

WASHINGTON COUNTY



HERBERT J. TENNIES GOVERNMENT CENTER NEW ELEVATOR ADDITION

209 south water street, milwaukee, wisconsin 53204 t 414 359 3060
 2310 crossroads drive, suite 2000, madison, wisconsin 53718 t 608 240 9900
 1970 main street, suite 201, sarasota, florida 34236 t 941 444 8845
 311 canyon wren drive, buda, texas 78610 t 512 649 5627

432 E. WASHINGTON STREET, WEST BEND, WI 53095

SHEET INDEX

GENERAL

000 TITLE SHEET

ARCHITECTURAL

A050 LIFE SAFETY PLANS / CODE WORKSHEETS
 A200 DEMOLITION AND FLOOR PLANS
 A300 REFLECTED CEILING & ROOF PLANS AND ELEVATIONS
 A600 INTERIOR AND EXTERIOR DETAILS
 A700 ENLARGED ELEVATOR PLANS, SECTIONS AND DETAILS
 A890 SCHEDULES, DOOR TYPES AND FRAME ELEVATIONS

STRUCTURAL

S100 STRUCTURAL PLANS
 S800 STRUCTURAL DETAILS

FIRE PROTECTION

FP000 SYMBOLS & ABBREVIATIONS
 FP200 FLOOR PLANS

PLUMBING

P000 SYMBOLS & ABBREVIATIONS
 P200 FLOOR PLANS

MECHANICAL

M001 MECHANICAL - SCHEDULES, DETAILS AND SYMBOLS
 M100 MECHANICAL - DEMOLITION PLANS
 M200 MECHANICAL - FLOOR PLANS

ELECTRICAL

E001 ELECTRICAL SYMBOLS AND ABBREVIATIONS
 E101 DEMOLITION OVERALL - 1ST FLOOR
 E104 DEMOLITION PARTIAL PLANS
 E201L PARTIAL PLANS - LIGHTING & FIXTURE SCHEDULE
 E201P PARTIAL PLANS - POWER
 E202 PARTIAL PLANS - FIRE ALARM
 E400 DETAILS & PARTIAL ONE-LINE
 E401 DETAILS
 E402 FIRE ALARM DETAILS

PROJECT INFORMATION

PROJECT DATE: 07/18/2023
 PRA PROJECT NUMBER: 230105-01
 OWNER PROJECT NUMBER: FM23-26
 DRAWING SET: CONSTRUCTION SET

APPLICABLE CODES AND ZONING

2018 WISCONSIN COMMERCIAL BUILDING CODE (SPS 361-366)
 2015 INTERNATIONAL EXISTING BUILDING CODE
 2015 INTERNATIONAL BUILDING CODE
 ASSEMBLY OCCUPANCY, GROUP A-3
 BUSINESS OCCUPANCY, GROUP B

ZONING: CITY OF WEST BEND ORDINANCES

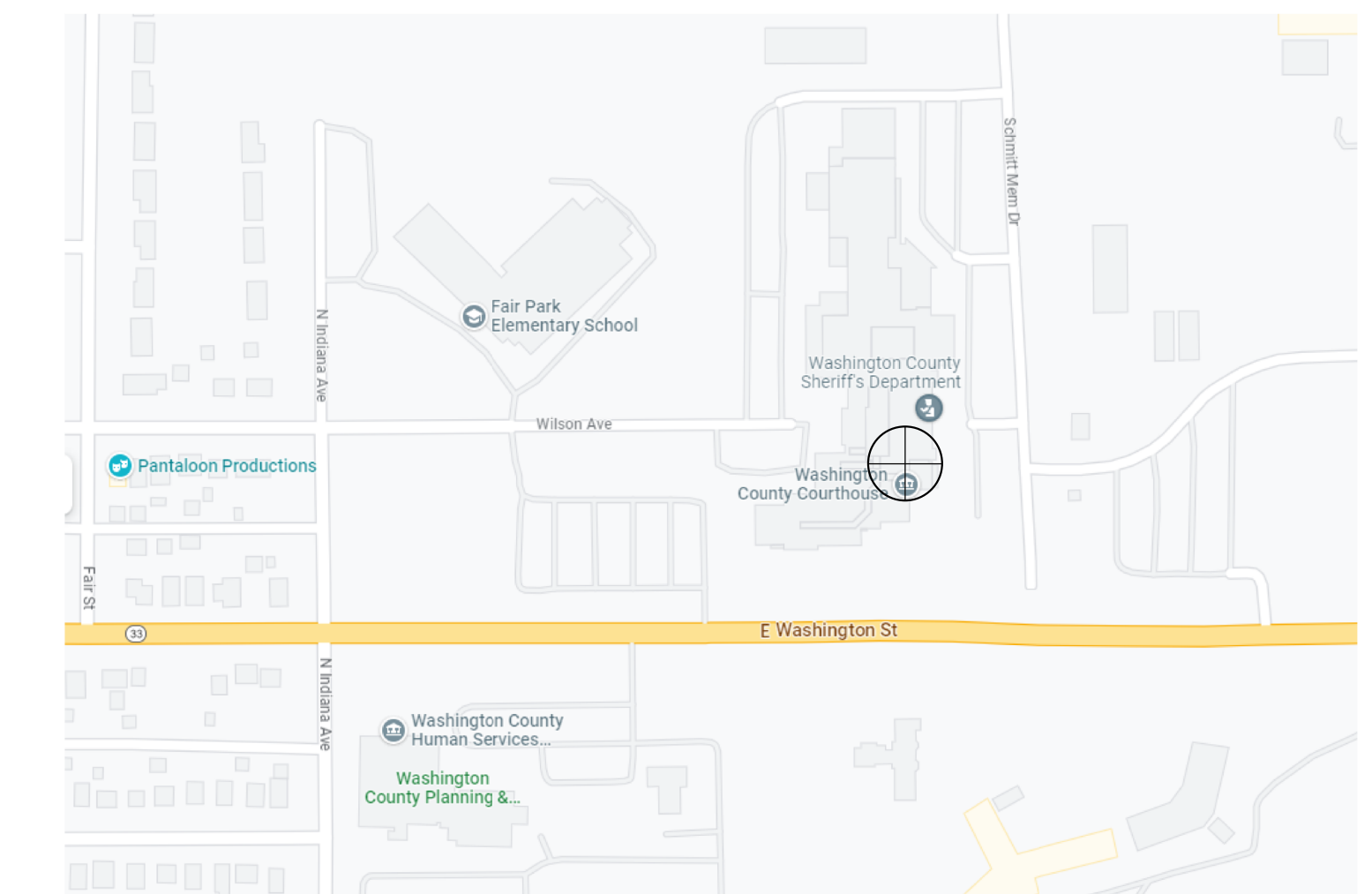
CONSTRUCTION CLASSIFICATION

NEW CONSTRUCTION AND LEVEL II ALTERATION
 TYPE OF CONSTRUCTION, PROTECTED, TYPE IB - SPRINKLERED

BUILDING AREA

OVERALL FOOTPRINT	47,181 SF
ADDITIONS	
FIRST FLOOR	139 SF
ADDITION TOTAL	139 SF
BUILDING TOTAL	47,319 SF
ALTERATIONS	
FIRST FLOOR	2,047 SF
SECOND FLOOR	1,079 SF
THIRD FLOOR	707 SF
ALTERATION TOTAL	3,832 SF

PROJECT LOCATION



PROJECT TEAM

STRUCTURAL

raSMITH, INC TEL(262) 781-1000

FIRE PROTECTION

MSA PROFESSIONAL SERVICES, INC TEL(217) 352-6976

PLUMBING

MSA PROFESSIONAL SERVICES, INC TEL(217) 352-6976

MECHANICAL

MSA PROFESSIONAL SERVICES, INC TEL(217) 352-6976

ELECTRICAL

MSA PROFESSIONAL SERVICES, INC TEL(217) 352-6976

OCCUPANT LOAD WORKSHEET										
NUMBER	ROOM OR SPACE			OCCUPANT LOAD				ACCOUNTED FOR IN OTHER SPACES	NOTES	
	NAME	OCCUPANCY	AREA	DENSITY	CALCULATED	ACTUAL	COMBINED			
FIRST FLOOR										
1063	FACILITIES MANAGEMENT	BUSINESS AREAS	673 SF	GROSS	100 SF	7	7	0	NO	
1064	OFFICE	BUSINESS AREAS	149 SF	GROSS	100 SF	2	1	0	NO	
1065	OFFICE	BUSINESS AREAS	113 SF	GROSS	100 SF	2	1	0	NO	
1067	OFFICE	BUSINESS AREAS	117 SF	GROSS	100 SF	2	1	0	NO	
1069	OFFICE	BUSINESS AREAS	108 SF	GROSS	100 SF	2	1	0	NO	
1069	BLUEPRINTS	BUSINESS AREAS	350 SF	GROSS	100 SF	4	4	0	NO	
C1067	CORRIDOR	NON OCCUPIED SPACE	473 SF	GROSS	0 SF	0	0	0	YES	
EL1	ELEVATOR	NON OCCUPIED SPACE	73 SF	GROSS	0 SF	0	0	0	YES	
					19	15				
SECOND FLOOR										
2071	CONF	BUSINESS AREAS	132 SF	GROSS	100 SF	2	2	0	NO	
2072	CONF	BUSINESS AREAS	77 SF	GROSS	100 SF	1	2	0	NO	
2073	CONF	BUSINESS AREAS	77 SF	GROSS	100 SF	1	2	0	NO	
2075	OPEN OFFICE	BUSINESS AREAS	655 SF	GROSS	100 SF	17	7	0	NO	
C2065	CORRIDOR	NON OCCUPIED SPACE	74 SF	GROSS	0 SF	0	0	0	YES	
C2066	CORRIDOR	NON OCCUPIED SPACE	317 SF	GROSS	0 SF	0	0	0	YES	
C2069	CORRIDOR	NON OCCUPIED SPACE	135 SF	GROSS	0 SF	0	0	0	YES	
					11	13				
THIRD FLOOR										
3117	OPEN OFFICE	BUSINESS AREAS	2,036 SF	GROSS	100 SF	21	21	0	NO	
3126	STORAGE	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	127 SF	GROSS	300 SF	1	1	0	NO	
3130	STORAGE	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	133 SF	GROSS	300 SF	1	1	0	NO	
3132	COPY	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	102 SF	GROSS	300 SF	1	1	0	NO	
3163	ACTIVE RECORDS	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	2,793 SF	GROSS	300 SF	10	10	0	NO	
C3127	CORRIDOR	NON OCCUPIED SPACE	459 SF	GROSS	0 SF	0	0	0	YES	
					34	34				
TOTAL					64	62				

BUILDING OCCUPANT LOAD GENERAL NOTES:

A. UNOCCUPIED ACCESSORY AREA PER 2015 IBC SECTION 1002.1 DEFINITIONS FOR 'NET FLOOR AREA'

EGRESS WIDTH WORKSHEET											
NUMBER	ROOM OR SPACE			CALCULATED OCCUPANT LOAD		STAIR	OTHER EGRESS COMPONENTS			NOTES	
	NAME	OCCUPANCY	AREA	BY AREA (IBC 1004.1.1)	MAX BY AGGREGATE WIDTH		WIDTH FACTOR	REQUIRED WIDTH	PROVIDED WIDTH		WIDTH FACTOR
FIRST FLOOR											
1063	FACILITIES MANAGEMENT	BUSINESS AREAS	0	168	0.3	0"	44"	0.2	0"	33.5"	
1064	OFFICE	BUSINESS AREAS	2	168	0.3	0.6"	44"	0.2	0.4"	33.5"	
1065	OFFICE	BUSINESS AREAS	2	168	0.3	0.6"	44"	0.2	0.4"	33.5"	
1067	OFFICE	BUSINESS AREAS	2	168	0.3	0.6"	44"	0.2	0.4"	33.5"	
1069	OFFICE	BUSINESS AREAS	2	168	0.3	0.6"	44"	0.2	0.4"	33.5"	
1069	BLUEPRINTS	BUSINESS AREAS	0	168	0.3	0"	44"	0.2	0"	33.5"	
C1067	CORRIDOR	NON OCCUPIED SPACE	0	360	0.3	0"	44"	0.2	0"	72"	
EL1	ELEVATOR	NON OCCUPIED SPACE	0	360	0.3	0"	44"	0.2	0"	72"	
				8			2.4"	352"	1.6"	345"	
SECOND FLOOR											
2071	CONF	BUSINESS AREAS	0	168	0.3	0"	44"	0.2	0"	33.5"	
2072	CONF	BUSINESS AREAS	2	168	0.3	0.6"	44"	0.2	0.4"	33.5"	
2073	CONF	BUSINESS AREAS	2	168	0.3	0.6"	44"	0.2	0.4"	33.5"	
2075	OPEN OFFICE	BUSINESS AREAS	0	200	0.3	0"	44"	0.2	0"	40"	
C2065	CORRIDOR	NON OCCUPIED SPACE	0	310	0.3	0"	44"	0.2	0"	60"	
C2066	CORRIDOR	NON OCCUPIED SPACE	0	440	0.3	0"	44"	0.2	0"	88"	
C2069	CORRIDOR	NON OCCUPIED SPACE	0	168	0.3	0"	44"	0.2	0"	33.5"	
				4			1.2"	308"	0.8"	324"	
THIRD FLOOR											
3117	OPEN OFFICE	BUSINESS AREAS	0	168	0.3	0"	44"	0.2	0"	33.5"	
3126	STORAGE	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	0	168	0.3	0"	44"	0.2	0"	33.5"	
3130	STORAGE	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	0	168	0.3	0"	44"	0.2	0"	33.5"	
3132	COPY	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	0	168	0.3	0"	44"	0.2	0"	33.5"	
3163	ACTIVE RECORDS	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	0	168	0.3	0"	44"	0.2	0"	33.5"	
C3127	CORRIDOR	NON OCCUPIED SPACE	0	360	0.3	0"	44"	0.2	0"	72"	
				12			3.6"	924"	2.4"	908.5"	

EGRESS WIDTH GENERAL NOTES:

A. A 30" DOOR WILL PROVIDE A NOMINAL MINIMUM CLEAR OPENING OF 33.5" AS DEFINED BY 2015 IBC SECTION 1010.1.1

SUMMARY OF CODE REVIEW INFORMATION

- MULTIPLE OCCUPANCIES WORKSHEET - SHEET A05x
- ALLOWABLE AREAS CALCULATIONS - SHEET A05x
- OCCUPANT LOAD WORKSHEETS - SHEET A050
- EGRESS WIDTH WORKSHEETS - SHEET A050
- FIRE APPARATUS AND FIRE LANE WORKSHEET - SHEET A05x
- SANITARY FIXTURE DETERMINATION WORKSHEETS - SHEET A05x
- CONTROL AREA
- EXTERIOR WALL OPENING WORKSHEET
- GRADE PLANE DETERMINATION WORKSHEET
- DETERMINATION OF NUMBER OF STORES ABOVE GRADE PLANE
- LATERAL SYSTEMS AND CONNECTION WORKSHEET - SEE STRUCTURAL DRAWINGS AND CALCULATIONS.
- STRUCTURAL DESIGN WORKSHEET - SEE STRUCTURAL DRAWINGS AND CALCULATIONS.
- HVAC CALCULATIONS - SEE MECHANICAL DRAWINGS AND CALCULATIONS.

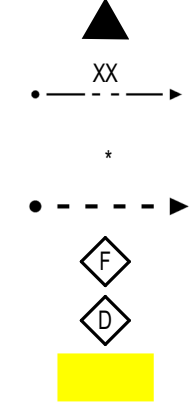
LIFE SAFETY LEGEND

FIRE BARRIERS
2 HOUR RATED FIRE BARRIER, 90 MINUTE DOORS



SYMBOLS

- EXIT DISCHARGE
- COMMON PATH OF EGRESS TRAVEL (FEET)
- POINT IN WHICH 2 EXITS BECOME AVAILABLE
- EXIT ACCESS TRAVEL DISTANCE
- FIRE EXTINGUISHER / CABINET
- DRINKING FOUNTAIN
- MEANS OF EGRESS



CODE ANALYSIS

2018 WISCONSIN COMMERCIAL BUILDING CODE (SPS 381-366)
2015 INTERNATIONAL EXISTING BUILDING CODE
2015 INTERNATIONAL BUILDING CODE
ASSEMBLY OCCUPANCY, GROUP A-3
BUSINESS OCCUPANCY, GROUP B

ZONING: CITY OF WEST BEND ORDINANCES

CONSTRUCTION CLASSIFICATION

NEW CONSTRUCTION AND LEVEL II ALTERATION
TYPE OF CONSTRUCTION, PROTECTED, TYPE IB - SPRINKLERED

FIRE RESISTANCE RATING FOR BUILDING ELEMENTS

PRIMARY STRUCTURAL FRAME	2 HR	IBC 2015 601, TABLE 601
BEARING WALLS:		
EXTERIOR	2 HR	IBC 2015 601, TABLE 601
INTERIOR	2 HR	IBC 2015 601, TABLE 601
NON-BEARING WALLS:		
EXTERIOR	0 HR	IBC 2015 602, TABLE 602
INTERIOR	0 HR	IBC 2015 601, TABLE 601
FLOOR CONSTRUCTION	2 HR	IBC 2015 601, TABLE 601
ROOF CONSTRUCTION	1 HR	IBC 2015 601, TABLE 601
ROOF CLASSIFICATION	CLASS B	IBC 2015 1505, TABLE 1505.1
FIRE ENCLOSURE		
(STAIRS, ELEVATOR, SHAFTS)	2 HR	IBC 2015 713.4 / 1023.2
CORRIDOR WALLS	0 HR	IBC 2015 1020, TABLE 1020.1

FIRE RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS
BASED ON FIRE SEPARATION DISTANCE (TABLE 602)

X < 5'	1 HR
5' ≤ X < 10'	1 HR
10' ≤ X < 30'	1 HR
X ≥ 30'	0 HR

FIRE PROTECTION

AUTOMATIC SPRINKLER SYSTEM PER IBC 903.3.1.1 AND NFPA 13
FIRE ALARM SYSTEM
AUTOMATIC FIRE DETECTION SYSTEM

EXIT EGRESS

EXIT ABLES SERVING MEP EQUIPMENT (PER 2015 IBC TABLE 1020.2):
24"

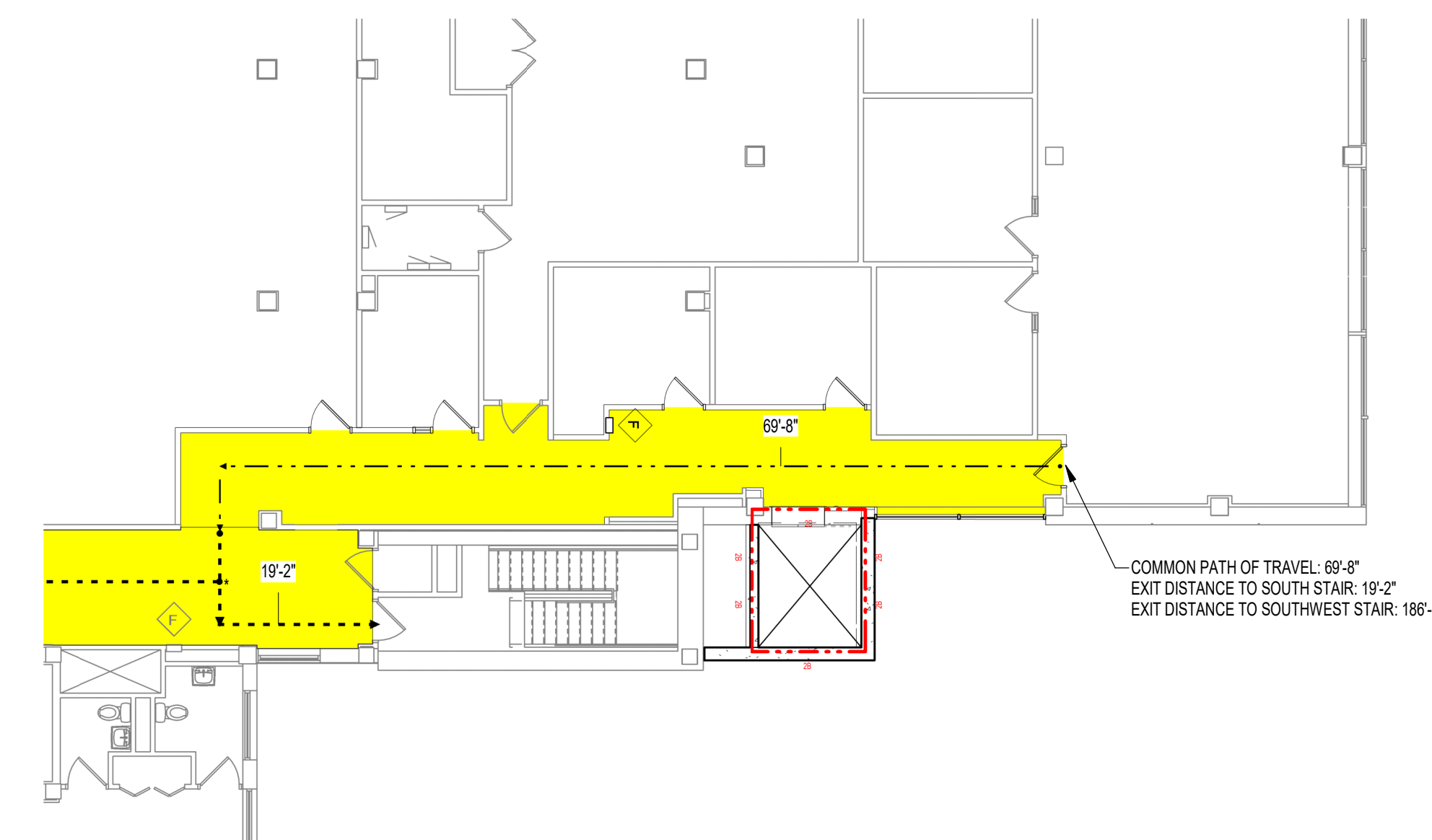
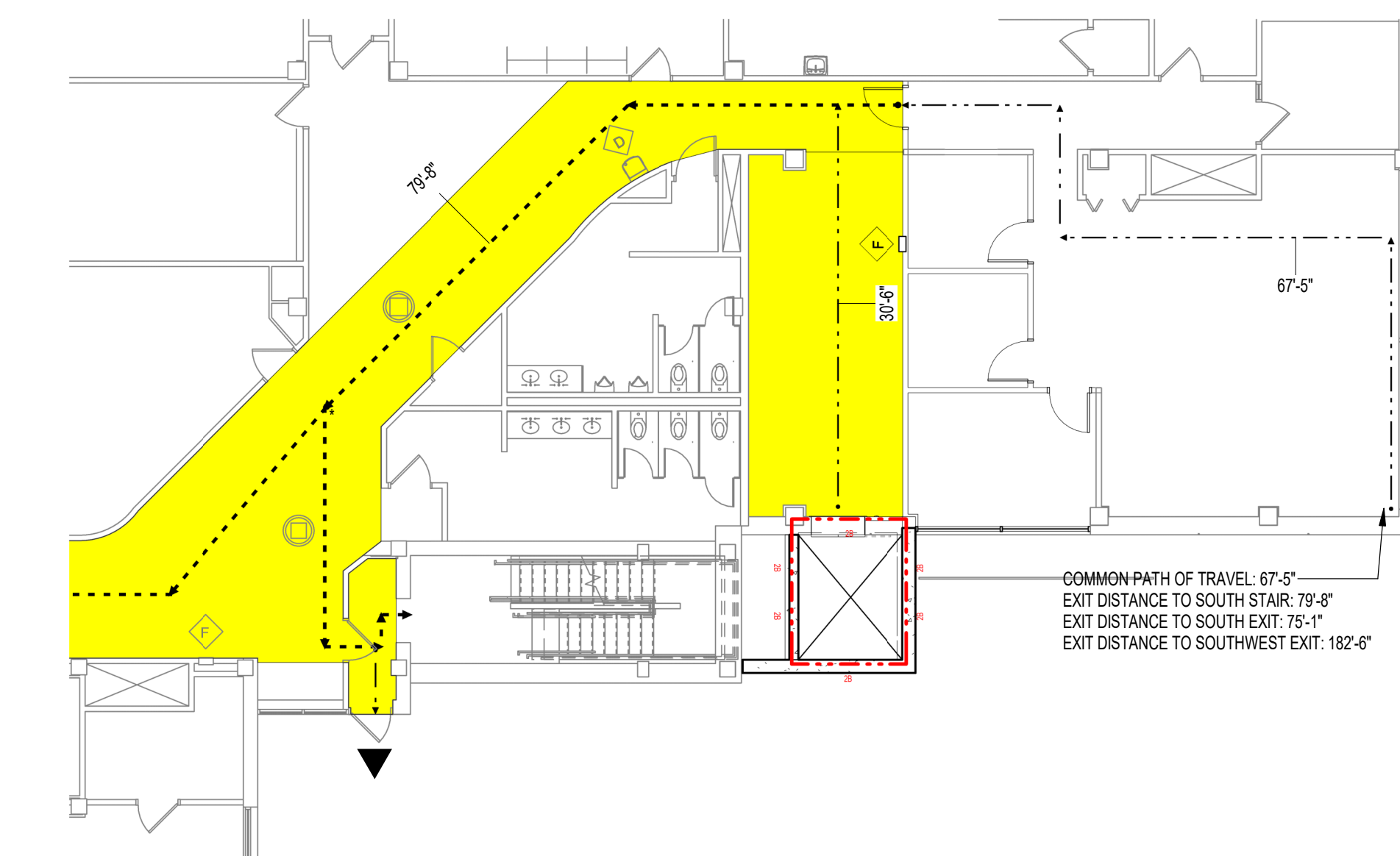
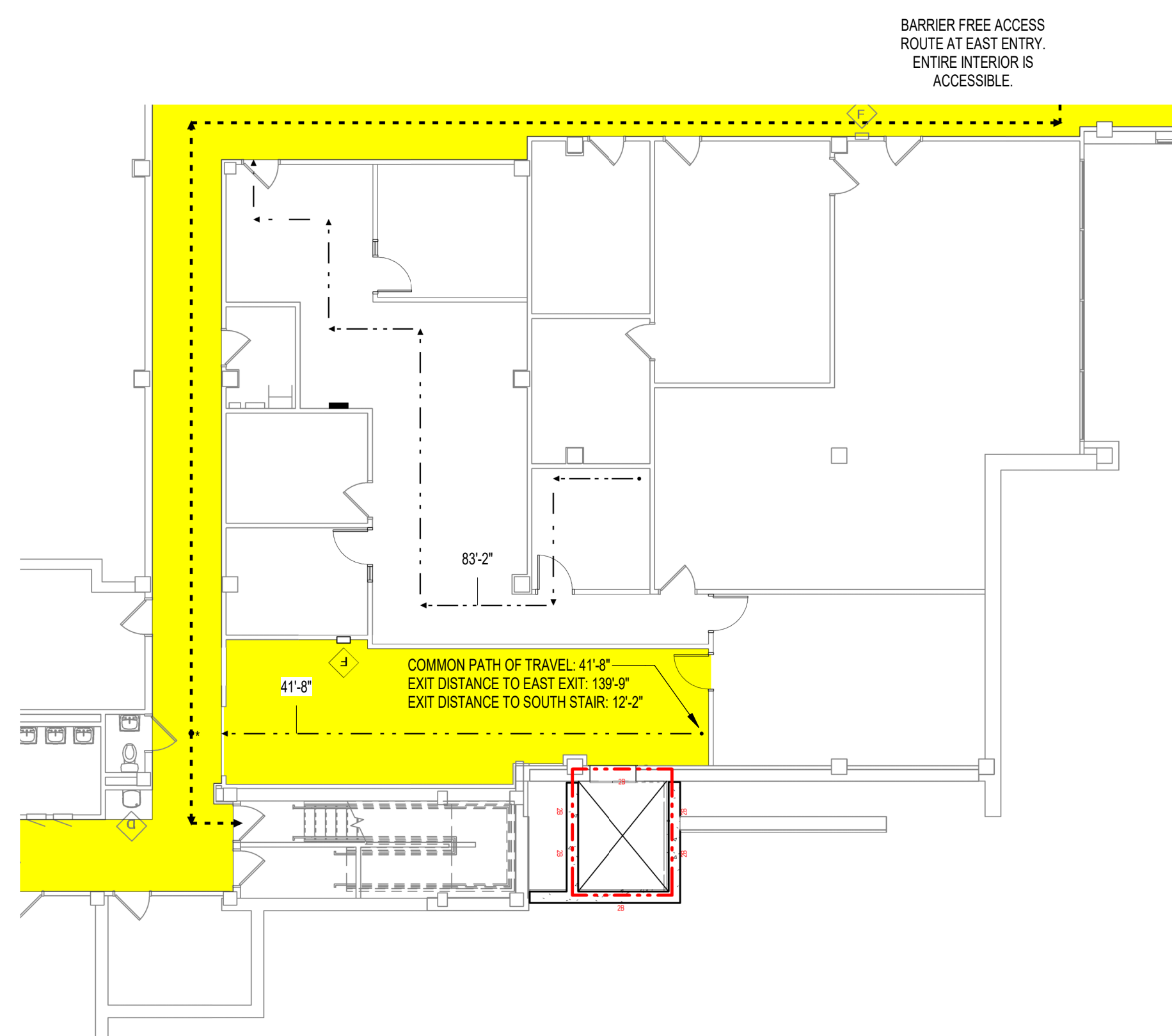
DEAD END CORRIDORS (FULLY SPRINKLED) (PER 2015 IBC SECTION 1020.4):
50' MAX.

COMMON PATH OF TRAVEL (PER 2015 IBC TABLE 1006.2.1):
100' MAX.

MAXIMUM TRAVEL DISTANCE TO AN EXIT (PER 2015 IBC TABLE 1017.2):
300' MAX. FROM THE REMOTEST POINT IN A ROOM

ADA ACCESS ROUTE

REFER TO SHEET A050



DRAWN BY: EIG 7/18/2023 10:57:40 AM

FIRST FLOOR LIFE SAFETY PLAN

SECOND FLOOR LIFE SAFETY PLAN

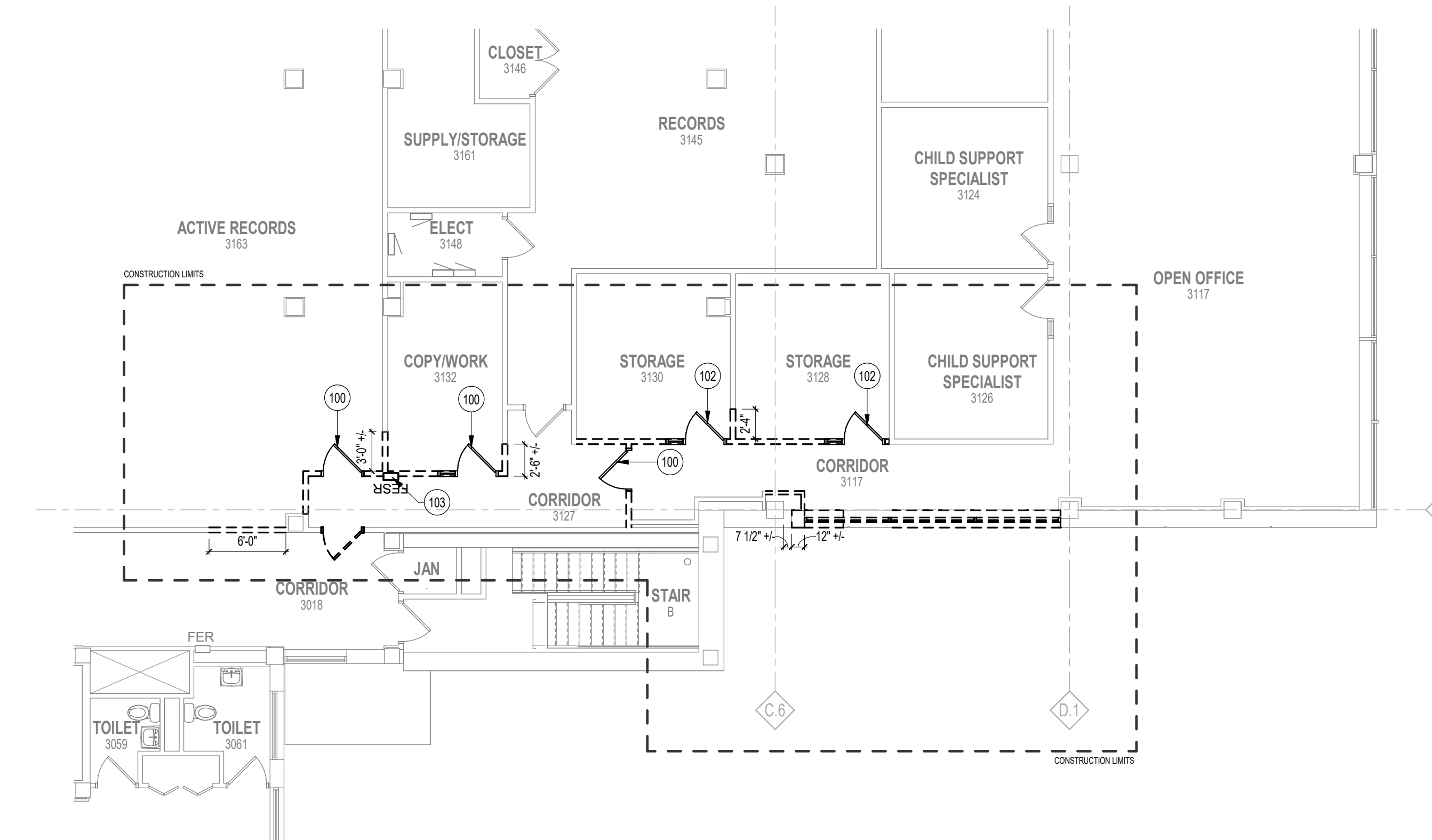
THIRD FLOOR LIFE SAFETY PLAN

1432 E. WASHINGTON STREET, WEST BEND, WI 53095
PLUNKETT RAYSICH ARCHITECTS, LLP
1-952-448-8905
1979 main street, suite 201, waupunau, wisconsin 53186
2310 concordia drive, suite 2000, madison, wisconsin 53718

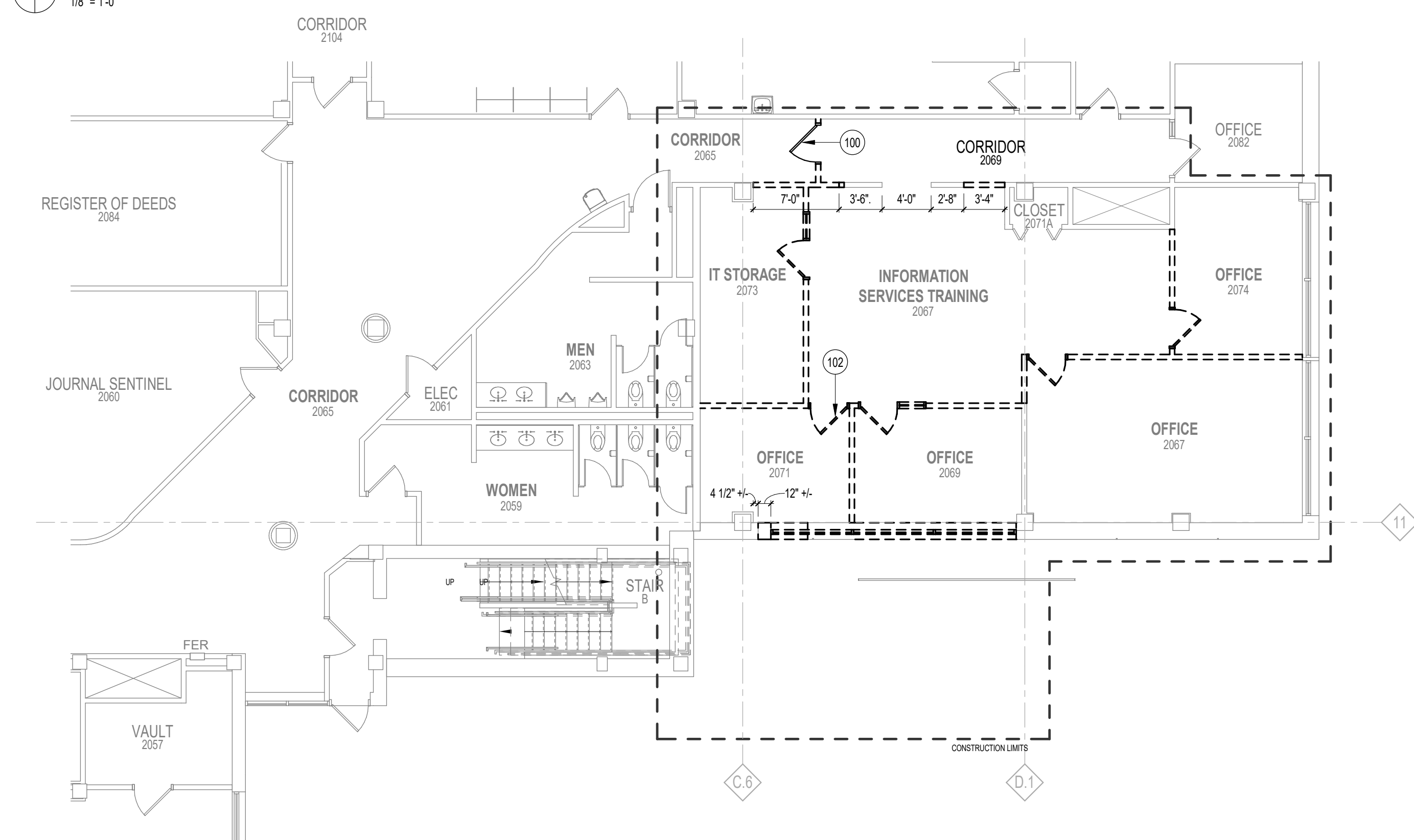
prai PLUNKETT RAYSICH ARCHITECTS, LLP

WASHINGTON COUNTY
HERBERT J. TENNIES GOVERNMENT CENTER ELEVATOR ADDITION
432 E. WASHINGTON STREET, WEST BEND, WI 53095

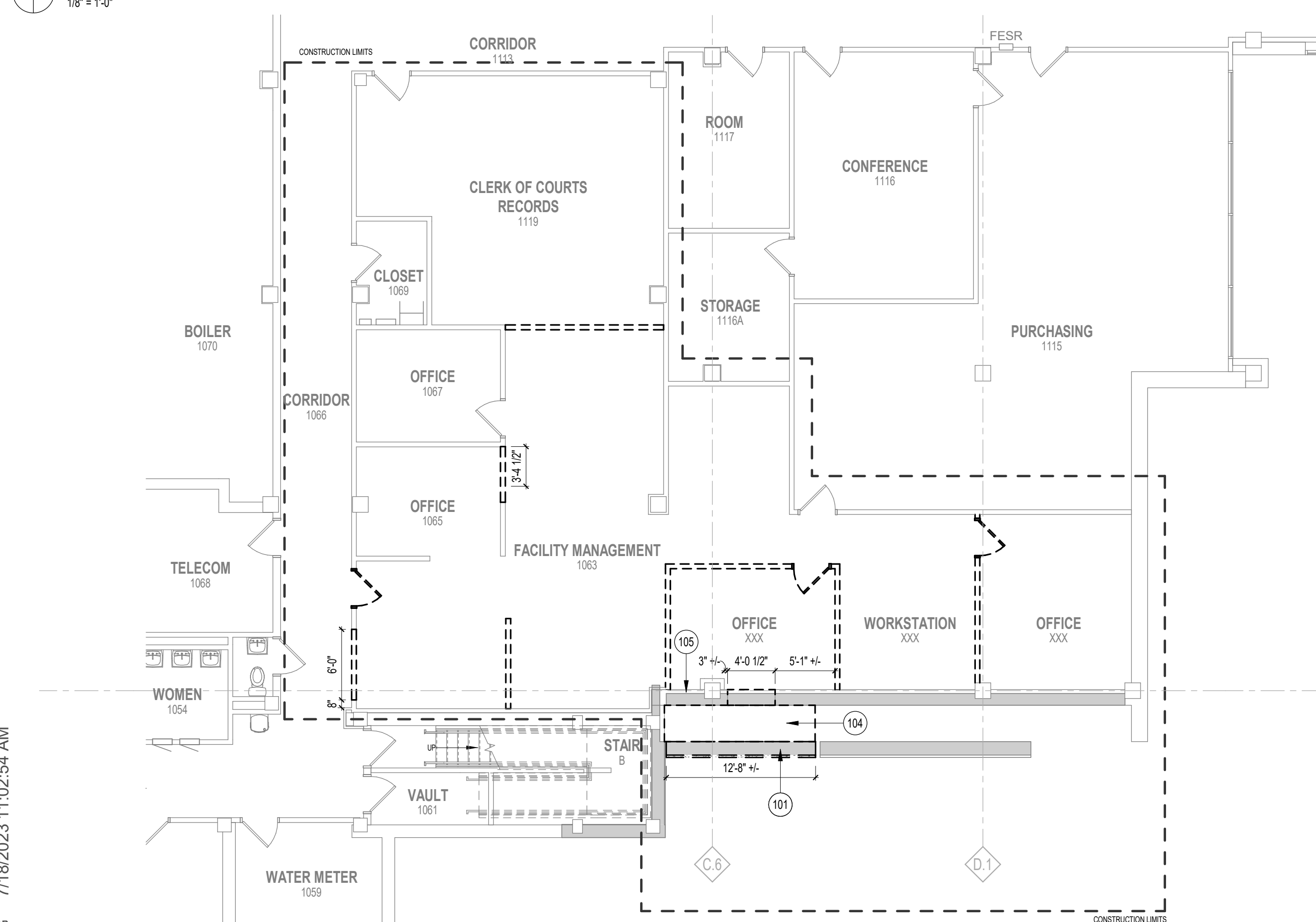
REVISIONS:
CONSTRUCTION SET
DATE: 07/18/2023
JOB NO: 230105-01
SHEET NO:
A050



THIRD FLOOR DEMOLITION PLAN
1/8" = 1'-0"

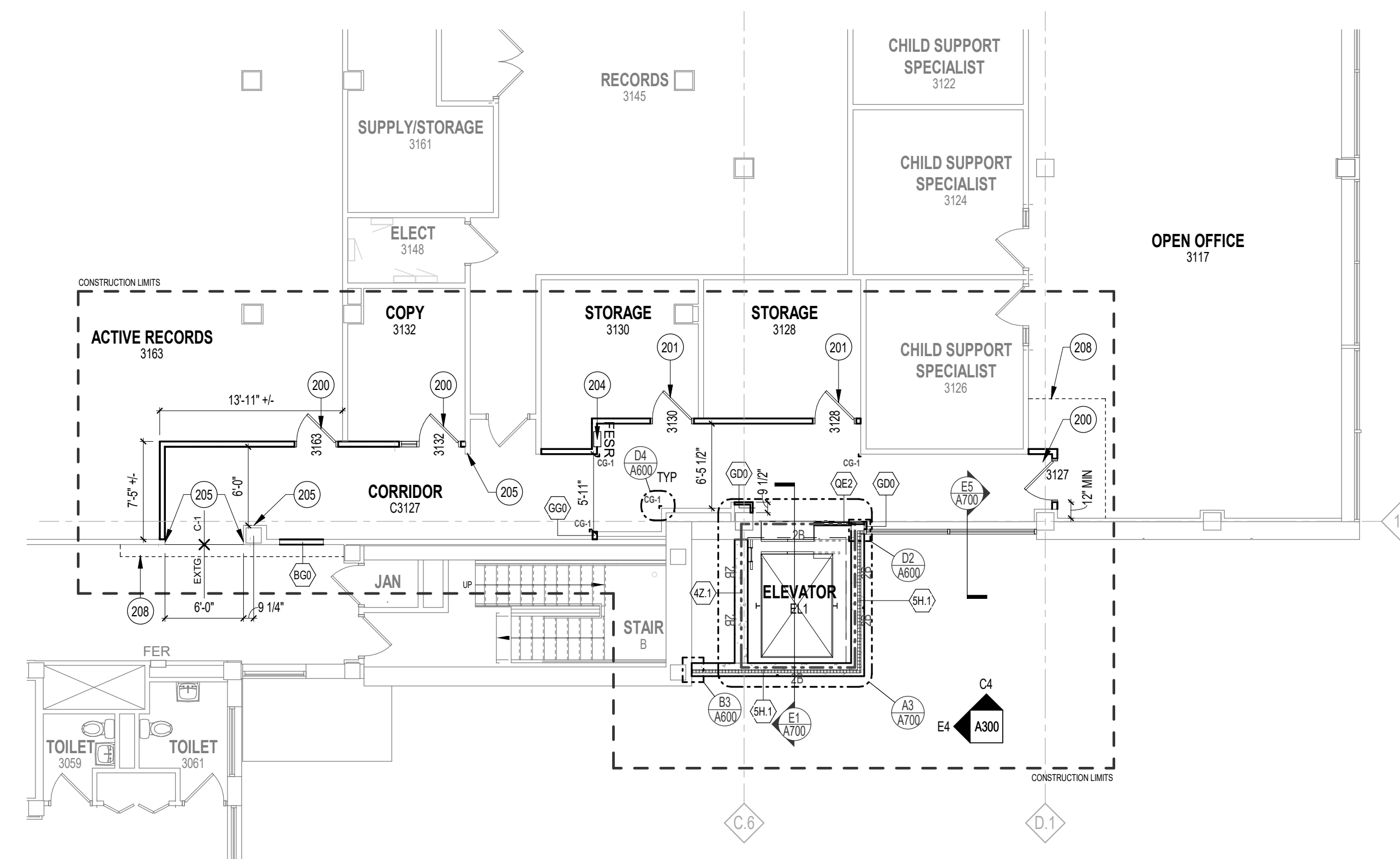


THIRD FLOOR PLAN
1/8" = 1'-0"

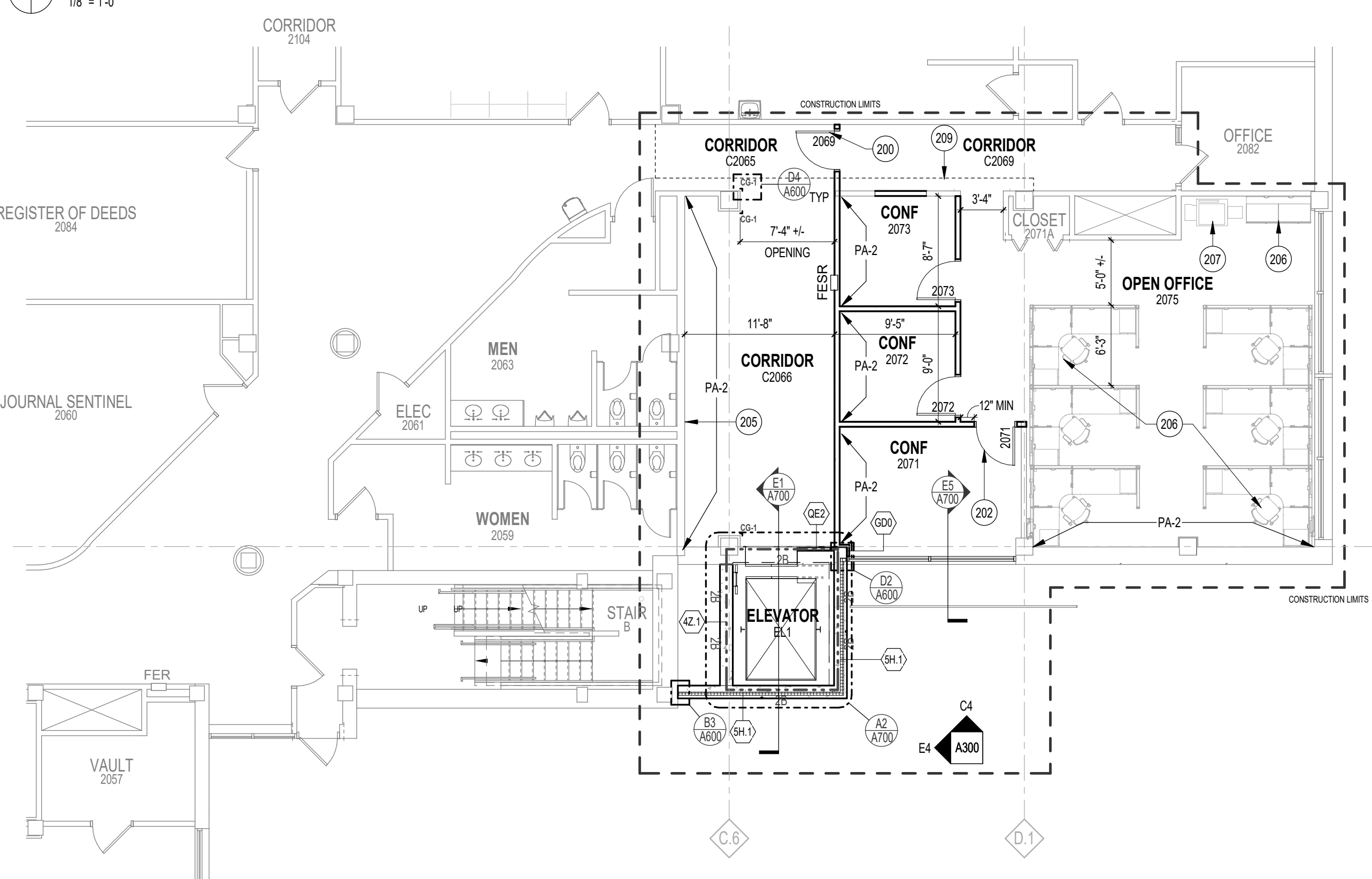


SECOND FLOOR DEMOLITION PLAN
1/8" = 1'-0"

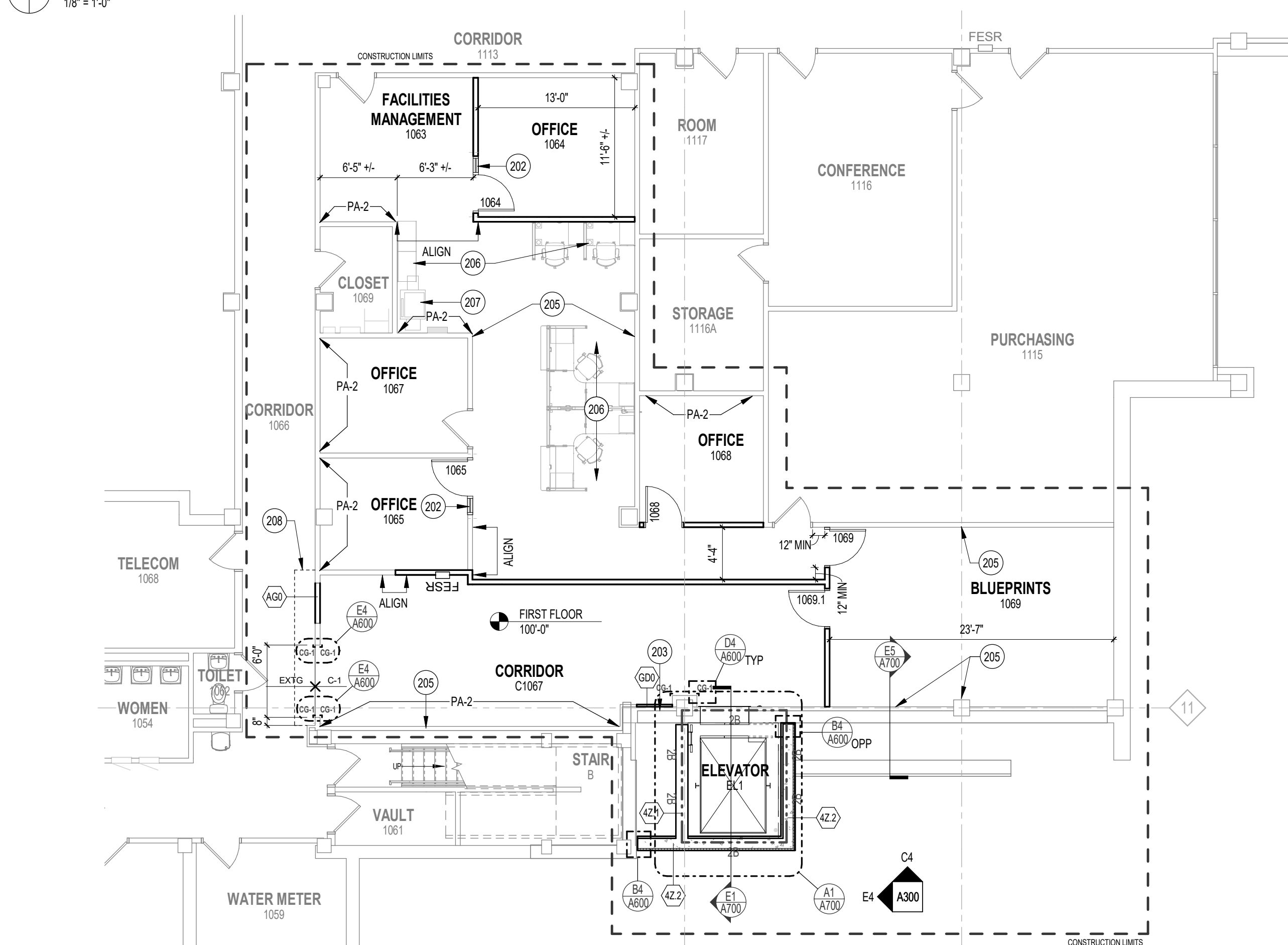
SECOND FLOOR PLAN
1/8" = 1'-0"



THIRD FLOOR PLAN
1/8" = 1'-0"

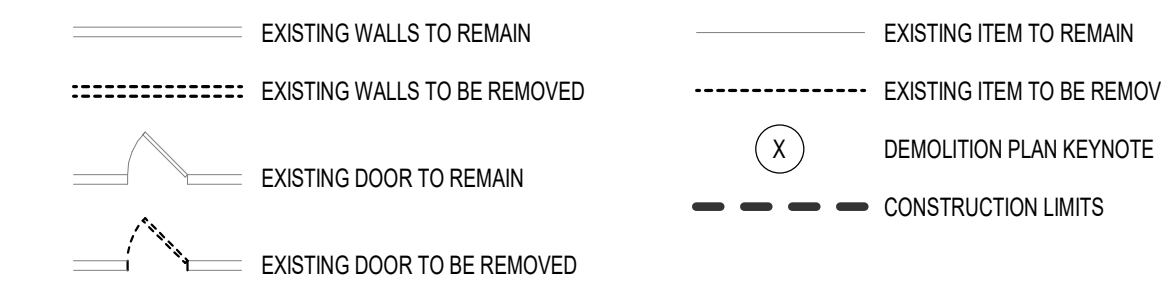


SECOND FLOOR PLAN
1/8" = 1'-0"



FIRST FLOOR PLAN
1/8" = 1'-0"

DEMOLITION PLAN - SYMBOLS LEGEND



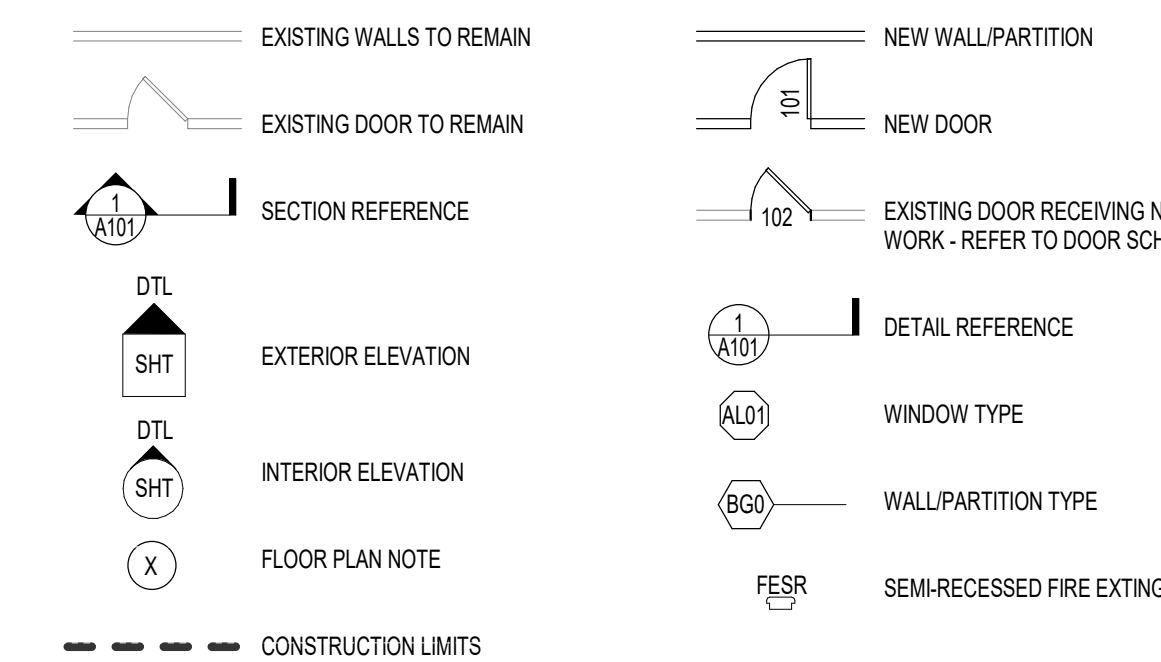
DEMOLITION PLAN - GENERAL NOTES

- VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE. PORTIONS OF EXISTING CONSTRUCTION MAY HAVE BEEN REMOVED BY OWNER.
- VERIFY EXACT COMPOSITION OF EXISTING WALLS TO BE REMOVED.
- REMOVE FLOOR FINISHES WHERE NEW FLOORING IS INDICATED IN ROOM FINISH SCHEDULE.
- REMOVE SUSPENDED CEILING AND RELATED HANGERS, OR GYPSUM BOARD PLASTER CEILING WHERE NEW CEILING IS INDICATED ON REFLECTED CEILING PLAN OR ROOM FINISH SCHEDULE.
- REMOVE ALL COLUMN FINISHES, INCLUDING GYPSUM BOARD AND FURRINGS, FROM EXISTING STRUCTURAL COLUMNS AS NOTED.
- REMOVE ALL INTERIOR AND WALL MOUNTED ITEMS IN AREAS TO BE REMODELED (REFER TO ROOM FINISH SCHEDULE) INCLUDING BUT NOT LIMITED TO, CABINETS, EQUIPMENT, SHELVING, HOOK STRIPS, WALL AND CEILING TRIM, BASE.
- REFER TO PLUMBING, HVAC AND ELECTRICAL PLANS FOR ADDITIONAL DEMOLITION ITEMS AND NOTES. COORDINATE WORK WITH PLUMBING, HVAC AND ELECTRICAL REQUIREMENTS.
- COORDINATE DEMOLITION OF LOAD BEARING WALLS WITH STRUCTURAL PLANS.
- MAINTAIN CONTINUOUS UTILITY SERVICE TO ALL SPACES IN THE BUILDING NOT AFFECTED BY THIS WORK. COORDINATE WITH OWNER ANY DISRUPTION IN SERVICES REQUIRED TO PERFORM WORK OR TO MODIFY EXISTING PIPING, DUCTWORK OR ANY ASSOCIATED EQUIPMENT.
- CONSTRUCT A DUST-PROOF PARTITION TO SEPARATE AREAS OF CONSTRUCTION FROM ADJACENT OCCUPIED AREAS OUTSIDE SCOPE OF CONSTRUCTION. REFER TO DETAIL E6 / A600

DEMOLITION PLAN NOTES

MARK	DESCRIPTION
100	SAVE DOOR, FRAME AND DOOR HARDWARE FOR RELOCATION.
101	PARTIAL DEMOLITION OF RETAINING WALL, CAP AND RAILING.
102	SAVE FRAME FOR RELOCATION.
103	SAVE SEMI-RECESSED FIRE EXTINGUISHER CABINET FOR RELOCATION.
104	REMOVE PORTION OF EXISTING CONCRETE STRUCTURAL SLAB.
105	CUT OPENING FOR 24x36 RATED ACCESS PANEL.

FLOOR PLAN SYMBOLS LEGEND



FLOOR PLAN GENERAL NOTES

- DIMENSIONS ON FLOOR PLAN ARE BASED ON FACE OF FINISHED WALL TO FACE OF FINISHED WALL (NOMINAL).
 - VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE. PORTIONS OF EXISTING CONSTRUCTION MAY HAVE BEEN REMOVED BY OWNER.
 - MAINTAIN CONTINUOUS UTILITY SERVICE TO ALL SPACES IN THE BUILDING NOT AFFECTED BY THIS WORK. COORDINATE WITH OWNER ANY DISRUPTION IN SERVICES REQUIRED TO PERFORM WORK OR TO MODIFY EXISTING PIPING, DUCTWORK OR ANY ASSOCIATED EQUIPMENT.
 - CONTRACTOR TO VERIFY FLOOR TO FLOOR HEIGHTS.
- GYPSUM BOARD PARTITIONS GENERAL NOTES
- ALL GYPSUM BOARD PARTITIONS SHALL BE (60) UNLESS OTHERWISE NOTED ON FLOOR PLAN.
 - GYPSUM BOARD PARTITION DIMENSIONS ON FLOOR PLAN ARE BASED ON FACE OF FINISHED PARTITION TO FACE OF FINISHED PARTITION (NOMINAL).
 - REFER TO GYPSUM BOARD SPECIFICATION FOR LOCATION AND TYPES) OF GYPSUM BOARD MATERIAL REQUIRED.
 - PROVIDE FIRE RATED GYPSUM BOARD AT ALL FIRE RATED PARTITIONS.
 - SEAL ALL WALL PENETRATIONS AT PERIMETER AND FIRESTOP ALL FIRE RATED PARTITIONS.
 - EXTEND ALL GYPSUM BOARD PARTITIONS FULL HEIGHT TO UNDERSIDE OF PRECAST ABOVE.

EXTERIOR WALL TYPES

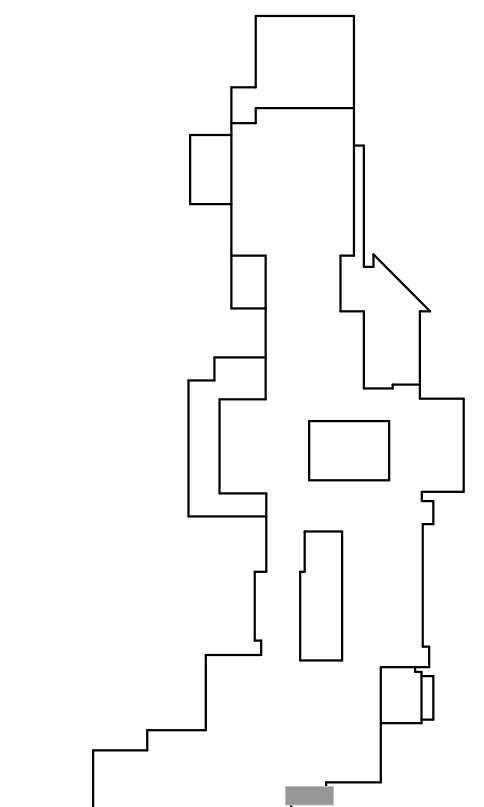
MARK	ASSEMBLY DESCRIPTION
1G-1	EXTERIOR STUD WALL CONSISTING OF 5/8" EXTERIOR GYPSUM SHEATHING, 6" GALVANIZED COLD FORMED STEEL STUDS @ 16" OC W/ INSULATION.
4Z-1	12" CAST IN PLACE CONCRETE WALL.
4Z-2	12" CAST IN PLACE CONCRETE WALL WITH WATERPROOFING AND 2" RIGID INSULATION.
5H-1	INSULATED ARCHITECTURAL PRECAST CONCRETE WALL PANEL SYSTEM CONSISTING OF 6" STRUCTURAL PANEL, 3" RIGID INSULATION AND 3" SMOOTH CONCRETE EXTERIOR FACE WITH EXPOSED AGGREGATE AT EXTERIOR FACE TO MATCH EXISTING.

INTERIOR PARTITION TYPES

MARK	ASSEMBLY DESCRIPTION	FIRE RATING	UL	INSULATION
A00	5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD @ EACH FACE.	-	-	-
B00	3/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD @ EACH FACE.	-	-	3-1/2" SOUND
G00	1-1/2" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	-	-	-
G00	3/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	-	-	-
Q02	2-1/2" STEEL C-H STUDS @ 24" OC ONE LAYER 1" GYPSUM BOARD LINER PANEL @ INTERIOR FACE 2 LAYERS 1/2" GYPSUM BOARD @ EXTERIOR FACE.	2HR	(U415 (B))	-

FLOOR PLAN NOTES

MARK	DESCRIPTION
200	REUSED DOOR FRAME AND DOOR HARDWARE.
201	REUSED DOOR NEW FRAME & HARDWARE.
202	REUSED FRAME.
203	24x36 RATED ACCESS PANEL. REFER TO SPECIFICATIONS.
204	RELOCATED SEMI-RECESSED FIRE EXTINGUISHER CABINET.
205	PATCH WALL WHERE EXISTING WALL WAS DEMOLISHED.
206	FURNITURE BY OWNER.
207	PRINTER/COPPER BY OWNER.
208	EXTENTS OF DUST-PROOF BARRIER.
209	EXTENTS OF DUST-PROOF BARRIER. MUST MAINTAIN EGRESS AT CORRIDORS C2065 AND C2069 THROUGHOUT CONSTRUCTION.

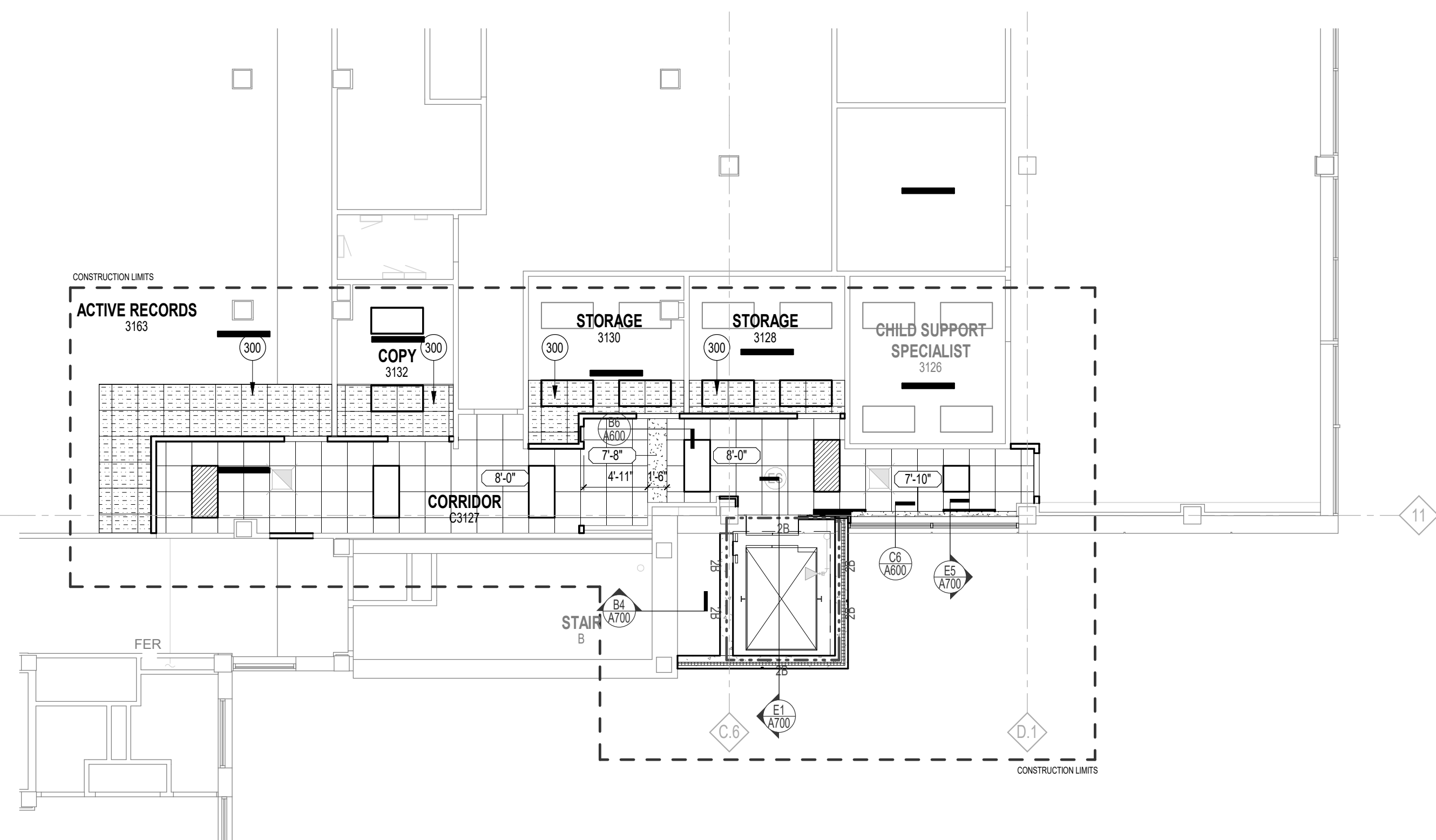


KEY PLAN

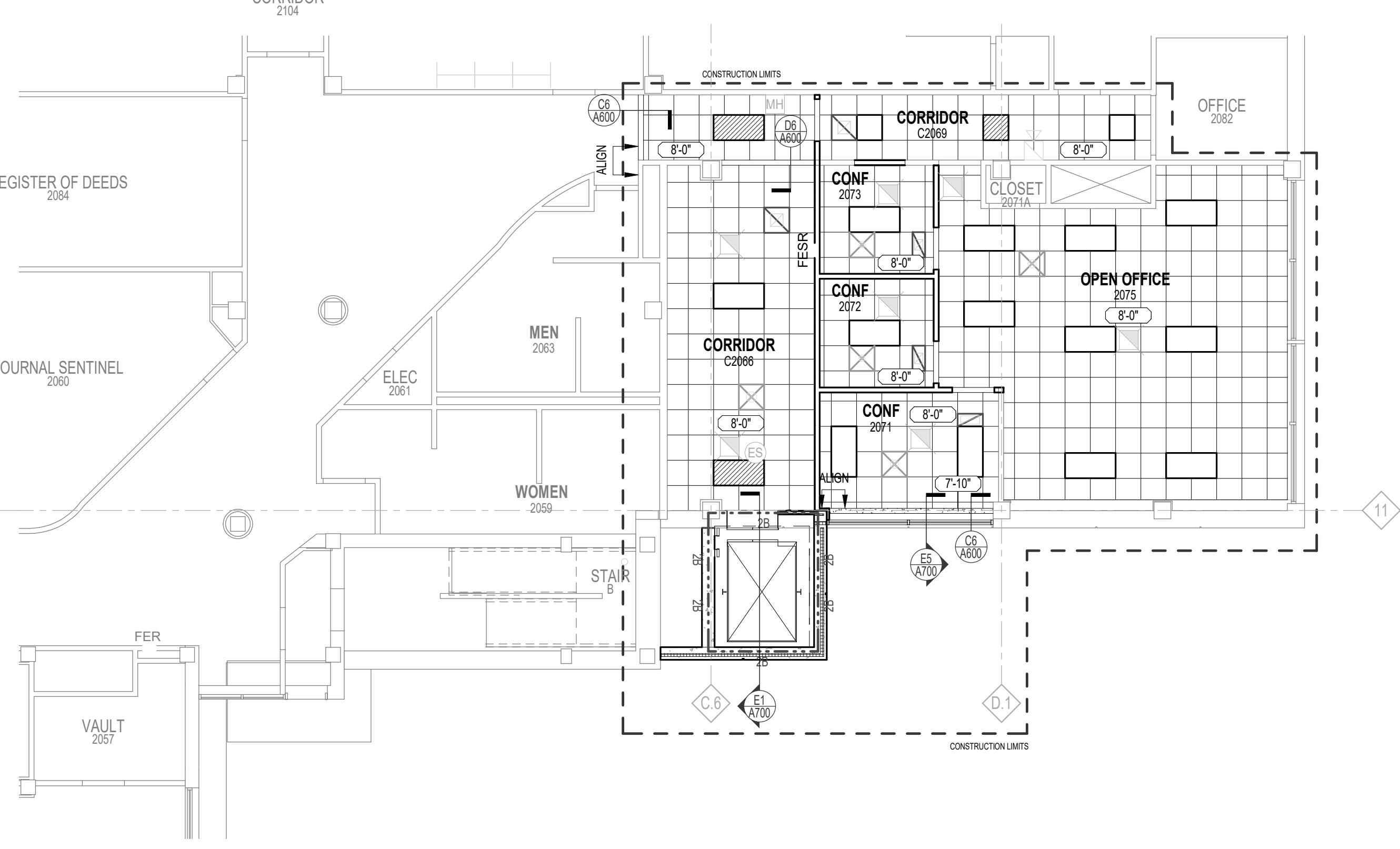
DRAWN BY: EIG 7/18/2023 11:02:54 AM

WASHINGTON COUNTY
 HERBERT J. TENNIES GOVERNMENT CENTER ELEVATOR ADDITION
 432 E. WASHINGTON STREET, WEST BEND, WI 53095
 PLUNKETT RAYSCH ARCHITECTS, LLP
 1430 SOUTH WAVERLY STREET, WASHINGTON, ILLINOIS 62254
 3110 CONROCK DRIVE, SUITE 2000, MADISON, WISCONSIN 53718
 1970 MAIN STREET, SUITE 201, WAUKESHA, WISCONSIN 53095
 311 COMPTON DRIVE, SUITE 2000, WEST BEND, WI 53091

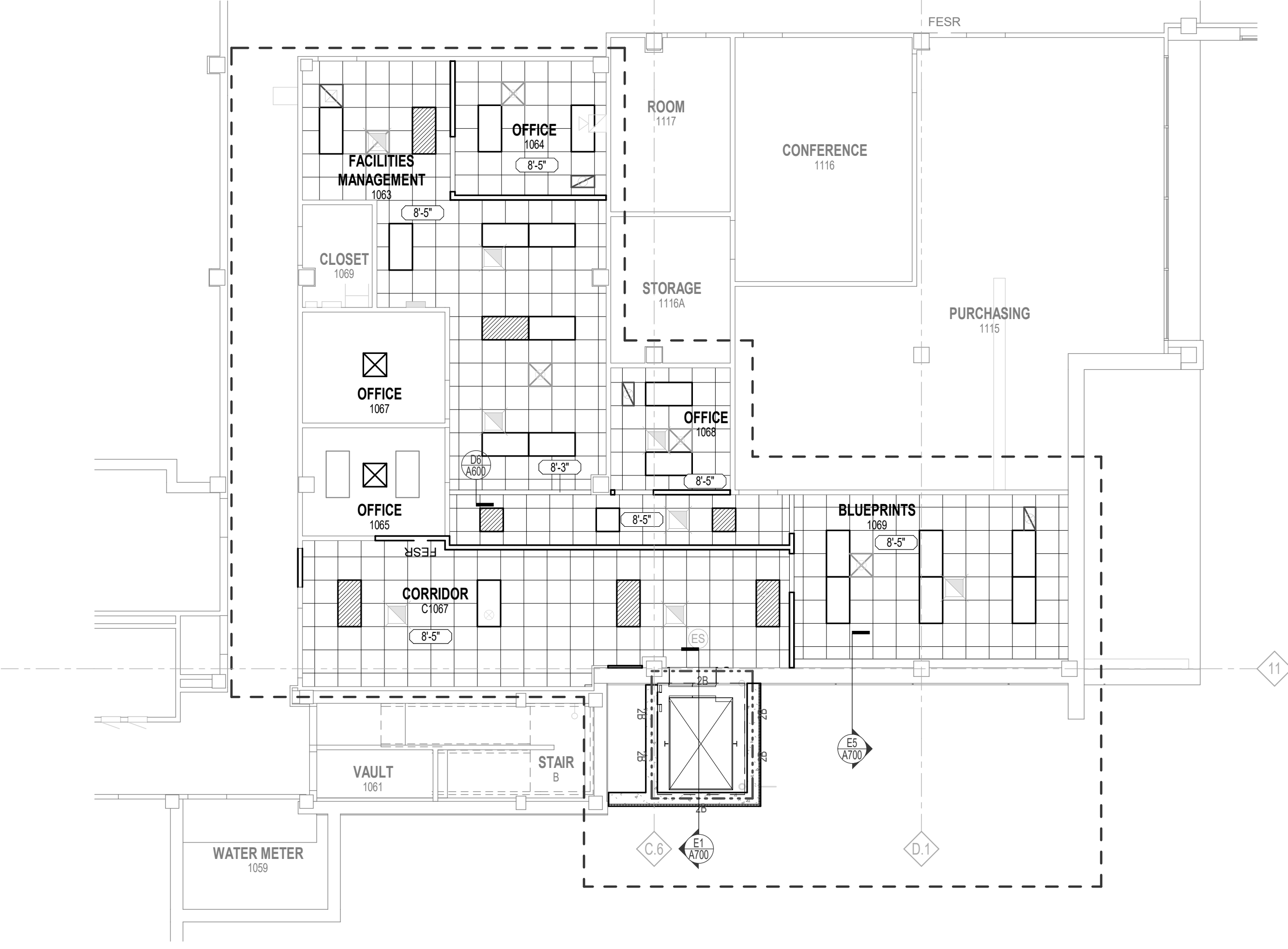
CONSTRUCTION SET
 DATE: 07/18/2023
 JOB NO: 230105-01
 SHEET NO: A200



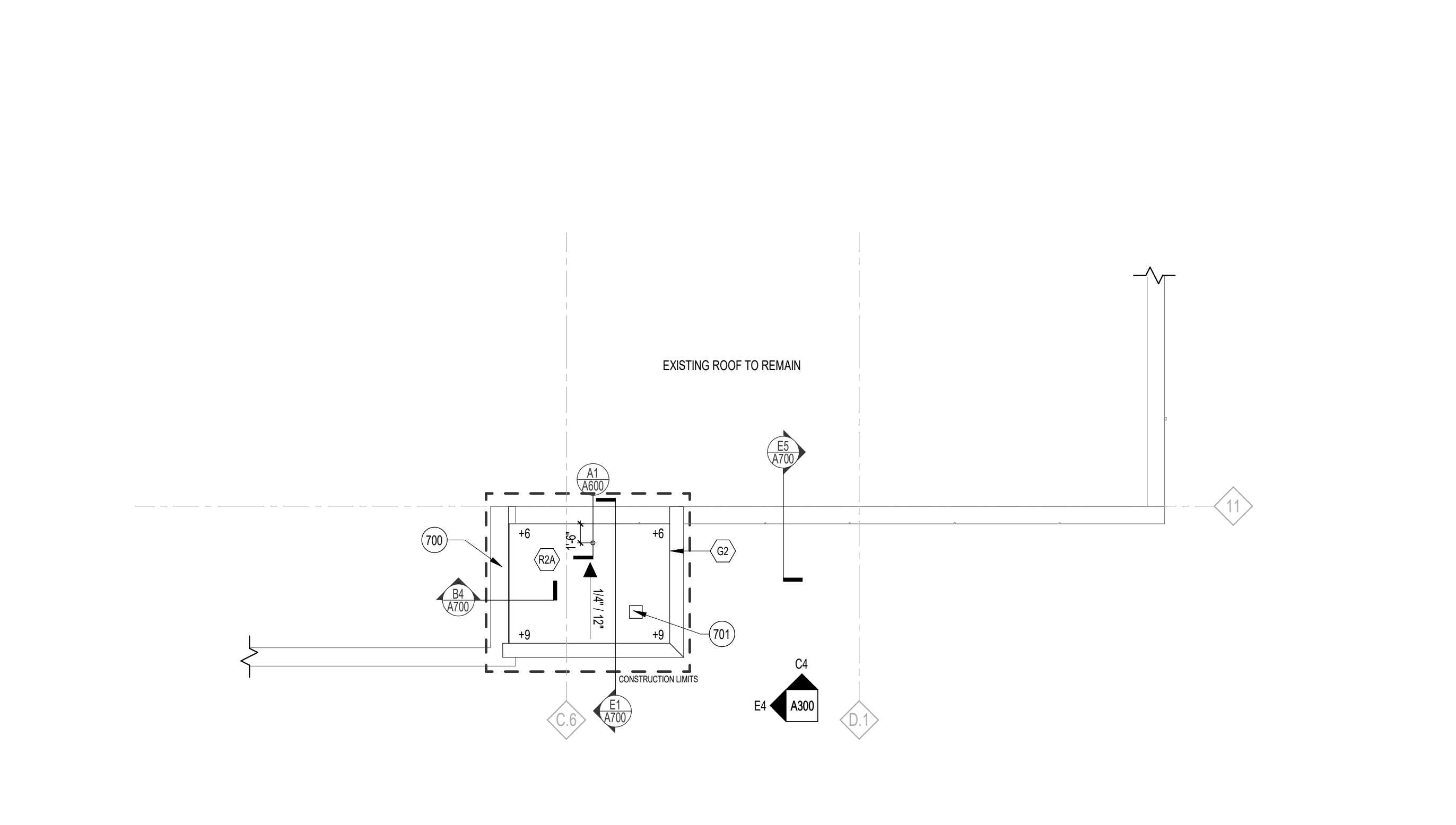
THIRD FLOOR REFLECTED CEILING PLAN
1/8" = 1'-0"



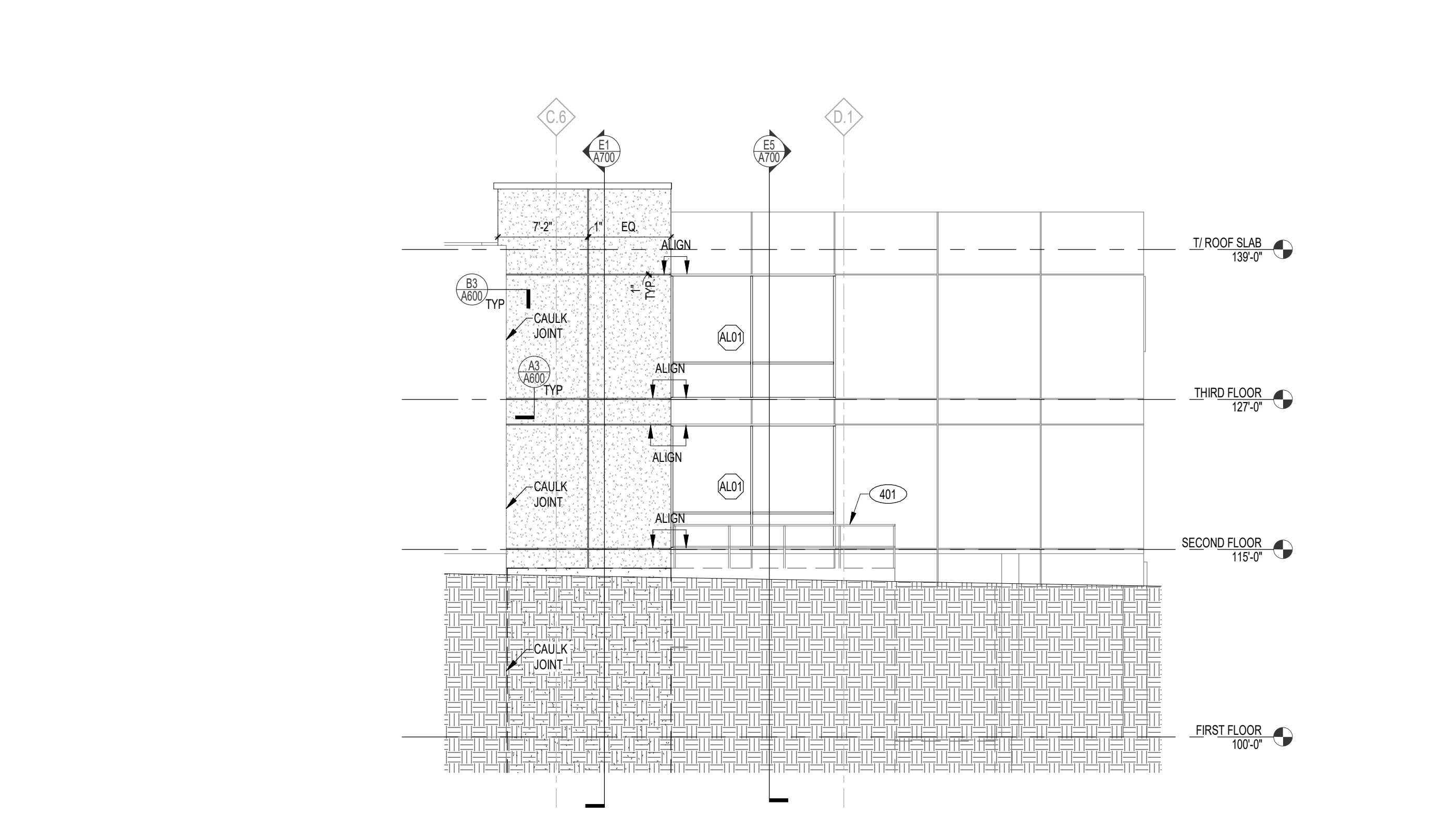
SECOND FLOOR REFLECTED CEILING PLAN
1/8" = 1'-0"



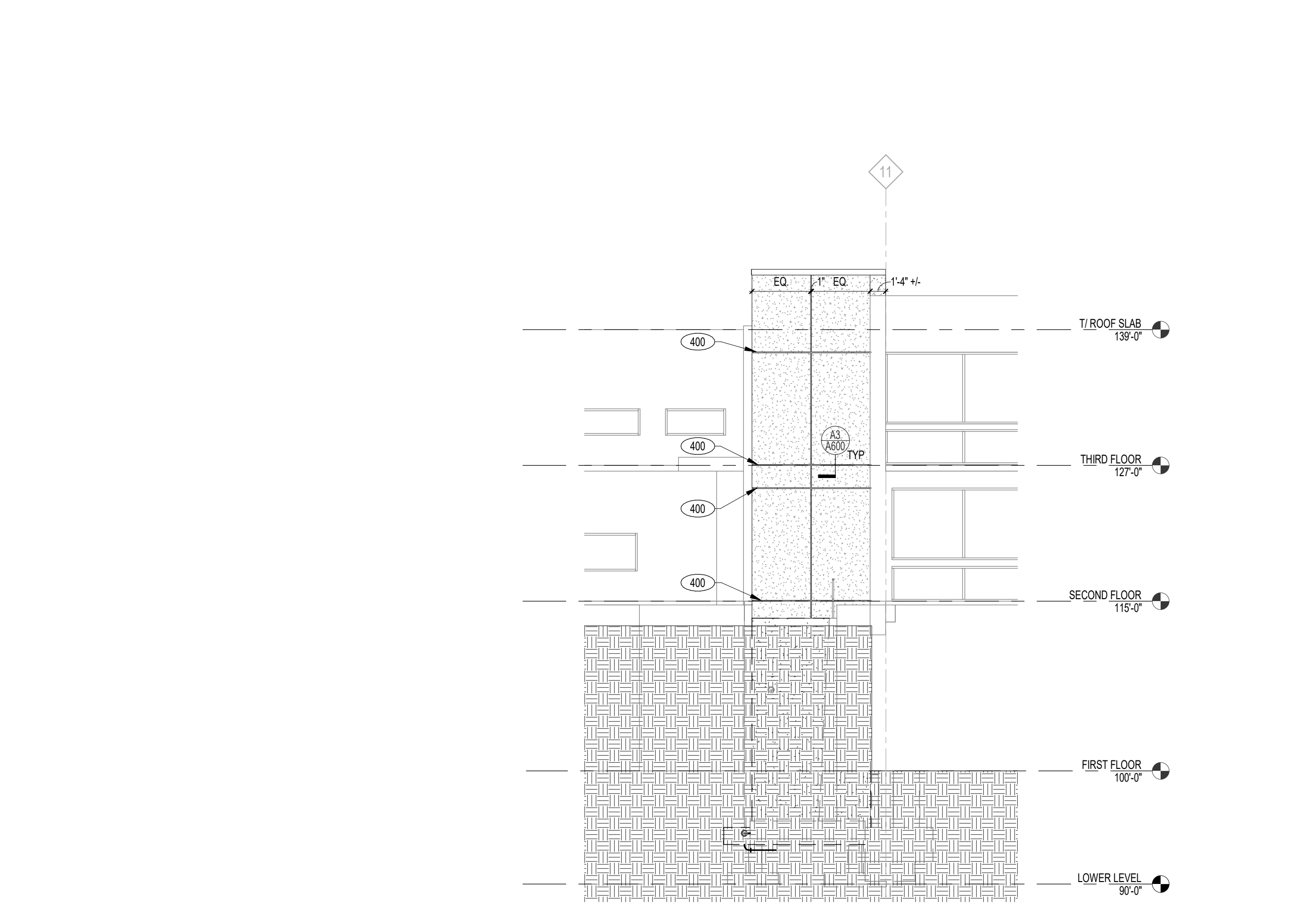
FIRST FLOOR REFLECTED CEILING PLAN
1/8" = 1'-0"



ROOF PLAN
1/8" = 1'-0"



C4 SOUTH ELEVATION
1/8" = 1'-0"



E4 EAST ELEVATION
1/8" = 1'-0"

REFLECTED CEILING PLAN SYMBOLS LEGEND

	2'-0" x 2'-0" SUSPENDED EXPOSED GRID ACOUSTIC CEILING TILE		CEILING HEIGHT
	GYPSUM BOARD CEILING OR BULKHEAD		REFLECTED CEILING PLAN NOTE
	DETAIL REFERENCE		CONSTRUCTION LIMITS
			TWO HOUR RATED FIRE BARRIER

- REFLECTED CEILING PLAN GENERAL NOTES**
- PERIMETER CEILING TILES SHALL NOT BE LESS THAN 4".
 - LOCATE ALL SPRINKLER HEADS, SMOKE DETECTORS, AUDIO SPEAKERS, HEAT SENSORS IN THE CENTER OF CEILING TILE (OR IN THE CENTER OF THE RAISED/RECESSED FIELD OF A PATTERNED TILE).
 - REMOVE EXISTING CEILING SYSTEM WHERE NEW WALLS PENETRATE EXISTING CEILING SYSTEMS TO REMAIN. PATCH TO MATCH EXISTING CEILING SYSTEM TO NEW WALL.
 - CEILING HEIGHTS SHALL BE 9'-0" UNLESS NOTED OTHERWISE ON THE REFLECTED CEILING PLANS.
 - MEP CEILING MOUNTED EQUIPMENT IS SHOWN FOR REFERENCE ONLY. REFER TO MEP DRAWINGS FOR SPECIFIC SYMBOLS AND LEGENDS.
 - REVIEW MEP DRAWINGS FOR WORK REQUIRED ABOVE EXISTING CEILINGS WHICH WILL REQUIRE CEILING REMOVAL FOR INSTALLATION OF NEW DUCTWORK, PIPING, CONTROL WIRING, CONDUIT, FIXTURES, EQUIPMENT, ETC. THIS WORK MAY BE REQUIRED ON, ABOVE, OR BELOW FLOOR OF CONSTRUCTION. REMOVE EXISTING CEILINGS FOR AFFECTED TRADES AND REPLACE CEILINGS TO ORIGINAL CONDITION.

CEILING ASSEMBLIES

MARK	CONSTRUCTION DESCRIPTION
C1A	2x2 LAY-IN CEILING PANELS IN EXPOSED GRID SYSTEM SUSPENDED FROM STRUCTURE ABOVE.
C2	5/8" GYPSUM BOARD CEILING ON METAL SUSPENSION SYSTEM SUSPENDED FROM STRUCTURE ABOVE.

REFLECTED CEILING PLAN NOTES

MARK	DESCRIPTION
300	USE SALVAGED EXISTING CEILING TILES. EXTENTS OF PATCHING TO BE VERIFIED IN FIELD.

ROOF PLAN SYMBOLS LEGEND

	DIRECTION OF INSULATION TAPER SLOPE TO DRAIN
	DETAIL REFERENCE
	TAPERED INSULATION THICKNESS
	ROOF PLAN NOTE
	CONSTRUCTION LIMITS

- ROOF PLAN GENERAL NOTES**
- COORDINATE AND VERIFY ALL ROOF OPENINGS AND PENETRATIONS WITH STRUCTURAL, PLUMBING, HVAC, AND ELECTRICAL REQUIREMENTS.
 - PROVIDE WATER TIGHT INTEGRITY AT ALL PENETRATIONS AND EQUIPMENT PER ROOFING MANUFACTURERS STANDARD DETAILS AND REQUIREMENTS FOR WARRANTY AND CURRENT NRCA STANDARDS.
 - PROVIDE POSITIVE ROOF DRAINAGE INCLUDING TAPERED INSULATION LAYOUT.
 - MINIMUM ALLOWABLE INSULATION TAPER SLOPE SHALL BE 1/4" PER FOOT UNLESS NOTED OTHERWISE.

ROOF ASSEMBLIES

MARK	CONSTRUCTION DESCRIPTION
R2A	SINGLE PLY ROOFING SYSTEM FULLY ADHERED EPDM MEMBRANE ON 1/4" COVERBOARD ON RIGID INSULATION (AVG-R-30) (ON VAPOR RETARDER) ON 8" PRECAST.

ROOF PLAN NOTES

MARK	DESCRIPTION
700	REMOVE EXISTING COPING AND PREP FOR NEW PARAPET WALL. NEW EPDM MEMBRANE TO COVER EXISTING TOP OF WALL AND TIE-IN AT EXISTING ROOF.
701	APPROXIMATE LOCATION OF HOISTWAY EXHAUST FAN. PROVIDE 14" HIGH INSULATED CURB. COORDINATE EXACT LOCATION WITH ALL DISCIPLINES AND ELEVATOR MANUFACTURER.

EXTERIOR ELEVATIONS SYMBOLS LEGEND

	SECTION REFERENCE		DETAIL REFERENCE
	ELEVATION NOTE		WINDOW TYPE
			CONSTRUCTION KEYNOTE

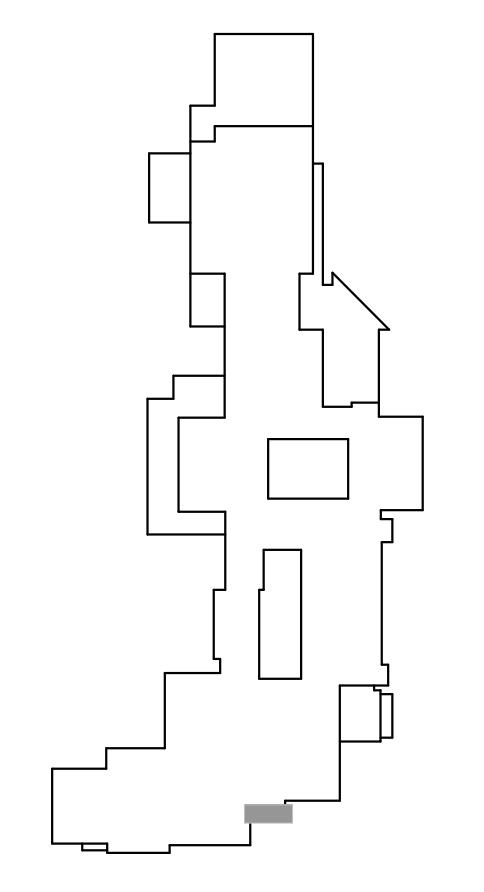
EXTERIOR FINISH PATTERNS

	ARCHITECTURAL PRECAST SANDWICH PANEL
--	--------------------------------------

- EXTERIOR ELEVATIONS GENERAL NOTES**
- PAINT ALL EXPOSED STEEL LINTELS TO MATCH ADJACENT WALL COLOR.
 - REFER TO SHEET A880 FOR WINDOW FRAME ELEVATIONS.
 - SEALANT COLORS TO MATCH ADJACENT FINISHED SURFACES.

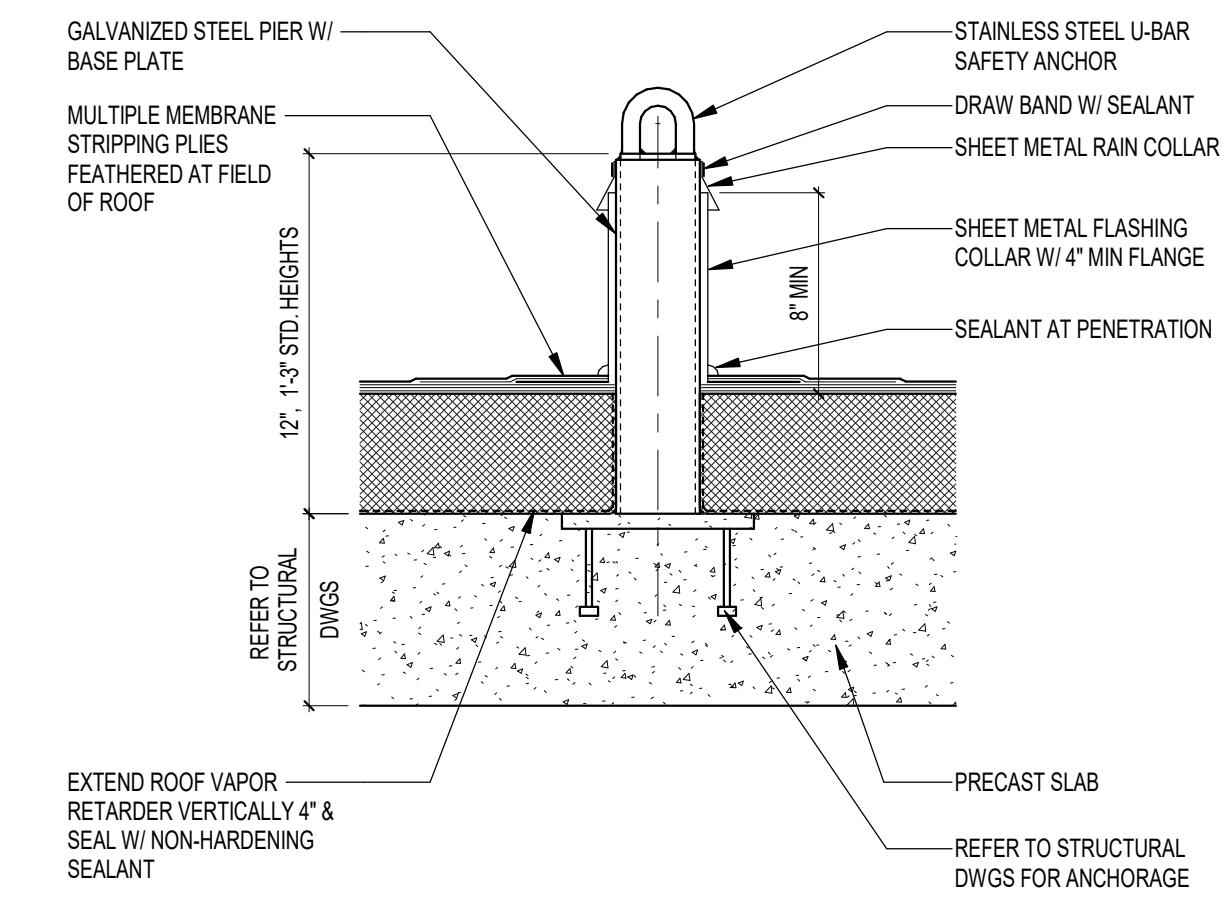
EXTERIOR ELEVATION NOTES

MARK	DESCRIPTION
400	ALIGN REVEAL WITH SOUTH ELEVATION.
401	REPAIR AND REPAINT MODIFIED EXISTING RAILING.

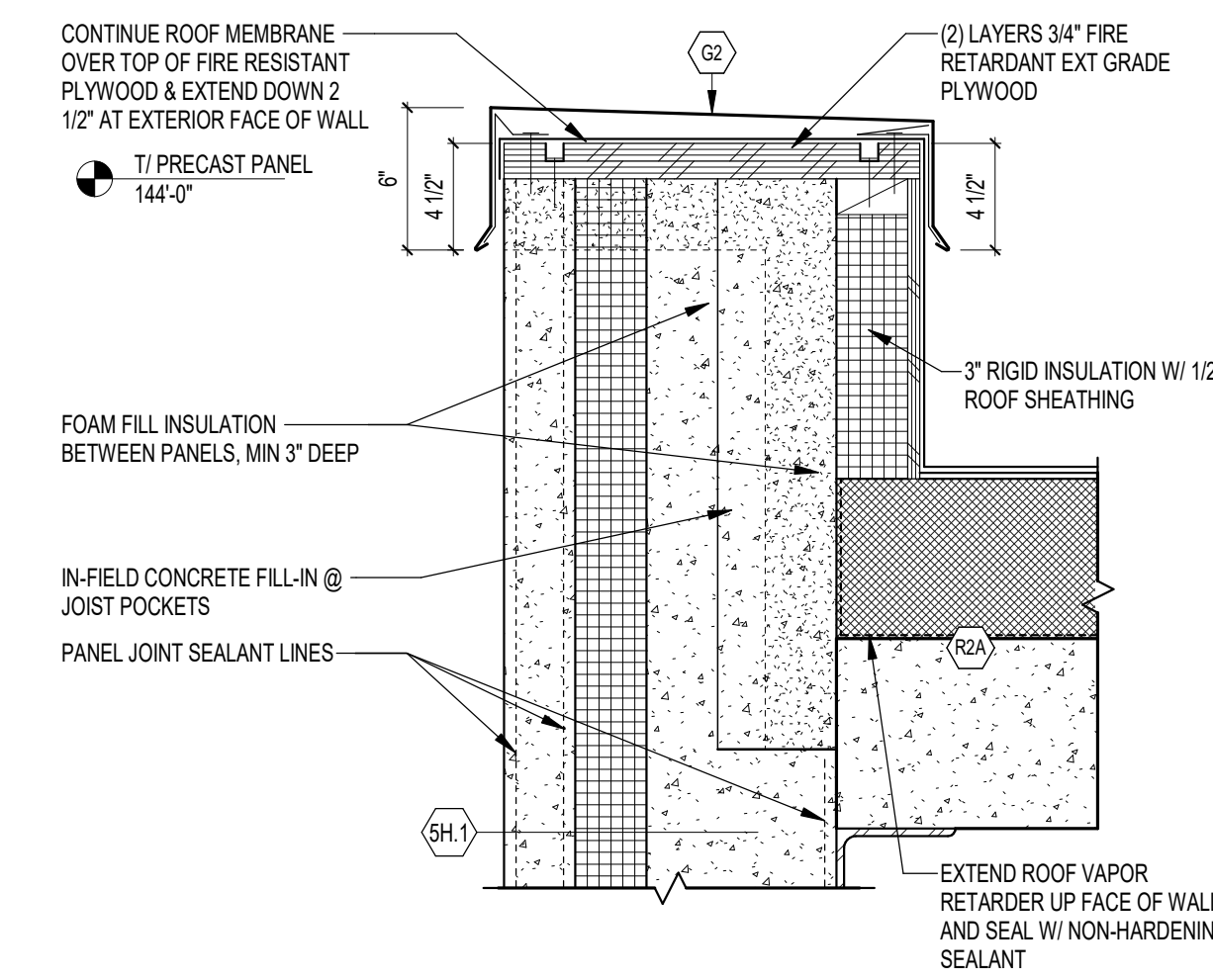


KEY PLAN

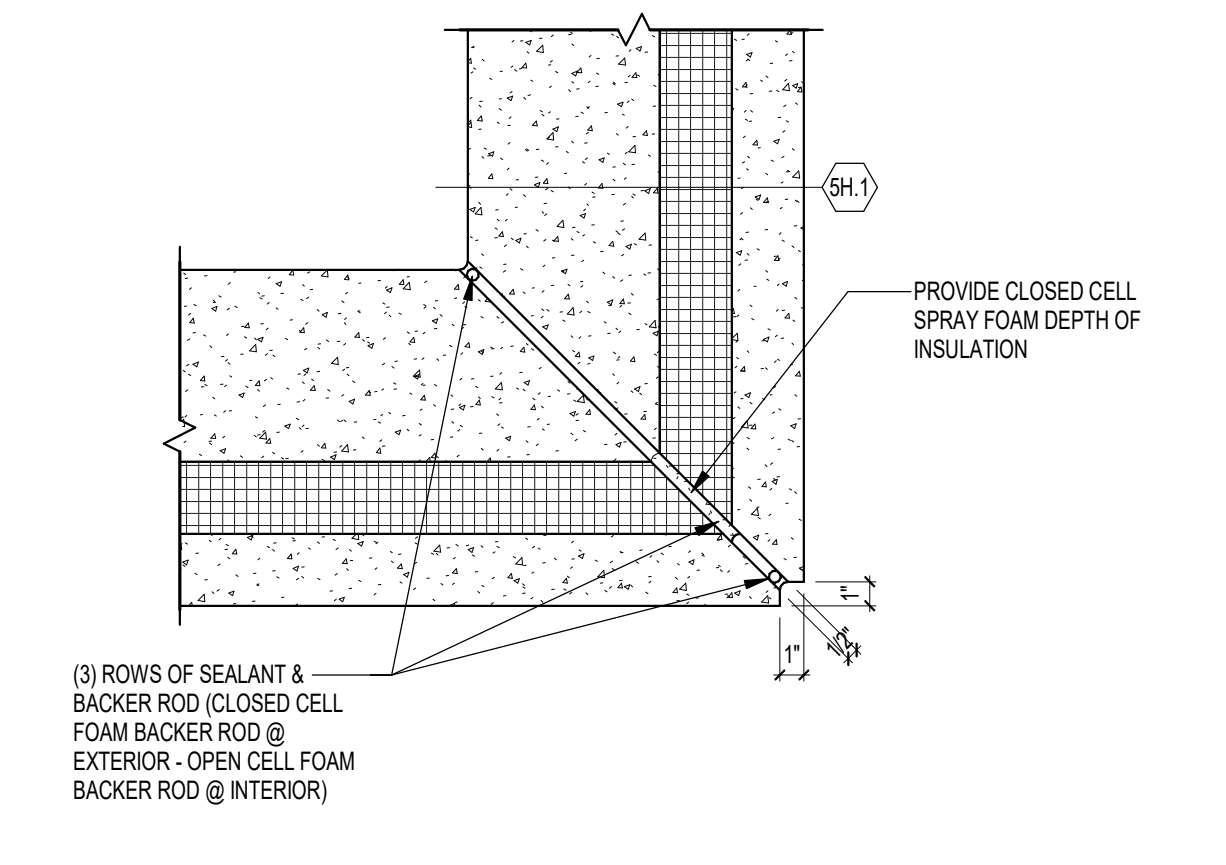
DRAWN BY: EIG 7/18/2023 11:02:56 AM



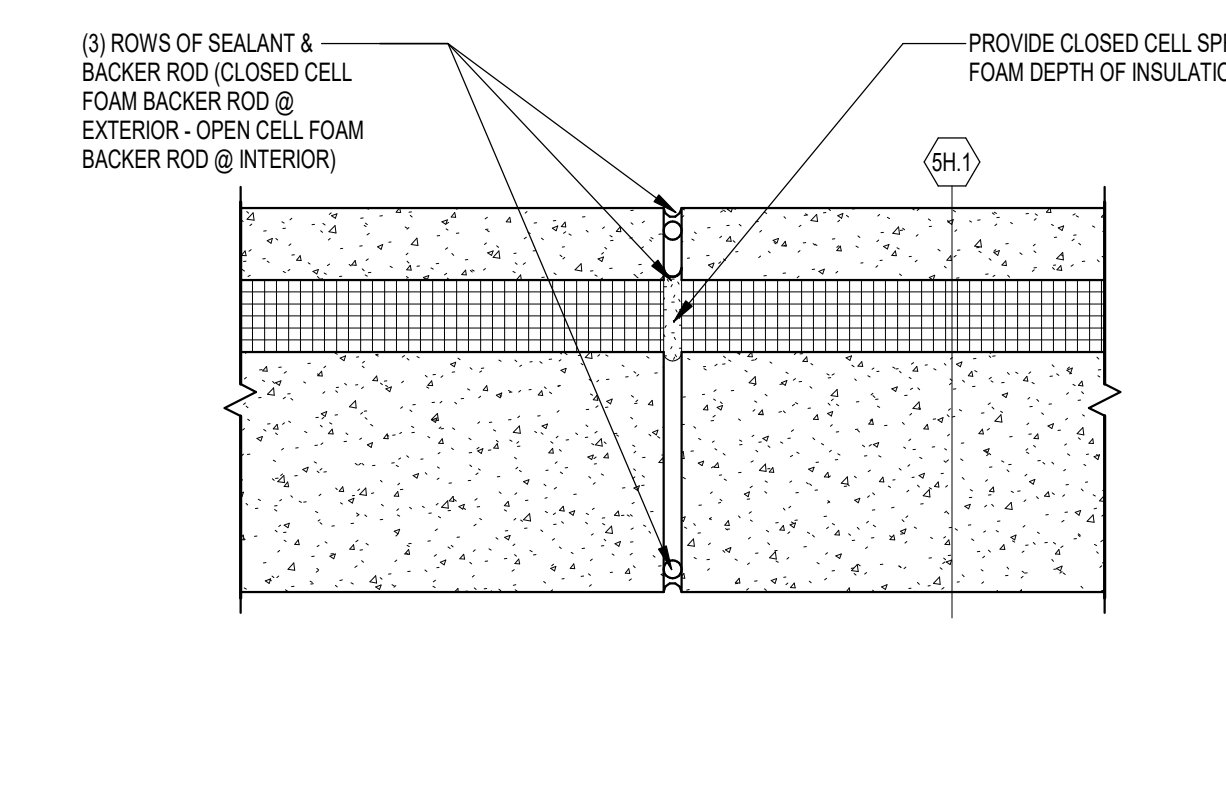
A1 SAFETY ANCHOR
1 1/2" x 1'-0"



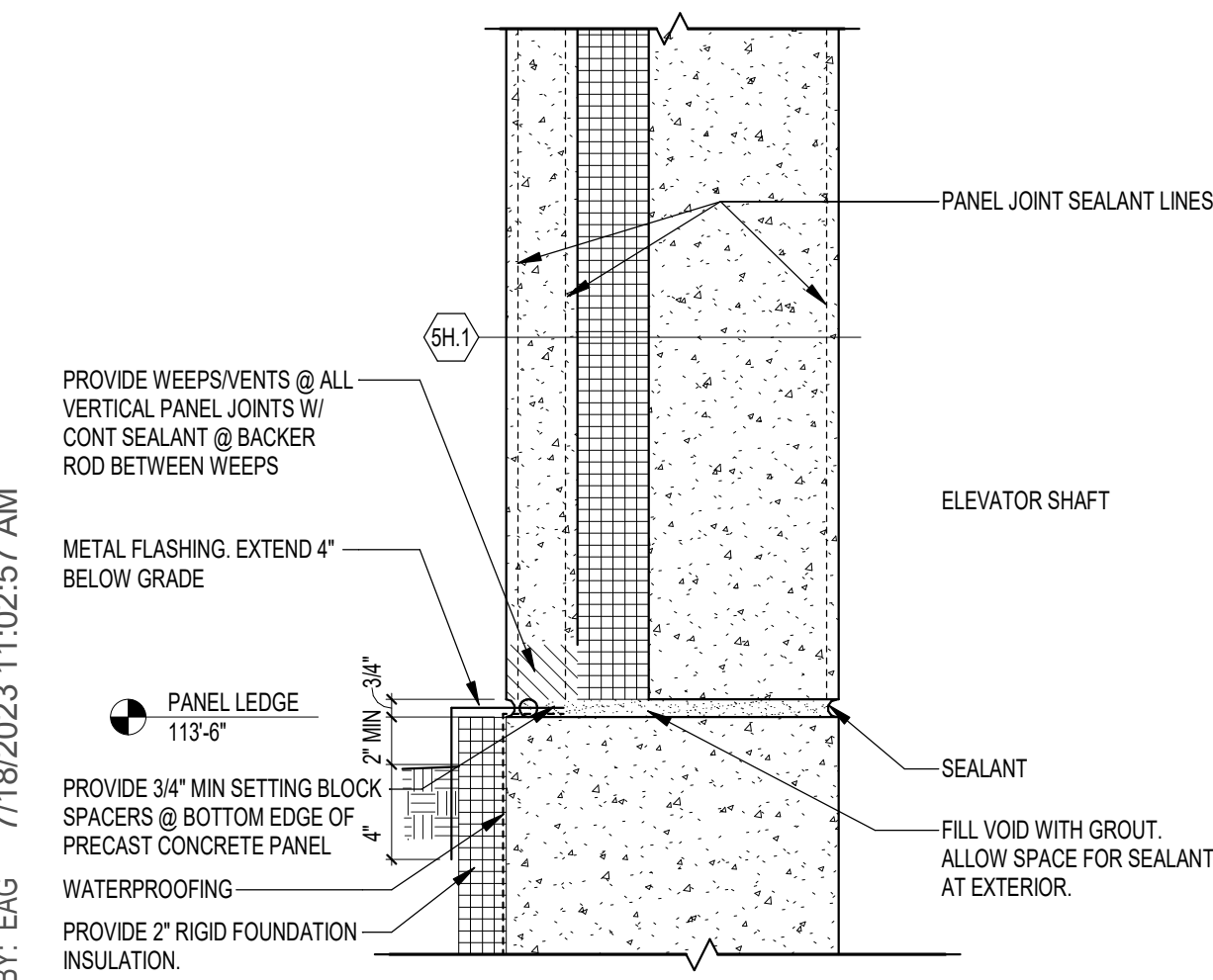
B1 SH.1 PRECAST WALL ROOF PARAPET
1 1/2" x 1'-0"



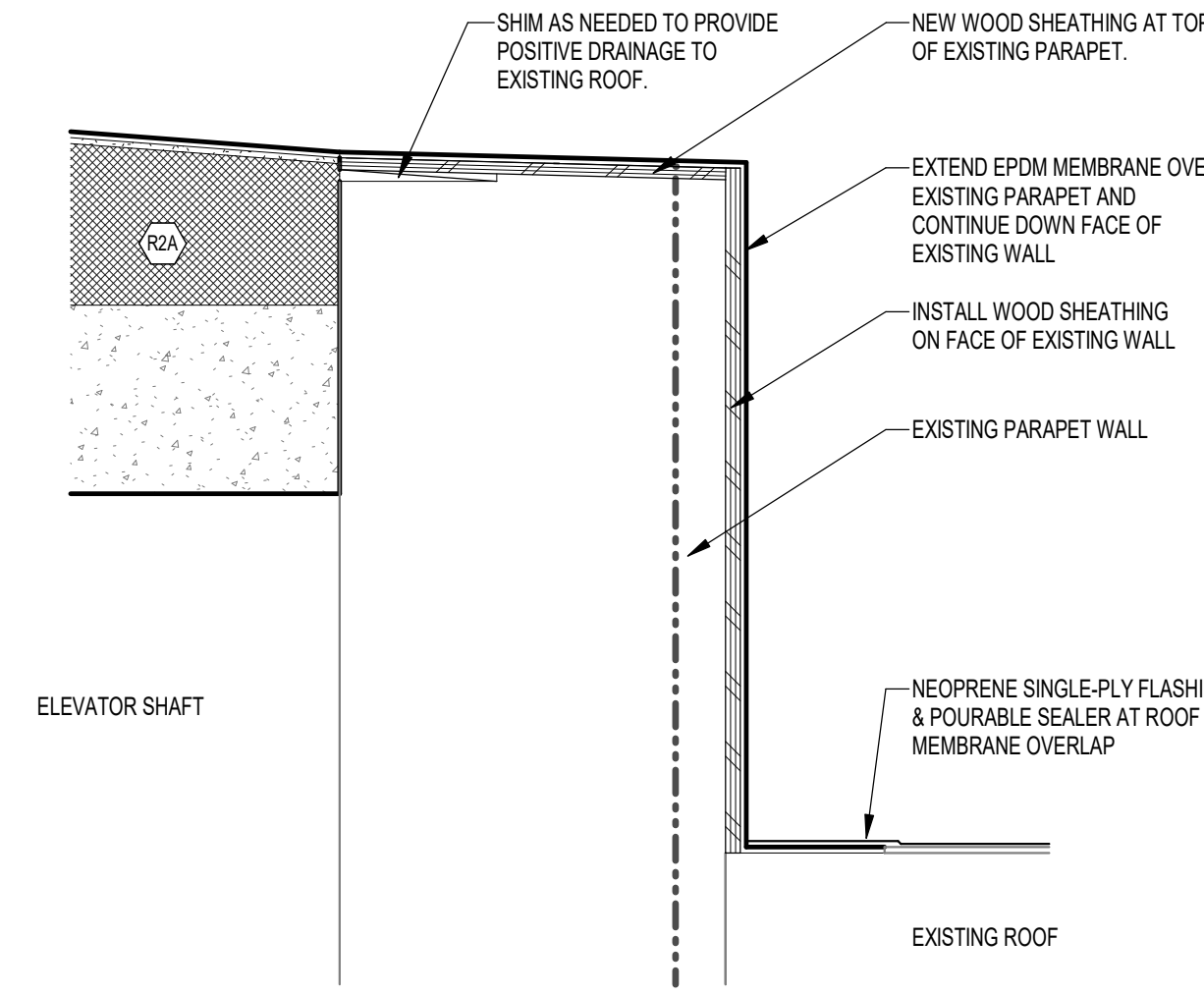
C1 SH.1 PRECAST CONCRETE WALL PANEL CORNER JOINT
1 1/2" x 1'-0"



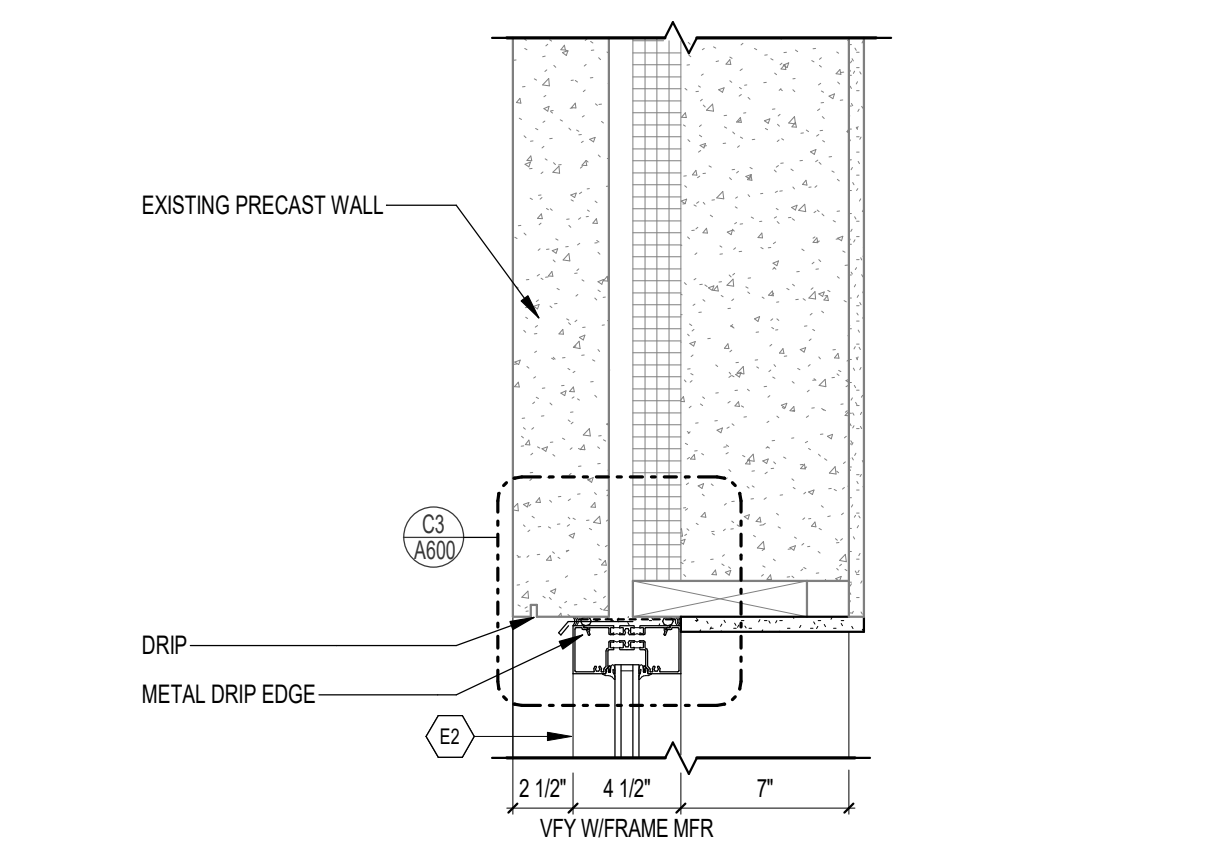
D1 SH.1 PRECAST CONCRETE WALL PANEL JOINT
1 1/2" x 1'-0"



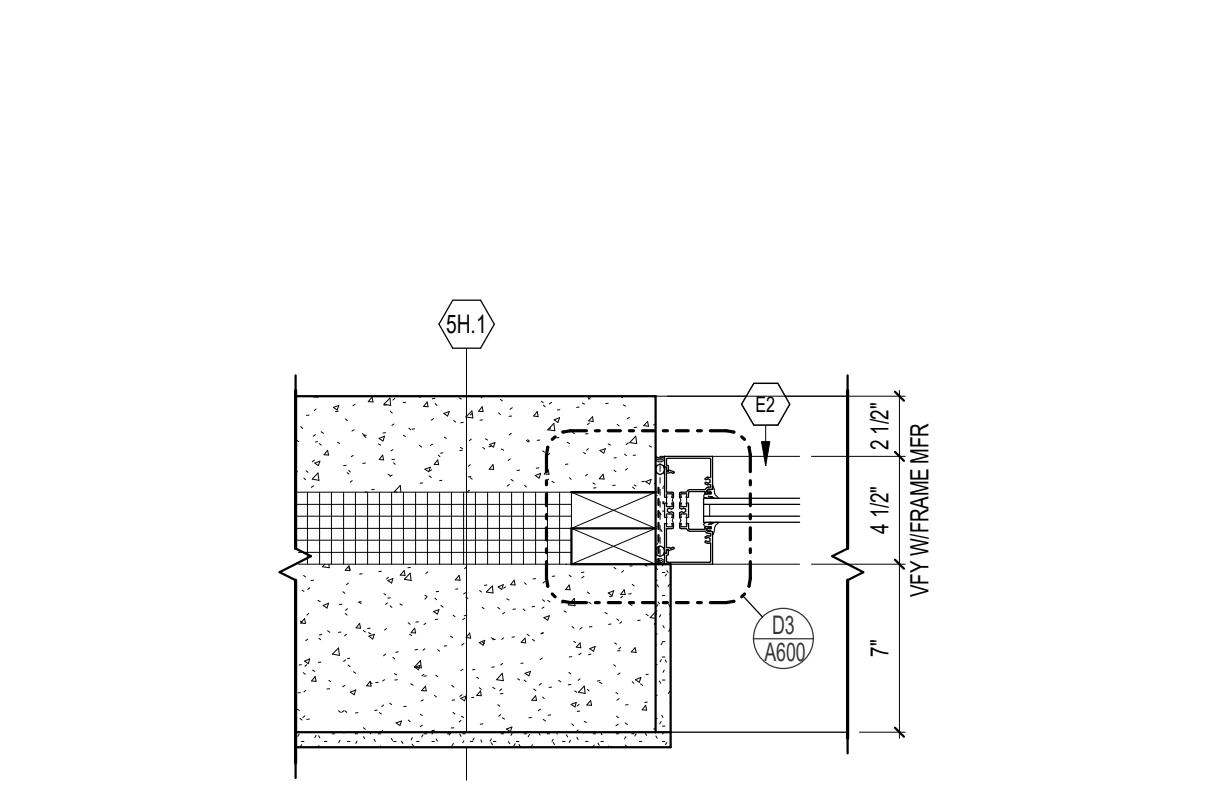
E1 SH.1 PRECAST CONCRETE WALL @ GRADE
1 1/2" x 1'-0"



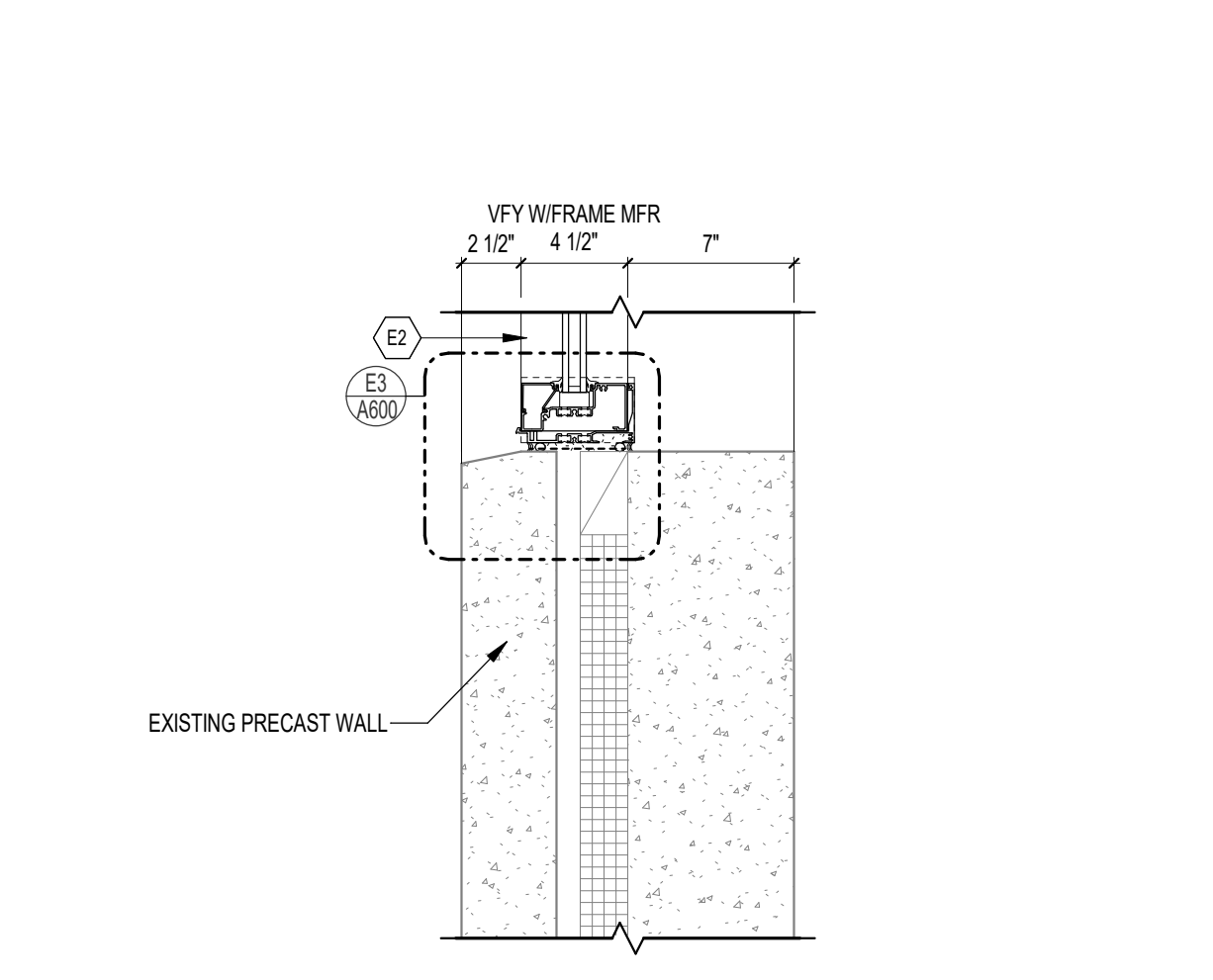
B2 ROOF @ EXISTING PARAPET
1 1/2" x 1'-0"



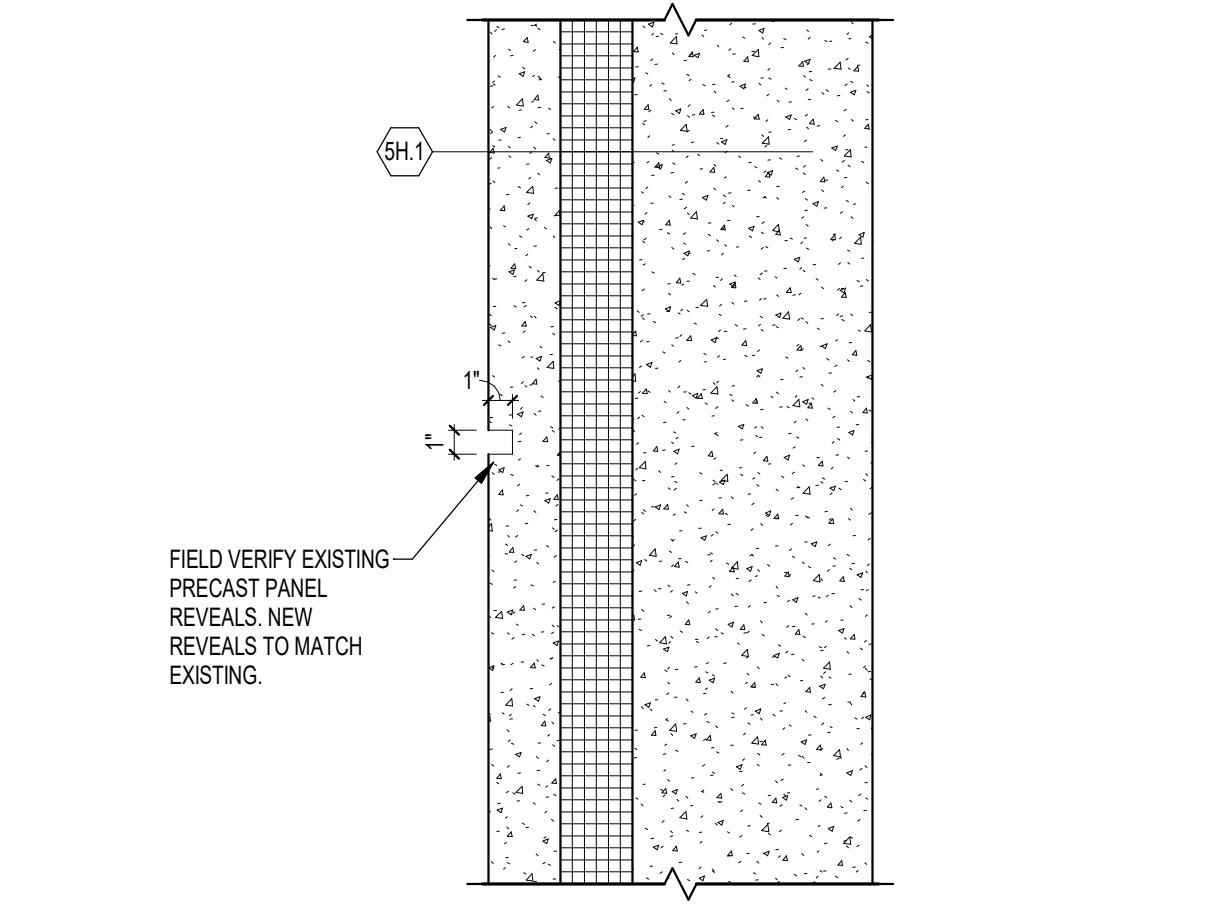
C2 SH.1 STOREFRONT HEAD
1 1/2" x 1'-0"



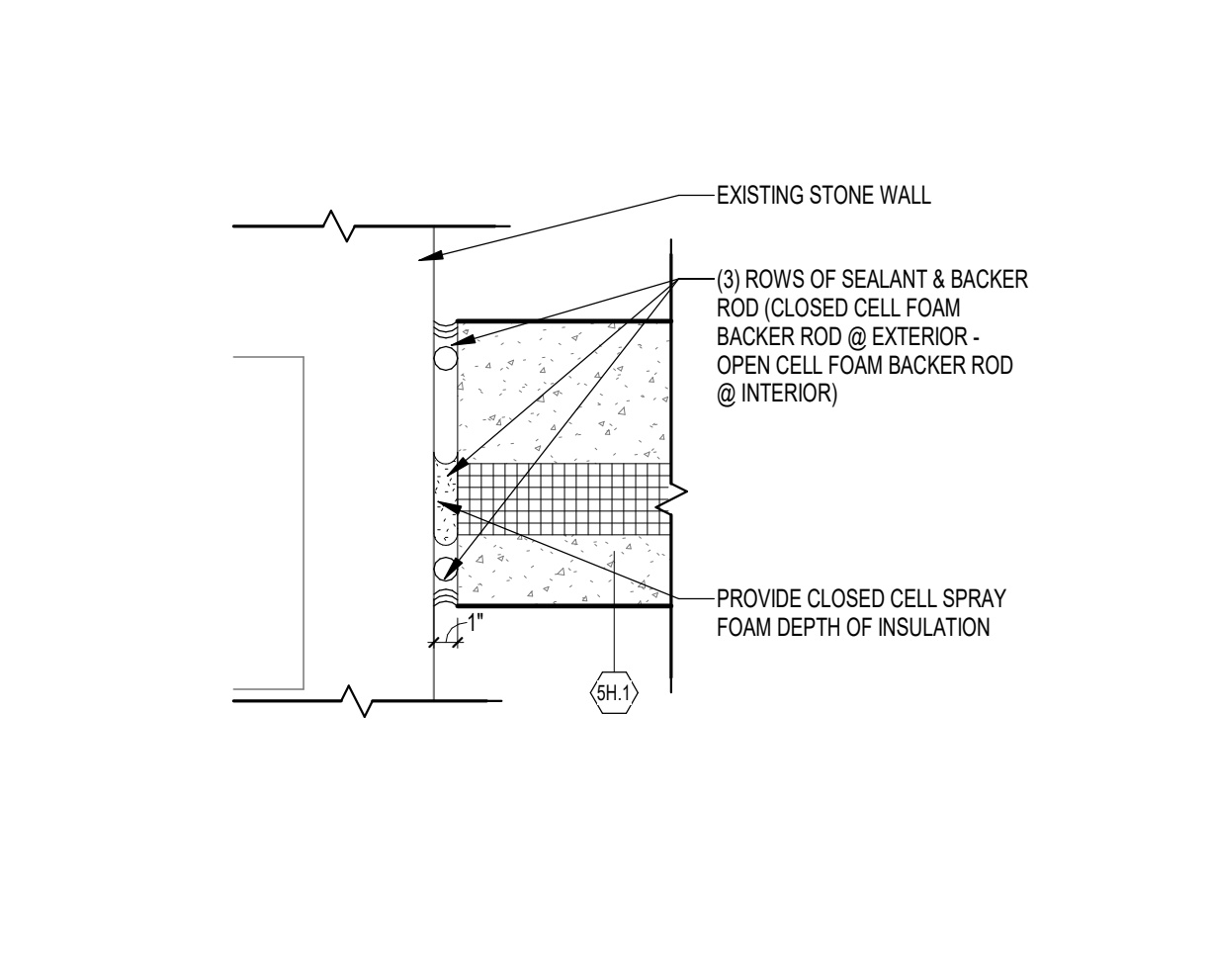
D2 SH.1 STOREFRONT JAMB
1 1/2" x 1'-0"



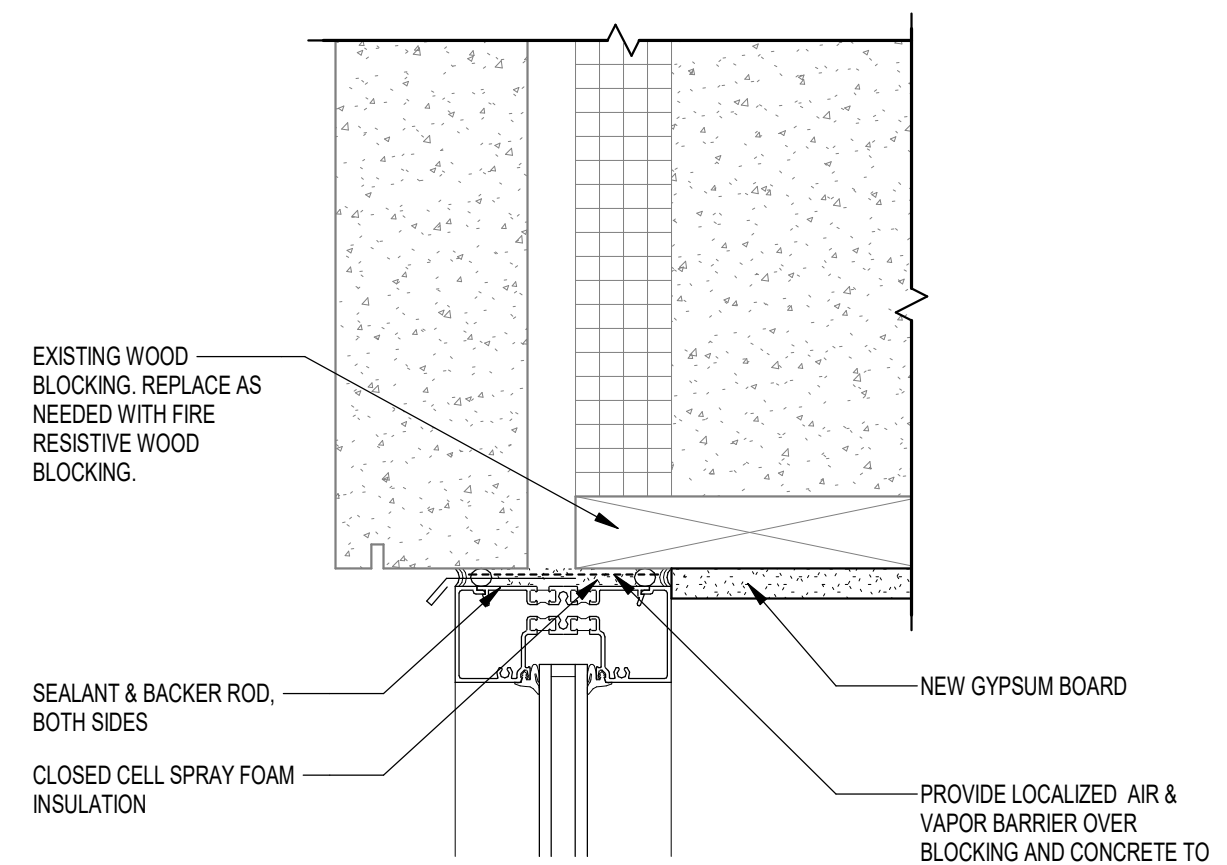
E2 SH.1 STOREFRONT SILL
1 1/2" x 1'-0"



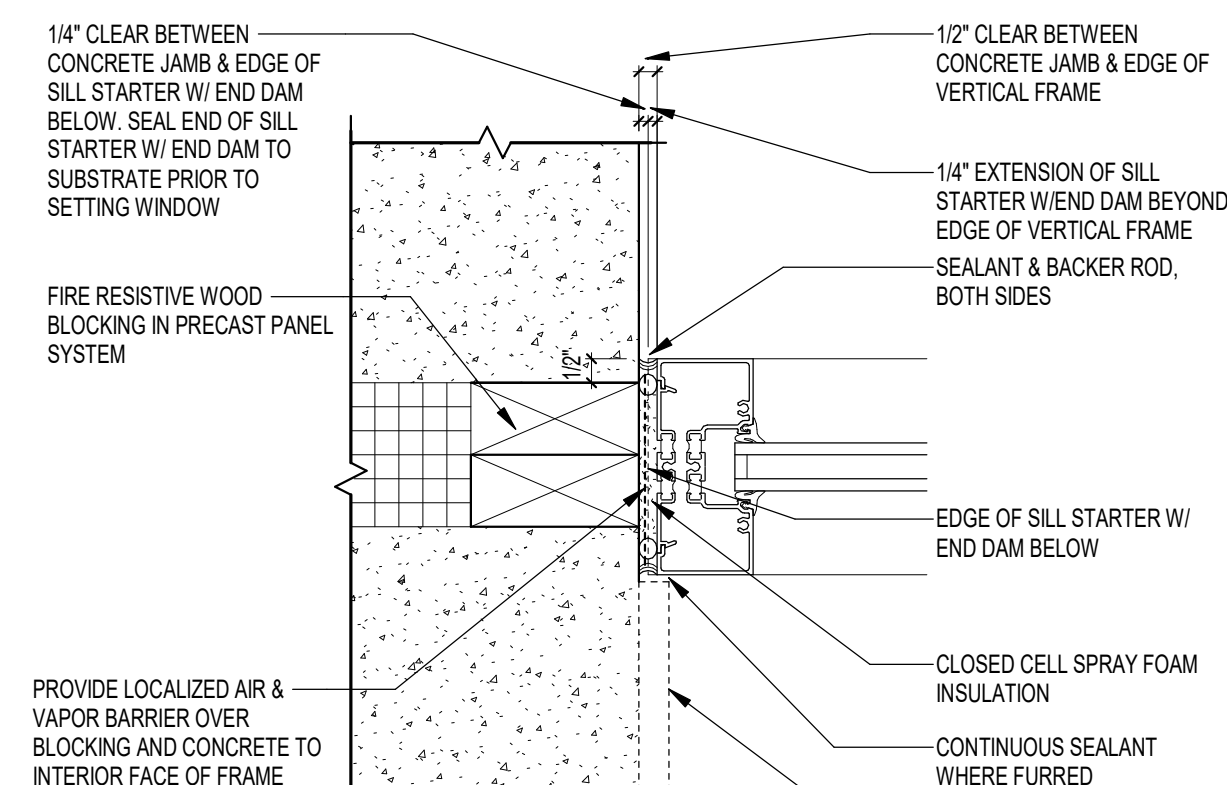
A3 SH.1 PRECAST CONCRETE WALL PANEL REVEAL
1 1/2" x 1'-0"



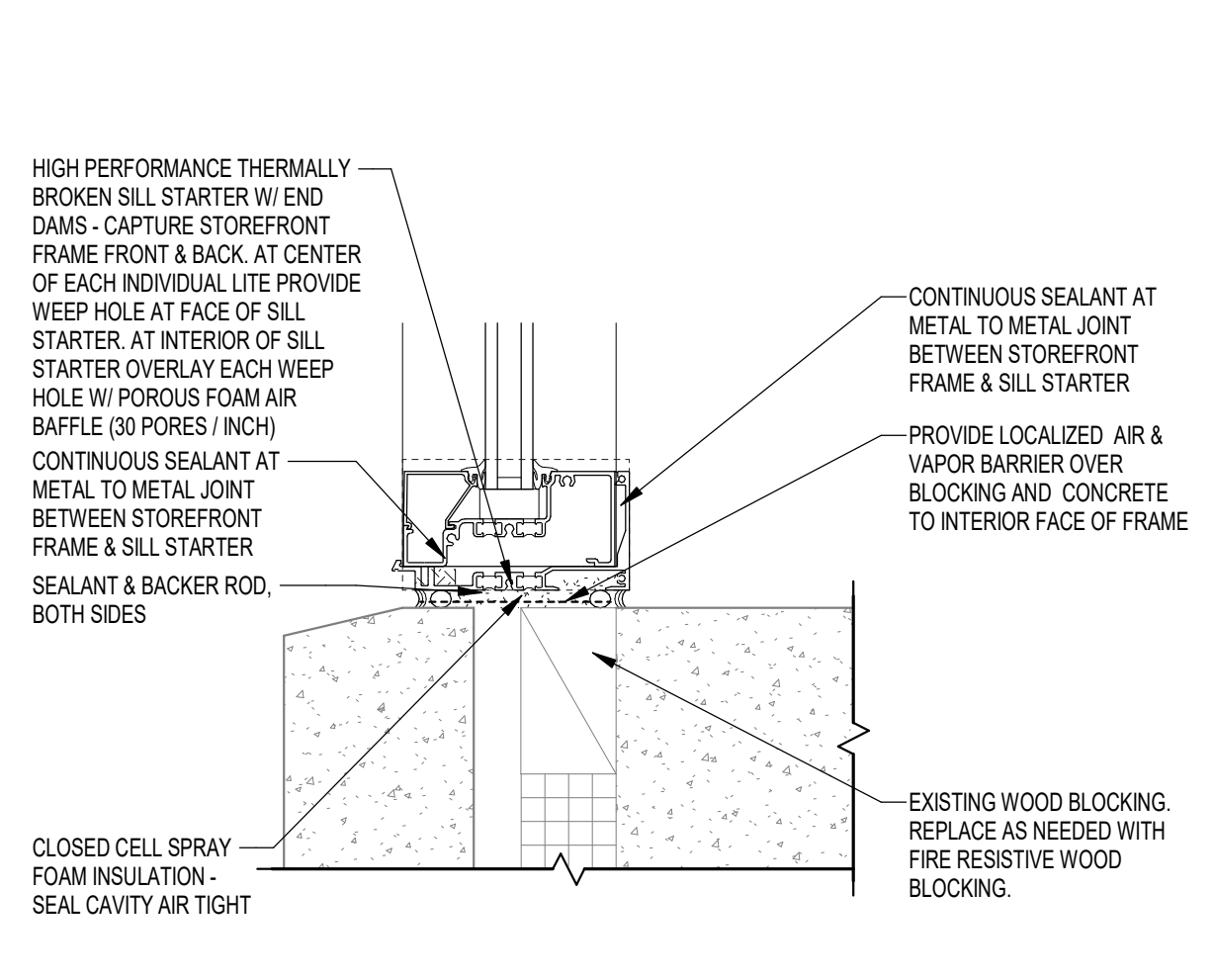
B3 PRECAST CAULK JOINT @ EXISTING WALL
1 1/2" x 1'-0"



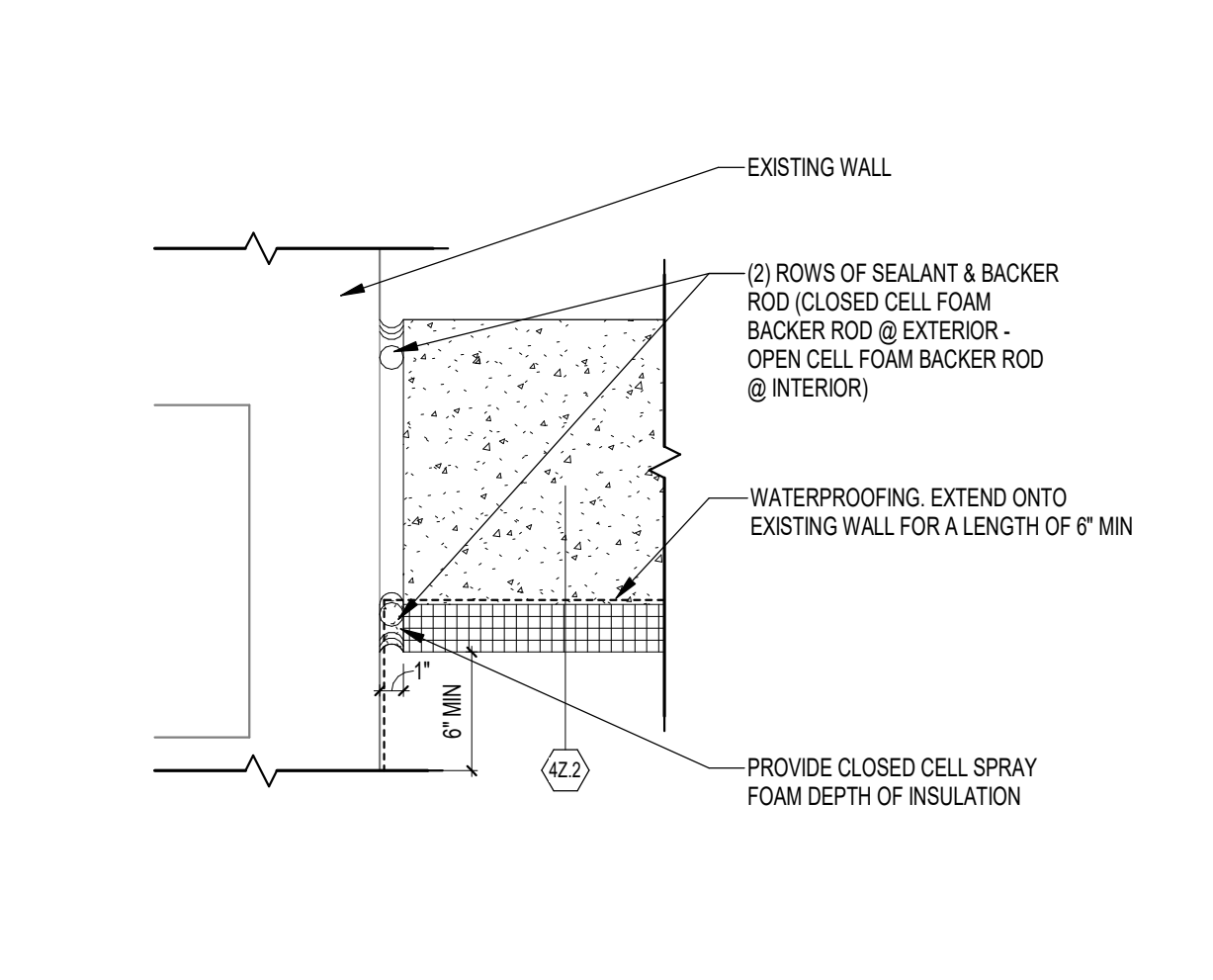
C3 SH.1 ENLARGED STOREFRONT HEAD
3" x 1'-0"



D3 SH.1 ENLARGED STOREFRONT JAMB
3" x 1'-0"



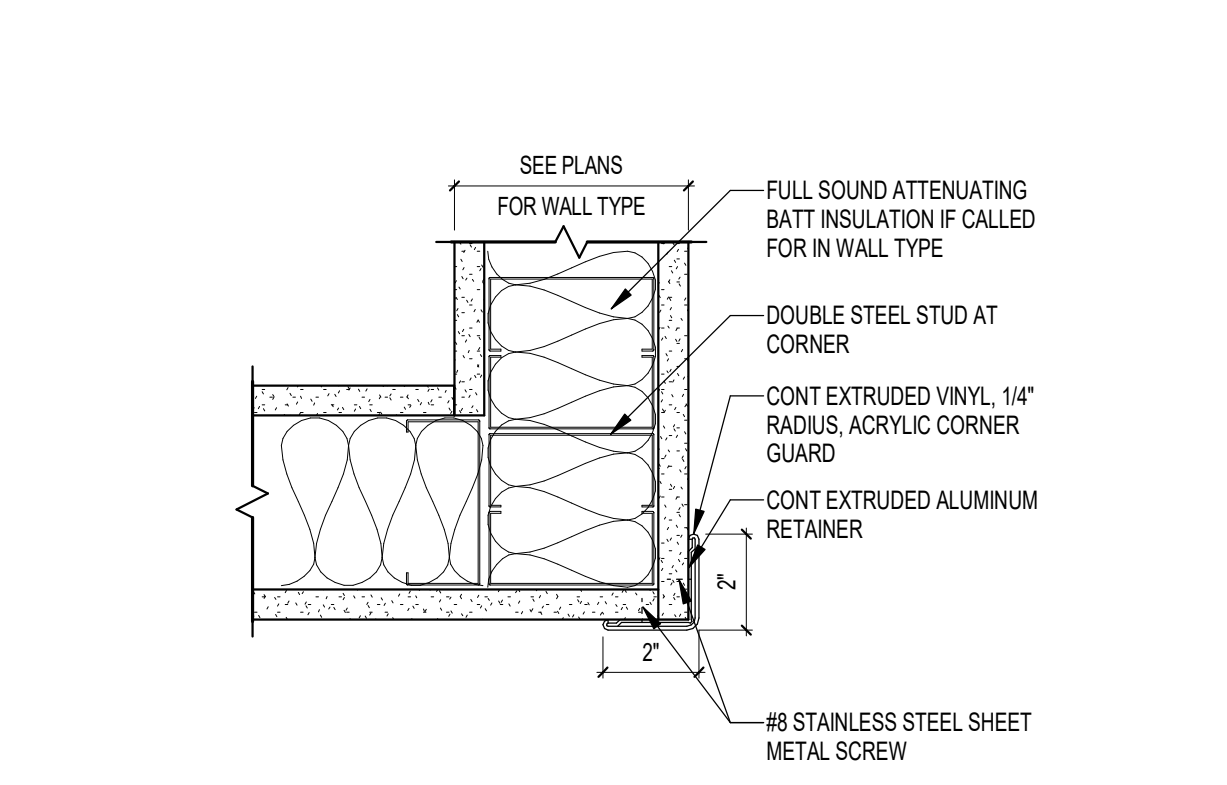
E3 SH.1 ENLARGED STOREFRONT SILL
3" x 1'-0"



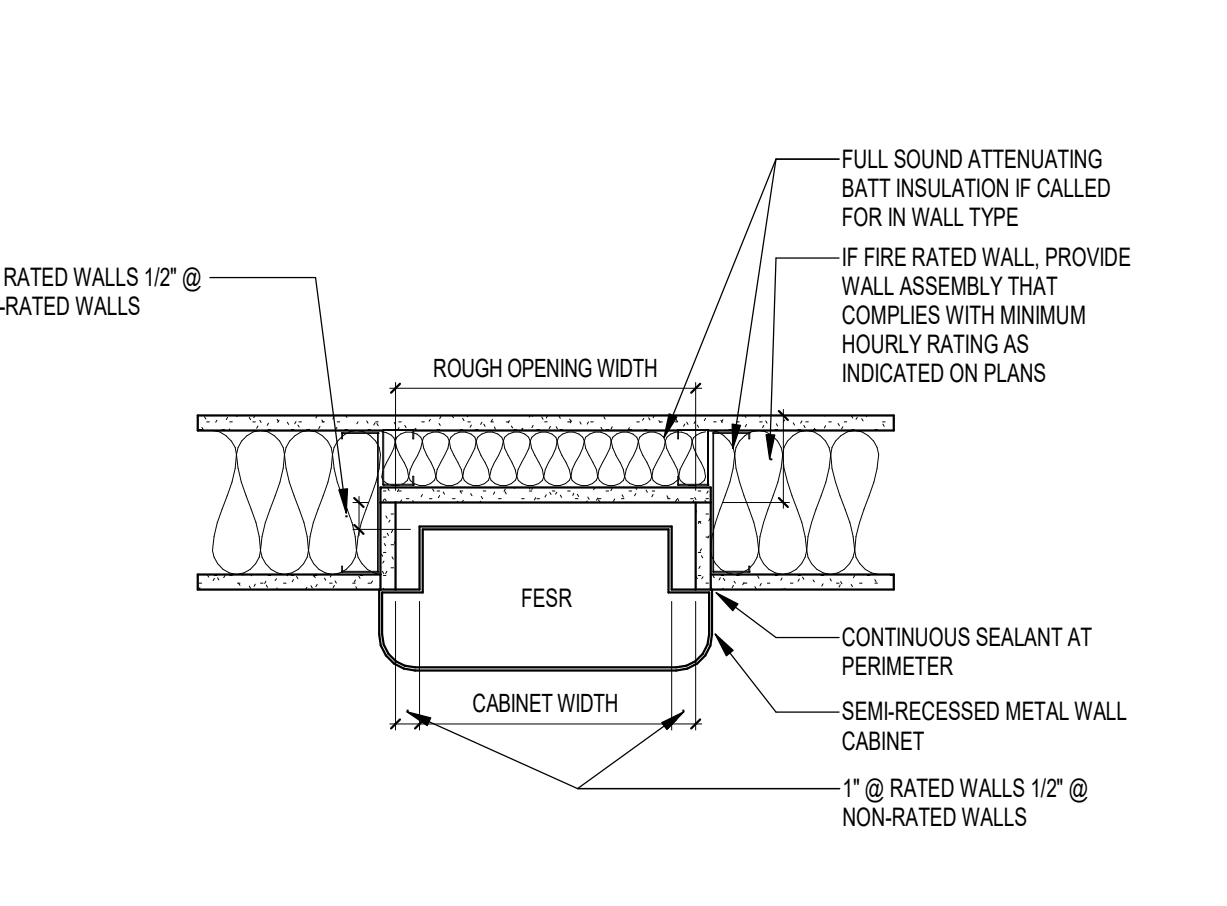
B4 PRECAST CAULK JOINT @ EXISTING WALL_2
1 1/2" x 1'-0"



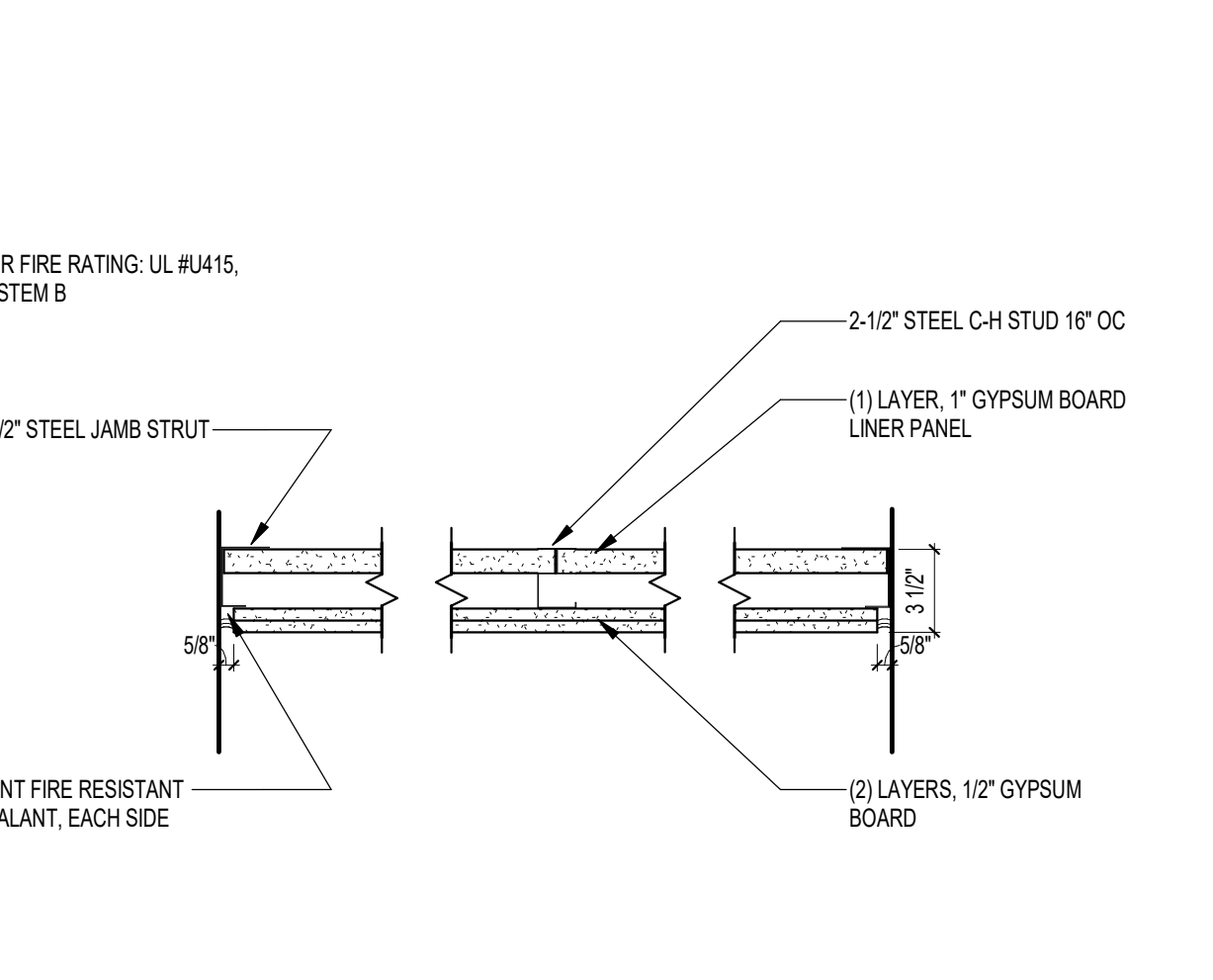
C3 SH.1 ENLARGED STOREFRONT JAMB
3" x 1'-0"



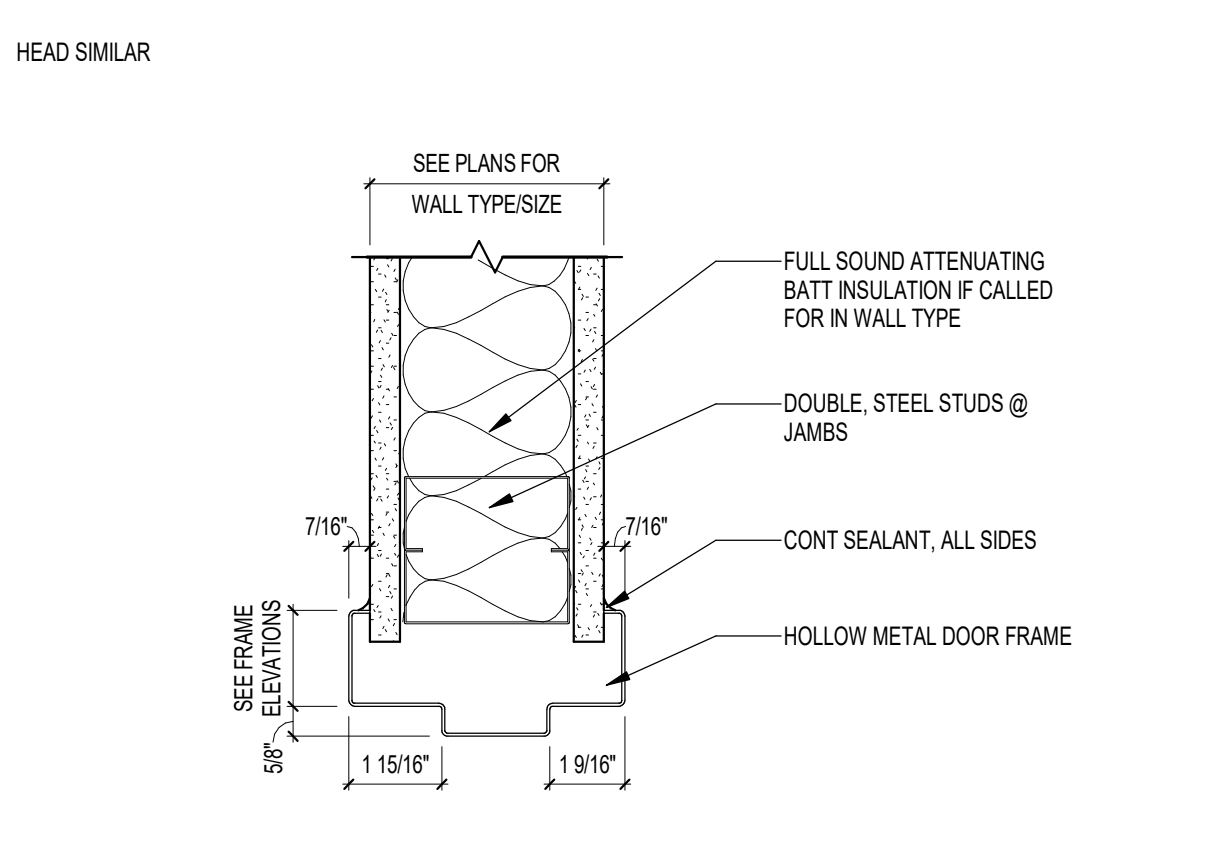
E4 VINYL CORNER GUARD @ ENDWALL (DUAL)
3" x 1'-0"



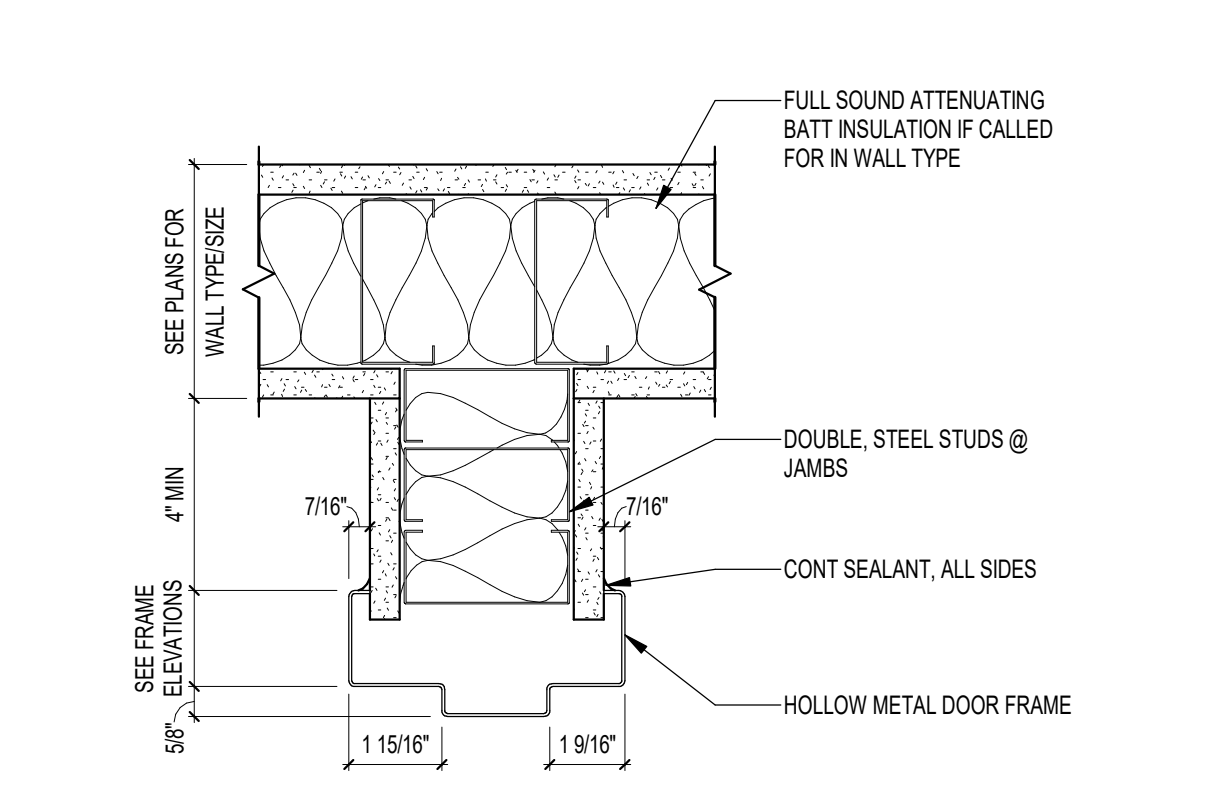
A5 FIRE EXTINGUISHER CABINET AT MTL STUD (FESR)
1 1/2" x 1'-0"



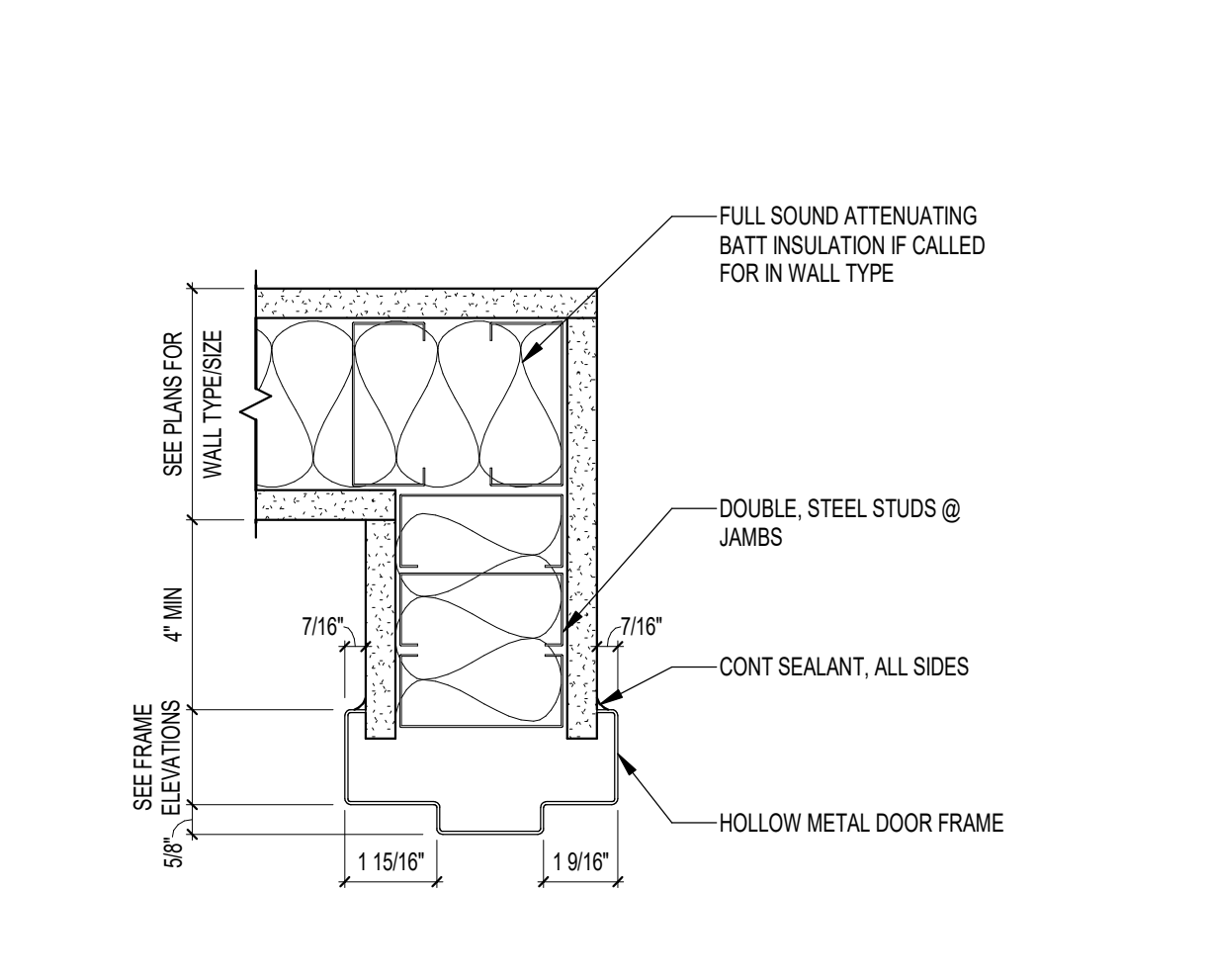
B5 2-HR HORIZONTAL SHAFT WALL
1 1/2" x 1'-0"



C5 HM FRAME JAMB @ STL STUD PARTITION_1
3" x 1'-0"



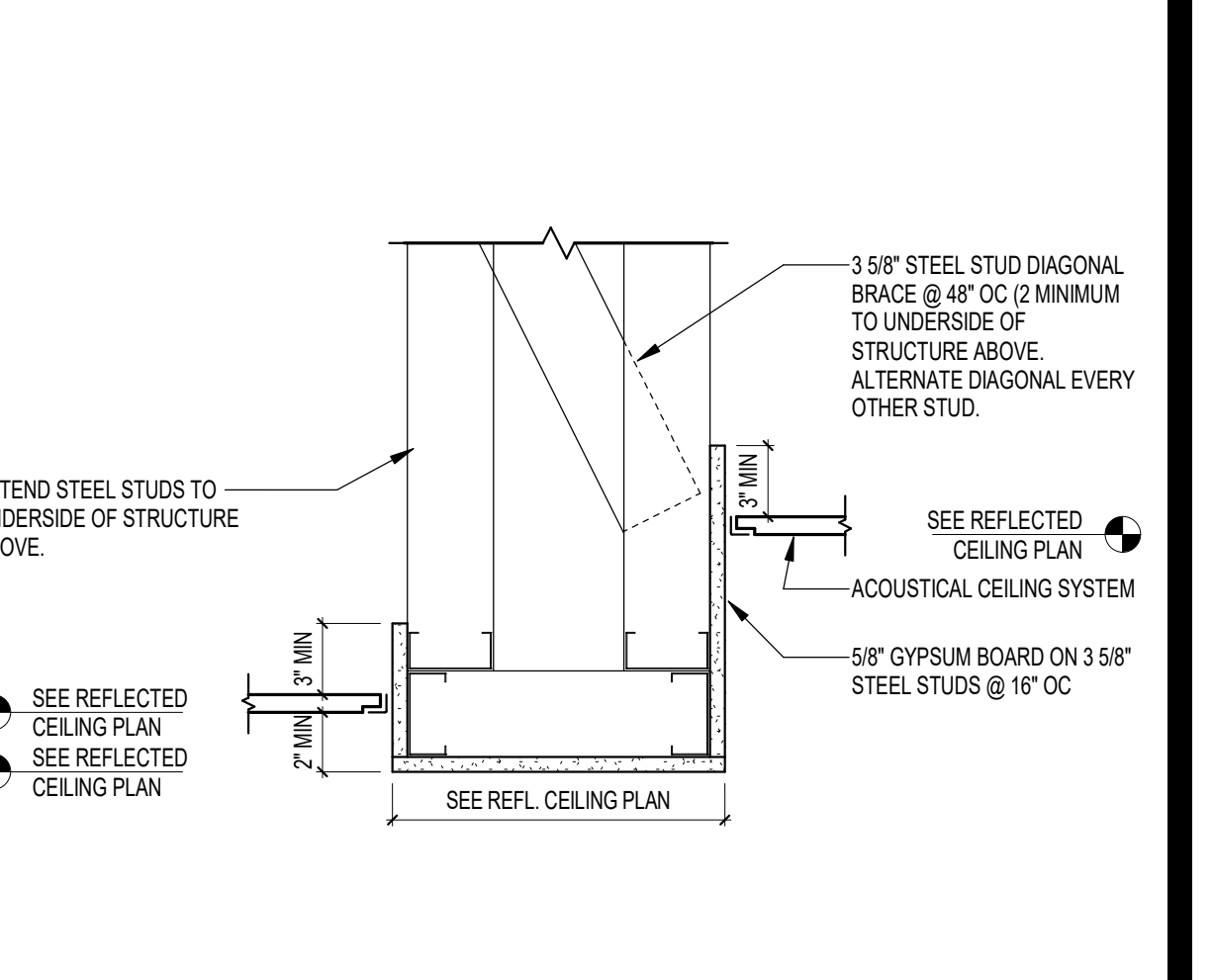
D5 HM FRAME JAMB @ STL STUD PARTITION_2
3" x 1'-0"



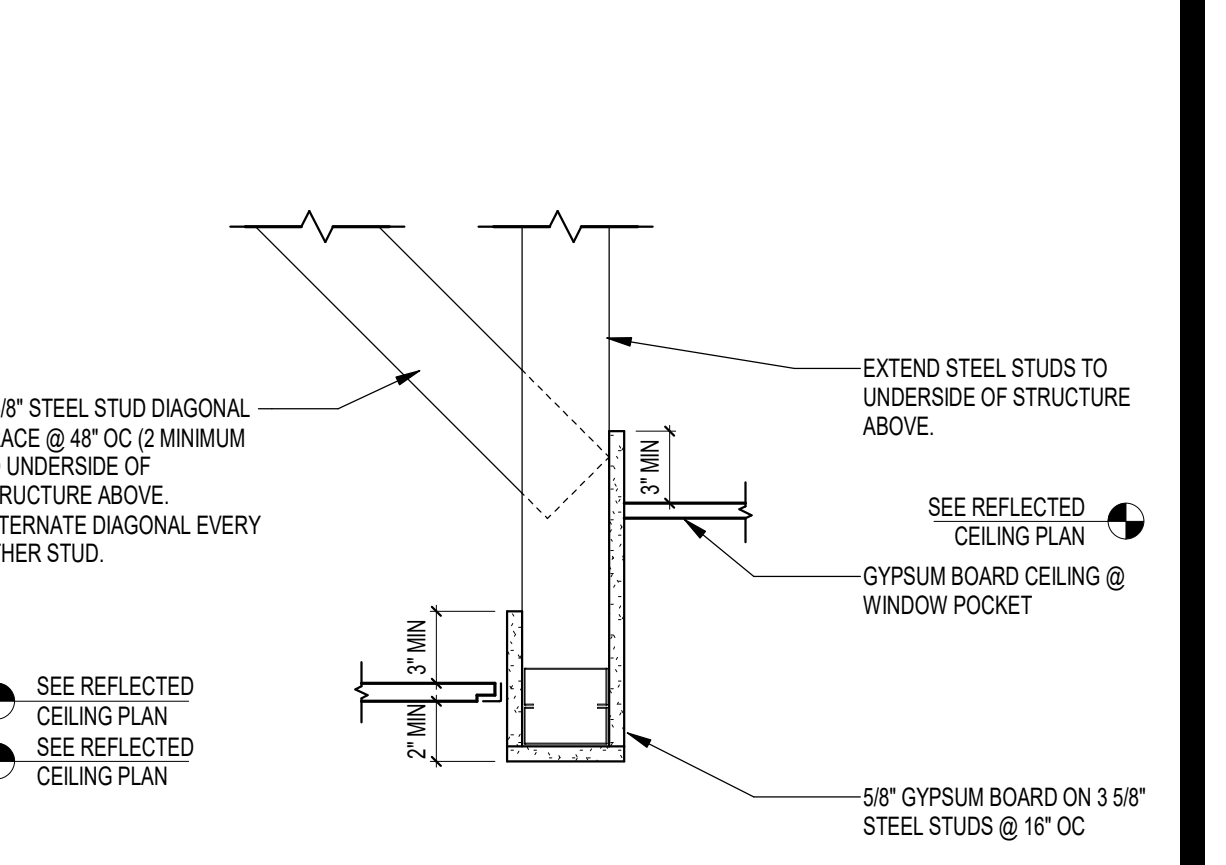
E5 HM FRAME JAMB @ STL STUD PARTITION_3
3" x 1'-0"

CONSTRUCTION ASSEMBLIES	
MARK	CONSTRUCTION DESCRIPTION
C1A	2x2 LAY-IN CEILING PANELS IN EXPOSED GRID SYSTEM SUSPENDED FROM STRUCTURE ABOVE.
C2	5/8" GYPSUM BOARD CEILING ON METAL SUSPENSION SYSTEM SUSPENDED FROM STRUCTURE ABOVE.
RA	SINGLE PLY ROOFING SYSTEM FULLY ADHERED EPDM MEMBRANE ON 1/4" COVERBOARD ON RIGID INSULATION (AVG-R-30) (ON VAPOR RETARDER) ON 8" PRECAST.

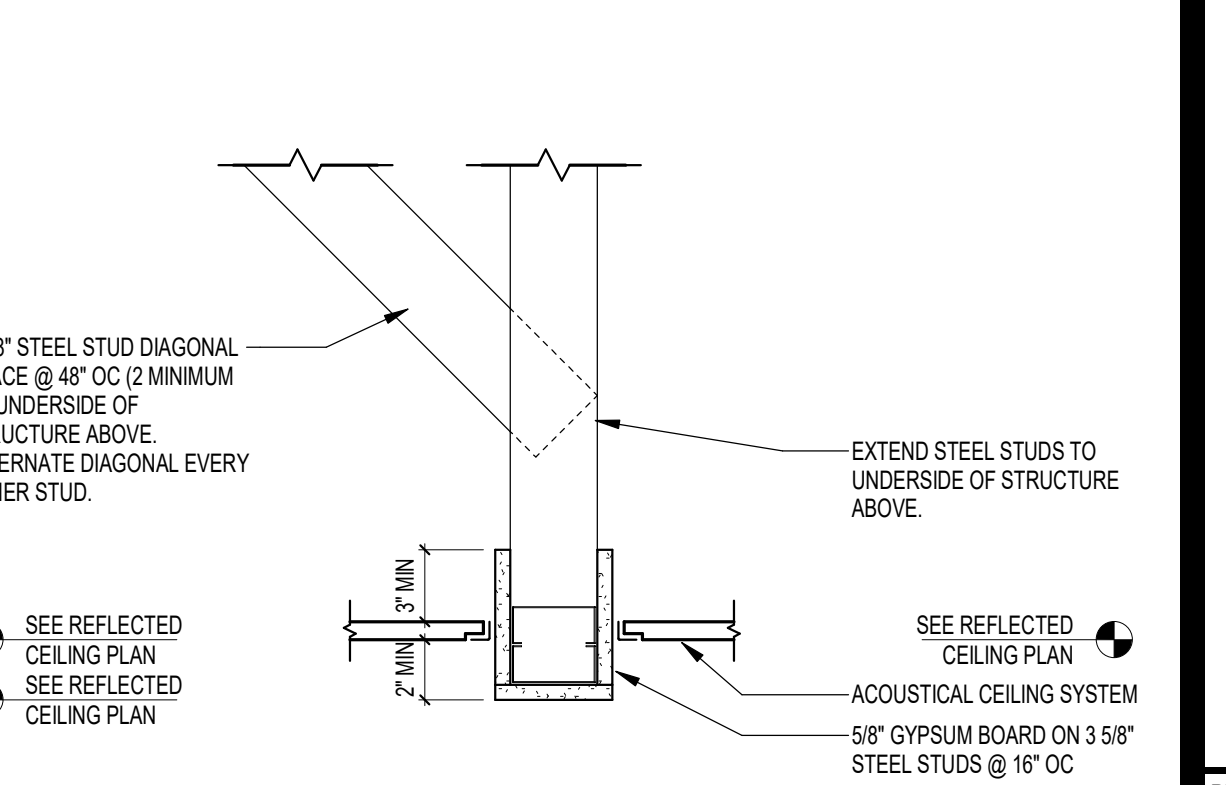
CONSTRUCTION TYPES	
MARK	DESCRIPTION
E2	ALUMINUM STOREFRONT SYSTEM WITH INSULATING GLASS.
G2	METAL COPING SYSTEM METAL COPING ON 2x WOOD BLOCKING.



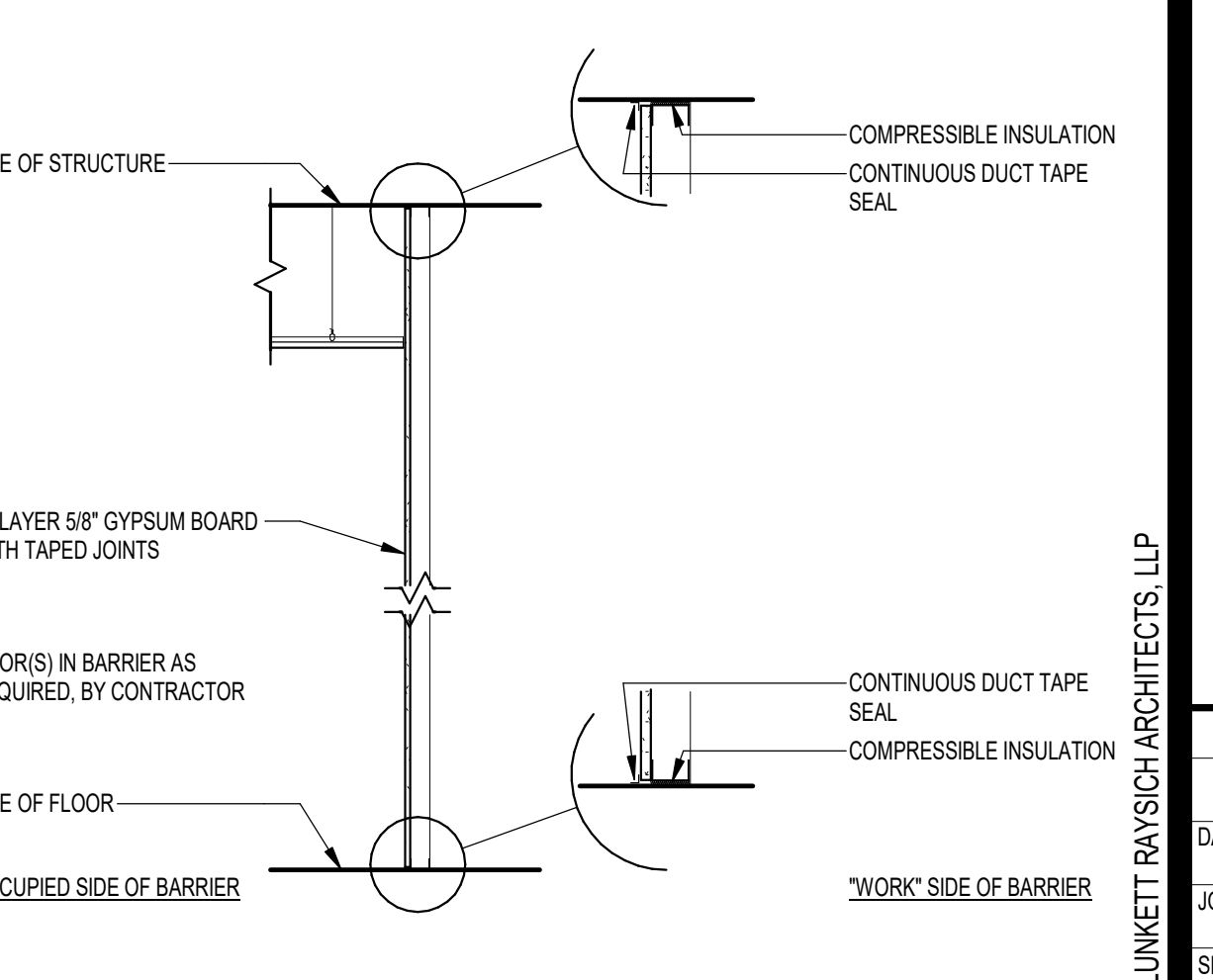
B6 WIDE BULKHEAD
1 1/2" x 1'-0"



C6 NARROW BULKHEAD (UNEVEN CLG)
1 1/2" x 1'-0"



D6 NARROW BULKHEAD (EVEN CLG)
1 1/2" x 1'-0"



E6 DUST-PROOF BARRIER
1/2" x 1'-0"

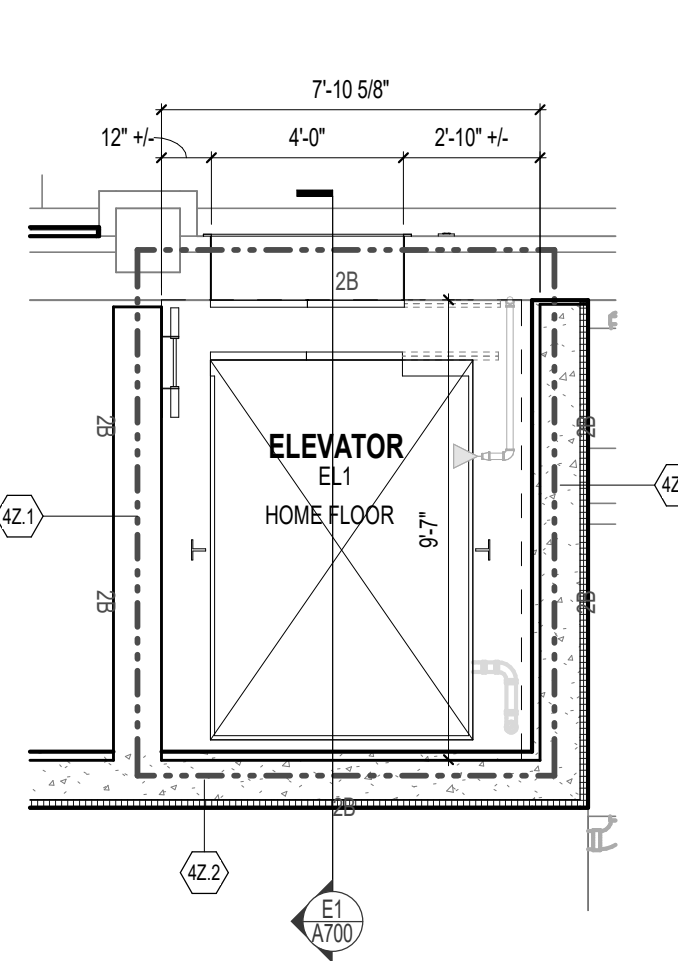
DRAWN BY: EIC 7/18/2023 11:02:57 AM

142 E. WASHINGTON STREET, WEST BEND, WI 53095
608.835.8800
2310 CONCORDIA DRIVE, SUITE 2000, MADISON, WISCONSIN 53718
608.448.8945
1979 MAIN STREET, SUITE 201, WAUKESHA, WISCONSIN 53186
608.785.9200

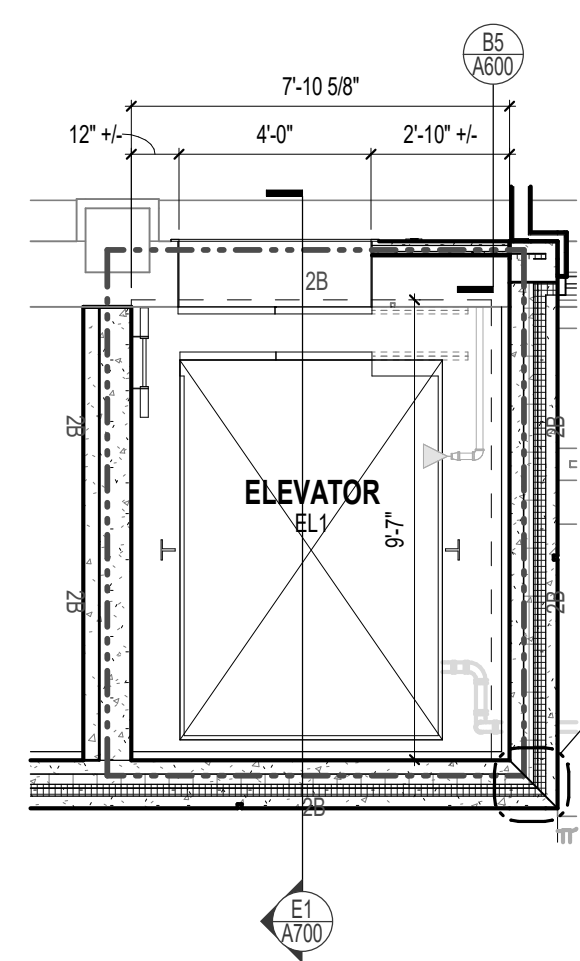
prad PLUNKETT RAYSICH ARCHITECTS, LLP

WASHINGTON COUNTY HERBERT J. TENNIS GOVERNMENT CENTER ELEVATOR ADDITION
432 E. WASHINGTON STREET, WEST BEND, WI 53095

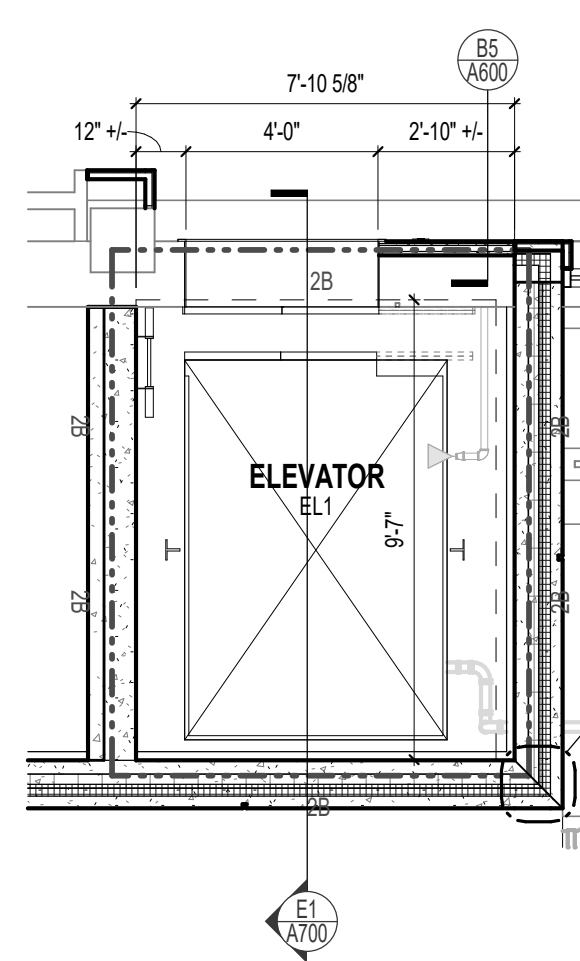
REVISIONS:
CONSTRUCTION SET
DATE: 07/18/2023
JOB NO: 230105-01
SHEET NO:
INTERIOR AND EXTERIOR DETAILS
A600



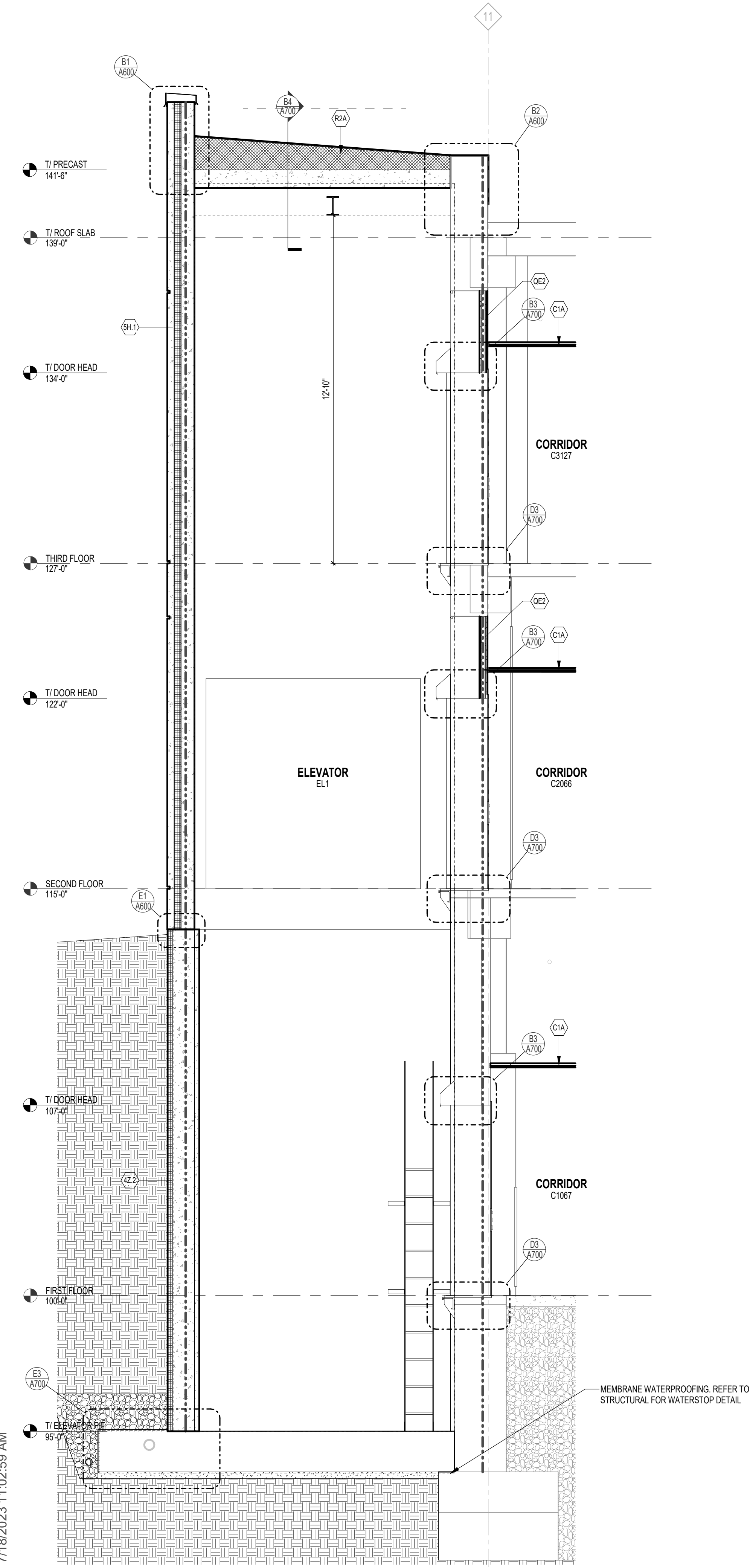
A1 ENLARGED ELEVATOR PLAN - FIRST FLOOR
1/4" = 1'-0"



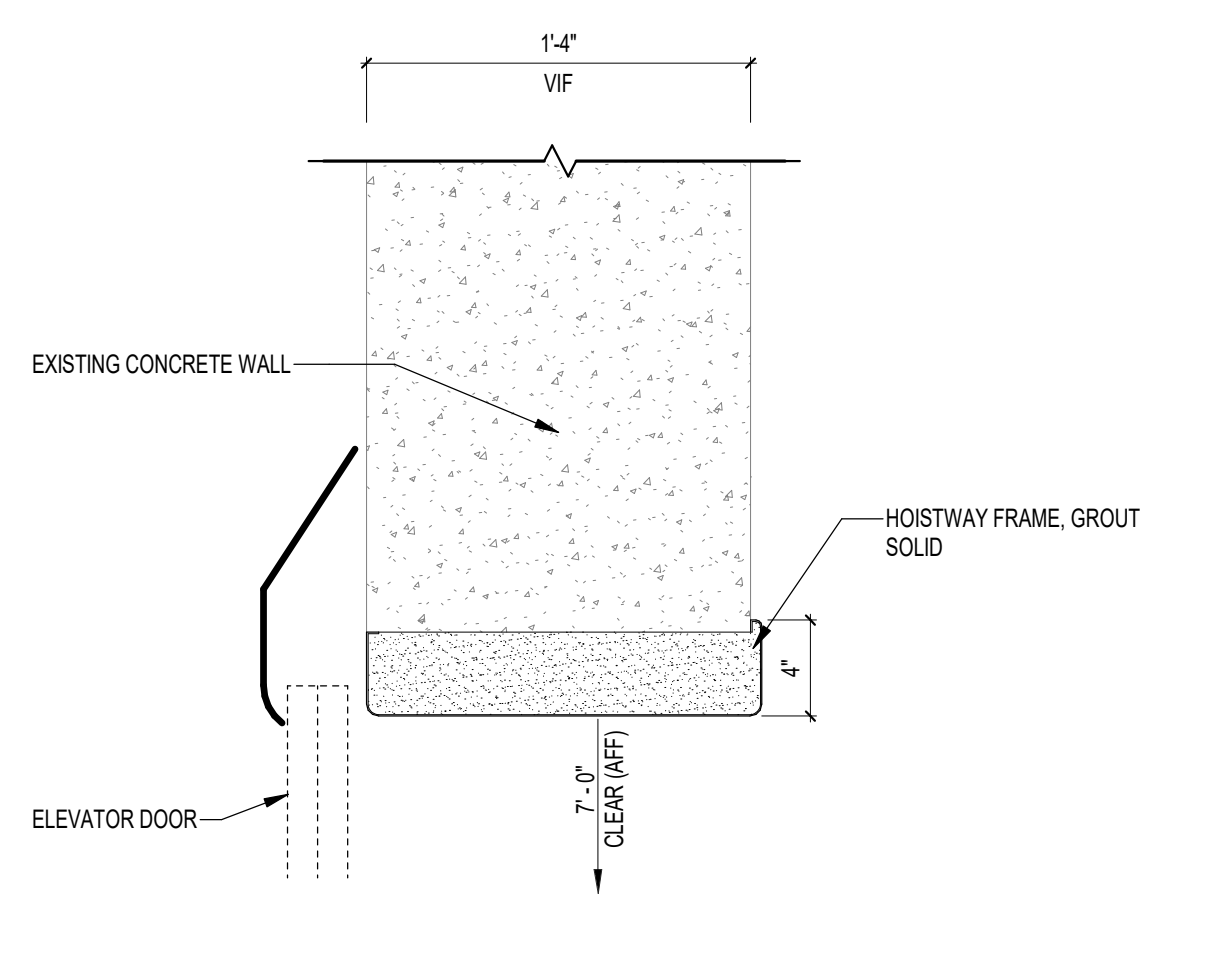
A2 ENLARGED ELEVATOR PLAN - SECOND FLOOR
1/4" = 1'-0"



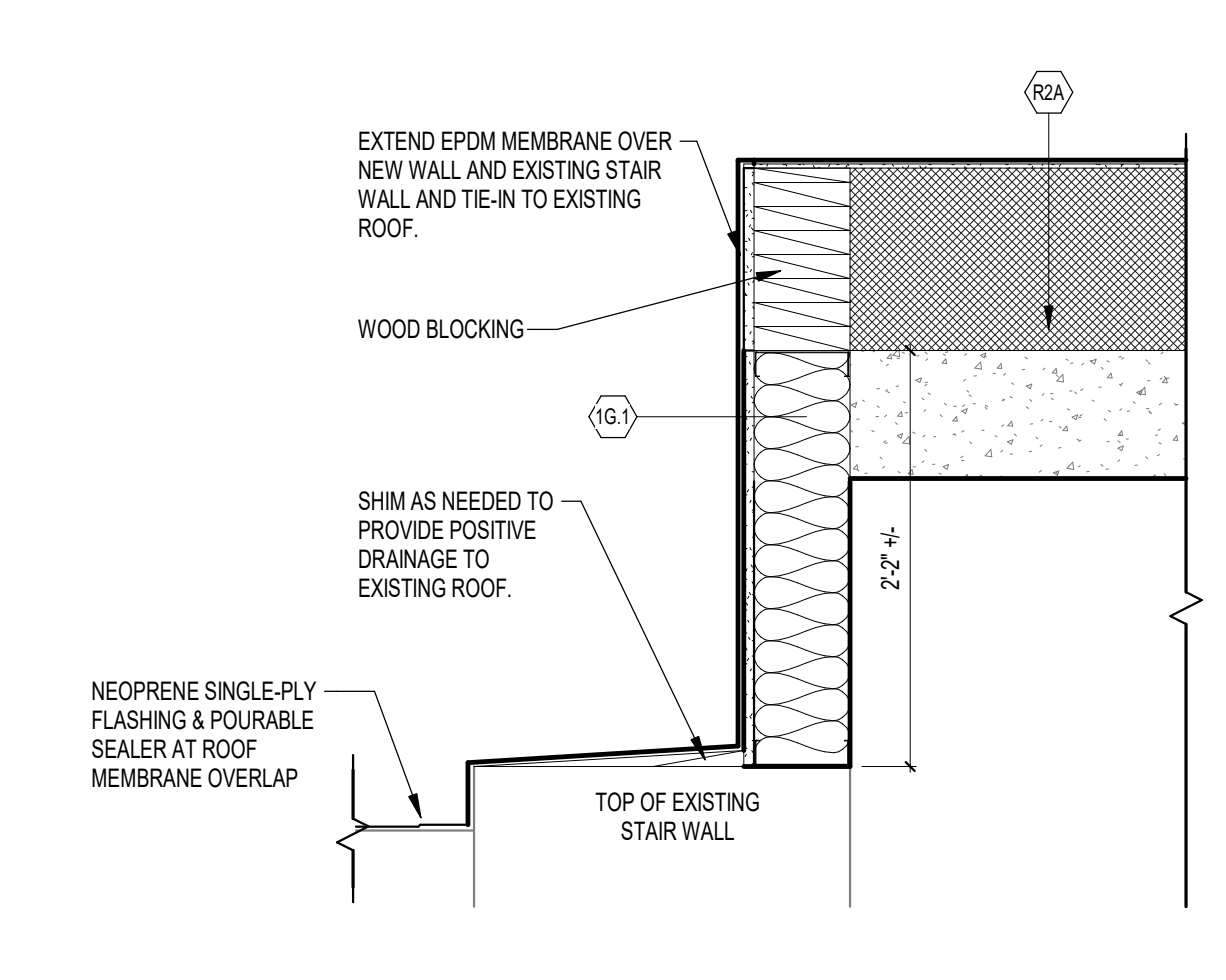
A3 ENLARGED ELEVATOR PLAN - THIRD FLOOR
1/4" = 1'-0"



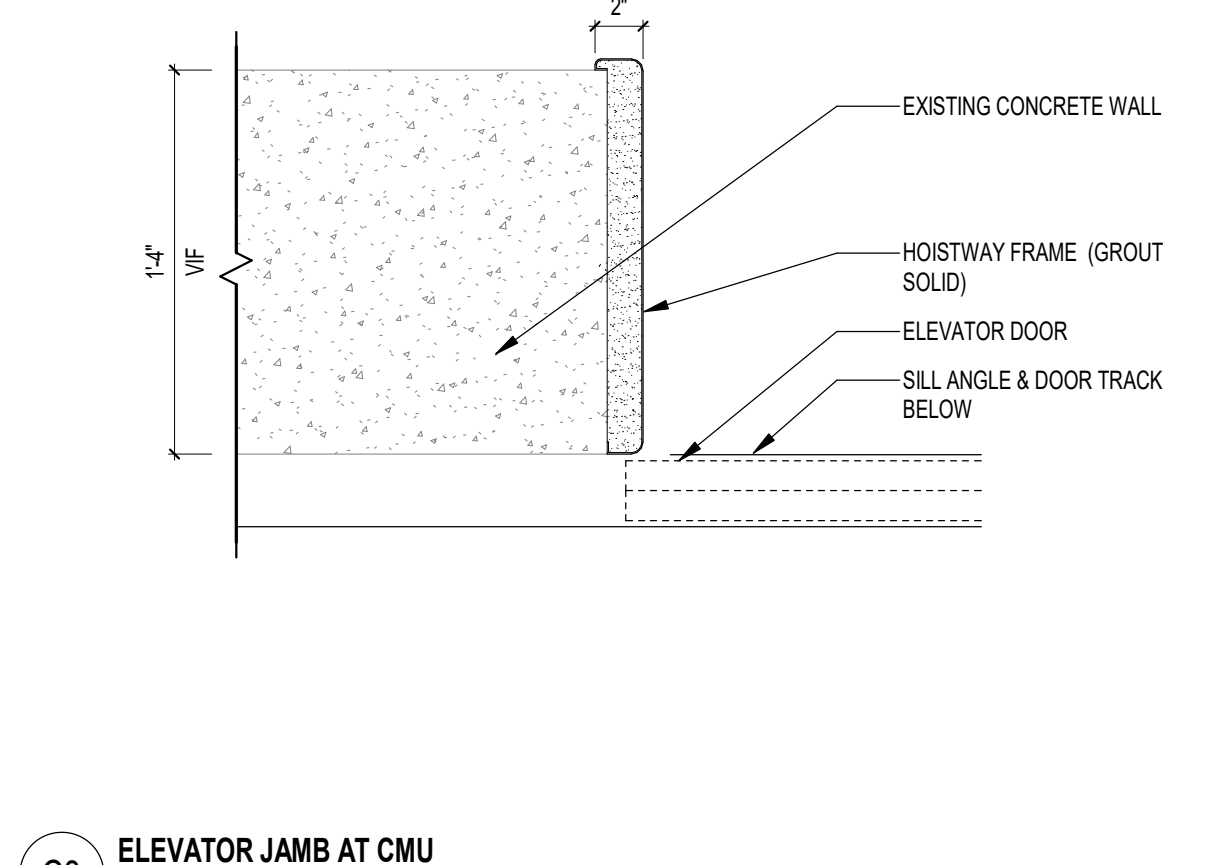
E1 ELEVATOR SECTION
3/8" = 1'-0"



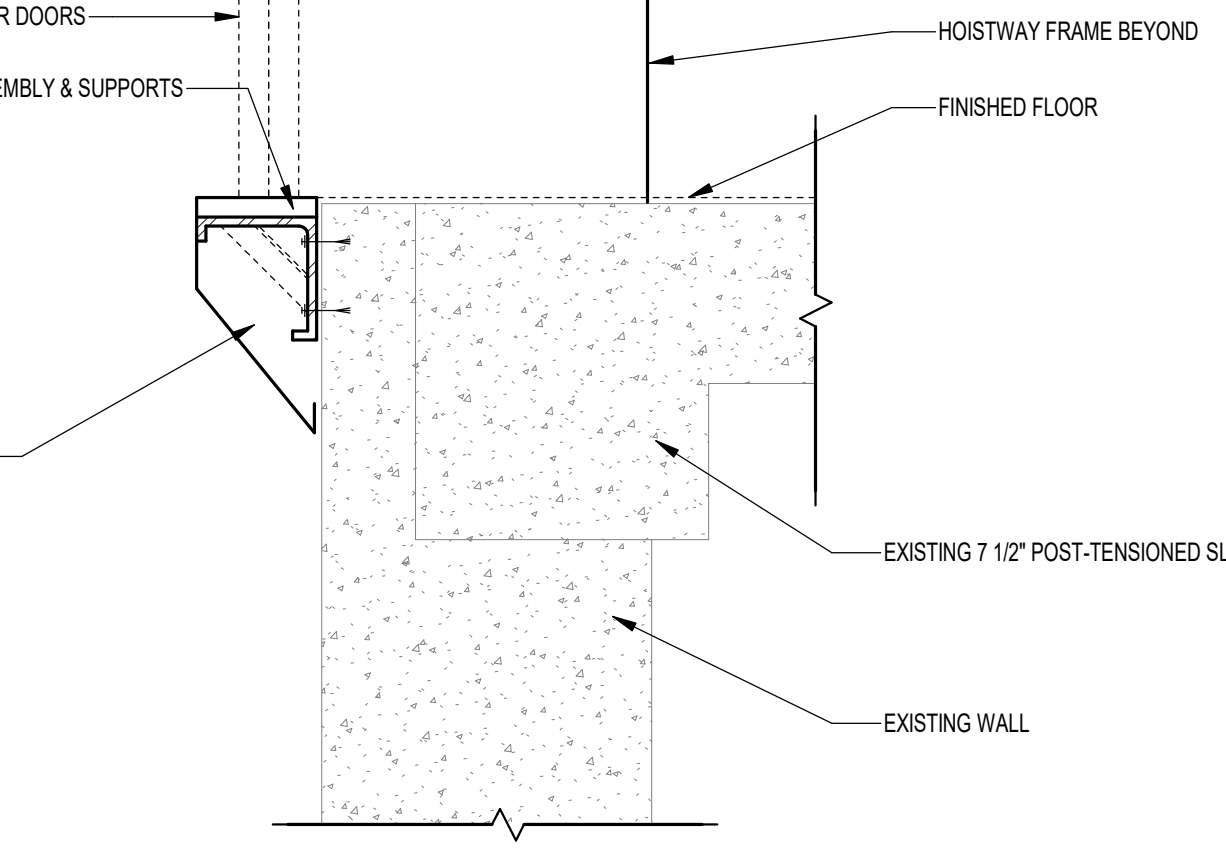
B3 ELEVATOR HEAD AT EXISTING CONCRETE
1 1/2" = 1'-0"



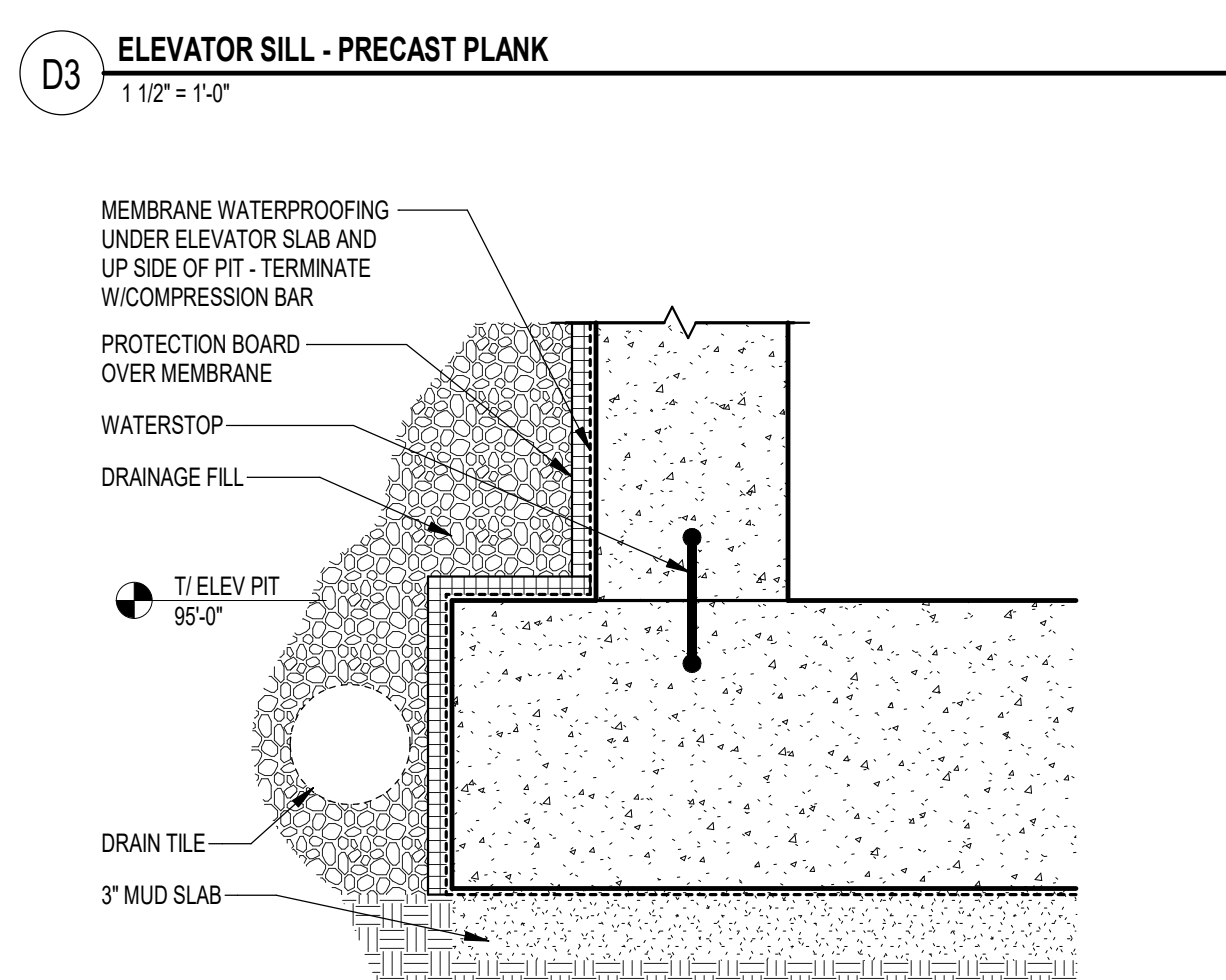
B4 SECTION @ WEST PARAPET
1" = 1'-0"



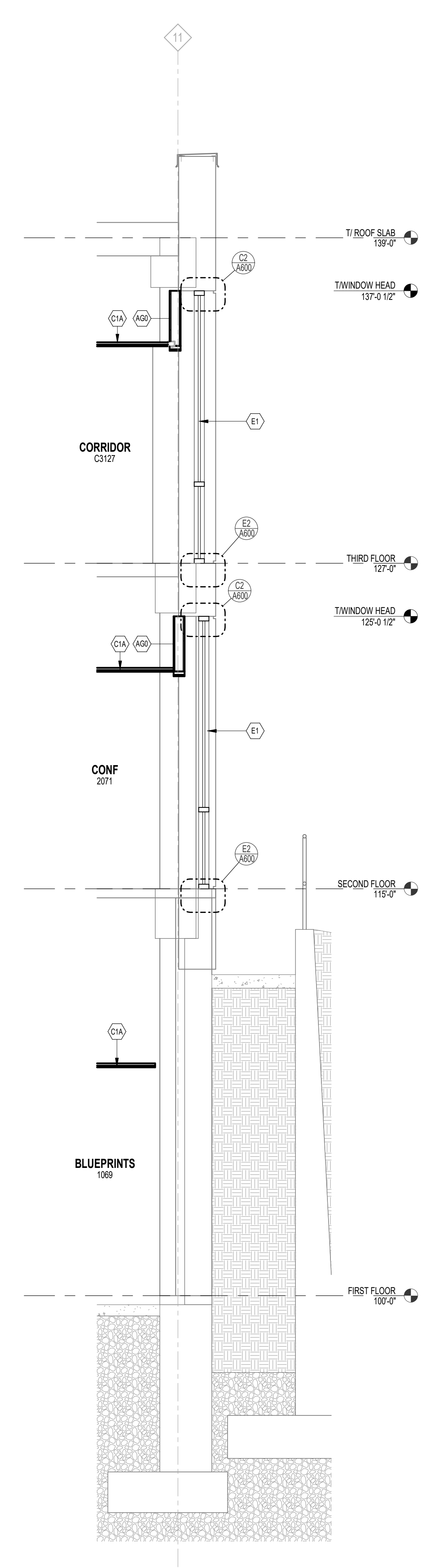
C3 ELEVATOR JAMB AT CMU
1 1/2" = 1'-0"



D3 ELEVATOR SILL - PRECAST PLANK
1 1/2" = 1'-0"



E3 ELEVATOR PIT
1 1/2" = 1'-0"



E5 WALL SECTION @ WINDOWS
3/8" = 1'-0"

EXTERIOR WALL TYPES	
MARK	ASSEMBLY DESCRIPTION
1G.1	EXTERIOR STUD WALL CONSISTING OF 5/8\"/>
4Z.1	12\"/>
4Z.2	12\"/>
5H.1	INSULATED ARCHITECTURAL PRECAST CONCRETE WALL PANEL SYSTEM CONSISTING OF 8\"/>

INTERIOR PARTITION TYPES			
MARK	ASSEMBLY DESCRIPTION	FIRE RATING	UL INSULATION
A00	3-5/8\"/>	--	--
B00	3-5/8\"/>	--	3-1/2\"/>
G00	1-5/8\"/>	--	--
G50	3-5/8\"/>	--	--
QEZ	2-1/2\"/>	2 HR	U415 (B)

- GYPSUM BOARD PARTITIONS GENERAL NOTES**
- A. ALL GYPSUM BOARD PARTITIONS SHALL BE (600) UNLESS OTHERWISE NOTED ON FLOOR PLAN.
 - B. GYPSUM BOARD PARTITION DIMENSIONS ON FLOOR PLAN ARE BASED ON FACE OF FINISHED PARTITION TO FACE OF FINISHED PARTITION (NOMINAL).
 - C. REFER TO GYPSUM BOARD SPECIFICATION FOR LOCATION AND TYPE(S) OF GYPSUM BOARD MATERIAL REQUIRED.
 - D. PROVIDE FIRE RATED GYPSUM BOARD AT ALL FIRE RATED PARTITIONS.
 - E. SEAL ALL WALL PENETRATIONS AT PERIMETER AND FIRESTOP ALL FIRE RATED PARTITIONS.
 - F. EXTEND ALL GYPSUM BOARD PARTITIONS FULL HEIGHT TO UNDERSIDE OF PRECAST ABOVE.

CONSTRUCTION ASSEMBLIES	
MARK	CONSTRUCTION DESCRIPTION
C1A	2x2 LAY-IN CEILING PANELS IN EXPOSED GRID SYSTEM SUSPENDED FROM STRUCTURE ABOVE.
C2	5/8\"/>
R2A	SINGLE PLY ROOFING SYSTEM FULLY ADHERED EPDM MEMBRANE ON 1/4\"/>

CONSTRUCTION TYPES	
MARK	DESCRIPTION
E1	ALUMINUM WINDOW SYSTEM WITH INSULATING GLASS.

DRAWN BY: EIG 7/18/2023 11:02:59 AM

ROOM FINISH SCHEDULE													
ROOM NUMBER	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH				CEILING		CASEWORK		COMMENTS	REV
				NORTH	EAST	SOUTH	WEST	TYPE	FINISH	CABINET	COUNTERTOP		
FIRST FLOOR													
1063	FACILITIES MANAGEMENT	C-1	RB-1	PAE-1	PAE-1	PAE-1.2	PAE-1	SUSPGYP	AC-1PAE-1	--	--	--	
1064	OFFICE	C-1	EXTGRB-1	PAE-1	PAE-2	PAE-1	PAE-1	SUSP	AC-1	--	--	--	
1065	OFFICE	EXTG	EXTGRB-1	EXTG	EXTG	PAE-	EXTG	EXTG	EXTG	--	--	--	
1067	OFFICE	EXTG	EXTG	PAE-1	PAE-1	PAE-2	EXTG	EXTG	EXTG	--	--	--	
1068	OFFICE	EXTG	EXTGRB-1	PAE-2	PAE-1	PAE-1	SUSP	AC-1	--	--	--	--	
1069	BLUEPRINTS	C-1	EXTGRB-1	EXTG	EXTG	PAE-	PAE-	SUSP	AC-1	--	--	--	
C1067	CORRIDOR	C-1	RB-1	PAE-1	PAE-1	PAE-1.2	PAE-1	SUSP	AC-1	--	--	--	
EL1	ELEVATOR	C-1	--	--	--	--	--	--	--	--	--	3	
SECOND FLOOR													
2071	CONF	C-1	RB-1	PAE-1	PAE-1	PAE-1	PAE-2	SUSP	AC-1	--	--	1	
2072	CONF	C-1	RB-1	PAE-1	PAE-1	PAE-1	PAE-2	SUSP	AC-1	--	--	--	
2073	CONF	C-1	RB-1	PAE-1	PAE-1	PAE-1	PAE-2	SUSP	AC-1	--	--	--	
2075	OPEN OFFICE	C-1	RB-1	PAE-1	PAE-1	PAE-1.2	PAE-1	SUSP	AC-1	--	--	--	
C2065	CORRIDOR	C-1	EXTGRB-2	EXTG	EXTG	PAE-1	EXTG	SUSPGYP	AC-1PAE-1	--	--	--	
C2066	CORRIDOR	C-1	EXTGRB-2	PAE-1	PAE-1	PAE-1	PAE-1.2	SUSP	AC-1	--	--	--	
C2069	CORRIDOR	C-1	RB-1	EXTG	EXTG	EXTGPAE-1	PAE-1	SUSP	AC-1	--	--	--	
THIRD FLOOR													
3117	OPEN OFFICE	EXTG	EXTGPATCH	EXTG	EXTG	EXTG	EXTGPATCH	EXTG	EXTG	--	--	--	
3128	STORAGE	C-1	EXTGRB-1	PAE-1	PAE-1	PAE-1	PAE-1	EXTG	EXTGSALWAGE	--	--	2	
3130	STORAGE	C-1	EXTGRB-1	PAE-1	PAE-1	PAE-1	PAE-1	EXTG	EXTGSALWAGE	--	--	2	
3132	COPY	C-1	EXTGRB-1	PAE-1	PAE-1	PAE-1	PAE-1	EXTG	EXTGSALWAGE	--	--	2	
3163	ACTIVE RECORDS	C-1	EXTGRB-1	EXTG	EXTGPAE-1	EXTGPAE-1	EXTG	EXTG	EXTGSALWAGE	--	--	2	
C3127	CORRIDOR	C-1	RB-2	PAE-1	PAE-1	PAE-1	PAE-1	SUSPGYP	AC-1PAE-1	--	--	--	

PAINTING SCHEDULE

PAE = GLOSS LEVEL 3
 PAS = GLOSS LEVEL 5 (DOOR FRAMES)

ROOM FINISH GENERAL NOTES:

- A. CARPET INSTALLATION METHOD TO MATCH EXISTING.
- B. ALL FACES AND UNDERSIDES OF SOFFITS TO BE PAINTED TO MATCH ADJACENT WALL.
- C. PAINT ALL MISC. METAL GRILLES, ETC. TO MATCH PAINT OF ADJACENT WALL.
- D. PROVIDE CORNER GUARDS CG-1 AS SHOWN ON FLOOR PLAN.

ROOM FINISH SCHEDULE COMMENTS:

- 1. PROVIDE BLINDS BL-1.
- 2. REINSTALL SALVAGED CEILING TILE AS NEEDED.
- 3. ELEVATOR FINISHES TO BE SELECTED FROM MANUFACTURER'S STANDARD RANGE.

MATERIAL SCHEDULE				
CODE	MATERIAL	NAME & NUMBER	MANUFACTURER	REV
ACOUSTICAL CEILING - DIVISION 9				
AC-1	ACOUSTICAL CEILING (MAIN)	RADAR ACOUSTIC PANELS 2410, 24" X 48", 15/16" WHITE GRID	USG	
AC-2	ACOUSTICAL CEILING (EXTG)	RADAR ILLUSION PANELS 2942, 24" X 48", 15/16" WHITE GRID	USG	
RESILIENT FLOORING - DIVISION 9				
RB-1	RESILIENT BASE	4" H, COLOR: 63 BURNT UMBER	TARKETT	
RB-2	RESILIENT BASE	6" H, COLOR: 63 BURNT UMBER	TARKETT	
CARPET - DIVISION 9				
C-1	CARPET	BT144 THREADED CRAFT, DUSK 1879, 24" X 36" BACKING MATCH EXISTING	MCHHWK GROUP	
	TRANSITION STRIP	SUM LINE TRANSITION, COLOR: 63 BURNT UMBER	TARKETT	
PAINTING / STAINING - DIVISION 9 (REFER TO ROOM FINISH SCHEDULE FOR FINISH DESIGNATION) PAO, PAE, PAF, PAS, PAT, PAX, PAH or PAHPAX-X				
PA-1	PAINT	SW767 CRUSHED ICE	SHERWIN WILLIAMS	
PA-2	PAINT	543C	PANTONE	
PA-3	PAINT (DOOR FRAMES)	MATCH EXISTING IN AREA	SHERWIN WILLIAMS	
STN-1	STAIN	MATCH EXISTING SPECIES, CUT, AND STAIN IN AREA	--	
MISC SPECIALTIES - DIVISION 10				
CG-1	CORNER GUARD	2" HIGH IMPACT CORNER GUARD, COLOR: GALA 0380, 4" H	INPRO	
WINDOW TREATMENT - DIVISION 12				
BL-1	HORIZONTAL BLINDS	MINI BLINDS, SIZE & COLOR TO MATCH EXISTING	SWF CONTRACT	

DOOR SCHEDULE														
DOOR NUMBER	ROOM NUMBER	ROOM NAME	DOOR					FRAME			ASSEMBLY RATING	HARDWARE GROUP	COMMENTS	REV
			SIZE	TYPE	MATERIAL	FINISH	GLASS	TYPE	MATERIAL	FINISH				
FIRST FLOOR														
1064	1064	OFFICE	3'-0" W x 7'-0" H	F: 1	WD	STN	-	FR3: C	EXTG	EXTG	-	2.0	-	
1065	1065	OFFICE	3'-0" W x 7'-0" H	F: 1	WD	STN	-	FR3: C	EXTG	EXTG	-	2.0	-	
1068	1068	OFFICE	3'-0" W x 7'-0" H	F: 1	WD	STN	-	FR1: A	HM	PA	-	2.0	-	
1069	1069	BLUEPRINTS	3'-0" W x 7'-0" H	F: 1	WD	STN	-	FR1: A	HM	PA	-	2.0	-	
1069.1	C1067	CORRIDOR	3'-0" W x 7'-0" H	F: 1	WD	STN	-	FR1: A	HM	PA	-	4.0	-	
SECOND FLOOR														
2069	C2069	CORRIDOR	3'-0" W x 7'-0" H	F: 1	EXTG	EXTG	-	FR1: A	EXTG	EXTG	-	3.0	1	
2071	2071	CONF	3'-0" W x 7'-0" H	F: 1	WD	STN	-	FR1: A	EXTG	EXTG	-	2.0	-	
2072	2072	CONF	3'-0" W x 7'-0" H	F: 1	WD	STN	-	FR1: A	HM	PA	-	2.0	-	
2073	2073	CONF	3'-0" W x 7'-0" H	F: 1	WD	STN	-	FR1: A	HM	PA	-	2.0	-	
THIRD FLOOR														
3127	C3127	CORRIDOR	3'-0" W x 7'-0" H	F: 2	EXTG	EXTG	-	FR1: A	EXTG	EXTG	-	1.0	1	
3128	3128	STORAGE	3'-0" W x 7'-0" H	F: 2	EXTG	EXTG	-	FR1: A	HM	PA	-	2.0	1	
3130	3130	STORAGE	3'-0" W x 7'-0" H	F: 2	EXTG	EXTG	-	FR1: A	HM	PA	-	2.0	1	
3132	3132	COPY	3'-0" W x 7'-0" H	F: 2	EXTG	EXTG	-	FR3: C	EXTG	EXTG	-	3.0	1	
3163	3163	ACTIVE RECORDS	3'-0" W x 7'-0" H	F: 2	EXTG	EXTG	-	FR1: A	EXTG	EXTG	-	3.0	1	

DOOR SCHEDULE COMMENTS:

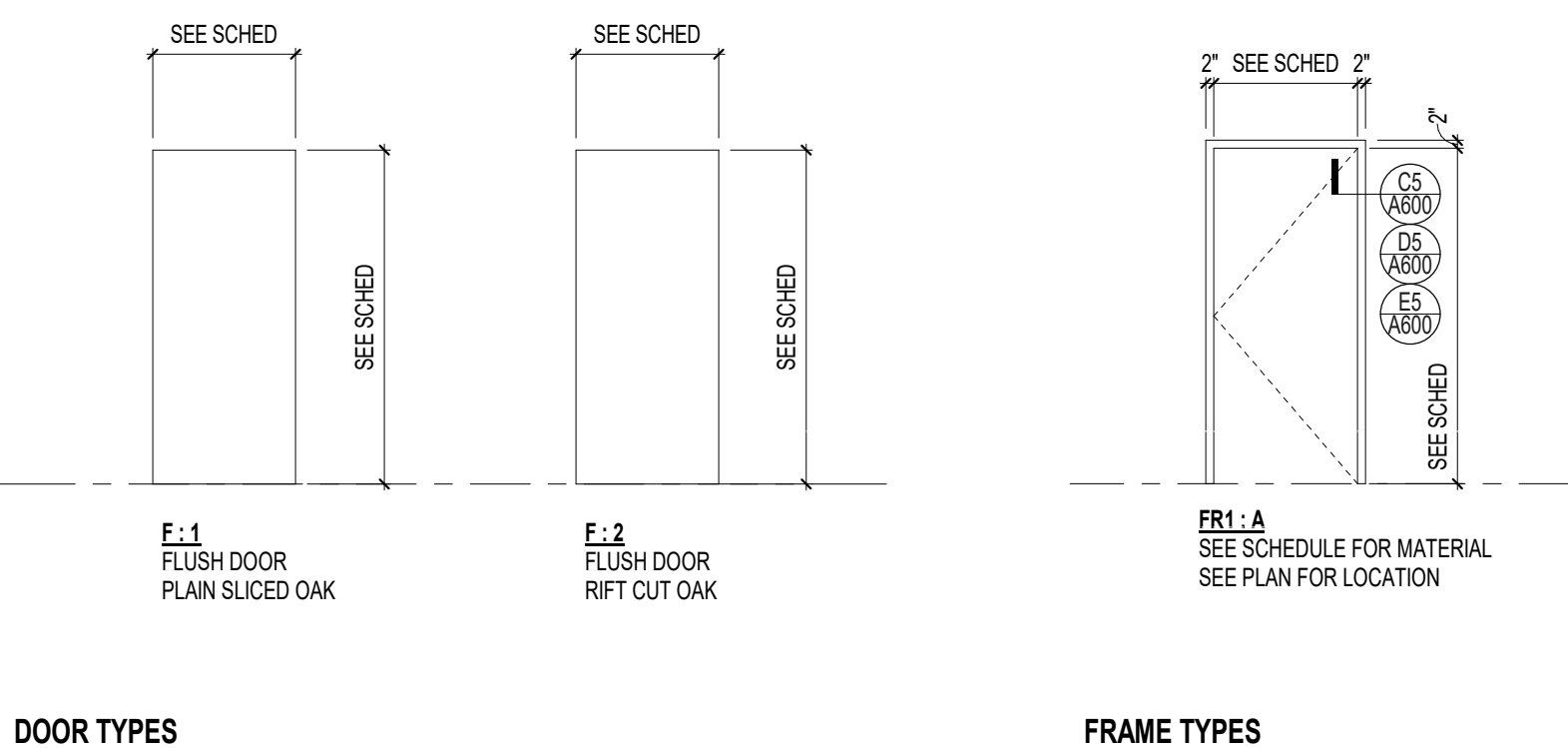
- 1. EXISTING DOOR SIZE INDICATED ON SCHEDULE IS FOR REFERENCE ONLY. FIELD VERIFY ALL EXISTING DOOR SIZES.

GENERAL DOOR NOTES:

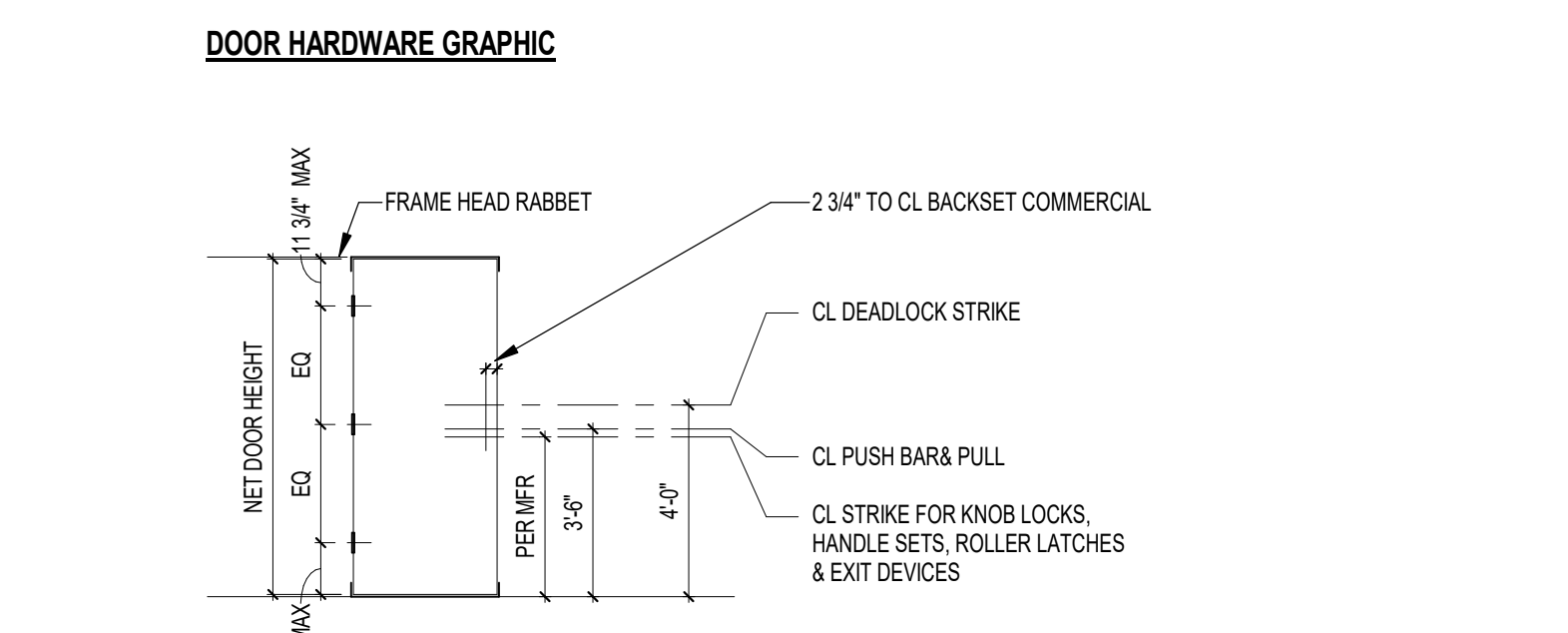
- A. ALL METAL FRAMES AND MISC. METAL TO BE PAINTED PAS-3, UNLESS OTHERWISE NOTED.
- B. DOOR NUMBER IS IDENTICAL TO NUMBER OF ROOM IN WHICH DOOR OCCURS. IN CASES OF MULTIPLE DOORS IN ONE ROOM, SUFFIXES ARE ADDED TO DOOR NUMBER.
- C. ALL DOORS ARE 1-3/4" THICK, UNLESS NOTED OTHERWISE.

GLAZING SCHEDULE:

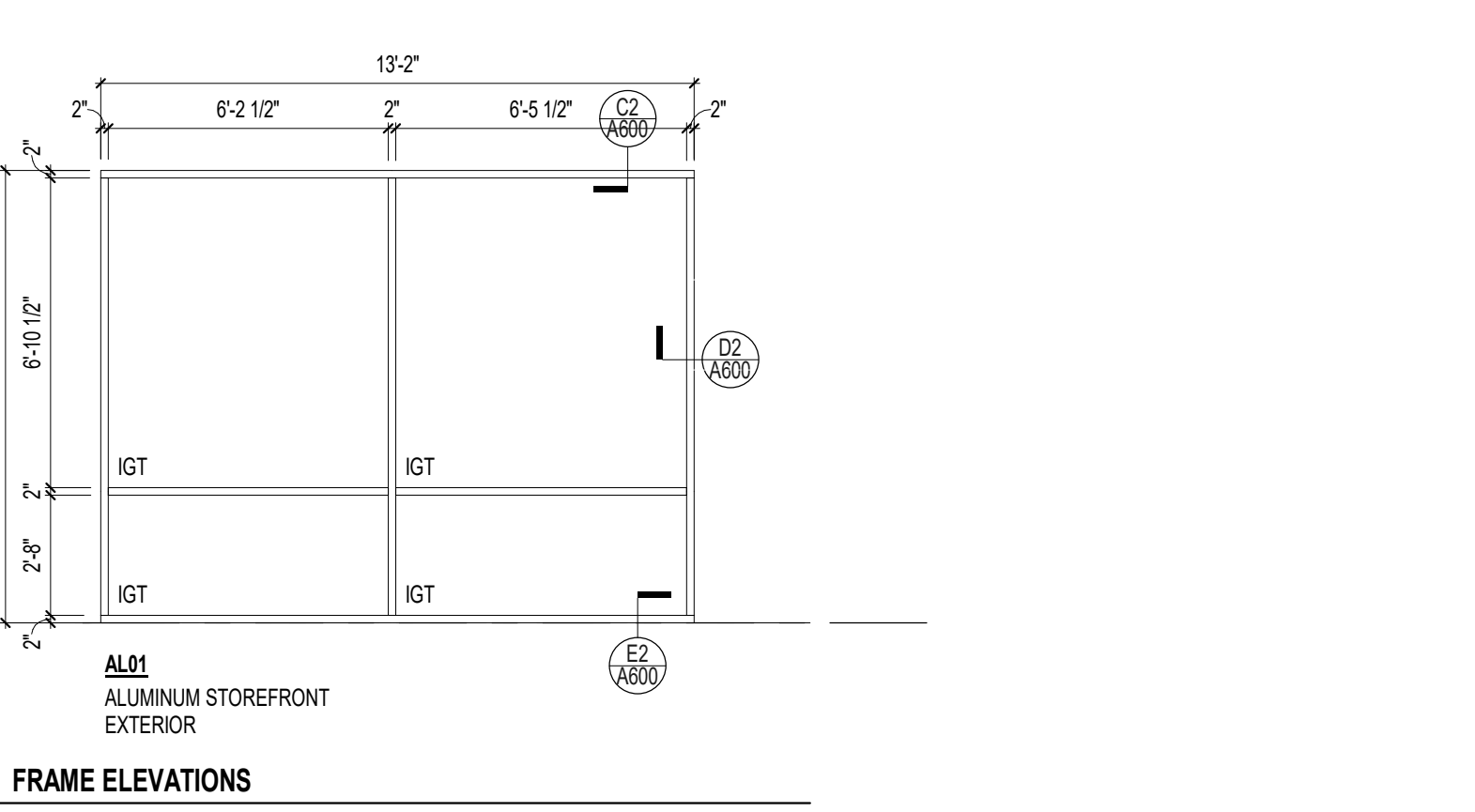
IGT INSULATING GLASS - FULLY TEMPERED



DOOR TYPES and **FRAME TYPES**



DOOR HARDWARE GRAPHIC



FRAME ELEVATIONS

DRAWN BY: EIG 7/18/2023 11:03:00 AM

1610 S. 10TH ST. SUITE 200, MADISON, WISCONSIN 53718
 608.249.9900
 1979 MAIN STREET, SUITE 201, WAUKESHA, WISCONSIN 53186
 262.533.4444
 201 CAMPBELL STREET, SUITE 200, WAUKESHA, WISCONSIN 53186
 262.533.4444

prad PLUNKETT RAYSCH ARCHITECTS, LLP

WASHINGTON COUNTY
 HERBERT J. TENNIES GOVERNMENT CENTER ELEVATOR ADDITION
 432 E. WASHINGTON STREET, WEST BEND, WI 53095

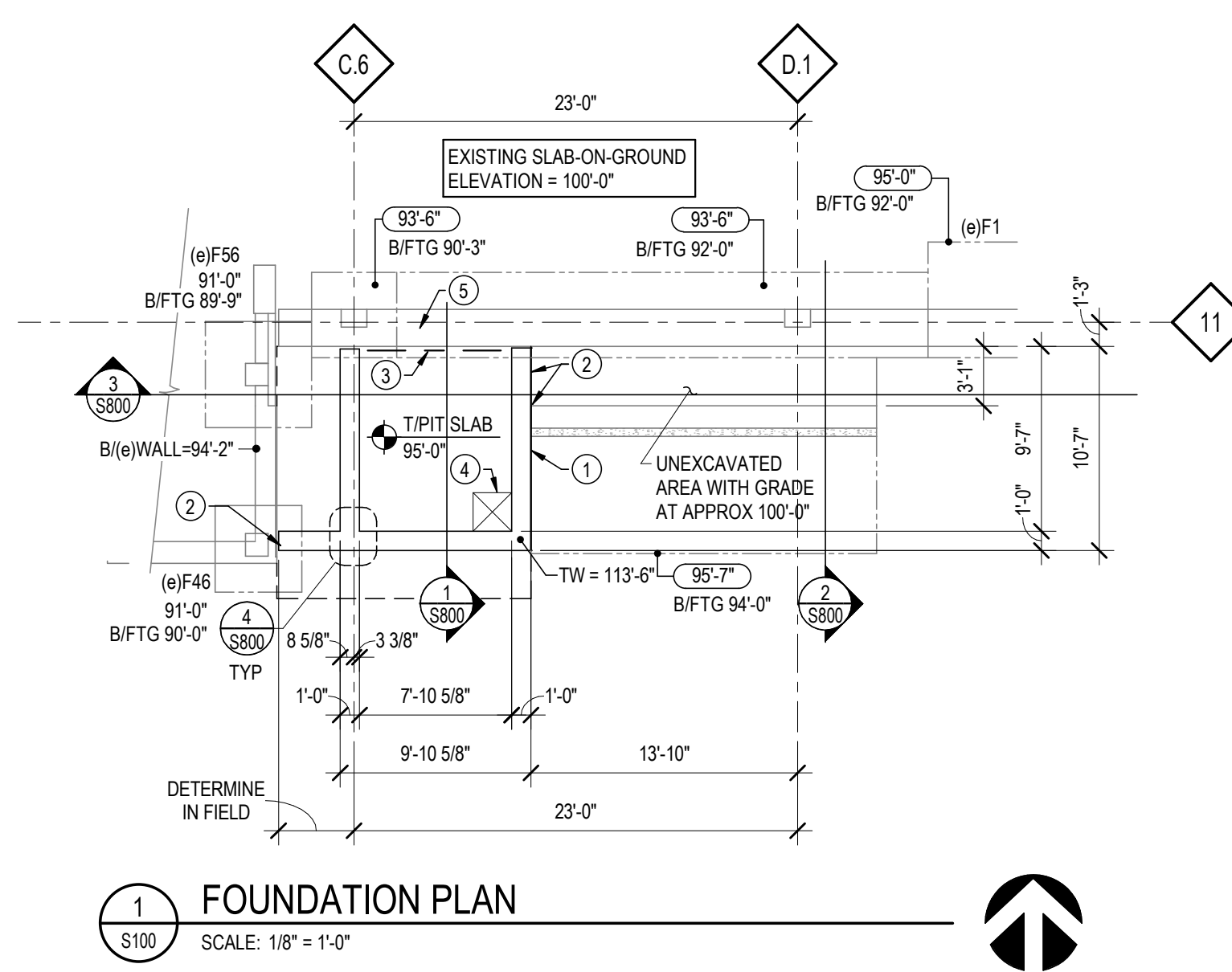
REVISIONS:

© 2023 PLUNKETT RAYSCH ARCHITECTS, LLP
 CONSTRUCTION SET
 DATE: 07/18/2023
 JOB NO: 230105-01
 SHEET NO:
 SCHEDULES, DOOR TYPES AND FRAME ELEVATIONS
 A890

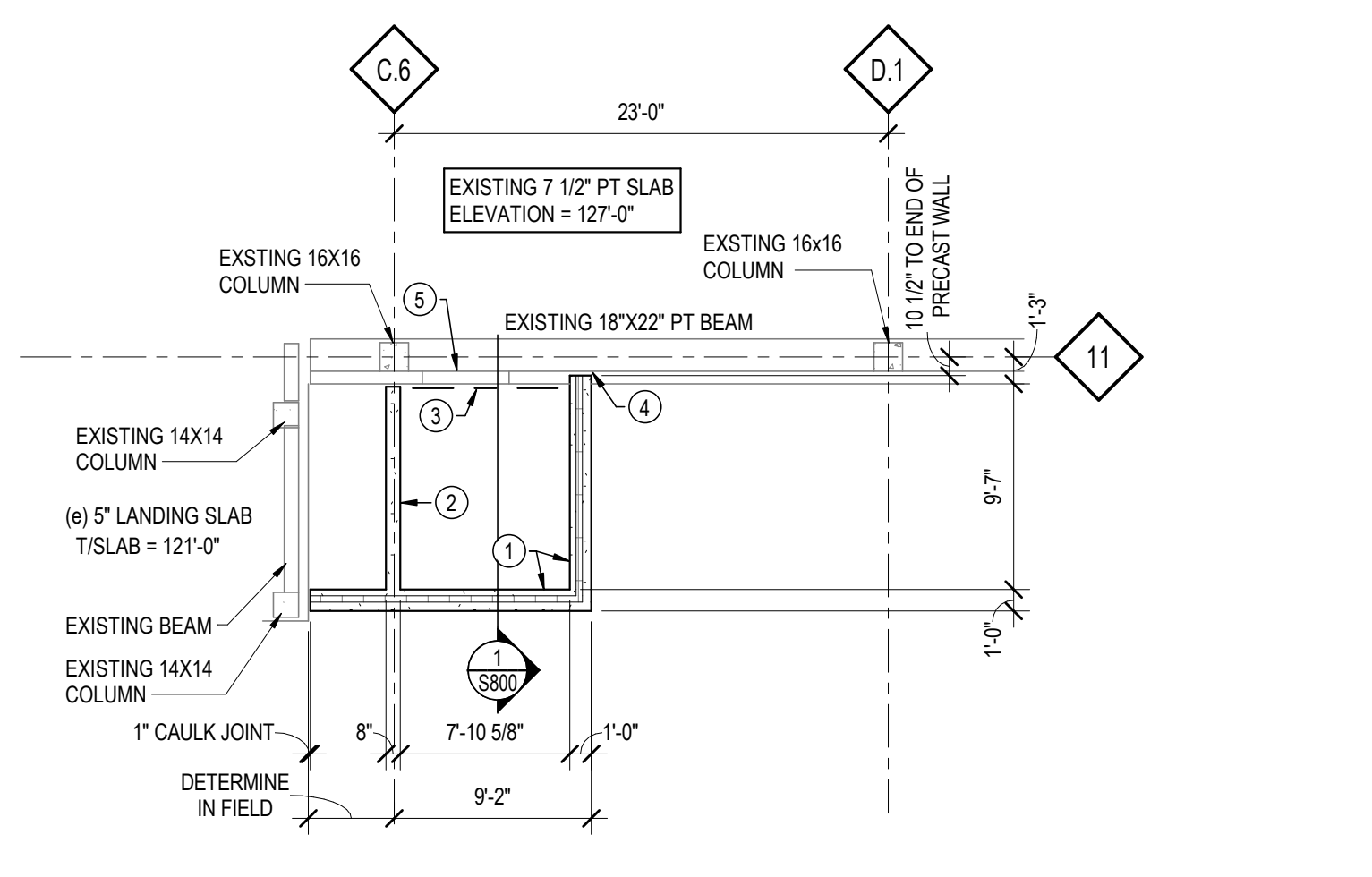
- BUILDING CODES
 - DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF THE 2018 WISCONSIN COMMERCIAL BUILDING CODE (BASED ON IBC 2015) AS CONTAINED IN CHAPTERS SPS 361, SPS 362 and SPS 366 OF THE WISCONSIN ADMINISTRATIVE CODE.
- RISK CATEGORY III
- DESIGN LOADS AND DATA
 - SOIL DATA
 - AT-REST SOIL PRESSURE 55 PSF PER FOOT OF DEPTH
 - SNOW LOADS
 - GROUND SNOW (p_g) 30 PSF
 - SNOW DENSITY (1.13 p_g + 14 < 30) 17.9 PCF
 - ROOF EXPOSURE PARTIALLY EXPOSED
 - EXPOSURE FACTOR (C_e) 1.0
 - THERMAL FACTOR - BUILDING (C_t) 1.0
 - SNOW IMPORTANCE FACTOR (I_s) 1.1
 - FLAT ROOF SNOW LOAD (p_f) = 0.7 C_e C_t I_s p_g 24 PSF
 - WIND DATA
 - ULTIMATE DESIGN WIND SPEED - 3 SECOND GUST (V_{ult}) 115 MPH
 - NOMINAL DESIGN WIND SPEED - 3 SECOND GUST (V_{ns}) 89 MPH
 - BUILDING ENCLASURE
 - EXPOSURE B
 - WIND DIRECTIONALITY FACTOR (K_d) 0.85
 - TOPOGRAPHIC FACTOR (K_t) 1.0
 - GUST FACTOR (G - BUILDING IS RIGID) 0.85
 - INTERNAL PRESSURE COEFFICIENT (ENCLOSED - GC_e) ± 0.18
 - INTERNAL PRESSURE COEFFICIENT (PARTIALLY ENCLOSED - GC_e) DIRECTIONAL
 - SEISMIC DATA
 - SEISMIC IMPORTANCE FACTOR 1.25
 - MAPPED SPECTRAL RESPONSE ACCELERATION FOR SHORT PERIODS (S_s) 0.076
 - MAPPED SPECTRAL RESPONSE ACCELERATION FOR 1 SECOND PERIOD (S₁) 0.042
 - SITE CLASS PER ASCE CHAPTER 20.1 D
 - DESIGN SPECTRAL RESPONSE ACCELERATION FOR SHORT PERIODS (S_{MS}) 0.081
 - DESIGN SPECTRAL RESPONSE ACCELERATION FOR 1 SECOND PERIOD (S_{MS1}) 0.067
 - SEISMIC DESIGN CATEGORY B
 - BASIC SEISMIC FORCE RESISTING SYSTEM AND PARAMETERS
 - ORDINARY PRECAST SHEAR WALLS
 - R = 3.0 C_u = 2.0 C_u = 3.0
 - SEISMIC RESPONSE COEFFICIENT (C_s) 0.034
 - ANALYSIS PROCEDURE EQUIVALENT LATERAL FORCE (ASCE 12.8)

- SYSTEM NOTES
 - FOUNDATIONS AND EARTHWORK
 - REMOVE EXISTING SURFICIAL TOP SOIL AND VEGETATION FROM WITHIN THE BUILDING AREA AND A MINIMUM OF TEN FEET BEYOND. EXCAVATE MATERIAL TO PROPOSED SLAB-ON-GRADE SUBGRADE. PROCKFILL WITH A HEAVY RUBBER TIRED VEHICLE. SOILS WHICH HEAVE, PUMP, OR DO NOT READILY COMPACT SHALL BE EXCAVATED AND REPLACED WITH ENGINEERED FILL.
 - SUBGRADE PREPARATION FOR FOOTINGS SHALL CONSIST OF EXCAVATION TO REQUIRED ALLOWABLE BEARING CAPACITY SOILS AT OR NEAR DESIGN FOOTING ELEVATIONS. WHERE UNSUITABLE SOIL IS ENCOUNTERED AT NOMINAL BEARING DEPTH, SEE OVER EXCAVATION DETAIL.
 - ALL COMPACTION REQUIREMENTS REFER TO % OF MAXIMUM DRY DENSITY PER ASTM D-1557 MODIFIED PROCTOR. GRANULAR STRUCTURES SHALL BE PLACED IN LAYERS NO MORE THAN 4" THICK, AND EACH LAYER SHALL BE COMPACTED TO 95% COHESIVE FILL APPROVED BY THE GEOTECHNICAL CONSULTANT SHALL BE PLACED IN LAYERS NO THICKER THAN 8" AND EACH LAYER SHALL BE COMPACTED TO 90%. MOISTURE CONDITION FILL MATERIALS AS REQUIRED TO OBTAIN PROPER COMPACTION. COHESIVE SOILS OR GRANULAR SOILS WITH A SIGNIFICANT PERCENT OF COHESIVE FINES SHALL BE CONDITIONED TO WITHIN 3% OF OPTIMUM MOISTURE CONTENT AT COMPACTION.
 - ALL ACTIVITIES CONCERNING PREPARATION AND VERIFICATION OF BEARING SOILS FOR SLAB-ON-GRADE AND FOOTINGS SHALL BE SUPERVISED AND APPROVED BY A QUALIFIED GEOTECHNICAL ENGINEER.
 - COLUMNS, PIERS, AND SPREAD FOOTINGS ARE CENTERED ON GRIDLINES UNLESS NOTED OTHERWISE. CONTINUOUS FOOTINGS ARE CENTERED ON WALLS ABOVE UNLESS NOTED OTHERWISE.
 - BACKFILL UNIFORMLY ON EACH SIDE OF FOUNDATION WALLS, GRADE BEAMS AND OTHER SIMILAR ELEMENTS. DO NOT BACKFILL AGAINST ANY STRUCTURAL ELEMENT UNTIL THAT ELEMENT HAS ATTAINED FULL DESIGN STRENGTH. DO NOT BACKFILL AGAINST BASEMENT WALLS UNTIL TOP AND BOTTOM OF WALL IS BRACED BY FLOOR FRAMING AND SLAB-ON-GRADE UNLESS NOTED OTHERWISE ON THE DRAWINGS.
 - TOP OF FOOTING ELEVATION NOTED ON DRAWINGS REPRESENT CONSIDERED ENGINEERING JUDGMENT BY THE ENGINEER OF RECORD ABOUT PROTECTION FROM FROST AND MINIMUM DEPTH TO SOILS CAPABLE OF PROVIDING DESIGN SOIL BEARING CAPACITY. UNCERTAINTIES INHERENT IN DETERMINING THE ELEVATION OF SOILS ADEQUATE TO PROVIDE DESIGN BEARING CAPACITY MAY REQUIRE FOUNDATIONS TO BE LOWERED - IN NO CASE SHALL TOP OF FOOTING BE HIGHER THAN NOTED. A GEOTECHNICAL ENGINEER SHALL VERIFY THAT SOIL AT THE FOOTING BASE IS ADEQUATE TO PROVIDE THE REQUIRED DESIGN SOIL BEARING CAPACITY.
 - CAST-IN-PLACE CONCRETE
 - DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF ACI 318-14 USING STRENGTH DESIGN METHODOLOGY, EXCEPT WHERE MORE RESTRICTIVE REQUIREMENTS ARE NOTED.
 - REINFORCING CLEAR COVER SHALL BE AS NOTED BELOW UNLESS SPECIFICALLY NOTED OTHERWISE ON STRUCTURAL DRAWINGS.
 - CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH 3"
 - CONCRETE EXPOSED TO EARTH OR WEATHER
 - #3 - #5 BARS 1 1/2"
 - #6 - #18 BARS 2"
 - CONCRETE NOT EXPOSED TO EARTH OR WEATHER
 - WALLS - #3 THRU #11 BARS 3/4"
 - WALLS - #14 THRU #18 BARS 1 1/2"
 - STRUCTURAL SLABS - TOP, BOTTOM 1"
 - JOIST TIES AND MAIN REINFORCING - TOP, BOTTOM, SIDES 1 1/2"
 - BEAM TIES - TOP, BOTTOM, SIDES 1 1/2"
 - BEAM MAIN REINFORCING - TOP, BOTTOM, SIDES 2"
 - COLUMN / PIER MAIN REINFORCING 2"
 - PROVIDE (2) #5 BARS AROUND ALL OPENINGS AND (2) #5 DIAGONAL BARS AT ALL OPENING AND RE-ENTRANT CORNERS. BARS SHALL EXTEND A MINIMUM OF 24" PAST OPENING.
 - ALL BAR SPLICES SHALL BE CONTACT LAP SPLICED USING CLASS B TENSION LAP LENGTHS, WITH ADJACENT LAPS STAGGERED A MINIMUM OF 3'-0" UNLESS DETAILED OTHERWISE. SEE REINFORCEMENT TABLES FOR REQUIRED LAP AND DEVELOPMENT LENGTHS.
 - FIELD WELDING OF ASTM A615 REINFORCING STEEL IS NOT PERMITTED. FIELD BENDING OF REINFORCING STEEL IS NOT PERMITTED EXCEPT WHERE SPECIFICALLY DETAILED ON STRUCTURAL DRAWINGS.
 - PRECAST CONCRETE
 - DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF ACI 318-14 AND THE PCI DESIGN HANDBOOK, SEVENTH EDITION, USING STRENGTH DESIGN METHODOLOGY, EXCEPT WHERE MORE RESTRICTIVE REQUIREMENTS ARE NOTED.
 - PRECAST MEMBERS SHALL BE DESIGNED TO SUPPORT THEIR OWN SELF WEIGHT, THE SUPERIMPOSED LOADS NOTED ON THE STRUCTURAL PLANS AND DETAILS, AND TO ACCOMMODATE THE DETAILS AND ADDITIONAL LOADS THAT MAY BE SHOWN ON ARCHITECTURAL, MECHANICAL, PLUMBING OR ELECTRICAL PLANS.
 - METAL DECKING
 - DESIGN, FABRICATION AND ERECTION OF STEEL DECK SHALL BE IN ACCORDANCE WITH THE 2010 (RIF) DECK AND NON-COMPOSITE FLOOR DECK) AND 2011 (COMPOSITE DECK) STEEL DECK INSTITUTE (SDI) STANDARDS.
 - PROVIDE ANGLE SUPPORTS FOR METAL DECK AT ALL COLUMN FACES WHERE SUPPORT IS REQUIRED, AND IS NOT PROVIDED BY MEMBERS FRAMING TO COLUMN. ANGLE FRAMING SHALL BE A MINIMUM OF L2x2x1/8.
 - NO LOADS FROM ARCHITECTURAL, MECHANICAL, ELECTRICAL OR PLUMBING ITEMS, SINGLE OR IN AGGREGATE, IN EXCESS OF 25 POUNDS SHALL BE HUNG FROM METAL ROOF DECK IN ANY 4 SQUARE FOOT AREA. LOADS EXCEEDING THIS LIMIT REQUIRE SUPPLEMENTAL FRAMING ATTACHED DIRECTLY TO STRUCTURAL FRAMING.
 - ELEVATORS
 - ELEVATOR HOISTWAY DIMENSIONS, PIT DEPTHS, SHEAVE BEAM SLABS, HOIST BEAMS, DIVIDER BEAMS AND ELEVATOR REACTIONS ARE BASED ON PRELIMINARY ELEVATOR INFORMATION ONLY. FINAL ELEVATOR SHOP DRAWINGS WERE NOT AVAILABLE DURING PREPARATION OF CONSTRUCTION DOCUMENTS.
 - CONTRACTOR SHALL SUBMIT FINAL ELEVATOR SHOP DRAWINGS TO THE ENGINEER THROUGH THE ARCHITECT FOR REVIEW. ELEVATOR SHOP DRAWINGS SHALL INDICATE THE LOADS FOR THE MACHINES, COUNTERWEIGHTS, CAR BUFFERS, COUNTERWEIGHT BUFFERS, AND GUIDE RAILS. CONNECTION OF THESE ELEMENTS TO THE STRUCTURE SHALL BE CLEARLY DEPICTED FOR VERIFICATION OF THE LOAD CARRYING CAPACITY OF THE SUPPORTING STRUCTURE.
 - CONTRACTOR SHALL NOT BEGIN FABRICATION OR CONSTRUCTION OF ANY STRUCTURAL ELEMENTS RELATED TO THE ELEVATORS UNTIL FINAL ELEVATOR SHOP DRAWINGS HAVE BEEN SUBMITTED, RECEIVED BY THE ARCHITECT AND ENGINEER FOR COORDINATION PURPOSES, AND APPROVED. THESE ITEMS INCLUDE, BUT ARE NOT LIMITED TO, ELEVATOR PIT WALLS AND FOUNDATIONS, SEPARATOR BEAMS, GUIDE RAILS SUPPORT TUBES, HOIST BEAMS, MACHINE ROOM FRAMING AND SHEAVE BEAMS.
 - CONTRACTOR SHALL COORDINATE THE NUMBER AND LOCATION OF ELEVATOR GUIDE RAIL, SUPPORT TUBES FOR ELEVATOR GUIDE RAILS AND COUNTERWEIGHT RAILS WITH THE FINAL ELEVATOR SHOP DRAWINGS.
 - POST-INSTALLED ANCHORAGE
 - ALL POST-INSTALLED ANCHORS MUST BE INSTALLED IN STRICT CONFORMANCE WITH THE MANUFACTURERS PRINTED INSTALLATION INSTRUCTIONS INCLUDING, BUT NOT LIMITED TO, DRILL TYPE, HOLE CLEANING, INSTALLATION TORQUE, AND TEMPERATURE CONSTRAINTS.
 - ALL PERSONNEL INSTALLING POST-INSTALLED ANCHORS SHALL BE TRAINED/CERTIFIED BY THE MANUFACTURER ON PROPER INSTALLATION TECHNIQUE FOR EACH TYPE OF FASTENER. CONTRACTOR SHALL COORDINATE ANY ON-SITE TRAINING WITH THE ANCHOR MANUFACTURER. TRAINING DOCUMENTATION SHALL BE AVAILABLE FOR REVIEW UPON REQUEST. ADDITIONALLY, THE ANCHOR MANUFACTURERS REPRESENTATIVE SHALL BE PRESENT DURING THE INITIAL INSTALLATION OF EACH TYPE OF ANCHOR TO REVIEW AND APPROVE THE CONTRACTORS INSTALLATION PROCEDURES.
 - FOR ADHESIVE ANCHORS INSTALLED HORIZONTALLY OR UPWARDLY INCLINED, INSTALLER SHALL HOLD AN ACTIVE ACIRSI ISSUED ADHESIVE ANCHOR INSTALLER CERTIFICATION IN ADDITION TO TRAINING BY THE ANCHOR MANUFACTURER.
 - WHEN A SPECIFIC PRODUCT AND MANUFACTURER IS REFERENCED IN THE CONTRACT DOCUMENTS, THAT SPECIFIC PRODUCT SHALL BE USED. THE LISTS BELOW CONTAIN ACCEPTABLE PRE-APPROVED ANCHORS FOR USE AS AN EQUAL (WHERE "OR EQUAL" IS INDICATED) OR WHERE POST-INSTALLED ANCHORAGE IS REFERRED TO IN THE STRUCTURAL DRAWINGS BY GENERIC REFERENCE (E.G. "EXPANSION ANCHOR" OR "SCREW ANCHOR" OR "ADHESIVE ANCHOR").
 - CONCRETE
 - EXPANSION ANCHORS FOR USE IN CONCRETE INCLUDE:
 - HILTI KWIK-BOLT TZ
 - SIMPSON STRONG-TIE: STRONG-BOLT 2
 - DEWALT: POWER-STUD-SD2, -SD4 OR -SD6
 - SCREW ANCHORS FOR USE IN CONCRETE INCLUDE:
 - HILTI KH-EZ
 - SIMPSON STRONG-TIE: TITEN HD
 - DEWALT: SCREW-BOLT+
 - ADHESIVE ANCHORS FOR USE IN CONCRETE INCLUDE:
 - HILTI HIT-RE 500 V3 OR HIT-HY 200
 - SIMPSON STRONG-TIE: SET-30 OR AT-XP
 - DEWALT: PURE110- OR AC208+
 - MASONRY ANCHORS
 - EXPANSION ANCHORS TO SOLID OR GROUTED CMU INCLUDE:
 - HILTI KWIK-BOLT TZ
 - SIMPSON STRONG-TIE: STRONG-BOLT 2
 - DEWALT: POWER-STUD-SD1
 - SCREW ANCHORS TO SOLID OR GROUTED CMU INCLUDE:
 - HILTI KH-EZ
 - SIMPSON STRONG-TIE: TITEN HD
 - DEWALT: SCREW-BOLT+
 - ADHESIVE ANCHORS TO SOLID, GROUTED, OR HOLLOW CMU:
 - HILTI HIT-HY 270
 - SIMPSON STRONG-TIE: AT-XP
 - DEWALT: AC100+ GOLD

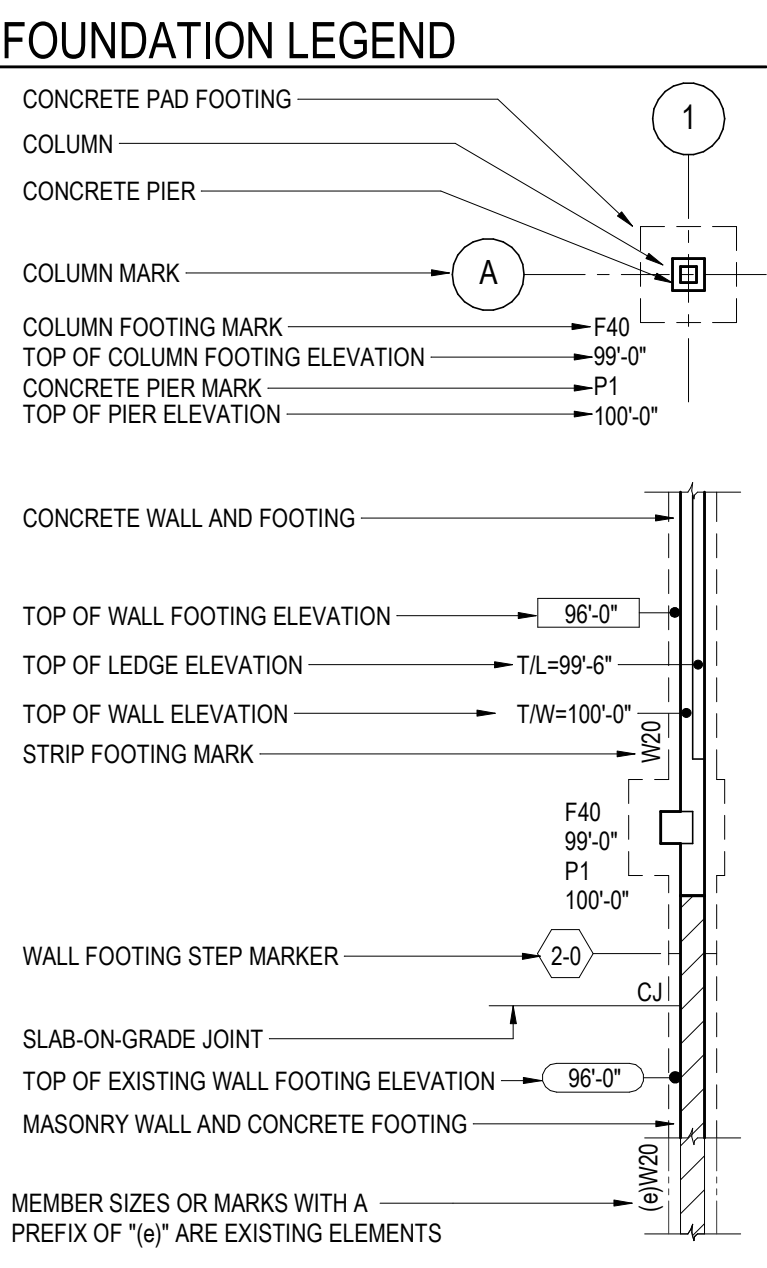
- MATERIAL STRENGTHS AND STANDARDS
 - THE MATERIAL STRENGTHS AND STANDARDS LISTED HERE REPRESENT A SELECTED SUMMARY OF THE REQUIREMENTS NOTED IN THE SPECIFICATIONS. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION. IN CASE OF DISCREPANCY BETWEEN THESE NOTES AND THE SPECIFICATIONS, THESE NOTES SHALL GOVERN.
 - SOILS
 - DESIGN SOIL BEARING CAPACITY FOR SPREAD/STRIP FOOTINGS 4000 PSF
 - CONCRETE (28 DAY STRENGTH)
 - FOOTINGS, DRILLED PIERS, STEEL PILE FILL F_c = 3,000 PSI
 - FOUNDATION WALLS, INTEGRAL PIERS F_c = 4,000 PSI
 - INTERIOR SLAB-ON-GRADE F_c = 4,000 PSI
 - EXTERIOR SLAB-ON-GRADE F_c = 4,500 PSI
 - REINFORCING STEEL
 - WELDED WIRE FABRIC, PROVIDED IN FLAT SHEETS ONLY (ASTM A186) F_y = 65,000 PSI
 - DEFORMED BARS (ASTM A615, GRADE 60) F_y = 60,000 PSI
 - STRUCTURAL STEEL (SHAPES)
 - W, WT SECTIONS, CHANNELS (ASTM A992) F_y = 50,000 PSI; F_t = 65,000 PSI
 - M, MT, S, ST SECTIONS, ANGLES (ASTM A36) F_y = 36,000 PSI; F_t = 58,000 PSI
 - HSS SHAPES - SQUARE/RECTANGULAR (ASTM A500, GRADE C) F_y = 30,000 PSI; F_t = 62,000 PSI
 - HSS SHAPES - ROUND (ASTM A500, GRADE C) F_y = 50,000 PSI; F_t = 62,000 PSI
 - STEEL PIPE (ASTM A53, GRADE B) F_y = 35,000 PSI; F_t = 60,000 PSI
 - PLATES (ASTM A36) F_y = 36,000 PSI; F_t = 58,000 PSI
 - STRUCTURAL STEEL CONNECTIONS
 - ANCHOR RODS (ASTM F1554, GRADE 36) F_y = 36,000 PSI; F_t = 58,000 PSI
 - HIGH STRENGTH BOLTS (F1554) OR A325 UNLESS NOTED ON DRAWINGS F_y = 51,000 PSI; F_t = 85,000 PSI
 - TENSION CONTROL BOLT (F3125) F_y = 51,000 PSI; F_t = 85,000 PSI
 - WELDING ELECTRODES E70XX F_y = 51,000 PSI; F_t = 65,000 PSI
 - SHEAR CONNECTORS (ASTM A29, GRADE 1010 THROUGH 1020; AWS TYPE B) F_y = 70,000 PSI; F_t = 80,000 PSI
 - CONCRETE ANCHORS (ASTM A498, AWS TYPE B) F_y = 70,000 PSI; F_t = 80,000 PSI
 - DEFORMED BAR ANCHORS (ASTM A498, AWS TYPE C) F_y = 36,000 PSI; F_t = 58,000 PSI
 - THREADED RODS (ASTM A36) F_y = 36,000 PSI; F_t = 58,000 PSI
 - GROUT (ASTM C1107) F_c = 5,000 PSI
- GENERAL NOTES
 - EXISTING CONDITIONS
 - INFORMATION PERTAINING TO EXISTING CONDITIONS GIVEN ON THE STRUCTURAL DRAWINGS REPRESENTS THE ACTUAL EXISTING FIELD CONDITION TO THE BEST OF OUR KNOWLEDGE. R.A. SMITH, INC. MAKES NO WARRANTY AS TO THEIR ACCURACY. CONTRACTOR SHALL FIELD VERIFY EXISTING ELEVATIONS, DIMENSIONS AND BUILDING CONDITIONS AFFECTING THE WORK BY DIRECT SURVEY AND MEASUREMENT PRIOR TO THE PREPARATION OF SHOP DRAWINGS, FABRICATION, ERECTION OR CONSTRUCTION OF ANY ITEM IMPACTED BY EXISTING CONDITIONS. REPORT DISCREPANCIES BETWEEN THE CONTRACT DOCUMENTS AND FIELD CONDITIONS TO THE ENGINEER. ANY WORK PERFORMED PRIOR TO THE RESOLUTION OF THE DISCREPANCIES IS SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE.
 - EXISTING STRUCTURE TO REMAIN IS SHOWN WITH LIGHT GRAY LINES. EXISTING STRUCTURE TO BE REMOVED IS NOT GENERALLY SHOWN ON STRUCTURAL DRAWINGS - SEE ARCHITECTURAL DRAWINGS FOR DEMOLITION INFORMATION.
 - ALL EXISTING STRUCTURE TO REMAIN TO BE SUPPORTED BY NEW CONSTRUCTION SHALL BE SHORED UNTIL NEW CONSTRUCTION IS IN PLACE, COMPLETED, AND CAPABLE OF SUPPORTING THE EXISTING STRUCTURE. EXISTING STRUCTURE TO REMAIN THAT IS AFFECTED, BUT NOT SUPPORTED, BY NEW CONSTRUCTION SHALL BE SHORED UNTIL IT IS NO LONGER AFFECTED BY CONSTRUCTION ACTIVITIES.
 - EXISTING CONSTRUCTION SHALL NOT BE USED AS A MATERIAL STAGING AREA FOR NEW CONSTRUCTION, AND SHALL NOT BE USED TO PROVIDE TEMPORARY BRACING FOR NEW CONSTRUCTION.
 - CONSTRUCTION
 - UNLESS SPECIFICALLY NOTED OTHERWISE, BUILDING STRUCTURE HAS BEEN DESIGNED FOR THE FINAL COMPLETED CONDITION ONLY, AND HAS NOT BEEN ANALYZED, INVESTIGATED OR DESIGNED FOR OVERALL STRUCTURE, OR INDIVIDUAL MEMBER, STABILITY DURING CONSTRUCTION. CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY BRACING AND SUPPORTS FOR ALL STRUCTURAL ELEMENTS, BOTH INDIVIDUALLY AND COLLECTIVELY, AS REQUIRED AT EVERY STAGE OF CONSTRUCTION UNTIL THE FINAL COMPLETION OF THE STRUCTURE. NO PORTION OF THE BUILDING STRUCTURE, WHILE UNDER CONSTRUCTION IS INTENDED TO BE STABLE IN THE ABSENCE OF THE CONTRACTORS TEMPORARY BRACES AND SUPPORTS, WHICH SHALL ADDITIONALLY PROVIDE SUPPORT FOR ALL CONSTRUCTION LOADING. MATERIALS AND EQUIPMENT SHALL BE STORED, TRANSPORTED AND INSTALLED IN A MANNER THAT WILL NOT EXCEED THE DESIGN FLOOR LOADING.
 - CONTRACTOR IS SOLELY RESPONSIBLE FOR THE MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES OF CONSTRUCTION INCLUDING, BUT NOT LIMITED TO, TEMPORARY BRACING, SUPPORTS, SHORING, FORMING TO SUPPORT IMPOSED CONSTRUCTION LOADS, AND OTHER SIMILAR ITEMS.
 - STRUCTURAL DOCUMENTS MAY REFER TO OSHA REQUIREMENTS. SUCH REFERENCES ARE INCIDENTAL, AND ARE NOT INTENDED TO IDENTIFY ALL APPLICABLE OSHA REQUIREMENTS.
 - COMPLETENESS
 - INFORMATION CONTAINED IN THE GENERAL NOTES IS ONLY A PARTIAL SUMMARY OF PROJECT REQUIREMENTS. SEE SPECIFICATIONS, PLANS AND DETAILS FOR ADDITIONAL REQUIREMENTS.
 - ALL STRUCTURAL CONTRACT DOCUMENTS INCLUDED ARE EQUALLY APPLICABLE TO THE IMPORTANCE OF THE DEFINITION OF STRUCTURAL REQUIREMENTS. ALL DRAWINGS MUST BE REVIEWED AND COMPARED PRIOR TO BIDDING AND CONSTRUCTION. IF ANY DISCREPANCIES OR CONFLICTS ARE IDENTIFIED REPORT TO THE ARCHITECT/ENGINEER FOR CLARIFICATION.
 - USE ONLY DIMENSIONS INDICATED ON THE DRAWINGS. DO NOT MANUALLY SCALE THE DRAWINGS OR USE ANY DIMENSIONS MEASURED FROM ELECTRONIC DRAWING FILES.
 - UNLESS NOTED OTHERWISE, CENTERLINE OF FLOOR FRAMING ELEMENTS COINCIDES WITH COLUMN CENTERLINES, AND FRAMING ELEMENTS ARE EQUALLY SPACED BETWEEN ADJACENT COLUMN CENTERLINES.
 - MAJOR OPENING LOCATIONS AND SIZES ARE INDICATED ON THE STRUCTURAL DRAWINGS. SMALLER OPENINGS AND SLEEVES REQUIRED TO ACCOMMODATE VARIOUS BUILDING SERVICES MAY NOT BE NOTED. CONTRACTOR TO VERIFY THE SIZE AND LOCATION OF ALL ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING OPENINGS, INCLUDING CLEARANCE REQUIREMENTS CONTAINED IN THE RESPECTIVE DISCIPLINE DOCUMENTS FOR INSTALLATION AND IN-PLACE OPERATION OF THE RESPECTIVE EQUIPMENT OR ITEMS.
 - CONSULT ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS AND MANUFACTURERS SPEC SHEETS FOR LOCATIONS AND DIMENSIONS OF PADS, CURBS, EQUIPMENT SUPPORTS, DEPRESSIONS, INSERTS, DRIPS, REGLETS, REVEALS, FINISHES AND OTHER MISCELLANEOUS PROJECT REQUIREMENTS THAT NECESSITATE INCIDENTAL ACCOMMODATION BY THE BUILDING STRUCTURE BUT ARE NOT SHOWN ON THE STRUCTURAL DRAWINGS.
 - GENERAL
 - THE STRUCTURE HAS BEEN DESIGNED AS UNRESTRAINED FOR THE PURPOSE OF FIRE RATING AND FIREPROOFING ASSEMBLY EVALUATIONS.
 - STRUCTURAL COMPONENTS HAVE NOT BEEN DESIGNED FOR VIBRATORY EQUIPMENT UNLESS NOTED OTHERWISE. PLACE VIBRATORY EQUIPMENT AND EQUIPMENT SENSITIVE TO VIBRATIONS ON VIBRATION ISOLATORS SPECIFICALLY DESIGNED FOR THE EQUIPMENT.
 - ALL SYSTEMS, INCLUDING EXTERIOR FACADES AND FRAMING, WHICH ARE DESIGNED AND DETAILED BY COMPONENT SUPPLIERS, ARE ASSUMED TO IMPOSE VERTICAL AND/OR HORIZONTAL LOADS ON THE BASE BUILDING STRUCTURE WITHOUT CAUSING TORSION IN THE SUPPORTING STRUCTURAL MEMBERS. COMPONENT SUPPLIERS ARE RESPONSIBLE FOR DESIGNING, FURNISHING AND INSTALLING SUPPLEMENTARY BRACING MEMBERS AS REQUIRED TO PREVENT THEIR SYSTEMS FROM CAUSING TORSION IN THE SUPPORTING STRUCTURAL MEMBERS, WHERE PROVIDED, SUPPLEMENTARY BRACING SHALL NOT INTERFERE WITH ANY BUILDING SYSTEM NOTED OR DESCRIBED IN THE CONTRACT DOCUMENTS.
 - UNDER NO CIRCUMSTANCES MAY ANY STRUCTURAL ELEMENT BE PENETRATED, CUT, NOTCHED, BLOCKED-OUT, SLEEVED, CORE DRILLED, OR OTHERWISE FIELD MODIFIED OR REDUCED IN STRENGTH AFTER DELIVERY TO THE CONSTRUCTION SITE OR FINAL INCORPORATION IN THE BUILDING STRUCTURE UNLESS SUCH MODIFICATION IS SPECIFICALLY DETAILED ON THE STRUCTURAL DRAWINGS, OR IS APPROVED IN ADVANCE IN WRITING BY THE ENGINEER OF RECORD.
 - EXCEPT AS NOTED BELOW, ALL FUTURE EXPANSION IS ASSUMED TO BE COMPLETELY SELF SUPPORTING FOR BOTH GRAVITY AND LATERAL LOADS.



- KEY NOTES FOR 1/S100
- SAWCUT EXISTING SLAB AT 111'-0", RETAINING WALL AND FOOTING AT FACE OF WHERE NEW WALL TO BE PLACED.
 - PROVIDE WATERSTOP BETWEEN EXISTING WALLS AND SLAB AND NEW CONCRETE SHAFT WALL. SEE DETAIL 7/S800.
 - L5X5X3/8 ELEVATOR SILL ANGLE
 - 2'-0"x2'-0"x2'-0" CROC. CONFIRM LOCATION WITH PLUMBING DRAWINGS. SEE SECTION FOR REINFORCEMENT AT CROC.
 - BOND BEAM LINTEL W/ (2) #4 OVER ELEVATOR DOOR OPENING.

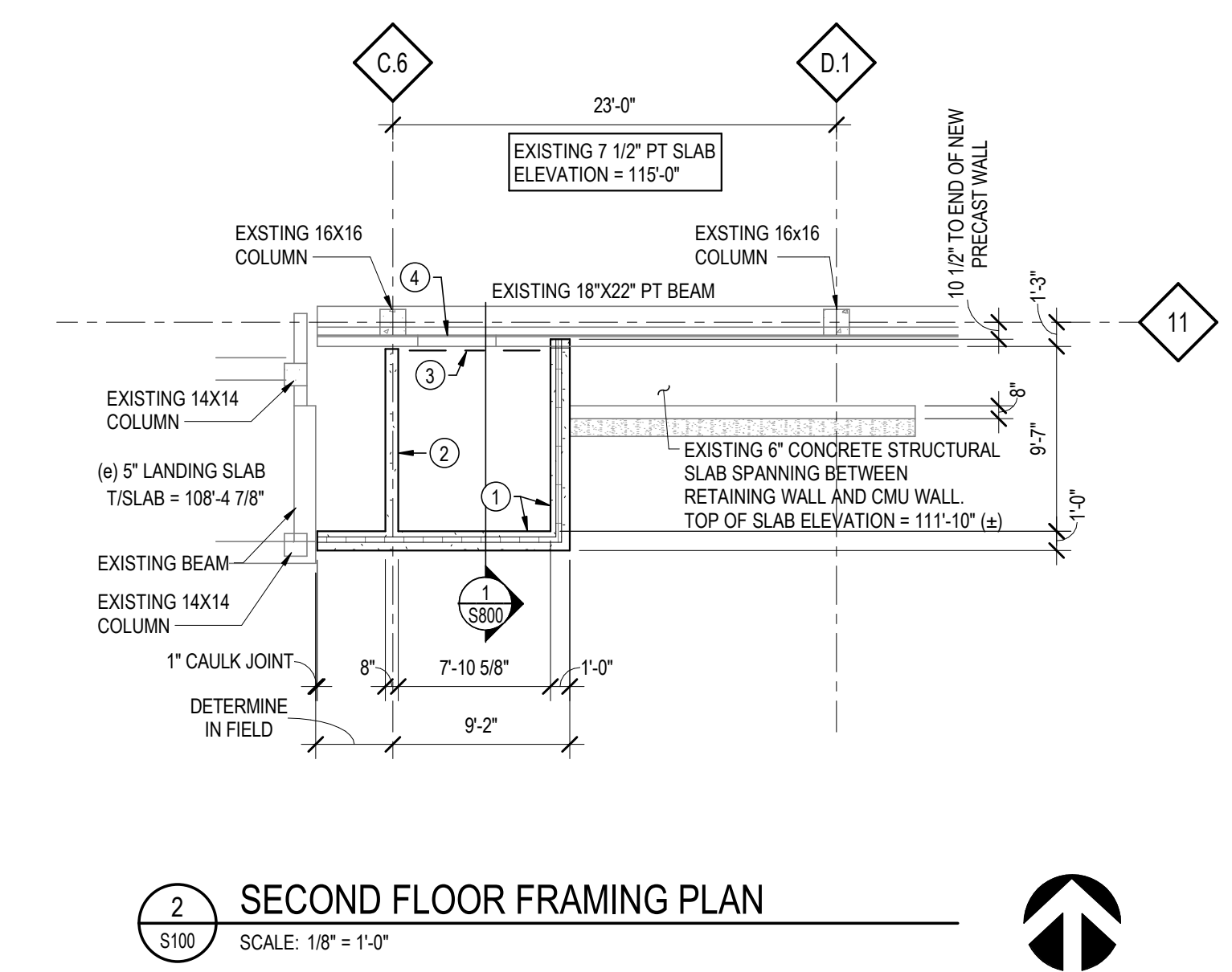


- KEY NOTES FOR 3/S100
- 12" INSULATED PRECAST WALL PANEL
 - 8" INSULATED WALL PANEL
 - L5X5X3/8 ELEVATOR SILL ANGLE
 - NEW PRECAST WALL PANEL TO BE NOTCHED TO FIT AROUND AND PICK UP EXISTING PRECAST SPANDREL PANEL. PORTION OF PANEL TO BE REMOVED AFTER NEW CONNECTION MADE. SEE 9/S800.
 - BOND BEAM LINTEL W/ (2) #4 OVER ELEVATOR DOOR OPENING.

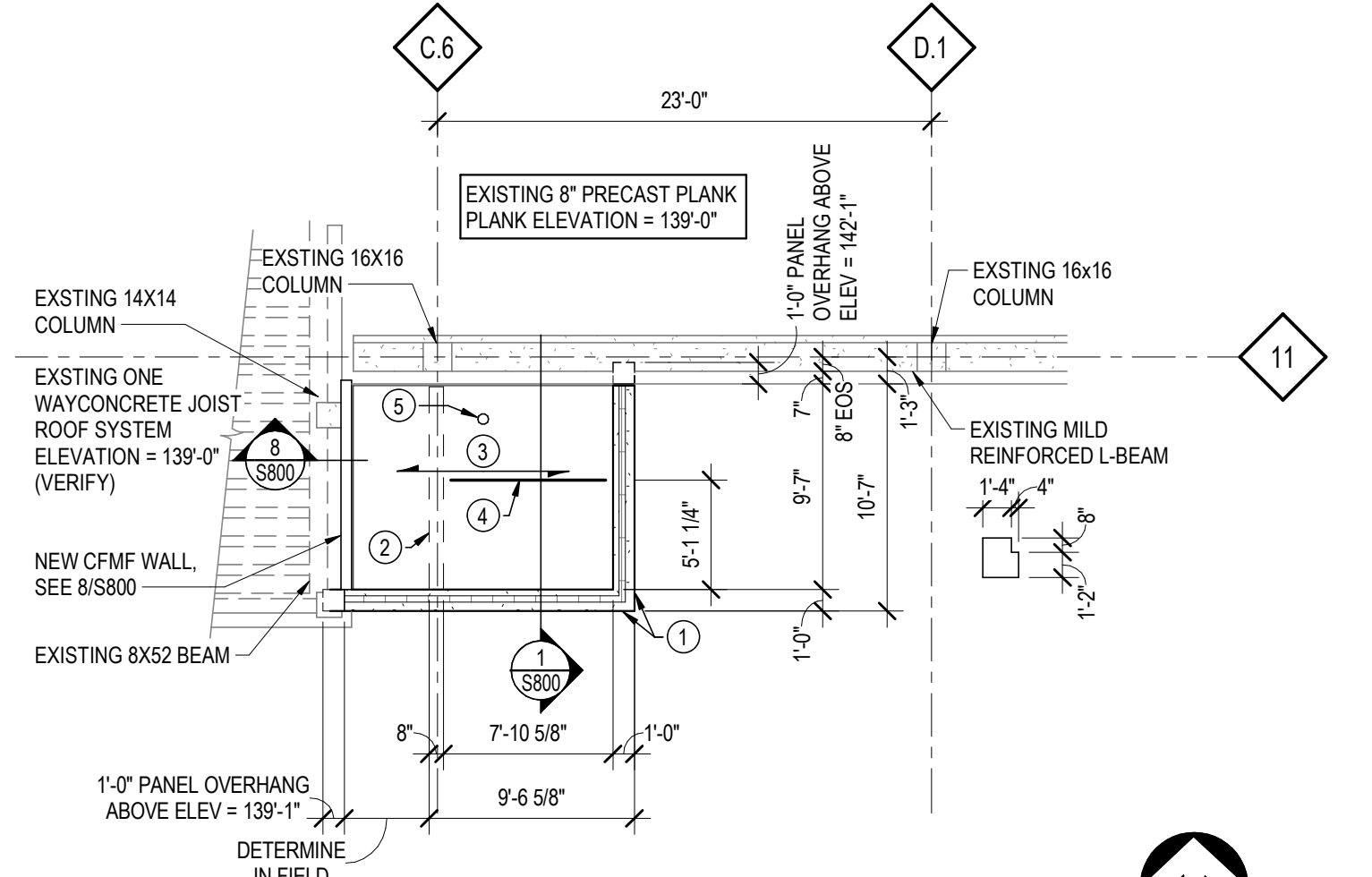


ISOLATED FOOTING SCHEDULE					
MARK	LENGTH	WIDTH	THICKNESS	FOOTING REINFORCEMENT	REMARKS
(e)F1	6'-0"	12'-0"	36"	(5) #9 LW, B, (8) #9 SW, B	EXISTING FOOTING
(e)F46	4'-6"	4'-6"	12"	(8) #4 EW	EXISTING FOOTING
(e)F56	5'-6"	5'-6"	15"	(8) #5 EW	EXISTING FOOTING

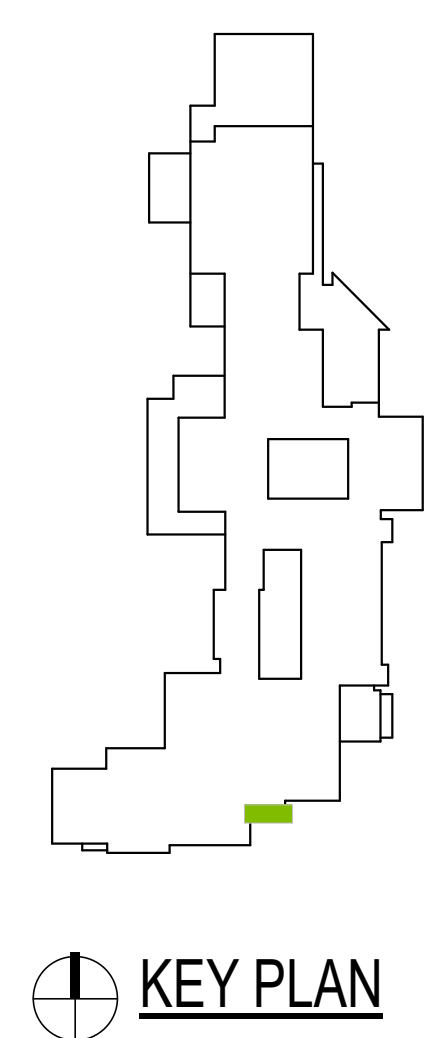
- NOTES:
- B = BOTTOM, T = TOP, LW = LONG WAY, SW = SHORT WAY, EW = EACH WAY.
 - ALL REINFORCEMENT BARS TO BE BOTTOM BARS UNLESS NOTED OTHERWISE.



- KEY NOTES FOR 2/S100
- 12" INSULATED PRECAST WALL PANEL
 - 8" INSULATED WALL PANEL
 - L5X5X3/8 ELEVATOR SILL ANGLE
 - BOND BEAM LINTEL W/ (2) #4 OVER ELEVATOR DOOR OPENING.



- KEY NOTES FOR 4/S100
- 12" INSULATED PRECAST WALL PANEL
 - 8" INSULATED WALL PANEL
 - 8" SOLID CONCRETE SLAB. DESIGN FOR SUPERIMPOSED DEAD LOAD = 25 PSF SUPERIMPOSED LIVE LOAD = 48 PSF TOP OF SLAB ELEVATION = 141'-6"
 - W8X18 HOIST BEAM, BOTTOM OF STEEL ELEVATION = 139'-10". PROVIDE 10X10" EMBED PLATE AT EACH END DESIGNED FOR 7.5K SERVICE LOAD @ ±12'-1". TOP OF PLATE ELEVATION = 140'-7".
 - PRECASTER TO PROVIDE MINIMUM 8x8 EMBEDDED PLATE IN TOP OF SLAB FOR SAFETY TIE-OFF. DESIGN PLATE FOR 5,000LB ULTIMATE HORIZONTAL LOAD IN ANY DIRECTION 12" ABOVE TOP OF SLAB.



FIRE SPRINKLER DESIGN HAZARD SCHEDULE

TAG	AREA CLASSIFICATION (1)	TEMPERATURE CLASSIFICATION	TEMPERATURE RANGE (F°)	SYSTEM TYPE	MINIMUM DENSITY	REMOTE AREA SQ. FT. (2)(3)	HOSE ALLOWANCE	NOTES
LH	LIGHT HAZARD	ORDINARY	135 - 170	WET	0.10 GPM/S.F.	1,500 S.F.	100 GPM	(4)
OH1	ORDINARY HAZARD 1	INTERMEDIATE	175 - 225	WET	0.15 GPM/S.F.	1,500 S.F.	250 GPM	(4)
OH2	ORDINARY HAZARD 2	HIGH	250 - 300	WET	0.20 GPM/S.F.	1,500 S.F.	250 GPM	(4)
D-LH	LIGHT HAZARD	ORDINARY	135 - 170	DRY	0.10 GPM/S.F.	1,950 S.F.	100 GPM	(4)
D-OH1	ORDINARY HAZARD 1	INTERMEDIATE	175 - 225	DRY	0.15 GPM/S.F.	1,950 S.F.	250 GPM	(4)
D-OH2	ORDINARY HAZARD 2	HIGH	250 - 300	DRY	0.20 GPM/S.F.	1,950 S.F.	250 GPM	(4)

- THE FIRE SPRINKLER CONTRACTOR SHALL VERIFY DESIGN HAZARDS CRITERIA PER LOCAL CODES PRIOR TO INSTALLATION.

(1) QUICK RESPONSE HEADS.

(2) REDUCE REMOTE AREA PER NFPA 13 FOR AREAS WITH QUICK RESPONSE SPRINKLERS. SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR MORE INFORMATION.

(3) INCREASE AREA OF OPERATION PER NFPA FOR AREAS WITH SLOPED CEILING GREATER THAN 1 IN 6. SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR MORE INFORMATION.

(4) NFPA 13 EQUIVALENT DENSITY COVERAGE.

FIRE SPRINKLER HEAD SCHEDULE

TAG	TYPE (1)	FINISH	NOTES
CC-W	CONCEALED COVER	WHITE	(2)(3)(4)
CC-C	CONCEALED COVER	COLOR MATCH	(2)(3)(4)
SR-W	SEMI-RECESSED	WHITE	(2)
SR-C	SEMI-RECESSED	CHROME	(2)
SR-B	SEMI-RECESSED	BRASS	(2)
UP-B	UPRIGHT	BRASS	(2)
UP-BwG	UPRIGHT	BRASS W/ WIRE GUARD	(2)
P-B	PENDENT	BRASS	(2)
P-BwG	PENDENT	BRASS W/ WIRE GUARD	(2)
SW-W	SIDEWALL	WHITE	(2)
SW-B	SIDEWALL	BRASS	(2)

- THE FIRE SPRINKLER CONTRACTOR SHALL VERIFY CEILING TYPES PRIOR TO INSTALLATION.

- SEE REFLECTED ARCH PLAN FOR CEILING FOR MORE INFORMATION.

(1) QUICK RESPONSE HEADS.

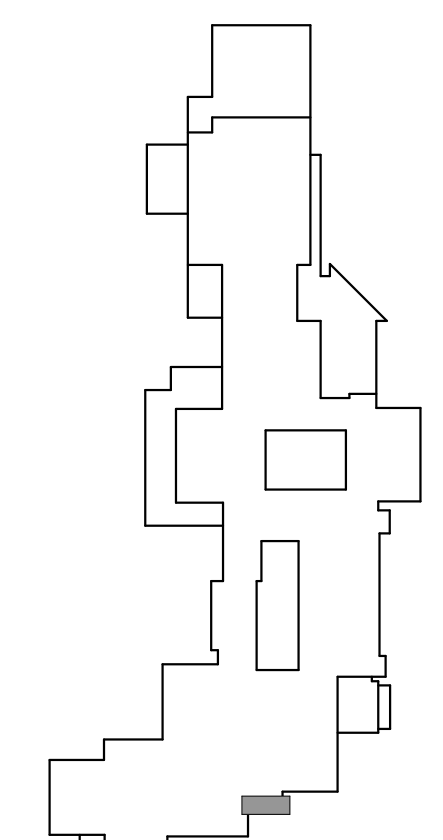
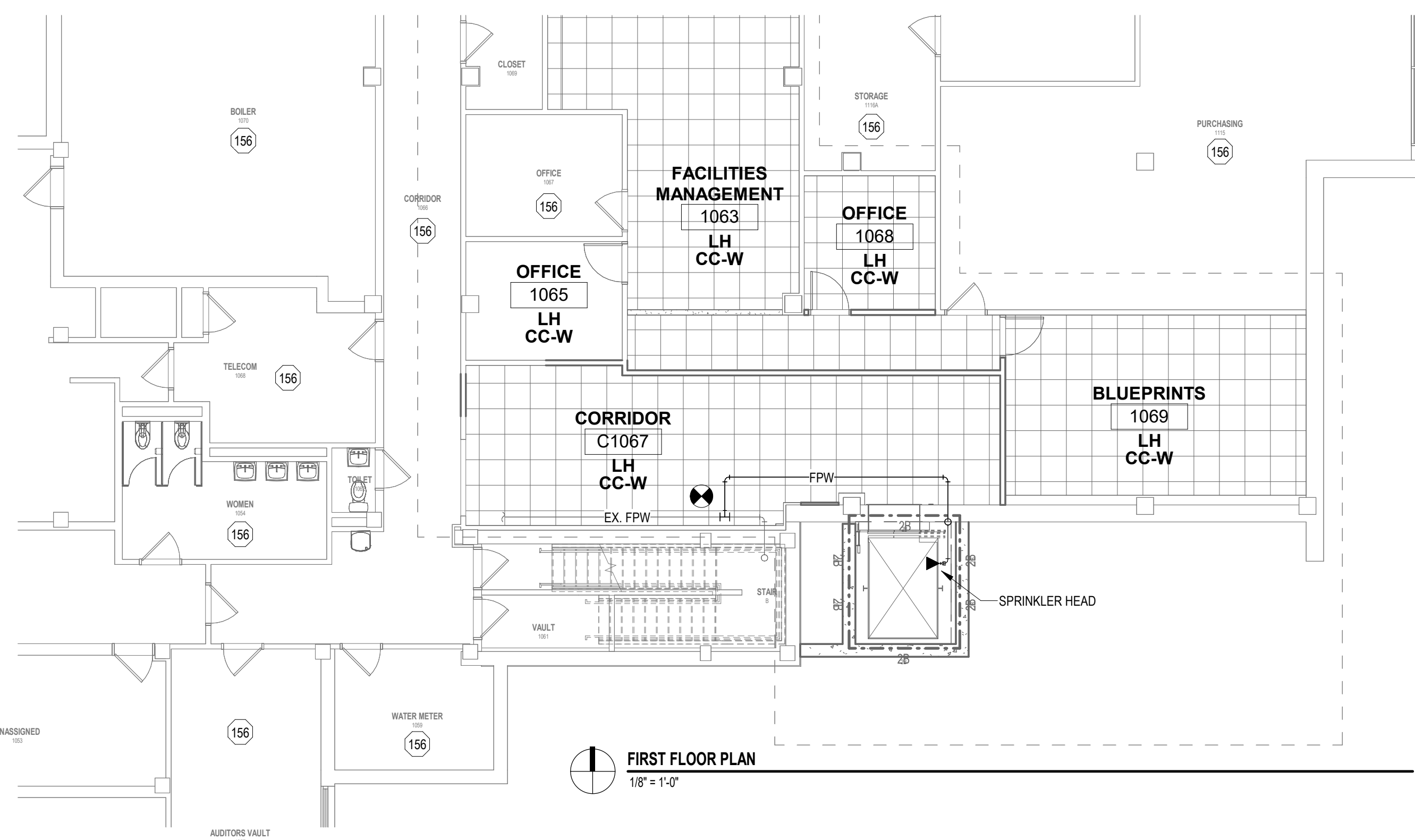
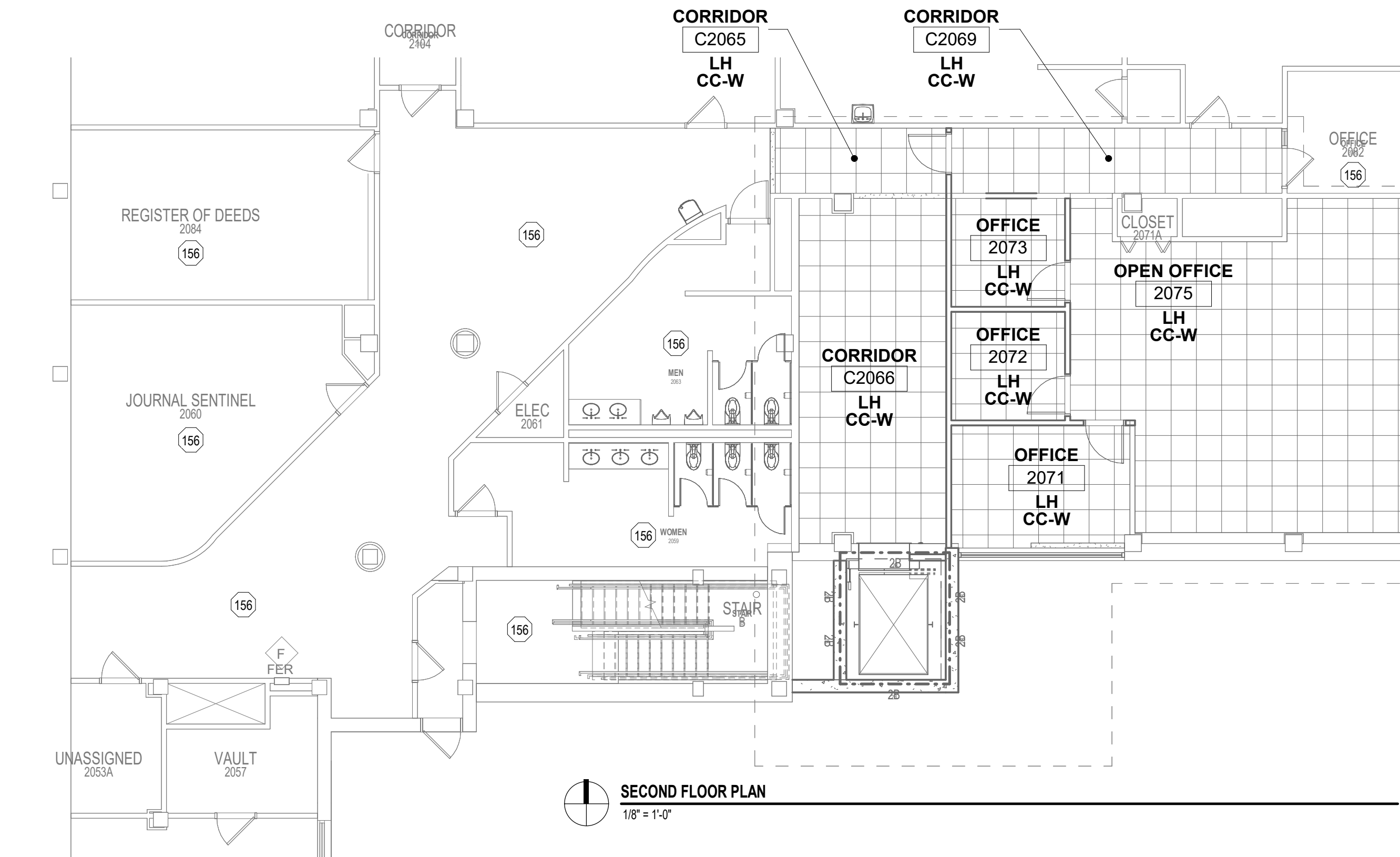
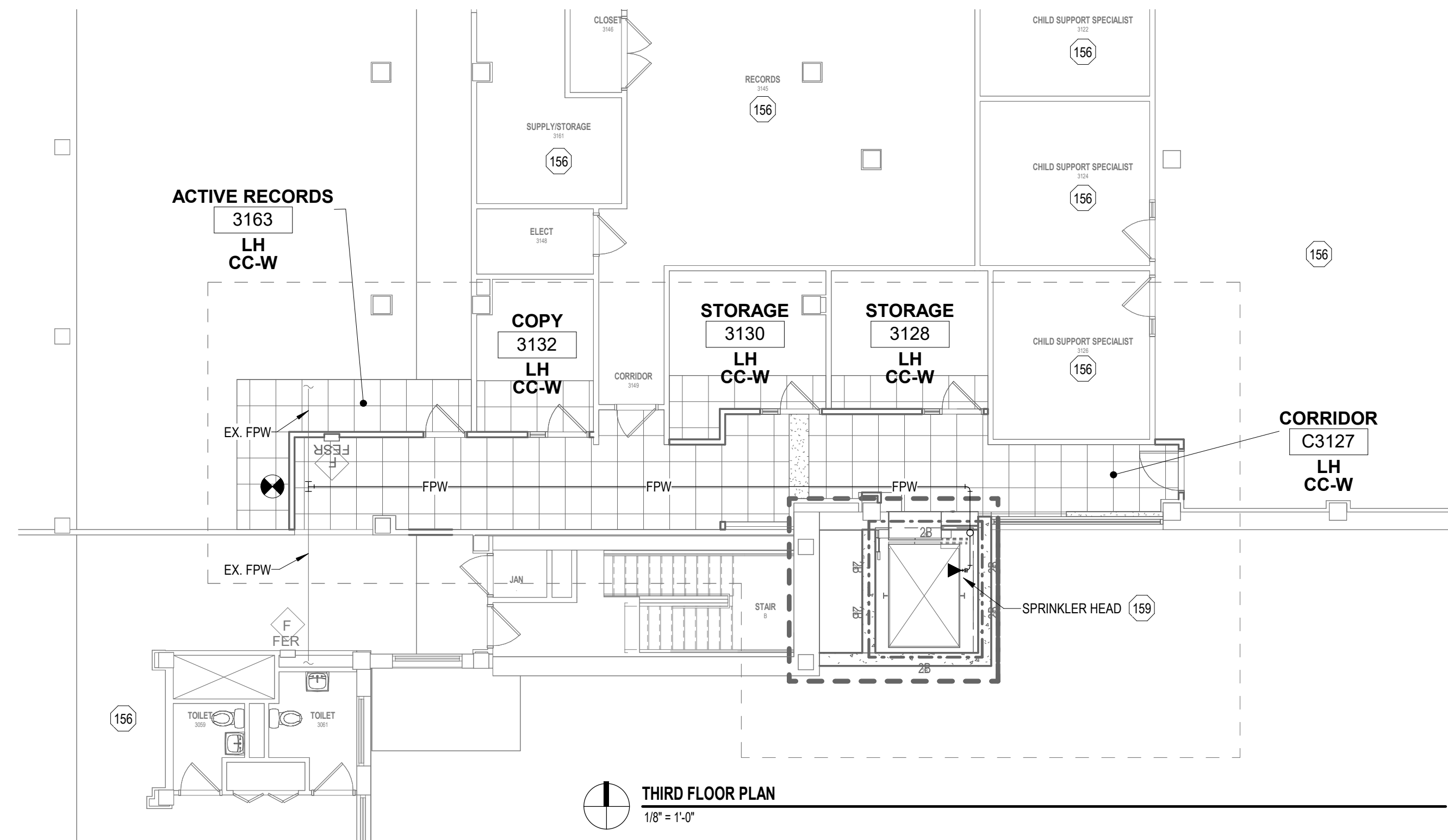
(2) SEE SPECIFICATIONS FOR MORE INFORMATION.

(3) COLOR MATCH SHALL BE APPROVED ON ARCHITECT PRIOR TO ORDERING.

(4) WHERE SPRINKLERS HEADS ARE LOCATED IN A PAINTED SOFFIT, WOOD SOFFIT, OR CEILING, THE FIRE PROTECTION CONTRACTOR SHALL OBTAIN A COLOR SAMPLE FROM THE ARCHITECT AND HAVE THE COVER PLATE FACTORY PAINTED TO MATCH ADJACENT SURFACE.

SHEET KEYNOTES

156	EXISTING BUILDING WITH AUTOMATIC FIRE SPRINKLER COVERAGE. NO SCOPE OF WORK IN THIS AREA.
159	ELEVATOR HOIST WAY - PROVIDE FIRE SPRINKLER COVERAGE AT TOP AND BOTTOM OF SHAFT AS REQUIRED PER IBC, EIBC AND NFPA STANDARDS.



KEY PLAN

200 South Main Street, Milwaukee, Wisconsin 53204 414.252.3500
 2310 Crossroads Drive, Suite 200, Madison, Wisconsin 53718 608.248.9900
 1977 Main Street, Suite 100, Janesville, Wisconsin 53405 608.755.9227
 1977 Main Street, Suite 100, Janesville, Wisconsin 53405 608.755.9227

ENGINEERING DESIGN BY
MSA pro
 PLUNKETT RAYSICH ARCHITECTS, LLP

WASHINGTON COUNTY
 HERBERT J. TENNIES GOVERNMENT CENTER ELEVATOR ADDITION
 (608) 382-4505 • www.msa-pro.com

REVISIONS:
 432 E. WASHINGTON STREET, WEST BEND, WI 53095

© 2023 PLUNKETT RAYSICH ARCHITECTS, LLP
 CONSTRUCTION SET
 DATE: 07/18/2023
 JOB NO: 230105-01
 SHEET NO:
 FLOOR PLANS

FP200

PLUMBING SYMBOLS AND ABBREVIATIONS

THIS IS A COMPREHENSIVE SYMBOL AND ABBREVIATION LIST - NOT ALL SYMBOLS ARE APPLICABLE TO THESE DRAWINGS.

PIPING SYSTEMS

	DOMESTIC COLD WATER - HARD
	DOMESTIC COLD WATER - SOFT
	DOMESTIC HOT WATER - SUPPLY 120
	DOMESTIC HOT WATER - SUPPLY 140
	DOMESTIC HOT WATER - RETURN 120
	DOMESTIC HOT WATER - RETURN 140
	NON-POTABLE COLD WATER
	NON-POTABLE HOT WATER - SUPPLY
	NON-POTABLE HOT WATER - RETURN
	DEIONIZED WATER
	REVERSE OSMOSIS WATER
	TEMPERED WATER - SUPPLY
	TEMPERED WATER - RETURN
	SANITARY WASTE
	SANITARY VENT
	GREASE WASTE
	ACID WASTE
	ACID VENT
	STORM DRAINAGE - PRIMARY
	OVERFLOW DRAINAGE - SECONDARY
	CLEAR WATER VENT
	DRAIN TILE
	PROCESS DRAIN / WASTE
	PUMPED DISCHARGE
	EQUIPMENT - EXHAUST
	EQUIPMENT - INTAKE
	COMPRESSED AIR
	NATURAL GAS
	MEDICAL - AIR
	MEDICAL - CARBON DIOXIDE
	MEDICAL - NITROGEN
	MEDICAL - NITROUS OXIDE
	MEDICAL - OXYGEN
	MEDICAL - VACUUM
	WELDING - ARGON/CARBON DIOXIDE
	WELDING - OXYGEN
	WELDING - VENT

ACCESSORIES

	BACKFLOW PREVENTER - DC
	BACKFLOW PREVENTER - DCDA
	BACKFLOW PREVENTER - PVB
	BACKFLOW PREVENTER - RP
	BACKFLOW PREVENTER - RPZ
	BALL VALVE
	BASKET STRAINER
	BUTTERFLY VALVE
	BALANCING VALVE
	BACKWATER VALVE
	CHECK VALVE
	COMPRESSED AIR OUTLET
	THERMOSTATIC MIXING VALVE - EYEWASH
	THERMOSTATIC RECIRC. VALVE
	TRAP PRIMER - FLOW
	TRAP PRIMER - PRESSURE
	DOMESTIC WATER METER
	GAS METER
	HYDRONIC THREE WAY VALVE - ELEC.
	HYDRONIC THREE WAY VALVE
	PRESSURE REGULATING VALVE
	SOLENOID VALVE
	STEAM TRAP
	SUCTION DIFFUSER
	TEMPERATURE GAUGE
	Y STRAINER
	THREE WAY VALVE
	WATER HAMMER ARRESTOR
	PRESSURE GAUGE
	WATER HAMMER ARRESTOR

FITTINGS

	COUPLING - DWV
	PLUG - DWV
	REDUCER - DWV
	BEND LONG SWEEP 90 - DWV
	BEND SHORT SWEEP 90 - DWV
	TEE SANITARY - DWV
	TEE DOUBLE SANITARY - DWV
	ELBOW VENT - DWV
	TEE VENT - DWV
	TEE DOUBLE VENT - DWV
	WYE 45 DEG - DWV
	WYE 45 DEG DOUBLE - DWV
	WYE COMBINATION - DWV
	TEE - WROUGHT COPPER
	ELBOW - WROUGHT COPPER
	TRANSITION - GENERIC
	COUPLING - CLASS 150
	CROSS - CLASS 150
	ELBOW - CLASS 150
	TEE - CLASS 150
	ELBOW LONG RADIUS - FLANGED

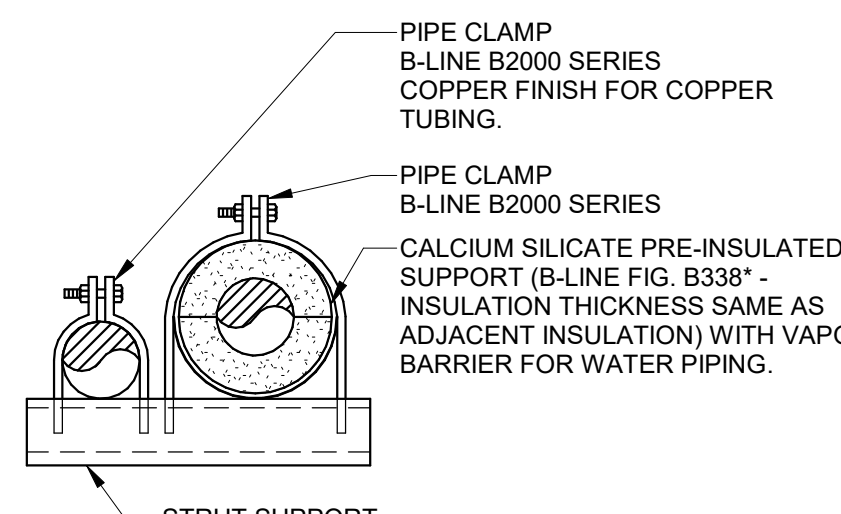
GENERAL

ANNOTATION SYMBOLS

	REFERS TO PLAN NOTE NUMBER
	FIXTURE AND EQUIPMENT TAG
	SPECIALTY EQUIPMENT REFERENCE TAG
	DETAIL NUMBER
	SHEET NO. WHERE DETAIL IS LOCATED
	VIEW REFERENCE TAG
	VIEW BREAKLINE TAG
	POINT WHERE NEW CONNECTS TO EXISTINGS
	REVISION NUMBER - SHOWN ON PLANS

ABBREVIATIONS

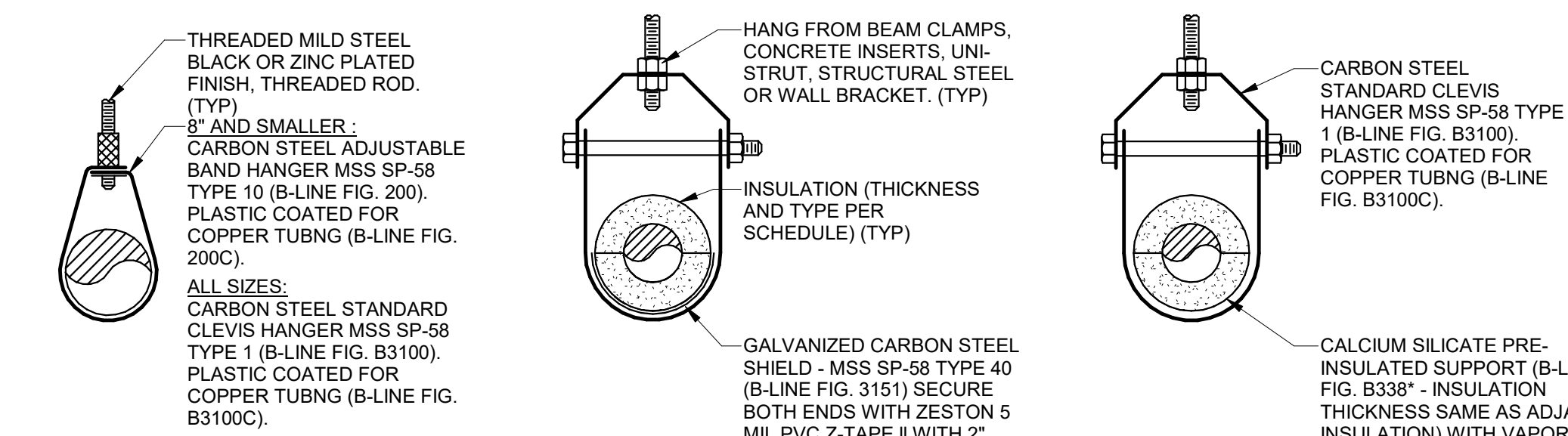
ABV	ABOVE
ADD	ADDENDUM
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
ALT	ALTERNATE
ARCH	ARCHITECT/ARCHITECTURAL
BAS	BUILDING AUTOMATION SYSTEM
BFF	BELOW FINISHED FLOOR
BJ	BETWEEN JOISTS
BLDG	BUILDING
BLW	BELOW
BTU	BRITISH THERMAL UNITS
BTUH	BRITISH THERMAL UNITS PER HOUR
BV	BALANCE VALVE
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CM	CONSTRUCTION MANAGER / GENERAL CONTRACTOR
CLG	CEILING
DEG	DEGREE(S)
DIA	DIAMETER
DN	DOWN
DP	DIFFERENTIAL PRESSURE
EC	ELECTRICAL CONTRACTOR
ELEC	ELECTRICAL
ELEV	ELEVATION
EQ	EQUIPMENT
ETR	EXISTING TO REMAIN
EX	EXISTING
F	DEGREES FAHRENHEIT
FBO	FURNISHED BY OTHERS
FFC	FINISHED FLOOR ELEVATION
FP	FIRE PROTECTION / SPRINKLER CONTRACTOR
FT	FOOT/FEET
GA	GAUGE
GAL	GALLON
GC	GENERAL CONTRACTOR / CONSTRUCTION MANAGER
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
HC	HVAC CONTRACTOR
HP	HORSE POWER
HVAC	HEATING, VENTILATION AND AIR CONDITIONING
ID	INSIDE DIAMETER
IE	INVERT ELEVATION
IN	INCH
INV	INVERT
LB	POUND
LF	LINEAR FOOT/FEET
MAX	MAXIMUM
MBH	ONE THOUSAND BTU PER HOUR
MC	MECHANICAL CONTRACTOR
MECH	MECHANICAL
MFR	MANUFACTURER
MIN	MINIMUM
MIN	MINUTE
MISC	MISCELLANEOUS
NC	NORMALLY CLOSED
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NTS	NOT TO SCALE
Ø	DIAMETER
OC	ON CENTER
OD	OUTSIDE DIAMETER
PC	PLUMBING CONTRACTOR
PLBG	PLUMBING
PRESS	PRESSURE
PSI	POUNDS PER SQUARE INCH
PSIG	POUNDS PER SQUARE INCH GAUGE
REC	RECESSED
RI	ROUGH IN
RM	ROOM
RPM	REVOLUTIONS PER MINUTE
SF	SQUARE FOOT
TEMP	TEMPERATURE
TYP	TYPICAL
UC	UNDERCOUNTER
UG	UNDERGROUND
VTR	VENT THROUGH ROOF
W	WITH
W/O	WITHOUT



PIPE SIZE	STEEL		COPPER		PVC (CPVC PEX)		CAST IRON	MIN. ROD
	WATER	GAS	WATER	GAS	WATER	GAS		
1/4"	7	8	3/8"	5	5	3/8"	4	3"
3/4"	7	8	3/8"	5	7	3/8"	4	3"
1"	7	8	3/8"	6	8	3/8"	4	3"
1 1/4"	7	8	3/8"	7	9	3/8"	4	3"
1 1/2"	7	8	3/8"	8	10	3/8"	4	3"
2"	10	12	3/8"	8	11	3/8"	4	3"
2 1/2"	11	12	3/8"	9	12	3/8"	4	3"
3"	12	12	3/8"	10	12	3/8"	4	3"
4"	12	12	3/8"	12	12	3/8"	4	3"
6"	12	12	1/2"	-	-	4	4	3"
8"	12	12	1/2"	-	-	4	4	3"
10"	12	12	5/8"	-	-	4	4	3"
12"	12	12	5/8"	-	-	4	4	3"
14"	12	12	3/4"	-	-	4	4	3"
16"	12	12	3/4"	-	-	4	4	3"

MAX VERT. LIT. 12 15 10 10 10 10 10 10 10

(1) SUPPORT AT MINIMUM EVERY FLOOR LEVEL OR SPACING LISTED.
(2) SPACING MAY BE INCREASED TO 10' FOR 10' PIPE LENGTHS.
MSS = MANUFACTURER'S STANDARDIZATION SOCIETY
- INSTALL ADDITIONAL HANGERS WITHIN 12" OF ELBOWS AND TEES AND AT CONCENTRATED LOADS, INCLUDING VALVES, FLANGES AND STRAINERS 2 1/2" AND LARGER.

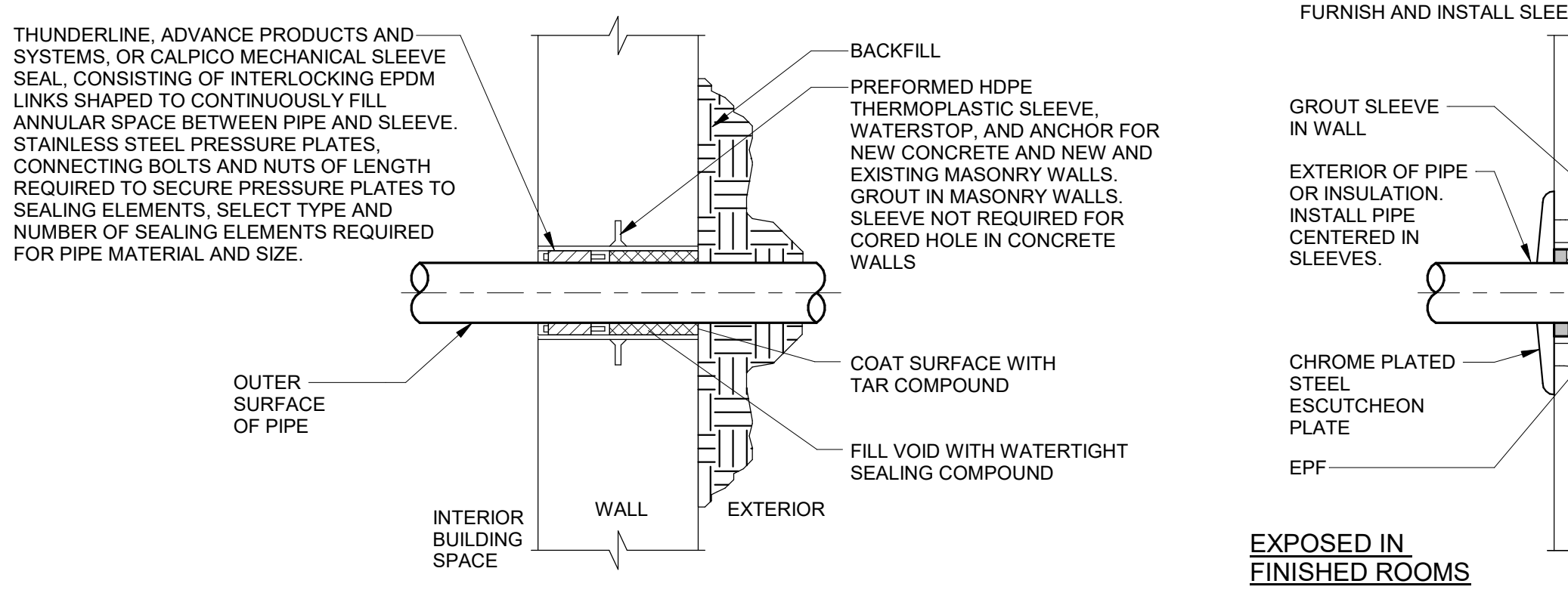


APPLICATIONS
- UNINSULATED PIPING

APPLICATIONS
- HOT AND COLD WATER PIPING

APPLICATIONS
- HOT AND COLD WATER PIPING

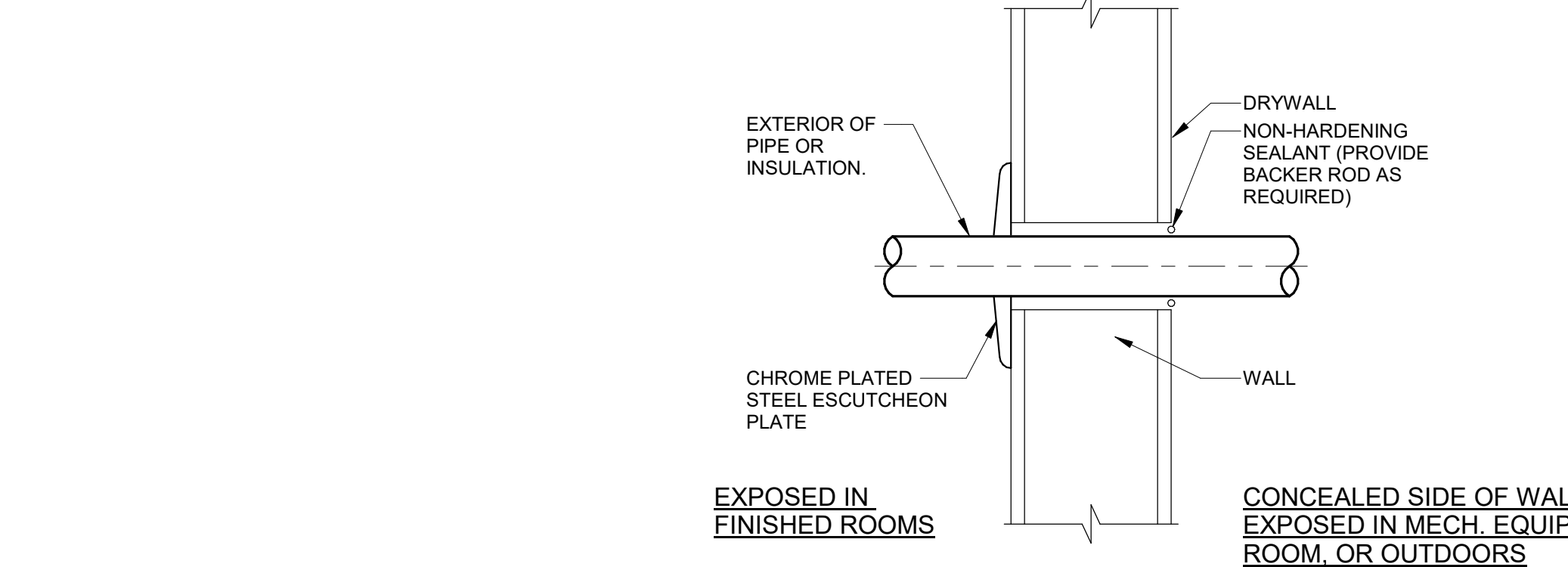
1 PIPE HANGER AND INSULATION DETAILS



APPLICATIONS
- PIPE PENETRATION THRU BELOW GRADE EXTERIOR WALL

APPLICATIONS
- PIPE PENETRATION THRU MASONRY OR CONCRETE WALL

2 PIPE PENETRATION DETAILS



APPLICATIONS
- PIPE PENETRATION THRU STUD WALL

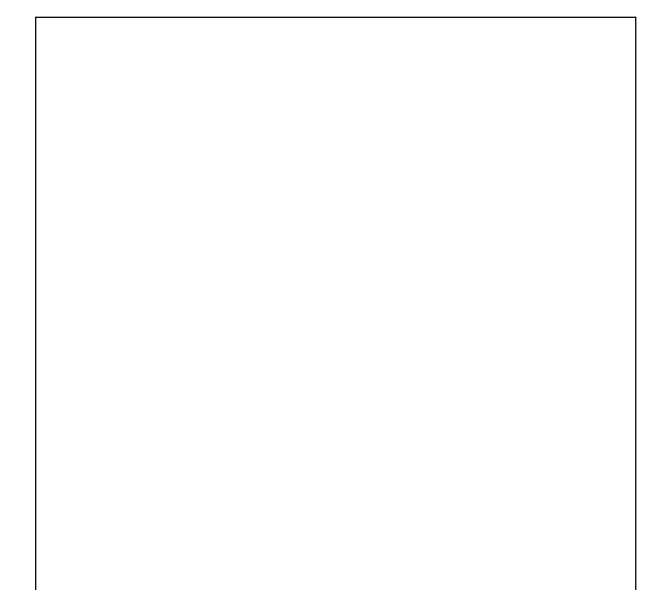
GENERAL DEMOLITION NOTES

- SEE PLUMBING SPECIFICATIONS FOR MORE INFORMATION.
- EXISTING PLUMBING SHOWN ON THESE DRAWING REFLECT A COMBINATION OF THE EXISTING CONTRACT DRAWINGS, AS-BUILT RECORD DRAWINGS, FIELD SURVEYS AND THE ENGINEER'S ESTIMATION OF PIPE ROUTES. ALL EXISTING PLUMBING LOCATIONS AND ELEVATIONS SHALL BE FIELD VERIFIED. NOTIFY THE ENGINEER FOR ANY REUSE OF EXISTING PIPING THAT IS IN GOOD CONDITION AND SIZE APPROPRIATELY.
- ALL PIPING AND FIXTURES SHOWN HEAVY DASHED ARE TO BE DEMOLISHED.
- ALL PIPING AND FIXTURES SHOWN LIGHTER ARE EXISTING TO REMAIN.
- COORDINATE DEMOLITION OF EXISTING PIPING TO BE REMOVED WITH GENERAL CONTRACTOR.
- FIELD VERIFY LOCATIONS OF EXISTING PIPE MAINS. REUSE ANY PIPING OF SUFFICIENT SIZE IN GOOD CONDITION. REROUTE AS REQUIRED PER FIELD CONDITIONS.
- WHERE EXISTING PIPING IS SHOWN TO BE REMOVED, CAP BRANCH PIPE IF NOT BEING USED FOR NEW CONSTRUCTION.

GENERAL INSTALLATION NOTES

- SEE PLUMBING SPECIFICATIONS FOR MORE INFORMATION.
- PLUMBING INSTALLATION SHALL BE INSTALLED PER WISCONSIN UNIFORM PLUMBING CODE AND PER LOCAL PLUMBING CODE FOR ITEMS NOT NOTED OR SHOWN ON THESE DRAWINGS.
- EXISTING PLUMBING SHOWN ON THESE DRAWING REFLECT A COMBINATION OF THE EXISTING CONTRACT DRAWINGS, AS-BUILT RECORD DRAWINGS, FIELD SURVEYS AND THE ENGINEER'S ESTIMATION OF PIPE ROUTES. ALL EXISTING PLUMBING LOCATIONS AND ELEVATIONS SHALL BE FIELD VERIFIED. REROUTE NEW PIPING AS REQUIRED PER FIELD CONDITIONS.
- FIELD VERIFY UNDERGROUND PIPING LOCATION, DEPTH AND SIZE AT POINT OF CONNECTION AND THAT NEW PIPE ROUTE IS CLEAR OF UTILITIES AND OTHER OBSTRUCTIONS PRIOR TO INSTALLATION OF ANY UNDERGROUND PIPING. COSTS INCURRED FOR FAILURE TO DO SO SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
- ALL PIPING IS TO BE CONCEALED. IF BUILDING CONSTRUCTION DOES NOT PERMIT CONCEALING PIPING, LOCATIONS AND ROUTING ARE TO BE APPROVED BY ARCHITECT/OWNER PRIOR TO INSTALLATION.
- ROUTE ALL PIPING IN COORDINATION WITH OTHER TRADES.
- FLOOR AND WALL CLEANOUT LOCATIONS NOT PERMITTED TO BE MOVED WITHOUT APPROVAL OF ARCHITECT/ENGINEER.
- SEE STRUCTURAL FOOTING, TRUSS AND JOIST ELEVATIONS AND DETAILS.
- SLOPE ALL CLEAR WATER PIPING 2" AND SMALLER AT 1/4" UNLESS NOTED OTHERWISE.

DESIGN PROFESSIONAL



PLUMBING SHEET INDEX	
P000	SYMBOLS & ABBREVIATIONS
P200	FLOOR PLANS

NAME: JUSTIN E. MONK, DES
 COMPANY: MSA
 EMAIL: JMONK@MSA-PS.COM
 PHONE: (920) 267-6088
 MSA PROJECT: 20426187

2000 North 10th Street, Milwaukee, Wisconsin 53214 414.552.9000
 2310 Crossroads Drive, Suite 200, Madison, Wisconsin 53718 608.249.9900
 1970 Madison Avenue, Madison, Wisconsin 53704 608.249.9900
 1970 Madison Avenue, Madison, Wisconsin 53704 608.249.9900

PLUNKETT RAYSICH ARCHITECTS, LLP

ENGINEERING DESIGN BY MSA pro

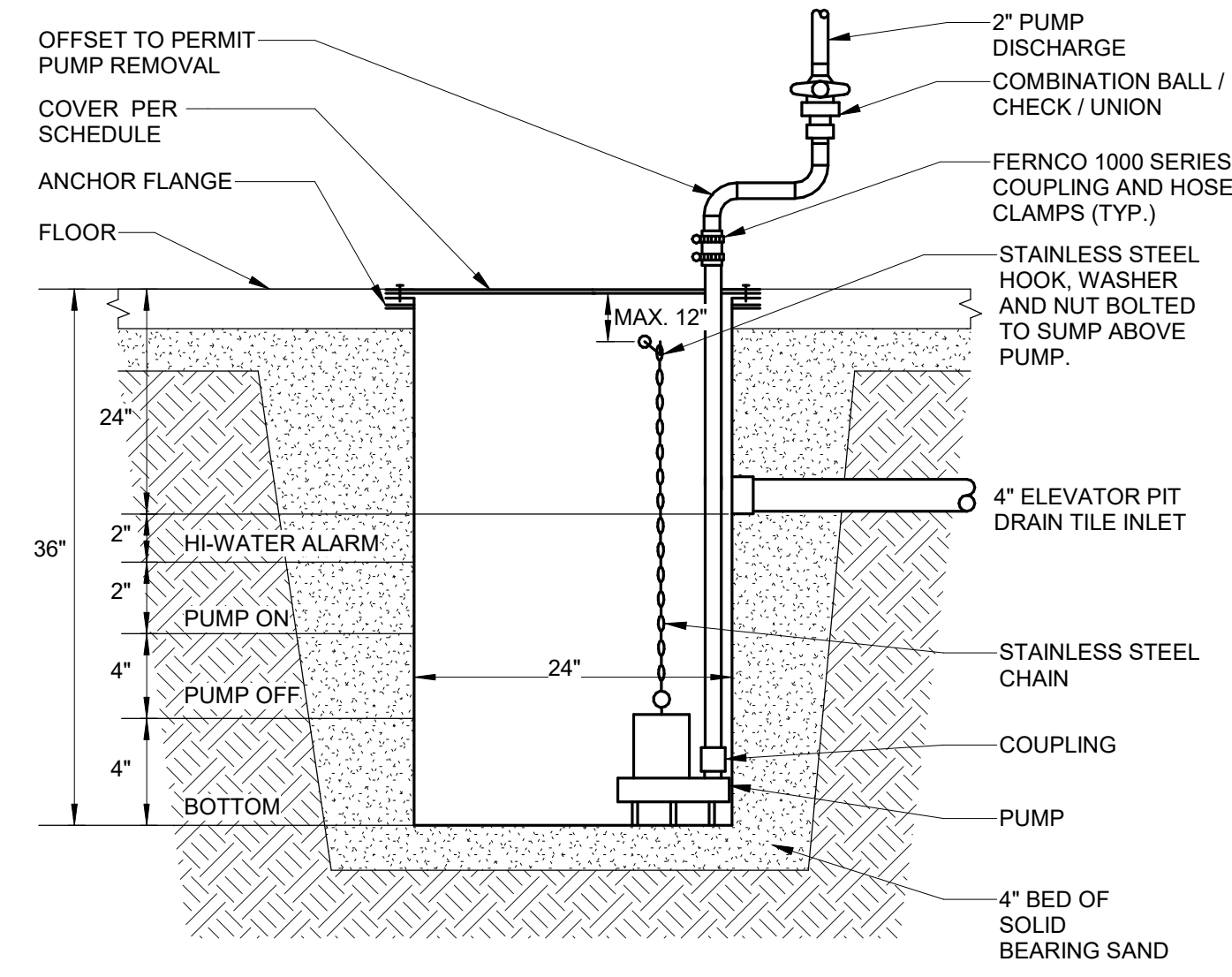
WASHINGTON COUNTY HERBERT J. TENNIES GOVERNMENT CENTER ELEVATOR ADDITION

432 E. WASHINGTON STREET, WEST BEND, WI 53095

REVISIONS:

SYMBOLS & ABBREVIATIONS

NOTE:
 PROVIDE 4" ANTI-FLOATION FLANGE AT BOTTOM OF THE BASIN.

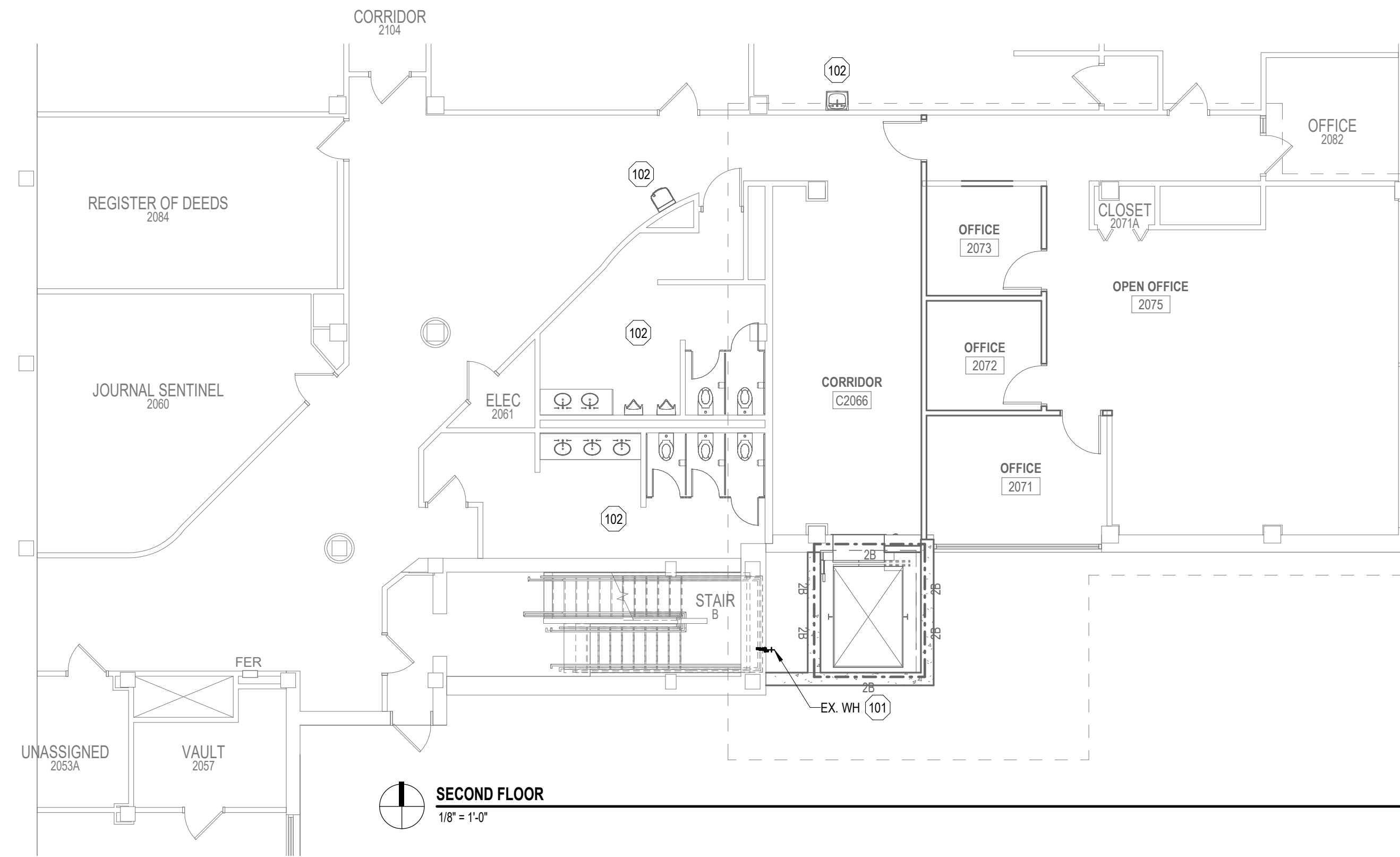


1 ELEVATOR PIT SUMP PUMP DETAIL

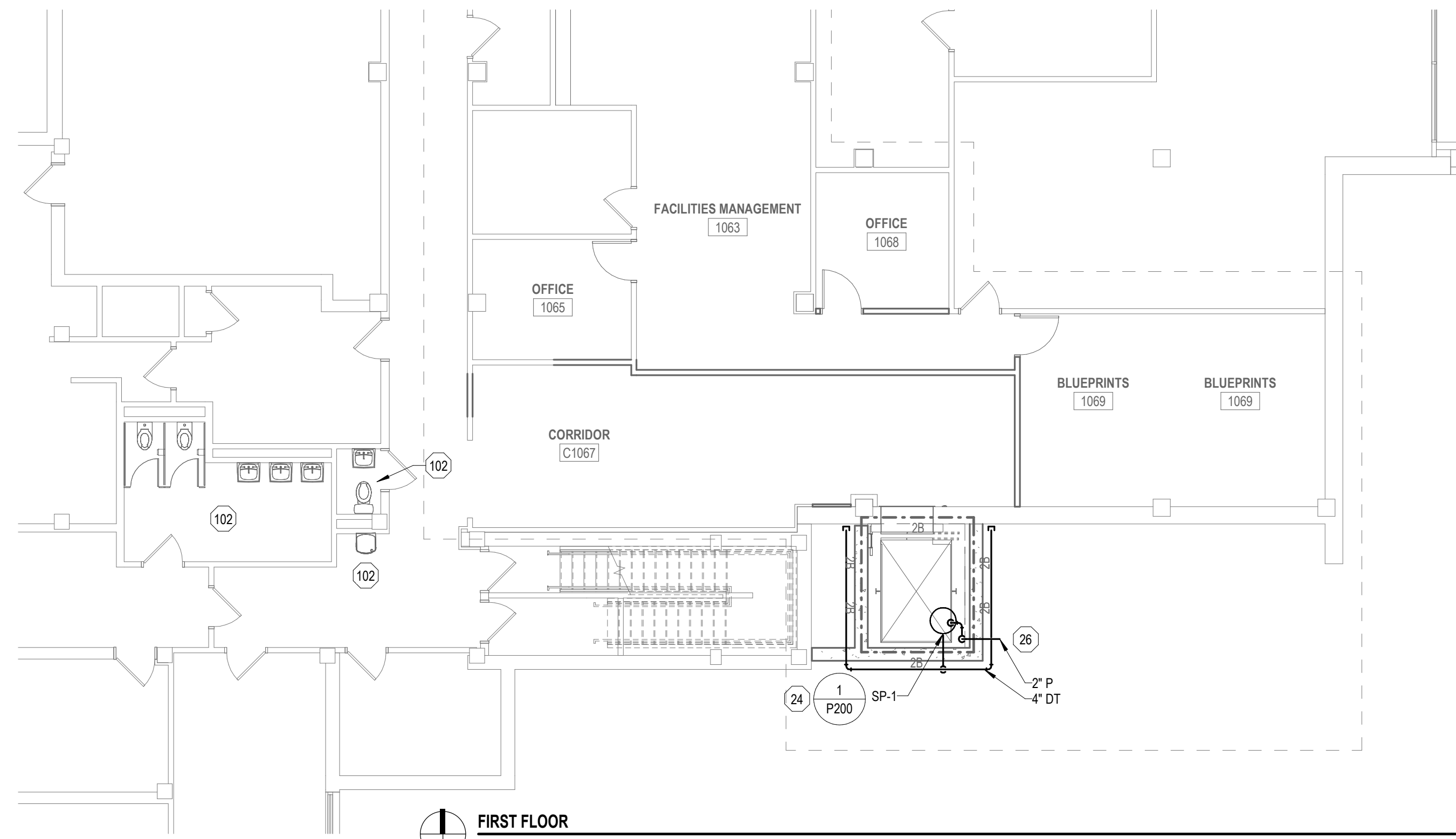
SUMP PUMP SCHEDULE (SP)

TAG	LOCATION	SUMP				PUMP											NOTES
		MANUFACTURER	MATERIAL TYPE	SIZE	COVER	MANUFACTURER	MODEL	MATERIAL TYPE	QTY.	GPM EACH	TOTAL HEAD	HP EACH	VOLTS	PHASE	AMPS FULL	AMPS LOCKED	
1	ELEVATOR	TOPP	FIBERGLASS	(1)	STEEL	LIBERTY	FL50	CAST IRON	1	50	25	1/2	115	1	12	48.6	(2/4)

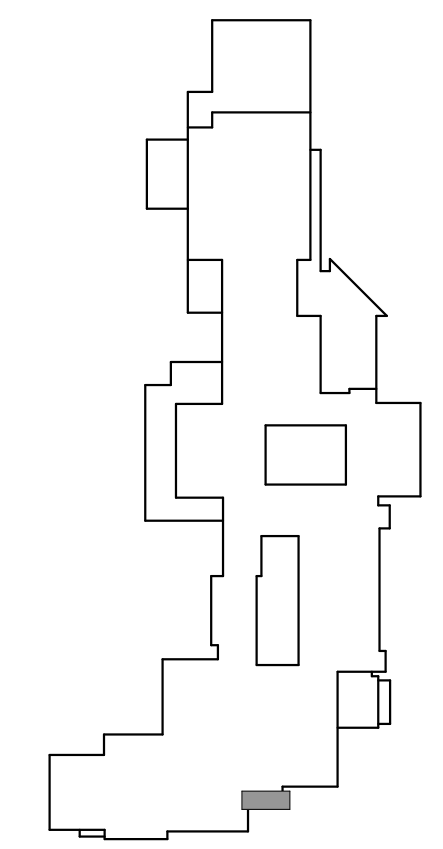
- ACCEPTABLE MANUFACTURERS:
- SUMP: TOPP INDUSTRIES, AK INDUSTRIES.
- PUMP: LIBERTY, ZOELLER, WEIL, LITTLE GIANT.
- PROVIDE "LIBERTY" BCV SERIES COMBINATION BALL/CHECK VALVE FOR PUMP DISCHARGE.
- (1) SEE DETAIL FOR BASIN SIZE AND CONTROL LEVEL DIMENSIONS.
- (2) PROVIDE SIMPLEX CONTROLLER, CONTROL FLOAT SWITCHES, ALARM LIGHT, HORN, INDIVIDUAL PUMP RUN INDICATOR LIGHTS, ALARM TEST AND SILENCE SWITCHES, HOA SWITCH, DRY AUX CONTACTS, NEMA 1 ENCLOSURE, AND DISCONNECT.
- (4) PROVIDE COVER WITH DRAIN HOLES, INSPECTION PLATE, DISCHARGE/VENT FLANGES AND CORD GROMMETS.



SECOND FLOOR
 1/8" = 1'-0"



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



KEY PLAN

SHEET KEYNOTES	
24	COORDINATE SUMP BASIN LOCATION WITH ELEVATOR SHOP DRAWINGS AND OTHER TRADES EQUIPMENT PRIOR TO INSTALLATION.
26	CONCRETE SPLASH PAD - PROVIDE CONCRETE SPLASH PAD AT GRADE UNDER DOWN SPOUT NOZZLE.
101	REMOVE AND DISPOSE OF EXISTING PLUMBING FIXTURE / EQUIPMENT. PLUG / CAP EXISTING PIPING BELOW / BEHIND / ABOVE SURFACE OF NEW FINISHED FLOOR / WALL / CEILING. THE EXISTING PIPING SHALL BE CAP BACK TO ITS ACTIVE MAIN OR BRANCH PIPING.
102	EXISTING PLUMBING FIXTURE / EQUIPMENT / PIPING IN THIS AREA SHALL REMAIN. PROTECT FROM DAMAGE DURING CONSTRUCTION. ENSURE PROPER OPERATION OF FIXTURE / EQUIPMENT BEFORE COMPLETION OF PROJECT.

2310 crossroads drive, suite 200, madison, wisconsin 53718 1 608 248 9900
 1970 main street, 311 templeton square, tola, missouri 63103 1 513 648 9227

PLUNKETT RAYSICH ARCHITECTS, LLP

ENGINEERING DESIGN BY MSA pro

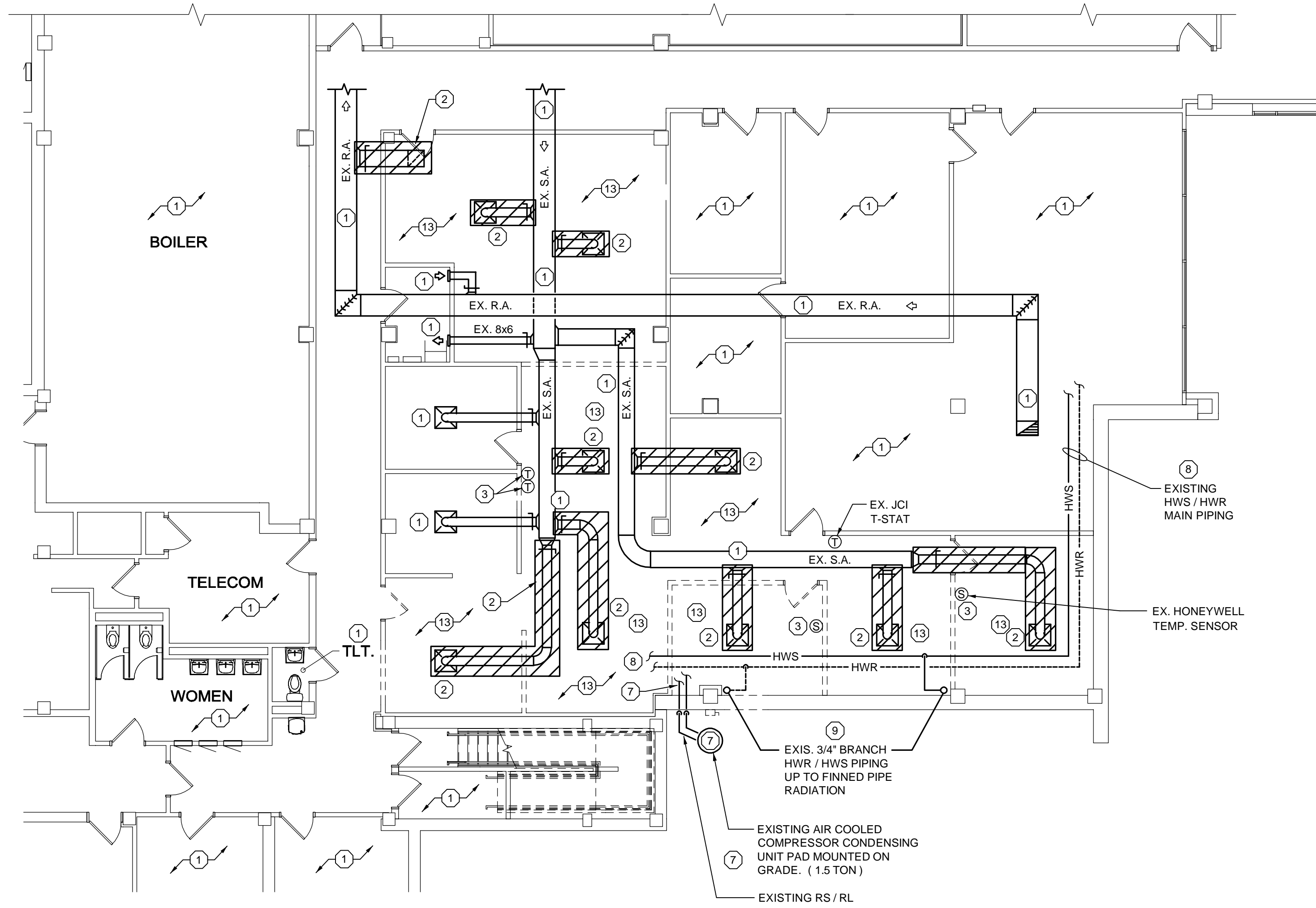
(800) 362-4505 • www.msa-pro.com

WASHINGTON COUNTY HERBERT J. TENNIES GOVERNMENT CENTER ELEVATOR ADDITION

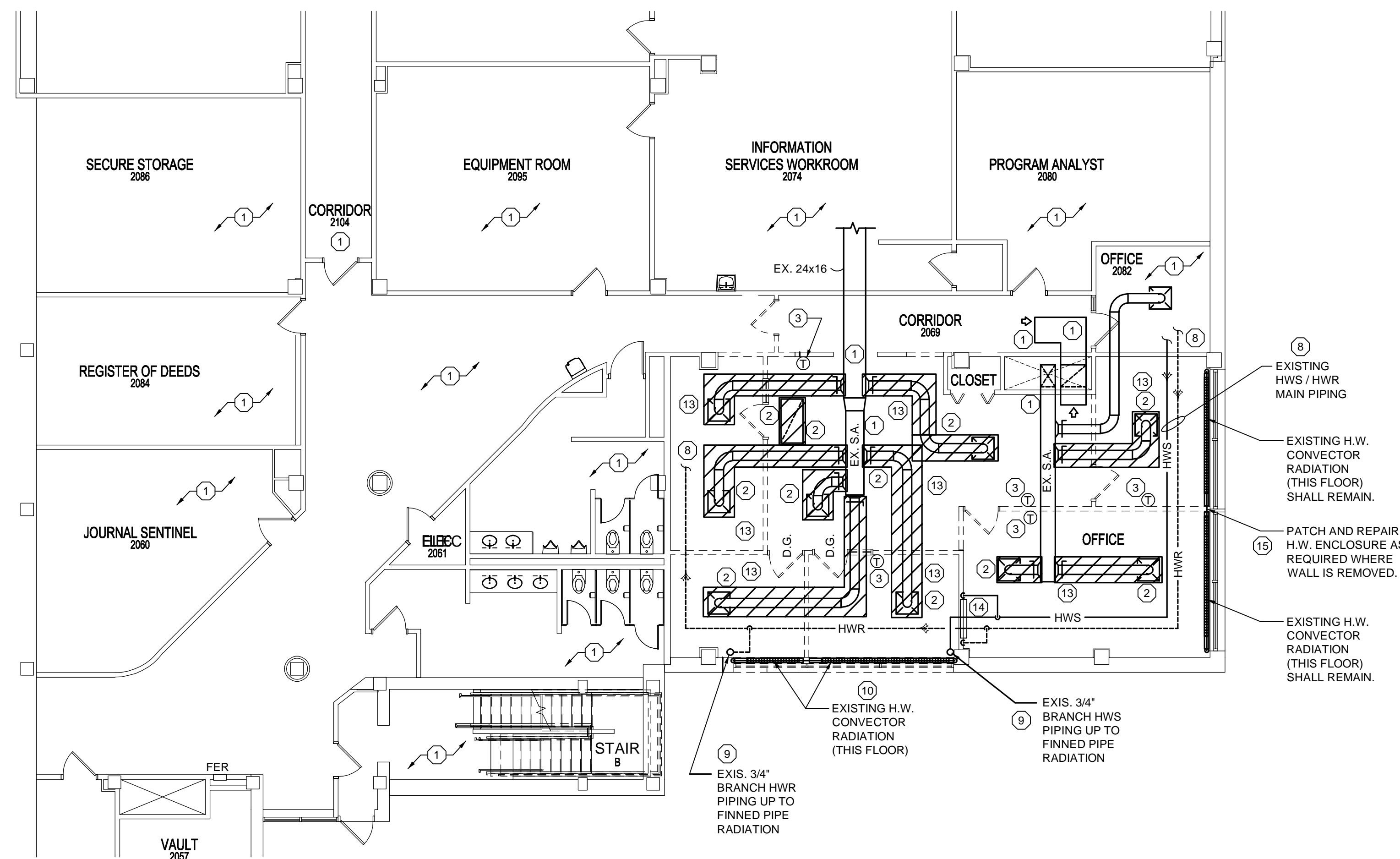
REVISIONS:

© 2023 PLUNKETT RAYSICH ARCHITECTS, LLP
 CONSTRUCTION SET
 DATE: 07/18/2023
 JOB NO: 230105-01
 SHEET NO:
 FLOOR PLANS

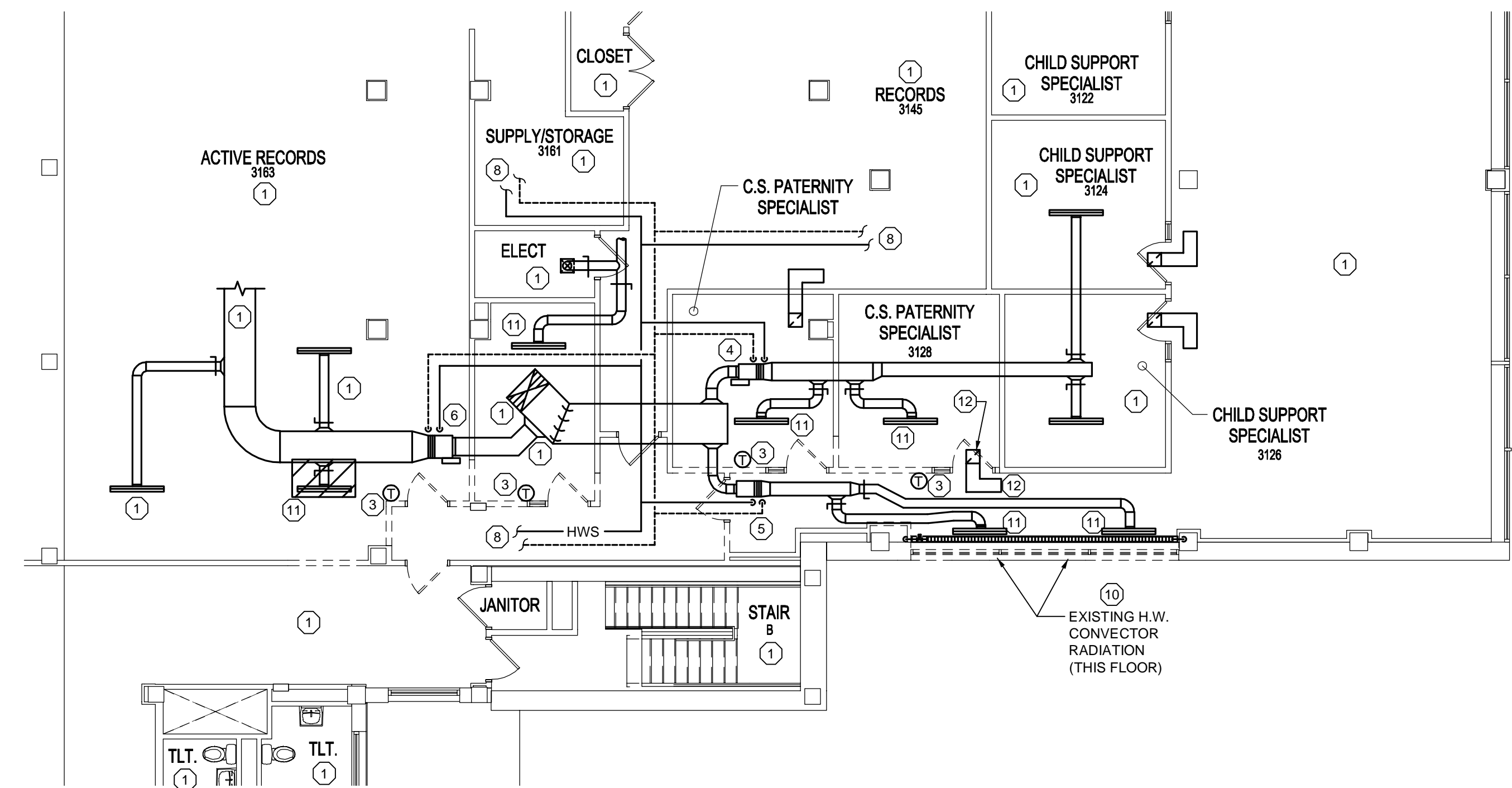
P200



NORTH
MECHANICAL - PARTIAL FIRST FLOOR DEMOLITION PLAN
1/8" = 1'-0"



NORTH
MECHANICAL - PARTIAL SECOND FLOOR DEMOLITION PLAN
1/8" = 1'-0"



NORTH
MECHANICAL - PARTIAL THIRD FLOOR DEMOLITION PLAN
1/8" = 1'-0"

MECHANICAL - PLAN NOTES: (X)

1. EXISTING TO REMAIN.
2. SITE CLEAR EXISTING AS INDICATED.
3. REMOVE AND RELOCATE EXISTING WALL MOUNTED THERMOSTAT OR TEMPERATURE SENSOR. SEE SHEET M200 FOR PROPOSED LOCATION.
4. EXISTING V-19, 10" Rd. INLET, MAX. AIRFLOW = 840 CFM, 2.0 GPM
5. EXISTING V-20, 8" Rd. INLET, MAX. AIRFLOW = 600 CFM, 2.4 GPM
6. EXISTING V-21, 19" Rd. INLET, MAX. AIRFLOW = 3,500 CFM, 6.5 GPM REMOVE AND RELOCATE EXISTING VAV BOX, DUCT, PIPING, CONTROLS, SUPPORTS, ETC. AS REQUIRED FOR PROPOSED FULL HEIGHT WALL CONSTRUCTION PROVIDED BY OTHERS. SEE SHEET M200.
7. HEATING CONTRACTOR SHALL SITE CLEAR EXISTING DUCTLESS SPLIT SYSTEM COMPLETE. RECLAIM ALL REFRIGERANT (R-22) TO CYLINDER. REMOVAL SHALL INCLUDE INDOOR EVAPORATOR, OUTDOOR CONDENSING UNIT, REFRIGERATION LINE-SET, POWER WIRING, CONTROL WIRING, WALL MOUNTED THERMOSTAT, EQUIPMENT SUPPORTS, ETC.
8. EXISTING HWS / HWR MAIN PIPING SHALL BE EXISTING TO REMAIN.
9. MODIFY EXISTING BRANCH HWS / HWR PIPING AS REQUIRED FOR REVISED FINNED TUBE RADIATION ON FLOOR ABOVE.
10. REMOVE AND SALVAGE EXISTING HOT WATER RADIATION AND CONTROLS. RELOCATE AS INDICATED ON SHEET M200. MODIFY EXISTING ENCLOSURE AND ELEMENT AS REQUIRED. PROVIDE NEW ENCLOSURE END CAP WHEN REQUIRED.
11. REMOVE AND RELOCATE EXISTING SLOT DIFFUSER INTO NEW OR MODIFIED CEILING PROVIDED BY OTHERS. PROVIDE NEW INSULATED BRANCH S.A. DUCT WHEN REQUIRED.
12. REMOVE AND RELOCATE EXISTING AIR TRANSFER GRILLE AND OPEN END PLENUM AIR DUCT INTO NEW OR MODIFIED CEILING PROVIDED BY OTHERS.
13. HEATING CONTRACTOR SHALL SITE CLEAR ALL EXISTING GRILLES, REGISTERS, DIFFUSERS, BRANCH DUCTS, SMOKEEATERS AND SUPPORTS THAT WERE ABANDON IN PLACE FROM PREVIOUS PROJECTS. (TYP. ALL)
14. EXISTING HOT WATER CONVECTOR SHALL REMAIN. REMOVE AND RELOCATE EXISTING WALL MOUNTED THERMOSTAT AS REQUIRED.
15. FURNISH AND INSTALL 3/4" BRANCH HWS/HWR PIPING, INSULATION AND ENCLOSURE MODIFICATIONS AT EXISTING RADIATION THAT SHALL REMAIN.

200 South Main Street, Milwaukee, Wisconsin 53204
141.252.3500
2010 Crossroads Drive, Suite 2000, Madison, Wisconsin 53718
1.609.249.9900
1970 Industrial Drive, 311 International Blvd., Meas 28810
1.571.646.8807

ENGINEERING DESIGN BY
MSA pro
PLUNKETT RAYSICH ARCHITECTS, LLP

WASHINGTON COUNTY
HERBERT J. TENNIES GOVERNMENT CENTER ELEVATOR ADDITION
432 E. WASHINGTON STREET, WEST BEND, WI 53095

REVISIONS:

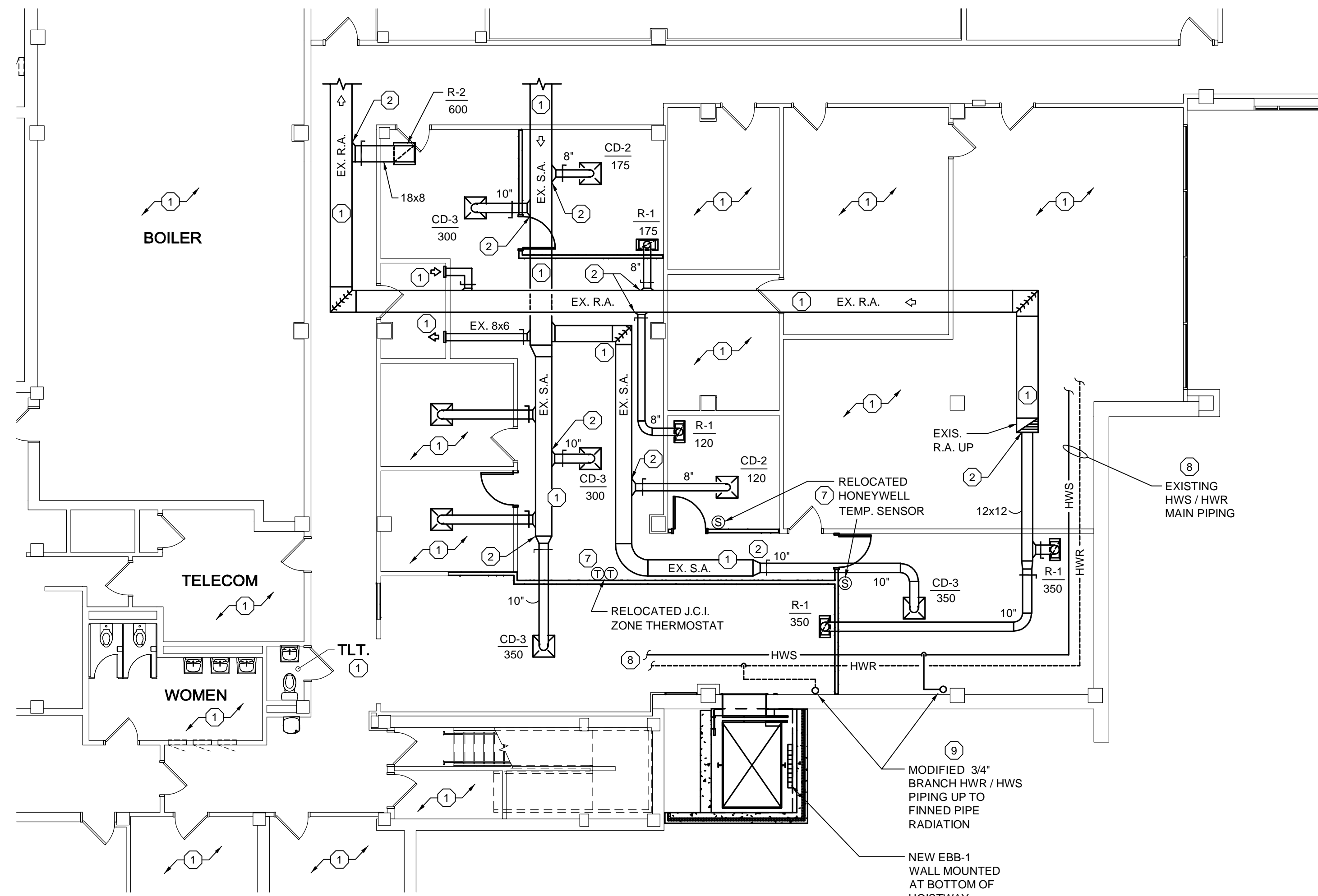
MECHANICAL - DEMOLITION PLANS

CONSTRUCTION SET
DATE: 07/18/2023
JOB NO: 230105-01
SHEET NO:

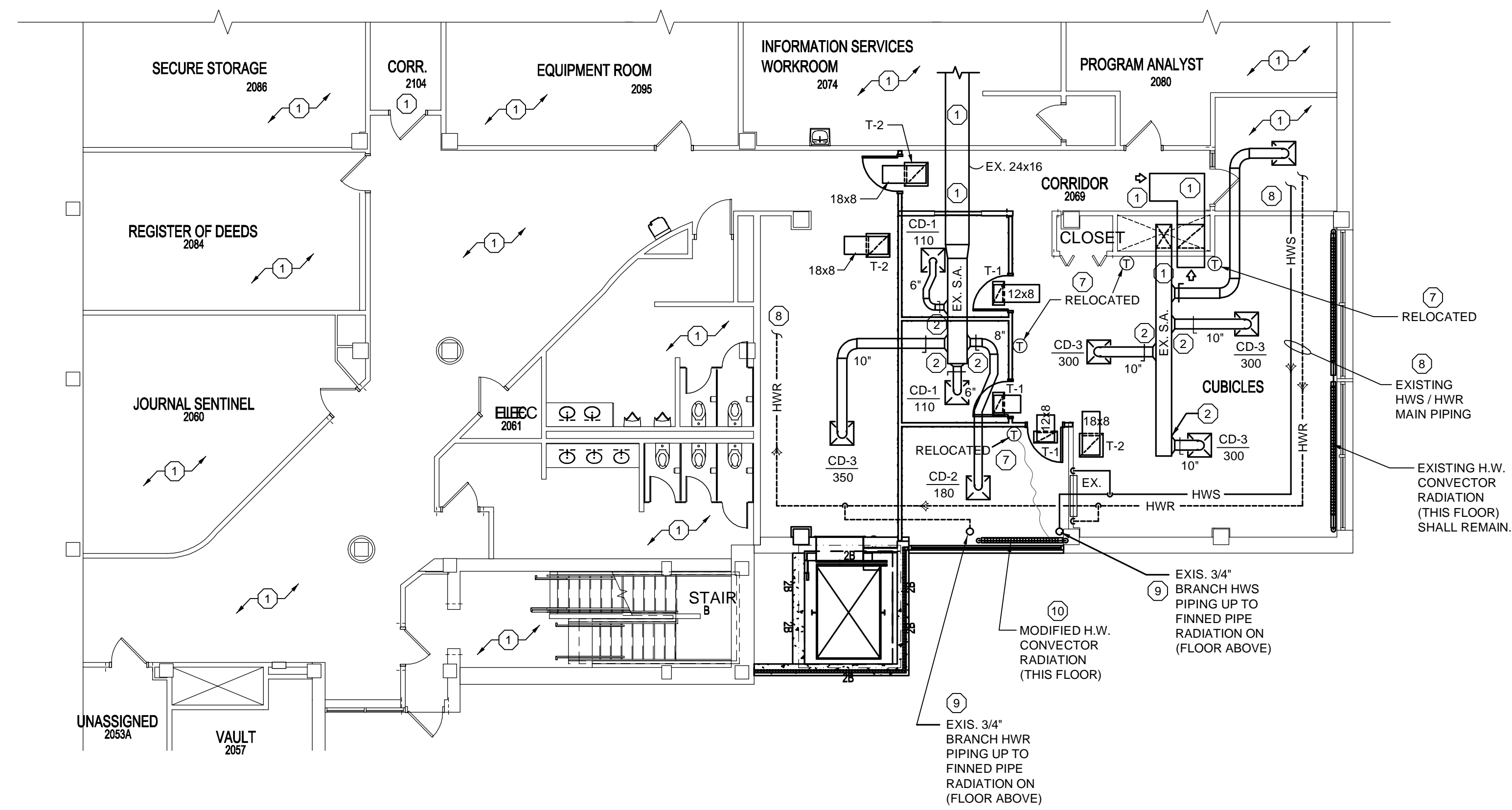
M100

DRAWN BY: K.A.S 7/13/2023 9:11 AM

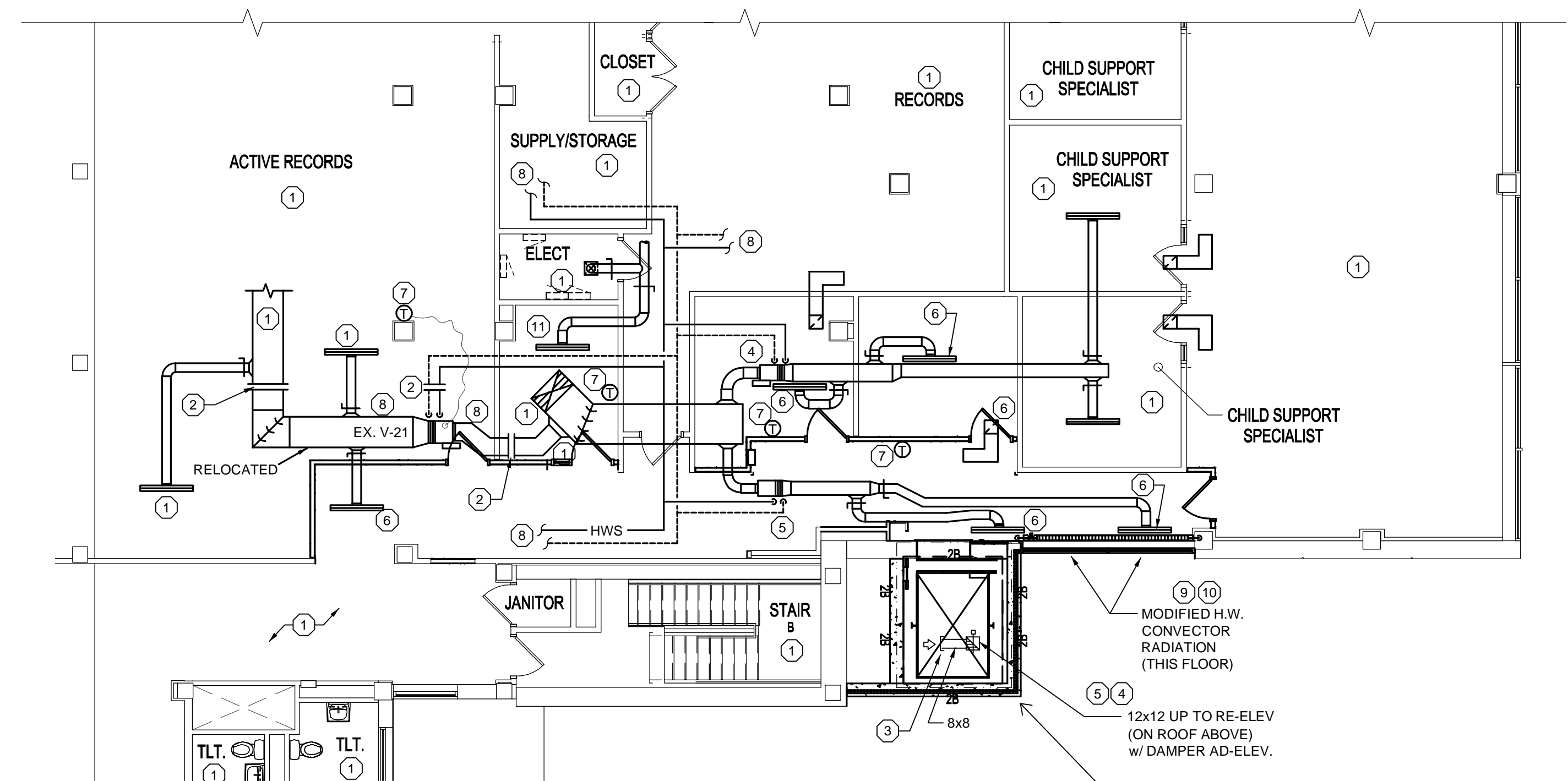
© 2023 PLUNKETT RAYSICH ARCHITECTS, LLP



NORTH
MECHANICAL - PARTIAL FIRST FLOOR PLAN
1/8" = 1'-0"



NORTH
MECHANICAL - PARTIAL SECOND FLOOR PLAN
1/8" = 1'-0"



NORTH
MECHANICAL - PARTIAL THIRD FLOOR PLAN
1/8" = 1'-0"

MECHANICAL - PLAN NOTES: (X)

- EXISTING TO REMAIN.
- POINT OF CONNECTION. TRANSITION AND CONNECT NEW TO EXISTING.
- OPEN END DUCT. ATTACH 1/2" x 1/2" WIRE MESH AND BORDER FRAME ACROSS OPENING. SEE DETAIL ON SHEET M001.
- 12 x 12 EXHAUST DUCT UP TO RE-ELEV. LOCATED ON ROOF ABOVE FOR ELEVATOR HOISTWAY HEAT AND HUMIDITY REJECTION.
- BAS / DDC TEMPERATURE CONTROLS CONTRACTOR SHALL PROVIDE MANUAL ON / OFF AND AUTOMATIC FAN CONTROL THROUGH BAS / DDC INTERFACE. FAN OPERATION SHALL BE CONTINUOUS (24/7/365).
- RELOCATED GRILLE OR DIFFUSER. MODIFY AND EXTEND BRANCH DUCTWORK WHEN REQUIRED. INSTALL IN NEW OR MODIFIED CEILING PROVIDED BY OTHERS.
- RELOCATED THERMOSTAT OR TEMPERATURE SENSOR. WALL MOUNT AT 48" A.F.F.. PROVIDE NEW LOW VOLTAGE WIRING WHEN REQUIRED.
- REMOVE AND RELOCATE EXISTING TERMINAL UNIT (VAV BOX V-21) AS REQUIRED FOR NEW FULL HEIGHT WALL CONSTRUCTION PROVIDED BY OTHERS.
- REMOVE PORTION OF EXISTING H.W. RADIATION AS REQUIRED FOR ELEVATOR INSTALL BY OTHERS. MODIFY EXISTING ENCLOSURE AND ELEMENT AS REQUIRED. PROVIDE NEW ENCLOSURE END CAP WHEN REQUIRED.
- FURNISH AND INSTALL REVISED BRANCH PIPING HWS / HWR CONNECTED TO LOOP PIPING IN CEILING CAVITY ON FLOOR BELOW.

200 South Water Street, Milwaukee, Wisconsin 53204
1412 552 3900
2310 Crossroads Drive, Suite 2000, Madison, Wisconsin 53718
1609 249 9900
1970 Madison Avenue, Suite 200, West Bend, Wisconsin 53090
1571 646 8800

ENGINEERING DESIGN BY
MSA pro
PLUNKETT RAYSICH ARCHITECTS, LLP
(800) 362-4505 • www.msa-pro.com

WASHINGTON COUNTY
HERBERT J. TENNIES GOVERNMENT CENTER ELEVATOR ADDITION
432 E. WASHINGTON STREET, WEST BEND, WI 53095

MECHANICAL - FLOOR PLANS
CONSTRUCTION SET
DATE: 07/18/2023
JOB NO: 230105-01
SHEET NO: M200

DRAWN BY: K.A.S 7/13/2023 9:11 AM



4
E101 EXISTING PANEL "EMG-1"
SCALE: NTS



3
E101 EXISTING FACP
SCALE: NTS



5
E101 EXISTING PANEL "EM-Q"
SCALE: NTS



2
E101 EXISTING PANEL "EM-EQ"
SCALE: NTS

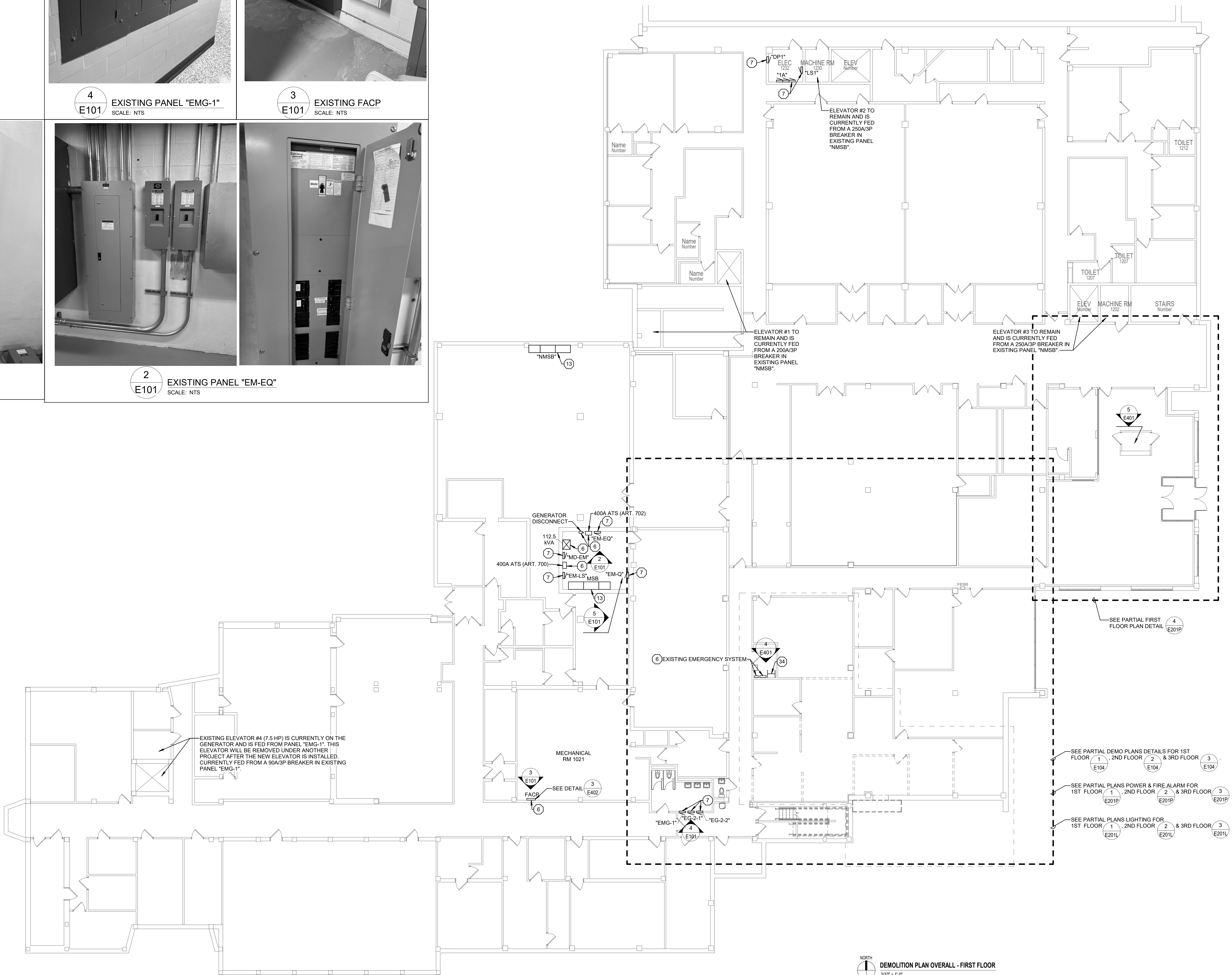


GENERAL NOTES

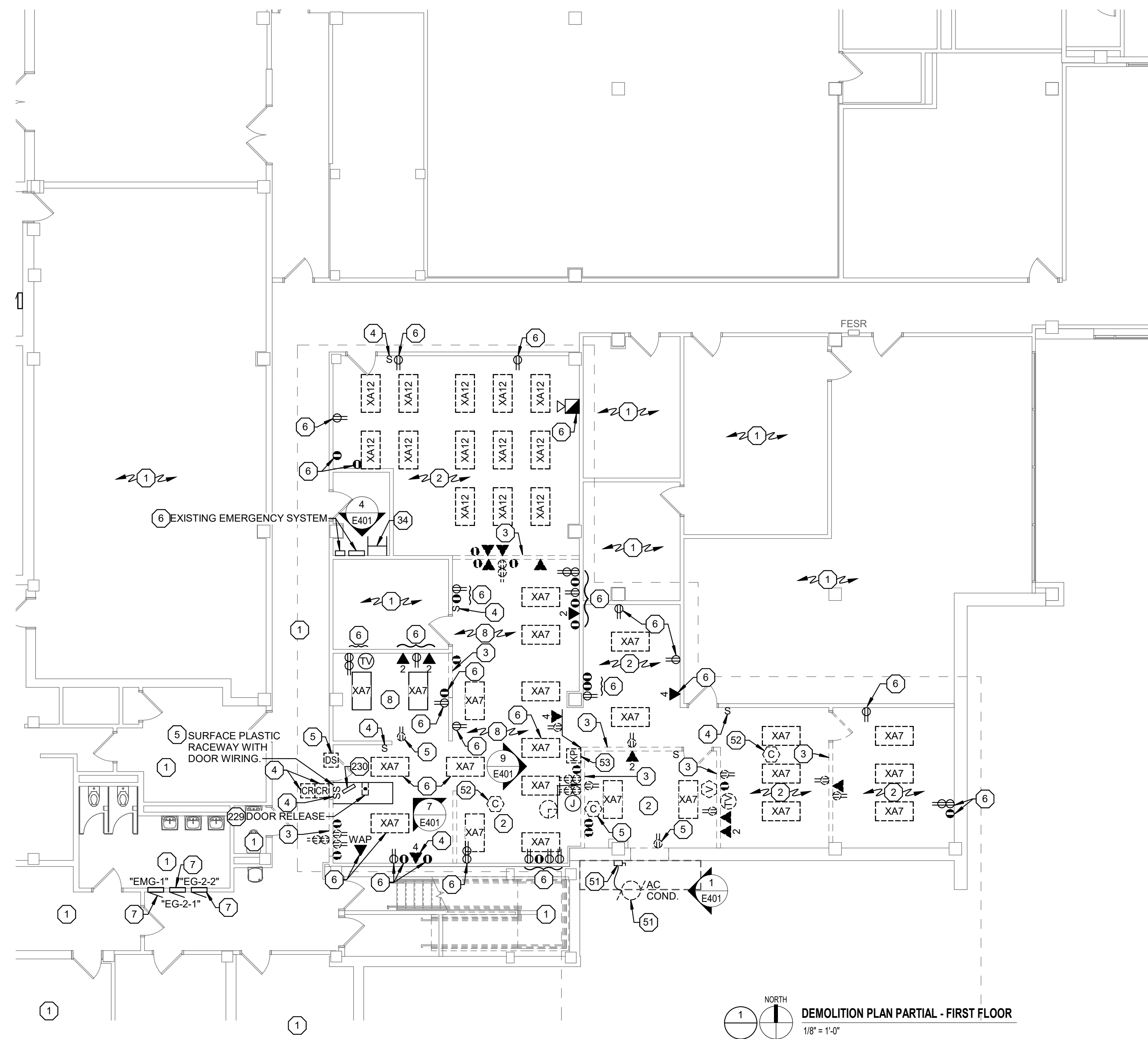
1. ALL DEVICES AND EQUIPMENT SHOWN ARE TO BE REMOVED UNLESS SPECIFICALLY NOTED OTHERWISE. SEE PLAN NOTES FOR SPECIFIC WORK REQUIRED.
2. REMOVE ALL DEVICES AND ASSOCIATED WIRING AND CONDUIT BACK TO PANEL OR HEAD END ON EXISTING WALLS AND CEILING SCHEDULED TO BE REMOVED. RE-FEED ANY DEVICES ON SAME CIRCUIT SCHEDULED TO REMAIN.
3. PROVIDE A BLANK STAINLESS STEEL COVER PLATE ON ALL UNUSED OPENINGS, IN WALLS SCHEDULED TO REMAIN. IF OPENING WILL NOT ACCEPT BLANK PLATE, PATCH WALL TO MATCH EXISTING.
4. DEVICES AND EQUIPMENT SHOWN ON DRAWINGS ARE NOT ALL INCLUSIVE. EVALUATE EXISTING CONDITIONS AND REMOVE ALL ELECTRICAL EQUIPMENT AND DEVICES AS NEEDED TO ACCOMMODATE DEMOLITION OF EXISTING AREAS.
5. VISIT THE PREMISES AND TAKE NOTE OF ALL EXISTING CONDITIONS WHICH MAY AFFECT WORK AND BE RESPONSIBLE FOR KNOWLEDGE OF SAME IN PREPARATION OF BID. LACK OF INFORMATION ON EXISTING CONDITIONS WILL NOT BE ALLOWED AS A VALID CAUSE FOR ADDITIONAL COMPENSATION.
6. TURN OVER ALL REMOVED LIGHT FIXTURES AND EXIT LIGHTS TO OWNER. IF OWNER DOES NOT WANT THEN DISPOSE OF THE LIGHT FIXTURES AND EXIT LIGHTS.
7. EXISTING CONDUITS LOCATED ABOVE CEILING ARE NOT ADEQUATELY SUPPORTED PER NEC REQUIREMENTS. IN AREAS OF WHERE EC IS WORKING, NEW AND EXISTING CONDUITS SHALL BE SUPPORTED PER LATEST NEC CODE.

PLAN NOTES

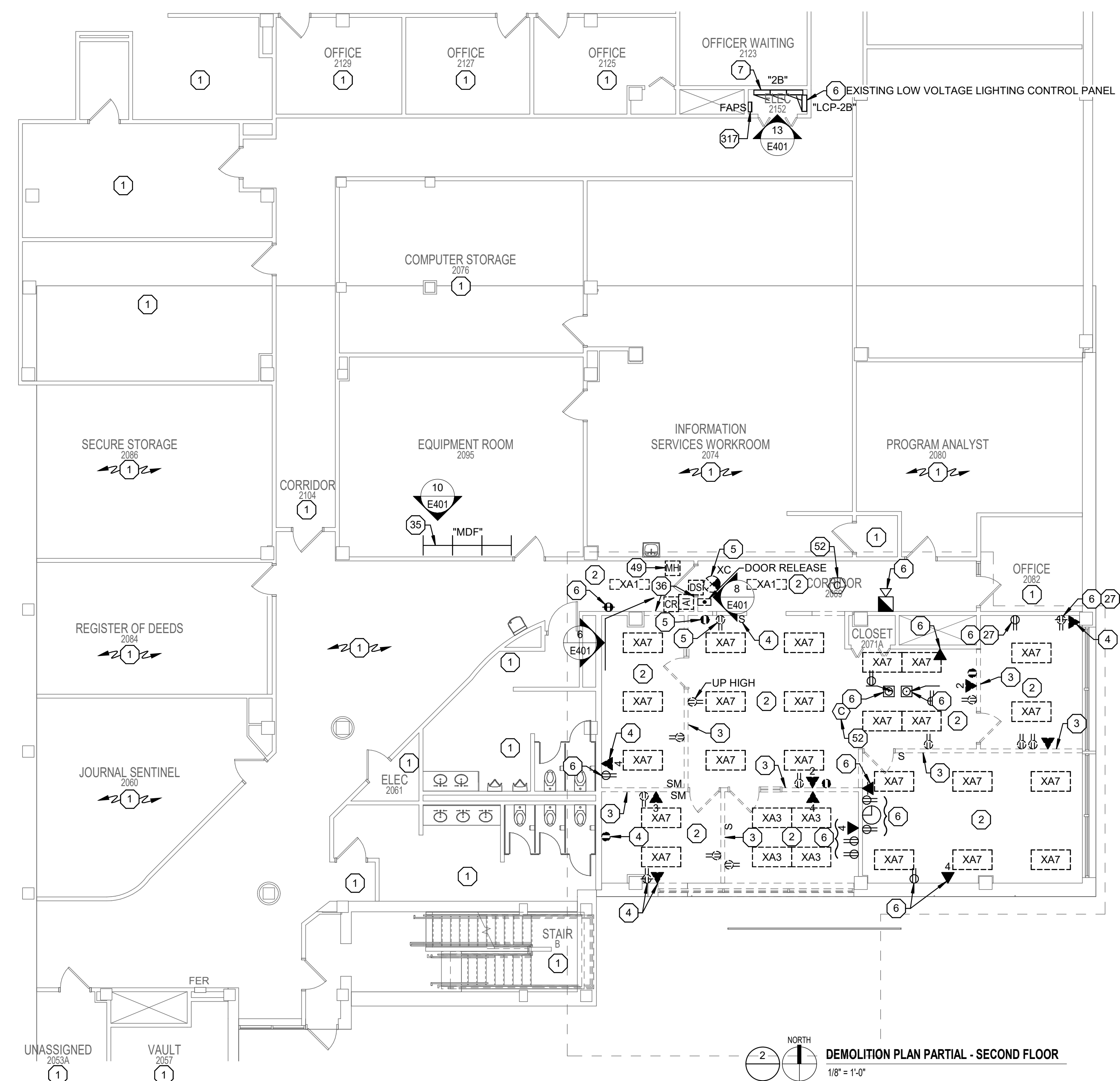
- 6 EXISTING DEVICE TO REMAIN.
- 7 EXISTING PANEL TO REMAIN.
- 13 EXISTING SWITCHBOARD TO REMAIN.
- 34 EXISTING DATA RACK TO REMAIN. ADD 24 PORT PATCH PANEL.



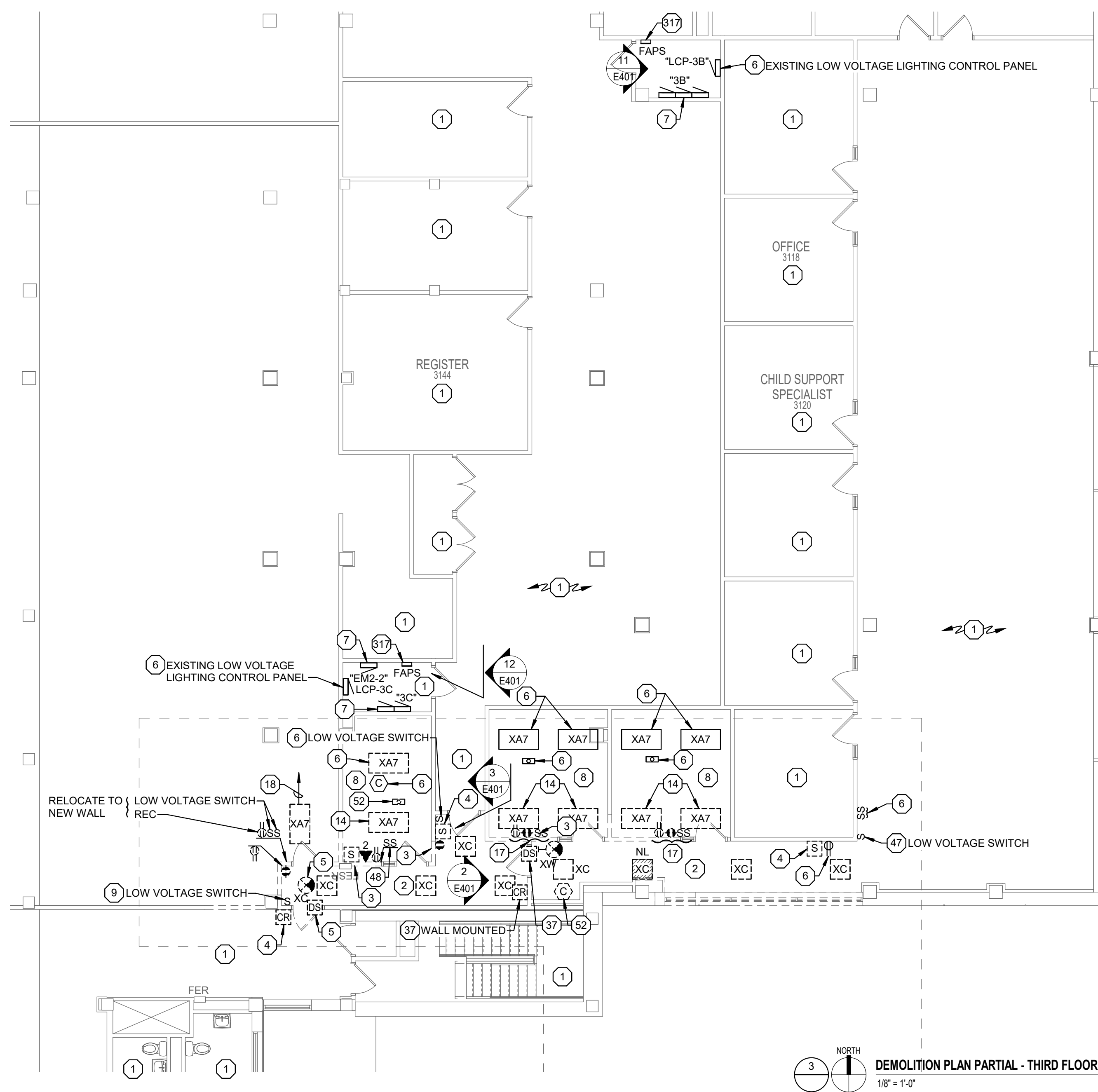
REVISIONS:



DEMOLITION PLAN PARTIAL - FIRST FLOOR
1/8" = 1'-0"



DEMOLITION PLAN PARTIAL - SECOND FLOOR
1/8" = 1'-0"



DEMOLITION PLAN PARTIAL - THIRD FLOOR
1/8" = 1'-0"

- GENERAL NOTES**
1. ALL DEVICES AND EQUIPMENT SHOWN ARE TO BE REMOVED UNLESS SPECIFICALLY NOTED OTHERWISE. SEE PLAN NOTES FOR SPECIFIC WORK REQUIRED.
 2. REMOVE ALL DEVICES AND ASSOCIATED WIRING AND CONDUIT BACK TO PANEL OR HEAD END ON EXISTING WALLS AND CEILINGS SCHEDULED TO BE REMOVED. RE-FEED ANY DEVICES ON SAME CIRCUIT SCHEDULED TO REMAIN.
 3. PROVIDE A BLANK STAINLESS STEEL COVER PLATE ON ALL UNUSED OPENINGS, IN WALLS SCHEDULED TO REMAIN. IF OPENING WILL NOT ACCEPT BLANK PLATE, PATCH WALL TO MATCH EXISTING.
 4. DEVICES AND EQUIPMENT SHOWN ON DRAWINGS ARE NOT ALL INCLUSIVE. EVALUATE EXISTING CONDITIONS AND REMOVE ALL ELECTRICAL EQUIPMENT AND DEVICES AS NEEDED TO ACCOMMODATE DEMOLITION OF EXISTING AREAS.
 5. VISIT THE PREMISES AND TAKE NOTE OF ALL EXISTING CONDITIONS WHICH MAY AFFECT WORK AND BE RESPONSIBLE FOR KNOWLEDGE OF SAME IN PREPARATION OF BID. LACK OF INFORMATION ON EXISTING CONDITIONS WILL NOT BE ALLOWED AS A VALID CAUSE FOR ADDITIONAL COMPENSATION.
 6. TURN OVER ALL REMOVED LIGHT FIXTURES AND EXIT LIGHTS TO OWNER. IF OWNER DOES NOT WANT THEN DISPOSE OF THE LIGHT FIXTURES AND EXIT LIGHTS.
 7. EXISTING CONDUITS LOCATED ABOVE CEILING ARE NOT ADEQUATELY SUPPORTED PER NEC REQUIREMENTS. IN AREAS OF WHERE EC IS WORKING, NEW AND EXISTING CONDUITS SHALL BE SUPPORTED PER LATEST NEC CODE.

- PLAN NOTES**
1. NO WORK IN THIS ROOM.
 2. IN THIS ROOM, REMOVE EXISTING LIGHTING AND REPLACE SWITCHES WITH NEW DIMMER SWITCHES. PROVIDE NEW PLATE FOR SWITCHES. SEE NEW PLANS.
 3. REMOVE EXISTING DEVICES, WIRING, AND RACEWAY FROM WALL. SCHEDULED FOR REMOVAL.
 4. REMOVE EXISTING DEVICE AND WIRE. PROVIDE BLANK PLATE.
 5. REMOVE EXISTING DEVICES, WIRING, AND RACEWAY.
 6. EXISTING DEVICE TO REMAIN.
 7. EXISTING PANEL TO REMAIN.
 8. IN THIS ROOM, EXISTING LIGHTING AND SWITCHING TO REMAIN UNLESS OTHERWISE STATED.
 9. RELOCATE EXISTING LOW VOLTAGE SWITCH TO NEW WALL. SEE NEW PLANS FOR LOCATION.
 14. MOVE EXISTING LIGHT FIXTURE NORTH 2' TO CLEAR NEW WALL. SEE NEW PLANS FOR NEW LOCATION.
 17. MOVE EXISTING DEVICES MOUNTED ON WALL TO NEW WALL. SEE NEW PLANS FOR NEW LOCATION.
 18. MOVE EXISTING TYPE XA7 FIXTURE NORTH 4' TO CLEAR NEW WALL.
 27. DEVICE INSTALLED IN WIREMOLD.
 34. EXISTING DATA RACK TO REMAIN. ADD 24 PORT PATCH PANEL.
 35. EXISTING DATA RACKS TO REMAIN. USE THIS DATA RACK FOR NEW 24 PORT DATA PATCH PANEL AND WIRING. REUSE EXISTING EQUIPMENT TO MAKE ROOM FOR NEW PATCH PANELS.
 36. WALL AND DOOR SCHEDULED TO BE DEMOED. RELOCATE CARD READER, INTERCOM BUTTON, DOOR STRIKE, AND DOOR RELEASE BUTTON TO NEW WALL WITH DOOR. SEE NEW PLANS FOR LOCATION.
 37. WALL AND DOOR SCHEDULED TO BE DEMOED. RELOCATE CARD READER, & DOOR STRIKE TO NEW WALL WITH DOOR. SEE NEW PLANS FOR LOCATION.
 47. RELOCATE EXISTING LOW VOLTAGE SWITCH TO EXISTING GYP. WALL. SEE NEW PLANS FOR LOCATION.
 48. RELOCATE EXISTING SWITCHES TO NEW WALL. SEE NEW PLANS FOR LOCATION.
 49. EXISTING MAG HOLD AND WIRING TO BE RELOCATED FOR NEW DOOR. SEE NEW PLANS FOR LOCATION.
 51. DISCONNECT EXISTING HVAC EQUIPMENT AND REMOVE ALL ASSOCIATED CONDUIT, WIRING, AND CIRCUIT BREAKER.
 52. EXISTING DEVICE TO BE TAKEN DOWN, STORED, AND PUT BACK UP AFTER NEW CEILING IS INSTALLED.
 53. RELOCATE EXISTING KEYPAD FOR EMERGENCY ALERT SYSTEM AND EXTEND WIRING TO NEW LOCATION. MOUNT AT 48" AFF TO TOP OF KEYPAD. SEE NEW PLANS FOR LOCATION.
 229. RELOCATE DOOR RELEASE BUTTON AND EXTEND EXISTING WIRING TO NEW LOCATION. MOUNT ON WALL 48" AFF TO TOP OF BUTTON. SEE NEW PLANS FOR LOCATION.
 230. RELOCATE DOOR MONITOR PAD AND EXTEND EXISTING WIRING TO NEW LOCATION. MOUNT ON WALL 48" AFF TO TOP OF PAD. SEE NEW PLANS FOR LOCATION.
 317. EXISTING FIRE ALARM POWER SUPPLY PANEL TO REMAIN.

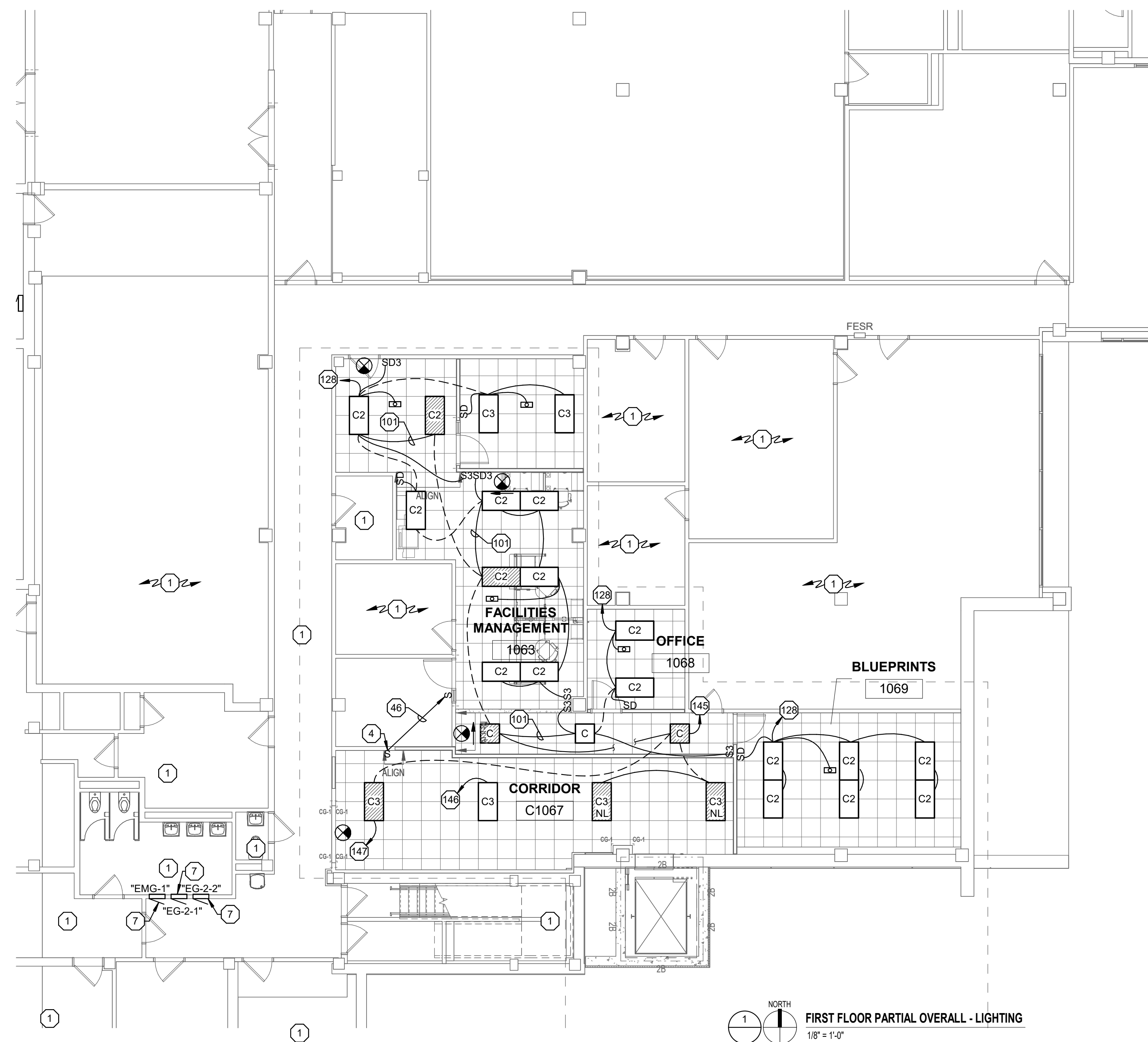
DRAWN BY: Author 7/17/2023 2:06:42 PM

200 S. Wells Street, Milwaukee, Wisconsin 53204 414.352.3500
2310 Crossroads Drive, Suite 200, Madison, Wisconsin 53718 608.249.9900
1917 Madison Avenue, Madison, Wisconsin 53706 608.249.9900
1917 Madison Avenue, Suite 200, West Bend, WI 53095 608.249.9900

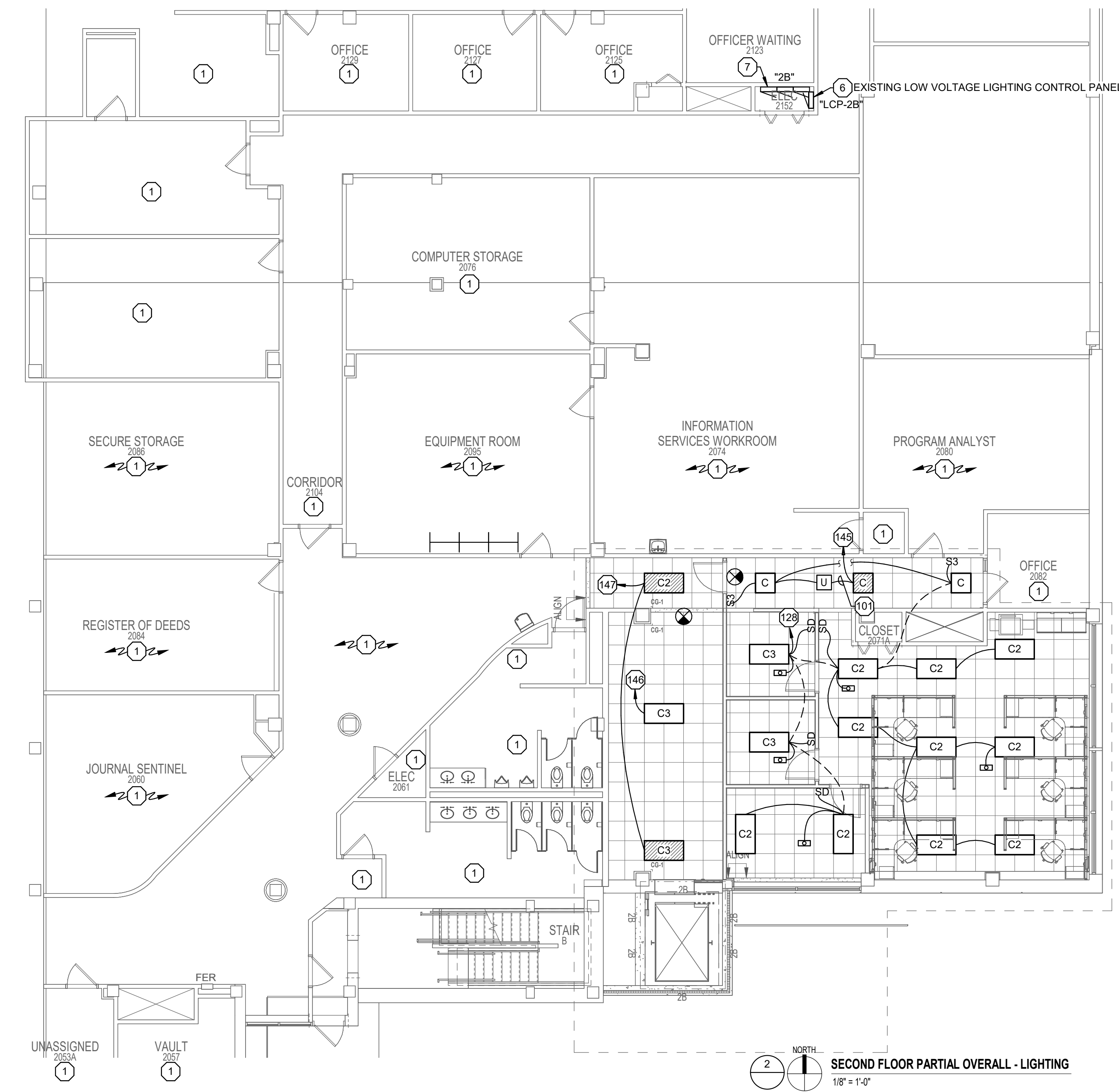
ENGINEERING DESIGN BY
MSA pro
PLUNKETT RAYSICH ARCHITECTS, LLP
(608) 382-4505 • www.msa-pro.com

WASHINGTON COUNTY
HERBERT J. TENNIES GOVERNMENT CENTER ELEVATOR ADDITION
432 E. WASHINGTON STREET, WEST BEND, WI 53095

REVISIONS:
CONSTRUCTION SET
DATE: 07/18/2023
JOB NO: 230105-01
SHEET NO:
DEMOLITION PARTIAL PLANS
E104



FIRST FLOOR PARTIAL OVERALL - LIGHTING
1/8" = 1'-0"

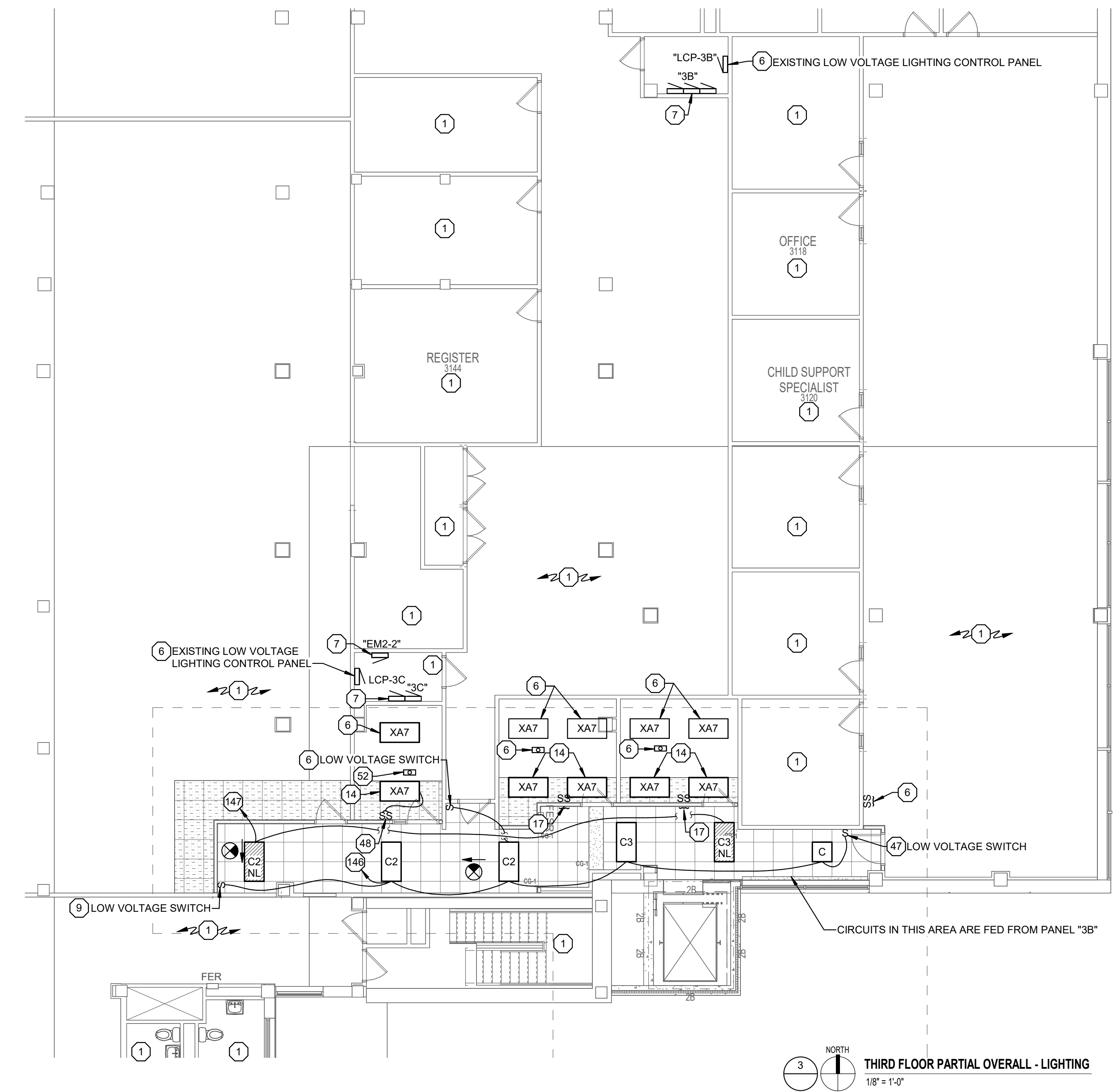


SECOND FLOOR PARTIAL OVERALL - LIGHTING
1/8" = 1'-0"

- GENERAL NOTES**
- ALL EXIT LIGHTS THIS SHEET SHALL BE CIRCUITED TO NEAREST EXISTING EXIT LIGHT CIRCUIT.
 - SHADED FIXTURE () INDICATES FIXTURE CONNECTED TO EXISTING EMERGENCY/NIGHT LIGHT CIRCUIT IN THE AREA.
 - IN ROOMS WITH OCCUPANCY SENSOR, GENERAL ILLUMINATION IN ROOM SHALL BE CONTROLLED BY SENSOR. CONTRACTOR TO DETERMINE BEST LOCATION FOR SENSOR IN FIELD WITH MANUFACTURER. SEE DETAIL 4.
 - SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION OF CEILING MOUNTED LIGHT FIXTURES.
 - EXISTING CONDUITS LOCATED ABOVE CEILING ARE NOT ADEQUATELY SUPPORTED PER NEC REQUIREMENTS. IN AREAS OF WHERE EC IS WORKING, NEW AND EXISTING CONDUITS SHALL BE SUPPORTED PER LATEST NEC CODE.
 - FOR PLAN NOTE 101, SEE DETAIL 6.
- PLAN NOTES**
- NO WORK IN THIS ROOM.
 - REMOVE EXISTING DEVICE AND WIRE. PROVIDE BLANK PLATE.
 - EXISTING DEVICE TO REMAIN.
 - EXISTING PANEL TO REMAIN.
 - RELOCATE EXISTING LOW VOLTAGE SWITCH TO NEW WALL. SEE NEW PLANS FOR LOCATION.
 - MOVE EXISTING LIGHT FIXTURE NORTH 2' TO CLEAR NEW WALL. SEE NEW PLANS FOR NEW LOCATION.
 - MOVE EXISTING DEVICES MOUNTED ON WALL TO NEW WALL. SEE NEW PLANS FOR NEW LOCATION.
 - RELOCATE EXISTING SWITCH AND WIRING TO EXISTING GYP WALL. FLUSH MOUNT IN WALL.
 - RELOCATE EXISTING LOW VOLTAGE SWITCH TO EXISTING GYP WALL. SEE NEW PLANS FOR LOCATION.
 - RELOCATE EXISTING SWITCHES TO NEW WALL. SEE NEW PLANS FOR LOCATION.
 - EXISTING DEVICE TO BE TAKEN DOWN, STORED, AND PUT BACK UP AFTER NEW CEILING IS INSTALLED.
 - CONTROL THROUGH BYPASS CONTROLLER.
 - CONNECT TO EXISTING NORMAL LIGHTING CIRCUIT IN THE AREA.
 - CONNECT TO EXISTING EMERGENCY LIGHTING CIRCUIT IN THE AREA.
 - CONNECT TO THE AREA CORRIDOR NORMAL LIGHTING CIRCUIT.
 - CONNECT TO THE AREA CORRIDOR EMERGENCY LIGHTING CIRCUIT.

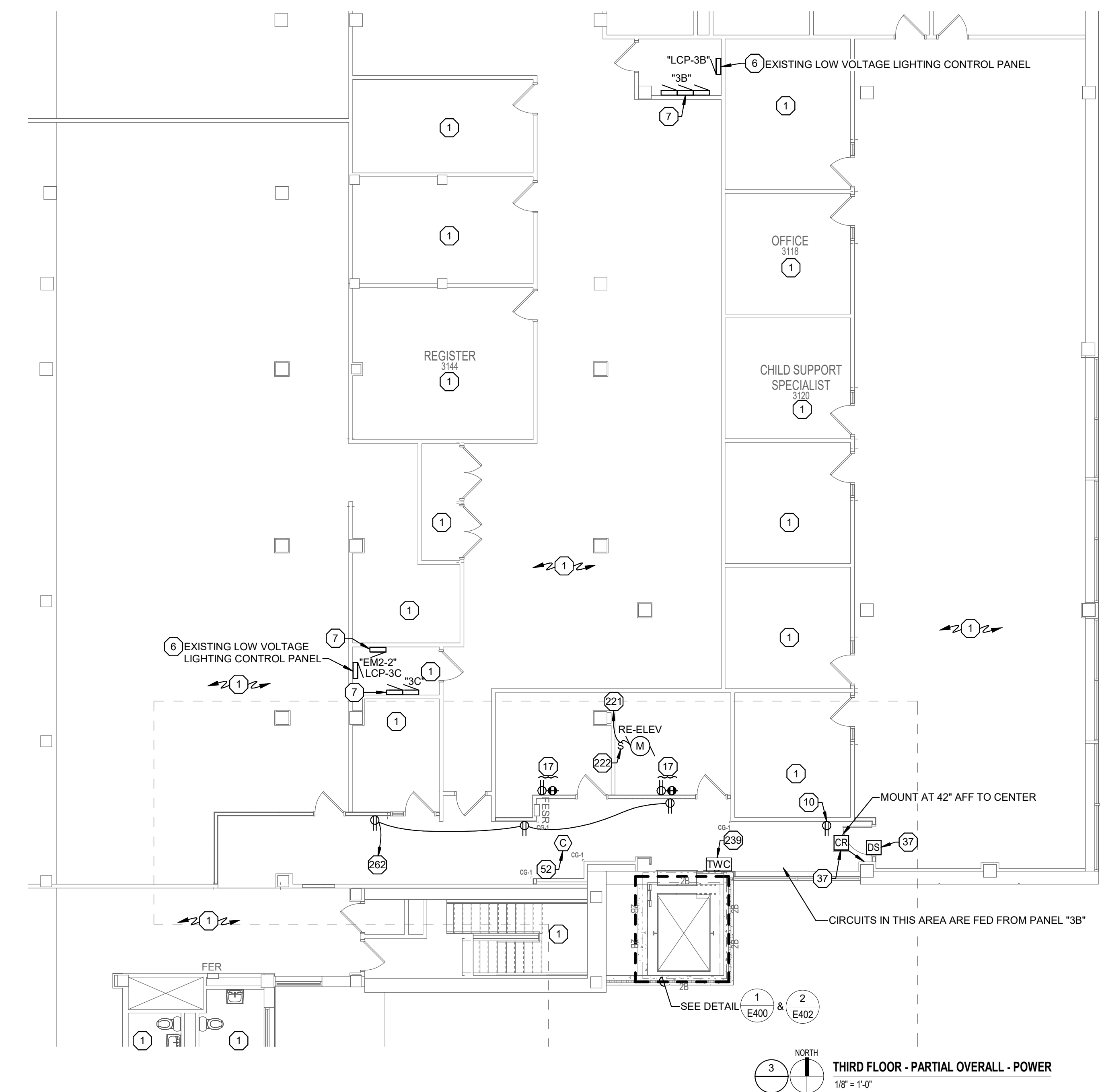
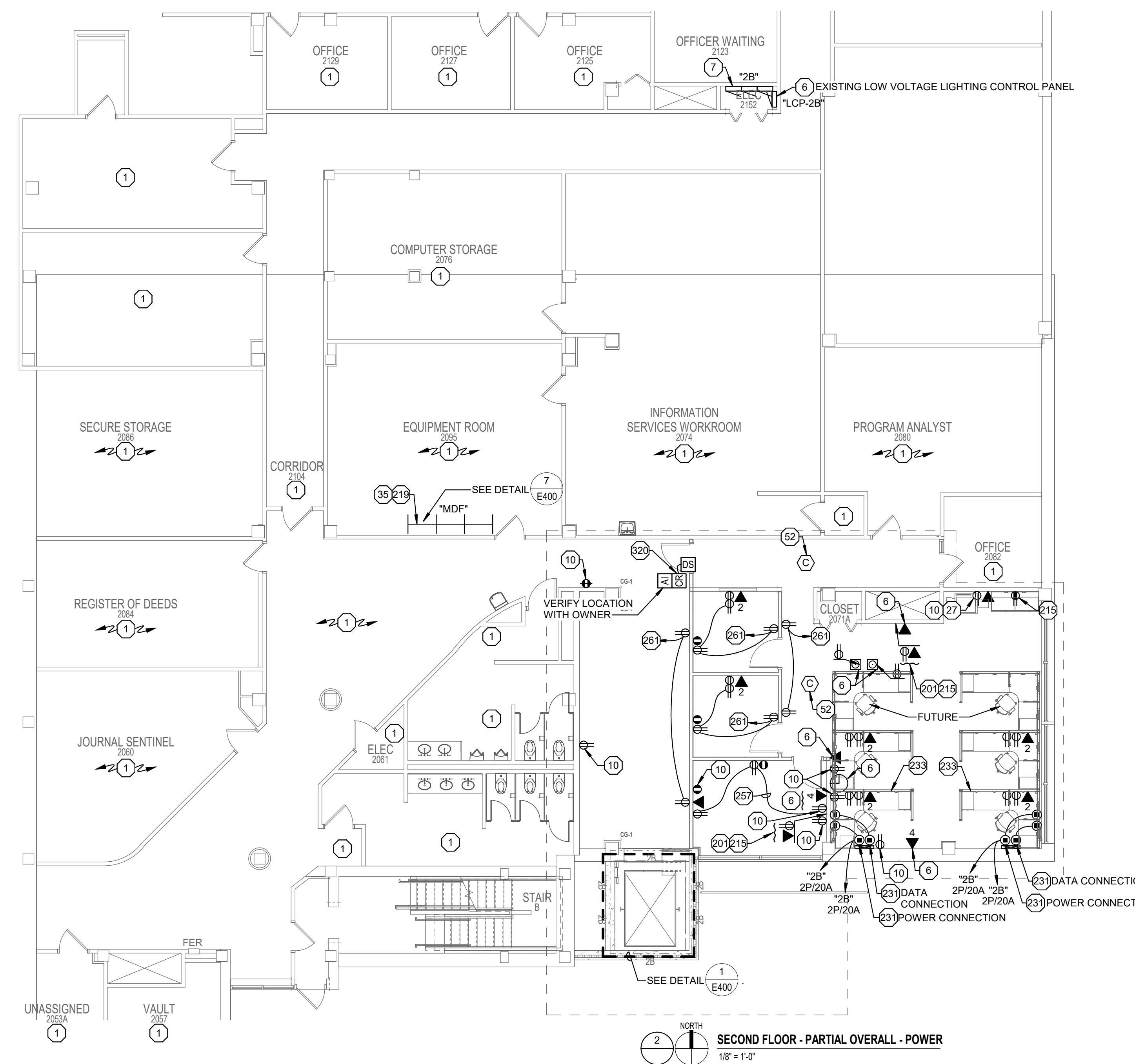
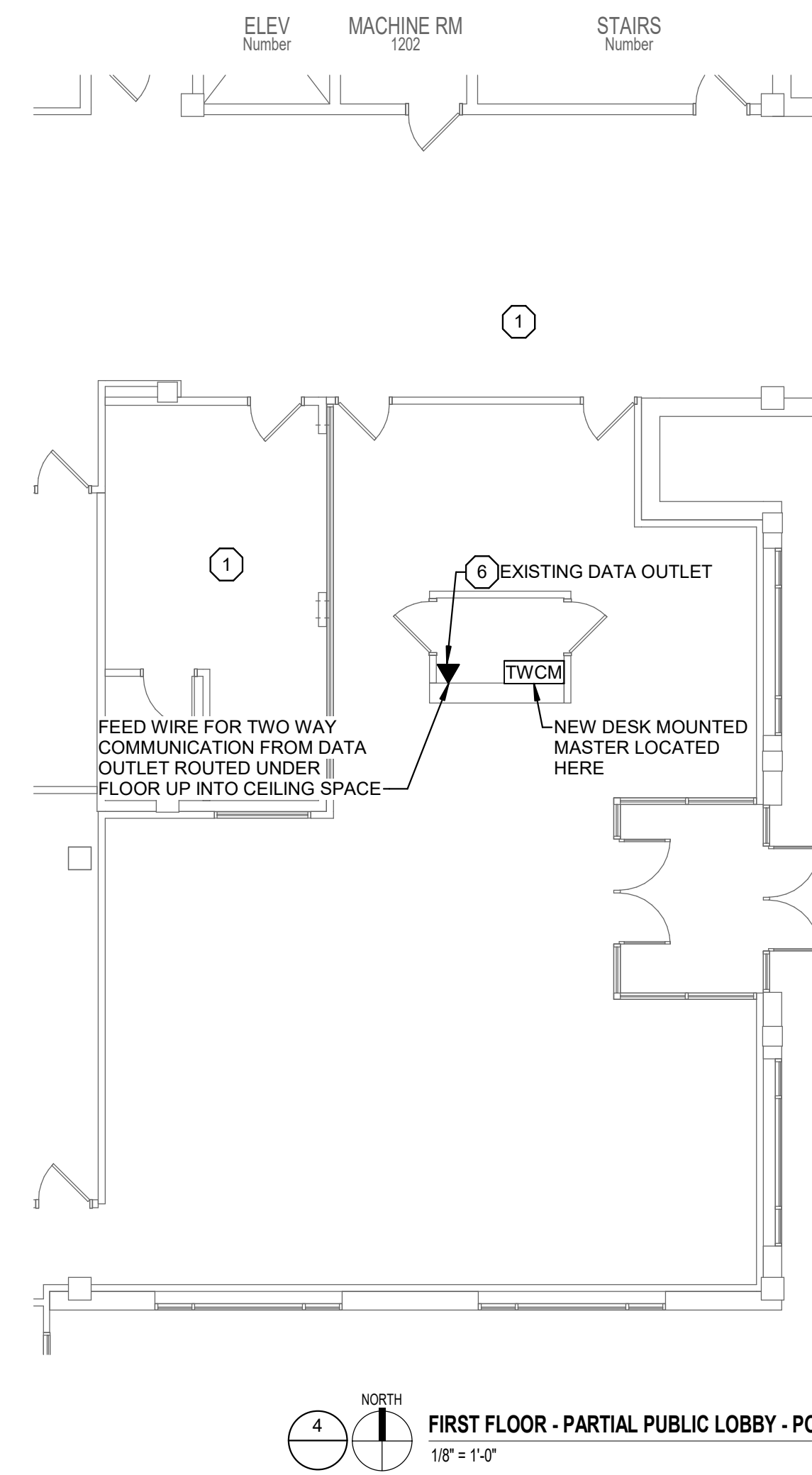
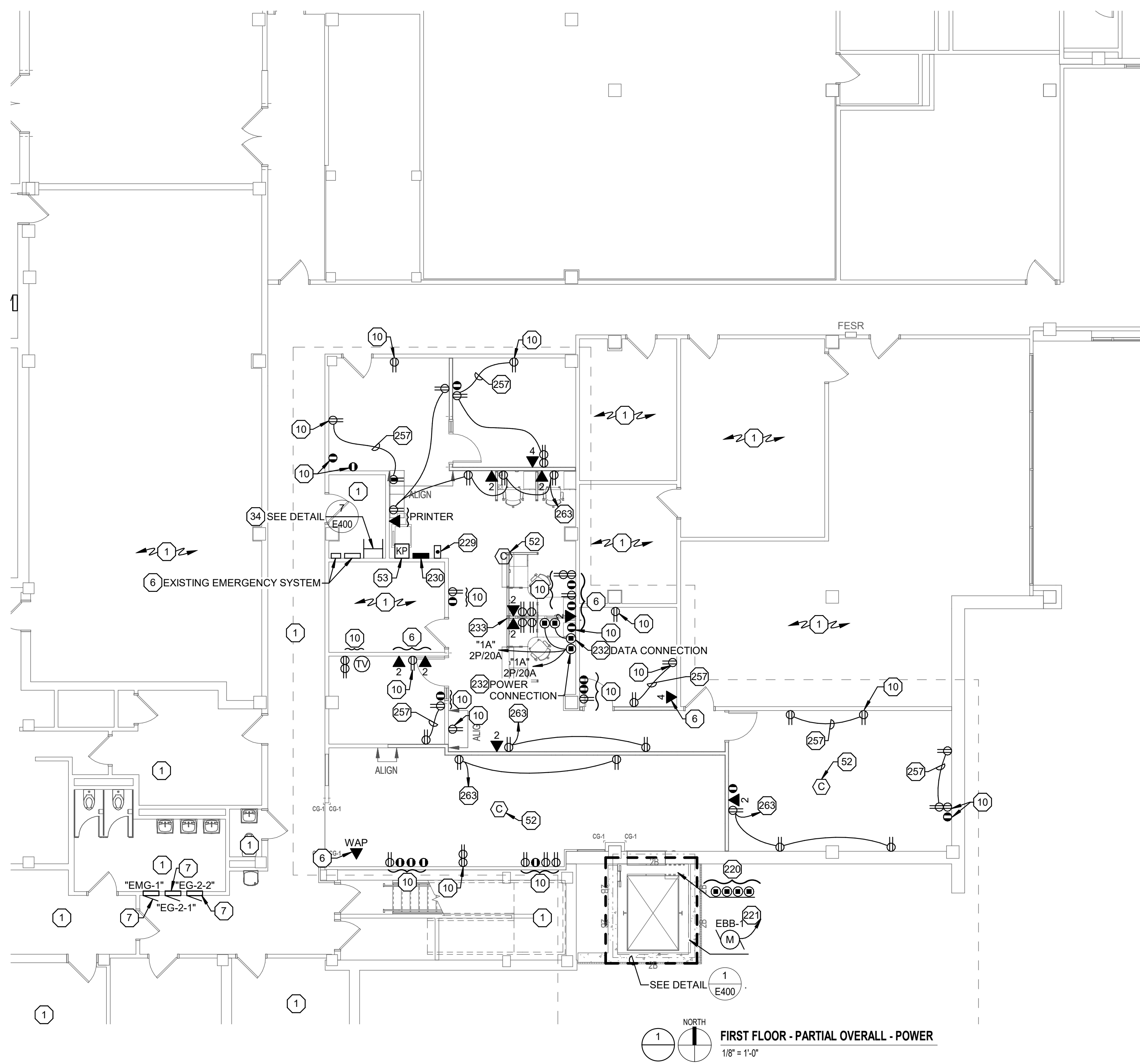
TYPE	DESCRIPTION	WATTS	LAMP TYPE	LAMP QTY.	MANUFACTURER	CATALOG NUMBER	NOTE
C	2'X2' FLAT PANEL LED LUMEN (4000LM) AND COLOR SWITCHABLE ON/OFF (PROVIDE 0-10V DIMMING DRIVER)	18-37	LED 3500/4000/5000K	WITH FIX	LITHONIA SPITZER	CPX 2X2 AL07 SWW7 M4 BP2-22-40LC-U-CC	1,5,6
C2	2'X4' FLAT PANEL LED LUMEN (5000LM) AND COLOR SWITCHABLE ON/OFF (PROVIDE 0-10V DIMMING DRIVER)	28-50	LED 3500/4000/5000K	WITH FIX	LITHONIA SPITZER	22-FPL-BL-LED-2000/3000/4000L-DIM10-MVOLT-35K/40K/50K-85 CPX 2X4 AL08 SWW7 M2 BP2-24-40LC-U-CC	1,5,6
C3	2'X4' FLAT PANEL LED LUMEN (6000LM) AND COLOR SWITCHABLE ON/OFF (PROVIDE 0-10V DIMMING DRIVER)	28-50	LED 3500/4000/5000K	WITH FIX	LITHONIA SPITZER	24-FPL-BL-LED-2000/3000/4000L-DIM10-MVOLT-35K/40K/50K-85 CPX 2X4 AL08 SWW7 M2 BP2-24-40LC-U-CC	1,5,6
D3	4" POLYCARB LENS WET LABLE LED 5500 LUMENS ON/OFF (PROVIDE 0-10V DRIVER) ELEVATOR PIT LIGHTING	59	LED 4000K	W/FIX	LITHONIA STANPRO	24-FPL-BL-LED-2000/3000/4000L-DIM10-MVOLT-35K/40K/50K-85 CSVT L48 5000LM MVOLT 40K 80CRI STSL VN4 L52A W 40K PC	1
1	1 FACE RED LED EXIT (WITHOUT BATTERY)	5	W/FIX	---	LITHONIA ELITE	4-OWV51-LED-4000L/5000L/6000L-DIM10-MVOLT-35K/40K/50K-85 EXRG M6	4
XC	EXISTING 2'X2' ACRYLIC 2-LAMP	---	F32T8/ADV841/ALTO	2	---	---	2
XA1	EXISTING 1'X4' 12 CELL PARABOLIC 2-LAMP	---	F32T8/ADV841/ALTO	2	---	---	2
XA3	EXISTING 2'X4' ACRYLIC 3-LAMP	---	F32T8/ADV841/ALTO	3	---	---	2
XA7	EXISTING 2'X4' 18 CELL PARABOLIC 3-LAMP	---	F32T8/ADV841/ALTO	3	---	---	2
XA12	EXISTING 2'X4' 12 1.5" PARACUBE 2-LAMP	---	F32T8/ADV841/ALTO	2	---	---	2
XW	EXISTING WALL MOUNTED RED EXIT LIGHT - ONE FACE	1	W/FIX	---	---	---	3
XC	EXISTING CEILING MOUNTED RED EXIT LIGHT - ONE FACE	1	W/FIX	---	---	---	3

- GENERAL NOTES:**
- ALL FIXTURES TO BE 120V UNLESS OTHERWISE NOTED.
- PLAN NOTES:**
- PROVIDE 0-10 VOLT DIMMERS FOR THIS FIXTURE WHERE DIMMERS ARE SHOWN ON THE DRAWINGS.
 - SEE DRAWINGS FOR REQUIRED WORK.
 - SELECT LUMEN OUTPUT AS STATED IN DESCRIPTION.
 - EC TO SPECIFY CANOPY MOUNTING LOCATION.
 - SELECT COLOR SELECTION TO BE 4000K.
 - SELECT LUMEN OUTPUT AS STATED IN DESCRIPTION.



THIRD FLOOR PARTIAL OVERALL - LIGHTING
1/8" = 1'-0"

DRAWN BY: Author 7/17/2023 2:06:44 PM

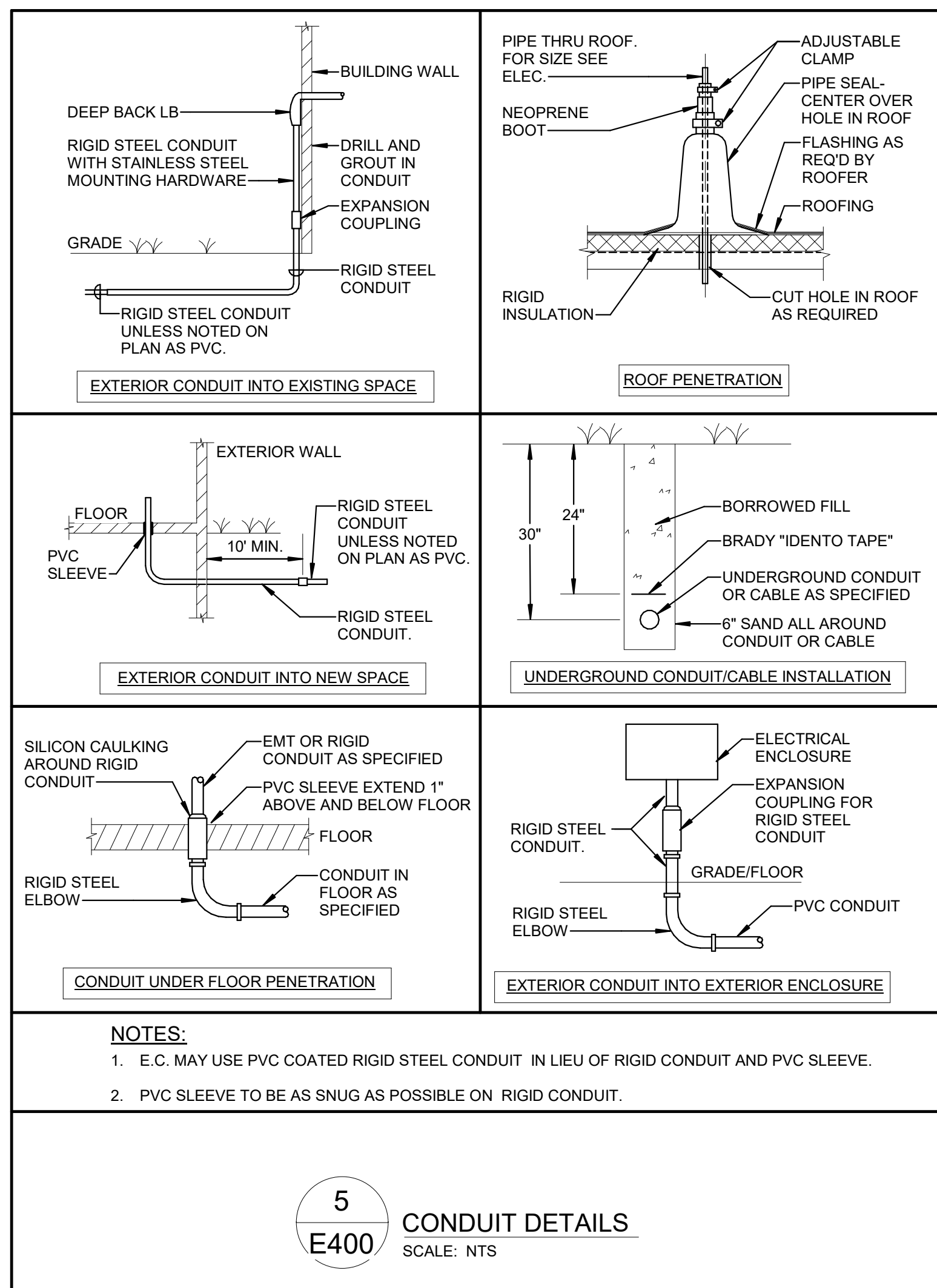


GENERAL NOTES

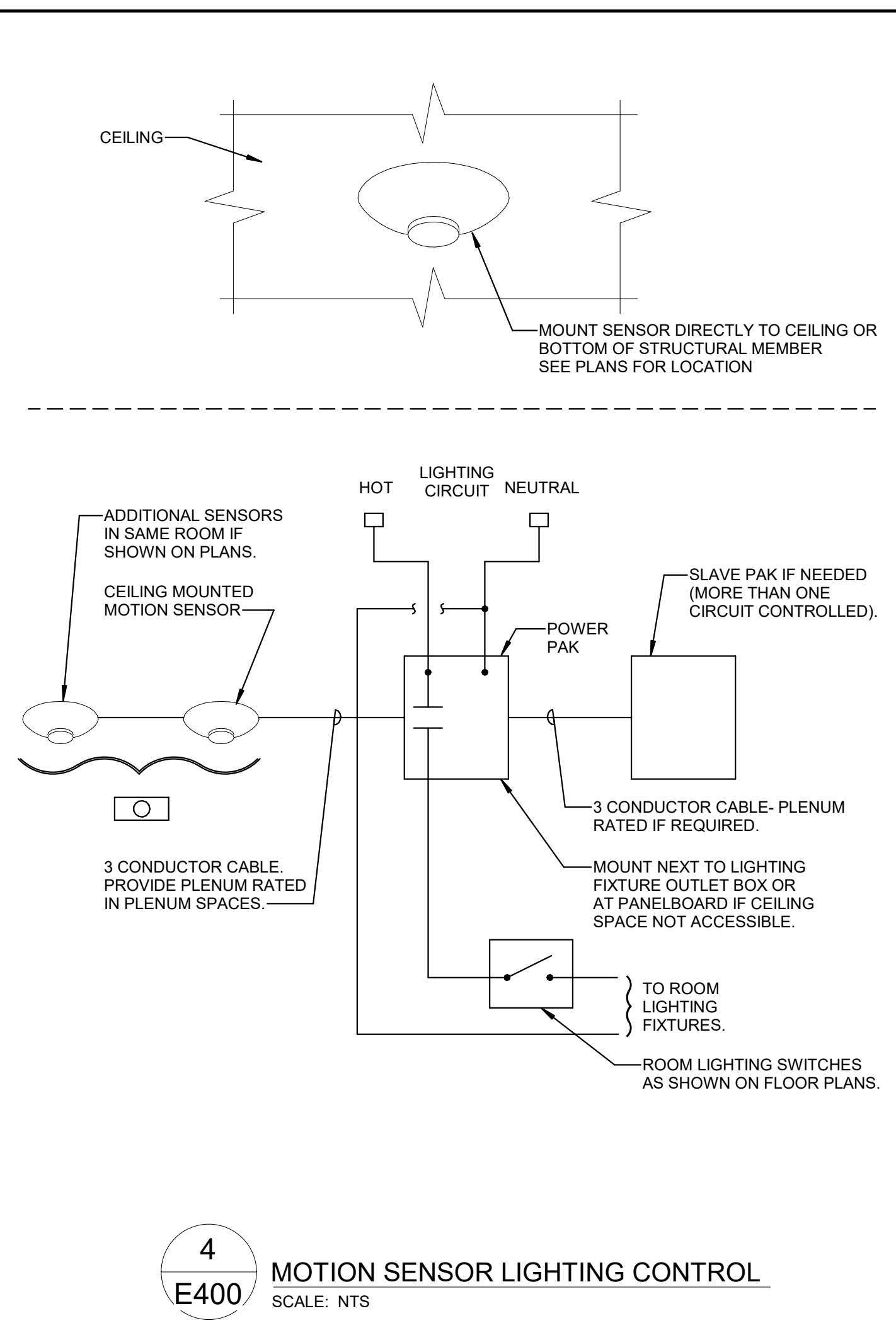
- ALL CONDUITS STUBBED OUT OF BUILDING SHALL BE DONE PER DETAIL (E400)
- ALL RECEPTACLES MOUNTED WITHIN 6 FEET OF SINKS SHALL BE GFI TYPE.
- ALL LOW VOLTAGE CABLING IN AREAS WITH EXPOSED STRUCTURE SHALL BE IN CONDUIT.
- EXISTING CONDUITS LOCATED ABOVE CEILING ARE NOT ADEQUATELY SUPPORTED PER NEC REQUIREMENTS. IN AREAS OF WHERE EC IS WORKING, NEW AND EXISTING CONDUITS SHALL BE SUPPORTED PER LATEST NEC CODE.
- FOR PLAN NOTE 220, SEE DETAIL (E400)
- FOR PLAN NOTE 219 & 239, SEE DETAIL (E400)
- FOR PLAN NOTE 231, SEE DETAIL (E400)
- FOR PLAN NOTE 232, SEE DETAIL (E400)

PLAN NOTES

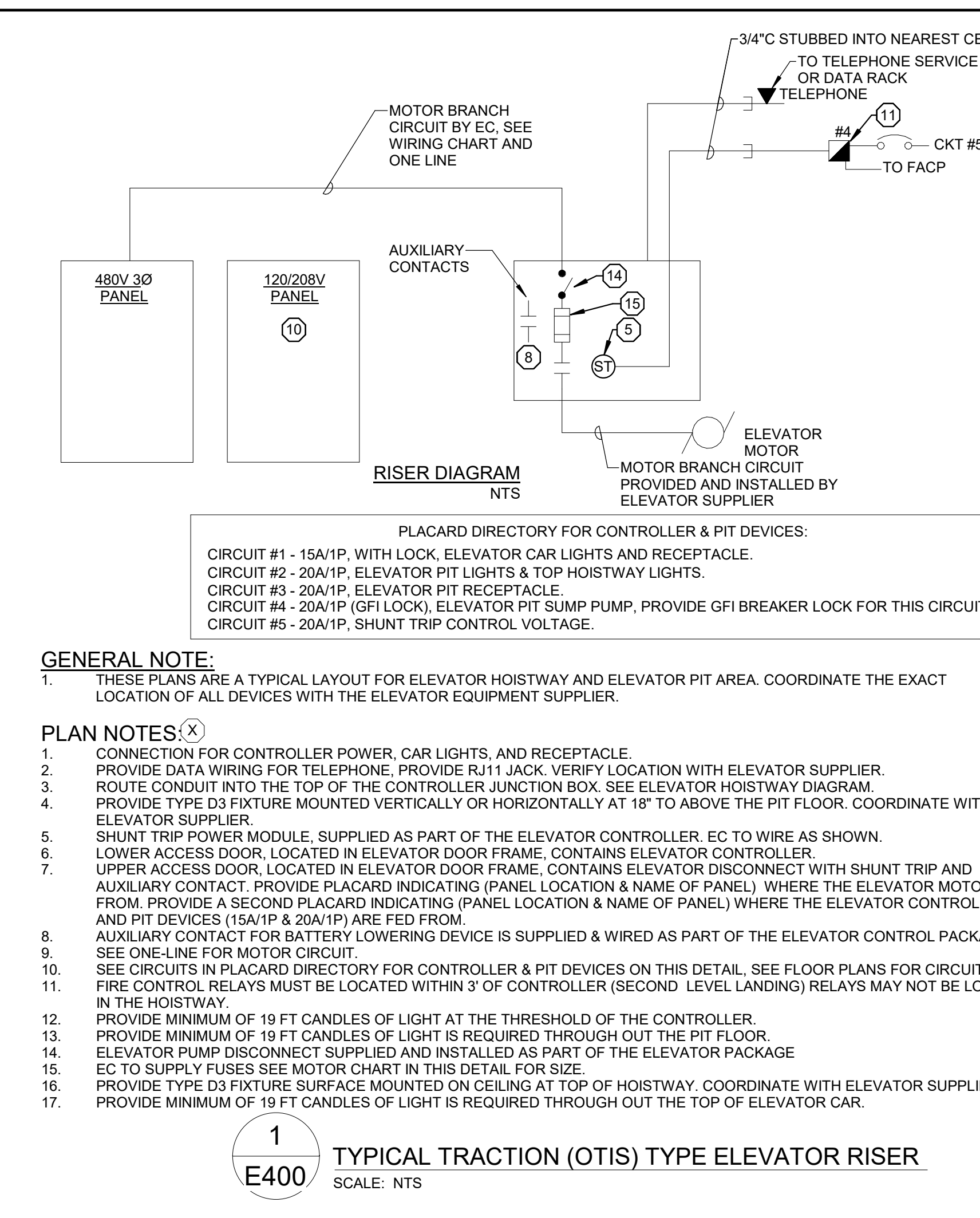
- NO WORK IN THIS ROOM.
- EXISTING DEVICE TO REMAIN.
- EXISTING PANEL TO REMAIN.
- CHANGE OUT EXISTING DEVICE(S) WITH NEW AND PROVIDE NEW PLATE COVER. IF DEVICE IS A BLANK BOX, REPLACE EXISTING PLATE COVER WITH NEW.
- MOVE EXISTING DEVICES MOUNTED ON WALL TO NEW WALL. SEE NEW PLANS FOR NEW LOCATION.
- DEVICE INSTALLED IN WIREMOLD.
- EXISTING DATA RACK TO REMAIN. ADD 24 PORT PATCH PANEL.
- EXISTING DATA RACKS TO REMAIN. USE THIS DATA RACK FOR NEW 24 PORT DATA PATCH PANEL AND WIRING. REUSE EXISTING EQUIPMENT TO MAKE ROOM FOR NEW PATCH PANELS.
- WALL AND DOOR SCHEDULED TO BE DEMOED. RELOCATE CARD READER, & DOOR STRIKE TO NEW WALL WITH DOOR. SEE NEW PLANS FOR LOCATION.
- EXISTING DEVICE TO BE TAKEN DOWN, STORED, AND PUT BACK UP AFTER NEW CEILING IS INSTALLED.
- RELOCATE EXISTING KEYPAD FOR EMERGENCY ALERT SYSTEM AND EXTEND WIRING TO NEW LOCATION. MOUNT AT 48" AFF TO TOP OF KEYPAD. SEE NEW PLANS FOR LOCATION.
- MOUNT AT 66" AFF TO TOP LEFT CENTER OF TV.
- FLUSH MOUNT DEVICE IN EXISTING GYPSUM WALL.
- LOCATE NEW HEADEND FOR TWO WAY COMMUNICATION SYSTEM (TWC) IN THIS RACK.
- ELEVATOR CONTROLLER AND PIT CIRCUITS. CIRCUIT TO EXISTING PANEL "EM-Q". PROVIDE BREAKERS TO MATCH EXISTING PER DETAIL.
- CIRCUIT TO A 20A/1P BREAKER IN EXISTING PANEL "EM-Q". PROVIDE BREAKER TO MATCH EXISTING.
- STARTER PROVIDED BY HVAC CONTRACTOR. INSTALLED BY EC. TO PROVIDE TOGGLE DISCONNECT SWITCH.
- RELOCATE DOOR RELEASE BUTTON AND EXTEND EXISTING WIRING TO NEW LOCATION. MOUNT ON WALL 48" AFF TO TOP OF BUTTON. SEE NEW PLANS FOR LOCATION.
- RELOCATE DOOR MONITOR PAD AND EXTEND EXISTING WIRING TO NEW LOCATION. MOUNT ON WALL 48" AFF TO TOP OF PAD. SEE NEW PLANS FOR LOCATION.
- ON EXISTING WALL. PROVIDE G4000 WIREMOLD WITH A 1-GANG BOX FOR POWER AND A 1-GANG FOR DATA WIRING TO FEED OFFICE PARTITION WALLS IN THIS AREA. CIRCUIT TO TWO 20A/2P BREAKERS IN EXISTING PANEL "2B". PROVIDE BREAKERS TO MATCH EXISTING. WIRE USING (2#12, (1)#10 NEUTRAL, AND (1)#12 GND AND CONNECT AS A NETWORK.
- IN EXISTING GYPSUM WALL. PROVIDE FLUSH MOUNTED 1-GANG BOX FOR POWER WITH A 3/4" ROUTED UP INTO CEILING SPACE AND PROVIDE A 1-GANG BOX FOR DATA WIRING WITH A 1-1/4" STUBBED INTO CEILING SPACE TO FEED OFFICE PARTITION WALLS IN THIS AREA. CIRCUIT TO TWO 20A/2P BREAKERS IN EXISTING PANEL "1A". PROVIDE BREAKERS TO MATCH EXISTING. WIRE USING (2#12, (1)#10 NEUTRAL, AND (1)#12 GND AND CONNECT AS A NETWORK.
- EC TO FISH DATA WIRING TO TOE SPACE OFF OFFICE PARTITION. PROVIDE MINI-COM TYPE DATA PLATE. ALL RECEPTACLES ASSOCIATED WITH THIS FURNITURE PARTITION ARE PROVIDE AND INSTALLED BY OFFICE FURNITURE SUPPLIER.
- TWO WAY COMMUNICATION SYSTEM CALL-IN. SEE SPECIFICATIONS SECTION 27 30 00.
- CONNECT TO NEARBY EXISTING CIRCUIT.
- CIRCUIT TO A 20A/1P BREAKER IN EXISTING PANEL "2B". PROVIDE BREAKER TO MATCH EXISTING.
- CIRCUIT TO A 20A/1P BREAKER IN EXISTING PANEL "3B". PROVIDE BREAKER TO MATCH EXISTING.
- CIRCUIT TO A 20A/1P BREAKER IN EXISTING PANEL "1A". PROVIDE BREAKER TO MATCH EXISTING.
- RELOCATE CARD READER. EXTEND EXISTING WIRING TO THIS LOCATION. MOUNT AT 42" AFF TO CENTER.



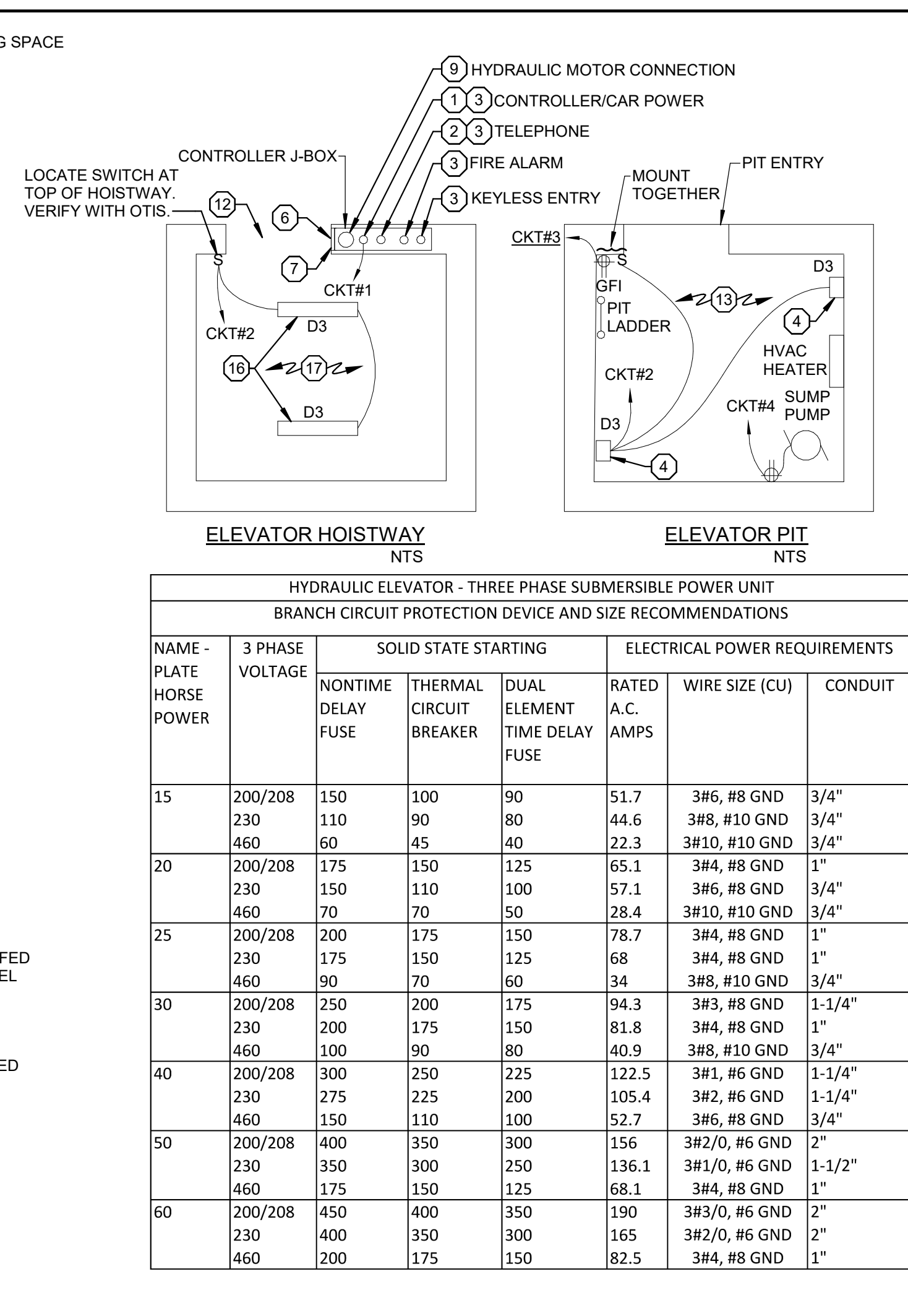
5
E400 CONDUIT DETAILS
SCALE: NTS



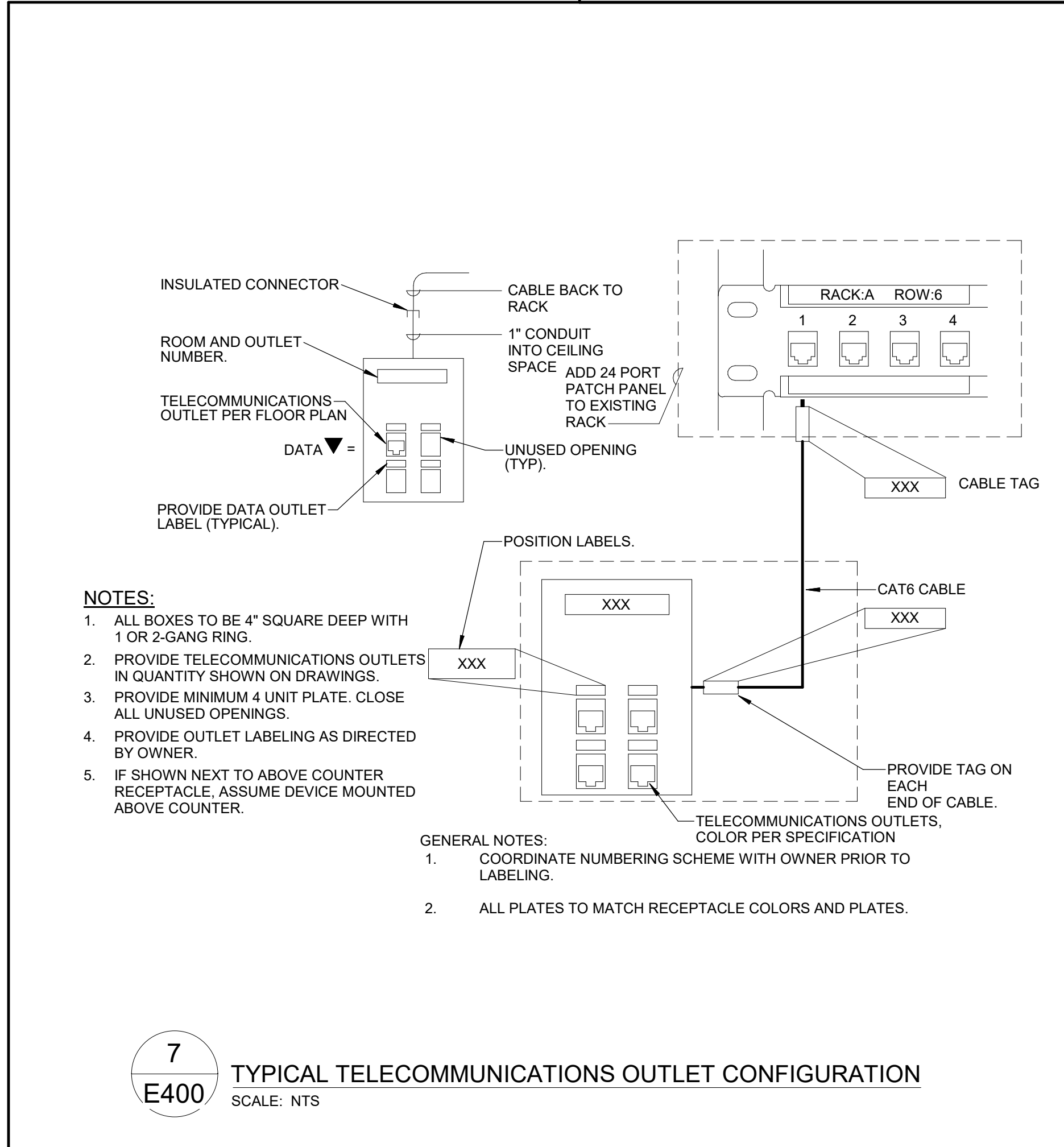
4
E400 MOTION SENSOR LIGHTING CONTROL
SCALE: NTS



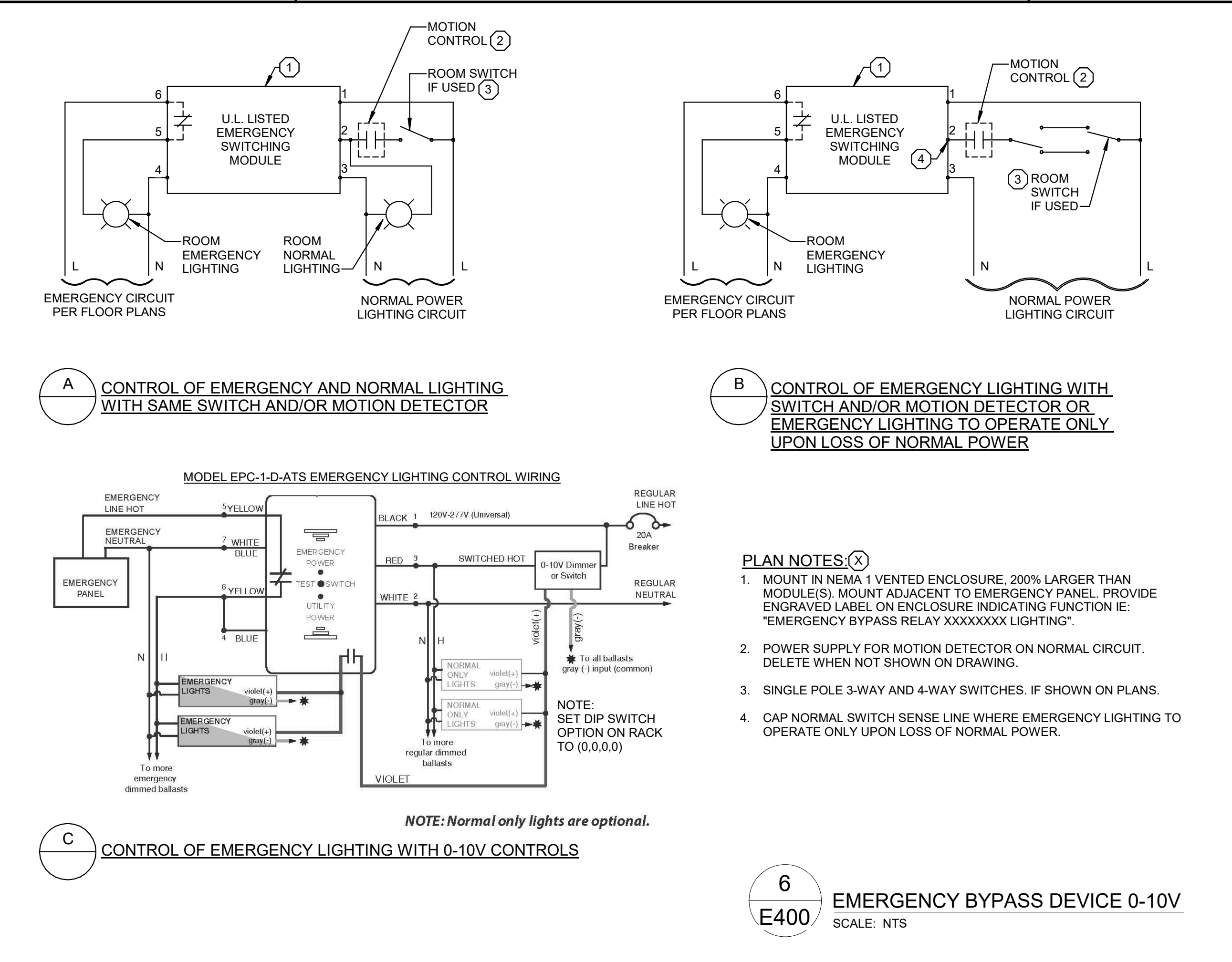
1
E400 TYPICAL TRACTION (OTIS) TYPE ELEVATOR RISER
SCALE: NTS



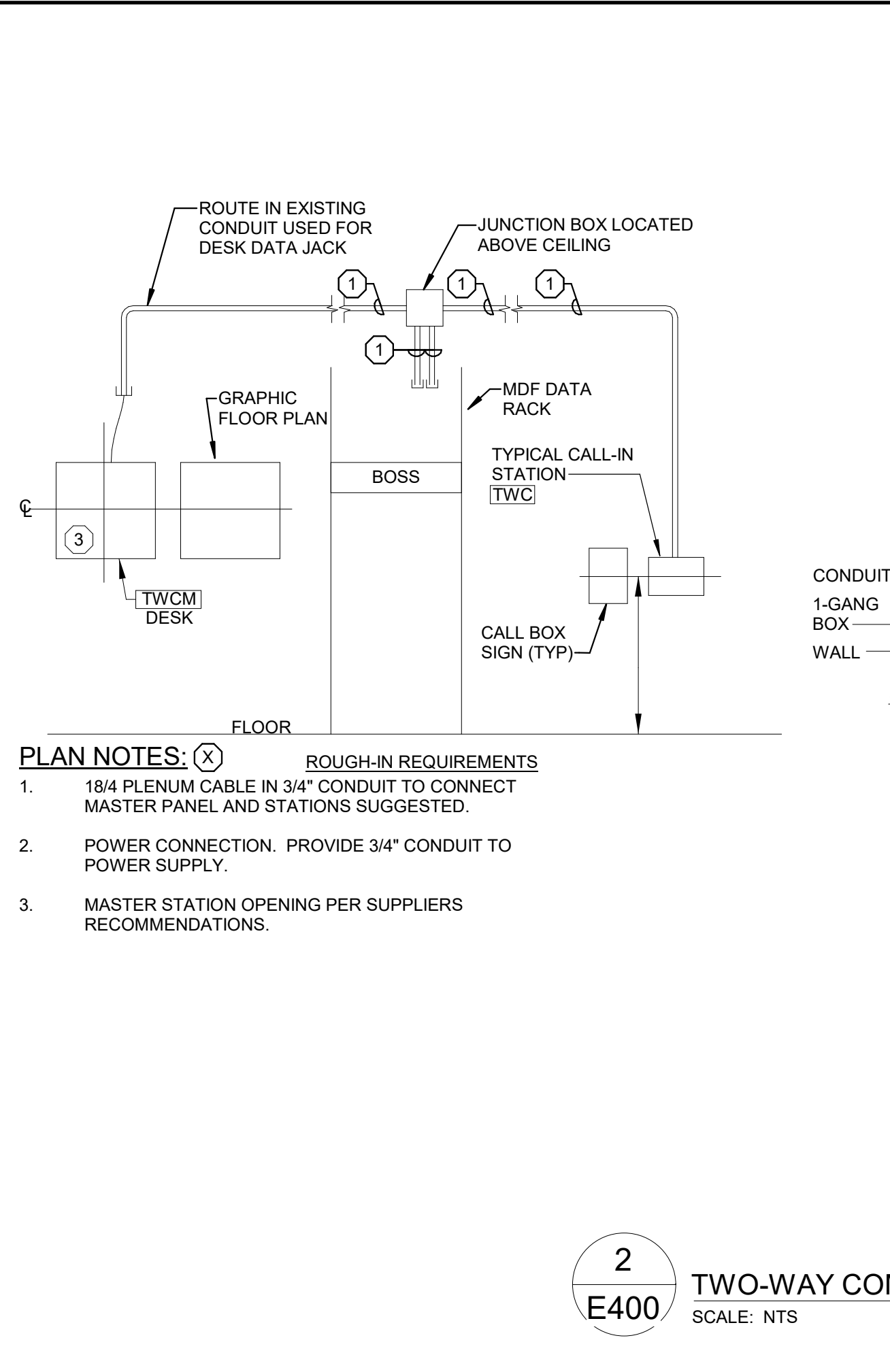
2
E400 TWO-WAY COMMUNICATION SYSTEM RATH MASTER DESK
SCALE: NTS



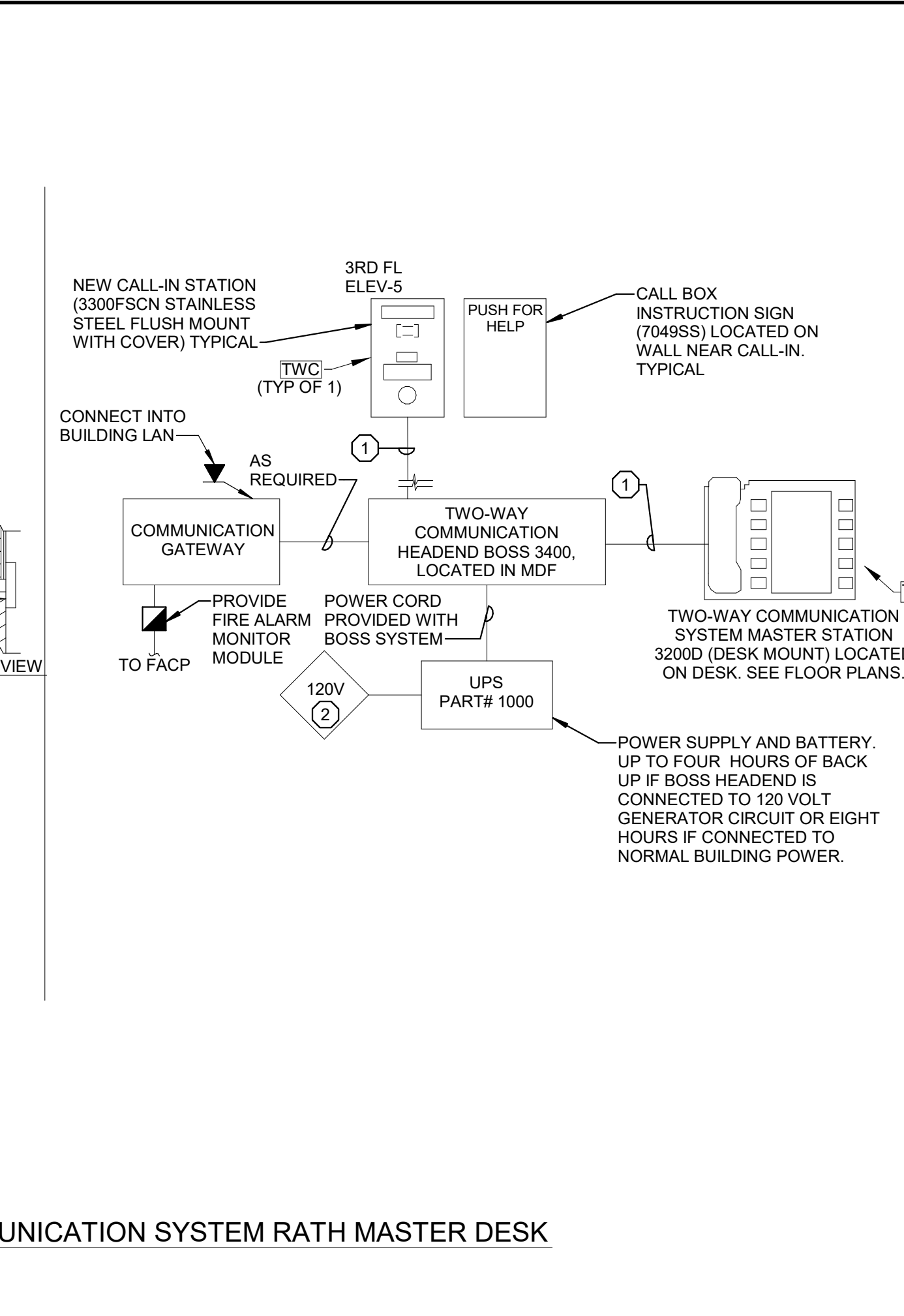
7
E400 TYPICAL TELECOMMUNICATIONS OUTLET CONFIGURATION
SCALE: NTS



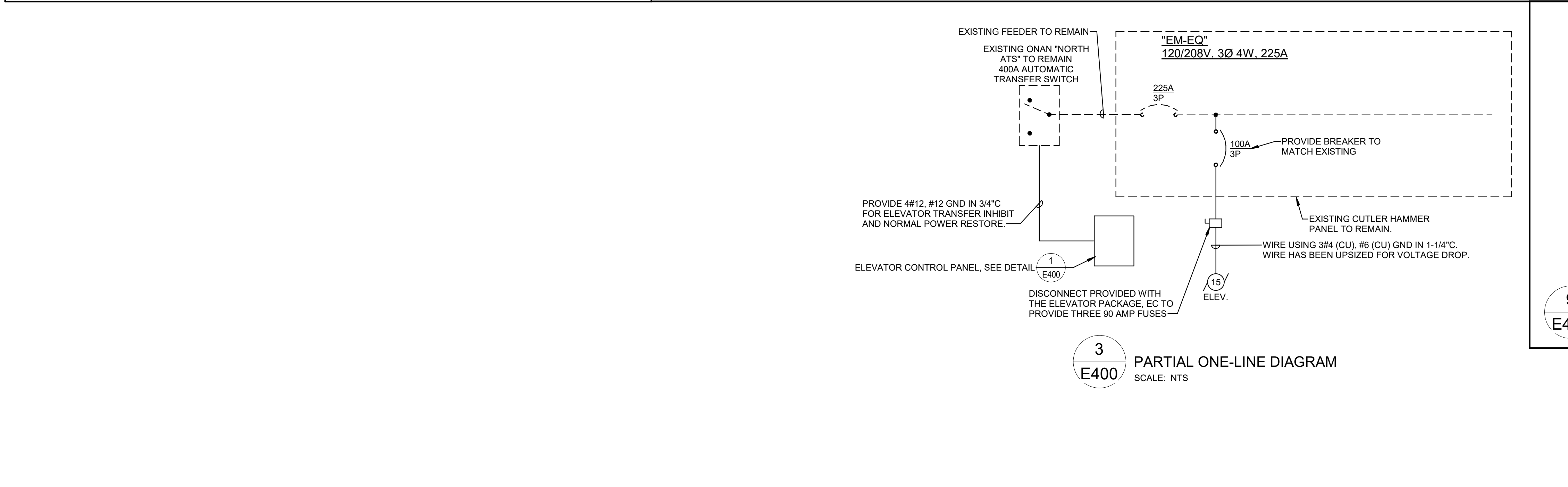
6
E400 EMERGENCY BYPASS DEVICE 0-10V
SCALE: NTS



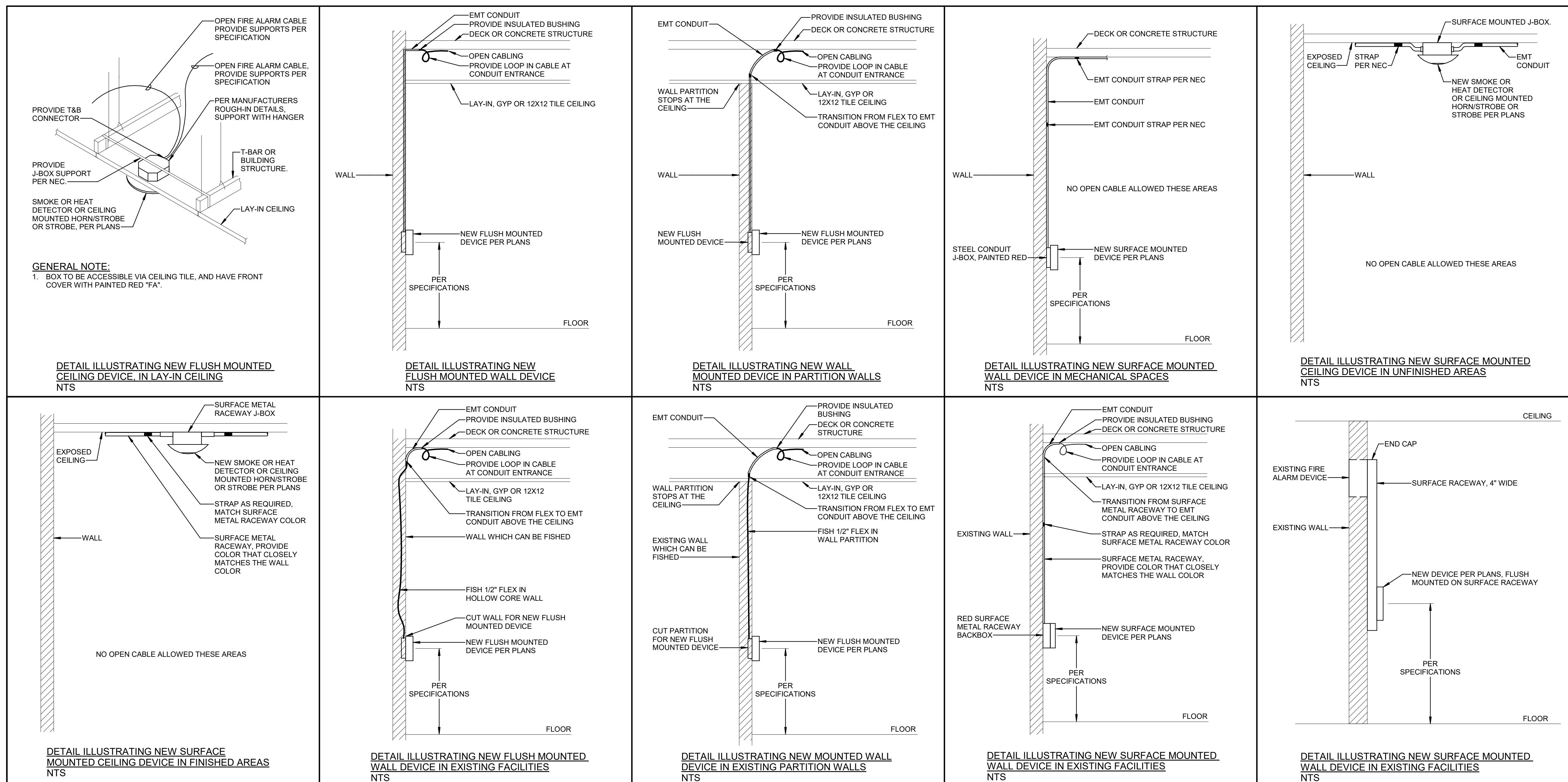
9
E400 FREE STANDING OFFICE PARTITION G4000 WIREMOLD DETAIL
SCALE: NTS



8
E400 FREE STANDING OFFICE PARTITION DETAIL
SCALE: NTS



3
E400 PARTIAL ONE-LINE DIAGRAM
SCALE: NTS



1
E402 FIRE ALARM DEVICE INSTALLATION DETAILS (NEW AND EXISTING FACILITIES)
SCALE: NTS

