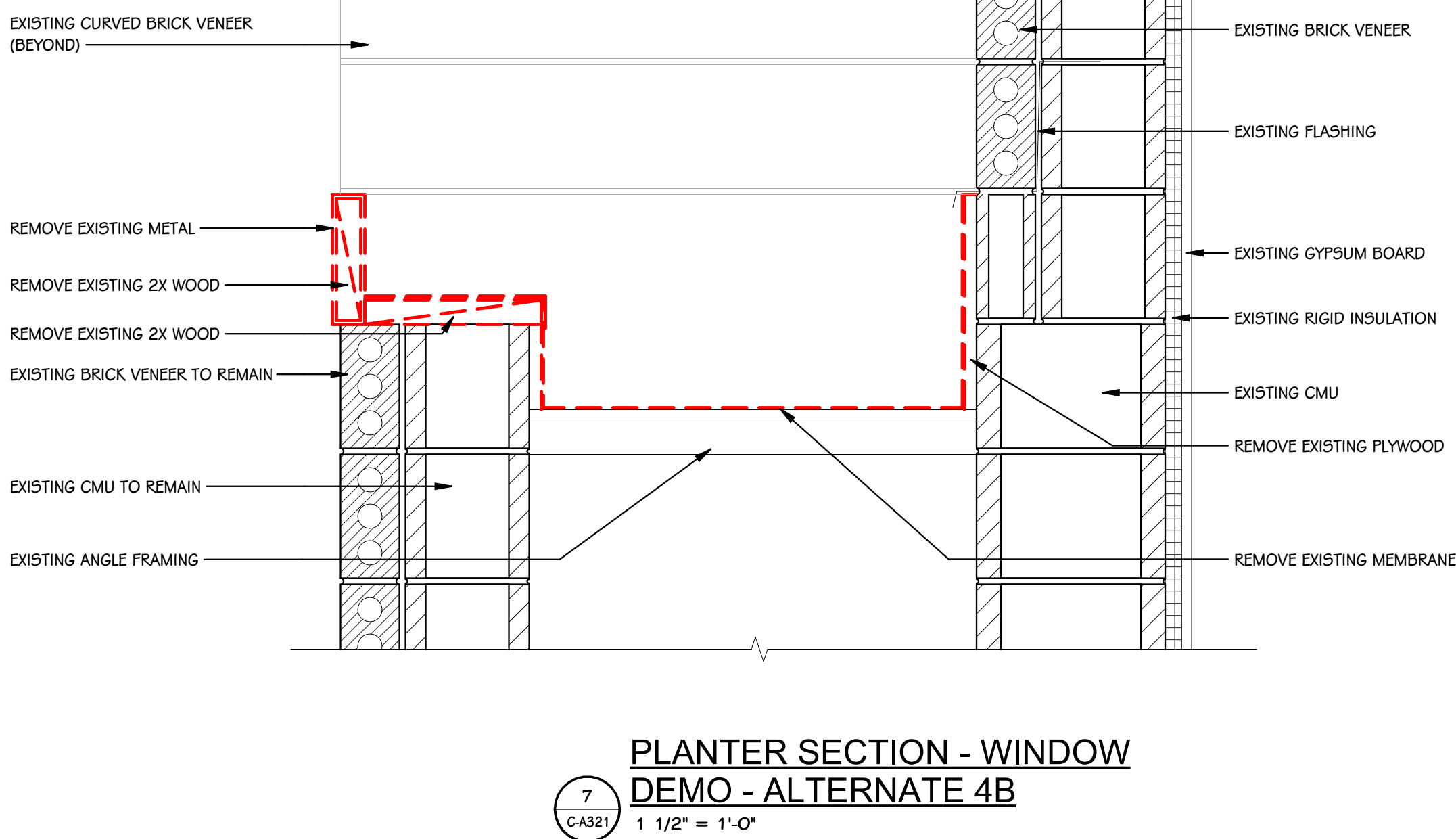
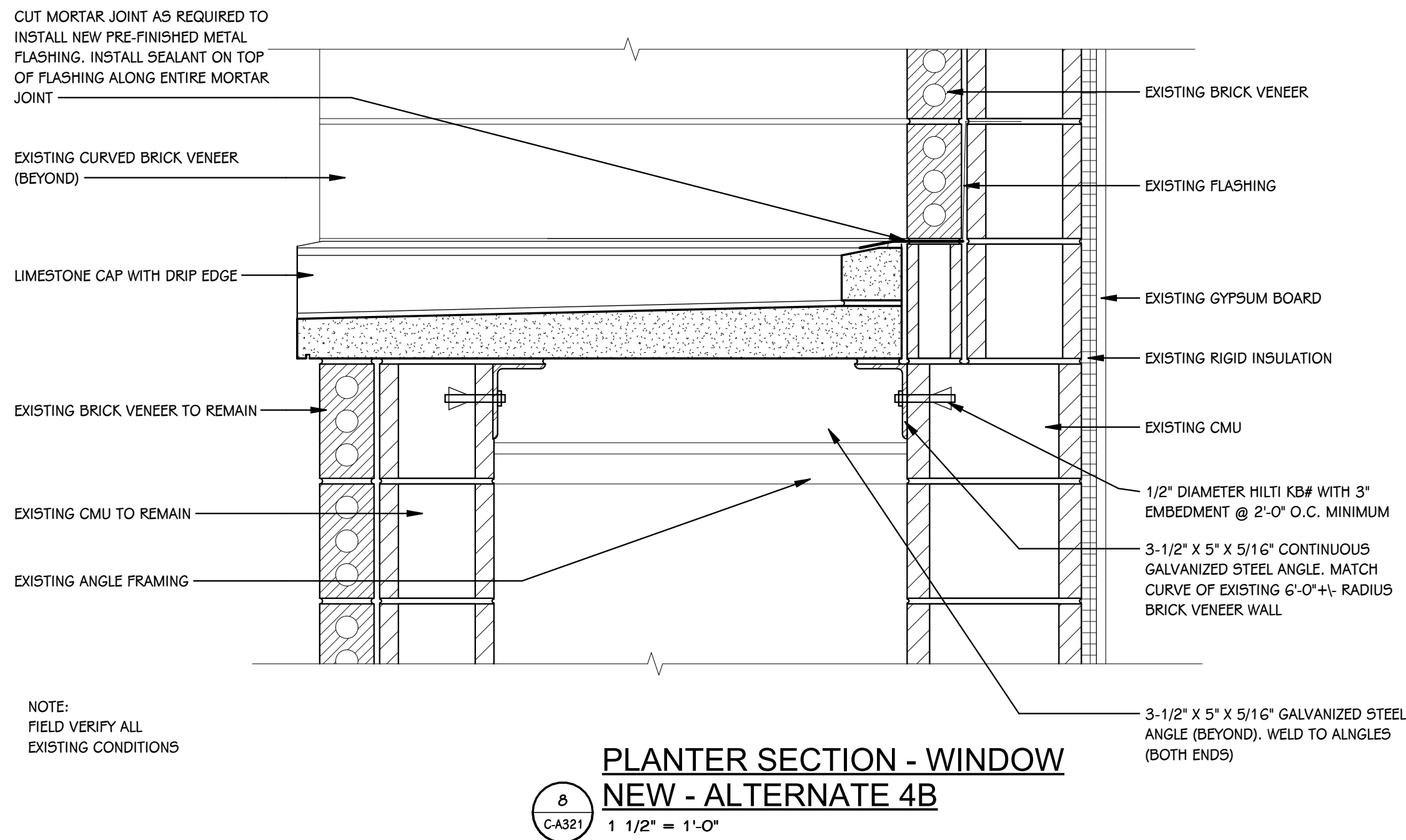
4 EAST ELEVATION
1/8" = 1'-0"

EXTERIOR ELEVATION KEY	
	EXISTING BRICK VENEER SOLDIER COURSING
	LIMESTONE

DRAWN BY: XXX 10/23/2025 2:06:08 PM

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SHEET TITLE
WALL SECTIONS AND DETAILS

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SHEET NUMBER
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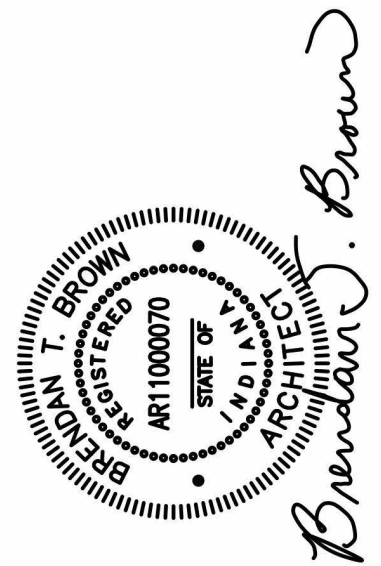
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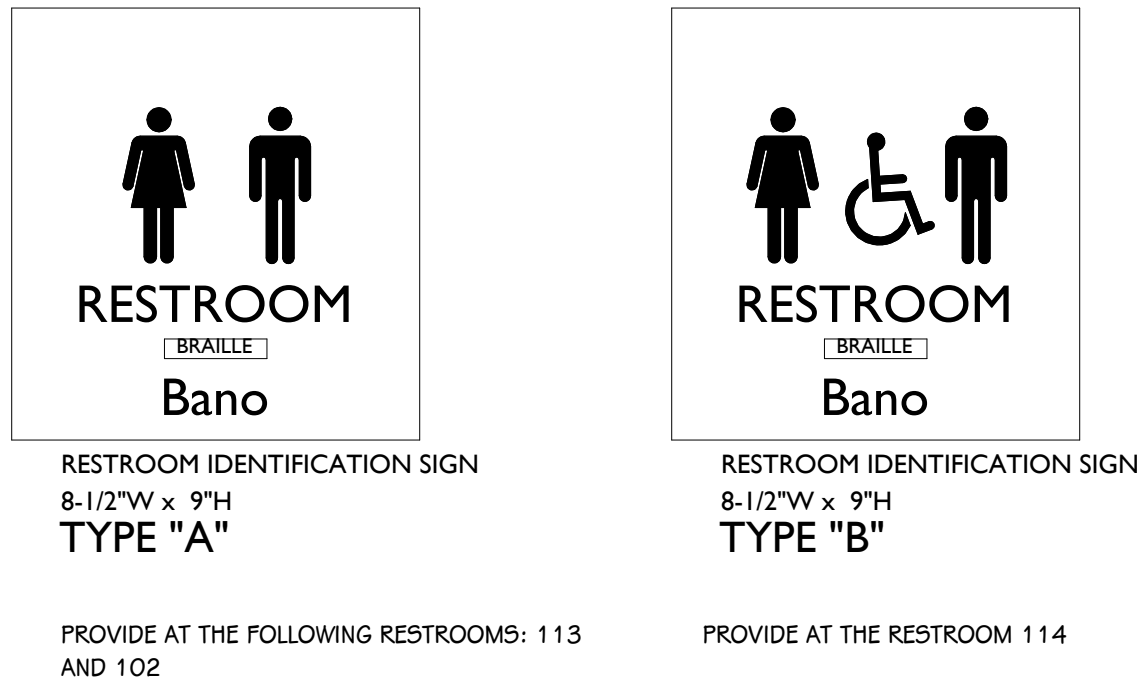
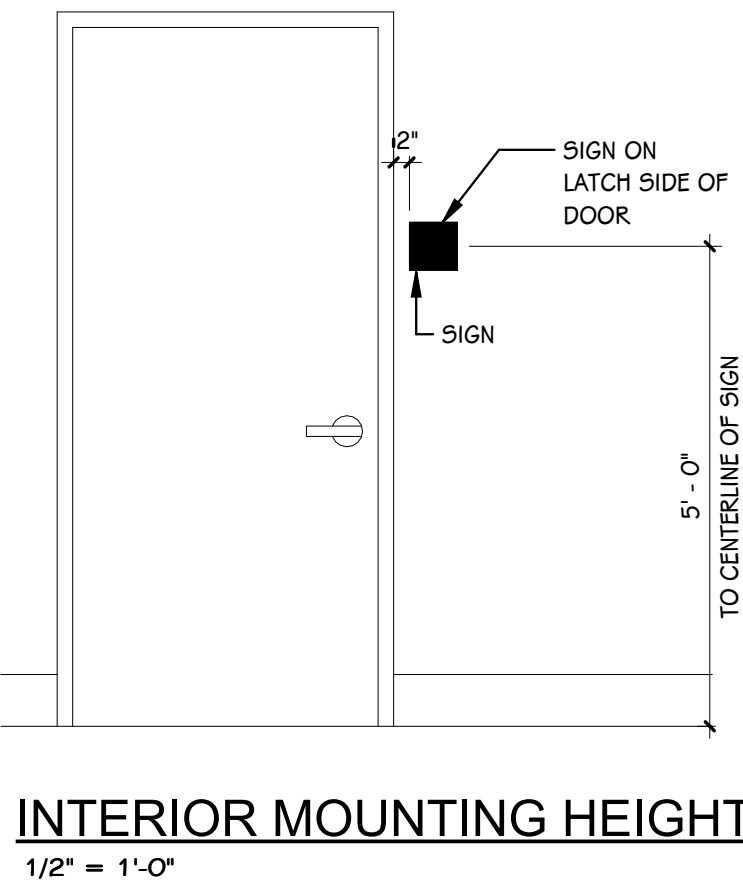


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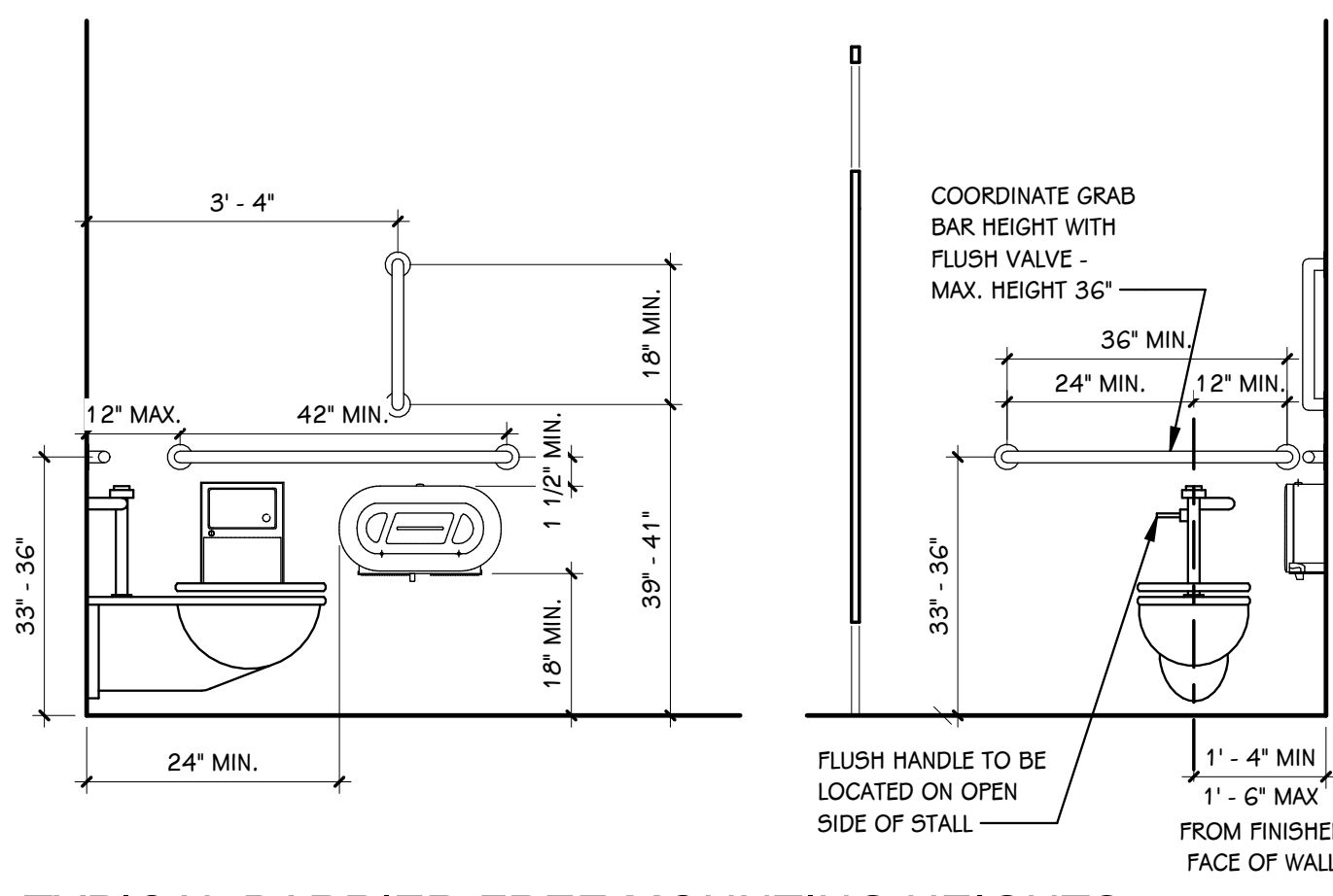
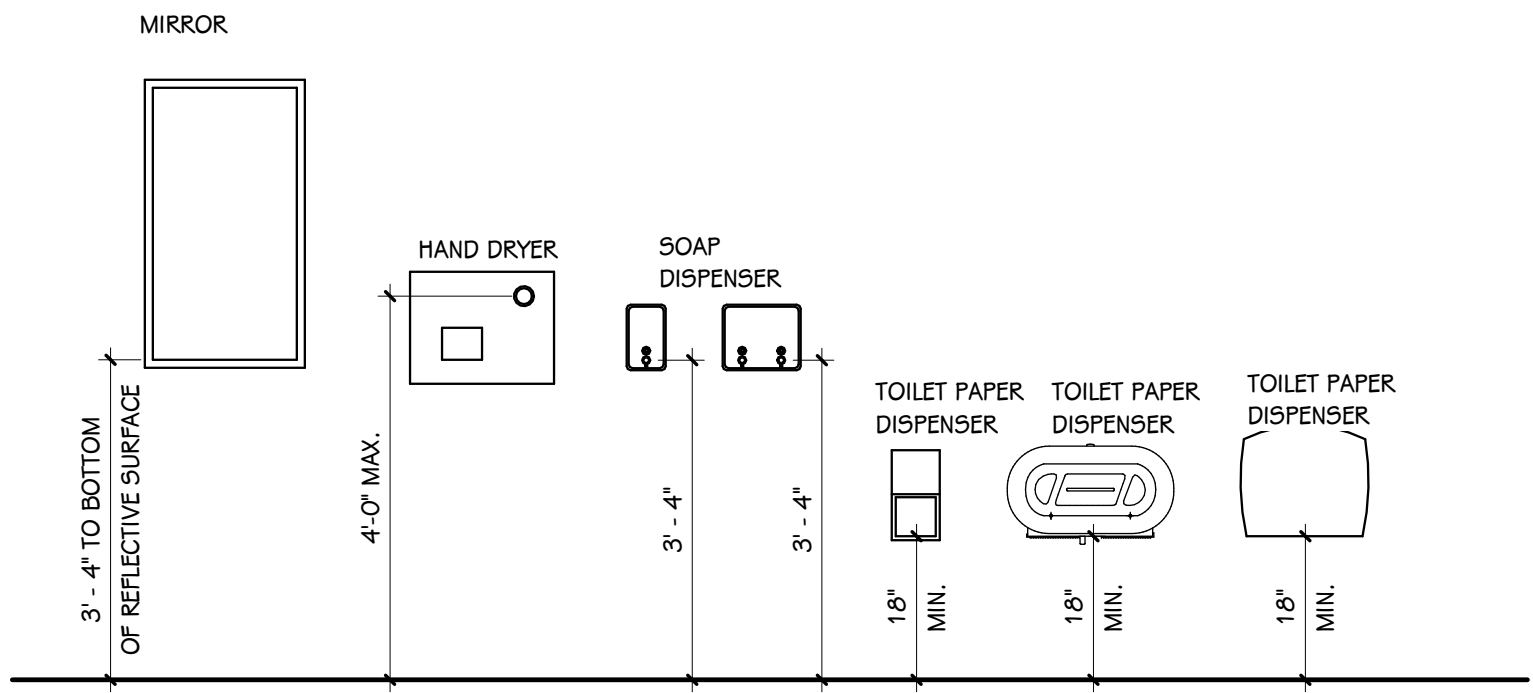
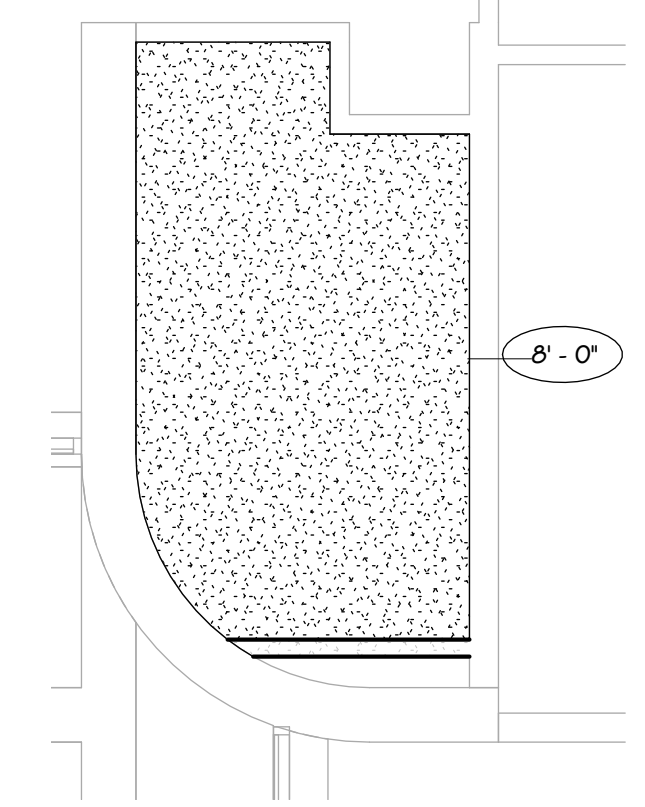
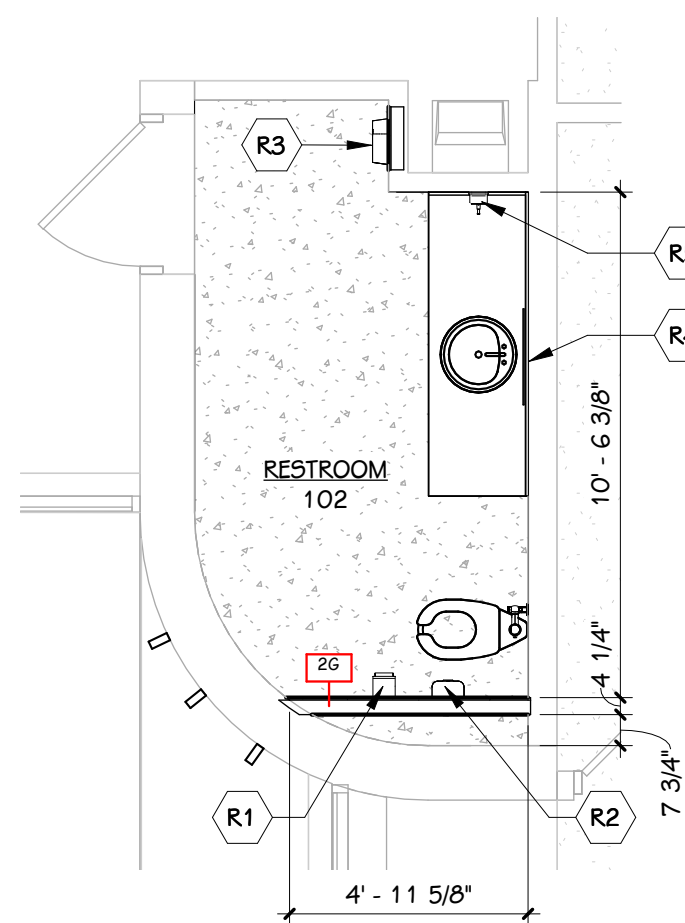
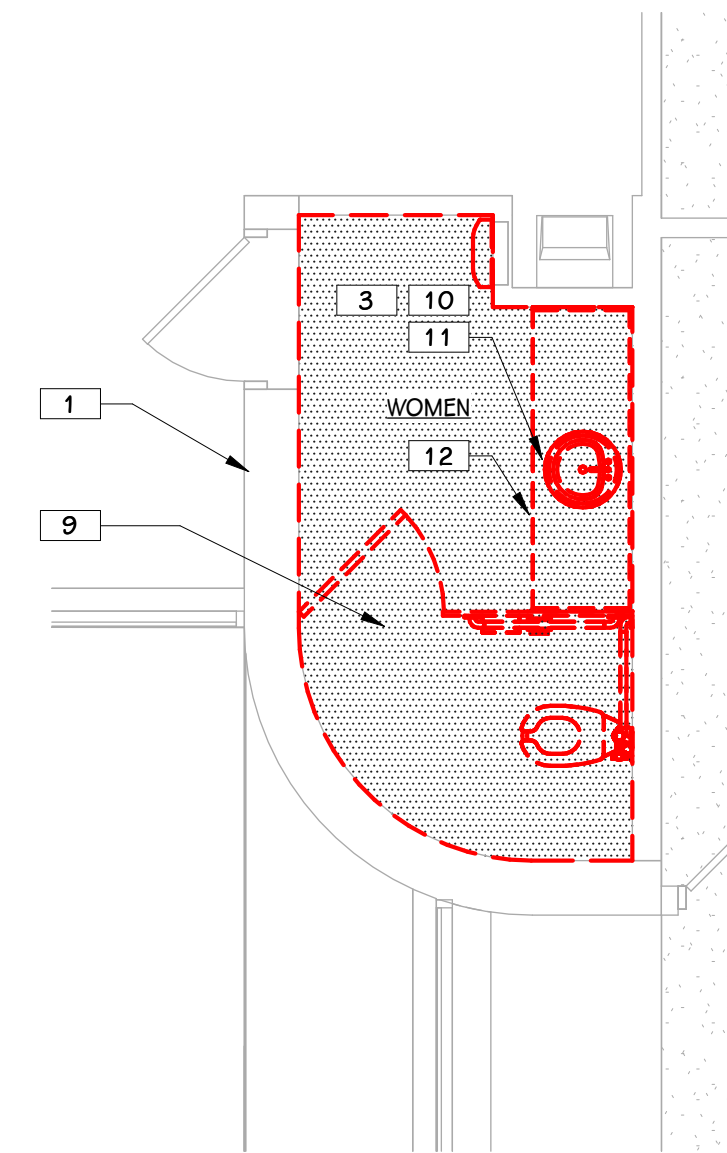
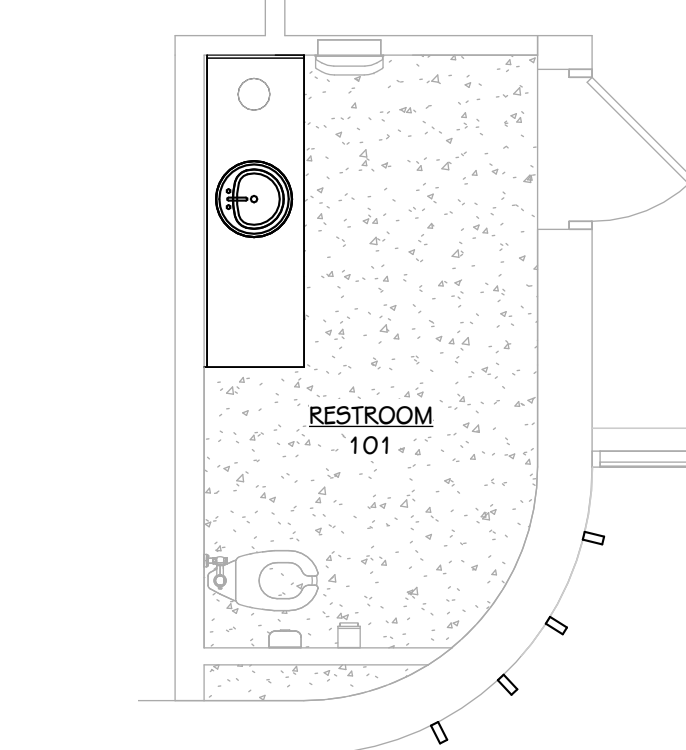
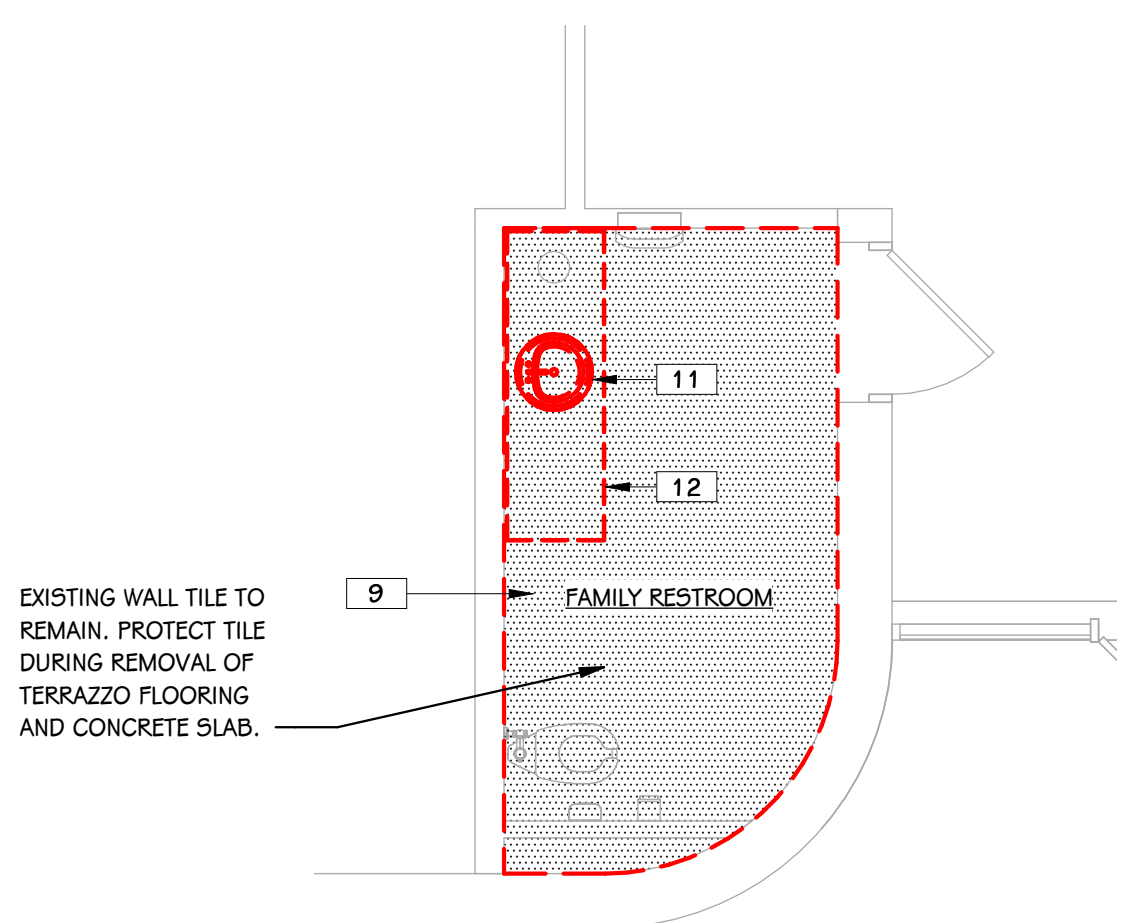
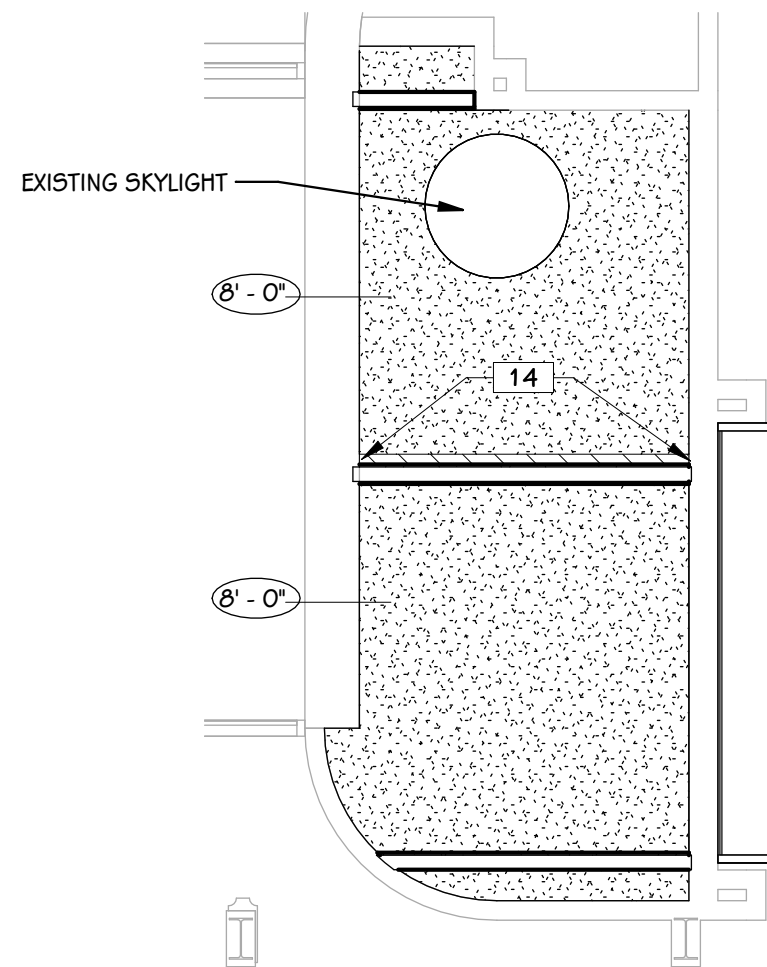
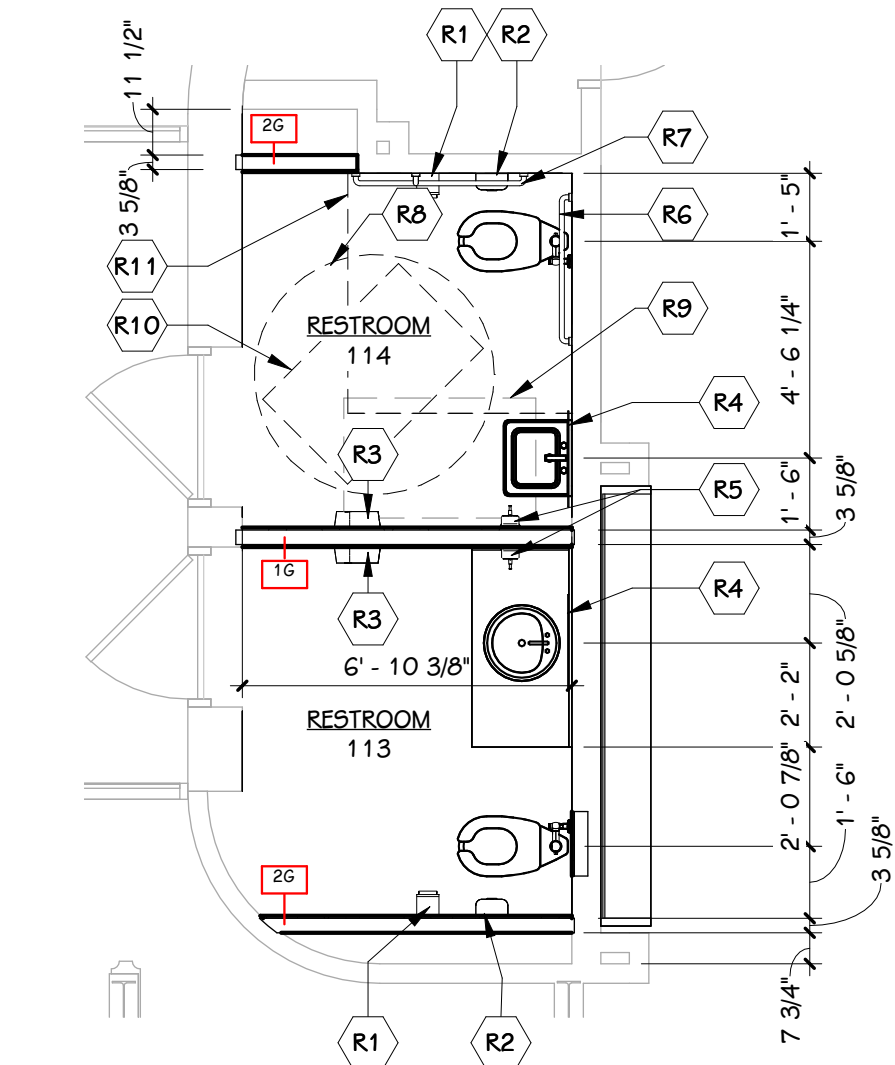
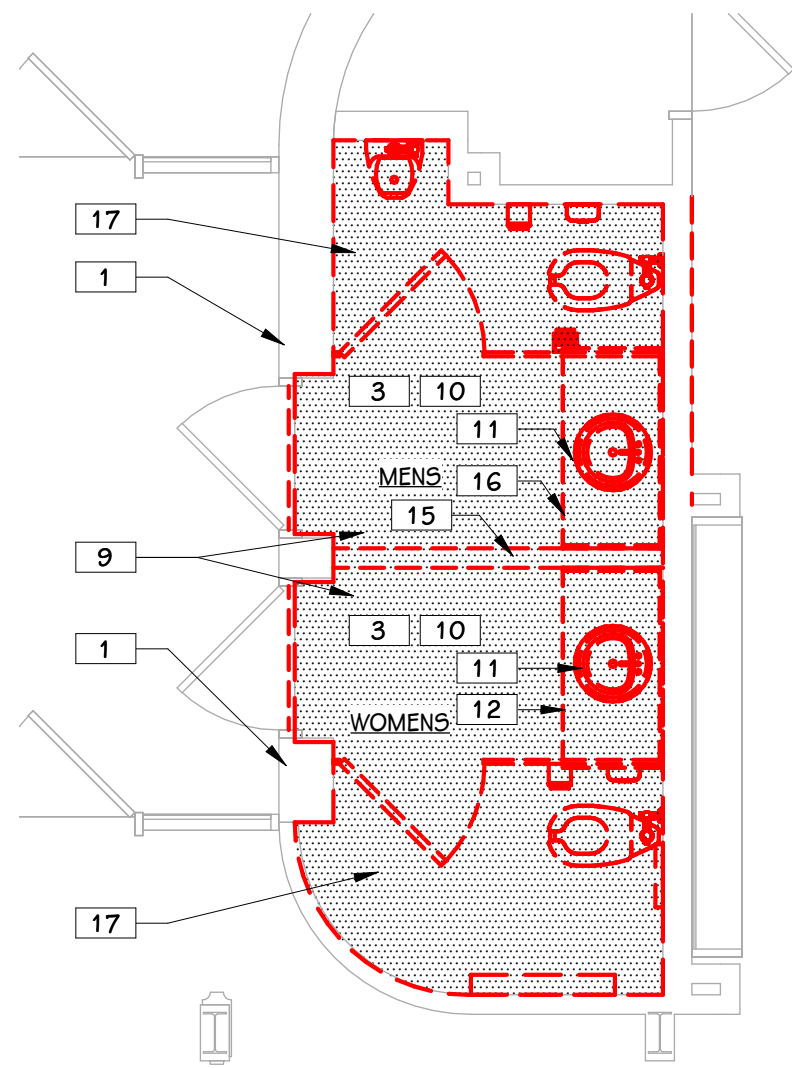
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INTERIOR SIGNAGE ELEAVTIONS
3" = 1'-0"



KEYED NOTES - ARCHITECTURAL - DEMOLITION	
1	REMOVE EXISTING MOUNTED WALL SIGNAGE, PATCH AND REPAIR BRICK AND MORTAR AS NEEDED. (SEE 3/C-A301)
2	CAREFULLY REMOVE STAFF LOCKERS INCLUDING BASE AND TOP. SALVAGE AND REINSTALL. SEE ARCHITECTURAL PLAN FOR NEW LOCATION.
3	REMOVE CERAMIC WALL TILE AND MORTAR BED FROM THE ENTIRE ROOM. REMOVE GYP. BD. BEHIND TILE. PREP FOR NEW FINISHES.
4	CONTRACTOR TO PROTECT EXISTING WOOD SHELVING UNITS DURING CONSTRUCTION. SEE ARCHITECTURAL PLAN FOR NEW LOCATION.
5	REMOVE STEEL LIBRARY SHELVING AND WOOD END PANELS AND RETURN TO OWNER. PATCH ALL FLOORS WHERE ANCHORS WERE REMOVED.
6	REMOVE EXISTING CIRCULATION DESK IN ITS ENTIRETY. PATCH AND REPAIR ANY FLOORING DAMAGED OR AFFECTED BY REMOVAL OF CIRCULATION DESK. SALVAGE METAL STORAGE COMPONENTS AND RETURN TO OWNER. SEE ELECTRICAL FOR ADDITIONAL WORK.
7	SHELF-CHECKOUT KIOSK TO BE REMOVED BY OWNER. PATCH AND REPAIR ANY FLOORING DAMAGED OR AFFECTED BY REMOVAL. SEE ELECTRICAL FOR ADDITIONAL WORK.
8	NOT USED
9	SAWCUT AND COMPLETELY REMOVE EXISTING SLAB FROM THE ENTIRE ROOM. PROTECT THE EXISTING TERRAZZO IN THE VESTIBULES TO REMAIN. SEE PLUMBING DRAWINGS. PREP FOR INSTALLATION OF NEW CONCRETE SLAB.
10	COMPLETELY REMOVE ALL TOILET PARTITIONS AND/OR RESTROOM ACCESSORIES FROM ENTIRE ROOM. SALVAGE AND RE-INSTALL TOILET ACCESSORIES.

KEYED NOTES - ARCHITECTURAL - DEMOLITION	
11	REMOVE EXISTING PLUMBING FIXTURE. SEE PLUMBING DRAWINGS FOR MORE INFORMATION.
12	CAREFULLY REMOVE EXISTING BUILT-IN CASWORK, INCLUDING LAVATORY, QUARTZ COUNTERTOP, BACKSPASHES AND PLASTIC LAMINATE CASWORK. SEE PLUMBING FOR ADDITIONAL WORK. SALVAGE AND REINSTALL BUILT-IN CASWORK IN SAME LOCATION.
13	DEMO EXISTING SILL AT LOCATION OF CORNER PLANTER (SEE DETAILS 1-4/ A321)
14	REPAIR CEILING AT THIS AREA, MATCH ADJACENT FINISH.
15	COMPLETELY REMOVE EXISTING METAL STUDS AND GYPSUM BOARD WALL. PREP FOR NEW CONSTRUCTION.
16	COMPLETELY REMOVE EXISTING BUILT-IN CASWORK, ENTIRELY INCLUDING LAVATORY, QUARTZ COUNTERTOP, BACKSPASHES AND PLASTIC LAMINATE CASWORK.
17	COMPLETELY REMOVE GYP. BD./PLASTER CEILING FROM ENTIRE ROOM

RESTROOM KEYNOTES	
NOTES: REFER TO MOUNTING HEIGHT DETAILS ON THIS SHEET PROVIDE WOOD BLOCKING FOR ALL WALL-HUNG ACCESSORIES	
R1	TOILET PAPER DISPENSER, O.F.C.L.: SURFACE-MOUNTED, MOUNT PER ICC/ANSI AND ADA; COORDINATE WITH GRAB BARS AND SANITARY NAPKIN DISPOSAL
R2	SANITARY NAPKIN DISPOSAL, C.F.C.L.: SURFACE-MOUNTED, MOUNT PER ICC/ANSI AND ADA; COORDINATE WITH GRAB BARS AND TOILET PAPER DISPENSER;
R3	ELECTRIC HAND DRYER: MOUNT PER ADA; SEE ELECTRICAL
R4	24" x 36" MIRROR: SURFACE-MOUNTED, MOUNT PER ADA; MOUNT CENTERED ON LAVATORY;
R5	SOAP DISPENSER, O.F.C.L.: MOUNT PER ICC/ANSI AND ADA; COORDINATE WITH MIRROR AND CASWORK
R6	REAR WALL GRAB BAR (36" HORIZ.): SURFACE-MOUNTED, MOUNT PER ICC/ANSI AND ADA
R7	SIDE WALL GRAB BAR (42" HORIZ. AND 18" VERT.): SURFACE-MOUNTED, MOUNT PER ICC/ANSI AND ADA
R8	CLEAR FLOOR SPACE: 60" DIAMETER WHEELCHAIR TURNING SPACE
R9	CLEAR FLOOR SPACE: 30" X 48" SPACE AT LAVATORY, SINK, URINAL OR ELECTRIC WATER COOLER
R10	CLEAR FLOOR SPACE: 30" X 48" SPACE ALLOWED IN SINGLE OCCUPANCY ROOM BEYOND DOOR SWING
R11	CLEAR FLOOR SPACE: 56" X 60" CLEAR FLOOR SPACE AT WATER CLOSET

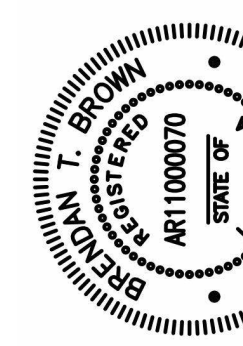
NOTES - TOILET ACCESSORY	
1	OF = OWNER FURNISHED, OI = OWNER INSTALLED, CF = CONTRACTOR FURNISHED, CI = CONTRACTOR INSTALLED.
2	DIMENSIONS INDICATED ARE TYPICAL UNLESS NOTED OTHERWISE ON PLANS.
3	GENERIC PLUMBING FIXTURES ARE SHOWN. REFER TO PLUMBING DRAWINGS AND SPECIFICATIONS FOR FIXTURE TYPES, MANUFACTURERS AND MOUNTING HEIGHTS.

ISSUED FOR DATE

PROJECT TITLE
2025 JEFFERSONVILLE + CLARKSVILLE
LIBRARY IMPROVEMENTS

1312 EASTERN BLVD.
CLARKSVILLE, IN 47129

OWNER
JEFFERSONVILLE TOWNSHIP PUBLIC
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VOLUME 2 -
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SHEET TITLE
ENLARGED RESTROOM PLANS,
BARRIER-FREE DETAILS, TYPICAL
MOUNTING HEIGHTS, ETC. AND
INTERIOR SIGNAGE
SHEET NUMBER
C-A401
DATE
OCTOBER 20, 2025
25-196.000

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DOOR SCHEDULE										
NUMBER		ROOM NAME	FIRE RATING		DOOR		SIZE		FRAME	REMARKS
DOOR	ROOM		DOOR	FRAME	TYPE	MAT	WIDTH	HEIGHT	MAT	
100	100	VESTIBULE	-	-	FG2	ALUMINUM	6' - 0"	7' - 2"	ALUMINUM	- R1, R2
103	102	RESTROOM	-	-			0' - 1 1/4"	5' - 0"		
110A	110	CORRIDOR	-	-	FG2	ALUMINUM	3' - 0"	7' - 0"	ALUMINUM	- R1
110B	110	CORRIDOR	-	-	FG2	WOOD	6' - 0"	7' - 0"	HM	- R1, R2
115	115	VESTIBULE	-	-	FG2	ALUMINUM	6' - 0"	7' - 0"	ALUMINUM	- R1, R2
116	116	OFFICE	-	-	F	WOOD	3' - 0"	7' - 2"	HM	- R1
117	109	MEETING ROOM	-	-	VL	WD	6' - 0"	7' - 2"	HM	- -
119A	119	CORRIDOR	-	-	F	WOOD	3' - 0"	7' - 2"	HM	- R1
119B	119	CORRIDOR	90 MINUTES	90 MINUTES	F	WOOD	3' - 0"	7' - 2"	HM	- R1
121	121	MECH.	-	-	F	WOOD	3' - 0"	7' - 2"	HM	- R1
122	122	OFFICE	90 MINUTES	90 MINUTES	F	WOOD	3' - 0"	7' - 2"	HM	- R1
123	123	OFFICE	90 MINUTES	90 MINUTES	F	WOOD	3' - 0"	7' - 2"	HM	- R1

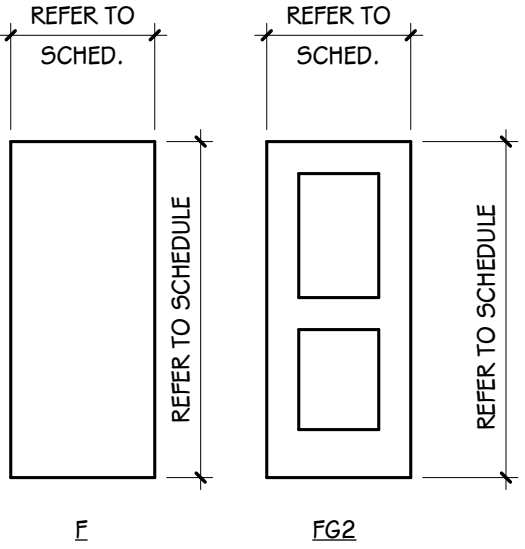
GENERAL NOTES - DOORS:

- ALL DOORS AND FRAMES NOTED IN THIS SCHEDULE ARE EXISTING.
- REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL ACCESS CONTROL INFORMATION NOT NOTED ON THIS SHEET.

DOOR SCHEDULE REMARKS, NOTES:

R1. DOOR CONTAINS ACCESS CONTROL PROVISIONS, COORDINATE WITH DOOR ACCESS CONTROL RISERS, COORDINATE WITH ELECTRICAL DRAWINGS, COORDINATE WITH OWNERS ACCESS CONTROL VENDOR.

R2. 6'-0" DOOR SIZE EQUALS PAIR OF 3'-0" DOORS.



EXISTING DOOR PANEL ELEVATIONS
SCALE: NONE

SHEET TITLE
DOOR SCHEDULES

DATE
OCTOBER 20, 2025

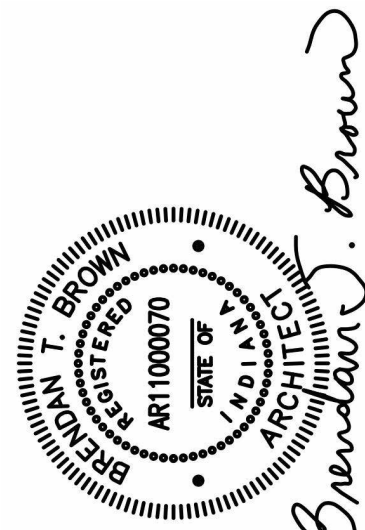
SHEET NUMBER
C-A501
25-196.000

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PROJECT TITLE
2025 JEFFERSONVILLE + CLARKSVILLE
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VOLUME 2 -
CLARKSVILLE

1312 EASTERN BLVD.
CLARKSVILLE, IN 47129



Brandon J. Brown

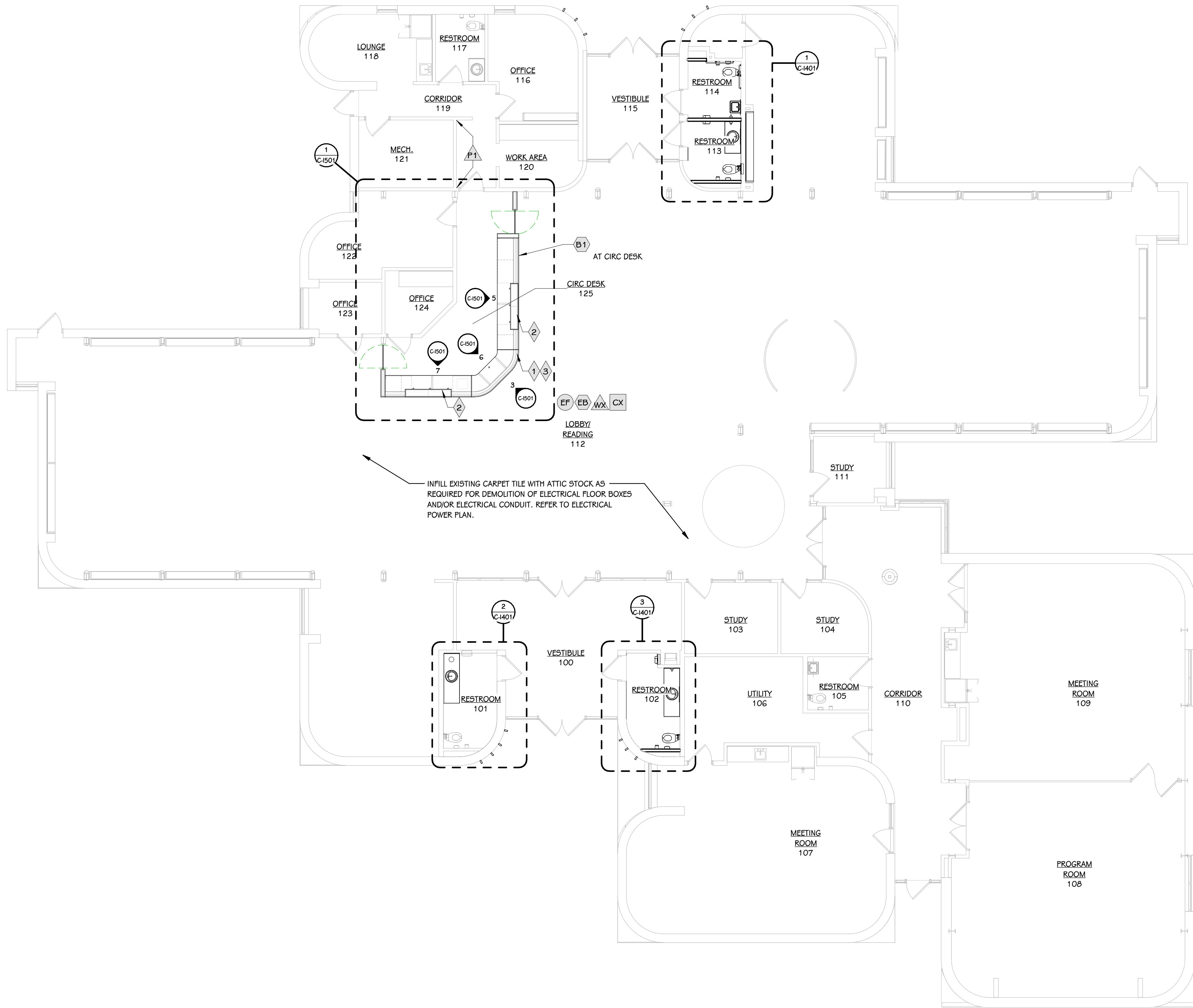
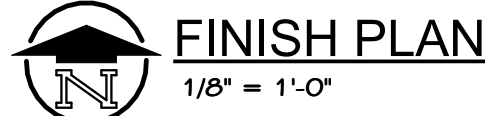
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DATE

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FINISH SCHEDULE

Flooring	Base	Walls	Ceilings	Specialties
FT1 GLAZED PORCELAIN FLOOR TILE: "DAL TILE" 12" X 24" PATTERN- UNDEN POINT COLOR- GRIGIO GROUT COLOR TO BE SELECTED BY ARCHITECT INSTALLATION METHOD- 33% OFFSET	B1 RUBBER BASE: "FLEXCO" BASE 2000 COLOR- 014 MEDIUM GRAY 4-1/2" HIGH WITH 1/2" TDE	P1 PAINT: "SHERWIN WILLIAMS" COLOR- NEBULOUS WHITE SW7063	GB1 GYP. BOARD CEILING: FINISH PAINT, ALL EXPOSED SURFACES; "SHERWIN WILLIAMS" COLOR- EXTRA WHITE SW7006	1 SOLID SURFACE COUNTERTOP: ALL EXPOSED SURFACES; "CORIAN" COLOR- EXCAVAGE
EF EXISTING FLOOR: NO FINISH WORK REQUIRED UNLESS OTHERWISE NOTED	NB NO BASE: WALL TILE EXTENDS TO FINISHED FLOOR; NO SEPARATE WALL BASE REQUIRED	T1 GLAZED CERAMIC WALL TILE: "DAL TILE" COLOR BY NUMBERS 4" X 8" COLOR 1- ARCTIC WHITE 0190 COLOR 2- DESERT GRAY X114 COLOR 3- CHALKBOARD 0180 GROUT COLOR TO BE SELECTED BY ARCHITECT INSTALLATION METHOD- SEE TILE ELEVATIONS	CX EXISTING CEILING: NO FINISH WORK REQUIRED UNLESS OTHERWISE NOTED	2 SOLID SURFACE TRANSACTION TOP: ALL EXPOSED SURFACES; "CORIAN" COLOR- EXCAVAGE
	EB EXISTING BASE: NO FINISH WORK REQUIRED UNLESS OTHERWISE NOTED	WX EXISTING WALL FINISH: NO FINISH WORK REQUIRED UNLESS OTHERWISE NOTED		3 PLASTIC LAMINATE CASEWORK: ALL EXPOSED SURFACES; "WILSONART" COLOR- WILLIAMSBURG CHERRY 7936K FINISH- 07 TEXTURED GLOSS

NOTES - FINISH PLANS

- 1 REFER TO ENLARGED FINISH PLANS AND PATTERN PLANS FOR ADDITIONAL FINISH DETAILS.
- 2 WHERE NO FINISH TAG IS SHOWN ALL EXISTING FINISHES ARE TO REMAIN, UNLESS OTHERWISE NOTED.
- 3 CONTRACTOR IS RESPONSIBLE TO PROVIDE A SMOOTH AND LEVEL TRANSITION BETWEEN DIFFERING FLOOR FINISHES. CONTRACTOR TO PROVIDE TRANSITION STRIP BETWEEN ALL DISSIMILAR FLOORING MATERIALS. SEE SPECIFICATIONS FOR FLOORING TRANSITION STRIPS.
- 4 ALL NOTATIONS ARE INTENDED TO INDICATE FINISHES FOR ENTIRE AREA OF ITEM AND ALL EXPOSED SURFACES, INCLUDING WALL-TO-WALL, FLOOR-TO-CEILING, ENTIRE LENGTH OF SURFACE, ALL SIDES, ALL EDGES, AND ALL ASSOCIATED COMPONENTS, UNLESS OTHERWISE NOTED.
- 5 FOR ANY DOOR OR FRAME RECEIVING NEW HARDWARE OR ACCESS CONTROL WITH AN EXISTING PAINTED FINISH TOUCH UP WITH MATCHING PAINT COLOR.
- 6 TRANSITIONS BETWEEN DISSIMILAR FLOORING MATERIALS SHOULD OCCUR AT CENTER LINE OF DOOR OPENING. U.O.N.

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DATE

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LIBRARY IMPROVEMENTS

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CLARKSVILLE, IN 47129

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VOLUME 2 -
CLARKSVILLE

SHEET TITLE
FINISH PLAN AND FINISH SCHEDULE

DATE
OCTOBER 20, 2025

SHEET NUMBER
C-1101
25-196.000

ISSUED FOR

DATE

SHEET NUMBER

C-1101

25-196.000

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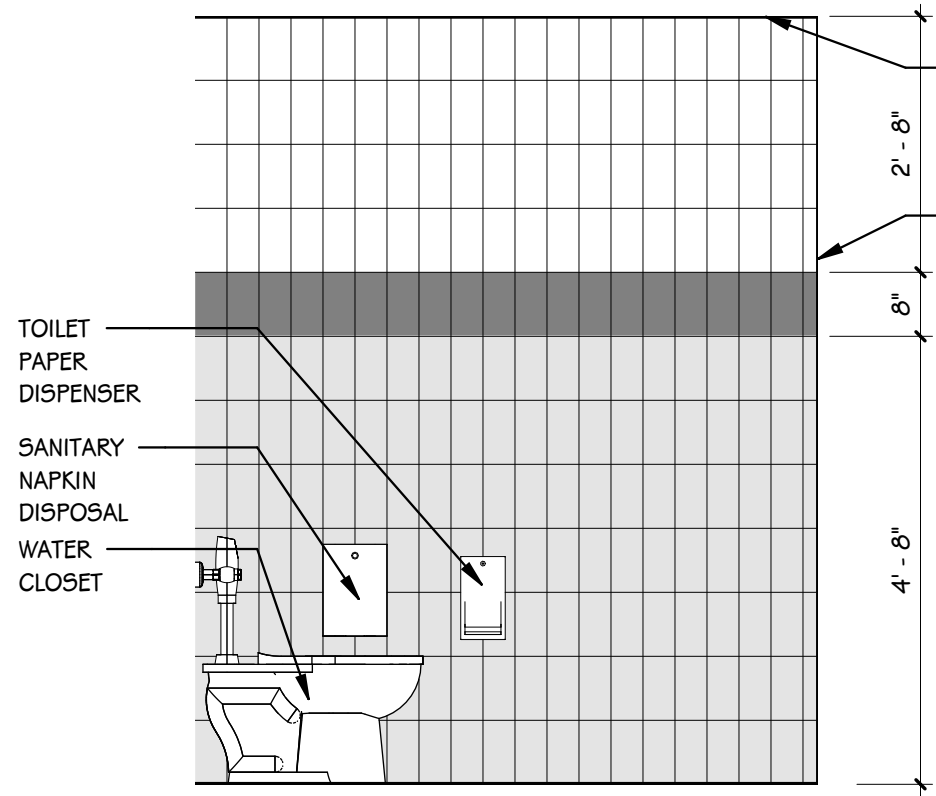
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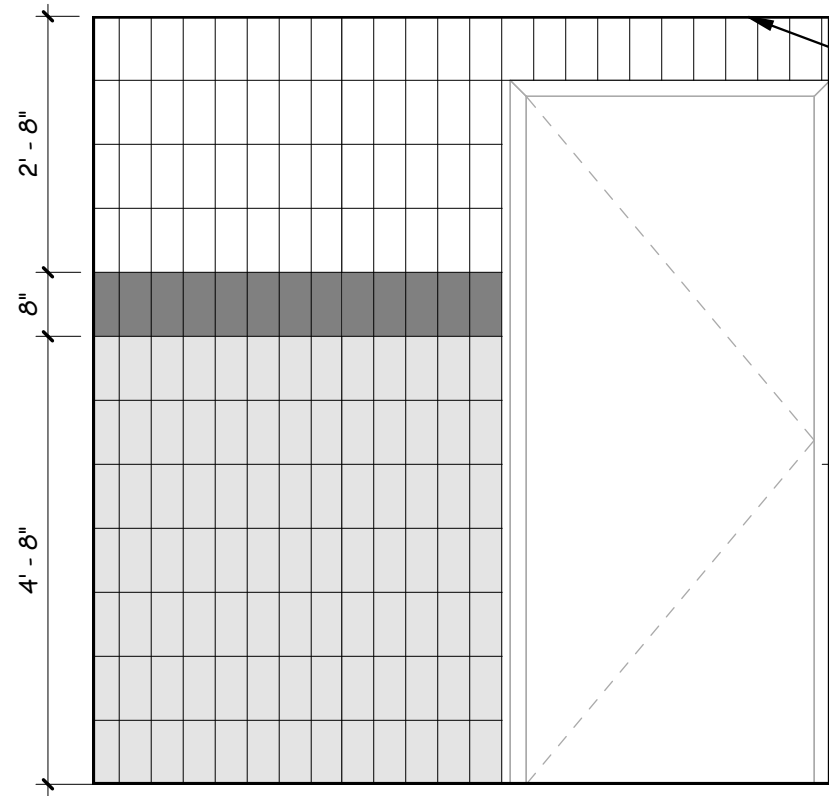
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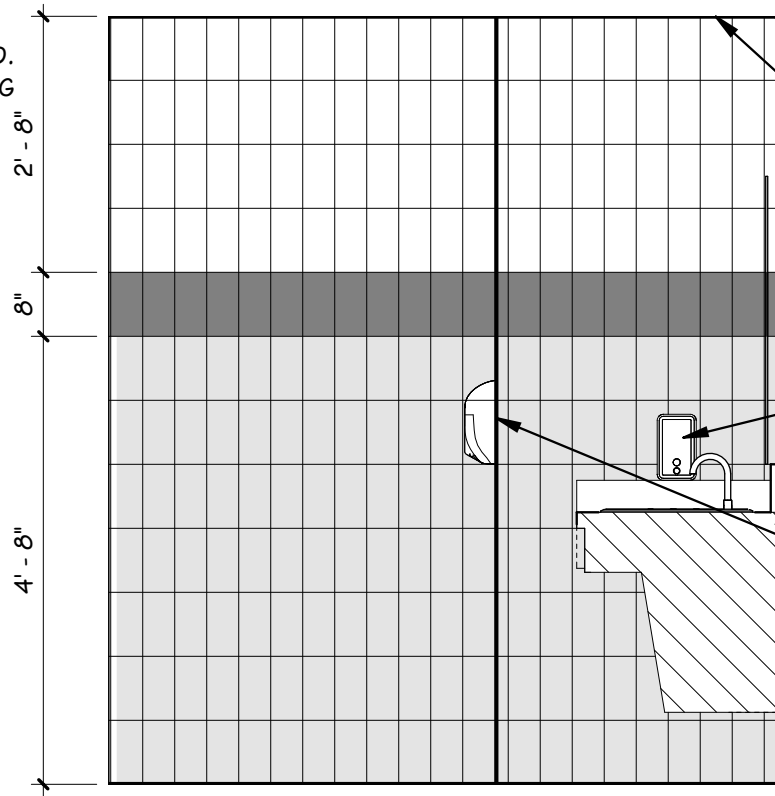
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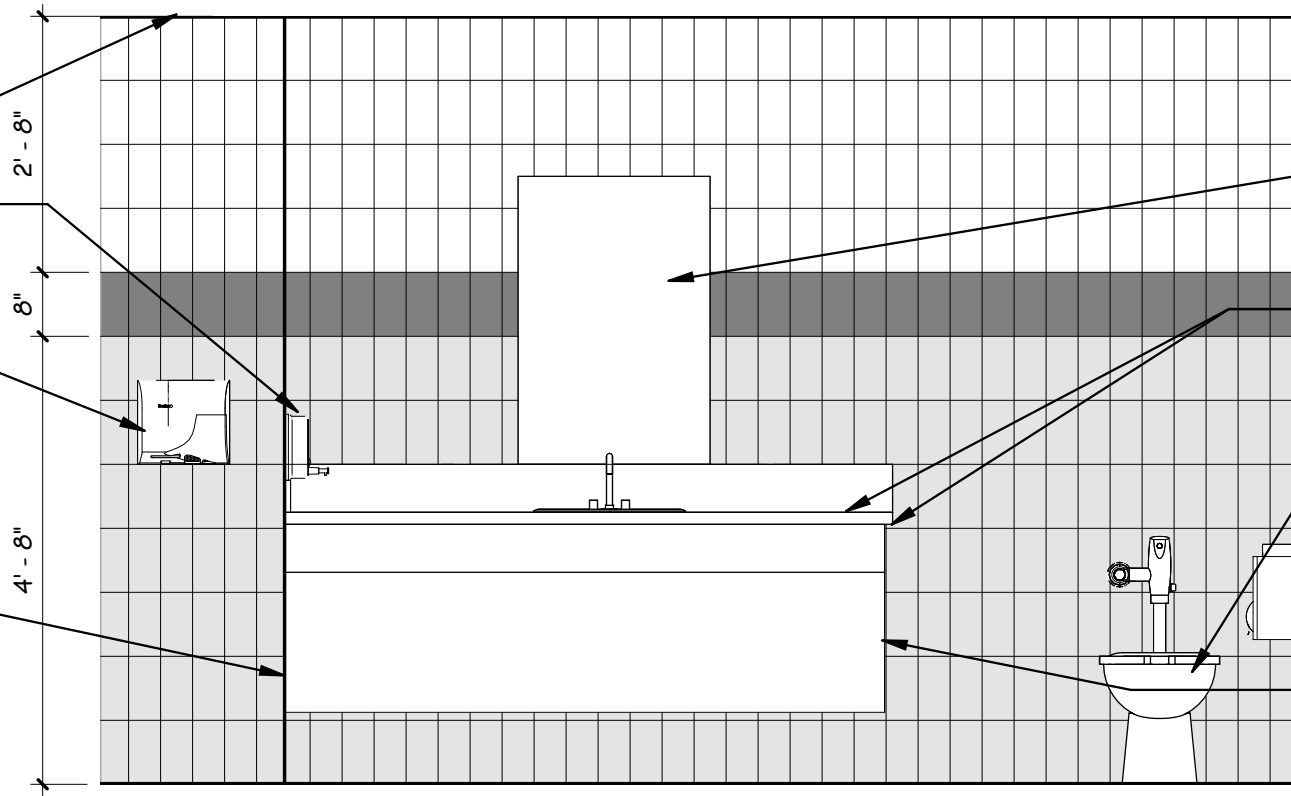
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C-1401
1/2" = 1'-0"



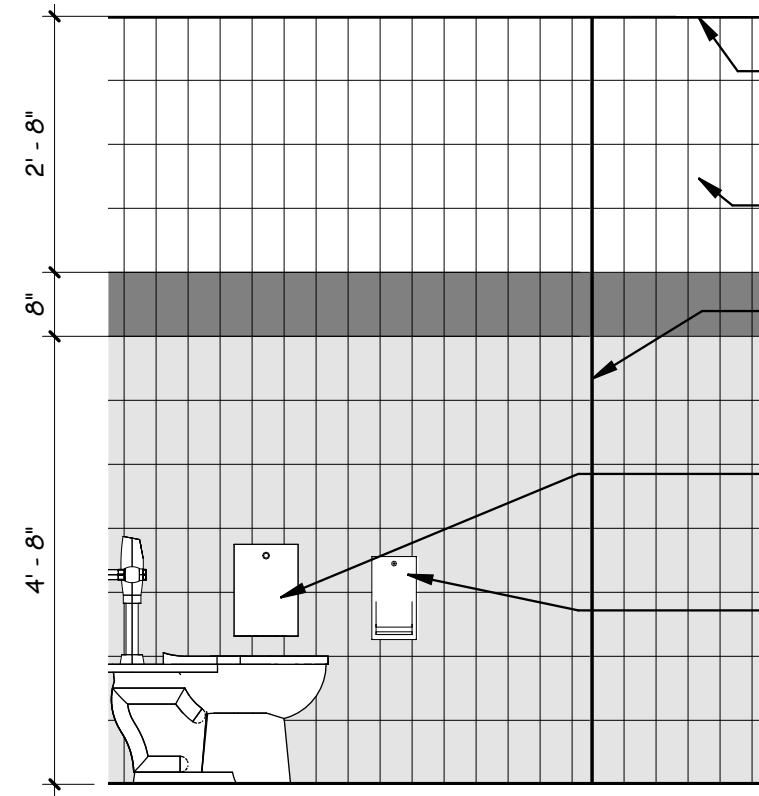
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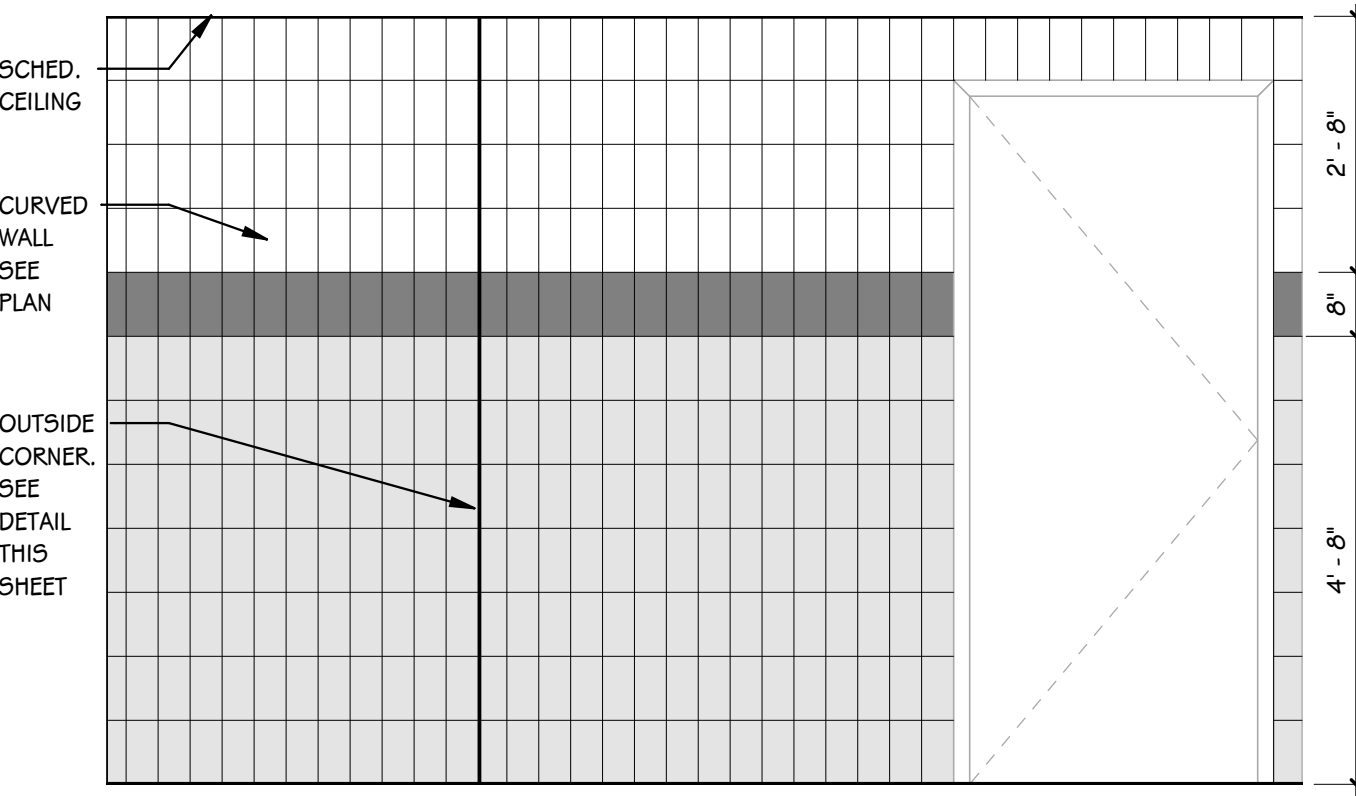
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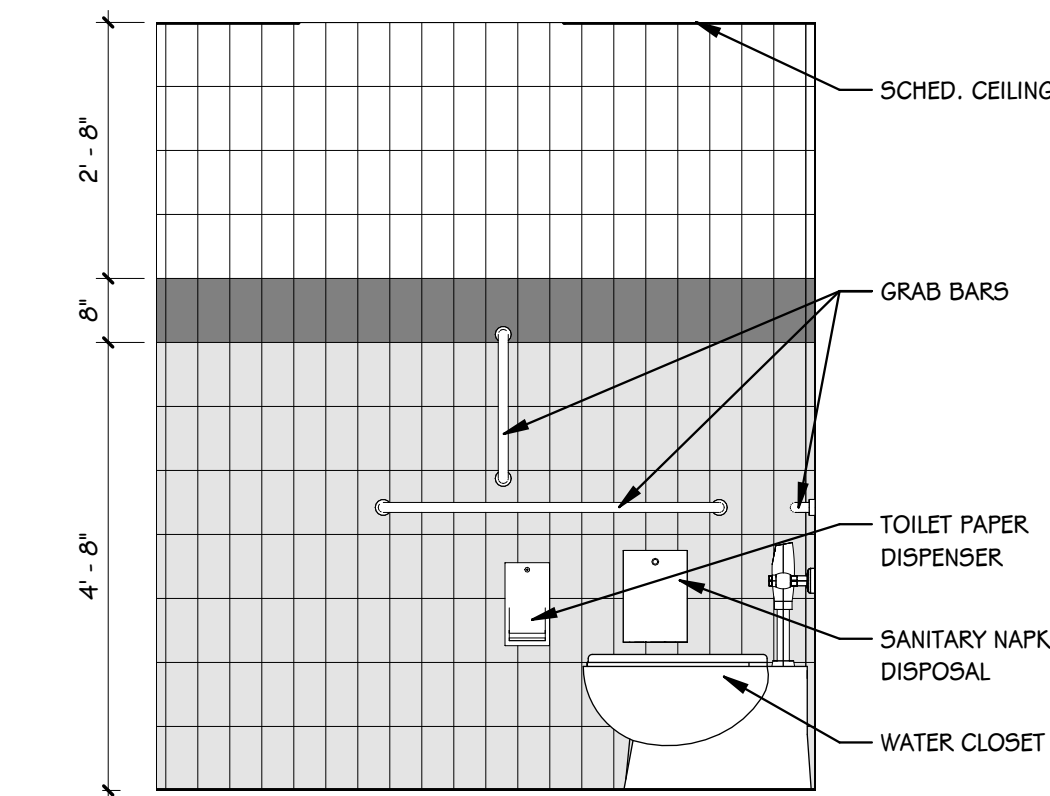
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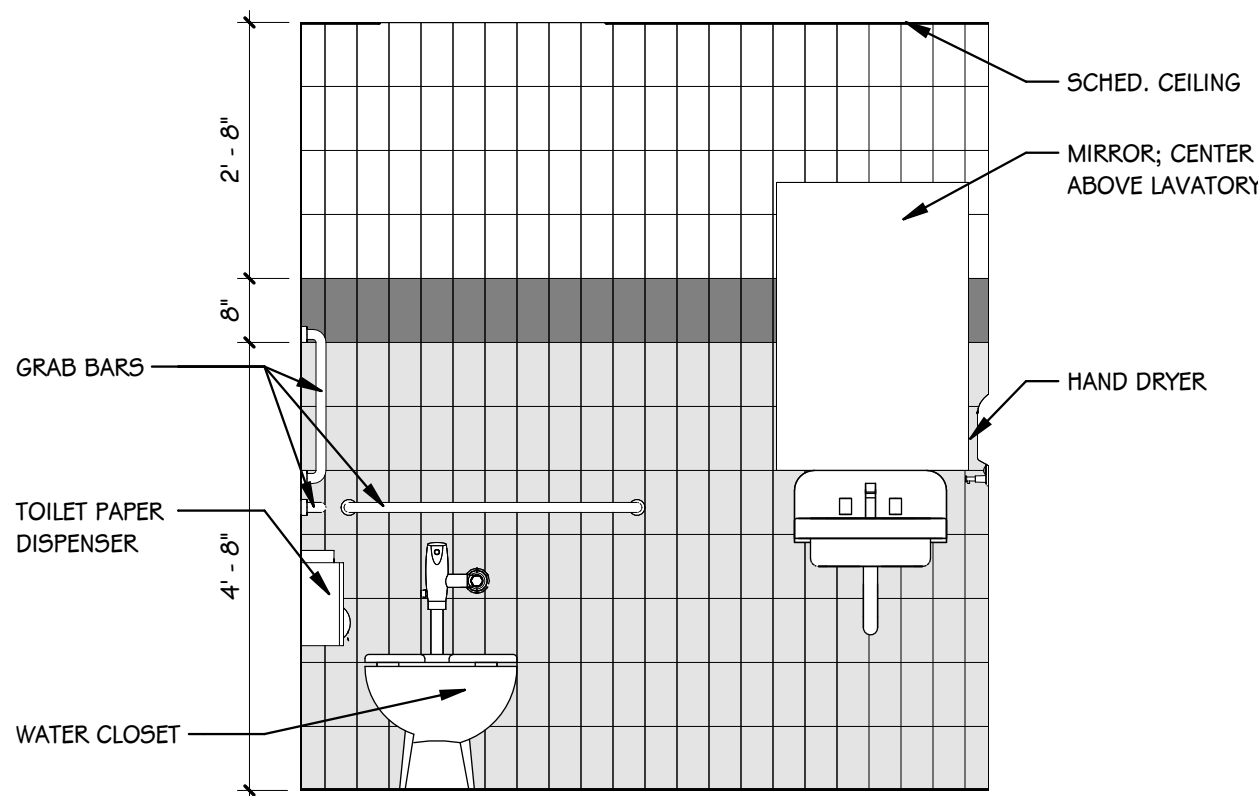
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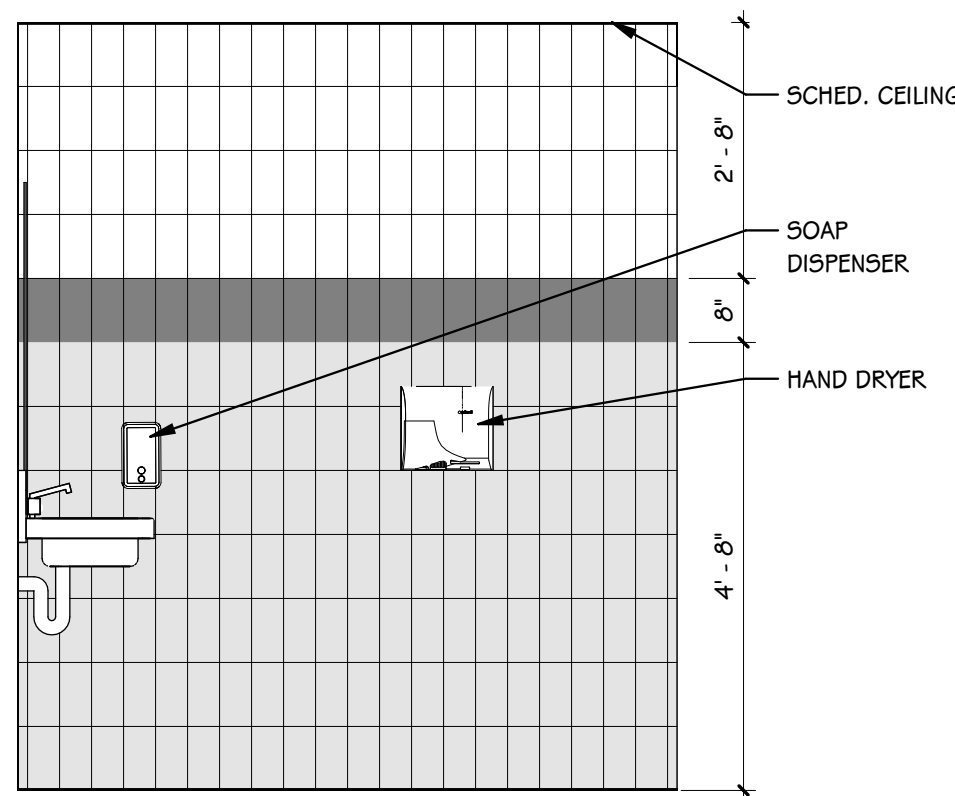
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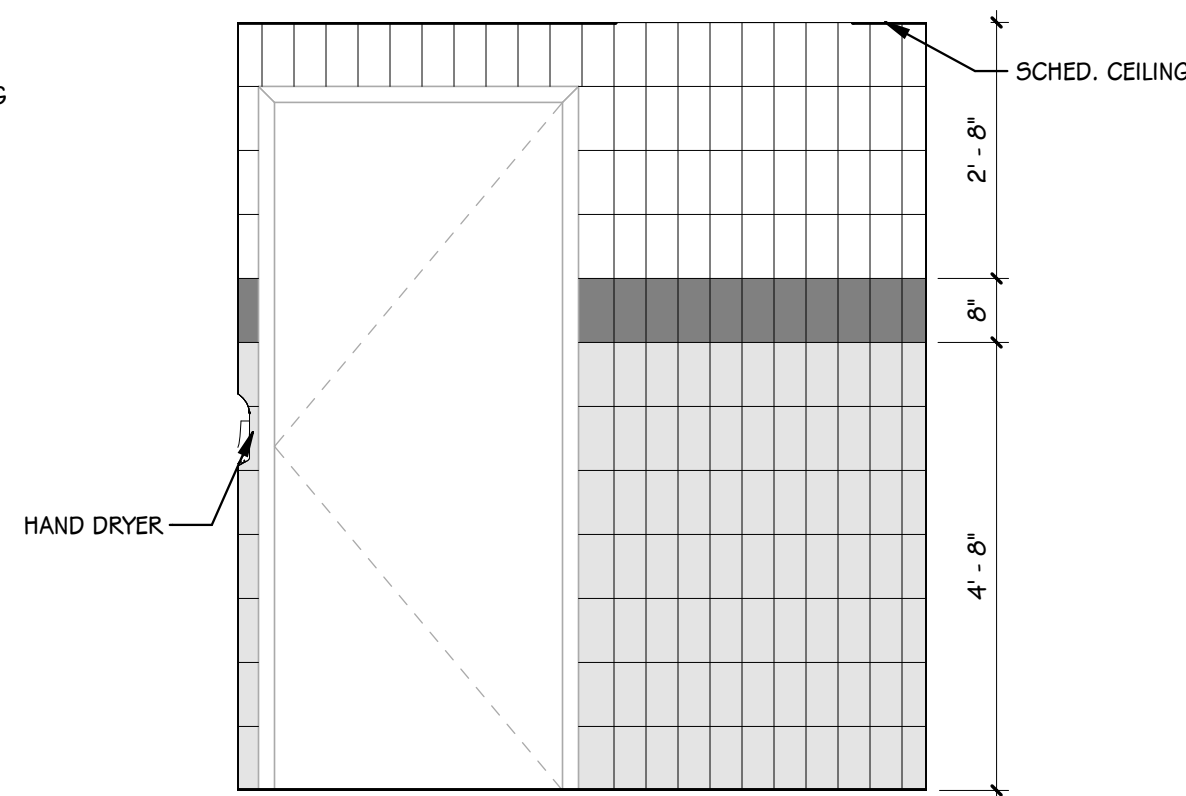
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1/2" = 1'-0"



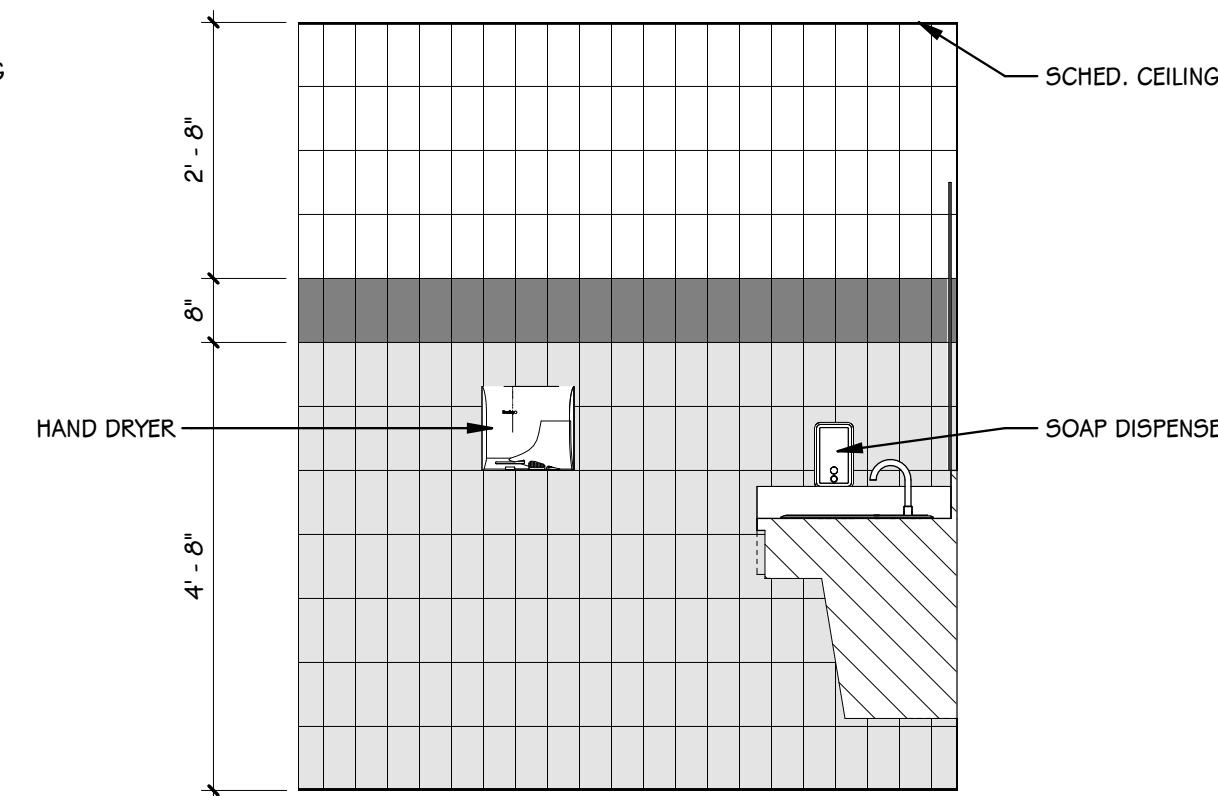
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1/2" = 1'-0"



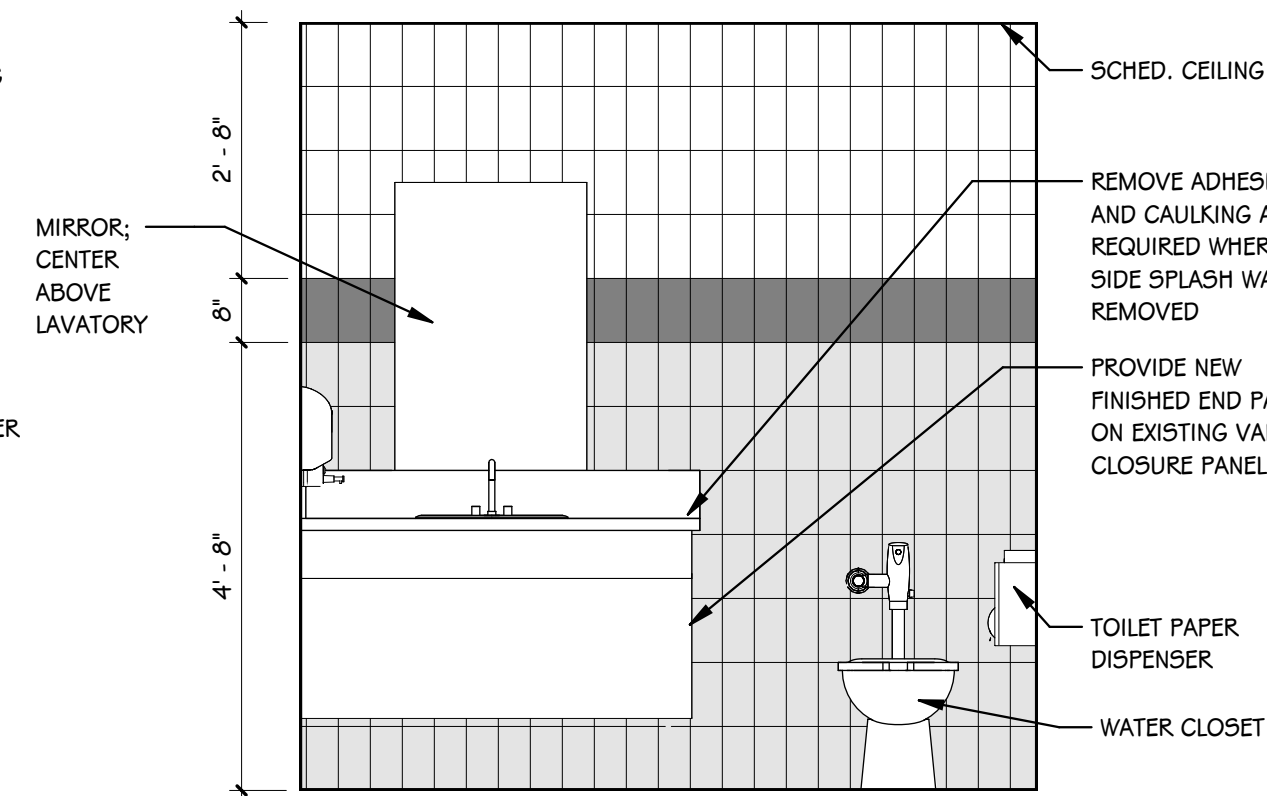
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C-1401
1/2" = 1'-0"



7
C-1401
1/2" = 1'-0"

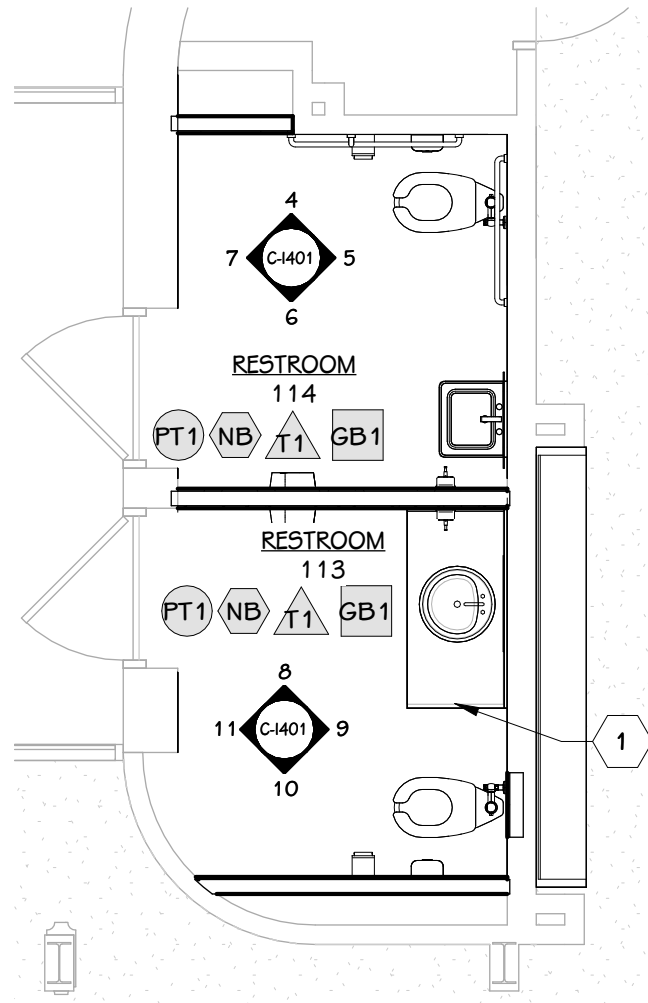


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1/2" = 1'-0"

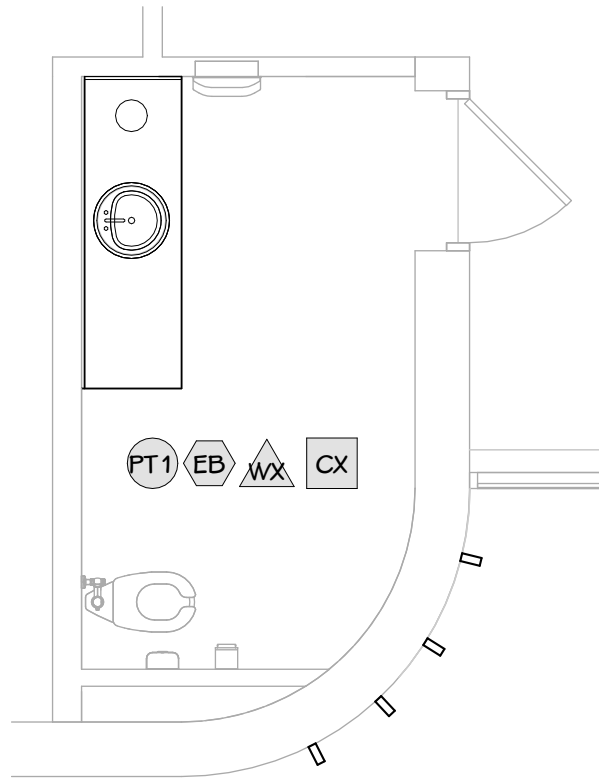


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1/2" = 1'-0"

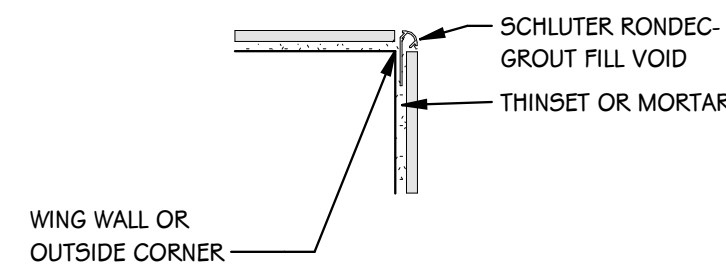
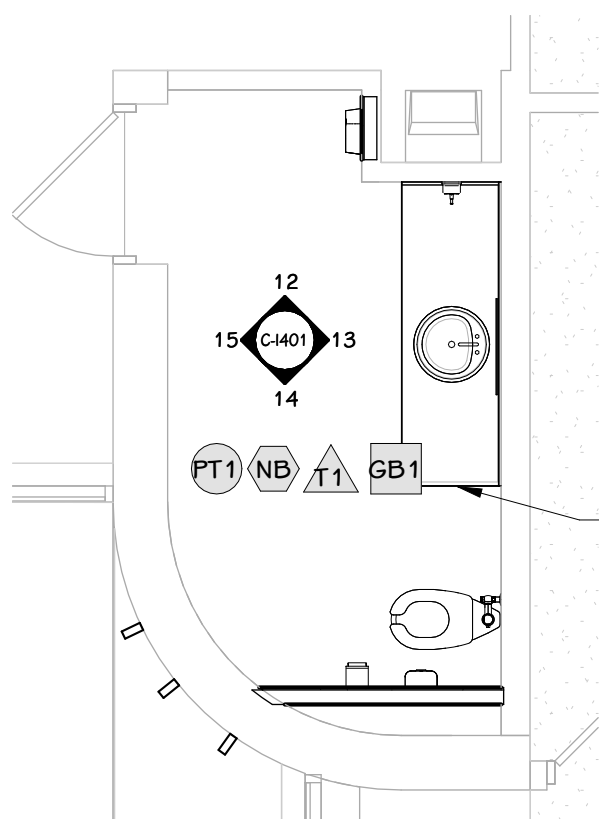
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1/4" = 1'-0"



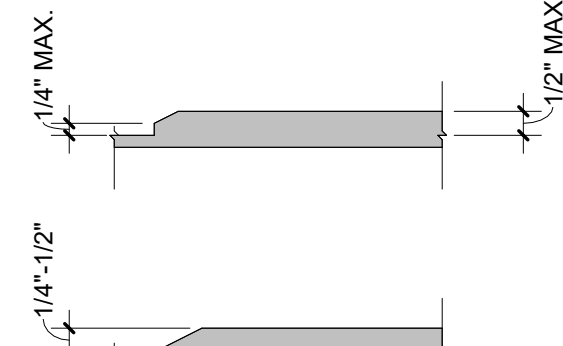
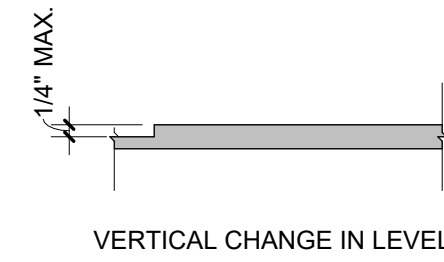
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C-1401
1/4" = 1'-0"



3
C-1401
1/4" = 1'-0"



3" = 1'-0"



3" = 1'-0"

NOTES - ENLARGED TOILET FINISH PLANS	
1	REFER TO FINISH SCHEDULE FOR FINISH INFORMATION.
2	REFER TO ARCHITECTURAL FLOOR PLANS AND SPECIFICATION FOR ADDITIONAL INFORMATION ON CONSTRUCTION MATERIALS.
3	REFER TO ARCHITECTURAL ENLARGED PLANS FOR TOILET ACCESSORIES, PARTITIONS, BARRIER-FREE REQUIREMENTS, ETC.
4	DETAILS SHOWN ILLUSTRATE DESIGN INTENT, NOT ALL POSSIBLE CONDITIONS. FOR CONDITIONS NOT SHOWN, USE DETAILS CLOSEST TO CONDITION IN QUESTION.

KEYED NOTES - INTERIORS - TOILET ROOM FINISH	
1	PROVIDE NEW FINISHED END PANEL TO SALVAGED AND REUSED CASEWORK. MATCH EXISTING LAMINATE COLOR: "FORMICA" CITADEL WARP 5882-58.

WALL TILE KEY	
T1, COLOR 1	
T1, COLOR 2	
T1, COLOR 3	

ISSUED FOR DATE

PROJECT TITLE
2025 JEFFERSONVILLE + CLARKSVILLE
LIBRARY IMPROVEMENTS

OWNER
JEFFERSONVILLE TOWNSHIP PUBLIC
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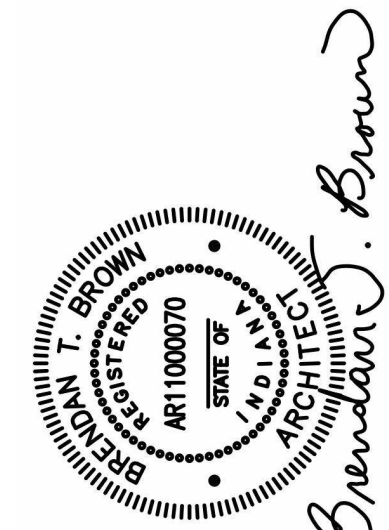
SHEET TITLE
ENLARGED RESTROOM FINISH PLANS
AND TILE ELEVATIONS

1312 EASTERN BLVD.
CLARKSVILLE, IN 47129

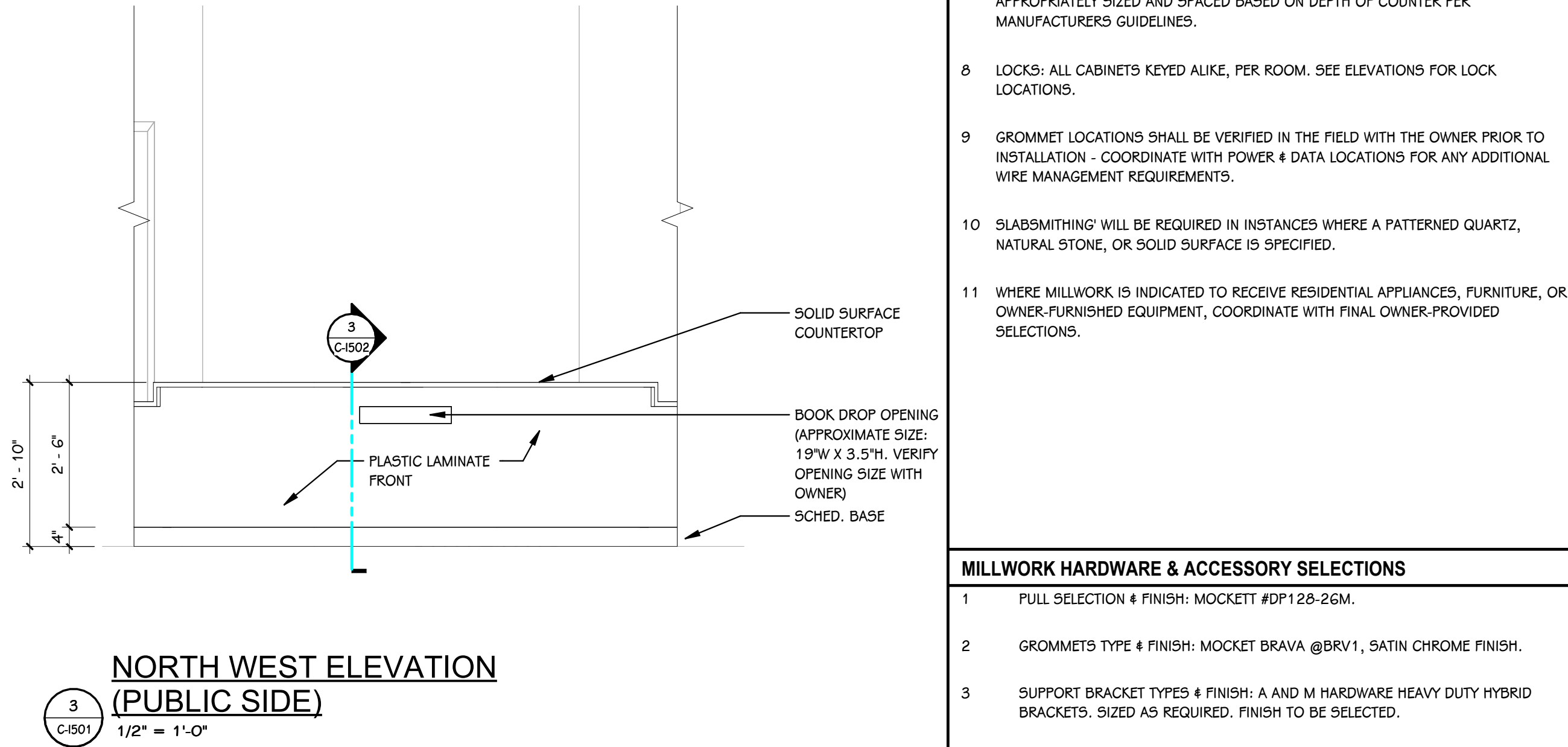
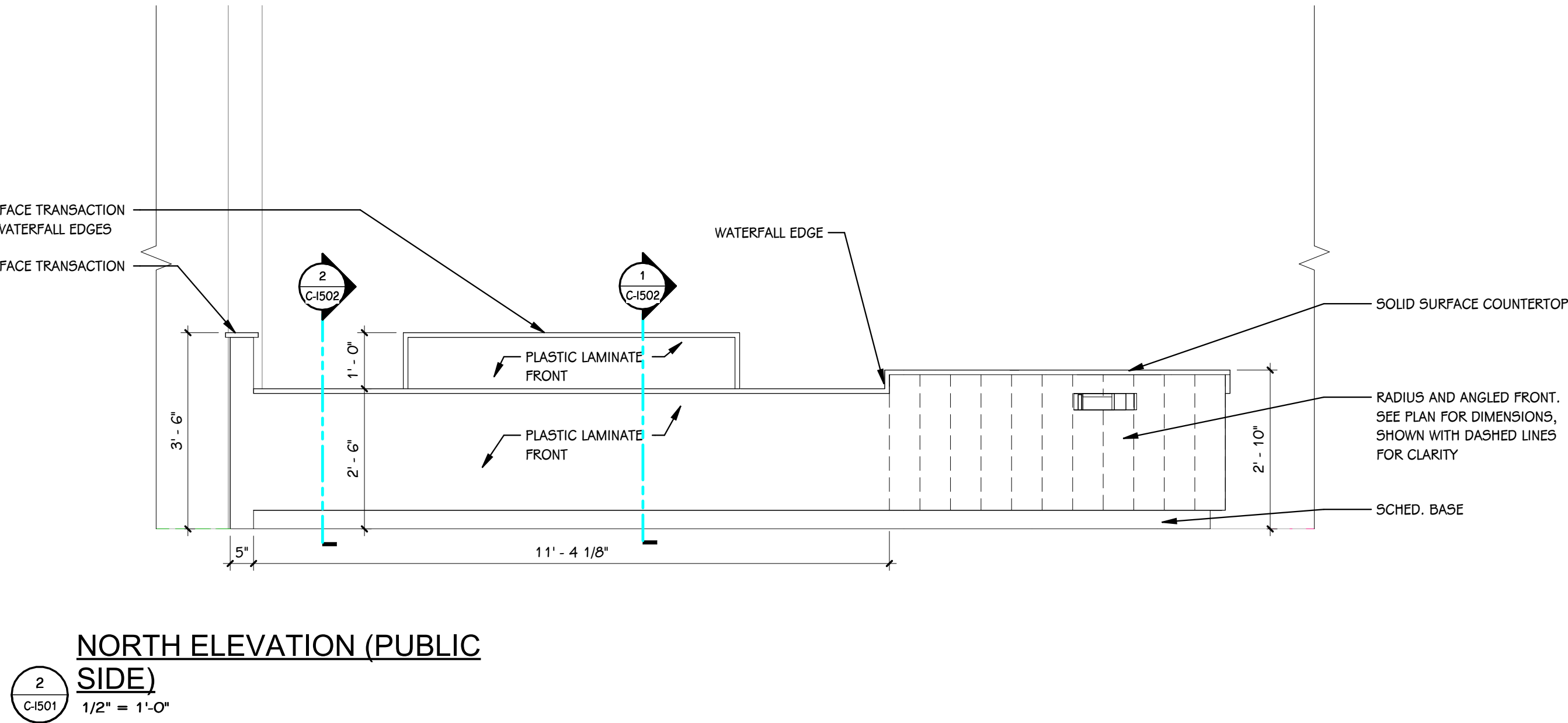
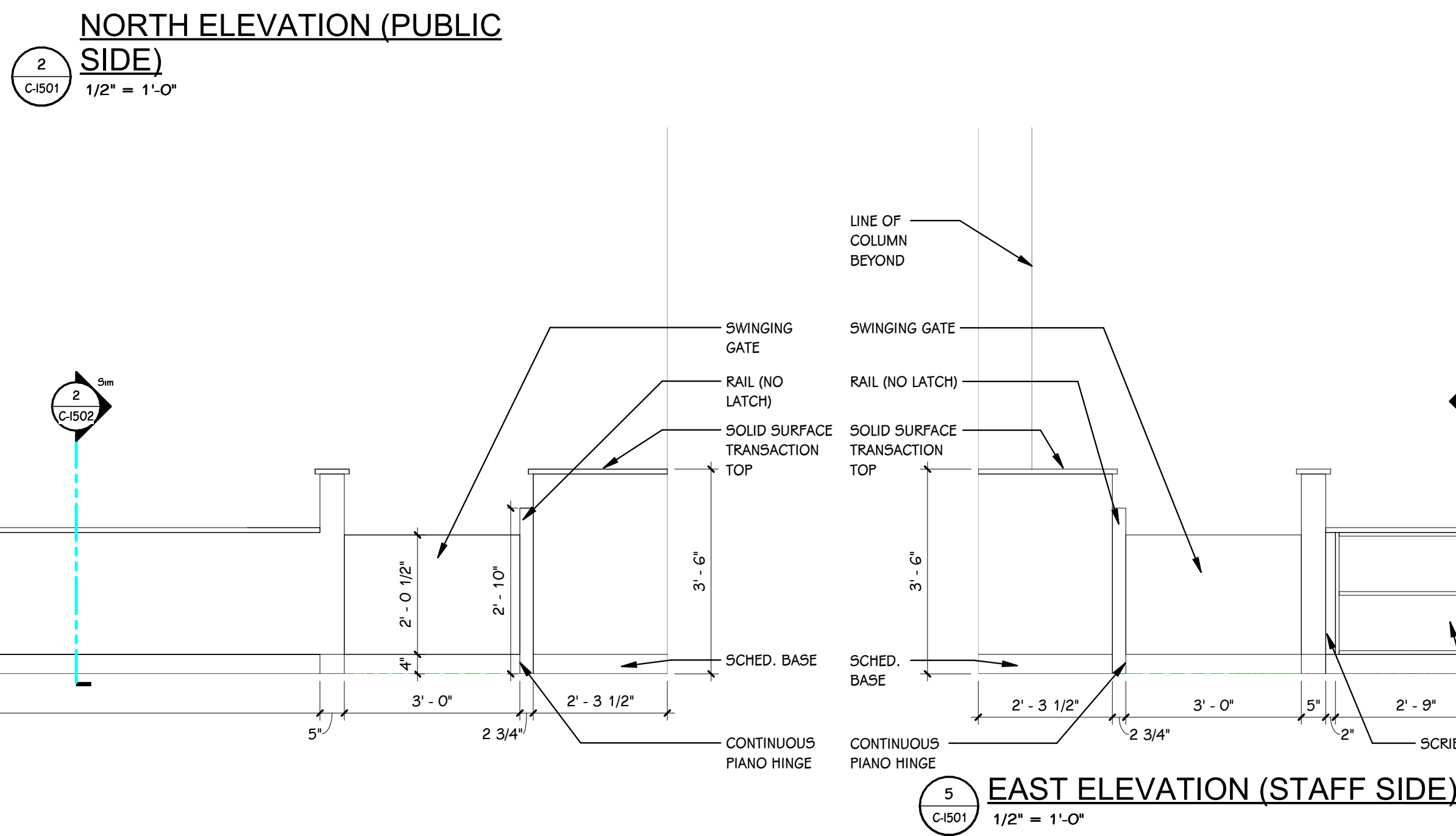
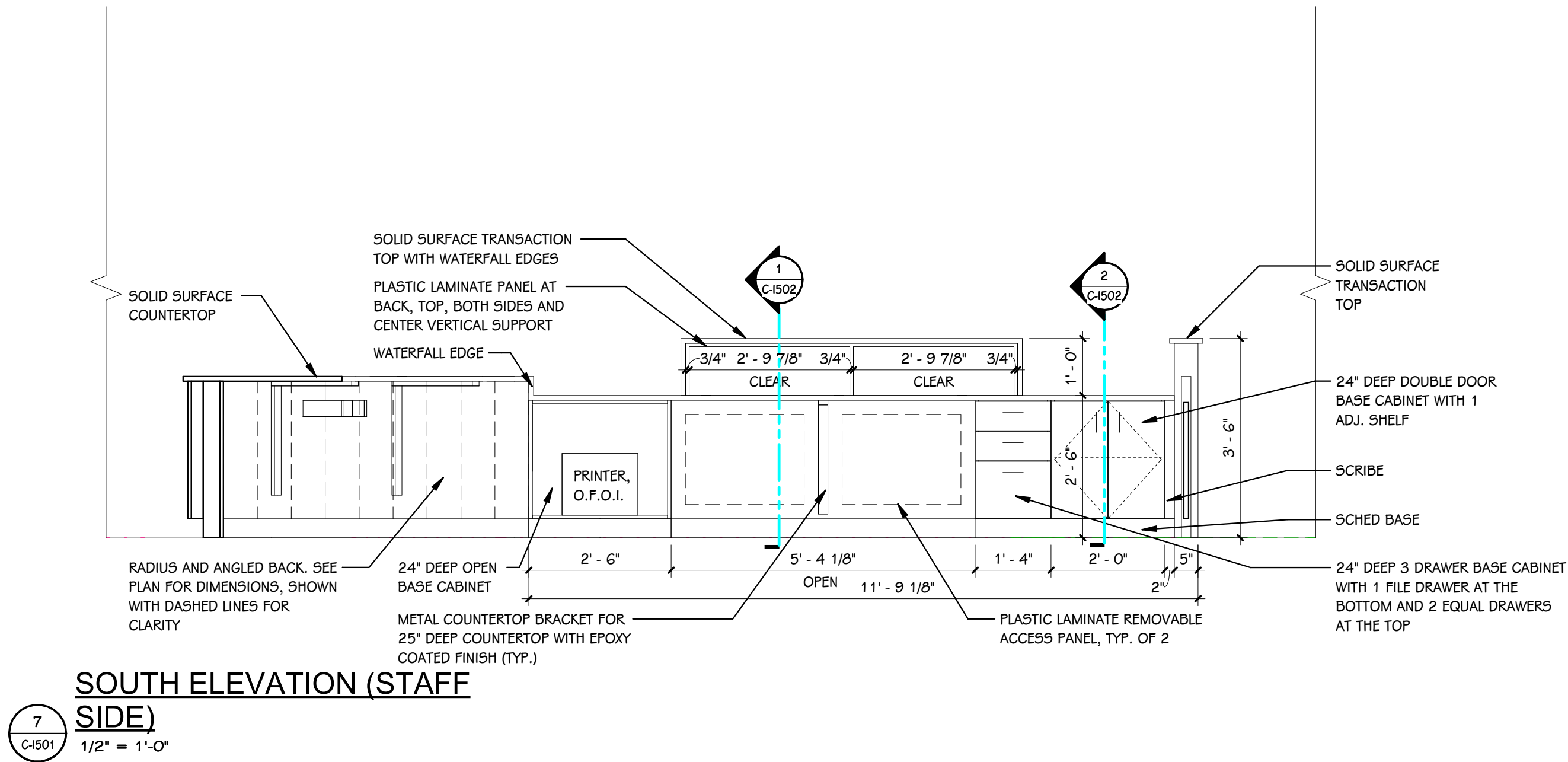
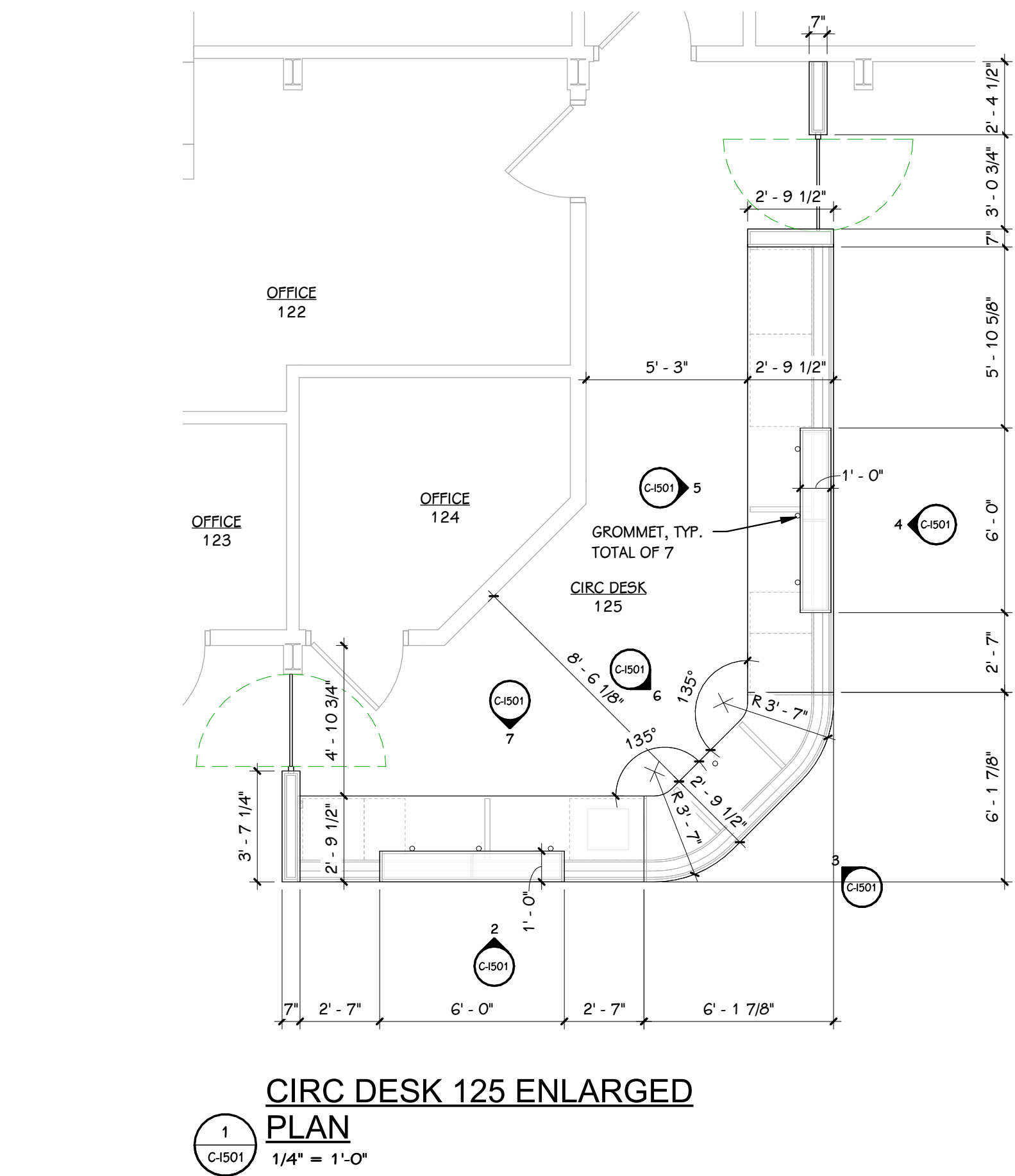
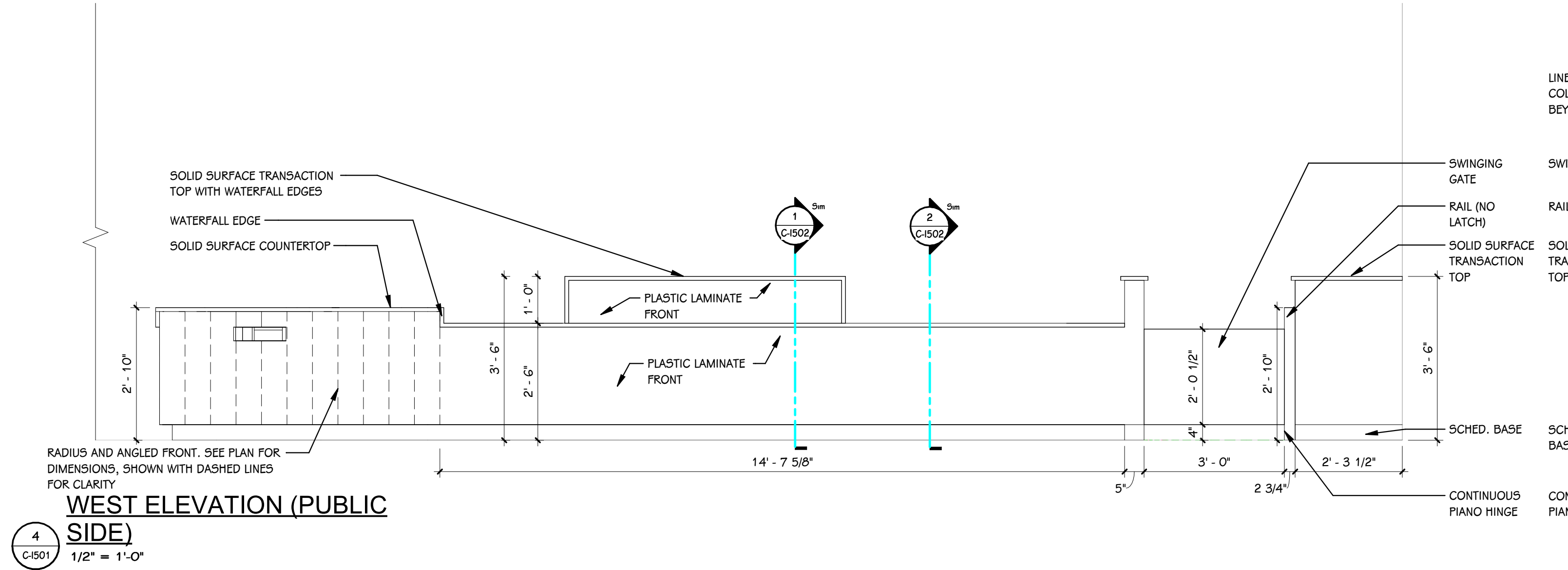
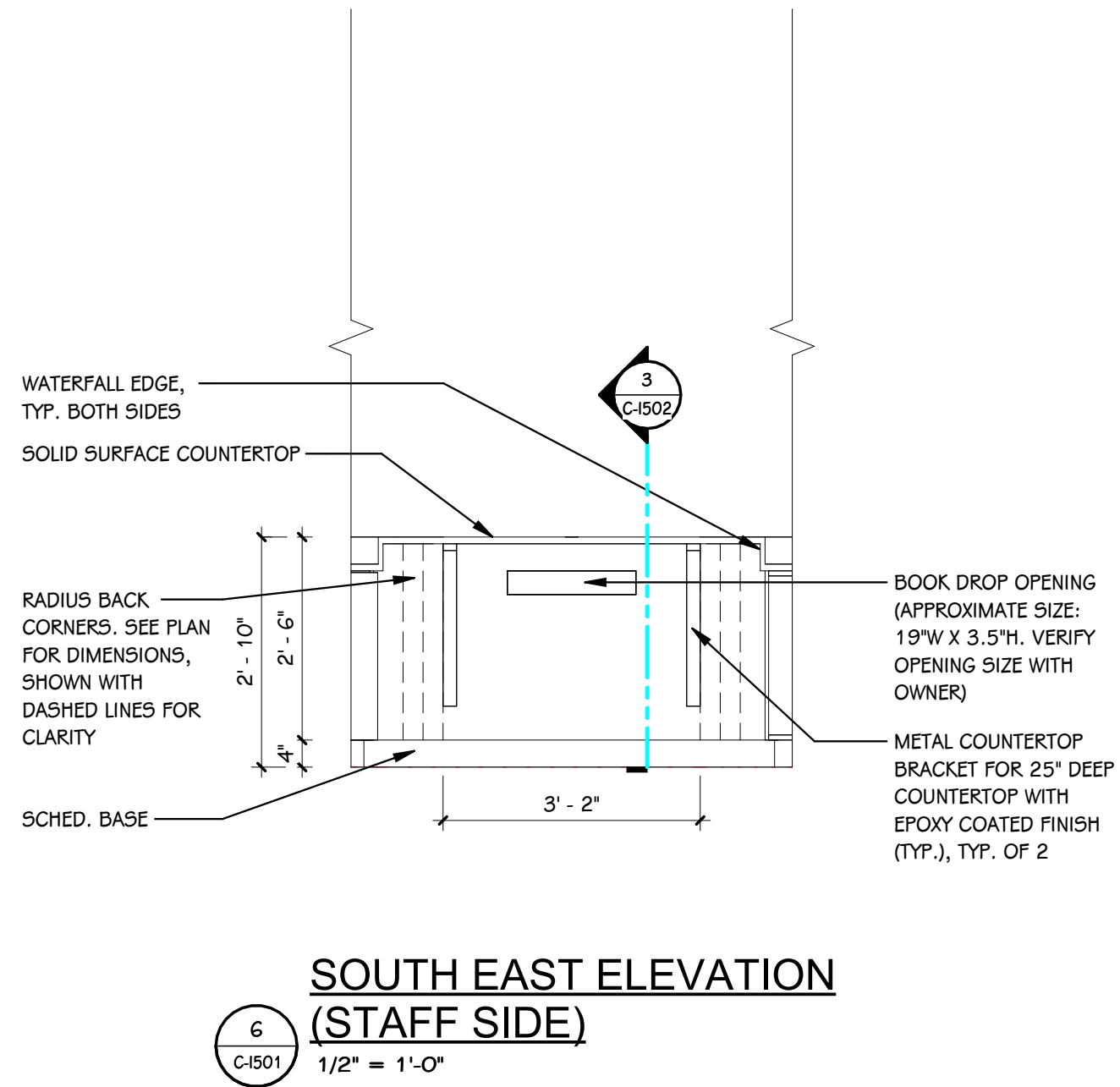
VOLUME 2 -
CLARKSVILLE

DATE
OCTOBER 20, 2025

SHEET NUMBER
C-1401
25-196.000



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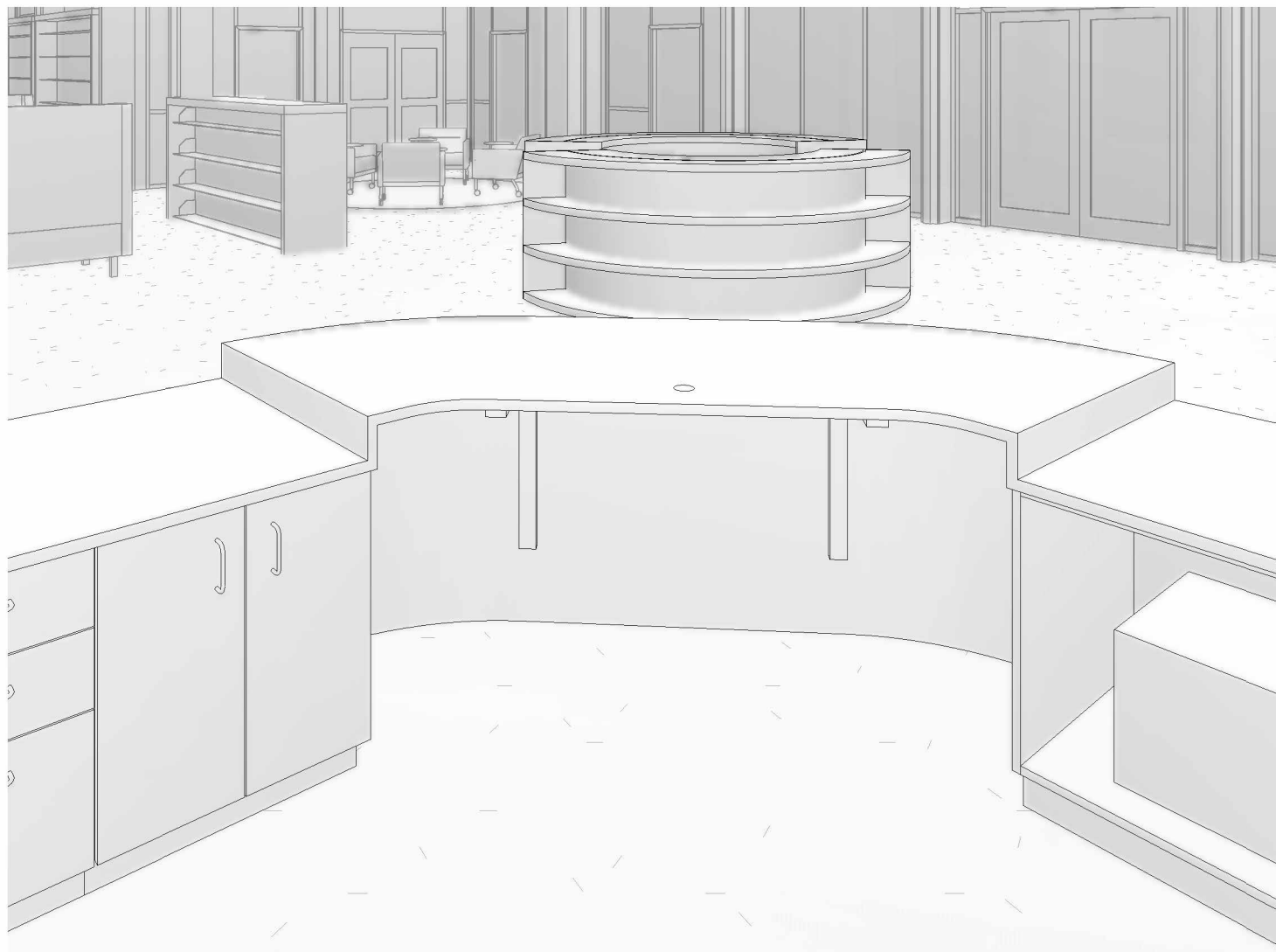


NOTES - MILLWORK	
1	VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO FABRICATION.
2	ALL DIMENSIONS ARE FROM FINISH FACE UNLESS NOTED OTHERWISE.
3	WIREWAYS AND ACCESS PANELS FOR MILLWORK MOUNTED DEVICES AND TECHNOLOGY MUST BE COORDINATED WITH MECHANICAL, ELECTRICAL, TECHNOLOGY, AND SECURITY CONTRACTORS.
4	FILLER PANELS SHALL BE NO LESS THAN 2" WIDE, UNLESS NOTED OTHERWISE.
5	FINISH ANY EXPOSED END PANELS, UNDERSIDE OF CABINETS OR OPEN CABINETS, WITH MATERIAL SPECIFIED FOR FRONTS IN THAT ROOM.
6	ALL VERTICAL AND HORIZONTAL EXPOSED AND SEMI-EXPOSED SURFACES TO BE FINISHED WITH BODY MATERIAL.
7	SUPPORT BRACKETS ARE REQUIRED AT AREAS WHERE COUNTERTOP IS OPEN UNDERNEATH. THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING BRACKETS APPROPRIATELY SIZED AND SPACED BASED ON DEPTH OF COUNTER PER MANUFACTURERS GUIDELINES.
8	LOCKS: ALL CABINETS KEYS ALIKE, PER ROOM. SEE ELEVATIONS FOR LOCK LOCATIONS.
9	GROMMET LOCATIONS SHALL BE VERIFIED IN THE FIELD WITH THE OWNER PRIOR TO INSTALLATION - COORDINATE WITH POWER & DATA LOCATIONS FOR ANY ADDITIONAL WIRE MANAGEMENT REQUIREMENTS.
10	SLABSMITHING WILL BE REQUIRED IN INSTANCES WHERE A PATTERNED QUARTZ, NATURAL STONE, OR SOLID SURFACE IS SPECIFIED.
11	WHERE MILLWORK IS INDICATED TO RECEIVE RESIDENTIAL APPLIANCES, FURNITURE, OR OWNER-FURNISHED EQUIPMENT, COORDINATE WITH FINAL OWNER-PROVIDED SELECTIONS.

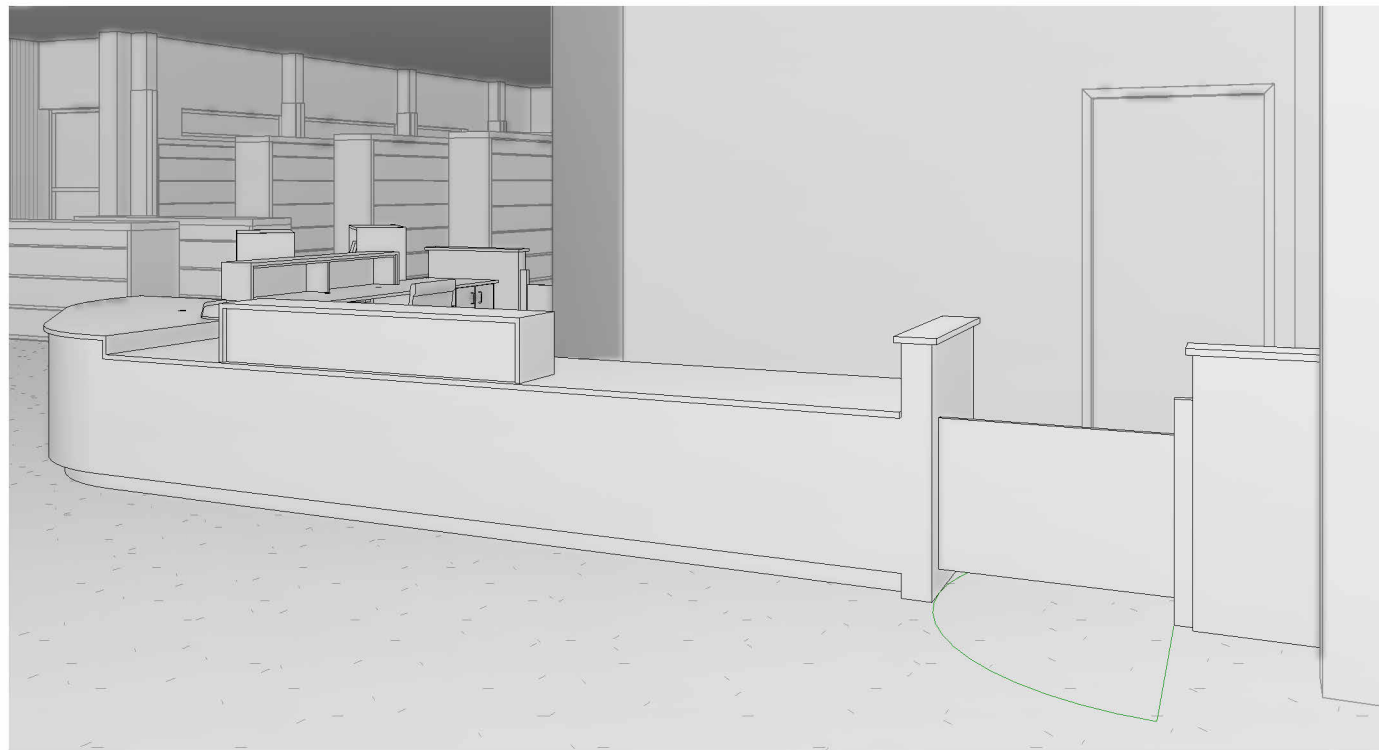
MILLWORK HARDWARE & ACCESSORY SELECTIONS	
1	PULL SELECTION & FINISH: MCKETT #DP128-26M.
2	GROMMETS TYPE & FINISH: MCKETT BRAVA @BRV1, SATIN CHROME FINISH.
3	SUPPORT BRACKET TYPES & FINISH: A AND M HARDWARE HEAVY DUTY HYBRID BRACKETS. SIZED AS REQUIRED. FINISH TO BE SELECTED.
4	FILE RAILS: REV-A-SHELF SUPPORT FOR FILE DRAWER, OR 5M.

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3D VIEW 4 (STAFF SIDE)



3D VIEW 1 (PUBLIC SIDE)



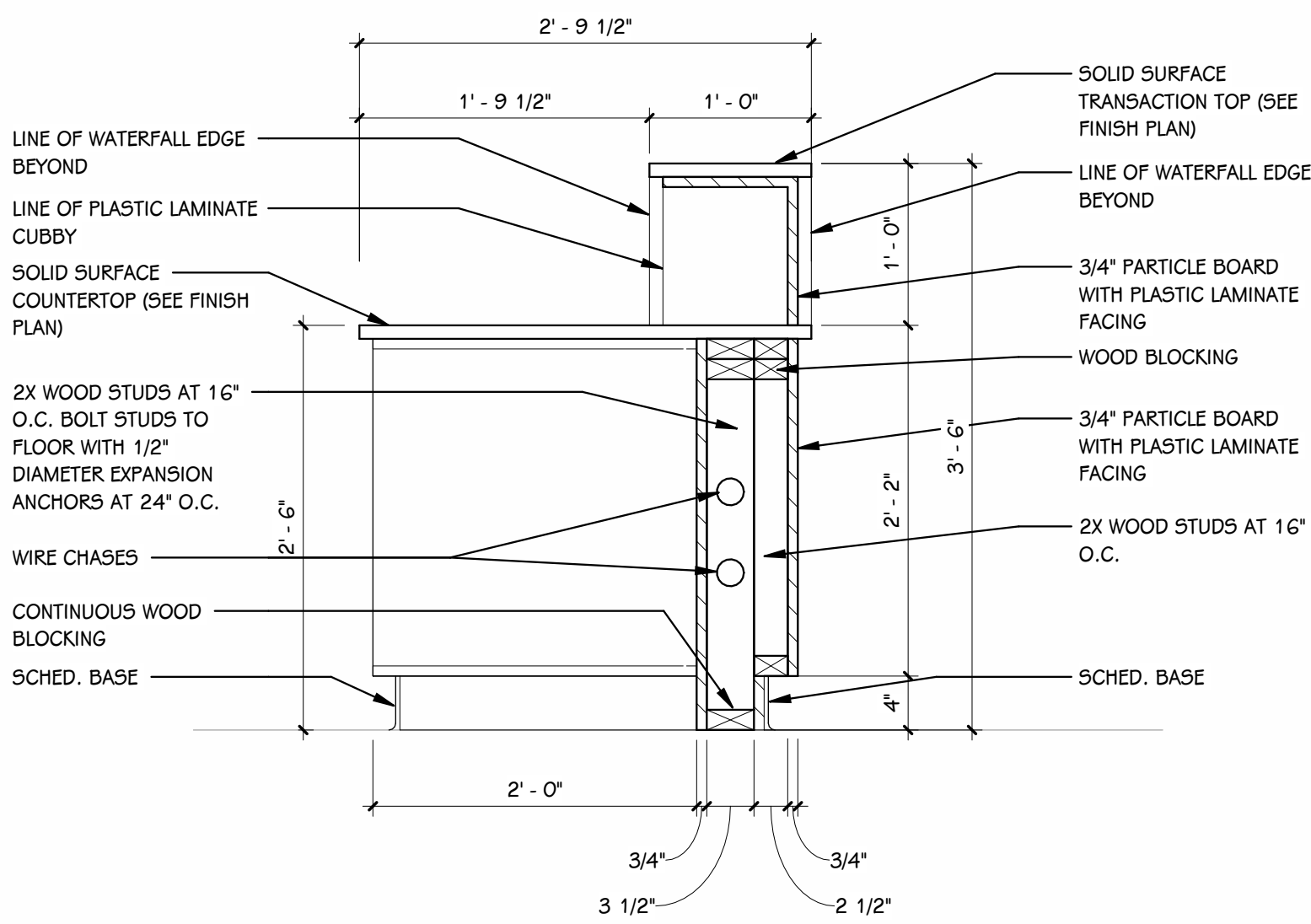
3D VIEW 5 (STAFF SIDE)



3D VIEW 2 (PUBLIC SIDE)

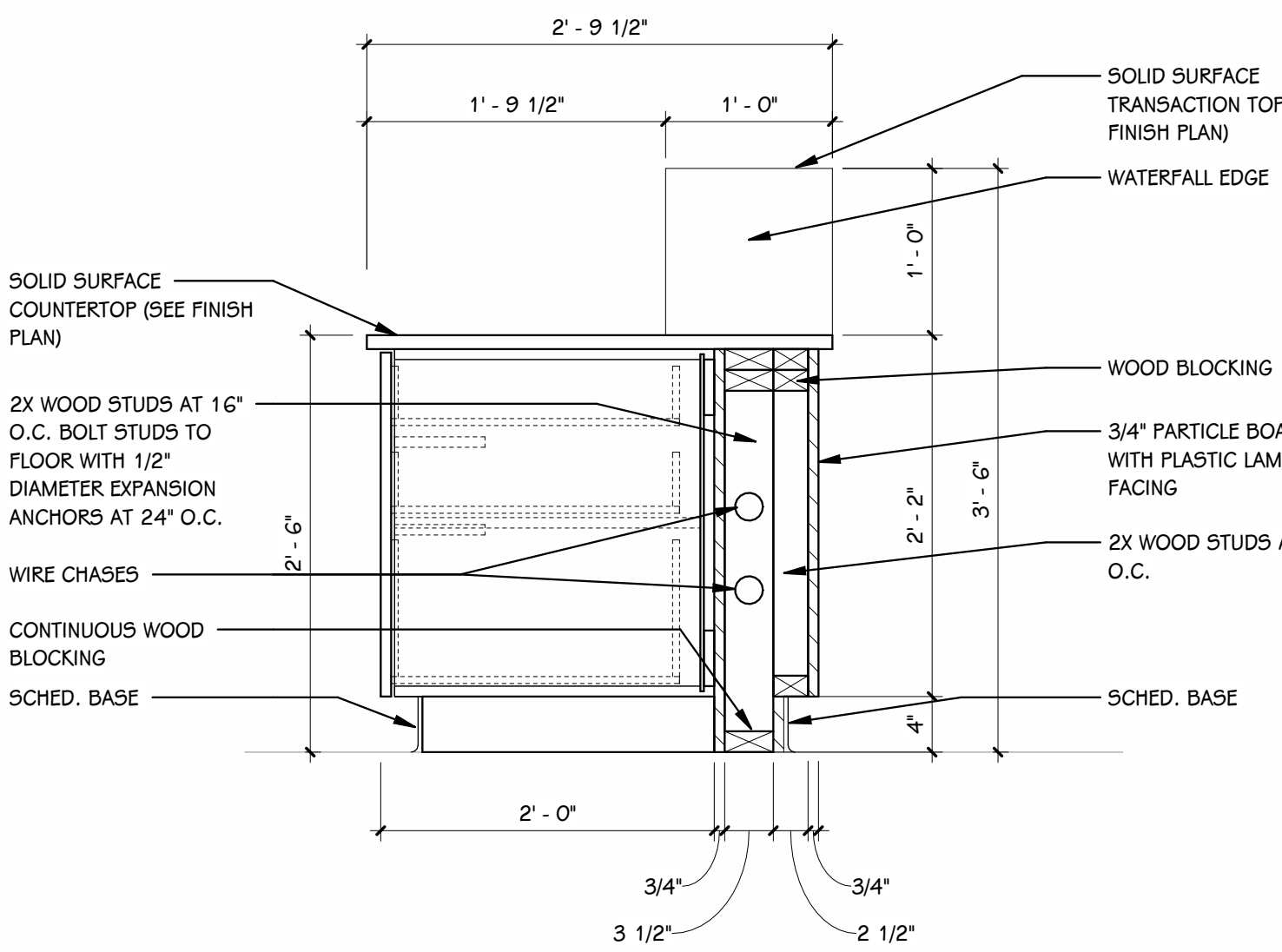


3D VIEW 3 (STAFF SIDE)



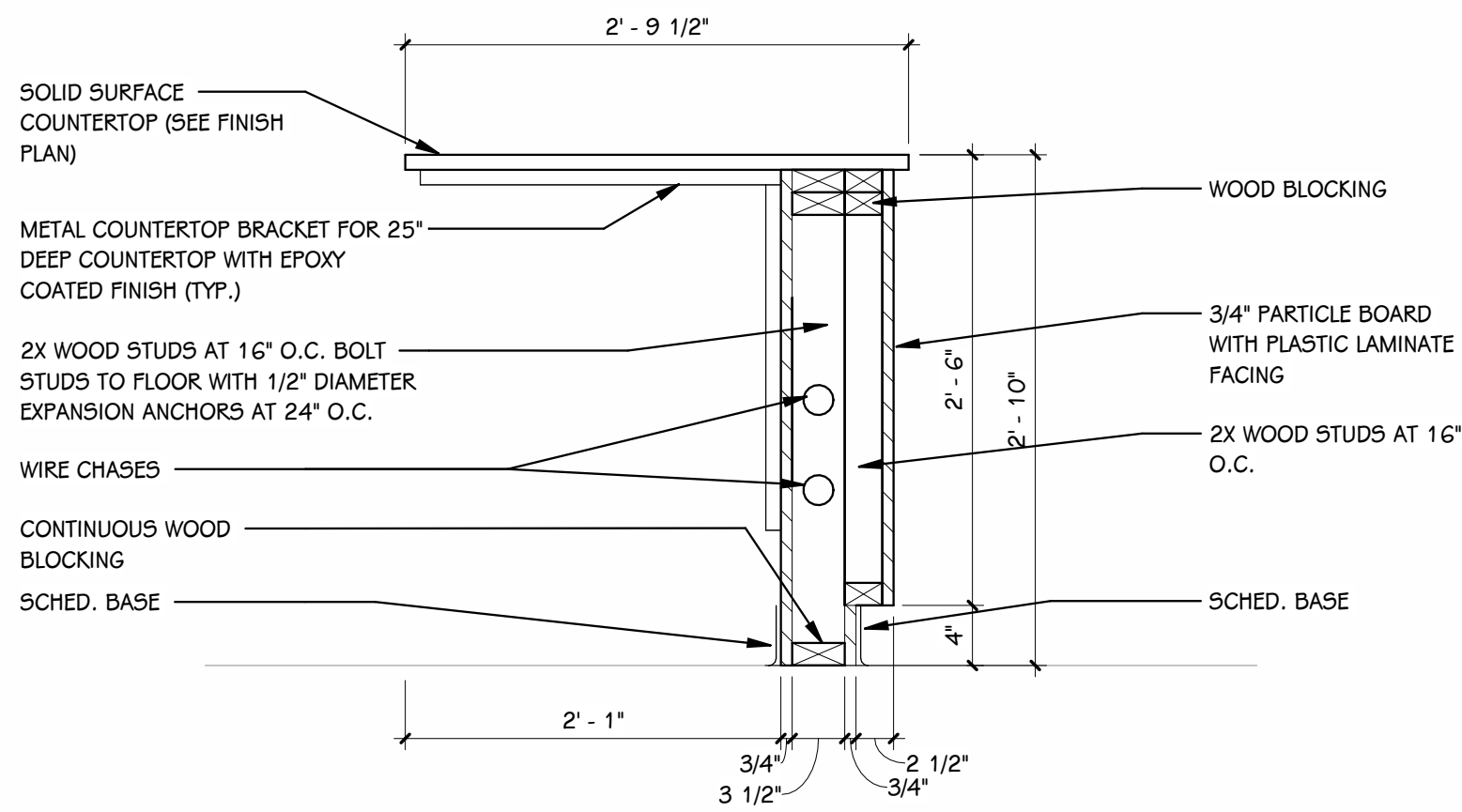
TRANSACTION TOP WITH CUBBY DETAIL

1
C-502
1" = 1'-0"



TRANSACTION TOP WITH STORAGE DETAIL

2
C-503
1" = 1'-0"

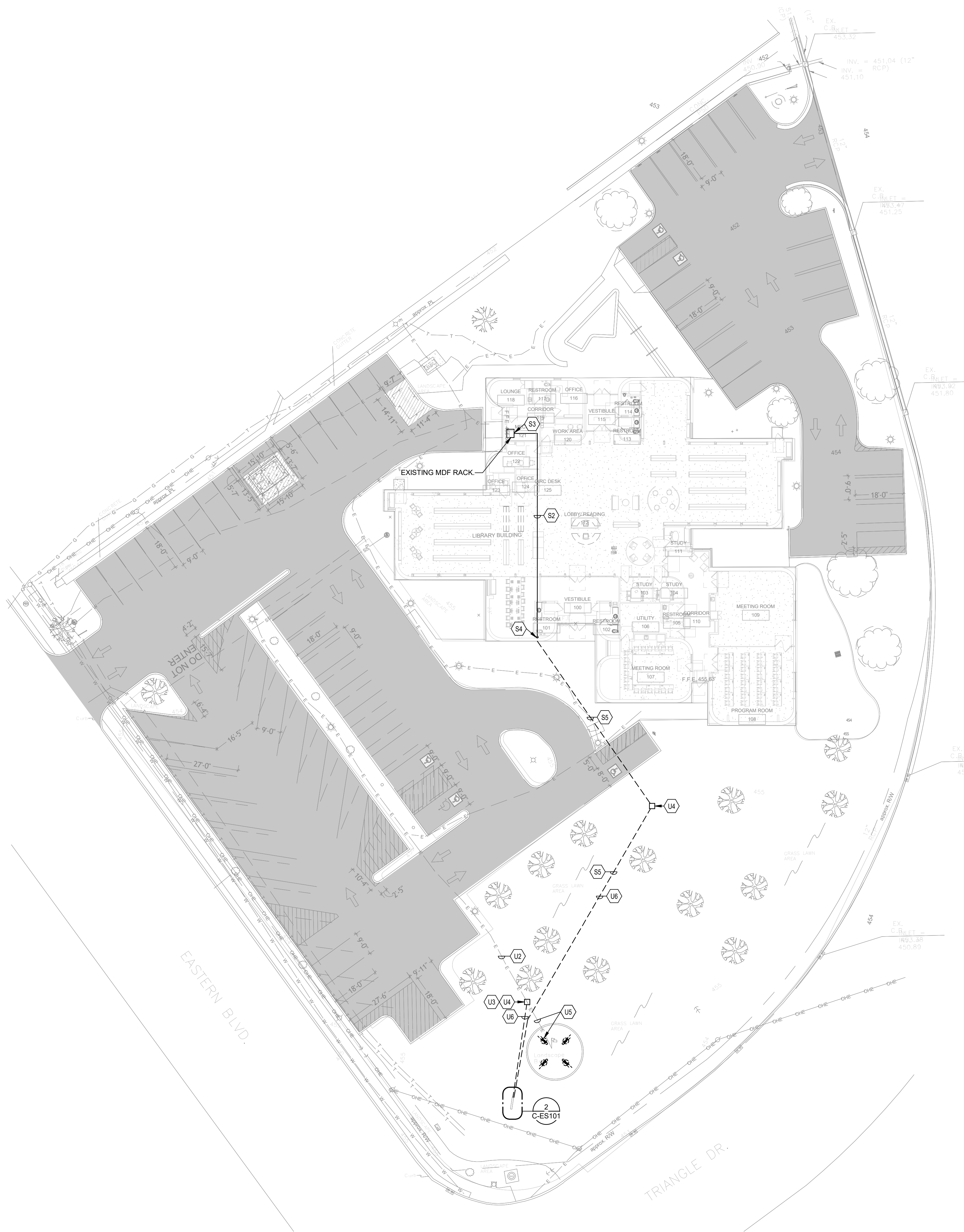


WORKSURFACE COUNTERTOP DETAIL

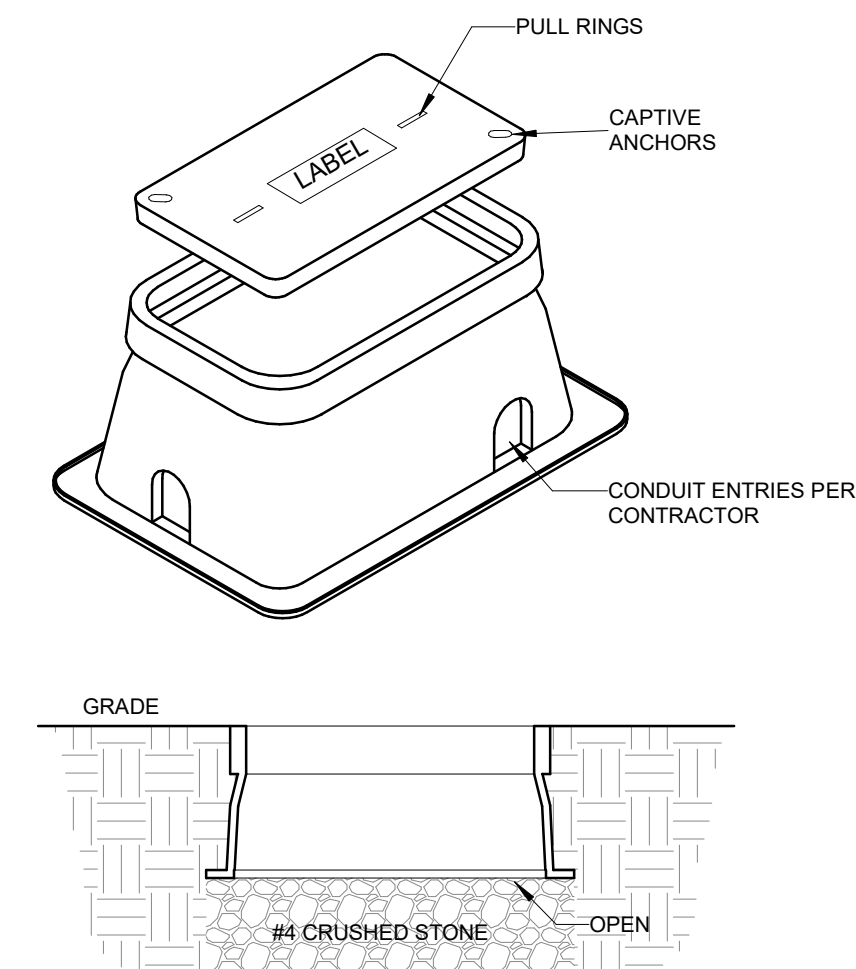
3
C-504
1" = 1'-0"

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8	LOCKS: ALL CABINETS KEYPED ALIKE, PER ROOM. SEE ELEVATIONS FOR LOCK LOCATIONS.
9	GROMMET LOCATIONS SHALL BE VERIFIED IN THE FIELD WITH THE OWNER PRIOR TO INSTALLATION - COORDINATE WITH POWER & DATA LOCATIONS FOR ANY ADDITIONAL WIRE MANAGEMENT REQUIREMENTS.
10	SLABSMITHING WILL BE REQUIRED IN INSTANCES WHERE A PATTERNED QUARTZ, NATURAL STONE, OR SOLID SURFACE IS SPECIFIED.
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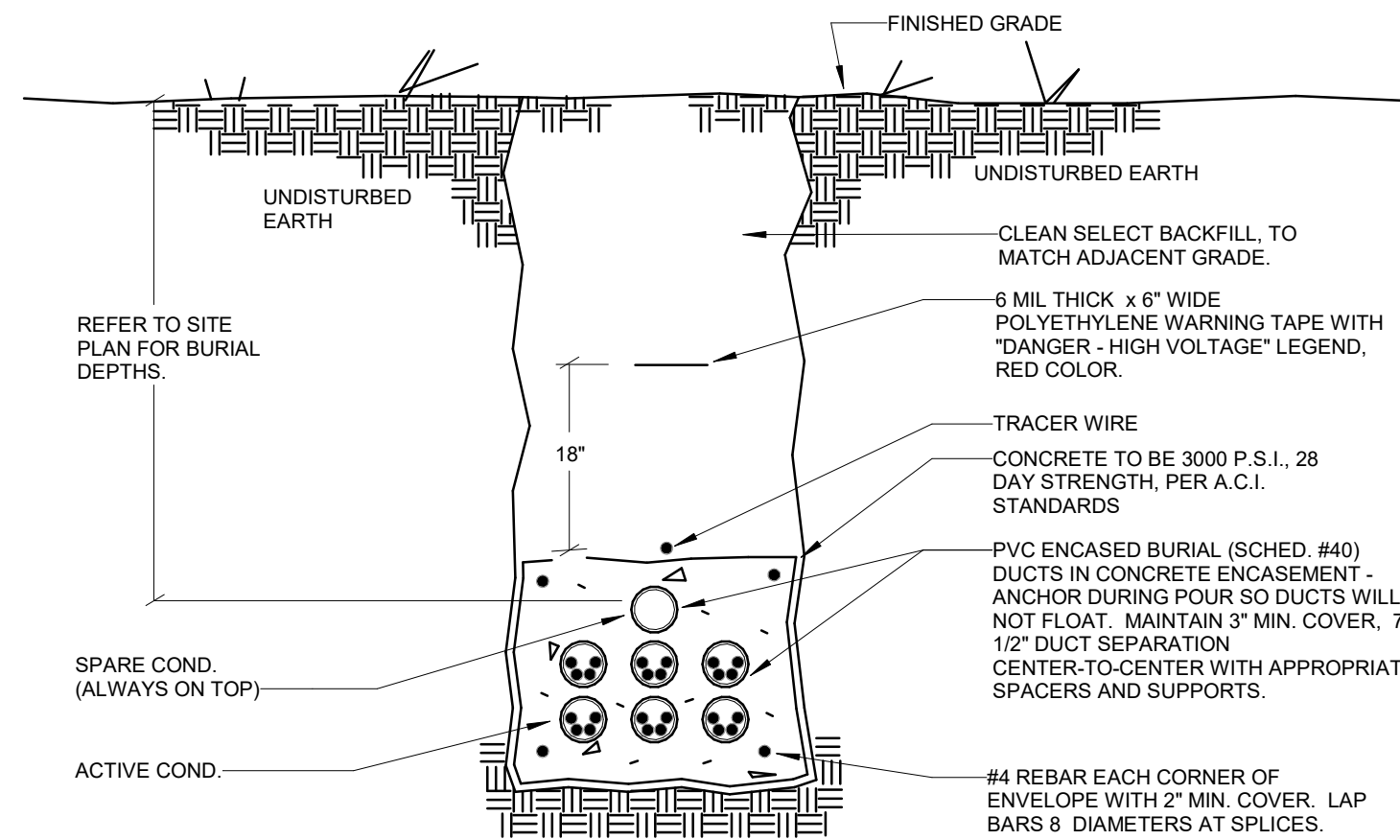


1 SITE PLAN - ELECTRICAL
SCALE: 1" = 20'-0"



- NOTES:
1. BOXES TO BE SIZED PER NEC 314.28 BASED UPON FIELD CONFIGURATION OF CONDUIT ENTRIES. PROVIDE EXTENSIONS WHERE REQUIRED.
 2. BOX AND LID TO BE CONSTRUCTED OF POLYMER CONCRETE. LID TIER RATING PER INSTALLED LOCATION.
 3. REFER TO SPECIFICATIONS FOR RELATED INFORMATION.

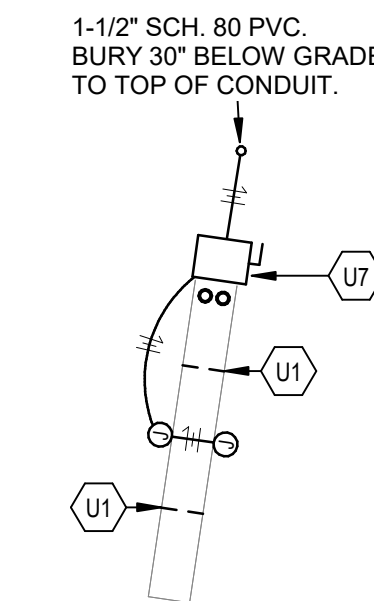
3 PULL BOX DETAIL
NO SCALE



GENERAL NOTES:

- A. USE SWEEPING BENDS AT ALL TURNS AND RIGID STEEL ELLS.
- B. COMMUNICATIONS RACEWAYS SHALL BE RUN IN DUCT BANK ENCASED CONSTRUCTION, CONSTRUCTED SAME AS SHOWN, EXCEPT FOR NUMBER AND SIZE OF CONDUIT.
- C. POUR CONCRETE AGAINST UNDISTURBED EARTH.
- D. REFER TO SPECIFICATION SECTION 280040 FOR EXCAVATION, TRENCHING, BACKFILLING AND GRADING REQUIREMENTS. REFER TO EARTHWORK SPECIFICATIONS FOR GENERAL ROCK REMOVAL AND EARTHWORK REQUIREMENTS.

4 TYPICAL DUCT BANK CONSTRUCTION DETAIL
NO SCALE



ALTERNATE #1B
PROVIDING CELLULAR
DIALER WITH NEW SIGN.

2 ENLARGED SITE PLAN - SITE SIGN - ELECTRICAL
SCALE: 3/8" = 1'-0"

GENERAL NOTES (LIGHTING):

- A. REFER TO THE ARCHITECT'S REFLECTED CEILING PLANS, ELEVATIONS, AND CASEWORK DETAILS FOR EXACT LOCATIONS OF ALL WALL AND CEILING MOUNTED ELECTRICAL DEVICES.
- B. CONTRACTOR SHALL FOLLOW BRANCH CIRCUITING LAY-OUT, AS INDICATED ON THE FLOOR PLANS, WITH A MAXIMUM OF THREE (3) BRANCH CIRCUITS PER HOMERUN. EACH BRANCH CIRCUIT SHALL BE PROVIDED WITH A DEDICATED NEUTRAL CONDUCTOR. DEDICATED NEUTRAL CONDUCTORS SHALL BE CONSIDERED CURRENT CARRYING. IF ADDITIONAL CONDUCTORS ARE RUN IN THE SAME CONDUIT WITH THOSE INDICATED, CONTRACTOR SHALL DERATE ALL CURRENT CARRYING CONDUCTORS PER N.E.C. #310.15(B)(3), AND UPSIZE CONDUIT AS REQUIRED PER N.E.C. #900.17 AND ANNEX C. MULTIWIRE BRANCH CIRCUITS AS DEFINED IN N.E.C. #100.210.4 (CIRCUITS SHARING A COMMON NEUTRAL CONDUCTOR) SHALL NOT BE PERMITTED.
- C. IDENTIFY THE PANEL AND CIRCUIT NUMBER FOR ALL RECEPTACLES, SWITCHES, ETC. IN AREA OF CONSTRUCTION. PROVIDE CLEAR ADHESIVE LABELS WITH BLACK LETTERING.
- D. ALL LIGHTING FIXTURE LENSES, PARABOLIC LOUVERS, DOWNLIGHTING ALZAK CONES AND "PARACUBE" LOUVERS SHALL BE HANDLED WITH COTTON GLOVES DURING INSTALLATION AND LAMPING TO AVOID FINGERPRINTS OR DIRT DEPOSITS. IT IS PREFERRED THAT FIXTURES BE SHIPPED AND INSTALLED WITH CLEAR PLASTIC BAGS TO PROTECT LOUVERS. AT CLOSE OF PROJECT, AND AFTER CONSTRUCTION AIR FILTERS ARE CHANGED, REMOVE BAGS. ANY LOUVER OR CONE SHOWING DIRT OR FINGER PRINTS SHALL BE CLEANED WITH SOLVENT RECOMMENDED BY THE MANUFACTURER, OR REPLACED AS NECESSARY IN ORDER TO TURN OVER TO THE OWNER NEW FIXTURES AT OCCUPANCY.

KEYNOTES

- S2 UNDER BASE BID - PROVIDING CELLULAR DIALER WITH NEW SIGHT SIGN.
ALTERNATE #1B - PROPOSED CABLING PATH. COORDINATE ALL PATHS WITH PIPING, DUCTWORK, ETC. (NOTES: STUB-UP CONDUITS SHALL BE ROUTED TO THIS CABLE PATH). PROVIDE NEW 2" "H-HOOK" STYLE RINGS ON 2'-0" CENTERS ALONG REQUIRED CABLING PATH FOR NEW FIBER. REFER TO INSTALLING DETAIL FOR FURTHER REQUIREMENTS (TYPICAL).
- S3 UNDER BASE BID - PROVIDING CELLULAR DIALER WITH NEW SIGHT SIGN.
ALTERNATE #1B - TERMINATE NEW FIBER AT EXISTING DATA RACK.
- S4 UNDER BASE BID - PROVIDING CELLULAR DIALER WITH NEW SIGHT SIGN.
ALTERNATE #1B - ROUTE 4" EMT DOWN WALL AND TRANSITION FROM INSIDE PLANT FIBER TO OUTSIDE PLANT FIBER AT THIS LOCATION. CONTRACTOR TO VERIFY EXACT ROUTING.
- S5 UNDER BASE BID - PROVIDING CELLULAR DIALER WITH NEW SIGHT SIGN.
ALTERNATE #1B - PROVIDE 4" SCHEDULE 80 PVC CONDUIT FOR NEW OUTSIDE PLANT FIBER FROM MDF/MCH ROOM IN LIBRARY TO NEW SITE SIGN. BURY 30" BELOW GRADE TO TOP OF CONDUIT.
- U1 PROVIDE TWO (2) 1-1/2" CONDUIT SLEEVES. ROUTE FROM ONE SIDE OF THE SIGN TO THE OTHER. CONTRACTOR TO COORDINATE EXACT LOCATION WITH OWNER AND ARCHITECT.
- U2 EXISTING UNDERGROUND CONDUIT AND CABLE FEEDING RECEPTACLES AT FLAG POLE.
- U3 INTERCEPT EXISTING UNDERGROUND CONDUIT AND CABLE AT THIS LOCATION. CABLE TO BE EXTENDED TO NEW SITE SIGN.
- U4 PULL BOX. REFER TO DETAIL 3, SHEET C-ES101.
- U5 EXISTING (4) RECEPTACLES TO BE DEMOLISHED. CONDUIT TO BE REMOVED BACK TO NEW PULL BOX. EXISTING CABLE TO BE PULLED BACK TO NEW PULL BOX.
- U6 PROVIDE ONE (1) 1-1/2" SCHEDULE 80 PVC CONDUIT ROUTED FROM PULL BOX TO SITE SIGN. COORDINATE STUB-UP OF 1-1/2" CONDUIT AT SIGN WITH APPROVED SIGN DRAWINGS PRIOR TO INSTALLATION. MINIMUM OF 42" TO TOP OF CONDUIT.
- U7 PROVIDE 30 A, 2-POLE, NON-FUSED DISCONNECT IN NEMA 3R ENCLOSURE.

1

FLOOR PLAN - ELECTRICAL - DEMOLITION

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

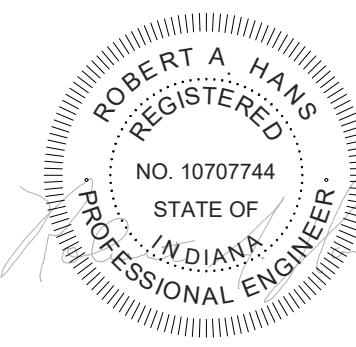


GENERAL NOTES (DEMOLITION):

- A. DOTTED LINES INDICATE ITEMS FOR REMOVAL (UON) AND GRAY SOLID LINES INDICATE EXISTING ITEMS TO REMAIN.
- B. DEVICES INDICATED WITH AN "R" SHALL BE RELOCATED, REMOVE, PROTECT, AND REINSTALL IN NEW LOCATION INDICATED ON NEW WORK PLANS. INTERCEPT AND EXTEND ALL EXISTING CABLING TO NEW LOCATION. CLEAN AND RE-LAMP RELOCATED LUMINAIRES.
- C. THE CONTRACTOR SHALL MAINTAIN THE CONTINUITY OF EXISTING CIRCUITS THAT CONTAIN DEVICES OR EQUIPMENT THAT ARE TO REMAIN. WHEN DEMOLITION OF AN ELECTRICAL DEVICE (OR CIRCUIT) IS INDICATED ON THE DRAWINGS, THE CONTRACTOR SHALL ENSURE THAT OTHER DEVICES OR EQUIPMENT "UPSTREAM" OR "DOWNSTREAM" ON THE CIRCUITS SHALL REMAIN IN "PRE-DEMOLITION" WORKING ORDER. "LEFT-OVER" CIRCUIT BREAKERS SHALL REMAIN, BE SWITCHED TO OFF POSITION, AND BE LABELED AS SPARES IN THEIR PANELS. PROVIDE NEW TYPEWRITTEN DIRECTORIES FOR ALL PANELS AFFECTED.
- D. LOCATIONS OF DEVICES, CONNECTIONS, ETC., INDICATED ON THIS DRAWING WERE TAKEN FROM VARIOUS SOURCES. THEY ARE DIAGRAMMATIC ONLY AND ARE SUBJECT TO VARIATION FROM EXISTING CONDITIONS. CERTAIN EXISTING ELEMENTS MAY NOT BE INDICATED AT ALL. THE CONTRACTOR PROPOSING TO DO ANY PART OF THE WORK INDICATED HEREON SHALL VISIT THIS SITE AND DETERMINE TO HIS SATISFACTION THAT THEY MAY COMPLETE ALL WORK REQUIRED FOR THE BID WHICH HE PROPOSES.
- E. REMOVE ALL ASSOCIATED BACKBOXES, CONDUIT AND CONDUCTORS FOR DEVICES / FIXTURES / ETC. BEING REMOVED (BACK TO SOURCE). WHETHER INDICATED OR NOT (UON), CONTRACTOR SHALL PATCH AND REPAIR ANY EXISTING WALLS, FLOORS OR CEILINGS WHERE DEVICES ARE SHOWN TO BE REMOVED. PATCH AND REPAIR TO RECEIVE NEW FINISHES - SEE ARCHITECTURAL PLANS).
- F. COORDINATE DISPOSAL OF ALL FIXTURES, DEVICES, ETC. (INDICATED FOR DEMOLITION) WITH OWNER. TURN OVER ITEMS REMOVED TO OWNER AT THEIR OPTION.
- G. COORDINATE WITH OTHER TRADES FOR THE REMOVAL AND/OR RELOCATION OF ELECTRICAL DEVICES AND CONNECTIONS ASSOCIATED WITH THEIR EQUIPMENT.
- H. PROVIDE TEMPORARY EMERGENCY EXIT LIGHTS AT CONSTRUCTION BARRIERS AS REQUIRED.
- I. CONTRACTOR SHALL PATCH AND REPAIR ALL EXISTING WALLS / CEILINGS AS REQUIRED WHERE DEVICES ARE BEING REMOVED OR INSTALLED.
- J. UNUSED/ABANDONED CONDUCTORS DISCOVERED ABOVE ACCESSIBLE CEILINGS SHALL BE REMOVED IN ACCORDANCE WITH NEC REQUIREMENTS.
- K. EXISTING ELECTRICAL SYSTEMS IN CONFLICT WITH CONSTRUCTION SHALL BE RELOCATED TO PERMIT INSTALLATION OF DEVICES AND EQUIPMENT SHOWN ON PLANS.
- L. CONTRACTOR SHALL SEAL ALL EXISTING AND NEW PENETRATIONS OF BUILDING ENVELOPE (EXTERIOR WALLS, ROOF, ETC.) WATER-TIGHT AND AS APPROVED BY ARCHITECT AND ENGINEER. ROOFING SHALL BE RESTORED BY A LICENSED ROOFING CONTRACTOR BASED ON WRITTEN INSTRUCTIONS AND DETAILS FROM ROOFING MANUFACTURER AS REQUIRED TO MAINTAIN ROOF WARRANTY. REFER TO ARCHITECTURAL AND ENGINEERING PLANS AND SPECIFICATIONS FOR FURTHER REQUIREMENTS.
- M. ALL EXISTING PANELS AFFECTED BY THIS CONTRACTOR'S WORK SHALL BE PROVIDED WITH NEW TYPEWRITTEN PANEL DIRECTORIES AND INSERT SLEEVES. PANEL DIRECTORIES SHALL NOT USE ROOM NAMES OR NUMBERS FROM THESE DRAWINGS. DIRECTORIES SHALL BE DETAILED AND COORDINATED WITH OWNER'S SUITE NUMBERS, FINAL ROOM NUMBERS, IT RACK NAMES, WORKSTATION DESIGNATIONS, ETC. UNUSED BREAKERS SHALL BE IN OFF POSITION.

KEYNOTES

- D1 EXISTING FLOORBOX TO BE REMOVED. CONCRETE AROUND FLOORBOX TO BE CUT SO THAT EXISTING FLOORBOX CAN BE REMOVED AND ALLOW ROOM FOR NEW FLOORBOX TO BE PLACED.
- D2 EXISTING FLOOR BOX TO BE DEMOLISHED. ALL CABLES TO BE REMOVED BACK TO SOURCE AND CONDUIT ABANDONED BELOW SLAB. CONCRETE TO BE PATCHED.
- D3 EXISTING CONDUITS TO BE CUT BELOW SLAB. ALL CABLES TO BE REMOVED BACK TO SOURCE. CONCRETE TO BE PATCHED.



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SHEET TITLE

FLOOR PLAN - ELECTRICAL DEMOLITION

OWNER

JEFFERSONVILLE TOWNSHIP PUBLIC LIBRARY

PROJECT TITLE

2025 JEFFERSONVILLE + CLARKSVILLE LIBRARY IMPROVEMENTS

ISSUED FOR

SHEET NUMBER

C-ED101

25-196.000

DATE

OCTOBER 21, 2025

1312 EASTERN BLVD.
CLARKSVILLE, IN 47129

DATE

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GENERAL NOTES (LEGEND):

1. ADDITIONAL ELECTRICAL REQUIREMENTS MAY BE SHOWN ON PLANS FROM OTHER DISCIPLINES IN THIS SET. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW ALL PLANS AND SPECIFICATIONS FOR A COMPLETE UNDERSTANDING OF THE PROJECT REQUIREMENTS.
2. WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF ALL LOCAL, STATE, AND NATIONAL CODES, INCLUDING BUT NOT LIMITED TO NFPA 70 (NEC), NFPA 72, INTERNATIONAL BUILDING CODES, ETC.
3. CONTRACTOR SHALL FOLLOW SEISMIC RESTRAINT AND DESIGN REQUIREMENTS CONTAINED IN LATEST ADOPTED STATE AND INTERNATIONAL BUILDING CODES, WITH ALL AMENDMENTS AS ADOPTED BY THE CURRENT LEGISLATION. REFER TO ELECTRICAL AND STRUCTURAL SPECIFICATIONS FOR ADDITIONAL INFORMATION.
4. ALL OFFSETS, TURNS, FITTINGS, TRIM, DETAIL, ETC. MAY NOT BE INDICATED, BUT SHALL BE PROVIDED AS REQUIRED. ADDITIONAL ALLOWANCES SHALL BE INCLUDED FOR SAME AT EACH PROPOSER'S DISCRETION.
5. INSTALL NO PIPING, CONDUIT, DUCTWORK, ETC. IN A LOCATION OR IN A MANNER WHICH WILL ALLOW FREEZING OR THE COLLECTION OF CONDENSATION THEREON. IF IN DOUBT, CONTACT THE ENGINEER.
6. ADVISE THE ENGINEER OF ANY CONFLICTS, ERRORS, OMISSIONS, ETC. AT LEAST TEN DAYS PRIOR TO BID DATE. TO ALLOW CLARIFICATION BY WRITTEN ADDENDUM.
7. WHERE CONFLICTS ARE FOUND BETWEEN DRAWINGS, DETAILS, OR SPECIFICATIONS, THE MORE STRINGENT REQUIREMENT SHALL APPLY. NOTIFY ARCHITECT OF DISCREPANCY IN WRITING.
8. DEVIATION FROM SPECIFICATIONS OR PLANS REQUIRES PRIOR WRITTEN APPROVAL FROM THE ENGINEERS AND MUST BE SUBMITTED IN WRITING NO LATER THAN TEN DAYS PRIOR TO THE BID DATE.
9. OBSERVE ALL APPLICABLE CODES, RULES AND REGULATIONS THAT MAY APPLY TO THE WORK UNDER THIS CONTRACT. (CITY, COUNTY, LOCAL, STATE, FEDERAL, MUNICIPALITY, UTILITY COMPANY, OSHA, ETC.).
10. MOUNTING HEIGHTS FOR WALL MOUNTED DEVICES INDICATED ABOVE FINISHED FLOOR ARE TO CENTER OF DEVICE UNO. MOUNTING HEIGHTS TO CEILING SUSPENDED DEVICES ARE TO BOTTOM OF DEVICE UNO.
11. INSTALL EQUIPMENT, MATERIALS, ETC. IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND DIRECTIONS. IF IN CONFLICT WITH THE DESIGN INDICATED IN CONTRACT DOCUMENTS, ADVISE THE ENGINEER PRIOR TO INSTALLATION FOR CLARIFICATION.
12. DO NOT RECESS PANELBOARD TUBS OR OTHER FLUSH-MOUNTED EQUIPMENT IN WALLS THAT HAVE A FIRE RATING. NO INSTALLATION SHALL DIMINISH OR VOID FIRE RESISTIVE RATINGS IN ANYWAY.
13. THE PURPOSE AND INTENT OF ALL OF THE DOCUMENTS PERTAINING TO THIS PROJECT IS TO PROVIDE A COMPLETE, FUNCTIONAL, SAFE, LIKE-NEW FACILITY. ANYTHING LESS SHALL BE UNACCEPTABLE.
14. ALL SYSTEMS, EQUIPMENT AND MATERIALS ARE TO BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER. WORK NOT MEETING THIS CRITERION SHALL BE REMOVED AND REINSTALLED SATISFACTORILY. FINAL DETERMINATION OF THE ACCEPTABILITY OF THE QUALITY OF WORK RESIDES WITH THE ENGINEER.
15. ALL WORK, MATERIALS, EQUIPMENT, ETC. SHALL BE FULLY GUARANTEED FOR ONE FULL CALENDAR YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION AS DOCUMENTED BY THE ENGINEER, UNLESS LONGER WARRANTY PERIODS FOR EQUIPMENT ARE SPECIFIED.
16. UNLESS OTHERWISE SPECIFIED OR INDICATED, ALL EQUIPMENT AND/OR MATERIALS WITHIN OCCUPIED SPACES OR EXPOSED TO VIEW ON THE BUILDING EXTERIOR SHALL BE PRIMED AND FINISHED SO AS TO COMPLEMENT ADJACENT SURFACE, UNLESS OTHERWISE NOTED. COORDINATE WORK AND COLORS WITH ARCHITECT.
17. WHERE PENETRATING ROOFING MEMBRANE OR OTHER MATERIALS USED FOR WEATHERPROOFING THE BUILDING, MAKE SUCH PENETRATION IN A WAY THAT WILL NOT VOID OR DIMINISH THE ROOFING WARRANTY OR INTEGRITY IN ANYWAY. COORDINATE ALL SUCH PENETRATIONS WITH THE ROOFING MANUFACTURER AND ARCHITECT.
18. COORDINATE WITH ARCHITECTURAL FLOOR PLANS, ELEVATIONS AND CASEWORK DETAILS FOR LOCATION OF ADDITIONAL RECEPTACLES, UTILITY OUTLETS, ELECTRICAL DEVICES, ETC.
19. CEILING-MOUNTED ELECTRICAL DEVICES SHALL BE CENTERED IN 2X2' CEILING TILE AND INSTALLED CENTERED ON 2" DIMENSION OF 2X4" TILE AND ON CENTERLINE OR A QUARTER POINT OF 4" DIMENSION.
20. ANY VIBRATING, OSCILLATING OR OTHER NOISE OR MOTION PRODUCING EQUIPMENT SHALL BE ISOLATED FROM SURROUNDING SYSTEMS IN AN APPROVED MANNER. NOISE OR STRUCTURALLY DAMAGING INSTALLATIONS SHALL BE SATISFACTORILY REPLACED OR REPAIRED AT THE INSTALLING CONTRACTORS' EXPENSE. THE FINAL DECISION ON THE SUITABILITY OF A PARTICULAR INSTALLATION'S ACCEPTABILITY SHALL BE THAT OF THE ENGINEER.
21. CHECK ALL THREE PHASE MOTORS WITH A PHASE ROTATION METER PRIOR TO PLACING IN SERVICE.
22. PROVIDE DETAILED SHOP DRAWINGS TO ENGINEER PRIOR TO PURCHASING OR INSTALLING ANY EQUIPMENT.
23. DEVIATIONS IN SIZES, CAPACITIES, FIT, FINISH, ETC. FOR EQUIPMENT FROM THAT PRIME SPECIFIED SHALL BE THE RESPONSIBILITY OF THE PURCHASER OF THAT EQUIPMENT. ANY PROVISIONS REQUIRED TO ACCOMMODATE A DEVIATION, WHETHER APPROVED BY THE ENGINEER OR NOT, SHALL BE THE RESPONSIBILITY OF THE PURCHASER.
24. THE CONSTRUCTION MANAGER, GENERAL CONTRACTOR, OR WHOMEVER HOLDS THE PRIME CONTRACT(S) FOR THIS CONSTRUCTION IS RESPONSIBLE FOR THE COORDINATION, APPEARANCE, SCHEDULING AND TIMELINESS OF THE WORK OF ALL TRADES, CONTRACTORS, SUPPLIERS, INSTALLERS, ETC. POOR OR UNTIMELY WORK ON THE PART OF ANY TRADE SHALL BE THE RESPONSIBILITY OF THAT TRADE.
25. WHERE MOUNTING HEIGHTS ARE NOT INDICATED OR ARE IN CONFLICT WITH ANY OTHER BUILDING SYSTEM, CONTACT THE ENGINEER BEFORE AFFECTING INSTALLATION. REFER ALSO TO ARCHITECTURAL INTERIOR AND EXTERIOR ELEVATIONS, CEILING HEIGHTS AND OTHER DETAILS OF THESE DOCUMENTS, AS APPLICABLE.
26. WHERE FIRE-RATED CEILING ASSEMBLIES ARE NOTED, PROVIDE UL-LISTED FIRE-RATED GYPSUM BOARD OR PRE-MANUFACTURED ENCLOSURES ABOVE LUMINAIRES, CEILING DEVICES, ETC. IN OR ON CEILING, AS REQUIRED TO MAINTAIN CEILING RATINGS.
27. COORDINATE THE LOCATION OF DRAINS, ELECTRICAL OUTLETS, GAS OUTLETS, ETC. WITH ALL CASEWORK, KITCHEN EQUIPMENT, MECHANICAL ROOM EQUIPMENT, ETC. PRIOR TO COMMENCING INSTALLATION. WORK NOT SO COORDINATED SHALL BE REMOVED AND PROPERLY INSTALLED AT THE EXPENSE OF THE RESPONSIBLE CONTRACTOR(S).
28. ALL ELECTRICAL COMPONENTS OR EQUIPMENT SHALL BE LISTED AND LABELED BY UNDERWRITERS LABORATORIES OR OTHER APPROVED LISTING AGENCY. APPROVAL AND LABELING OF INDIVIDUAL COMPONENTS OR AN ASSEMBLY IS NOT ACCEPTABLE AS MEETING THIS REQUIREMENT, UNLESS WAIVED BY THE ENGINEER IN WRITING.
29. ALL WIRING SYSTEMS SHALL BE INSTALLED WITH A MINIMUM OF SPLICES. CONDUCTORS, WHENEVER SINGLE OR MULTI-PAIR, SHALL BE INSTALLED CONTINUOUS INsofar AS POSSIBLE FROM TERMINAL POINT TO TERMINAL POINT.
30. NO CONDUIT, SUPPORTS, ETC. SHALL BE RUN THROUGH ACCESS CLEARANCES OF EQUIPMENT BY OTHER TRADES (I.E. VAV BOXES). COORDINATE WITH ALL TRADES PRIOR TO CONSTRUCTION.
31. ALL CONTRACTORS SHALL EXERCISE EXTREME CARE IN THE COURSE OF THEIR WORK SO AS TO ENSURE THAT THEY DO NOT INTERRUPT ANY EXISTING SERVICE OR SUB-SERVICE FOR SAFETY PURPOSES. PAY PARTICULAR ATTENTION TO THIS PRECAUTION RELATIVE TO NATURAL GAS AND ELECTRICAL LINES. VERIFY THE LOCATION, SIZE, TYPE, ETC. OF EACH UNDERGROUND OR OVERHEAD UTILITY. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL FEDERAL, STATE AND/OR LOCAL RULES, REGULATIONS, STANDARD AND SAFETY REQUIREMENTS. UTILITIES SHALL BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE MUNICIPALITY OR UTILITY COMPANY STANDARDS. IN ALL CASES, THE MOST STRINGENT REQUIREMENT SHALL APPLY.
32. ALL SUPPORTS FOR EQUIPMENT, DEVICES OR FIXTURES SHALL BE UNIQUE, DIRECTLY FROM THE BUILDING STRUCTURE. DO NOT SUPPORT WORK FROM OTHER TRADES EQUIPMENT OR SUPPORTS WITHOUT WRITTEN PERMISSION FROM THE ENGINEER AND CONSENT OF THE OTHER TRADE, IN WRITING.
33. WHERE INTERRUPTING AN EXISTING UTILITY OR SERVICE DELIBERATELY OR ACCIDENTALLY, THE RESPONSIBLE CONTRACTOR SHALL WORK CONTINUOUSLY AS NEEDED TO RESTORE SAME, PROVIDING PREMIUM TIME AS NEEDED.
34. REFER TO ARCHITECTURAL WALL ELEVATIONS (WHERE GIVEN) FOR HEIGHTS AND MOUNTING RELATIONSHIP OF OUTLETS AND EQUIPMENT. IF IN DOUBT, CONTACT ENGINEER FOR DIRECTION PRIOR TO ROUGH IN.
35. FLUSH OR PEDESTAL TYPE FLOOR OUTLET BOXES, AS INDICATED ON PLAN, SHALL BE LOCATED BY DIMENSIONS PROVIDED BY THE ARCHITECT, UNLESS OTHERWISE SHOWN ON PLANS. IF IN DOUBT, CONTACT THE ENGINEER PRIOR TO ROUGHING-IN ANY WORK.
36. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING REQUIRED FOR HIS WORK. ALL CUTTING AND PATCHING SHALL BE IN ACCORDANCE WITH THE ARCHITECT'S STANDARDS FOR SUCH WORK.
37. ALL WORK SHALL BE CONCEALED UNLESS SPECIFICALLY INDICATED TO BE EXPOSED, OR REQUIRED TO BE EXPOSED. IF IN DOUBT, CONTACT THE ENGINEER FOR CLARIFICATIONS PRIOR TO INSTALLING ANY SUCH WORK.
38. WHERE BACKBOXES ARE LOCATED IN THE SAME VERTICAL CHANNEL/STUD SPACE ON OPPOSITE SIDES OF THE SAME WALL, PROVIDE SOUND-INSULATING PUTTY AROUND BOXES AS REQUIRED TO ELIMINATE SOUND TRANSMISSION FROM ROOM TO ROOM.
39. JUNCTION BOXES LOCATED ABOVE ACCESSIBLE CEILINGS SHALL BE LOCATED NO MORE THAN 36" ABOVE CEILING LEVEL. LABEL EACH BOX IN AREA OF WORK WITH A PERMANENT MARKER OR IN ACCORDANCE WITH SPECIFICATIONS, WHICHEVER IS MORE STRINGENT.
40. ALL MATERIALS FURNISHED AND ALL WORK INSTALLED SHALL COMPLY WITH THE CURRENT EDITION OF THE NATIONAL ELECTRICAL CODES, NATIONAL FIRE CODES OF THE NATIONAL FIRE PROTECTION ASSOCIATION, THE REQUIREMENTS OF LOCAL UTILITY COMPANIES, AND WITH THE REQUIREMENTS OF ALL GOVERNMENTAL, AGENCIES OR DEPARTMENTS HAVING JURISDICTION. IF ANY CONFLICTS OR DISCREPANCIES OCCUR THE MOST STRINGENT SHALL APPLY.
41. DO NOT SCALE FROM DRAWINGS, AS PRINTING DISTORTS SCALE. WORK SHALL BE LAID OUT FROM DIMENSIONED DRAWINGS, OR DIMENSIONS SUPPLIED TO THE CONTRACTOR.
42. NOISY WORK, WORK OUTSIDE CONSTRUCTION BARRIERS, WORK IN OCCUPIED AREAS, ETC. SHALL BE PERFORMED AFTER HOURS OR ON WEEKENDS. COORDINATE EXACT SCHEDULING WITH FACILITY PRIOR TO CONSTRUCTION.
43. REFER TO ARCHITECTURAL PLANS FOR PHASING REQUIREMENTS. WORK SHALL BE COMPLETED IN PHASES PER THE PHASING PLAN AND AS COORDINATED WITH OWNER AND GENERAL CONTRACTOR. PROVIDE ALL REQUIRED INCREMENTAL INSPECTIONS, CERTIFICATIONS, ETC. AND ALL TEMPORARY SERVICES AS REQUIRED BY OWNER TO ACCOMPLISH THE PHASING PLAN.
44. UNLESS OTHERWISE SPECIFIED OR INDICATED, INSTALL LIGHT FIXTURES, SMOKE DETECTORS, SPEAKERS AND OTHER CEILING MOUNTED APPURTENANCES IN THE CEILING IN A SYMMETRICAL PATTERN, UNLESS SPECIFICALLY INDICATED OTHERWISE.
45. WHERE EXIT LIGHTS ARE CONNECTED TO EMERGENCY CIRCUITS WITH KEYSWITCH OR CONTACTOR CONTROL, AN UNSWITCHED LINE SHALL BE PULLED IN TO MAINTAIN THEIR OPERATION REGARDLESS OF SWITCH POSITION.
46. LOCATE CABLES AND CHAIR-HUNG INDUSTRIAL FIXTURES IN MECHANICAL ROOMS TO AVOID DUCTWORK AND PIPING, TO MAXIMIZE AVAILABLE LIGHT AND SPACE AROUND EQUIPMENT, AIR HANDLERS, ETC., TO PROVIDE ADEQUATE LIGHTING TO ALL AREAS OF ROOM. PROVIDE ADDITIONAL FIXTURES OF SAME TYPE AS NEEDED TO FULFILL THIS REQUIREMENT. LIGHT FIXTURES SHALL NOT BE MOUNTED BELOW 7'-0" A.F.F.
47. ALL LIGHTING FIXTURE LENSES, DOWNLIGHTING ALZAK CONES AND LOUVERS SHALL BE HANDLED WITH COTTON GLOVES DURING INSTALLATION AND LAMPING TO AVOID FINGERPRINTS OR DIRT DEPOSITS. IT IS PREFERRED THAT FIXTURES BE SHIPPED AND INSTALLED WITH CLEAR PLASTIC BAGS TO PROTECT PRINTS SHALL BE CLEANED WITH SOLVENT RECOMMENDED BY THE MANUFACTURER, OR REPLACED AS NECESSARY IN ORDER TO TURN OVER TO THE OWNER NEW FIXTURES AT OCCUPANCY.
48. REFER TO ARCHITECTURAL DETAILS AS APPLICABLE FOR RECESSED SOFFIT LED FIXTURES. ADJUST FIXTURE LENGTHS BY FIELD MEASUREMENT OF SOFFIT, AS NECESSARY.
49. CONTRACTOR SHALL INSTALL INTERIOR DISCONNECT SWITCHES, MOTOR RATED SWITCHES, STARTERS, ETC. IN A NEMA 1 ENCLOSURE AND IN A NEMA 3R ENCLOSURE FOR EXTERIOR UNITS. ION DEVICES ARE TO BE WITHIN SIGHT OF THE UNIT SERVING. IN A MAINTENANCE ACCESSIBLE LOCATION. COORDINATE ALL SIZES WITH FINAL EQUIPMENT SHOP DRAWING DATA PRIOR TO ROUGH-IN AND/OR START OF WORK.
50. ALL FLOOR SLEEVES SHALL BE SEALED WATER TIGHT.
51. THE CONTRACTOR SHALL PROVIDE AND LOCATE ALL SILL SLEEVES AND INSERTS REQUIRED FOR HIS WORK BEFORE THE FLOORS AND SURFACE BEING PENETRATED ARE BUILT. CORING OF ANY ELEVATED DECK SHALL NOT BE ACCEPTED. ALL METAL DECK PENETRATIONS SHALL BE COORDINATED AND SLEEVED. ANY COSTS INCURRED DUE TO LACK OF COORDINATION SHALL BE BORNE BY THIS CONTRACTOR. WHERE SLEEVES ARE PLACED IN EXTERIOR WALLS OR IN SLABS ON GRADES, THE SPACE BETWEEN THE PIPE OR CONDUIT AND THE SLEEVES SHALL BE MADE COMPLETELY AND PERMANENTLY WATER TIGHT.
52. REFER TO SM AND SMD DESCRIPTIONS. REFER TO DETAILS FOR # OF DATA OUTLETS REQUIRED.
53. ALL HVAC LOW VOLTAGE CABLE TO BE YELLOW PLenum RATED. THIS INCLUDES COMM CABLE AND THERMOSTAT WIRING. ALL ELECTRICAL LOW VOLTAGE LIGHTING CONTROLS, RELAY CONTROLS TO BE PLenum RATED YELLOW CABLE. THIS INCLUDES COMMUNICATION CABLEING FOR ELECTRICAL.

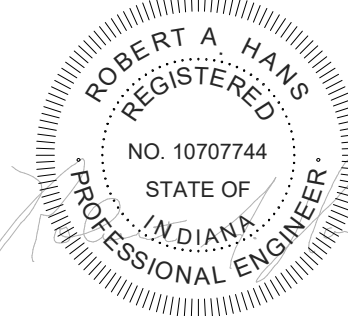
DESCRIPTION	MOUNTING HEIGHT	DRAWING SYMBOL
SWITCHES		
LIGHT SWITCH-GENERAL PURPOSE	48" TO TOP OF BOX	\$
NIGHT LIGHT SWITCH WITH CONSTANTLY ILLUMINATED HANDLE		\$ N
DIMMER SWITCH		\$ D
THREE-WAY SWITCH		\$ 3
FOUR-WAY SWITCH		\$ 4
KEYED SWITCH		\$ K
OCCUPANCY OR VACANCY SENSOR SWITCH		\$ OS \$ VS
PILOT LIGHT SWITCH (ILLUMINATED WHEN LOAD IS ON)		\$ L
ILLUMINATED HANDLE LIGHT SWITCH (ILLUMINATED WHEN LOAD IS OFF)		\$ IL
LOW VOLTAGE MOMENTARY SWITCH		\$ LV
NON-REVERSING MOTOR STARTER SNAP SWITCH	AS NOTED	\$ M
2-POLE NON-REVERSING MOTOR STARTER SNAP SWITCH	AS NOTED	\$ 2M
MOMENTARY CONTACT SWITCH	48" TO TOP OF BOX	\$ MC
HAND-OFF-AUTO 3-POSITION SWITCH	AS NOTED	\$ HOA
LIGHTING CONTACTOR	WALL	LC
POWER OUTLETS		
SIMPLE RECEPTACLE	1'-6"	⊖
DUPLEX RECEPTACLE-SAFETY TYPE, TAMPER-RESISTANT	1'-6"	⊖
SLASH SWITCH-ANY DEVICE INDICATES MOUNTING ABOVE COUNTER TOP 2" ABOVE BACKSPLASH, OR AT 48" WHERE NO COUNTER IS PRESENT, TAMPER-RESISTANT	4'-0"	⊖
FILED CENTER BAR INDICATES INTEGRAL GROUND FAULT PROTECTION (GFCI) SAFETY TYPE, TAMPER-RESISTANT	1'-6"	⊖
DEAD FRONT GFCI DEVICE, LABEL AND INSTALL IN READILY ACCESSIBLE LOCATION	1'-6"	⊖
FILED OUTER BARS INDICATES INTEGRAL, UL85 OUTLETS IN ADDITION TO POWER RECEPTACLES. SAFETY TYPE, TAMPER-RESISTANT	1'-6"	⊖
GANG RECEPTACLE IN COMBINATION WITH SWITCH (PROVIDE OVERSEER'S LIGHTING CIRCUIT IS 277V)	4'-0"	⊖ C/S
DUPLEX RECEPTACLE, CEILING MOUNTED	CLG	⊖
QUADRUPLX RECEPTACLE, SAFETY TYPE, TAMPER-RESISTANT	1'-6"	⊖
JUNCTION BOX, CEILING OR WALL		⊖
VOLTAGE/PH RECEPTACLE, AS NOTED	AS NOTED	⊖
VOLTAGE/PH RECEPTACLE, AS NOTED	1'-6"	⊖
"TOGS-HOUSE" TYPE TWIN DUPLEX RECEPTACLE WITH ONE DUPLEX RECEPTACLE ON BOTH SIDES	ON CNTR	⊖
SS INDICATES SURGE SUPPRESSION TYPE OUTLET(S)		⊖ SS
FIRE ALARM		
MAIN CONTROL PANEL, CENTRAL PROCESSING UNIT (CPU) (VOICE ANNUNCIATION)	6'-6" TO TOP	[FACP]
PULL STATION, DUAL ACTION, PUSH/PULL WITH STI STOPPER / COVER	48" TO LEVER	[F]
AUDIOVISUAL NOTIFICATION APPLIANCE, 110 CANDELA STROBE	WALL, CLG	[F] C
AUDIO-ONLY NOTIFICATION APPLIANCE	WALL, CLG	[A]
VISUAL-ONLY NOTIFICATION APPLIANCE, 110 CANDELL STROBE	WALL, CLG	[V] C
EXTERIOR ELECTRIC BELL	80"	[B]
PHOTO-ELECTRIC SMOKE DETECTOR	CLG	[SD]
HEAT DETECTOR	CLG	[HD]
CARBON MONOXIDE DETECTOR WITH SOUND BASE	CLG	[CO] SB
DOOR HOLDER - WALL TYPE	WALL	[DH]
DOOR HOLDER - CLOSURE TYPE	ABV DOOR	[DH] C
DOOR SMOKE DETECTOR	ABV CLG	[DH] C
CONNECTION TO SPRINKLER FLOW SWITCH WITH ADDRESSABLE MODULE		[FS]
CONNECTION TO SPRINKLER TAMPER SWITCH WITH ADDRESSABLE MODULE		[TS]
PRESSURE SWITCH		[PS]
REMOTE L.C.D. FIRE ALARM ANNUNCIATOR	54"	[FAX]
POST INDICATOR VALVE		[PIV]
POWER SUPPLY/CONTROL FOR AUDIOVISUAL DEVICES	4'-0"	[NAC]
FIRE ALARM CONTROL EXTENDER		[EXT]
ISOLATION MODULE	WALL	[I]
ZONE ADDRESSABLE MODULE		[Z]
H.V.A.C. SMOKE DAMPER CONNECTION		[SM]
FLUSH MOUNTED REMOTE ALARM INDICATING STATION/TEST SWITCH	7'-6"	[R]
FIREMAN'S KNOX BOX CONNECTION		[KB]
ADDRESSABLE RELAY MODULE		[R]
INDICATES VANDAL-PROOF POLYCARBONATE COVER. VANDAL PROOF COVERS SHALL BE UL LISTED FOR USE WITH THE SPECIFIC DEVICE THEY ARE PROTECTING.		PC
DEVICE USED FOR ELEVATOR CONTROL		EL

DESCRIPTION	MOUNTING HEIGHT	DRAWING SYMBOL
LIGHTING		
REFER TO LUMINAIRE SCHEDULE FOR EXACT FIXTURE SPECIFICATIONS, MOUNTING HEIGHTS, ETC.		
SURFACE OR SUSPENDED CEILING FIXTURE (SLASH INDICATES RECESSED)		
POLE MOUNTED AREA LIGHT		
EMERGENCY BATTERY WALL-PACK		
WALL MOUNT FIXTURE		
FLOODLIGHT		
EXIT LIGHT (CEILING, END, WALL MOUNT)		
STRIP FIXTURE		
MISCELLANEOUS		
CONDUIT CONCEALED IN WALLS OR IN CEILING SPACE (ARROWS) INDICATE(S) HOME RUN & OF CIRCUITS. HASHMARKS INDICATE # OF CONDUCTORS. DASHED LINE INDICATES CONDUIT BELOW FLOOR.		
DISCONNECT SWITCH	5'-0"	
MAGNETIC STARTER	5'-0"	
MAGNETIC COMBINATION STARTER	5'-0"	
VARIABLE FREQUENCY DRIVE	5'-0"	
ENCLOSED FLUSH MTD. CIRCUIT BREAKER	5'-0"	
CIRCLE ON ANY DEVICE INDICATES DEVICE FED FROM STUB UP CONDUIT		
FLEXIBLE CONDUIT		
PANELBOARD, SURFACE OR FLUSH MOUNTED, MATCHING INDICATES EMERGENCY	6'-6" TO TOP	
TRANSFORMER	AS NOTED	
EQUIPMENT TAG, REFER TO EQUIPMENT SCHEDULE		
TAGGED NOTE		
REVISION TAG		
CABLE TRAY AS NOTED		
LOW VOLTAGE CABLE PATH	AS SHOWN	
DOORBELL, PUSH/BUTTON STATION, PROVIDE COMPLETE WITH TRANSFORMER MOUNT ABOVE CEILING IN CORRIDOR NEAR PUSH-BUTTON) AND ALL ACCESSORIES. POWER FROM NEAREST AVAILABLE 120V NORMAL POWER GENERAL RECEPTACLE CIRCUIT, NUTONE OR EQUAL.	4'-0"	
DOORBELL, AUDIO/VISUAL STATION, PROVIDE WITH WIREGUARD - PROVIDE MANUFACTURER'S SPECIFIC GUARD FOR DEVICE NOTED	7'-6"	
COORDINATE EXACT AUDIO SOUND (CHIME, BUZZER, ETC.) DESIRED WITH OWNER/ARCHITECT, NUTONE OR EQUAL.		
EQUIPMENT HARDWARE CONNECTION (SEE DETAIL)		
KITCHEN EQUIPMENT OUTLET COUPLING CONNECTION (SEE DETAIL)		
MOTOR CONNECTION, REFER TO EQUIPMENT CONNECTION SCHEDULE		
COVERPLATE WITH LOCKABLE ENCLOSURE AT OUTLET - SEE SPECIFICATIONS		
INDICATES MOUNTING ABOVE COUNTER TOP 2" ABOVE BACKSPLASH, NO HIGHER THAN 48"		
WEATHER-PROOF, NEMA-3R, WET LOCATION LISTED. PROVIDE COVERS, RATINGS, ETC. AS SUITABLE FOR OUTDOORS.		
PLUMBING FIXTURE SOLENOID VALVE-ELECTRIC EYE SENSOR CONNECTION. COORDINATE EXACT CONNECTION REQUIREMENTS WITH MANUFACTURER.		
PULL STATION, DUAL ACTION, PUSH/PULL WITH STI STOPPER / COVER		
PLUMBING FIXTURE ELECTRIC EYE TRANSFORMER CONNECTION. TRANSFORMER SHALL BE 120V/24V. MOUNT ABOVE SUSPENDED ACCESSIBLE CEILING IN JBOX. PROVIDE ADDITIONAL TRANSFORMERS OF SAME TYPE AS IF NEEDED.		
PROVIDE CONNECTION TO HAND DRIVER (SEE ARCHITECTURAL SPECIFICATIONS). PROVIDE WATERPROOF LOCKING MEANS AT BREAKER.		
SURGE PROTECTION DEVICE		
THERMOSTAT PROVIDED BY MECHANICAL CONTRACTOR, ELECTRICAL CONTRACTOR SHALL PROVIDE BACKBOX FOR CONDUIT STUB-UP. REFER TO MECHANICAL DRAWINGS FOR LOCATIONS.		
CONDUIT UP		
CONDUIT DOWN		
CONDUIT BUS BAR ON INSULATED STANDOFFS	2'-0"	
DATA / VOICE		
DATA OUTLET - NUMBER BESIDE OUTLET INDICATES NUMBER OF DATA JACKS	1'-6"	
VOICE OUTLET - NUMBER BESIDE OUTLET INDICATES NUMBER OF VOICE JACKS	1'-6"	
COMBINATION OUTLET - NUMBER BESIDE OUTLET INDICATES NUMBER OF DATA/VOICE JACKS	1'-6"	
MAIN DISTRIBUTION FRAME - REFERENCE DATA SYSTEM SCHEMATICS AND DETAILS FOR ADDITIONAL REQUIREMENTS		
INTERMEDIATE DISTRIBUTION FRAME - REFERENCE DATA SYSTEM SCHEMATICS AND DETAILS FOR ADDITIONAL REQUIREMENTS		
TELECOMMUNICATIONS SYSTEM BACKBOARD, PROVIDE 80H x 34D FIRE-RETARDANT PLYWOOD BACKBOARD WITH TWO (2) COATS OF NON-CONDUCTIVE, FIRE-RETARDANT LIGHT GRAY PAINT. INSTALL BOARD AT 2' AFF. (LENGTH OF BOARD AS INDICATED ON FLOOR PLAN)		
WIRELESS ACCESS POINT WITH PROVISIONS FOR TWO (2) DATA, DATA OUTLET FOR ANTENNA. PROVIDE A COMPLETE DATA OUTLET WITH FACEPLATE ABOVE CEILING, INDICATED AT AN ACCESSIBLE HEIGHT NO MORE THAN 24" ABOVE CEILING. AT EACH OUTLET, PROVIDE A 10' COIL OF CABLE AHEAD OF THE OUTLET FOR ADJUSTMENT OF FINAL OUTLET LOCATION. THE CONTRACTOR SHALL COORDINATE EXACT LOCATIONS WITH THE OWNER AND ADJUST OUTLET LOCATIONS AT SUBSTANTIAL COMPLETION TO ACCOMMODATE OWNER'S WAP LOCATIONS. WAPS ARE OWNER-FURNISHED, OWNER-INSTALLED.		
WALL MOUNTED VOICE OUTLET	48" TO TOP OF BOX	

DESCRIPTION	MOUNTING HEIGHT	DRAWING SYMBOL
ABBREVIATIONS		
UNLESS OTHERWISE NOTED		
OWNER FURNISHED CONTRACTOR INSTALLED		
OWNER FURNISHED OWNER INSTALLED		
CONTRACTOR FURNISHED CONTRACTOR INSTALLED		
CONTRACTOR FURNISHED OWNER INSTALLED		
FLOOR BOX AND POKE THROUGH OUTLETS		
FLOOR BOX, POWER ONLY WITH ONE (1) USB QUADRUPLX OUTLET. PROVIDE FSR #FL-200 WITH SOLID ALUMINUM, SCRUB WATER RATED COVER. 4" DEEP BOX AND FSR #FL-GR020 CONCRETE FLOOR BOX POUR PAN. PROVIDE FLANGE KIT PER FLOORING TYPE. COORDINATE DURING SHOP DRAWING REVIEW.	FLOOR	
FLOOR BOX WITH (4) USB DUPLEX OUTLETS AND (4) DATA OUTLETS. PROVIDE LOW-VOLTAGE BARRIER, BRUSHED ALUMINUM COVER, WIREMOLD #FB8S SERIES.	FLOOR	
FLOOR BOX WITH (4) USB DUPLEX OUTLETS, (2) DATA OUTLETS AND (1) VOICE OUTLET. PROVIDE LOW-VOLTAGE BARRIER, BRUSHED ALUMINUM COVER, WIREMOLD #FB8S SERIES.	FLOOR	
FLOOR BOX WITH (1) QUADRUPLX OUTLET, (1) DATA OUTLET AND (1) POINT OF SALE (POS) OUTLET. PROVIDE LOW-VOLTAGE BARRIER, BRUSHED ALUMINUM COVER, WIREMOLD #FB8S SERIES.	FLOOR	
FIRE RATED POKE THOUGH BOX WITH (2) USB DUPLEX OUTLETS AND (1) VOICE OUTLET. PROVIDE LOW-VOLTAGE BARRIER, BRUSHED ALUMINUM COVER, WIREMOLD #BAT SERIES.	FLOOR	
TELEVISION		
TELEVISION SPLITTERS/AMPLIFIERS/DISTRIBUTION	4'-0"	
TELEVISION SYSTEM OUTLET WITH DUPLEX RECEPTACLE, COORDINATE LOCATION WITH WALL BRACKET WHERE APPLICABLE	7'-0"	
SECURITY INTERCOM		
AUDIO/VIDEO INTERCOM STATION, MASTER WITH SELECTED DOOR CONTACTS, POWER SUPPLY, 1" DOOR RELAY CONTACTS AS REQUIRED FOR OPERATION OF ANY DOOR IN THE SYSTEM AND VIEWING OF ANY AUDIO/VIDEO INTERCOM REMOTE ON THE SYSTEM. APHONE/ANY WIDEK STAND - COLOR BY ARCHITECT.	18"	
AUDIO/VIDEO INTERCOM STATION, REMOTE WITH FLUSH-MTD S.S. ENCLOSURE, APHONE/ANY WIDEK STAND.	4'-0"	
SECURITY CCTV VIDEO SURVEILLANCE		
CCTV CAMERA, CEILING MOUNT DOME, OFCI	CLG	
CCTV CAMERA, WALL MOUNT DOME, OFCI	WALL	
INDICATES EXTERIOR CAMERA RATED FOR CONDITIONS, WET LOCATION LISTED, WITH AUXILIARY HEATER		
SECURITY ACCESS CONTROL		
DOOR ALARM CONTACT (POSITION) SWITCH	DOOR FRAME	
DOOR RELEASE BUTTON	4'-0"	
DOOR POWER SUPPLY	MDF / IDF	
ELECTRIC STRIKE	AT LATCH	
DOOR RELEASE CARD READER STATION, PROVIDE ANY ADDITIONAL ROUGH-IN FOR "EMERGENCY RELEASE" OPERATOR STATIONS AS REQUIRED.	4'-0"	
SAME AS "CR" EXCEPT MULLION MOUNT	4'-0"	
MOTION SENSOR DOOR CONTROL	CEILING	
SAME AS "MS" EXCEPT MULLION MOUNT	CEILING	
ALPHONE IP VIDEO MASTER STATION, PROVIDE 10 WITH DATA AND PATCH CABLE TO PHONE.	DESK	
ALPHONE IP VIDEO DOOR STATION.	4'-0"	
ACCESS CONTROL, POWER SUPPLIES / CONTROL PANEL	4'-0"	
CLASSROOM AV EQUIPMENT		
TEACHER STATION (INPUT) MOUNT 2' ABOVE TEACHERS DESK BACKSPLASH. REFER TO DETAIL FOR REQUIREMENTS. PROVIDE RACEWAYS, CABLEING AND ONE (1) DATA PER DETAIL.		
MONITOR (OUTPUT) MOUNTED BEHIND MONITOR, REFER TO DETAIL FOR REQUIREMENTS. PROVIDE RACEWAYS, CABLEING, OUTLET AND ONE (1) DATA PER DETAIL.	5'-0"	
AREA OF RESCUE ASSISTANCE COMMAND UNIT	WALL	
AREA OF RESCUE ASSISTANCE REMOTE STATION	WALL	

VARIOUS SYSTEMS SCOPE OF WORK AND REQUIREMENTS:

- LOW-VOLTAGE CABLEING:**
IN AREAS WHERE THERE IS EXPOSED CEILING CABLEING SHALL BE ROUTED IN CONDUIT, J-HOOKS AND CABLE TRAYS ARE NOT ACCEPTABLE IN AREAS WITH EXPOSED CEILING. ALL CABLEING SHALL BE PLenum RATED.
- SYSTEMS EQUIPMENT TERMINAL POINT:**
AT ALL SYSTEMS EQUIPMENT (CABINET / TERMINAL BOARD LOCATIONS) [EQUIP.] AS INDICATED ON ELECTRICAL DRAWINGS, CONTRACTOR SHALL PROVIDE SIZE AND NUMBER OF CONDUIT STUB-OUTS TO CABLE PATHS AS REQUIRED FOR CABLEING TERMINATE CONDUITS AT CABINET/SOON BACKBOARDS AS REQUIRED. COORDINATE EXACT REQUIREMENTS WITH CABLEING INSTALLATION PRIOR TO CONSTRUCTION.



GENERAL NOTES (LUMINAIRE SCHEDULE):

- A. ALL LUMINAIRES AND COMPONENTS SHALL BE UL LISTED.
B. CONTRACTOR SHALL FOCUS, AIM AND ADJUST LUMINAIRES UNDER THE SUPERVISION AND DIRECTION OF THE ENGINEER AND ARCHITECT. ALLOW LABOR FOR FINAL FOCUS AND ADJUSTMENTS AFTER DARK. LIFTS AND SCAFFOLDING SHALL BE AVAILABLE.

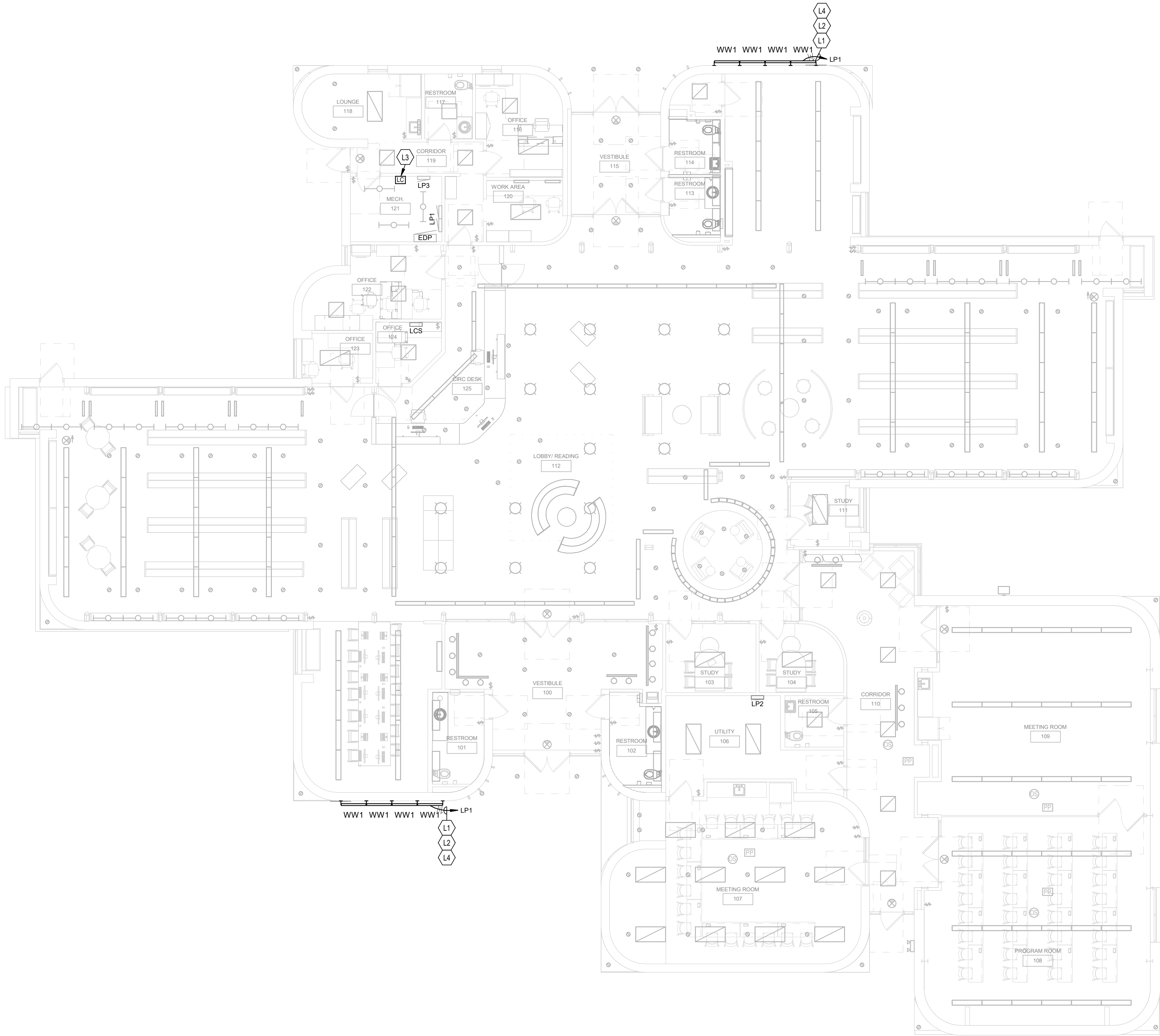
LUMINAIRE SCHEDULE										
TYPE	DESCRIPTION	Manufacturer	BASIS OF DESIGN	EQUAL MANUFACTURERS	MOUNTING	LAMPS / CCT	MINIMUM LUMENS	MAXIMUM WATTAGE	VOLTAGE	REMARKS
WW1	LINEAR LED DIRECT, CANTILEVER MOUNT, EXTRUDED ALUMINUM HOUSING	SPI LIGHTING	SEW12146 3FT-L12W 120-277V 3500K DF_90+HE DF_MCS PSE-NONE SMA F	GENLYTE	WALL	LED, 3500K	1220 LUMENS/FT	12	120	ARCHITECT TO SELECT FINISH. COORDINATE HEIGHT WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN. PROVIDE SUPPORTS EVERY 4' PER FLOOR PLAN.

GENERAL NOTES (LIGHTING):

- A. REFER TO THE ARCHITECT'S REFLECTED CEILING PLANS, ELEVATIONS, AND CASEWORK DETAILS FOR EXACT LOCATIONS OF ALL WALL AND CEILING MOUNTED ELECTRICAL DEVICES.
- B. CONTRACTOR SHALL FOLLOW BRANCH CIRCUITING LAY-OUT, AS INDICATED ON THE FLOOR PLANS, WITH A MAXIMUM OF THREE (3) BRANCH CIRCUITS PER HOMERUN. EACH BRANCH CIRCUIT SHALL BE PROVIDED WITH A DEDICATED NEUTRAL CONDUCTOR. DEDICATED NEUTRAL CONDUCTORS SHALL BE CONSIDERED CURRENT CARRYING. IF ADDITIONAL CONDUCTORS ARE RAN IN THE SAME CONDUIT WITH THOSE INDICATED, CONTRACTOR SHALL DERATE ALL CURRENT CARRYING CONDUCTORS PER N.E.C. #310.15(B)(3), AND UPSIZE CONDUIT AS REQUIRED PER N.E.C. #300.17 AND ANNEX C. MULTIWIRE BRANCH CIRCUITS AS DEFINED IN N.E.C. #100.210.4 (CIRCUITS SHARING A COMMON NEUTRAL CONDUCTOR) SHALL NOT BE PERMITTED.
- C. IDENTIFY THE PANEL AND CIRCUIT NUMBER FOR ALL RECEPTACLES, SWITCHES, ETC. IN AREA OF CONSTRUCTION. PROVIDE CLEAR ADHESIVE LABELS WITH BLACK LETTERING.
- D. ALL LIGHTING FIXTURE LENSES, PARABOLIC LOUVERS, DOWNLIGHTING ALZAK CONES AND "PARACUBE" LOUVERS SHALL BE HANDLED WITH COTTON GLOVES DURING INSTALLATION AND LAMPING TO AVOID FINGERPRINTS OR DIRT DEPOSITS. IT IS PREFERRED THAT FIXTURES BE SHIPPED AND INSTALLED WITH CLEAR PLASTIC BAGS TO PROTECT LOUVERS. AT CLOSE OF PROJECT, AND AFTER CONSTRUCTION AIR FILTERS ARE CHANGED, REMOVE BAGS. ANY LOUVER OR CONE SHOWING DIRT OR FINGERPRINTS SHALL BE CLEANED WITH SOLVENT RECOMMENDED BY THE MANUFACTURER, OR REPLACED AS NECESSARY IN ORDER TO TURN OVER TO THE OWNER NEW FIXTURES AT OCCUPANCY.

KEYNOTES

- L1 ROUTE TO PANELBOARD NOTED AND UTILIZE SPARE 20A BREAKER.
- L2 ROUTE CIRCUIT THROUGH EXTERIOR LIGHTING CONTACTOR. REFER TO DETAIL 2, SHEET C-E401.
- L3 PROVIDE LIGHTING CONTACTOR PANEL PER DETAIL 2, SHEET C-E401. CONTRACTOR TO VERIFY EXACT LOCATION PRIOR TO INSTALLATION.
- L4 FULLY RECESS OUTLET IN EXISTING WALL. CONDUIT SHALL NOT BE SURFACE MOUNTED TO EXTERIOR FAÇADE.



1 FLOOR PLAN - LIGHTING - NEW WORK
SCALE: 1/8" = 1'-0"

ISSUED FOR

DATE

PROJECT TITLE
2025 JEFFERSONVILLE + CLARKSVILLE
LIBRARY IMPROVEMENTS

OWNER
JEFFERSONVILLE TOWNSHIP PUBLIC
LIBRARY

SHEET TITLE
FLOOR PLAN - LIGHTING - NEW WORK

1312 EASTERN BLVD.
CLARKSVILLE, IN 47129

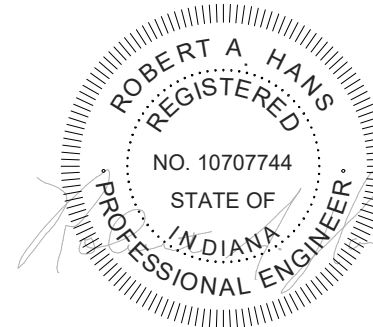
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1 FLOOR PLAN - POWER - NEW WORK
SCALE: 1/8" = 1'-0"

GENERAL NOTES (POWER):

- A. REFER TO THE ARCHITECT'S REFLECTED CEILING PLANS, ELEVATIONS, AND CASEWORK DETAILS FOR EXACT LOCATIONS OF ALL WALL AND CEILING MOUNTED ELECTRICAL DEVICES.
- B. CONTRACTOR SHALL FOLLOW BRANCH CIRCUITING LAY-OUT, AS INDICATED ON THE FLOOR PLANS, WITH A MAXIMUM OF THREE (3) BRANCH CIRCUITS PER HOMERUN. EACH BRANCH CIRCUIT SHALL BE PROVIDED WITH A DEDICATED NEUTRAL CONDUCTOR. DEDICATED NEUTRAL CONDUCTORS SHALL BE CONSIDERED CURRENT CARRYING. IF ADDITIONAL CONDUCTORS ARE RAN IN THE SAME CONDUIT WITH THOSE INDICATED, CONTRACTOR SHALL DERATE ALL CURRENT CARRYING CONDUCTORS PER NEC 310.15(B)(3), AND UPSIZE CONDUIT AS REQUIRED PER NEC 310.17 AND ANNEX C. MULTIWIRE BRANCH CIRCUITS AS DEFINED IN NEC 100 / 210.4 (CIRCUITS SHARING A COMMON NEUTRAL CONDUCTOR) SHALL NOT BE PERMITTED.
- C. IDENTIFY THE PANEL AND CIRCUIT NUMBER FOR ALL RECEPTACLES, SWITCHES, ETC. IN AREA OF CONSTRUCTION. PROVIDE CLEAR ADHESIVE LABELS WITH BLACK LETTERING. IN HEALTHCARE FACILITIES, ENGRAVE EMERGENCY DEVICE COVERPLATES IN PATIENT CARE AREAS. MARK INSIDES OF ALL DEVICE BOXES WITH PANEL AND CIRCUIT NUMBER.
- D. RECEPTACLES THAT ARE CONTROLLED BY AN AUTOMATIC MEANS SUCH AS OCCUPANCY SENSOR OR ENERGY MANAGEMENT SYSTEM SHALL BE MARKED IN ACCORDANCE WITH NEC 406.3(E).
- E. LOCATIONS OF ELECTRICAL CONNECTIONS AND LOCAL DISCONNECTS SHALL BE COORDINATED WITH MECHANICAL AND PLUMBING CONTRACTORS TO ENSURE ACCESS AND WORKING CLEARANCE IS MAINTAINED PER NEC. NOTIFY OTHER TRADES OF REQUIRED CLEARANCE AREAS TO AVOID ROUTING OF OTHER SYSTEMS IN THESE AREAS. DO NOT INSTALL ELECTRICAL EQUIPMENT OVER EQUIPMENT NAMEPLATES OR ACCESS PANELS OR THROUGH ACCESS/MAINTENANCE CLEARANCES OF EQUIPMENT BY OTHER TRADES.

KEYNOTES

- E1 ROUTE TO PANELBOARD NOTED AND UTILIZE SPARE 20A BREAKER.
- E2 1" CONDUIT TO BE ROUTED FROM EXISTING WALL AND STUBBED UP AT CASEWORK FOR POWER TO EQUIPMENT. CONTRACTOR TO VERIFY EXACT LOCATION OF CASEWORK PRIOR TO INSTALLATION. EXISTING CONCRETE SLAB TO BE CUT.
- E3 CONTRACTOR TO COORDINATE EXACT LOCATION OF RECEPTACLE FOR PRINTER IN BASE CABINET PRIOR TO INSTALLATION.
- E4 NEW FLOORBOX TO BE PLACED IN LOCATION OF DEMOLISHED. CONTRACT TO UTILIZE EXISTING CONDUIT AND CABLE. CONNECT TO EXISTING CIRCUIT SERVING DEMOLISHED FLOORBOX.

ISSUED FOR

DATE

PROJECT TITLE
2025 JEFFERSONVILLE + CLARKSVILLE
LIBRARY IMPROVEMENTS

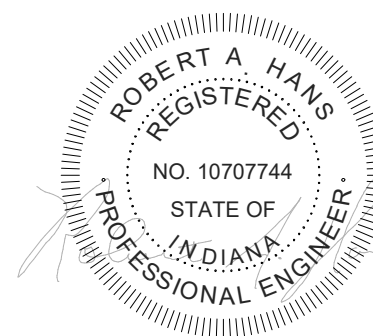
OWNER
JEFFERSONVILLE TOWNSHIP PUBLIC
LIBRARY

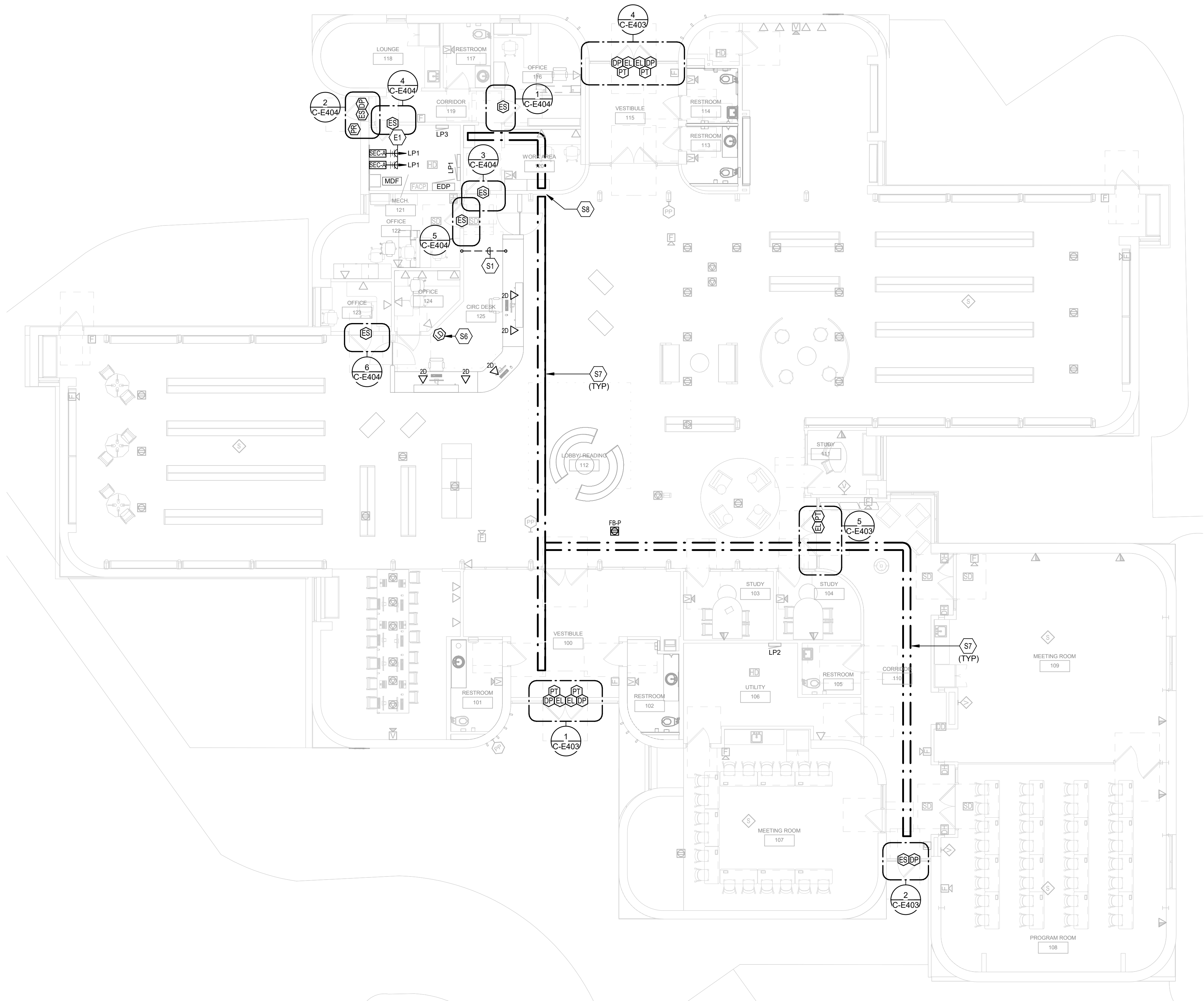
SHEET TITLE
FLOOR PLAN - POWER - NEW WORK

1312 EASTERN BLVD.
CLARKSVILLE, IN 47129

DATE
OCTOBER 21, 2025

SHEET NUMBER
C-E201
25-196.000

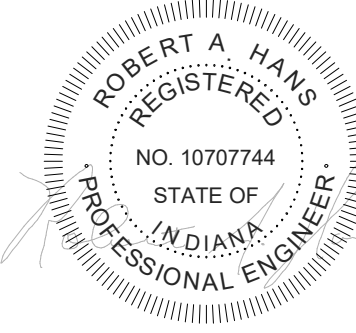




1 FLOOR PLAN - SYSTEMS
SCALE: 1/8" = 1'-0"

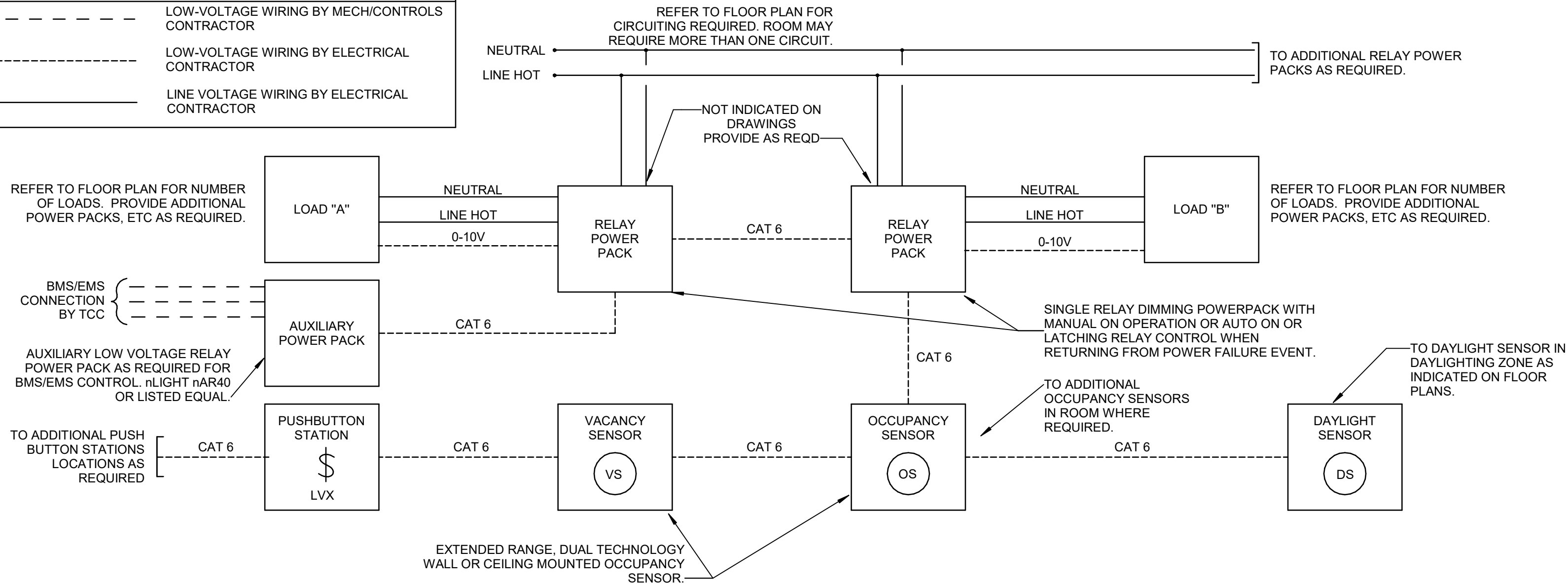
- GENERAL NOTES (SYSTEMS):**
- A. REFER TO THE ARCHITECT'S REFLECTED CEILING PLANS, ELEVATIONS, AND CASEWORK DETAILS FOR EXACT LOCATIONS OF ALL WALL AND CEILING MOUNTED ELECTRICAL DEVICES.
 - B. CONTRACTOR SHALL FOLLOW BRANCH CIRCUITING LAY-OUT, AS INDICATED ON THE FLOOR PLANS, WITH A MAXIMUM OF THREE (3) BRANCH CIRCUITS PER HOMERUN. EACH BRANCH CIRCUIT SHALL BE PROVIDED WITH A DEDICATED NEUTRAL CONDUCTOR. DEDICATED NEUTRAL CONDUCTORS SHALL BE CONSIDERED CURRENT CARRYING. IF ADDITIONAL CONDUCTORS ARE RAN IN THE SAME CONDUIT WITH THOSE INDICATED, CONTRACTOR SHALL DERATE ALL CURRENT CARRYING CONDUCTORS PER NEC 310.15(B)(3), AND UPSIZE CONDUIT AS REQUIRED PER NEC 300.17 AND ANNEX C. MULTIWIRE BRANCH CIRCUITS AS DEFINED IN NEC 100 / 210.4 (CIRCUITS SHARING A COMMON NEUTRAL CONDUCTOR) SHALL NOT BE PERMITTED.
 - C. IDENTIFY THE PANEL AND CIRCUIT NUMBER FOR ALL RECEPTACLES, SWITCHES, ETC. IN AREA OF CONSTRUCTION. PROVIDE CLEAR ADHESIVE LABELS WITH BLACK LETTERING. MARK INSIDES OF ALL DEVICE BOXES WITH PANEL AND CIRCUIT NUMBER.
 - D. REFER TO "SYSTEM INSTALLATION MATRIX" (ON SYSTEMS LEGEND SHEET) AND SPECIFICATIONS FOR CONTRACTOR REQUIREMENTS OF EACH SYSTEM.
 - E. THE CONTRACTOR SHALL ROUTE ALL "SYSTEM CONDUIT STUB-UPS" TO THE NEAREST CORRIDOR CABLING PATH (SEE "STUB-UP" DETAILS). REFER TO CABLING PATH INSTALLATION DETAIL FOR ADDITIONAL REQUIREMENTS.
 - F. PROVIDE J-HOOK PATHWAYS FOR NEW ACCESS CONTROLS. REMOVE AND REPLACE EXISTING CEILING, AS NECESSARY.

- KEYNOTES**
- E1 ROUTE TO PANELBOARD NOTED AND UTILIZE SPARE 20A BREAKER.
 - S1 1-1/2" CONDUIT TO BE ROUTED FROM EXISTING WALL AND STUBBED UP AT CASEWORK FOR DATA TO EQUIPMENT. CONTRACTOR TO VERIFY EXACT LOCATION OF CASEWORK PRIOR TO INSTALLATION. EXISTING CONCRETE SLAB TO BE CUT.
 - S6 INSTALL LOCKDOWN BUTTON AT THIS LOCATION. LOCATION TO BE VERIFIED WITH OWNER PRIOR TO INSTALLATION. BUTTON WILL SIGNAL ACCESS CONTROL SYSTEM TO PLACE DOORS 100, 110A, 115 AND 119A IN LOCKDOWN MODE. THIS MODE CANNOT BE RESET AT THIS BUTTON LOCATION. RESET WILL REQUIRE SYSTEM LOGIN WITH PROPER PERMISSION LEVEL.
 - S7 PROPOSED 3-TIER J-HOOK CABLING PATH. COORDINATE ALL PATHS WITH PIPING, DUCTWORK, ETC. (NOTE: STUB-UP CONDUITS SHALL BE ROUTED TO THESE CABLE PATHS). PROVIDE "J-HOOK" STYLE RINGS ALONG ALL REQUIRED CABLING PATHS. REFER TO INSTALLATION DETAIL FOR FURTHER REQUIREMENTS (TYPICAL).
 - S8 PROVIDE THREE (3) 4" CONDUIT SLEEVES THROUGH WALLS INDICATED. INSTALL SLEEVES ABOVE THE SUSPENDED CEILING IN-LINE WITH CABLING PATHS. REFER TO SLEEVE DETAIL FOR FURTHER REQUIREMENTS.



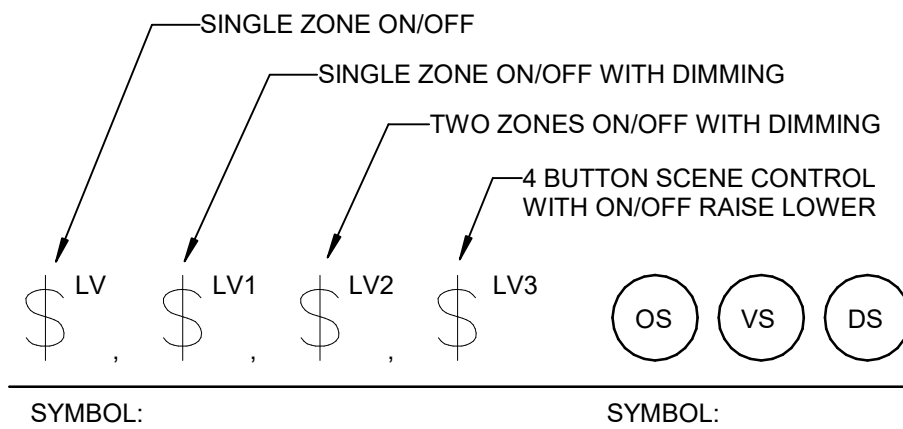
- GENERAL LIGHTING CONTROL NOTES:
- A. VERIFY ALL WIRING REQUIREMENTS WITH MANUFACTURER OF LIGHTING CONTROL DEVICES PRIOR TO ROUGH-IN. THIS SCHEMATIC DIAGRAM IS MEANT TO BE ILLUSTRATIVE ONLY.
 - B. LIGHTING CONTROL SYSTEM SHALL COMPLY WITH ENERGY CODE.
 - C. ALL POWER PACKS AND RELAYS SHALL BE CONCEALED, READILY ACCESSIBLE AND LOCATED ABOVE AN ACCESSIBLE CEILING.
 - D. PROVIDE J-HOOKS ON 2' CENTERS ABOVE ACCESSIBLE CEILINGS FOR ALL LOW-VOLTAGE CABLING. J-HOOK INSTALLATION SHALL NOT INTERFERE WITH REMOVAL OF CEILING TILES. ADD SHALL BE ROUTED PARALLEL AND PERPENDICULAR TO THE AREAS WALLS. PROVIDE CABLING IN CONDUIT IF CEILING IS OPEN OR ABOVE INACCESSIBLE CEILINGS.
 - E. ALL DIGITAL WALL STATIONS SHALL HAVE CUSTOM ENGRAVED BUTTONS. EXACT ENGRAVING SHALL BE COORDINATED DURING SHOP DRAWING REVIEW.
 - F. ALL CONTROL STATIONS SHALL HAVE FACTORY ENGRAVED BUTTON FACES.
 - G. WHERE MULTIPLE CIRCUITS SERVE ONE ZONE, PROVIDE ADDITIONAL POWER PACKS AS REQUIRED TO CONTROL ALL CIRCUITS IN ZONE TOGETHER. PROVIDE ALL ACCESSORIES, DEVICES AND CABLING FOR OPERATION AS DESCRIBED.
 - H. ALL 0-10V WIRING AND CATEGORY CABLING SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR FOR A COMPLETE AND OPERATIONAL SYSTEM.
 - I. THE INTERFACE CONNECTION FROM THE POWER PACKS AUXILIARY RELAYS TO THE BUILDING AUTOMATION SYSTEM SHALL BE PROVIDED BY THE TEMPERATURE CONTROLS CONTRACTOR (TCC).
 - J. PROVIDE REMOTE TEST SWITCHES FOR EMERGENCY RELAY CONTROLLERS 'ER' AND/OR 'ET' LOCATED ABOVE ACCESSIBLE CEILINGS. TEST SWITCH SHALL BE LOCATED WITHIN THE AREA THAT THE 'ER' IS SERVING. COORDINATE EXACT LOCATION WITH ARCHITECT AND ENGINEER PRIOR TO ROUGH-IN.
 - K. ADJUST SENSOR LOCATION AND SENSITIVITY LEVELS TO MINIMIZE NUISANCE TRIPPING AND FALSE OFF'S.
 - L. SET AUTOMATIC OFF INTERVAL AT 20 MINUTES.
 - M. POWER PACKS LOCATED IN GYMNASIUMS AND AREAS SUBJECT TO DAMAGE SHALL BE INSTALLED IN A PAINTED NEMA 1 METAL ENCLOSURE.
 - N. SUBMIT FULL SIZE MANUFACTURER SHOP DRAWINGS, WITH BILL OF MATERIALS, INDICATING ALL DEVICE LOCATIONS, OCCUPANCY/VACANCY SENSOR COVERAGE PATTERNS AND RISER DIAGRAM. PROVIDE ADDITIONAL OCCUPANCY SENSORS AS REQUIRED, FOR 100% COVERAGE.
 - O. CONTRACTOR SHALL VERIFY ALL ROOM NAMES AND NUMBERS USED FOR LABELING IS IN ACCORDANCE WITH FINAL DESIGNATIONS CHOSEN BY THE OWNER AND ARCHITECT.
 - P. EXTRA MATERIALS: PROVIDE TWO (2) OF EACH LIGHTING CONTROL DEVICE UTILIZED. EXTRA MATERIALS SHALL BE HANDED OVER TO THE OWNER AT SUBSTANTIAL COMPLETION.
 - Q. FURNISH ALL REQUIRED CONTROL WIRING AND ALL COMPONENTS NECESSARY FOR A COMPLETE AND OPERATIONAL SYSTEM.
 - R. COORDINATE ALL DEVICE BACK BOX SIZES, LOCATIONS, MOUNTING HEIGHTS, ETC. WITH MANUFACTURER RECOMMENDATIONS AND WIRING DIAGRAM PRIOR TO CONSTRUCTION.

WIRING SCHEMATIC LEGEND	
-----	LOW-VOLTAGE WIRING BY MECH/CONTROLS CONTRACTOR
- - - - -	LOW-VOLTAGE WIRING BY ELECTRICAL CONTRACTOR
—————	LINE VOLTAGE WIRING BY ELECTRICAL CONTRACTOR



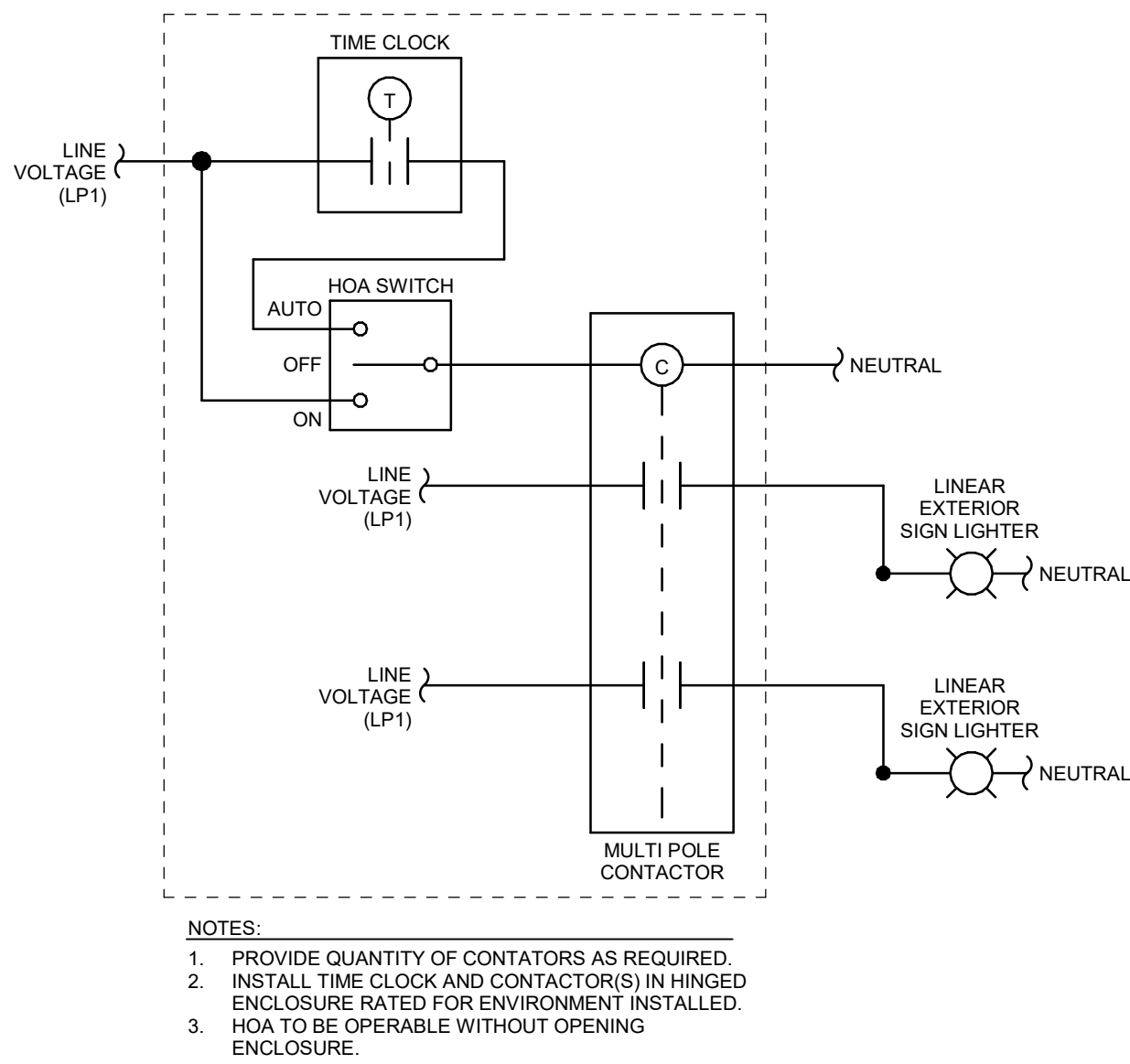
OCCUPANCY/VACANCY/DAYLIGHT SENSOR GENERAL NOTES:

- A. VERIFY ALL WIRING REQUIREMENTS WITH MANUFACTURER OF OCCUPANCY SENSOR PRIOR TO ROUGH-IN. THIS DIAGRAM IS MEANT TO BE ILLUSTRATIVE ONLY.
- B. ALL POWER PACKS TO BE LOCATED IN CONCEALED LOCATIONS ABOVE ACCESSIBLE CEILINGS.
- C. ALL UNITS TO BE DUAL TECHNOLOGY SENSORS WITH POWER PACKS.
- D. PROVIDE J-HOOKS ON 4' CENTERS ABOVE CEILING FOR ALL CONTROL CABLING INDICATED BETWEEN RELAYS.
- E. CONTRACTOR SHALL PROVIDE AN EXTRA 10' OF CONTROL WIRING COILED UP ABOVE CEILING AT OCCUPANCY SENSOR.
- F. WHERE MULTIPLE CIRCUITS SERVE ONE AREA, CONTRACTOR SHALL PROVIDE ADDITIONAL RELAY PACKS AS REQUIRED TO CONTROL ALL CIRCUITS IN ROOM TOGETHER. REFER TO MANUFACTURER'S WIRING DIAGRAMS FOR WIRING REQUIREMENTS.
- G. WHERE MULTIPLE SENSORS AND MULTIPLE POWER PACKS ARE REQUIRED IN ONE ROOM, CONTRACTOR SHALL CONNECT SENSORS AND POWER PACKS SUCH THAT MOTION DETECTION BY ANY SENSOR IN THE ROOM SHALL ALLOW ALL CIRCUITS IN THE ROOM TO OPERATE. PROVIDE ALL ACCESSORIES AND WIRE DEVICES PER MANUFACTURER'S REQUIREMENTS FOR OPERATION AS DESCRIBED.
- H. SYSTEM SHALL BE SENSOR SWITCH nLIGHT OR WATTSTOPPER DLM EQUAL. SYSTEM SHALL BE PROVIDED, WIRED AND CONTROLLED AS A COMPLETE AND OPERABLE SYSTEM.
- I. OCC SENSORS SHALL BE DUAL TECHNOLOGY (PIR AND ULTRASONIC) CEILING OR WALL TYPE, WHERE INDICATED AS WALL TYPE, PROVIDE WITH RECESS BACKBOX, STUB-OUT AND GROMMETED COVERPLATE FOR CABLING. PROVIDE WITH ADDITIONAL EMS RELAY FOR BUILDING MANAGEMENT.
- J. DAYLIGHT SENSOR OPERATION: DEVICE SHALL BE SET TO MAINTAIN 50FC. LOW DIMMING RANGE SHALL BE SET LOWER THAN 30% OF FIXTURES OUTPUT LEVEL. TRANSITION OFF TIME SHALL BE SET AT 10 MINUTES. TRANSITION ON TIME SHALL BE 45 SEC. SYSTEM SHALL BE "BURNT" IN FOR 100 HOURS. SYSTEM SHALL BE CONFIGURED AND TESTED PRIOR TO END OF PROJECT.



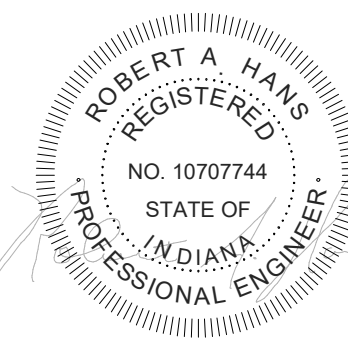
1 OCCUPANCY/VACANCY/DAYLIGHT SENSOR LIGHTING CONTROL WIRING DIAGRAM

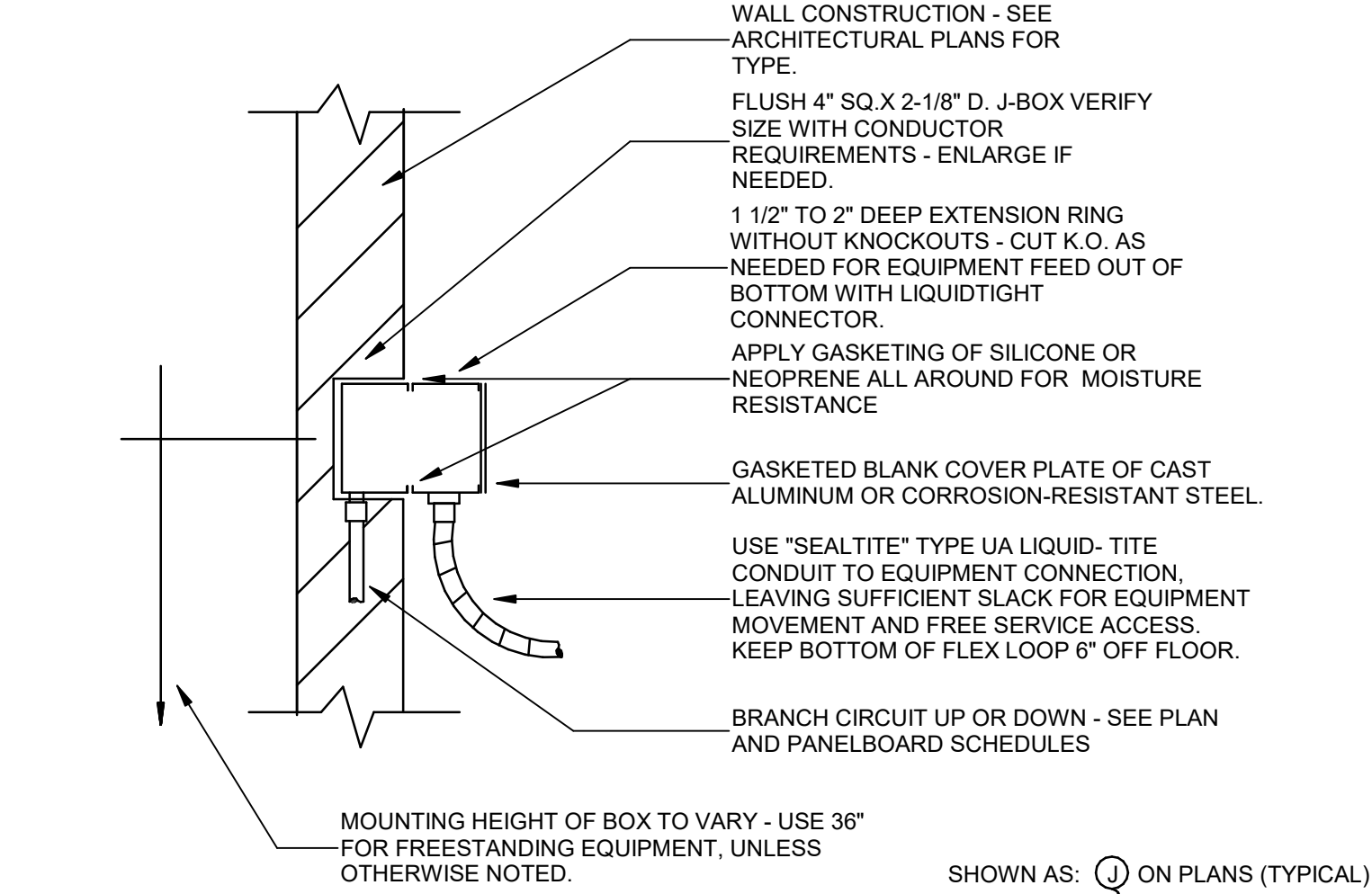
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3 LIGHTING CONTACTOR DETAIL

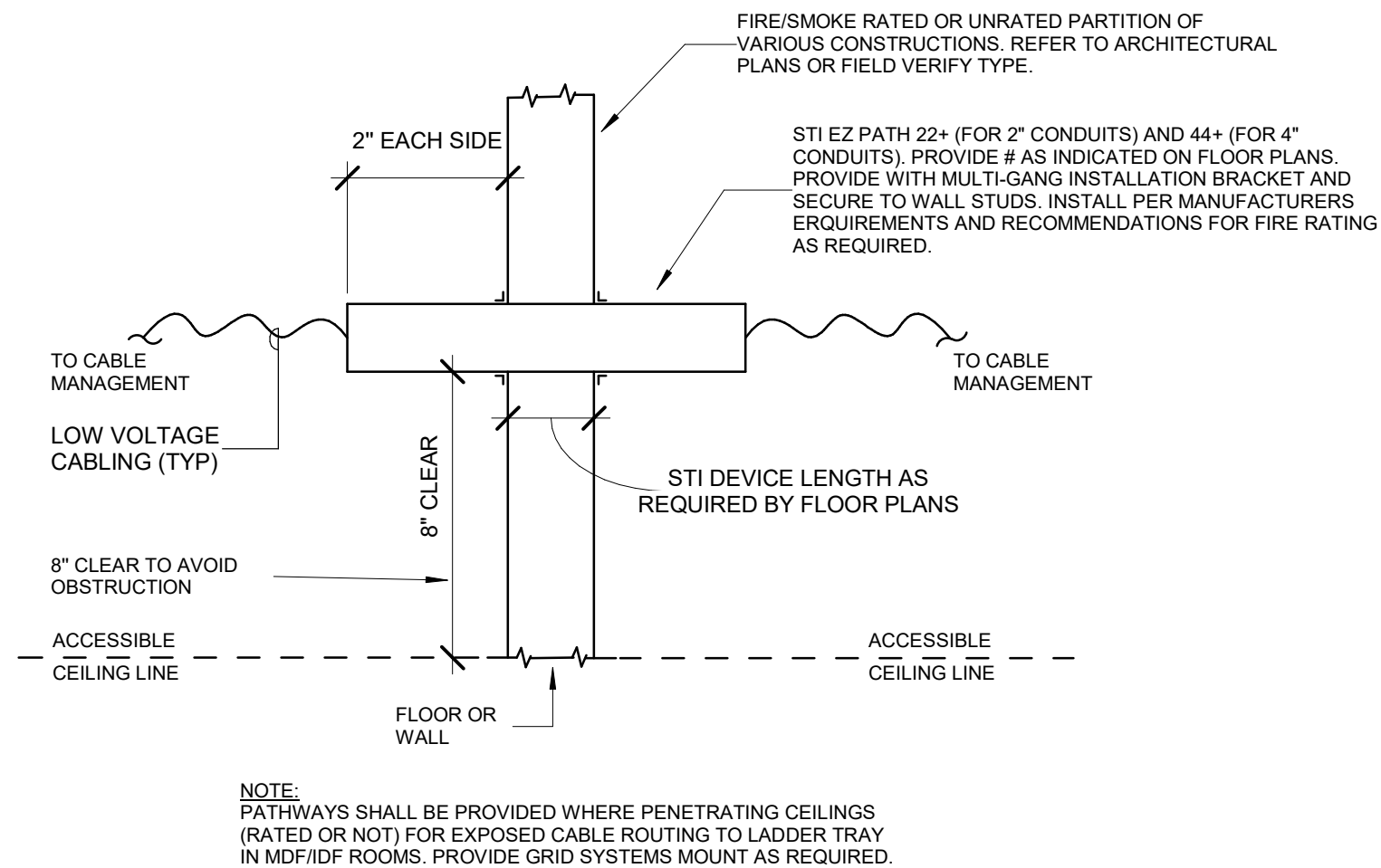
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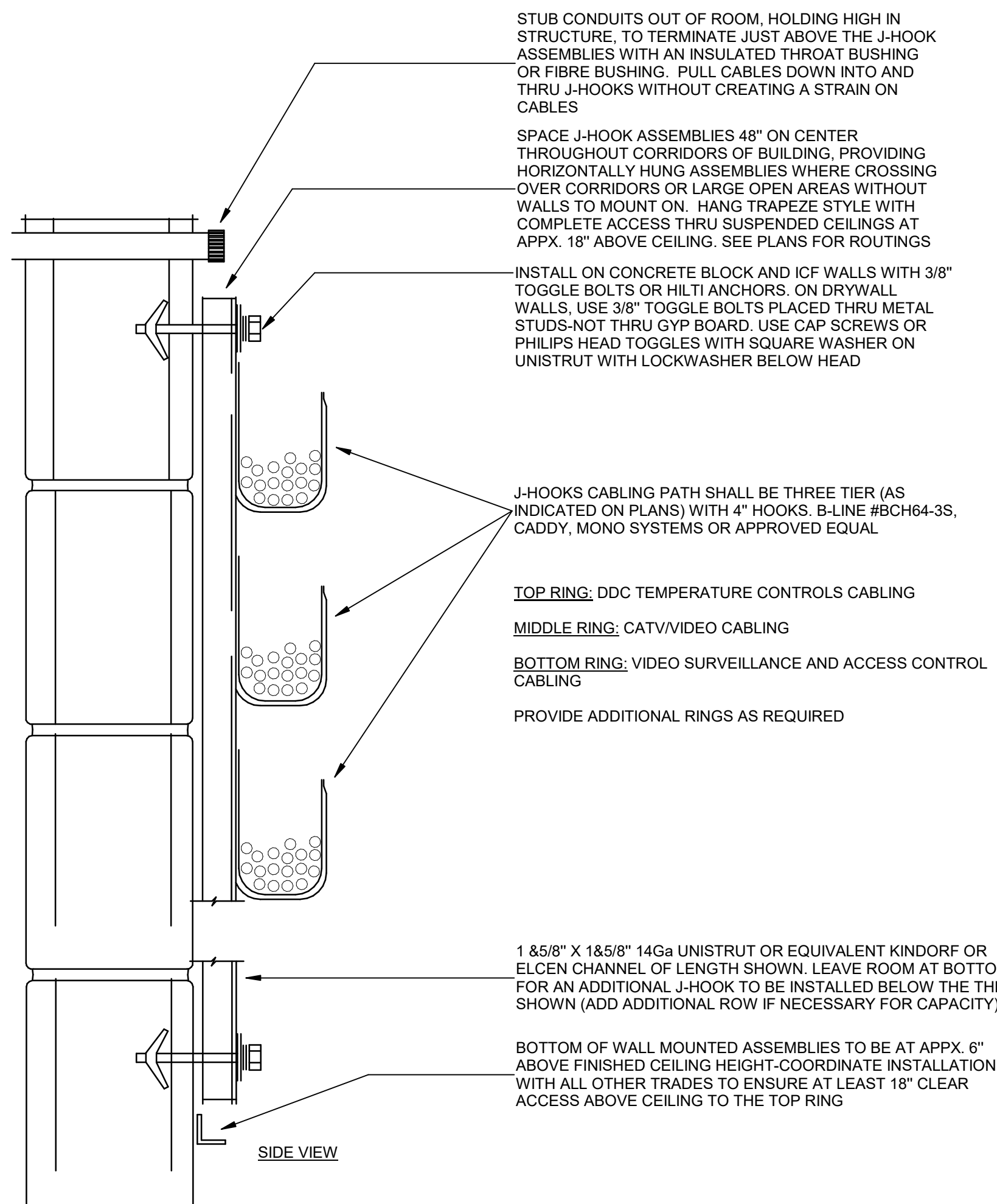
6 TYPICAL HARD-WIRED CONNECTION

NO SCALE



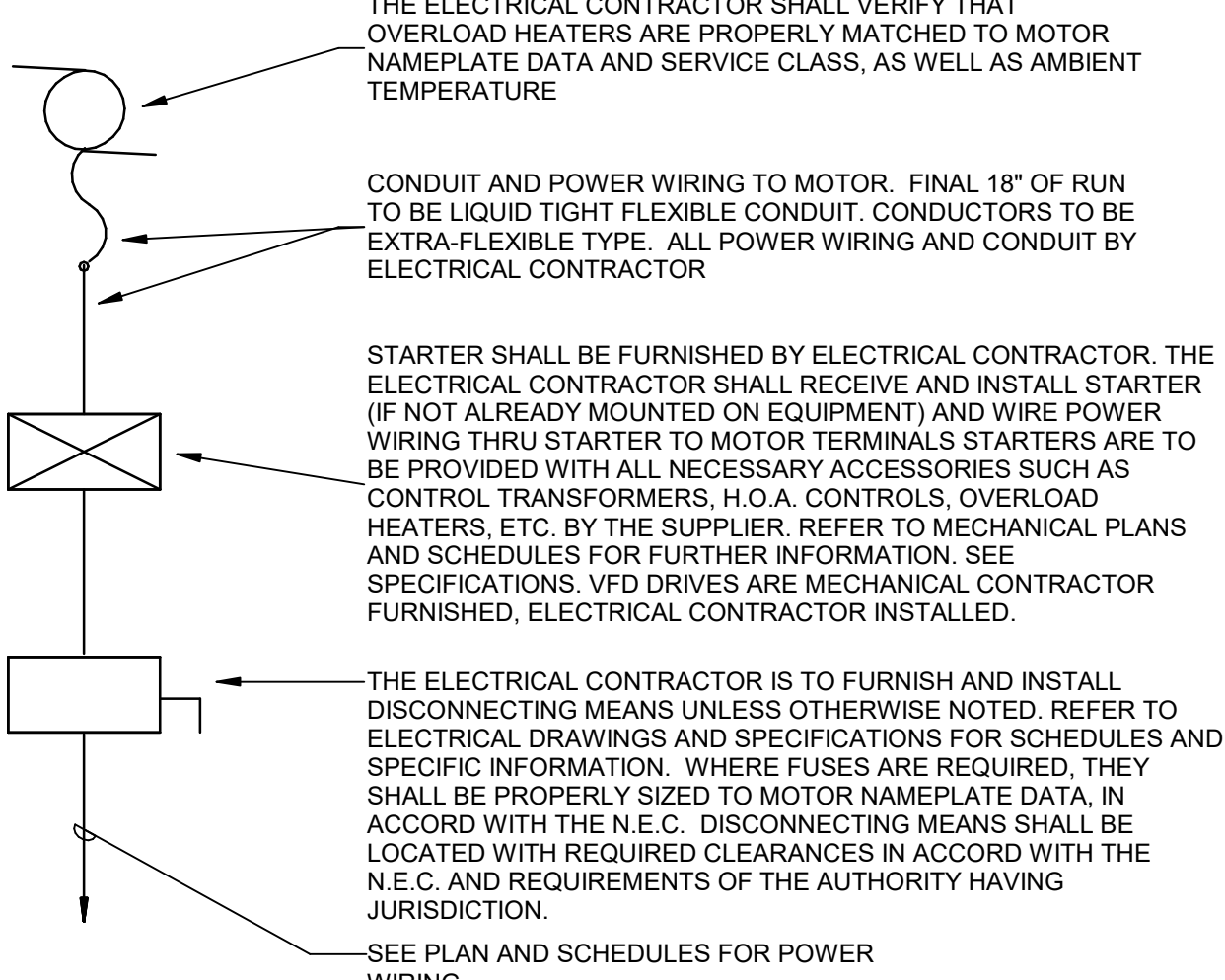
7 SYSTEMS CABLING SLEEVE INSTALLATION DETAIL

NO SCALE



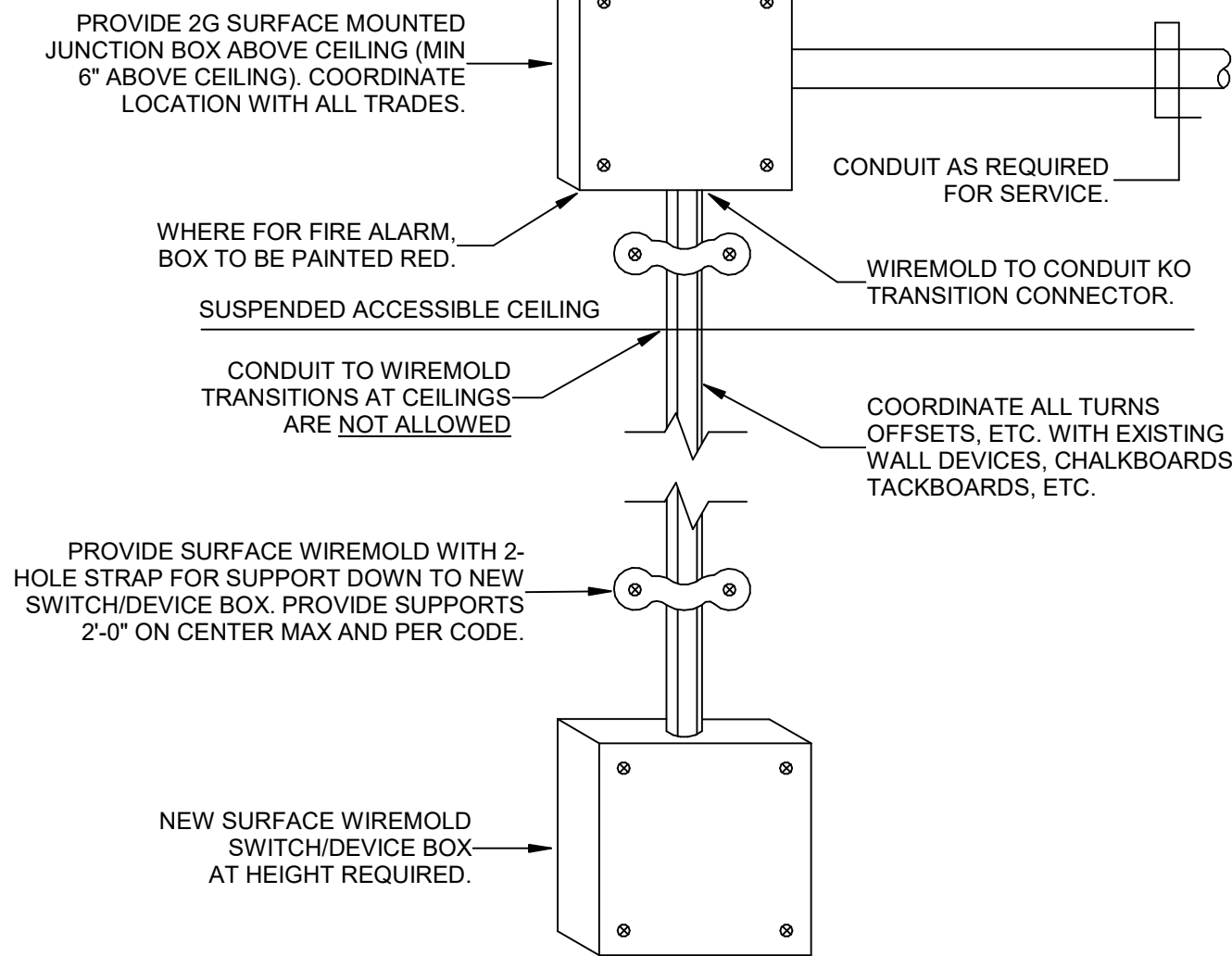
8 J HOOK INSTALLATION DETAIL

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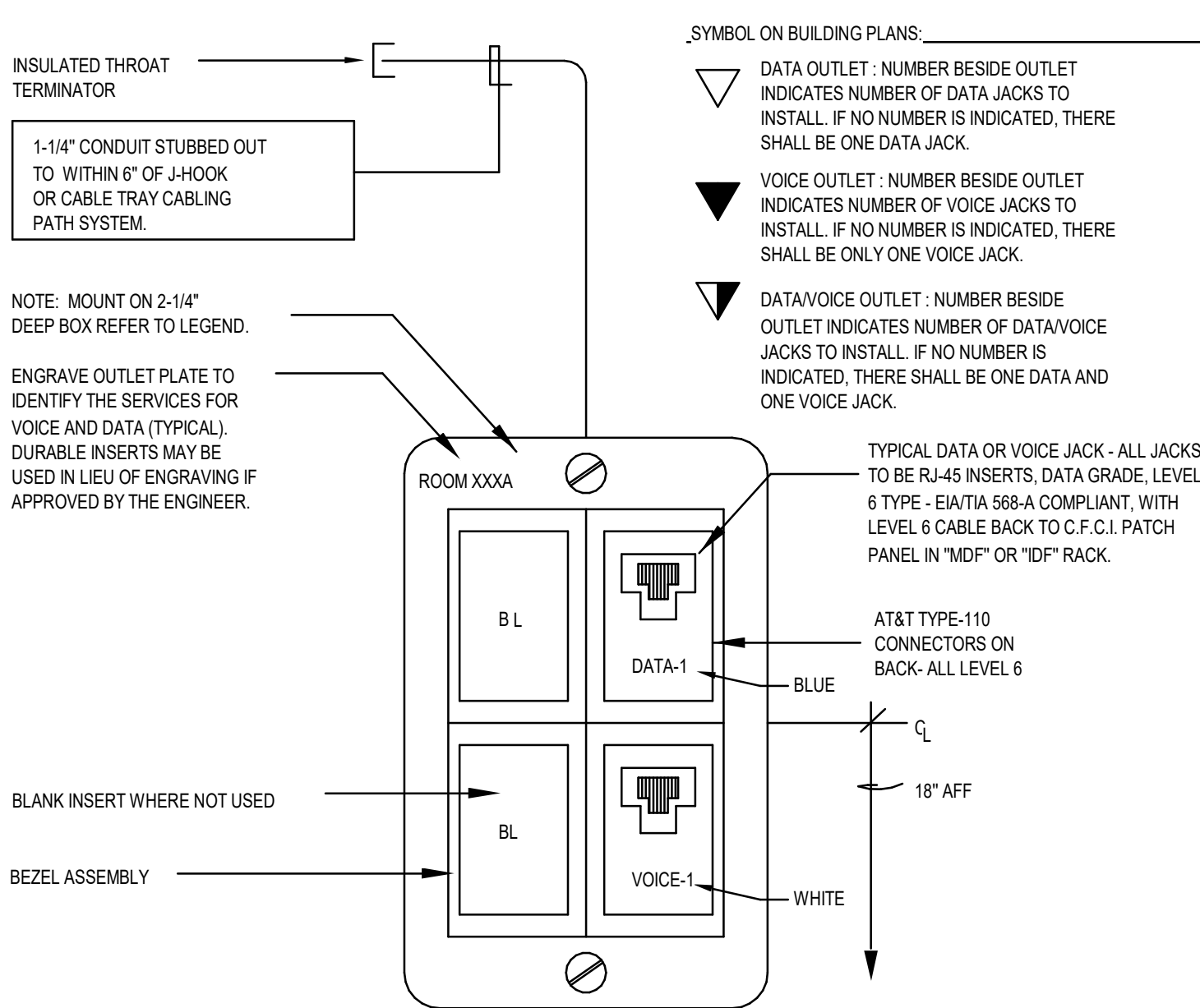
3 TYPICAL MOTOR/STARTER INSTALLATION

NO SCALE



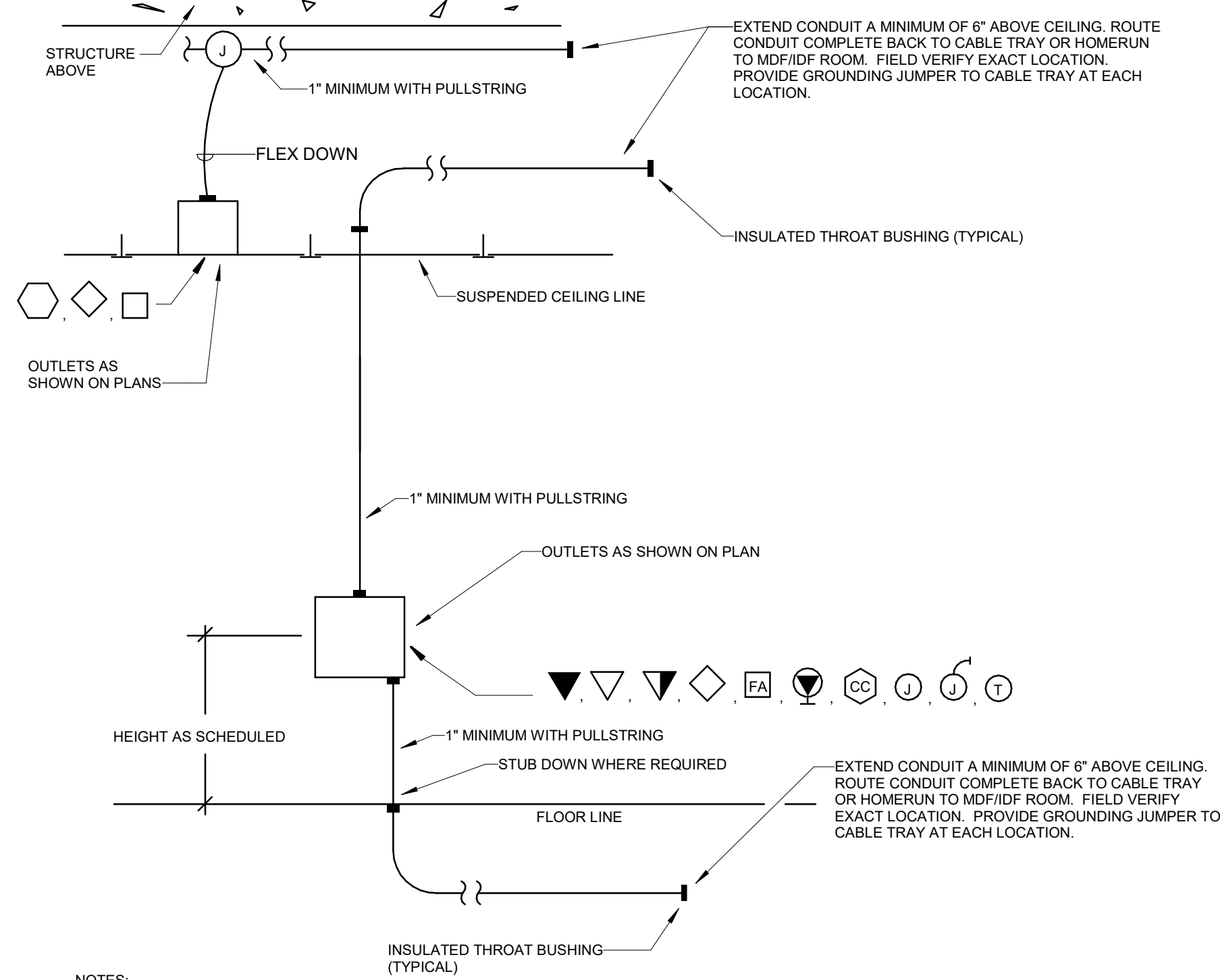
4 TYPICAL WIREMOLD DEVICE INSTALLATION DETAIL

NO SCALE



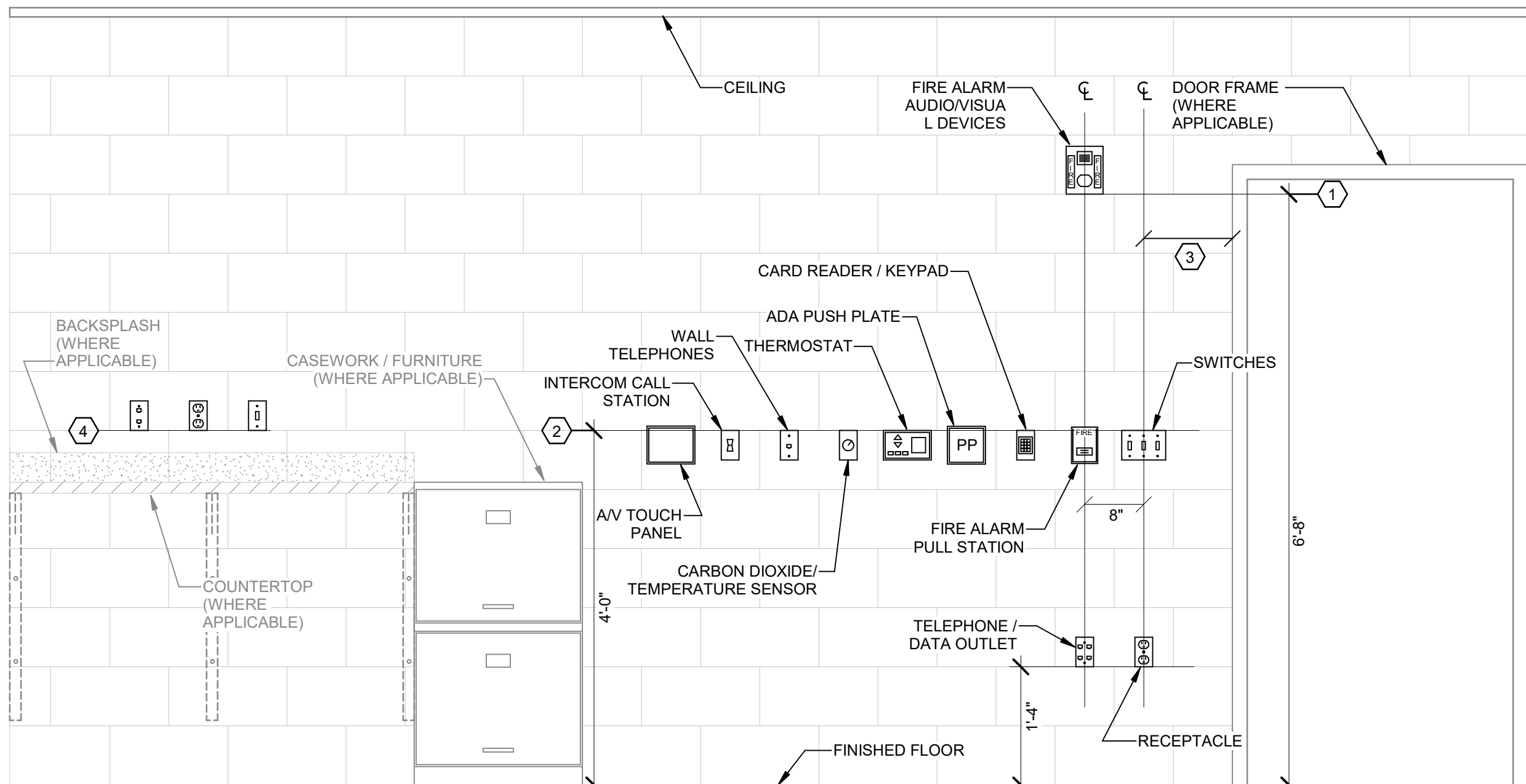
5 DATA/VOICE OUTLET BOX DETAIL

NO SCALE



1 ROUGHING-IN DETAIL FOR STUB-OUTS

NO SCALE



DEVICE MOUNTING DETAIL - GENERAL NOTES:

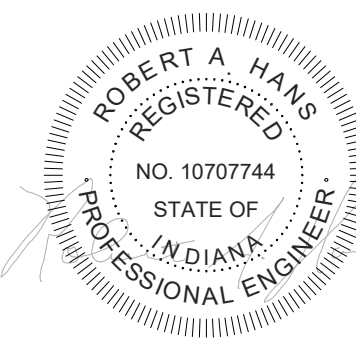
- A. WHERE DEVICES OF ANY DISCIPLINE ARE LOCATED IN THE SAME GENERAL AREA ON THE PLANS AND ARE SHOWN TO BE MOUNTED AT A SIMILAR HEIGHT, ALIGN HORIZONTALLY ALONG TOP OF DEVICE BACKBOX (AS SHOWN IN DETAIL AND DESCRIBED IN KEY NOTE #2).
- B. WHERE DEVICES OF ANY DISCIPLINE ARE LOCATED IN THE SAME GENERAL AREA ON THE PLANS AND ARE SHOWN MOUNTED AT DIFFERENT HEIGHTS, ALIGN VERTICALLY ALONG THE CENTERLINE OF THE DEVICE BACKBOX (AS SHOWN IN DETAIL).
- C. FOR ANY WALL OTHER THAN PAINTED GYPSUM BOARD OR CMU, DEVICE LOCATIONS MUST BE FIELD APPROVED BY ENGINEER OR ARCHITECT PRIOR TO INSTALLATION OF FINISHES.

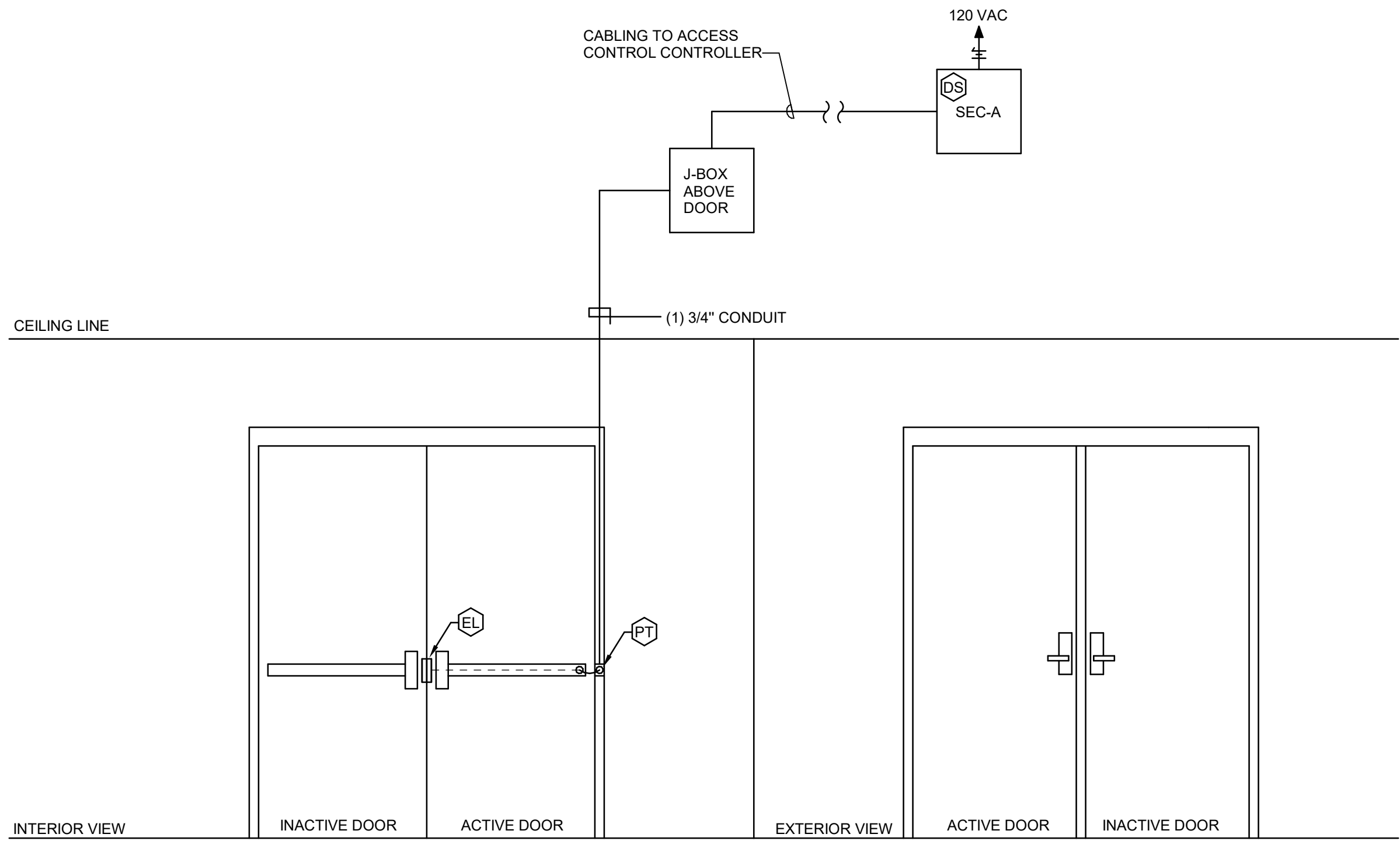
DEVICE MOUNTING DETAIL - KEY NOTES:

1. MOUNT VISUAL NOTIFICATION APPLIANCES SO THAT ENTIRE LENS IS BETWEEN 80" AND 96" AFF. IF CEILING IS TOO LOW FOR DEVICE TO BE MOUNTED ABOVE 80", MOUNT SO THAT THE LENS IS WITHIN 6" OF FINISHED CEILING.
2. ALIGN BACKBOXES OF DEVICES AT THE MOUNTING HEIGHT INDICATED. MEASURE TO THE TOP OF THE BACKBOX FOR STANDARD OUTLET BOXES. NON-STANDARD BACKBOXES ARE TO BE INSTALLED SUCH THAT THE FINISHED DEVICES ARE ALIGNED ALONG THEIR RESPECTIVE CENTERLINES.
3. MOUNTING HEIGHTS SHOWN ILLUSTRATE DESIGN INTENT AND ARE TO BE FOLLOWED UNLESS CONTRADICTED BY APPLICABLE CODE. WHERE DEVICES ARE SHOWN ADJACENT TO DOOR FRAMES ON PLANS INSTALL 12" FROM FRAME TO AVOID SLUSHED SECTIONS OR BRACING. SPECIFIC DEVICES ARE SHOWN IN RELATIVE ORDER FROM DOOR FRAME; WHERE THESE DEVICES ARE NOT PRESENT AT A PARTICULAR LOCATION, ADJUST LOCATIONS CLOSER TO DOOR ACCORDINGLY.
4. THE CONTRACTOR IS TO COORDINATE ALL ROUGH-INS WITH ANY COUNTERTOPS/BACKSPLASHES TO AVOID CONFLICT. ALIGN DEVICE BACKBOXES IN THE BOTTOM OF THE NEXT FULL BLOCK ABOVE THE BACKSPLASH AS SHOWN. FOR NON-BLOCK WALLS ALIGN BOTTOM OF DEVICE BACKBOXES 4" ABOVE BACKSPLASH. COORDINATE WORK WITH CASEWORK AND KITCHEN SHOP DRAWINGS ACCORDINGLY. IF CONFLICT STILL ARISES CONTACT THE ENGINEER FOR DIRECTION ON HOW TO PROCEED.

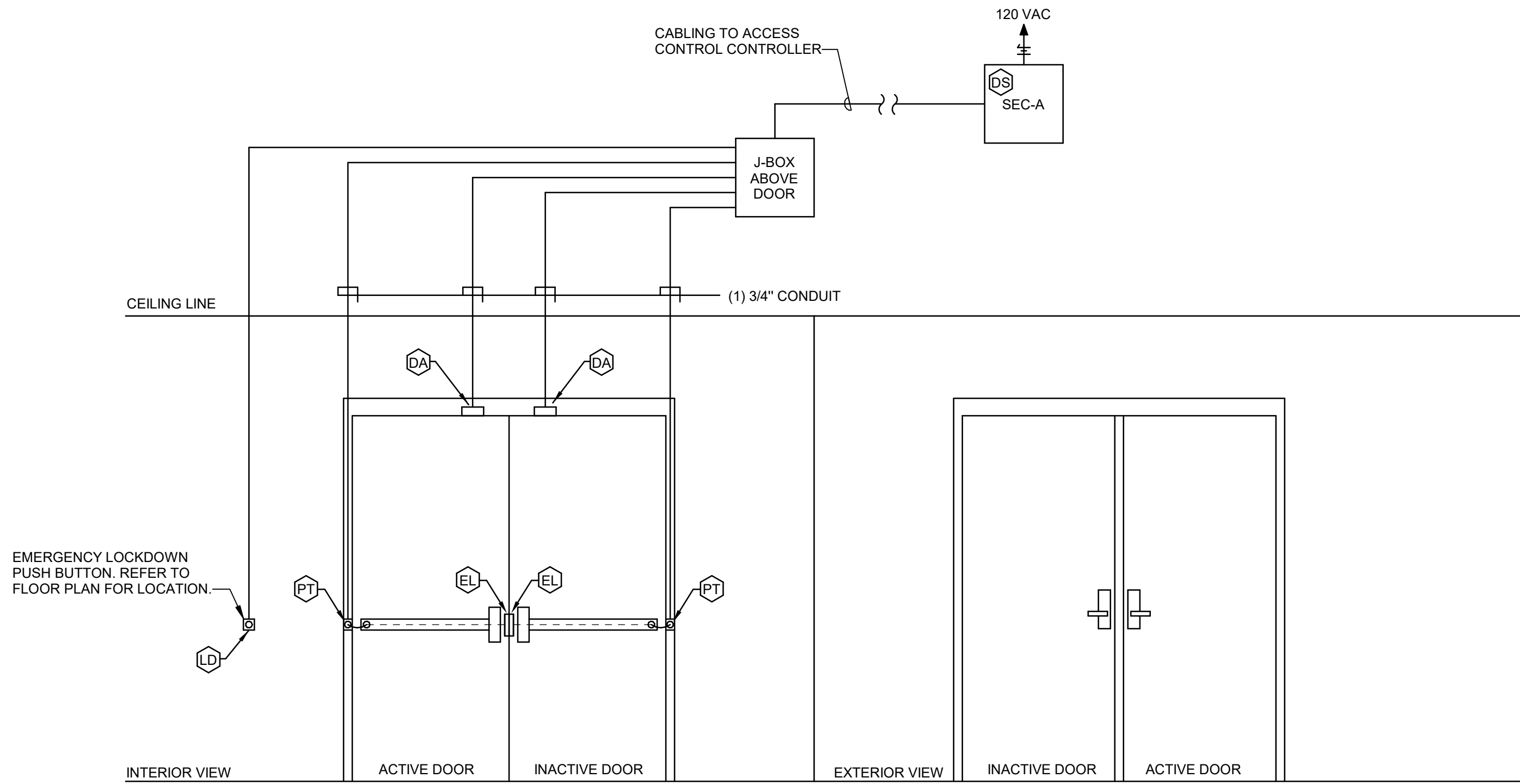
2 TYPICAL WALL DEVICE MOUNTING DETAIL

NO SCALE

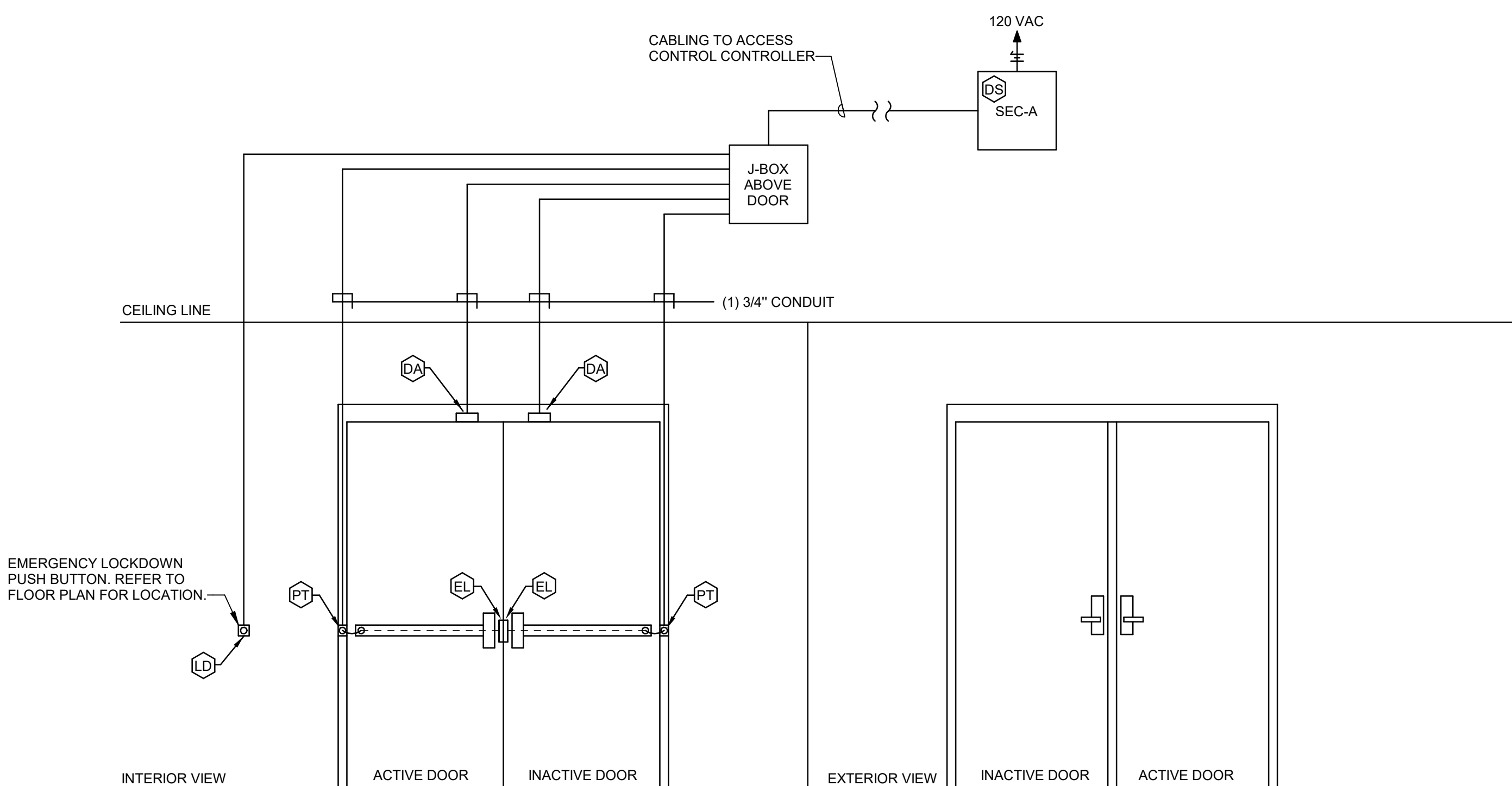




5 DOOR 110B HARDWARE DETAIL
NO SCALE REF: C-E301

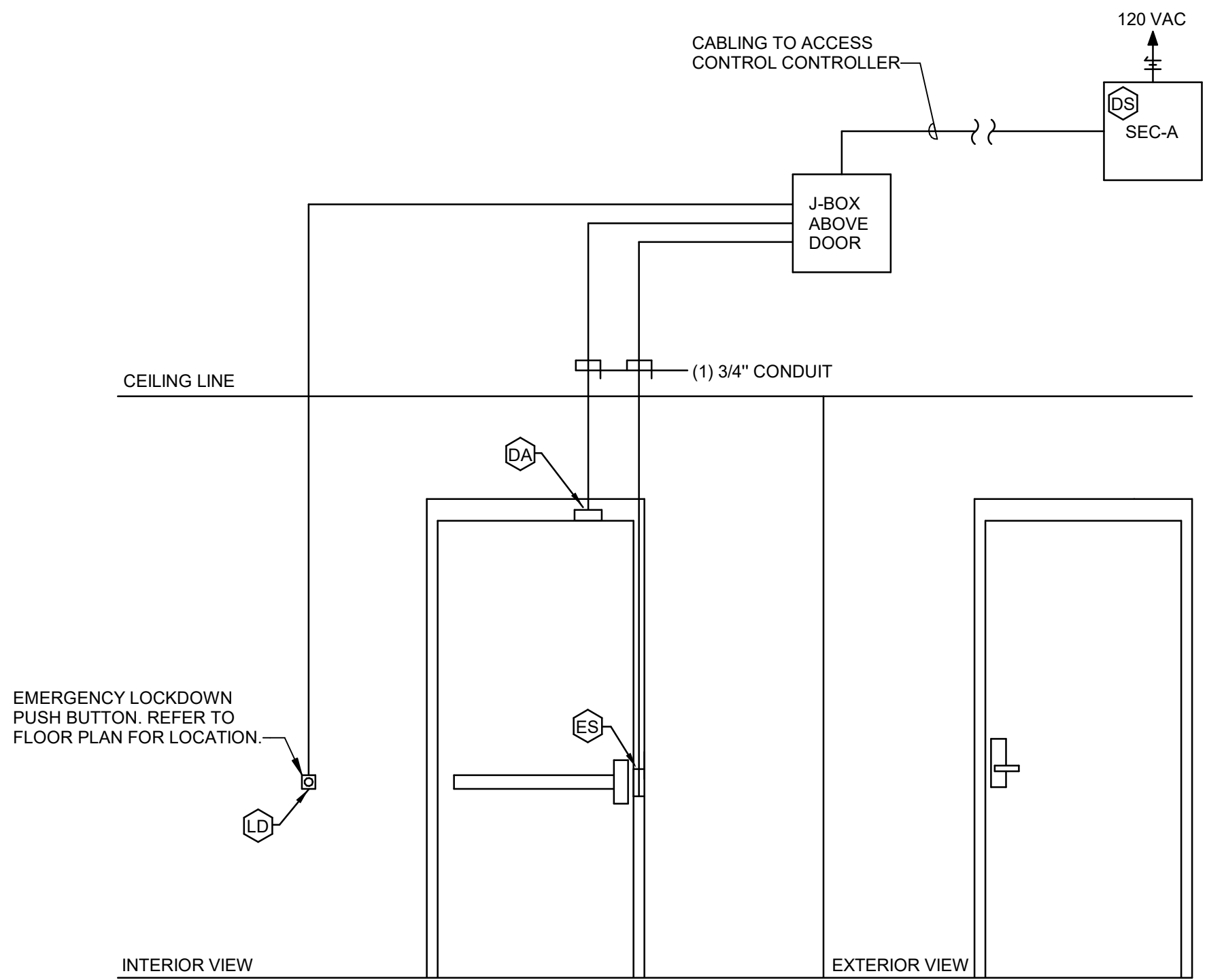


1 DOOR 100 HARDWARE DETAIL
NO SCALE REF: C-E301



4 DOOR 115 HARDWARE DETAIL
NO SCALE REF: C-E301

NOTE:
ALL BELOW CEILING CABLING TO BE ROUTED
IN WIREMOLD (TYPICAL)

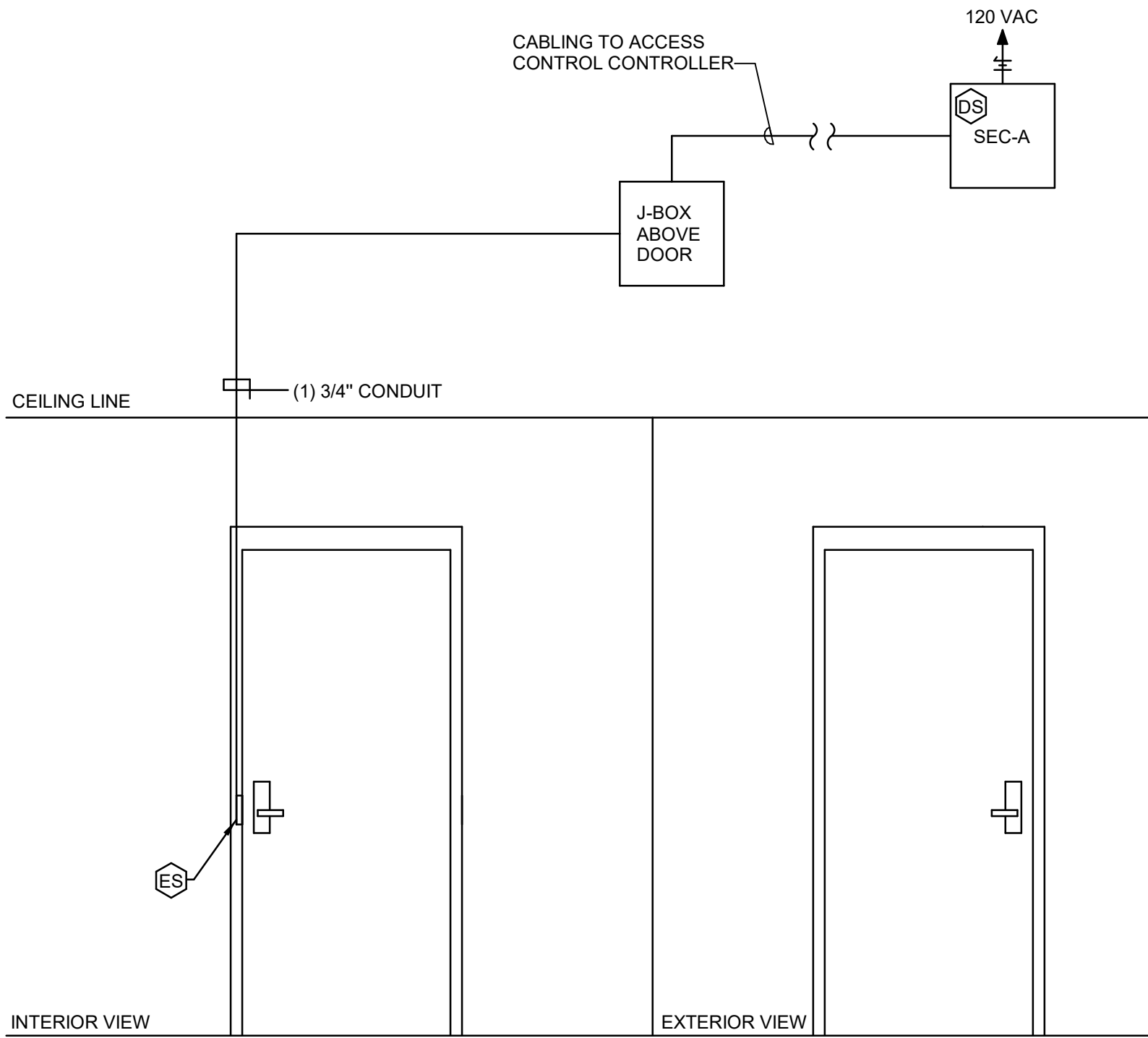


2 DOOR 110A HARDWARE DETAIL
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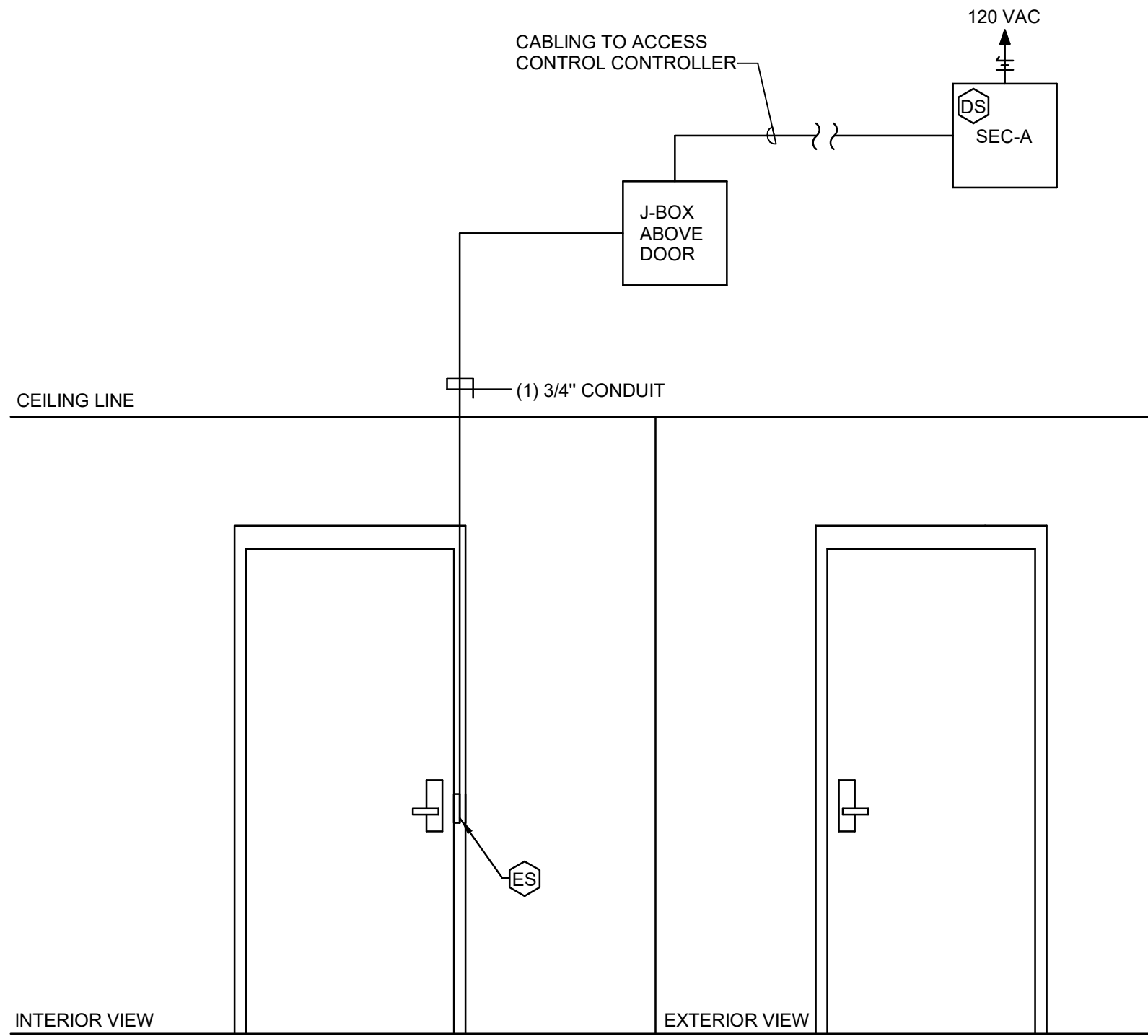
ITEM	DESCRIPTION	WIRING
DA	CONCEALED DOOR ALARM CONTACT (POSITION) SWITCH, ROUND, POP-IN, BALANCED	COMPOSITE, PLENUM RATED CABLE
EL	ELECTRIFIED LATCH	COMPOSITE, PLENUM RATED CABLE
SA	PIEZO DOOR HOLD OPEN SOUNDER ALARM	COMPOSITE, PLENUM RATED CABLE
CR	CARD READER / KEY FOB	COMPOSITE, PLENUM RATED CABLE
CRM	CARD READER / KEY FOB (MULLION MOUNT)	COMPOSITE, PLENUM RATED CABLE
PR	PROXIMITY READER	COMPOSITE, PLENUM RATED CABLE
ES	ELECTRIC DOOR STRIKE	COMPOSITE, PLENUM RATED CABLE
MS	REQUEST TO EXIT MOTION SENSER DOOR CONTROL WITH SOUNDER (BOSCH DX180)	COMPOSITE, PLENUM RATED CABLE
PB	PUSH BUTTON STATION MOUNTED UNDER DESK, MOMENTARY PUSH BUTTON	COMPOSITE, PLENUM RATED CABLE
DR	DOOR RELEASE BUTTON	COMPOSITE, PLENUM RATED CABLE
PT	PUSH PLATE	COMPOSITE, PLENUM RATED CABLE
PF	POWER TRANSFER (FRAME TO DOOR)	COMPOSITE, PLENUM RATED CABLE
IM	AUDIO/VIDEO INTERCOM MASTER STATION (AXIS)	18/4 CABLE TO DOOR ACCESS PANEL
AJ	AUDIO/VIDEO INTERCOM REMOTE STATION (AXIS)	18/4 CABLE TO DOOR ACCESS PANEL
DB	DOORBELL AUDIO/VISUAL STATION	(2) #12 AWG, (1) #12 AWG GND
DB	DOORBELL PUSHBUTTON STATION	(2) #12 AWG, (1) #12 AWG GND
PS	DOOR POWER SUPPLY (LOCATE IN MDF / IDF)	(2) #12 AWG, (1) #12 AWG GND
LD	LOCK DOWN BUTTON	COMPOSITE, PLENUM RATED CABLE
SEC-A	ACCESS DOOR CONTROLLER (LOCATE IN MDF/IDF. SEE FLOOR PLANS FOR LOCATIONS)	(2) #12 AWG, (1) #12 AWG GND

- ACCESS CONTROL AND INTRUSION SYSTEM NOTES:**
1. INSTALLATION MUST BE COORDINATED WITH THE OWNER, ARCHITECT, ELECTRICAL CONTRACTOR AND DOOR HARDWARE CONTRACTOR PRIOR TO ROUGH-IN AND INSTALLATION.
 2. INSTALLATION MUST BE COORDINATED WITH ANY DOOR OPERATOR EQUIPMENT.
 3. ALL REQUIRED MODIFICATIONS TO THE DOOR FRAMES SHALL BE THE RESPONSIBILITY OF THE DIVISION 28 CONTRACTOR.
 4. EGRESS SHALL NOT BE IMPEDED BY ACCESS CONTROLS AND SHALL BE ACCOMPLISHED BY THE DOOR HARDWARE.
 5. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL POWER CIRCUITS AND RECEPTACLES FOR THE SYSTEM.
 6. DOOR HARDWARE SHALL BE PROVIDED AND INSTALLED AS PART OF THE DOOR HARDWARE CONTRACT.
 7. THE ASSOCIATED LINE DIAGRAMS PRESENTS A TYPICAL SYSTEM WIRING SCHEME. NOT ALL CONNECTIONS ARE SHOWN.
 8. ELECTRICAL CIRCUITS FEEDING THE ACCESS CONTROL SYSTEM SHALL BE DEDICATED TO THE SECURITY SYSTEM AND HAVE CIRCUIT BREAKER LOCK OFF CAPABILITY.
 9. ALL CABLING SHALL BE PLENUM RATED AND ALL WIRING SHALL BE PER MANUFACTURER'S RECOMMENDATIONS.
 10. DOOR CONTACTS SHALL BE RECESSED UNLESS OTHERWISE NOTED.
 11. CARD READER PATHWAYS SHALL BE RECESSED AND FLUSH MOUNTED IN ALL INSTANCES.
 12. SUBMITTALS AND SHOP DRAWINGS SHALL INCLUDE EXACT PRODUCT DATA CLEARLY INDICATED, SYSTEM CONNECTIONS, WIRING DIAGRAMS AND DEVICE LOCATIONS.
 13. AS-BUILT DOCUMENTATION SHALL BE SUBMITTED IN ELECTRONIC AUTOCAD AND HARDCOPY FORMAT AND SHALL INCLUDE ALL SYSTEM REVISIONS.
- DOOR HARDWARE RISERS (GENERAL NOTES)**
- A. REFER TO SPECIFICATION 087100, FINISHED HARDWARE, FOR ADDITIONAL REQUIREMENTS.
 - B. PROVIDE ALL NECESSARY ROUGH-INS, 120V POWER, AND CONNECTIONS AS REQUIRED FOR A COMPLETE AND FULLY-FUNCTIONING DOOR HARDWARE ACCESS CONTROL SYSTEM.
 - C. COORDINATE ALL REQUIRED FIRE ALARM CONNECTIONS WITH DOOR HARDWARE SPECIFICATIONS AND VENDOR. SEE FLOOR PLANS AND SPECIFICATIONS FOR LOCATIONS AND REQUIREMENTS.
 - D. COORDINATE ALL REQUIREMENTS WITH FINAL DOOR HARDWARE SPECIFICATIONS PRIOR TO ROUGH-IN.

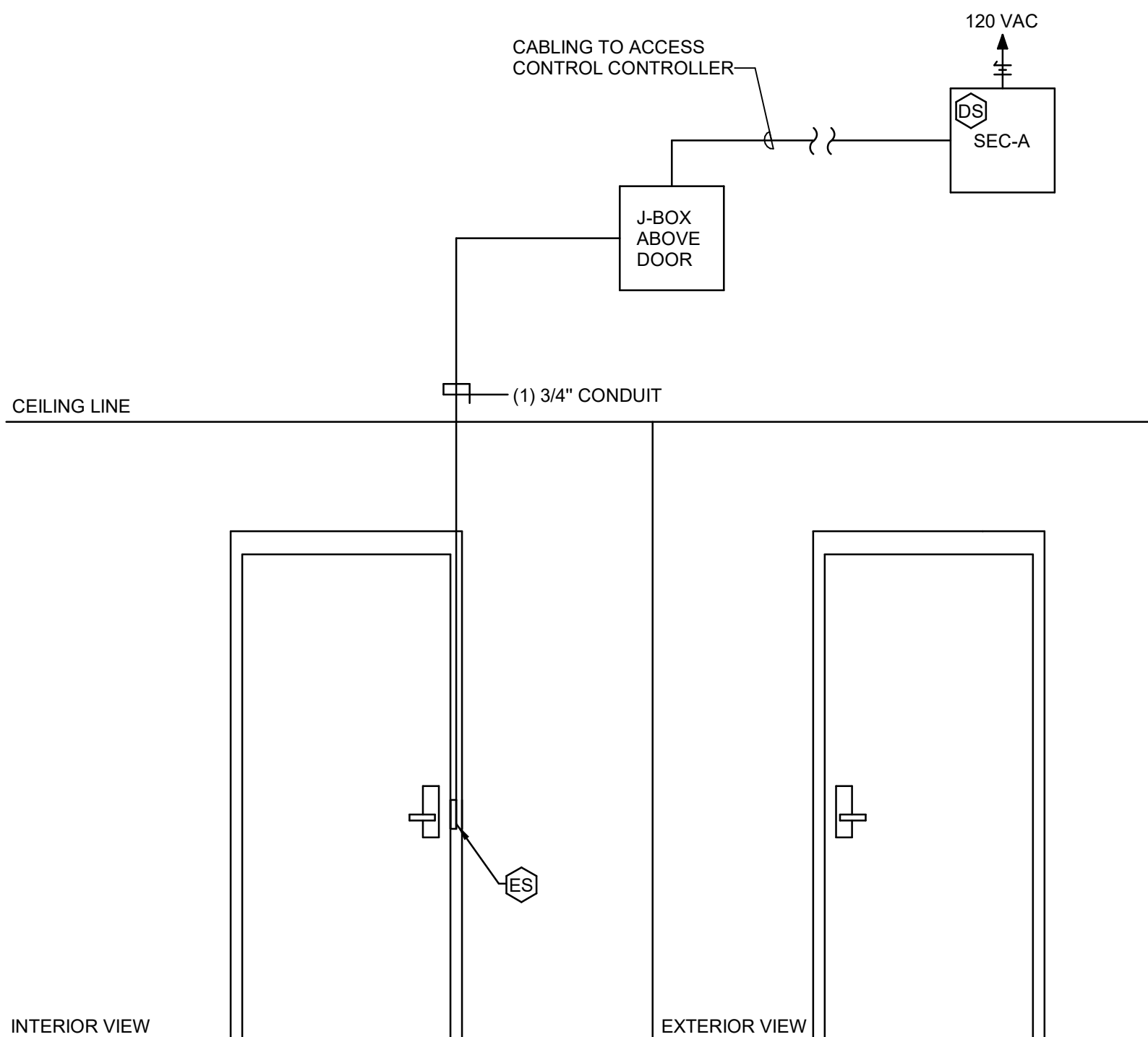
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4 DOOR 121 HARDWARE DETAIL
NO SCALE REF: C-E301

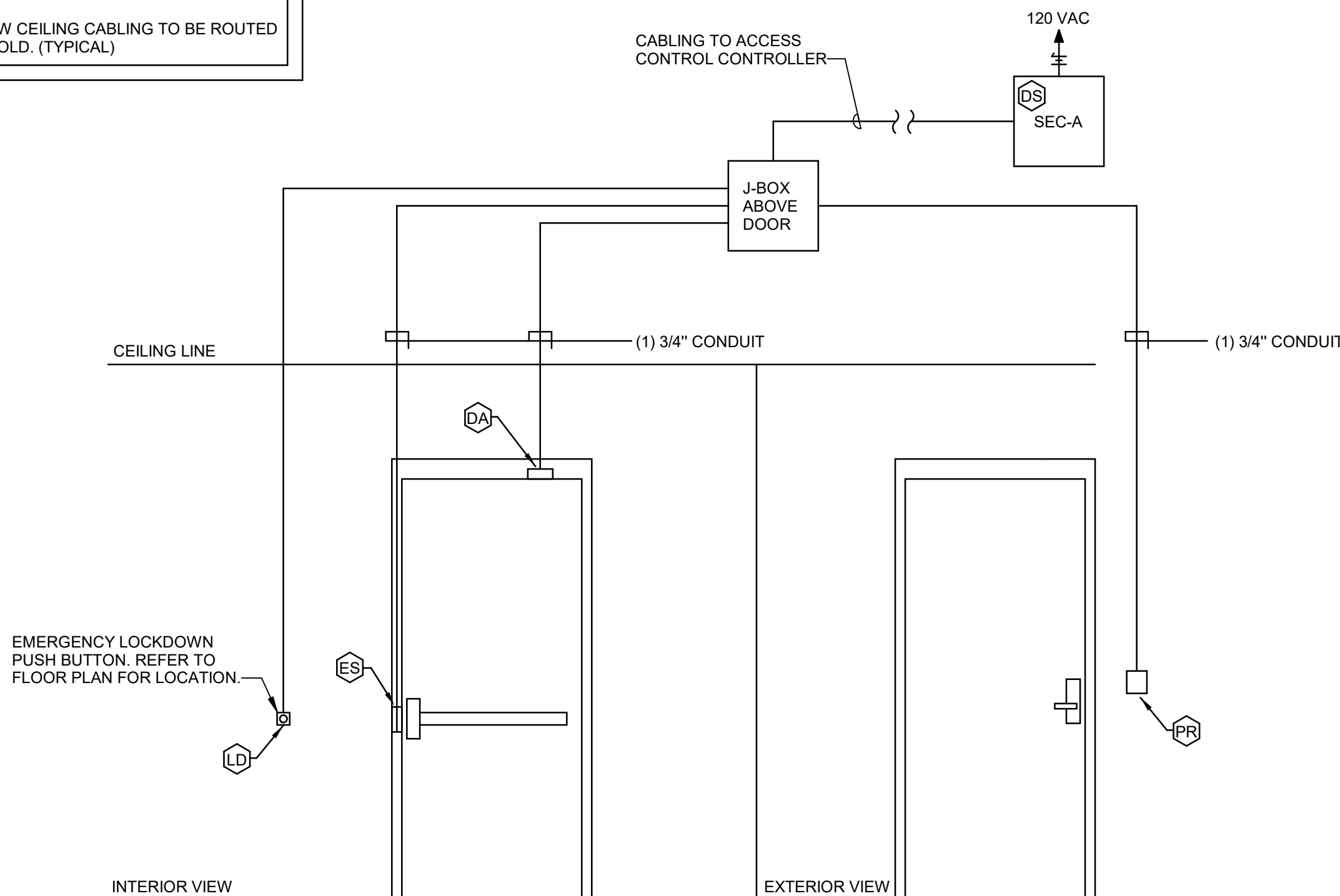


1 DOOR 116 HARDWARE DETAIL
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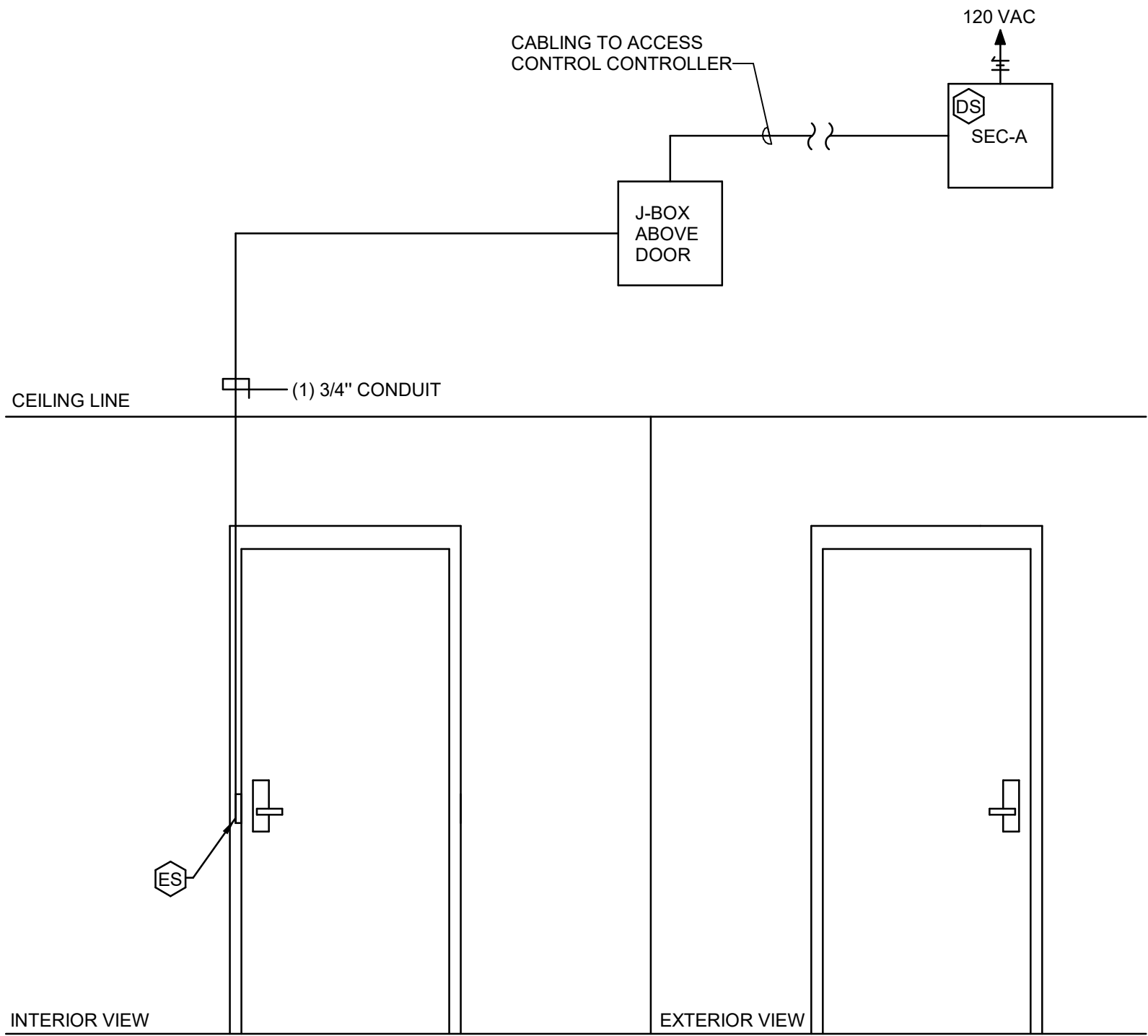


5 DOOR 122 HARDWARE DETAIL
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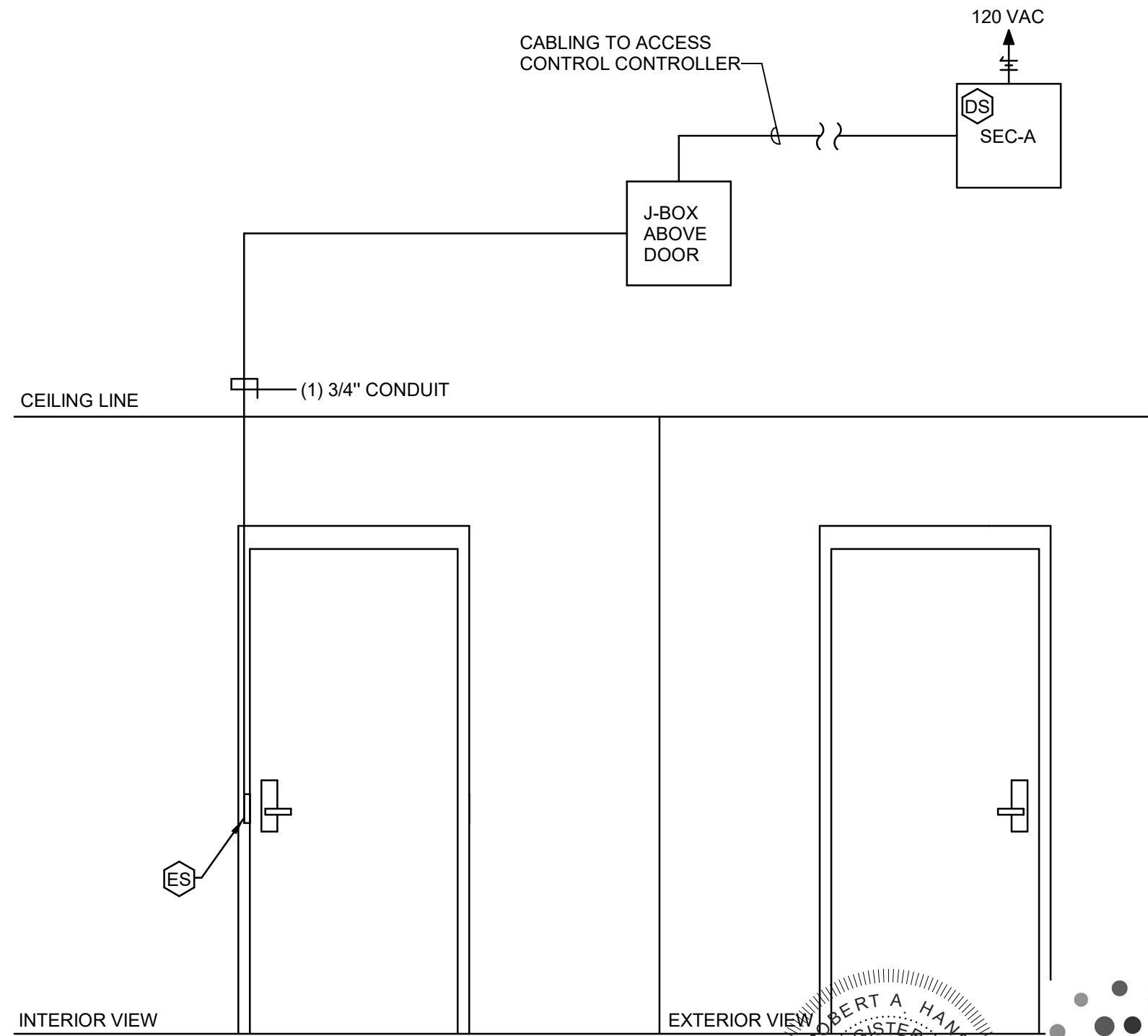
NOTE:
ALL BELOW CEILING CABLING TO BE ROUTED
IN WIREMOLD. (TYPICAL)



2 DOOR 119A HARDWARE DETAIL
NO SCALE REF: C-E301

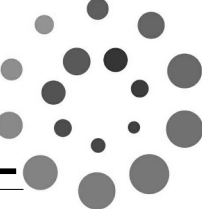


6 DOOR 123 HARDWARE DETAIL
NO SCALE REF: C-E301



3 DOOR 119B HARDWARE DETAIL
NO SCALE REF: C-E301

REGISTERED
INDIANA
PROFESSIONAL ENGINEER



CMTA
A LEGENCE Company

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DOOR DETAILS

DATE
OCTOBER 21, 2025

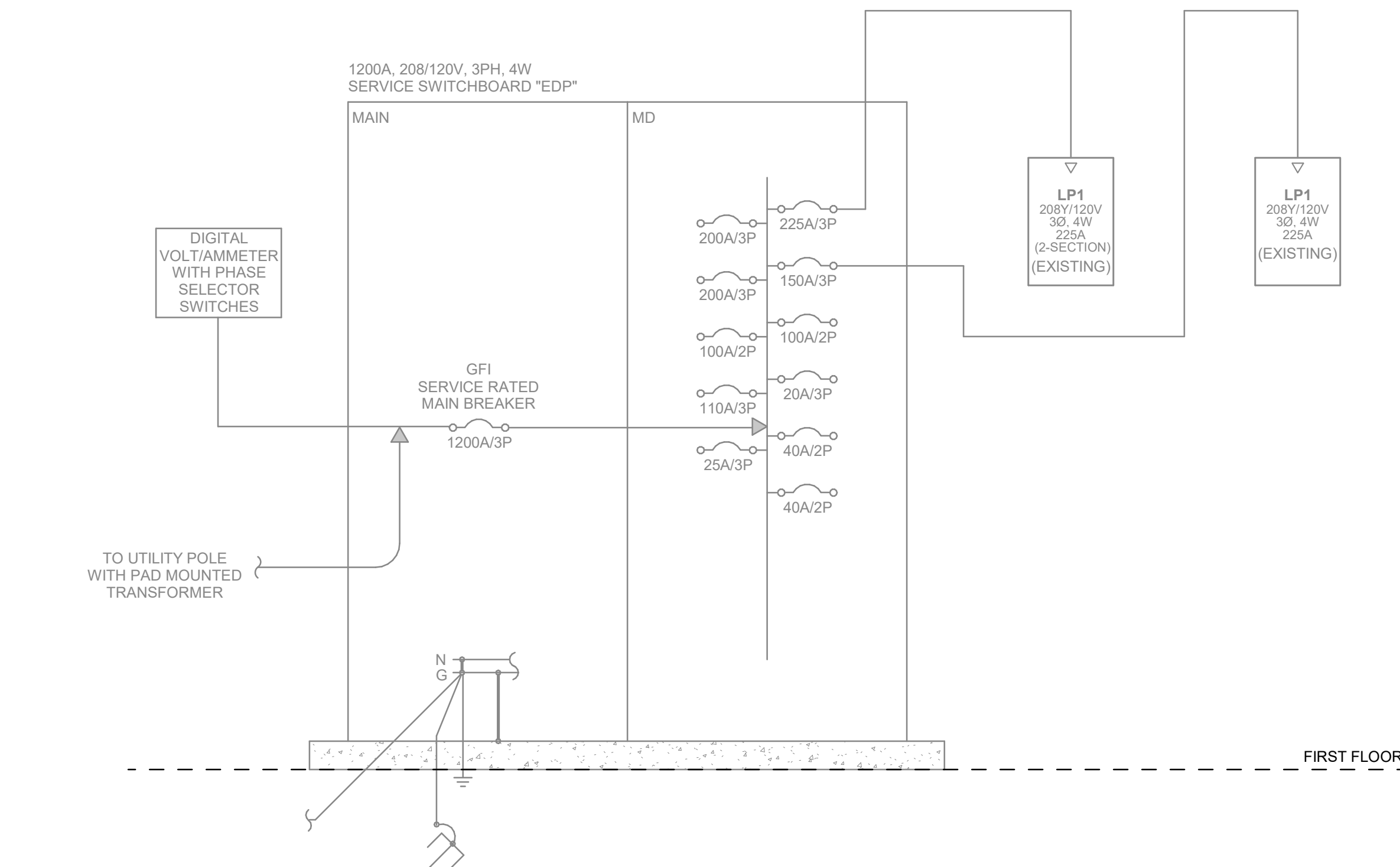
OWNER
JEFFERSONVILLE TOWNSHIP PUBLIC
LIBRARY

PROJECT TITLE
2025 JEFFERSONVILLE + CLARKSVILLE
LIBRARY IMPROVEMENTS

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DATE

SHEET NUMBER
C-E404
25-196.000

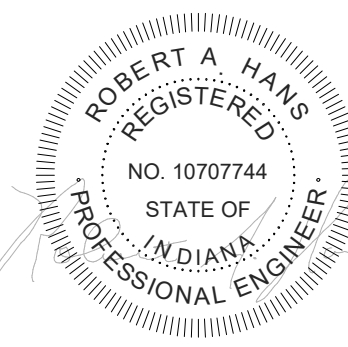
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1 ELECTRICAL DISTRIBUTION RISER DIAGRAM
NO SCALE

GENERAL NOTES (RISER):

- PROVIDE ENGRAVED LAMACOID LABELS FOR ALL POWER DISTRIBUTION EQUIPMENT FURNISHED OR MODIFIED IN THIS PROJECT, LABELS PER DETAILS AND SPECIFICATIONS.
- SERVICE EQUIPMENT SHALL BE MARKED WITH THE MAXIMUM AVAILABLE FAULT-CURRENT AT THE EQUIPMENT AND THE DATE THE CALCULATION WAS PERFORMED. APPLY A TYPE-WRITTEN ADHESIVE LABEL WITH WHITE BACKGROUND, 1/2" HIGH BLACK LETTERING.
- CONTRACTOR SHALL INSTALL SEPARATE CONDUITS, PULL BOXES, ETC. FOR EACH EMERGENCY POWER BRANCH & NORMAL POWER PER NEC FOR COMPLETE SEPARATION OF POWER SERVICES.
- ALL CIRCUIT BREAKERS AND/OR DISCONNECTS SERVING THE PRIMARY SIDE OF A TRANSFORMER WHICH ARE NOT WITHIN SITE OF THE TRANSFORMER SHALL BE PROVIDED WITH PERMANENTLY INSTALLED MEANS TO LOCK THE BREAKER IN THE OFF POSITION. SUCH TRANSFORMERS SHALL HAVE THE ROOM NAME AND NUMBER OF THE PRIMARY DISCONNECTING MEANS ENGRAVED ON THE EQUIPMENT NAMEPLATE.
- REFER TO SPECIFICATIONS FOR ARC FLASH AND RELATED POWER SYSTEM STUDY REQUIREMENTS.



SHEET TITLE
ELECTRICAL DISTRIBUTION RISER
DIAGRAM

SHEET NUMBER
C-E601
25-196.000

DATE
OCTOBER 21, 2025

OWNER
JEFFERSONVILLE TOWNSHIP PUBLIC
LIBRARY

PROJECT TITLE
2025 JEFFERSONVILLE + CLARKSVILLE
LIBRARY IMPROVEMENTS

1312 EASTERN BLVD.
CLARKSVILLE, IN 47129

ISSUED FOR

DATE



Sanitary / Vent Riser Diagram

ABBREVIATIONS	
AFF	ABOVE FINISHED FLOOR
BFF	BELOW FINISHED FLOOR
CI	CAST IRON
CO	CLEANOUT
CW	COLD WATER
ET	EXPANSION TANK
ECO	EXTERIOR CLEANOUT
FD	FLOOR DRAIN
FS	FLOOR SINK
FPWH	FREEZE PROOF WALL HYDRANT
FPRH	FREEZE PROOF ROOF HYDRANT
NTS	NOT TO SCALE
OR	OPEN RECEPTACLE
PC	PLUMBING CONTRACTOR
PVC	POLYVINYL CHLORIDE
RD	ROOF DRAIN
TYP	TYPICAL
VTR	VENT THROUGH ROOF

PLUMBING FIXTURE SCHEDULE				
DESIGNATOR	FIXTURE	CW	HW	VENT SAN
CP-1	WATER CLOSET - FLOOR MOUNTED - MANUAL FLUSH VALVE	1-1/4"	-	2" 4"
CP-1A	WATER CLOSET - FLOOR MOUNTED - MANUAL FLUSH VALVE - ADA COMPLIANT	1-1/4"	-	2" 4"
CP-2	LAVATORY - WALL HUNG - ADA COMPLIANT	1/2"	1/2"	2" 2"
CP-3	EXISTING UNDERMOUNT SINK BOWL - NEW MANUAL TWO LEVER FAUCET	1/2"	1/2"	2" 2"
FD-1	FLOOR DRAIN	-	-	1-1/2" 3

- SCHEDULE NOTES:**
- PIPE SIZES ARE AS INDICATED OTHERWISE NOTED ON FLOOR PLANS AND RISER DIAGRAMS.
 - MINIMUM 2" SANITARY PIPING UNDERGROUND. PROVIDE ALL REQUIRED PIPING TO FIXTURES INDICATED ON THE FLOOR PLANS, "P-X" DESIGNATION. PROVIDE PIPING OF SIZE INDICATED IN THIS SCHEDULE.
 - PIPE ALL EQUIPMENT (SUPPLIED BY OTHERS) AS REQUIRED TO OBTAIN A FULL AND OPERATIONAL SYSTEM. PROVIDE BACKFLOW PROTECTION AS/IF REQUIRED BY THE DETAILS AND BY THE INDIANA PLUMBING CODE.
 - ALL EQUIPMENT SHALL BE CONNECTED PER THE MANUFACTURER'S REQUIREMENTS. THE PLUMBING CONTRACTOR SHALL ALSO INSTALL ANY DRAIN PIPING CONNECTIONS AND SPILL INDIRECTLY TO EITHER AN OPEN RECEPTACLE OR FLOOR DRAIN. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION OF ALL EQUIPMENT.

VALVE SYMBOL LEGEND	
	TWO-WAY CONTROL VALVE
	THREE-WAY CONTROL VALVE
	AUTOMATIC AIR VENT (AAV)
	MANUAL AIR VENT (MAV)
	MANUAL BALANCING VALVE (BV)
	BALL VALVE
	BUTTERFLY VALVE
	TRIPLE DUTY VALVE (TDV)
	STRAINER
	MANUAL ISOLATION VALVE
	GLOBE VALVE
	OS&Y (GATE) VALVE
	PRESSURE REDUCING VALVE (STEAM, GAS, WATER, ETC.)
	AUTO-FLOW CONTROL VALVE
	CHECK VALVE
	DOUBLE CHECK VALVE ASSEMBLY

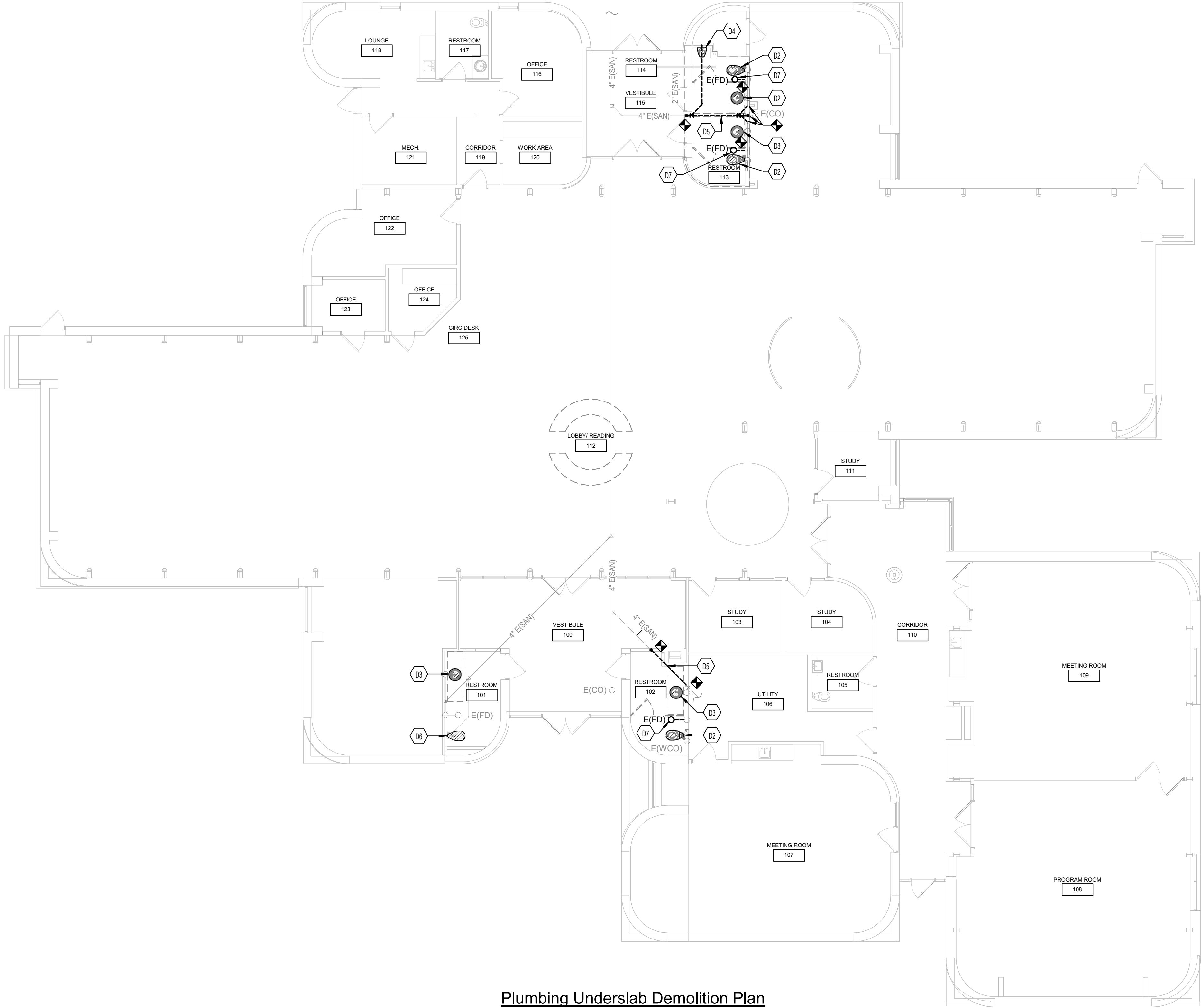
PLUMBING SYMBOL LEGEND	
	FLEXIBLE PIPE CONNECTION
	FLOW METER (VENTURI)
	PIPING UNION
	FLOW SWITCH
	PRESSURE SWITCH
	TAMPER SWITCH
	THERMOMETER
	PETE'S PLUG; TEMPERATURE/PRESSURE PORT

GENERAL SYMBOLS	
	TAGGED NOTE DESIGNATOR
	REVISION TRIANGLE
	EQUIPMENT TAG
	POINT OF CONNECTION / CONNECT TO EXISTING
	POINT OF DEMOLITION
	PIPING TO BE DEMOLISHED - (XXX) DENOTES SYSTEM
	EXISTING PIPING - (XXX) DENOTES SYSTEM
	NEW PIPING - (XXX) DENOTES SYSTEM

PLUMBING PIPING LEGEND	
	PIPE ELBOW TURNING UP
	PIPE ELBOW TURNING DOWN
	PIPE TEE: CONNECTION ON TOP
	PIPE TEE: CONNECTION ON BOTTOM
	PIPE CAP
	CONDENSATE DRAIN
	DOMESTIC COLD WATER (DCW)
	DOMESTIC HOT WATER (DHW)
	RECIRCULATED DOMESTIC HOT WATER (DHR)
	SANITARY
	SANITARY VENT

PLUMBING GENERAL NOTES

- A EACH CONTRACTOR, SUPPLIER AND OR MANUFACTURER SHALL REFER TO ALL DOCUMENTS PERTAINING TO THIS PROJECT AND COORDINATE ACCORDINGLY SO AS TO ENSURE ADEQUACY OF FIT, COMPLIANCE WITH SPECIFICATIONS, PROPER VOLTAGE AND CURRENT CHARACTERISTICS AND AVOID CONFLICT WITH ANY OTHER BUILDINGS SYSTEMS. VERIFY SAME WITH SHOP DRAWINGS.
- B PLANS ARE DIAGRAMMATIC. NOT ALL OFFSETS, TURNS, FITTINGS, TRIM, DETAIL, ETC., MAY NOT BE INDICATED, BUT SHALL BE PROVIDED AS REQUIRED. ADDITIONAL ALLOWANCES SHALL BE INCLUDED FOR SAME AT EACH PROPOSER'S DISCRETION.
- C INSTALL NO PIPING, CONDUIT, DUCTWORK, ETC., IN A LOCATION OR IN A MANNER WHICH WILL ALLOW FREEZING AND/OR THE COLLECTION OF CONDENSATION THEREON.
- D OBSERVE ALL APPLICABLE CODES, RULES AND REGULATIONS (CITY, COUNTY, LOCAL, STATE, FEDERAL, MUNICIPALITY, UTILITY COMPANY, OSHA, ETC.)
- E ALL SYSTEMS, EQUIPMENT AND MATERIALS ARE TO BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER. WORK NOT DONE SO SHALL BE REMOVED AND REINSTALLED SATISFACTORILY.
- F WHERE MOUNTING HEIGHTS ARE NOT INDICATED OR ARE IN CONFLICT WITH ANY OTHER BUILDING SYSTEM, CONTACT THE ENGINEERS BEFORE INSTALLATION. REFER ALSO TO ARCHITECTURAL INTERIOR AND EXTERIOR WALL ELEVATIONS, CEILING HEIGHTS AND OTHER DETAIL OF THESE DOCUMENTS.
- G DO NOT SCALE FROM DRAWINGS. PRINTING DISTORTS SCALE. WORK SHALL BE LAID OUT FROM DIMENSIONED DRAWINGS, OR DIMENSIONS SUPPLIED TO THE CONTRACTOR.
- H THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING REQUIRED FOR HIS WORK. ALL CUTTING AND PATCHING SHALL MATCH EXISTING ADJACENT SURFACES AND BE IN ACCORD WITH OWNER STANDARDS FOR SUCH WORK.
- I THESE DRAWINGS ARE ACCURATE TO THE BEST OF OUR KNOWLEDGE, HOWEVER LOCATIONS, DEPTHS, ELEVATIONS AND SIZES WERE TAKEN FROM DIFFERENT SOURCES AND ARE SUBJECT TO DEVIATION. THE CONTRACTOR SHALL ASSUME SOME DEVIATIONS AND INCLUDE OFFSETS, ADDITIONAL PIPING, ETC AT THE TIME OF BID.
- J WHERE PENETRATING ROOFING MEMBRANE OR OTHER MATERIALS USED FOR WEATHERPROOFING THE BUILDING, MAKE SUCH PENETRATIONS IN A WAY THAT WILL NOT VOID OR DIMINISH THE ROOFING WARRANTY OR INTEGRITY IN ANY WAY. COORDINATE ALL SUCH PENETRATIONS WITH THE ROOFING INSTALLER.
- K ADVISE THE ENGINEERS OF ANY CONFLICTS, ERRORS, OMISSIONS, ETC. AT LEAST TEN DAYS PRIOR TO BID DATE, TO ALLOW CLARIFICATION BY WRITTEN ADDENDUM.
- L COORDINATE THE LOCATION OF DRAINS, ELECTRICAL OUTLETS, ETC. WITH ALL MECHANICAL ROOM EQUIPMENT, ETC. PRIOR TO COMMENCING INSTALLATION. WORK NOT SO COORDINATED SHALL BE REMOVED AND PROPERLY INSTALLED AT THE EXPENSE OF THE RESPONSIBLE CONTRACTOR(S).
- M THE PURPOSE AND INTENT OF ALL THE DOCUMENTS PERTAINING TO THIS PROJECT IS TO PROVIDE A COMPLETE, FUNCTIONAL, SAFE, NEW FACILITY. ANYTHING LESS SHALL BE UNACCEPTABLE.
- N ANY VIBRATING, OSCILLATING OR OTHER NOISE OR MOTION PRODUCING EQUIPMENT SHALL BE ISOLATED FROM SURROUNDING SYSTEMS IN AN APPROVED MANNER. NOISY OR STRUCTURALLY DAMAGING INSTALLATIONS SHALL BE SATISFACTORILY REPLACED OR REPAIRED AT THE INSTALLING CONTRACTOR'S EXPENSE. THE FINAL DECISION ON THE SUITABILITY OF A PARTICULAR INSTALLATION'S ACCEPTABILITY SHALL BE THAT OF THE ENGINEER.
- O INSTALL EQUIPMENT, MATERIALS, ETC. IN STRICT ACCORD WITH MANUFACTURER'S RECOMMENDATIONS AND DIRECTIONS. IF IN CONFLICT WITH THE DESIGN INDICATED IN CONTRACT DOCUMENTS, ADVISE THE ENGINEERS PRIOR TO INSTALLATION FOR CLARIFICATION.
- P ALL SUPPORTS FOR EQUIPMENT, DEVICES OR FIXTURES SHALL BE UNIQUE, FROM THE BUILDING STRUCTURE. DO NOT SUPPORT WORK FROM OTHER TRADES, EQUIPMENT OR SUPPORTS WITHOUT WRITTEN PERMISSION FROM THE ENGINEER AND CONSENT OF THE OTHER TRADE. IN WRITING. DO NOT SUPPORT EQUIPMENT FROM WALLS OR PARTITIONS.
- Q DEVIATIONS IN SIZE, CAPACITIES, FIT, FINISH, ETC. FOR EQUIPMENT FROM THAT PRIME SPECIFIED SHALL BE THE RESPONSIBILITY OF THE PURCHASER OF THAT EQUIPMENT. ANY PROVISIONS REQUIRED TO ACCOMMODATE A DEVIATION, WHETHER APPROVED BY THE ENGINEERS OR NOT, SHALL BE THE RESPONSIBILITY OF THE PURCHASER.
- R THE GENERAL CONTRACTOR FOR THIS CONSTRUCTION IS RESPONSIBLE FOR THE COORDINATION, APPEARANCE, SCHEDULING AND TIMELINESS OF THE WORK OF ALL TRADES, CONTRACTORS, SUPPLIERS, INSTALLERS, ETC. EACH TRADE SHALL COORDINATE THEIR WORK WITH OTHER TRADES AND THE GENERAL CONTRACTOR.
- S ENSURE PROPER COORDINATION BETWEEN ALL TRADES SUCH THAT CONDUITS, PIPING, DUCTWORK, ETC. DO NOT BLOCK ACCESS TO VALVES, EQUIPMENT, DUCT ACCESS DOORS, ETC. ITEMS THAT HAVE BEEN INSTALLED WHERE ACCESS IS COMPROMISED SHALL BE RELOCATED AT THE CONTRACTOR'S EXPENSE.
- T PATCH HOLES IN WALLS, FLOORS, CEILINGS, ROOFS, ETC. TO MATCH ADJACENT SURFACES AS A RESULT OF REMOVAL OF MECHANICAL SYSTEMS. PATCHING SHALL BE PERFORMED BY QUALIFIED TRADESMAN.
- U ANY VALVES USED FOR TESTING PURPOSES THAT ARE NOT SHOWN ON THESE DRAWINGS MUST MINIMALLY MEET THE QUALITY AND PERFORMANCE OF THE VALVES LISTED IN THE SPECIFICATIONS AND BE PROVIDED AT THE EXPENSE OF THE CONTRACTOR.



Plumbing Underslab Demolition Plan
1/8" = 1'-0"

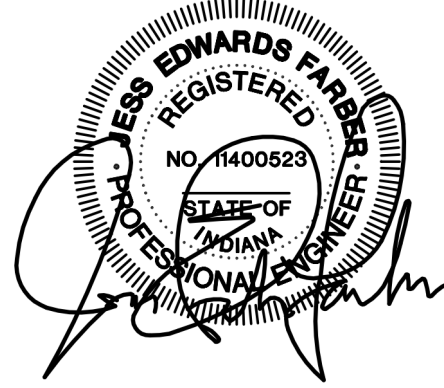
TAGGED NOTES

- D2 EXISTING PLUMBING FIXTURE TO BE REMOVED COMPLETELY. EXISTING PLUMBING CONNECTIONS TO BE TEMPORARILY CAPPED.
- D3 EXISTING UNDERMOUNT SINK TO BE REMOVED AND REINSTALLED IN NEW CONSTRUCTION. EXISTING FAUCET TO BE REMOVED COMPLETELY AND REPLACED.
- D4 EXISTING PLUMBING FIXTURE TO BE REMOVED COMPLETELY. ALL EXISTING PLUMBING CONNECTIONS TO BE CAPPED PERMANENTLY.
- D5 EXISTING UNDERSLAB SANITARY PIPING IN THE FOOTPRINT OF BATHROOM SLAB WORK TO BE REMOVED COMPLETELY.
- D6 EXISTING TOILET TO BE REMOVED AND REINSTALLED FOR SLAB WORK.
- D7 EXISTING FLOOR DRAIN TO BE REMOVED COMPLETELY AND REPLACED.

NOTE: SOME OF THE PLUMBING FIXTURES ARE TO BE REMOVED AND REINSTALLED. CONTRACTOR IS RESPONSIBLE FOR KEEPING CLEAN AND PROTECTED. THE FIXTURES ARE TO BE CLEANED AFTER REINSTALLATION

GENERAL NOTES - DEMOLITION

- A INACCESSIBLE PIPING BURIED IN EXISTING WALLS REMAINING AND CONCRETE SLABS MAY BE ABANDONED IN PLACE.
- B PATCH HOLES IN WALLS, FLOORS, CEILINGS, ROOFS, ETC. TO MATCH ADJACENT SURFACES AS A RESULT OF MECHANICAL SYSTEMS. PATCH SHALL BE PERFORMED BY QUALIFIED TRADESMAN. PAINT ALL WALLS FROM CORNER TO CORNER TO MATCH ADJACENT CONDITIONS.
- C WHERE WORK IS REQUIRED ABOVE EXISTING CEILINGS AND/OR OUTSIDE OF WORKSCOPE AREA, THIS CONTRACTOR SHALL BE RESPONSIBLE FOR CUT, PATCH, REMOVAL, AND REINSTALLATION (OR REPLACEMENT IF DAMAGED) OF ALL CEILINGS TILES, HARD CEILINGS, AND GRID MEMBERS NECESSARY TO PERFORM THE WORK. THIS SHALL BE PERFORMED AT THIS CONTRACTOR'S EXPENSE.
- D MECHANICAL CONTRACTOR SHALL CLEAN UP CONSTRUCTION DEBRIS DURING AND AFTER MECHANICAL EQUIPMENT DEMOLITION.
- E MECHANICAL CONTRACTOR SHALL DISPOSE OF DEMOLISHED MECHANICAL EQUIPMENT AND COORDINATE WITH THE CONSTRUCTION MANAGER.
- F PRIOR TO START OF DEMOLITION WORK, MECHANICAL CONTRACTOR SHALL VERIFY WITH ELECTRICAL CONTRACTOR THAT POWER FEEDS AND CONTROL WIRING HAVE BEEN DISCONNECTED AND LOCKED OUT FROM MECHANICAL EQUIPMENT WHICH IS TO BE REMOVED.
- G MECHANICAL CONTRACTOR SHALL REPAIR OR REPLACE ANY DUCT OR PIPING INSULATION DAMAGED DURING DEMOLITION WORK. WITHIN ALL AREAS OF WORK, ALL INSULATION MISSING OR DAMAGED SHALL BE REPAIRED OR REPLACED FOR ALL EXISTING SYSTEMS.
- H WHERE DUCT WORK OR PIPING IS REMOVED TO A MAIN, CAP AT MAIN AIRTIGHT. FIELD VERIFY EXACT CONDITIONS. PROVIDE ALL MATERIALS AS REQUIRED. PROVIDE NEW ISOLATIONS VALVES AT MAINS AS REQUIRED. OR EVERYWHERE NEW WORK TIES INTO EXISTING, AS A STANDARD FOR THE PROJECT. FIELD VERIFY EXACT EXTENT OF WORK PRIOR TO BID.
- I REMOVE ALL EXISTING ABANDONED PIPING ABOVE CEILINGS COMPLETELY INCLUDING ALL HANGERS, INSULATION, VALVES, ETC. CAP ALL AT MAINS AS REQUIRED.
- J REMOVE ALL EXISTING ABANDONED DUCT/WORK ABOVE CEILINGS COMPLETELY INCLUDING ALL HANGERS, INSULATION, VALVES, ETC. CAP ALL AT MAINS AS REQUIRED.



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PROJECT TITLE
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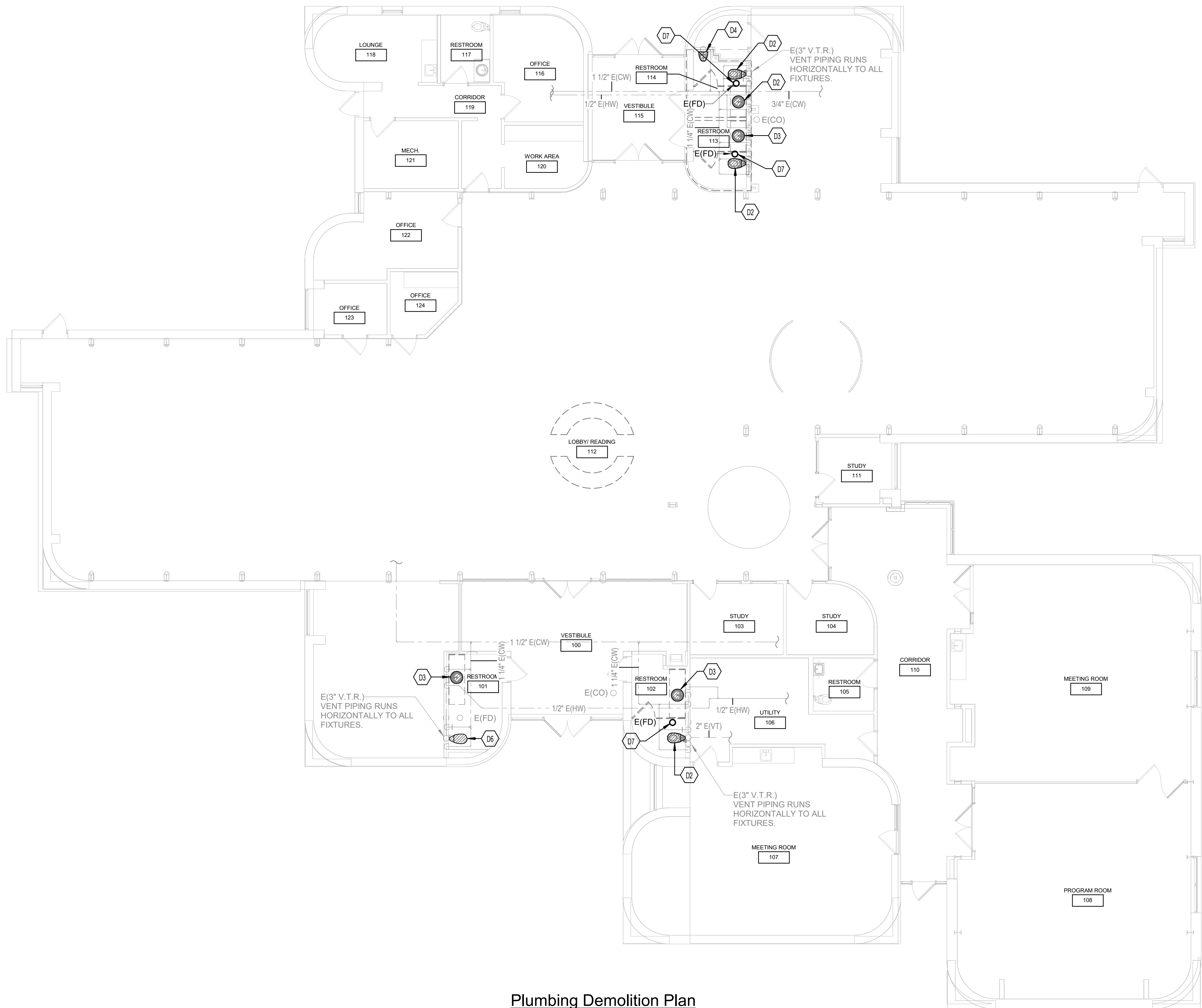
1312 EASTERN BLVD.
CLARKSVILLE, IN
47129

SHEET TITLE
PLUMBING UNDERSLAB DEMOLITION
PLAN

DATE
OCTOBER 21, 2025

SHEET NUMBER
C-P200
25-196.000





Plumbing Demolition Plan
1/8" = 1'-0"

TAGGED NOTES

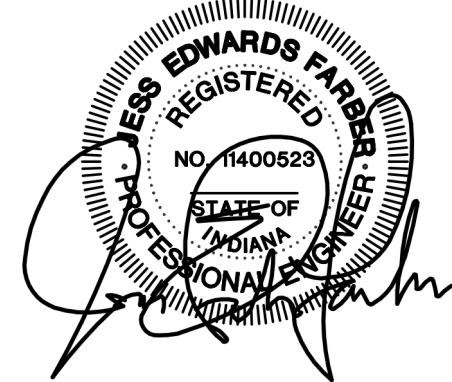
- D2 EXISTING PLUMBING FIXTURE TO BE REMOVED COMPLETELY. EXISTING PLUMBING CONNECTIONS TO BE TEMPORARILY CAPPED. EXISTING UNDERMOUNT SINK TO BE REMOVED AND REINSTALLED IN NEW CONSTRUCTION. EXISTING FAUCET TO BE REMOVED COMPLETELY AND REPLACED.
- D4 EXISTING PLUMBING FIXTURE TO BE REMOVED COMPLETELY. ALL EXISTING PLUMBING CONNECTIONS TO BE CAPPED PERMANENTLY.
- D6 EXISTING TOILET TO BE REMOVED AND REINSTALLED FOR SLAB WORK.
- D7 EXISTING FLOOR DRAIN TO BE REMOVED COMPLETELY AND REPLACED.

NOTE: SOME OF THE PLUMBING FIXTURES ARE TO BE REMOVED AND REINSTALLED. CONTRACTOR IS RESPONSIBLE FOR KEEPING CLEAN AND PROTECTED. THE FIXTURES ARE TO BE CLEANED AFTER REINSTALLATION

#

GENERAL NOTES - DEMOLITION

- A INACCESSIBLE PIPING BURIED IN EXISTING WALLS REMAINING AND CONCRETE SLABS MAY BE ABANDONED IN PLACE.
- B PATCH HOLES IN WALLS, FLOORS, CEILINGS, ROOFS, ETC. TO MATCH ADJACENT SURFACES AS A RESULT OF MECHANICAL SYSTEMS. PATCH SHALL BE PERFORMED BY QUALIFIED TRADESMAN. PAINT ALL WALLS FROM CORNER TO CORNER TO MATCH ADJACENT CONDITIONS.
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- F PRIOR TO START OF DEMOLITION WORK, MECHANICAL CONTRACTOR SHALL VERIFY WITH ELECTRICAL CONTRACTOR THAT POWER FEEDS AND CONTROL WIRING HAVE BEEN DISCONNECTED AND LOCKED OUT FROM MECHANICAL EQUIPMENT WHICH IS TO BE REMOVED.
- G MECHANICAL CONTRACTOR SHALL REPAIR OR REPLACE ANY DUCT OR PIPING INSULATION DAMAGED DURING DEMOLITION WORK. WITHIN ALL AREAS OF WORK, ALL INSULATION MISSING OR DAMAGED SHALL BE REPAIRED OR REPLACED FOR ALL EXISTING SYSTEMS.
- H WHERE DUCT WORK OR PIPING IS REMOVED TO A MAIN, CAP AT MAIN AIRTIGHT. FIELD VERIFY EXACT CONDITIONS. PROVIDE ALL MATERIALS AS REQUIRED. PROVIDE NEW ISOLATIONS VALVES AT MAINS AS REQUIRED. OR EVERYWHERE NEW WORK TIES INTO EXISTING, AS A STANDARD FOR THE PROJECT. FIELD VERIFY EXACT EXTENT OF WORK PRIOR TO BID.
- I REMOVE ALL EXISTING ABANDONED PIPING ABOVE CEILINGS COMPLETELY INCLUDING ALL HANGERS, INSULATION, VALVES, ETC. CAP ALL AT MAINS AS REQUIRED.
- J REMOVE ALL EXISTING ABANDONED DUCTWORK ABOVE CEILINGS COMPLETELY INCLUDING ALL HANGERS, INSULATION, VALVES, ETC. CAP ALL AT MAINS AS REQUIRED.



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PROJECT TITLE
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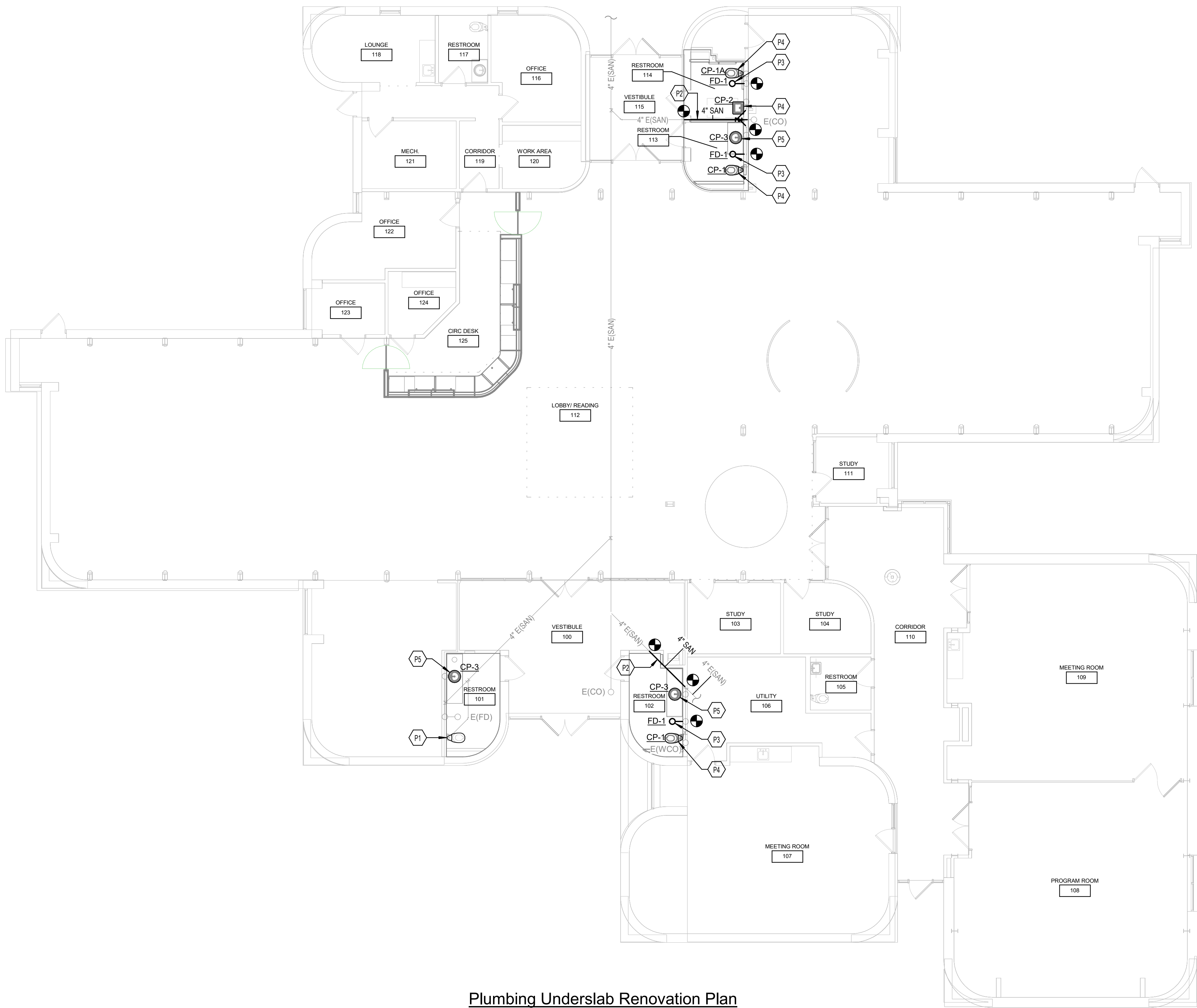
SHEET TITLE
PLUMBING DEMOLITION PLAN

DATE
OCTOBER 21, 2025

SHEET NUMBER
C-P201
25-196.000



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Plumbing Underslab Renovation Plan
1/8" = 1'-0"

TAGGED NOTES

- P1 EXISTING TOILET TO BE RESET AND RECONNECTED.
P2 NEW UNDERSLAB SANITARY PIPING TO BE INSTALLED INSIDE FOOTPRINT OF BATHROOM SLAB WORK. CONNECT TO ALL EXISTING SANITARY PIPING OUTSIDE AREA OF WORK.
P3 PROVIDE AND INSTALL NEW FLOOR DRAIN IN SLAB. CONNECT TO EXISTING VENT PIPING.
P4 PROVIDE AND INSTALL NEW PLUMBING FIXTURE. RECONNECT TO EXISTING PIPING FROM REMOVED FIXTURE. ADJUST AND EXTEND EXISTING PIPING AS REQUIRED FOR ANY ADJUSTED LOCATIONS.
P5 REINSTALL EXISTING UNDERMOUNT SINK. PROVIDE AND INSTALL NEW FAUCET AS INDICATED IN SCHEDULE. ADJUST AND EXTEND EXISTING PIPING AS REQUIRED FOR ANY ADJUSTED LOCATIONS.

#



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LIBRARY

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CLARKSVILLE, IN
47129

SHEET TITLE
PLUMBING UNDERSLAB RENOVATION
PLAN

DATE
OCTOBER 21, 2025

SHEET NUMBER
C-P300
25-196.000



1/8" = 1'-0"

- P1 EXISTING TOILET TO BE RESET AND RECONNECTED.
- P3 PROVIDE AND INSTALL NEW FLOOR DRAIN IN SLAB, CONNECT TO EXISTING VENT PIPING.
- P4 PROVIDE AND INSTALL NEW PLUMBING FIXTURE. RECONNECT TO EXISTING PIPING FROM REMOVED FIXTURE. ADJUST AND EXTEND EXISTING PIPING AS REQUIRED FOR ANY ADJUSTED LOCATIONS.
- P5 REINSTALL EXISTING UNDERMOUNT SINK. PROVIDE AND INSTALL NEW FAUCET AS INDICATED IN SCHEDULE. ADJUST AND EXTEND EXISTING PIPING AS REQUIRED FOR ANY ADJUSTED LOCATIONS.
- P6 EXISTING HOSE BIB TO REMAIN.

ES

- A THE ENTIRE BUILDING IS 100% COVERED WITH A WET FIRE PROTECTION SYSTEM DESIGNED IN ACCORDANCE WITH NFPA 13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE NEW CEILING LAYOUT. THE SYSTEM SHOULD BE DESIGNED AS LIGHT HAZARD (GROUP 1) UNLESS NOTED.
- B PROVIDE FIRE PROTECTION FOR THE CONTRACTOR SHALL OBTAIN AND UTILIZE THE ARCHITECTURAL REFLECTED CEILING PLAN FOR LAYING OUT THE SPRINKLER HEADS. THE REFLECTED CEILING PLAN SHALL BE USED TO DETERMINE THE LOCATION OF THE SPRINKLER HEADS. REFER TO THE MECHANICAL AND ELECTRICAL DRAWINGS FOR CEILING DEVICE LOCATIONS. REFER TO SPECIFICATIONS FOR COORDINATION OF THE SPRINKLER SYSTEM.
- C UTILIZE QUICK RESPONSE HEADS, BUT DO NOT USE THE DESIGN REDUCTION FOR THE QUICK HEADS WHEN DOING THE CALCULATIONS.
- D INSTALL ALL PIPING AT LEAST 12" ABOVE FINISHED CEILING ELEVATION TO ALLOW FOR SUITABLE ACCESS TO ABOVE CEILING.
- E RUN NO SPRINKLER MAINBRANCH PIPES OVER LIGHT FIXTURES. BRANCHES TO SPRINKLER HEADS MAY BE OVER LIGHT FIXTURES. WILL HAVE TO BE RELOCATED, BY THE CONTRACTOR, IF IT COULD HAVE BEEN INSTALLED INSTEAD. THIS WILL BE UP TO THE DISCRETION OF THE CONTRACTOR.
- F FLEXIBLE HOSE SHALL BE INSTALLED IN ACCORDANCE WITH REQUIREMENTS OF THE LISTING INCLUDING INSTALLATION OF THE SPRINKLER HEAD. THE CONTRACTOR SHALL PROVIDE THE LISTING DOCUMENTATION AND INSTALLATION INSTRUCTIONS AT THE GEA SURVEY. FLEXIBLE HOSE EXCEEDING 6FT IN LENGTH SERVING SPRINKLER HEADS IN SUBIRGAS SHALL BE INSTALLED WITH THE HOSE ATTACHED TO THE STRUCTURE TO LIMIT THE MAXIMUM UNSUPPORTED LENGTH TO 60 FT.
- G THE CONTRACTOR SHALL PROVIDE 1/2" ALBE CONCRETE OR HOVER PLATES TO MATCH THE CEILING FLOOR.



DATE _____

PROJECT TITLE
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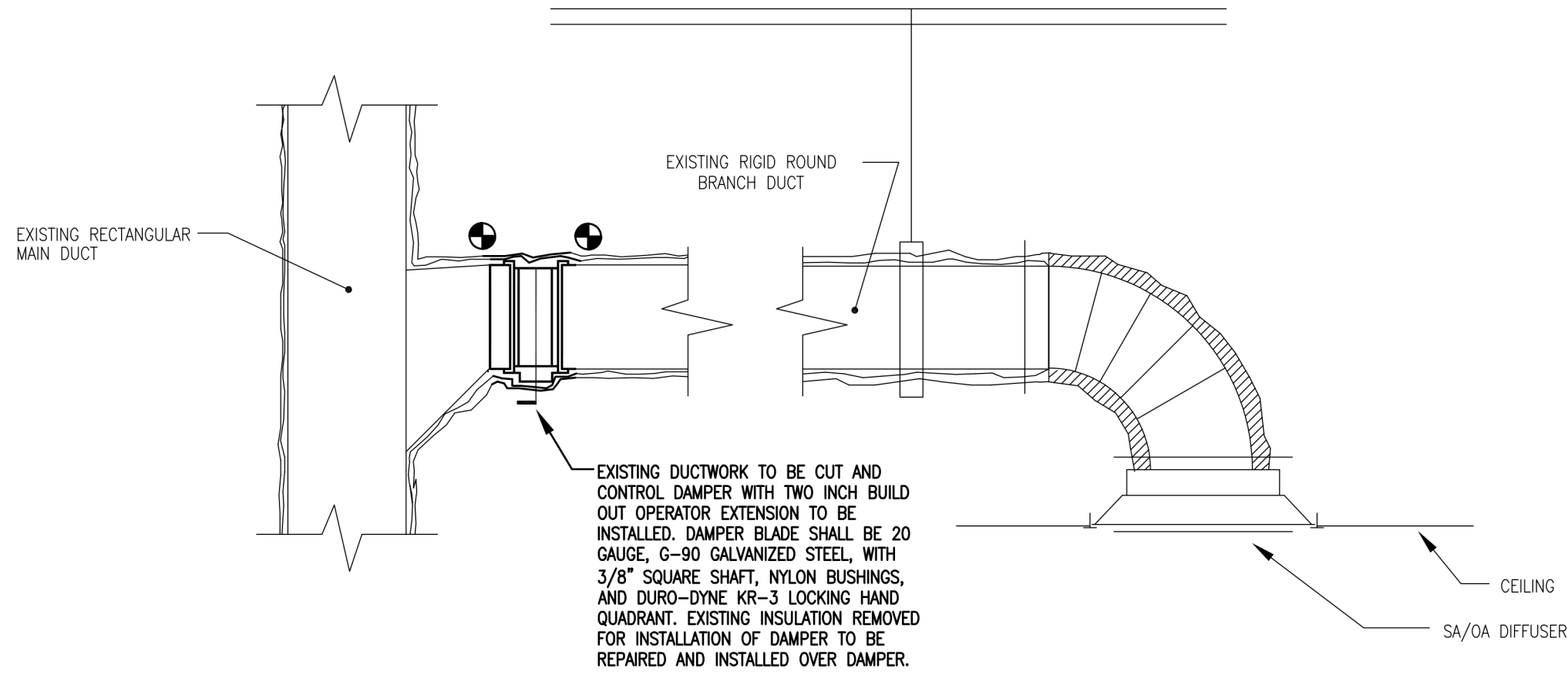
1312 EASTERN BLVD.
CLARKSVILLE, IN
47129

SHEET TITLE
PLUMBING / FIRE PROTECTION
RENOVATION PLAN

DATE OCTOBER 21, 2025

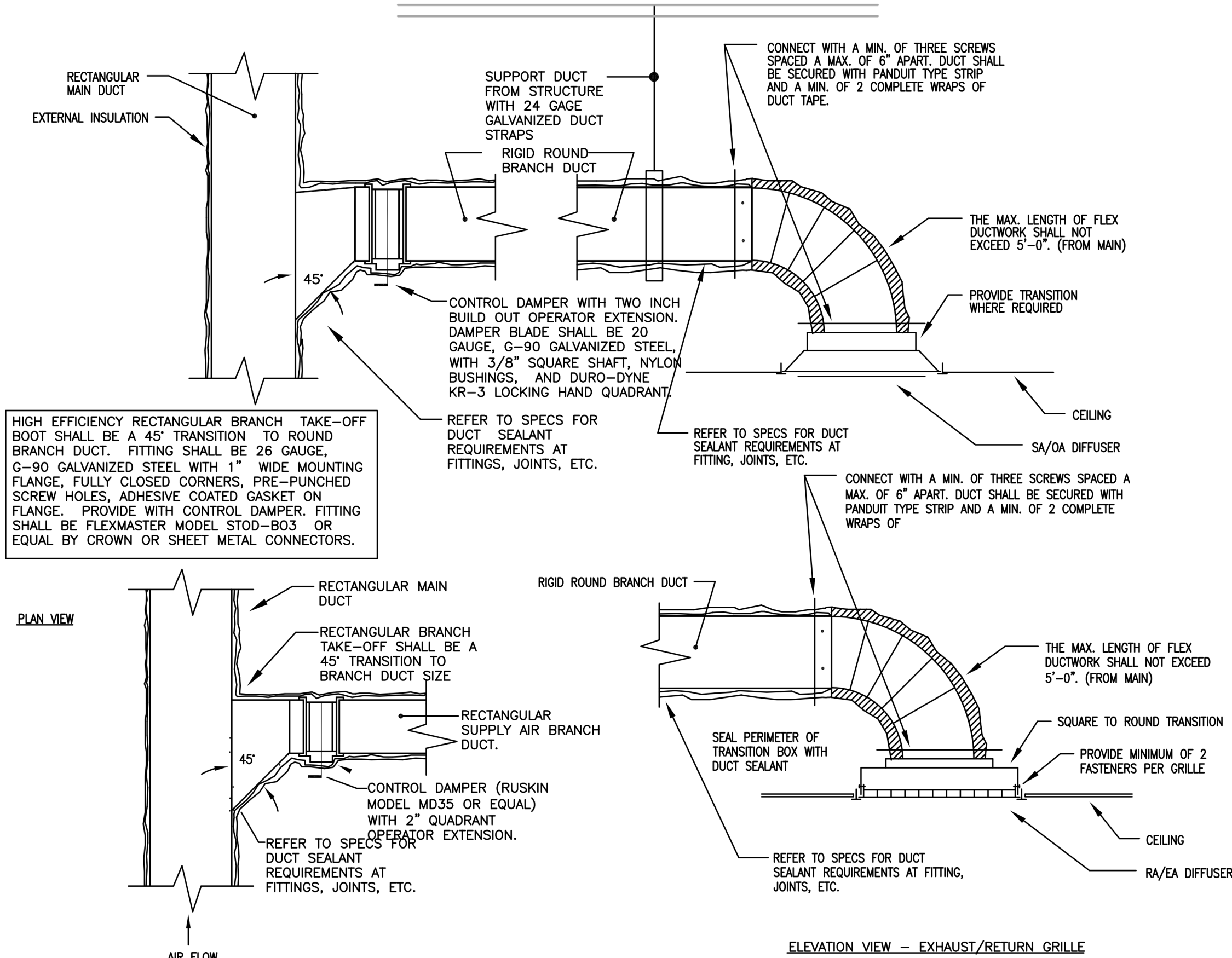
SHEET NUMBER
C-P301
25-196.000





NEW BALANCING DAMPER INSTALLATION DETAIL

NOT TO SCALE



RECTANGULAR-TO-RECTANGULAR-TO-ROUND TAKEOFF DETAIL

NOT TO SCALE

GENERAL SYMBOLS

	TAGGED NOTE DESIGNATOR
	REVISION TRIANGLE
	ROOM TAG
	EQUIPMENT TAG
	POINT OF CONNECTION / CONNECT TO EXISTING
	POINT OF DEMOLITION

ABBREVIATIONS

AFC	ABOVE FINISHED CEILING
AFF	ABOVE FINISHED FLOOR
NTS	NOT TO SCALE
TYP	TYPICAL
NO	NORMALLY OPEN
NC	NORMALLY CLOSED

HVAC LEGEND

	SUPPLY AIR DIFFUSER
	RETURN AIR DIFFUSER
	EXHAUST AIR DIFFUSER
	TRANSFER AIR DIFFUSER W/ SOUND ATTENUATING BOOT
	SIDEWALL DIFFUSER/GRILLE
	SIDEWALL DIFFUSER/GRILLE
	AIR DEVICE TAG (REGISTER, GRILLE, DIFFUSER, LOUVER)
	RECTANGULAR DUCT
	ROUND/SPIRAL DUCT
	FLAT OVAL DUCT
	SUPPLY AIR DUCT
	RETURN AIR DUCT
	EXHAUST AIR DUCT
	OUTSIDE AIR DUCT
	TRANSFER AIR DUCT
	SA AIR DUCT TURNING UP
	SA AIR DUCT TURNING DOWN
	RA AIR DUCT TURNING UP
	RA AIR DUCT TURNING DOWN
	EA AIR DUCT TURNING UP
	EA AIR DUCT TURNING DOWN
	EXISTING DUCT - (XXX) DENOTES SYSTEM
	DUCT TO BE DEMOLISHED - (XXX) DENOTES SYSTEM
	MITERED ELBOW WITH TURNING VANES
	FLEXIBLE DUCT
	THERMOSTAT
	TEMPERATURE SENSOR
	HUMIDITY SENSOR
	CARBON DIOXIDE SENSOR
	TEMPERATURE & CARBON DIOXIDE SENSOR
	MANUAL BALANCING/VOLUME DAMPER
	MOTORIZED DAMPER
	FIRE DAMPER
	SMOKE DAMPER
	COMBINATION FIRE & SMOKE DAMPER
	EXISTING SUPPLY AIR DIFFUSER

REGISTERS, GRILLES, AND DIFFUSERS

SYMBOL	MANUFACTURER & MODEL	MATERIAL & TYPE	CFM RANGE	INLET DUCT SIZE	FACE SIZE	NECK SIZE
E-1	TITUS 50F	EXTRUDED ALUMINUM FRAME W/ 1/2" CUBE CORE	101-225	8" DIA	12X12	8" DIA
S-1	TITUS OMNI AA	EXTRUDED ALUMINUM SQUARE PLAQUE FACE	0-100	6" DIA	12X12	6" DIA

REMARKS (APPLICABLE TO ALL CEILING DEVICES):

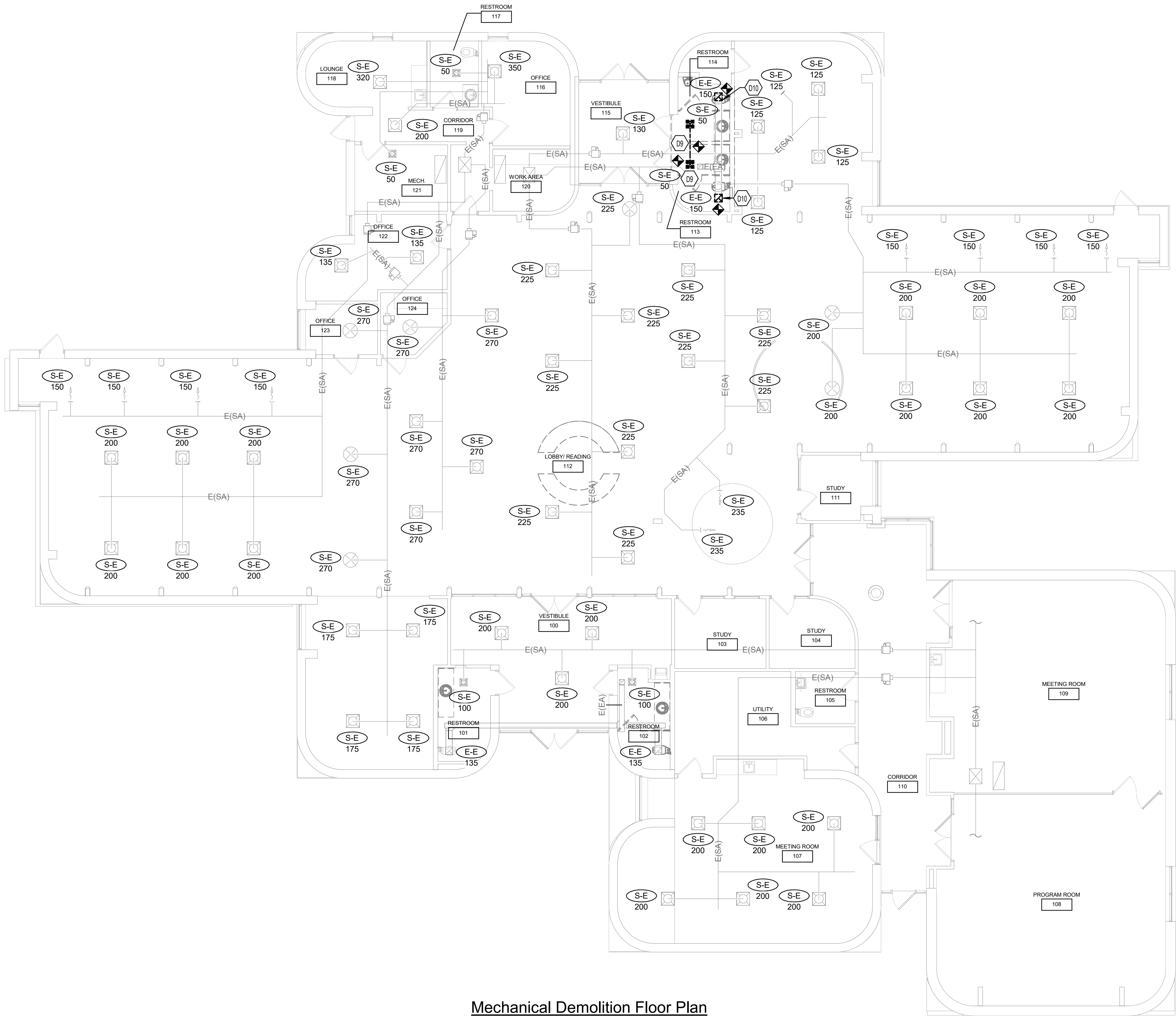
- REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR LAY-IN, SURFACE MOUNTED OR EXPOSED DEVICE. PROVIDE FILLER PANELS AS REQUIRED. ALL PANELS TO BE 24"X24" ALUMINUM PANEL, COLOR TO MATCH CEILING.
- ALL CEILING DEVICE COLOR TO MATCH CEILING.
- PROVIDE MOLDED INSULATION BLANKET FOR ALL SUPPLY GRILLES.
- PROVIDE WITH ROUND DUCT TRANSITION AS REQUIRED.
- ALL SIDEWALL OR DUCT-MOUNTED GRILLES SHALL BE PROVIDED WITH OPPOSED BLADE VOLUME DAMPERS.

MECHANICAL PIPING LEGEND

	PIPE ELBOW TURNING UP
	PIPE ELBOW TURNING DOWN
	PIPE TEE: CONNECTION ON TOP
	PIPE TEE: CONNECTION ON BOTTOM
	PIPE CAP
	CONDENSATE DRAIN
	PIPING TO BE DEMOLISHED - (XXX) DENOTES SYSTEM
	EXISTING PIPING - (XXX) DENOTES SYSTEM
	TWO-WAY CONTROL VALVE
	THREE-WAY CONTROL VALVE
	AUTOMATIC AIR VENT (AAV)
	MANUAL AIR VENT (MAV)
	MANUAL BALANCING VALVE (BV)
	BALL VALVE
	BUTTERFLY VALVE
	TRIPLE DUTY VALVE (TDV)
	STRAINER
	MANUAL ISOLATION VALVE
	GLOBE VALVE
	OS&Y (GATE) VALVE
	PRESSURE REDUCING VALVE (STEAM, GAS, WATER, ETC.)
	AUTO-FLOW CONTROL VALVE
	CHECK VALVE
	DOUBLE CHECK VALVE ASSEMBLY
	FLEXIBLE PIPE CONNECTION
	FLOW METER (VENTURI)
	PIPING UNION
	FLOW SWITCH
	PRESSURE SWITCH
	TAMPER SWITCH
	THERMOMETER
	PETE'S PLUG: TEMPERATURE/PRESSURE PORT

MECHANICAL GENERAL NOTES

- EACH CONTRACTOR, SUPPLIER AND OR MANUFACTURER SHALL REFER TO ALL DOCUMENTS PERTAINING TO THIS PROJECT AND COORDINATE ACCORDINGLY SO AS TO ENSURE ADEQUACY OF FIT, COMPLIANCE WITH SPECIFICATIONS, PROPER VOLTAGE AND CURRENT CHARACTERISTICS AND AVOID CONFLICT WITH ANY OTHER BUILDINGS SYSTEMS. VERIFY SAME WITH SHOP DRAWINGS.
- ALL OFFSETS, TURNS, FITTINGS, TRIM, DETAIL, ETC., MAY NOT BE INDICATED, BUT SHALL BE PROVIDED AS REQUIRED. ADDITIONAL ALLOWANCES SHALL BE INCLUDED FOR SAME AT EACH PROPOSER'S DISCRETION.
- INSTALL NO PIPING, CONDUIT, DUCTWORK, ETC., IN A LOCATION OR IN A MANNER WHICH WILL ALLOW FREEZING AND/OR THE COLLECTION OF CONDENSATION THEREON.
- OBSERVE ALL APPLICABLE CODES, RULES AND REGULATIONS (CITY, COUNTY, LOCAL, STATE, FEDERAL, MUNICIPALITY, UTILITY COMPANY, OSHA, ETC.).
- ALL SYSTEMS, EQUIPMENT AND MATERIALS ARE TO BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER. WORK NOT DONE SO SHALL BE REMOVED AND REINSTALLED SATISFACTORILY.
- WHERE MOUNTING HEIGHTS ARE NOT INDICATED OR ARE IN CONFLICT WITH ANY OTHER BUILDING SYSTEM, CONTACT THE ENGINEERS BEFORE INSTALLATION. REFER ALSO TO ARCHITECTURAL INTERIOR AND EXTERIOR WALL ELEVATIONS, CEILING HEIGHTS AND OTHER DETAIL OF THESE DOCUMENTS.
- DO NOT SCALE FROM DRAWINGS. PRINTING DISTORTS SCALE. WORK SHALL BE LAID OUT FROM DIMENSIONED DRAWINGS, OR DIMENSIONS SUPPLIED TO THE CONTRACTOR.
- THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING REQUIRED FOR HIS WORK. ALL CUTTING AND PATCHING SHALL MATCH EXISTING ADJACENT SURFACES AND BE IN ACCORD WITH OWNER STANDARDS FOR SUCH WORK.
- TURNING VANES SHALL BE INSTALLED IN ALL SUPPLY, RETURN, AND EXHAUST DUCT WORK ELBOWS.
- THESE DRAWINGS ARE ACCURATE TO THE BEST OF OUR KNOWLEDGE, HOWEVER LOCATIONS, DEPTHS, ELEVATIONS AND SIZES WERE TAKEN FROM DIFFERENT SOURCES AND ARE SUBJECT TO DEVIATION. THE CONTRACTOR SHALL ASSUME SOME DEVIATIONS AND INCLUDE OFFSETS, ADDITIONAL PIPING, ETC AT THE TIME OF BID.
- ADVISE THE ENGINEERS OF ANY CONFLICTS, ERRORS, OMISSIONS, ETC. AT LEAST TEN DAYS PRIOR TO BID DATE, TO ALLOW CLARIFICATION BY WRITTEN ADDENDUM.
- DEVIATION FROM SPECIFICATIONS OR PLANS REQUIRES PRIOR WRITTEN APPROVAL FROM THE ENGINEERS AND MUST BE SUBMITTED IN WRITING NO LATER THAN TEN DAYS PRIOR TO THE BID DATE.
- COORDINATE THE LOCATION OF DRAINS, ELECTRICAL OUTLETS, ETC. WITH ALL MECHANICAL, ROOM EQUIPMENT, ETC. PRIOR TO COMMENCING INSTALLATION. WORK NOT SO COORDINATED SHALL BE REMOVED AND PROPERLY INSTALLED AT THE EXPENSE OF THE RESPONSIBLE CONTRACTOR(S).
- THE PURPOSE AND INTENT OF ALL THE DOCUMENTS PERTAINING TO THIS PROJECT IS TO PROVIDE A COMPLETE, FUNCTIONAL, SAFE, NEW FACILITY. ANYTHING LESS SHALL BE UNACCEPTABLE.
- ANY VIBRATING, OSCILLATING OR OTHER NOISE OR MOTION PRODUCING EQUIPMENT SHALL BE ISOLATED FROM SURROUNDING SYSTEMS IN AN APPROVED MANNER. NOISY OR STRUCTURALLY DAMAGING INSTALLATIONS SHALL BE SATISFACTORILY REPLACED OR REPAIRED AT THE INSTALLING CONTRACTOR'S EXPENSE. THE FINAL DECISION ON THE SUITABILITY OF A PARTICULAR INSTALLATION'S ACCEPTABILITY SHALL BE THAT OF THE ENGINEER.
- INSTALL EQUIPMENT, MATERIALS, ETC. IN STRICT ACCORD WITH MANUFACTURER'S RECOMMENDATIONS AND DIRECTIONS. IF IN CONFLICT WITH THE DESIGN INDICATED IN CONTRACT DOCUMENTS, ADVISE THE ENGINEERS PRIOR TO INSTALLATION FOR CLARIFICATION.
- ALL SUPPORTS FOR EQUIPMENT, DEVICES OR FIXTURES SHALL BE UNIQUE, FROM THE BUILDING STRUCTURE. DO NOT SUPPORT WORK FROM OTHER TRADES, EQUIPMENT OR SUPPORTS WITHOUT WRITTEN PERMISSION FROM THE ENGINEER AND CONSENT OF THE OTHER TRADE. IN WRITING. DO NOT SUPPORT EQUIPMENT FROM WALLS OR PARTITIONS.
- DEVIATIONS IN SIZE, CAPACITIES, FIT, FINISH, ETC. FOR EQUIPMENT FROM THAT PRIME SPECIFIED SHALL BE THE RESPONSIBILITY OF THE PURCHASER OF THE EQUIPMENT. ANY PROVISIONS REQUIRED TO ACCOMMODATE A DEVIATION, WHETHER APPROVED BY THE ENGINEERS OR NOT, SHALL BE THE RESPONSIBILITY OF THE PURCHASER.
- THE GENERAL CONTRACTOR FOR THIS CONSTRUCTION IS RESPONSIBLE FOR THE COORDINATION, APPEARANCE, SCHEDULING AND TIMELINESS OF THE WORK OF ALL TRADES, CONTRACTORS, SUPPLIERS, INSTALLERS, ETC. EACH TRADE SHALL COORDINATE THEIR WORK WITH OTHER TRADES AND THE GENERAL CONTRACTOR.
- VALVES, BALANCING DAMPERS OR ANY MECHANICAL/ELECTRICAL ITEM SHALL NOT BE LOCATED ABOVE A HARD CEILING. IF THIS IS NOT POSSIBLE, THEN AN APPROPRIATELY SIZED ACCESS DOOR SHALL BE PLACED UNDER THE ITEM TO ALLOW EASY MAINTENANCE AND ADJUSTMENT.
- ENSURE PROPER COORDINATION BETWEEN ALL TRADES SUCH THAT CONDUITS, PIPING, DUCTWORK, ETC. DO NOT BLOCK ACCESS TO VALVES, EQUIPMENT, DUCT ACCESS DOORS, ETC. ITEMS THAT HAVE BEEN INSTALLED WHERE ACCESS IS COMPROMISED SHALL BE RELOCATED AT THE CONTRACTOR'S EXPENSE.
- EXISTING CONDUIT AND WIRING: EXISTING CONDUIT AND WIRING MAY BE SUPPORTED BY EXISTING DUCT AND PIPING HANGERS. COORDINATE WORK WITH ELECTRICAL AND GENERAL CONTRACTOR TO RE-SUPPORT WIRING BEFORE CUTTING HANGERS. CONTRACTOR WILL BE RESPONSIBLE FOR ANY DAMAGES CAUSED BY NOT COORDINATING WORK.
- PATCH HOLES IN WALLS, FLOORS, CEILINGS, ROOFS, ETC. TO MATCH ADJACENT SURFACES AS A RESULT OF REMOVAL OF MECHANICAL SYSTEMS. PATCHING SHALL BE PERFORMED BY QUALIFIED TRADESMAN.
- WHERE THERMOSTATS AND OTHER WALL-MOUNTED CONTROL DEVICES ARE REMOVED AND NOT REPLACED PATCH WALL TO MATCH EXISTING CONDITIONS.
- ANY VALVES USED FOR TESTING PURPOSES THAT ARE NOT SHOWN ON THESE DRAWINGS MUST MINIMALLY MEET THE QUALITY AND PERFORMANCE OF THE VALVES LISTED IN THE SPECIFICATIONS AND BE PROVIDED AT THE EXPENSE OF THE CONTRACTOR.
- IN AREAS WITH WORK ABOVE AN EXISTING CEILING, THE CONTRACTOR SHALL CUT AND PATCH THE CEILING AND GRID AS REQUIRED TO PERFORM THE WORK. ANY EXISTING LAY-IN CEILING OR GRID DAMAGED OR BROKEN SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- INACCESSIBLE PIPING BURIED IN EXISTING WALLS REMAINING AND CONCRETE SLAB MAY BE ABANDONED IN PLACE. CAP ABANDONED PIPING AND DUCTWORK.
- THE MECHANICAL CONTRACTOR IS RESPONSIBLE FOR ALL DUCT FIT ISSUES. THERE WILL BE NO CHANGE-ORDERS FOR DUCT SIZE CHANGES DURING CONSTRUCTION. FIELD VERIFY ALL ROUTING PRIOR TO START OF DUCT FABRICATION.
- EQUIVALENT DUCT SIZES ARE ALLOWED. DUCTWORK MAY BE FLATTENED AS REQUIRED TO ALLOW FOR FIT. DUCT MAY NOT BE FLATTENED LESS THEN (1) IN HEIGHT TO (4) IN WIDTH.



Mechanical Demolition Floor Plan
1/8" = 1'-0"

TAGGED NOTES

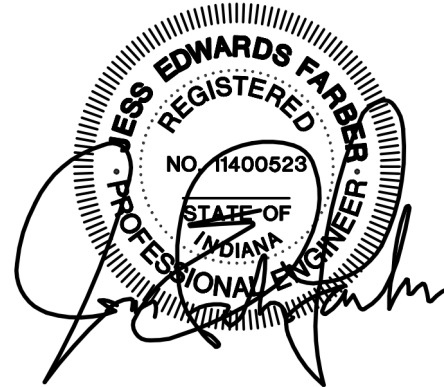
- D9 EXISTING SUPPLY AIR DIFFUSER AND BRANCH DUCTWORK TO BE REMOVED UP TO DUCT MAIN.
D10 EXISTING EXHAUST GRILLE AND CONNECTION DUCTWORK TO BE REMOVED UP TO DUCT MAIN.

NOTE: PRIOR TO DEMOLITION, THE CONTRACTOR IS TO PERFORM AN AIRFLOW PRETEST TO DOCUMENT EXISTING CONDITIONS ON SUPPLY AIR ONLY. PROVIDE THIS TO THE ENGINEER FOR RECORD.

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GENERAL NOTES - DEMOLITION

- A INACCESSIBLE PIPING BURIED IN EXISTING WALLS REMAINING AND CONCRETE SLABS MAY BE ABANDONED IN PLACE.
B PATCH HOLES IN WALLS, FLOORS, CEILINGS, ROOFS, ETC. TO MATCH ADJACENT SURFACES AS A RESULT OF MECHANICAL SYSTEMS. PATCH SHALL BE PERFORMED BY QUALIFIED TRADESMAN. PAINT ALL WALLS FROM CORNER TO CORNER TO MATCH ADJACENT CONDITIONS.
C WHERE WORK IS REQUIRED ABOVE EXISTING CEILINGS AND/OR OUTSIDE OF WORKSCOPE AREA, THIS CONTRACTOR SHALL BE RESPONSIBLE FOR OUP, PATCH, REMOVAL AND REINSTALLATION (OR REPLACEMENT IF DAMAGED) OF ALL CEILING TILES, HARD CEILINGS, AND GRID MEMBERS NECESSARY TO PERFORM THE WORK. THIS SHALL BE PERFORMED AT THIS CONTRACTOR'S EXPENSE.
D MECHANICAL CONTRACTOR SHALL CLEAN UP CONSTRUCTION DEBRIS DURING AND AFTER MECHANICAL EQUIPMENT DEMOLITION.
E MECHANICAL CONTRACTOR SHALL DISPOSE OF DEMOLISHED MECHANICAL EQUIPMENT AND COORDINATE WITH THE CONSTRUCTION MANAGER.
F PRIOR TO START OF DEMOLITION WORK, MECHANICAL CONTRACTOR SHALL VERIFY WITH ELECTRICAL CONTRACTOR THAT POWER FEEDS AND CONTROL WIRING HAVE BEEN DISCONNECTED AND LOCKED OUT FROM MECHANICAL EQUIPMENT WHICH IS TO BE REMOVED.
G MECHANICAL CONTRACTOR SHALL REPAIR OR REPLACE ANY DUCT OR PIPING INSULATION DAMAGED DURING DEMOLITION WORK. WITHIN ALL AREAS OF WORK, ALL INSULATION MISSING OR DAMAGED SHALL BE REPAIRED OR REPLACED FOR ALL EXISTING SYSTEMS.
H WHERE DUCT WORK OR PIPING IS REMOVED TO A MAIN, CAP AT MAIN AIRTIGHT. FIELD VERIFY EXACT CONDITIONS. PROVIDE ALL MATERIALS AS REQUIRED. PROVIDE NEW ISOLATIONS VALVES AT MAINS AS REQUIRED, OR EVERYWHERE NEW WORK TIES INTO EXISTING, AS A STANDARD FOR THE PROJECT. FIELD VERIFY EXACT EXTENT OF WORK PRIOR TO BID.
I REMOVE ALL EXISTING ABANDONED PIPING ABOVE CEILINGS COMPLETELY INCLUDING ALL HANGERS, INSULATION, VALVES, ETC. CAP ALL AT MAINS AS REQUIRED.
J REMOVE ALL EXISTING ABANDONED DUCTWORK ABOVE CEILINGS COMPLETELY INCLUDING ALL HANGERS, INSULATION, VALVES, ETC. CAP ALL AT MAINS AS REQUIRED.



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PROJECT TITLE
2026 JEFFERSONVILLE + CLARKSVILLE
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CLARKSVILLE, IN
47129

SHEET TITLE
MECHANICAL DEMOLITION FLOOR PLAN

DATE
OCTOBER 21, 2025

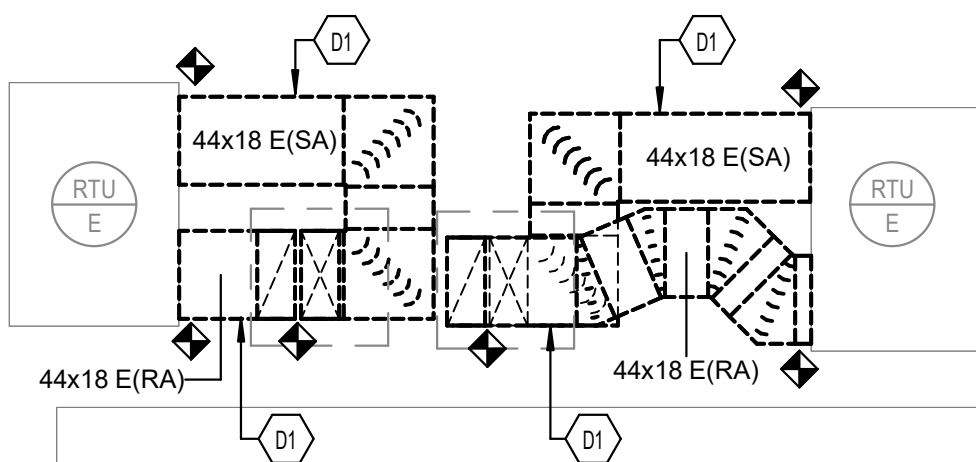
SHEET NUMBER
C-M200
25-196.000



RTU Reference Photo 1
NOT TO SCALE



RTU Reference Photo 2
NOT TO SCALE



Mechanical Demolition Roof Plan
1/8" = 1'-0"

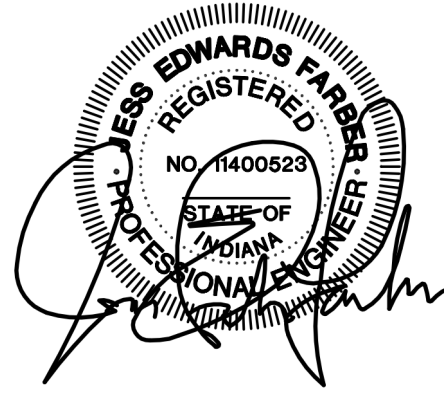
TAGGED NOTES

- D1 REMOVE ALL EXISTING EXPOSED EXTERIOR DUCTWORK FROM UNITS TO ROOF PENETRATION. TEMPORARILY CAP AT UNIT AND PENETRATION. THE EXISTING CURB IS TO REMAIN.



GENERAL NOTES - DEMOLITION

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- B PATCH HOLES IN WALLS, FLOORS, CEILINGS, ROOFS, ETC. TO MATCH ADJACENT SURFACES AS A RESULT OF MECHANICAL SYSTEMS. PATCH SHALL BE PERFORMED BY QUALIFIED TRADESMAN. PAINT ALL WALLS FROM CORNER TO CORNER TO MATCH ADJACENT CONDITIONS.
- C WHERE WORK IS REQUIRED ABOVE EXISTING CEILINGS AND/OR OUTSIDE OF WORKSCOPE AREA, THIS CONTRACTOR SHALL BE RESPONSIBLE FOR OUT. PATCH, REMOVAL AND REINSTALLATION (OR REPLACEMENT IF DAMAGED) OF ALL CEILINGS TILES, HARD CEILINGS, AND GRID MEMBERS NECESSARY TO PERFORM THE WORK. THIS SHALL BE PERFORMED AT THIS CONTRACTOR'S EXPENSE.
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- E MECHANICAL CONTRACTOR SHALL DISPOSE OF DEMOLISHED MECHANICAL EQUIPMENT AND COORDINATE WITH THE CONSTRUCTION MANAGER.
- F PRIOR TO START OF DEMOLITION WORK, MECHANICAL CONTRACTOR SHALL VERIFY WITH ELECTRICAL CONTRACTOR THAT POWER FEEDS AND CONTROL WIRING HAVE BEEN DISCONNECTED AND LOCKED OUT FROM MECHANICAL EQUIPMENT WHICH IS TO BE REMOVED.
- G MECHANICAL CONTRACTOR SHALL REPAIR OR REPLACE ANY DUCT OR PIPING INSULATION DAMAGED DURING DEMOLITION WORK. WITHIN ALL AREAS OF WORK, ALL INSULATION MISSING OR DAMAGED SHALL BE REPAIRED OR REPLACED FOR ALL EXISTING SYSTEMS.
- H WHERE DUCT WORK OR PIPING IS REMOVED TO A MAIN, CAP AT MAIN AIRTIGHT. FIELD VERIFY EXACT CONDITIONS. PROVIDE ALL MATERIALS AS REQUIRED. PROVIDE NEW ISOLATIONS VALVES AT MAINS AS REQUIRED. OR EVERYWHERE NEW WORK TIES INTO EXISTING, AS A STANDARD FOR THE PROJECT. FIELD VERIFY EXACT EXTENT OF WORK PRIOR TO BID.
- I REMOVE ALL EXISTING ABANDONED PIPING ABOVE CEILINGS COMPLETELY INCLUDING ALL HANGERS, INSULATION, VALVES, ETC. CAP ALL AT MAINS AS REQUIRED.
- J REMOVE ALL EXISTING ABANDONED DUCTWORK ABOVE CEILINGS COMPLETELY INCLUDING ALL HANGERS, INSULATION, VALVES, ETC. CAP ALL AT MAINS AS REQUIRED.



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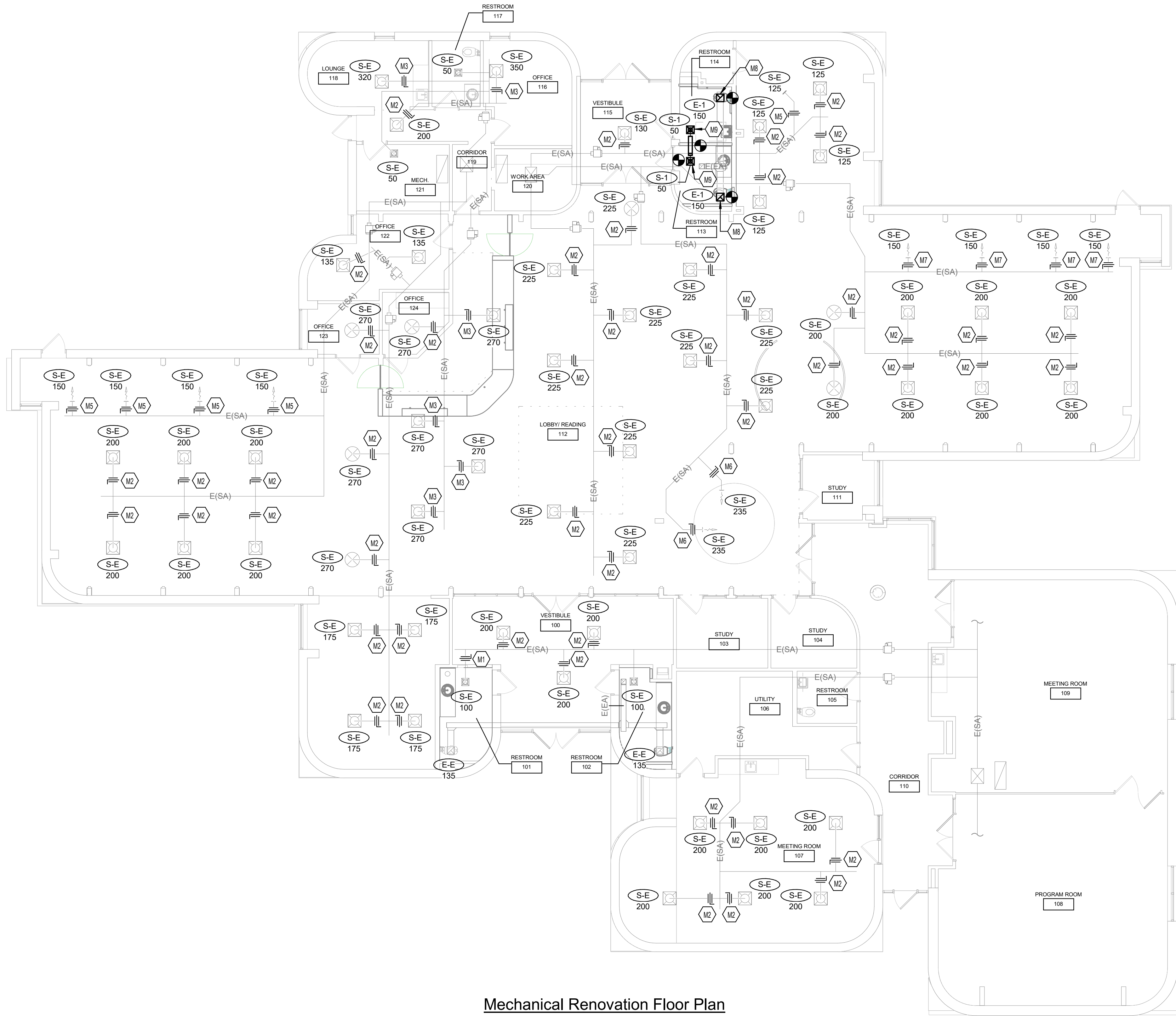
SHEET TITLE
MECHANICAL DEMOLITION ROOF PLAN

DATE
OCTOBER 21, 2025

SHEET NUMBER
C-M201
25-196.000



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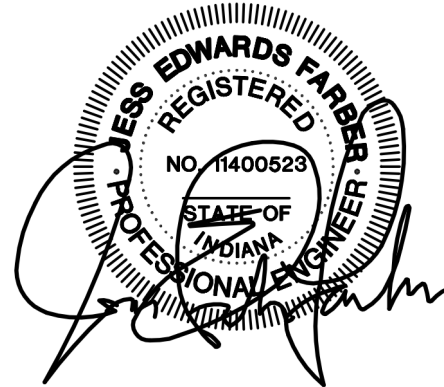
Mechanical Renovation Floor Plan
1/8" = 1'-0"

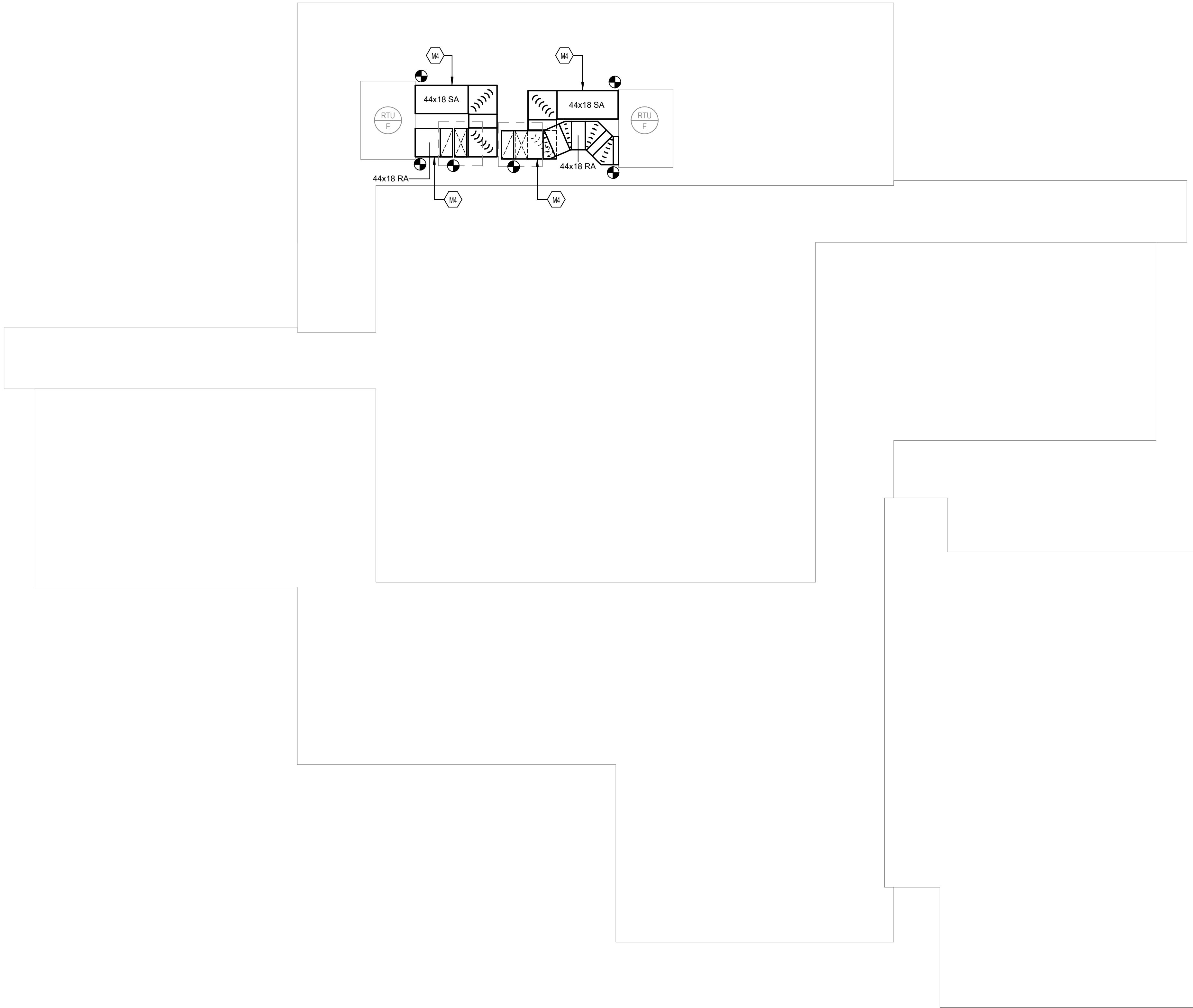
NOTE: DUCTWORK SIZE FOR ALL NEW BALANCING VALVES IN GRILLE RUNOUTS TO BE FIELD VERIFIED.

NOTE: THE INSTALLATION OF THE NEW DAMPERS, AND REBALANCING OF THE SYSTEM, SHALL BE ADD ALTERNATE 2C. REFER TO SPECIFICATIONS.

TAGGED NOTES

- M1 PROVIDE AND INSTALL 6" DIA BALANCING VALVE IN SUPPLY BRANCH DUCTWORK, BALANCE EXISTING GRILLE TO AIRFLOW INDICATED. REFER TO DETAIL.
- M2 PROVIDE AND INSTALL 8" DIA BALANCING VALVE IN SUPPLY BRANCH DUCTWORK, BALANCE EXISTING GRILLE TO AIRFLOW INDICATED. REFER TO DETAIL.
- M3 PROVIDE AND INSTALL 10" DIA BALANCING VALVE IN SUPPLY BRANCH DUCTWORK, BALANCE EXISTING GRILLE TO AIRFLOW INDICATED. REFER TO DETAIL.
- M5 PROVIDE AND INSTALL 12"X4" BALANCING VALVE IN SUPPLY BRANCH DUCTWORK, BALANCE EXISTING GRILLE TO AIRFLOW INDICATED. REFER TO DETAIL.
- M6 PROVIDE AND INTALL 8"X12" BALANCING VALVE IN SUPPLY BRANCH DUCTWORK, BALANCE EXISTING GRILLE TO AIRFLOW INDICATED. REFER TO DETAIL.
- M7 PROVIDE AND INSTALL 12"X6" BALANCING VALVE IN SUPPLY BRANCH DUCTWORK, BALANCE EXISTING GRILLE TO AIRFLOW INDICATED. REFER TO DETAIL.
- M8 PROVIDE AND INSTALL NEW EXHAUST GRILLE IN NEW CEILING. CONNECT TO EXISTING EXHAUST AIR DUCTWORK ABOVE CEILING.
- M9 PROVIDE AND INSTALL NEW SUPPLY AIR DIFFUSER IN NEW CEILING. PROVIDE NEW BRANCH CONNECTION AND MANUAL VOLUME DAMPER CONNECTED TO MAIN.





Mechanical Renovation Roof Plan
1/8" = 1'-0"

TAGGED NOTES

- M4 PROVIDE AND INSTALL NEW DUCTWORK. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION AND INSULATION REQUIREMENTS. CONNECT TO EXISTING UNIT AND ROOF PENETRATION CONNECTIONS. SEAL AROUND DUCTWORK AT ROOF PENETRATION WITH CAULKING TO ACHIEVE A WATER-TIGHT SEAL. TRANSITION TO UNIT AND ROOF PENETRATION AS REQUIRED. REMOVE AND RECONNECT SMOKE DETECTORS, AND REWORK EXISTING PLENUM AS REQUIRED.

#

SHEET TITLE
MECHANICAL RENOVATION ROOF PLAN

SHEET NUMBER
C-M301
25-196.000

DATE
OCTOBER 21, 2025

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