

JOHNSON COUNTY ADMINISTRATION AND HEALTH & HUMAN SERVICES BUILDINGS REMODELING PROJECT

IOWA CITY, IOWA

BID DOCUMENTS - JUNE 06, 2023



Project:
JOHNSON COUNTY ADMINISTRATION AND HEALTH & HUMAN SERVICES BUILDINGS REMODELING PROJECT
913 S DuBuque St,
Iowa City, IA 52240

Project Manager:
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All questions regarding these plans and specifications should be directed to:

Signature:
Name: JUSTIN P. BISHOP
Iowa Registration No: 06497 Renewal Date: 06/30/2024

Signature:
Name: DWIGHT CLOPTON SCHUMM
Iowa Registration No: 13694 Renewal Date: 12/31/2023

Signature:
Name: BRADLEY C. HILL
Iowa Registration No: 19593 Renewal Date: 12/31/2024

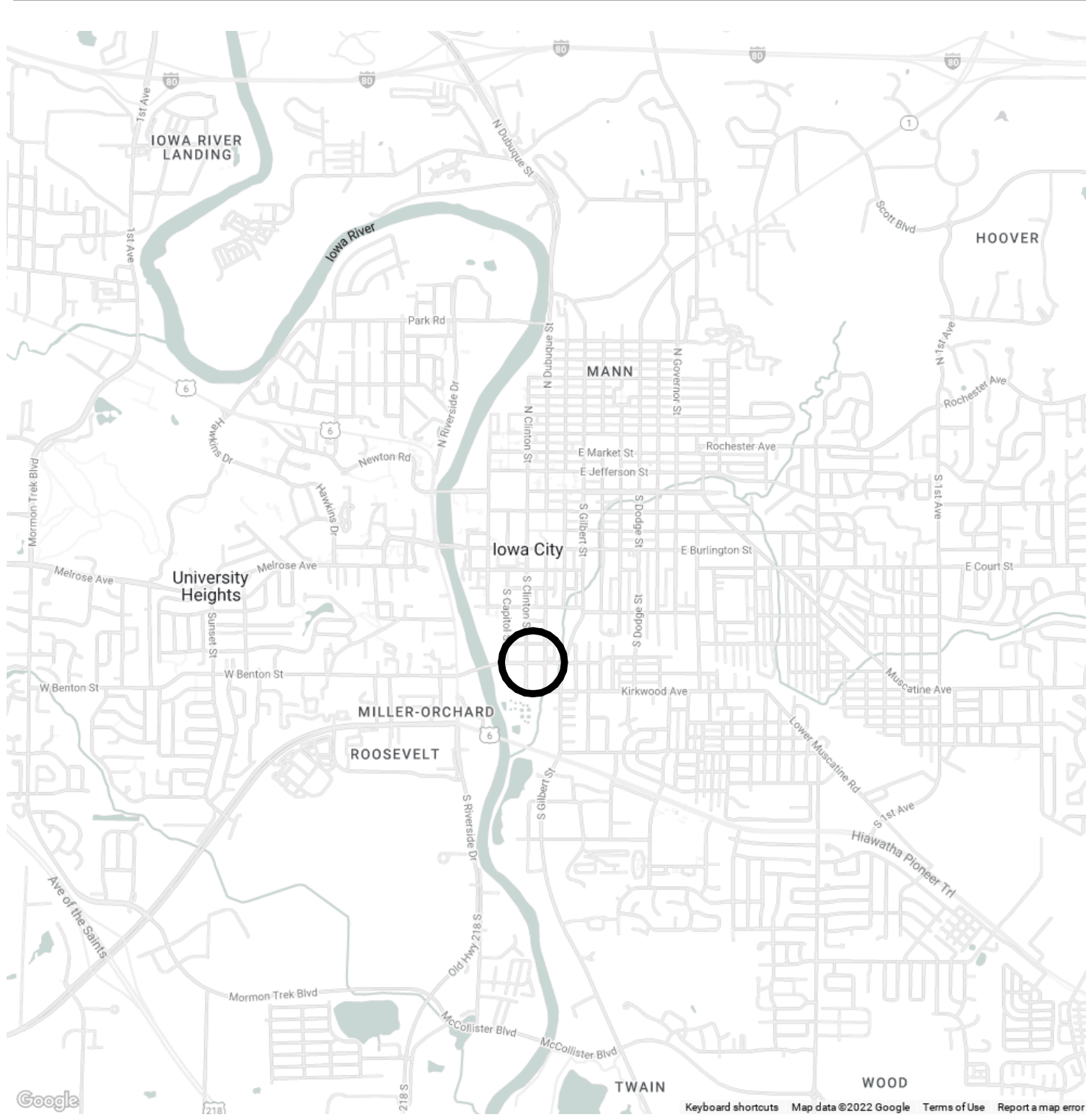
Signature:
Name: BRENT W. JACKMAN
Iowa Registration No: 18193 Renewal Date: 12/31/2024



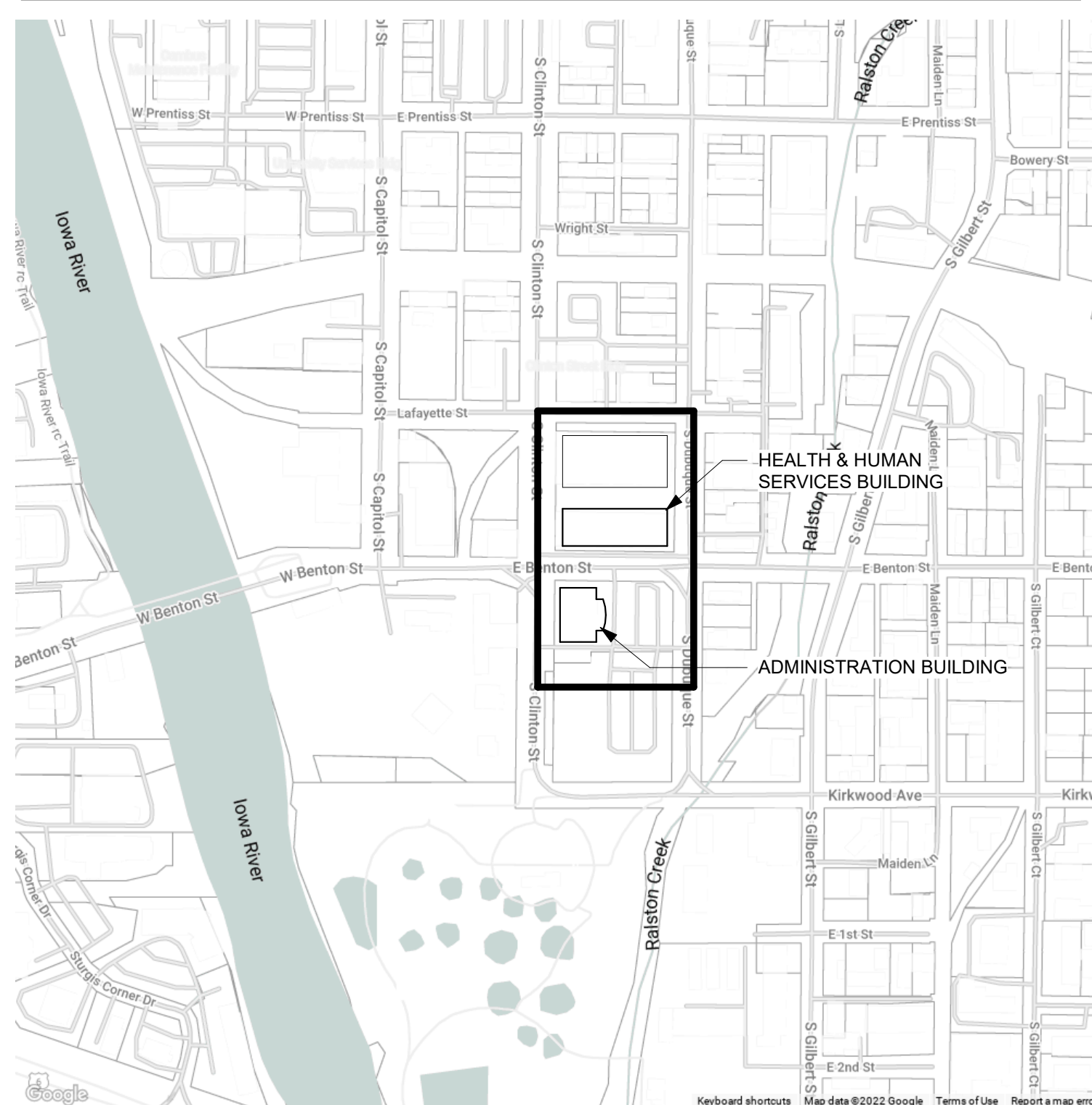
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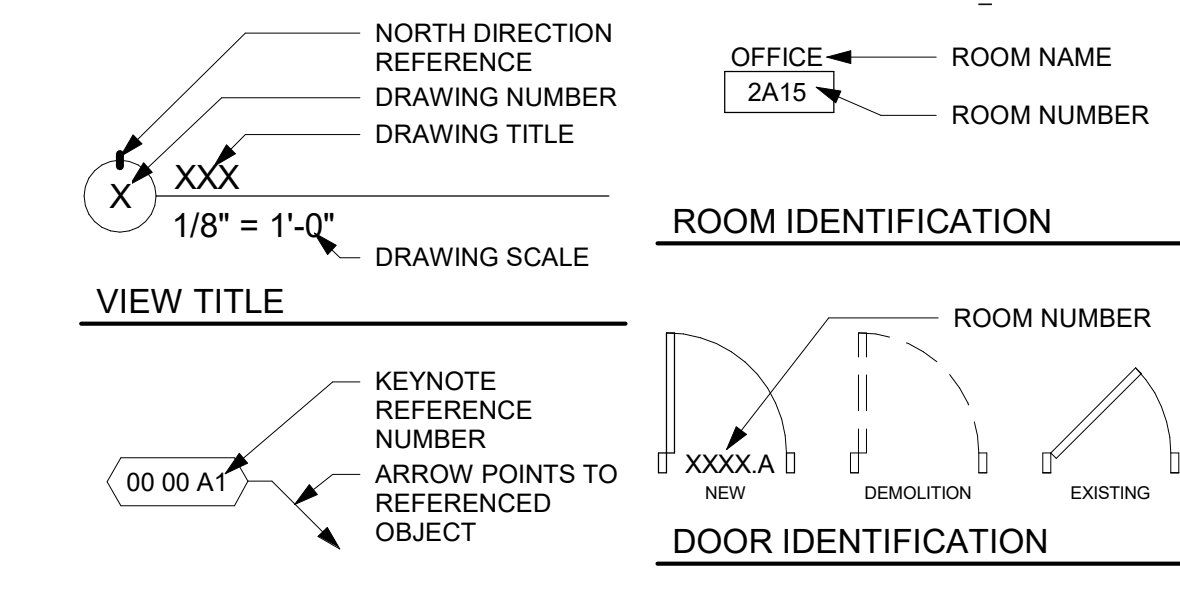
AREA MAP



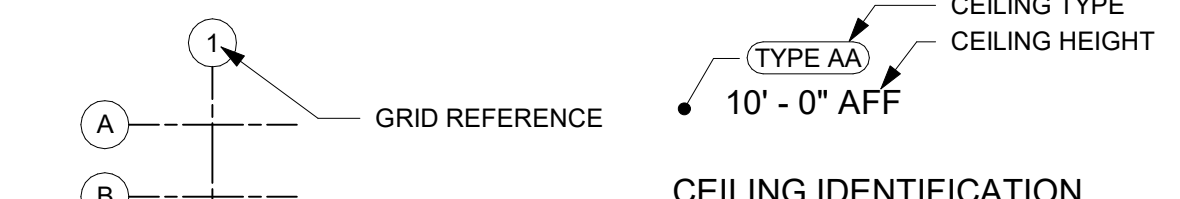
VICINITY MAP



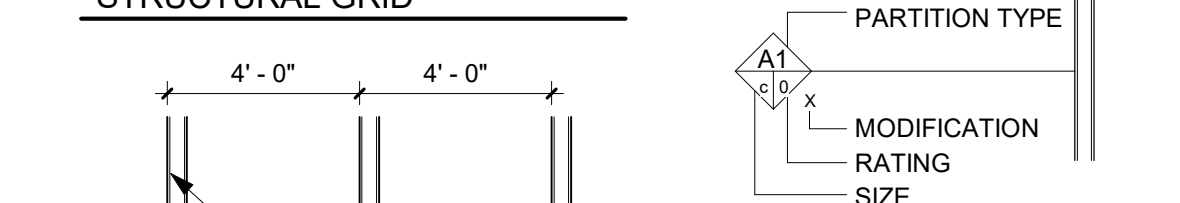
STANDARD SYMBOLS



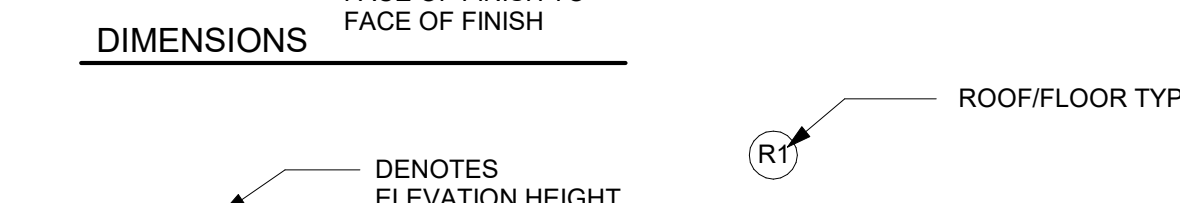
KEYNOTE REFERENCE



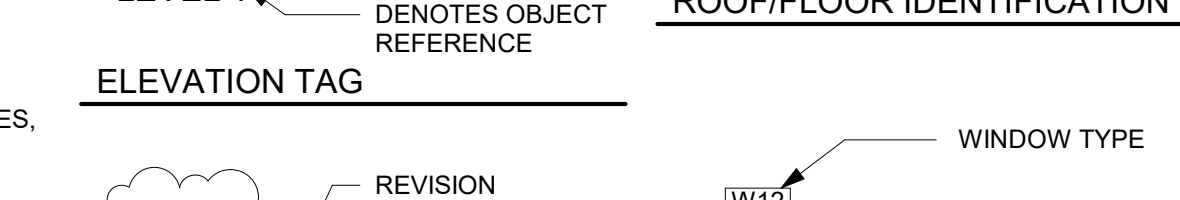
STRUCTURAL GRID



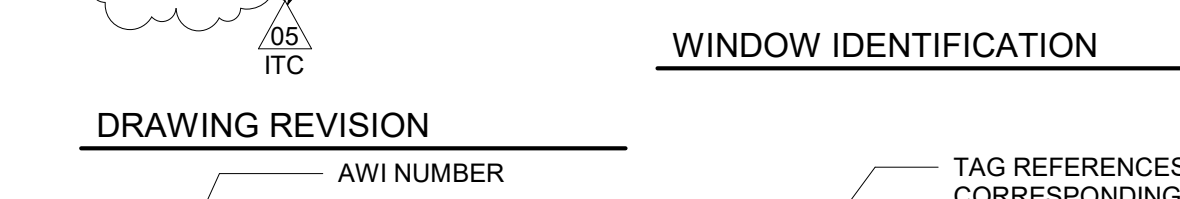
DIMENSIONS



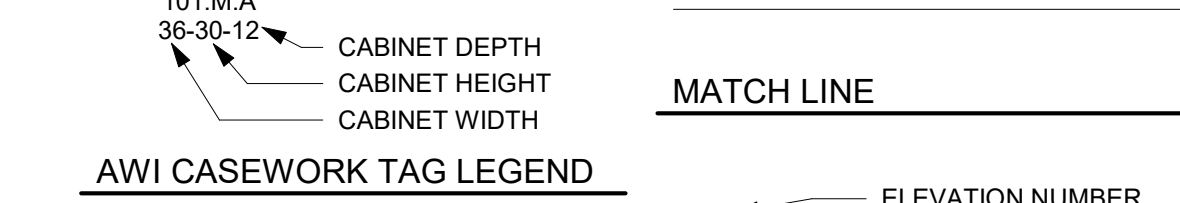
LEVEL



ELEVATION TAG



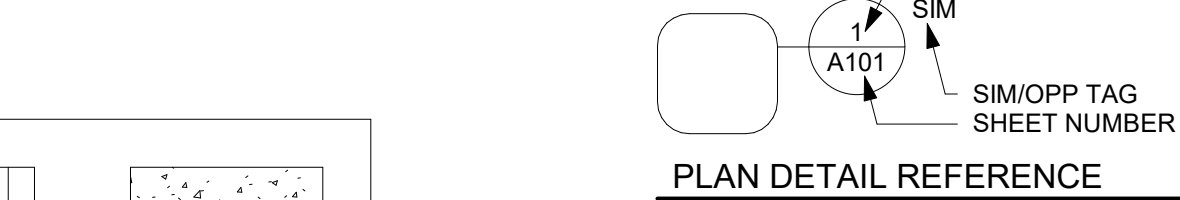
DRAWING REVISION



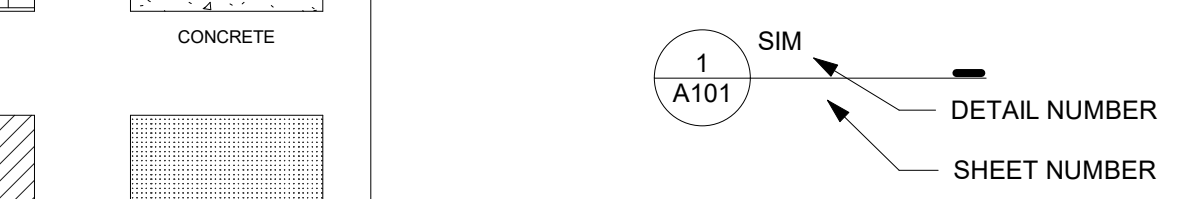
MATCH LINE



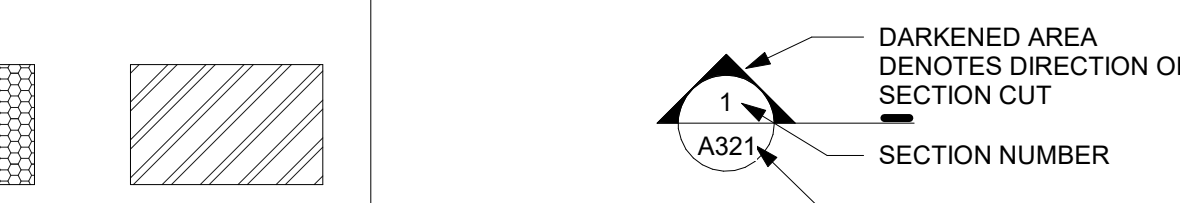
ELEVATION REFERENCE



PLAN DETAIL REFERENCE

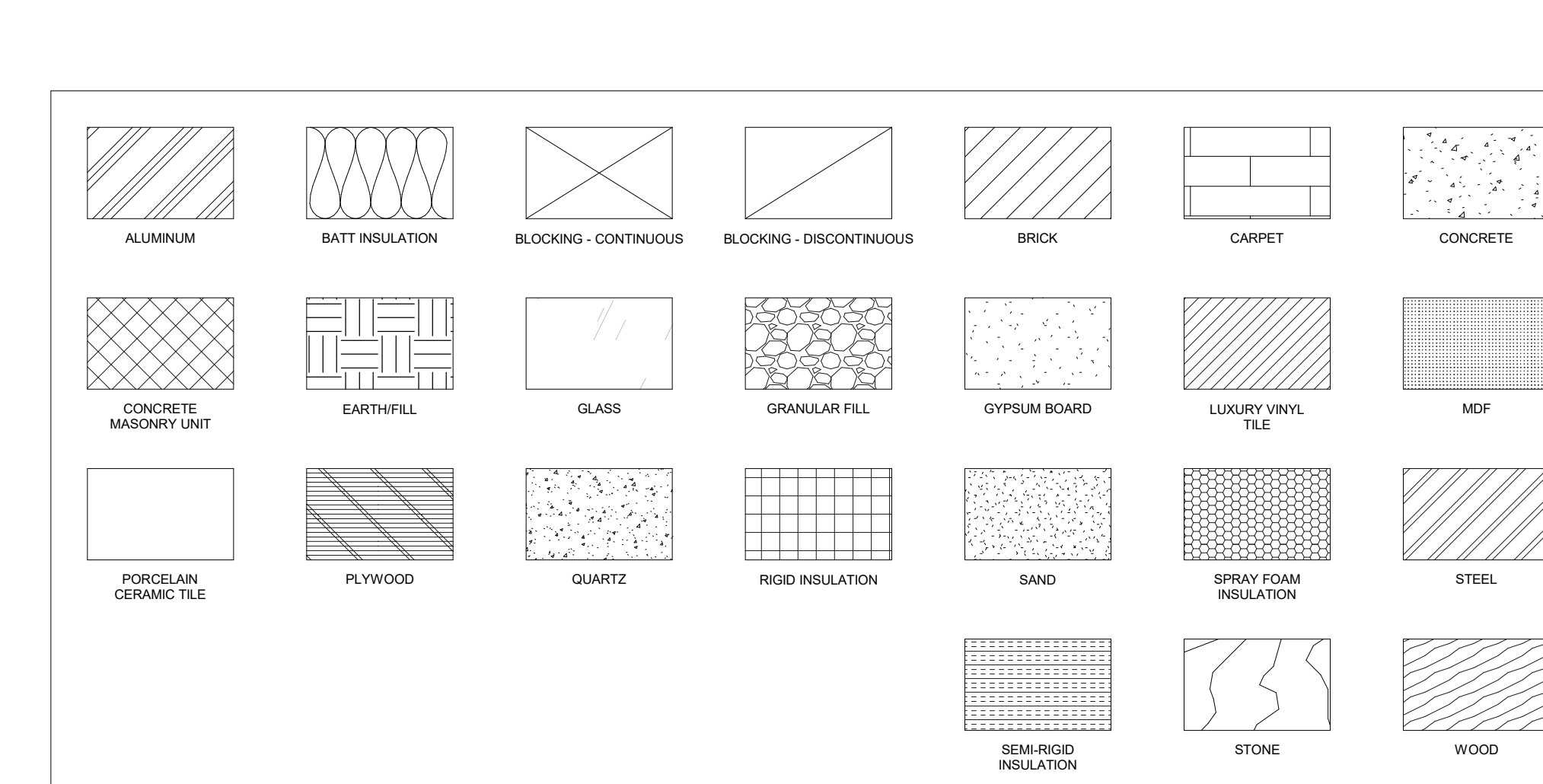


DETAIL REFERENCE



SECTION REFERENCE

STANDARD MATERIAL DEFINITIONS



REVISION

Revision	Description	Date

Johnson County, Iowa

JOHNSON COUNTY ADMINISTRATION AND HEALTH & HUMAN SERVICES BUILDINGS REMODELING PROJECT

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855 S DuBuque St,
Iowa City, IA 52240

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HHS
WATER CLOSETS
LAVATORIES
DRINKING FOUNTAINS

ADM
WATER CLOSETS
LAVATORIES
DRINKING FOUNTAINS

THE PROJECT SHALL COMPLY WITH THE FOLLOWING CODES
2018 INTERNATIONAL BUILDING CODE, AS AMENDED BY TITLE 17 OF THE IOWA CITY CODE
2018 INTERNATIONAL EXISTING BUILDING CODE
2018 INTERNATIONAL FIRE CODE, AS AMENDED BY TITLE 7 OF THE IOWA CITY CODE
2021 INTERNATIONAL MECHANICAL CODE
2021 UNIFORM PLUMBING CODE, AS AMENDED BY STATE OF IOWA IAC 641
2020 NATIONAL ELECTRICAL CODE
STATE ELEVATOR CODES
IOWA CODE CHAPTER 88A "IOWA STATE ELEVATOR CODE"
IOWA ADMINISTRATIVE CODE CH 72 "CONVEYANCES INSTALLED ON OR AFTER JANUARY 1, 1975."
ASME A17.1 (2019)
ANSI A17.1 (2017)
NFPA 70 (2017)
THE STATE HAS ADOPTED IECC 2012 "STATE BUILDING CODE—REQUIREMENTS FOR ENERGY CONSERVATION IN CONSTRUCTION," IOWA ADMINISTRATIVE CODE 661-303
THE PROJECT SHALL COMPLY WITH THE FOLLOWING FEDERAL LEGISLATION
2010 ADA STANDARDS FOR ACCESSIBLE DESIGN, TITLE II
28 CFR PART 53.151
2004 ADAAG
THE PROJECT SHALL COMPLY WITH THE FOLLOWING ZONING REQUIREMENTS
BASE ZONE: P1 (NEIGHBORHOOD PUBLIC)
OVERLAY: RIVERFRONT CROSSINGS, CENTRAL CROSSING DISTRICT & PARK DISTRICT
ADJACENT ZONING: I1, I2, C1, P2, RFC-CX
ADJACENT OVERLAY: HISTORIC DISTRICT OVERLAY
PROPOSED USE: NEIGHBORHOOD PUBLIC
DIMENSIONAL REQUIREMENTS: PER 14-2F-4 SETBACK & HEIGHT REQUIREMENTS ARE ONLY PRESCRIBED FOR PUBLIC ZONES ABUTTING OR ACROSS THE STREET FROM A RESIDENTIAL ZONE.

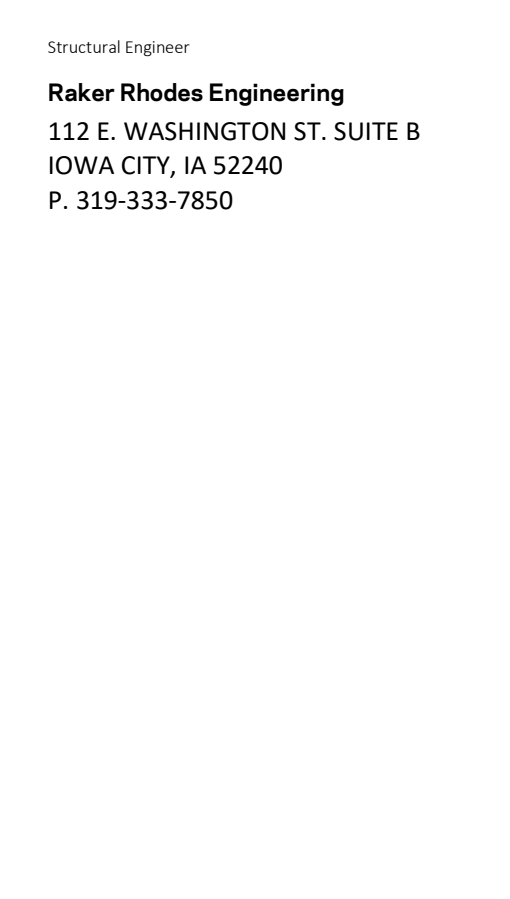
MINIMUM PLUMBING FIXTURES (IBC 2902.1)

HHS	OCC		WATER CLOSETS		LAVATORIES		DRINKING FOUNTAINS
	LOAD	MALE	MALE	FEMALE	MALE	FEMALE	
B	567	283.5	283.5	1 per 25 for the first 50 and one 50 for the remainder exceeding 50	1 per 40 for the first 30 and one 30 for the remainder exceeding 30	1 per 100	5.67
A-3	230	115	115	1 per 125	1 per 65	1 per 200	1 per 500
				0.92	1.769233	0.575	0.575
Total Required				8	9	6	7
Total Provided				17	16	12	11

ADM	OCC		WATER CLOSETS		LAVATORIES		DRINKING FOUNTAINS
	LOAD	MALE	MALE	FEMALE	MALE	FEMALE	
B	259	129.5	129.5	1 per 25 for the first 50 and one 50 for the remainder exceeding 50	1 per 40 for the first 30 and one 30 for the remainder exceeding 30	1 per 100	2.59
				3.59	2.61875	2.61875	
A-3	189	94.5	94.5	1 per 125	1 per 65	1 per 200	1 per 500
				0.756	1.453846	0.4725	0.4725
Total Required				5	6	4	3
Total Provided				11	11	5	5

ADMINISTRATION BUILDING
DECEMBER 16, 2022
PROJECT DESCRIPTION: The Administration Building is a 2-story, 30,541 GSF building built in 1986 and renovated in 2010. The building has been maintained and is in good condition; however, the current interior space configuration does not fully support the needs of the County and it will be renovated. Additionally, there are several building code and ADA deficiencies that will be corrected.
The existing central stair and elevator will be demolished and a new elevator and stair will be constructed. The existing opening that connects the two floors of the building is a two-story opening, per IBC 712.1.9. The two-story opening is not an atrium and shall not comply with provisions of 404.
The existing roof and exterior walls will remain. Two new exterior door openings will be installed on the west side of the building.
Heating and cooling systems are out of date. The existing number of mechanical zones is insufficient for occupant comfort and the entire system will be revised. The building does not have a fire suppression system and one will be added.
Most interior wall partitions and finishes will be removed and replaced with new walls, new ceilings, new floor surfaces, and modern finishes.
CODE ANALYSIS INFORMATION
Building Area (Not including Mezzanine): 30,541 SF
Mezzanine: 1,047 SF
Building Height: 50'-10"
Number of Stories: Two (see below for detailed information)
Fully Sprinkled: Yes - The existing building is not sprinklered but a fully automated sprinkler system will be added.
Fire Alarm: Yes - Equipped with emergency voice/alarm communication system
IBC Chapter 5 - Prescriptive Compliance Method
501 The project shall pursue the prescriptive compliance method
IBC Chapter 6 - Classification of Work
604.1 The work area for the project will exceed 50% of the building area. Level 3 Alterations will apply to the project.
IBC Chapter 9 - Alterations - Level 3
901.2 Work shall comply with all the requirements of Chapter 7 (Alterations Level 1), Chapter 8 (Alterations Level 2), and Chapter 9 (Alterations Level 3).
IBC Chapter 3 - Use and Occupancy Classification
Occupancy Group:
B: (Primary) Office
A-3: (Accessory) Assembly lobby considered an accessory space
IBC Chapter 4 - Special Detailed Requirements Based on Use and Occupancy
414 Hazardous Materials
414.2.5 Building designed with the intent that the owner storage does not exceed the allowable amount of any hazardous material per Table 414.2.5
IBC Chapter 5 - General Building Heights and Areas
Occupancy Group B
Building Height: 50'-10" (75'-0" max per IBC Table 504.3)
Number of Stories: 2 (4 max per IBC Table 504.4)
Building Area: 30,541 GSF
Allowable Area Calculations
Unlimited per section 507
507 Unlimited Area Buildings
507.5 The area of a Group B, F, M or S building no more than two stories above grade plane shall not be limited where the building is equipped throughout with an automatic sprinkler system in accordance with Section 903.3.3.1 and is surrounded and adjointed by public ways or yards not less than 60 feet in width.
508 Mixed Use and Occupancy
508.3 Nonseparated occupancies: Buildings or portions of buildings that comply with the provisions of this section shall be considered as nonseparated occupancies.
IBC Chapter 6 - Types of Construction
Construction Classification: Type IB
Table 601 Fire Resistance Rating Required
Primary Structural Frame 0 HR
Bearing Walls 0 HR
Nonbearing Wall and Partition (Exterior) 0 HR
Nonbearing Wall and Partitions (Interior) 0 HR
Floor Construction and Secondary Members 0 HR
Roof Construction and Secondary Members 0 HR
IBC Chapter 7 - Fire and Smoke Protection Features
705 Exterior Walls
705.2.1 Projections from walls of Type I or II construction shall be of noncombustible materials or combustible materials as allowed by Sections 705.2.3.1 and 705.2.4
Table 705.5 Fire Resistive Rating for Exterior Walls based on Fire Construction
Fire Separation Distance is greater than 30 FT = 0 HR
705.11 Parapets shall be provided on exterior walls of buildings.
Exception 1: The wall is not required to be fire-resistance rated in accordance with Table 602 because of fire separation distance.
705.8 Openings in exterior walls shall comply with Sections 705.8.1 through 705.8.6
713 Shaft Enclosures
713.4 Shaft enclosures shall have a fire-resistance rating of not less than 2 hours where connecting four stories or more, and not less than 1 hour where connecting less than four stories. The number of stories connected by the shaft enclosure shall include any basements but not any mezzanines.
Shaft enclosures shall have a fire-resistance rating not less than the floor assembly penetrated, but need not exceed 2 hours. Shaft enclosures shall meet the requirements of Section 703.2.1.
713.14 Elevator, dumbwaiter and other hoistway enclosures shall be constructed in accordance with Section 713 and Chapter 30.
*3002.1 Elevator, dumbwaiter and other hoistway enclosures shall be shaft enclosures complying with Section 713.
712 Vertical Openings
712.1.9 Two-story openings shall be permitted in compliance with section 712.9
IBC Chapter 9 - Fire Protection Systems
903 Automatic Sprinkler Systems Required/Provided
906 Portable Fire Extinguishers Required/Provided
IBC Chapter 10 - Means of Egress
1004 Occupant Load (See Building Occupant Load Calculations for details)
Occupant Load Factors, sq ft/person 1004.5
Storage 300 gross
Concentrated Assembly 7 net
Unconcentrated Assembly 7 net
Exercise Rooms 15 net
Business Areas 150 gross
1005 Means of Egress Sizing
Sprinklered building with an emergency voice / alarm system:
Stairs 2"/Occupant (1005.3.1 Exception 1)
Other Elements 15"/Occupant (1005.3.2 Exception 1)
1006 Number of Exits and Exit Access Doorways
Common Path of Egress Travel Distance shall not exceed 100 ft in Group B (With Sprinkler System) 106.2.1
Minimum exits per story shall be two for occupant loads of 1-500
1017 Exit Access Travel Distance
Exit access travel distance shall not exceed 300 feet for B occupancy, sprinklered building (Table 1017.2)
IBC Chapter 31 - Pedestrian Walkways and Tunnels
3104.5.2 Alternative Separation
The building has an existing pedestrian walkway between the Admin and HHS building on Level 2. The walkway connects two buildings that are more than 10 feet away and is equipped with an automatic sprinkler system.
Iowa Administrative Code, Chapter 16, Division VII - Accessibility Requirements For Facilities Used by the General Public
Accessibility within the building will be maintained.
Plumbing Fixture Requirements per 2015 Uniform Plumbing Code (UPC)
Refer to plumbing fixture calculations

HEALTH AND HUMAN SCIENCES BUILDING (HHS)
APRIL 27, 2023
PROJECT DESCRIPTION: The HHS project is a 3 story, 83,823 SF building built in 2010. The existing Level 3 is a shell space that is currently being utilized as a fitness area, storage and election activities and will be built out in two phases. Phase 1 will include minimal improvements to serve as an employee swing space for the occupant of the Admin Building while it is being renovated. Phase 2 will include fit out of the western side of the floor plate for the Board of Supervisors Board Room and Offices.
CODE ANALYSIS INFORMATION
Building Area 83,823 SF
Building Height: 45'-0"
Number of Stories: Three (see below for detailed information)
Fully Sprinkled: Yes - Equipped with fully automated sprinkler system
Fire Alarm: Yes - Equipped with emergency voice/alarm communication system
IBC Chapter 5 - Prescriptive Compliance Method
501 The project shall pursue the prescriptive compliance method
IBC Chapter 6 - Classification of Work
604.1 The work area will be limited to part of Level 3. Alteration Level 2 will apply to the project.
IBC Chapter 8 - Alterations - Level 2
901.2 Work shall comply with all the requirements of Chapter 7 (Alterations Level 1) and Chapter 8 (Alterations Level 2)
IBC Chapter 3 - Use and Occupancy Classification
Occupancy Group:
B: (Primary) Office
A-3: (Accessory) Assembly Board Room.
IBC Chapter 4 - Special Detailed Requirements Based on Use and Occupancy
414 Hazardous Materials
414.2.5 Building designed with the intent that the owner storage does not exceed the allowable amount of any hazardous material per Table 414.2.5
IBC Chapter 5 - General Building Heights and Areas
Occupancy Group B
Building Height: 45'-0" (75'-0" max per IBC Table 504.3)
Number of Stories: 3 (4 max per IBC Table 504.4)
Building Area: 83,823 GSF
Allowable Area Calculations
Allowable Tabular area is 69,000 SF per story for B occupancy sprinklered building and for accessory occupancies
IBC Section 506 (no area increase is taken due to frontage)
Allowable Area: 69,000 X 3 (Stories) = 207,000
Allowable Area per story 69,000 SF
508 Mixed Use and Occupancy
508.3 Accessory Occupancies: Buildings or portions of buildings that comply with the provisions of this section shall be considered as Accessory occupancies
IBC Chapter 6 - Types of Construction
Construction Classification: Type IB
Table 601 Fire Resistance Rating Required
Primary Structural Frame 0 HR
Bearing Walls 0 HR
Nonbearing Wall and Partition (Exterior) 0 HR
Nonbearing Wall and Partitions (Interior) 0 HR
Floor Construction and Secondary Members 0 HR
Roof Construction and Secondary Members 0 HR
IBC Chapter 7 - Fire and Smoke Protection Features
713 Shaft Enclosures
713.4 Shaft enclosures shall have a fire-resistance rating of not less than 2 hours where connecting four stories or more, and not less than 1 hour where connecting less than four stories. The number of stories connected by the shaft enclosure shall include any basements but not any mezzanines.
Shaft enclosures shall have a fire-resistance rating not less than the floor assembly penetrated, but need not exceed 2 hours. Shaft enclosures shall meet the requirements of Section 703.2.1.
IBC Chapter 9 - Fire Protection Systems
903 Automatic Sprinkler Systems Required/Provided
906 Portable Fire Extinguishers Required/Provided
IBC Chapter 10 - Means of Egress
1004 Occupant Load (See Building Occupant Load Calculations for details)
Occupant Load Factors, sq ft/person 1004.5
Storage 300 gross
Concentrated Assembly 7 net
Unconcentrated Assembly 7 net
Exercise Rooms 15 net
Business Areas 150 gross
1005 Means of Egress Sizing
Sprinklered building with an emergency voice / alarm system:
Stairs 2"/Occupant (1005.3.1 Exception 1)
Other Elements 15"/Occupant (1005.3.2 Exception 1)
1006 Number of Exits and Exit Access Doorways
Common Path of Egress Travel Distance shall not exceed 100 ft in Group B (With Sprinkler System) 106.2.1
Minimum exits per story shall be two for occupant loads of 1-500
1017 Exit Access Travel Distance
Exit access travel distance shall not exceed 300 feet for B occupancy, sprinklered building (Table 1017.2)
IBC Chapter 31 - Pedestrian Walkways and Tunnels
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The building has an existing pedestrian walkway between the Admin and HHS building on Level 2. The walkway connects two buildings that are more than 10 feet away and is equipped with an automatic sprinkler system.
Iowa Administrative Code, Chapter 16, Division VII - Accessibility Requirements For Facilities Used by the General Public
Accessibility within the building will be maintained.
Plumbing Fixture Requirements per 2015 Uniform Plumbing Code (UPC)
Refer to plumbing fixture calculations



Revision Description Date

Revision	Description	Date

GENERAL NOTES
1. REFER TO WALL TYPES FOR UL RATED ASSEMBLIES

CODE PLAN LEGEND
--- 2 HR FIRE BARRIER
--- 1 HR FIRE BARRIER
--- EXIT PATH
♿ ACCESSIBLE ENTRANCE
▶ EGRESS POINT

EGRESS CAPACITY
1200# MARK
50 OCCUPANT LOAD
150 MAX OCCUPANT LOAD
33.33 EGRESS WIDTH (INCH)
AREA TAG
AREA NAME
OCCUPANCY TYPE
AREA SQUARE FEET
CALCULATED OCCUPANTS
OCCUPANT LOAD FACTOR

OCCUPANT LOAD FACTOR
1:7 NET
1:15 NET
1:30 NET
1:40 NET
1:50 NET
1:150 GROSS
1:300 GROSS

OCCUPANCY LOAD - IHS TEMPORARY

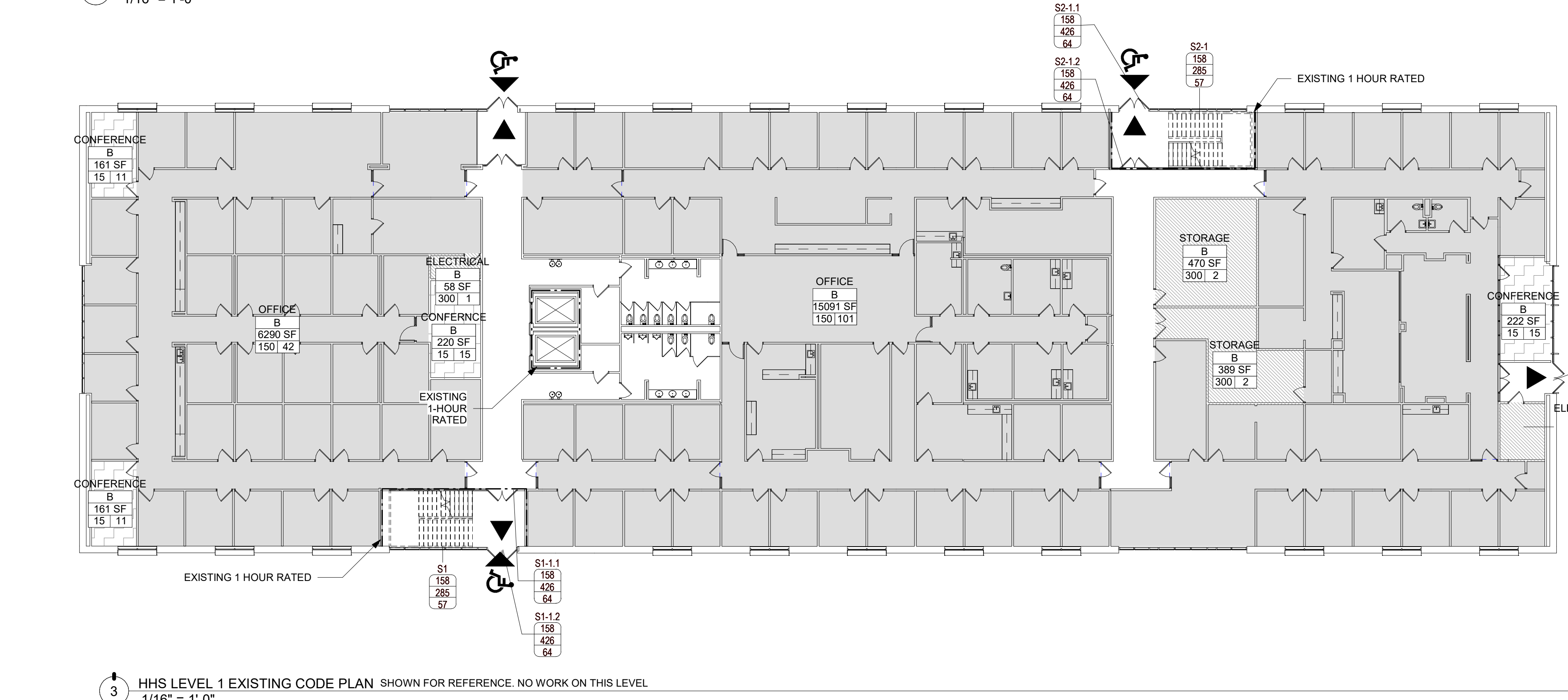
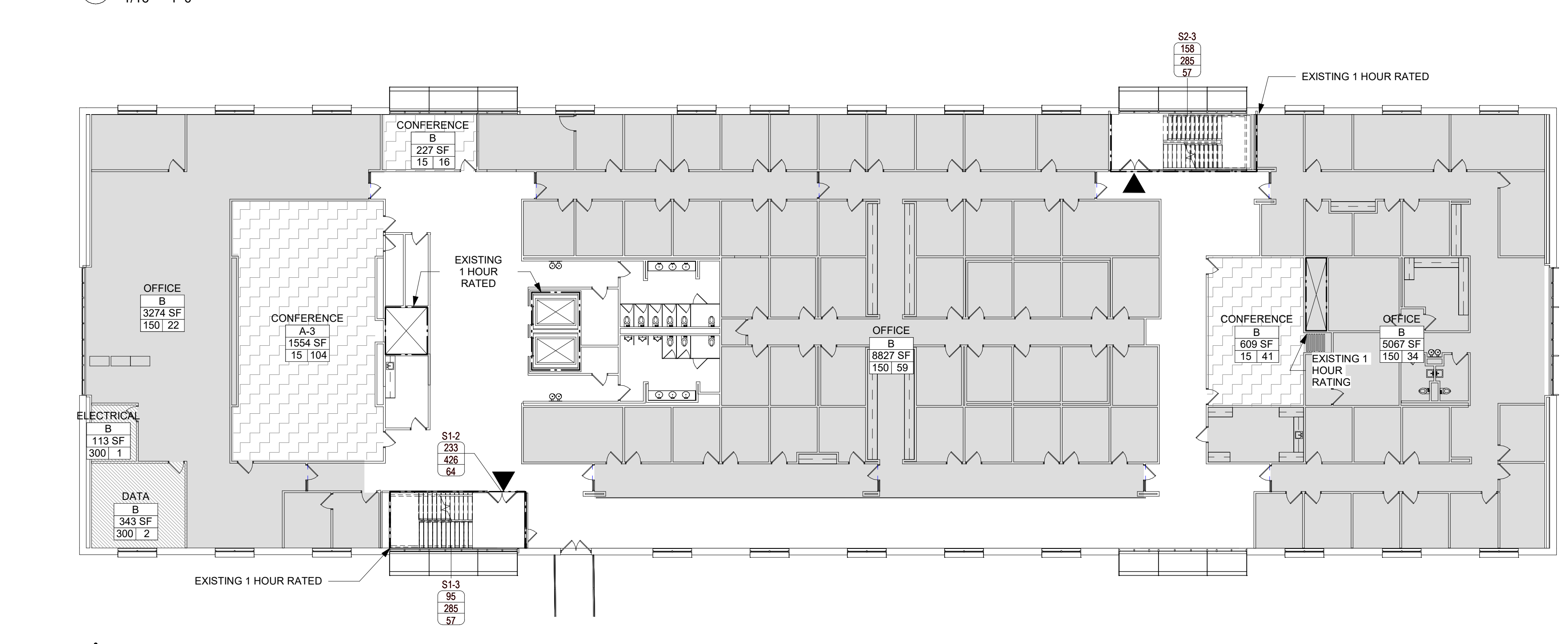
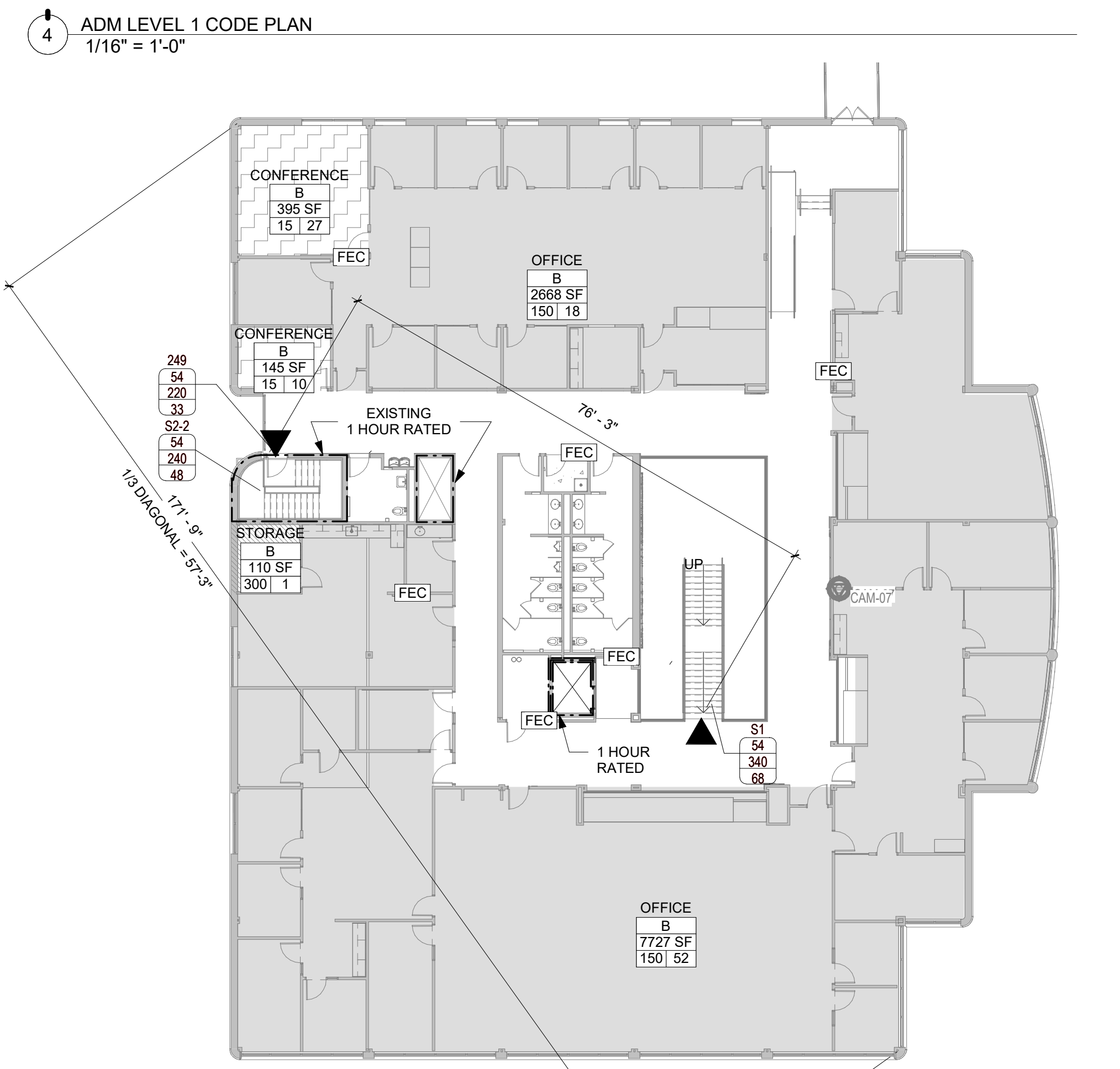
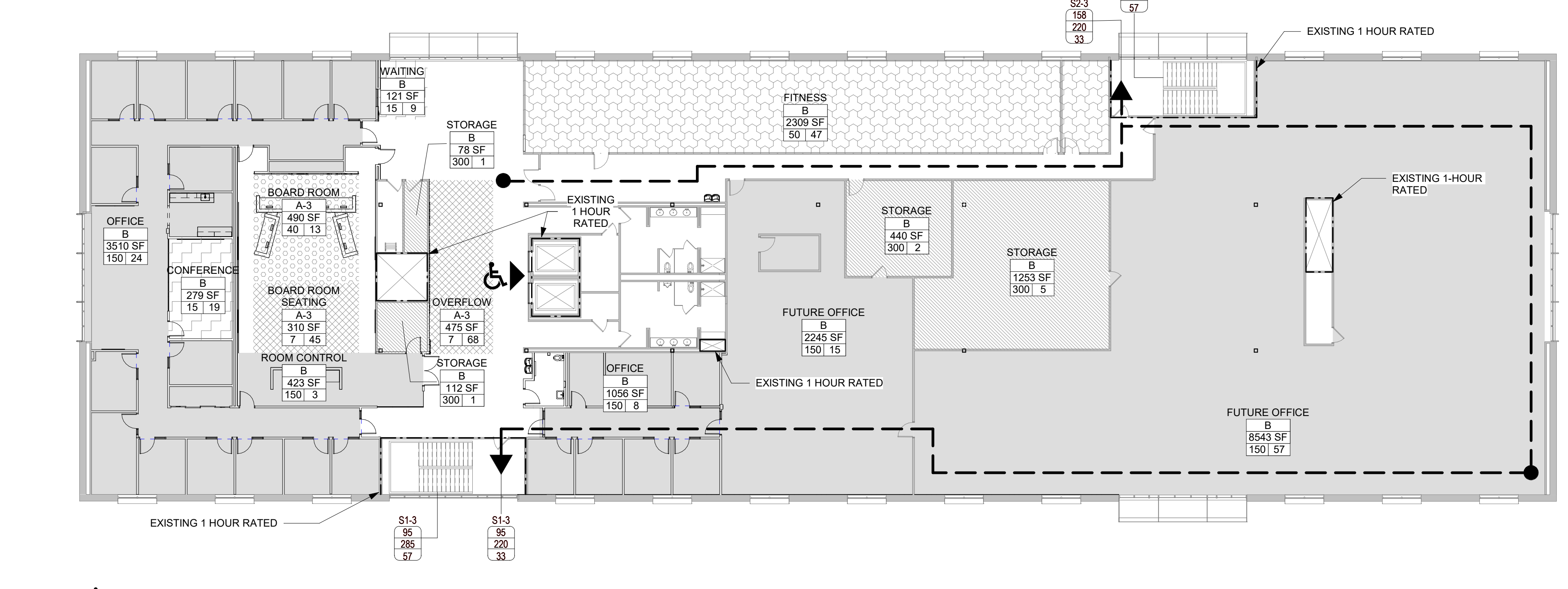
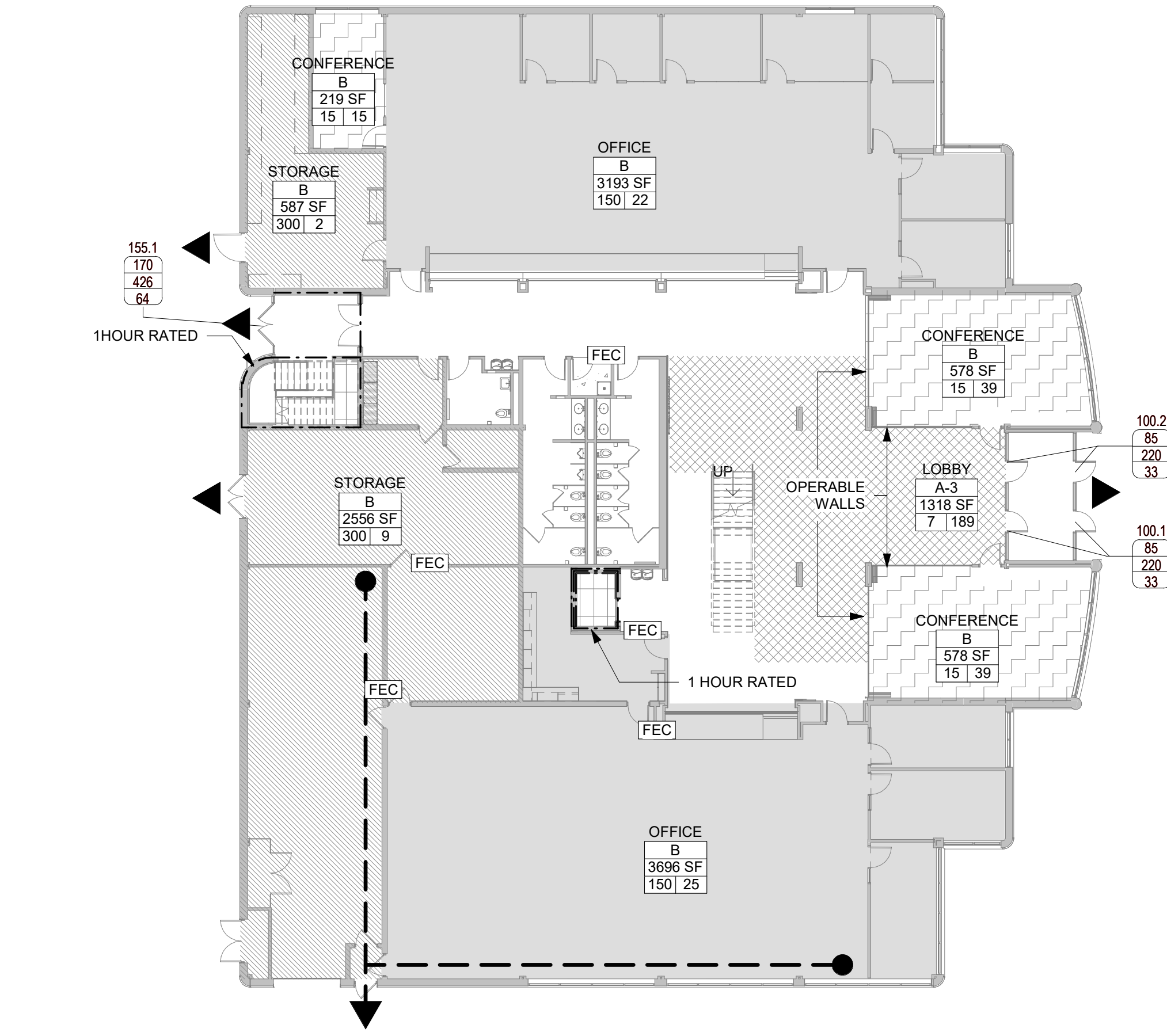
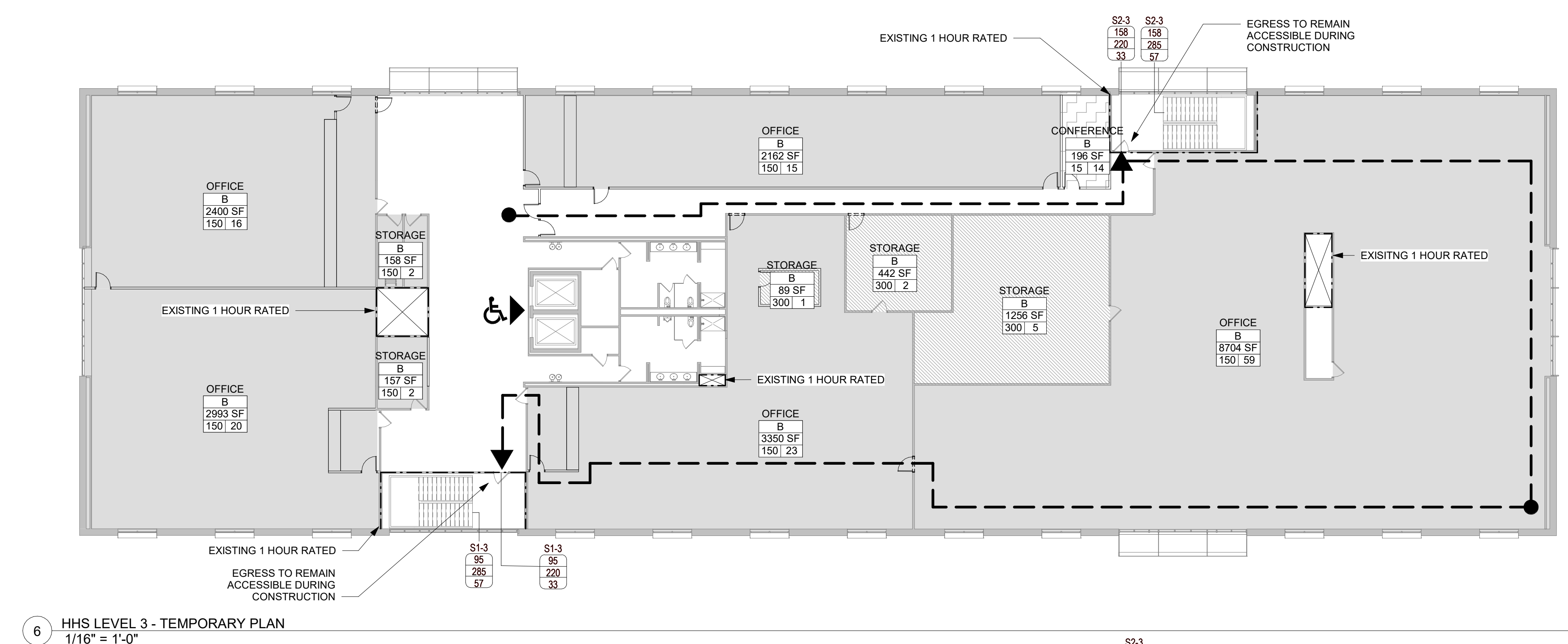
Name	Area	Occupancy Group	Occupant Load Factor	Area Occupants
OFFICE	2399.53 SF	B	150	16
OFFICE	2993.39 SF	B	150	20
OFFICE	2161.90 SF	B	150	15
STORAGE	1266.20 SF	B	300	5
OFFICE	442.08 SF	B	300	1
OFFICE	3349.88 SF	B	150	23
STORAGE	89.39 SF	B	300	1
OFFICE	8763.95 SF	B	150	59
STORAGE	156.83 SF	B	150	2
STORAGE	158.40 SF	B	150	2
CONFERENCE	196.38 SF	B	15	13
TOTAL OCCUPANTS				159

OCCUPANCY LOAD - IHS

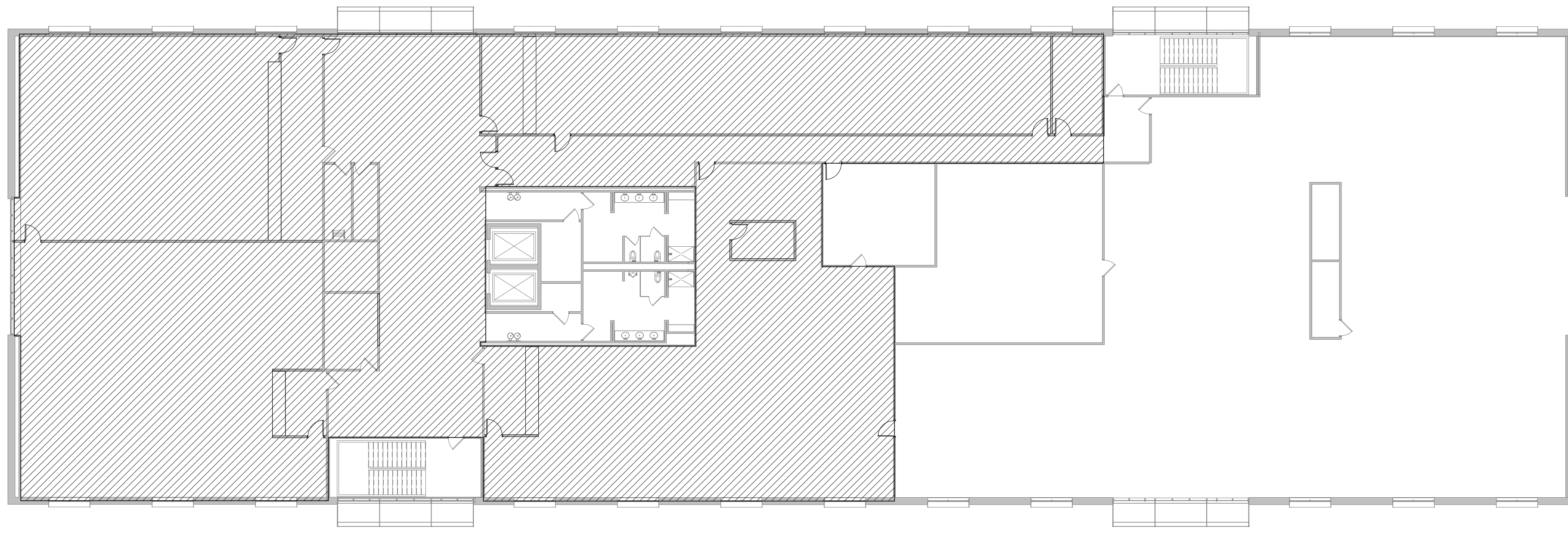
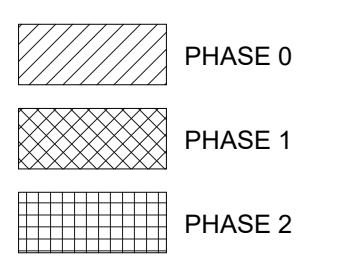
Name	Area	Occupancy Group	O.L.F.	Area Occupants
IHS LEVEL 1				
OFFICE	6290.43 SF	B	150	42
CONFERENCE	220.46 SF	B	15	15
OFFICE	15990.72 SF	B	150	101
CONFERENCE	223.39 SF	B	15	15
ELECTRICAL ROOM	112.92 SF	B	300	1
ELECTRICAL	57.94 SF	B	300	1
CONFERENCE	160.76 SF	B	15	11
CONFERENCE	160.76 SF	B	15	11
STORAGE	470.16 SF	B	300	2
STORAGE	388.59 SF	B	300	2
B. 10				201
IHS LEVEL 1				201
IHS LEVEL 2				
CONFERENCE	1554.32 SF	A-3	15	104
A-3-1				104
OFFICE	3274.05 SF	B	150	22
OFFICE	8827.36 SF	B	150	59
DATA	342.72 SF	B	300	2
ELECTRICAL	112.86 SF	B	300	1
CONFERENCE	227.00 SF	B	15	16
OFFICE	5067.01 SF	B	150	34
CONFERENCE	609.06 SF	B	15	41
B. 7				175
IHS LEVEL 2				279
IHS LEVEL 3				
BOARD ROOM	489.97 SF	A-3	40	13
BOARD ROOM SEATING	310.36 SF	A-3	7	45
OVERFLOW	475.31 SF	A-3	7	68
A-3-3				128
OFFICE	3509.76 SF	B	150	24
CONFERENCE	278.66 SF	B	15	19
STORAGE	112.23 SF	B	300	1
STORAGE	76.48 SF	B	300	1
ROOM CONTROL	423.27 SF	B	150	3
WAITING	120.54 SF	B	15	9
OFFICE	1096.33 SF	B	150	8
FITNESS	2909.00 SF	B	60	47
FUTURE OFFICE	2245.44 SF	B	150	15
STORAGE	440.00 SF	B	300	2
STORAGE	1353.19 SF	B	300	5
FUTURE OFFICE	8543.34 SF	B	150	57
B. 12				191
IHS LEVEL 3				317
TOTAL OCCUPANTS				797

OCCUPANCY LOAD - ADM

Name	Area	Occupancy Group	O.L.F.	Area Occupants
ADM LEVEL 1				
LOBBY	1318.37 SF	A-3	7	189
A-3-1				189
OFFICE	3192.63 SF	B	150	22
OFFICE	3906.53 SF	B	150	26
CONFERENCE	576.07 SF	B	15	39
CONFERENCE	577.56 SF	B	15	39
STORAGE	2525.92 SF	B	300	9
CONFERENCE	219.05 SF	B	15	15
STORAGE	586.52 SF	B	300	2
B. 7				151
ADM LEVEL 1				340
ADM LEVEL 2				
OFFICE	7727.43 SF	B	150	52
OFFICE	2668.35 SF	B	150	18
STORAGE	190.74 SF	B	300	1
CONFERENCE	395.30 SF	B	15	27
CONFERENCE	144.89 SF	B	15	10
B. 5				108
ADM LEVEL 2				108
TOTAL OCCUPANTS				448

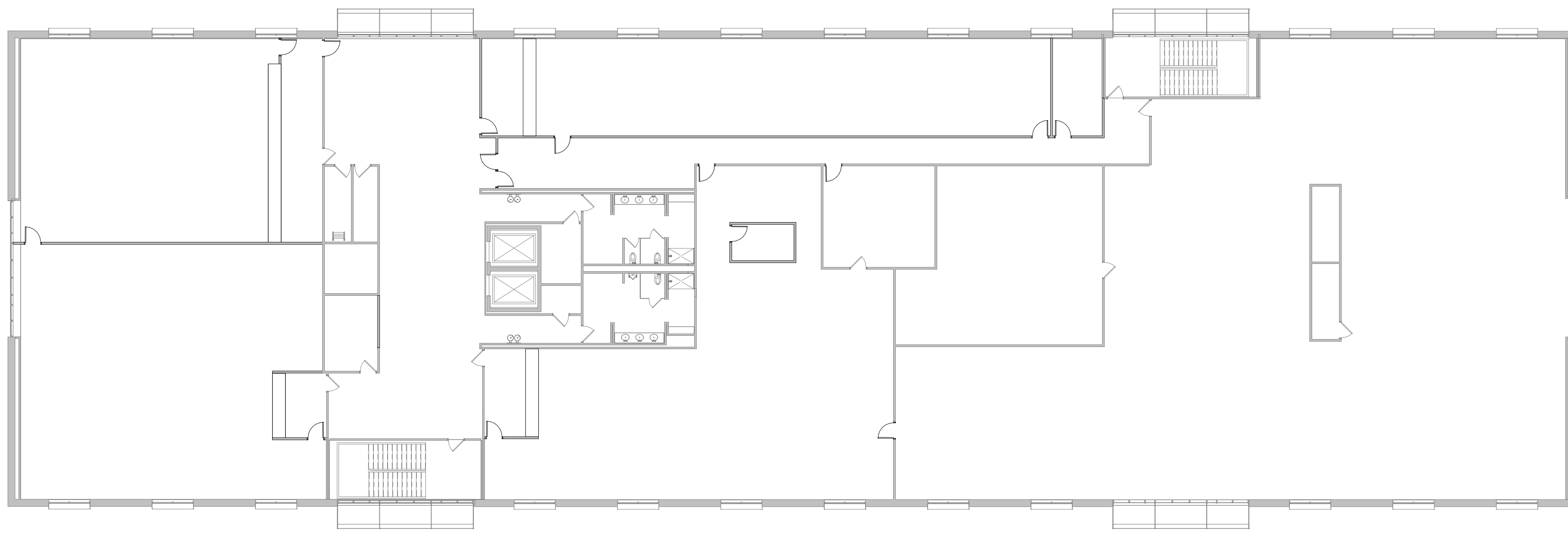


Revision Description Date



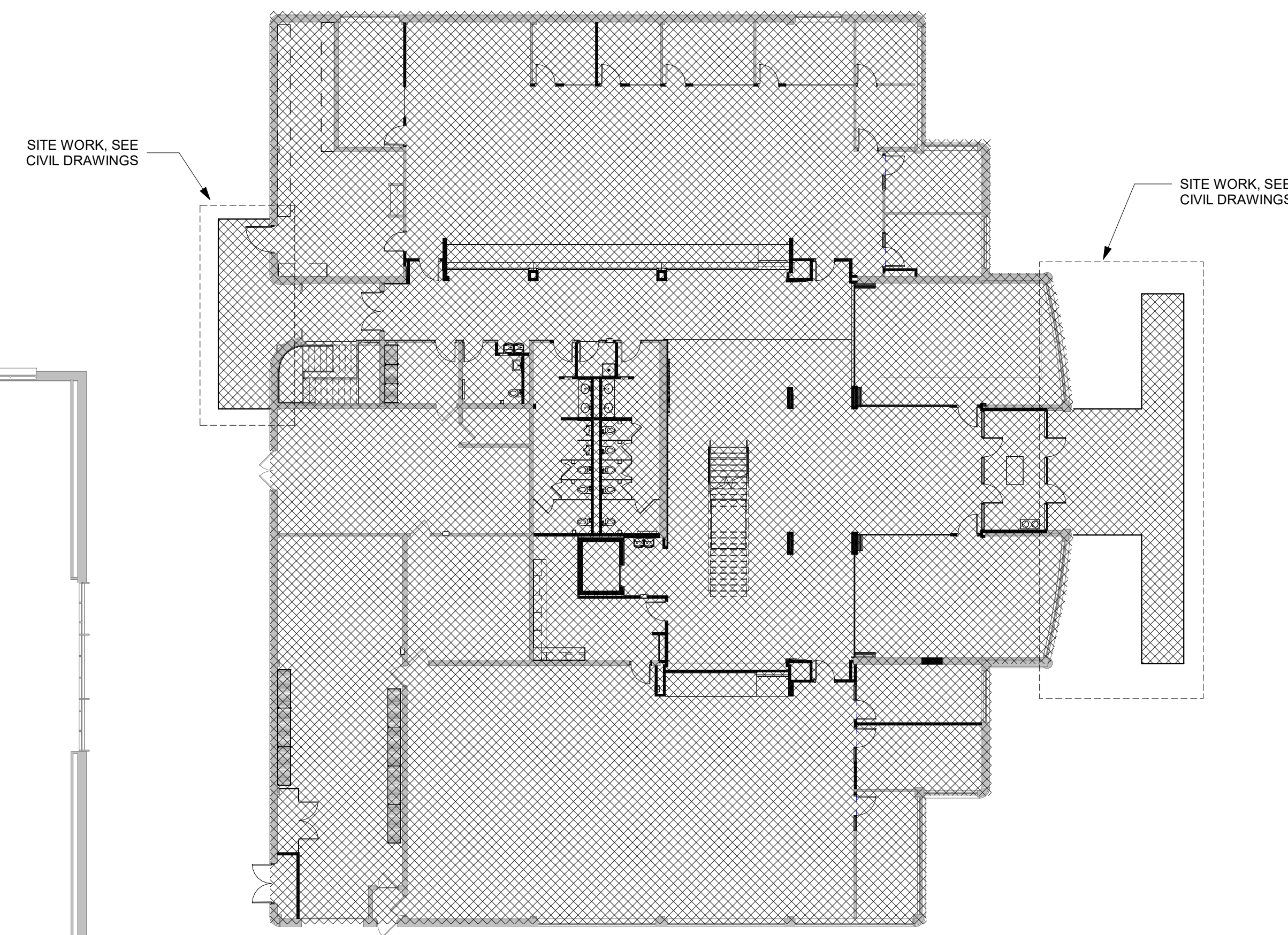
5 HHS - LEVEL 3 FLOORPLAN - UNDER CONSTRUCTION
1/16" = 1'-0"

PHASE 0 (08-01-2023 thru 10-23-2023)

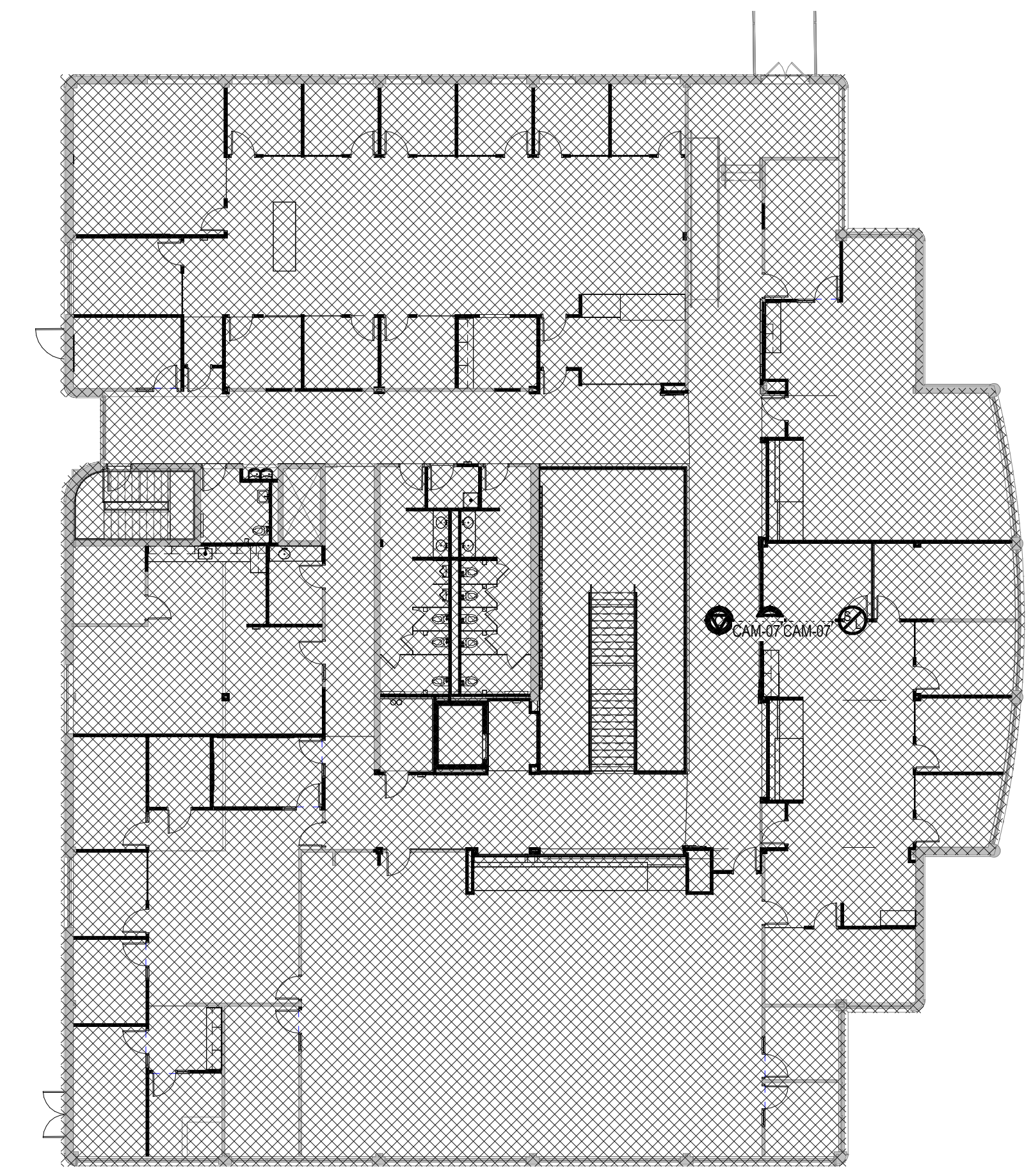


6 HHS - LEVEL 3 FLOOR PLAN - NEW SWING SPACE OCCUPIED
1/16" = 1'-0"

PHASE 1 (11-13-2023 thru 07-16-2024)



2 ADM - LEVEL 1 FLOOR PLAN - UNDER CONSTRUCTION
1/16" = 1'-0"

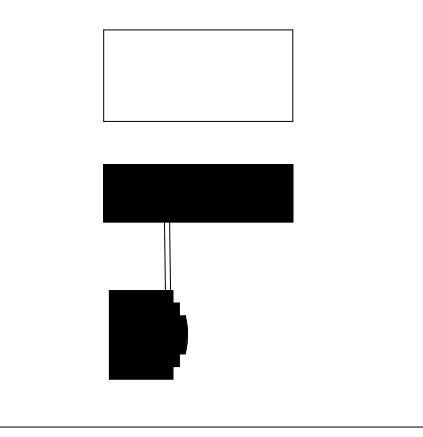


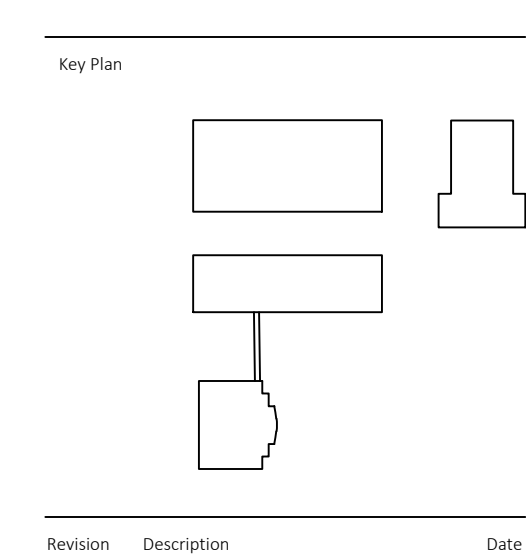
3 ADM - LEVEL 2 FLOOR PLAN - UNDER CONSTRUCTION
1/16" = 1'-0"



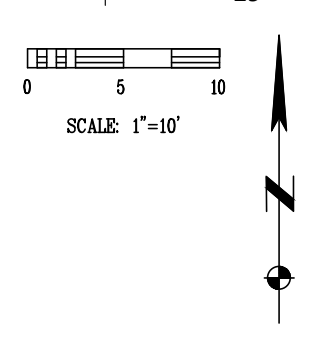
10 HHS - LEVEL 3 FLOOR PLAN - UNDER CONSTRUCTION
1/16" = 1'-0"

PHASE 2 (07-31-2024 thru 01-29-2025)





Revision	Description	Date

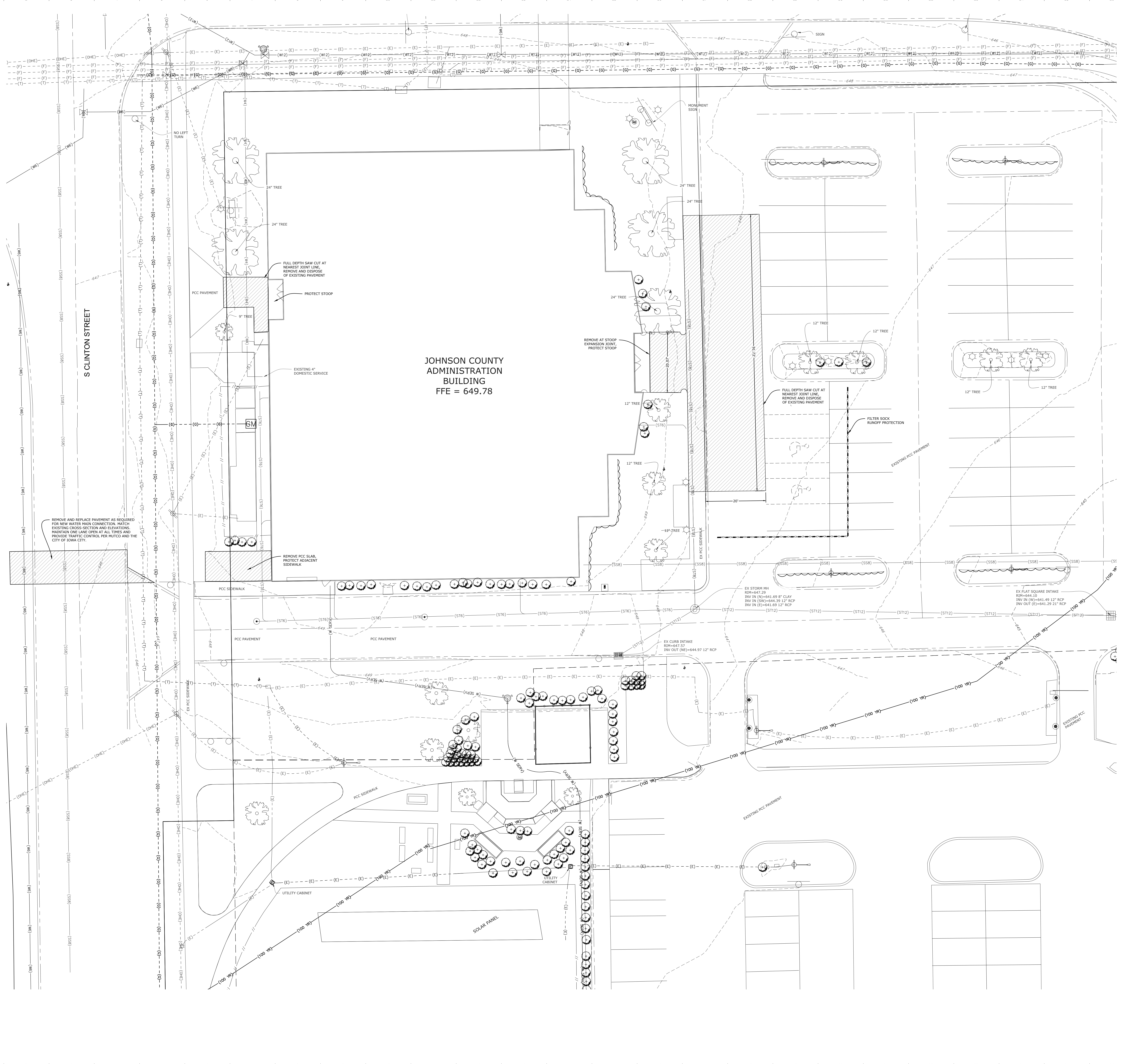


REMOVAL LEGEND

- PAVEMENT REMOVAL LIMITS. INCLUDES PCC PAVEMENT, CURB AND GUTTER, AND SIDEWALK. SAW CUT FULL DEPTH AT NEAREST JOINTLINE.
- REMOVE AND STOCKPILE EXISTING SUBGRADE MATERIAL IF OBTAINABLE. PROVIDE SUBGRADE PREPARATION IN ALL AREAS TO BE PAVED.
- FILTER SOCK

REMOVAL NOTES

1. AFTER REMOVAL OF PCC PAVEMENTS, WALKS AND SUBBASE, REFER TO GRADING NOTES PRIOR TO PERFORMING EXCAVATION AND GRADING UNDER PROPOSED PAVEMENTS.



JOHNSON COUNTY ADMINISTRATION BUILDING
 FFE = 649.78

S CLINTON STREET

REMOVE AND REPLACE PAVEMENT AS REQUIRED FOR NEW WATER MAIN CONNECTION. MATCH EXISTING CROSS-SECTION AND ELEVATIONS. MAINTAIN ONE LANE OPEN AT ALL TIMES AND PROVIDE TRAFFIC CONTROL PER MUTCO AND THE CITY OF IOWA CITY.

FULL DEPTH SAW CUT AT NEAREST JOINT LINE. REMOVE AND DISPOSE OF EXISTING PAVEMENT

EXISTING 4" DOMESTIC SERVICE

REMOVE PCC SLAB. PROTECT ADJACENT SIDEWALK

REMOVE AT STOOP EXPANSION ZONE. PROTECT STOOP

FULL DEPTH SAW CUT AT NEAREST JOINT LINE. REMOVE AND DISPOSE OF EXISTING PAVEMENT

FILTER SOCK RUNOFF PROTECTION

EX STORM MH
 RM=647.25
 INV IN (N)=641.69 8" CLAY
 INV IN (SW)=644.39 12" RCP
 INV IN (E)=641.69 12" RCP

EX FLAT SQUARE INTAKE
 RM=644.10
 INV IN (W)=641.49 12" RCP
 INV IN (E)=644.29 24" RCP

EX CURB INTAKE
 RM=647.27
 INV OUT (NE)=644.97 12" RCP

UTILITY CABINET

SOLAR PANEL

PROPOSED LEGEND

	6" PCC PAVEMENT ON 6" MODIFIED SUBBASE
	5" PCC SIDEWALK ON 4" MODIFIED SUBBASE
	ADA ACCESSIBLE RAMP
	6" STANDARD CURB
	NO CURB, EDGE OF PAVEMENT

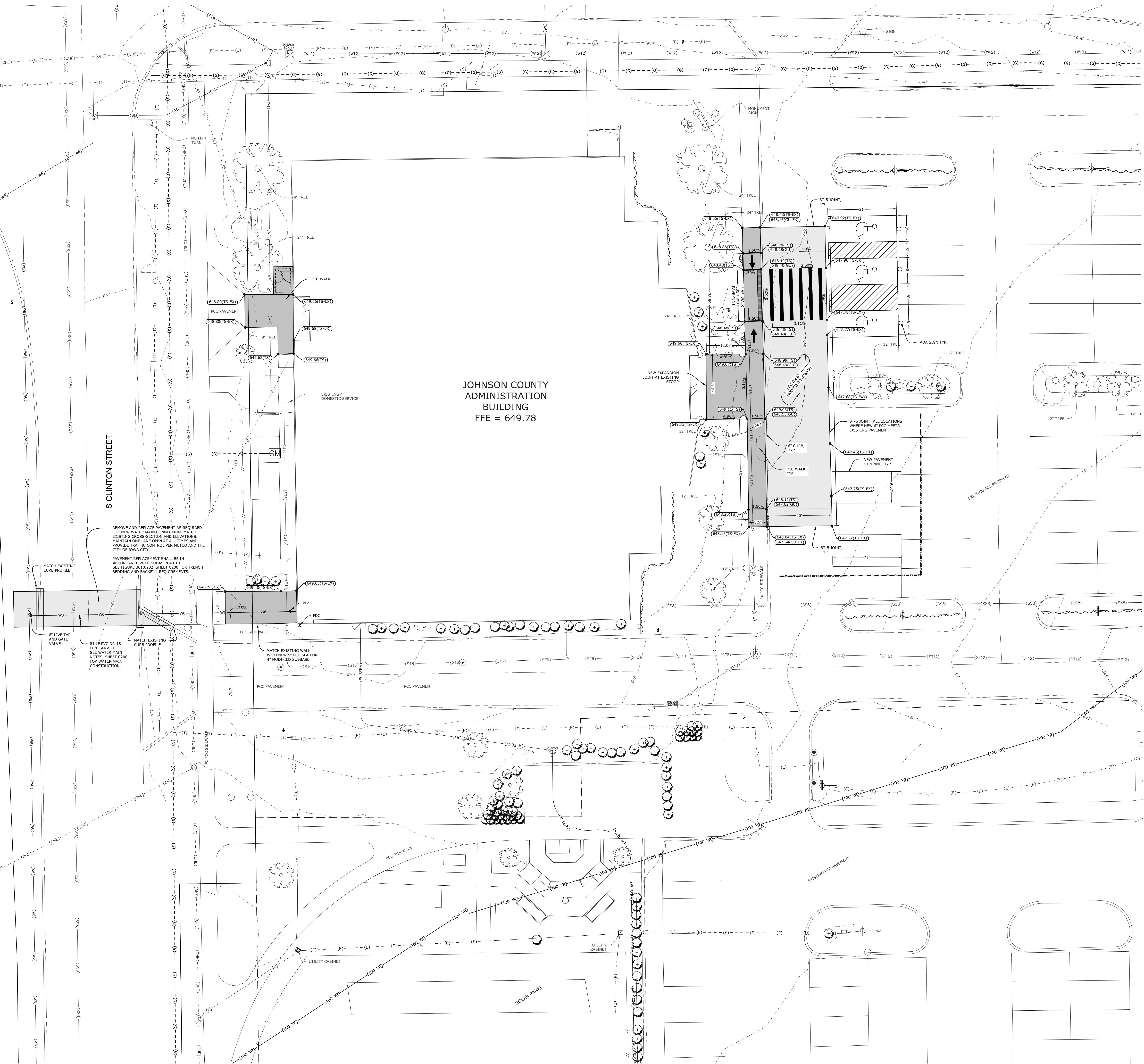
PAVEMENT LEGEND

	GRADE BREAK
	TOP OF SLAB
	TOP OF CURB
	GUTTER
	FINISHED GRADE

- PAVEMENT JOINTING NOTES**
- ALL LONGITUDINAL JOINTS SHALL BE KT-1 OR L-1.
 - LONGITUDINAL JOINTS SHALL BE NO GREATER THAN 12 FEET APART.
 - TRANSVERSE JOINTS SHALL BE C JOINTS SPACED AT NO GREATER THAN 12 FEET.
 - CONTRACTOR TO SUBMIT A PROPOSED JOINTING PLAN TO ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION.

- NOTES:**
- PROVIDE SUBGRADE PREPARATION AND GRADING IN ACCORDANCE WITH GRADING NOTES.
 - PROOF-ROLL SUBGRADE PRIOR TO PLACEMENT OF NEW OR RE-USED GRANULAR SUBBASE.
 - ADD MODIFIED SUBBASE AS REQUIRED TO ACHIEVE DESIGN GRADES.
 - PROOF-ROLL SUBBASE PRIOR TO PLACEMENT OF NEW PAVEMENT.

**JOHNSON COUNTY ADMINISTRATION BUILDING
 FFE = 649.78**



S CLINTON STREET

REMOVE AND REPLACE PAVEMENT AS REQUIRED FOR NEW WATER MAIN CONNECTION. MATCH EXISTING CROSS-SECTION AND ELEVATIONS. MAINTAIN ONE LANE OPEN AT ALL TIMES AND PROVIDE TRAFFIC CONTROL PER MUTCO AND THE CITY OF IOWA CITY.

PAVEMENT REPLACEMENT SHALL BE IN ACCORDANCE WITH SDAS 7042.101. SEE FIGURE 3010.200, SHEET C200 FOR TRENCH BEDDING AND BACKFILL REQUIREMENTS.

MATCH EXISTING CURB PROFILE

6" LIVE TAP AND GATE VALVE

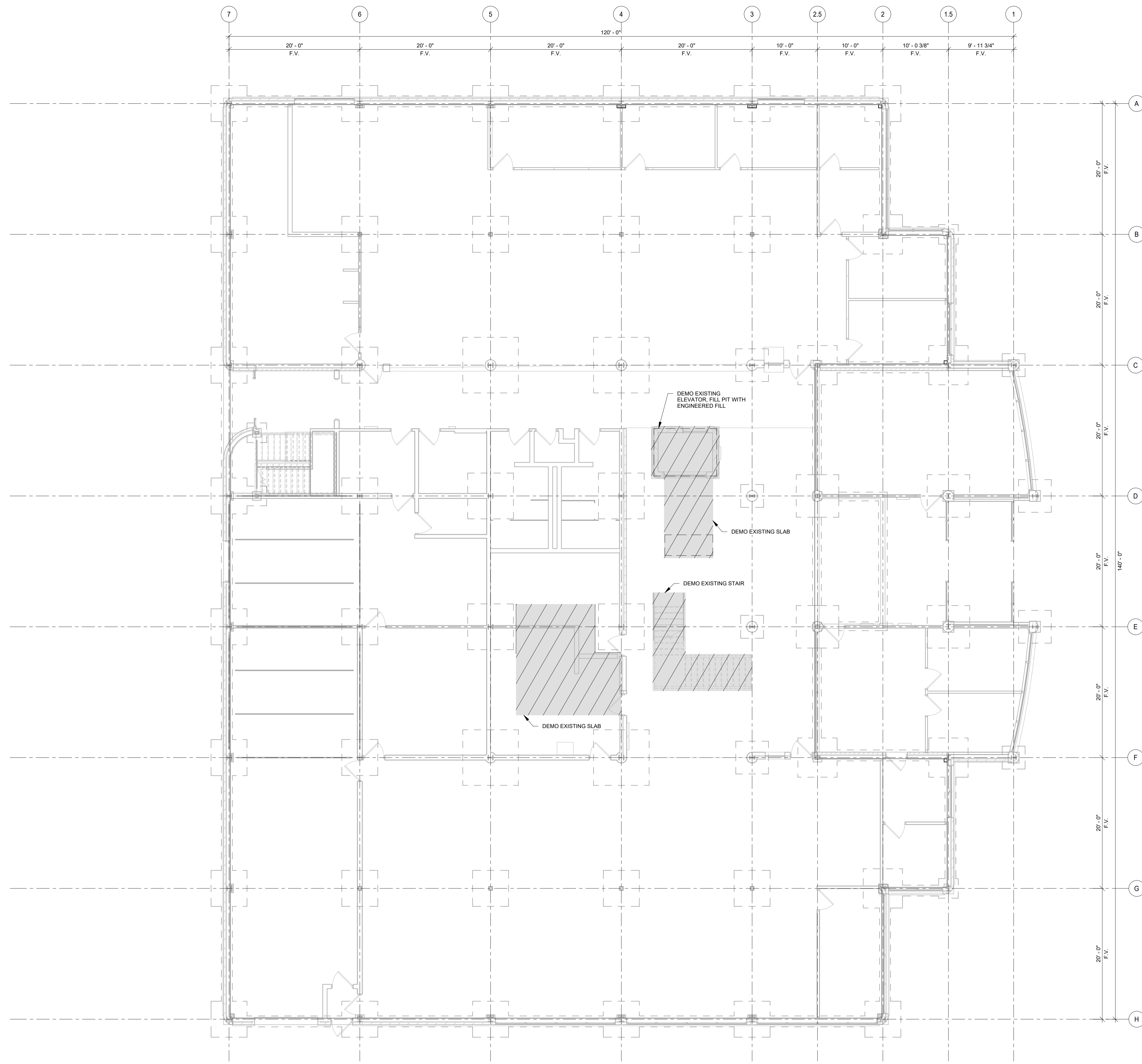
81 LF PVC DR-18 FIRE SERVICE. SEE WATER MAIN NOTES, SHEET C200 FOR WATER MAIN CONSTRUCTION.

MATCH EXISTING CURB PROFILE

MATCH EXISTING WALK WITH NEW 5" PCC SLAB ON 4" MODIFIED SUBBASE

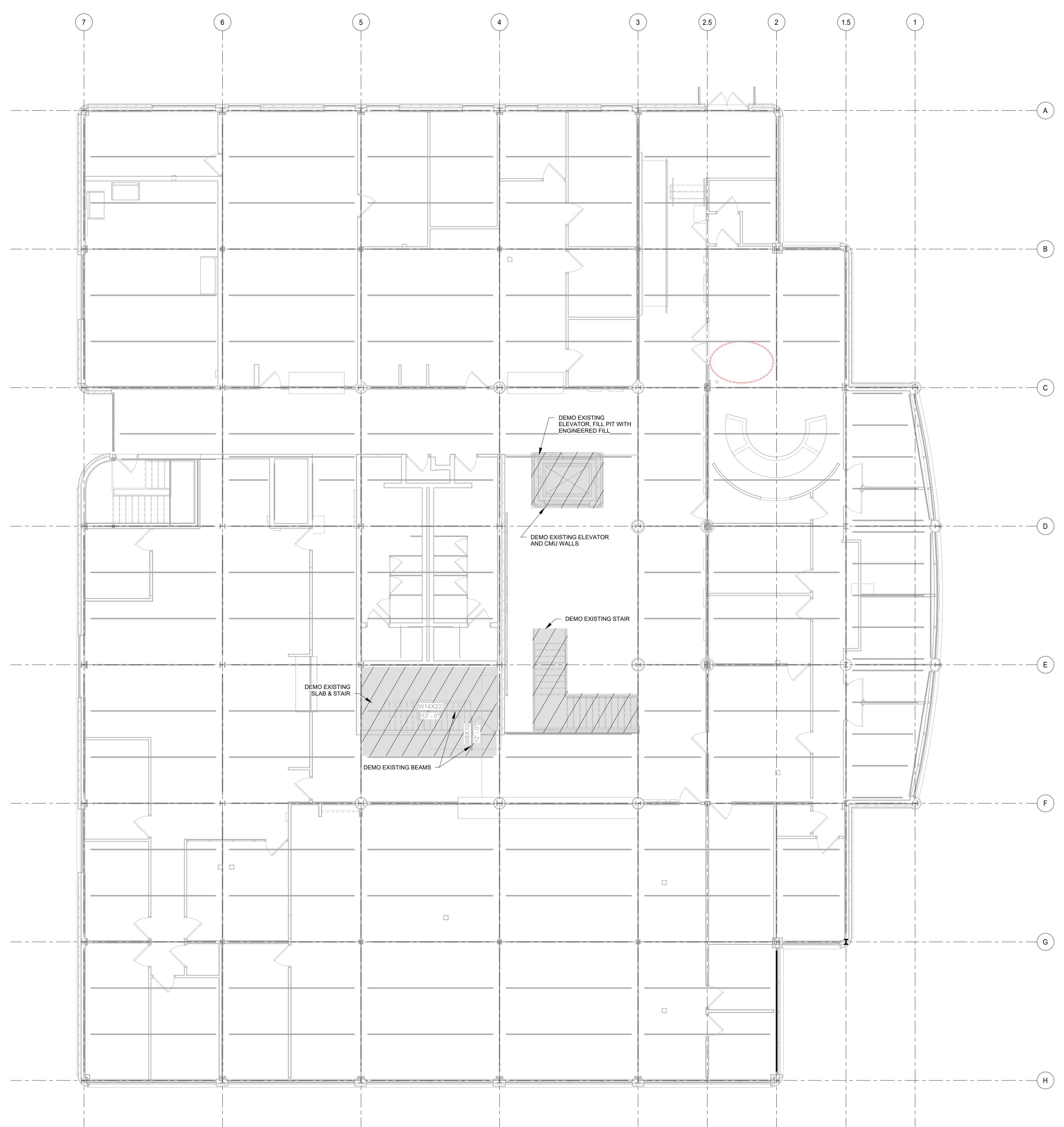
UTILITY CABINET

SOLAR PANEL



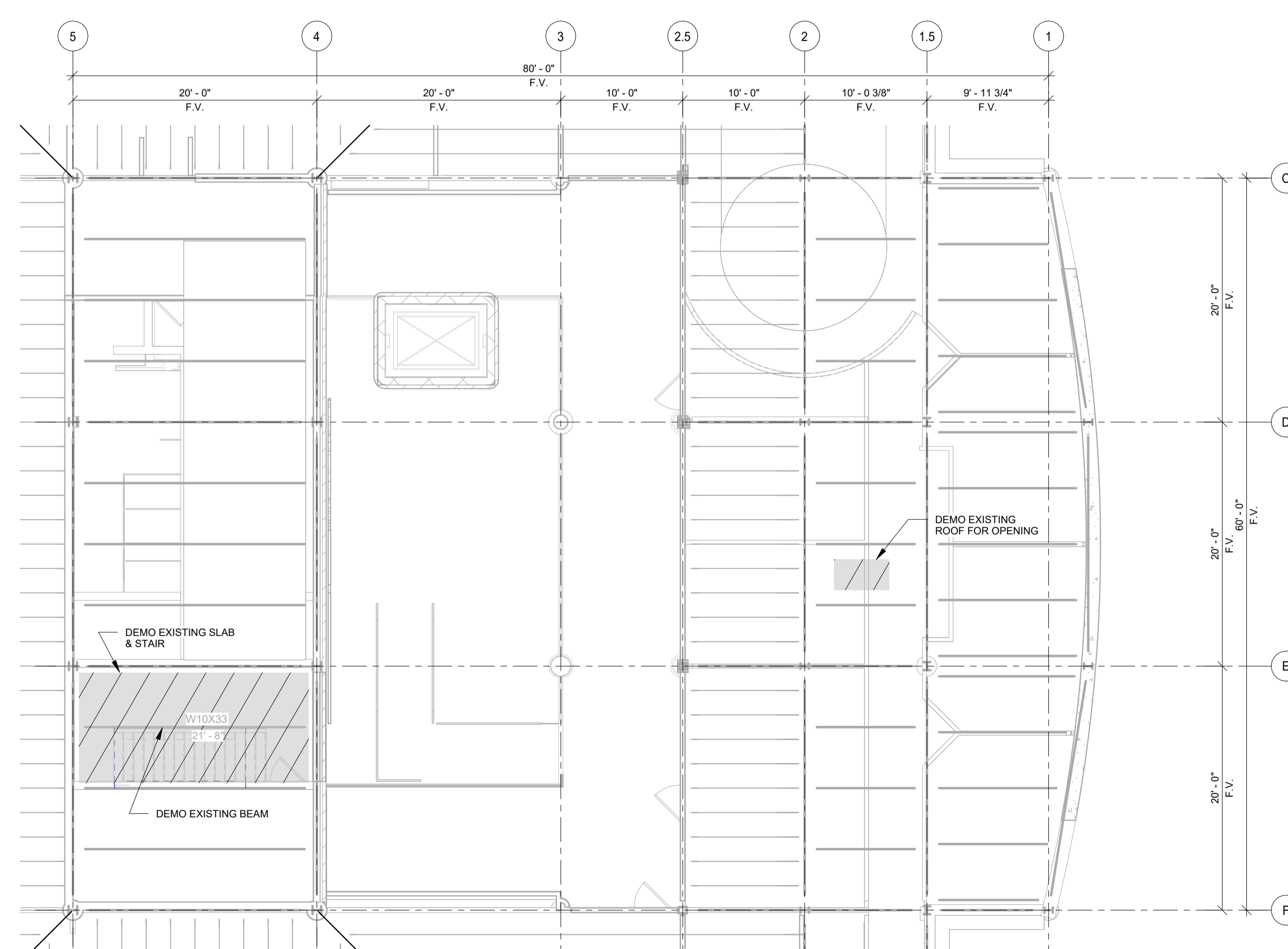
A ADM - DEMOLITION PLAN - FOUNDATION PLAN
1/8" = 1'-0"

PLAN NOTES:
1. COORDINATE DEMOLITION WITH ARCH. AND MEP DRAWINGS
2. TOP OF EXISTING FOOTING = ± 0' 0" V.I.F.



B ADM - DEMOLITION PLAN - LEVEL 2
1/8" = 1'-0"

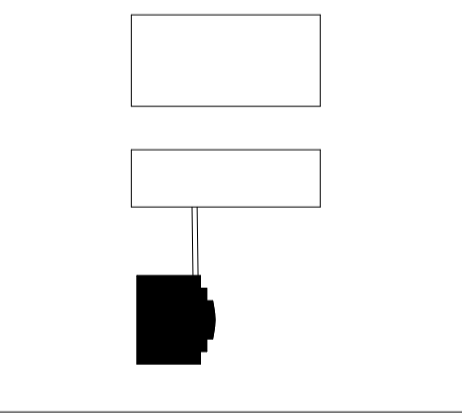
PLAN NOTES:
1. COORDINATE DEMOLITION WITH ARCH. AND MEP DRAWINGS



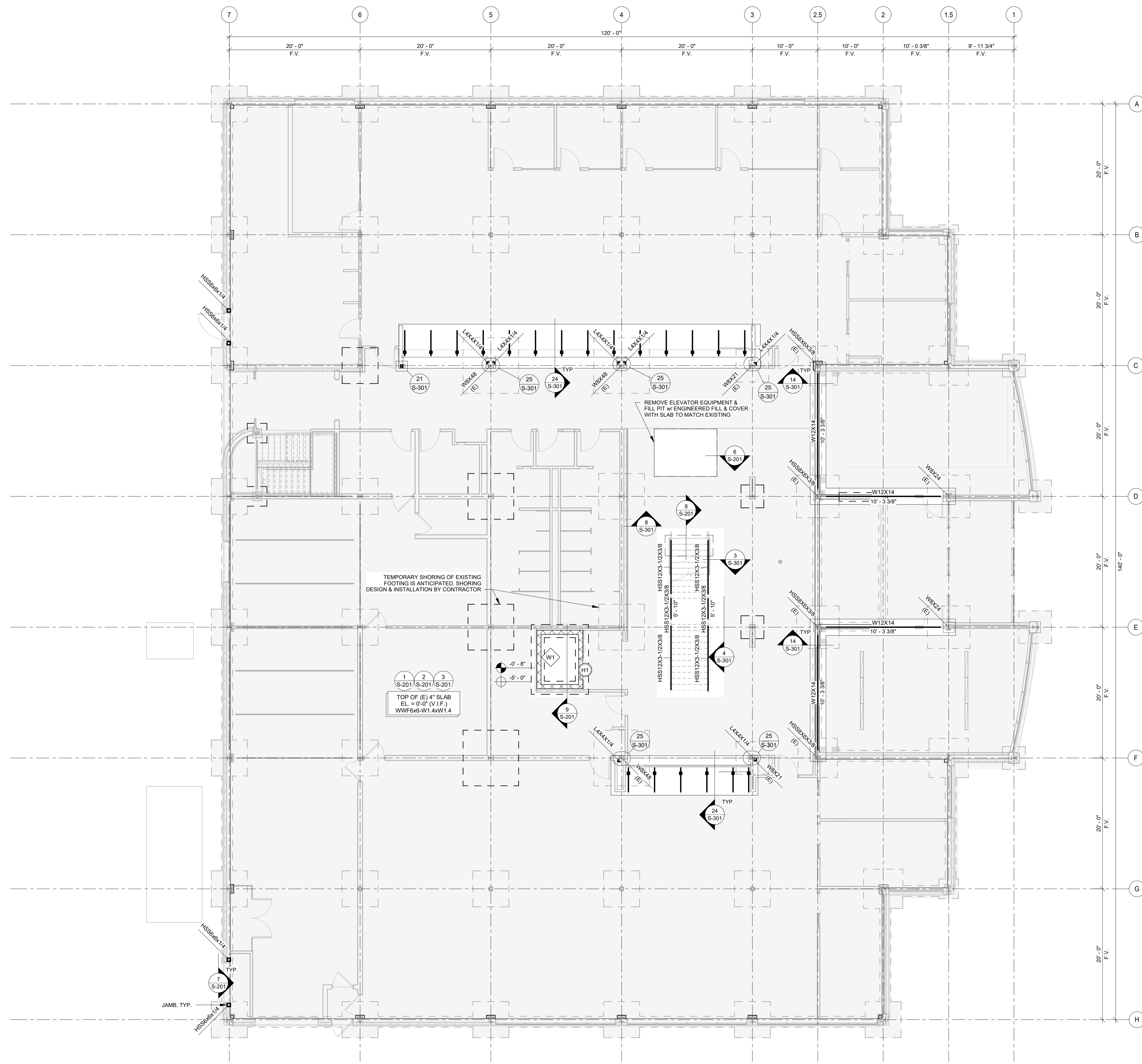
C ADM - DEMOLITION PLAN - LEVEL 3
1/8" = 1'-0"

PLAN NOTES:
1. COORDINATE DEMOLITION WITH ARCH. AND MEP DRAWINGS

Key Plan

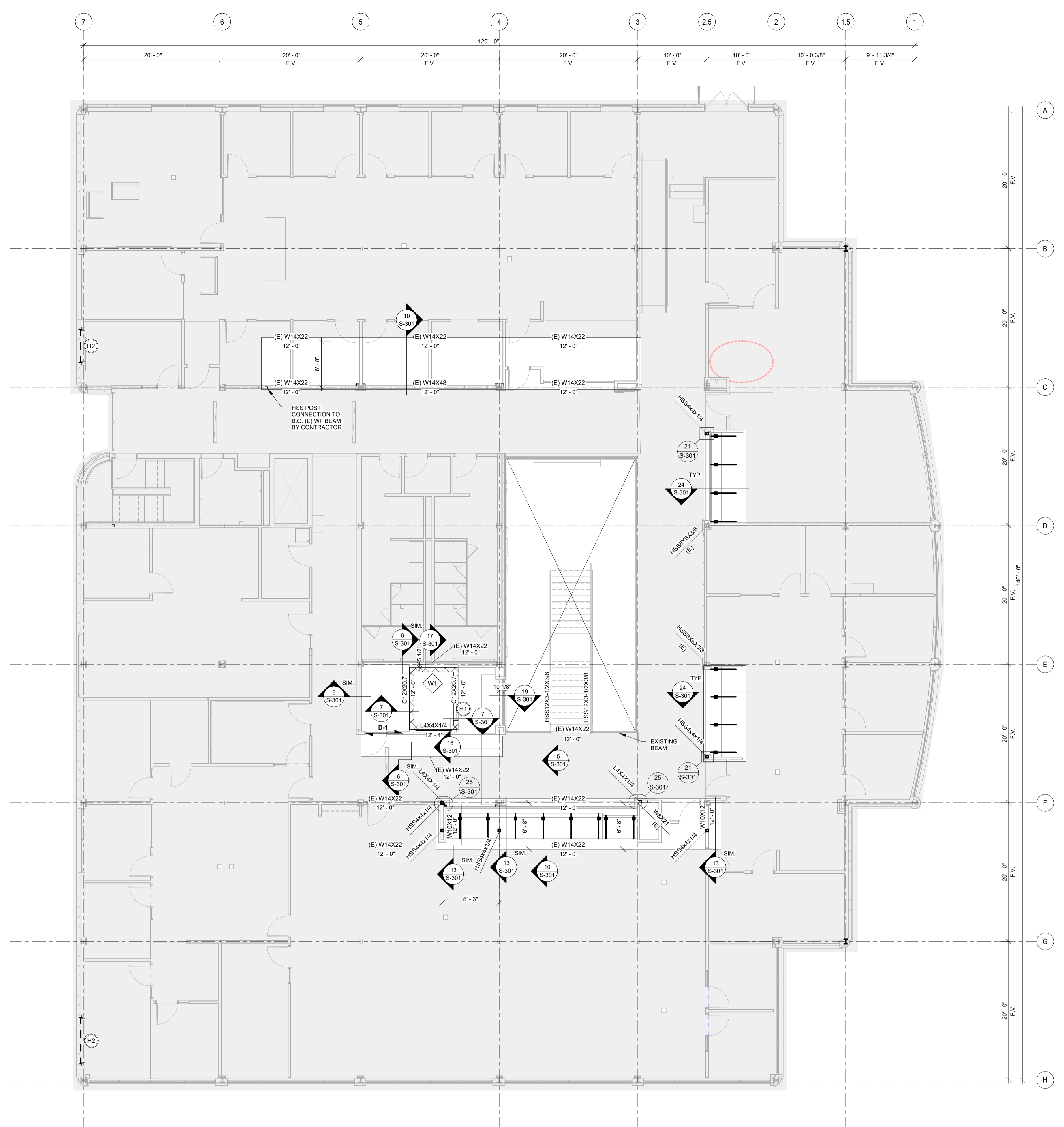


Revision Description Date



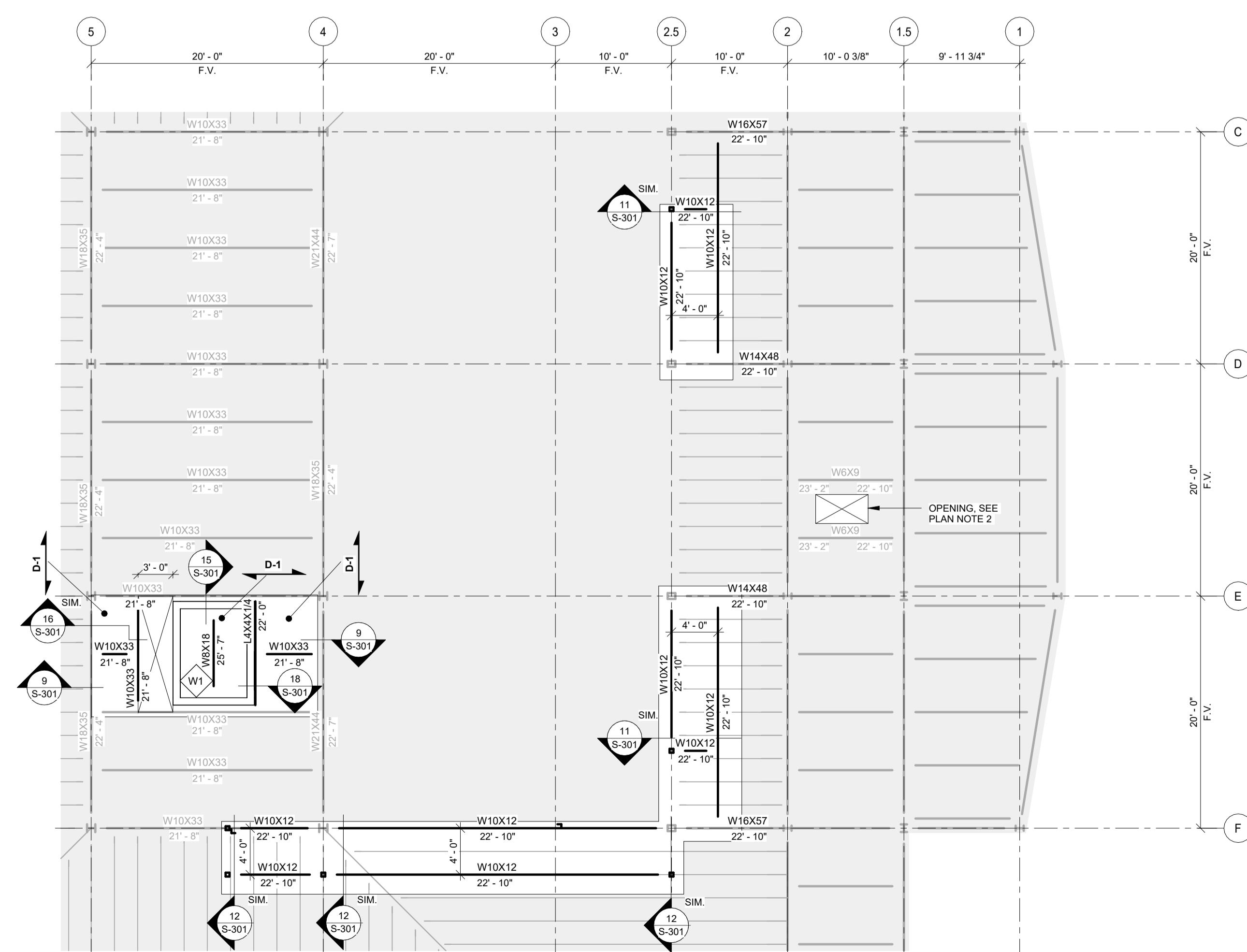
A ADM - FOUNDATION PLAN
1/8" = 1'-0"

- PLAN NOTES:**
- CONTRACTOR TO FIELD VERIFY ALL RELEVANT EXISTING INFORMATION, INCLUDING EXISTING DIMENSIONS, CONDITIONS AND FRAMING.
 - CONTRACTOR IS RESPONSIBLE FOR ALL SHORING AND UNDERPINNING OF EXISTING STRUCTURE NEEDED TO ACCOMMODATE NEW CONSTRUCTION.
 - SEE SHEET S01 FOR TYPICAL FOUNDATION/SLAB DETAILS.
 - NON-LOAD BEARING WALLS ARE SHOWN FOR REFERENCE ONLY. SEE ARCH. FOR SIZE & LOCATION.



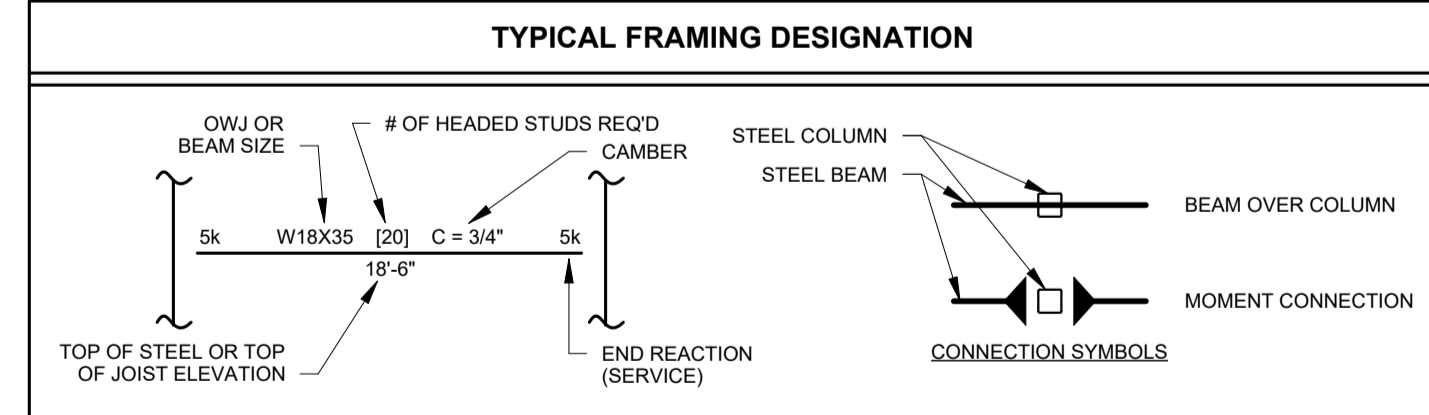
B ADM - FRAMING PLAN - LEVEL 2
1/8" = 1'-0"

- PLAN NOTES:**
- SEE SHEET S01 FOR TYPICAL FRAMING DETAILS.



D ADM LEVEL 3 - OVERALL
1/8" = 1'-0"

- PLAN NOTES:**
- SEE SHEET S01 FOR TYPICAL FRAMING DETAILS.
 - SEE DETAIL S01/S01 FOR TYPICAL OPENING DETAIL. CONTRACTOR IS RESPONSIBLE TO COORDINATE OPENING LOCATION w/ ARCH.



DECKING SCHEDULE			
MARK	TYPE	DETAILS	NOTES
D-1	4" COMPOSITE SLAB w/ 1 1/2" METAL DECK	SEE S0 SECTION IN STRUCTURAL NOTES	ADM FLOOR DECK & ELEVATOR DECK

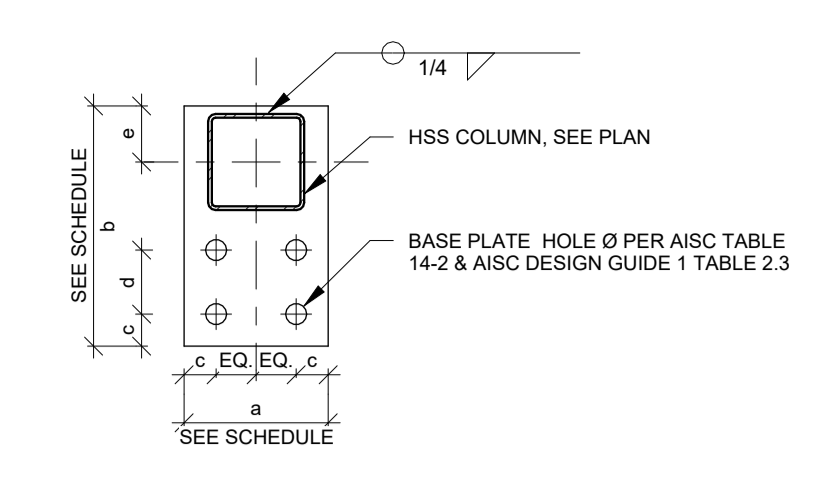
CMU WALL SCHEDULE				
MARK	WALL SIZE	VERT. REINFORCEMENT	HORIZ. REINFORCEMENT	NOTES
W1	8"	#5 @ 24" O.C.	LADDER TYPE @ 16" O.C.	-

LOAD-BEARING CMU HEADER SCHEDULE			
MARK	SIZE	GEOMETRY	NOTES
H1	WB10 w/ BOTTOM FLG+164, 8" MIN. BEARING	CMU w/ WF w/ BOTTOM FLG	SEE BELOW
H2	SEE DETAIL 23/S-301	-	SEE BELOW

- NOTES:**
- FOR HEADERS NOT DESIGNATED ON PLAN (INCLUDING MEP WALL PENETRATIONS) & FOR HEADERS @ NON-LOAD-BEARING CMU WALLS, SEE CONCRETE MASONRY SECTION OF STRUCTURAL NOTES.
 - LOAD-BEARING HEADERS SHALL HAVE SLP CONNECTIONS PER TYP. BEAM BEARING @ CMU DETAIL.



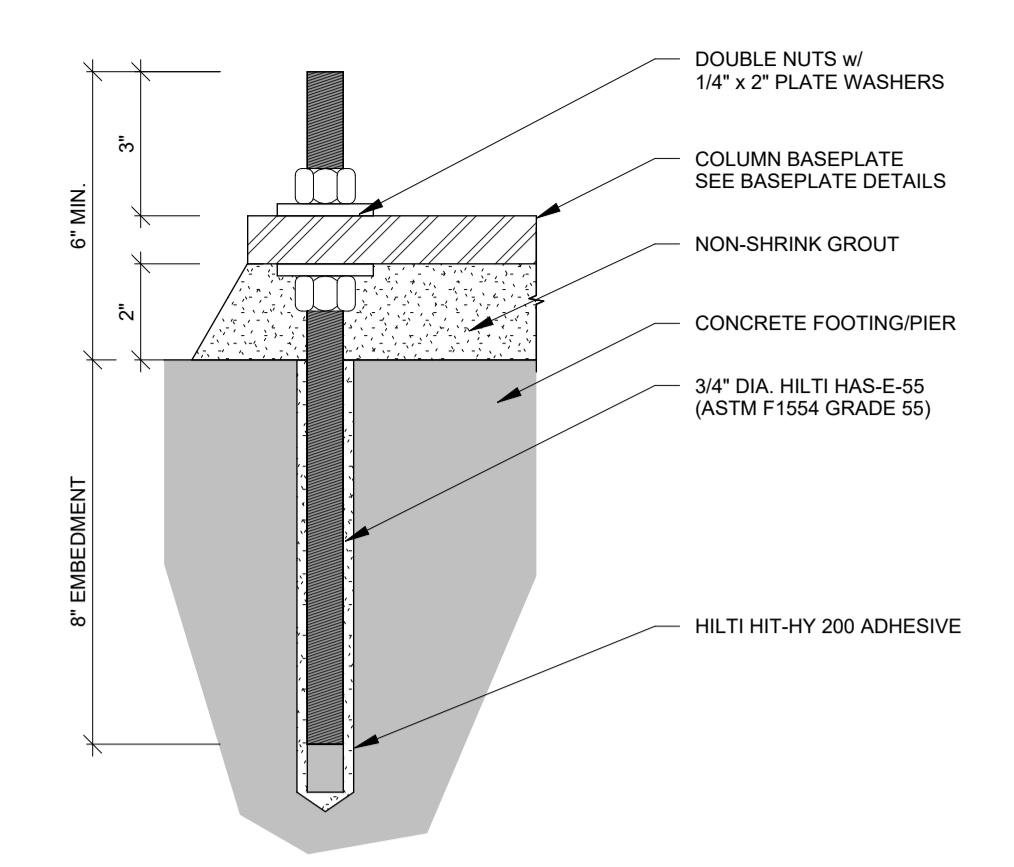
Revision	Description	Date



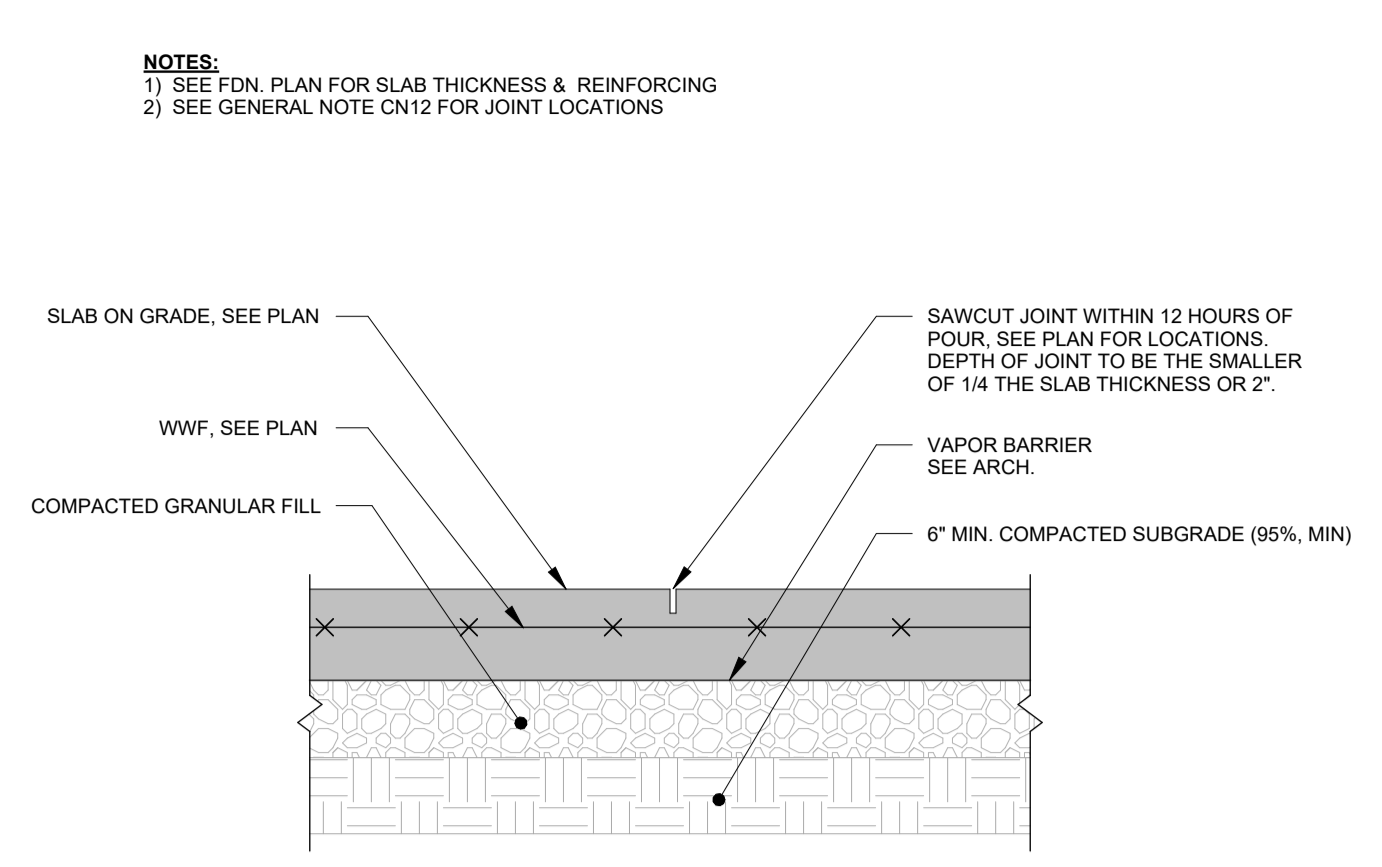
COLUMN SECTION	t	a	b	c	d	e	ANCHORS
HSS6x6x14	3/4"	9"	15"	2"	4"	3 1/2"	(4) - A191

NOTES:
1) SEE DETAIL 4/18-201 FOR ANCHOR ROD SETTING INFORMATION.
2) SEE STRUCTURAL NOTES FOR BASE PLATE MATERIAL REQUIREMENTS.
3) FOR RECTANGULAR BASE PLATES, ALL DIMENSIONS PARALLEL TO FOUNDATION WALL L.N.O.
4) WEI FOR FRIGORATING OF ANCHOR RODS IS NOT ALLOWED. ACCURATELY SET AND SECURELY SUPPORT ANCHOR RODS DURING PLACEMENT OF CONCRETE.

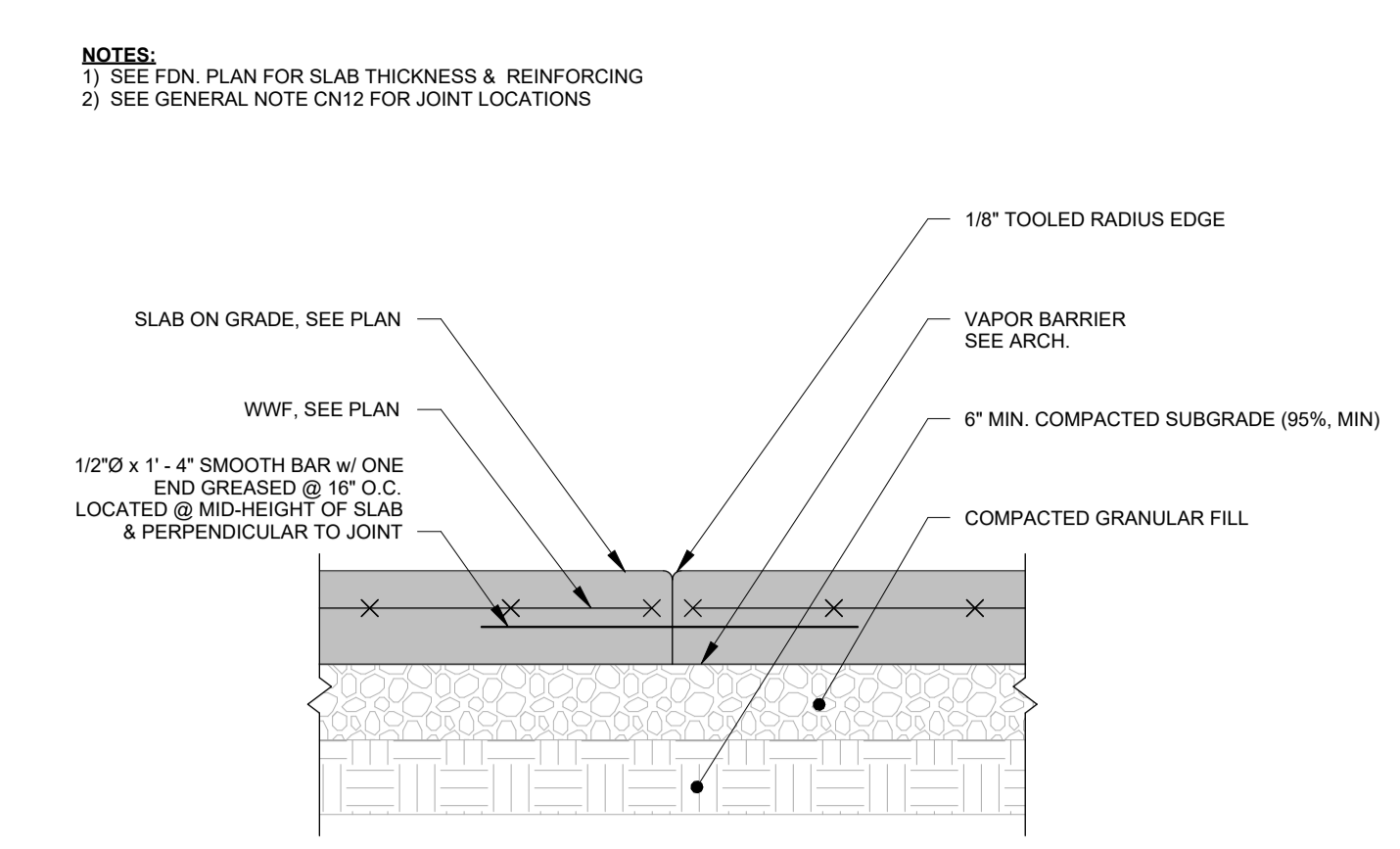
5 COLUMN BASE PLATE SCHEDULE
1" = 1'-0"



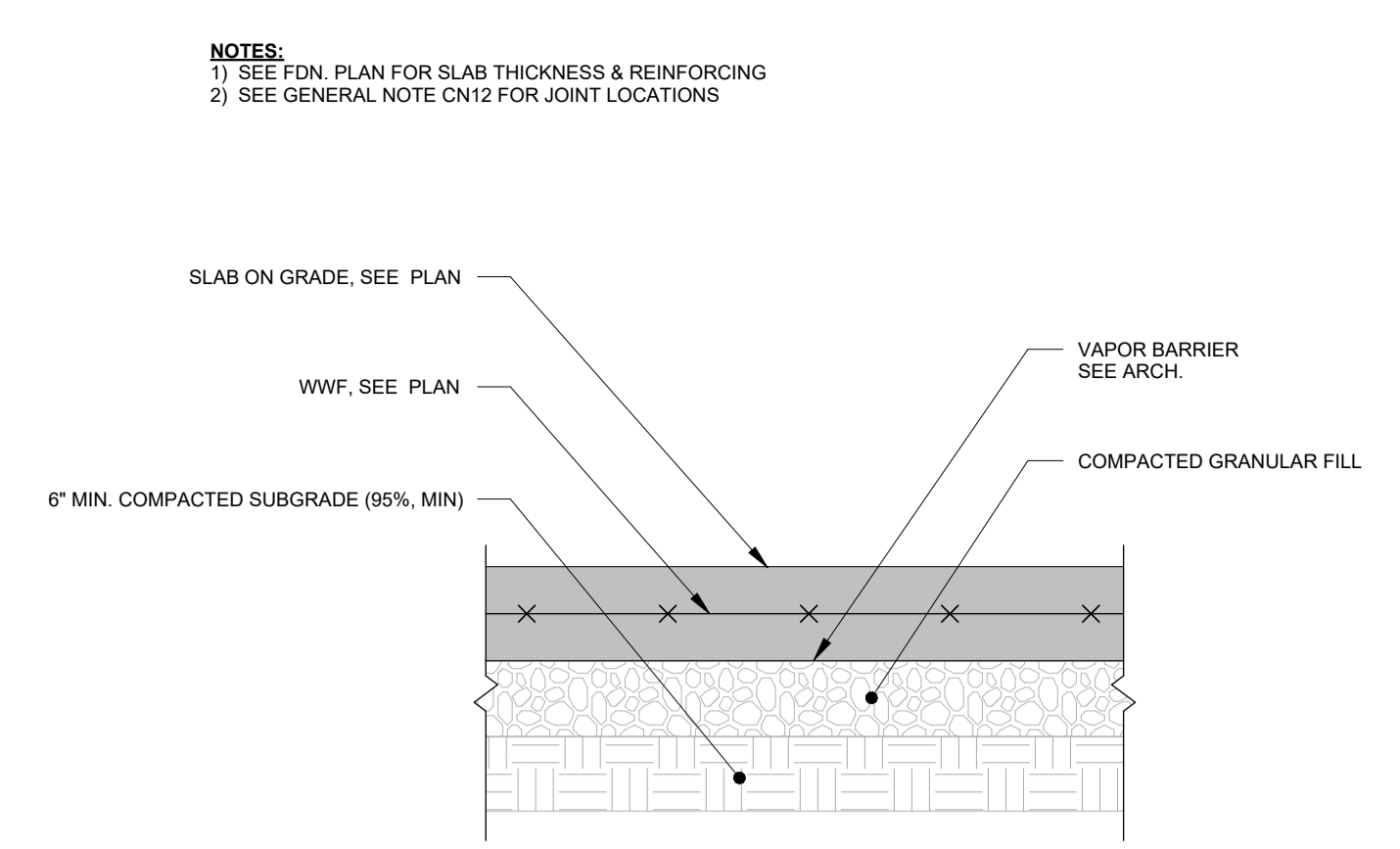
4 TYP. ANCHOR ROD SETTING DETAIL (POST-INSTALLED)
3" = 1'-0"



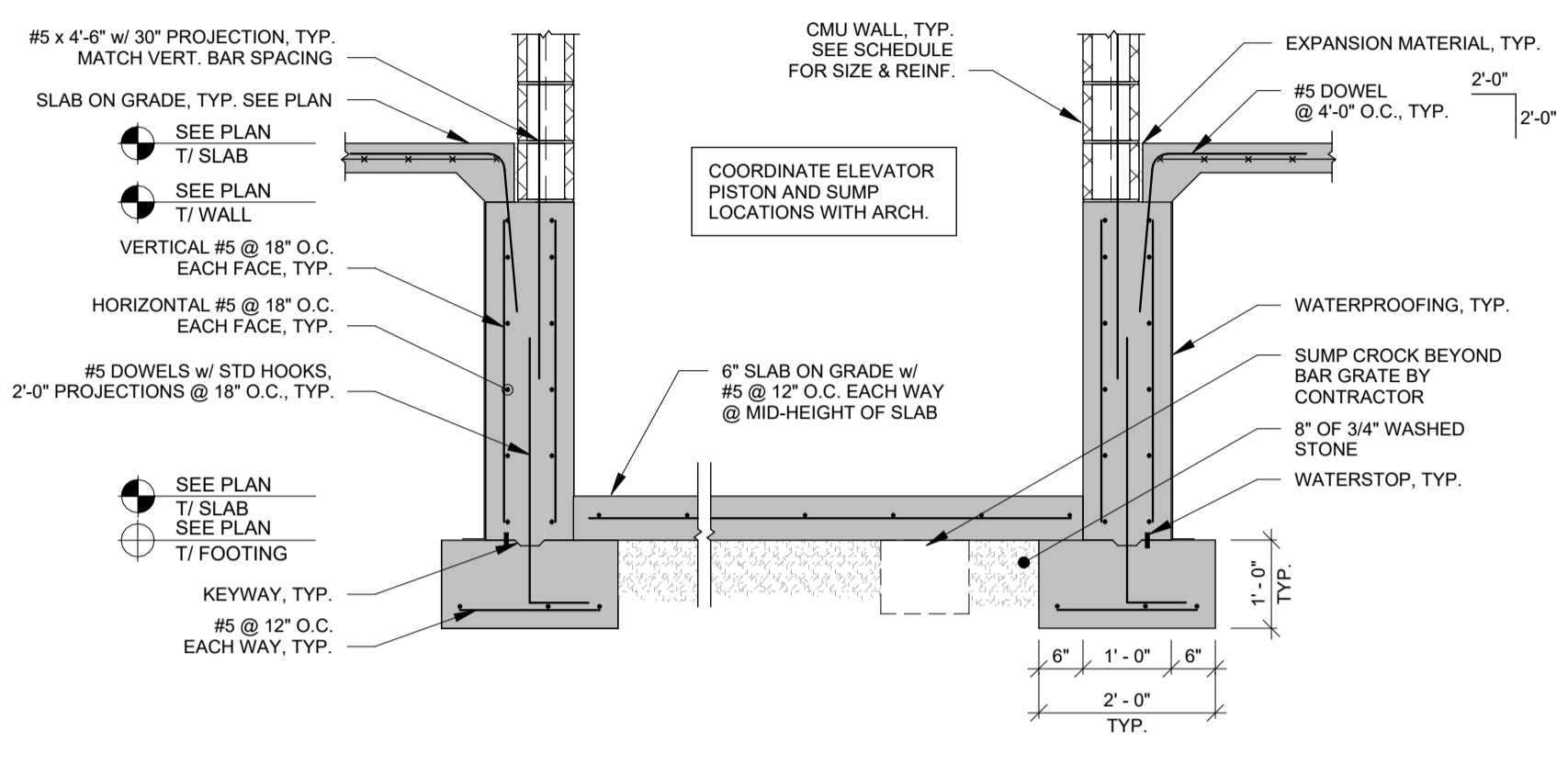
3 TYP. SLAB ON GRADE CONTROL JOINT
1 1/2" = 1'-0"



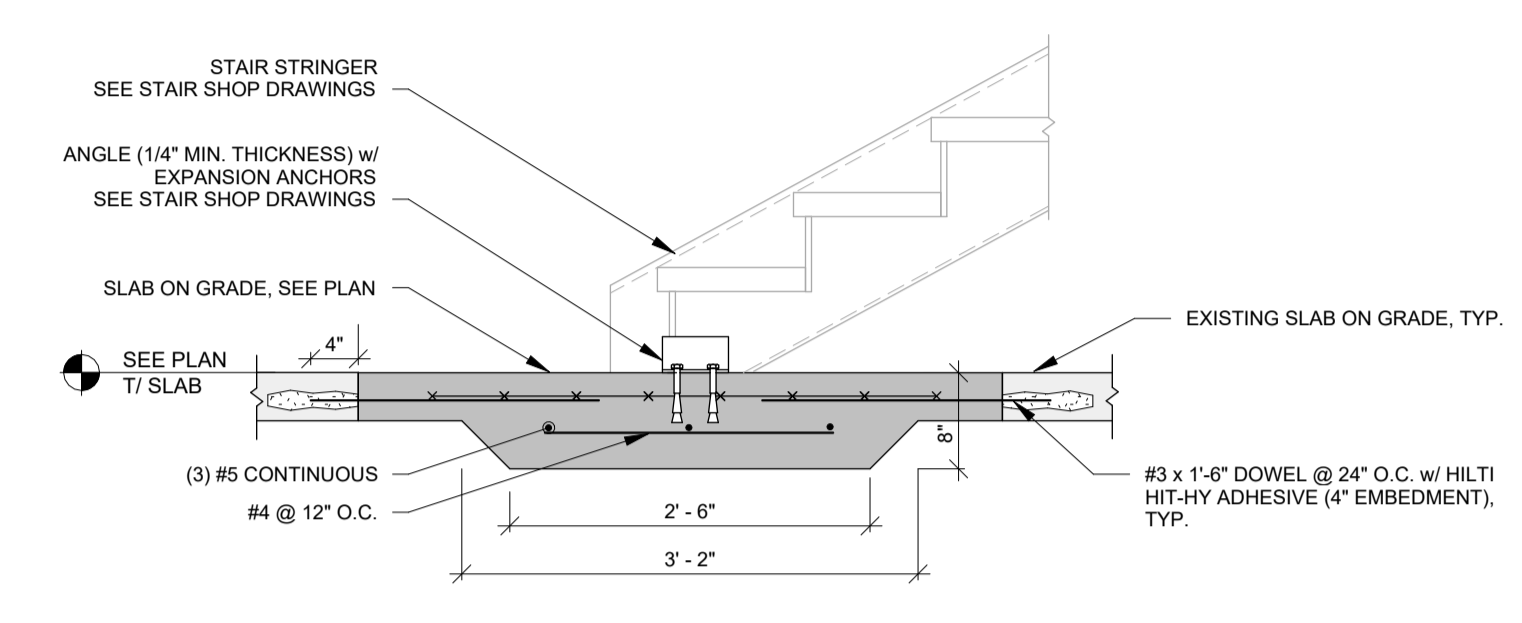
2 TYP. SLAB ON GRADE CONSTRUCTION JOINT
1 1/2" = 1'-0"



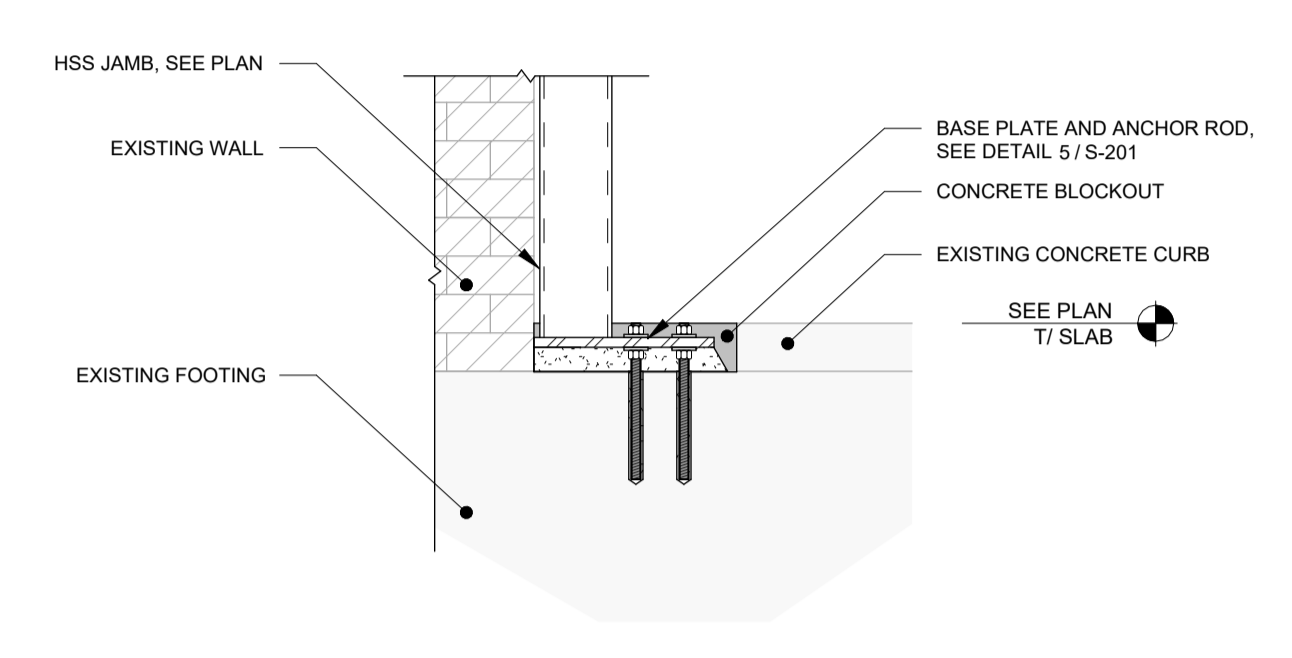
1 TYP. SLAB ON GRADE
1 1/2" = 1'-0"



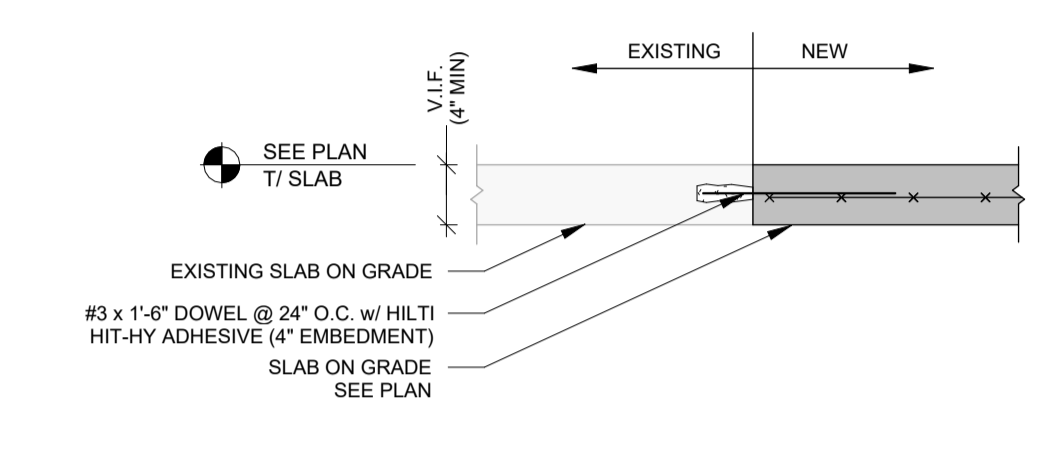
9 ELEVATOR PIT
1/2" = 1'-0"



8 TYP. THICKENED SLAB @ STAIRS
3/4" = 1'-0"



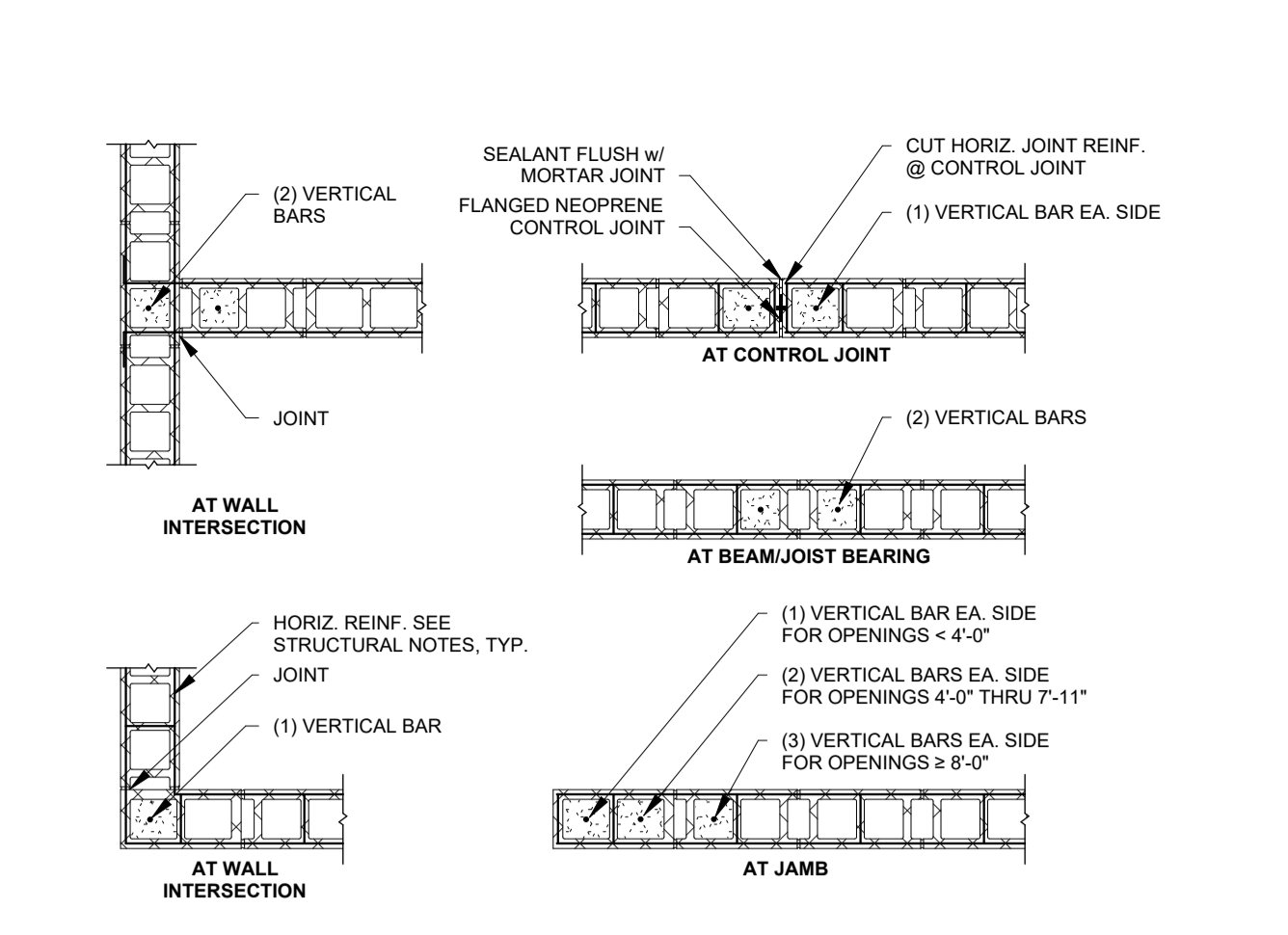
7 HEADER BASE PLATE
3/4" = 1'-0"



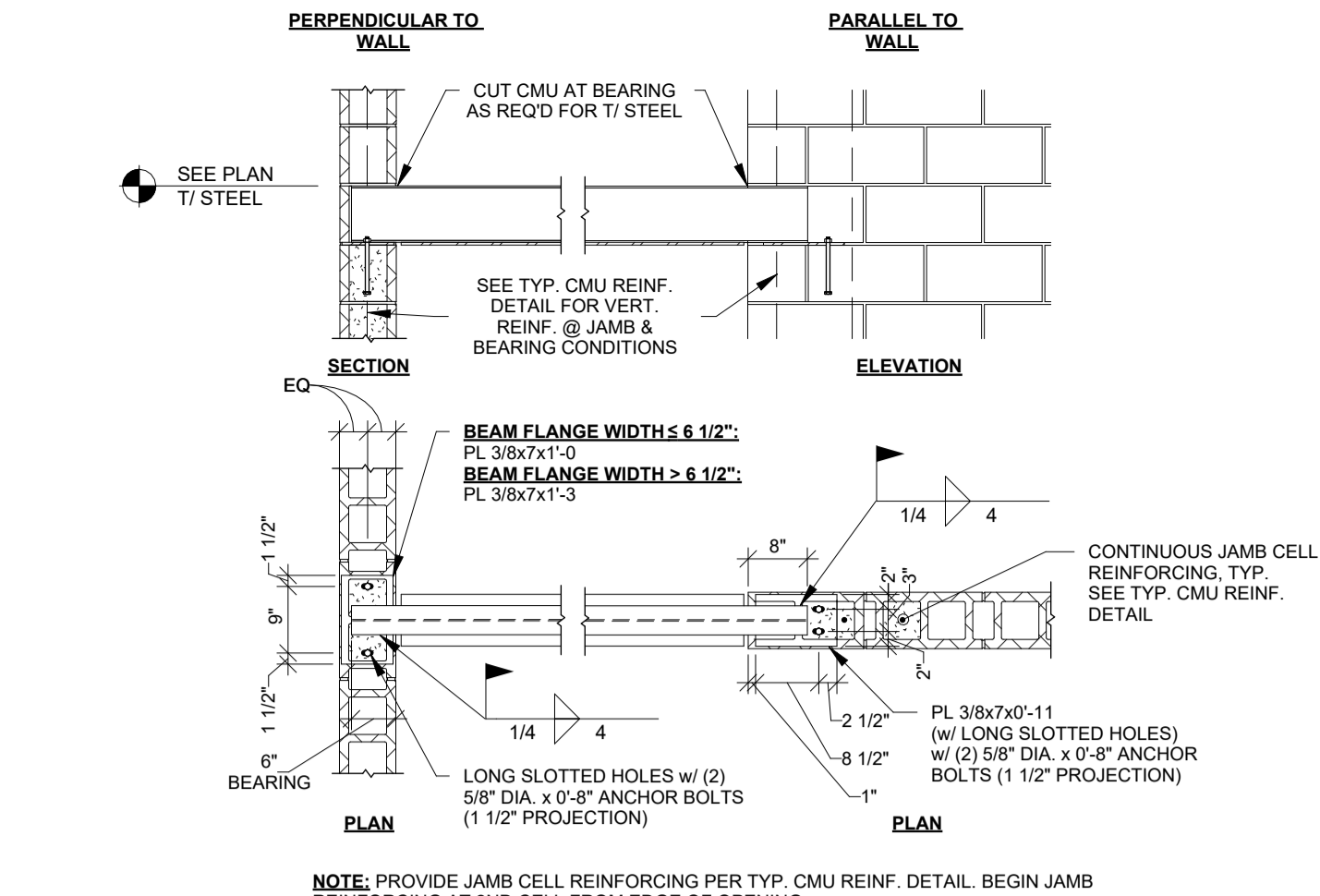
6 NEW TO EXISTING SLAB
3/4" = 1'-0"

Key Plan

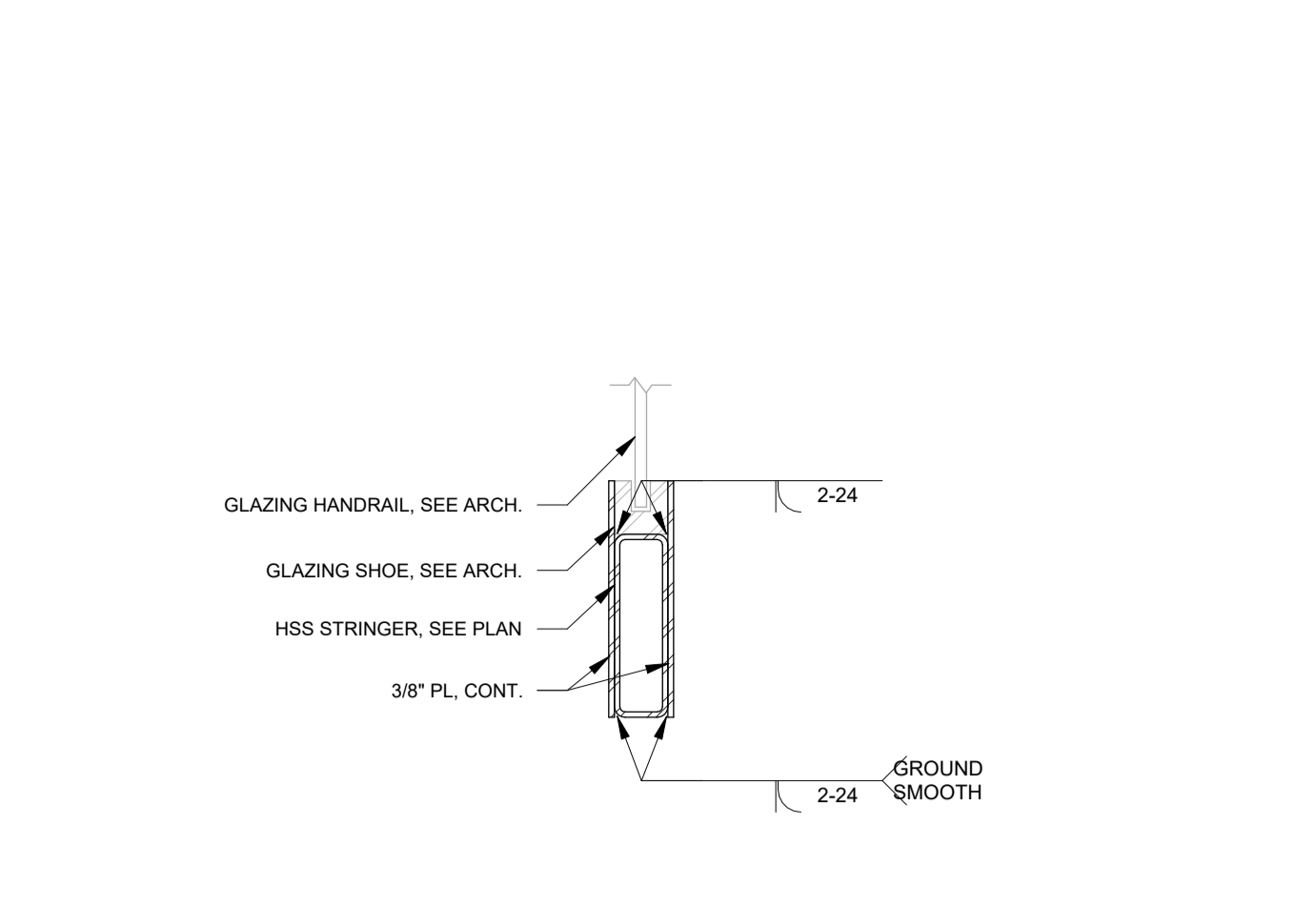
Revision	Description	Date



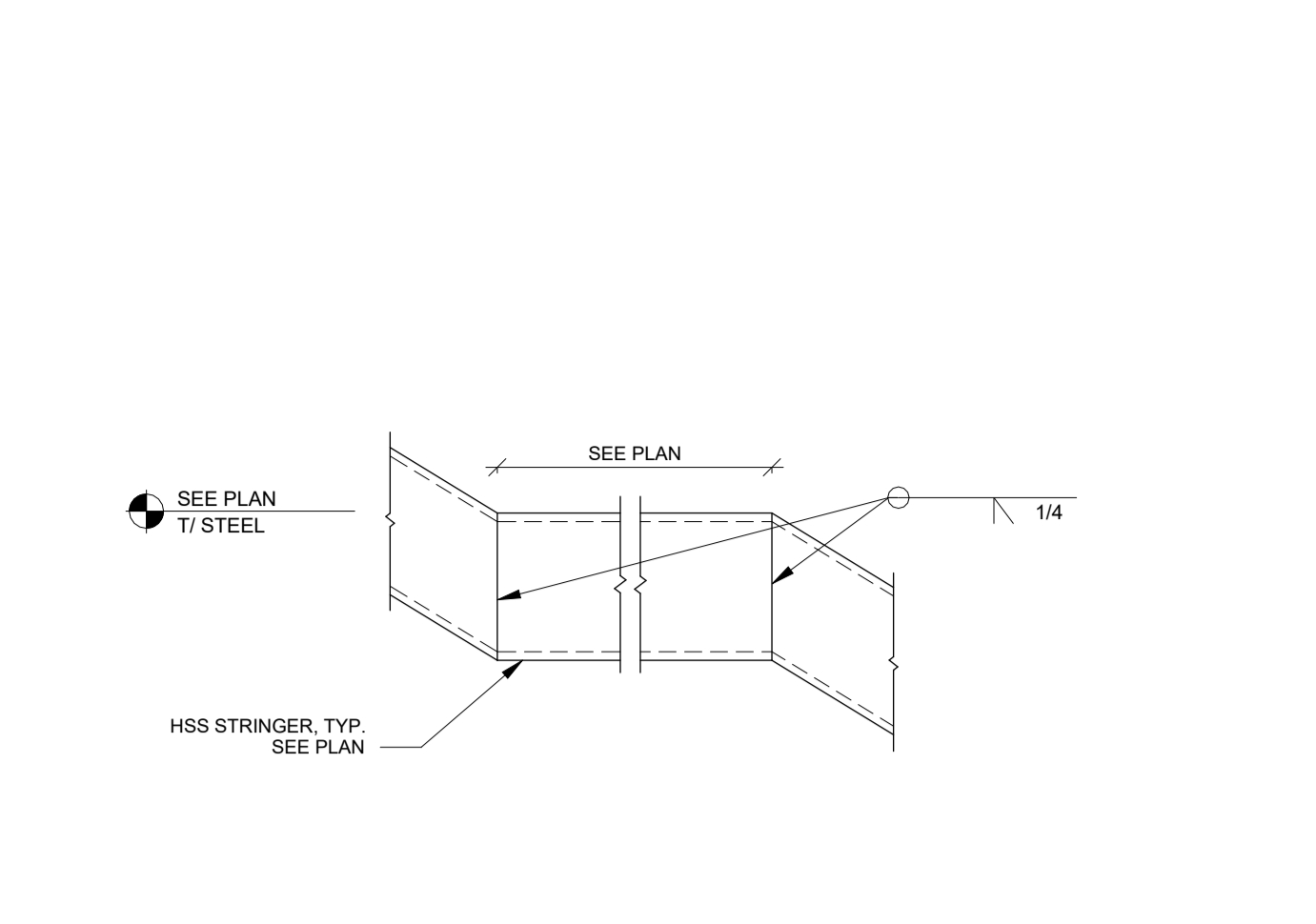
1 TYP. CMU WALL REINF.
N.T.S.



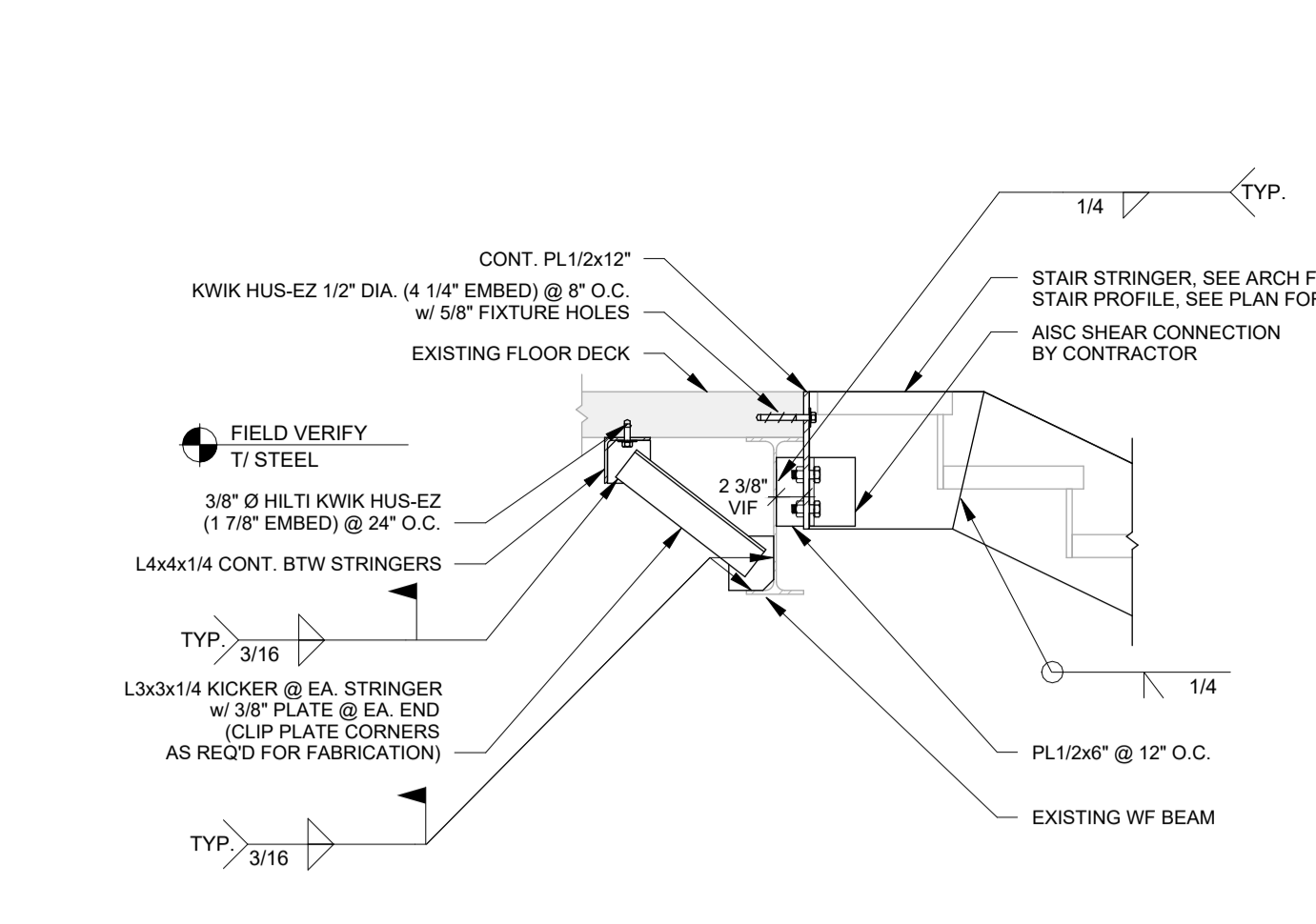
2 TYP. BEAM BEARING @ CMU1
N.T.S.



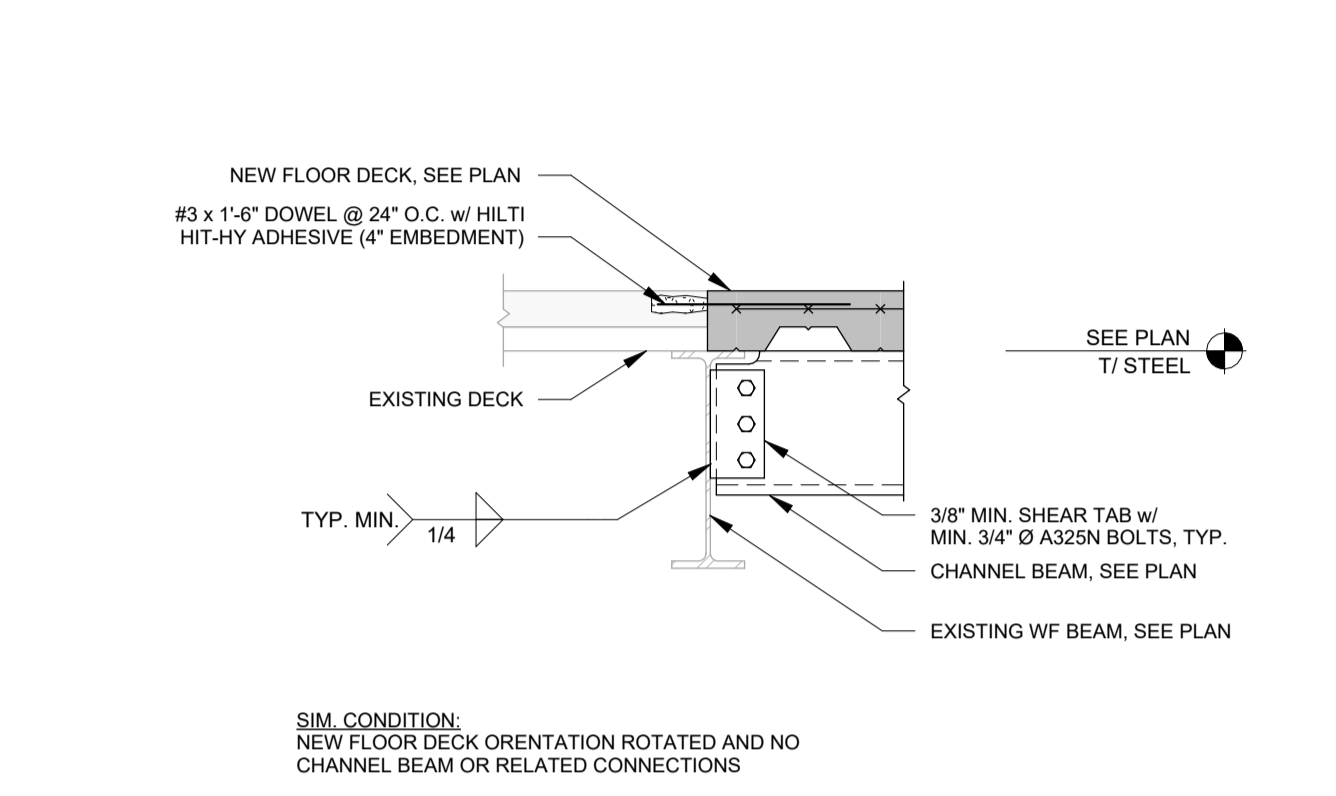
3 STRINGER ASSEMBLY
1" = 1'-0"



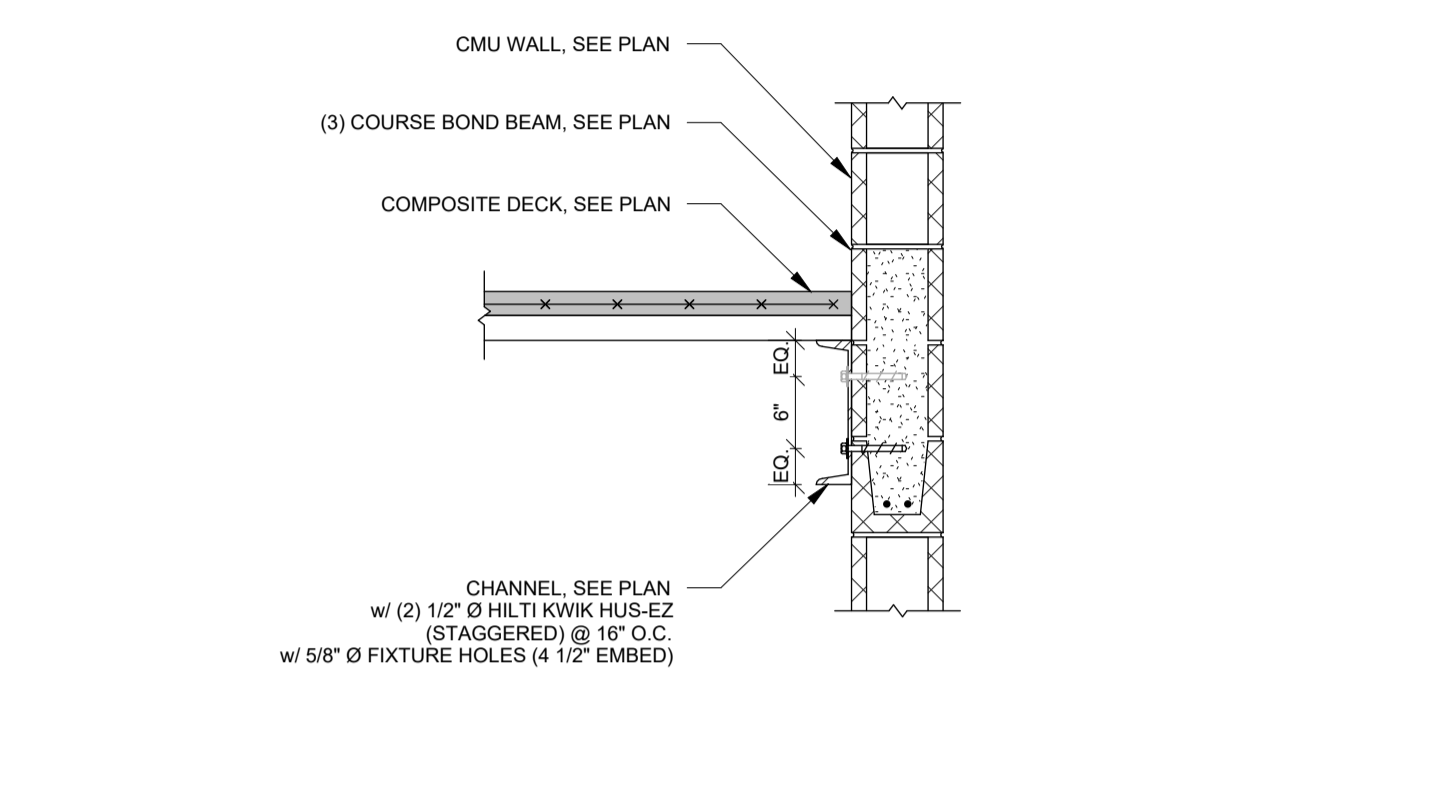
4 STRINGER CONNECTION
3/4" = 1'-0"



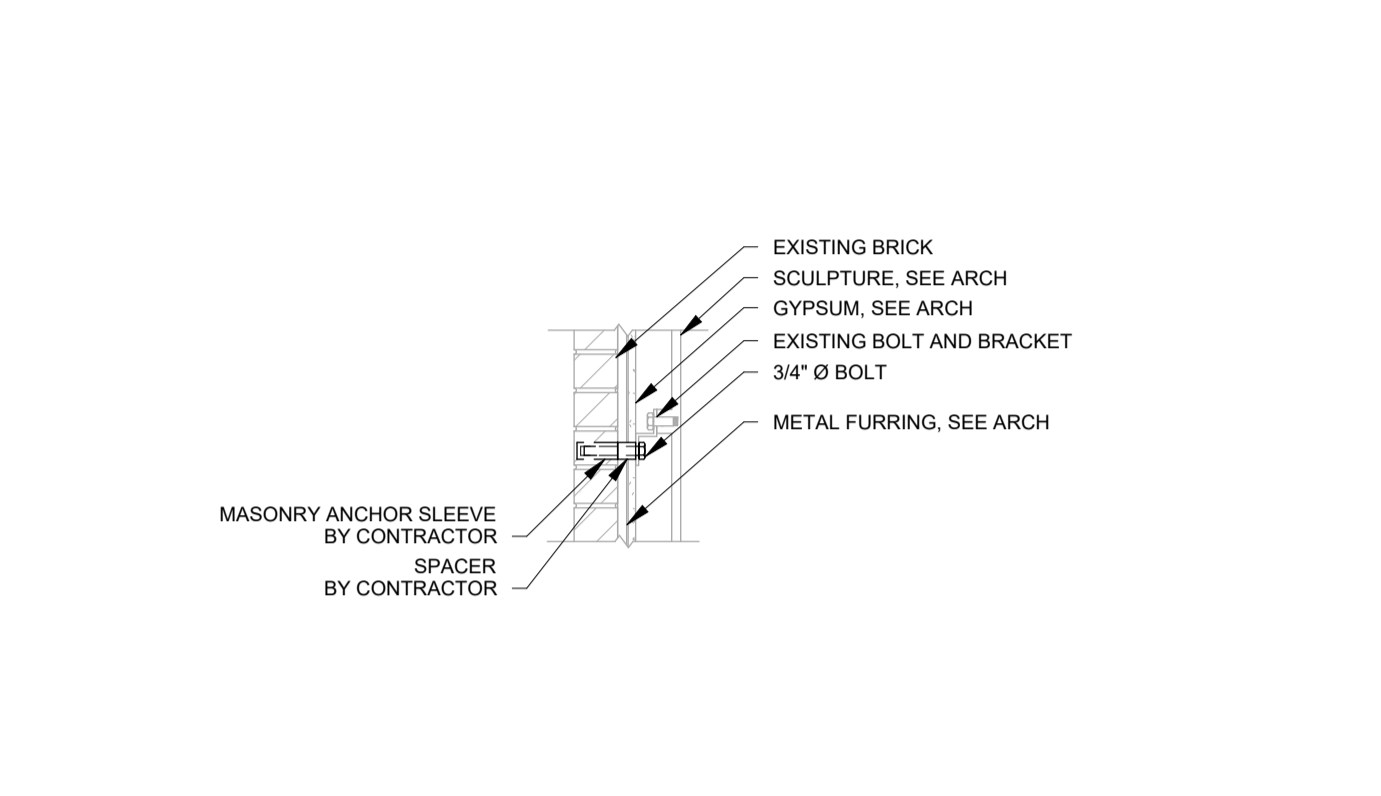
5 STRINGER @ EXISTING SLAB
3/4" = 1'-0"



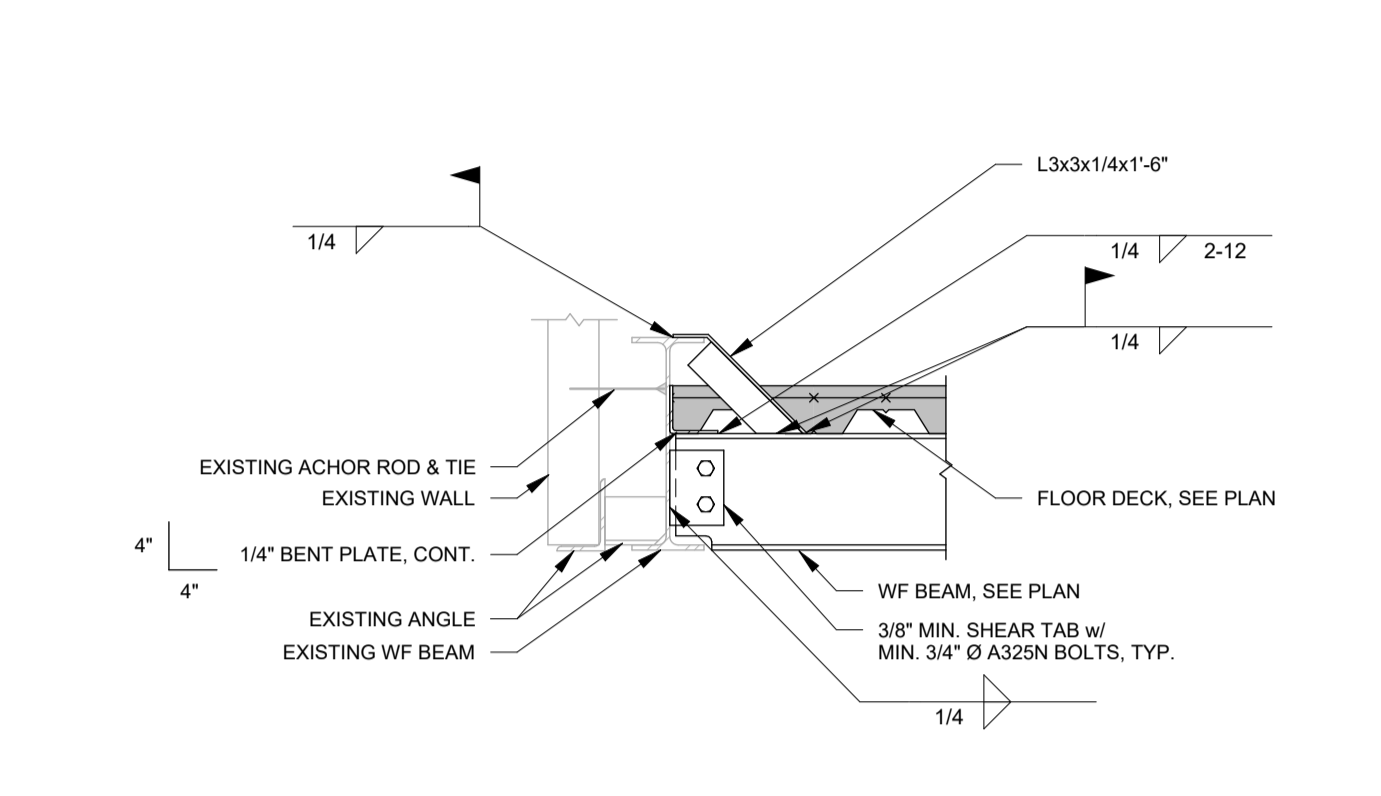
6 NEW TO EXISTING DECK
3/4" = 1'-0"



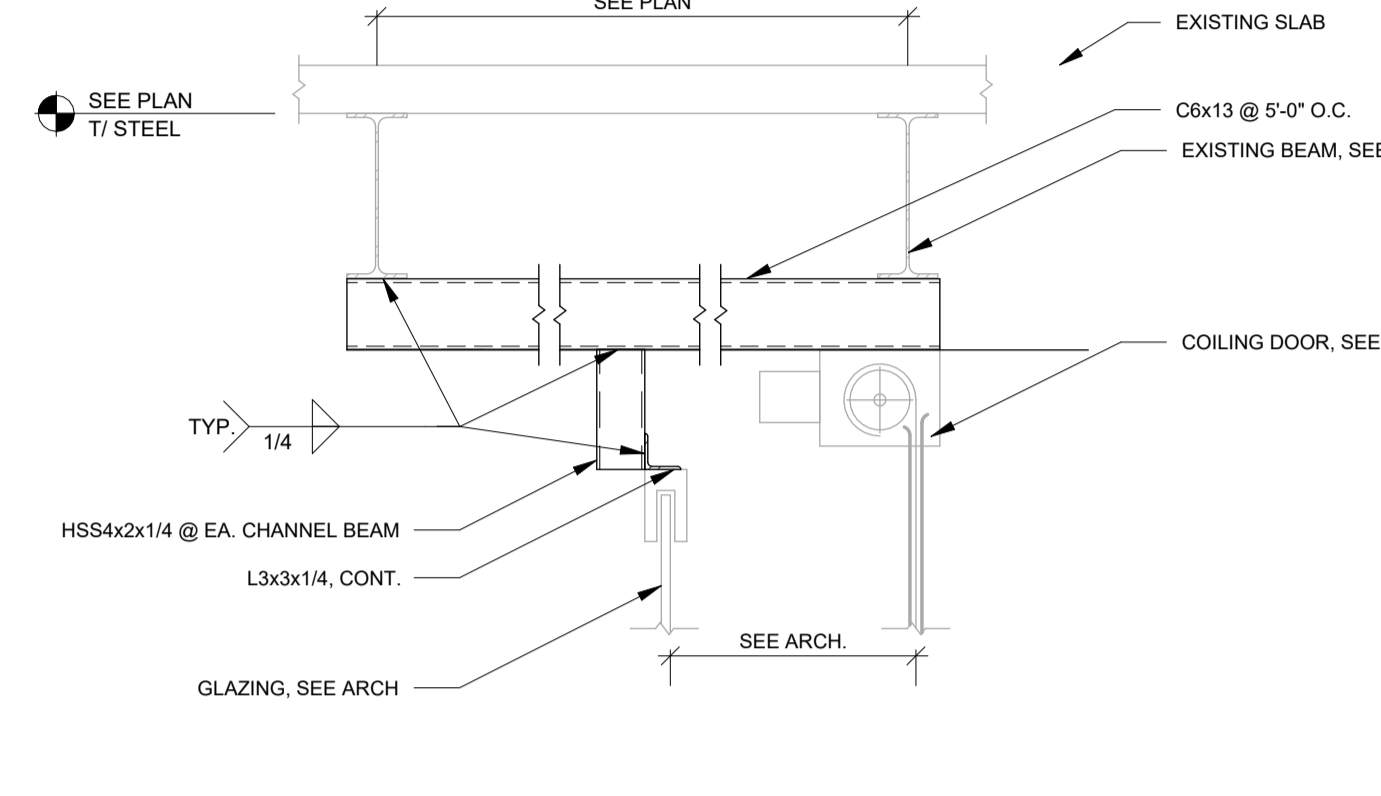
7 FRAMING DETAIL
3/4" = 1'-0"



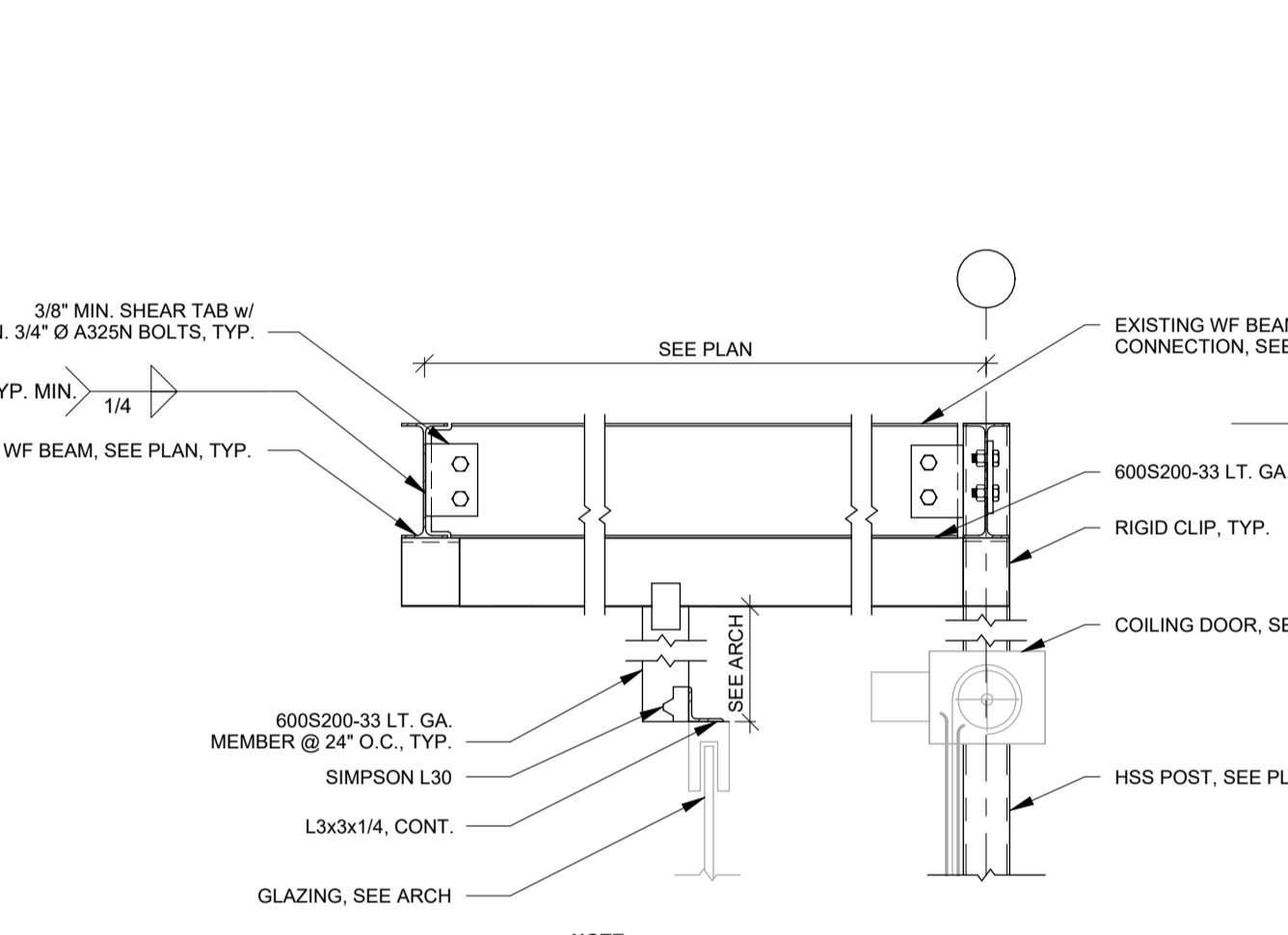
8 ADM SCULPTURE
3/4" = 1'-0"



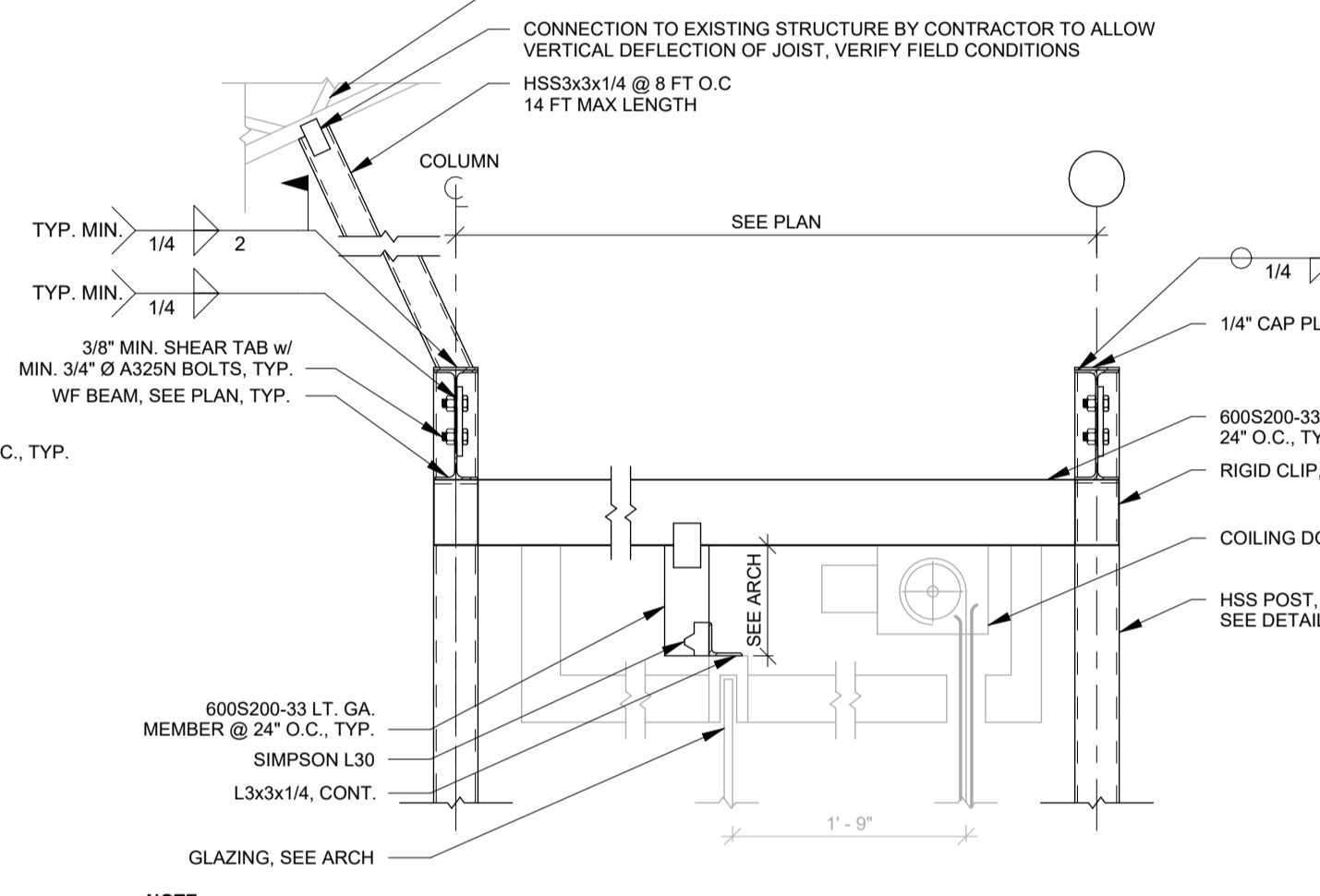
9 ADM 3F DECK EDGE
3/4" = 1'-0"



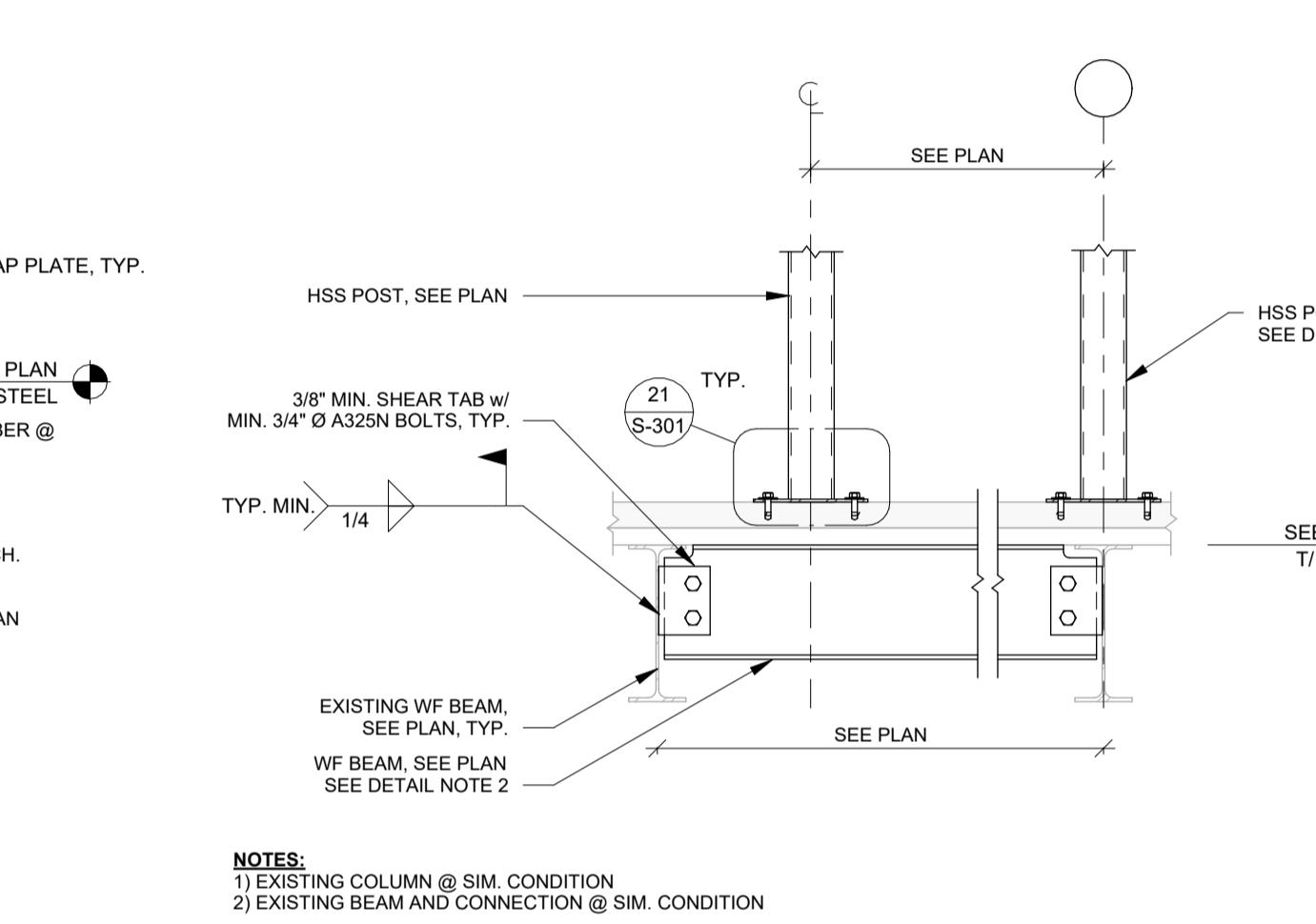
10 ADM FIRST FLOOR COILING DOOR & SMOKE CURTAIN SUPPORT
3/4" = 1'-0"



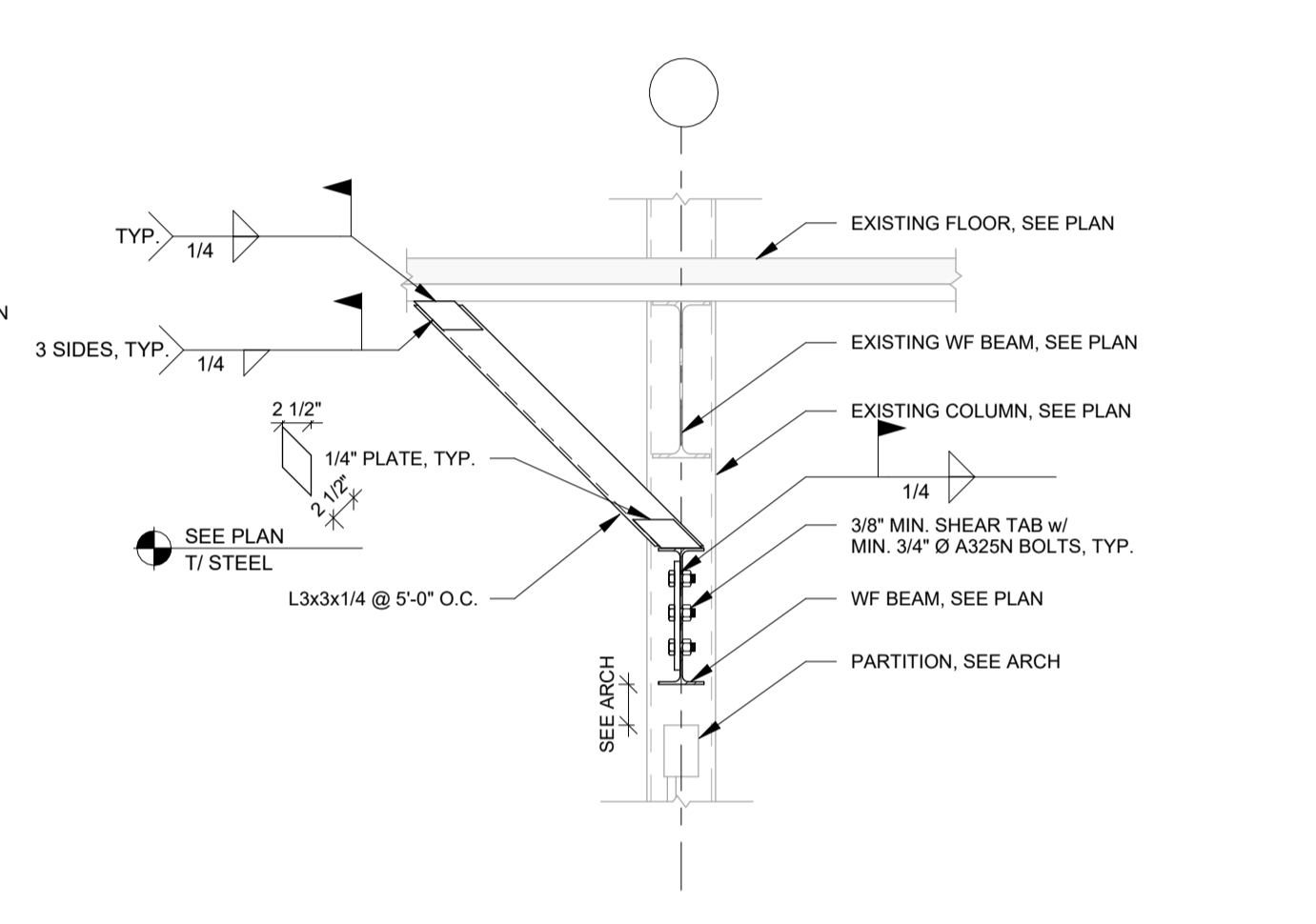
11 ADM COILING DOOR SUPPORT
3/4" = 1'-0"



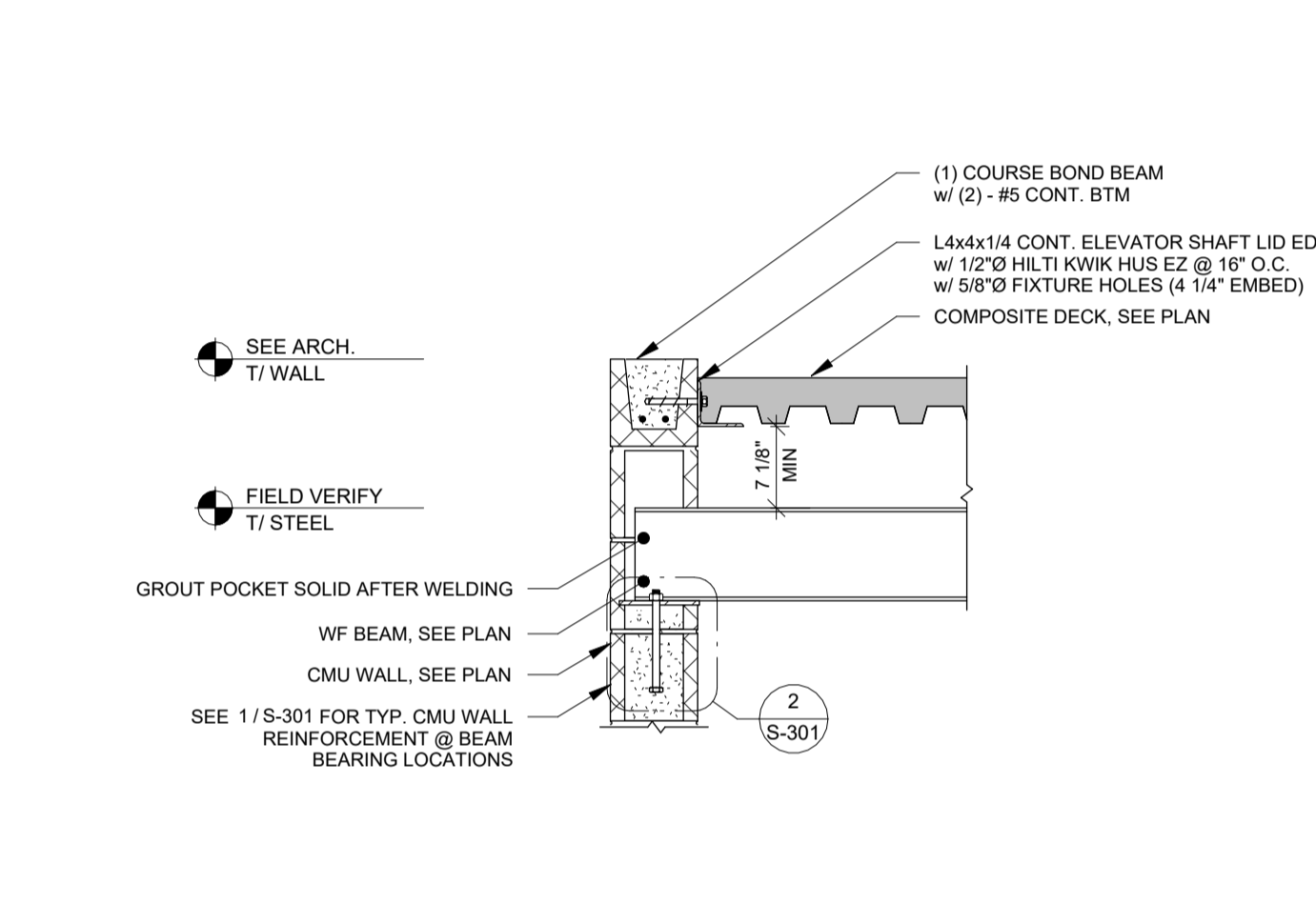
12 ADM SECOND FLOOR COILING DOOR & GLAZING SUPPORT SOUTH
3/4" = 1'-0"



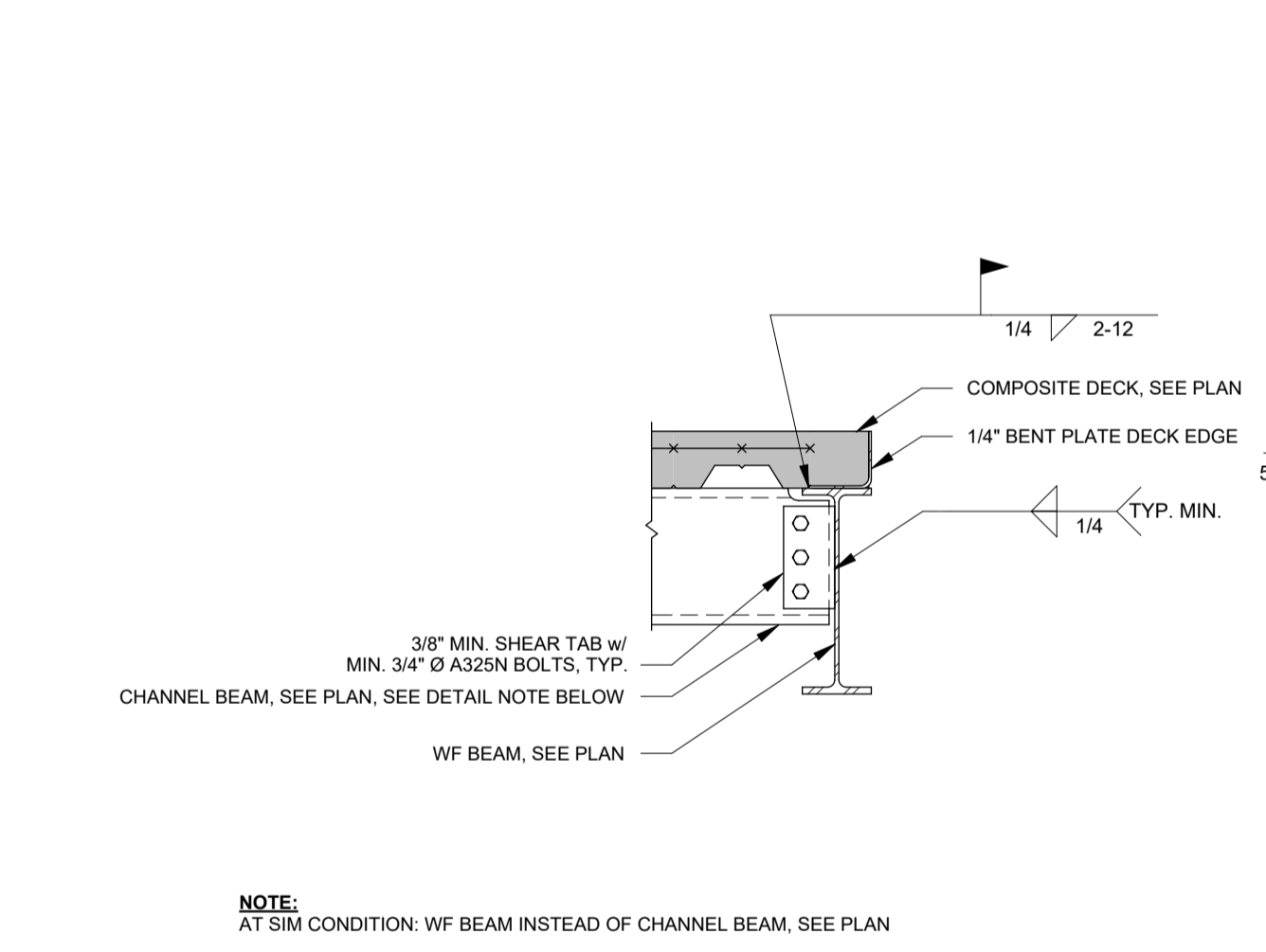
13 COILING DOOR & SMOKE CURTAIN SUPPORT POST AND BEAM
3/4" = 1'-0"



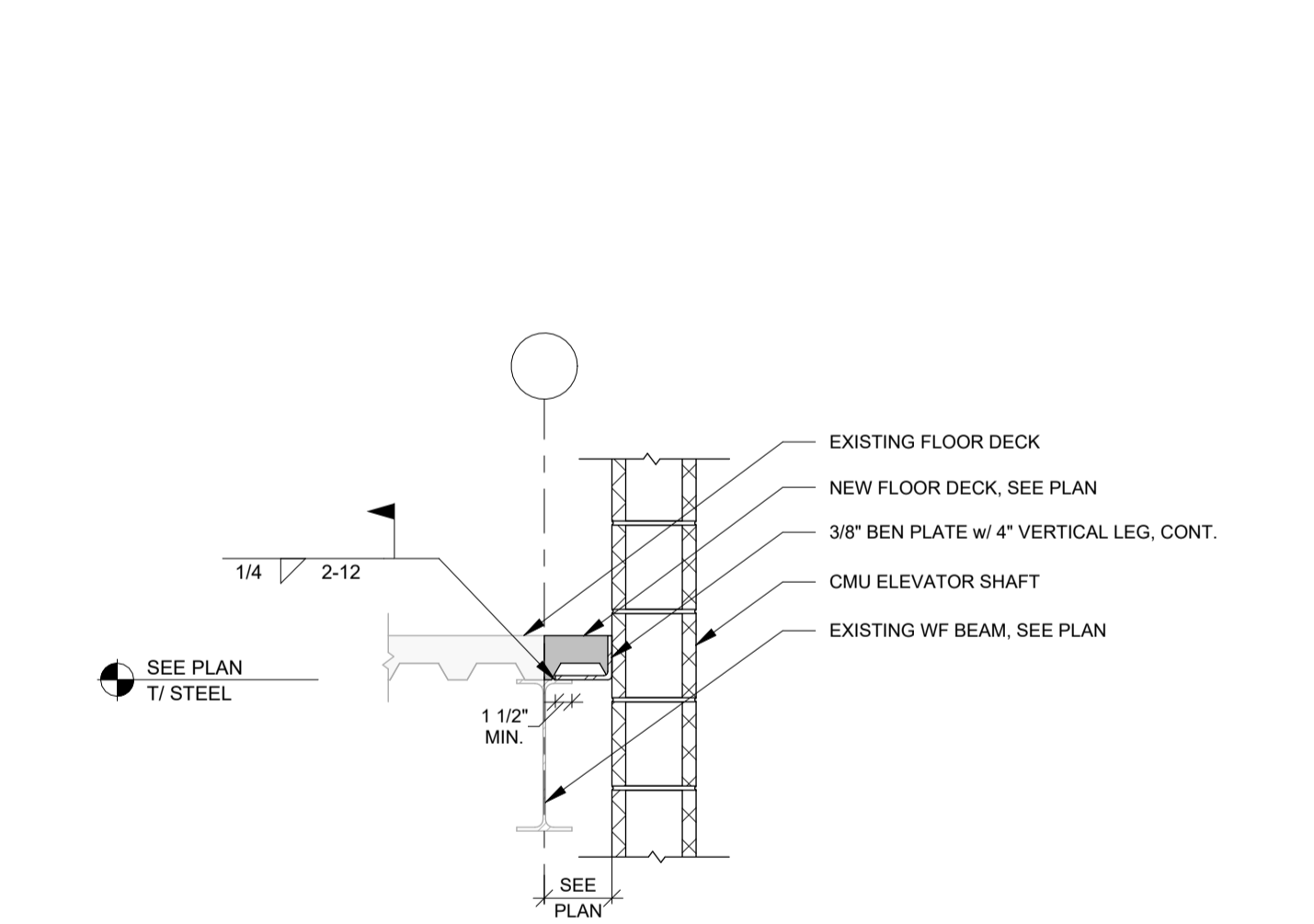
14 BEAM ABOVE OPERABLE PARTITION
3/4" = 1'-0"



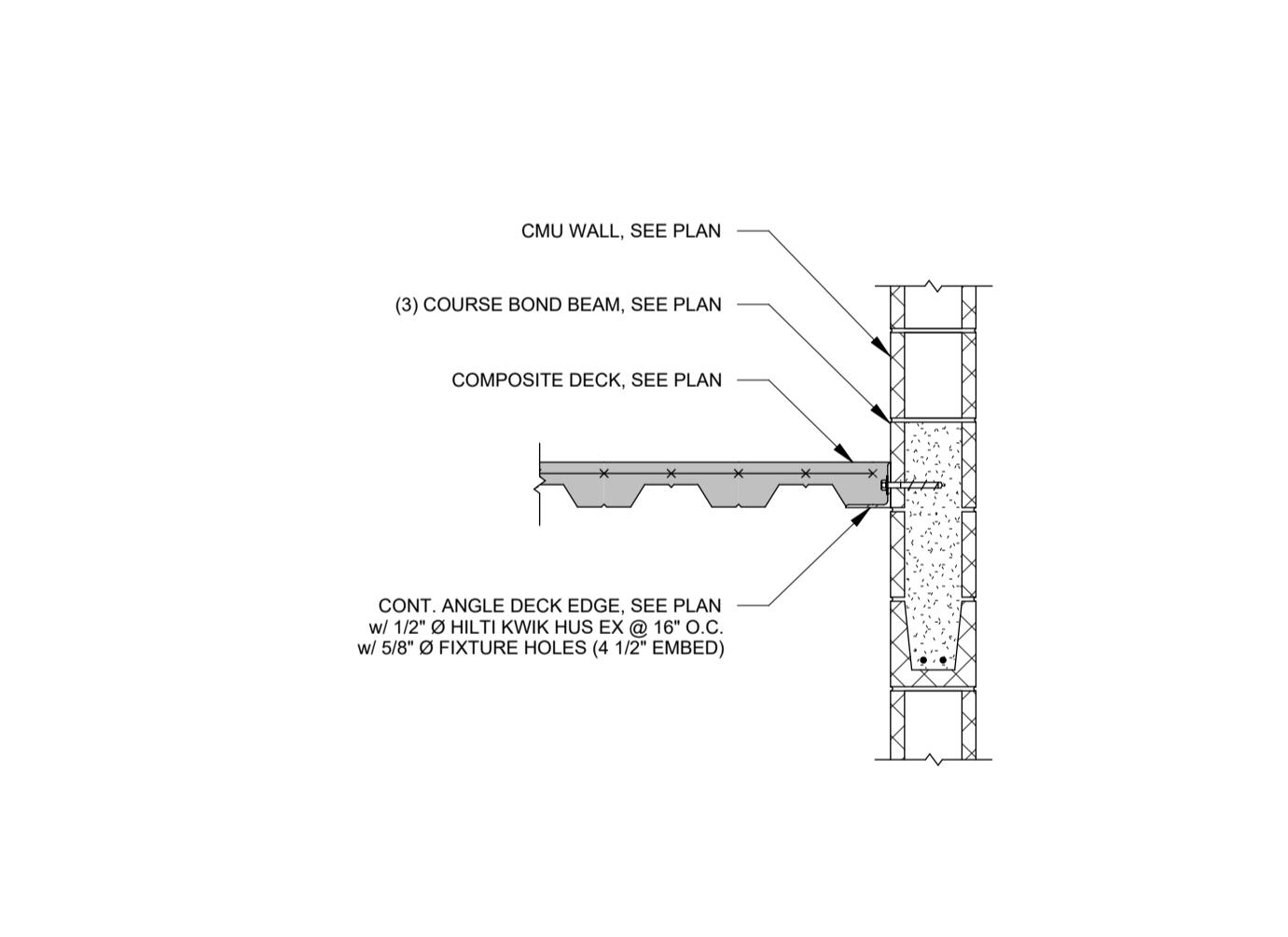
15 ADM ELEVATOR HOIST BEAM
3/4" = 1'-0"



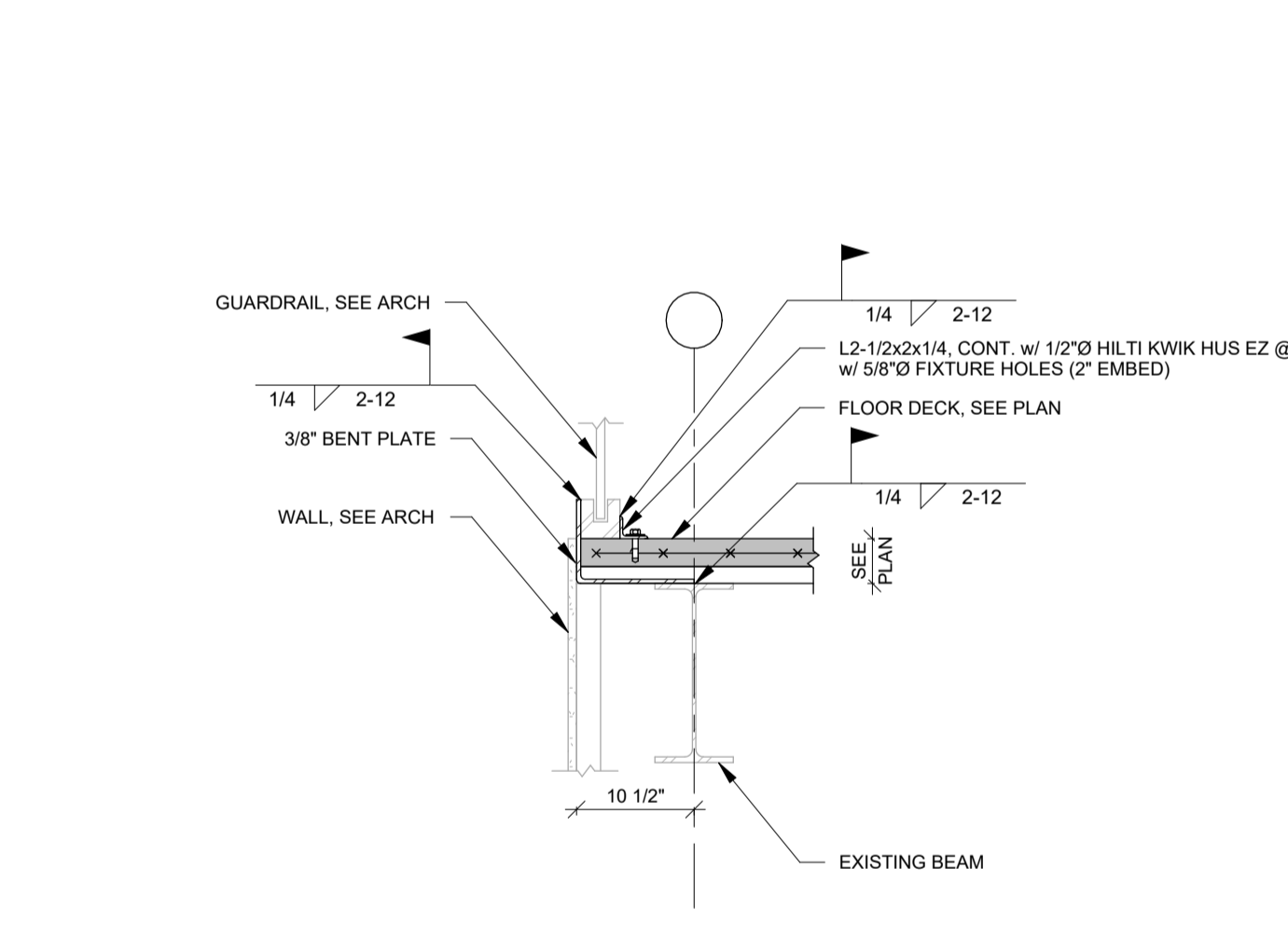
16 CHANNEL TO EXISTING WF
3/4" = 1'-0"



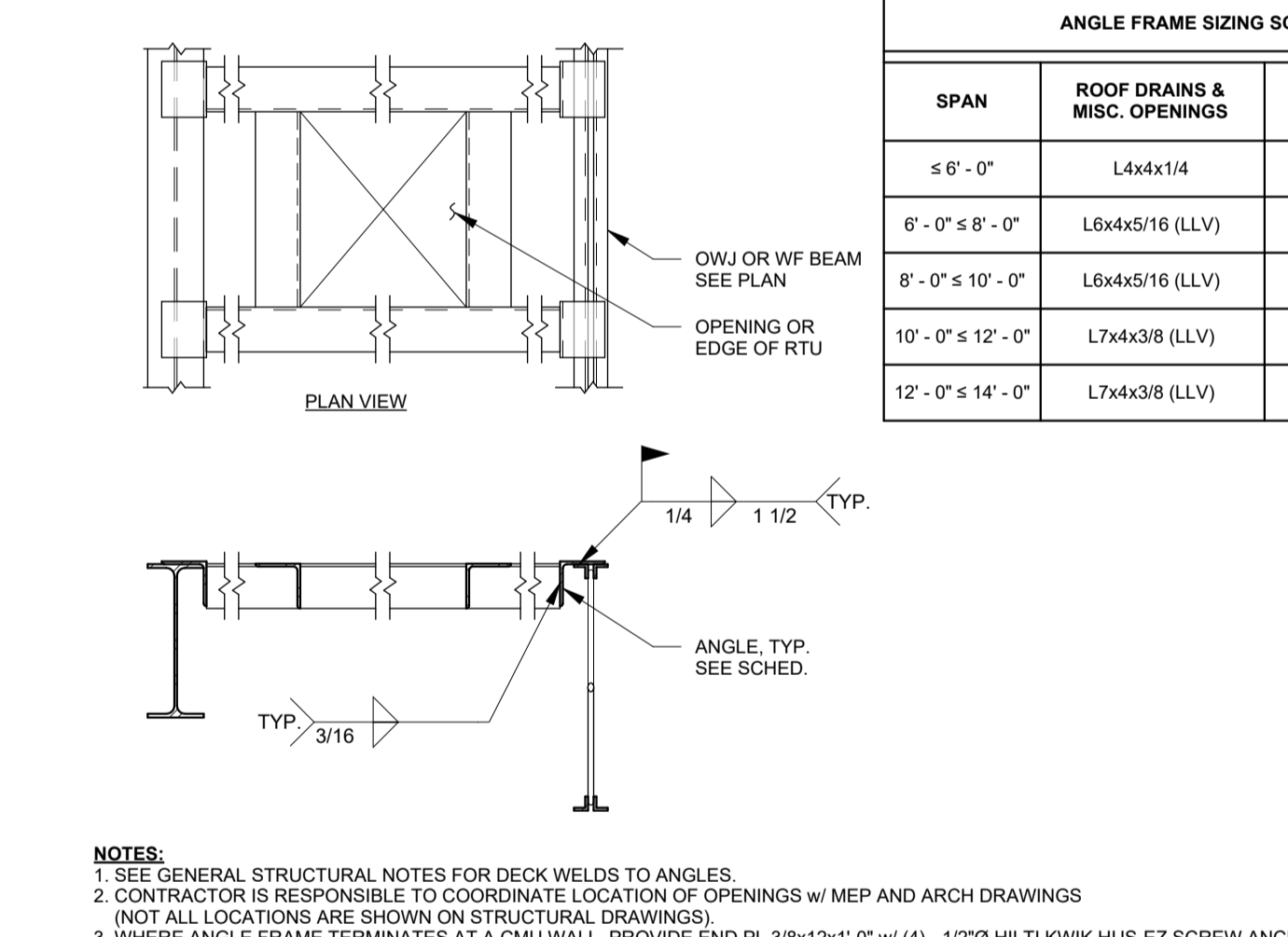
17 DECK BETWEEN ELEVATOR AND EXISTING SLAB
3/4" = 1'-0"



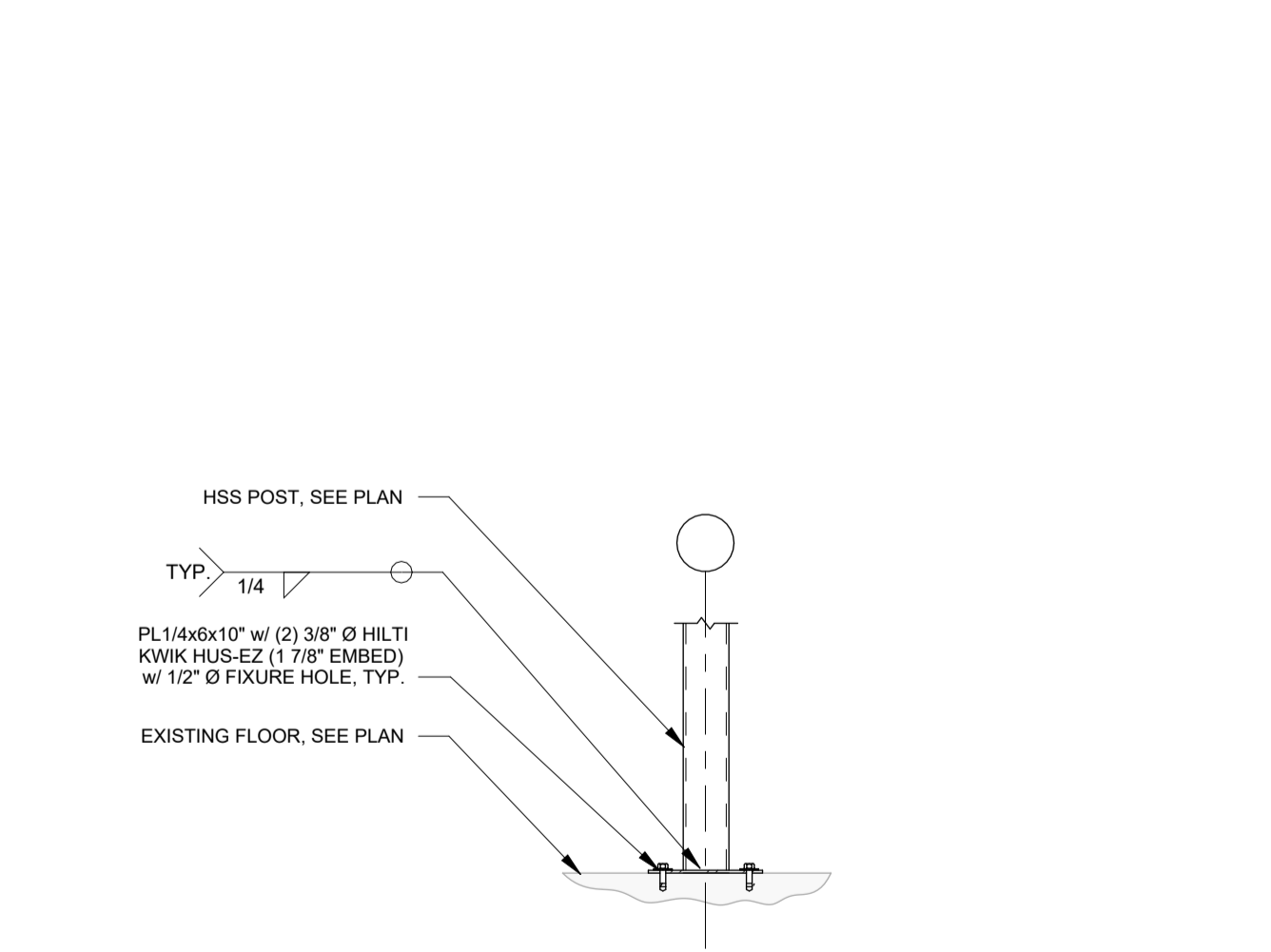
18 FRAMING DETAIL
3/4" = 1'-0"



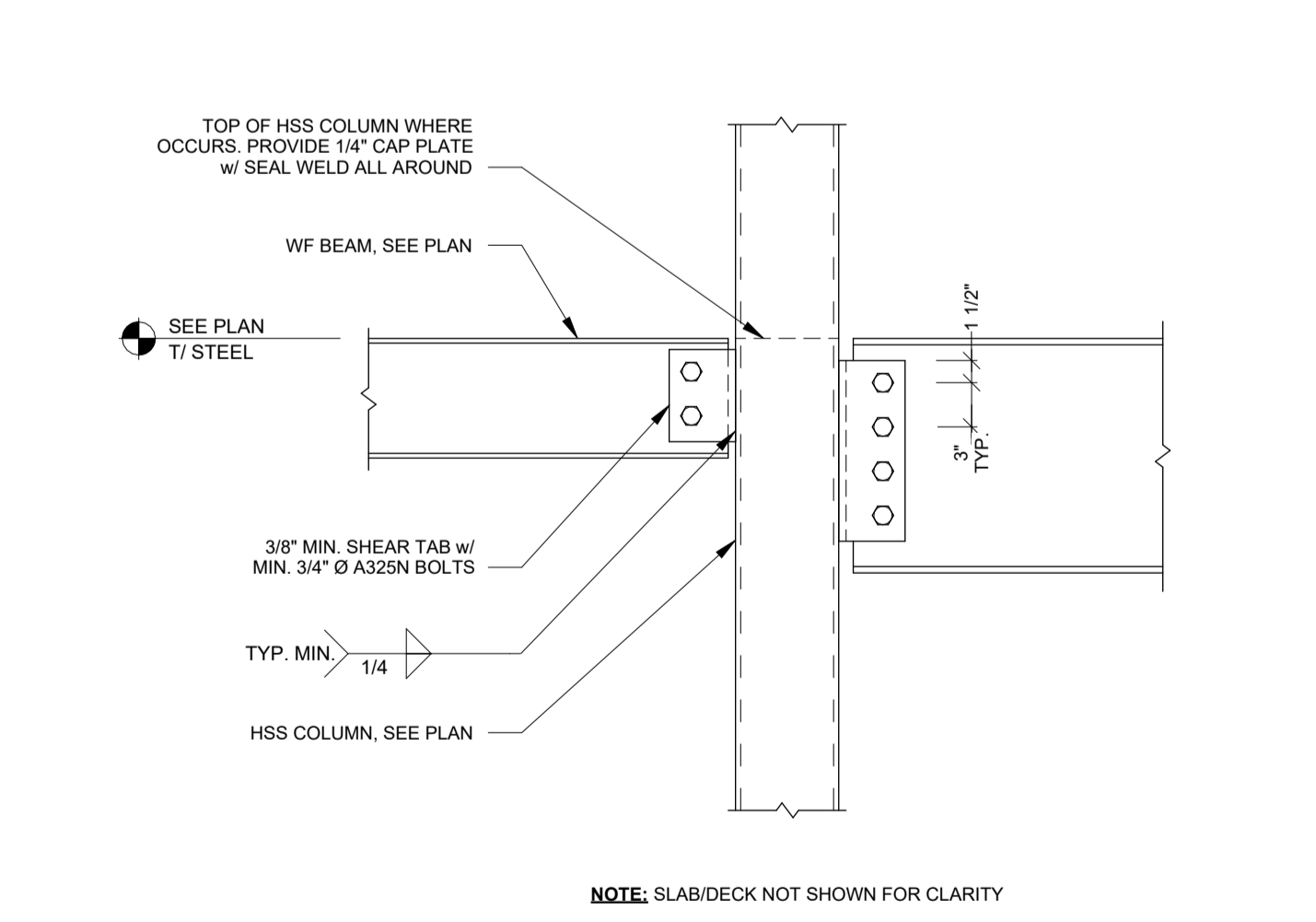
19 DECK EDGE @ ADM SECOND FLOOR GUARDRAIL
3/4" = 1'-0"



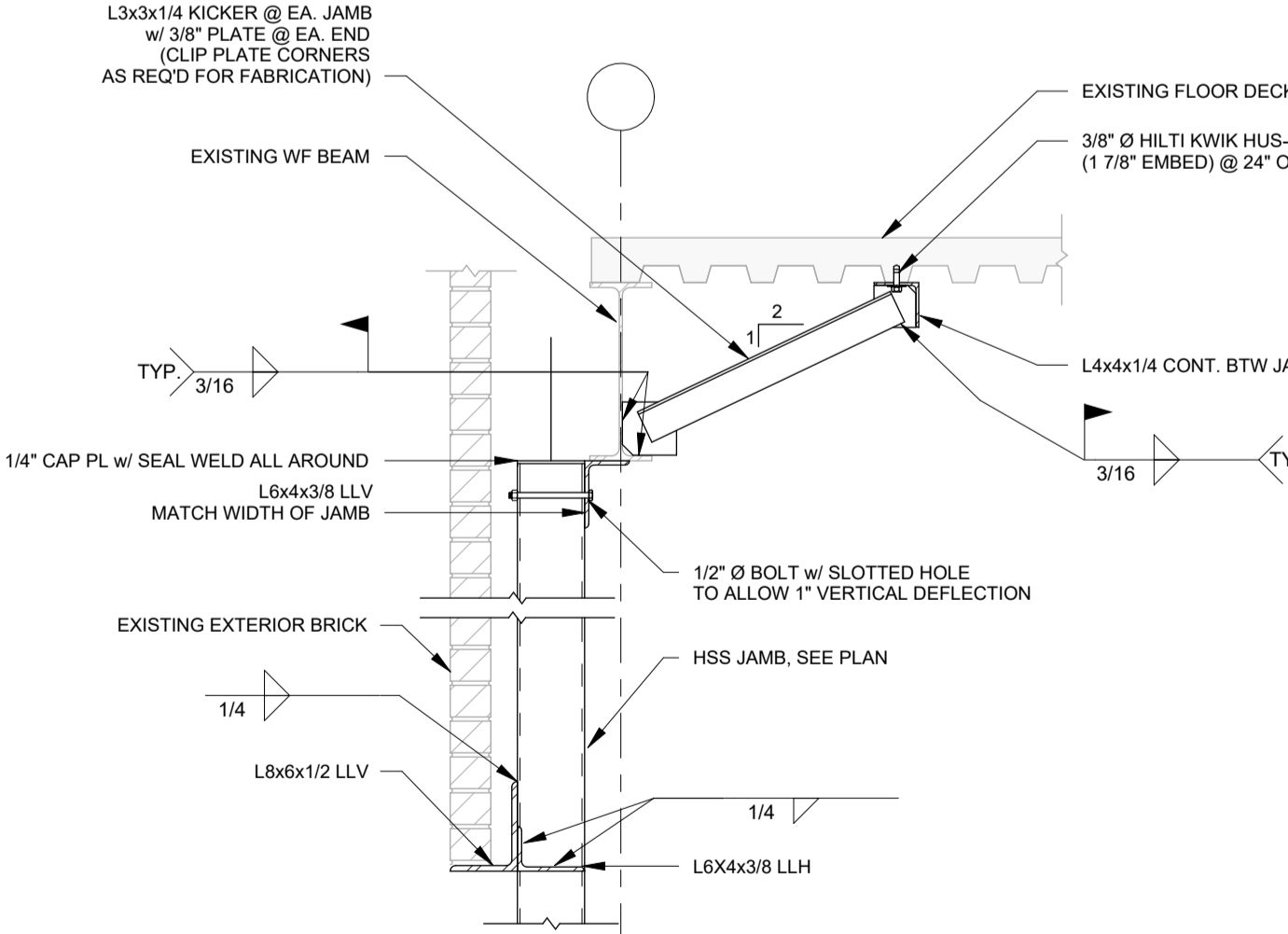
20 TYP. ANGLE FRAME
3/4" = 1'-0"



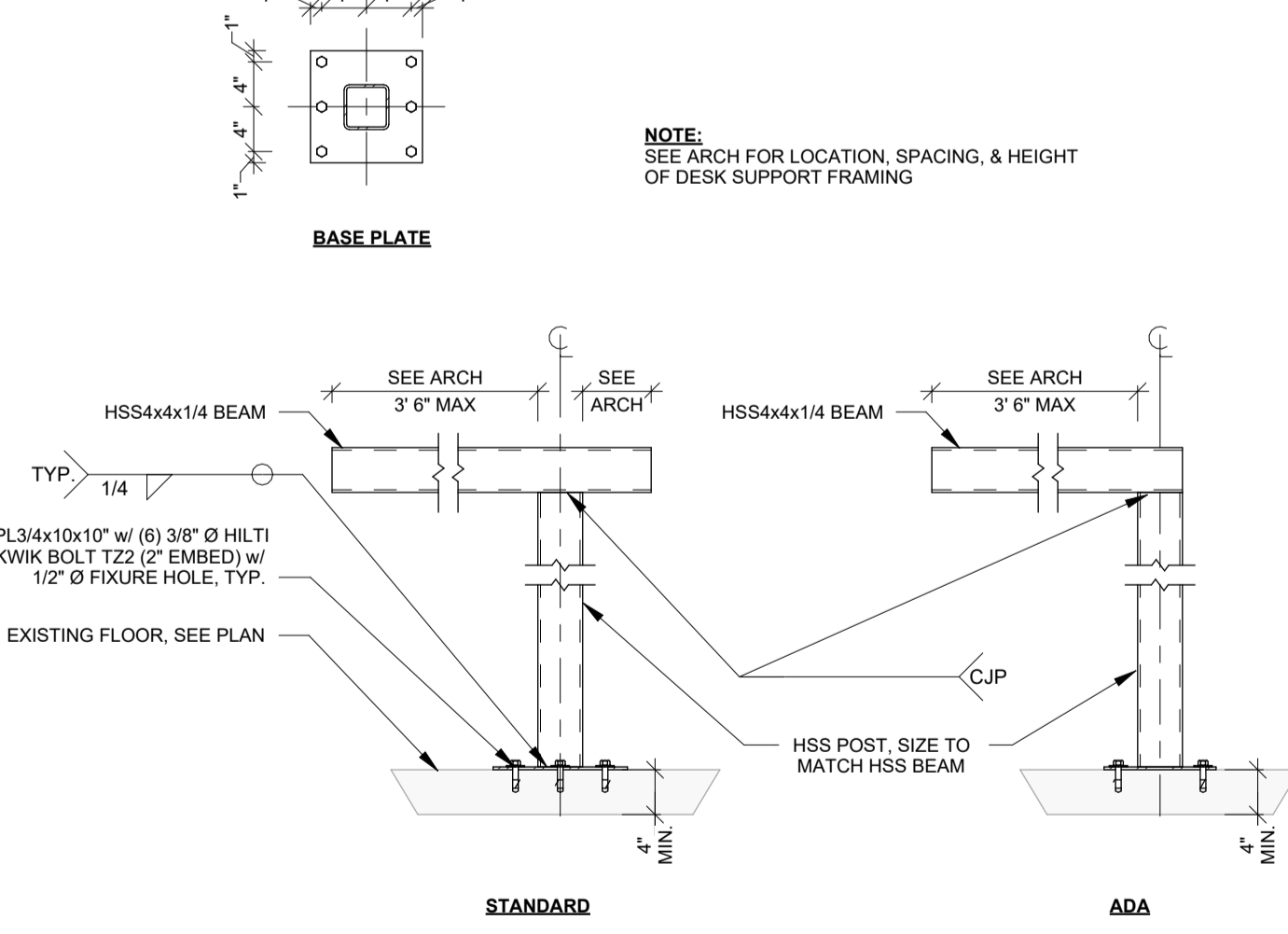
21 HSS POST TO FLOOR
3/4" = 1'-0"



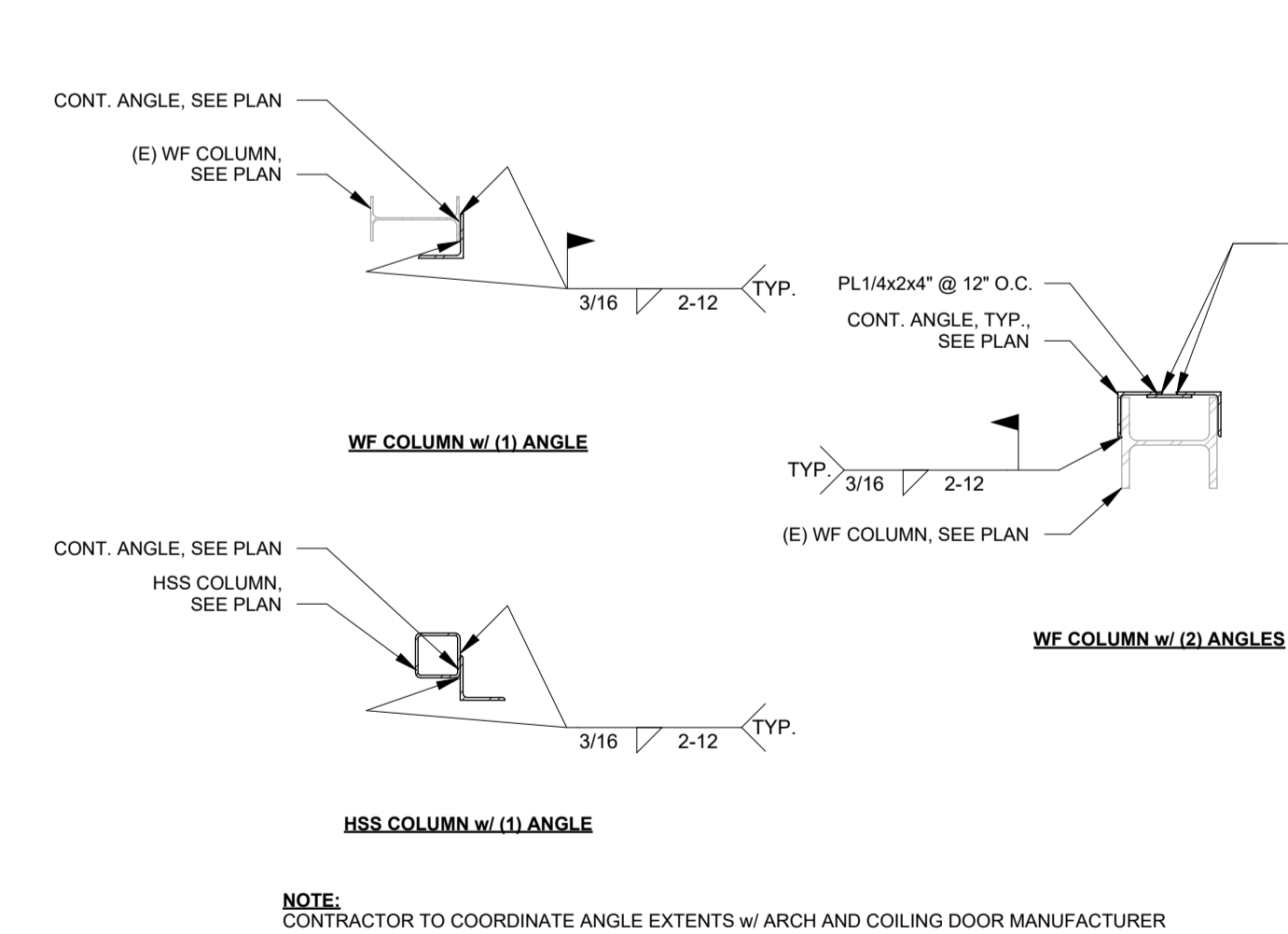
22 TYP. BEAM TO HSS COLUMN
1" = 1'-0"



23 HEADER @ EXTERIOR WALL
3/4" = 1'-0"



24 ADM DESK FRAMING
3/4" = 1'-0"



25 TRACK ANGLES TO COLUMNS
3/4" = 1'-0"

ANGLE FRAME SIZING SCHEDULE		
SPAN	ROOF DRAINS & MISC. OPENINGS	RTLS, EYES, CHAIRS, ETC.
6'-0" - 8'-0"	L6x4x8 (LLV)	L6x4x8 (LLV)
8'-0" - 10'-0"	L6x4x8 (LLV)	L6x4x8 (LLV)
10'-0" - 12'-0"	L7x4x8 (LLV)	L7x4x8 (LLV)
12'-0" - 14'-0"	L7x4x8 (LLV)	L6x4x8 (LLV)

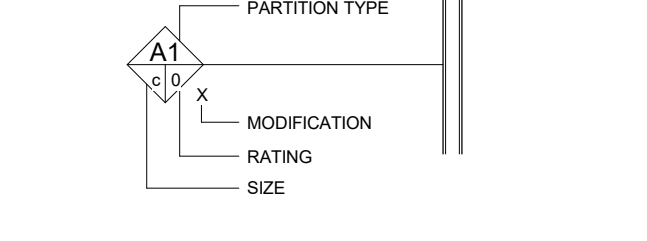
Revision	Description	Date

GENERAL NOTES

- REFER TO FLOOR PLANS FOR PARTITION TYPE LOCATIONS.
- STEEL FRAME PARTITIONS ARE BASED ON DESIGN INFORMATION INCLUDED IN PRODUCT TECHNICAL INFORMATION OF THE STEEL STUD MANUFACTURERS ASSOCIATION (SSMA) PUBLICATION DATED 2000 AND THE FOLLOWING PERFORMANCE CRITERIA:
 - A. LIMITING HEIGHT CRITERIA:
 - DEFLECTION OF L/360 AT ALL WALLS TO RECEIVE T.E.
 - DEFLECTION OF L/240 AT ALL OTHER WALLS AT 5 LBS. PER SQ. FT.
 - B. THICKNESS - STEEL COMPONENTS:

GAUGE	DESIGN THICKNESS
25	0.0188
22	0.0203
20	0.0246
18	0.0311
- MINIMUM GAUGE: IF LIMITING HEIGHT AS SCHEDULED IN PARTITION DETAILS EXCEEDS PROJECT CONDITIONS OR IF THE SELECTED STEEL STUD MANUFACTURERS THICKNESS OF STEEL COMPONENTS VARIES FROM THE BASIS OF DESIGN AS SET FORTH ABOVE, PROVIDE MANUFACTURERS STANDARD THICKNESS(GAUGE) THAT MEETS OR EXCEEDS LIMITING HEIGHT PERFORMANCE CRITERIA FOR STUD DEPTH AND SPACING INDICATED.
- WOOD BLOCKING CONCEALED BY GYPSUM BOARD DOES NOT NEED TO BE FIRE TREATED.
- ACOUSTIC PARTITIONS: REFER TO REFLECTED CEILING PLANS FOR ACOUSTIC PARTITIONS TO RECEIVE ACOUSTICAL BATT INSULATION AND SOUND SEALANT

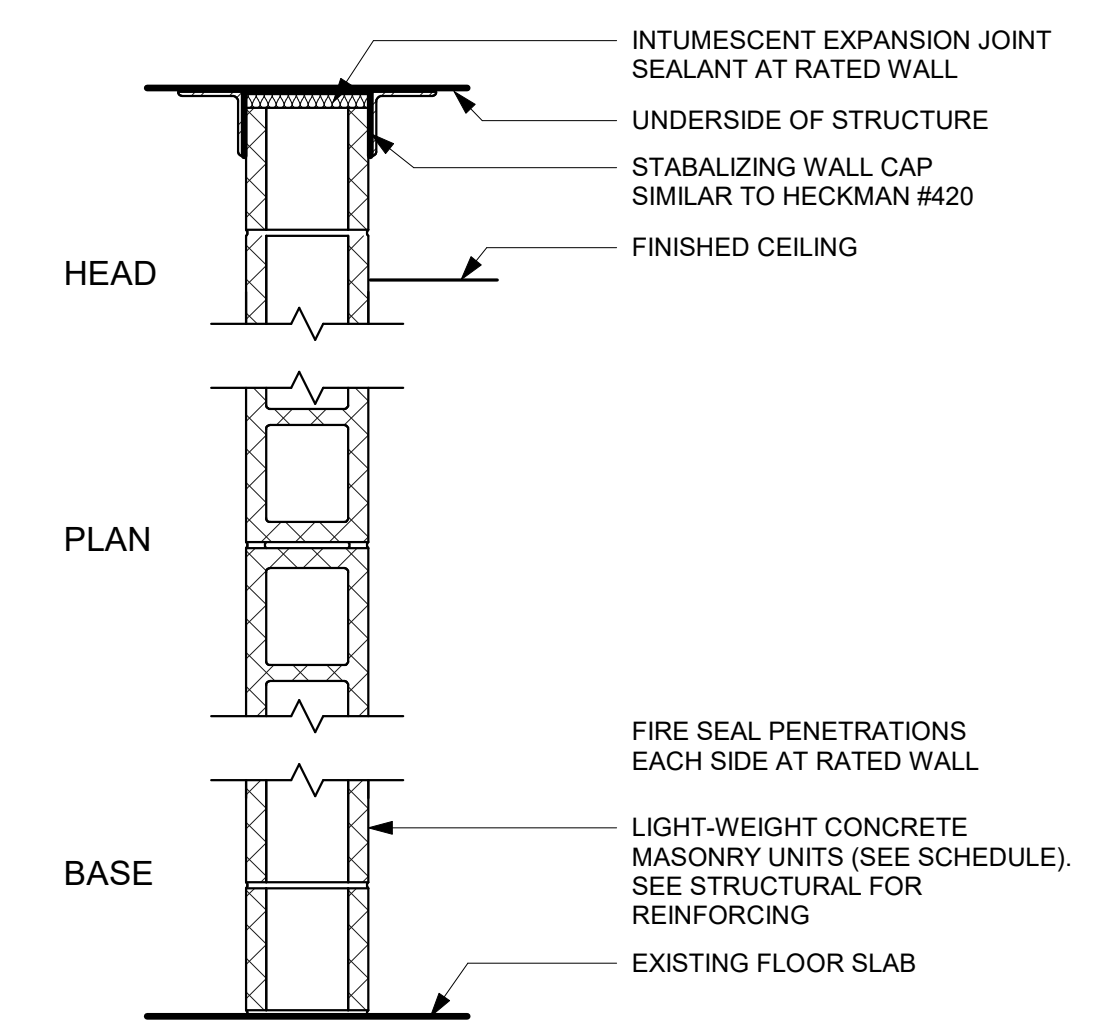
PARTITION TYPE AND SYMBOL LEGEND



PARTITION TYPE	SYSTEM
A	STEEL FRAMED
B	SHAFT WALL
C	FURRED
D	MASONRY
E	SPECIAL FINISHES
T	TEMPORARY PARTITION

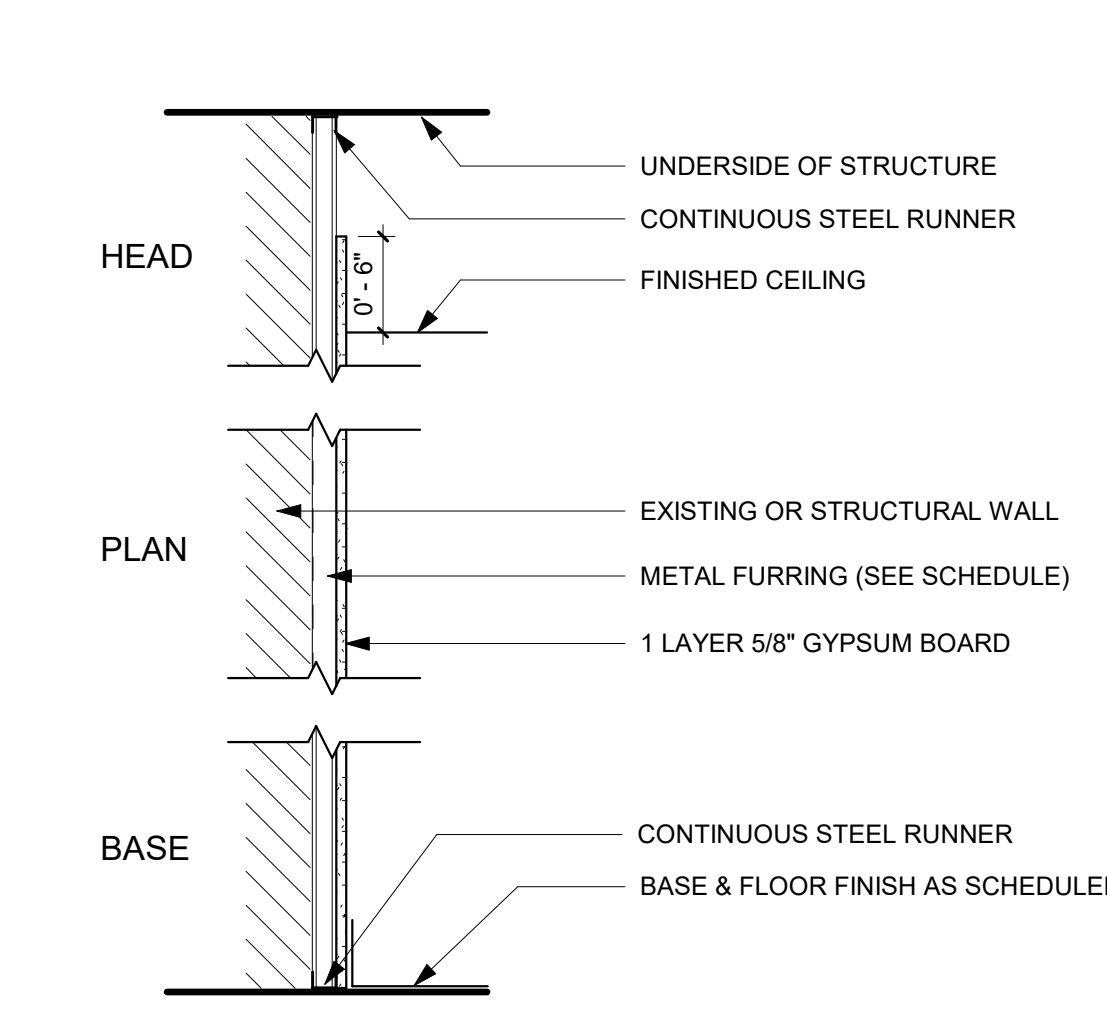
SIZE	STEEL STUD
a	1 5/8"
b	2 1/2"
c	3 5/8"
d	6"
e	8"
SHAFT WALL STUD	
f	2 1/2"
g	4"
h	6"
STEEL FURRING	
j	7/8" Hat Channel
k	1" Z
l	1 1/2" Z
m	2" Z
n	3" Z
CONCRETE MASONRY UNIT	
p	4"
q	6"
r	8"
s	10"
t	12"
LIGHT GAUGE STRUCTURAL STEEL (SEE STRUCTURAL)	
u	6"
v	12"

RATING	SMOKE
D	NON-RATED
S	SMOKE
1	1 HOUR
2	2 HOUR
3	3 HOUR
4	4 HOUR



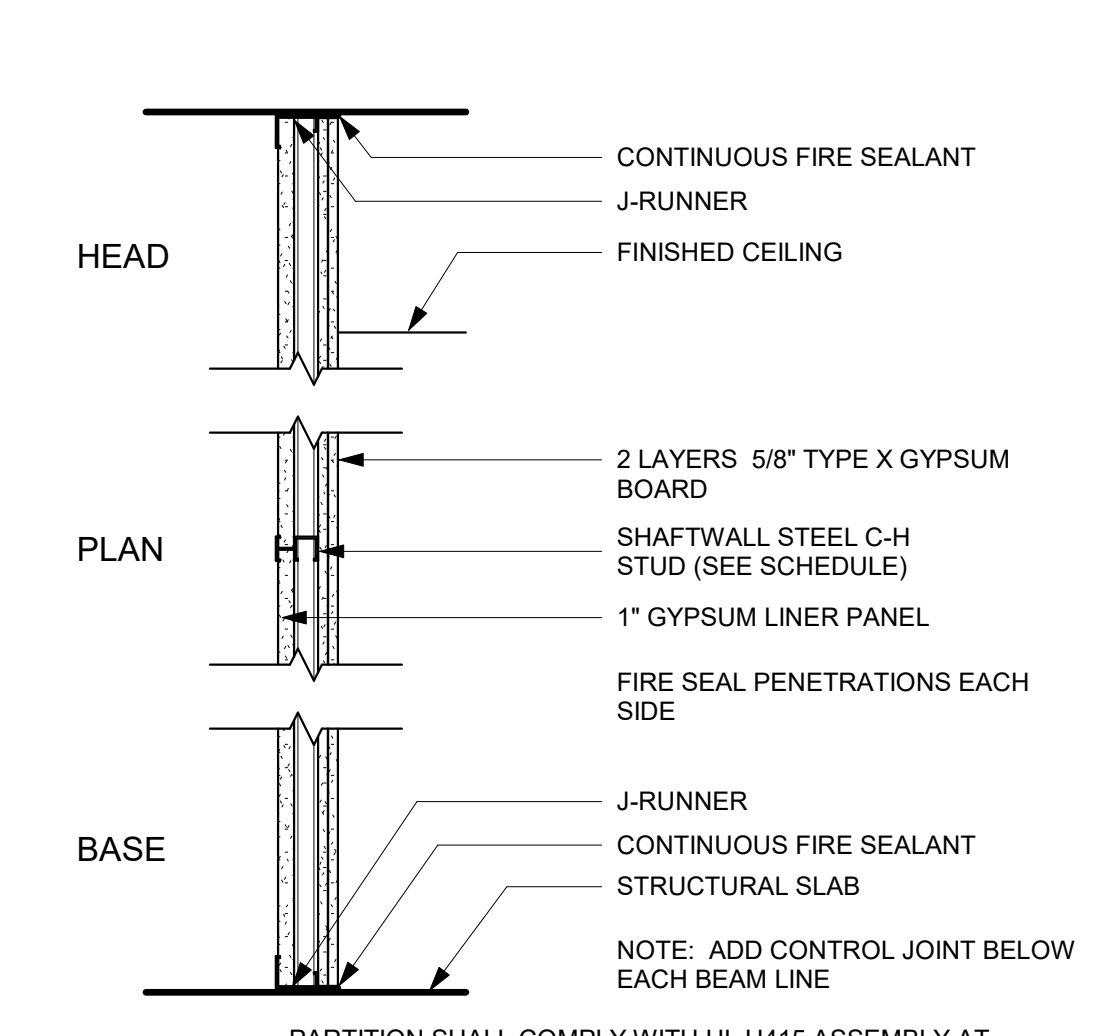
D1 CONCRETE MASONRY
NON RATED / 2 HOUR RATED / NON-LOAD BEARING

WIDTH	BLOCK SIZE
D1-4	4" x 3 5/8"
D1-6	6" x 5 5/8"
D1-8	8" x 7 5/8"
D1-10	10" x 9 5/8"
D1-12	12" x 11 5/8"



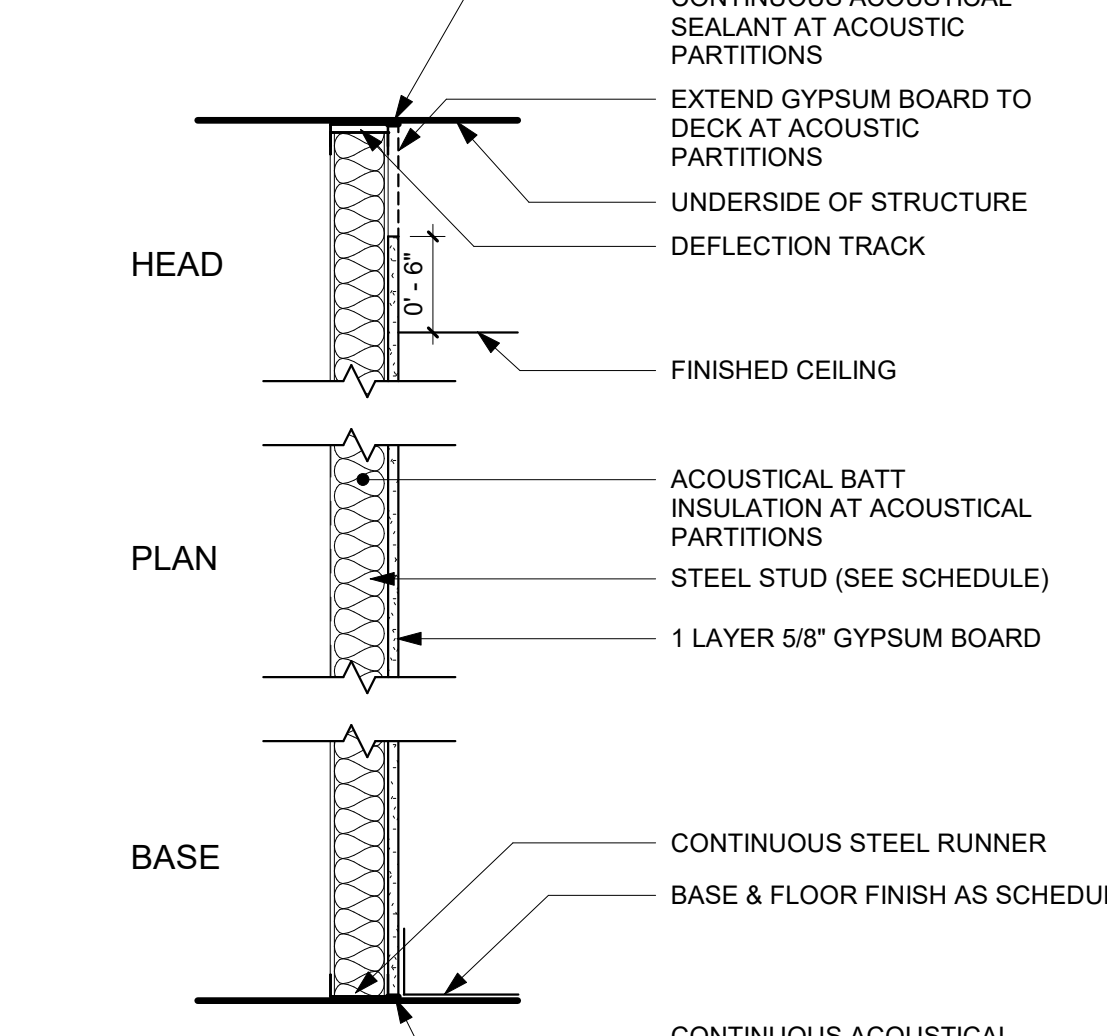
C1 FURRED PARTITION
NON RATED / NON-LOAD BEARING

WIDTH	STUD SIZE
C1-1 1/2	1 1/2" x 7/8"
C1-1 5/8	1 5/8" x 1"
C1-2 1/8	2 1/8" x 1 1/2"
C1-2 5/8	2 5/8" x 2"
C1-3 5/8	3 5/8" x 3"



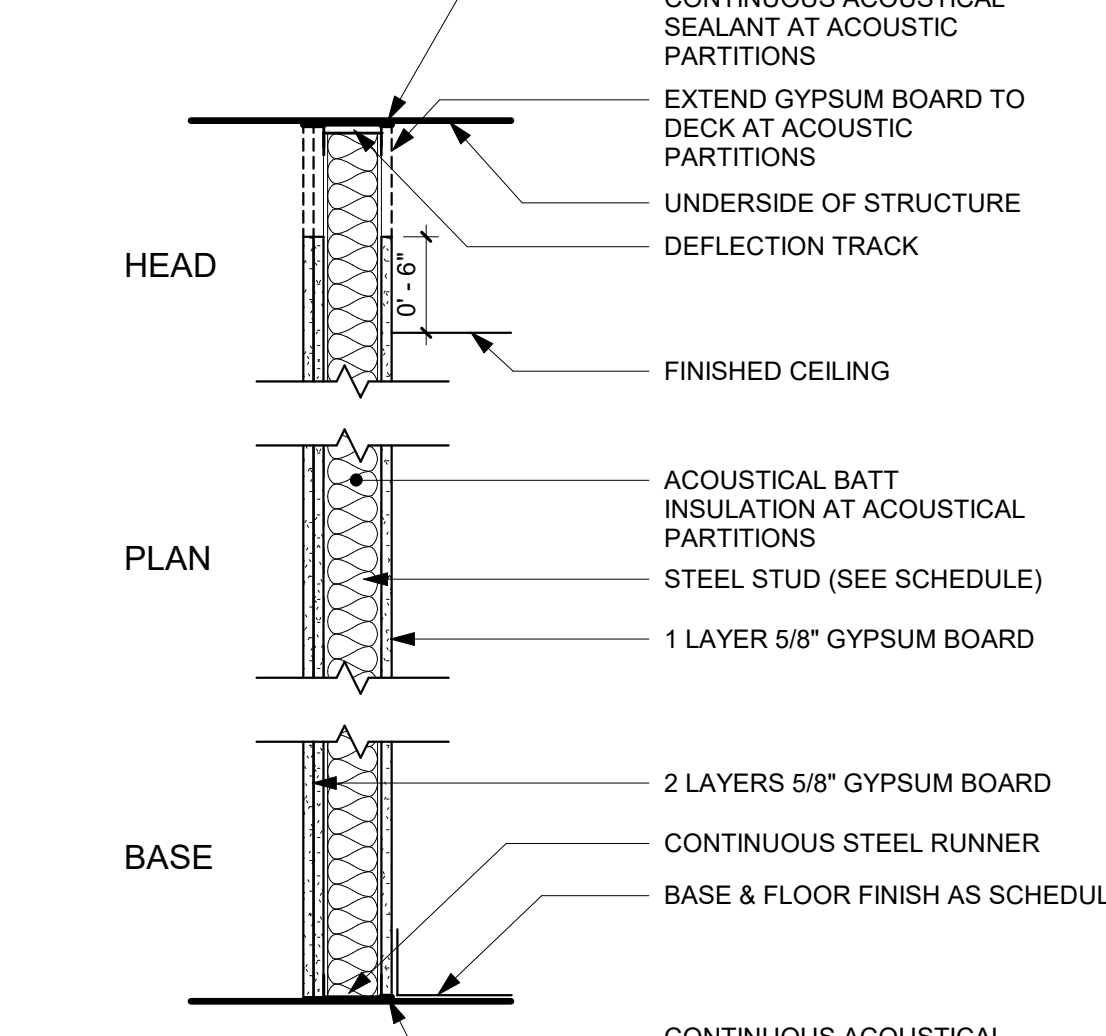
B1 SHAFTWALL PARTITION
2 HOUR RATED / NON-LOAD BEARING

WIDTH	STUD SIZE	UL DESIGN NUMBER
B1-3 1/8	2 1/2"	U415
B1-4 5/8	4"	U415
B1-6 5/8	6"	U415



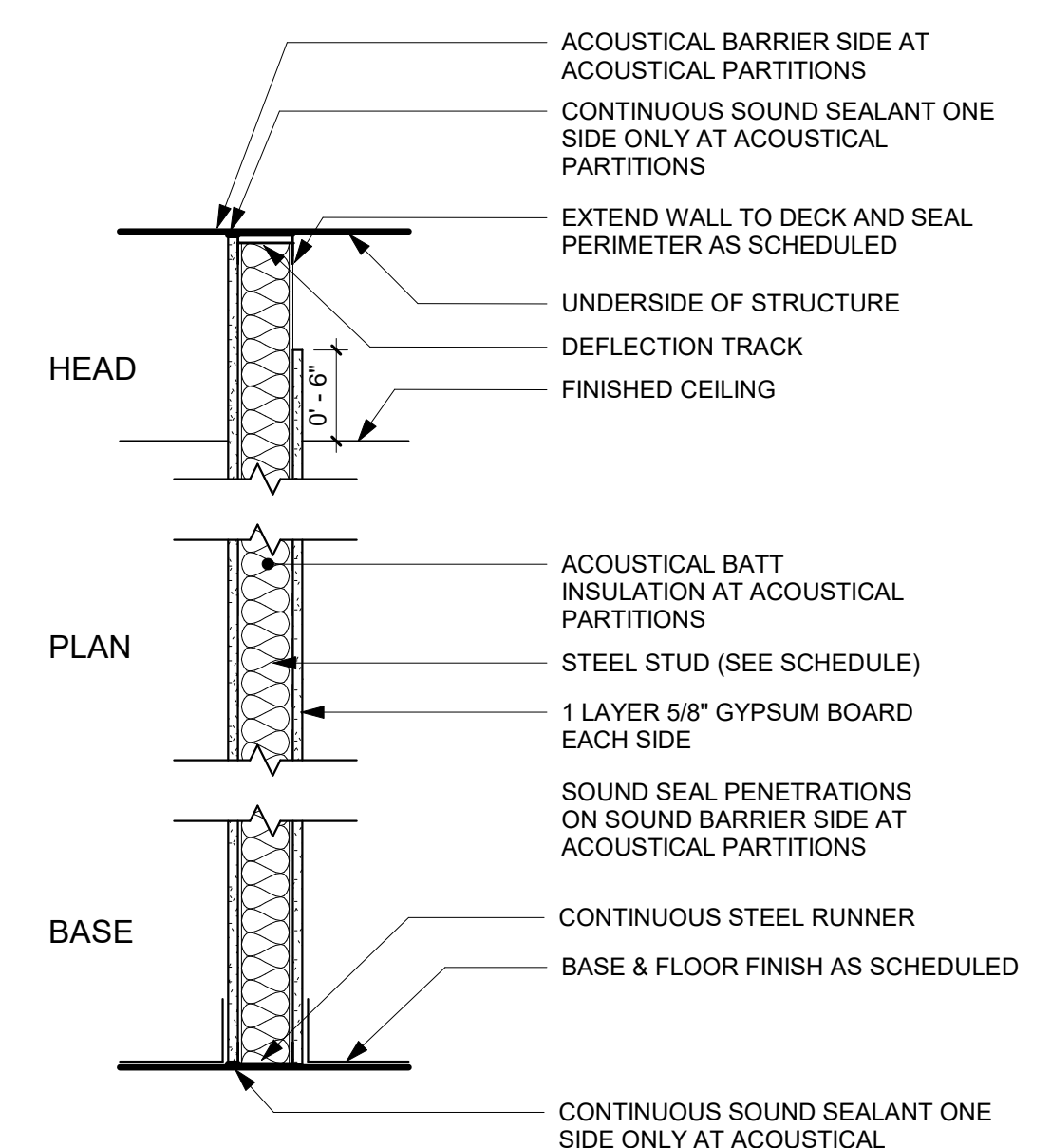
A2 STEEL FRAMED PARTITION
NON RATED / NON-LOAD BEARING

WIDTH	STUD SIZE
A2-2 1/4	1 5/8"
A2-4 1/4	3 5/8"
A2-6 5/8	6"
A2-2 1/4	1 5/8"
A2-4 1/4	3 5/8"
A2-6 5/8	6"



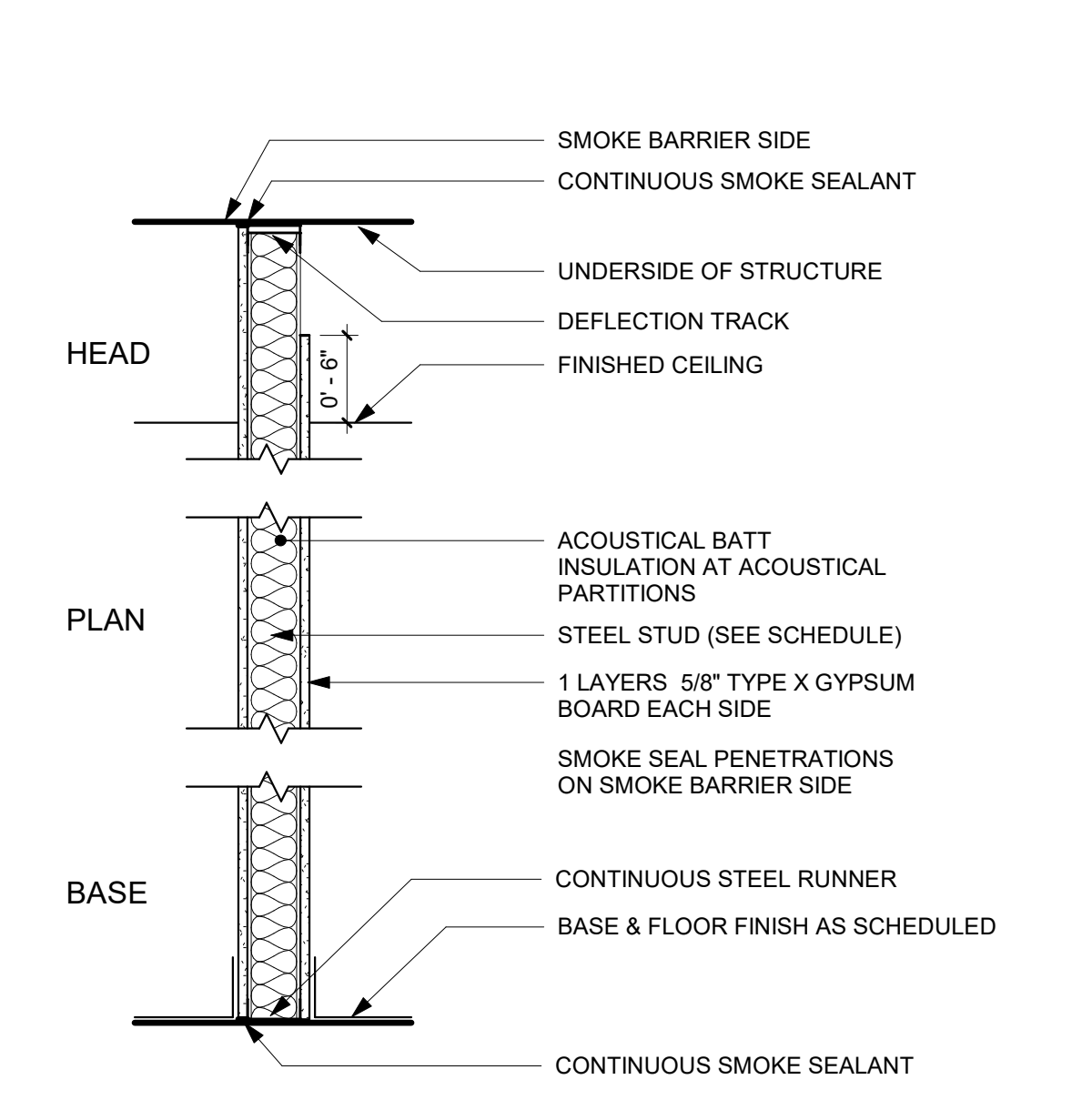
A3 STEEL FRAMED PARTITION
NON RATED / NON-LOAD BEARING

WIDTH	STUD SIZE
A3-3 1/2	1 5/8"
A3-5 1/2	3 5/8"
A3-7 7/8	6"
A3-3 1/2	1 5/8"
A3-5 1/2	3 5/8"
A3-7 7/8	6"



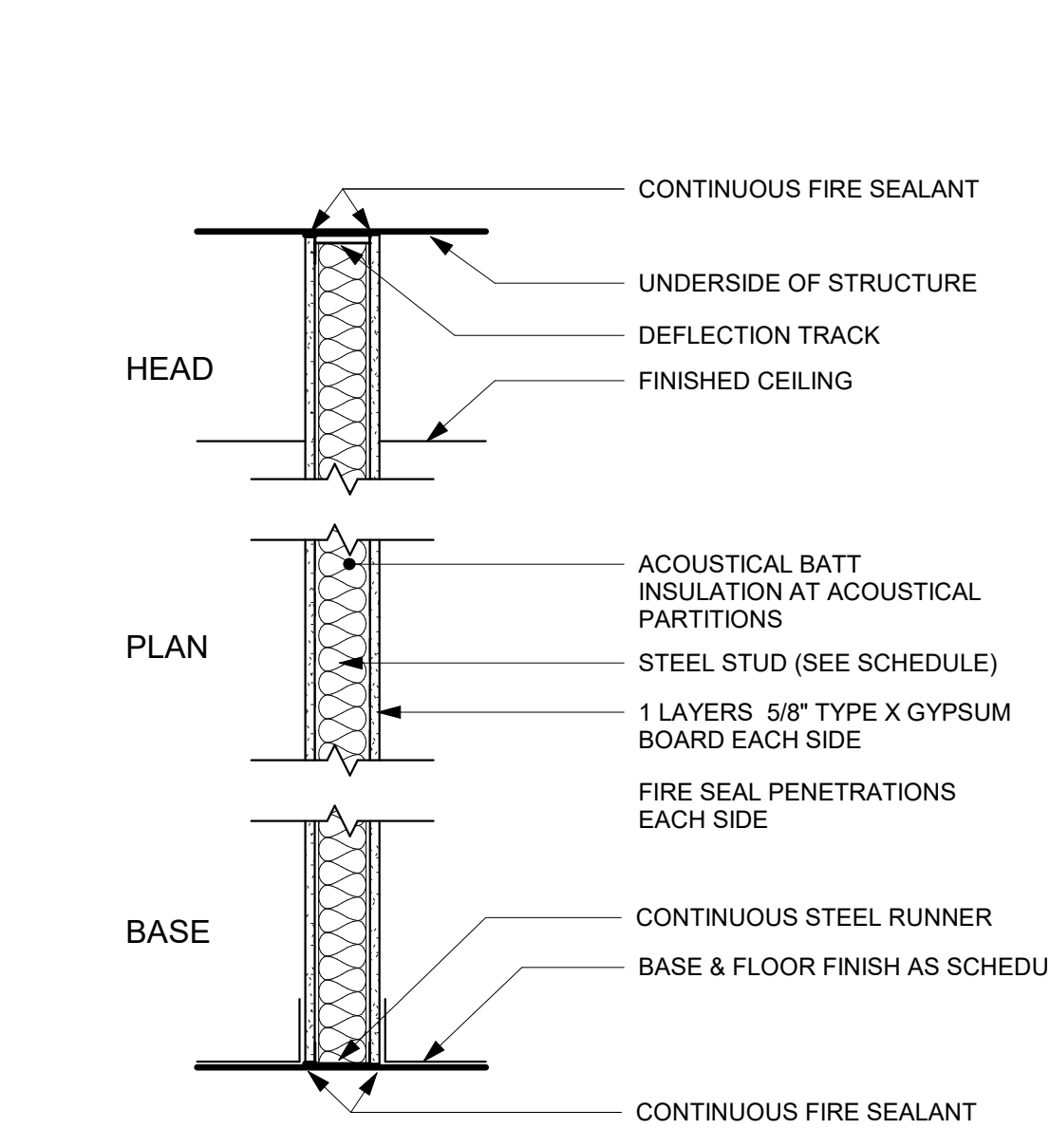
A1 STEEL FRAMED PARTITION
NON RATED / NON-LOAD BEARING

WIDTH	STUD SIZE
A1-4 7/8	3 5/8"
A1-7 1/4	6"
A1-4 7/8	3 5/8"
A1-7 1/4	6"
A1-9 1/4	8"



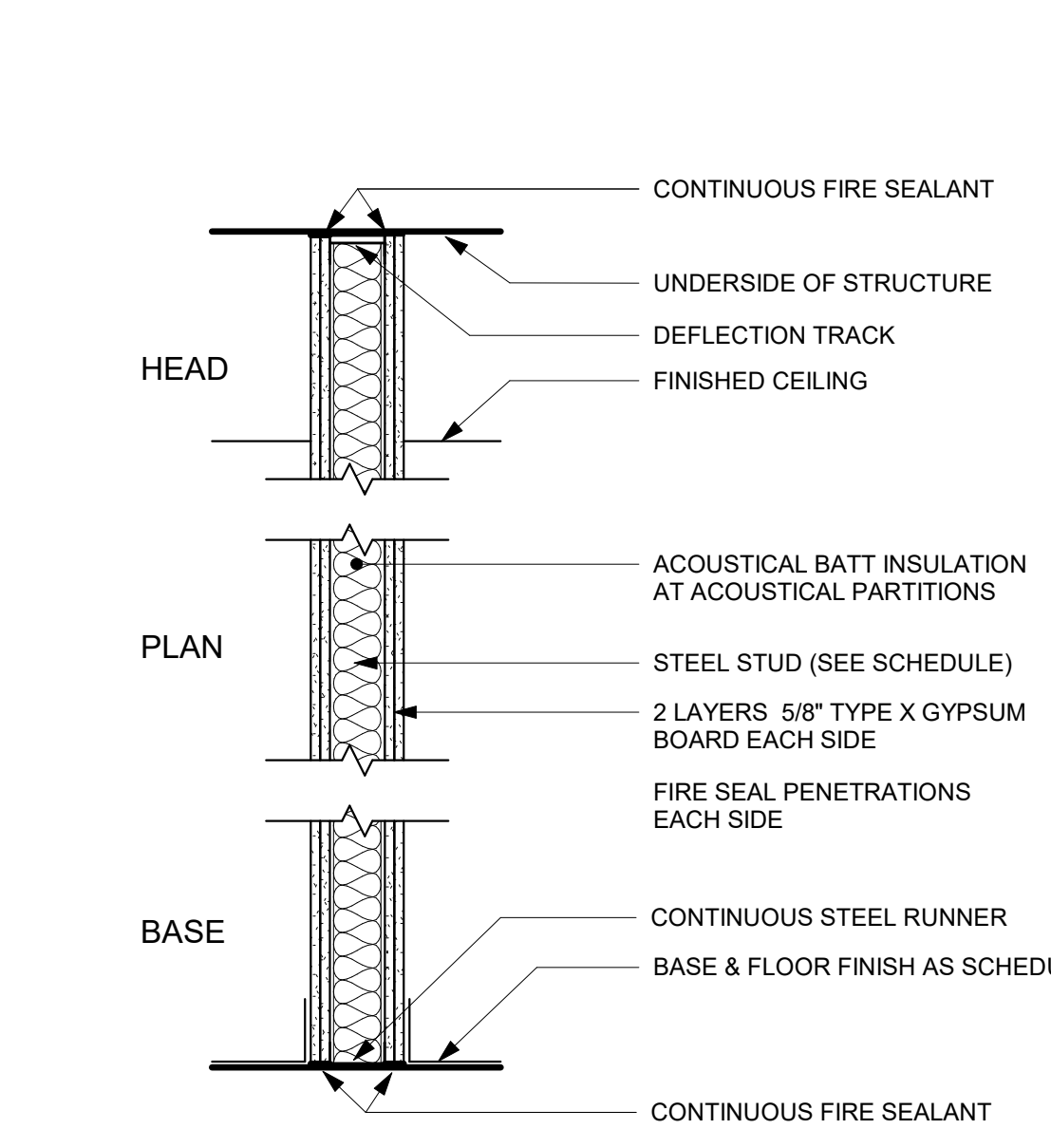
SMOKE RATED / NON-LOAD BEARING

WIDTH	STUD SIZE	UL DESIGN NUMBER
SMOKE-4 7/8	3 5/8"	U465
SMOKE-7 1/4	6"	U465
SMOKE-4 7/8	3 5/8"	U465
SMOKE-7 1/4	6"	U465
SMOKE-9 1/4	8"	U465



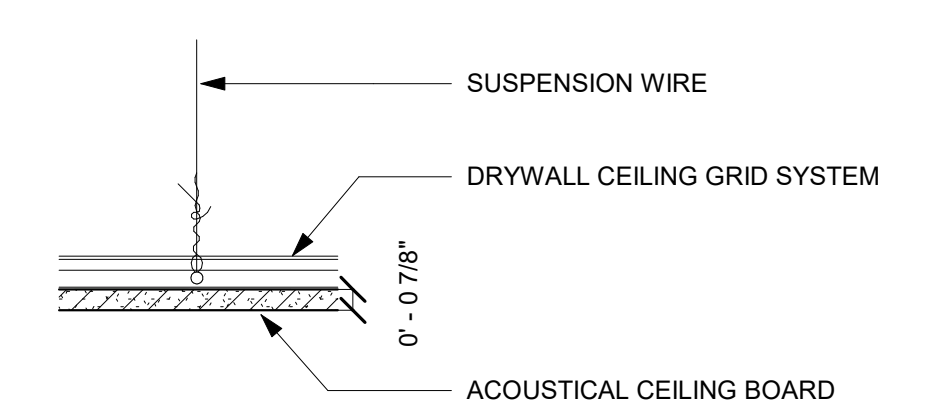
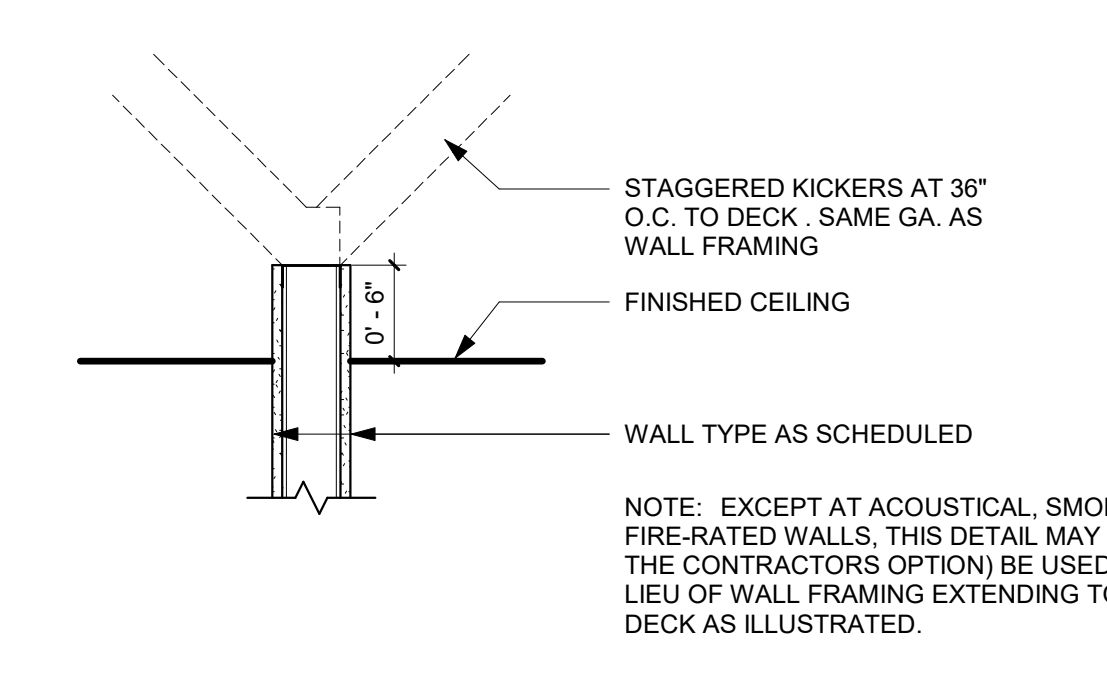
1 HR RATED / NON-LOAD BEARING

WIDTH	STUD SIZE	UL DESIGN NUMBER
1HR-4 7/8	3 5/8"	U465
1HR-7 1/4	6"	U465
1HR-4 7/8	3 5/8"	U465
1HR-7 1/4	6"	U465
1HR-9 1/4	8"	U465



2 HOUR RATED / NON-LOAD BEARING

WIDTH	STUD SIZE	UL DESIGN NUMBER
2HR-4 7/8	3 5/8"	U411
2HR-7 1/4	6"	U411
2HR-4 7/8	3 5/8"	U411
2HR-7 1/4	6"	U411



GWB-2 CEILING ASSEMBLY
NON RATED

GENERAL NOTES

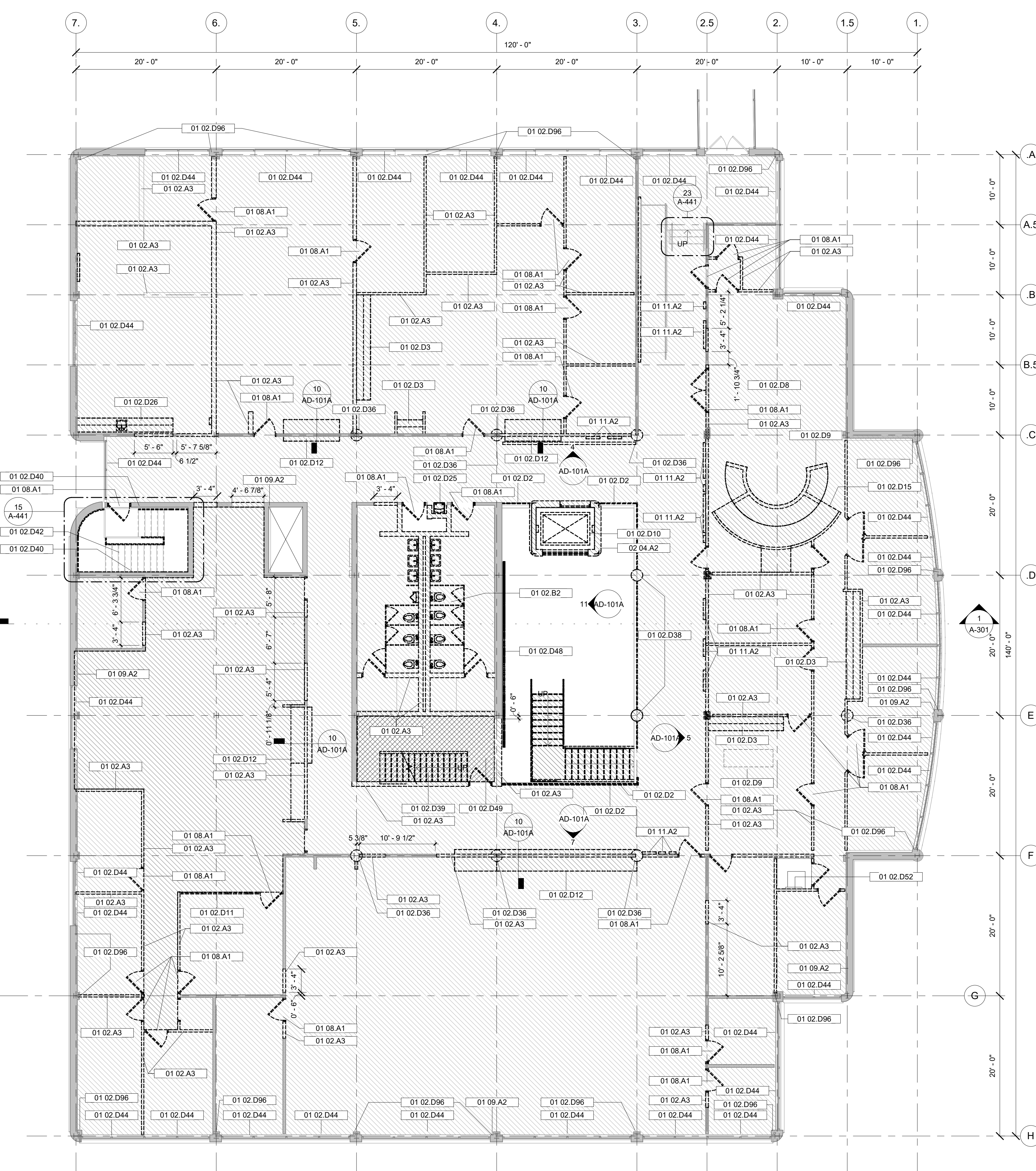
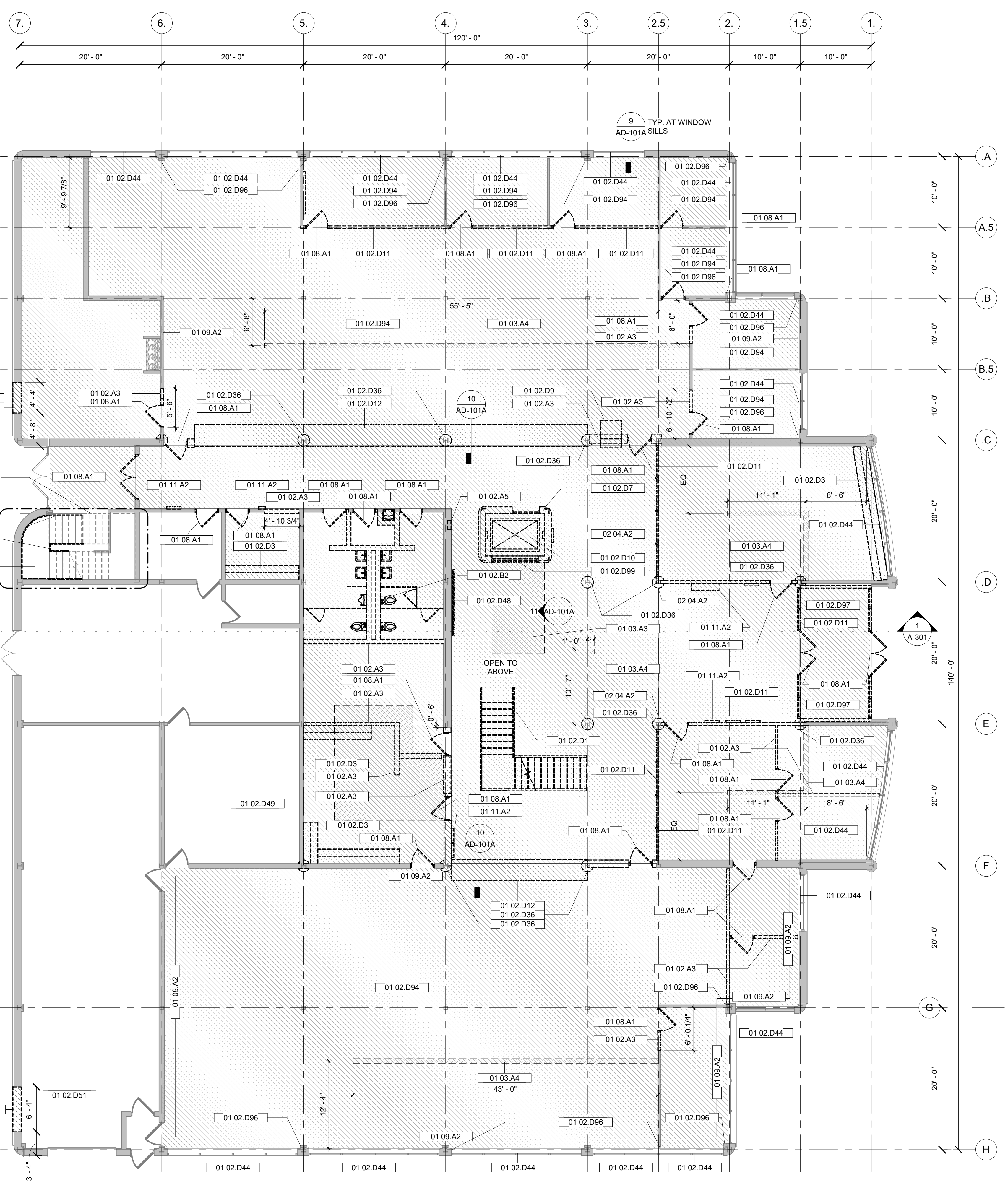
- IDENTIFICATION AND/OR ABATEMENT OF HAZARDOUS MATERIALS IS NOT PART OF THIS SCOPE OF WORK. IF ASBESTOS OR OTHER HAZARDOUS MATERIALS ARE ENCOUNTERED, THE CONTRACTOR SHALL NOTIFY THE OWNER IMMEDIATELY.
- REMOVE LOOSE PAINT AND MISCELLANEOUS HANGING OBJECTS FROM WALLS AND CEILING AT ALL AREAS TO RECEIVE NEW FINISHES.
- OPENING IN THE EXISTING STRUCTURE SMALLER THAN 12" IN ANY DIRECTION ARE NOT IDENTIFIED ON THESE DRAWINGS. SUB-CONTRACTORS SHALL BE RESPONSIBLE FOR PROVIDING OPENINGS SMALLER THAN 12" AS REQUIRED FOR INSTALLATION OF THEIR WORK.
- OPENINGS IN THE EXISTING STRUCTURE SHALL NOT BE MADE WITHOUT PRIOR APPROVAL OF THE STRUCTURAL ENGINEER.
- PATCH AND REPAIR ALL EXISTING FLOOR SLABS AND WALL SURFACES DAMAGED FROM DEMOLITION OR PRIOR USE.
- PATCH ALL AREAS OF ELECTRICAL AND MECHANICAL DEMOLITION THAT WILL NOT BE REUSED.
- CONTRACTOR TO FIELD VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS. IN THE EVENT OF A DISCREPANCY BETWEEN THE DRAWINGS AND THE EXISTING CONDITIONS, NOTIFY THE ARCHITECT BEFORE PROCEEDING.
- DO NOT REMOVE ANY ITEMS WHICH SEPARATE THE STRUCTURE FROM THE INTEGRITY OF THE BUILDING. IF HIDDEN ELEMENTS ARE ENCOUNTERED, NOTIFY THE ARCHITECT IMMEDIATELY.
- EXISTING BUILDING IS TO REMAIN WEATHER-TIGHT DURING ALL DEMOLITION ACTIVITIES.
- REFER TO CONSULTANT DRAWINGS FOR ADDITIONAL DEMOLITION OF OTHER DISCIPLINES.
- PROTECT ALL ADJACENT AREAS AND ITEMS TO REMAIN DURING DEMOLITION CONSTRUCTION. REPAIR/REPLACE ALL ITEMS DAMAGED DURING CONSTRUCTION.
- THE EXISTING BUILDING CONDITIONS SHOWN ON THESE DRAWINGS ARE ASSUMED TO BE REPRESENTATIVE OF THE ACTUAL CONSTRUCTION OF THE BUILDING. BASED ON DRAWINGS OF THE ORIGINAL BUILDING AND LIMITED FIELD OBSERVATION, HOWEVER, IT SHOULD BE NOTED THAT LOCAL CONDITIONS MAY VARY FROM THOSE INDICATED.
- THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ADEQUATE MEANS OF EGRESS AS NEEDED AS A RESULT OF CONSTRUCTION SEQUENCING AND/OR REGULATORY REQUIREMENTS.
- REFER TO PLUMBING DRAWINGS FOR SLAB REMOVAL FOR INSTALLATION OF NEW UNDERSLAB PLUMBING WORK.
- REFER TO ELECTRICAL DRAWINGS FOR SLAB REMOVAL FOR INSTALLATION OF NEW FLOOR BOXES AND UNDERSLAB CONDUIT.

DEMOLITION LEGEND

- DENOTES AREA OF COMPLETE REMOVAL OF AN EXISTING BUILDING ELEMENT
- DENOTES AREA OF COMPLETE REMOVAL OF FLOOR FINISH AND CEILING FINISH
- DENOTES AREA OF COMPLETE REMOVAL EXISTING FLOOR SLAB
- DENOTES AREA OF COMPLETE REMOVAL STRUCTURAL FRAMING AND COMPOSITE DECK. SEE STRUCTURAL
- DENOTES AREA OF COMPLETE REMOVAL OF CEILING
- DENOTES EXISTING SHELL SPACE. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR DETAILED REMOVAL INFORMATION
- DENOTES EXISTING TO REMAIN
- DENOTES EXISTING DOOR AND FRAME TO BE COMPLETELY REMOVED

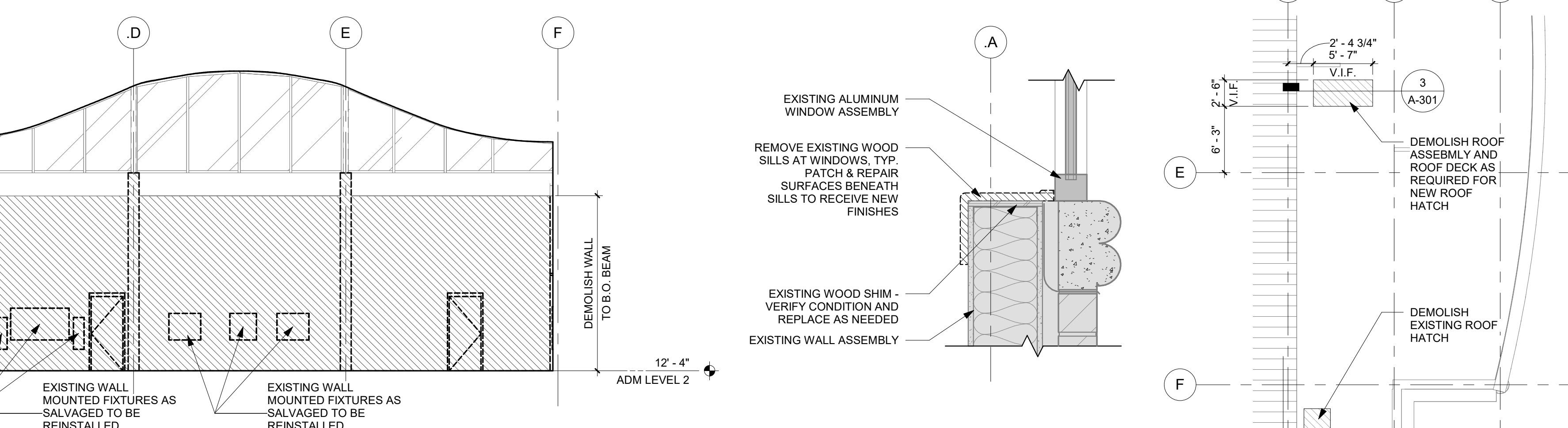
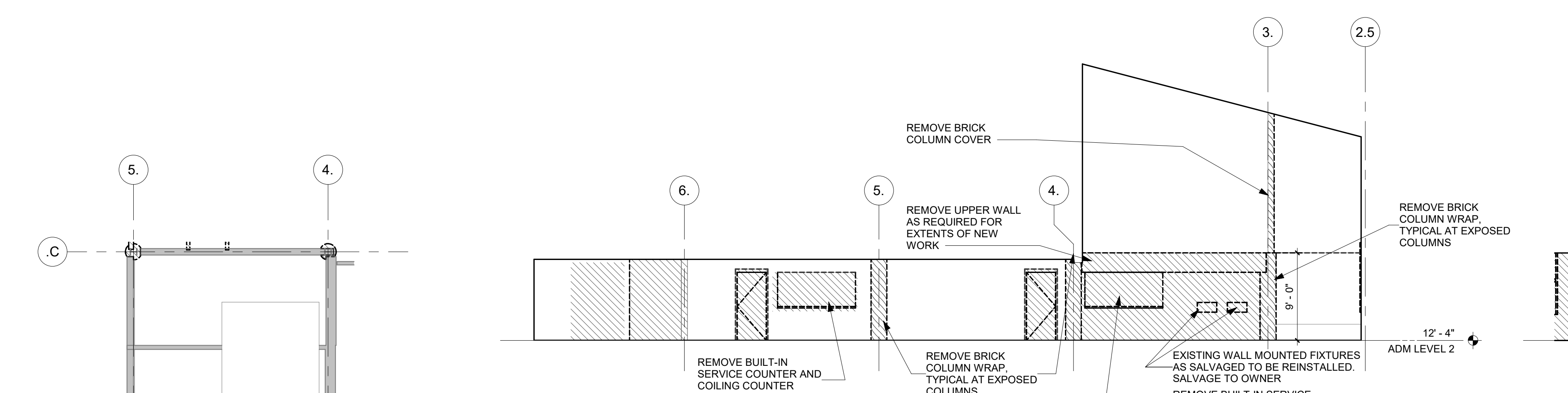
KEYNOTE LEGEND

- 01 02 A3 REMOVE WALLS COMPLETE TO EXTENT INDICATED. FLOOR TO DECK
- 01 02 A5 REMOVE EXISTING PAY PHONE COMPLETE. PATCH & REPAIR WALL TO MATCH EXISTING
- 01 02 B2 REMOVE TOILETS, LAVATORIES, MIRRORS, TOILET PARTITIONS, AND TOILET ACCESSORIES
- 01 02 D1 REMOVE STAIR AND GUARDRAIL COMPLETE
- 01 02 D2 REMOVE GLASS GAURDRAIL
- 01 02 D3 REMOVE CASEWORK
- 01 02 D7 REMOVE ELEVATOR CORE AND BRICK VENEER COMPLETE
- 01 02 D8 REMOVE CUSTOM WOOD CEILING
- 01 02 D9 REMOVE MILLWORK
- 01 02 D10 REMOVE ELEVATOR COMPLETE
- 01 02 D11 REMOVE WINDOW SYSTEM
- 01 02 D12 REMOVE BUILT-IN SERVICE COUNTER AND COILING COUNTER DOOR
- 01 02 D15 REMOVE OVER-FRAMED FLOOR
- 01 02 D25 REMOVE DRINKING FOUNTAIN. PATCH AND PAINT WALL. SEE PLUMBING DRAWINGS FOR MORE INFORMATION
- 01 02 D26 REMOVE CASEWORK, COUNTERS AND SINK
- 01 02 D36 REMOVE BRICK COLUMN WRAP. TYPICAL AT EXPOSED COLUMN
- 01 02 D38 REMOVE STEEL COLUMN FROM LEVEL 2 TO TOP OF COLUMN (24'-8")
- 01 02 D39 REMOVE COMPOSITE METAL DECK AND STRUCTURAL FRAMING FOR NEW ELEVATOR SHAFT. RE: STRUCTURAL DRAWINGS
- 01 02 D40 REMOVE WALL MOUNTED HANDRAIL
- 01 02 D41 REMOVE GUARDRAIL AND HANDRAIL
- 01 02 D42 REMOVE GRANITE TILE TREADS AND LANDING
- 01 02 D44 REMOVE WINDOW SILL. SEE DETAIL 9AD-101A
- 01 02 D48 REMOVE AND STORE WALL SCULPTURE. REFER TO SPECIFICATION SECTION 02 03 42
- 01 02 D49 REMOVE PORTION OF EXISTING SLAB FOR INSTALLATION OF NEW ELEVATOR. RE: STRUCTURAL DEMOLITION DRAWINGS FOR MORE INFORMATION
- 01 02 D50 REMOVE EXTERIOR WALL MASONRY, WALL FRAMING AND INTERIOR FINISHES FOR INSTALLATION OF NEW HOLLOW METAL DOOR AND FRAME
- 01 02 D51 ALIGN WITH BRICK COURSE. VIF
- 01 02 D52 REMOVE ROOF ACCESS LADDER
- 01 02 D90 EXISTING COLDWATER SUPPLY AND RETURN PIPES TO REMAIN. PROTECT DURING CONSTRUCTION
- 01 02 D94 REMOVE WOOD BASE IN THIS ROOM
- 01 02 D96 REMOVAL OF HYDRONIC PIPING SHALL BE CARRIED OUT IN A MANNER THAT MINIMIZES REMOVAL OF THE EXISTING PIPE CHASE. THE AFFECTED AREA SHALL BE PATCHED AND PAINTED. THE FLOOR AT LEVEL 2 SHALL BE PATCHED USING MATERIALS THAT MATCH THE ORIGINAL SURFACE.
- 01 02 D99 REMOVE LIMESTONE VENEER WALL
- 01 02 D99 REMOVE ELEVATOR SHAFT WINDOW
- 01 03 A3 REMOVE CONCRETE SLAB - SEE STRUCTURAL DEMOLITION DRAWINGS FOR MORE INFORMATION
- 01 03 A4 REMOVE CONCRETE SLAB AS REQUIRED TO INSTALL CONDUIT AND FLOOR BOXES. SEE ELECTRICAL AND TECHNOLOGY DRAWINGS
- 01 08 A1 REMOVE DOOR AND FRAME COMPLETE
- 01 09 A2 REMOVE WALL COVERING AT REMAINING WALLS. TYP - PREP FOR NEW FINISHES
- 01 11 A2 EXISTING WALL MOUNTED CASEWORK TO BE REINSTALLED. SALVAGE TO OWNER
- 02 04 A2 CAREFULLY REMOVE EXISTING DATE STONE & SALVAGE
- 02 23 01 EXISTING AIR HANDLING UNIT, RE: MECHANICAL DRAWINGS



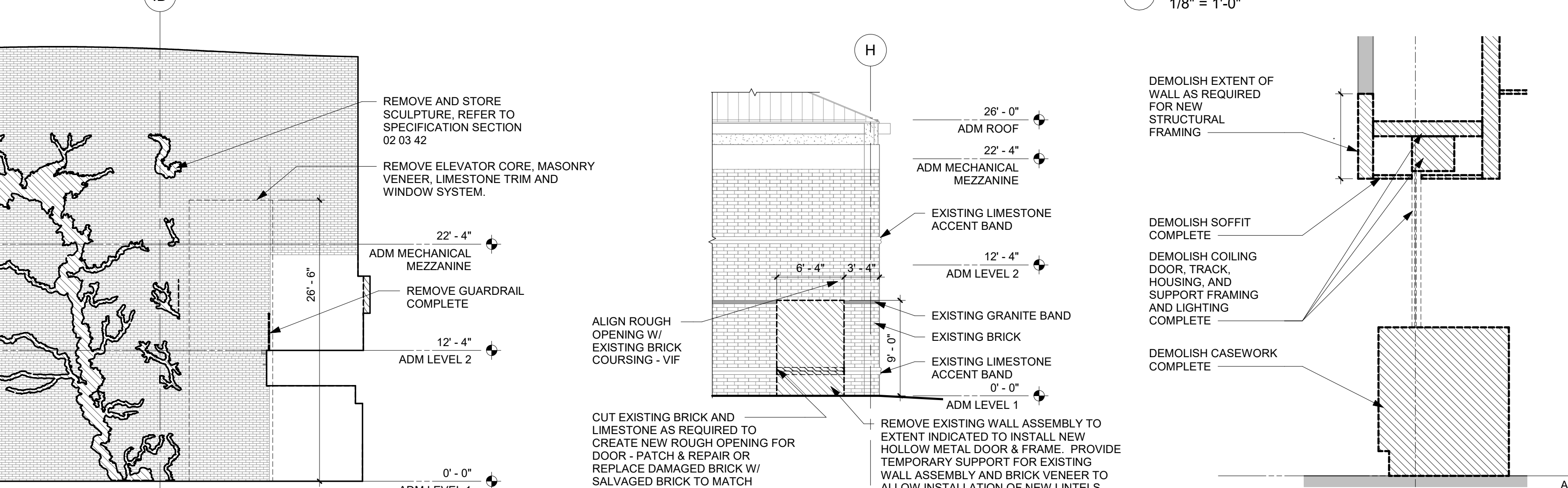
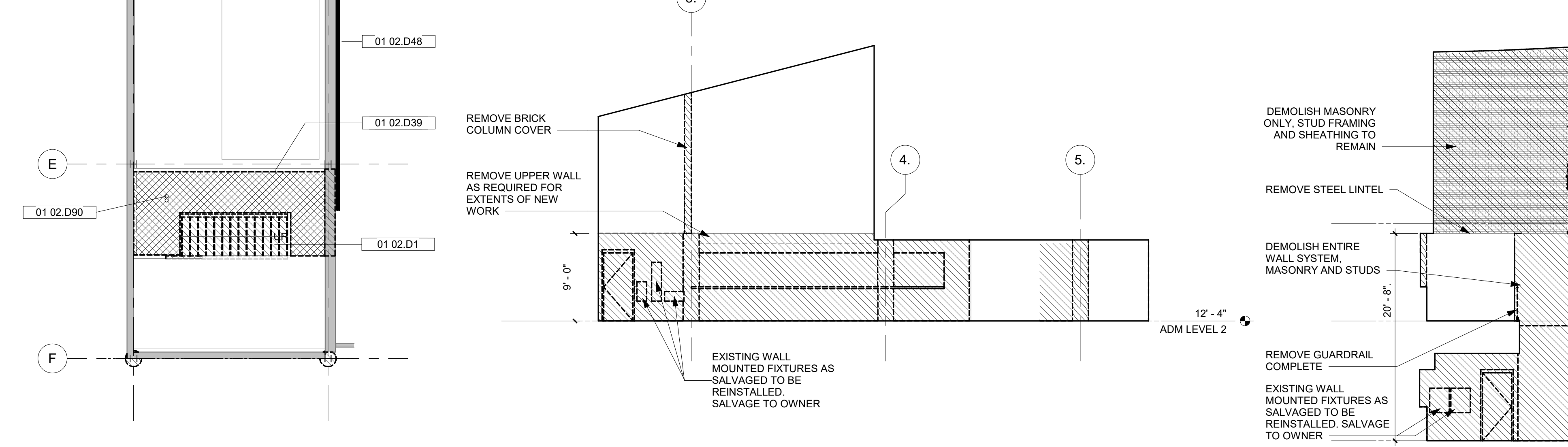
1 ADM DEMO - LEVEL 1 FLOORPLAN
1/8" = 1'-0"

2 ADM DEMO - LEVEL 2 FLOORPLAN
1/8" = 1'-0"



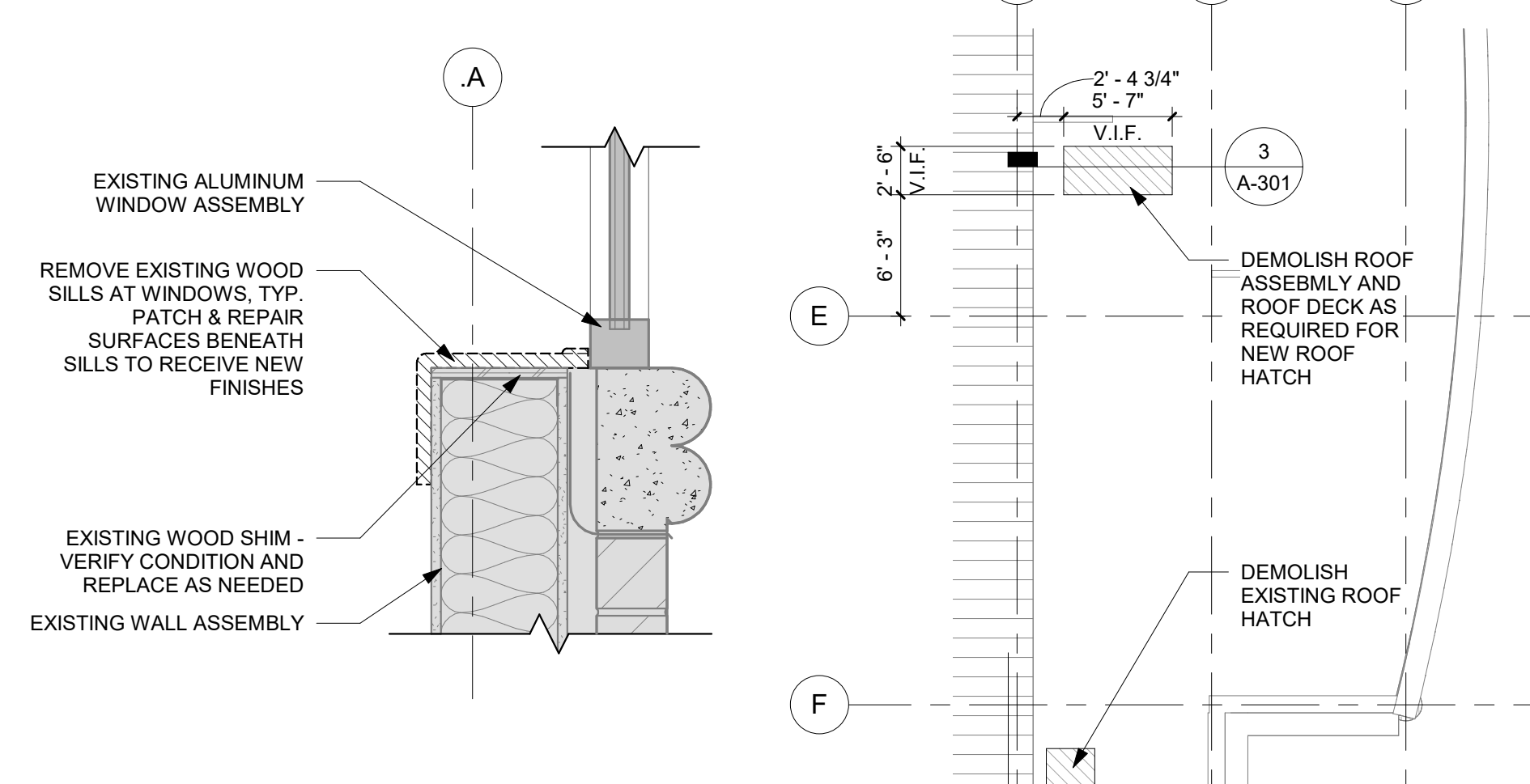
4 ADM - L2 LOBBY NORTH ELEVATION
1/8" = 1'-0"

5 ADM - L2 LOBBY EAST ELEVATION
1/8" = 1'-0"

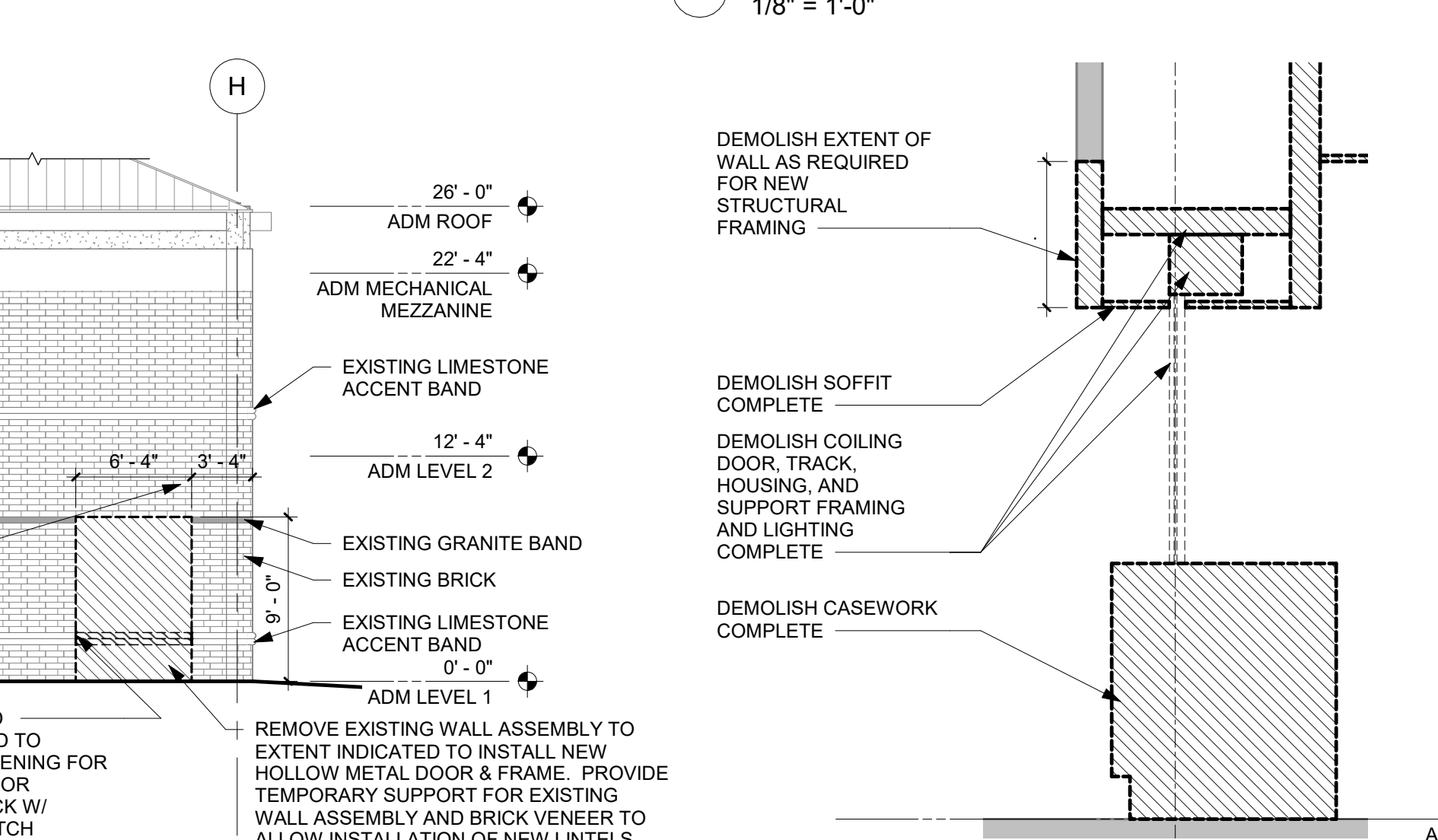


7 ADM - L2 LOBBY SOUTH ELEVATION
1/8" = 1'-0"

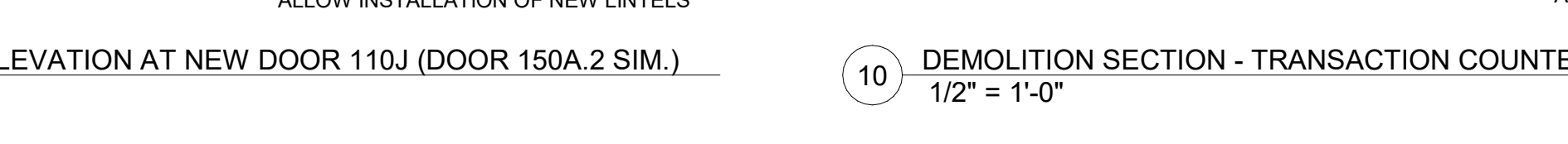
11 ADM - LOBBY WEST ELEVATION
1/8" = 1'-0"



9 DEMOLITION SECTION - WINDOW SILLS
1 1/2" = 1'-0"



6 ADM ROOF ENLARGED DEMO PLAN
1/8" = 1'-0"



10 DEMOLITION SECTION - TRANSACTION COUNTERS TYP
1/2" = 1'-0"

Revision Description Date

Revision	Description	Date

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 - PATCH AND REPAIR ALL EXISTING FLOOR SLABS AND WALL SURFACES DAMAGED FROM DEMOLITION OR PRIOR USE.
 - PATCH ALL AREAS OF ELECTRICAL AND MECHANICAL DEMOLITION THAT WILL NOT BE REUSED.
 - CONTRACTOR TO FIELD VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS. IN THE EVENT OF A DISCREPANCY BETWEEN THE DRAWINGS AND THE EXISTING CONDITIONS, NOTIFY THE ARCHITECT BEFORE PROCEEDING.
 - DO NOT REMOVE ANY ITEMS WHICH JEOPARDIZE THE STRUCTURAL INTEGRITY OF THE BUILDING. IF HIDDEN ELEMENTS OR DETERIORATED ELEMENTS ARE ENCOUNTERED, NOTIFY THE ARCHITECT IMMEDIATELY.
 - EXISTING BUILDING IS TO REMAIN WEATHER-TIGHT DURING ALL DEMOLITION ACTIVITIES.
 - REFER TO CONSULTANT DRAWINGS FOR ADDITIONAL DEMOLITION OF OTHER DISCIPLINES.
 - PROTECT ALL ADJACENT AREAS AND ITEMS TO REMAIN DURING DEMOLITION CONSTRUCTION. REPAIR/REPLACE ALL ITEMS DAMAGED DURING CONSTRUCTION.
 - THE EXISTING BUILDING CONDITIONS SHOWN ON THESE DRAWINGS ARE ASSUMED TO BE REPRESENTATIVE OF THE ORIGINAL BUILDING AND LIMITED FIELD OBSERVATION. HOWEVER, IT SHOULD BE NOTED THAT LOCAL CONDITIONS MAY VARY FROM THOSE INDICATED.
 - THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ADDITIONAL MEANS OF EGRESS AS NEEDED AS A RESULT OF CONSTRUCTION SEQUENCING AND/OR REGULATORY REQUIREMENTS.
 - REFER TO PLUMBING DRAWINGS FOR SLAB REMOVAL FOR INSTALLATION OF NEW UNDERSLAB PLUMBING WORK.
 - REFER TO ELECTRICAL DRAWINGS FOR SLAB REMOVAL FOR INSTALLATION OF NEW FLOOR BOXES AND UNDERSLAB CONDUIT.

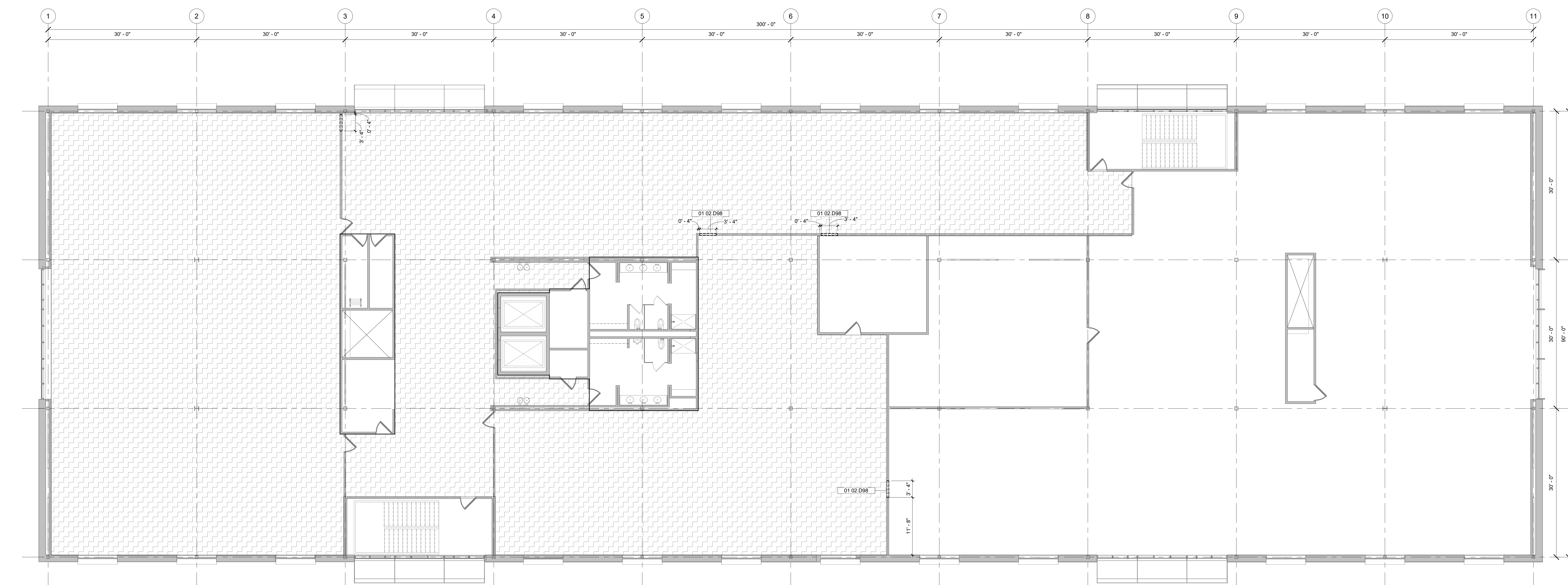
- DEMOLITION LEGEND**
- DENOTES AREA OF COMPLETE REMOVAL OF AN EXISTING BUILDING ELEMENT
 - DENOTES AREA OF COMPLETE REMOVAL OF FLOOR FINISH AND CEILING FINISH
 - DENOTES AREA OF COMPLETE REMOVAL EXISTING FLOOR SLAB
 - DENOTES AREA OF COMPLETE REMOVAL STRUCTURAL FRAMING AND COMPOSITE DECK. SEE STRUCTURAL
 - DENOTES AREA OF COMPLETE REMOVAL OF CEILING
 - DENOTES EXISTING SHELL SPACE. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR DETAILED REMOVAL INFORMATION
 - DENOTES EXISTING TO REMAIN
 - DENOTES EXISTING DOOR AND FRAME TO BE COMPLETELY REMOVED
- KEYNOTE LEGEND**
- 01 02 D98 REMOVE PORTION OF WALL FOR INSTALLATION OF NEW DOOR FRAME AND DOOR

- GENERAL NOTES**
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 - REFER TO SPECIFICATION FOR RECYCLING, CONSTRUCTION WASTE MANAGEMENT AND DISPOSAL REQUIREMENTS.
 - REMOVE LOOSE PAINT AND MISCELLANEOUS HANGING OBJECTS FROM WALLS AND CEILINGS AT ALL AREAS TO RECEIVE NEW FINISHES.
 - OPENINGS IN THE EXISTING STRUCTURE SMALLER THAN 12" IN ANY DIRECTION ARE NOT IDENTIFIED ON THESE DRAWINGS. SUB-CONTRACTORS SHALL BE RESPONSIBLE FOR PROVIDING OPENINGS SMALLER THAN 12" AS REQUIRED FOR INSTALLATION OF THEIR WORK.
 - OPENINGS IN THE EXISTING STRUCTURE SHALL NOT BE MADE WITHOUT PRIOR APPROVAL OF THE STRUCTURAL ENGINEER.
 - PATCH ALL AREAS OF ELECTRICAL AND MECHANICAL DEMOLITION THAT WILL NOT BE REUSED.
 - CONTRACTOR TO FIELD VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS. IN THE EVENT OF A DISCREPANCY BETWEEN THE DRAWINGS AND THE EXISTING CONDITIONS, NOTIFY THE ARCHITECT BEFORE PROCEEDING.
 - DO NOT REMOVE ANY ITEMS WHICH JEOPARDIZE THE STRUCTURAL INTEGRITY OF THE BUILDING. IF HIDDEN ELEMENTS OR DETERIORATED ELEMENTS ARE ENCOUNTERED, NOTIFY THE ARCHITECT IMMEDIATELY.
 - PATCH ALL REMAINING EXISTING EXPOSED PLASTER CEILING AS REQUIRED TO RECEIVE NEW FINISH.
 - EXISTING BUILDING IS TO REMAIN WEATHER-TIGHT DURING ALL DEMOLITION ACTIVITIES.
 - REFER TO CONSULTANT DRAWINGS FOR ADDITIONAL DEMOLITION OF OTHER DISCIPLINES.
 - PROTECT ALL ADJACENT AREAS AND ITEMS TO REMAIN DURING DEMOLITION CONSTRUCTION. REPAIR/REPLACE ALL ITEMS DAMAGED DURING CONSTRUCTION.
 - EXISTING BUILDING CONDITIONS SHOWN ON THESE DRAWINGS ARE ASSUMED TO BE REPRESENTATIVE OF THE ORIGINAL BUILDING AND FROM LIMITED FIELD OBSERVATION.
 - INDICATED EXISTING BUILDING CONDITIONS ARE ASSUMED TO BE REPRESENTATIVE OF THE ACTUAL CONSTRUCTION OF THE BUILDING. LOCAL CONDITIONS MAY VARY.

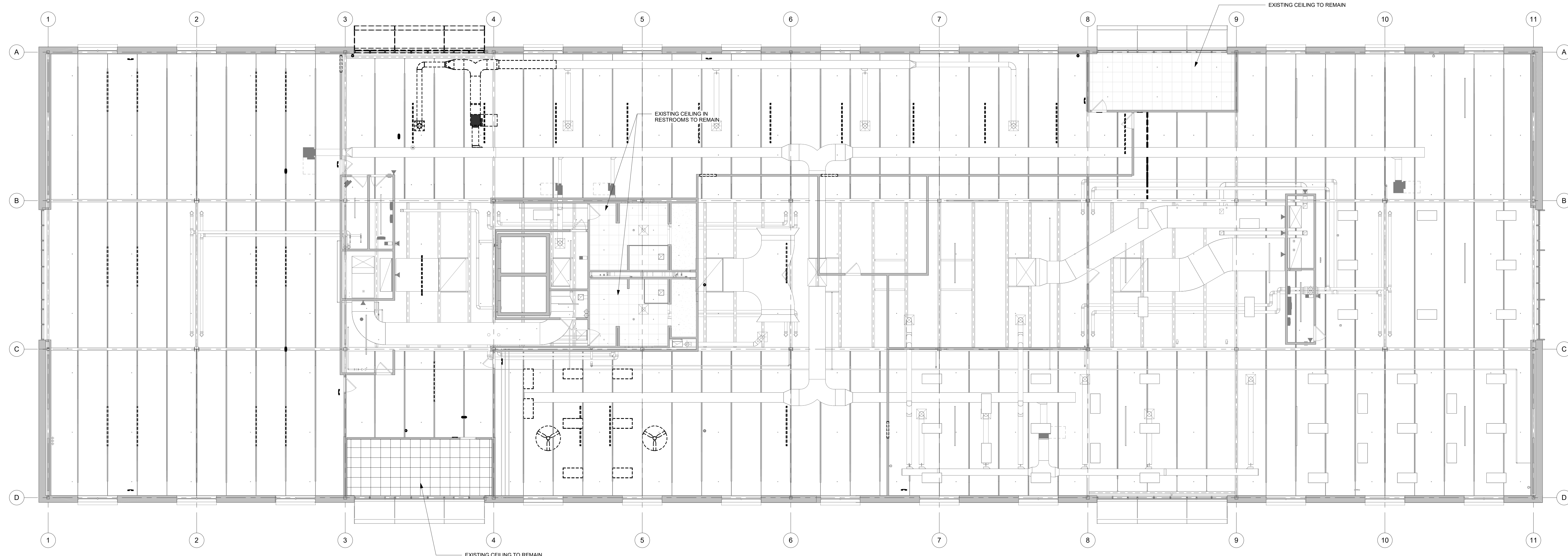
- DEMOLITION CEILING LEGEND**
- EXISTING ELEMENT TO BE REMOVED IN ENTIRETY
 - EXISTING GYPSUM BOARD CEILING TO BE REMOVED IN ITS ENTIRETY
 - EXISTING ACOUSTIC CEILING TILE SYSTEM TO BE REMOVED IN ITS ENTIRETY

Revision Description Date

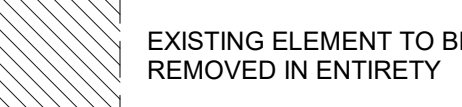
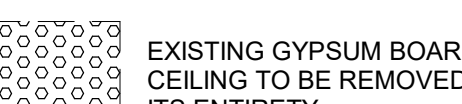

Revision	Description	Date



1 HHS DEMO - LEVEL 3 FLOORPLAN
1/8" = 1'-0"



2 HHS LEVEL 3 DEMO RCP
1/8" = 1'-0"

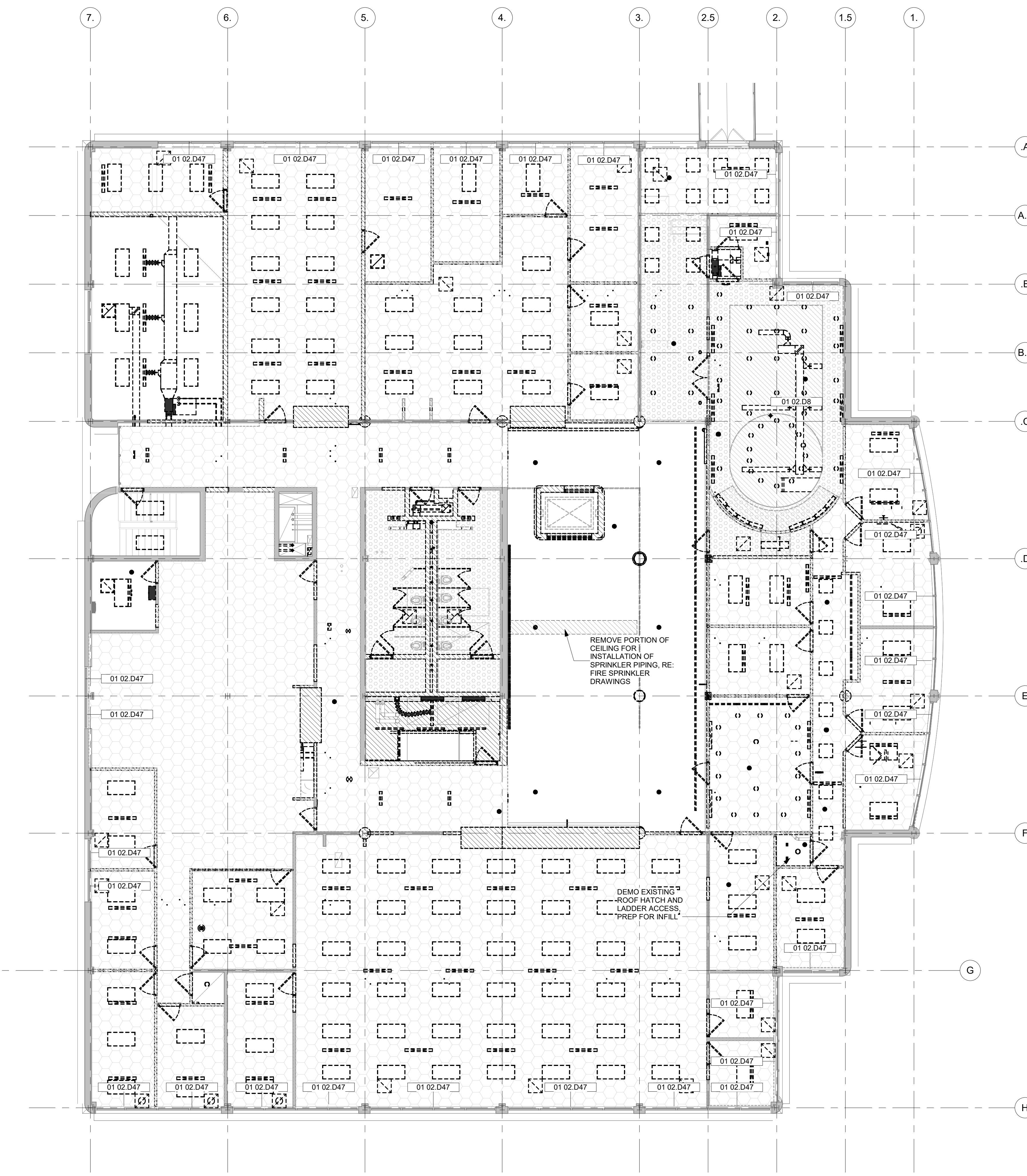
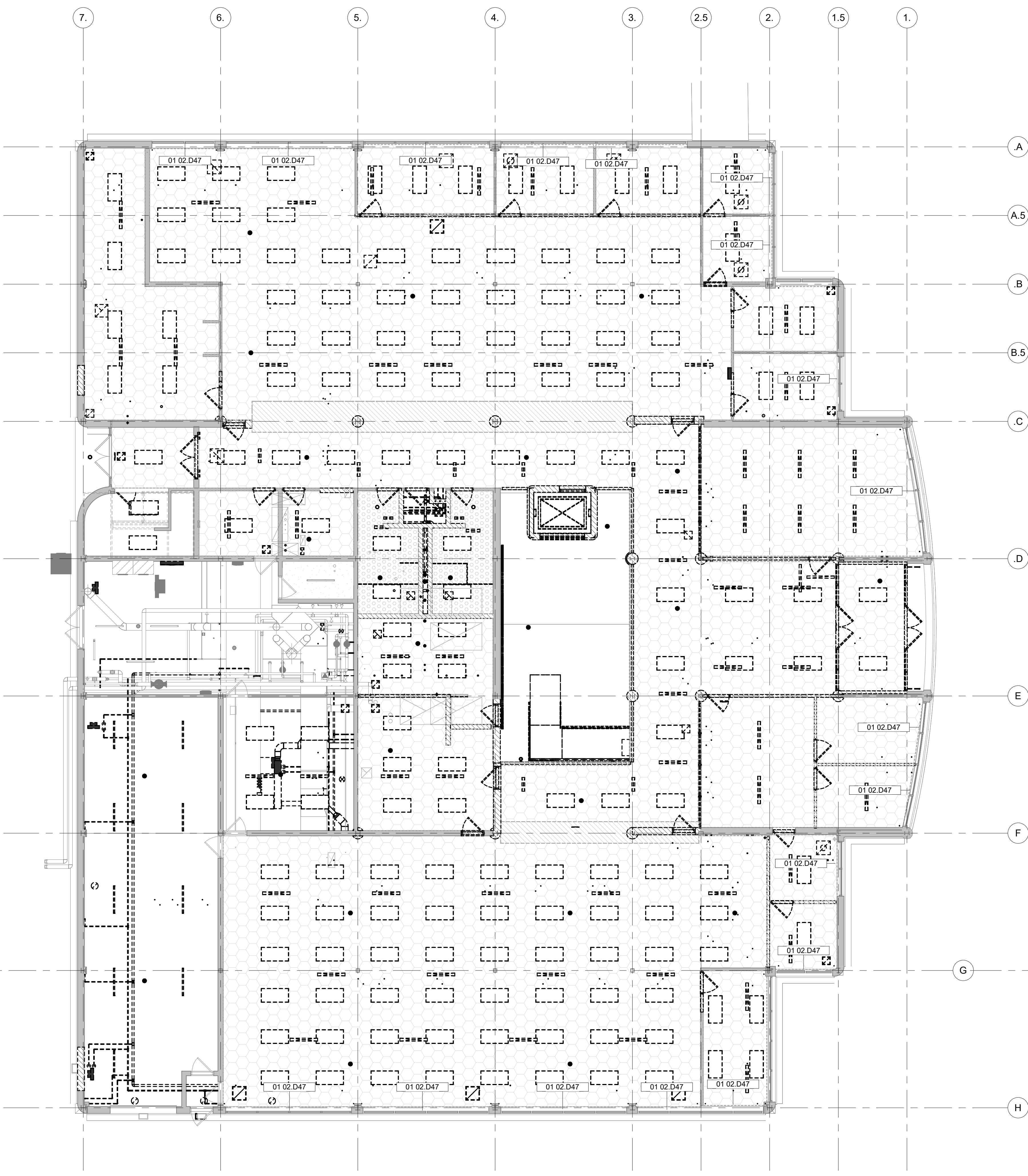
- DEMOLITION CEILING LEGEND**
-  EXISTING ELEMENT TO BE REMOVED IN ENTIRETY
 -  EXISTING GYPSUM BOARD CEILING TO BE REMOVED IN ITS ENTIRETY
 -  EXISTING ACOUSTIC CEILING TILE SYSTEM TO BE REMOVED IN ITS ENTIRETY

GENERAL NOTES

1. IDENTIFICATION AND/OR ABATEMENT OF HAZARDOUS MATERIALS IS NOT PART OF THIS SCOPE OF WORK. IF ASBESTOS OR OTHER HAZARDOUS MATERIALS ARE ENCOUNTERED, THE CONTRACTOR SHALL NOTIFY THE OWNER IMMEDIATELY.
2. REFER TO SPECIFICATION FOR RECYCLING, CONSTRUCTION WASTE MANAGEMENT AND DISPOSAL REQUIREMENTS.
3. REMOVE LOOSE PAINT AND MISCELLANEOUS HANGING OBJECTS FROM WALLS AND CEILINGS AT ALL AREAS TO RECEIVE NEW FINISHES.
4. OPENINGS IN THE EXISTING STRUCTURE SMALLER THAN 12" IN ANY DIRECTION ARE NOT IDENTIFIED ON THESE DRAWINGS. SUB-CONTRACTORS SHALL BE RESPONSIBLE FOR PROVIDING OPENINGS SMALLER THAN 12" AS REQUIRED FOR INSTALLATION OF THEIR WORK.
5. OPENINGS IN THE EXISTING STRUCTURE SHALL NOT BE MADE WITHOUT PRIOR APPROVAL OF THE STRUCTURAL ENGINEER.
6. PATCH ALL AREAS OF ELECTRICAL AND MECHANICAL DEMOLITION THAT WILL NOT BE REUSED.
7. CONTRACTOR TO FIELD VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS. IN THE EVENT OF A DISCREPANCY BETWEEN THE DRAWINGS AND THE EXISTING CONDITIONS, NOTIFY THE ARCHITECT BEFORE PROCEEDING.
8. DO NOT REMOVE ANY ITEMS WHICH JEOPARDIZE THE STRUCTURAL INTEGRITY OF THE BUILDING. IF HIDDEN ELEMENTS OR DETERIORATED ELEMENTS ARE ENCOUNTERED, NOTIFY THE ARCHITECT IMMEDIATELY.
9. PATCH ALL REMAINING EXISTING EXPOSED PLASTER CEILING AS REQUIRED TO RECEIVE NEW FINISH.
10. EXISTING BUILDING IS TO REMAIN WEATHER-TIGHT DURING ALL DEMOLITION ACTIVITIES.
11. REFER TO CONSULTANT DRAWINGS FOR ADDITIONAL DEMOLITION OF OTHER DISCIPLINES.
12. PROTECT ALL ADJACENT AREAS AND ITEMS TO REMAIN DURING DEMOLITION/CONSTRUCTION. REPAIR/REPLACE ALL ITEMS DAMAGED DURING CONSTRUCTION.
13. EXISTING BUILDING CONDITIONS SHOWN ON THESE DRAWINGS ARE DERIVED FROM DRAWINGS OF THE ORIGINAL BUILDING AND FROM LIMITED FIELD OBSERVATION.
14. INDICATED EXISTING BUILDING CONDITIONS ARE ASSUMED TO BE REPRESENTATIVE OF THE ACTUAL CONSTRUCTION OF THE BUILDING. LOCAL CONDITIONS MAY VARY.

KEYNOTE LEGEND

- 01 02 D48 REMOVE CUSTOM WOOD CEILING
- 01 02 D43 REMOVE PORTION OF CEILING FOR INSTALLATION OF SPRINKLER PIPING, RE: FIRE SPRINKLER DRAWINGS
- 01 02 D47 REMOVE ROLLER SHADES



1 ADM LEVEL 1 DEMO RCP
1/8" = 1'-0"

2 ADM LEVEL 2 DEMO RCP
1/8" = 1'-0"

Owner
Johnson County, Iowa

Project
JOHNSON COUNTY ADMINISTRATION AND HEALTH & HUMAN SERVICES BUILDINGS REMODELING PROJECT

913 S Dubuque St.
855 S Dubuque St.
Iowa City, IA 52240

Architect
Design Engineers
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CEDAR RAPIDS, IA 52404
P: 319-841-1544

Structural Engineer
Design Engineers
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MEP Engineer
Hall & Hall Engineers
1860 BOYSON ROAD
HIAWATHA, IA 52233
P: 319-362-9548

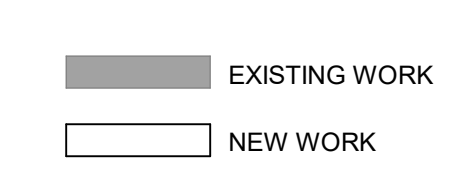
Interior Designer
Raker Rhodes Engineering
112 E. WASHINGTON ST. SUITE B
IOWA CITY, IA 52240
P: 319-333-7850

Revision Description Date

GENERAL NOTES

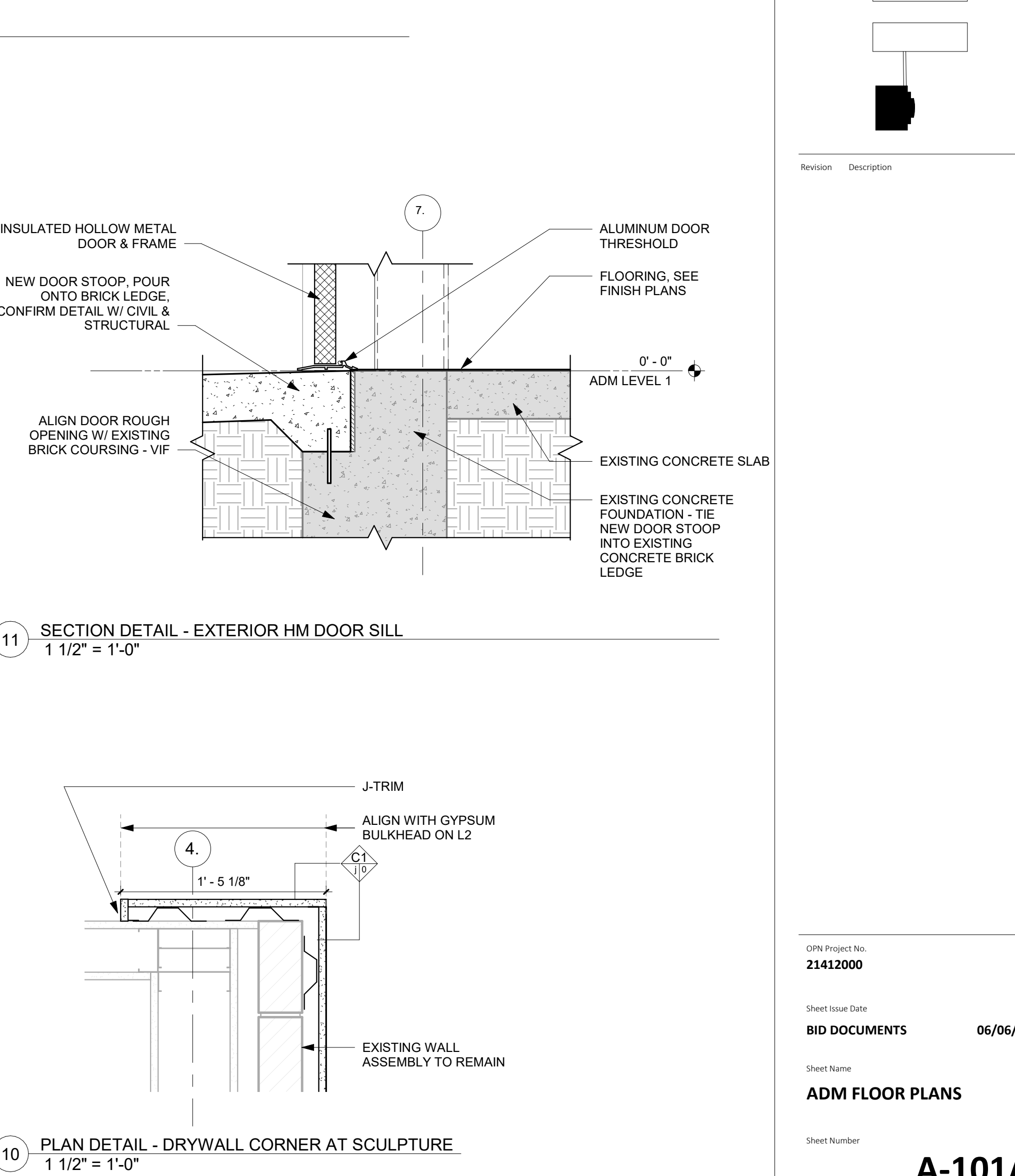
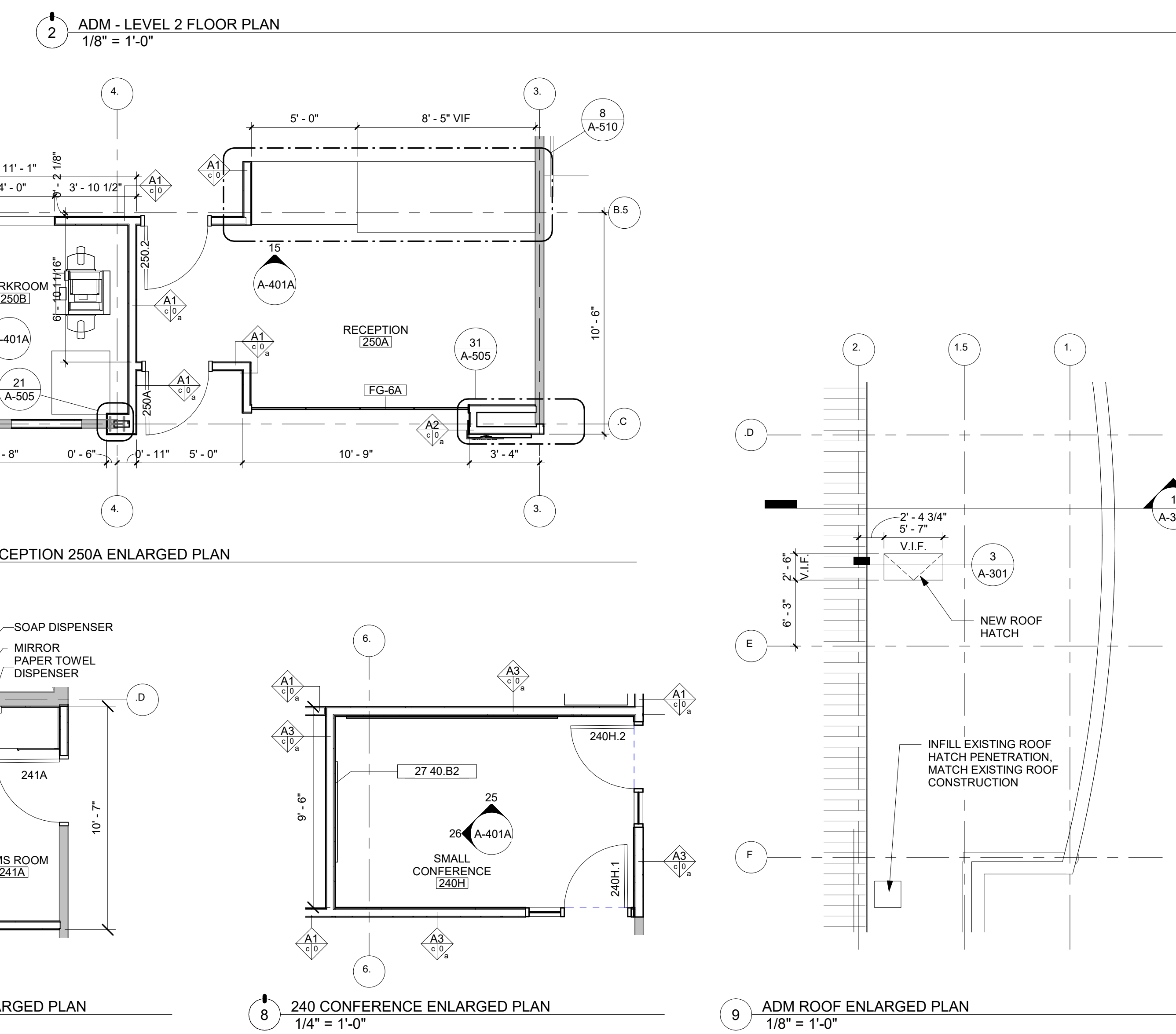
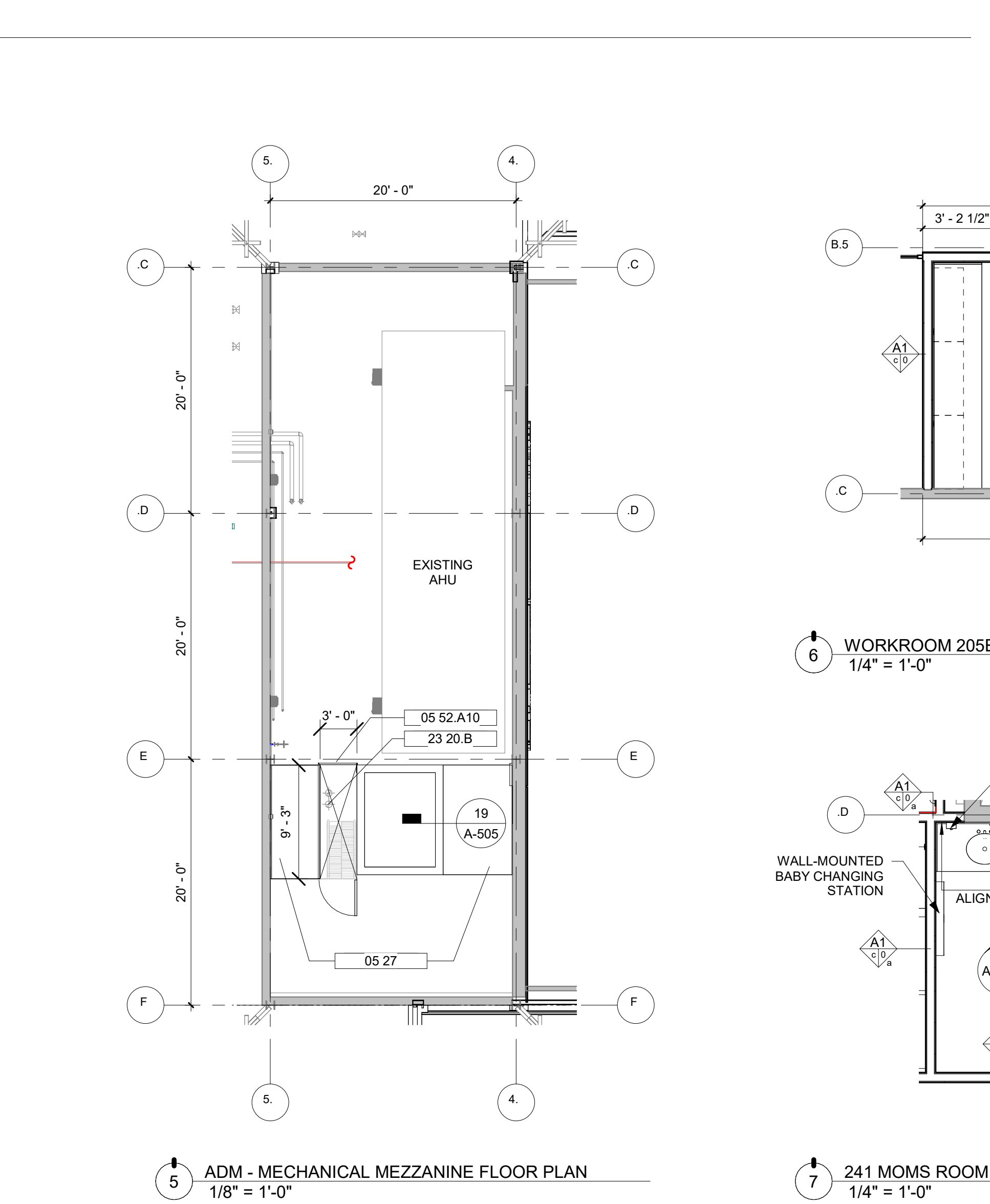
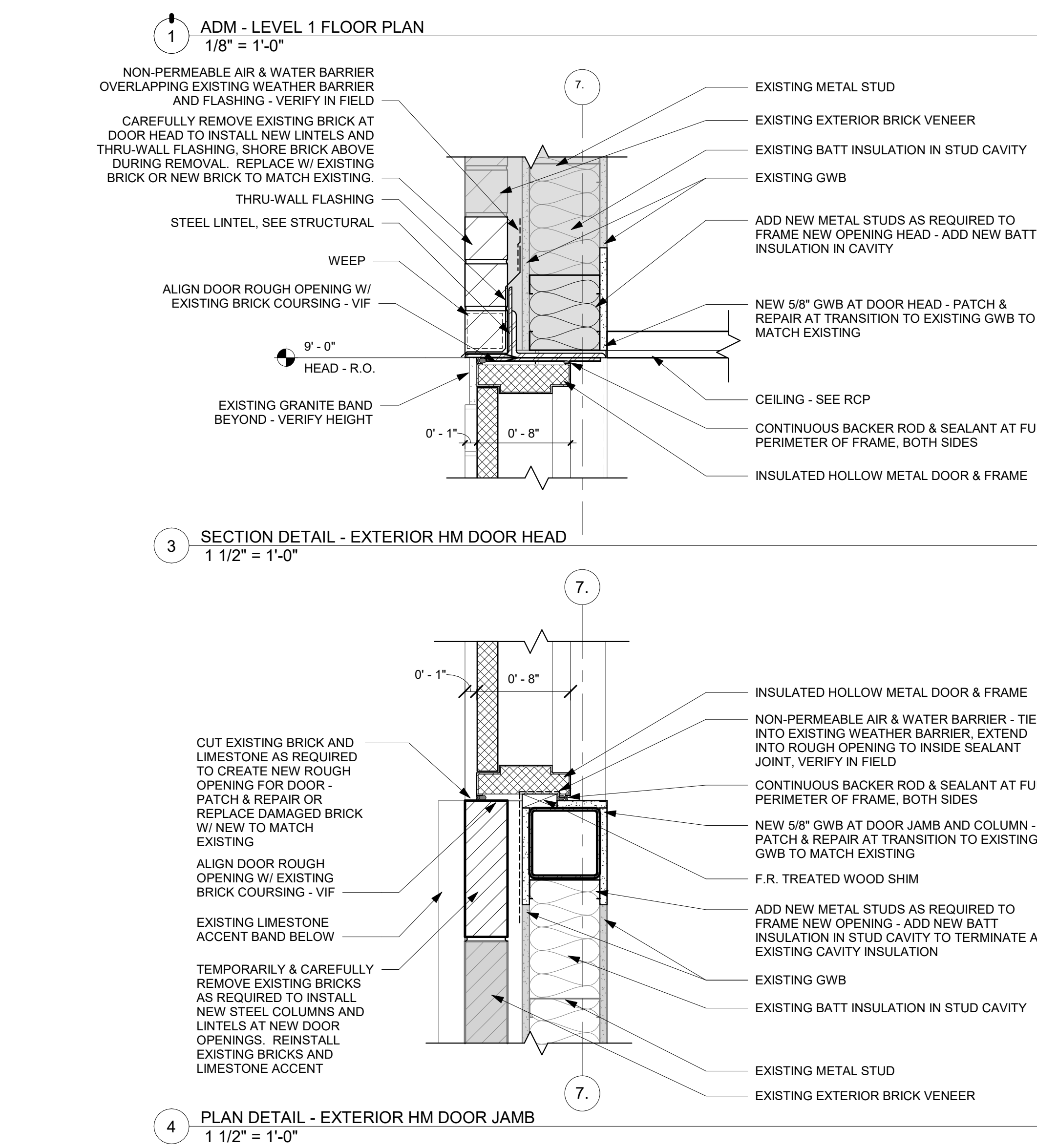
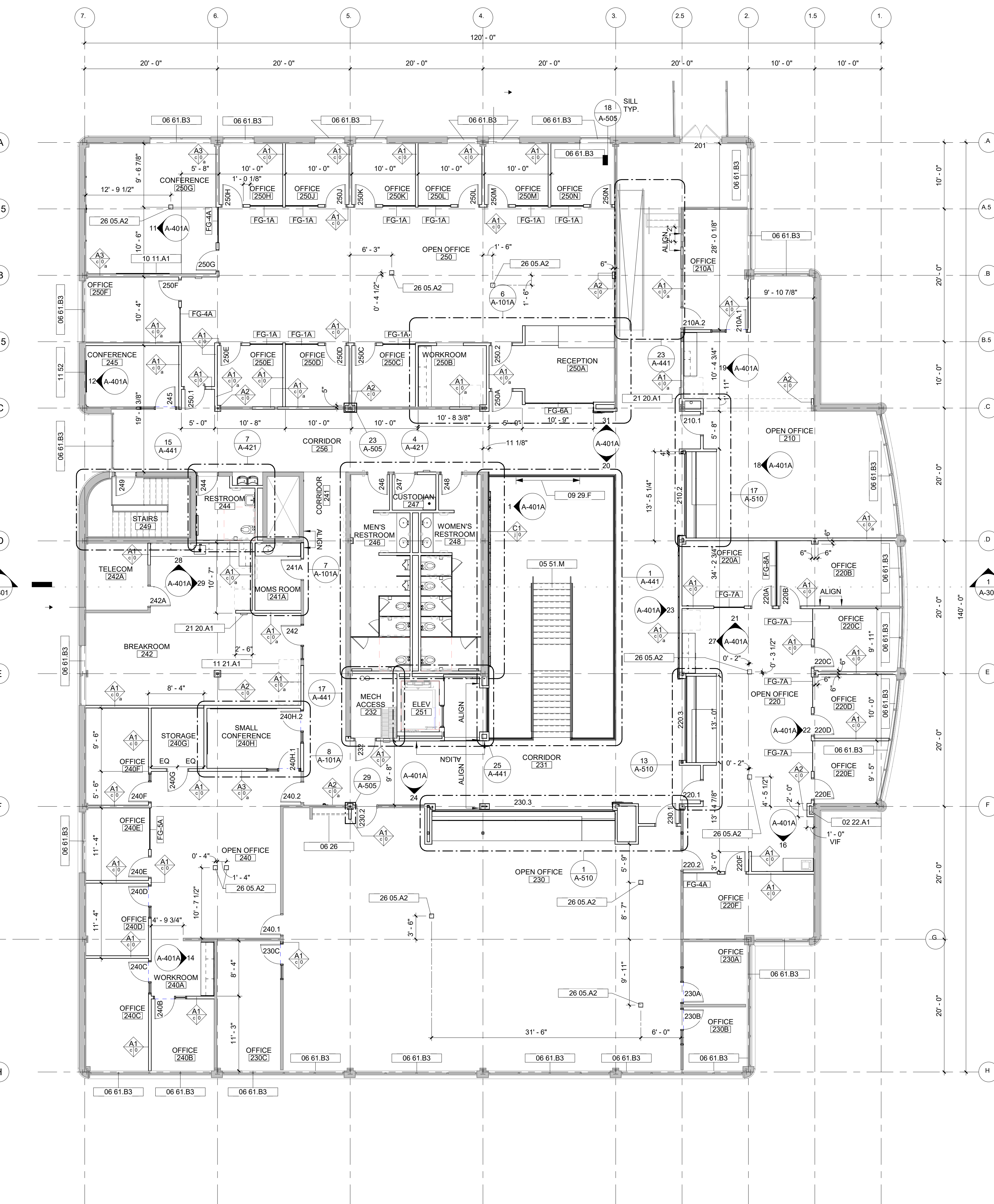
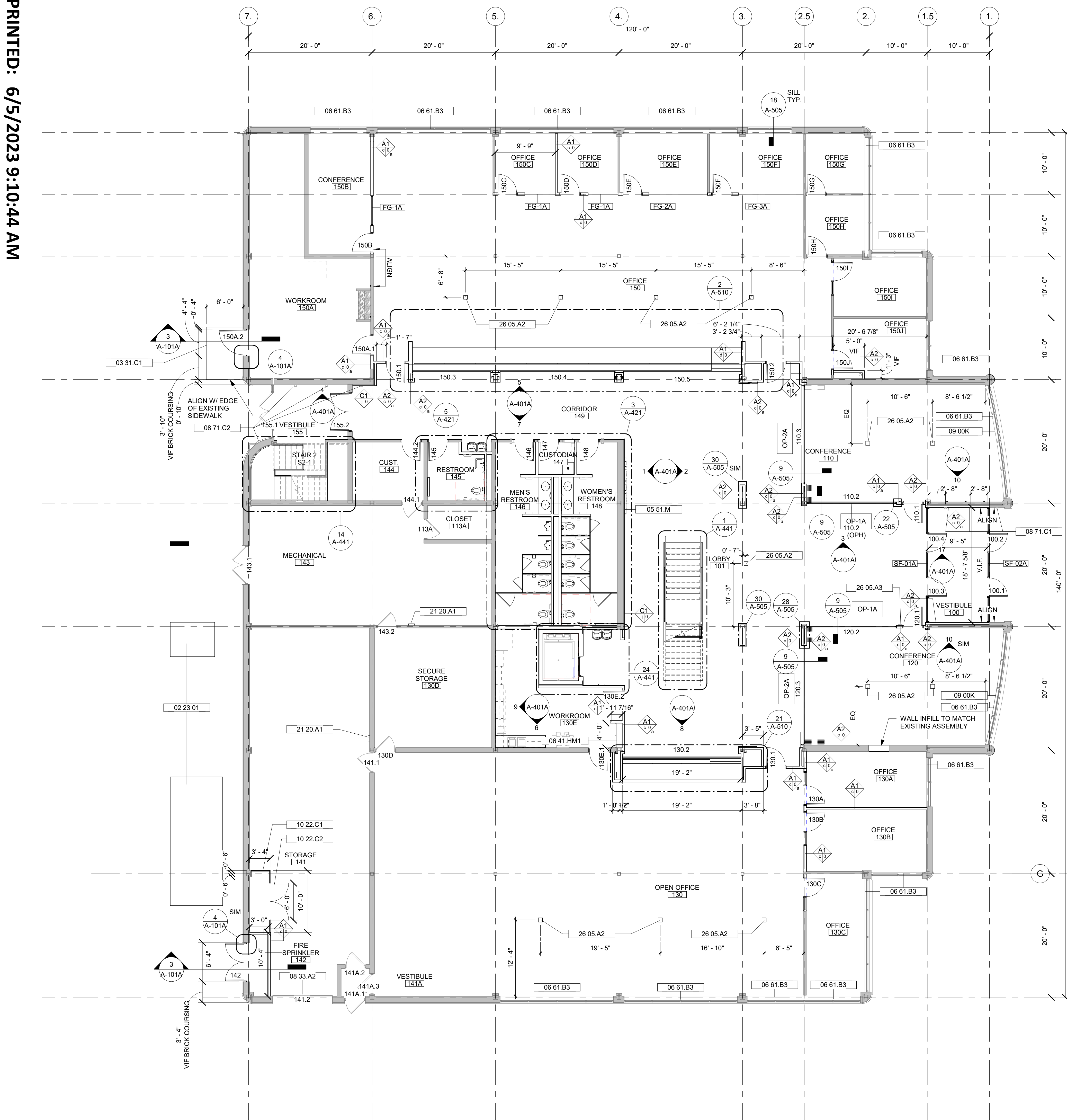
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- IN THE EVENT OF A DISCREPANCY BETWEEN ARCHITECTURAL AND CONSULTANT DRAWINGS, NOTIFY ARCHITECT IMMEDIATELY PRIOR TO COMMENCING WORK - TYPICAL FOR ALL DRAWINGS.
- ALL RESTRICTIONS IN FIRE RATED FLOORS AND WALLS MUST BE SEALED WITH APPROPRIATE FIRESTOPPING SYSTEM.
- PATCH AND REPAIR EXISTING FLOOR SLABS AND WALL SURFACES DAMAGED FROM DEMOLITION.
- PATCH AND REPAIR EXISTING WALL SURFACES WHERE EXISTING ITEMS ARE REMOVED.
- INSTALL FIRE EXTINGUISHERS AS REQUIRED PER NFPA 10.

PLAN LEGEND



KEYNOTE LEGEND

- 02 22 A1 EXISTING ROOF DRAIN PIPING - SEE PLUMBING
- 02 23 01 EXISTING AIR HANDLING UNIT, RE: MECHANICAL DRAWINGS
- 03 31 C1 "CONCRETE STOOP" - SEE STRUCT. SLOPE FOR POSITIVE DRAINAGE
- 05 27 NEW STRUCTURAL FRAMING AND COMPOSITE SLAB, RE: STRUCTURAL DRAWINGS
- 05 51 M METAL PAN STAIR WITH GLASS GUARDRAILS, STAINLESS STEEL HANDRAILS AND TILE TREADS
- 05 52 A10 STEEL PIPE GUARDRAIL, 42" TALL WITH HORIZONTAL BARS
- 06 26 MOUNTED TO CONCRETE DECK, PAINT, PROVIDE SWINGING GATE OF THE SAME HEIGHT AND CONSTRUCTION WITH LATCH THAT IS OPERABLE FROM BOTH SIDES OF THE GATE
- 06 28 PLASTIC LAMINATE SHELF AND COAT ROD
- 06 41 HM1 "COAT ROD & PLAM SHELF" - PROVIDE (1) COAT HOOK ON EACH SIDE WALL
- 06 61 B3 1/2" SOLID SURFACE WINDOW SILL SHIM AS NECESSARY. SEE DETAIL 19A005
- 08 33 A2 RETROFIT MANUAL COILING DOOR WITH MOTOR
- 08 71 C1 AUTOMATIC DOOR ACTUATOR EXISTING AUTOMATIC DOOR
- 08 71 C2 EXISTING AUTOMATIC DOOR ACTUATOR TO REMAIN
- 09 00 K REPAIR FLOOR BENEATH AND PATCH AND PAINT WALL BEHIND DEMOLISHED CASEWORK
- 09 29 F PATCH & REPAIR VERTICAL FACE OF WALL WHERE ELEVATOR WAS REMOVED WITH NEW STUD FRAMING & GYPSUM, WALL TYPE A2
- 10 11 A1 DRY ERASE MARKER BOARD
- 10 22 C1 WIRE MESH PARTITION, 9'-0" TALL WITH CEILING
- 10 22 C2 WIRE MESH DOUBLE DOOR, 6'-0" X 7'-0"
- 11 21 A1 VENDING MACHINE, OFC
- 11 52 WALL MOUNTED DISPLAY OFC, RE: AV DRAWINGS FOR ROUGH-IN SEMI-RECESSED FIRE EXTINGUISHER CABINET
- 23 20 B EXISTING HVAC PIPING, SUPPORT FROM BOTTOM OR EDGE OF FLOOR SLAB, DO NOT EXTEND SUPPORT ACROSS ACCESS STAIR OPENING
- 26 05 A2 FLOOR BOX, RE: ELECTRICAL DRAWINGS
- 26 05 A3 ROOM SCHEDULER PANEL, OFC, ROUGH-IN ONLY
- 27 40 B2 WALL MOUNTED MONITOR OFC, PROVIDE BLOCKING IN WALL, RE: AV DRAWINGS FOR ROUGH-IN



- GENERAL NOTES**
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 - PATCH AND REPAIR EXISTING WALL SURFACES WHERE EXISTING ITEMS ARE REMOVED.
 - INSTALL FIRE EXTINGUISHERS AS REQUIRED PER NFPA 10.

JOHNSON COUNTY, IOWA

Project:
JOHNSON COUNTY ADMINISTRATION AND HEALTH & HUMAN SERVICES BUILDINGS REMODELING PROJECT

913 S Dubuque St,
855 S Dubuque St,
Iowa City, IA 52240

- PLAN LEGEND**
- EXISTING WORK
 - NEW WORK

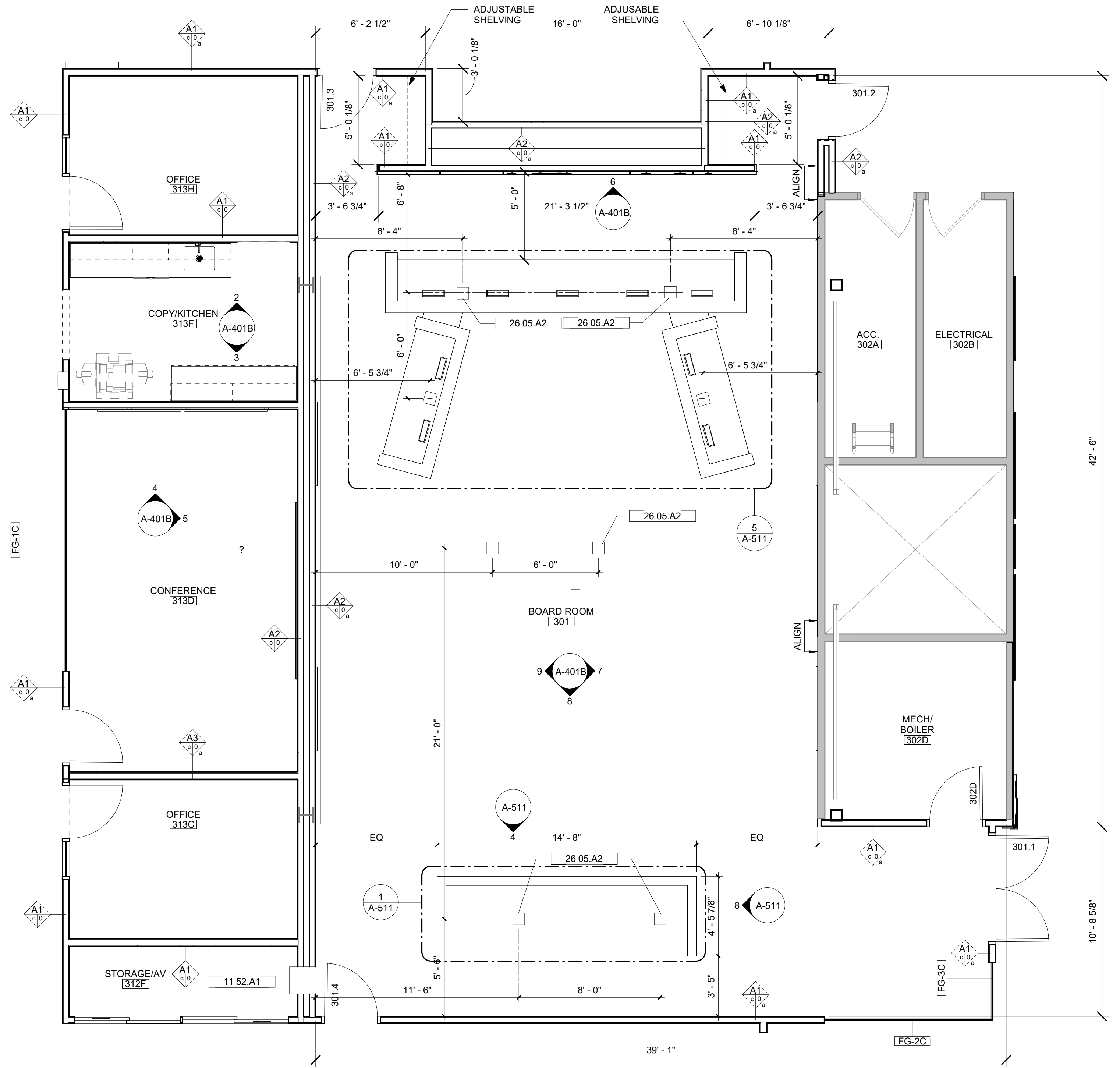
- KEYNOTE LEGEND**
- 08 35A1 INTERIOR SLIDING PASS WINDOW
 - 11 52 WALL MOUNTED DISPLAY OPIOL RE AV DRAWINGS FOR ROUGH-IN
 - 11 52A1 RECESSED AV RACK, RE: AV DRAWINGS
 - 21 20A1 SEMI-RECESSED FIRE EXTINGUISHER CABINET
 - 26 05 A2 FLOOR BOX, RE: ELECTRICAL DRAWINGS

Mechanical Engineer
Design Engineers
8801 PRAIRIE VIEW LN SW
CEDAR RAPIDS, IA 52404
P. 319-841-1544

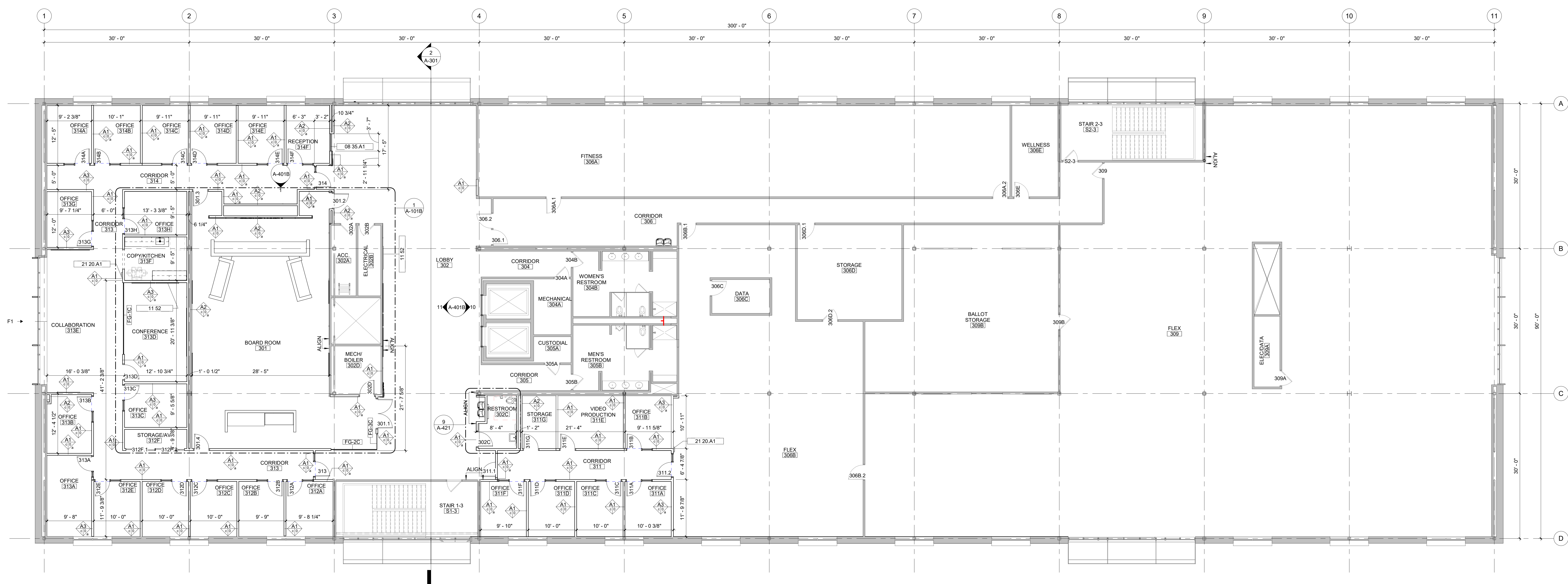
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Civil Engineer
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Architectural Engineer
Raker Rhodes Engineering
112 E WASHINGTON ST, SUITE B
IOWA CITY, IA 52240
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1 ENLARGED BOARD ROOM 301
1/4" = 1'-0"



2 HHS - LEVEL 3 FLOORPLAN
1/8" = 1'-0"

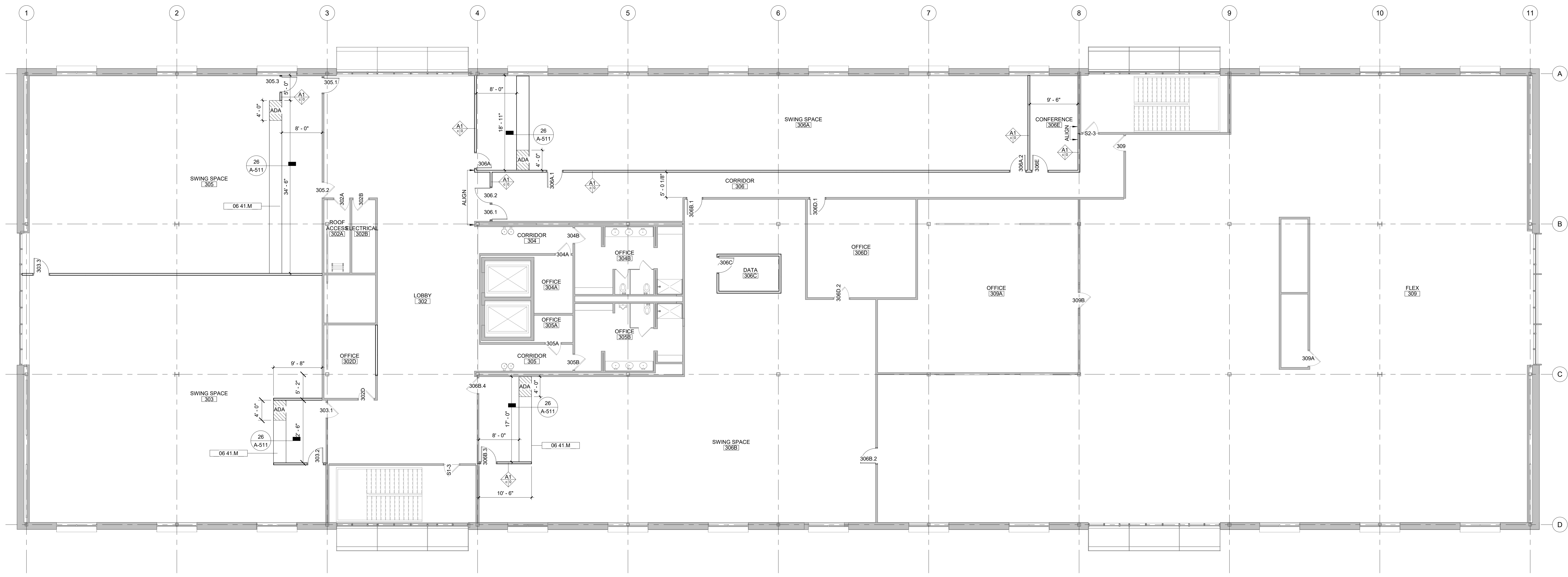
Revision	Description	Date

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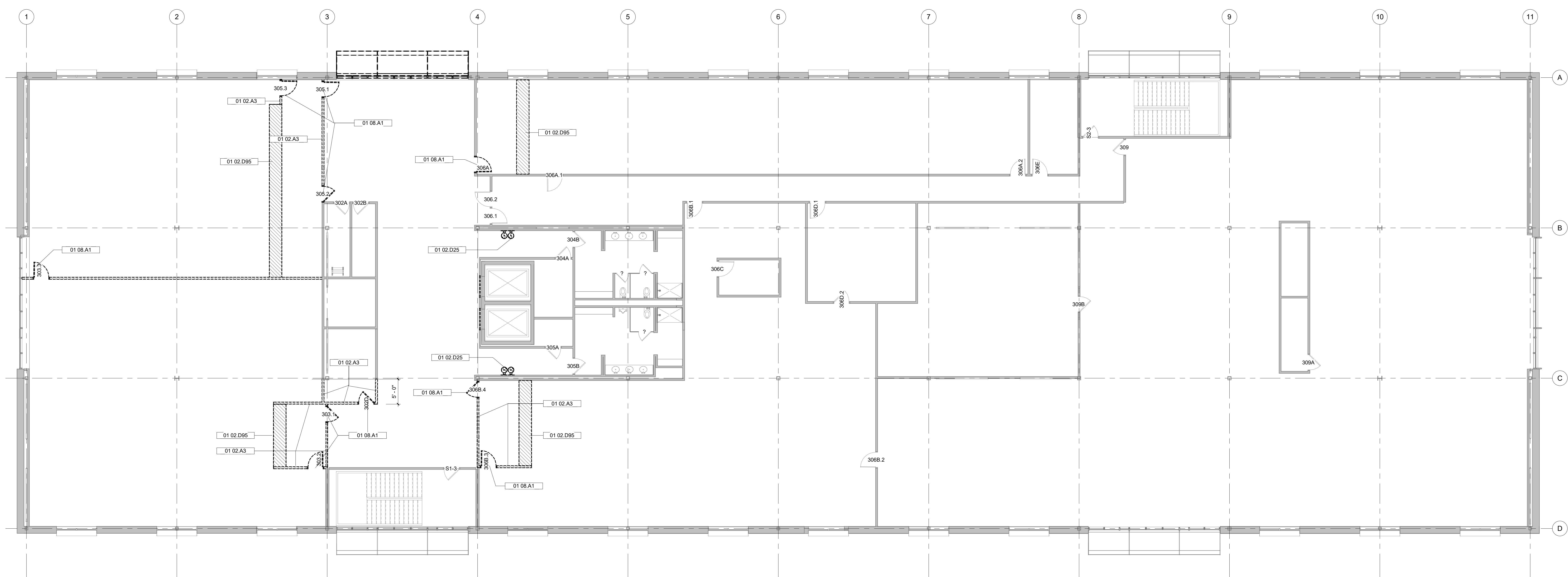
- PLAN LEGEND**
- EXISTING WORK
 - NEW WORK

- KEYNOTE LEGEND**
- 01 02 A3 REMOVE WALLS COMPLETE TO EXTENT INDICATED, FLOOR TO DECK
 - 01 02 D25 REMOVE DRINKING FOUNTAIN, PATCH AND PAINT WALL. SEE PLUMBING DRAWINGS FOR MORE INFORMATION
 - 01 02 D95 REMOVE TEMPORARY SERVICE COUNTER
 - 01 08 A1 REMOVE DOOR AND FRAME, COMPLETE
 - 06 41 M CUSTOM TEMPORARY SERVICE COUNTER, PLASTIC LAMINATE

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1 HHS - LEVEL 3 FLOOR PLAN - TEMPORARY
1/8" = 1'-0"



2 HHS - LEVEL 3 FLOOR PLAN - TEMPORARY DEMO
1/8" = 1'-0"

Key Plan

Revision Description Date

Revision	Description	Date

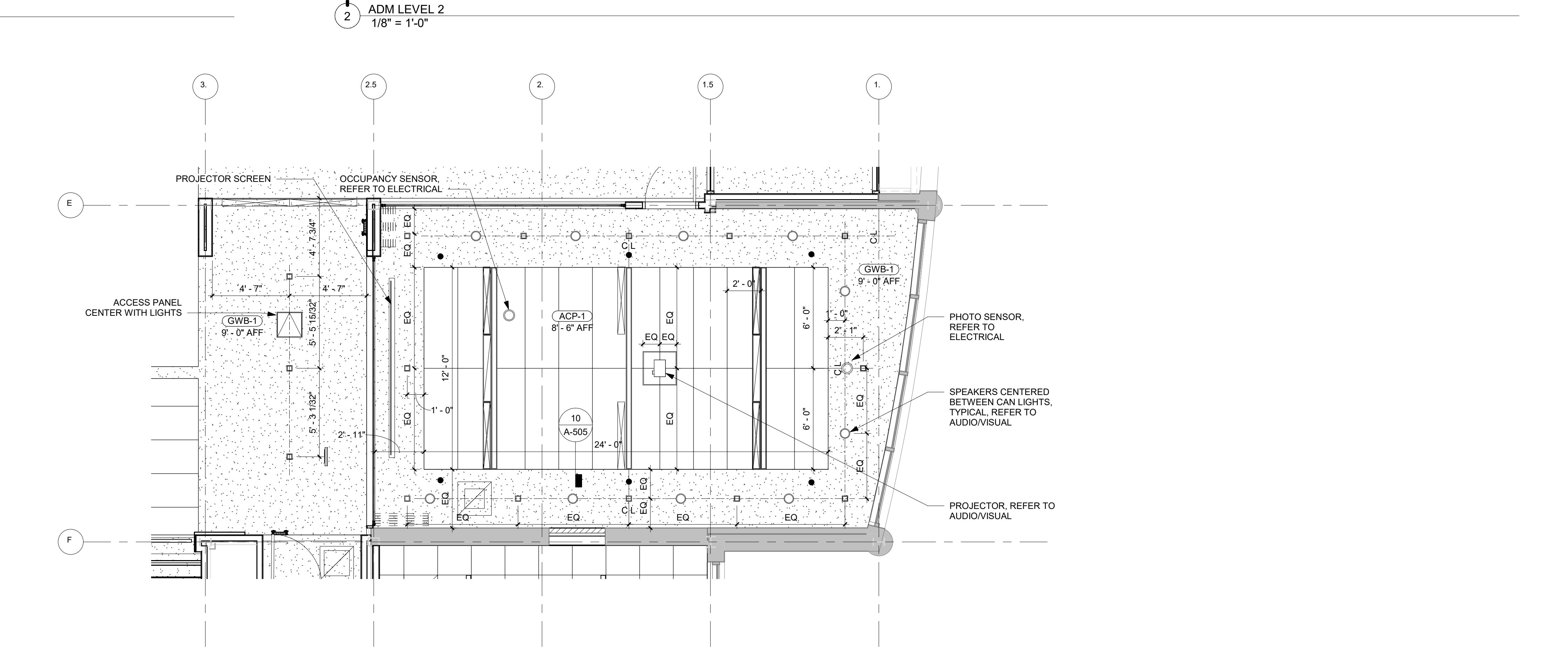
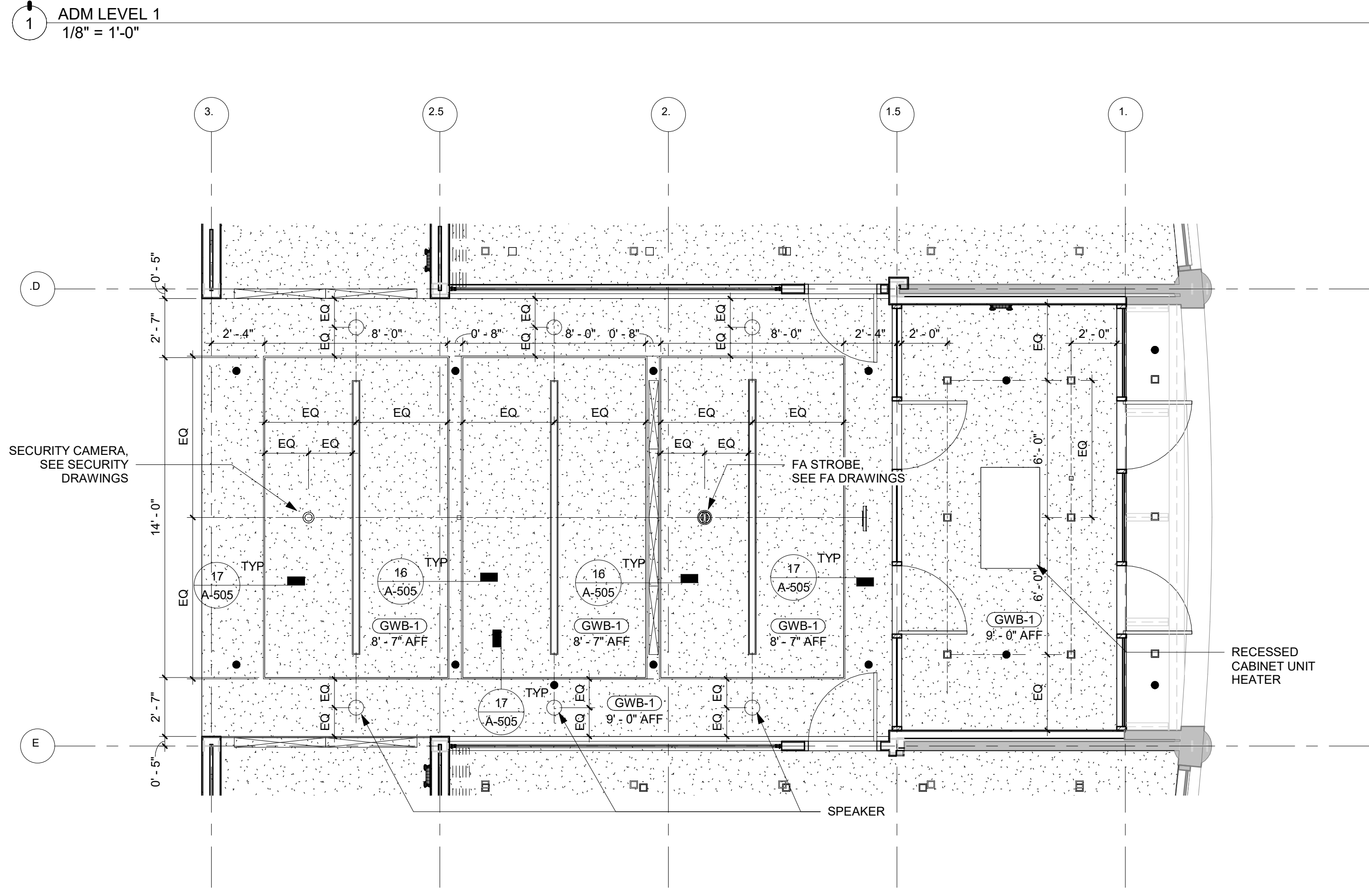
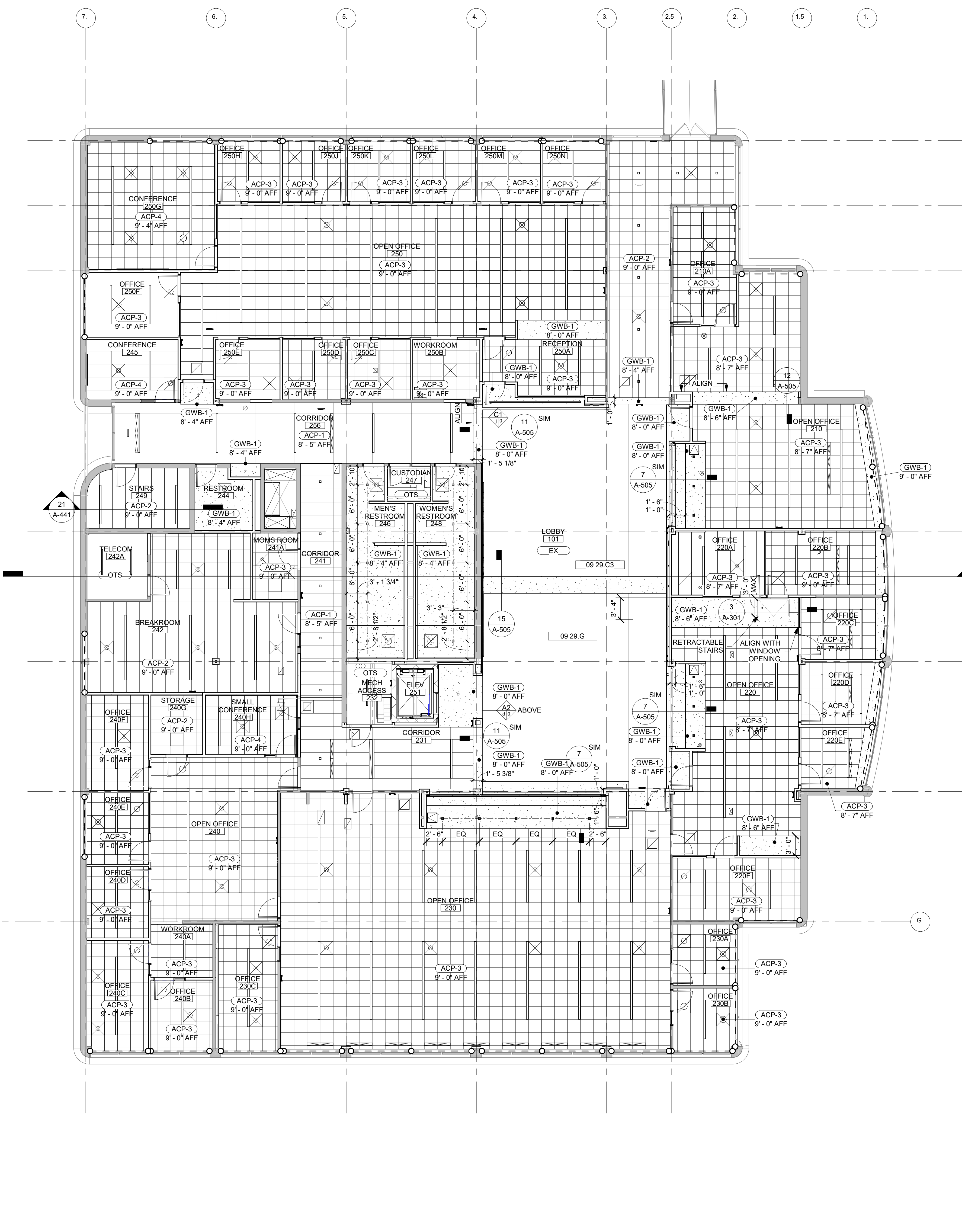
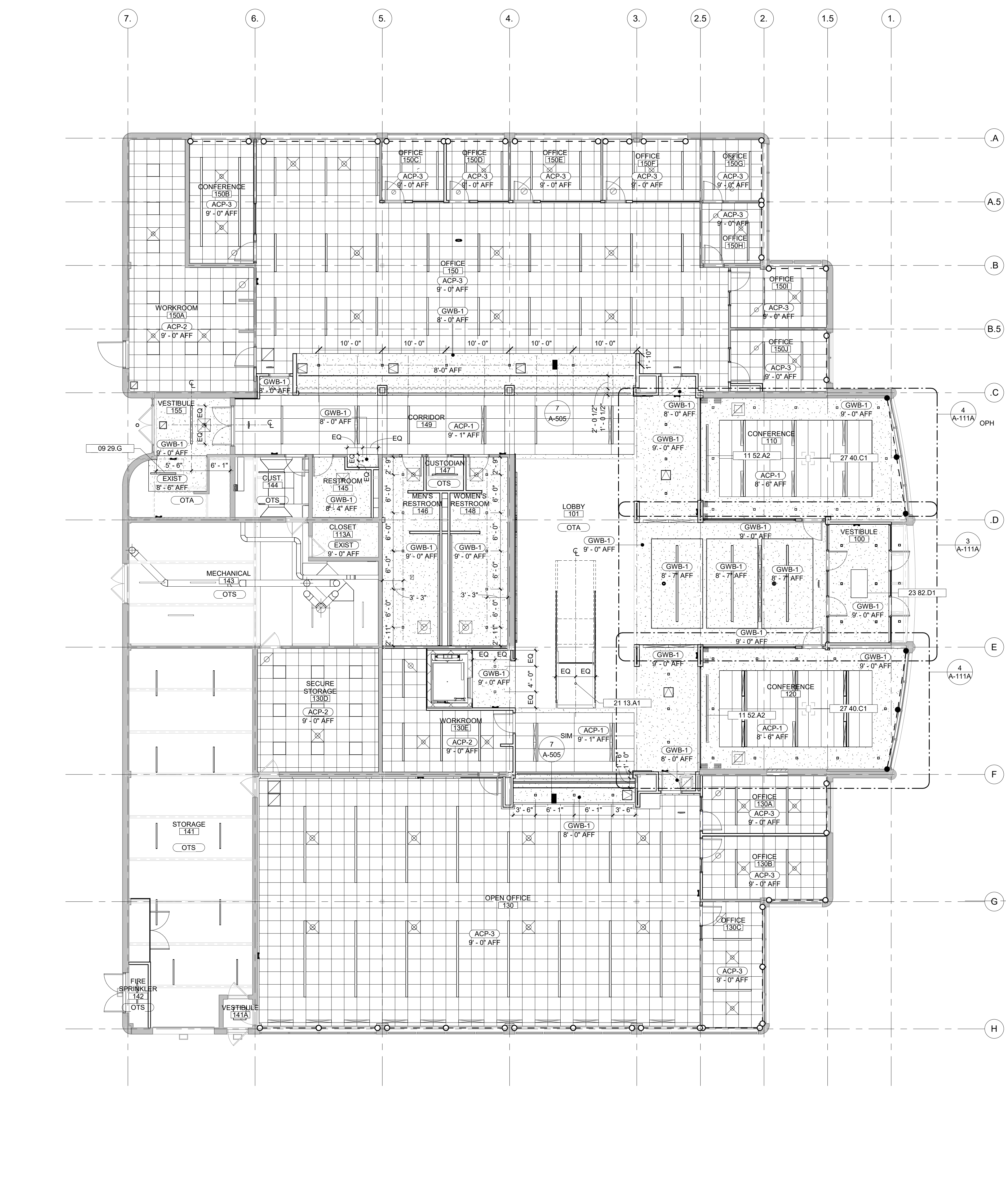
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- GENERAL NOTES**
1. CEILING MOUNTED FIXTURES, SPRINKLERS AND EQUIPMENT SHALL BE CENTERED IN CEILING PANELS OR GYPSUM BOARD SOFFITS AND EQUALLY SPACED UNLESS NOTED OTHERWISE.
 2. CENTER CEILING GRID IN ROOMS AS SHOWN UNLESS NOTED OTHERWISE.
 3. CONCEALED SPRINKLER HEAD COVERS SHALL BE COLOR MATCHED BY MANUFACTURER TO MATCH ADJACENT SOFFIT/ACP UNLESS NOTED OTHERWISE.
 4. COORDINATE LOCATIONS OF EXIT LIGHTS AND EMERGENCY LIGHTS SHOWN ON ARCHITECTURAL DRAWINGS IN THE EVENT OF A DISCREPANCY, VERIFY WITH ARCHITECT PRIOR TO INSTALLATION.
 5. CEILING FIXTURE DIMENSIONS ARE TAKEN FROM CENTERLINE OF FIXTURE UNLESS NOTED OTHERWISE.
 6. REFER TO ARCHITECTURAL DRAWINGS (ELEVATIONS & REFLECTED CEILING PLANS) FOR ALL MECHANICAL AND ELECTRICAL DEVICE AND FIXTURE LOCATIONS & MOUNTING HEIGHTS, IF NOT CLEARLY SPECIFIED, CONTACT ARCHITECT FOR FURTHER CLARIFICATION. MECHANICAL & ELECTRICAL DRAWINGS ARE FOR FIXTURE TYPE REFERENCE ONLY.
 7. PAINT ALL EXPOSED STRUCTURE, DECK, LACTWORK, CONDUIT, ETC. IN AREAS NOTED TO BE OPEN TO STRUCTURE UNLESS NOTED OTHERWISE. PAINTING OF EXPOSED STRUCTURE TO BE DONE AFTER ALL UTILITIES ARE INSTALLED.
 8. REFER TO STRUCTURAL AND MEPT DRAWING FOR ADDITIONAL DEMOLITION INFORMATION.

- KEYNOTE LEGEND**
- 09 29 C3 PATCH AND PAINT AREA OF CEILING AFTER INSTALLATION OF SPRINKLER PIPING, RE FIRE SPRINKLER DRAWINGS.
 - 09 29 G PATCH & REPAIR CEILING WHERE DEVICES OR CONDUIT WERE REMOVED. SEE OTHER DISCIPLINES FOR REMOVAL SCOPE.
 - 11 52 A2 MOTORIZED RECESSED PROJECTION SCREEN.
 - 21 13 A1 *CABINET UNIT HEATER. SEE FIRE SUPPRESSION DRAWINGS.
 - 23 82 D1 *CABINET UNIT HEATER - SEE MECHANICAL.
 - 27 40 C1 CEILING MOUNTED PROJECTOR. CFC. SEE AV DRAWINGS FOR ROUGH-IN.

- CEILING TYPE LEGEND**
- ACP-1 ACP-1: 2X6' ACOUSTIC CEILING
 - ACP-2 ACP-2: 2X2' ACOUSTIC CEILING TYPE 1
 - ACP-3 ACP-3: 2X2' ACOUSTIC CEILING TYPE 2
 - ACP-4 ACP-4: 2X6' ACOUSTIC CEILING HIGH NRC
 - GWB-1 GWB-1: GYPSUM BOARD CEILING
 - GWB-2 GWB-2: SEAMLESS ACOUSTIC CEILING
 - OTS OTS: OPEN TO STRUCTURE

- CEILING LEGEND**
- LINEAR FIXTURE
 - LINEAR PENDANT
 - RECESSED FIXTURE
 - DOWN LIGHT PENDANT
 - UTILITY LIGHT
 - SPRINKLER
 - SPEAKER
 - MICROPHONE
 - WIRELESS ROUTER
 - CEILING MOUNT CLOCK
 - DATA / POWER FOR CEILING MOUNT MONITORS
 - CEILING MOUNT CAMERA
 - PROJECTOR
 - HVAC RETURN DIFFUSER
 - HVAC SUPPLY DIFFUSER
 - HVAC SLOT DIFFUSER
 - HVAC CYLINDER DIFFUSER
 - ACCESS PANEL
 - CEILING MOUNTED MONITORS
 - MANUAL ROLLER SHADE (WT-1)
 - MOTORIZED ROLLER SHADE (WT-2)
 - CEILING MOUNTED CAMERA
 - CEILING MOUNTED SPEAKER



1 ADM LEVEL 1
 1/8" = 1'-0"

2 ADM LEVEL 2
 1/8" = 1'-0"

3 ENLARGED RCP - ADM LEVEL 1 ENTRY
 1/4" = 1'-0"

4 ENLARGED RCP - ADM LEVEL 1 - CONFERENCE 110 AND 120
 1/4" = 1'-0"

Revision	Description	Date

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Owner
Johnson County, Iowa

Project
JOHNSON COUNTY ADMINISTRATION AND HEALTH & HUMAN SERVICES BUILDINGS REMODELING PROJECT

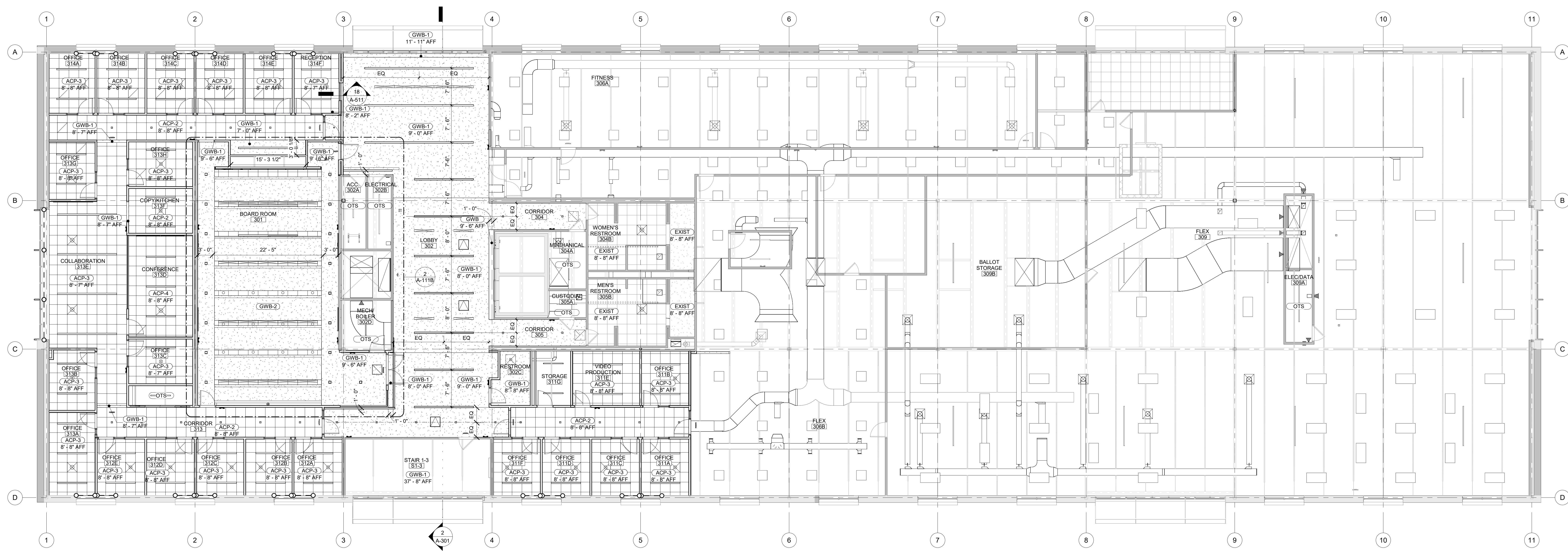
913 S Dubuque St,
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Mechanical Engineer
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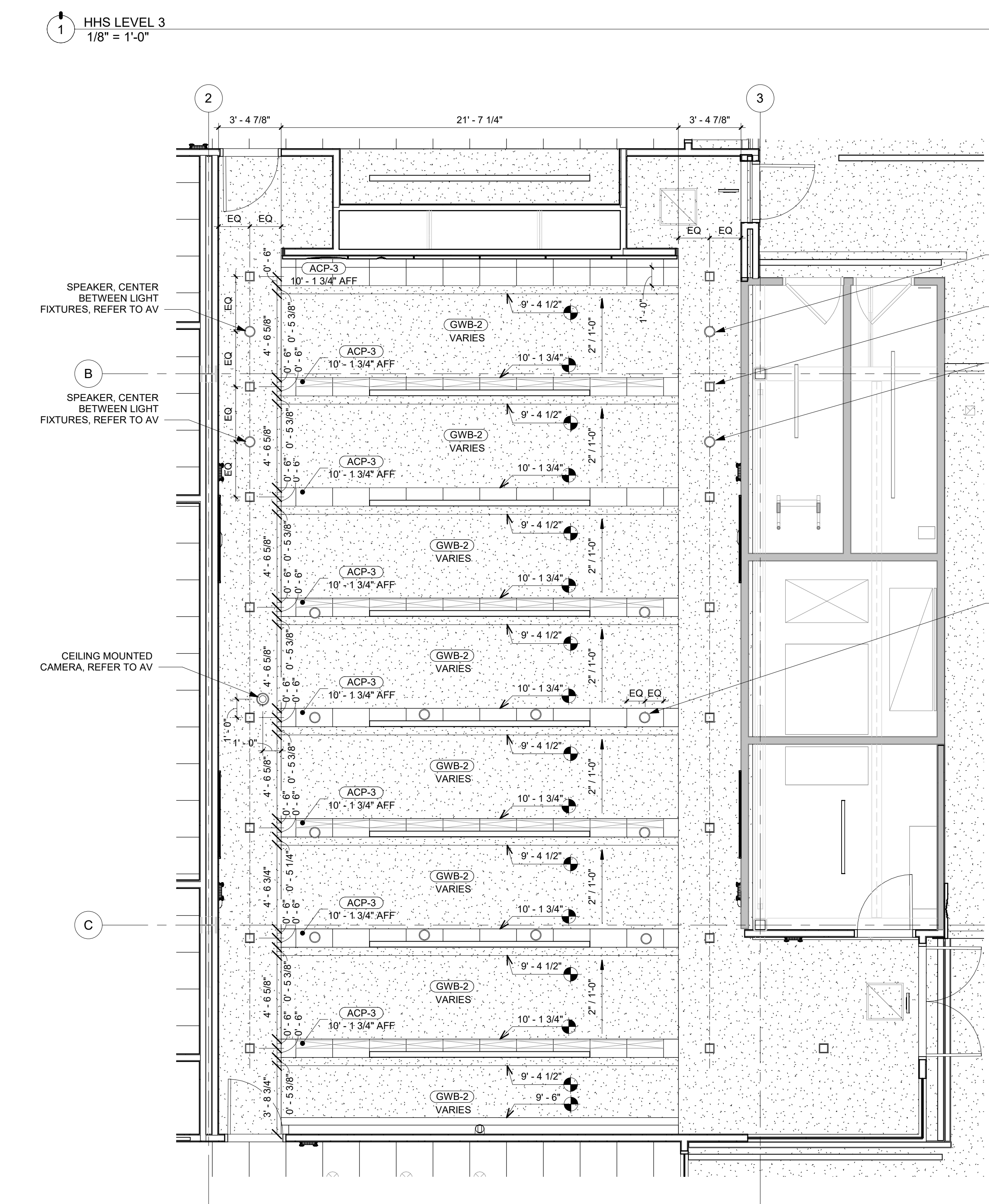
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- KEYNOTE LEGEND**
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BOARD ROOM 301 - ENLARGED RCP
1/4" = 1'-0"

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 4. COORDINATE LOCATIONS OF EXIT LIGHTS AND EMERGENCY LIGHTS SHOWN ON ARCHITECTURAL DRAWINGS. IN THE EVENT OF A DISCREPANCY, VERIFY WITH ARCHITECT PRIOR TO INSTALLATION.
 5. CEILING FIXTURE DIMENSIONS ARE TAKEN FROM CENTERLINE OF FIXTURE UNLESS NOTED OTHERWISE.
 6. REFER TO ARCHITECTURAL DRAWINGS (ELEVATIONS & REFLECTED CEILING PLANS) FOR ALL MECHANICAL AND ELECTRICAL DEVICE AND FIXTURE LOCATIONS & MOUNTING HEIGHTS. IF NOT CLEARLY SPECIFIED, CONTACT ARCHITECT FOR FURTHER CLARIFICATION. MECHANICAL & ELECTRICAL DRAWINGS ARE FOR FIXTURE TYPE REFERENCE ONLY.
 7. PAINT ALL EXPOSED STRUCTURE, DECK, DUCTWORK, CONDUIT, ETC. IN AREAS NOTED TO BE OPEN TO STRUCTURE UNLESS NOTED OTHERWISE. PAINTING OF EXPOSED STRUCTURE TO BE DONE AFTER ALL UTILITIES ARE INSTALLED.
 8. REFER TO STRUCTURAL AND MEPT DRAWING FOR ADDITIONAL DEMOLITION INFORMATION.



- CEILING TYPE LEGEND**
- ACP-1: 2'x2' ACOUSTIC CEILING
 - ACP-2: 2'x2' ACOUSTIC CEILING TYPE 1
 - ACP-3: 2'x2' ACOUSTIC CEILING TYPE 2
 - ACP-4: 2'x2' ACOUSTIC CEILING HIGH RNC
 - GWB-1: GYPSUM BOARD CEILING
 - GWB-2: SEAMLESS ACOUSTIC CEILING
 - OTS: OPEN TO STRUCTURE

- CEILING LEGEND**
- LINEAR FIXTURE
 - LINEAR PENDANT
 - RECESSED FIXTURE
 - DOWN LIGHT PENDANT
 - UTILITY LIGHT
 - SPRINKLER
 - SPEAKER
 - MICROPHONE
 - WIRELESS ROUTER
 - CEILING MOUNT CLOCK
 - DATA / POWER FOR CEILING MOUNT MONITORS
 - CEILING MOUNT CAMERA
 - PROJECTOR
 - HVAC RETURN DIFFUSER
 - HVAC SUPPLY DIFFUSER
 - HVAC SLOT DIFFUSER
 - HVAC CYLINDER DIFFUSER
 - ACCESS PANEL
 - CEILING MOUNTED MONITORS
 - MANUAL ROLLER SHADE (WT-1)
 - MOTORIZED ROLLER SHADE (WT-2)
 - CEILING MOUNTED CAMERA
 - CEILING MOUNTED SPEAKER

HHS - LEVEL 3 REFLECTED CEILING PLAN - TEMPORARY
1/8" = 1'-0"

Revision Description Date

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GENERAL NOTES

- DIMENSIONS ARE MEASURED FACE-OF-FINISH TO FACE-OF-FINISH OR ROUGH MASONRY OPENING UNLESS NOTED OTHERWISE - TYPICAL FOR ALL DRAWINGS.
- FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS - TYPICAL FOR ALL DRAWINGS.
- IN THE EVENT OF A DISCREPANCY BETWEEN ARCHITECTURAL AND CONSULTANT DRAWINGS, NOTIFY ARCHITECT IMMEDIATELY PRIOR TO COMMENCING WORK - TYPICAL FOR ALL DRAWINGS.
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- PATCH AND REPAIR EXISTING FLOOR SLABS AND WALL SURFACES DAMAGED FROM DEMOLITION.
- PATCH AND REPAIR EXISTING WALL SURFACES WHERE EXISTING ITEMS ARE REMOVED.
- INSTALL FIRE EXTINGUISHERS AS REQUIRED PER NFPA 10.

GENERAL FINISH NOTES

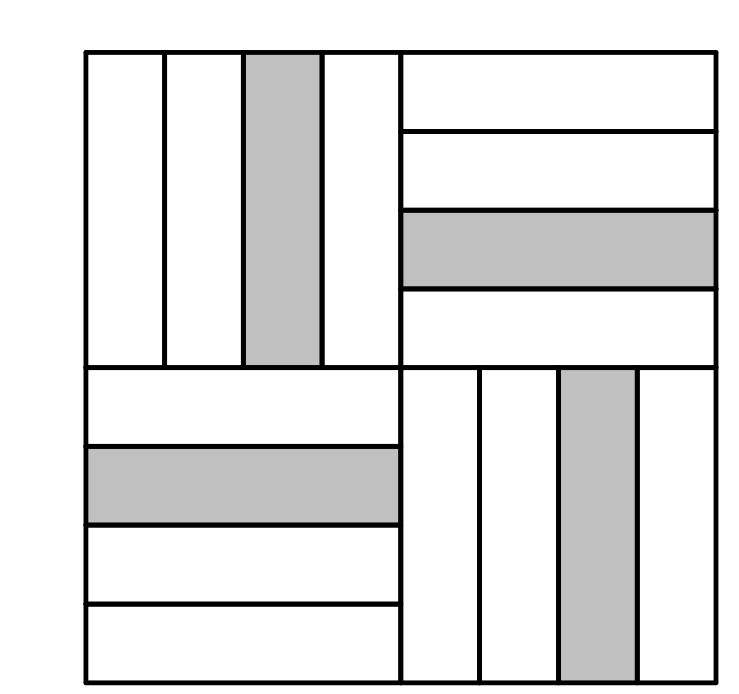
- PAINT ALL INTERIOR MISCELLANEOUS METAL GRILLES, LOUVERS ACCESS PANELS, PIPES AND CONDUIT EXPOSED TO VIEW TO MATCH THE WALLS IN WHICH THEY OCCUR UNLESS OTHERWISE NOTED.
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- ALL FLOORING MATERIAL TRANSITIONS, TERMINATION AND SEAM LOCATIONS ARE TO BE CENTERED UNDER DOOR LEAFS IN CLOSED POSITION U.N.O.
- EXTEND FLOORING INTO TOE SPACES, DOOR REVEALS, CLOSETS AND SIMILAR OPENINGS U.N.O.
- PROVIDE FLOORING TRANSITION STRIPS AT FLOOR MATERIAL CHANGES. COORDINATE FLOORING TRANSITION MATERIAL, PROFILE, AND COLOR WITH ARCHITECT PRIOR TO INSTALLATION. REFER TO DETAIL DRAWINGS ON A-609 FOR DESIGN INTENT.
- REFER TO SHEET AG001 FOR TYPICAL MOUNTING HEIGHTS.
- POWER AND DATA LOCATIONS ARE TO BE COORDINATED IN THE FIELD WITH FINAL FURNISHING PLANS PRIOR TO INSTALLATION OF BOXES, FITTINGS, AND RACEWAYS.

KEYNOTE LEGEND

- 09 31 A1 PCT-1 FULL TILE PATTERN TO START AT WOG-1 AND CENTERED ON DOOR
- 09 31 A2 PCT-1 FULL TILE PATTERN TO START CENTERED AT STAIR VESTIBULE
- 09 62 A1 CARPET PATTERN TO EXTEND UNDER COUNTERTOPS
- 09 70 A2 FRP TO SURROUND MOP SINK

FINISH FLOORING LEGEND

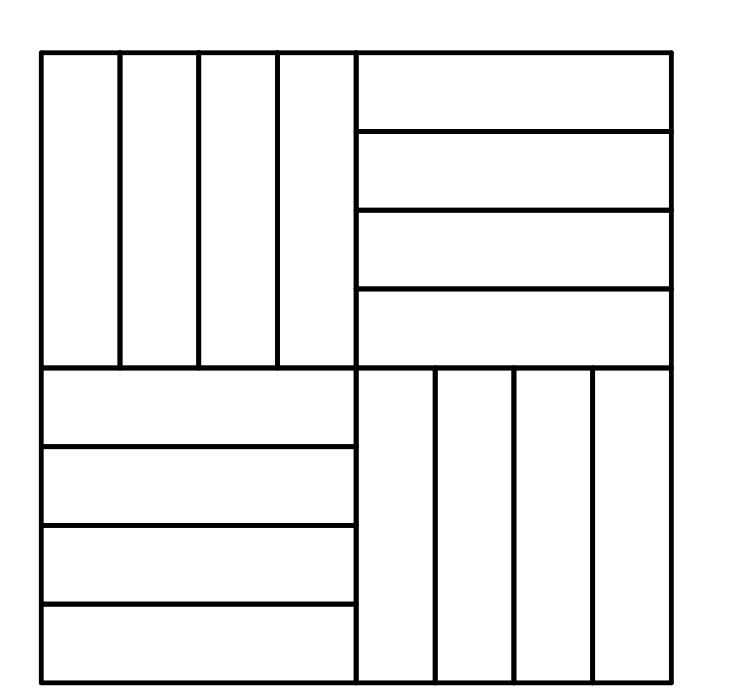
- CPT PATTERN 1 SEE DETAIL 1A121A
- CPT PATTERN 2 SEE DETAIL 2A121A
- CPT PATTERN 3 SEE DETAIL 3A121A
- CPT PATTERN 4 HERRINGBONE SEE DETAIL 2A121B
- CPT PATTERN 5 SEE DETAIL 2A121B
- CPT PATTERN 6 CPT 2 - ASHLAR
- PCT-1 LARGE FORMAT PORCELAIN TILE
- RF-1 LVT
- SC SEALED CONCRETE
- WOG-1 WALK OFF GRATE
- WOM-1 WALK OFF MAT



1 CARPET PATTERN 1 - ADM
1/2" = 1'-0"

CARPET PATTERN 1 - COLOR LEGEND
CPT 2
CPT 4

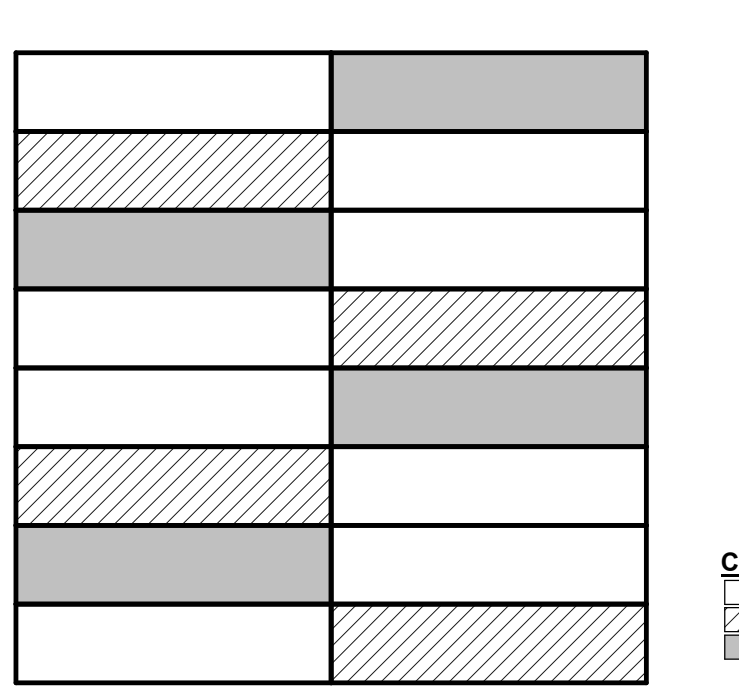
*REFER TO A-609 FOR CARPET TYPE DETAILS



2 CARPET PATTERN 2 - ADM
1/2" = 1'-0"

CARPET PATTERN 2 - COLOR LEGEND
CPT 2

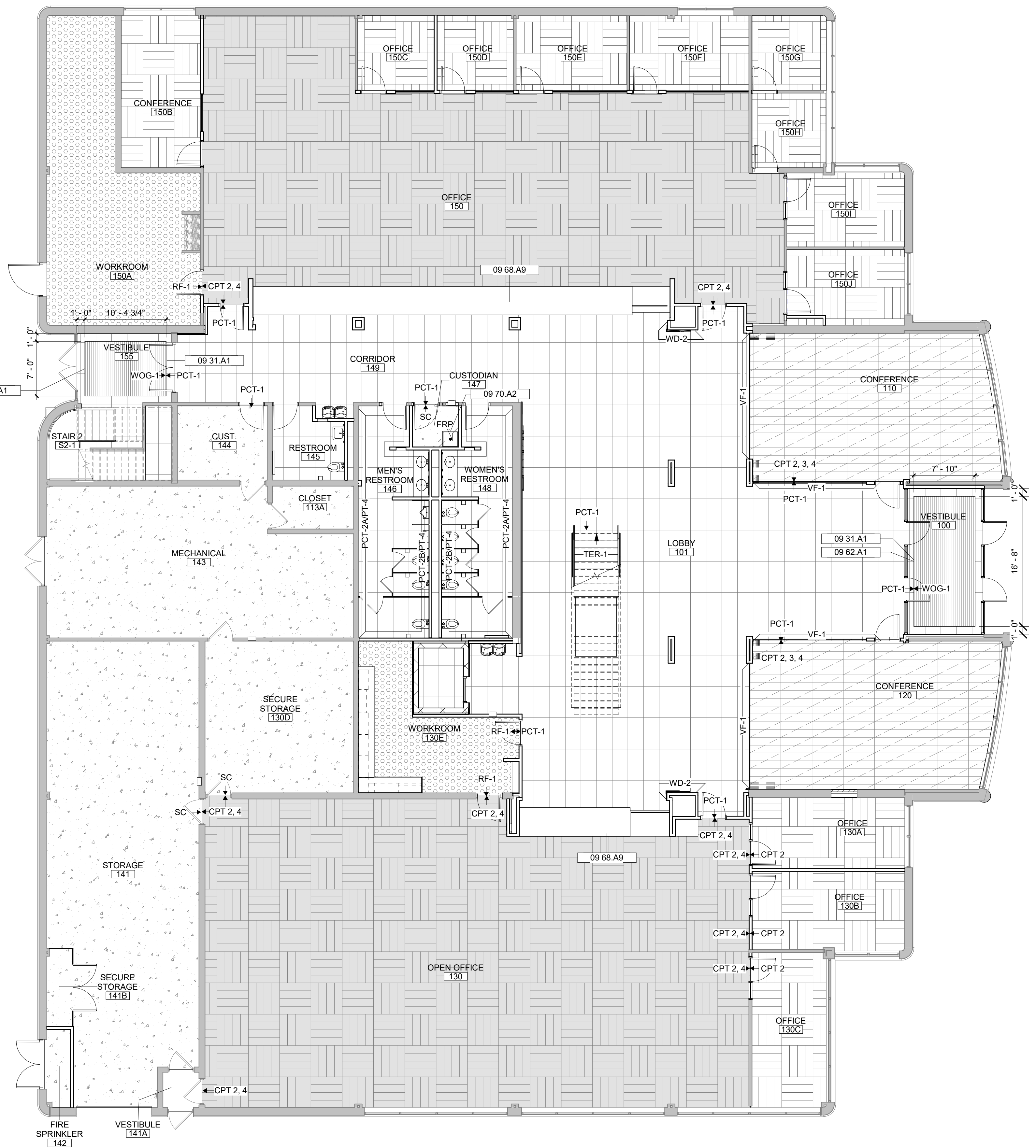
*REFER TO A-609 FOR CARPET TYPE DETAILS



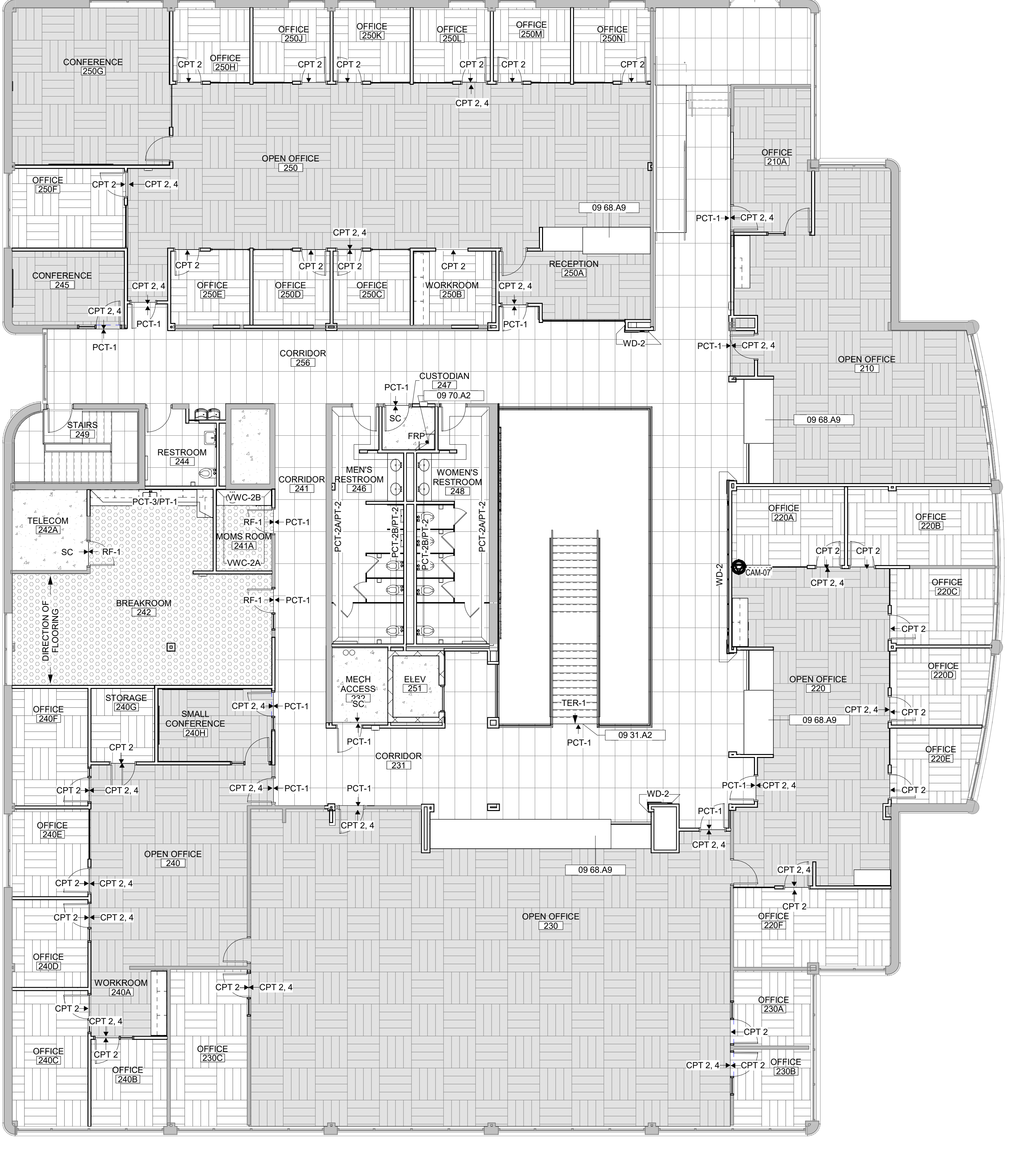
3 CARPET PATTERN 3 - ADM
1/2" = 1'-0"

CARPET PATTERN 3 - COLOR LEGEND
CPT 2
CPT 3
CPT 4

*REFER TO A-609 FOR CARPET TYPE DETAILS



4 ADM - LEVEL 1 FINISH PLAN
1/8" = 1'-0"



5 ADM - LEVEL 2 FLOOR PLAN
1/8" = 1'-0"

Revision	Description	Date

GENERAL NOTES

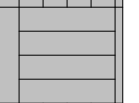
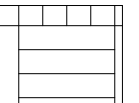
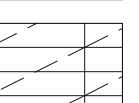
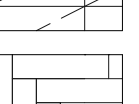
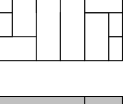
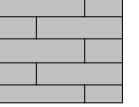
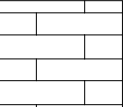
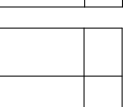
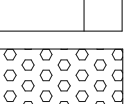
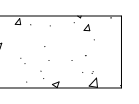

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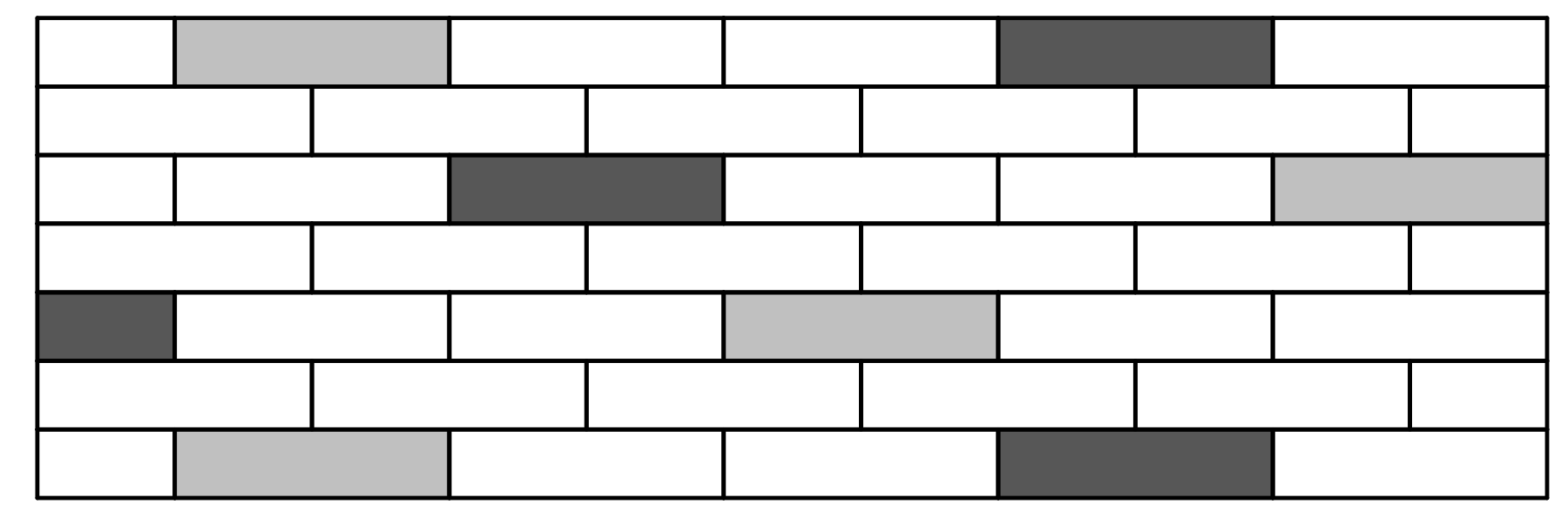
KEYNOTE LEGEND

FINISH FLOORING LEGEND:

-  **CPT PATTERN 1**
SEE DETAIL 1A121A
-  **CPT PATTERN 2**
SEE DETAIL 2A121A
-  **CPT PATTERN 3**
SEE DETAIL 3A121A
-  **CPT PATTERN 4**
CPT 2 - HERRINGBONE
-  **CPT PATTERN 5**
SEE DETAIL 2A121B
-  **CPT PATTERN 6**
CPT 2 - ASHLAR
-  **PCT-1**
LARGE FORMAT PORCELAIN TILE
-  **RF-1**
LVT
-  **SC**
SEALED CONCRETE
-  **WOG-1**
WALK OFF GRATE
-  **WOM-1**
WALK OFF MAT



1 HHS - LEVEL 3 FINISH PLAN
1/8" = 1'-0"



CARPET PATTERN 5 - COLOR LEGEND
CPT 2
CPT 3
CPT 4
*REFER TO A-609 FOR CARPET TYPE DETAILS

2 Carpet Pattern 5- HHS
1/2" = 1'-0"

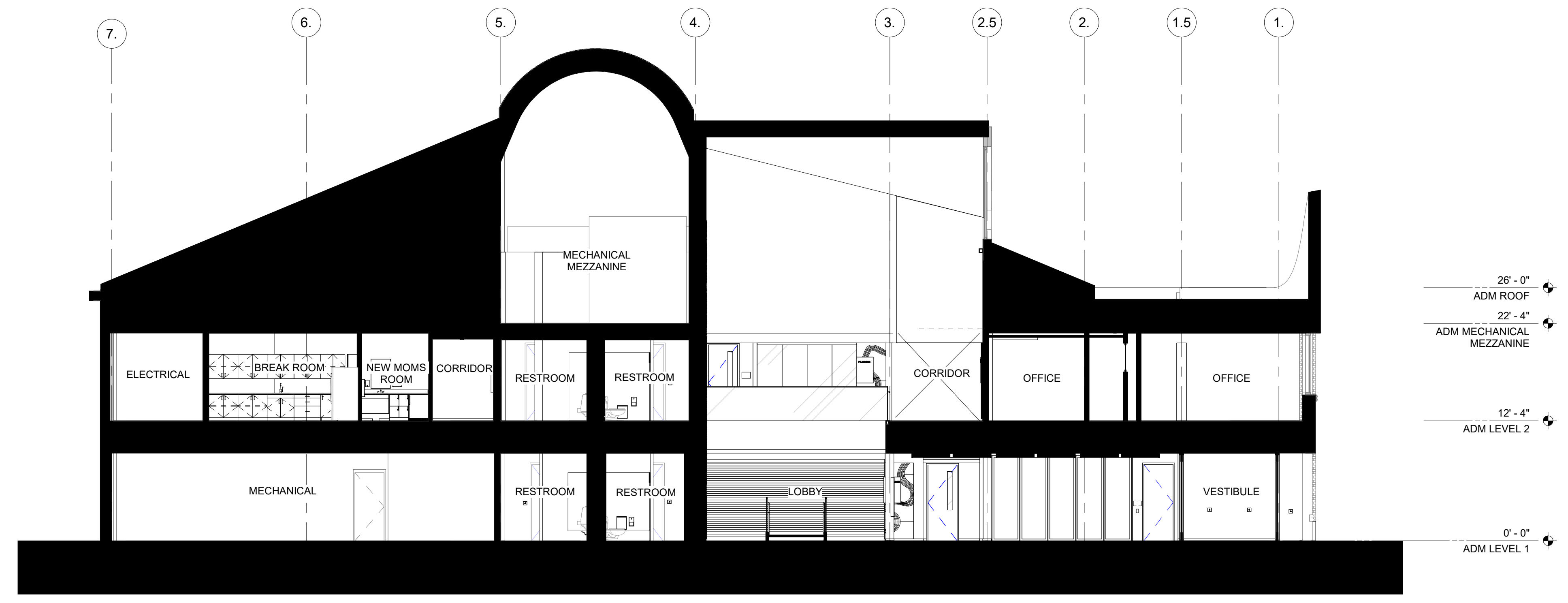
Key Plan

Revision	Description	Date

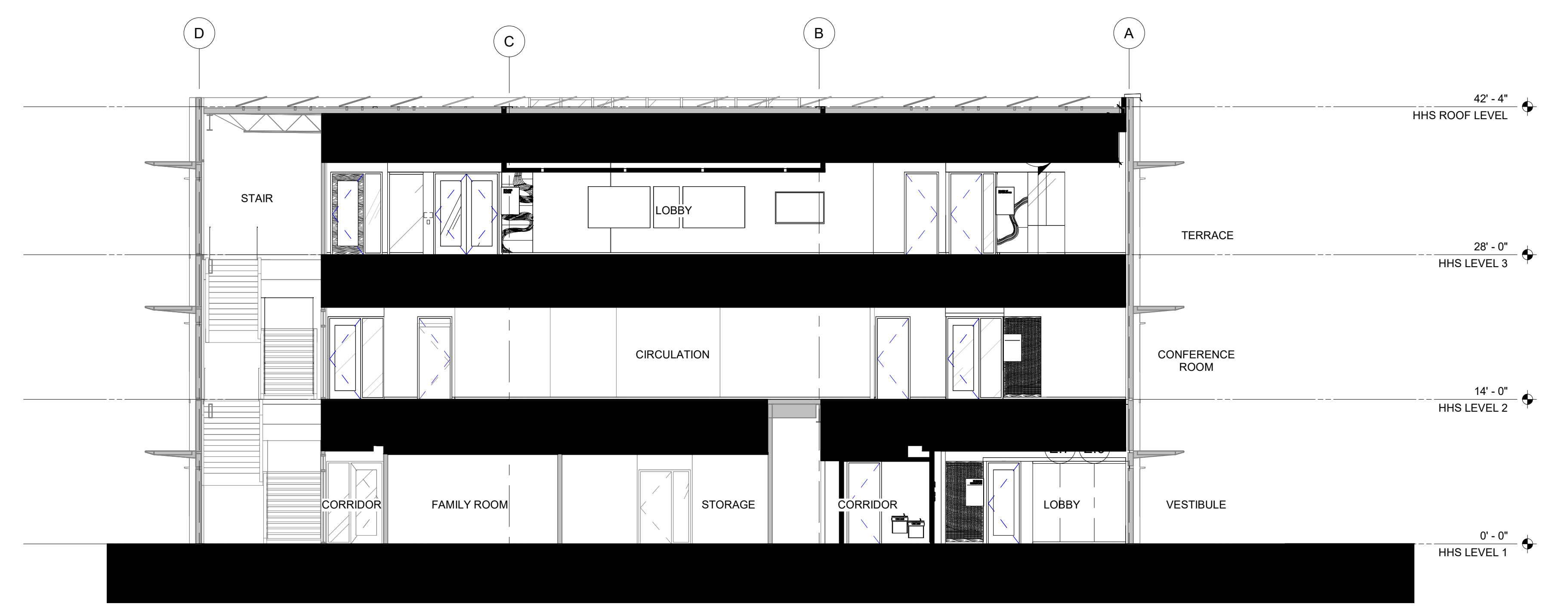
Revision Table

Revision	Description	Date

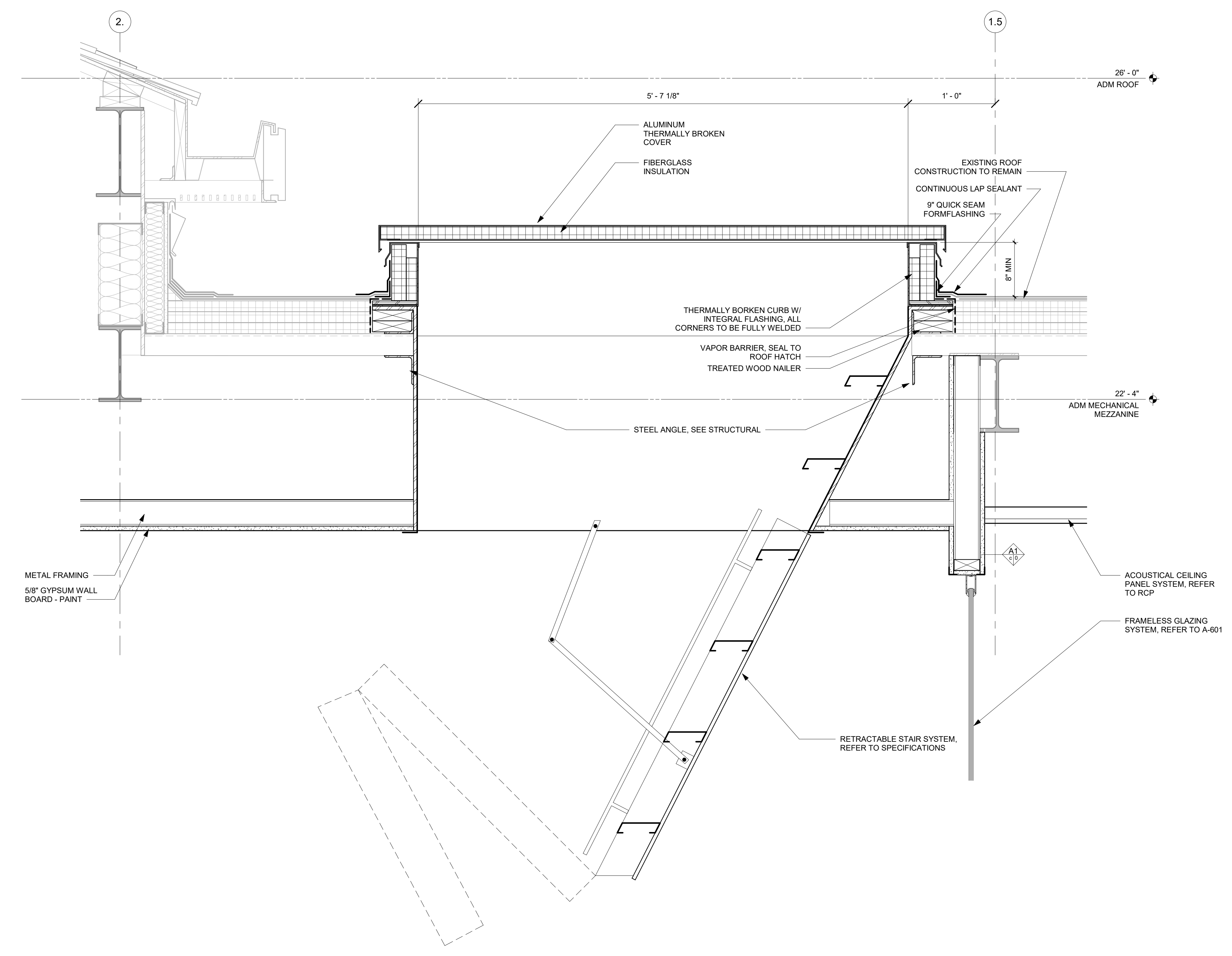
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1 ADM Building Section
1/8" = 1'-0"

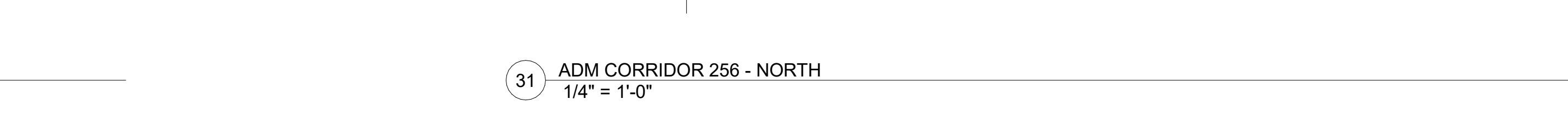
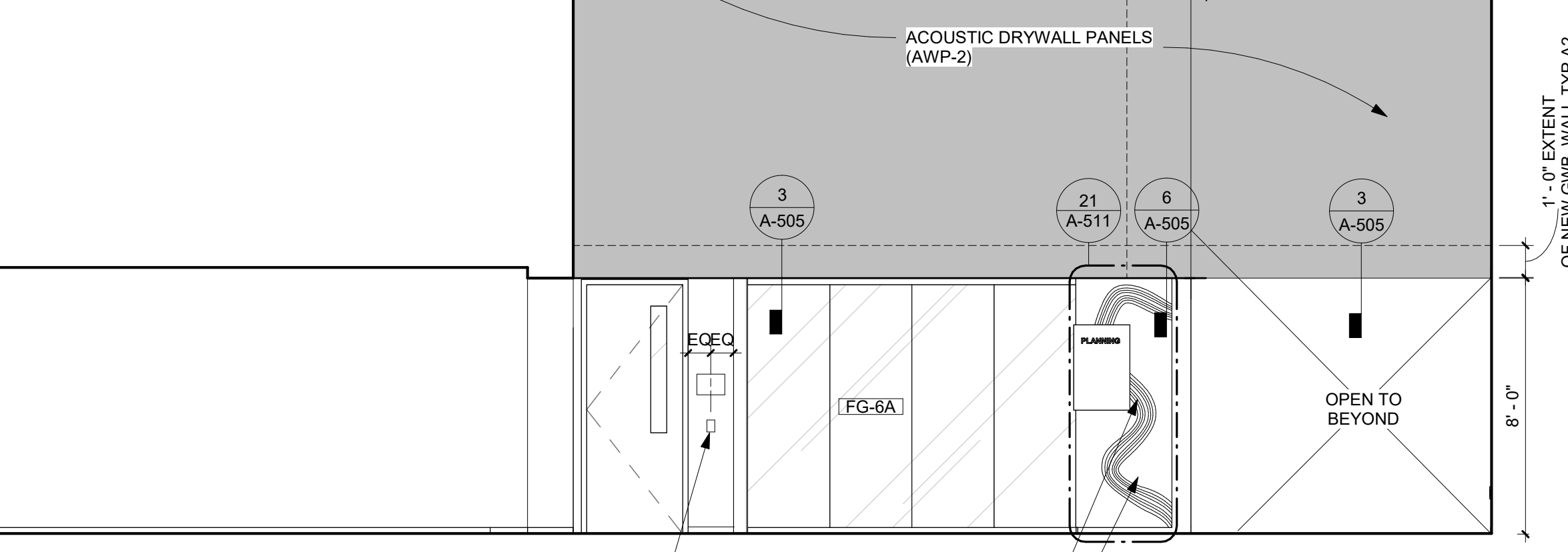
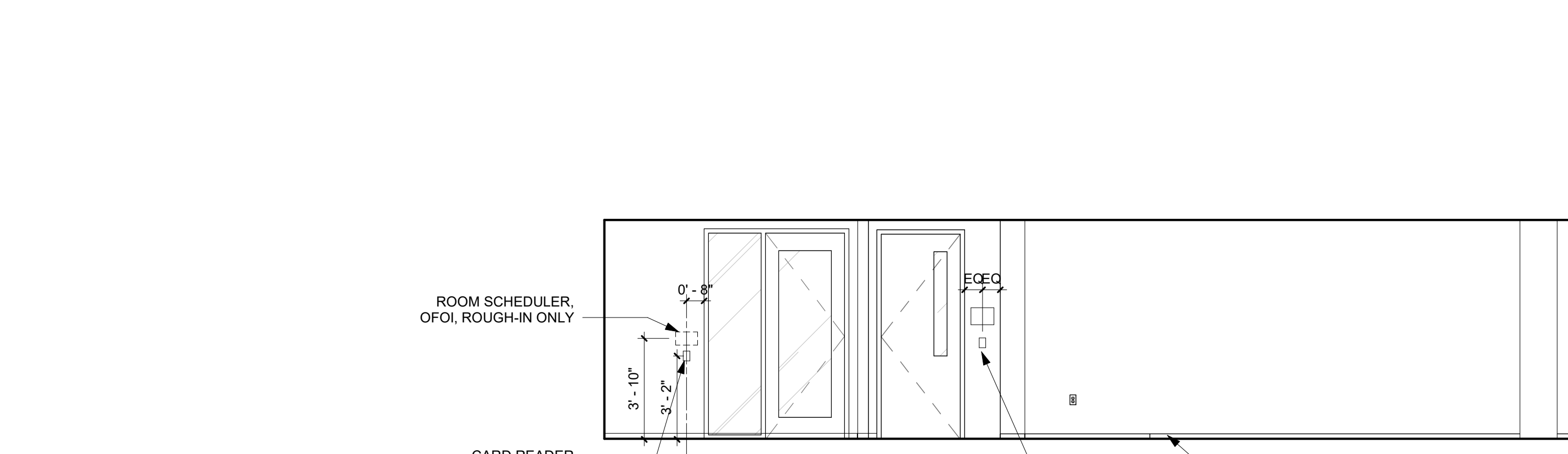
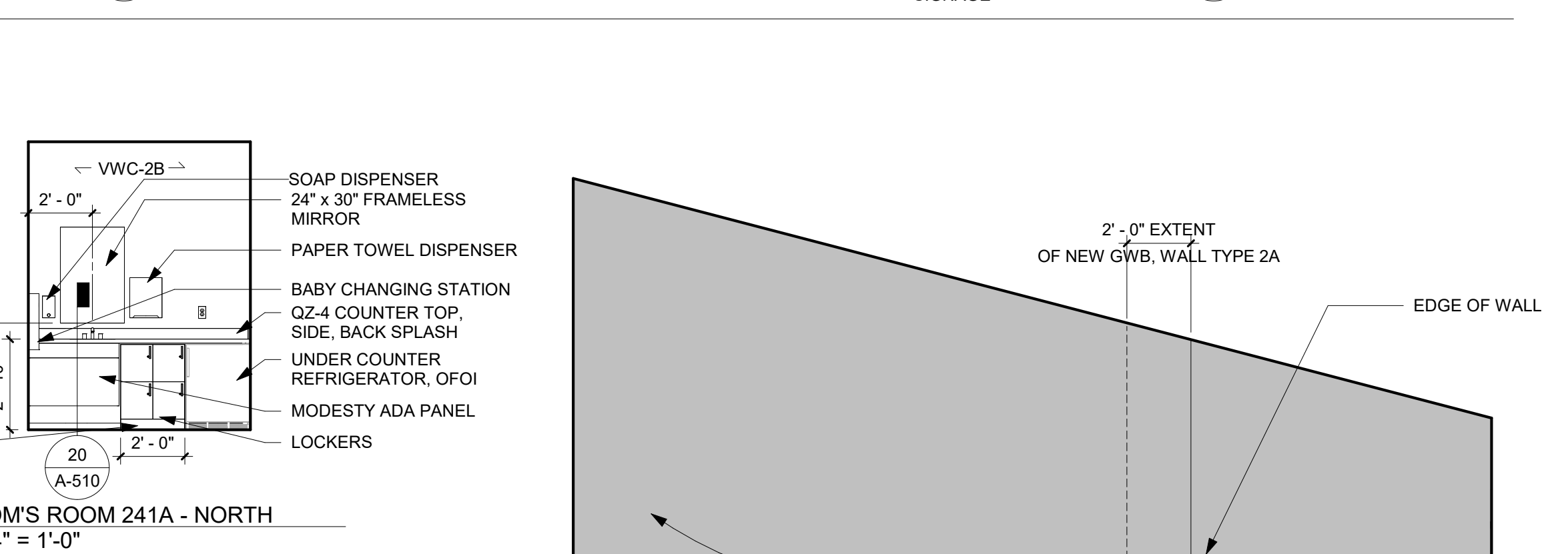
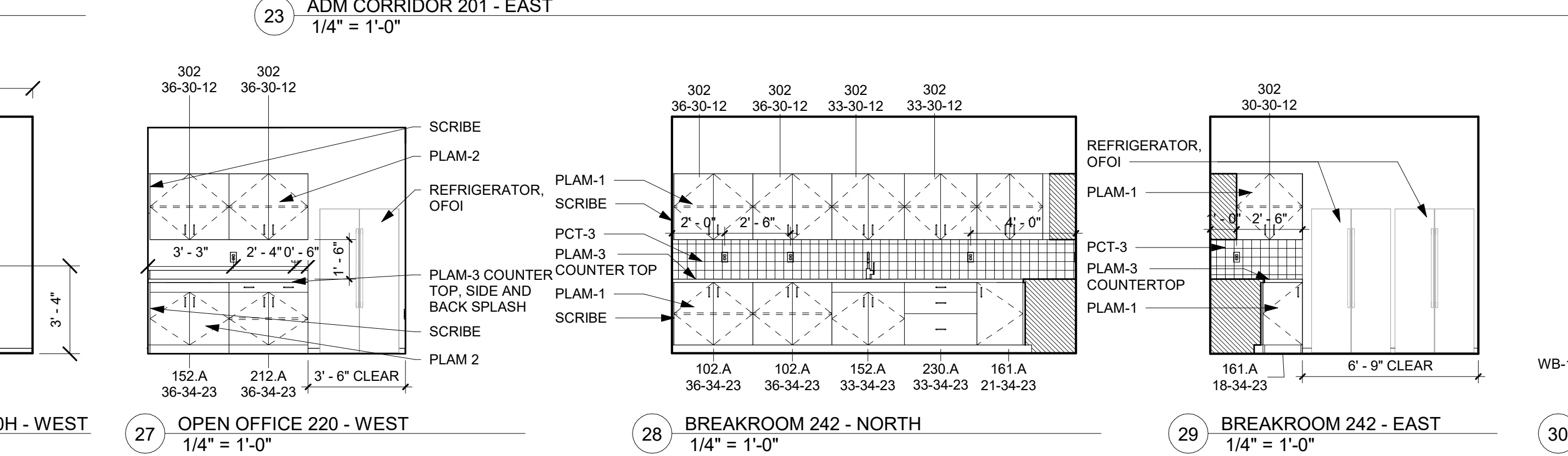
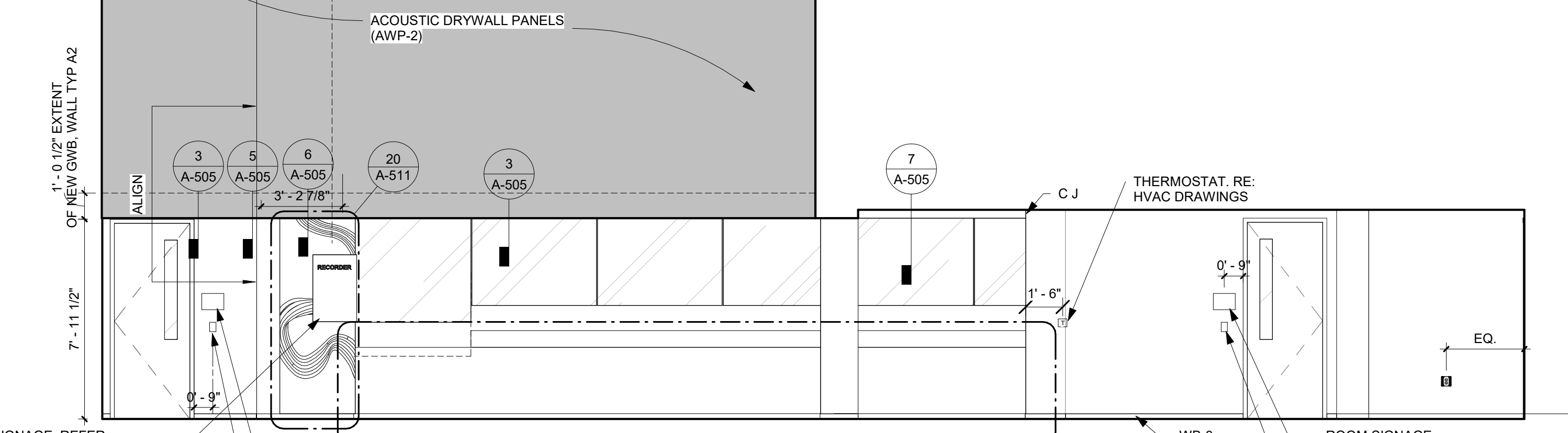
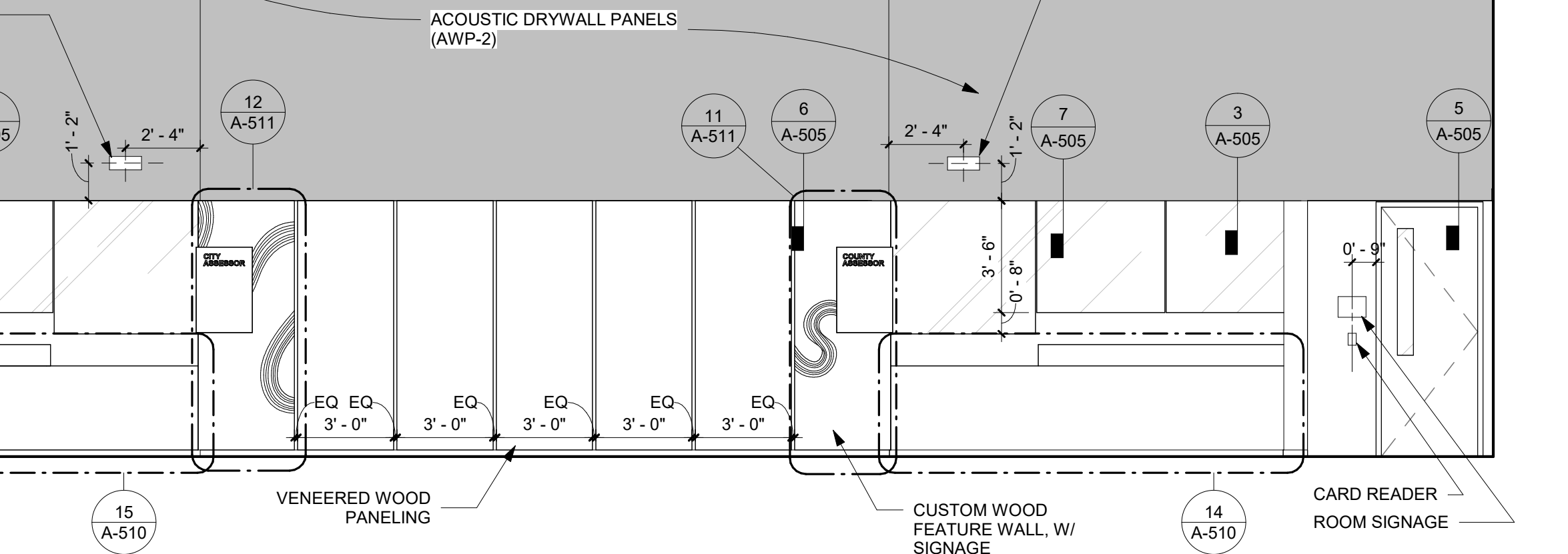
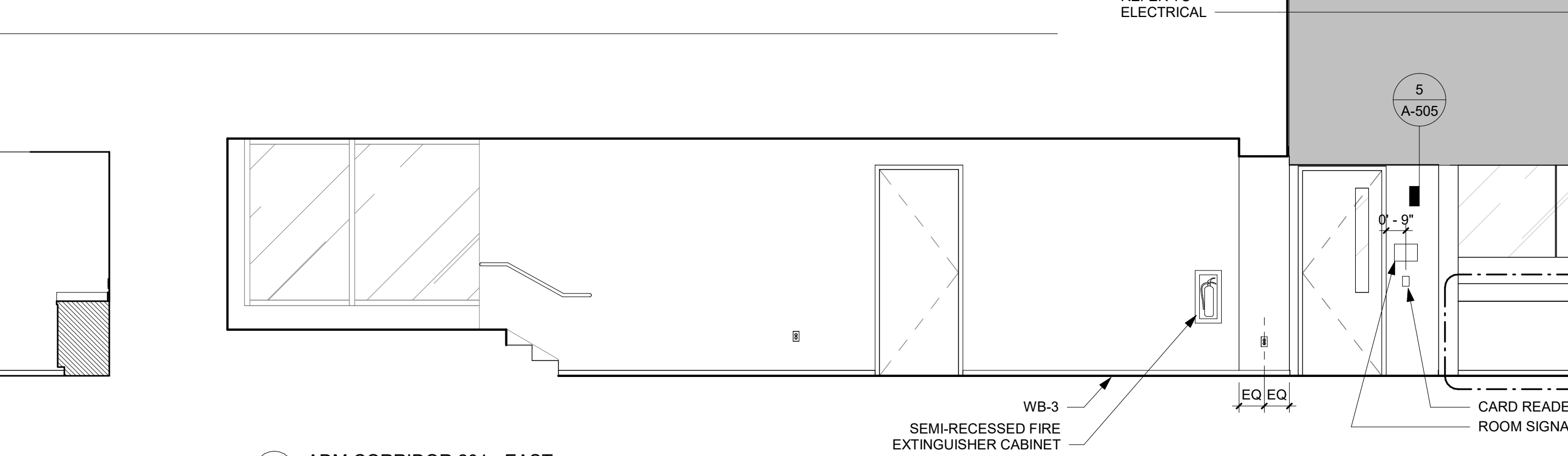
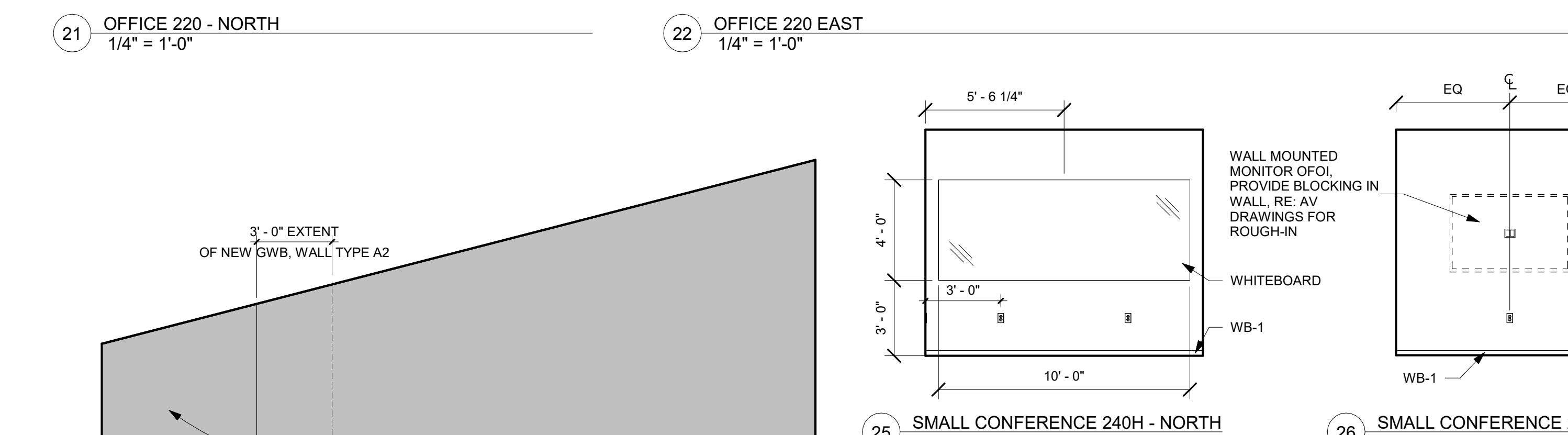
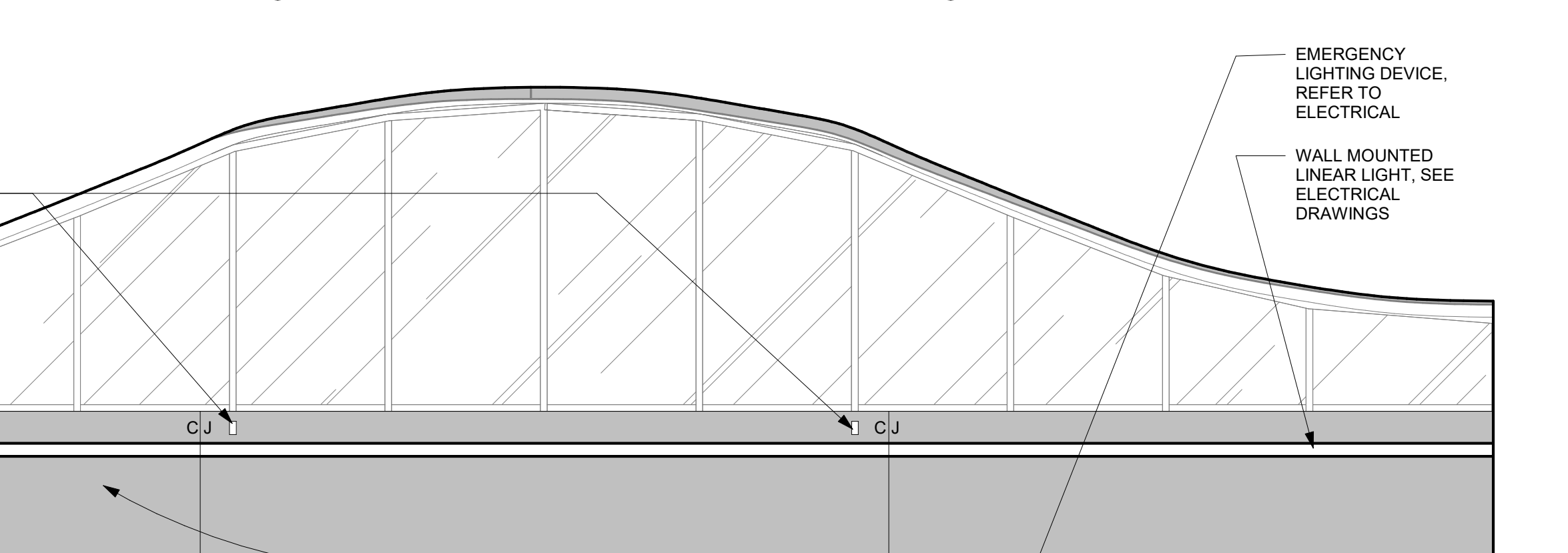
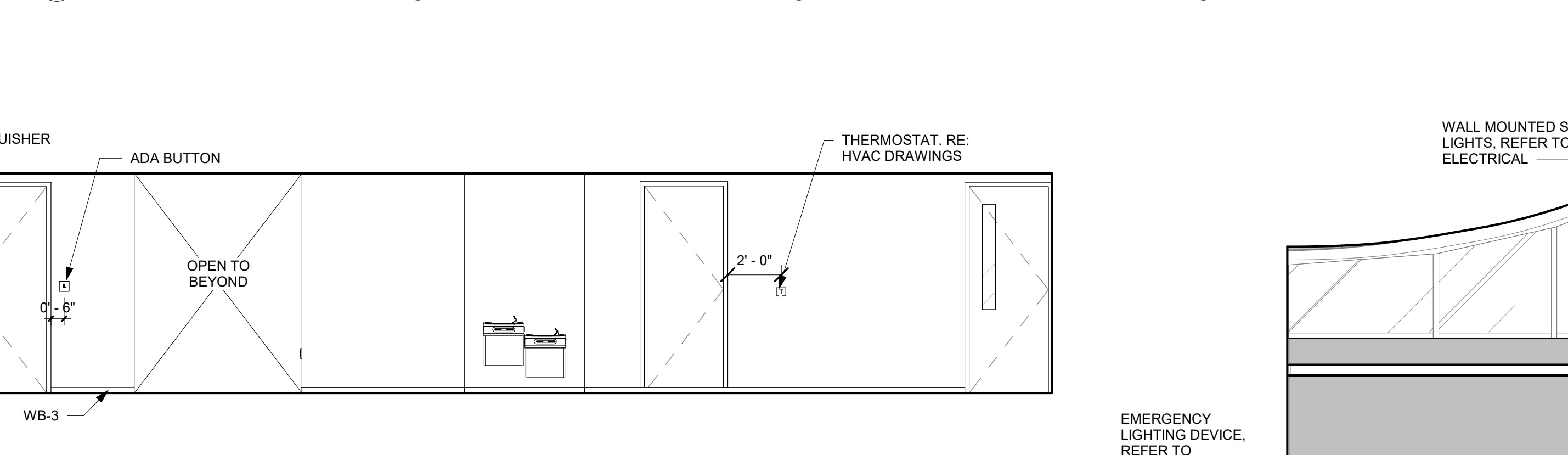
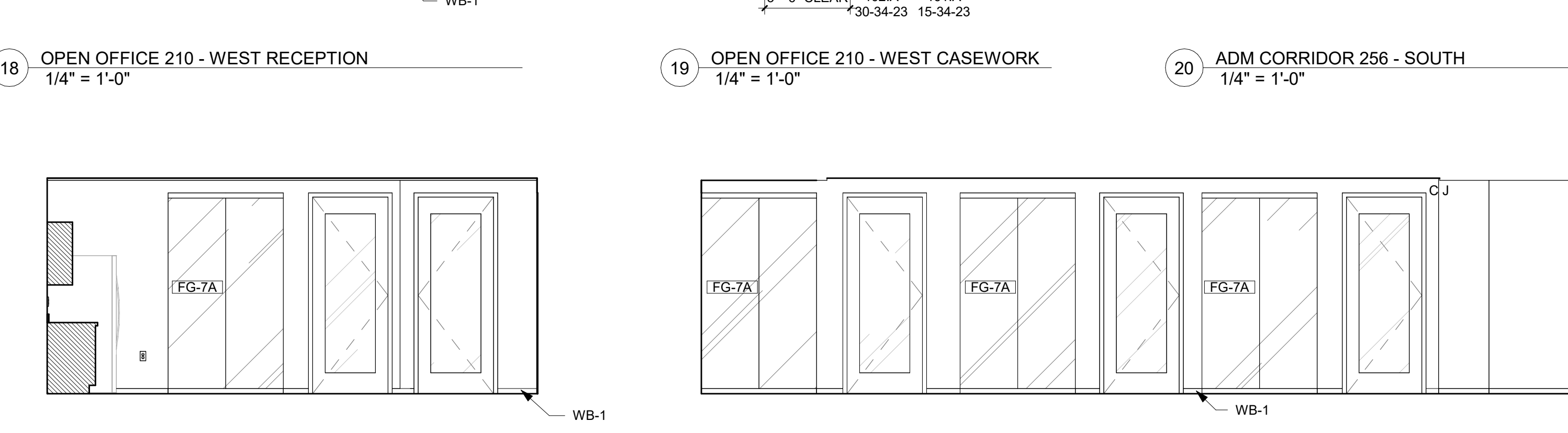
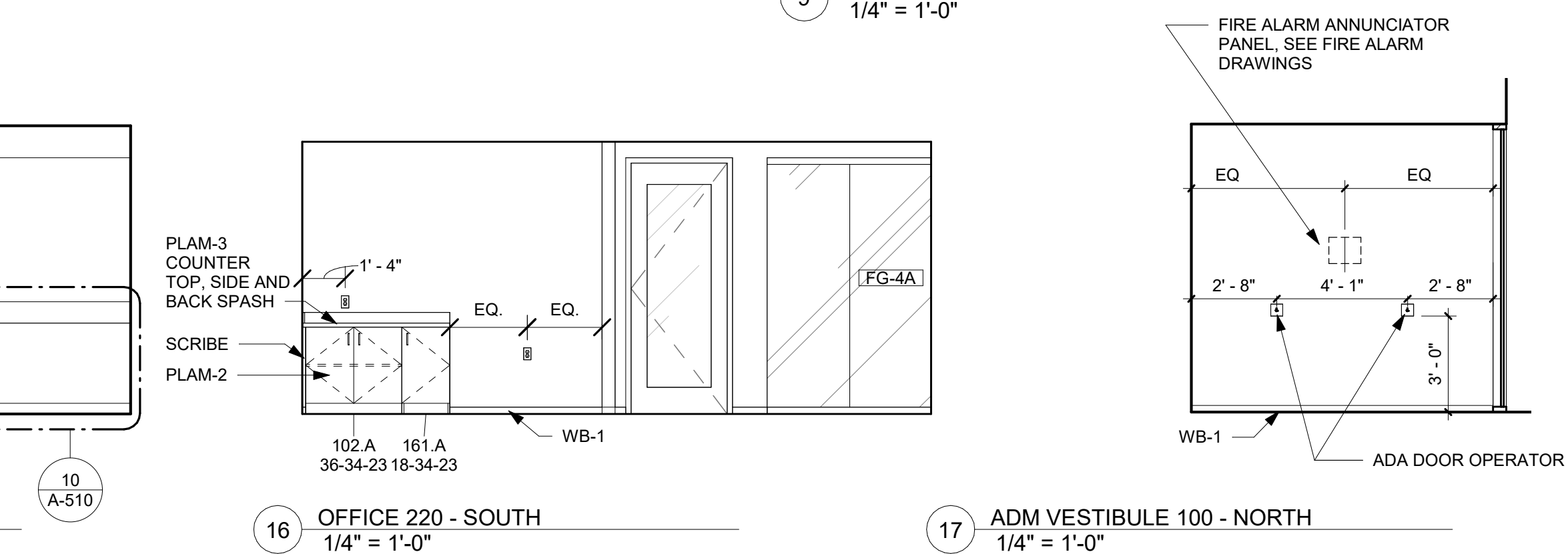
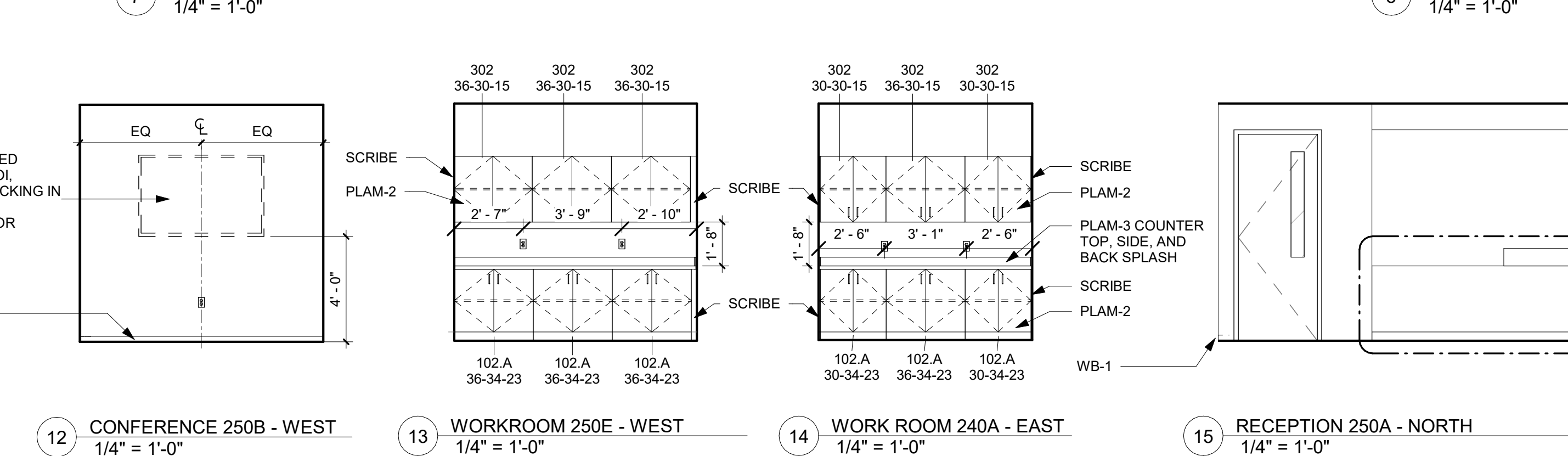
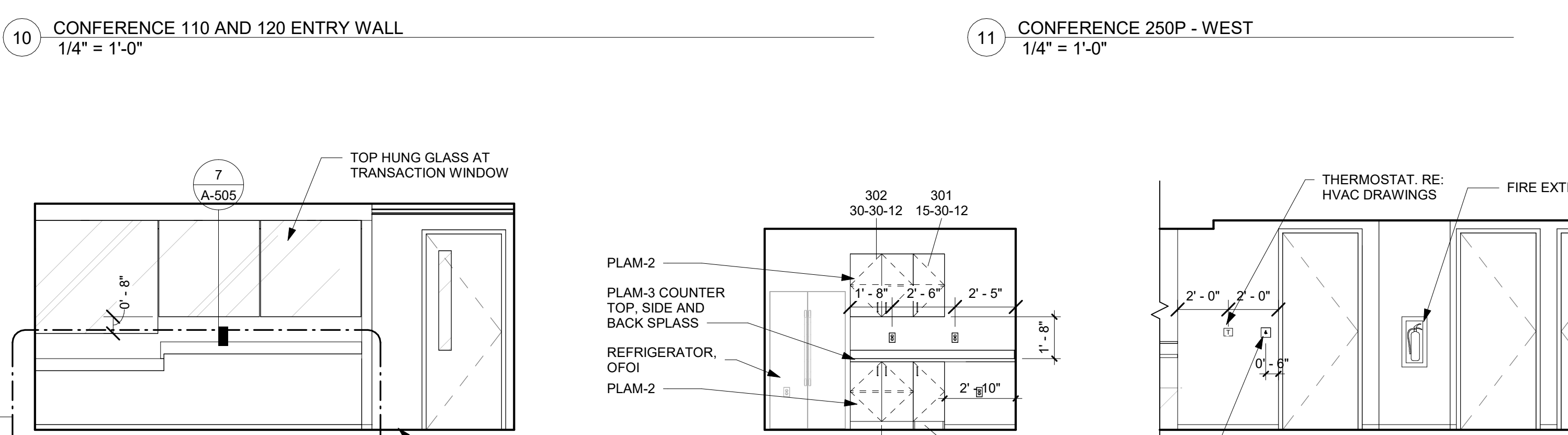
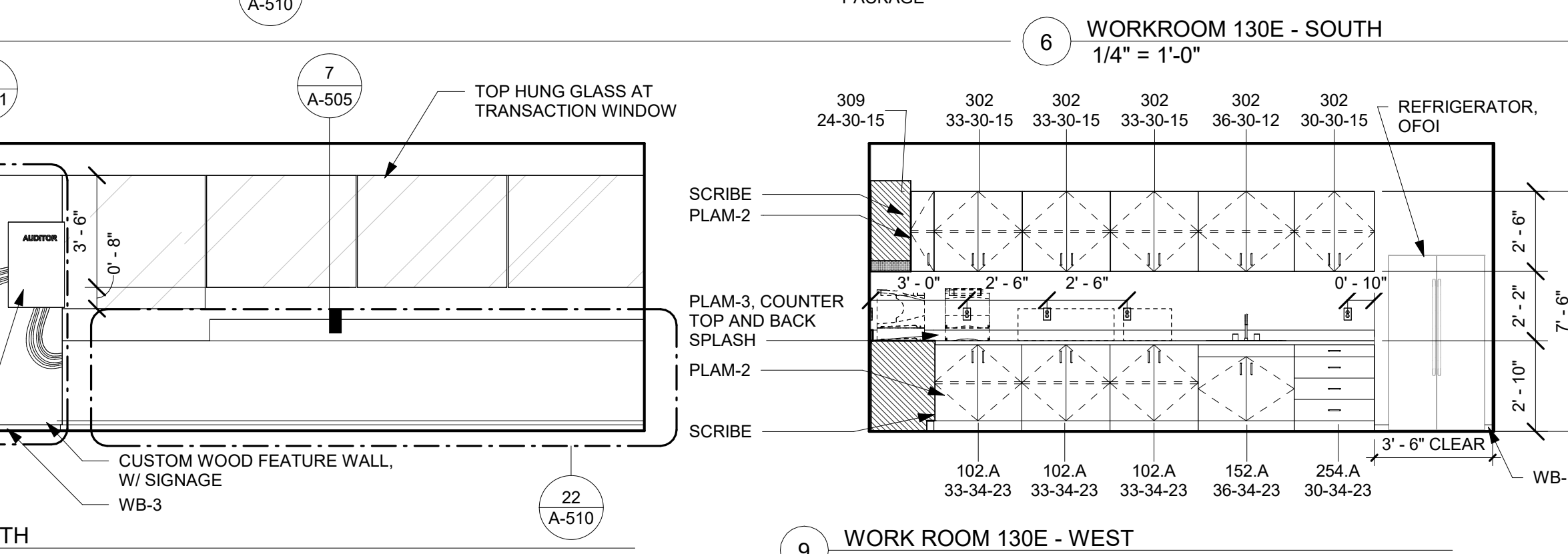
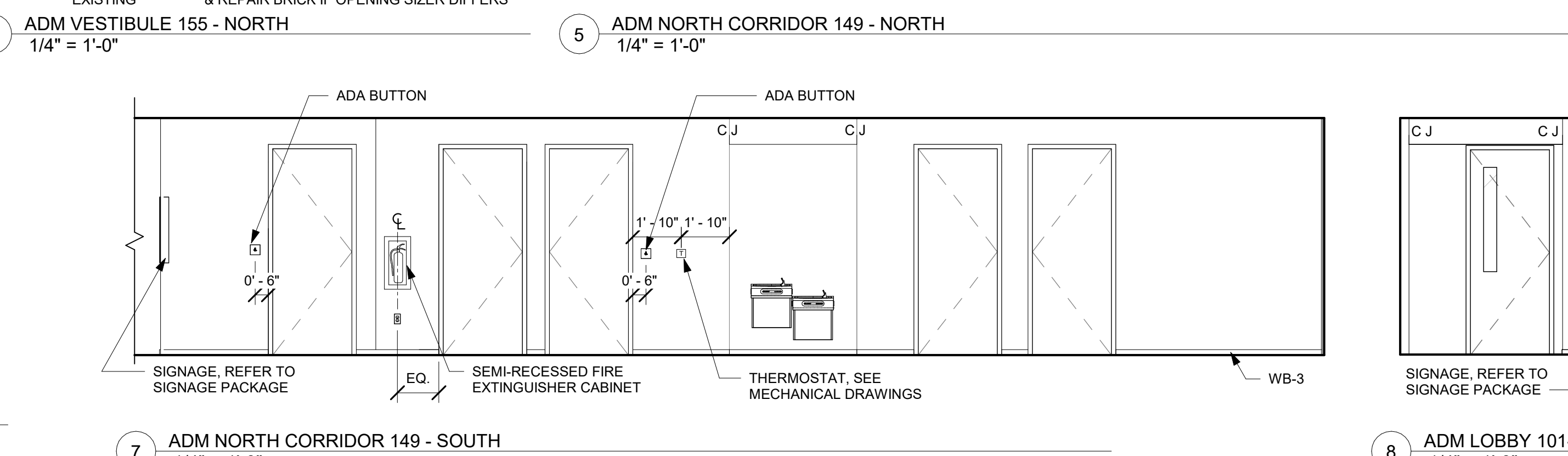
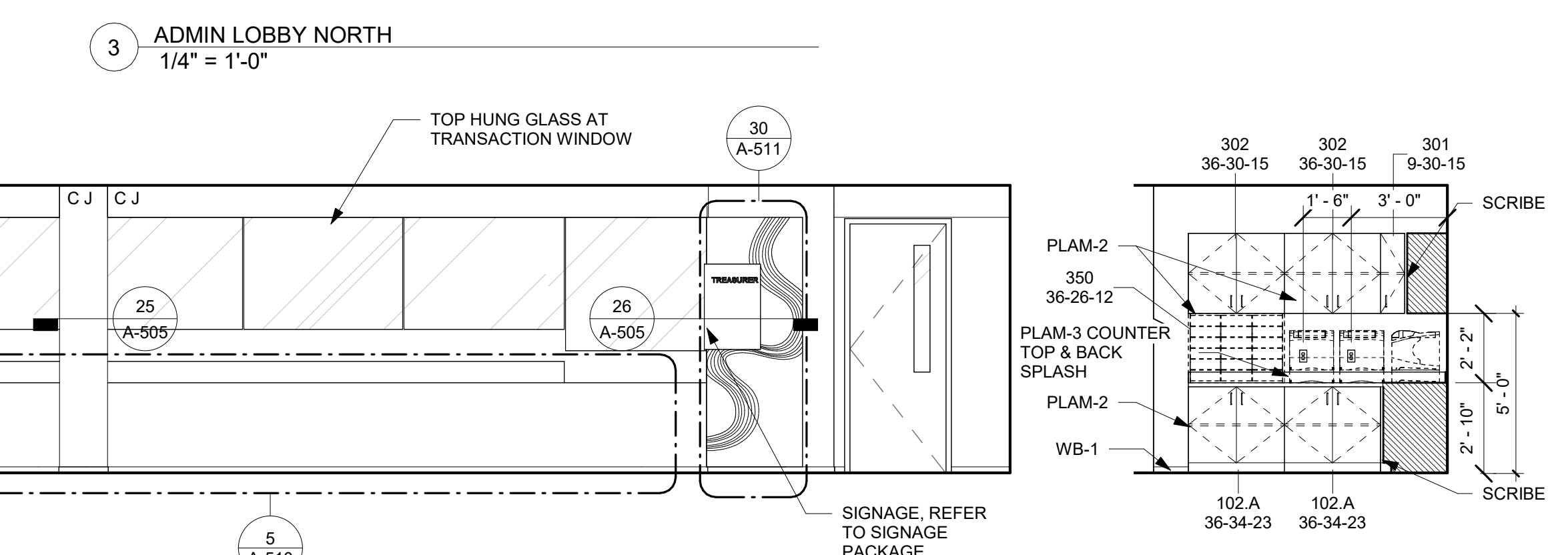
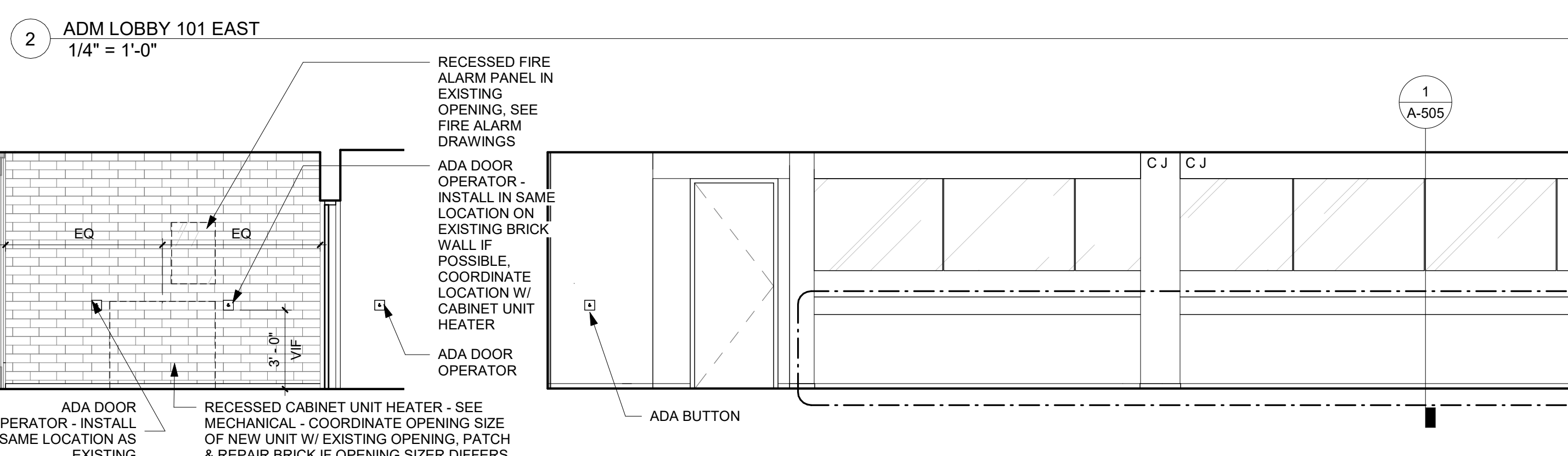
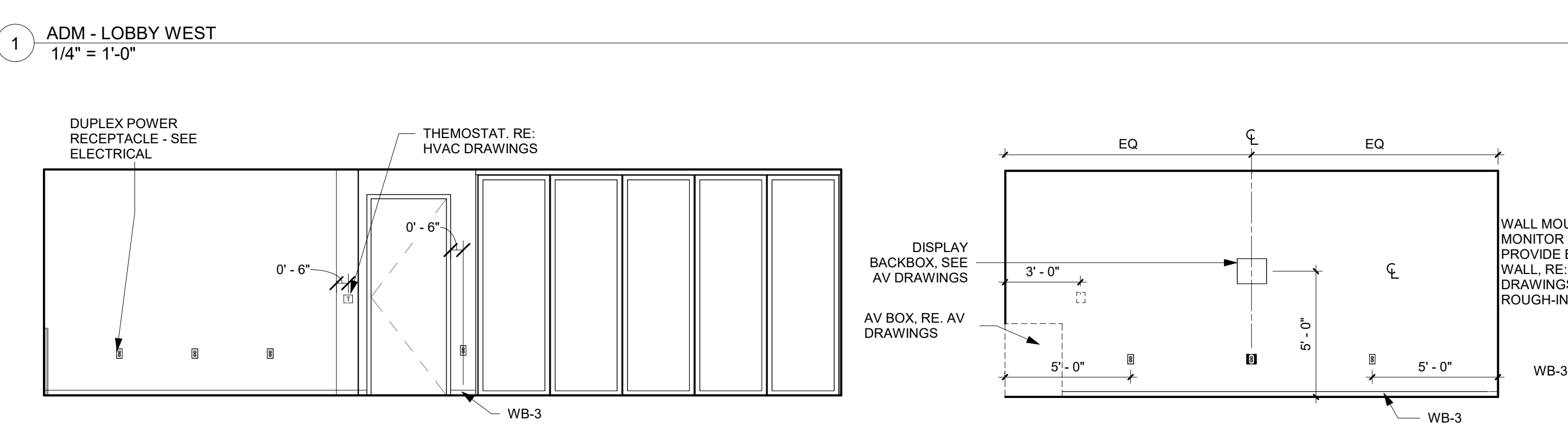
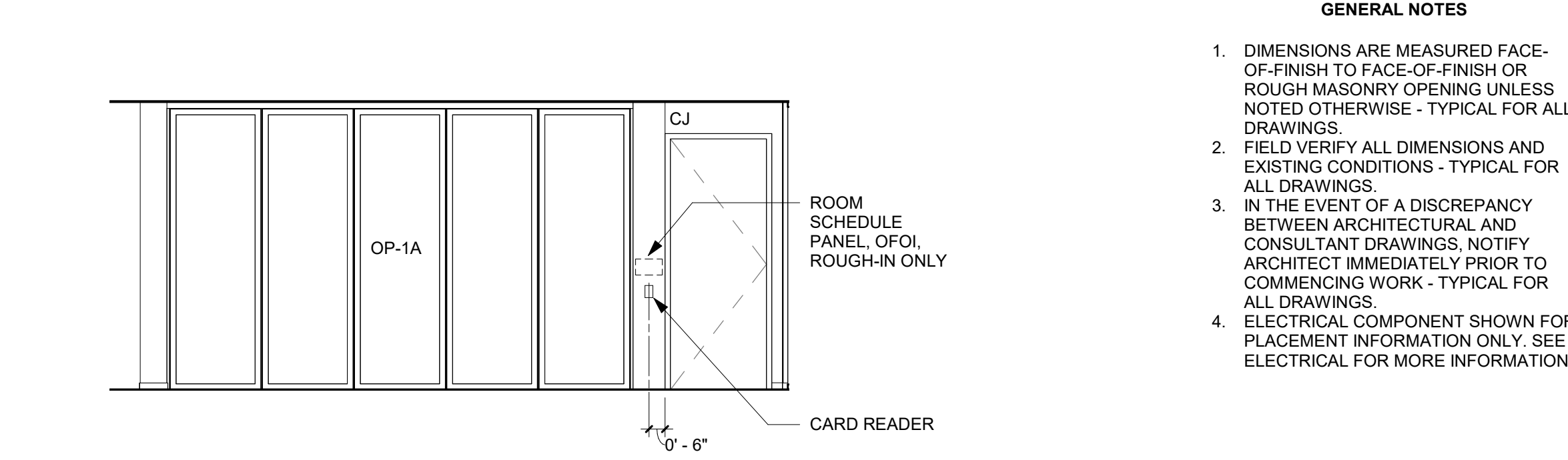
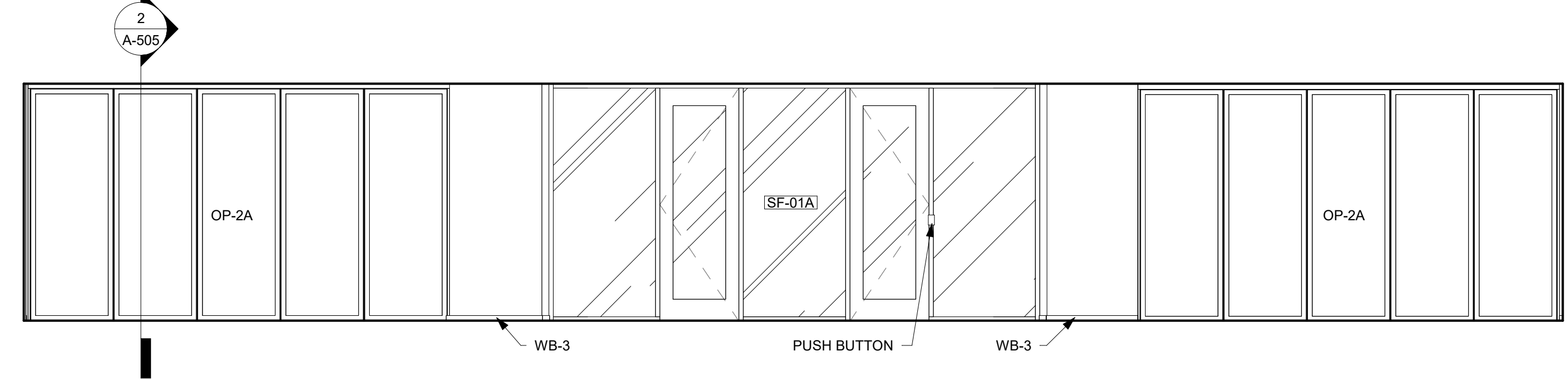
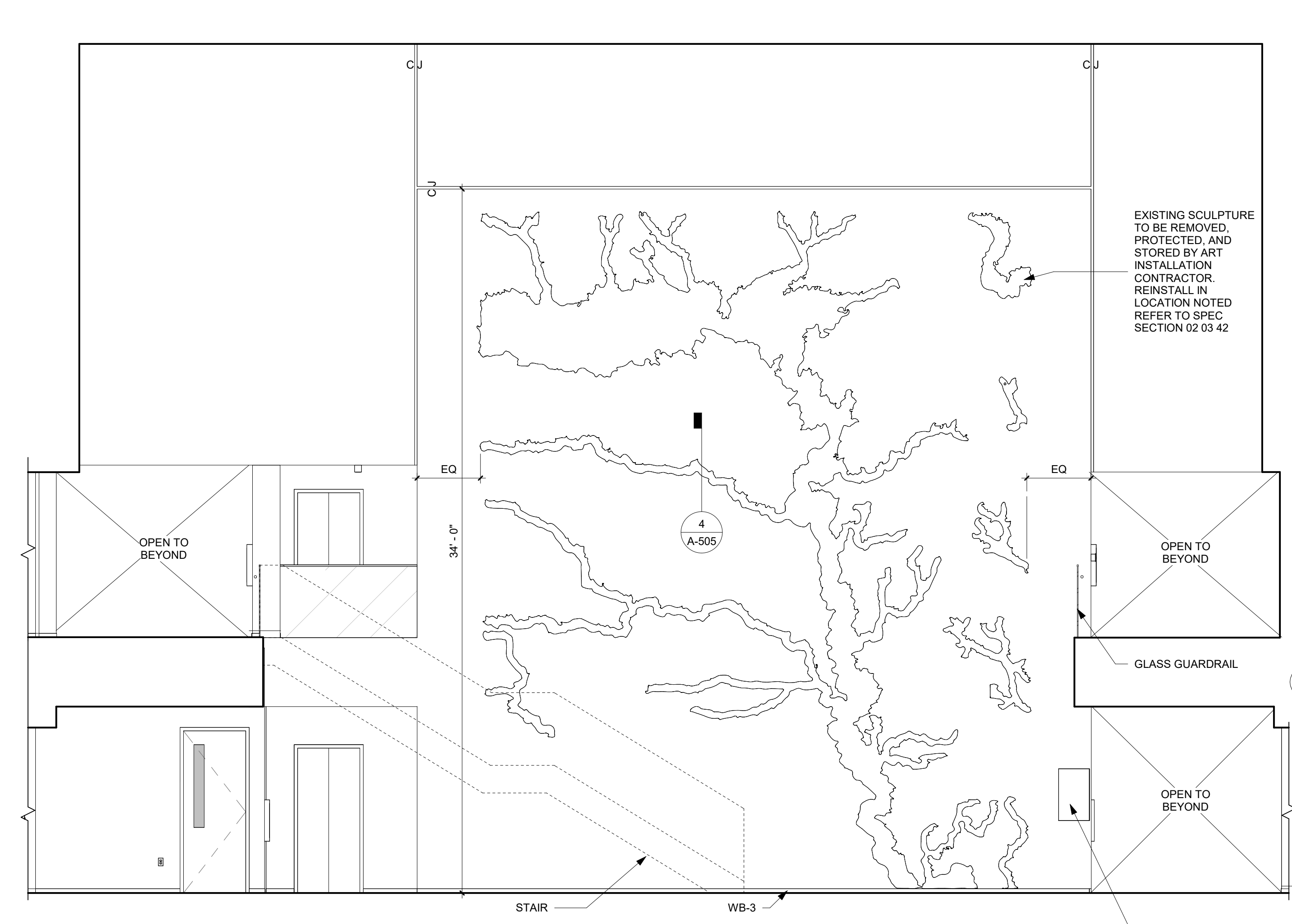


2 HHS BUILDING SECTION
1/8" = 1'-0"



3 SECTION DETAIL - ROOF HATCH AT DISAPPEARING STAIRS
1 1/2" = 1'-0"

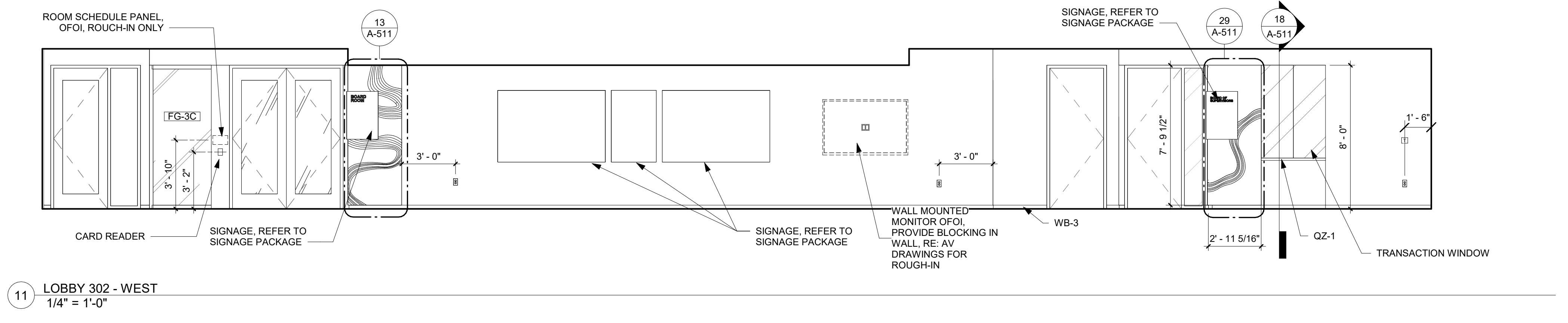
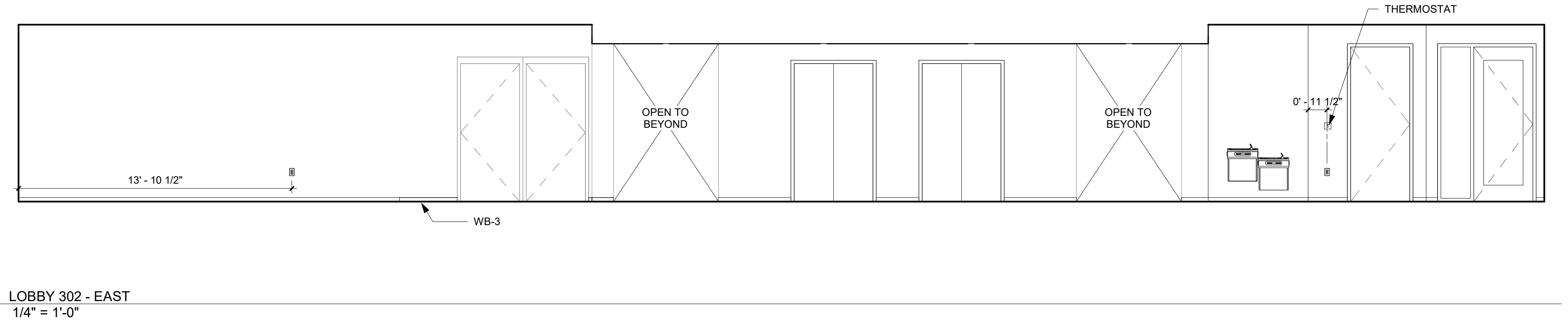
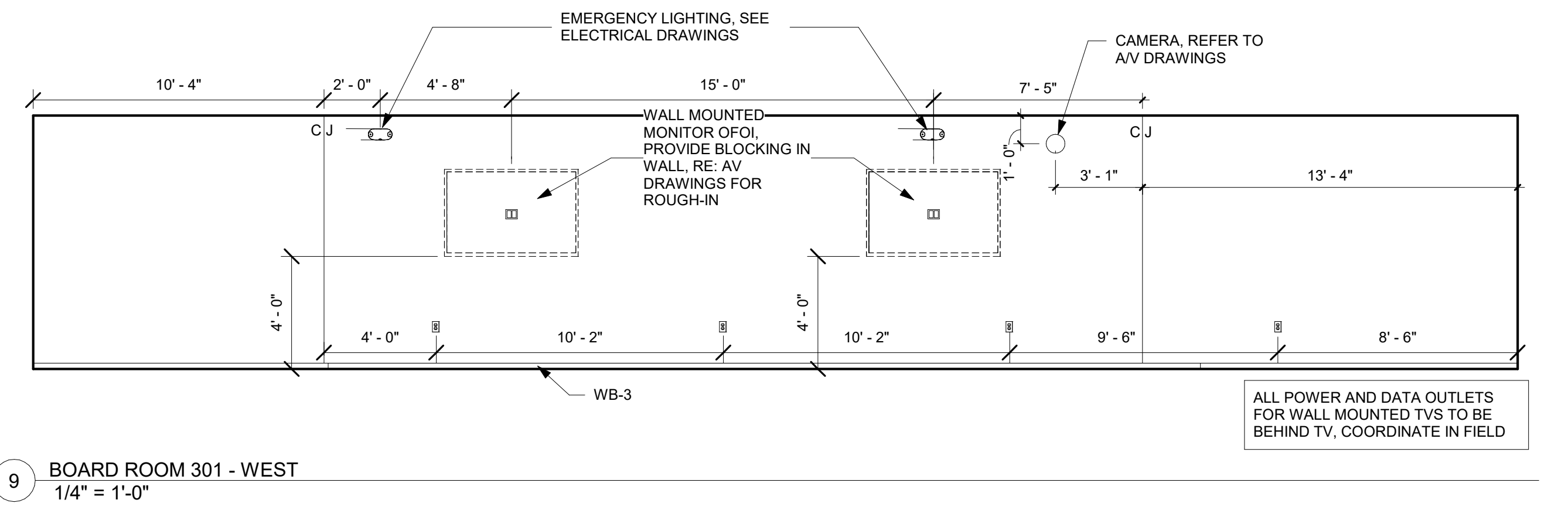
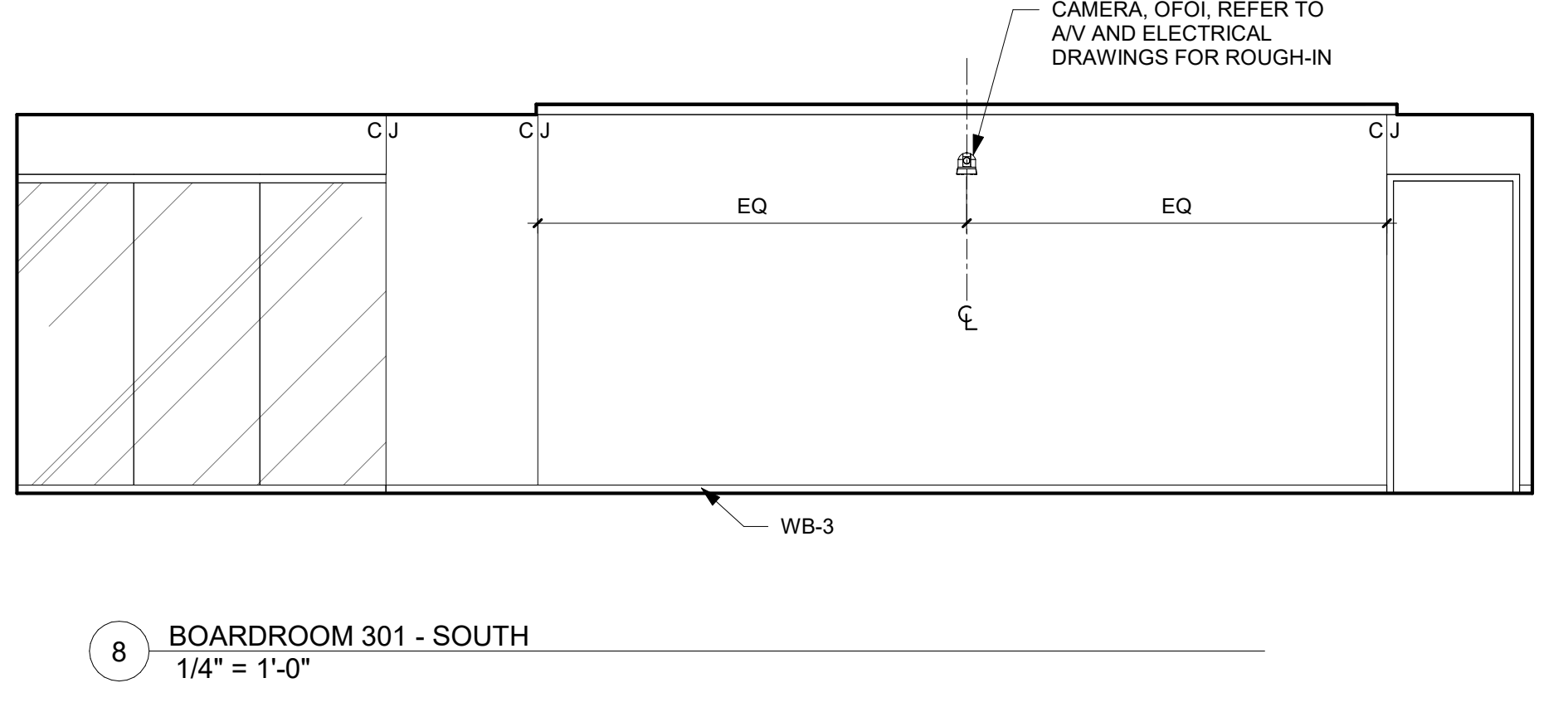
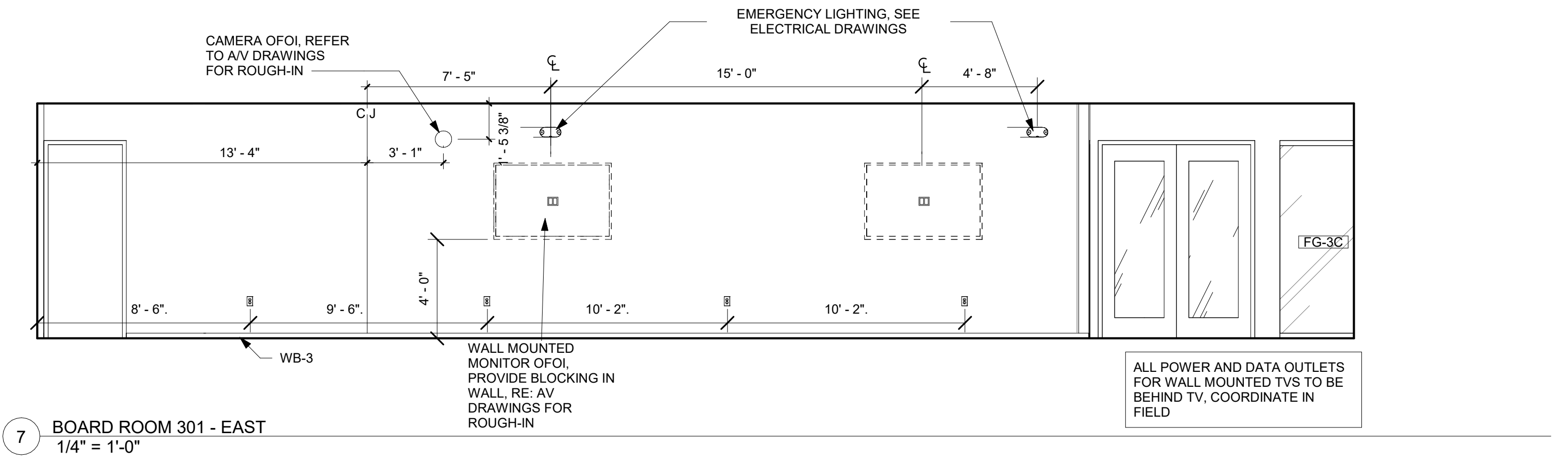
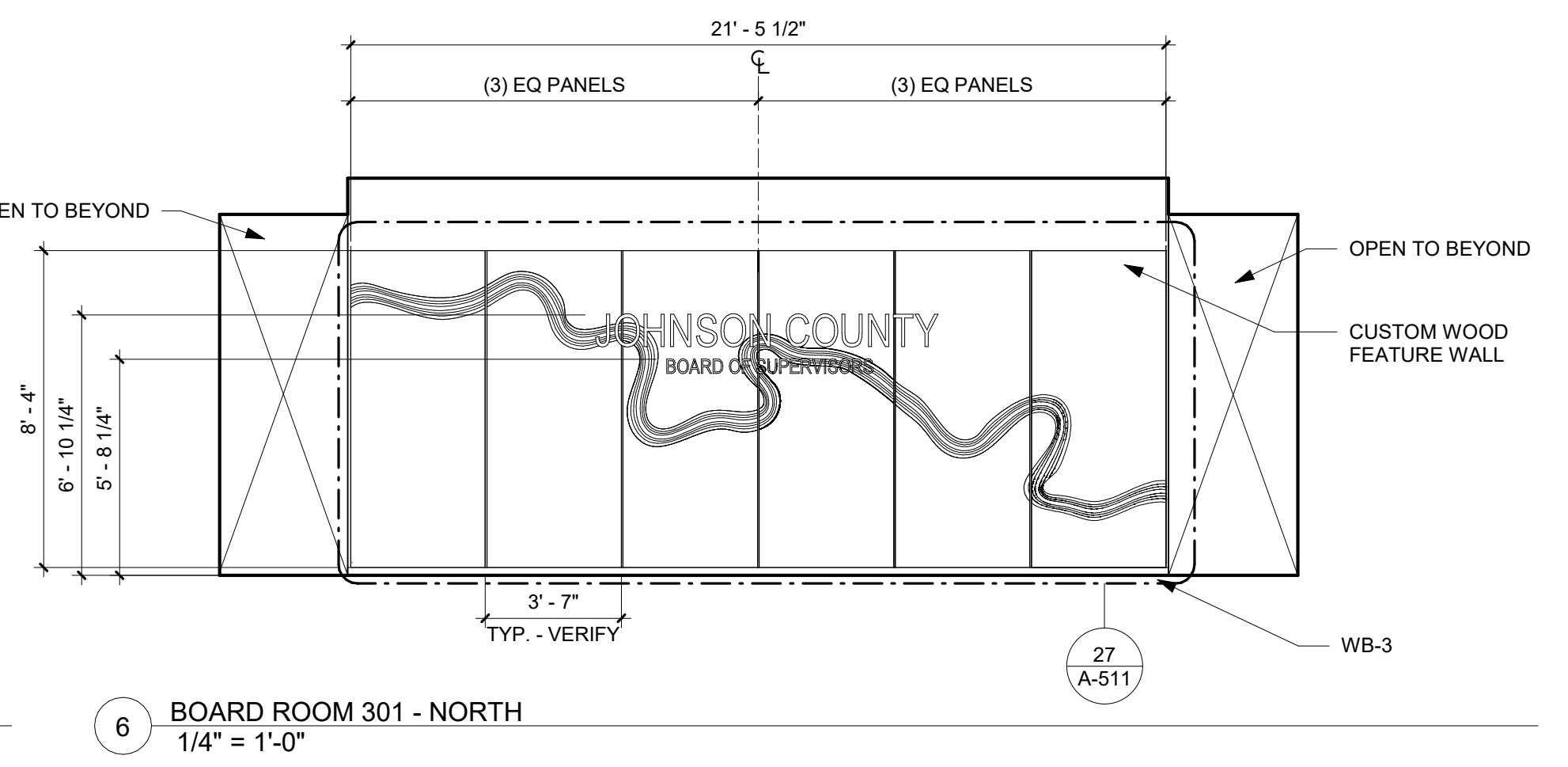
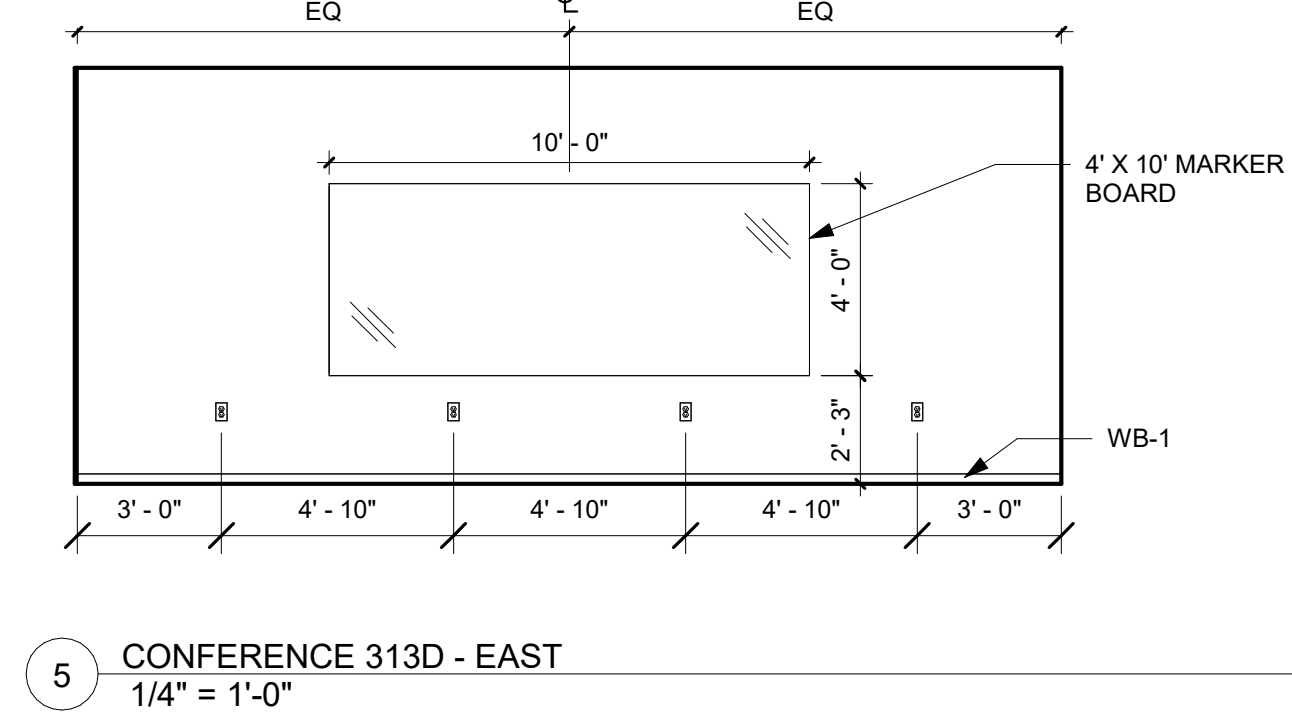
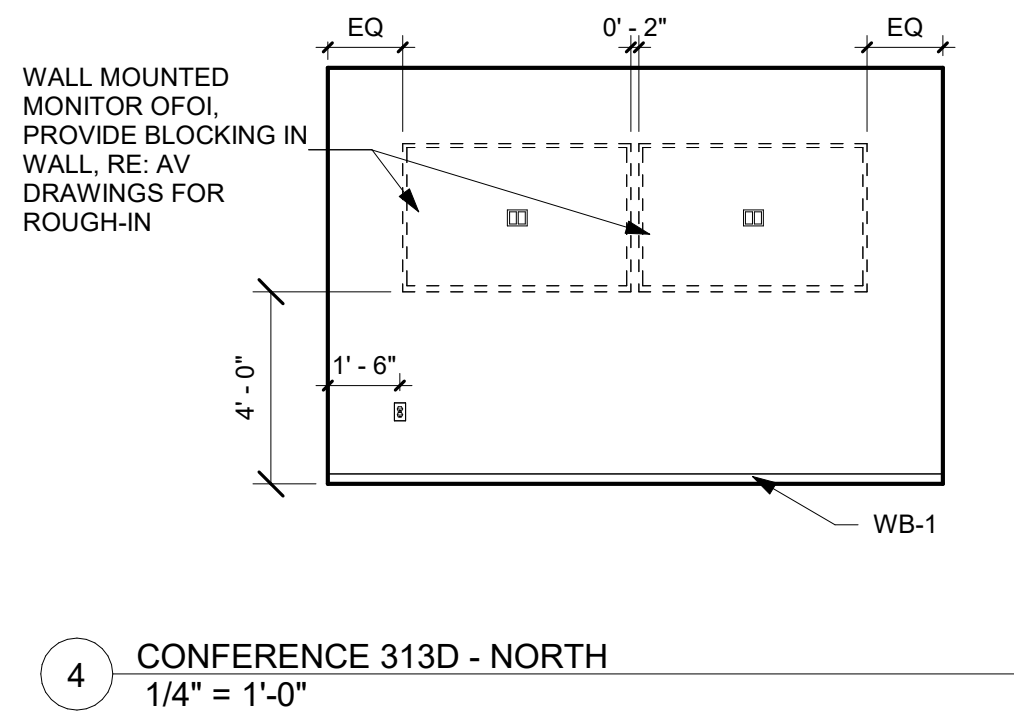
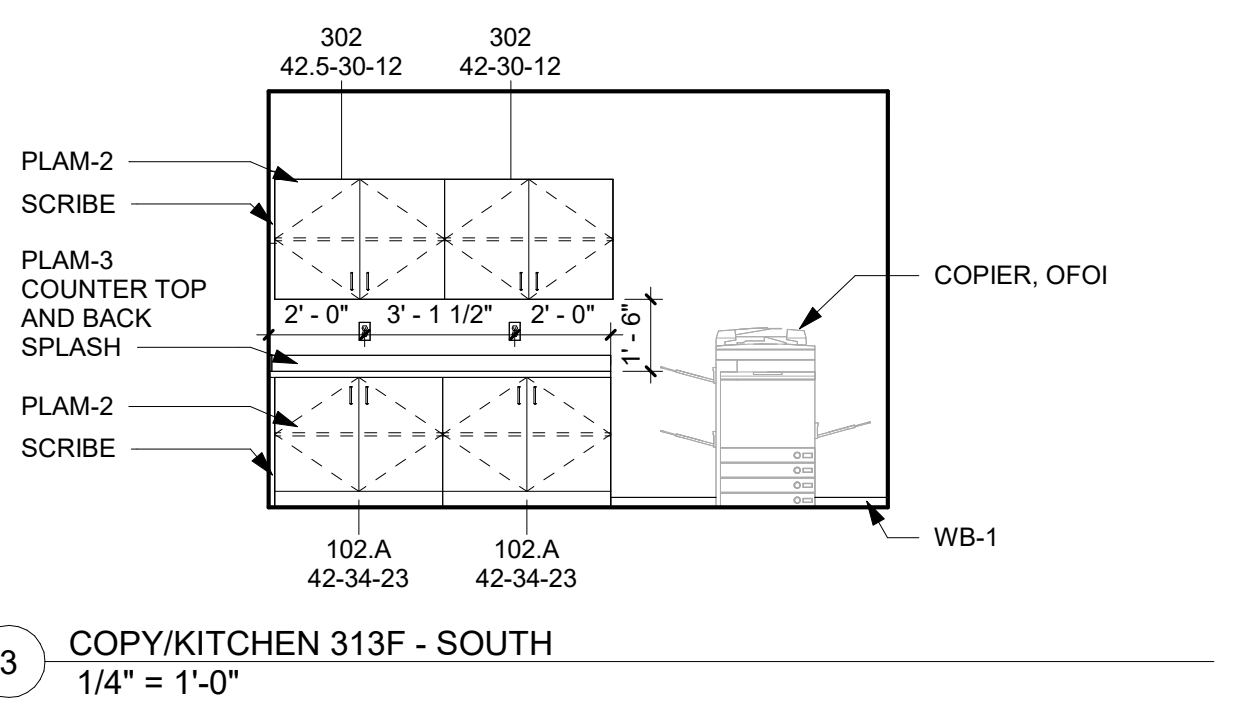
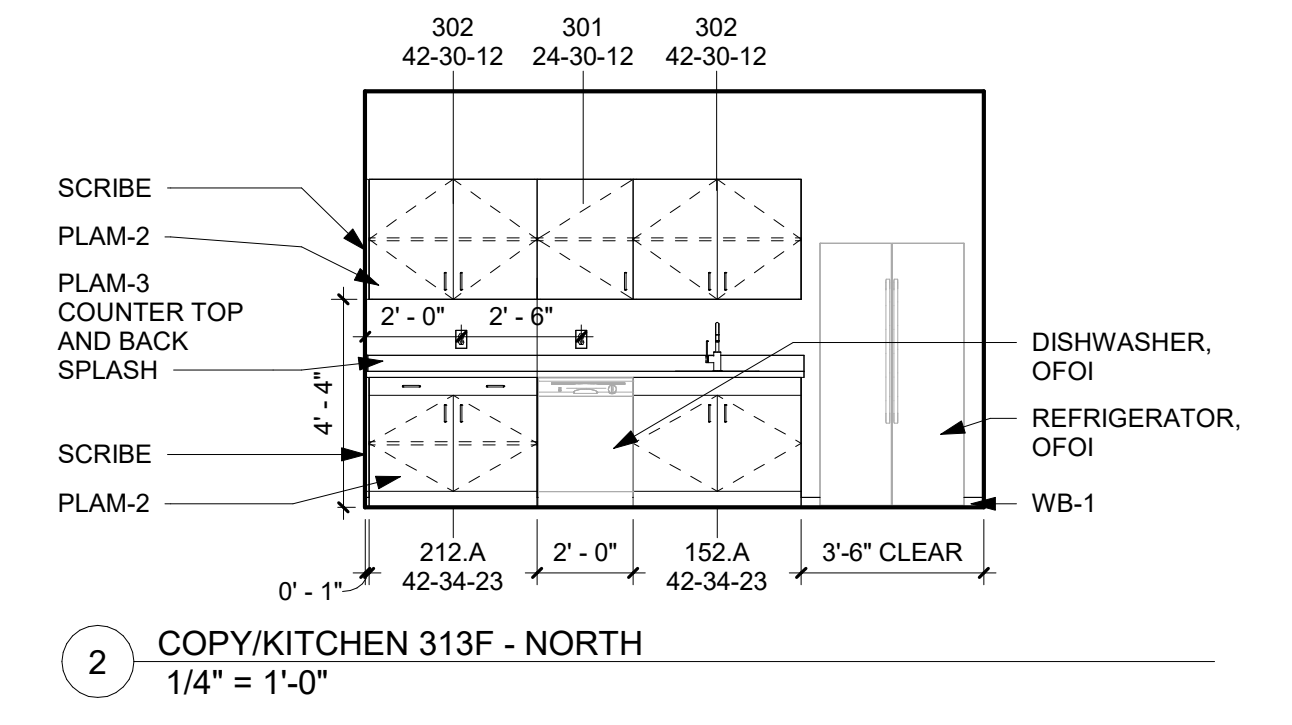
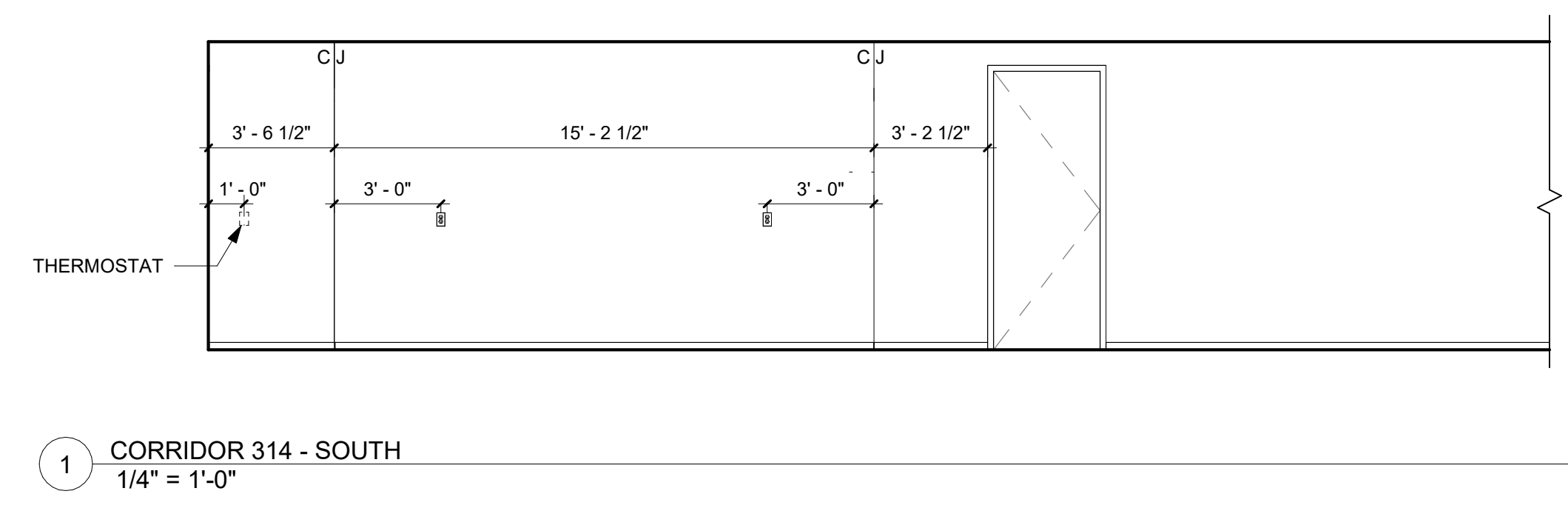
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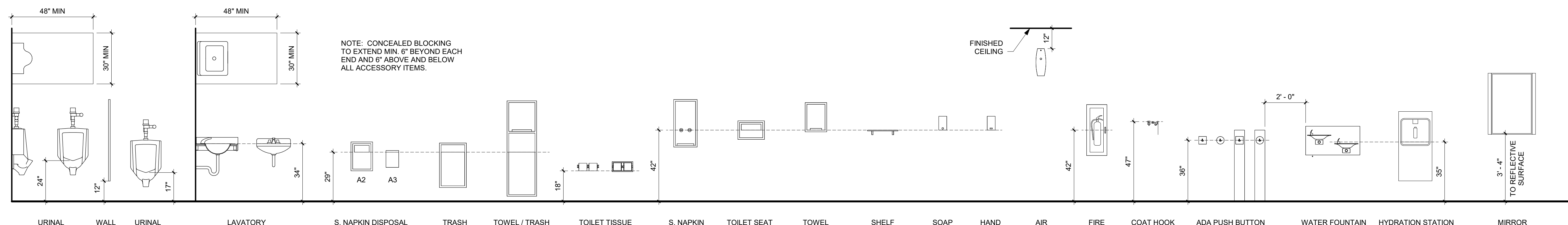
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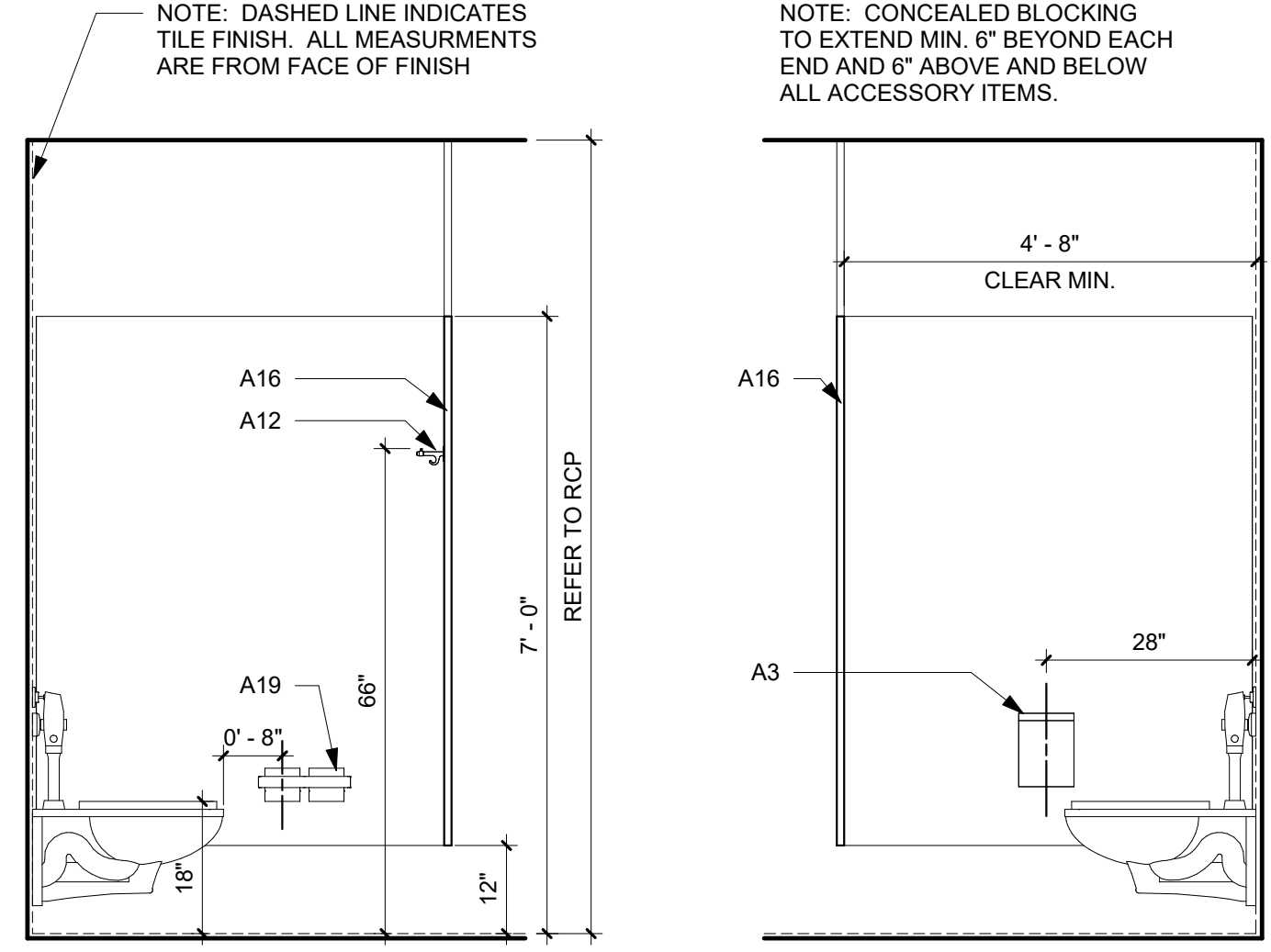
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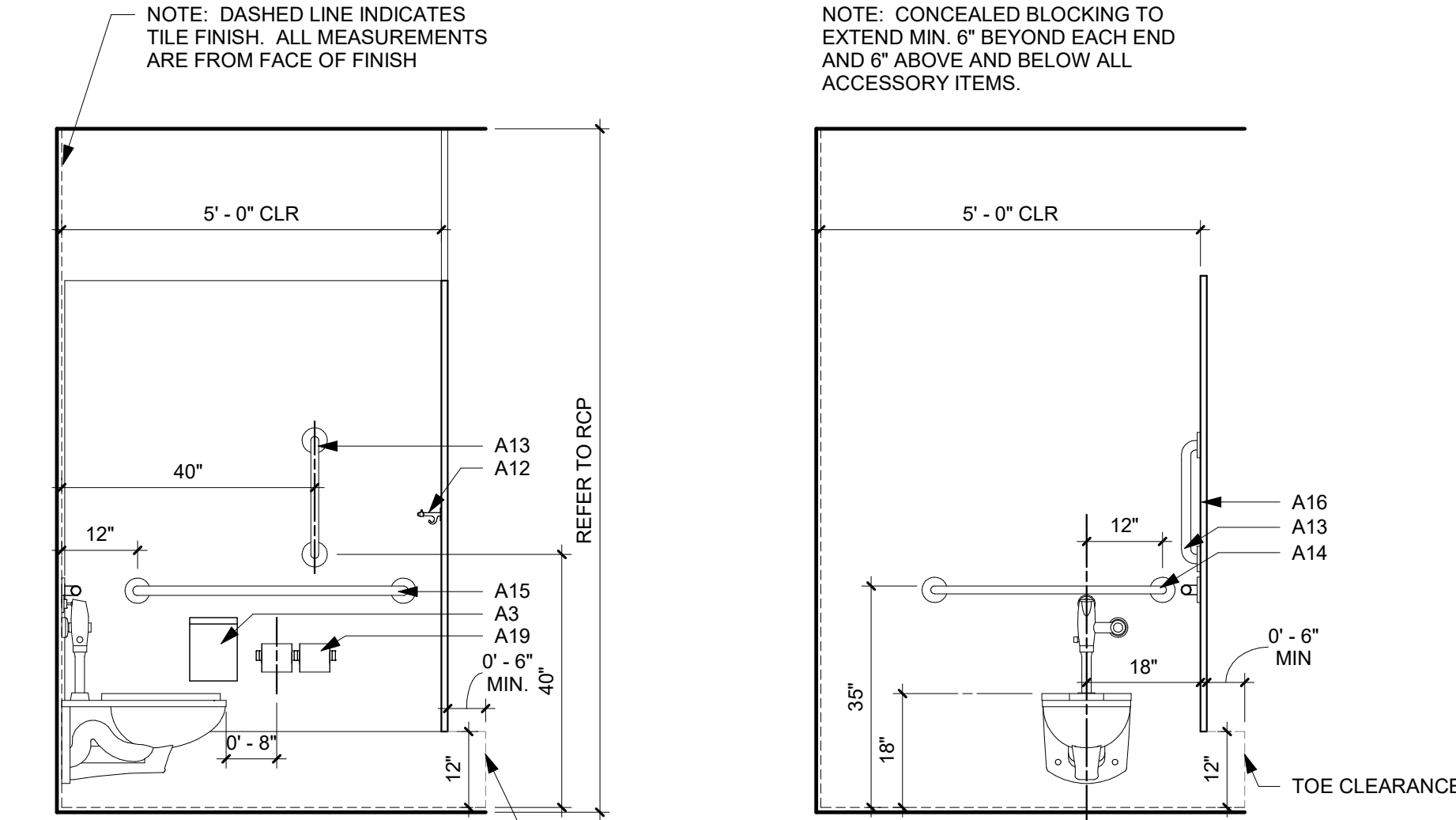
Revision Description Date



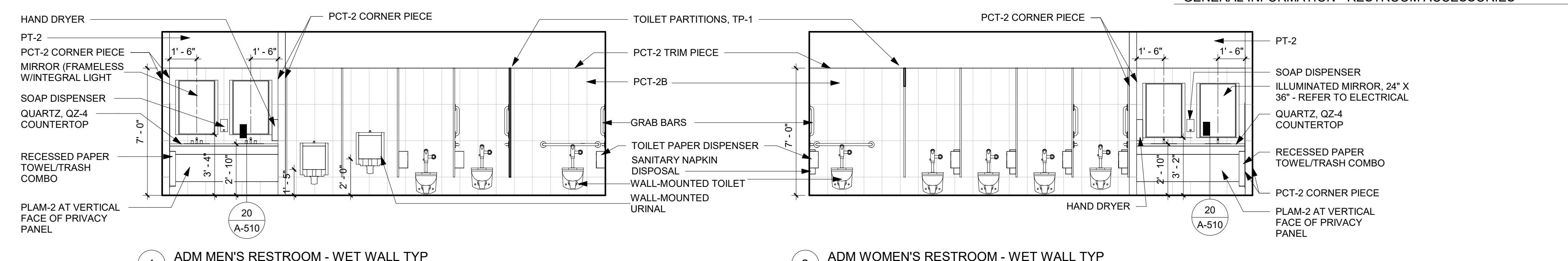
GENERAL INFORMATION - STANDARD MOUNTING HEIGHTS
3/8" = 1'-0"



STANDARD TOILET STALL MOUNTING HEIGHTS AND DETAILS
1/2" = 1'-0"



ACCESSIBLE TOILET STALL MOUNTING HEIGHTS AND DETAILS
1/2" = 1'-0"



ADM MEN'S RESTROOM - WET WALL TYP
1/4" = 1'-0"

ADM WOMEN'S RESTROOM - WET WALL TYP
1/4" = 1'-0"

DESIGNATION	DESCRIPTION
A1	SOAP DISPENSER
A2	RECESSED SANITARY NAPKIN DISPOSAL
A3	PARTITION SANITARY NAPKIN DISPOSAL
A4	SANITARY NAPKIN DISPENSER
A5	HAND SANITIZER
A6	TOWEL DISPENSER
A7	TOWEL/TRASH COMBO
A8	TRASH RECEPTACLE
A9	AIR FRESHENER
A10	MIRROR (FRAMELESS) - 24" X 48"
A11	MIRROR (FRAMELESS) - 24" X 70"
A12	COAT HOOK
A13	VERTICAL GRAB BAR
A14	REAR GRAB BAR
A15	SIDE GRAB BAR
A16	CEILING HUNG TOILET PARTITION
A17	CUSTOM STAINLESS STEEL LAPTOP HOLDER
A18	WALL HUNG SCREEN
A19	TOILET TISSUE DISPENSER
A20	STAINLESS STEEL SHELF - 24"
A21	SURFACE MOUNT TOILET SEAT COVER
A22	AMBULATORY STALL GRAB BARS
A23	BABY CHANGING STATION

- GENERAL NOTES**
- DIMENSIONS ARE MEASURED FACE-OF-FINISH TO FACE-OF-FINISH OR ROUGH MASONRY OPENING UNLESS NOTED OTHERWISE - TYPICAL FOR ALL DRAWINGS.
 - FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS - TYPICAL FOR ALL DRAWINGS.
 - IN THE EVENT OF A DISCREPANCY BETWEEN ARCHITECTURAL AND CONSULTANT DRAWINGS, NOTIFY ARCHITECT IMMEDIATELY PRIOR TO COMMENCING WORK - TYPICAL FOR ALL DRAWINGS.
 - ALL PENETRATIONS IN FIRE RATED FLOORS AND WALLS MUST BE SEALED WITH APPROPRIATE FIRESTOPPING SYSTEM.
 - PATCH AND REPAIR EXISTING FLOOR SLABS AND WALL SURFACES DAMAGED FROM DEMOLITION. REFER TO FINISH SCHEDULE FOR ADDITIONAL INFORMATION.

Project
JOHNSON COUNTY ADMINISTRATION AND HEALTH & HUMAN SERVICES BUILDINGS REMODELING PROJECT

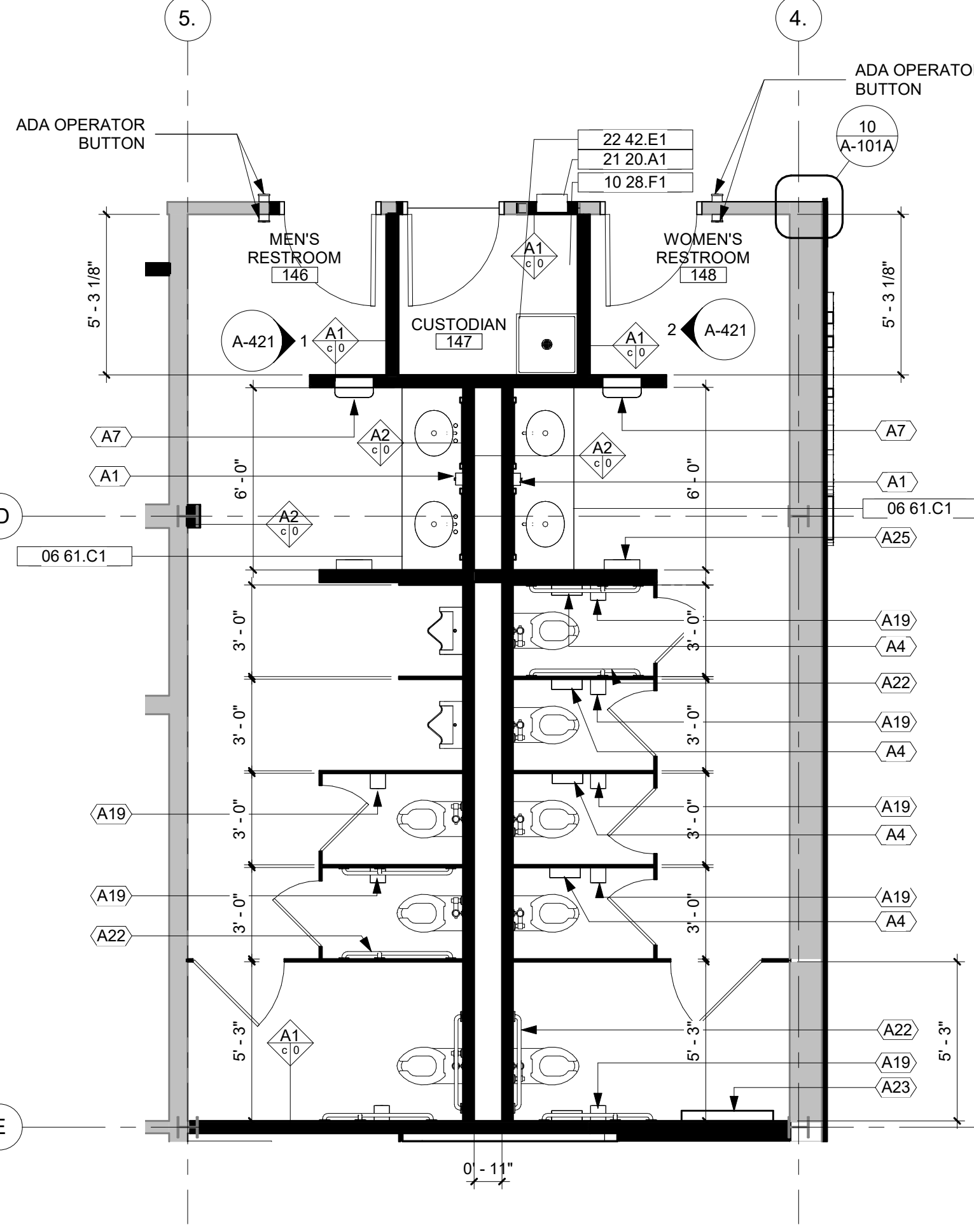
913 S DuBuque St.
 855 S DuBuque St.
 Iowa City, IA 52240

Design Engineers
8801 PRAIRIE VIEW LN SW CEDAR RAPIDS, IA 52404
 P: 319-841-1544

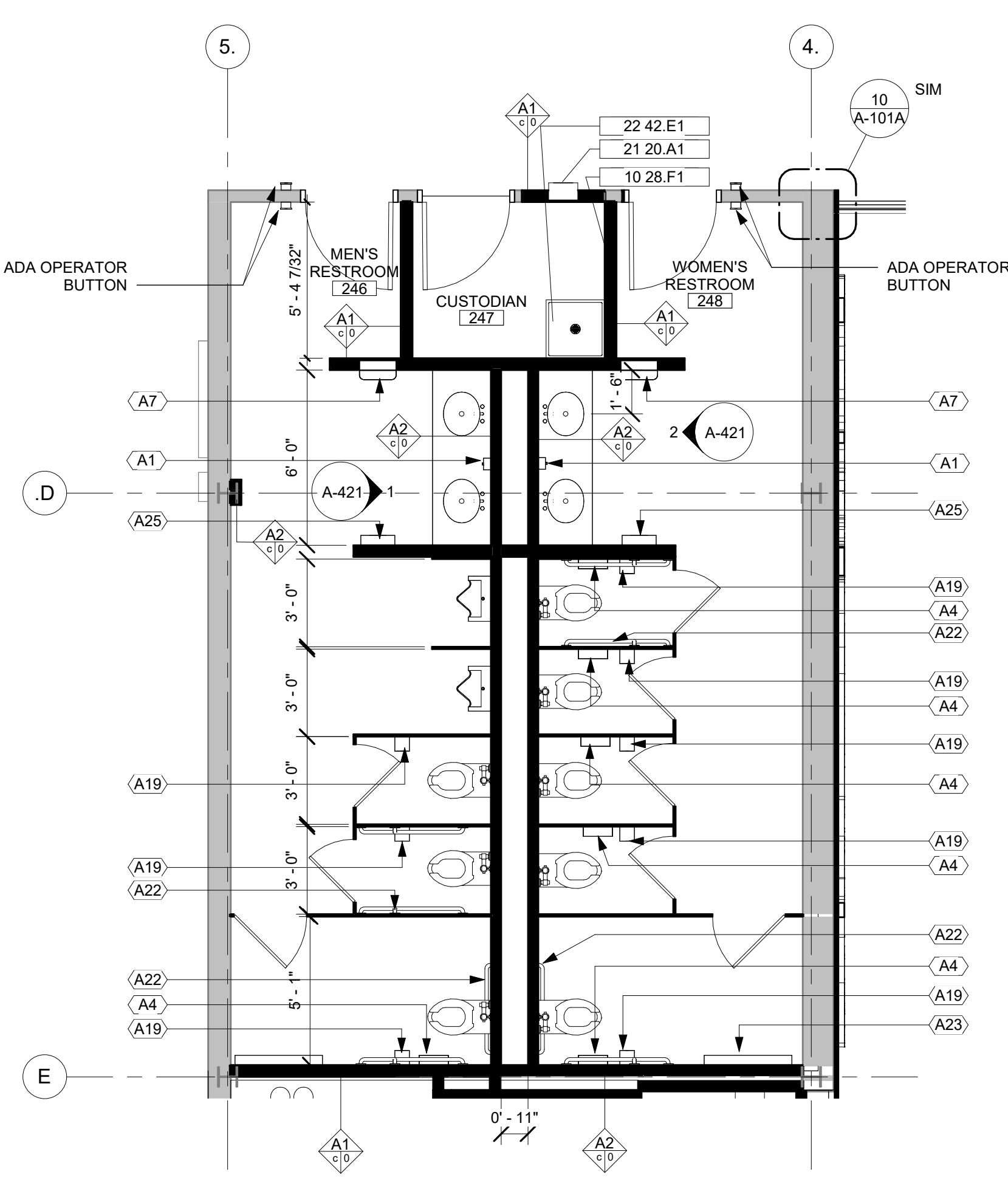
Design Engineers
8801 PRAIRIE VIEW LN SW CEDAR RAPIDS, IA 52404
 P: 319-841-1544

Contract Engineer
Hall & Hall Engineers 1860 BOYSON ROAD HIAWATHA, IA 52233
 P: 319-362-9548

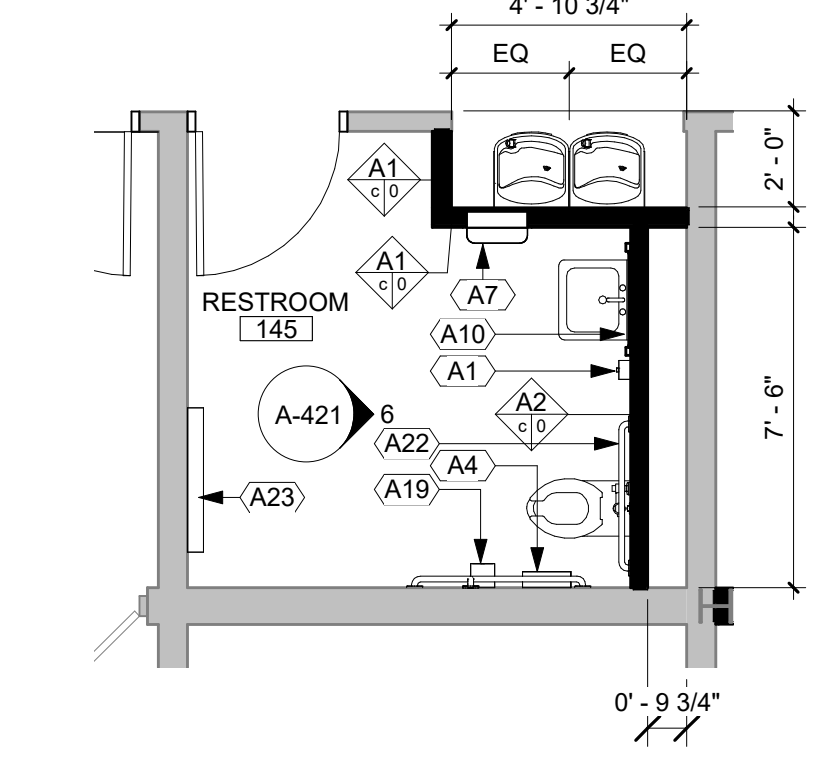
Contract Engineer
Raker Rhodes Engineering 112 E. WASHINGTON ST. SUITE B IOWA CITY, IA 52240
 P: 319-333-7850



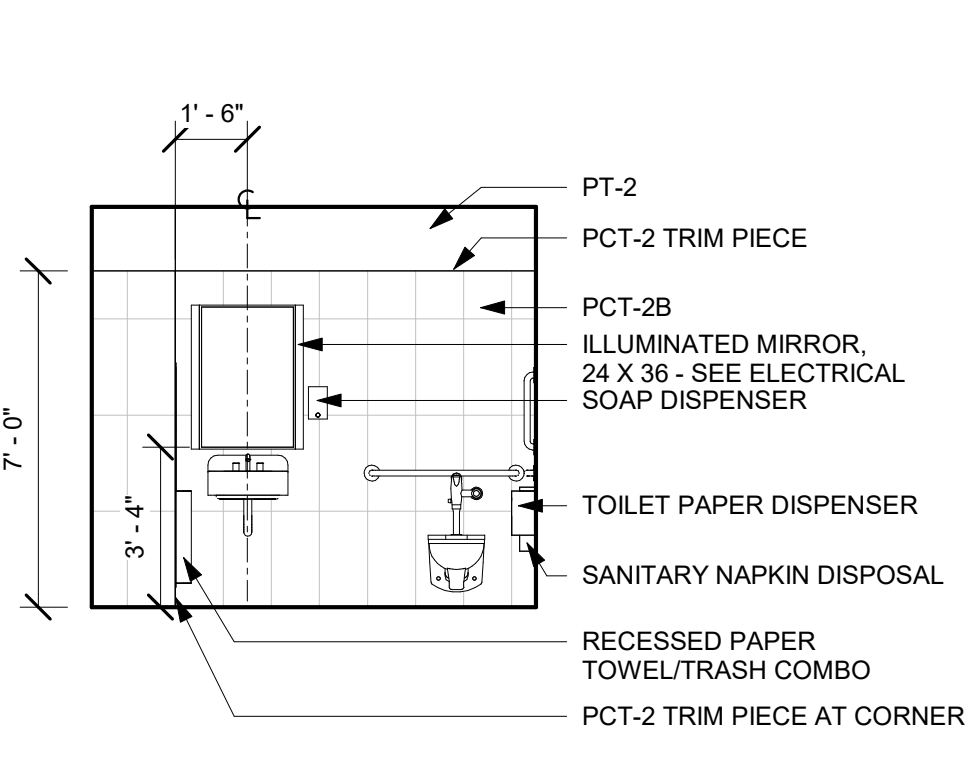
ADM LEVEL 1 RESTROOMS
1/4" = 1'-0"



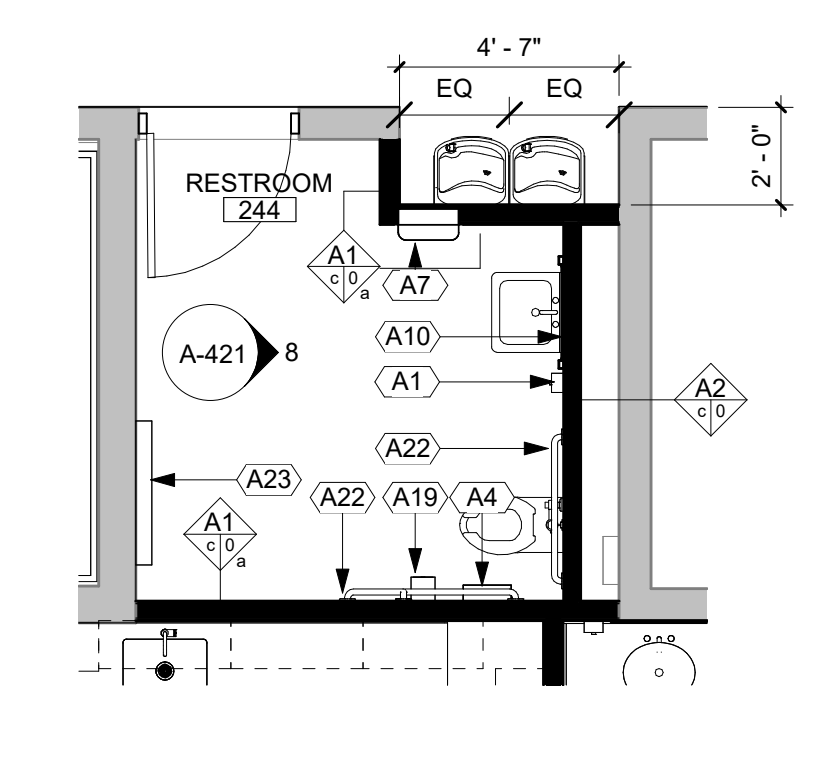
ADM - LEVEL 2 ENLARGED RESTROOM PLAN
1/4" = 1'-0"



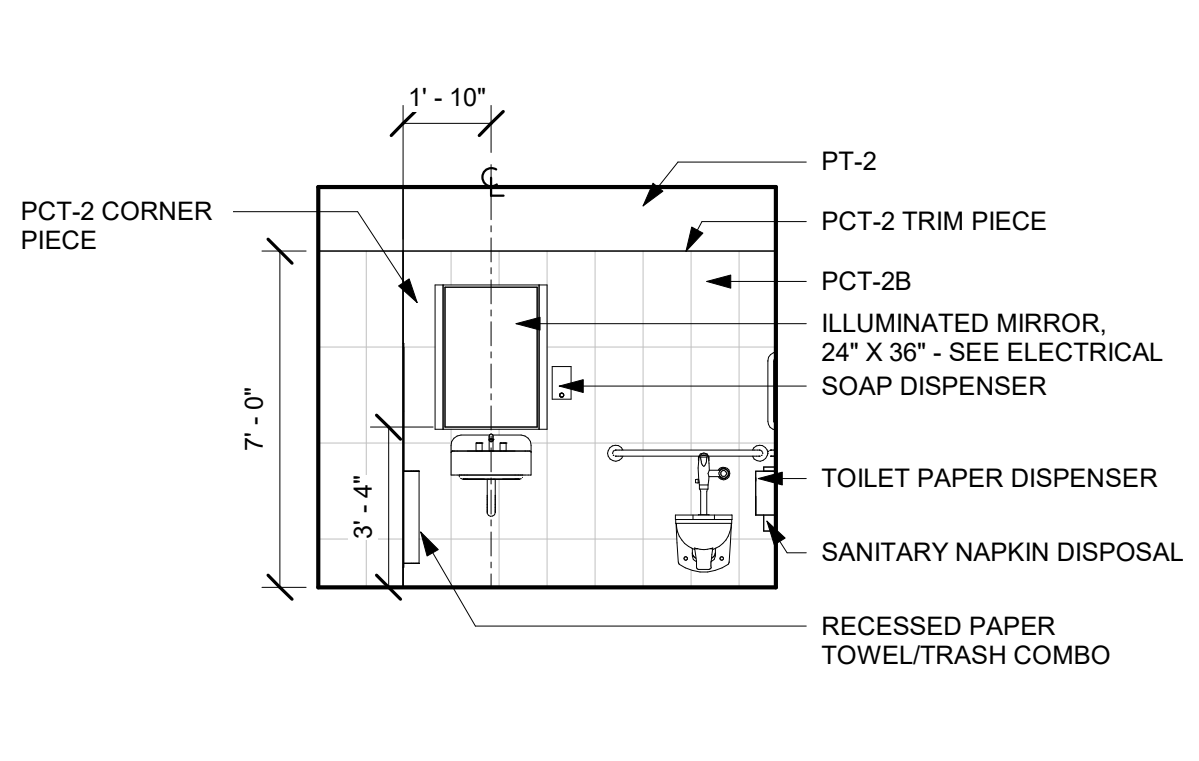
ADM - LEVEL 1 SINGLE RESTROOM
1/4" = 1'-0"



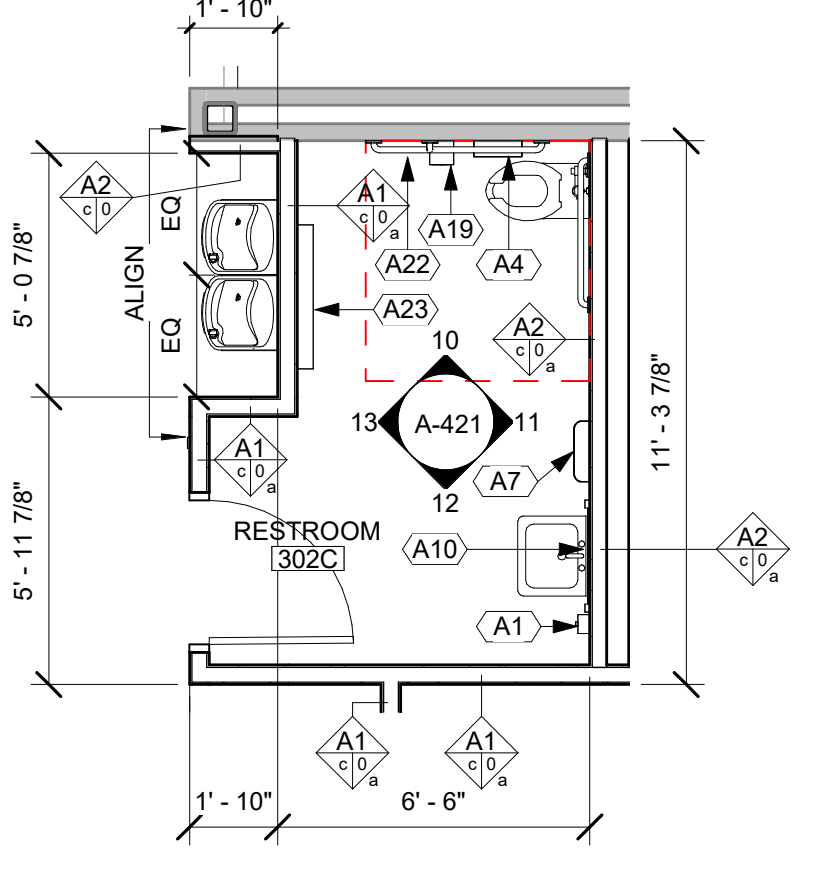
RESTROOM 223 - EAST
1/4" = 1'-0"



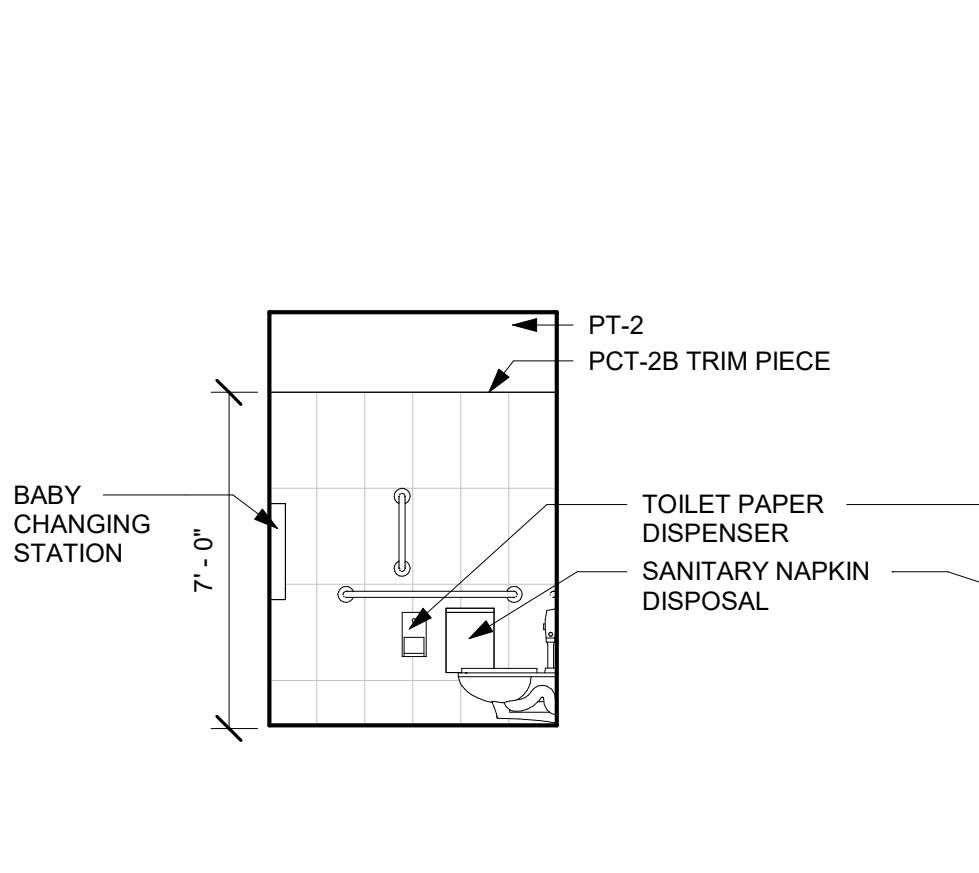
ADM - LEVEL 2 SINGLE RESTROOM PLAN
1/4" = 1'-0"



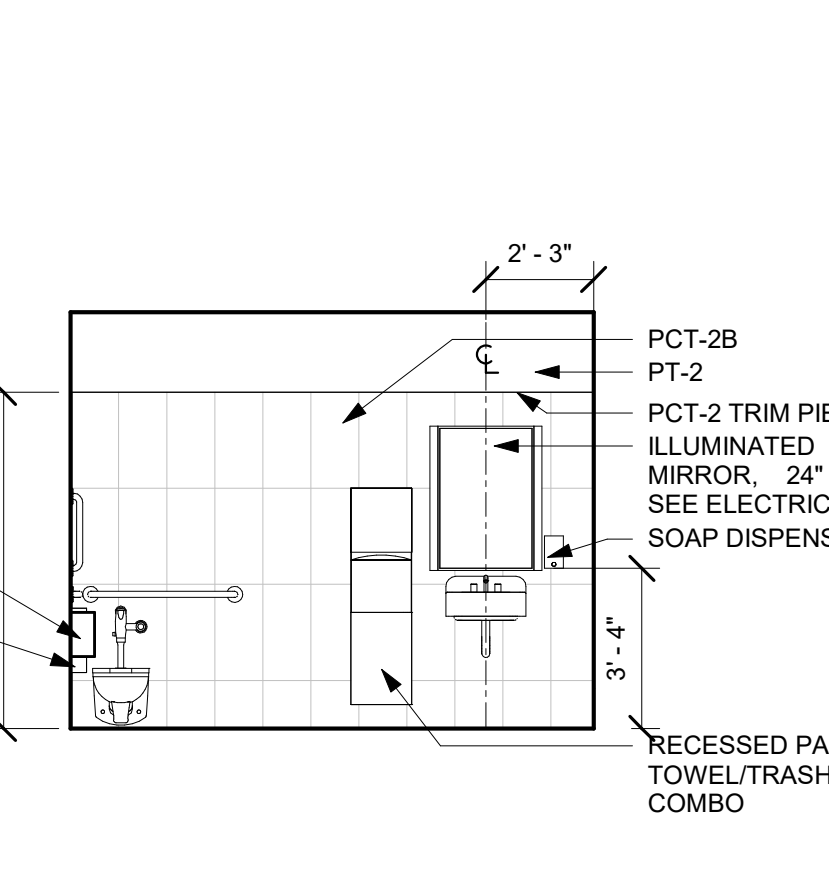
REST ROOM 1302 - EAST
1/4" = 1'-0"



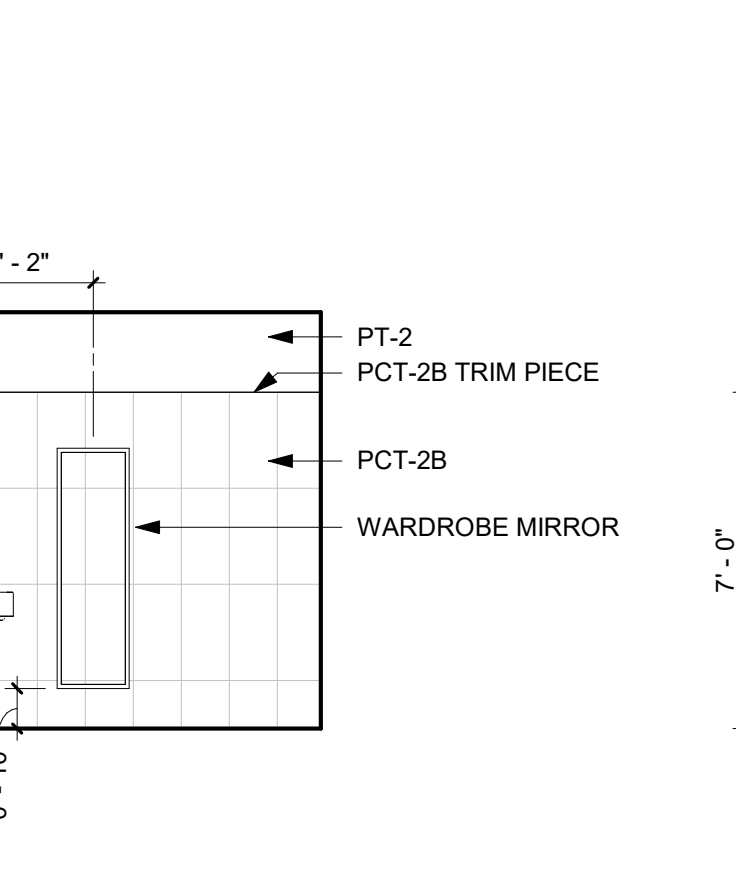
HHS - LEVEL 3 RR 302C
1/4" = 1'-0"



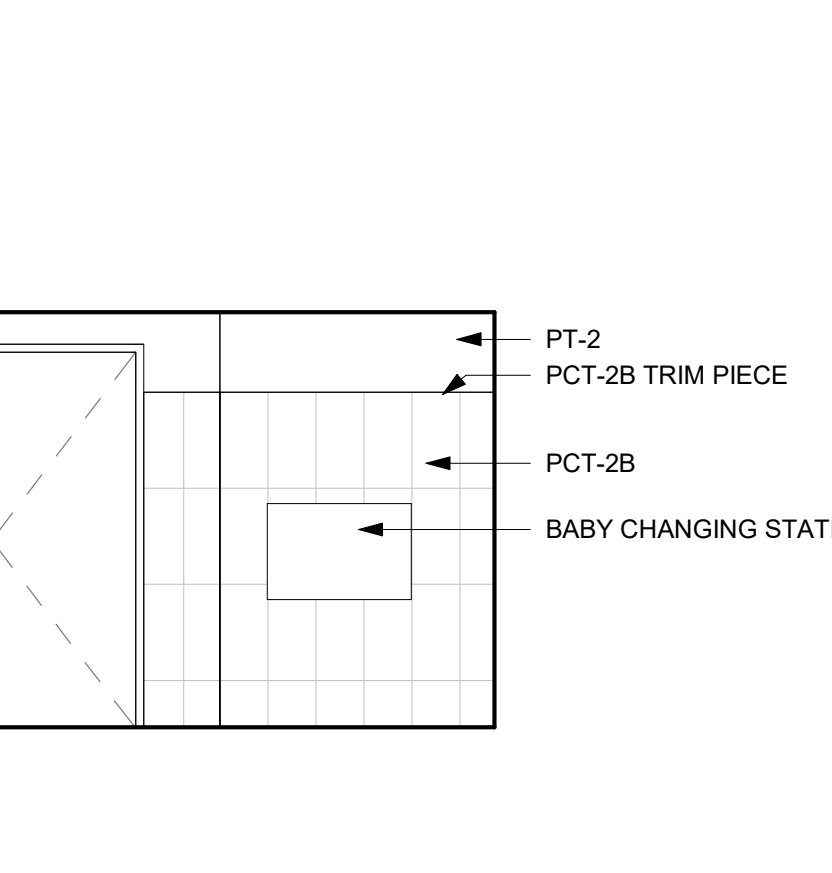
RESTROOM 302C NORTH
1/4" = 1'-0"



RESTROOM 302C EAST
1/4" = 1'-0"



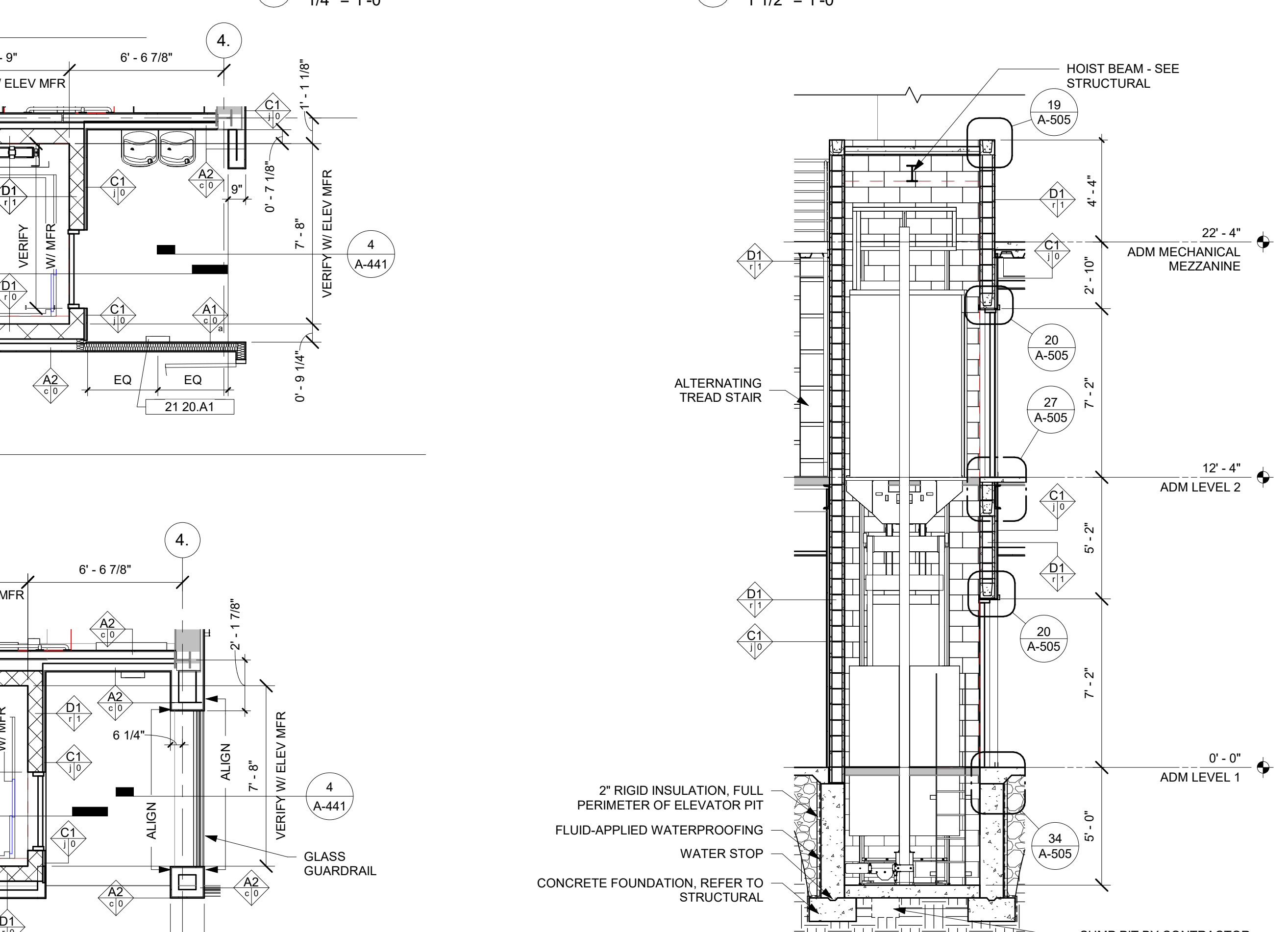
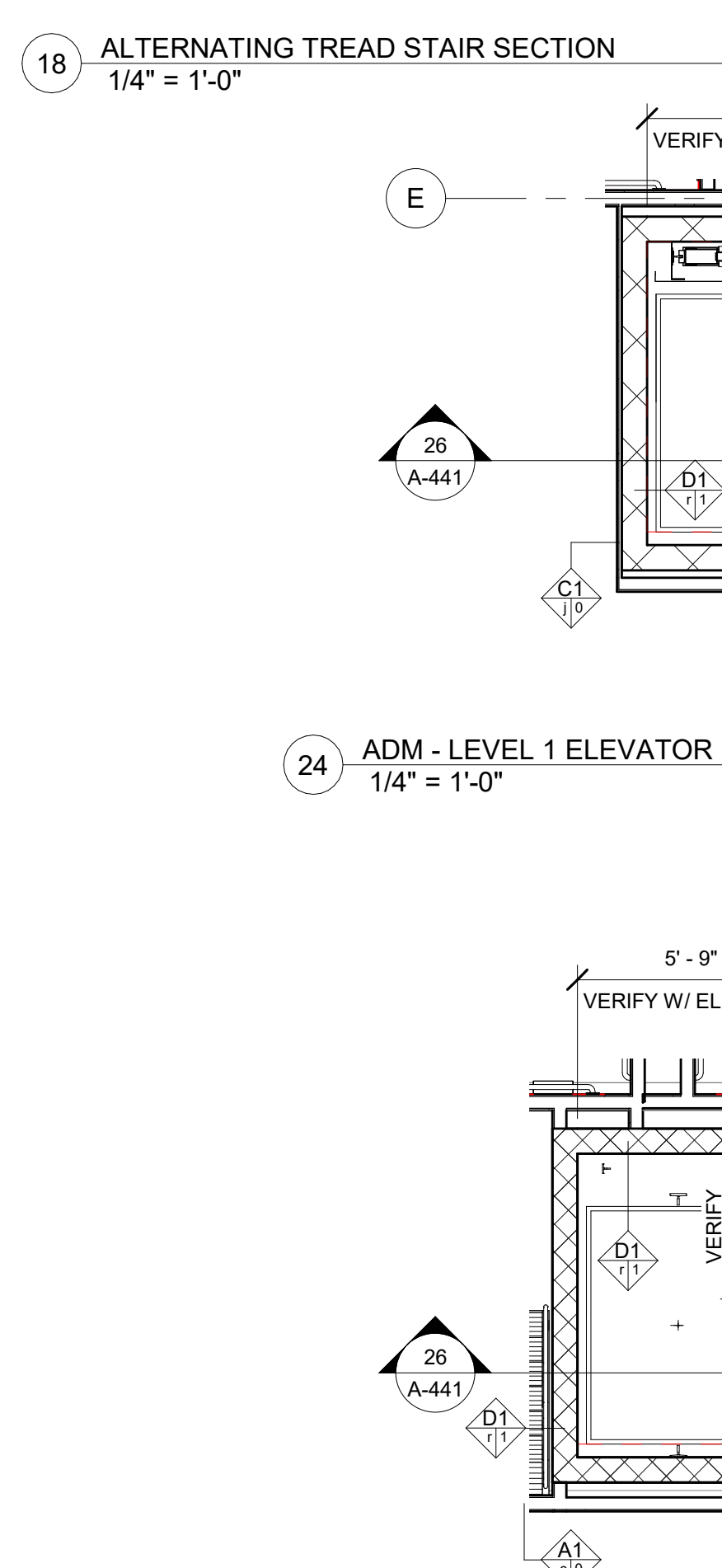
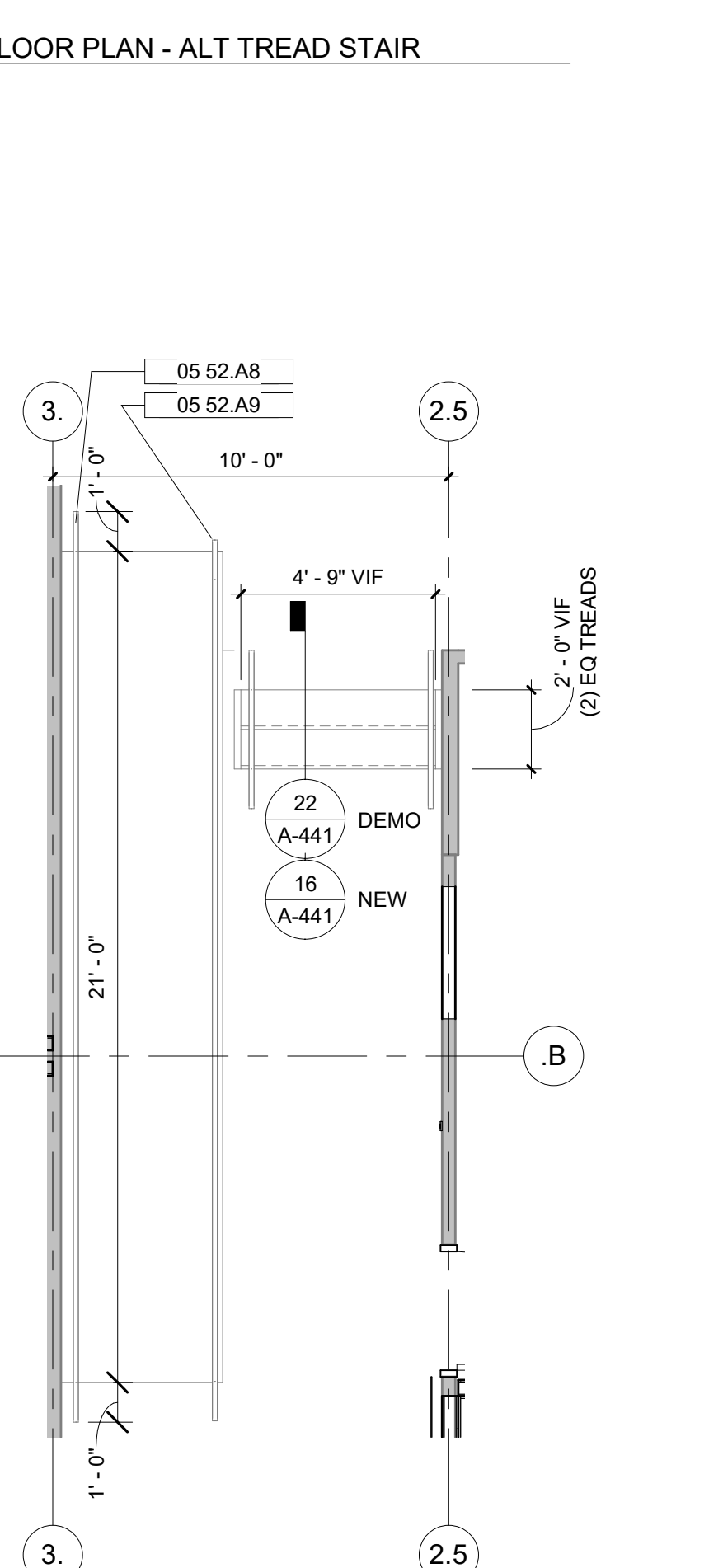
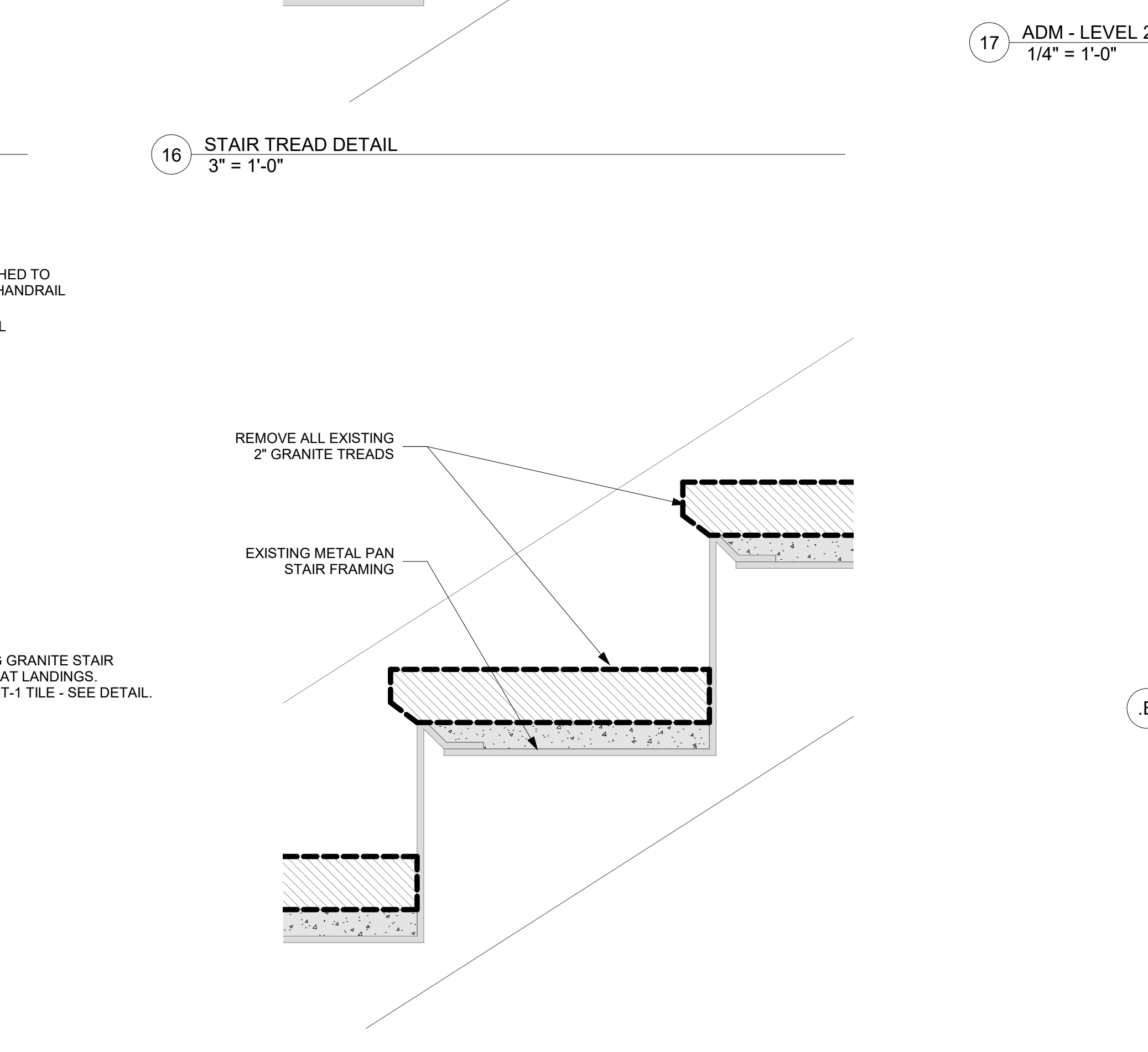
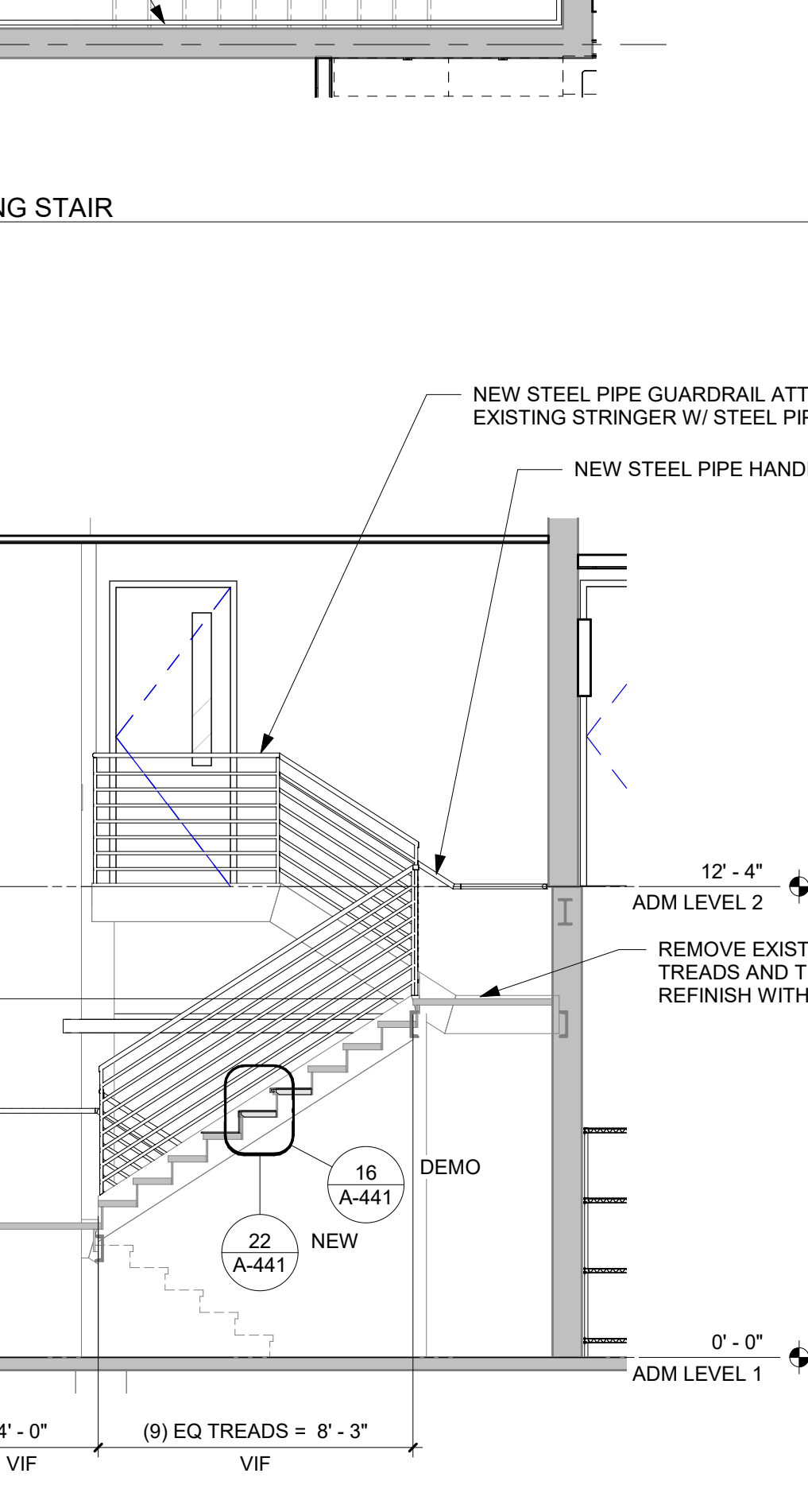
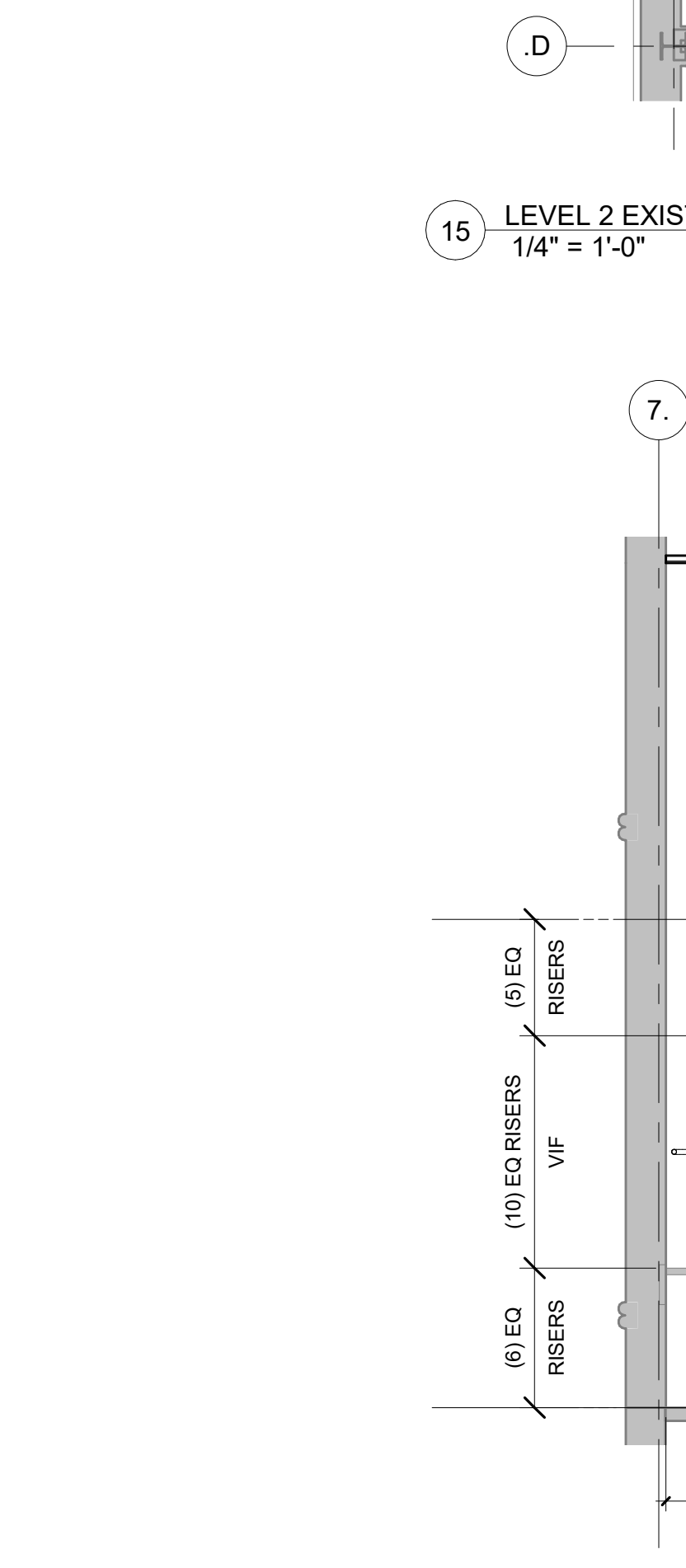
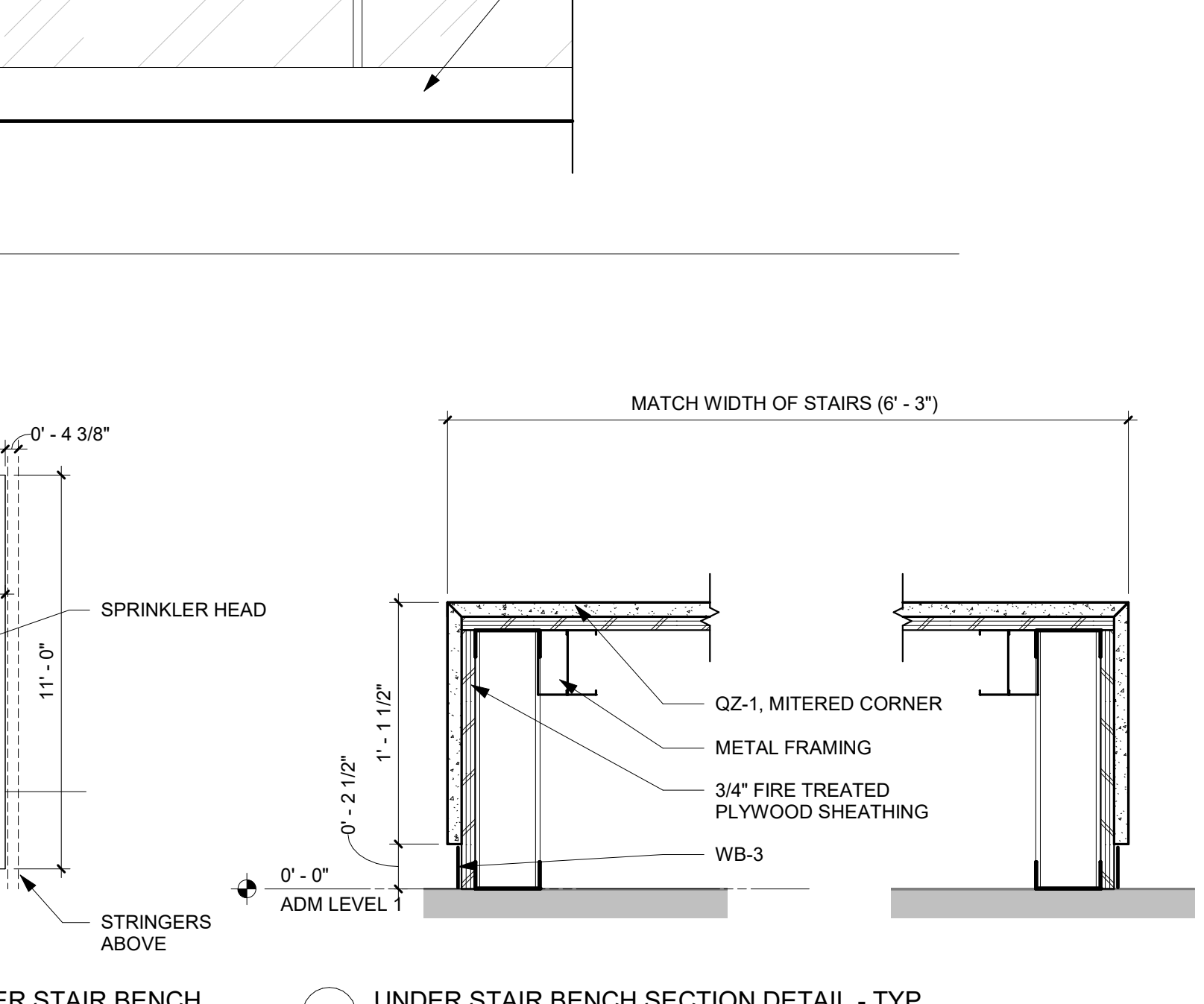
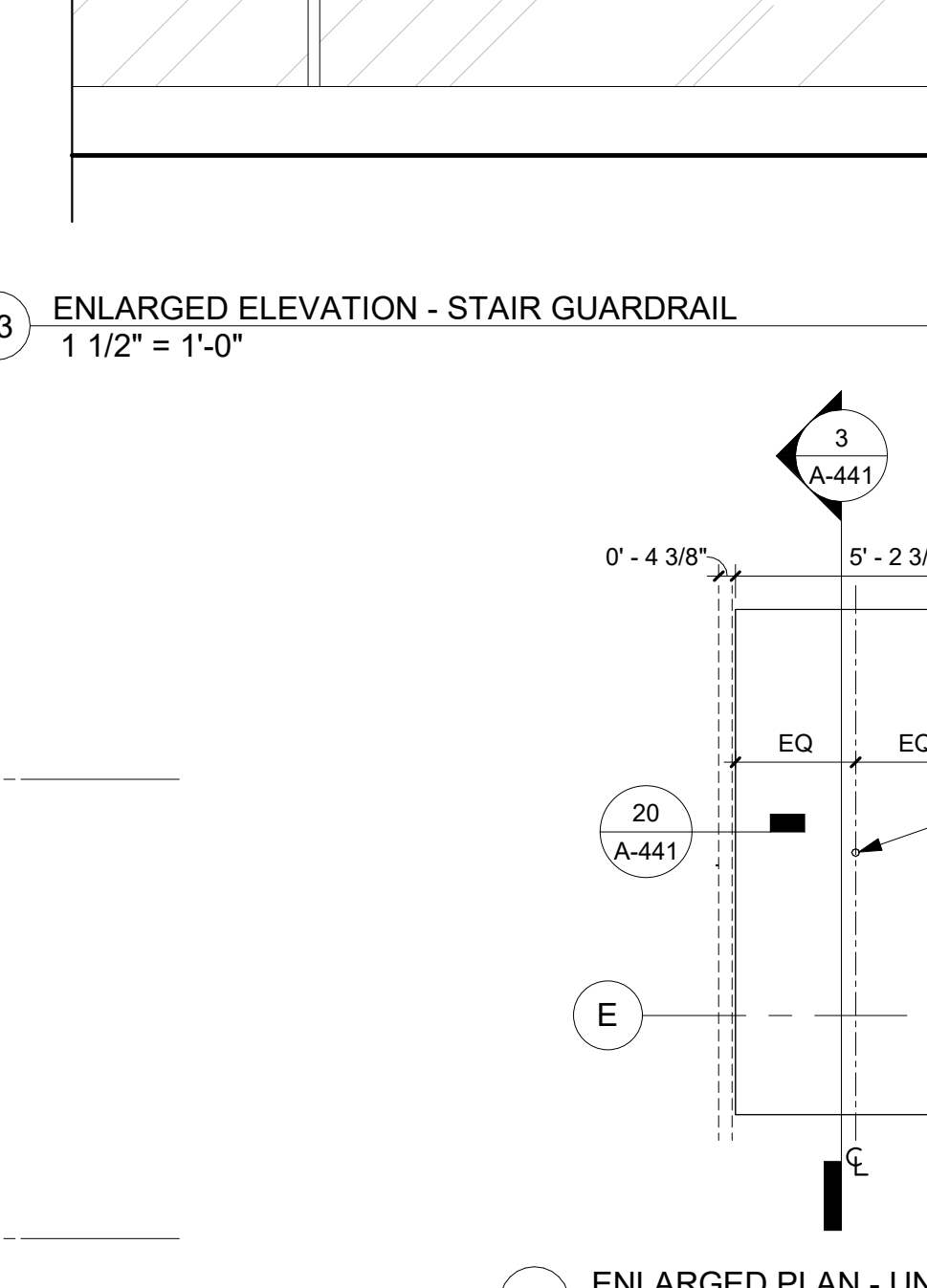
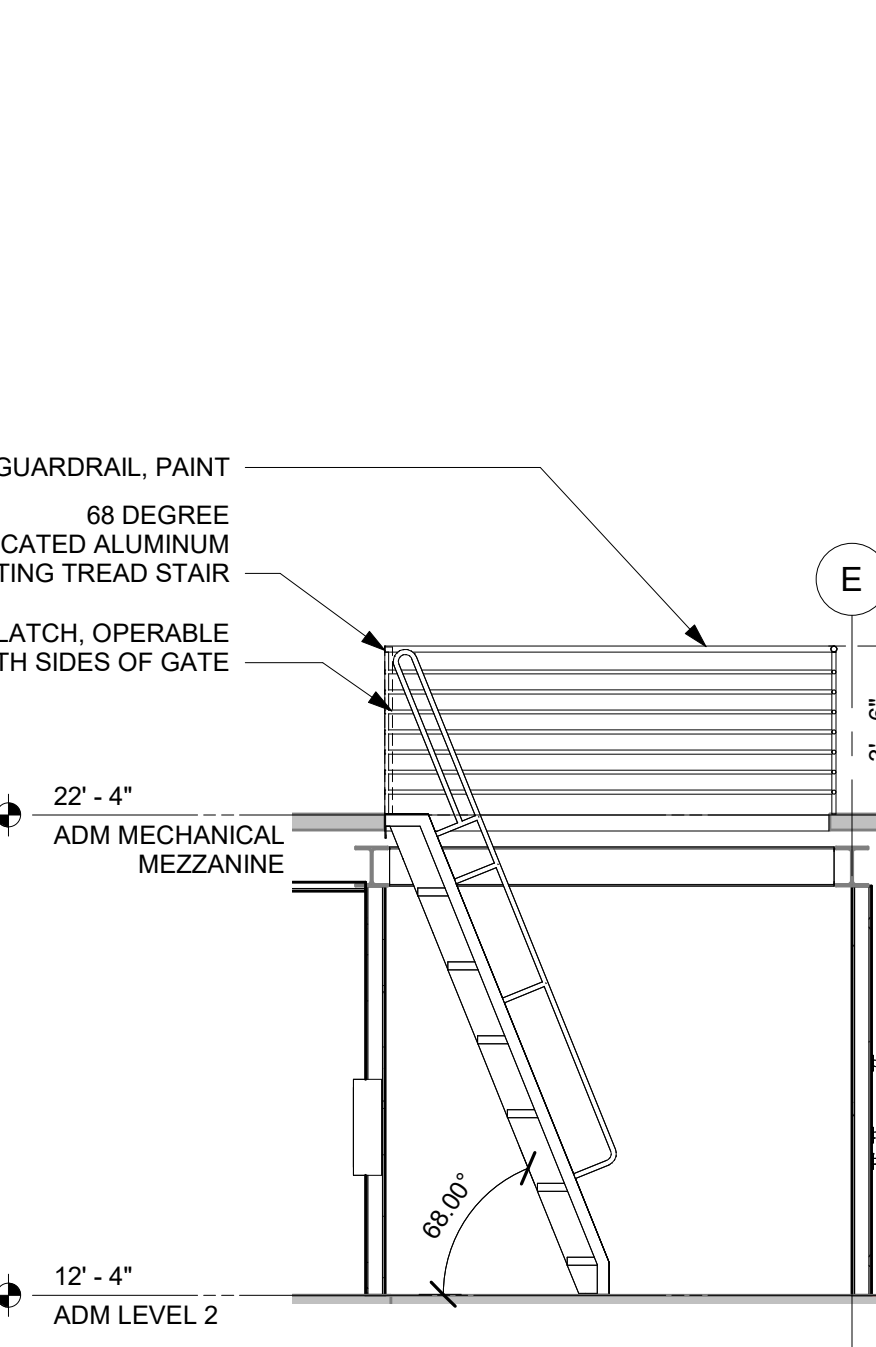
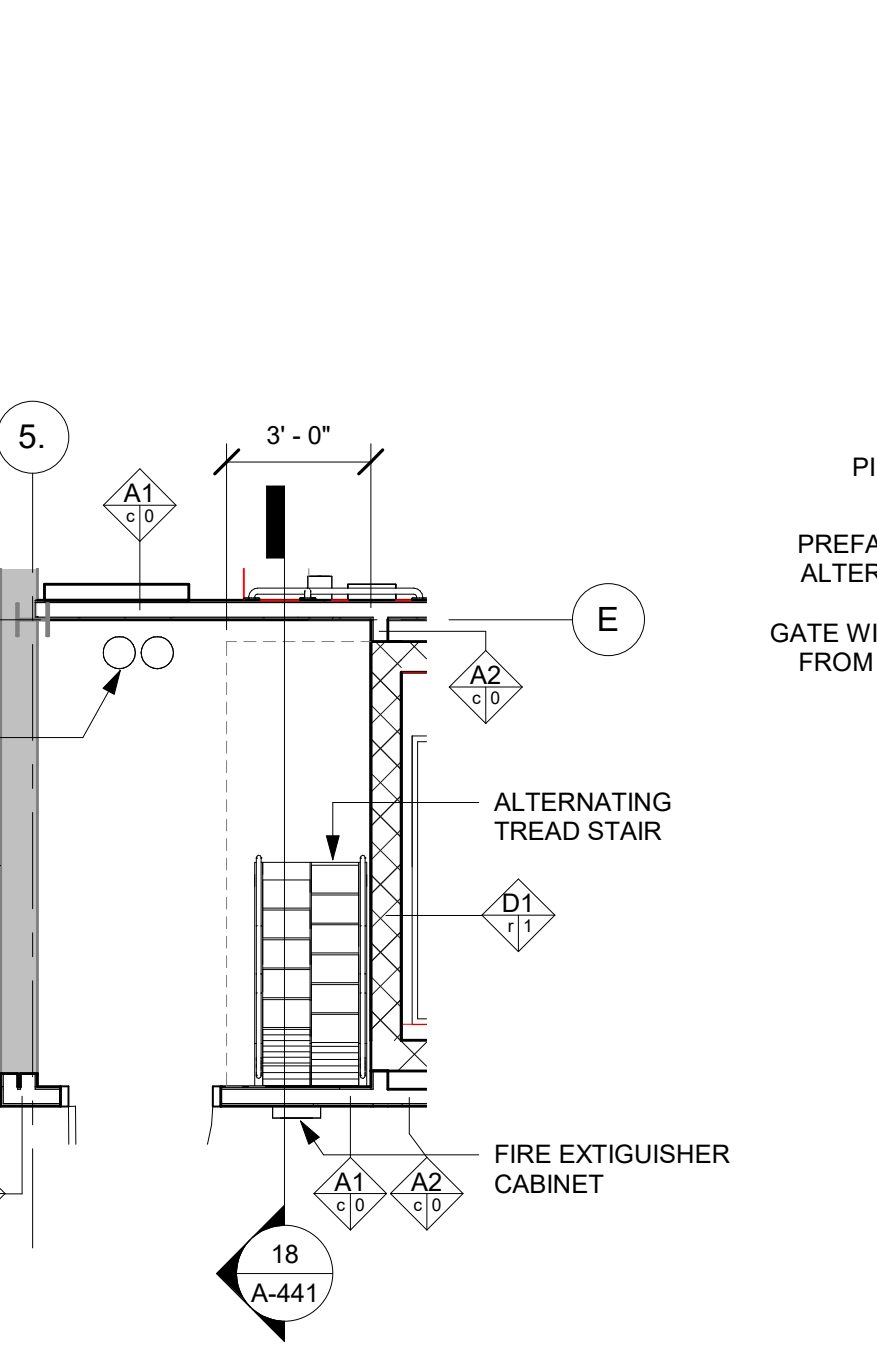
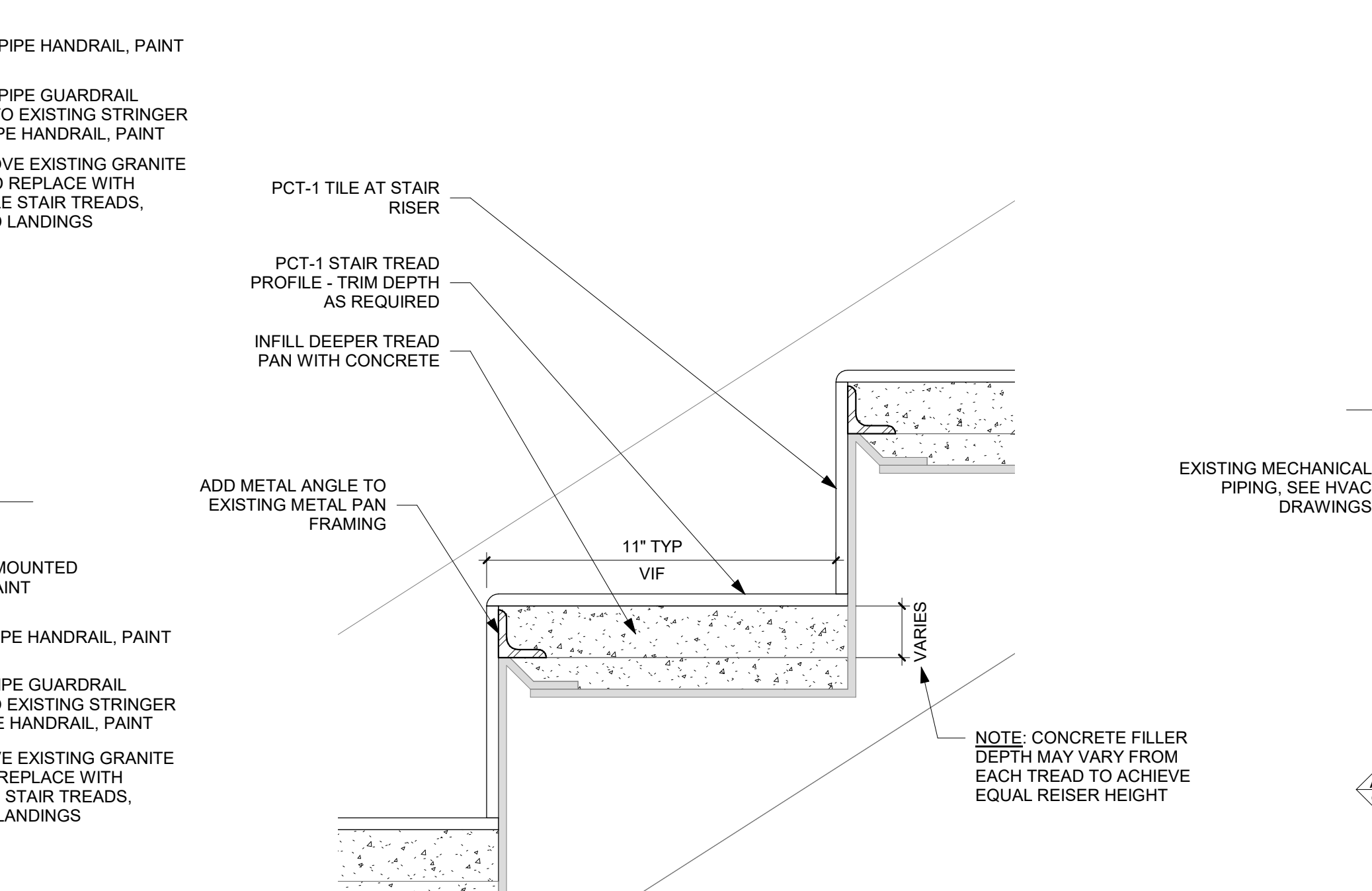
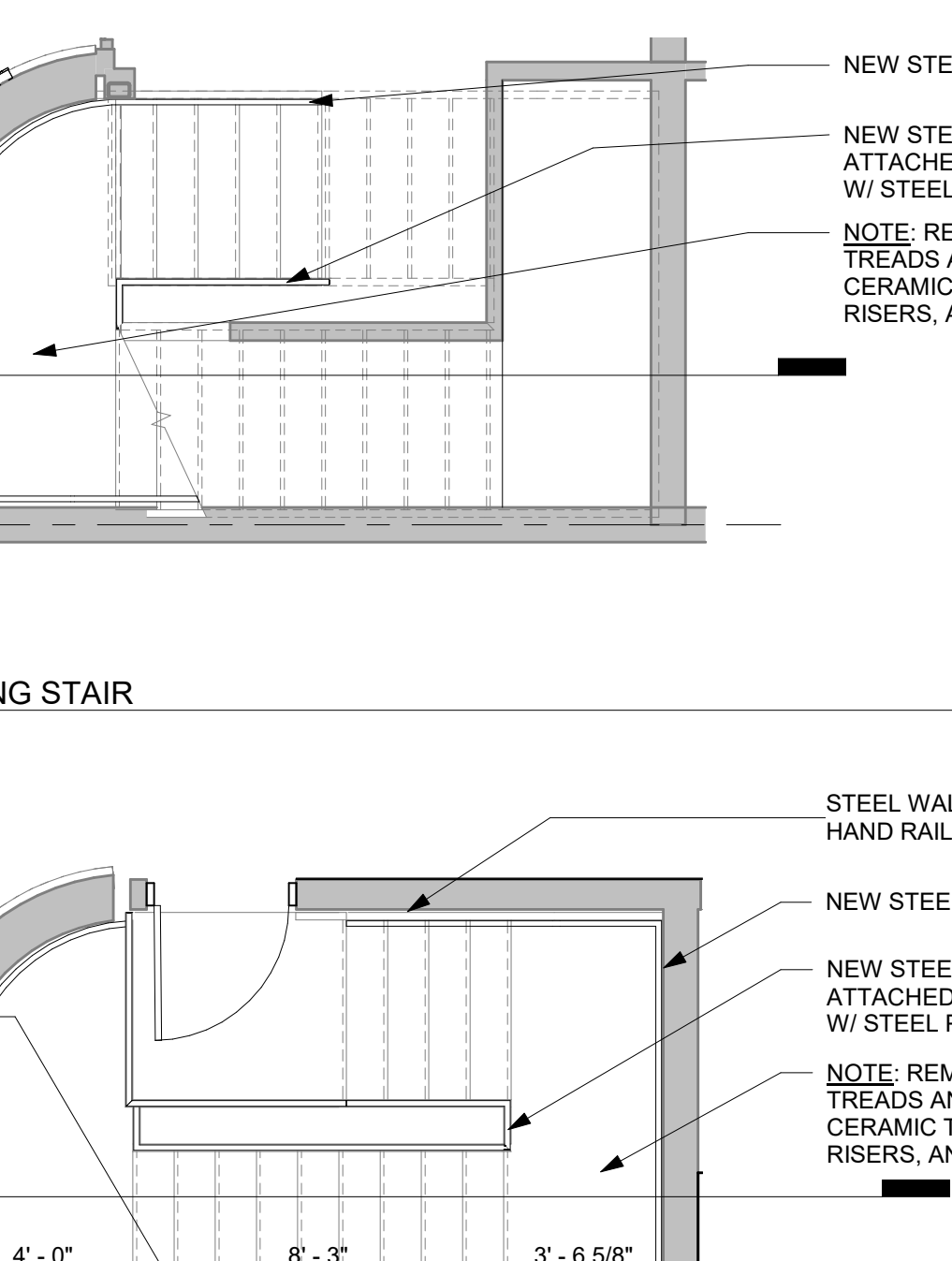
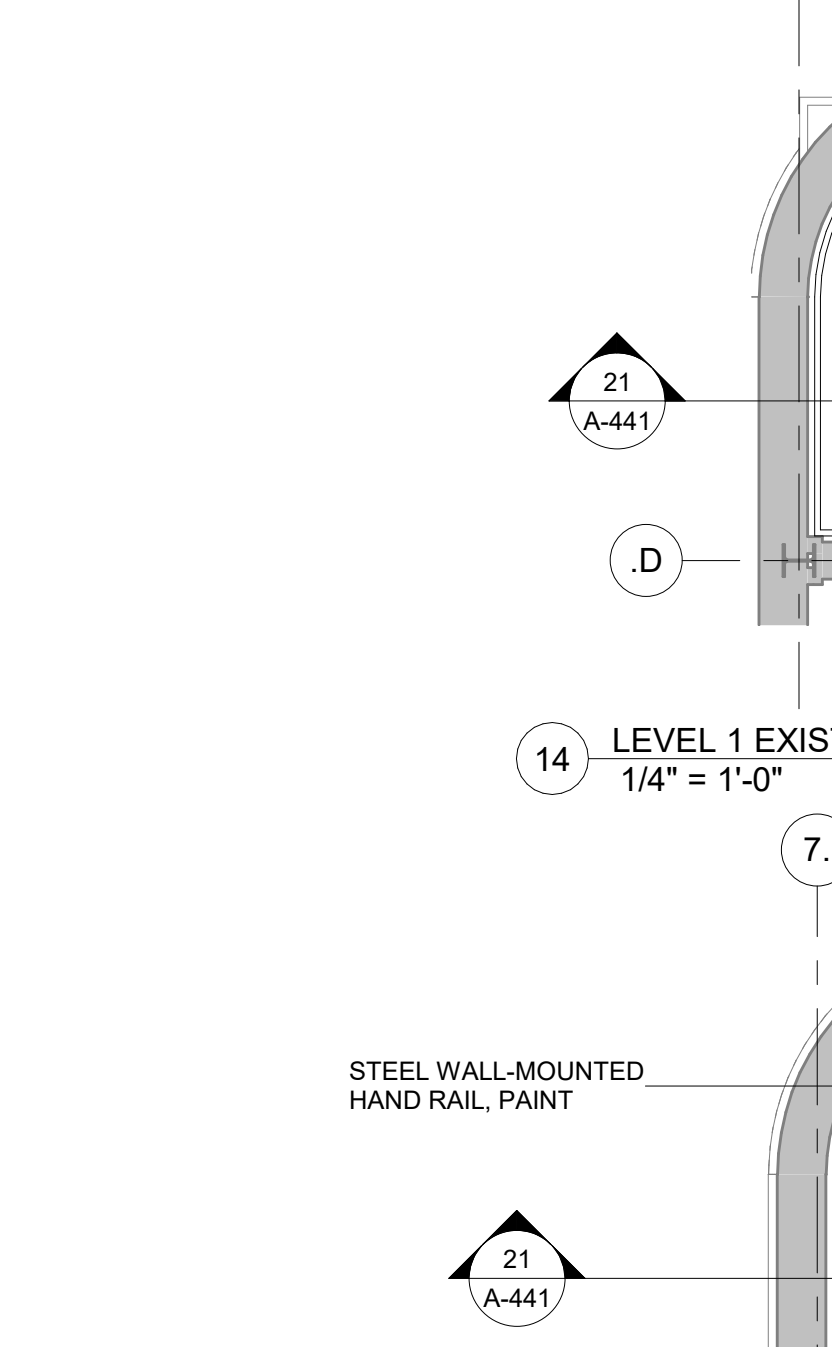
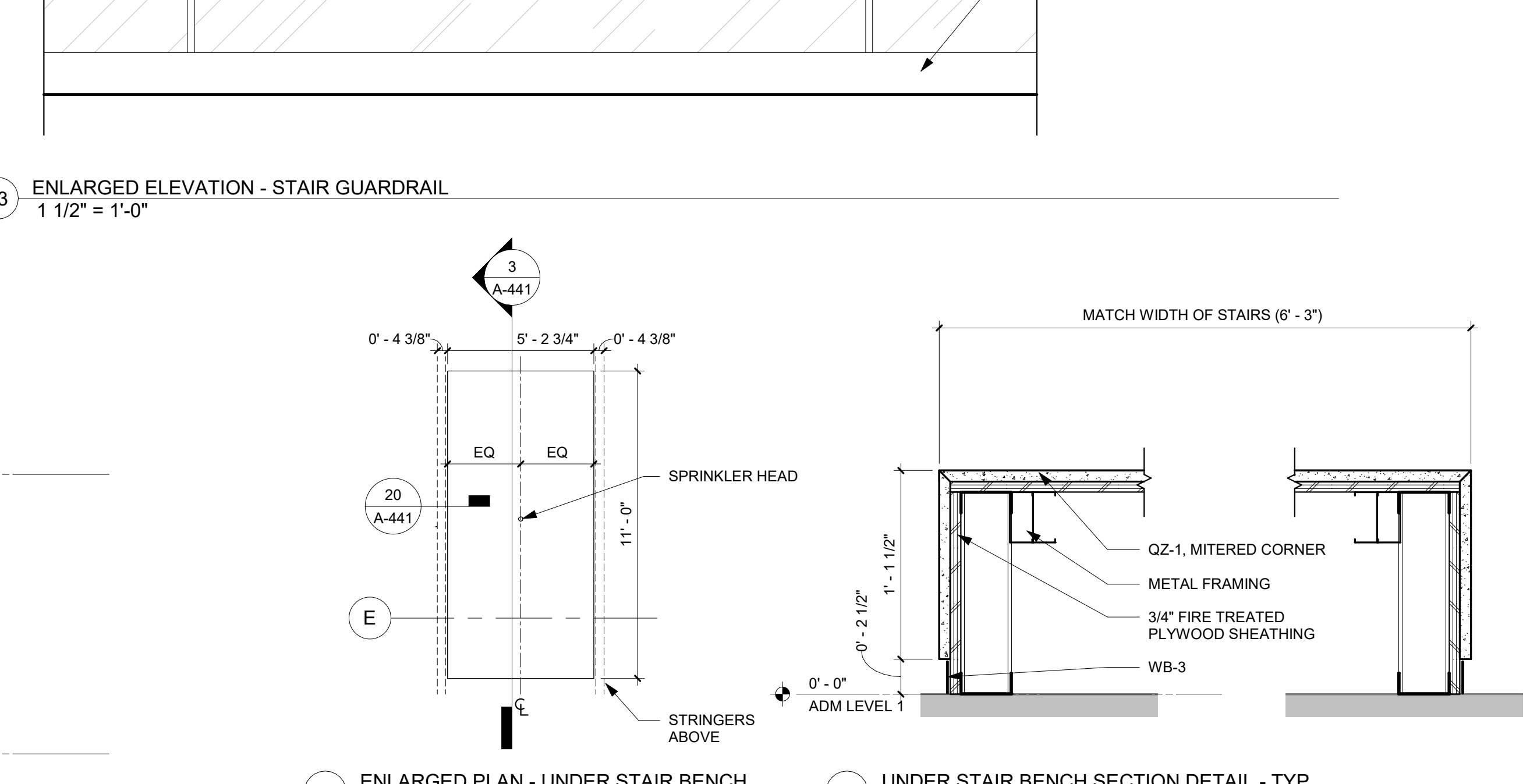
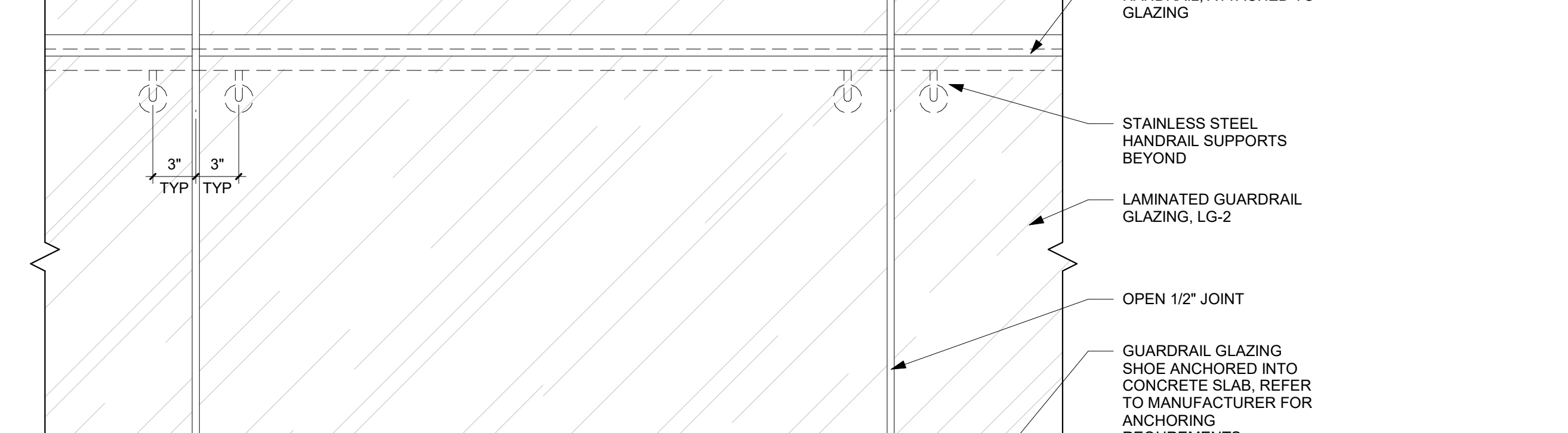
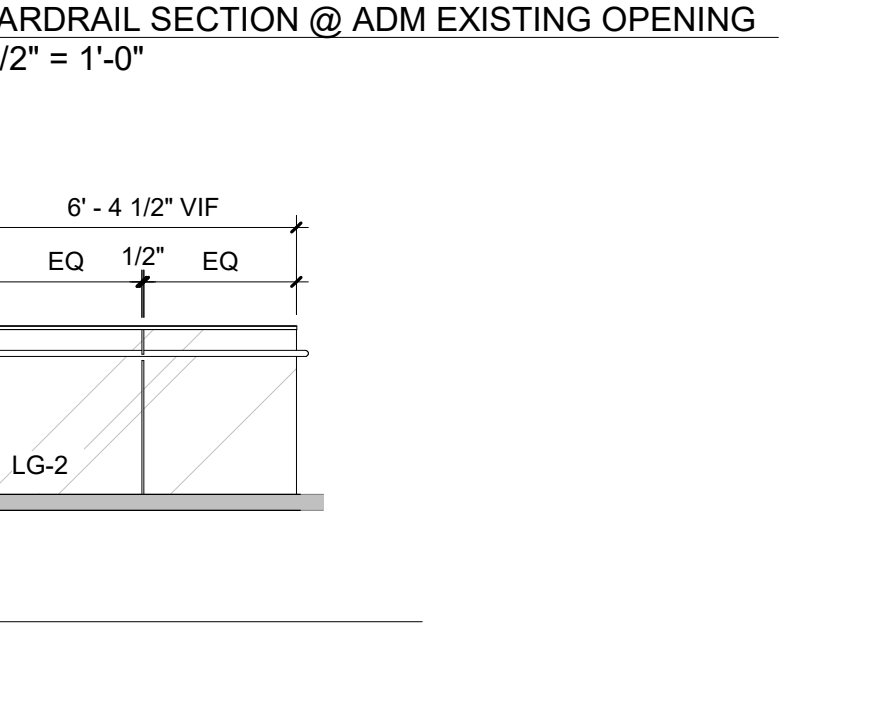
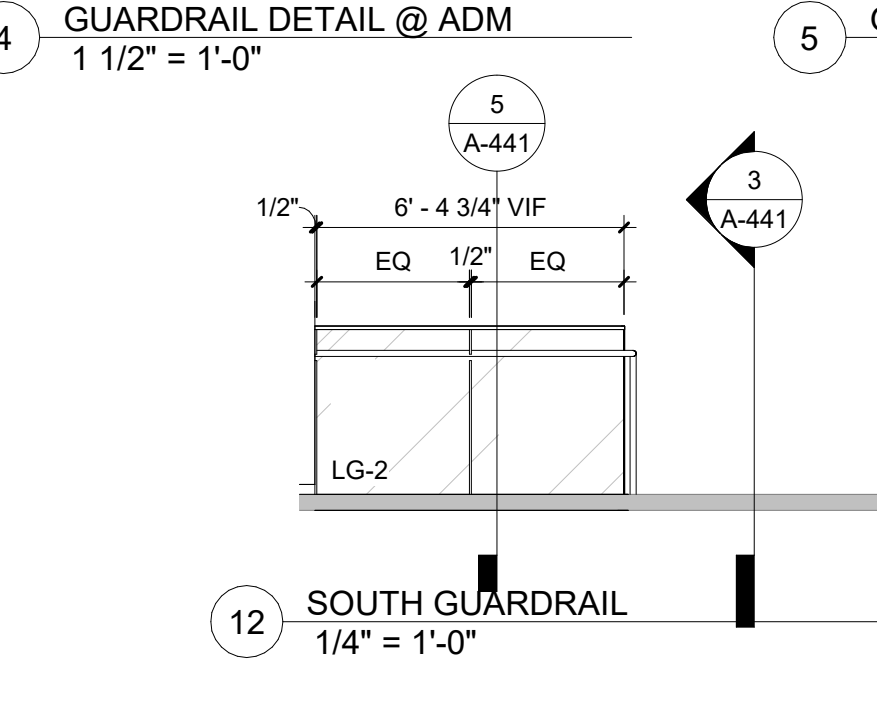
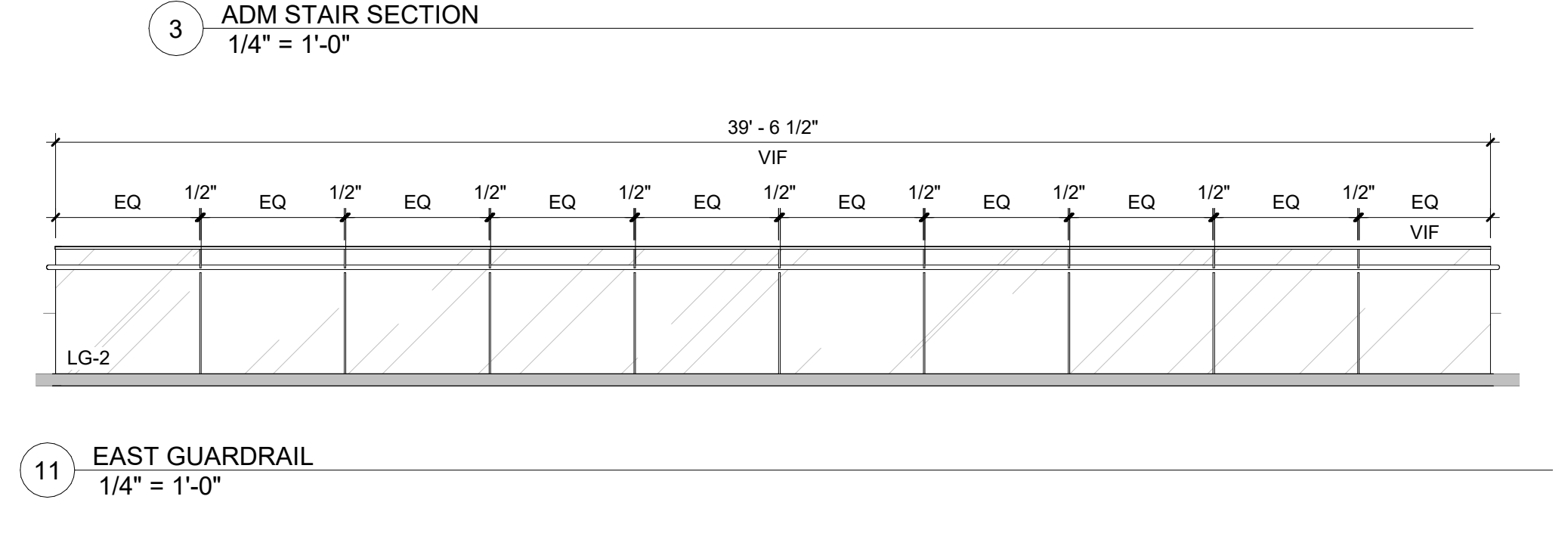
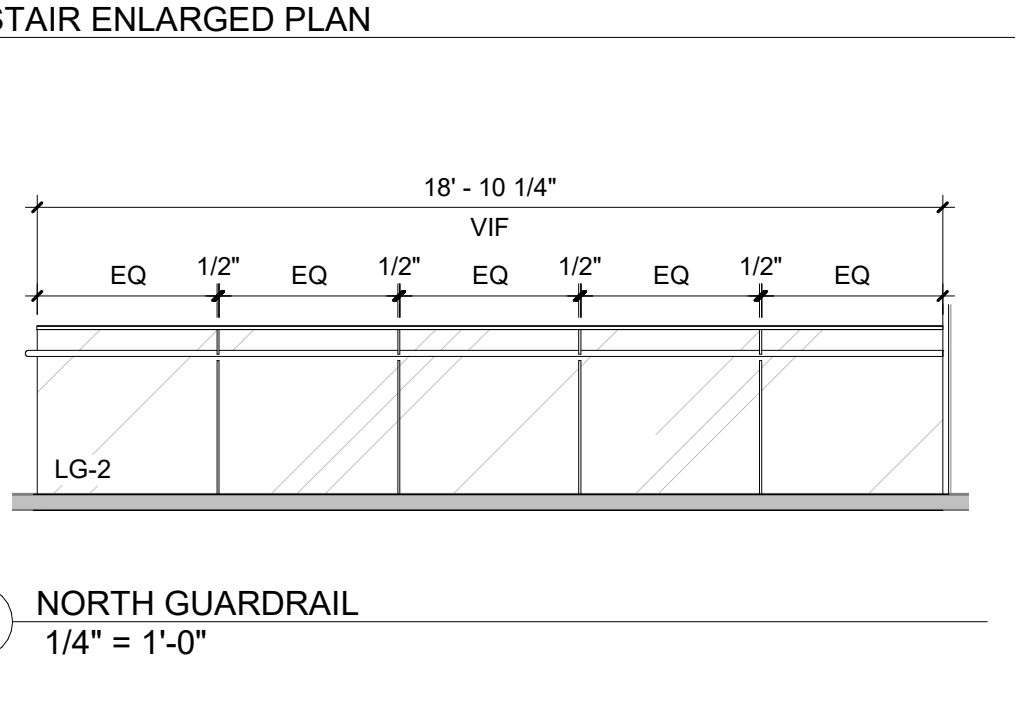
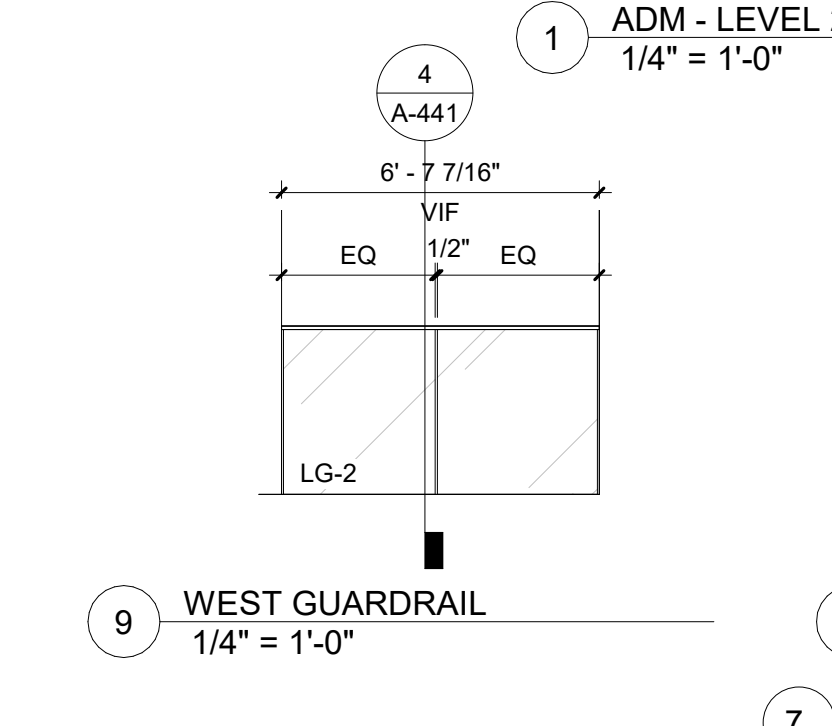
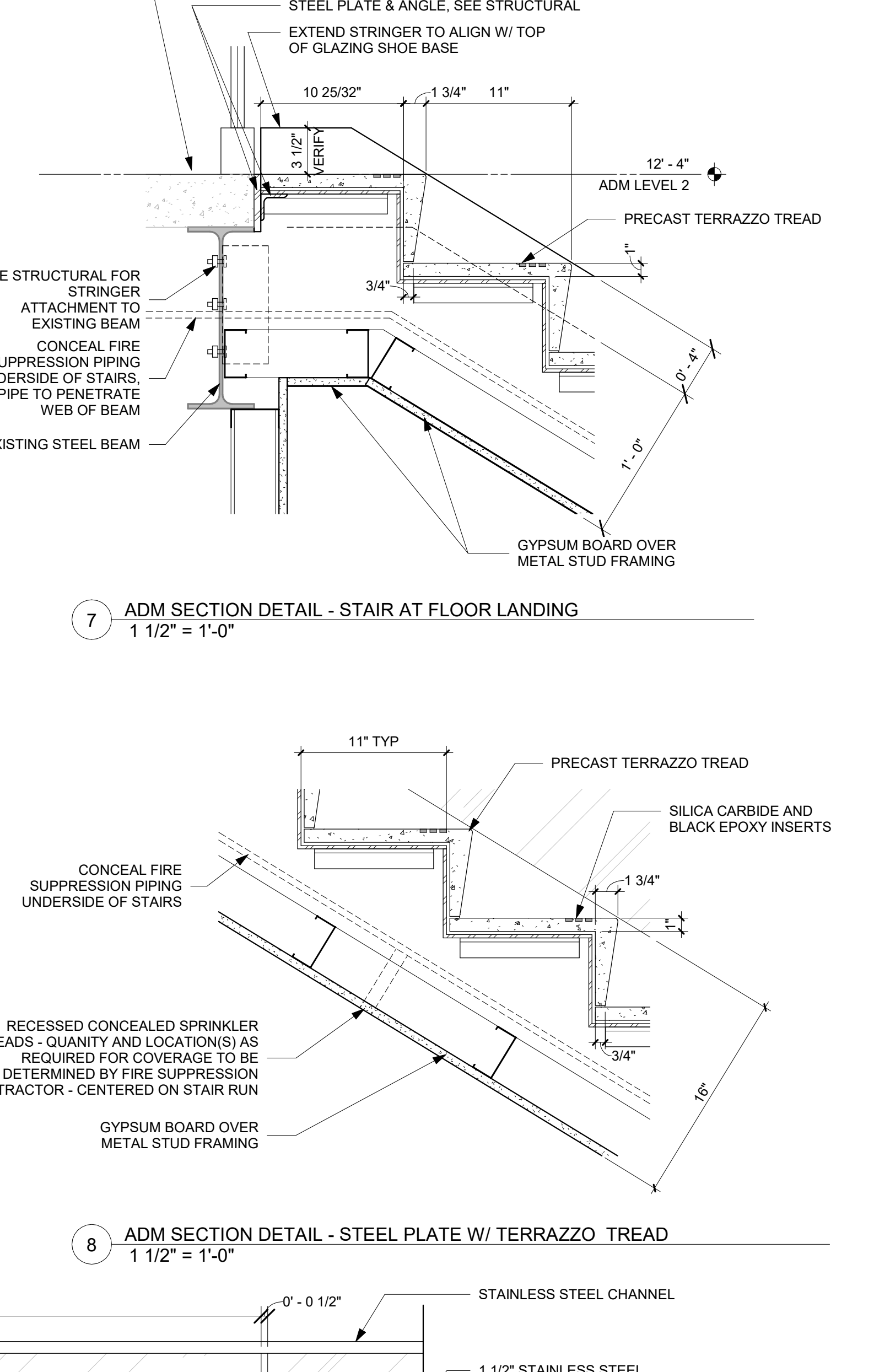
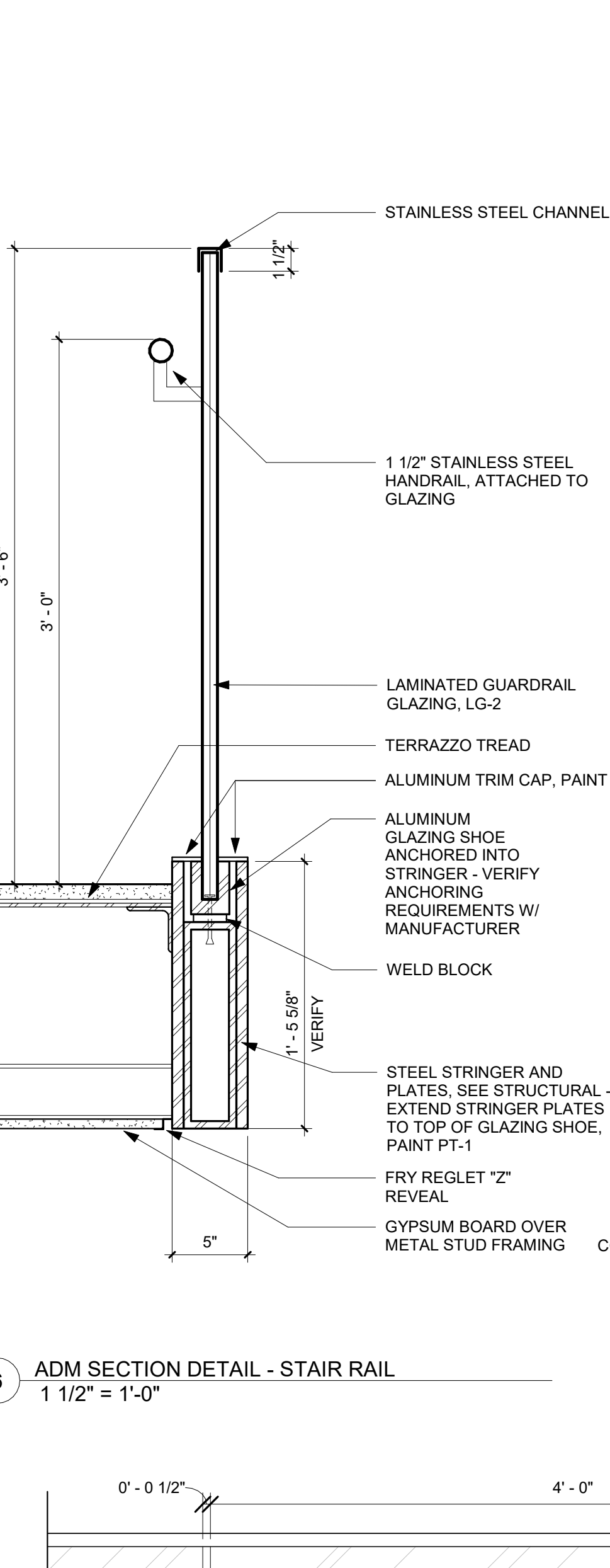
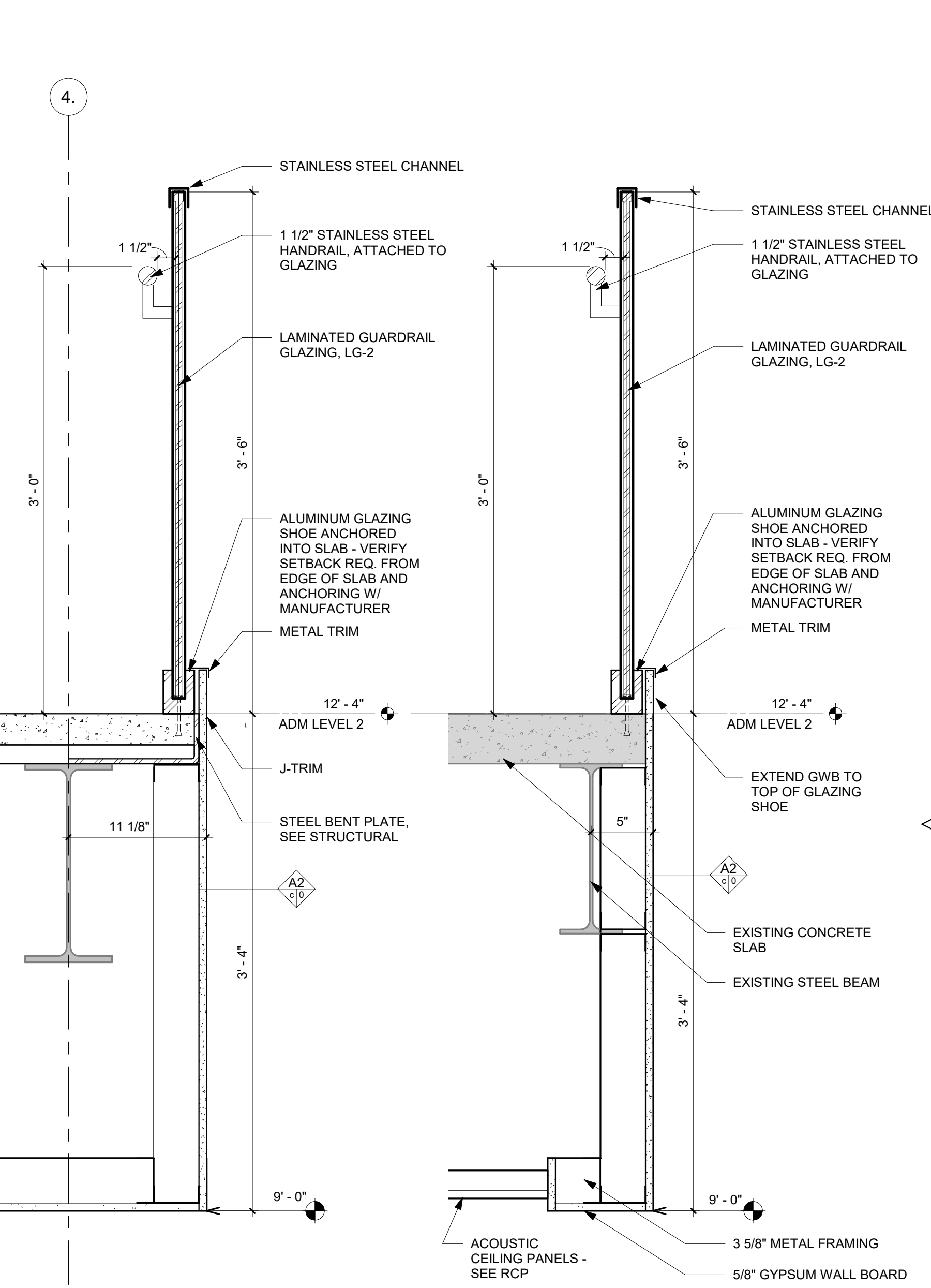
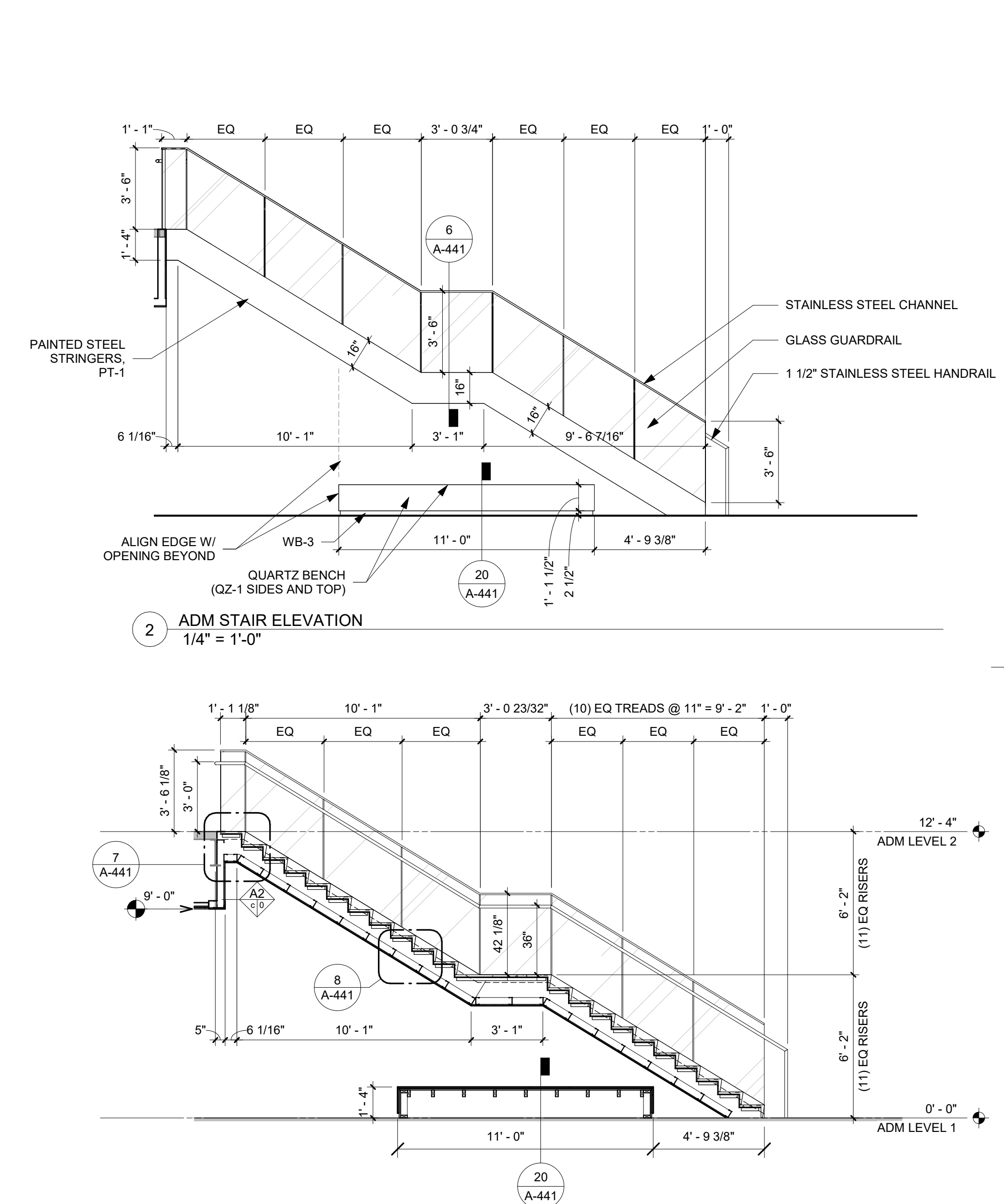
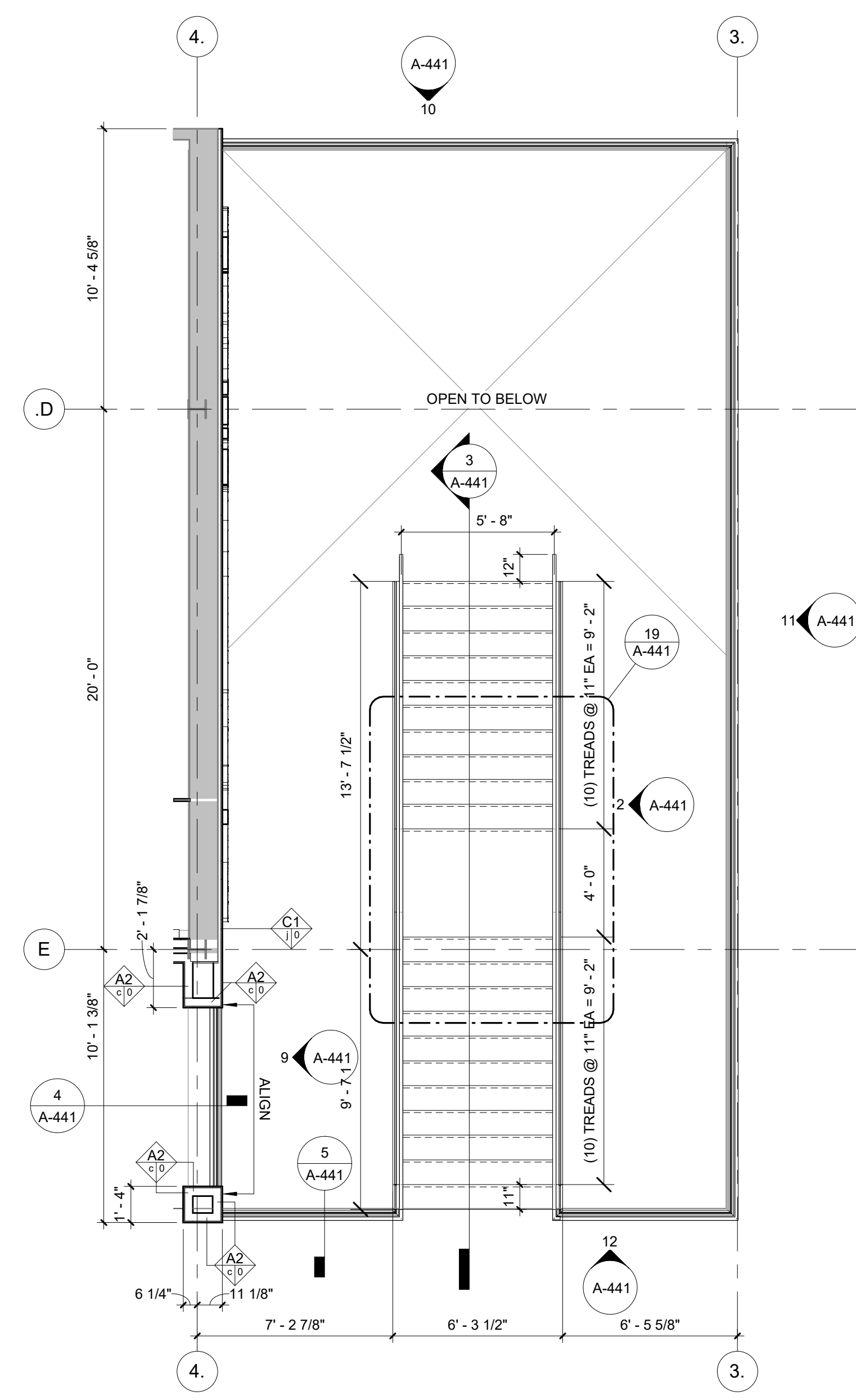
RESTROOM 302C SOUTH
1/4" = 1'-0"



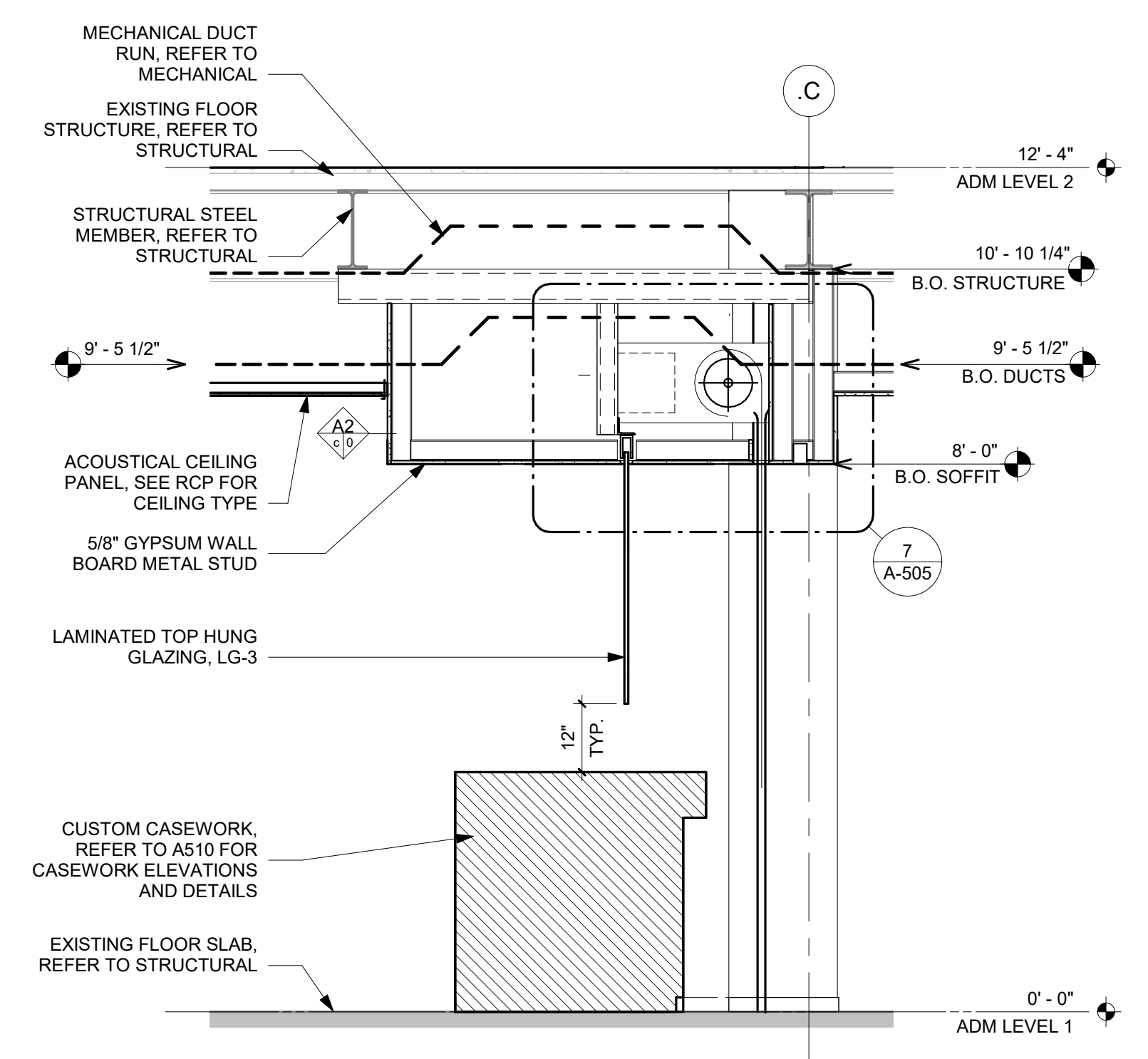
RESTROOM 302C WEST
1/4" = 1'-0"

Revision Description Date

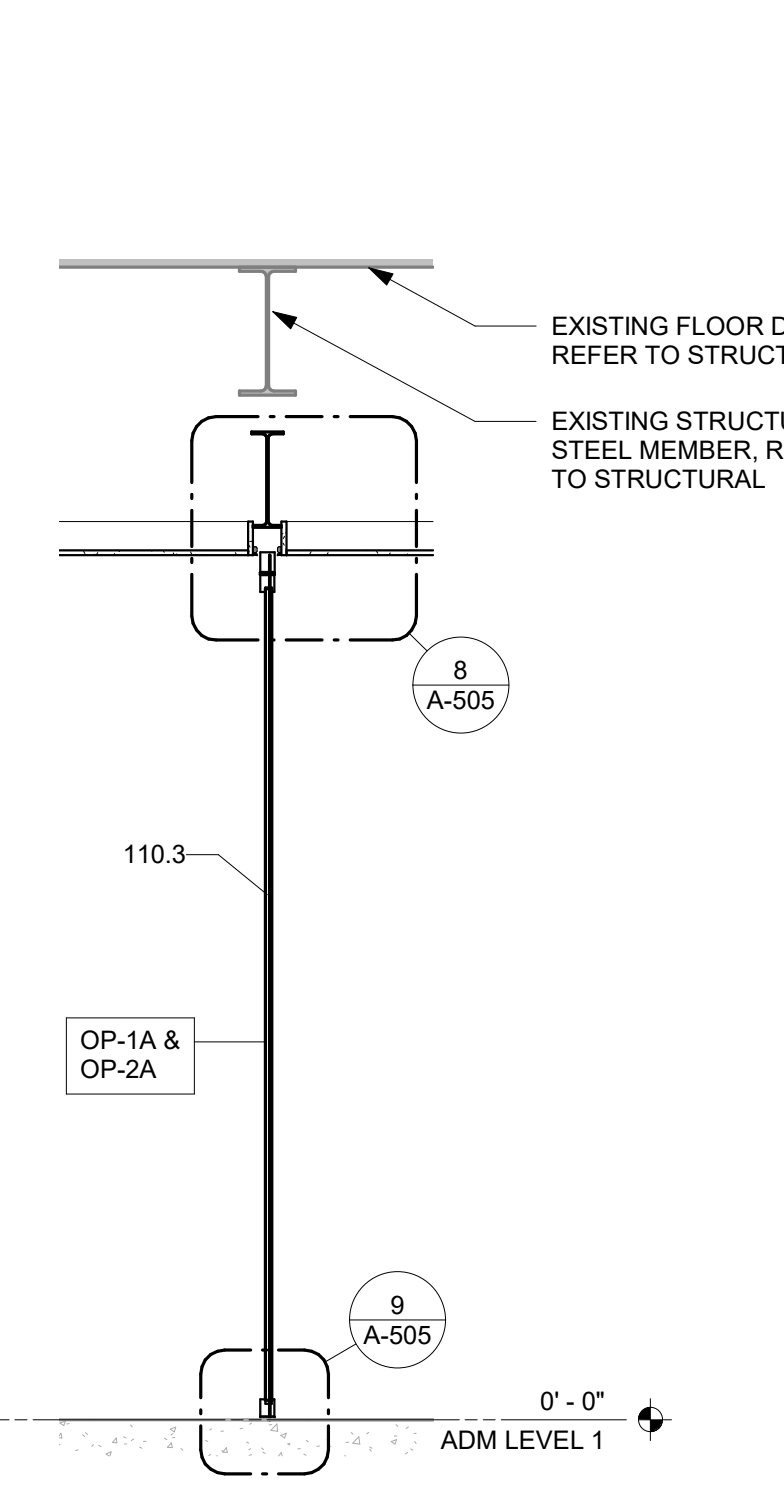
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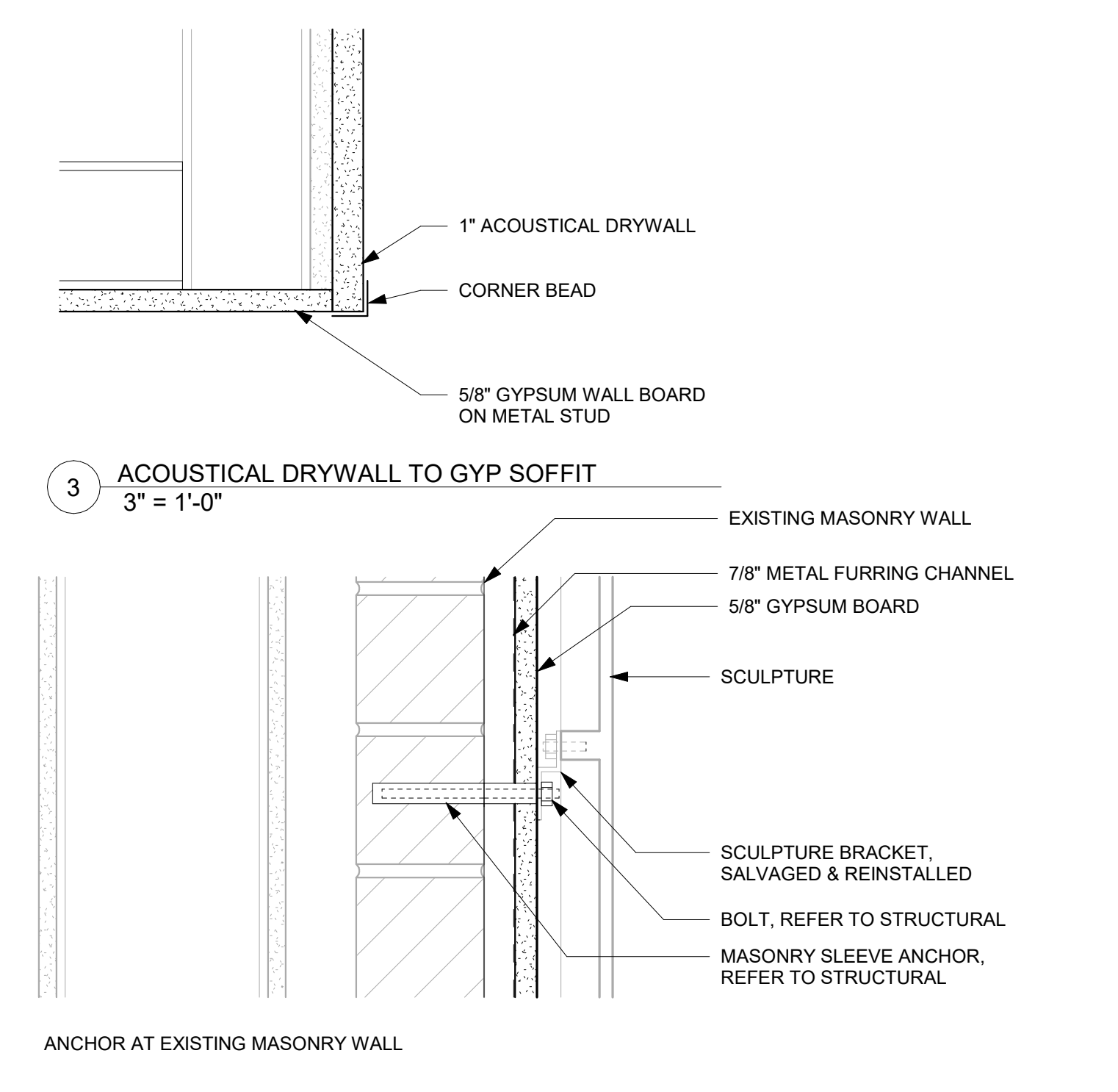
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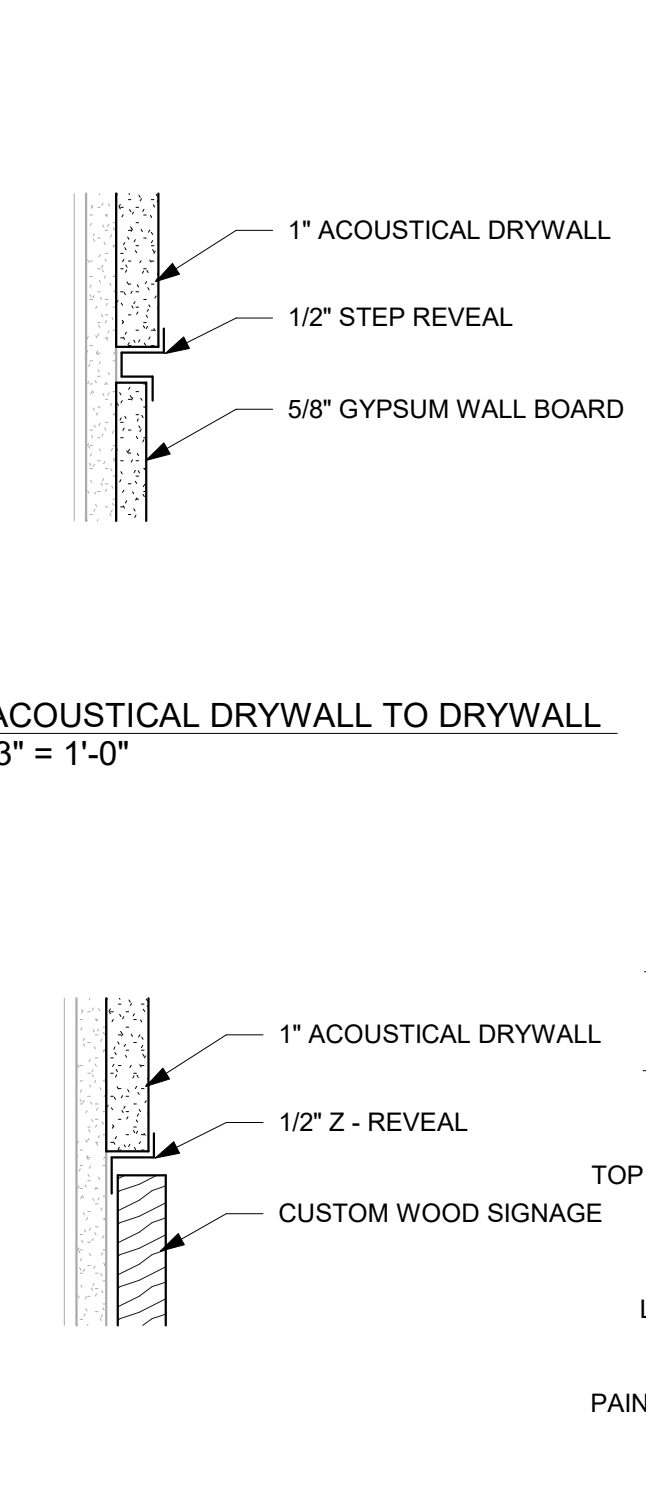
1 SERVICE COUNTER SECTION
1 1/2" = 1'-0"



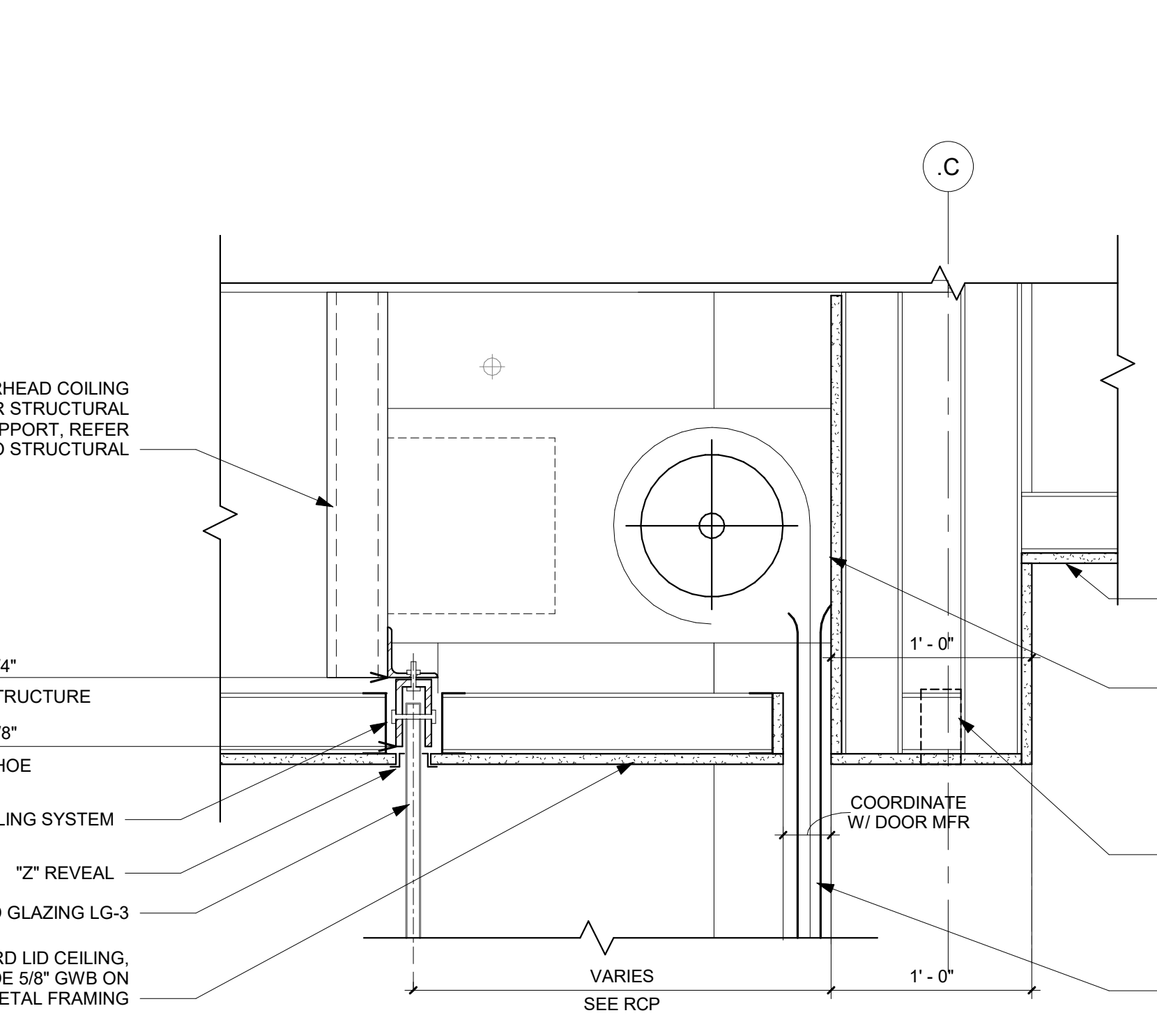
2 OPERABLE GLAZING WALL
1 1/2" = 1'-0"



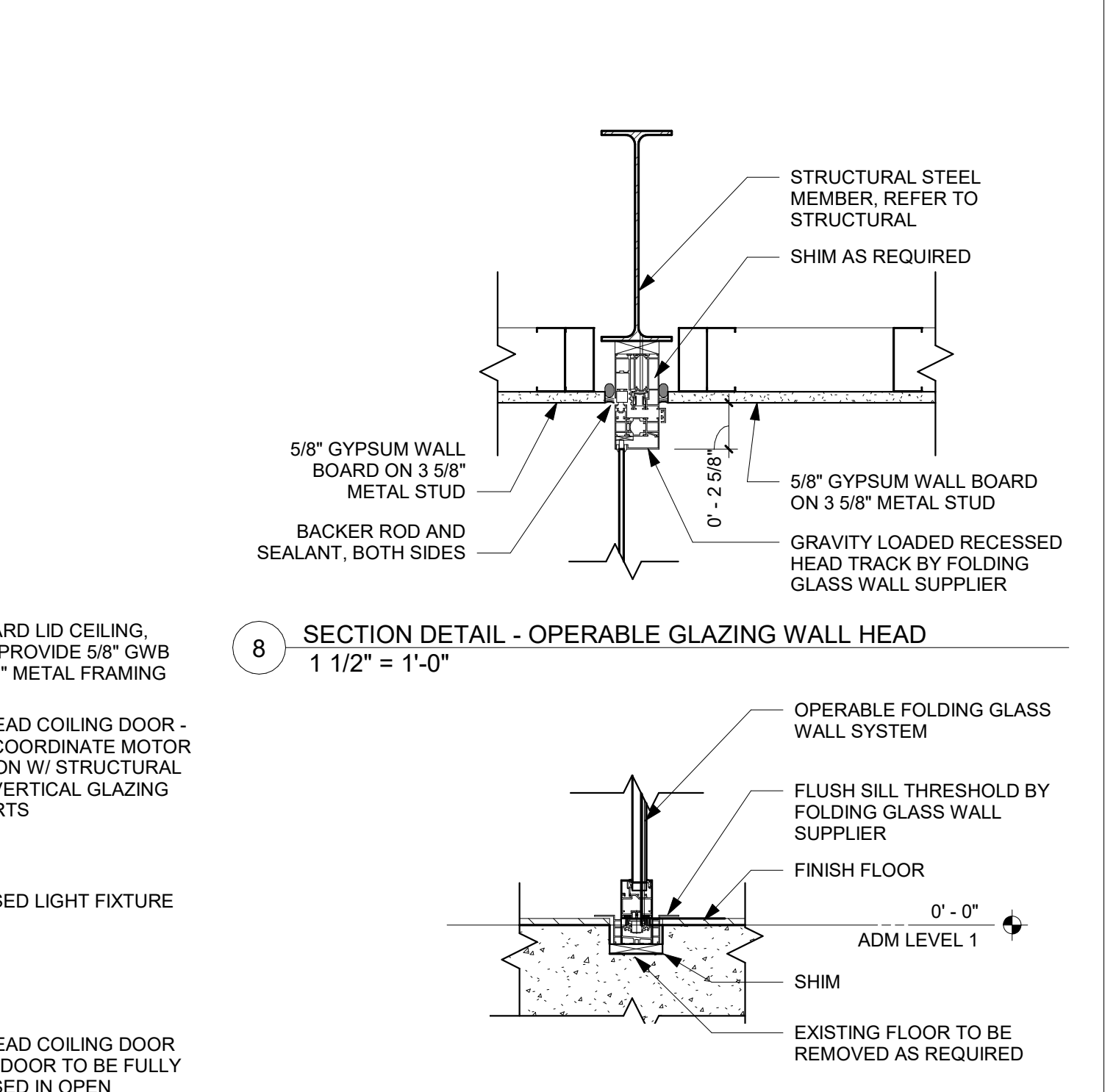
3 ACoustical DRYWALL TO GYP SOFFIT
3" = 1'-0"



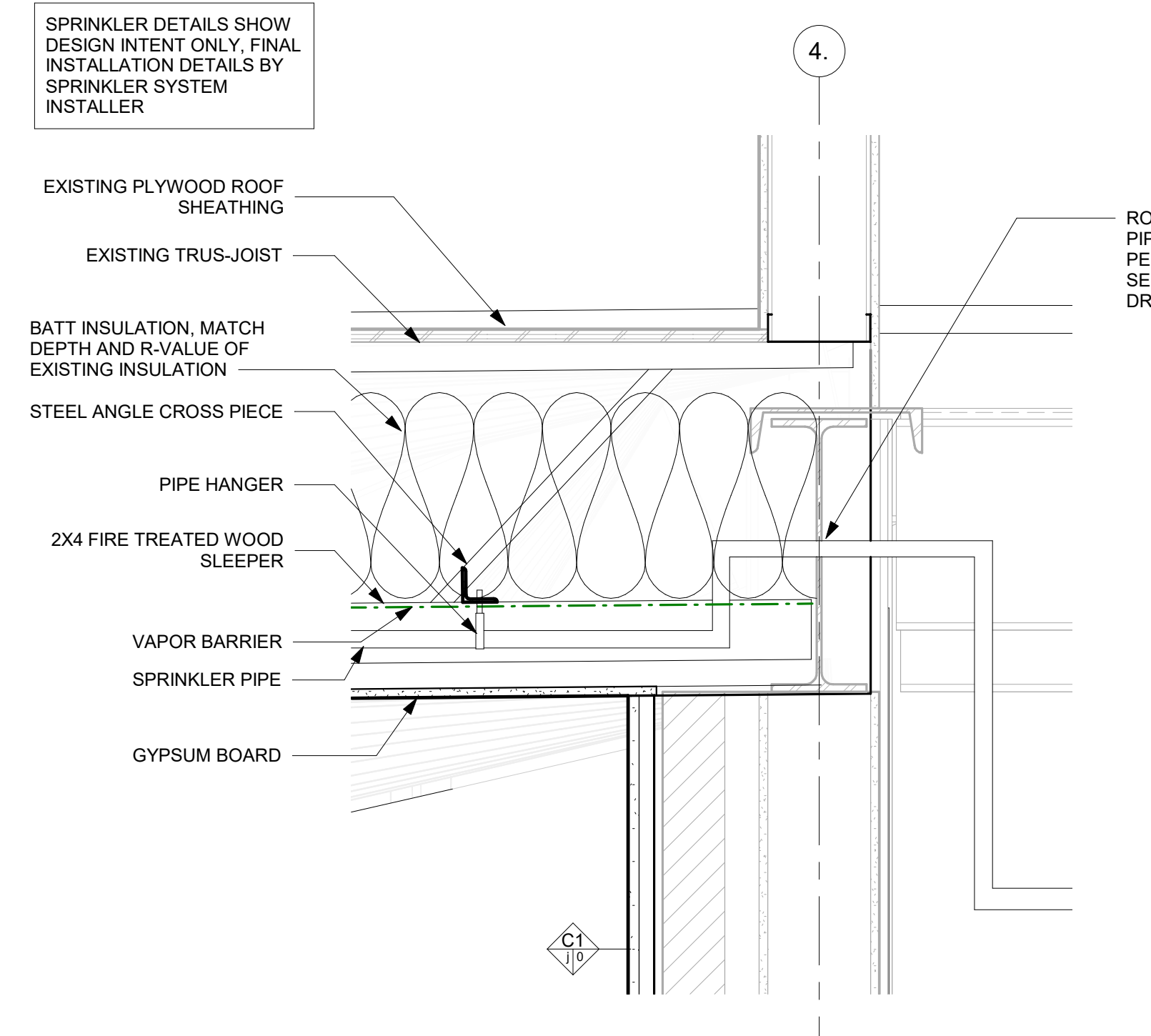
4 SCULPTURE ANCHOR
3" = 1'-0"



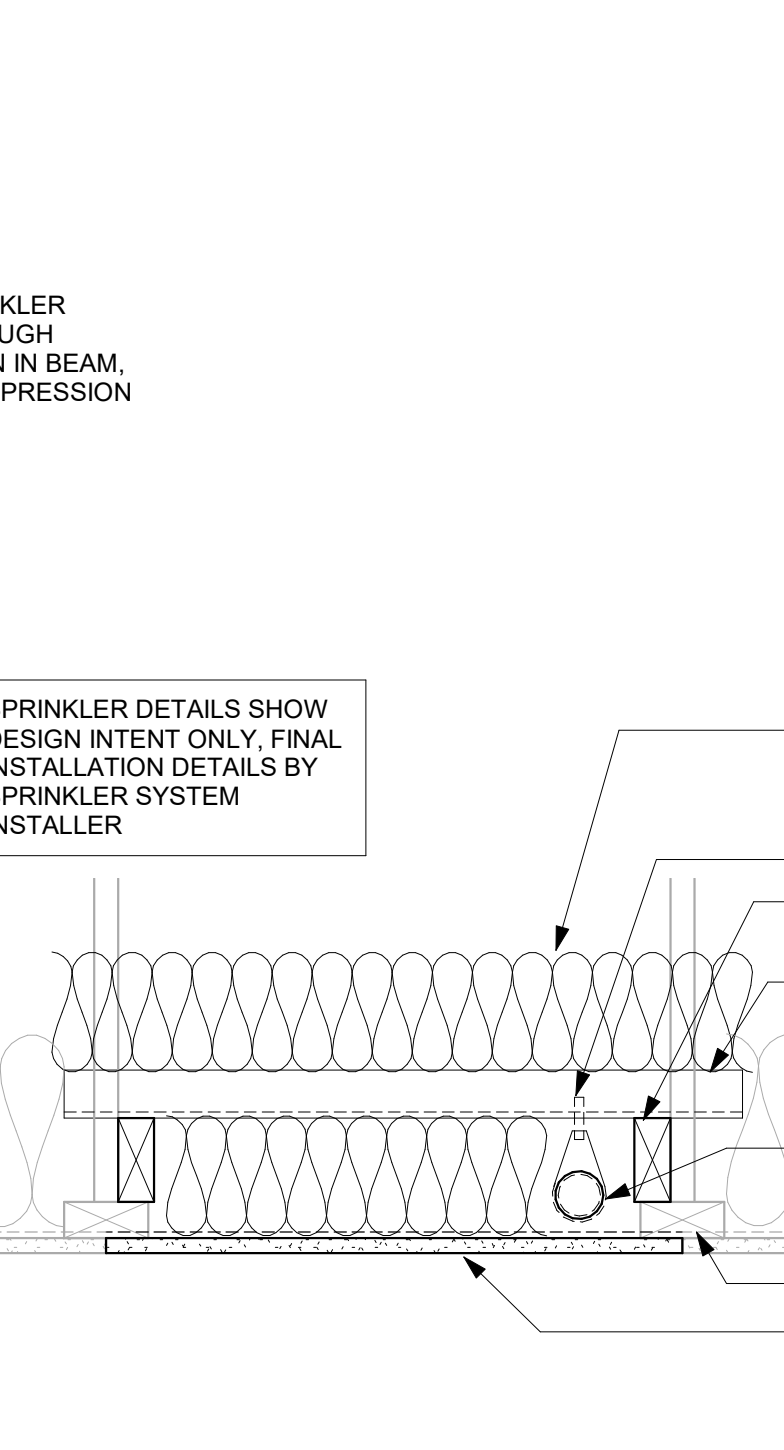
5 ACoustical DRYWALL TO DRYWALL
3" = 1'-0"



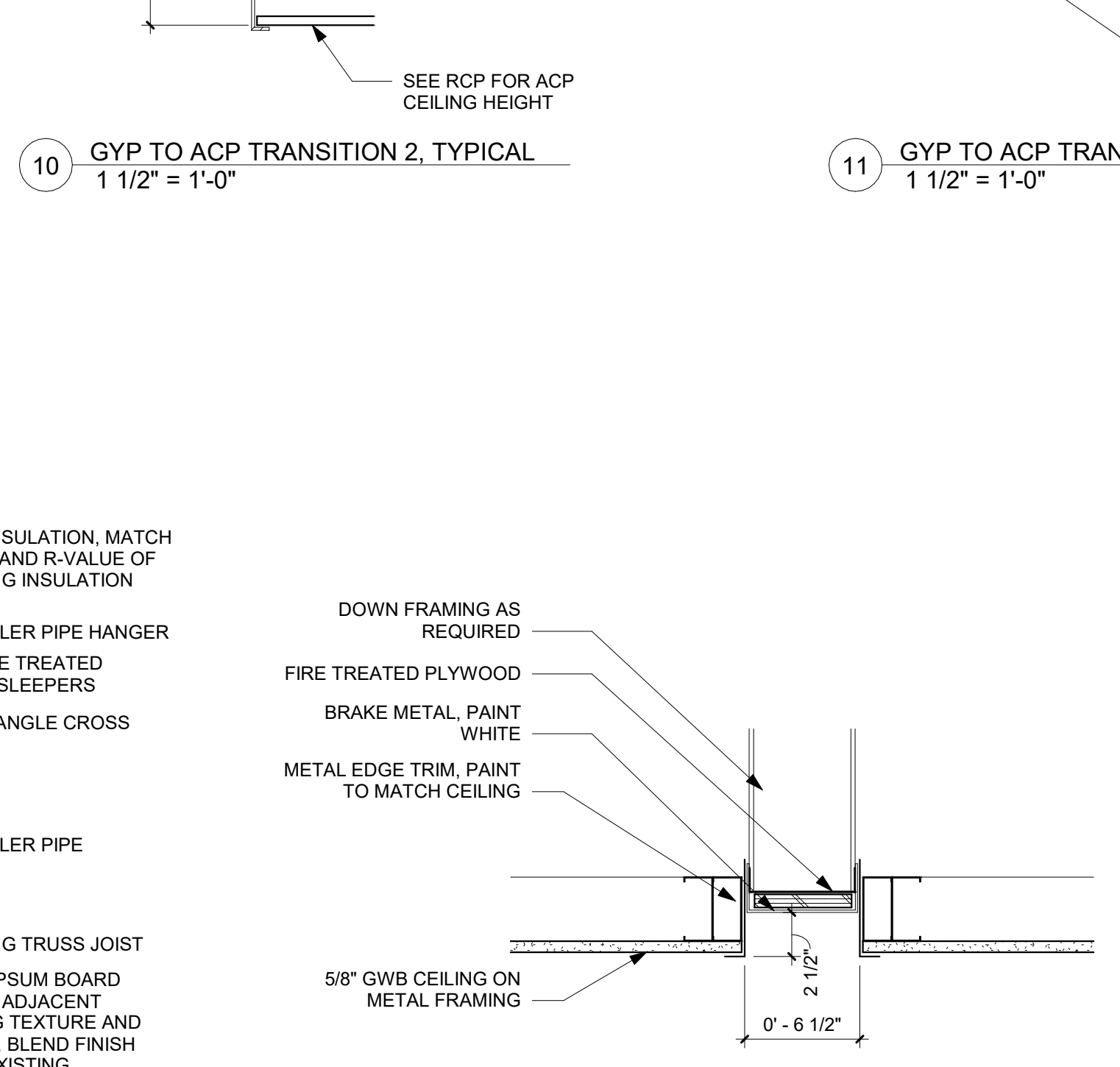
6 SECTION DETAIL - OPERABLE GLAZING WALL HEAD
1 1/2" = 1'-0"



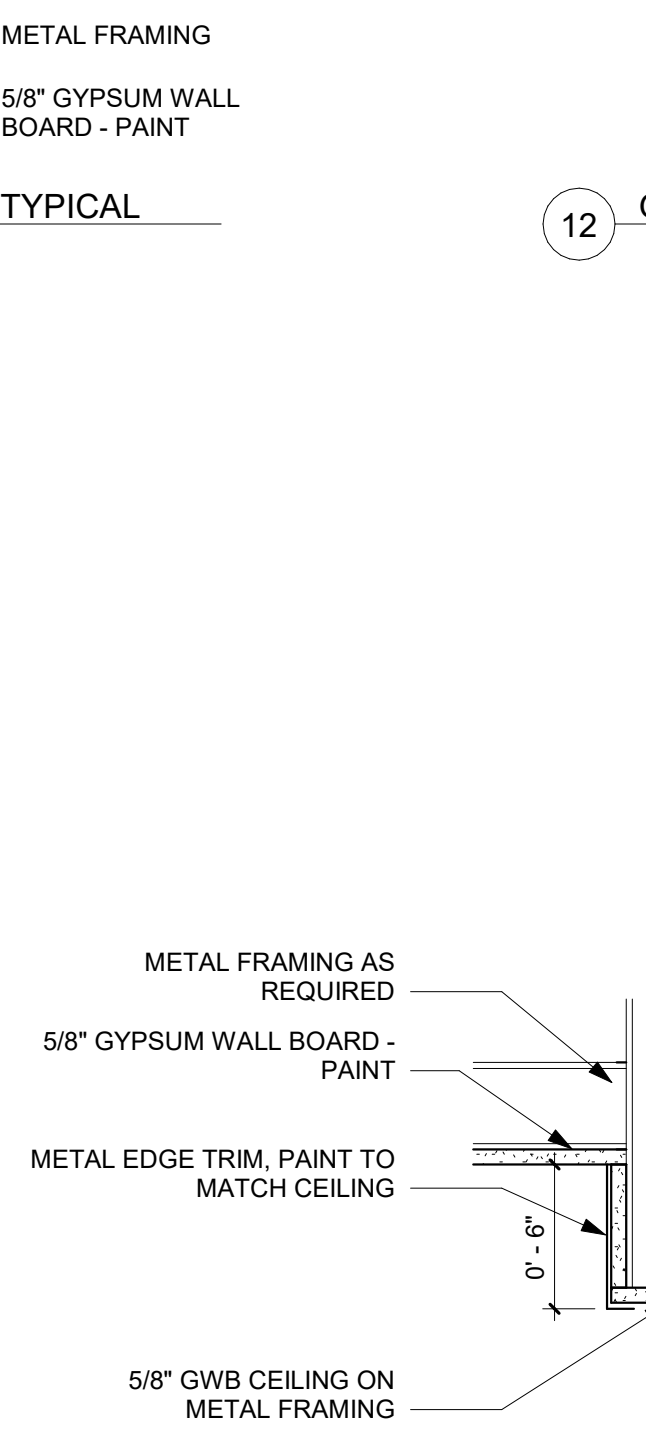
7 SECTION DETAIL AT ADM LOBBY SPRINKLER
1 1/2" = 1'-0"



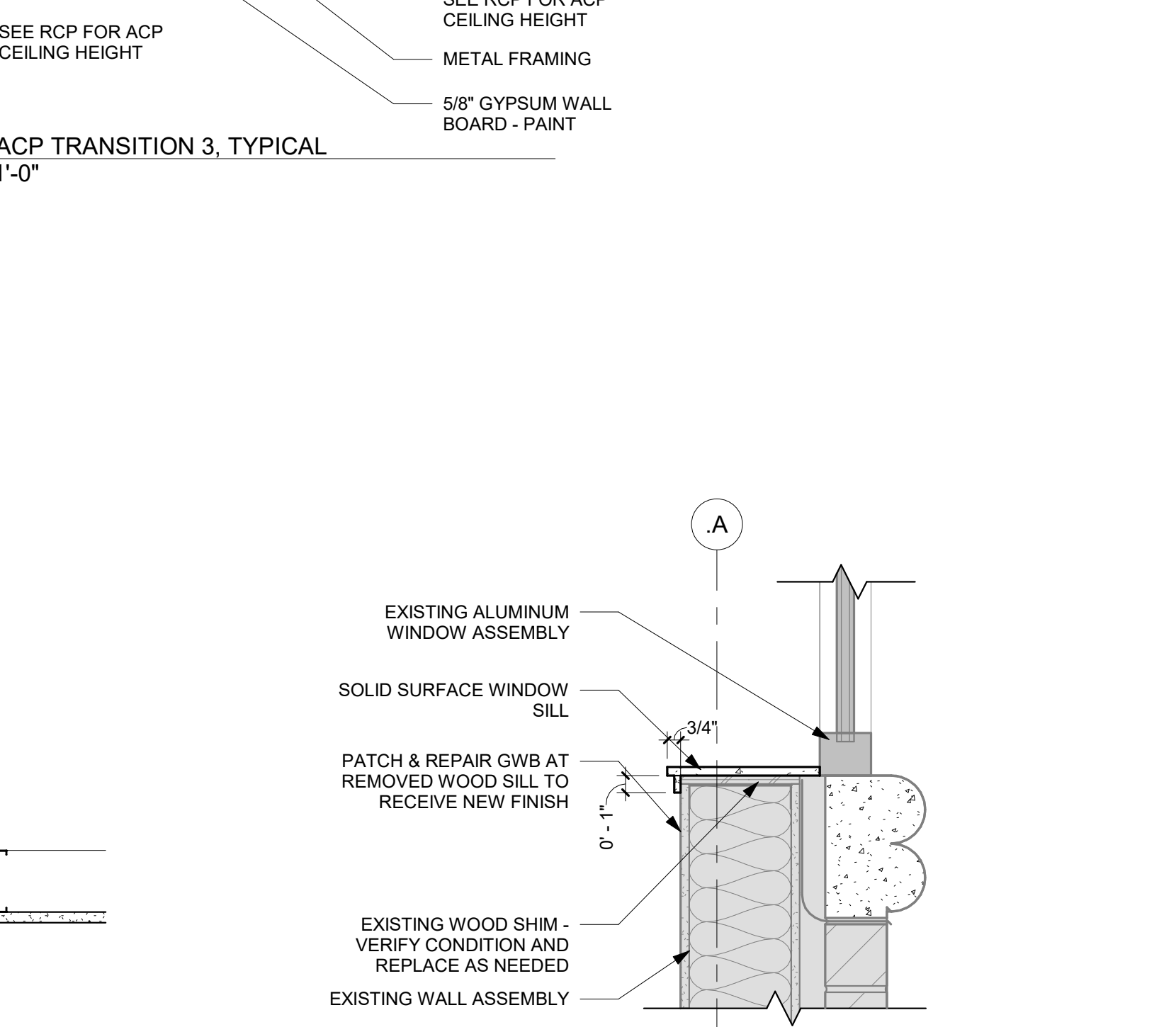
8 SECTION DETAIL ADM LOBBY SPRINKLER 2
1 1/2" = 1'-0"



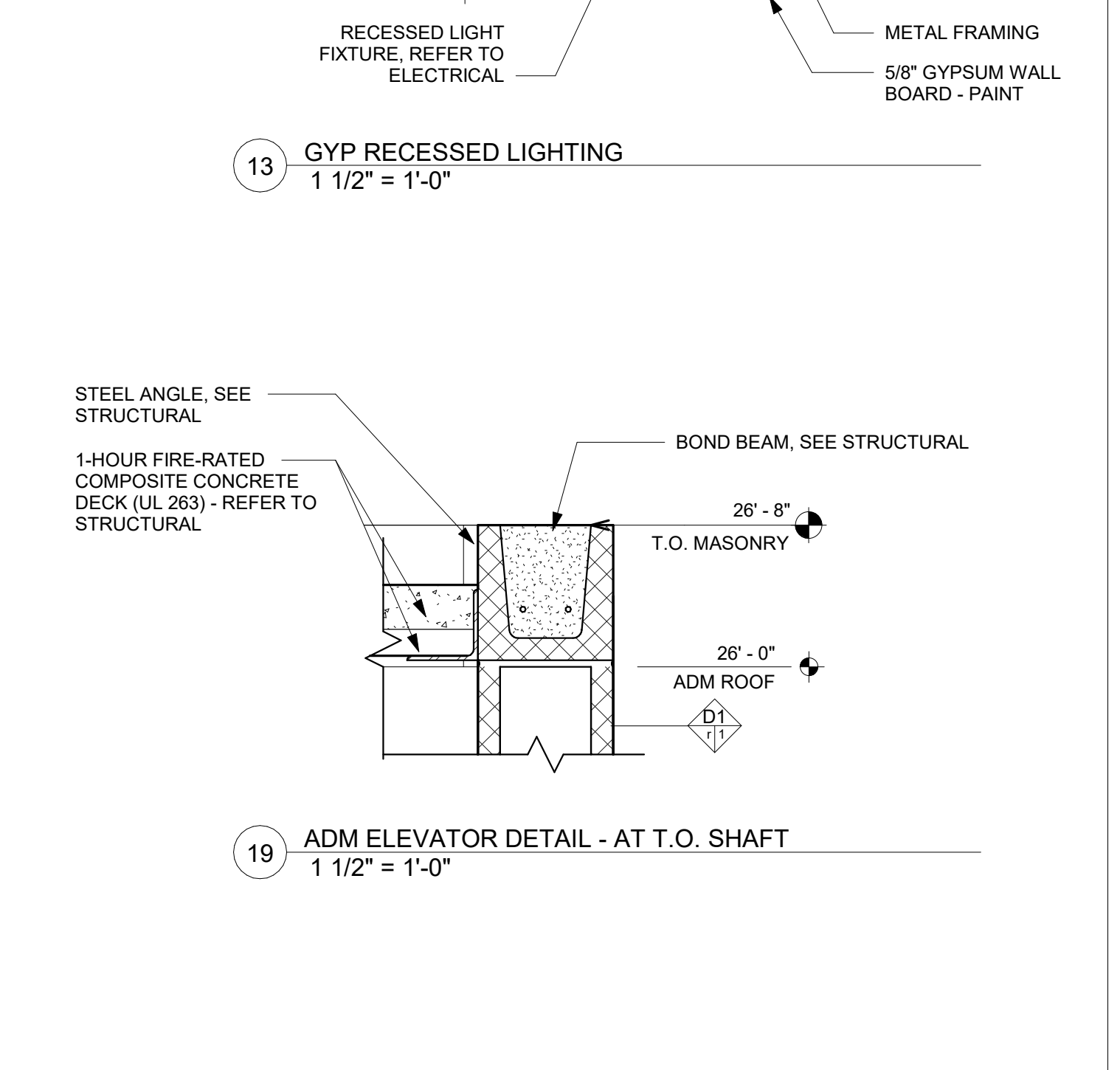
9 GYP TO ACP TRANSITION 2, TYPICAL
1 1/2" = 1'-0"



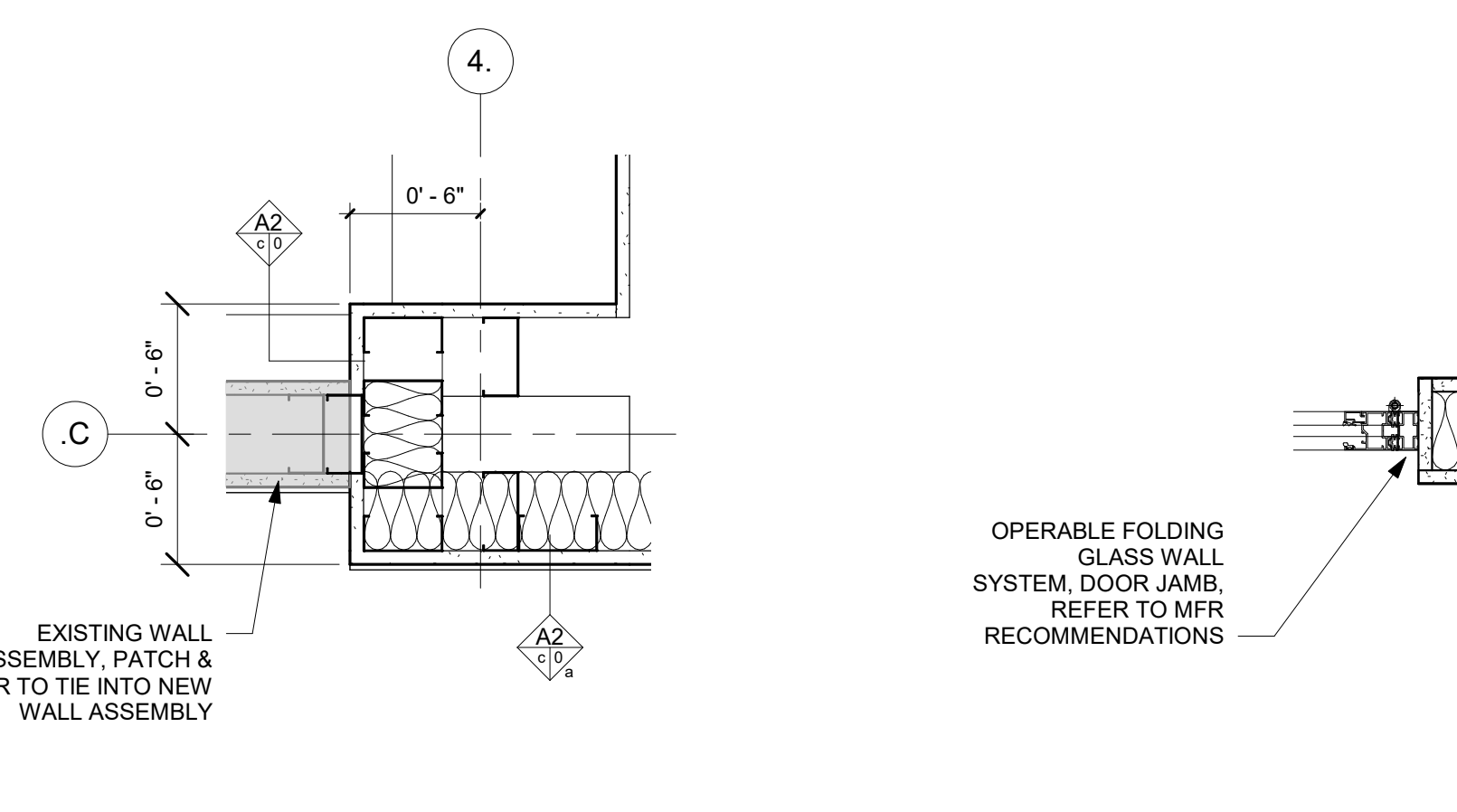
10 GYP TO ACP TRANSITION 3, TYPICAL
1 1/2" = 1'-0"



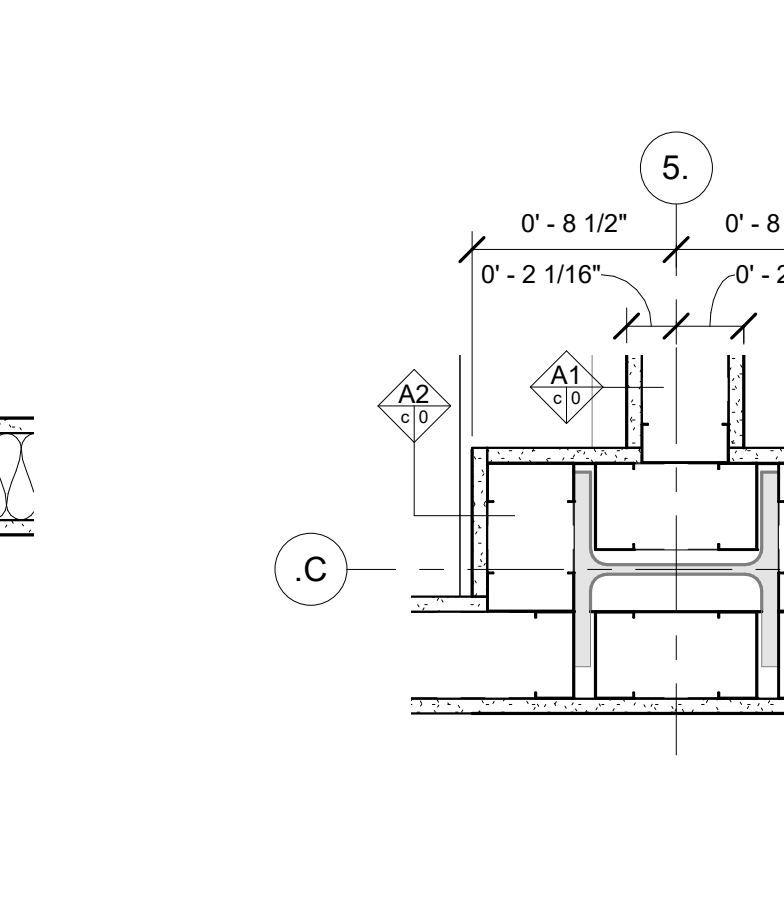
11 SECTION DETAIL - SOLID SURFACE WINDOW SILL
1 1/2" = 1'-0"



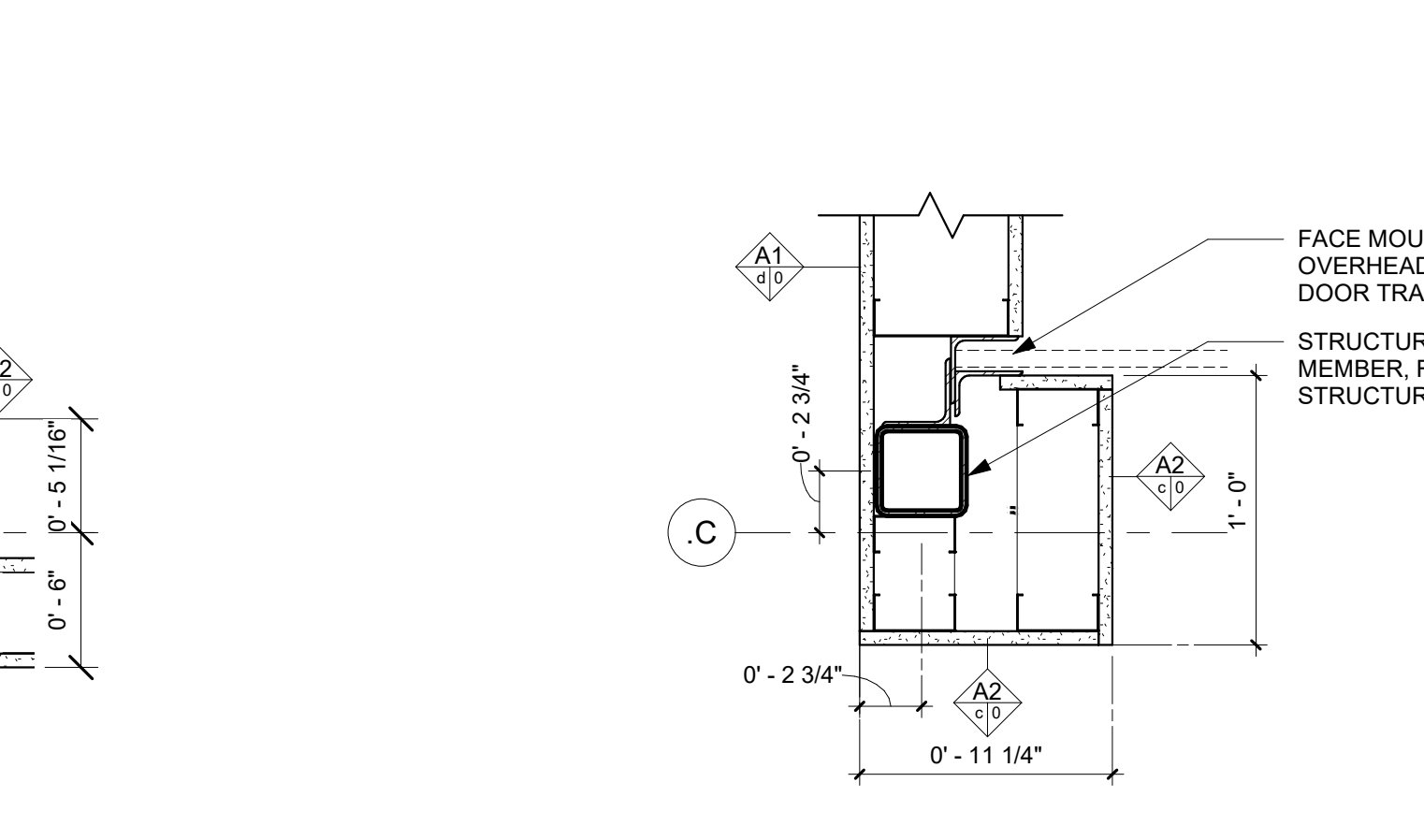
12 ADM ELEVATOR DETAIL - AT T.O. SHAFT
1 1/2" = 1'-0"



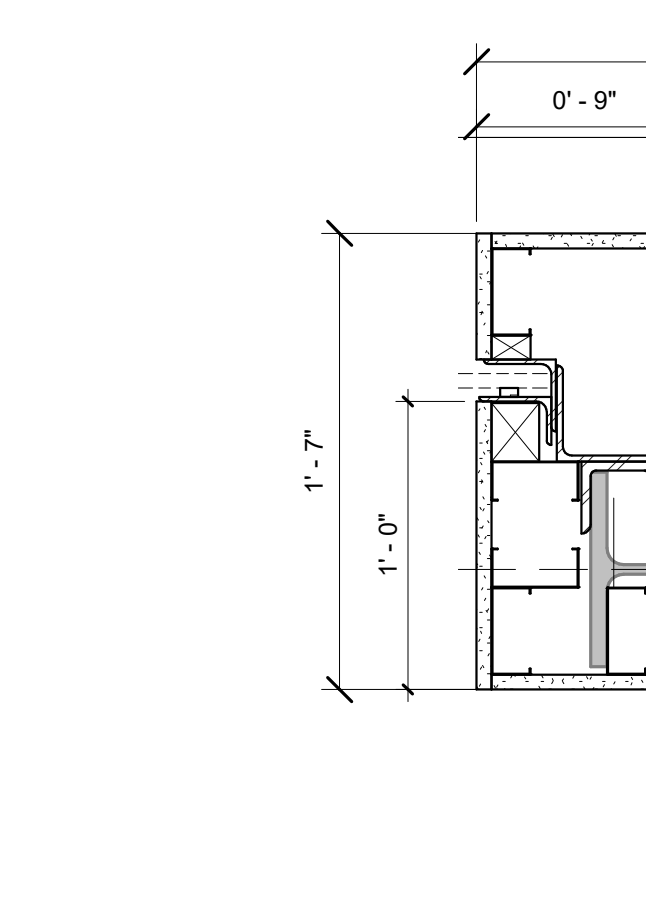
13 PLAN DETAIL
1 1/2" = 1'-0"



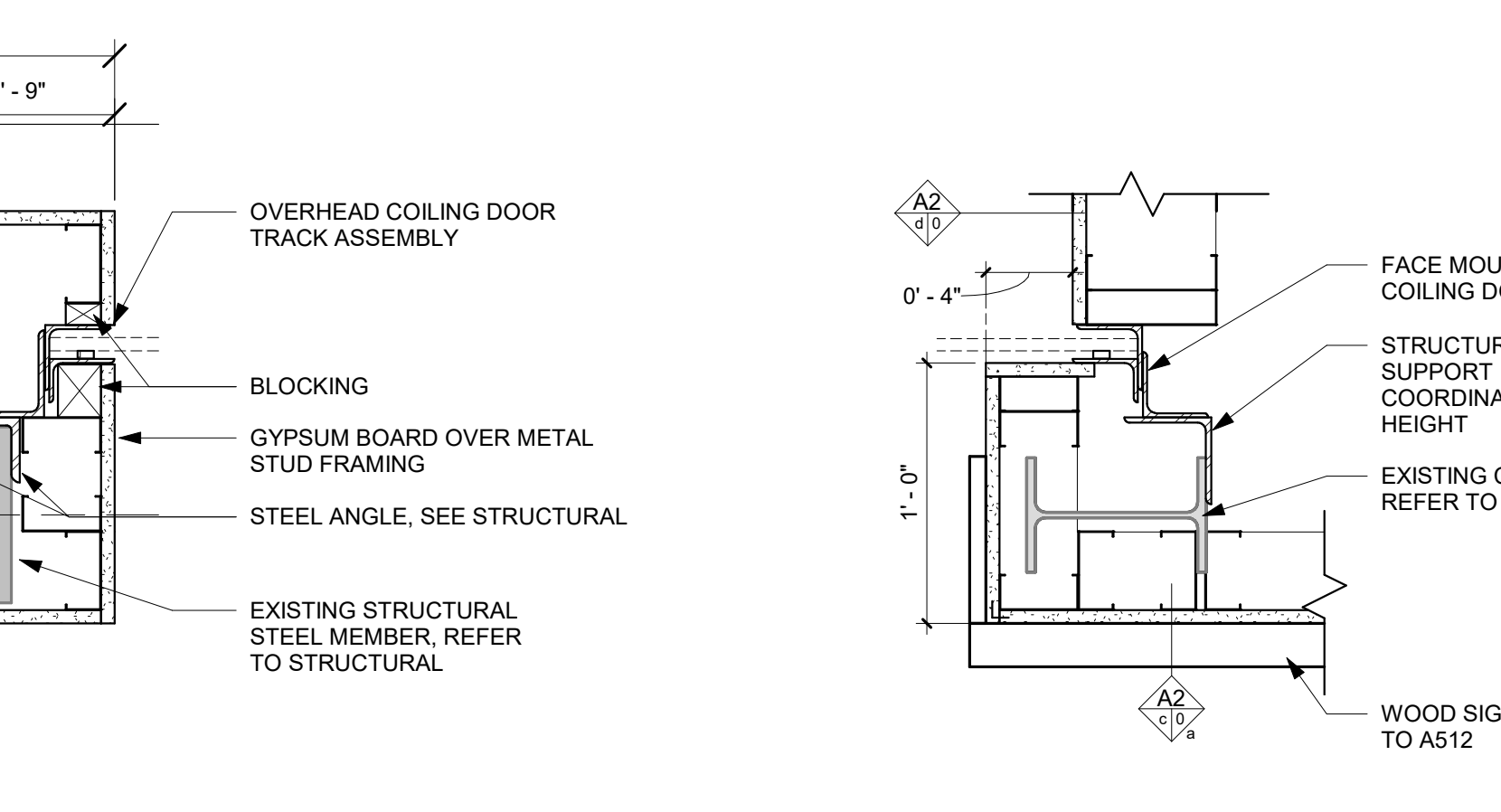
14 PLAN DETAIL
1 1/2" = 1'-0"



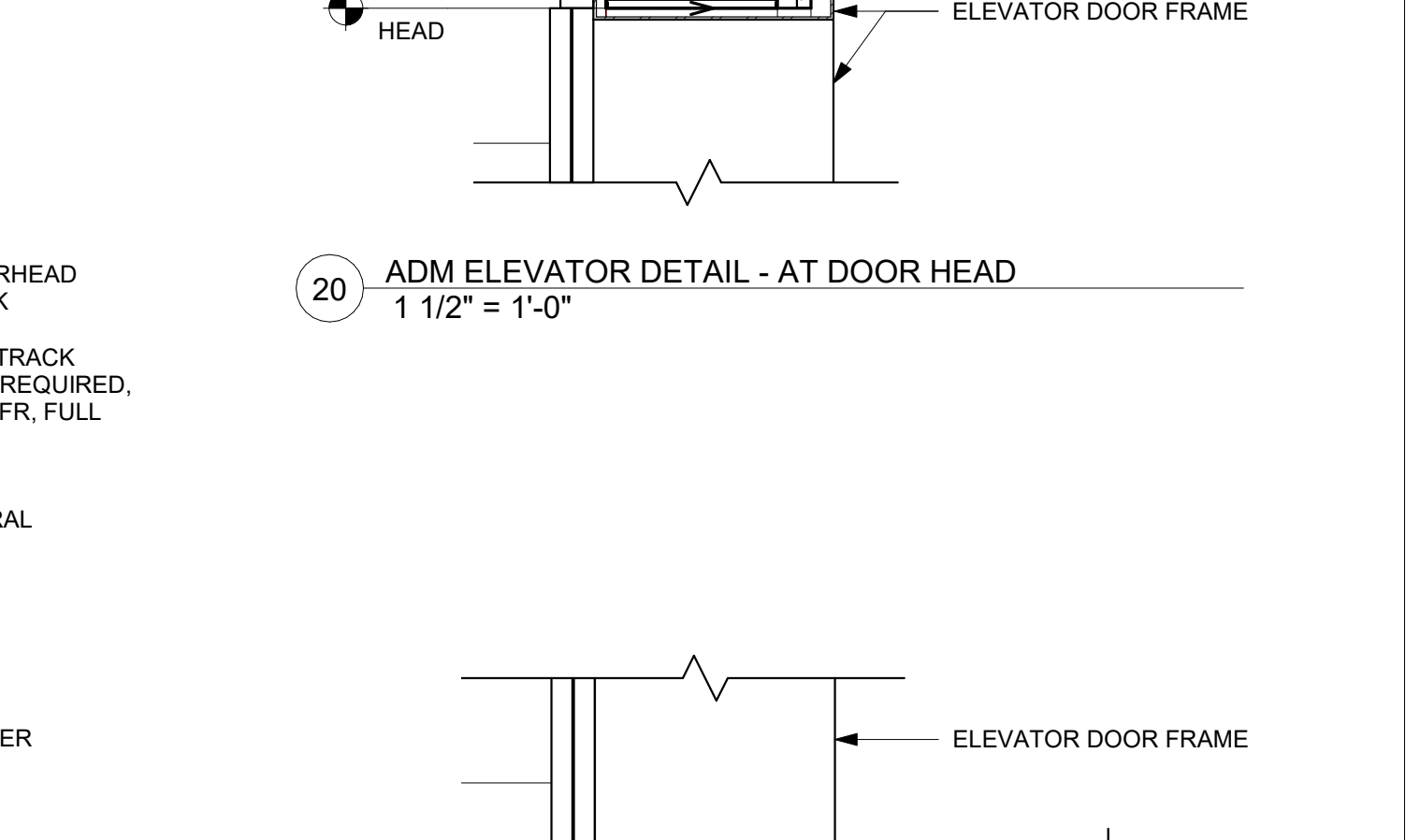
15 PLAN DETAIL - OVERHEAD COILING DOOR JAMB 1
1 1/2" = 1'-0"



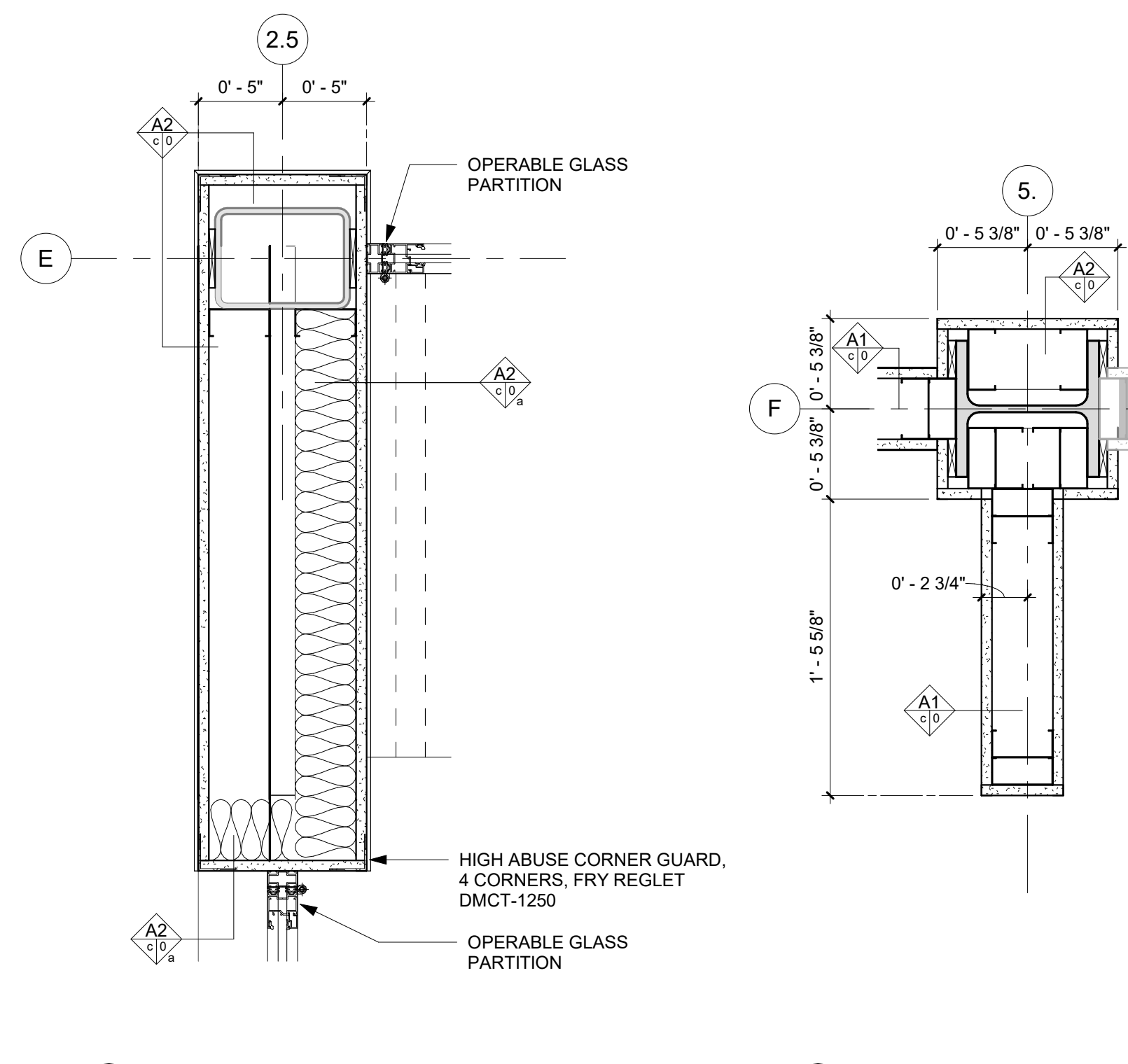
16 PLAN DETAIL - OVERHEAD COILING DOOR JAMB 2
1 1/2" = 1'-0"



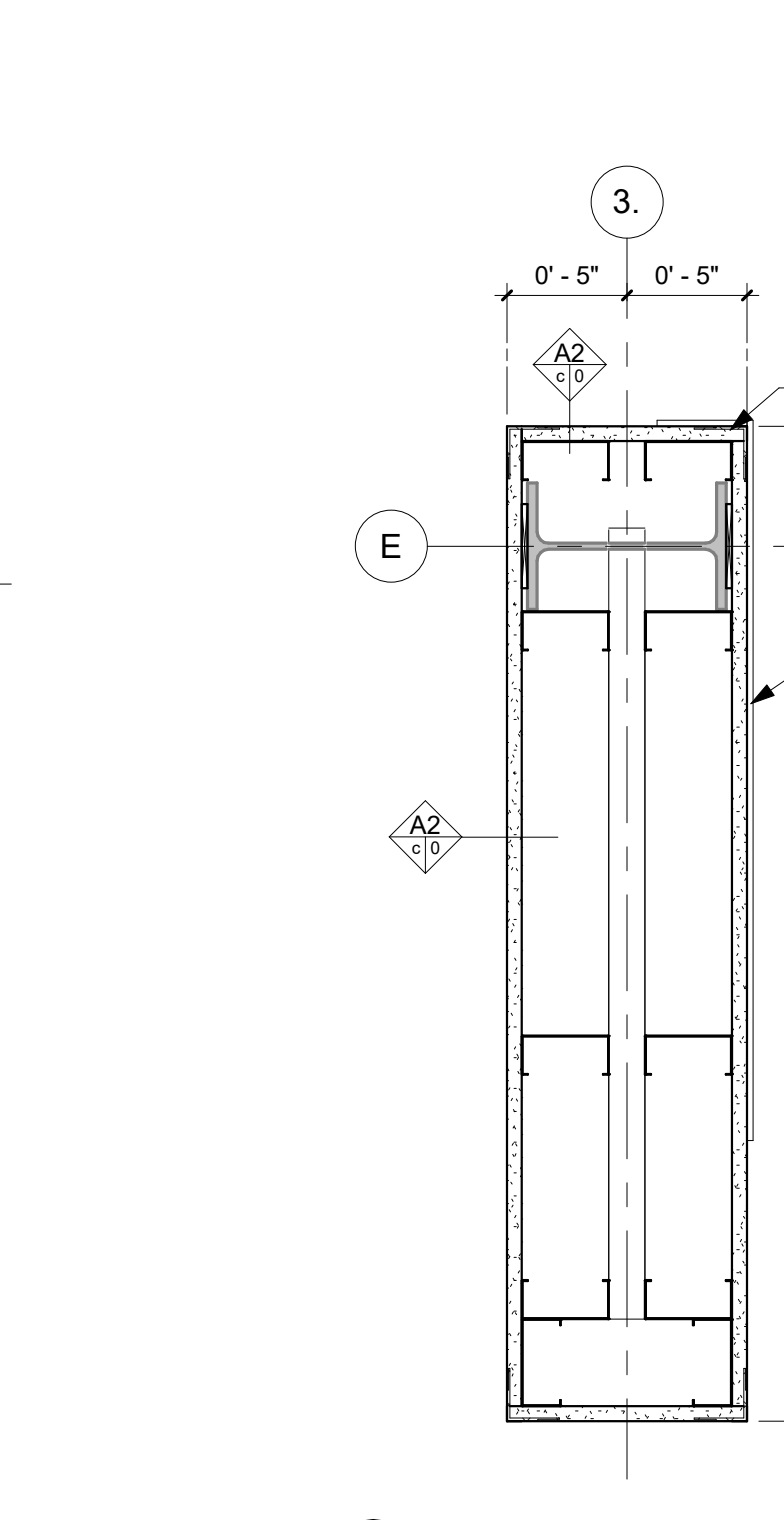
17 PLAN DETAIL - OVERHEAD COILING DOOR JAMB 3
1 1/2" = 1'-0"



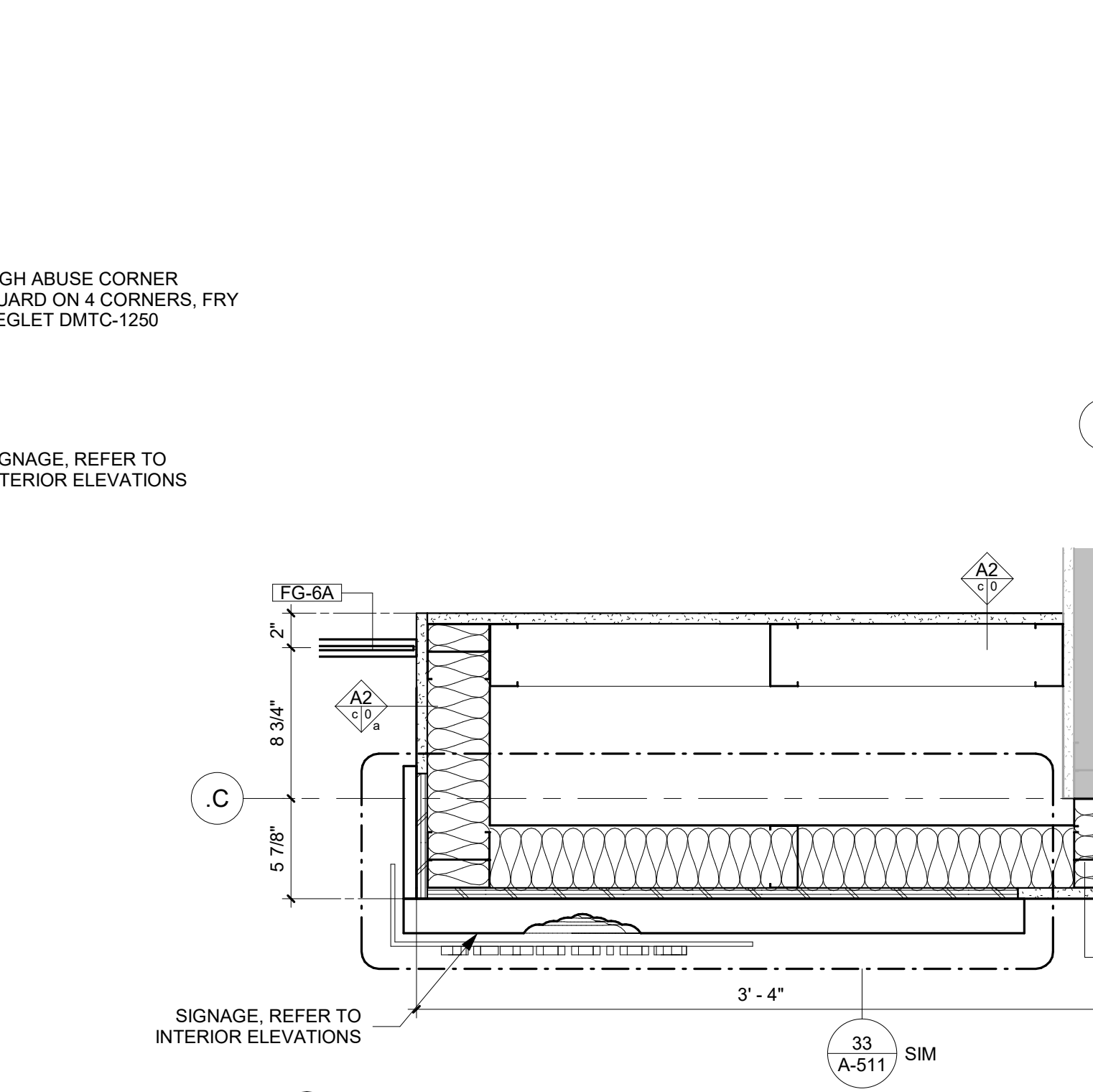
18 ADM ELEVATOR DETAIL - AT DOOR HEAD
1 1/2" = 1'-0"



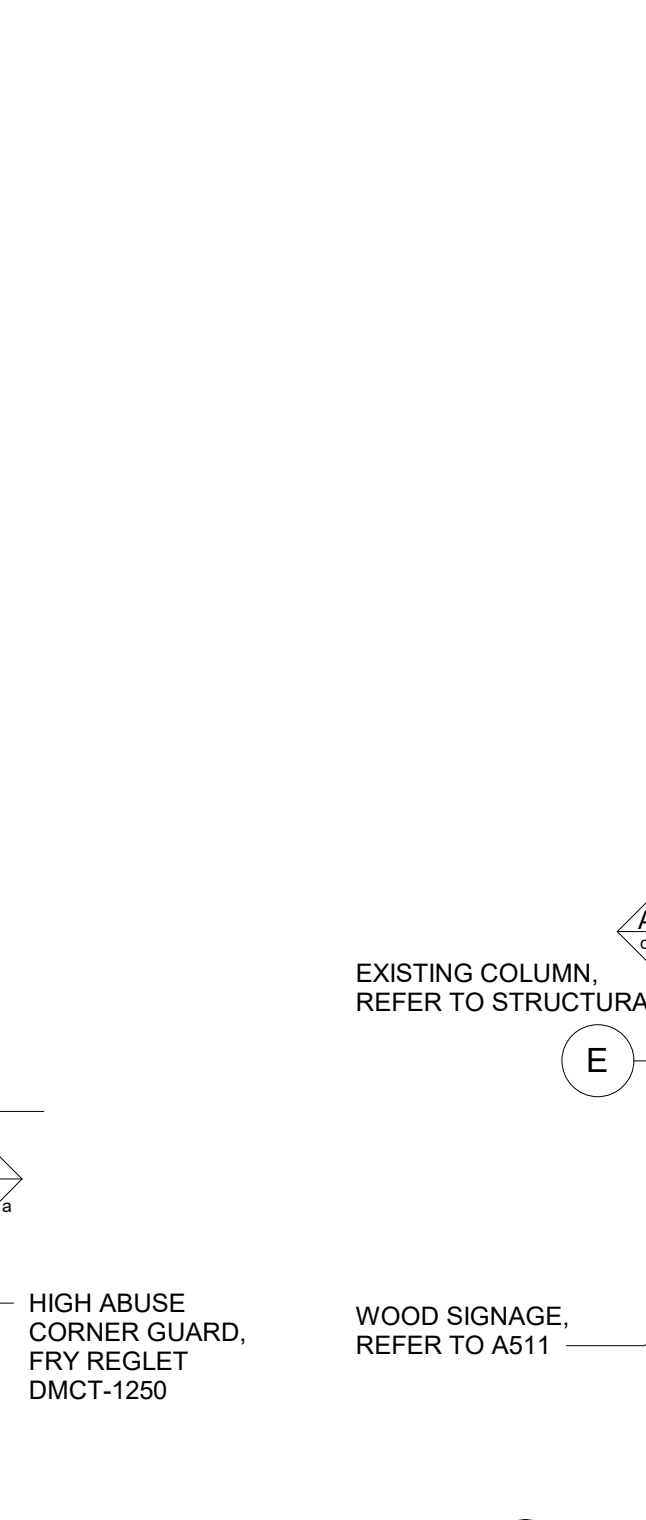
19 PLAN DETAIL
1 1/2" = 1'-0"



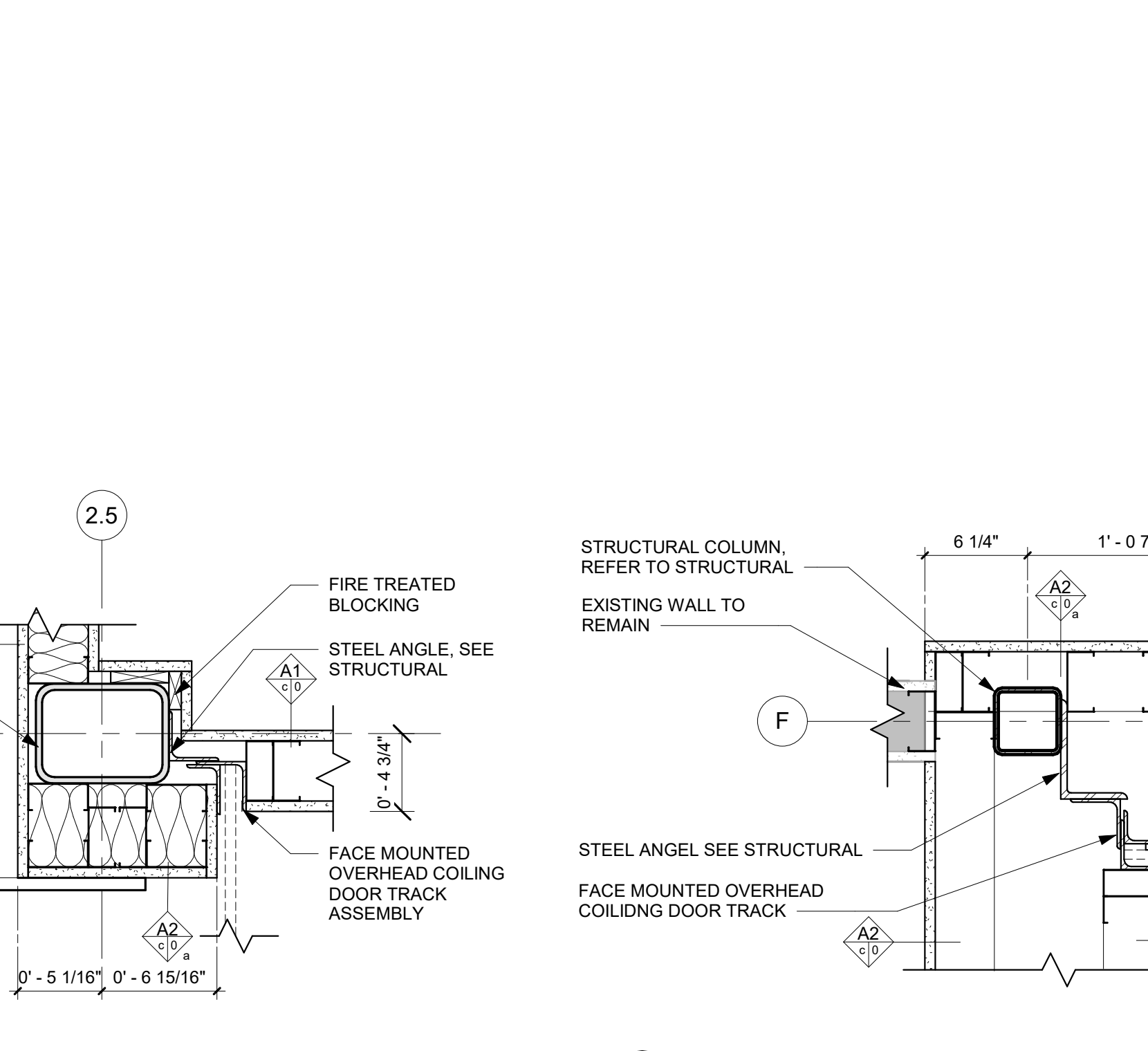
20 PLAN DETAIL
1 1/2" = 1'-0"



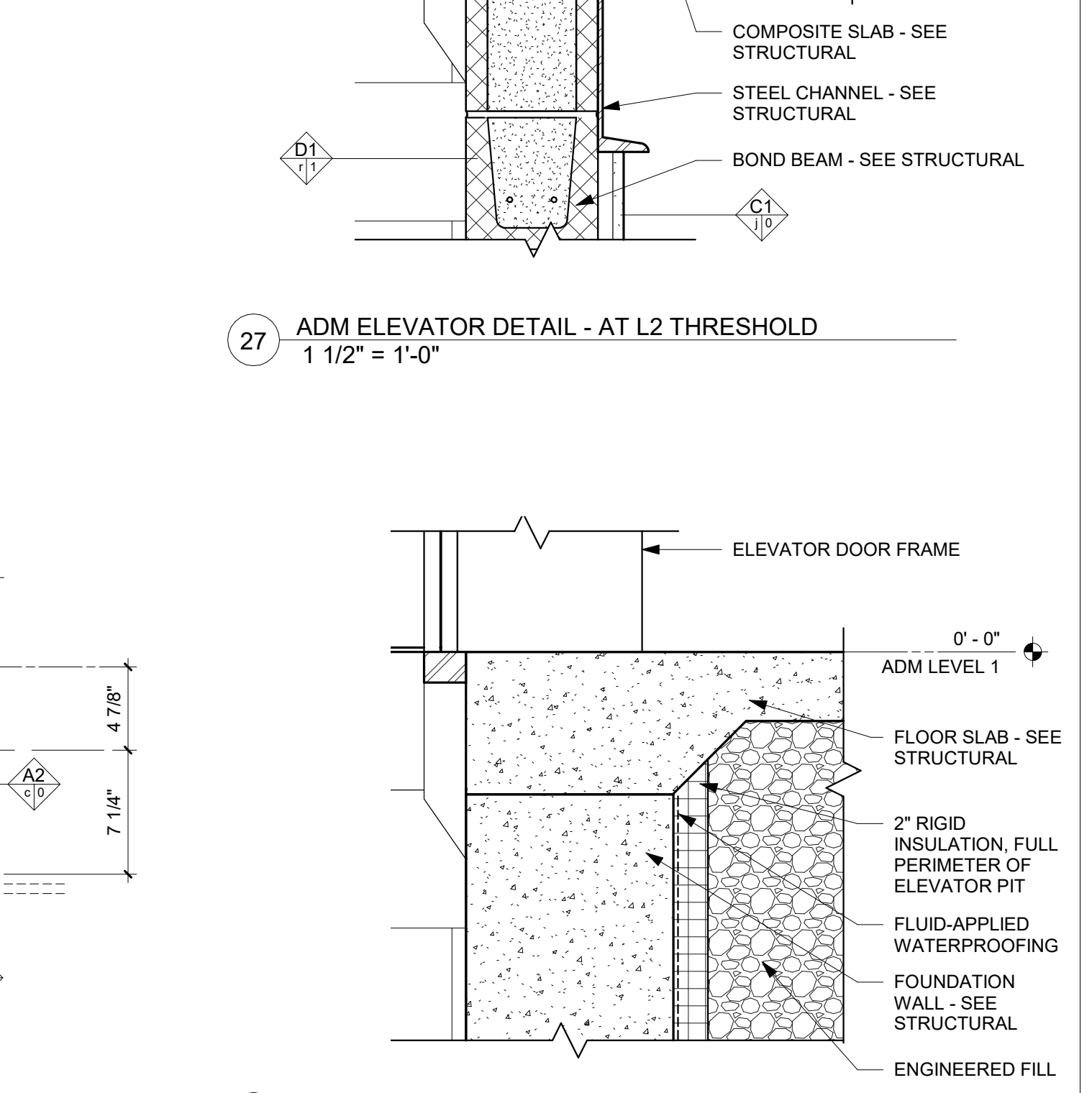
21 PLAN DETAIL
1 1/2" = 1'-0"



22 PLAN DETAIL - OVERHEAD COILING DOOR JAMB 4
1 1/2" = 1'-0"



23 PLAN DETAIL - OVERHEAD COILING DOOR JAMB 5
1 1/2" = 1'-0"



24 ADM ELEVATOR DETAIL - AT L2 THRESHOLD
1 1/2" = 1'-0"



25 PLAN DETAIL
1 1/2" = 1'-0"



26 PLAN DETAIL
1 1/2" = 1'-0"



27 PLAN DETAIL
1 1/2" = 1'-0"



28 PLAN DETAIL - OVERHEAD COILING DOOR JAMB 6
1 1/2" = 1'-0"

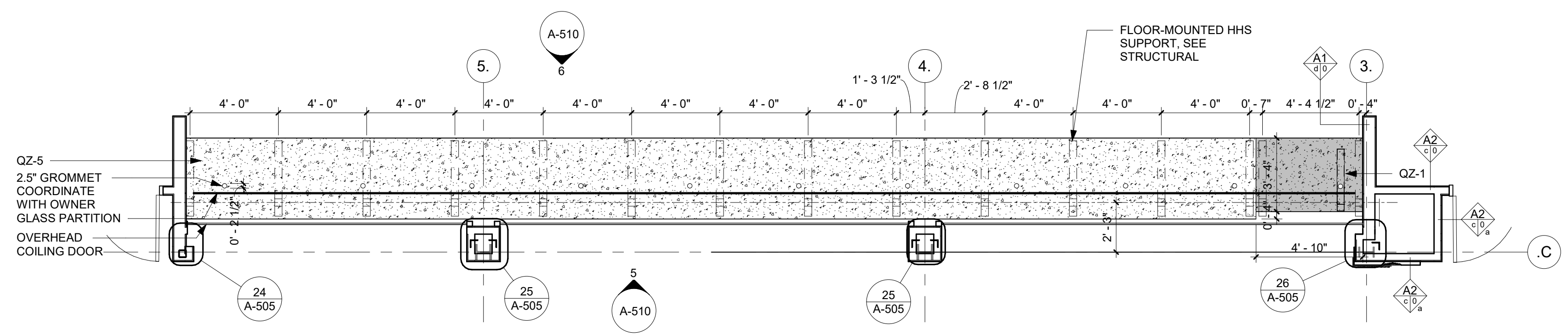


29 PLAN DETAIL - OVERHEAD COILING DOOR JAMB 7
1 1/2" = 1'-0"

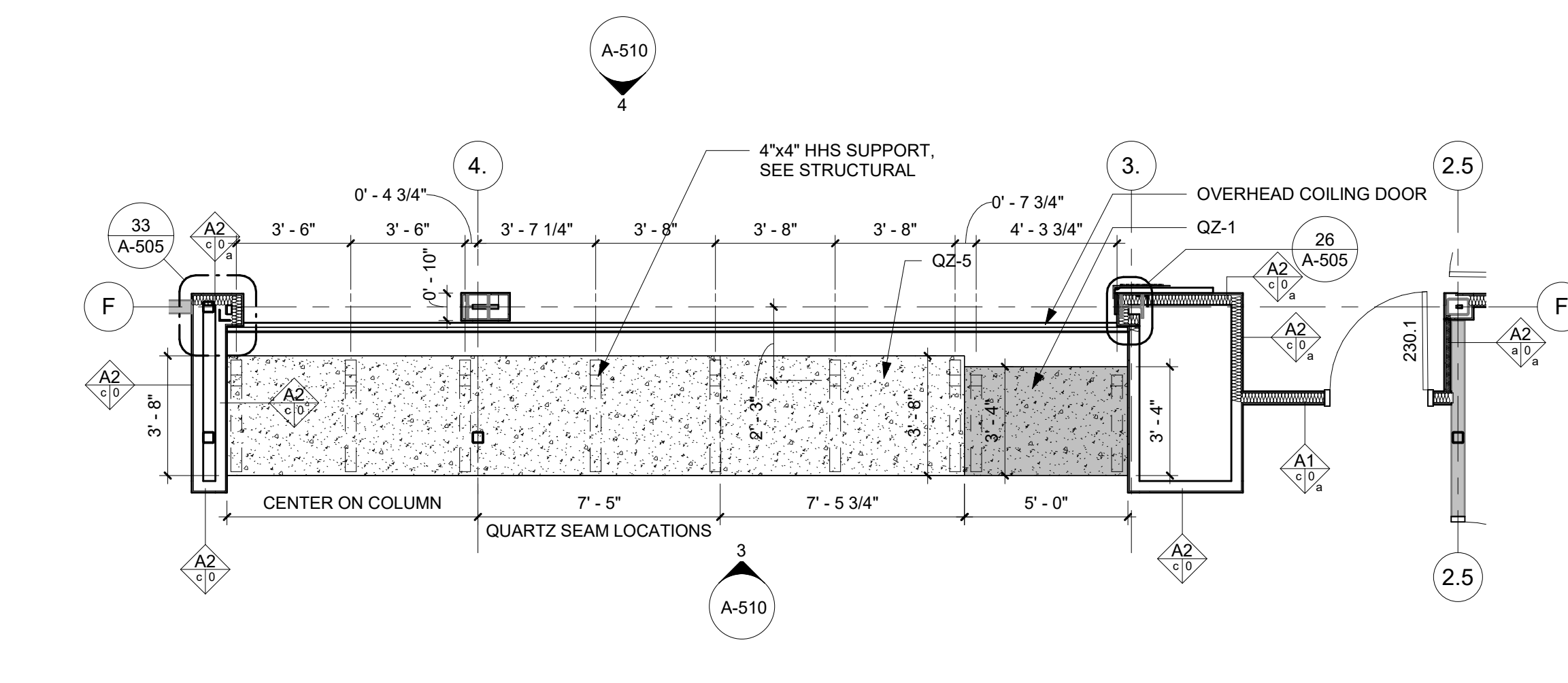


30 ADM ELEVATOR DETAIL - AT FOUNDATION
1 1/2" = 1'-0"

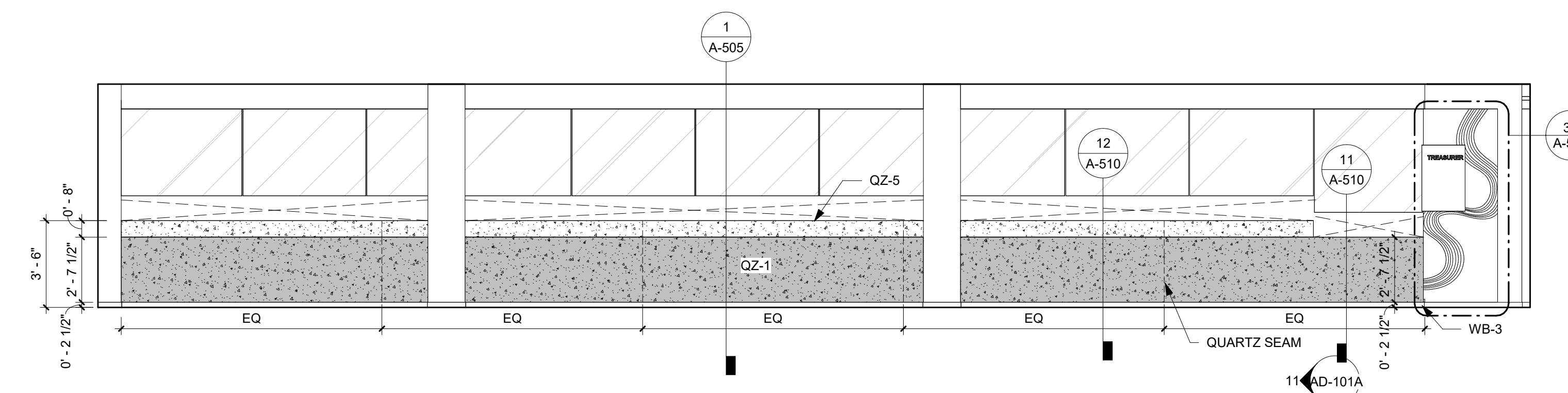
Rev. No.	Description	Date



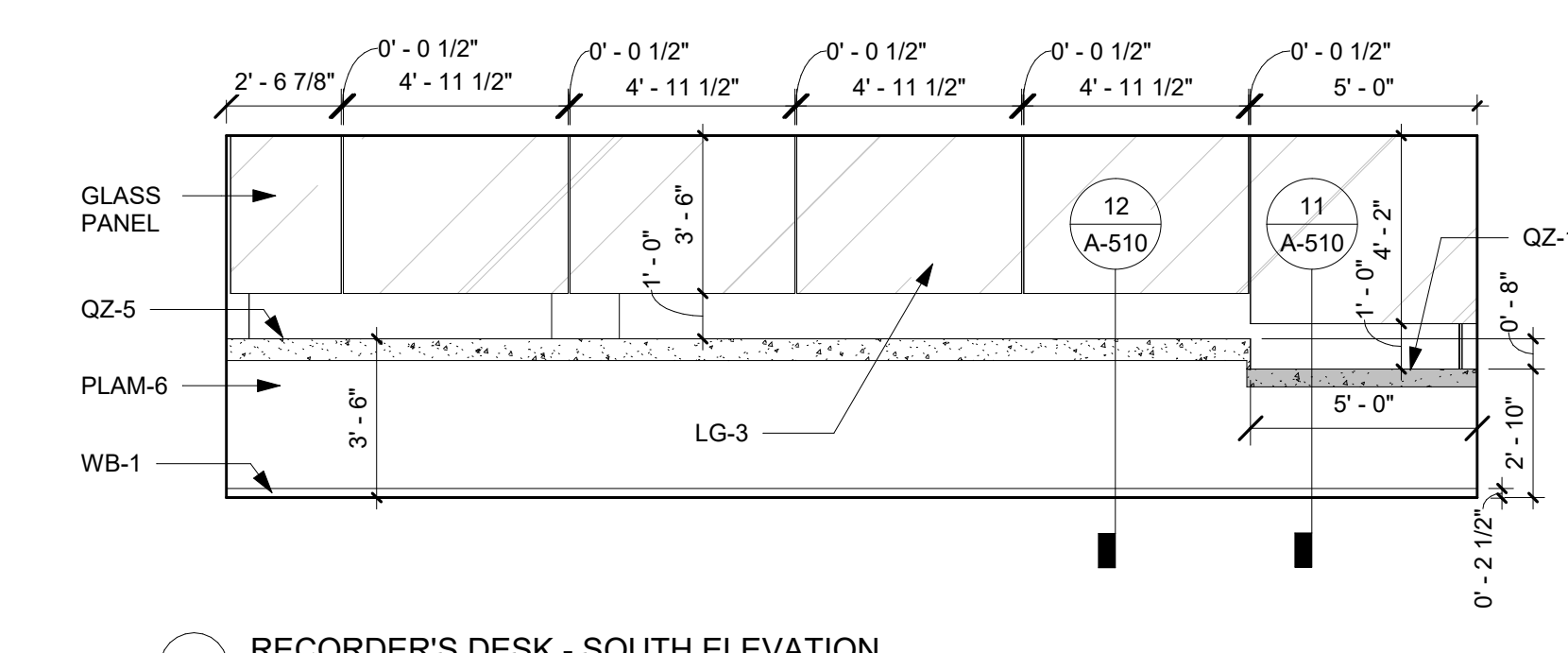
2 ADM - TREASURY DESK
1/4" = 1'-0"



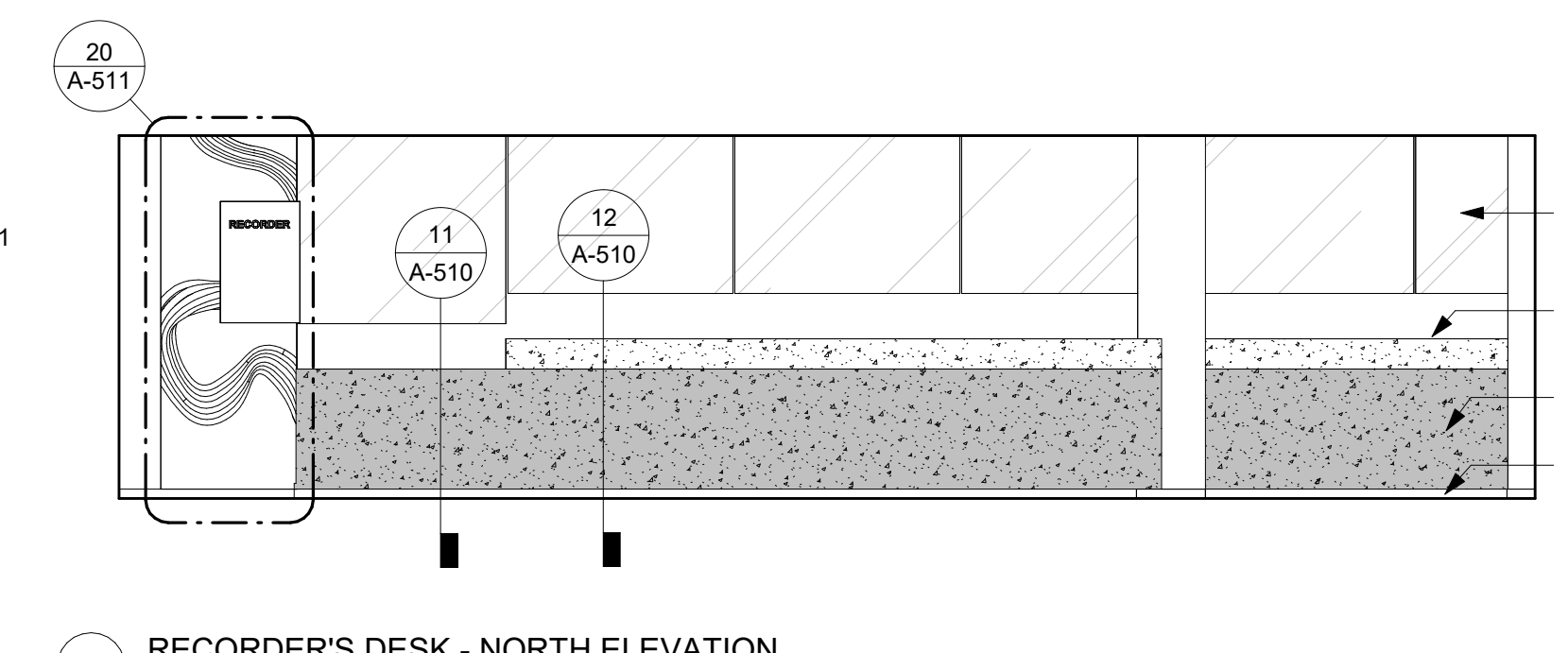
1 ADM - RECORDER DESK
1/4" = 1'-0"



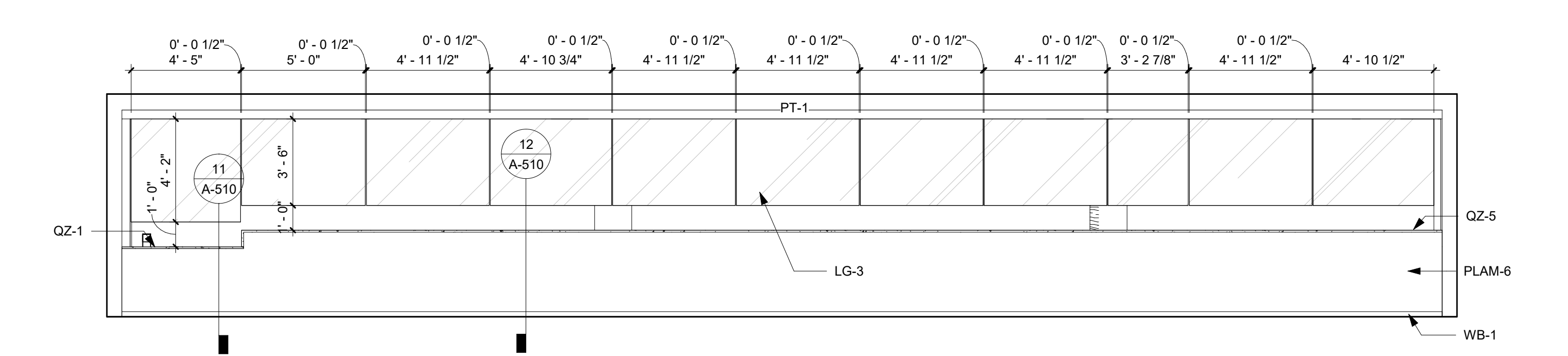
5 TREASURER'S DESK - SOUTH ELEVATION
1/4" = 1'-0"



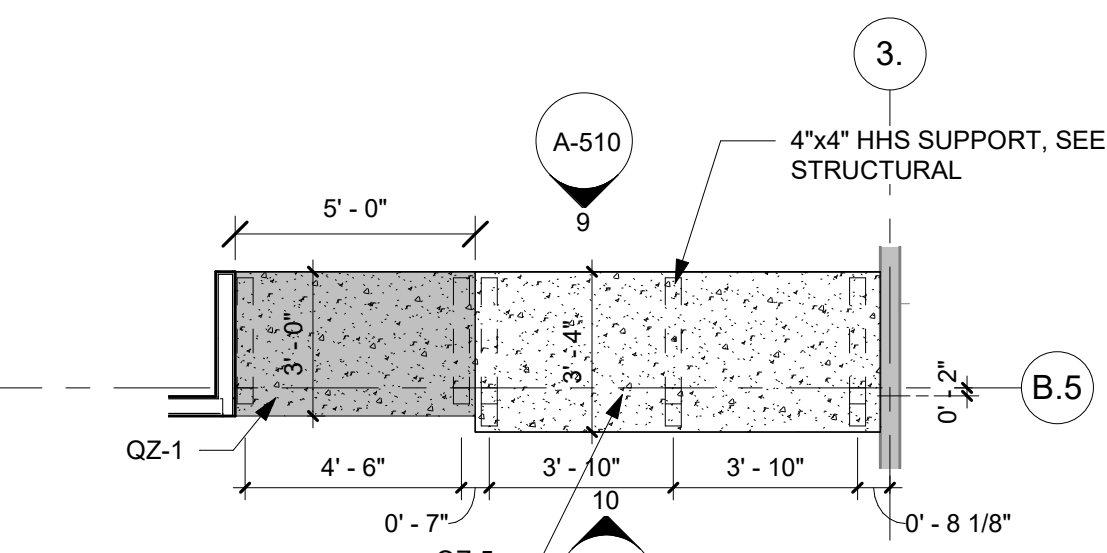
3 RECORDER'S DESK - SOUTH ELEVATION
1/4" = 1'-0"



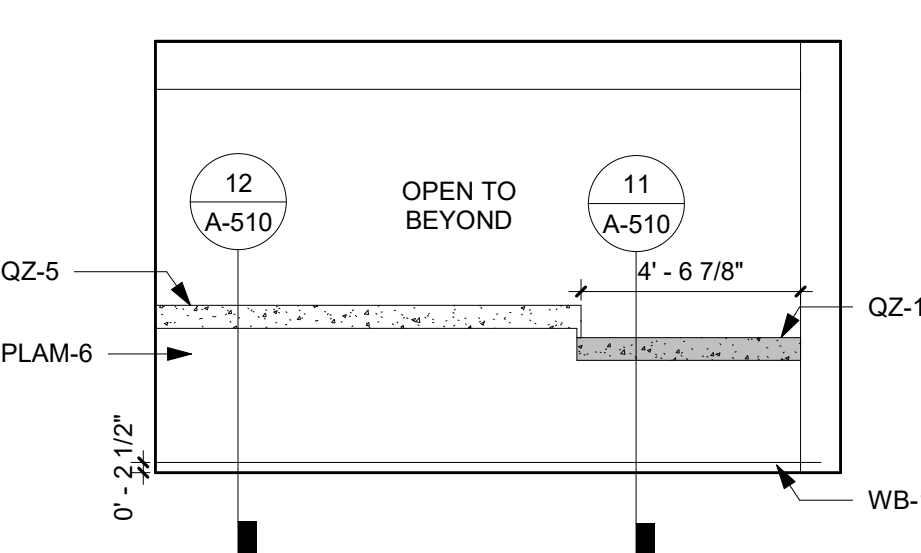
4 RECORDER'S DESK - NORTH ELEVATION
1/4" = 1'-0"



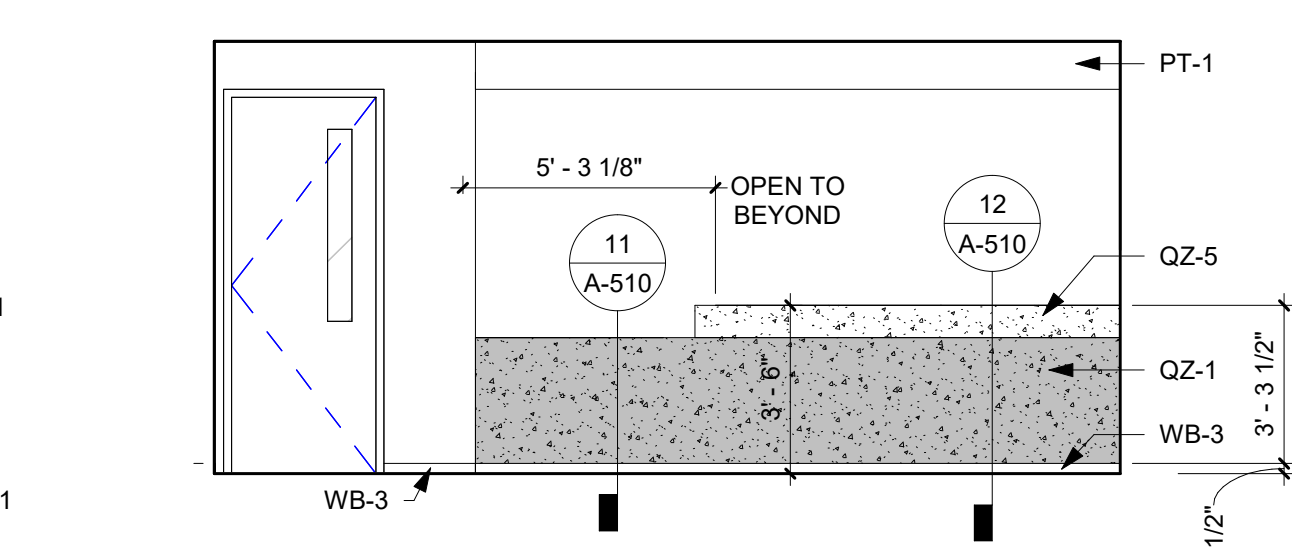
6 TREASURER'S DESK - NORTH ELEVATION
1/4" = 1'-0"



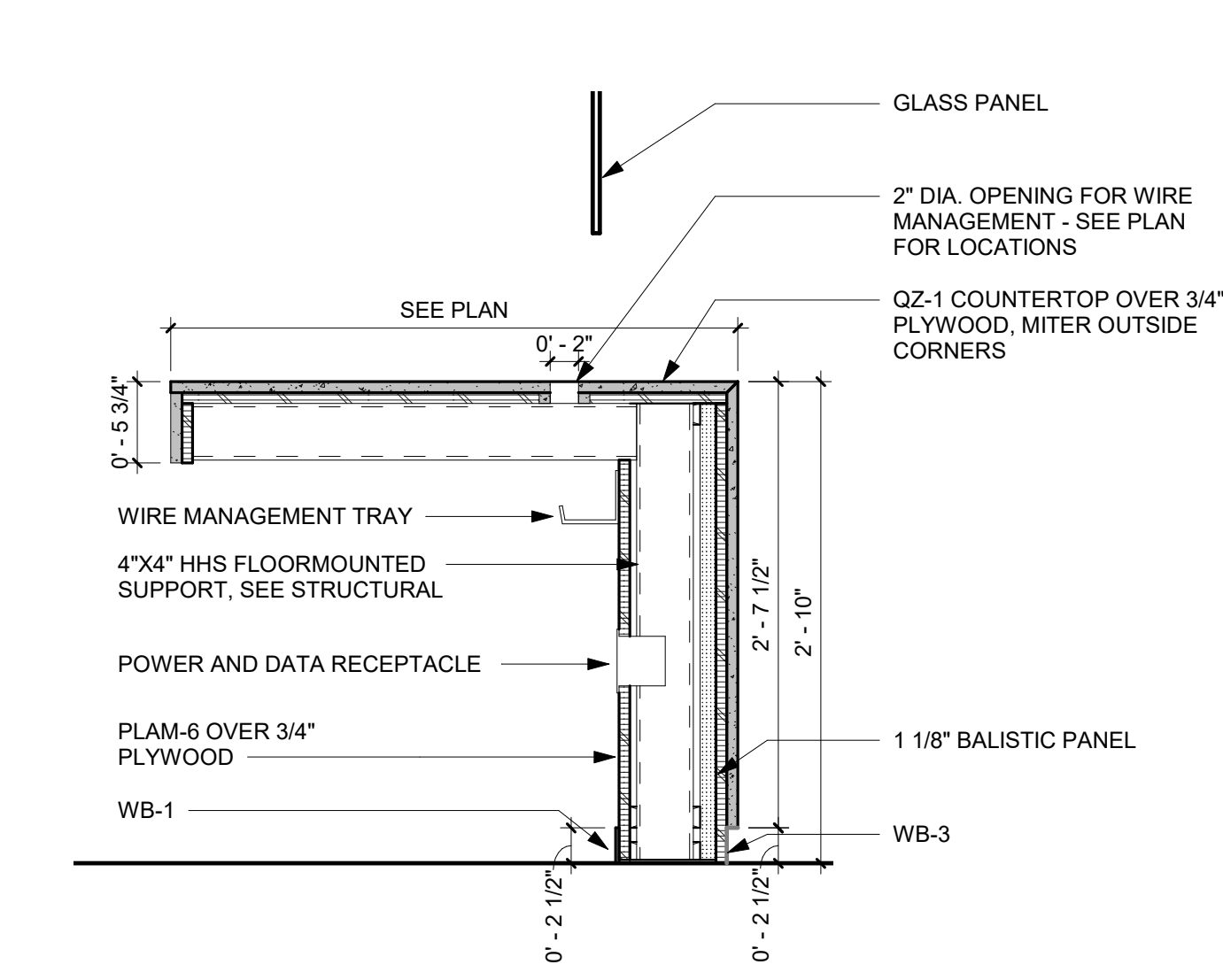
8 250A SERVICE COUNTER ENLARGED PLAN
1/4" = 1'-0"



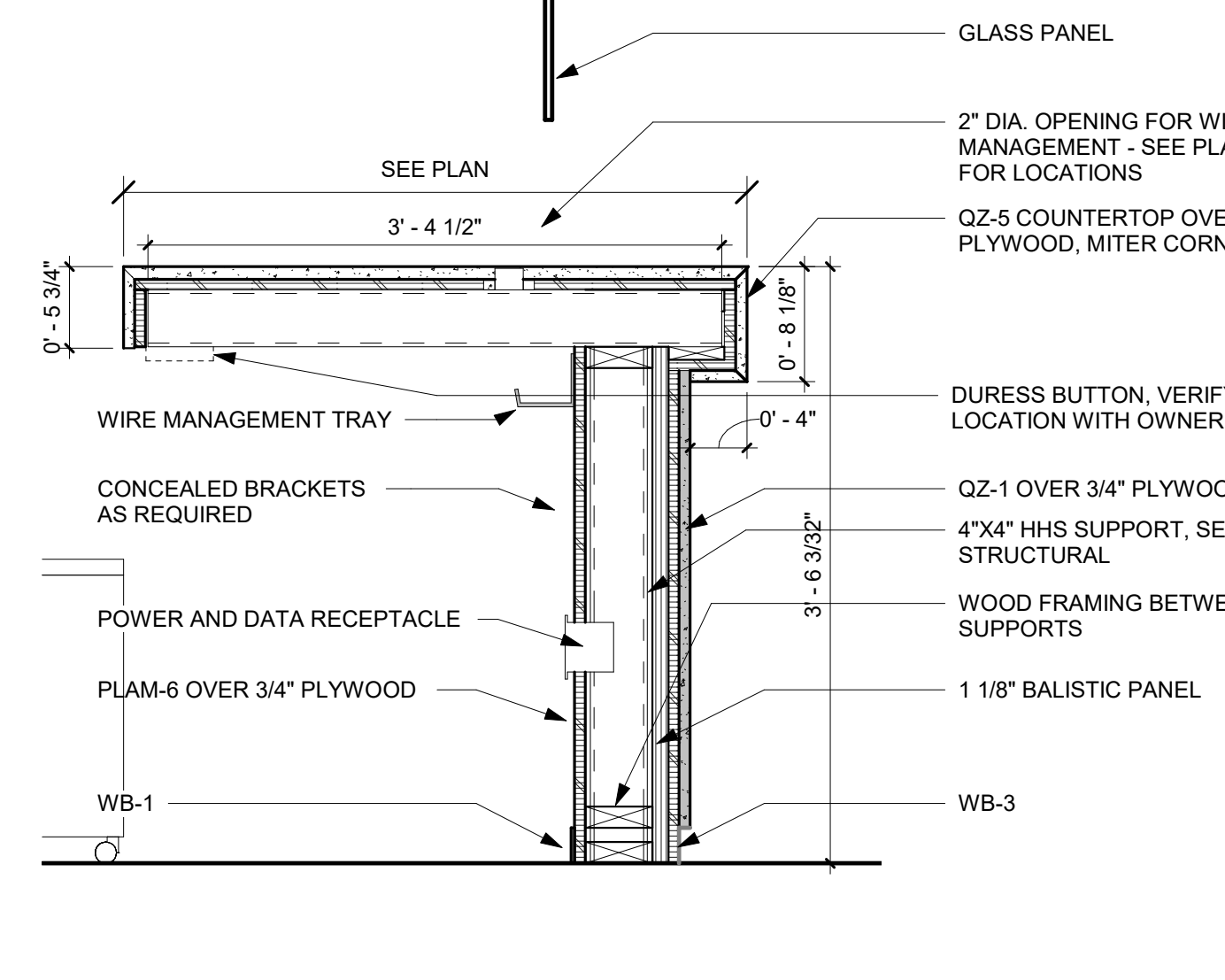
9 RECEPTION 250A DESK - NORTH ELEVATION
1/4" = 1'-0"



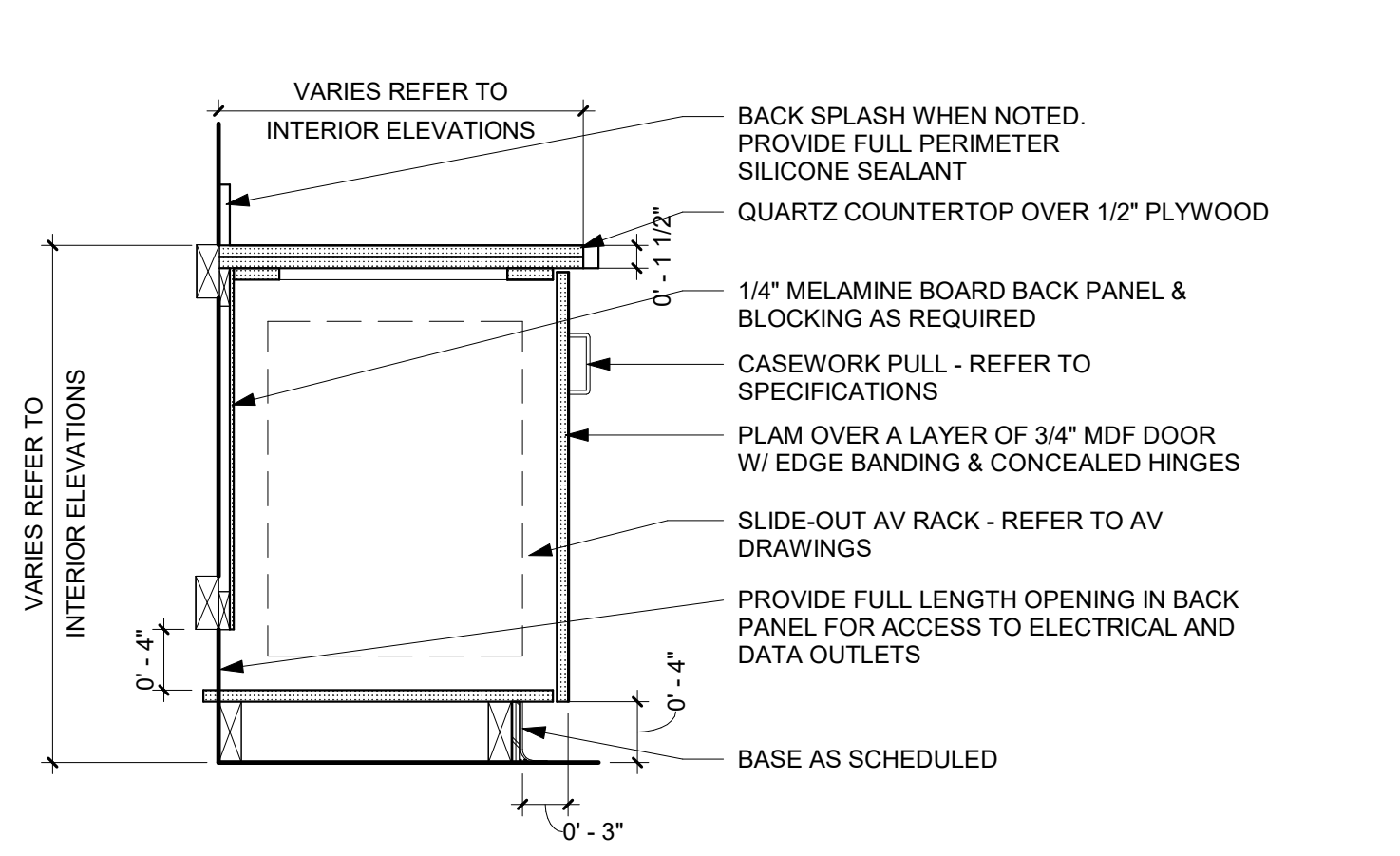
10 RECEPTION 250A DESK - SOUTH ELEVATION
1/4" = 1'-0"



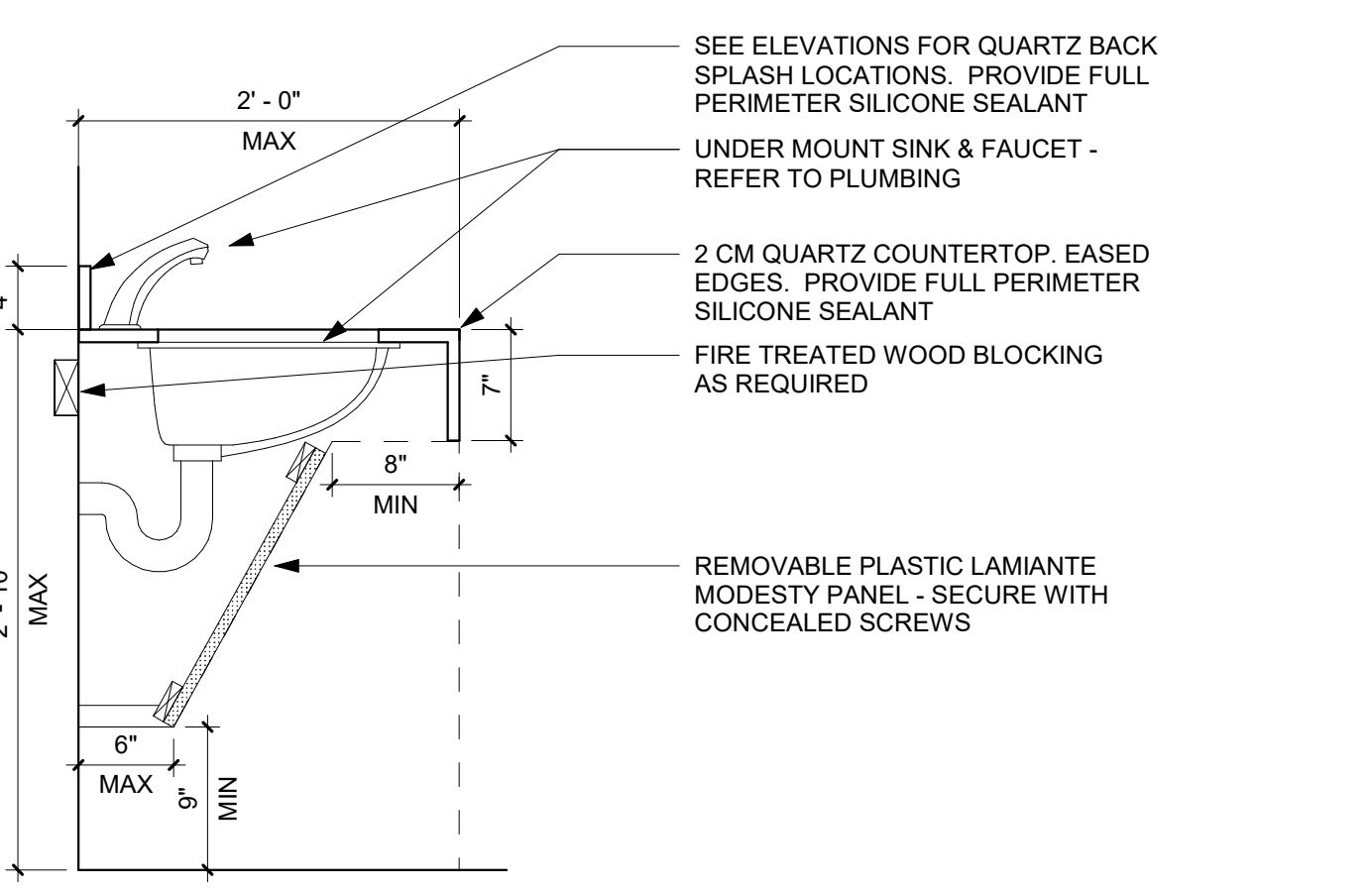
11 CASEWORK SECTION - WORK SURFACE
1" = 1'-0"



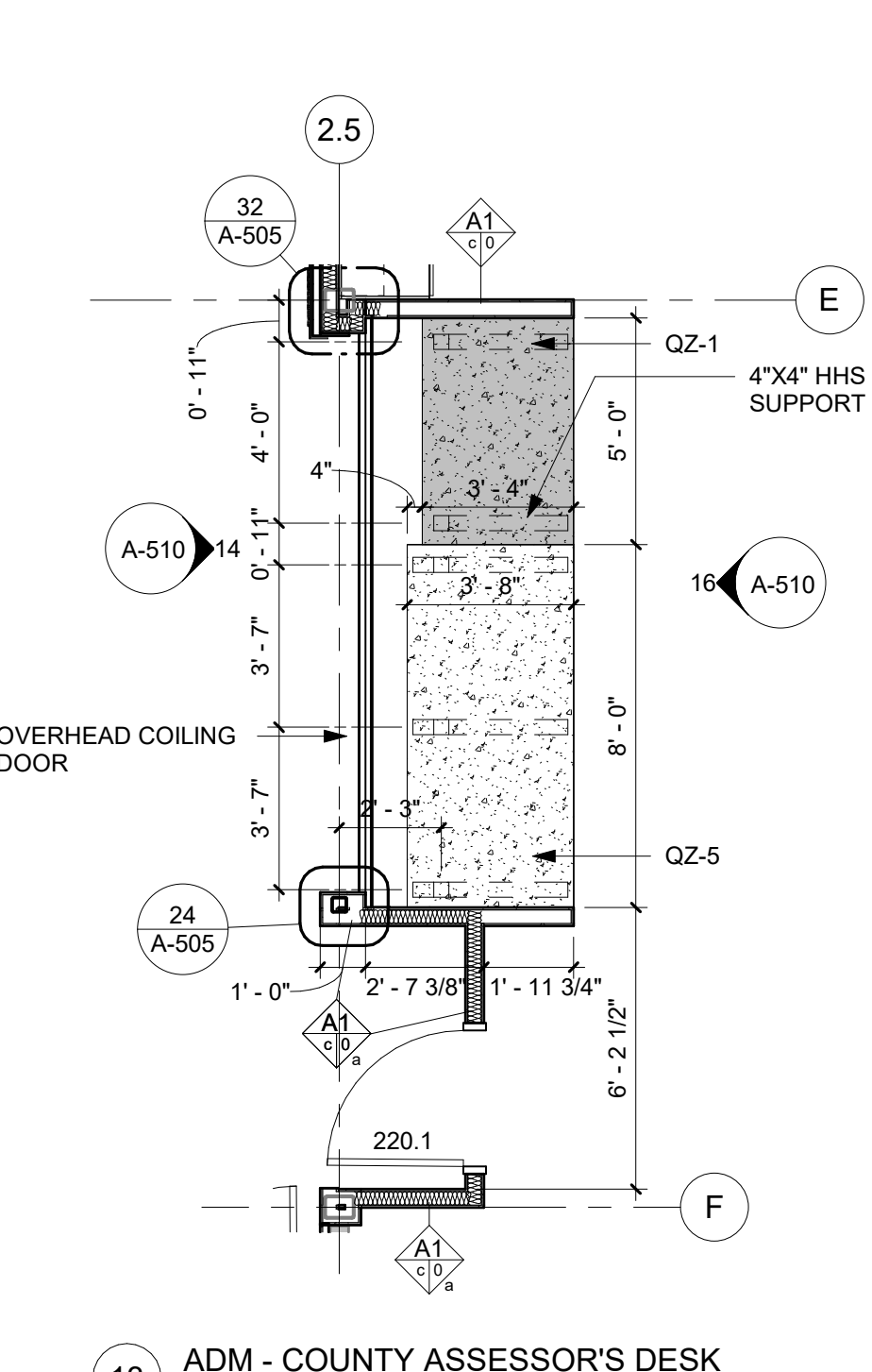
12 CASEWORK SECTION - TRANSACTION
1" = 1'-0"



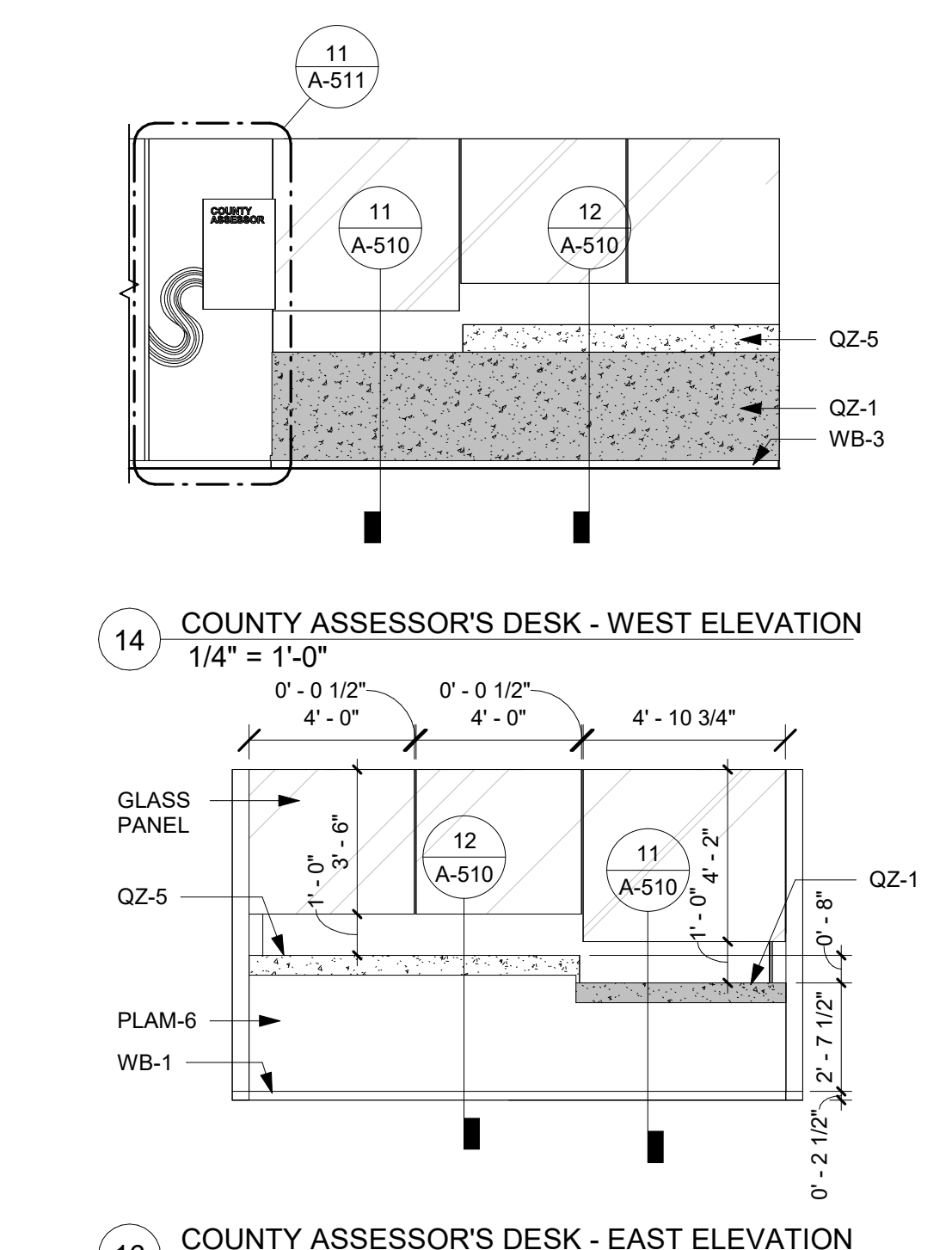
19 CASEWORK SECTION - AV CABINET
1" = 1'-0"



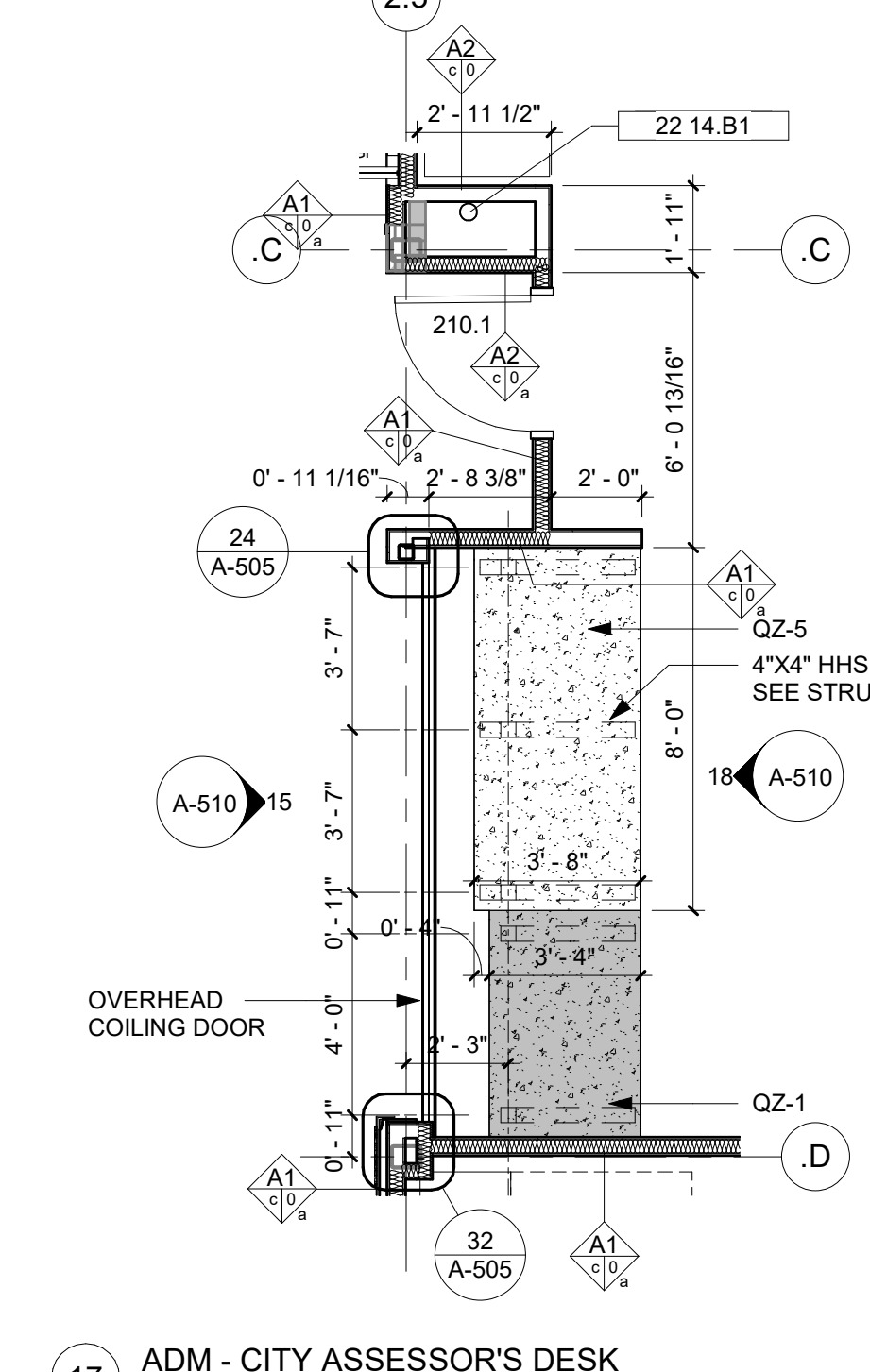
20 CASEWORK SECTION - TYPICAL ADA SINK
1" = 1'-0"



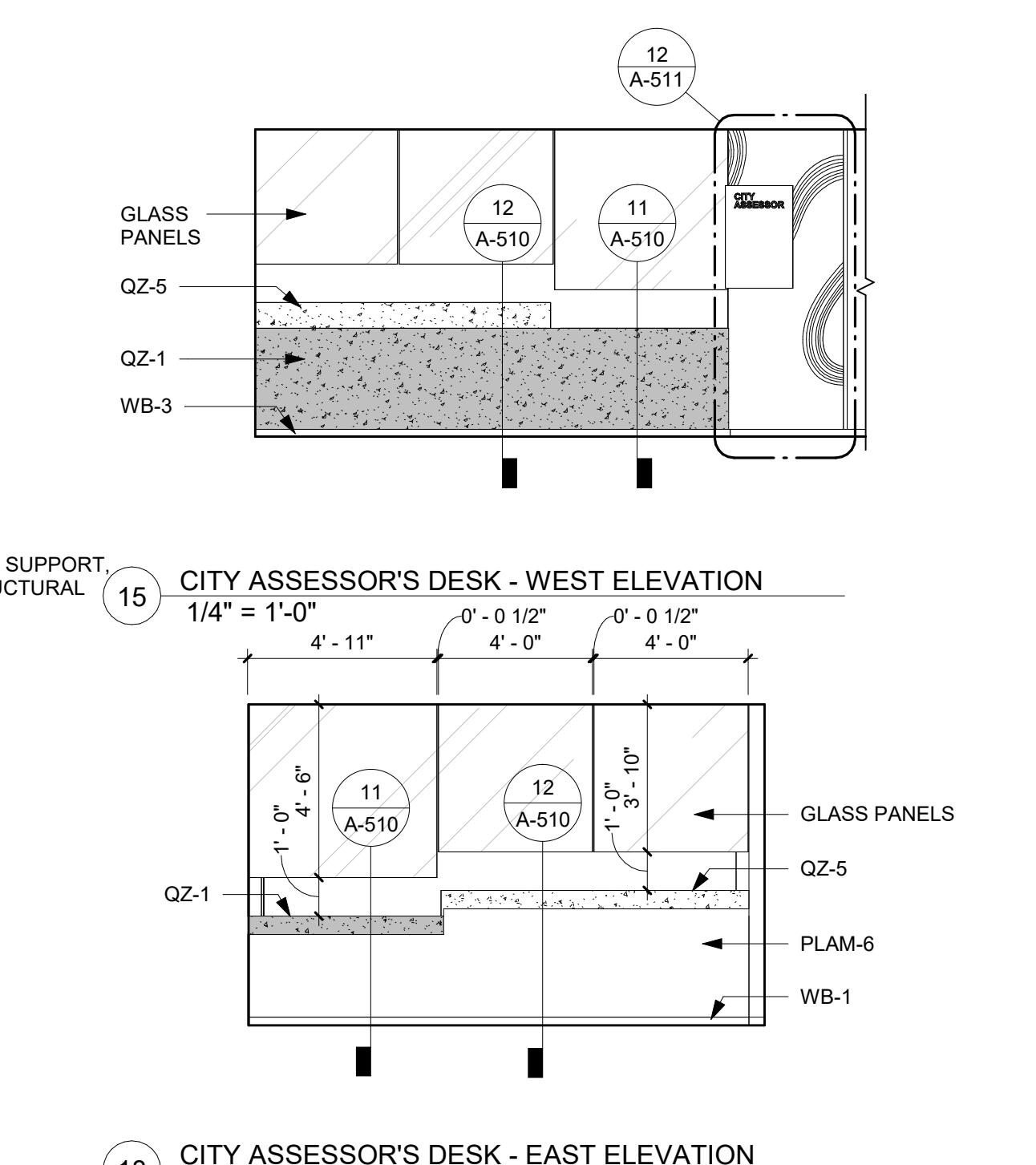
13 ADM - COUNTY ASSESSOR'S DESK
1/4" = 1'-0"



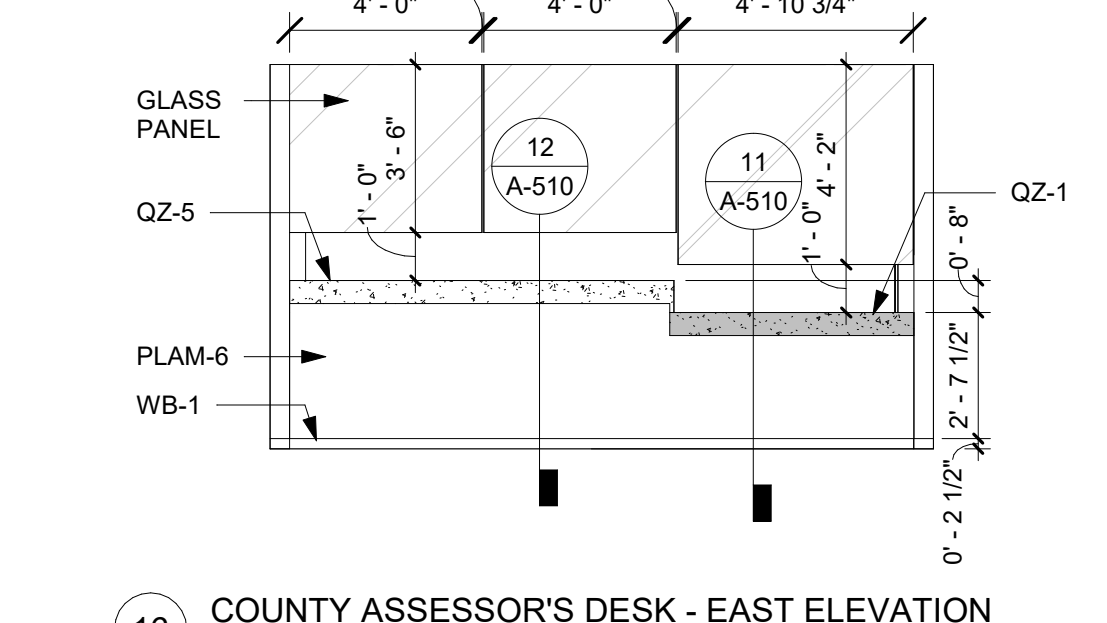
14 COUNTY ASSESSOR'S DESK - WEST ELEVATION
1/4" = 1'-0"



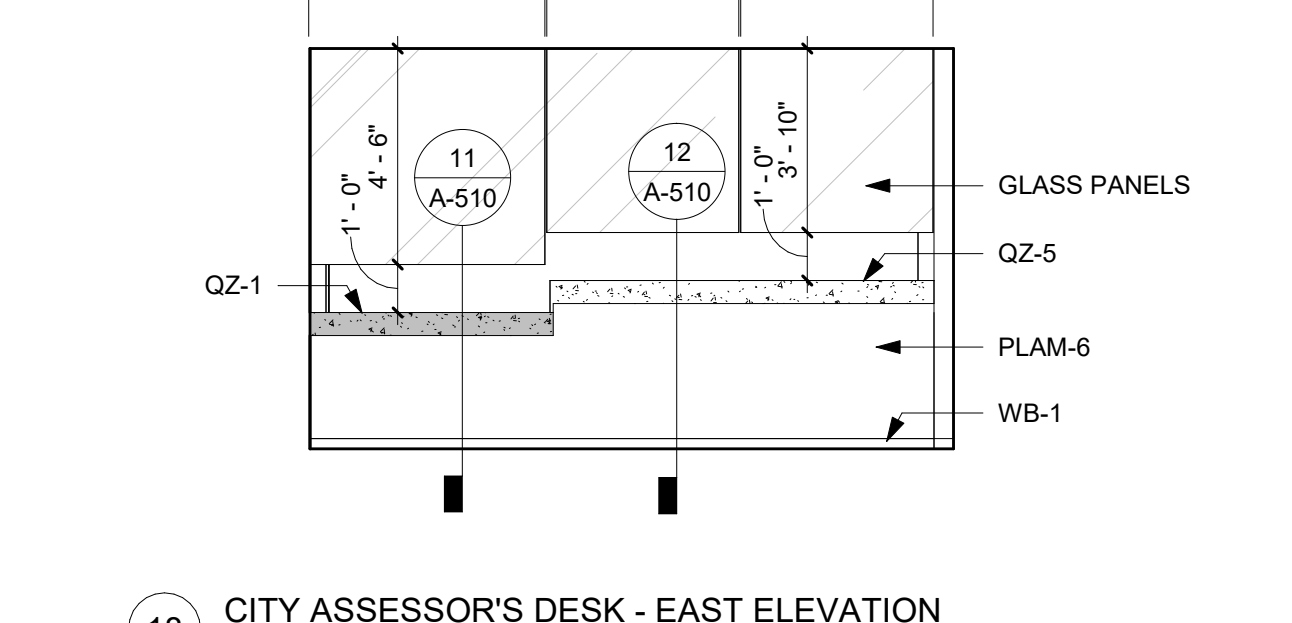
17 ADM - CITY ASSESSOR'S DESK
1/4" = 1'-0"



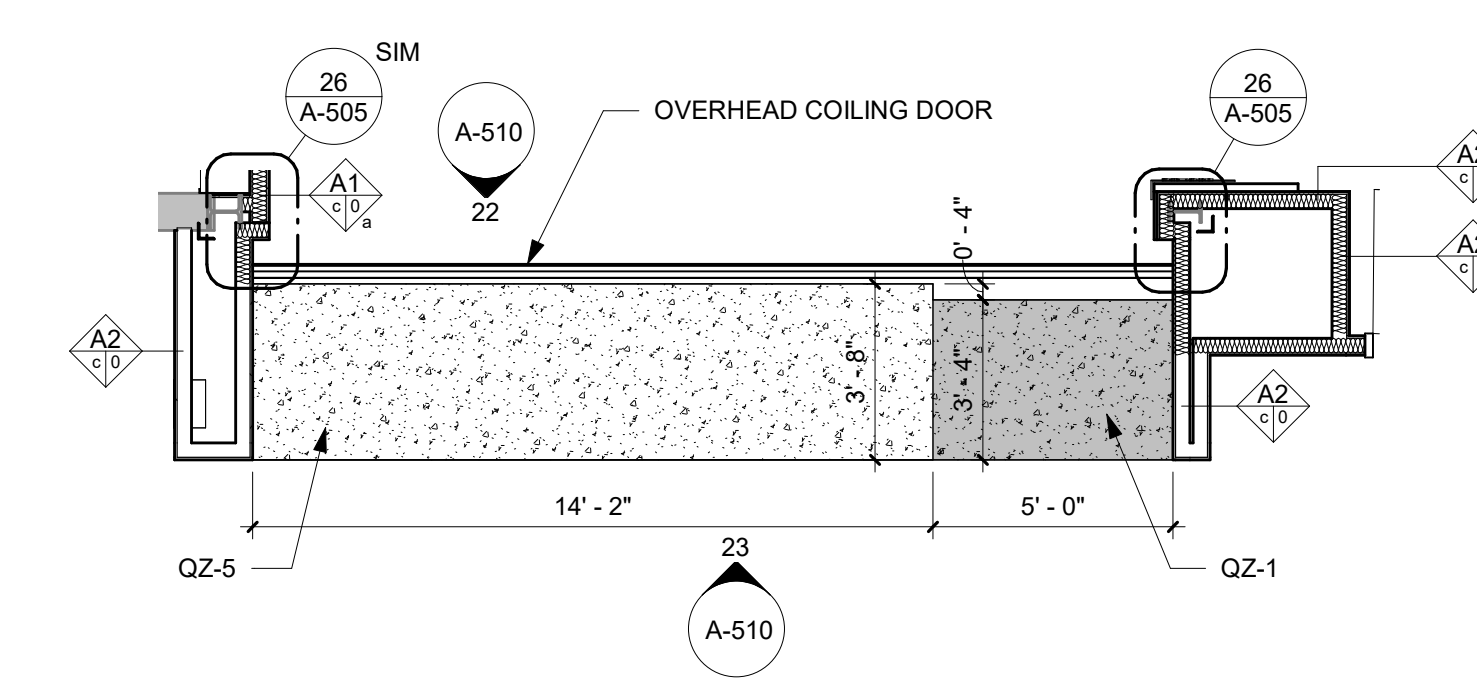
15 CITY ASSESSOR'S DESK - WEST ELEVATION
1/4" = 1'-0"



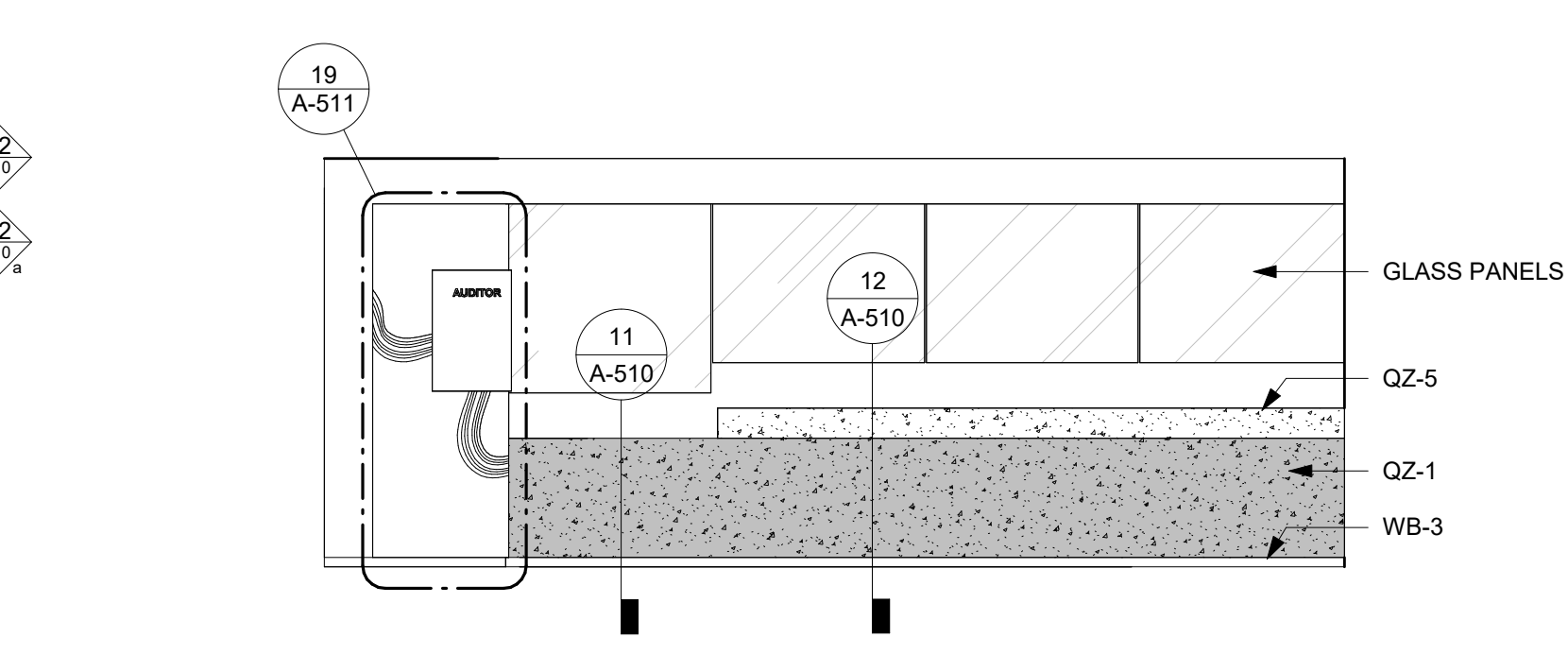
16 COUNTY ASSESSOR'S DESK - EAST ELEVATION
1/4" = 1'-0"



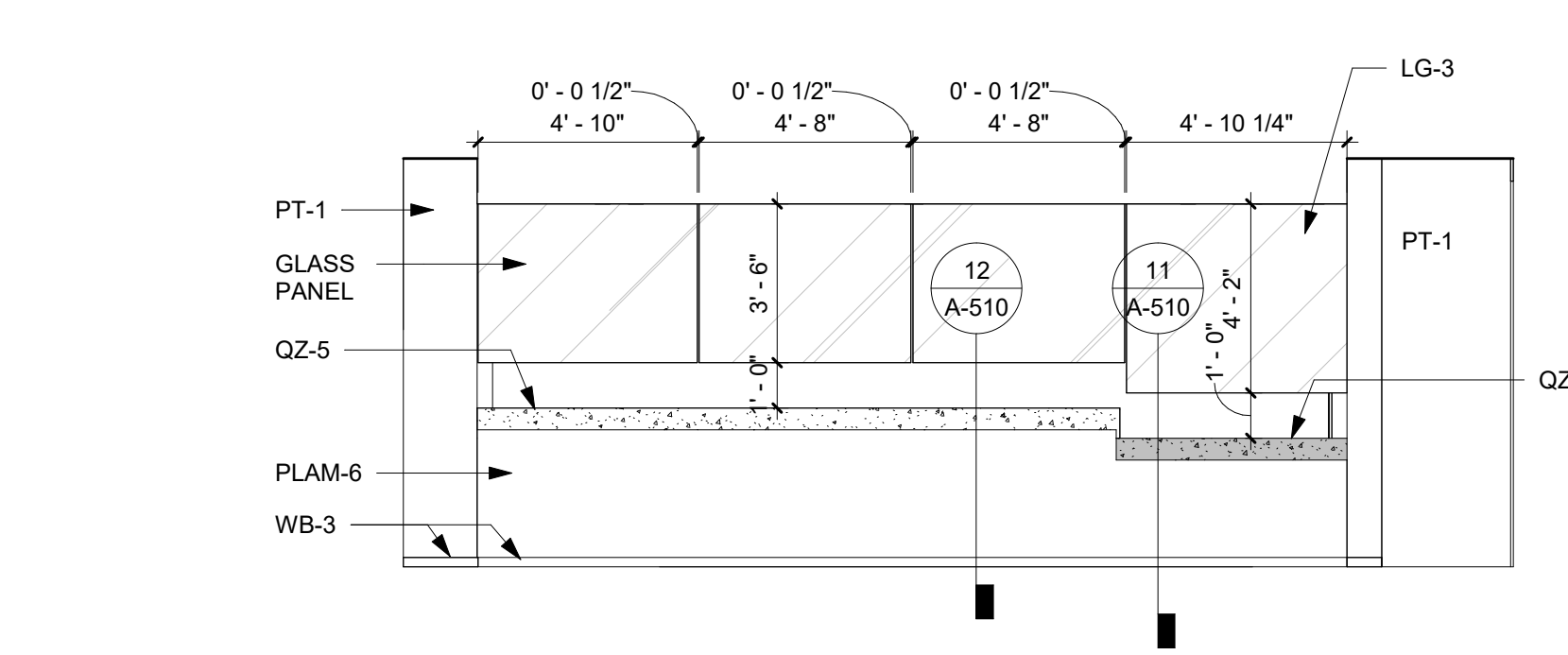
18 CITY ASSESSOR'S DESK - EAST ELEVATION
1/4" = 1'-0"



21 ADM - AUDITOR DESK
1/4" = 1'-0"

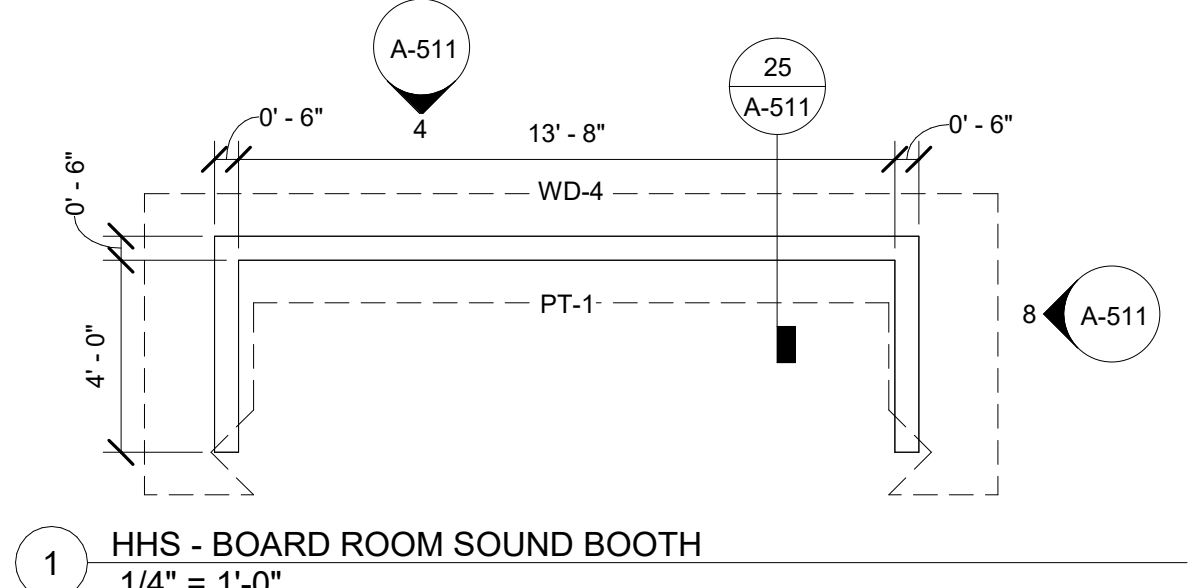


22 AUDITOR DESK - NORTH ELEVATION
1/4" = 1'-0"

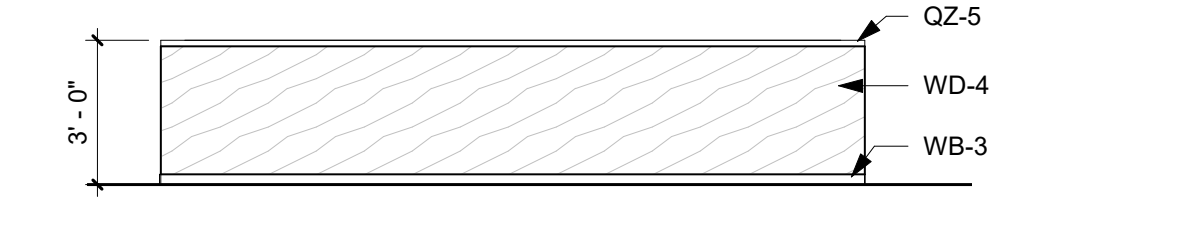


23 AUDITOR DESK - SOUTH ELEVATION
1/4" = 1'-0"

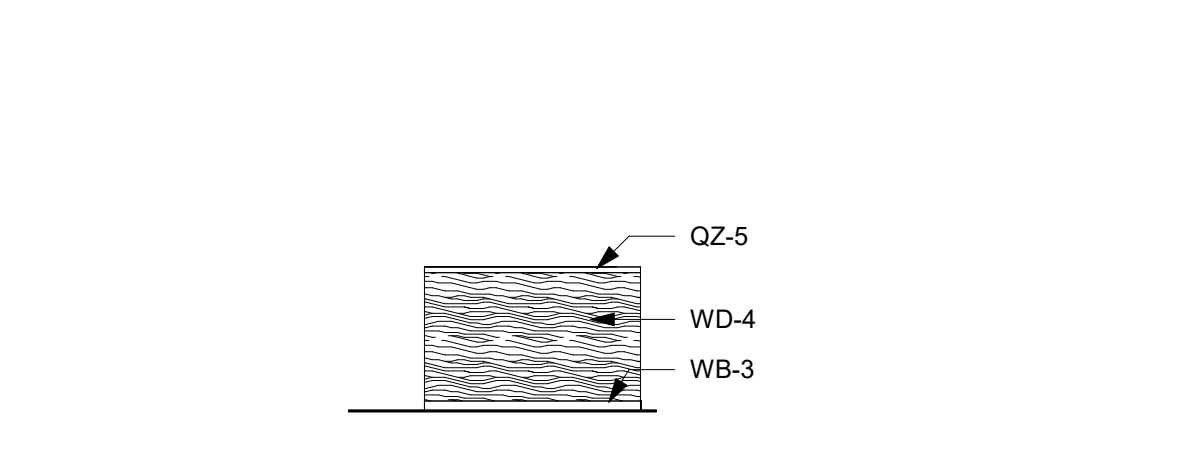
PRINTED: 6/5/2023 11:25:02 AM



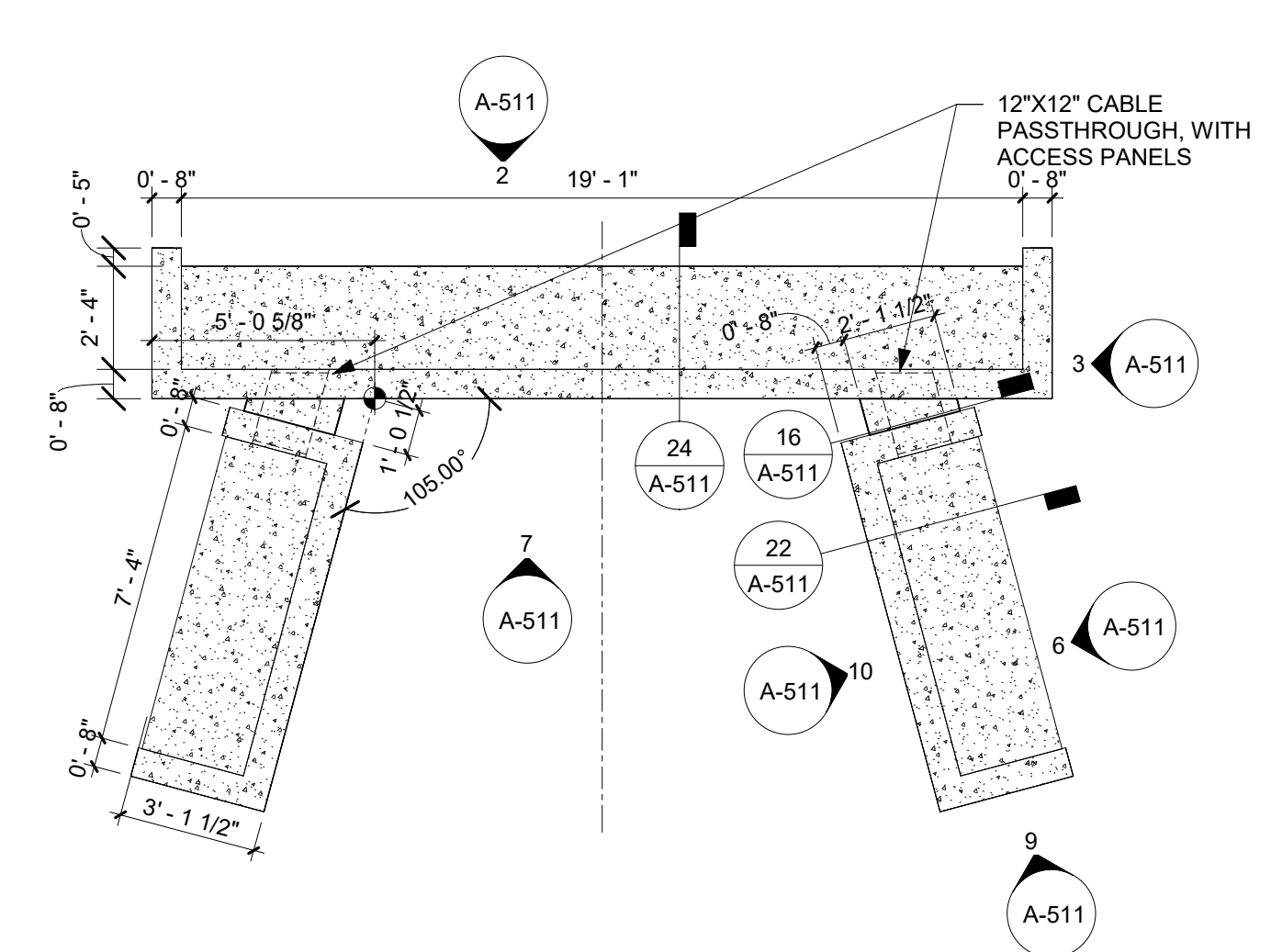
1 HHS - BOARD ROOM SOUND BOOTH
 1/4" = 1'-0"



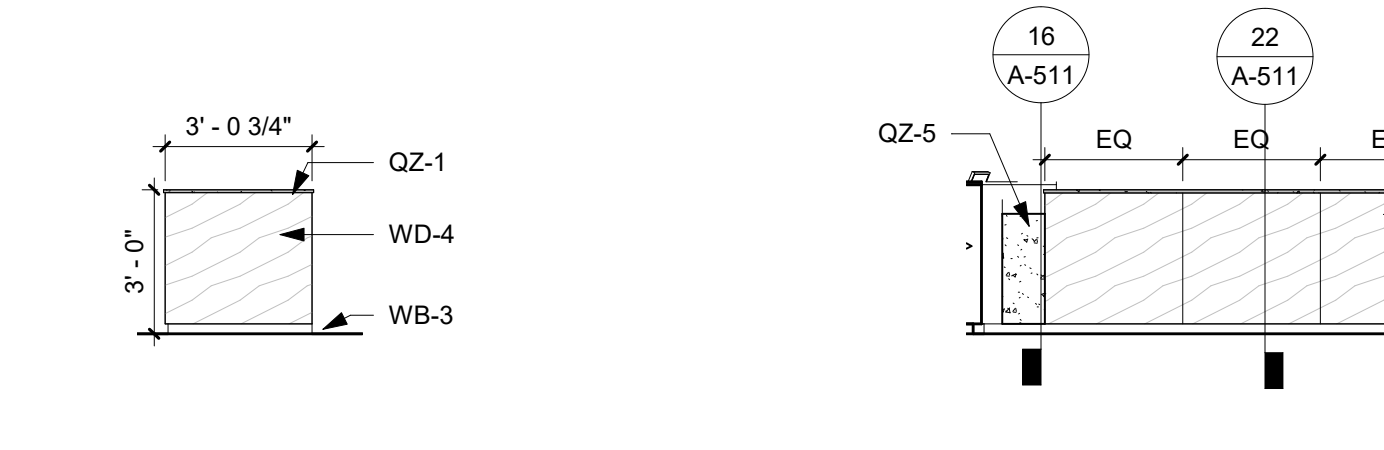
4 BOARD ROOM SOUND BOOTH - NORTH ELEVATION
 1/4" = 1'-0"



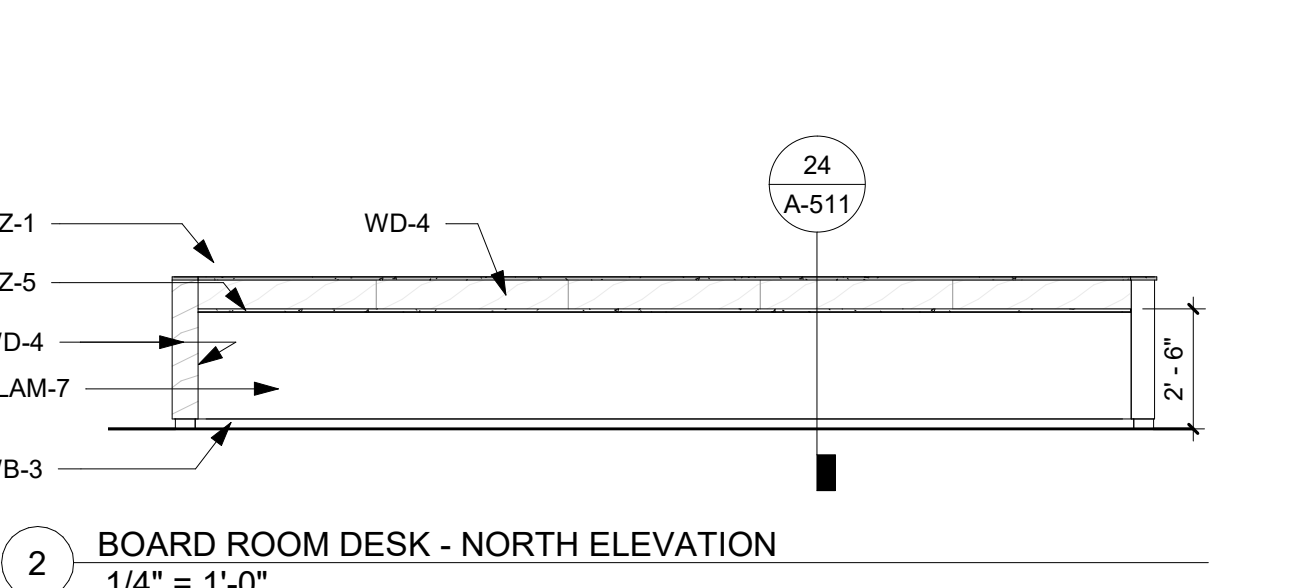
8 BOARD ROOM SOUND BOOTH - EAST & WEST ELEVATIONS
 1/4" = 1'-0"



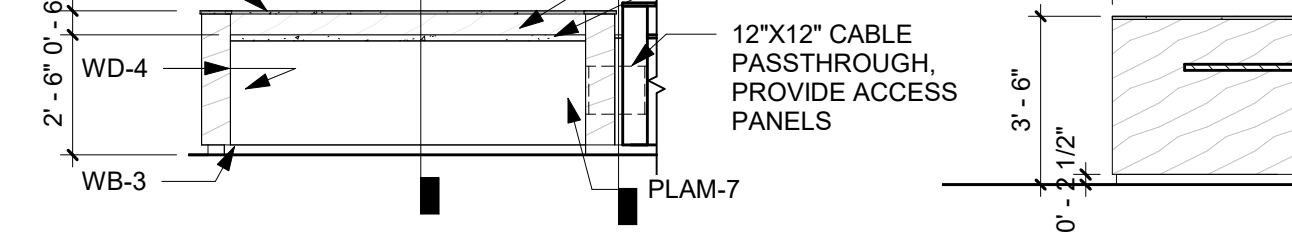
5 HHS - BOARD ROOM DESK
 1/4" = 1'-0"



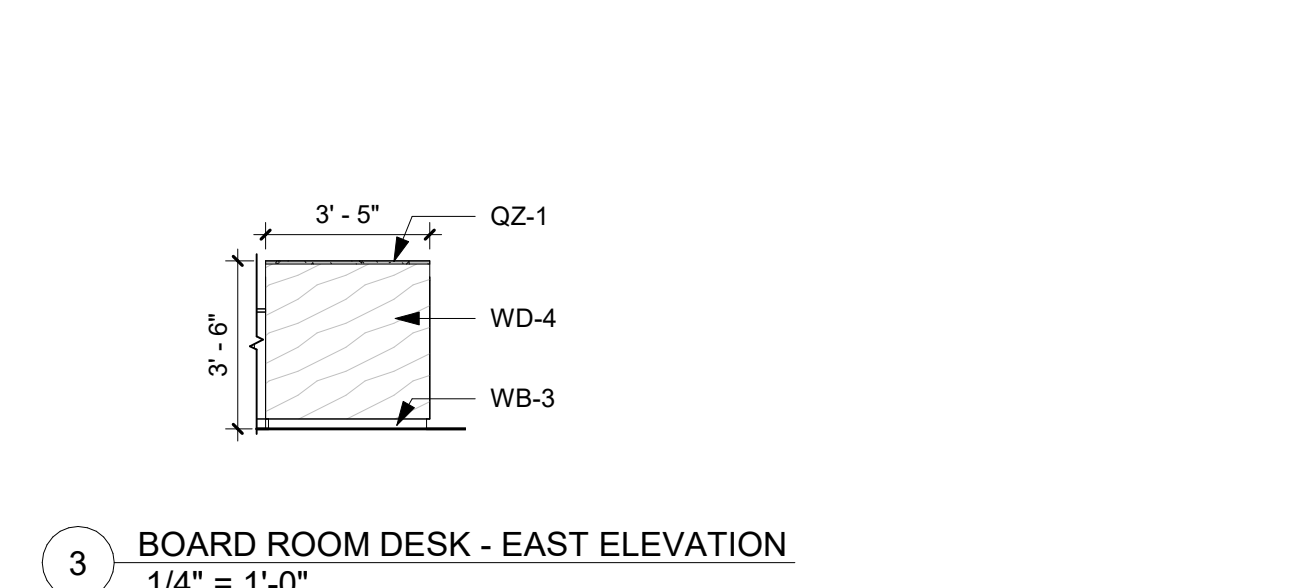
9 BOARD ROOM DESK - SOUTH ELEVATION 2
 1/4" = 1'-0"



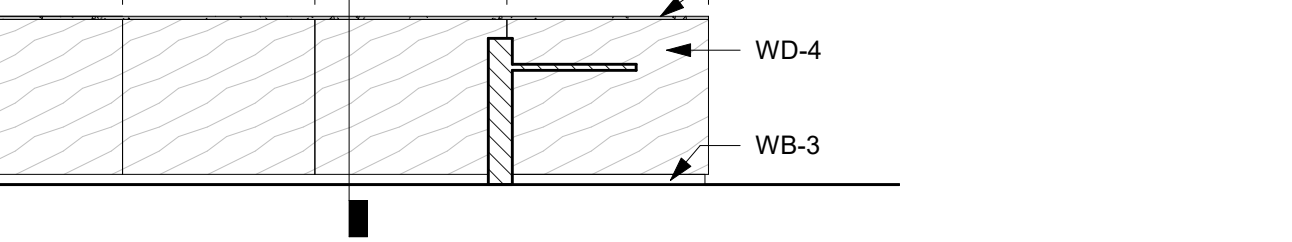
2 BOARD ROOM DESK - NORTH ELEVATION
 1/4" = 1'-0"



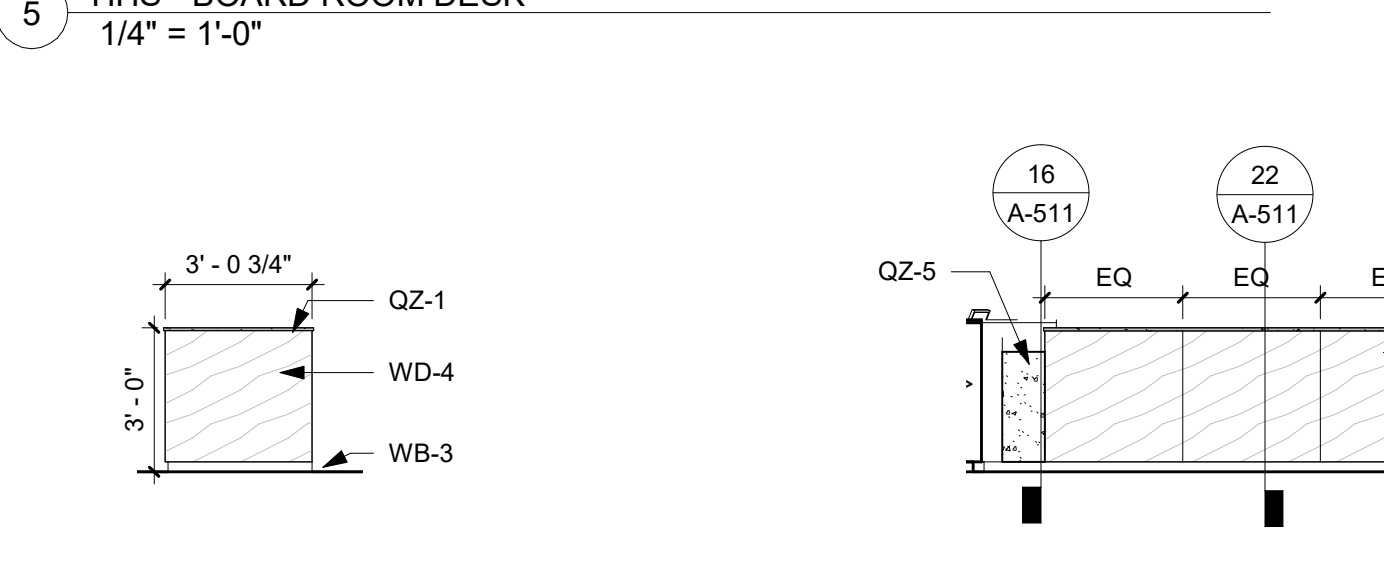
6 BOARD ROOM DESK - EAST ELEVATION 2
 1/4" = 1'-0"



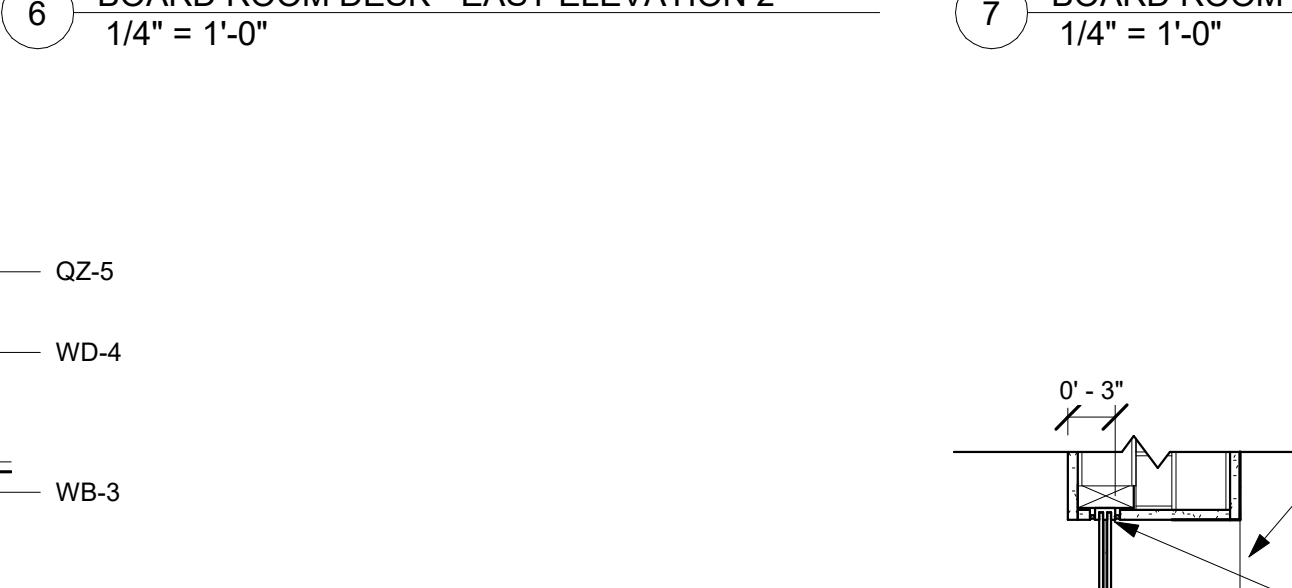
3 BOARD ROOM DESK - EAST ELEVATION
 1/4" = 1'-0"



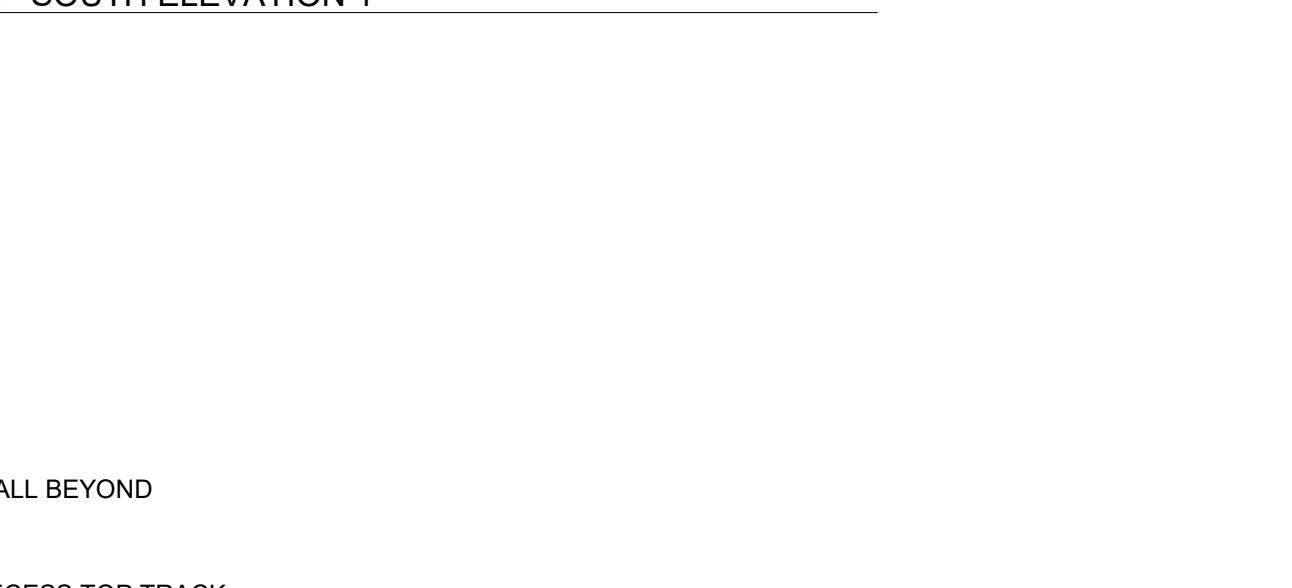
7 BOARD ROOM DESK - SOUTH ELEVATION 1
 1/4" = 1'-0"



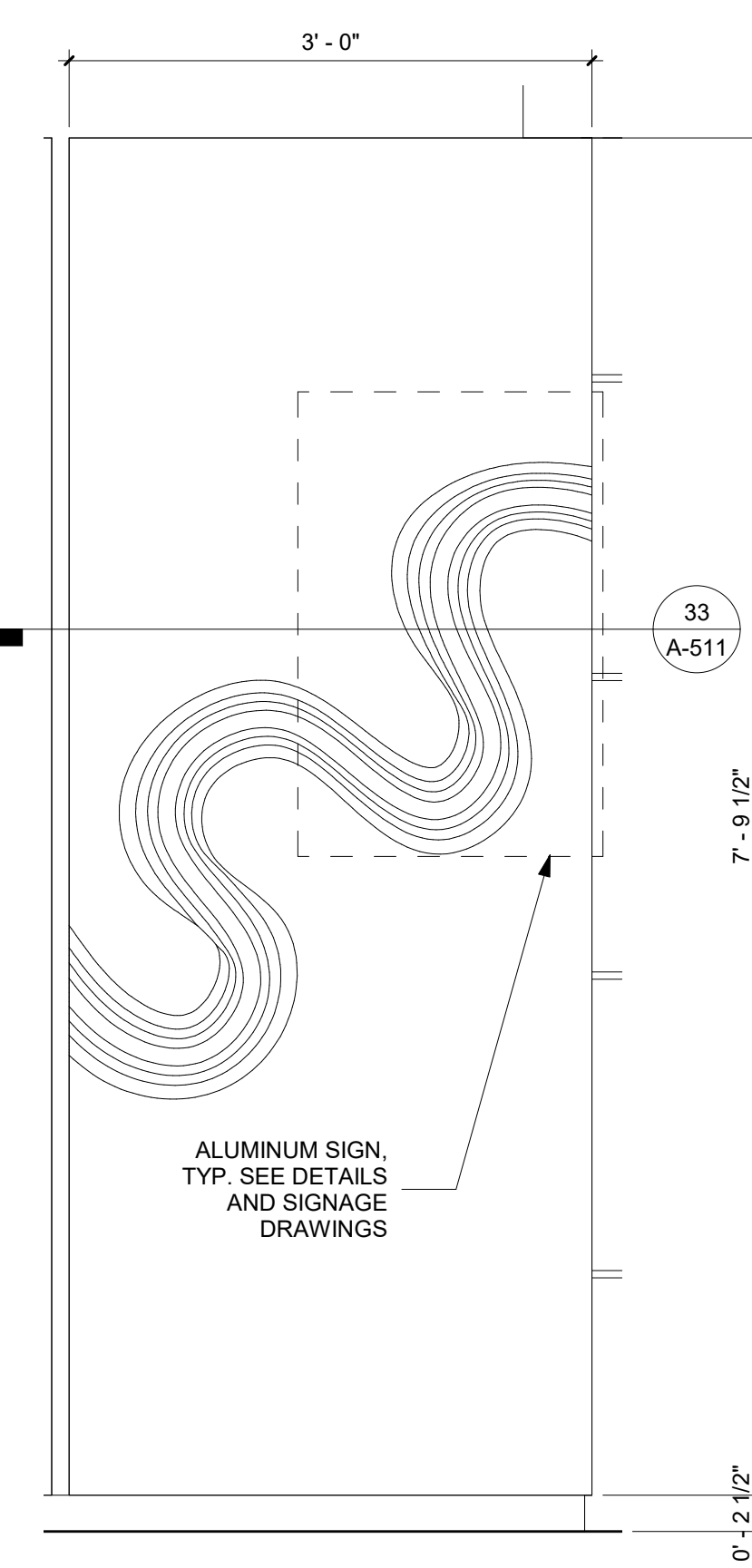
10 BOARD ROOM DESK - WEST ELEVATION
 1/4" = 1'-0"



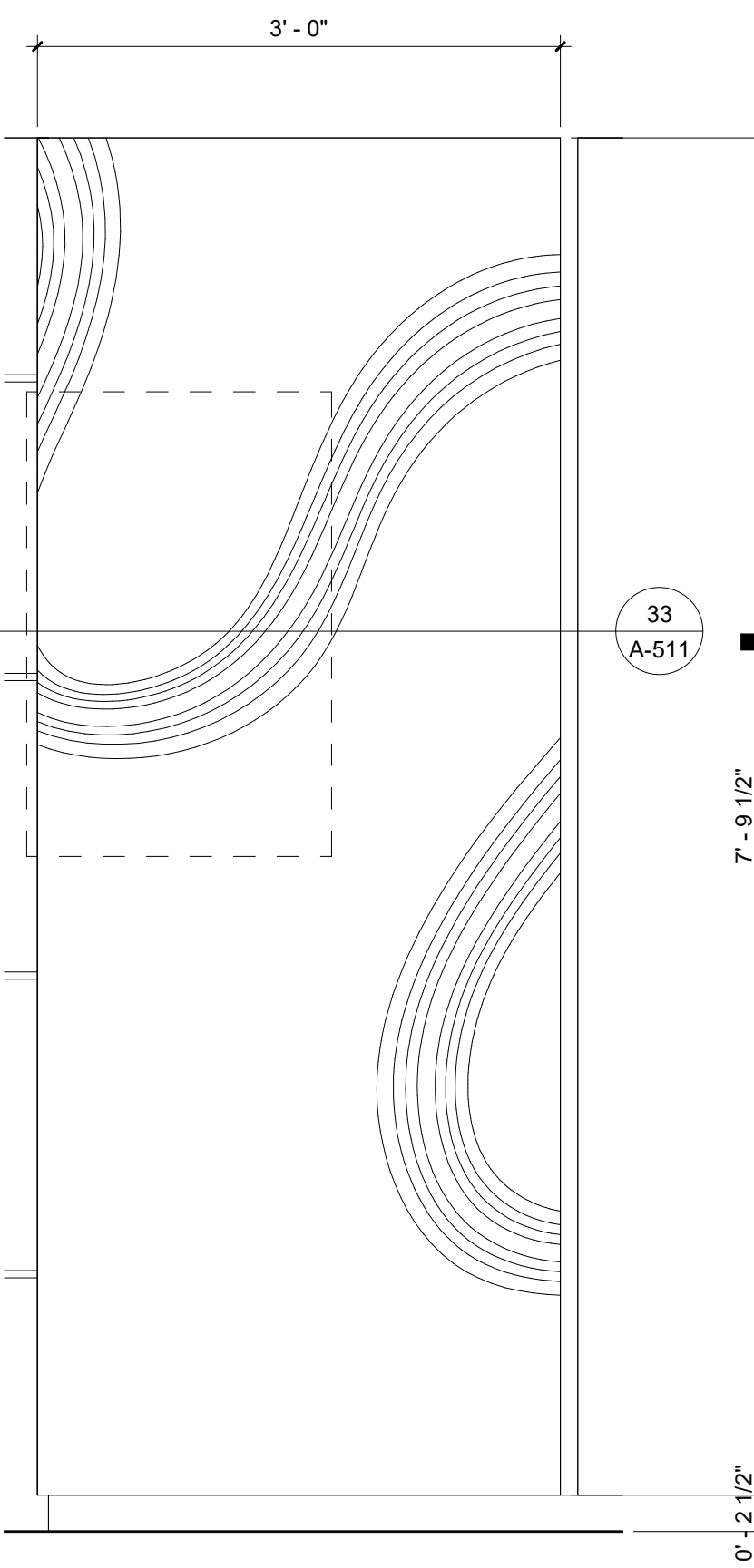
14 CASEWORK SECTION - TYPICAL HHS ADA SINK
 1" = 1'-0"



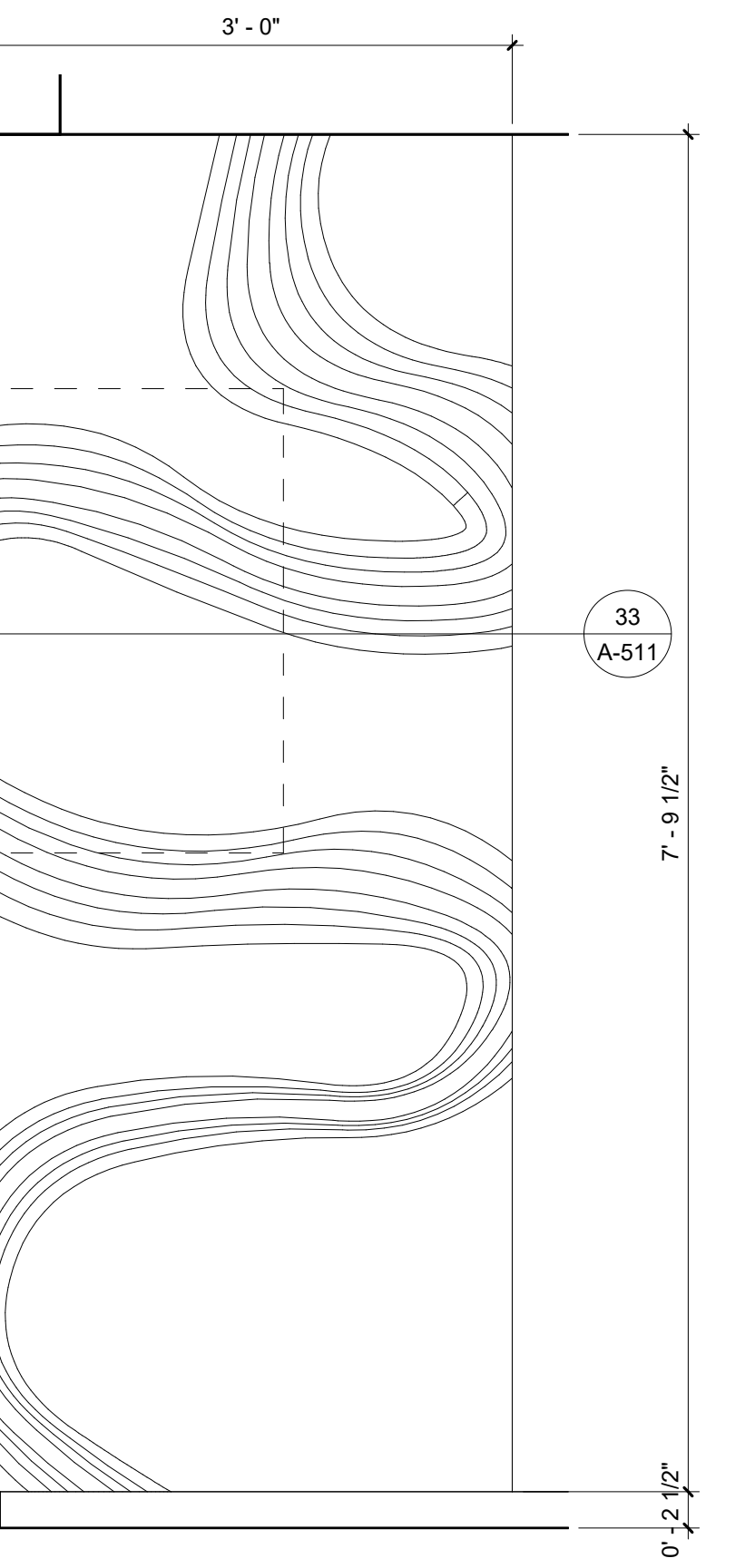
15 CASEWORK SECTION - TYPICAL ADA PANEL
 1" = 1'-0"



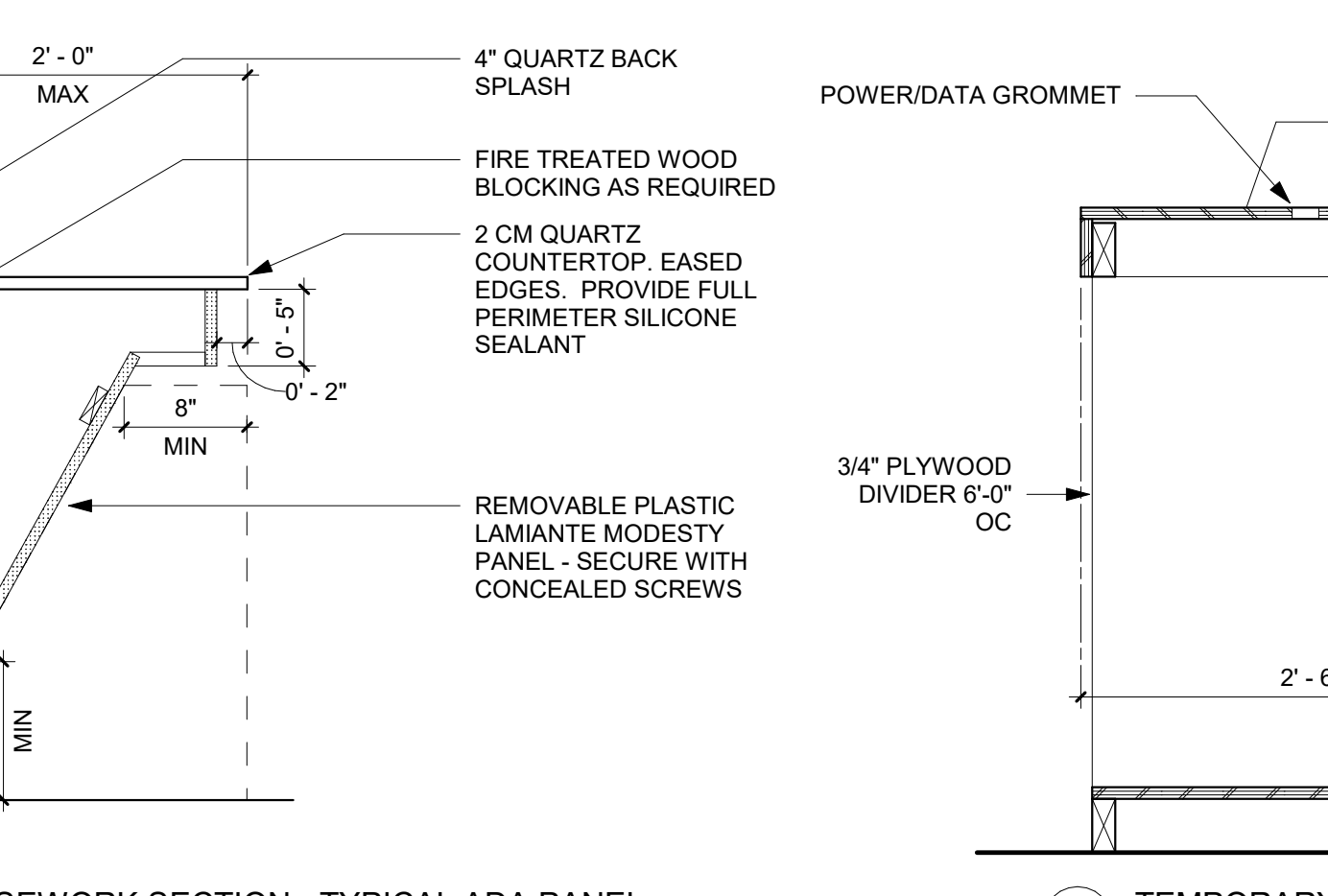
11 WOOD WALL - COUNTY ASSESSOR
 1" = 1'-0"



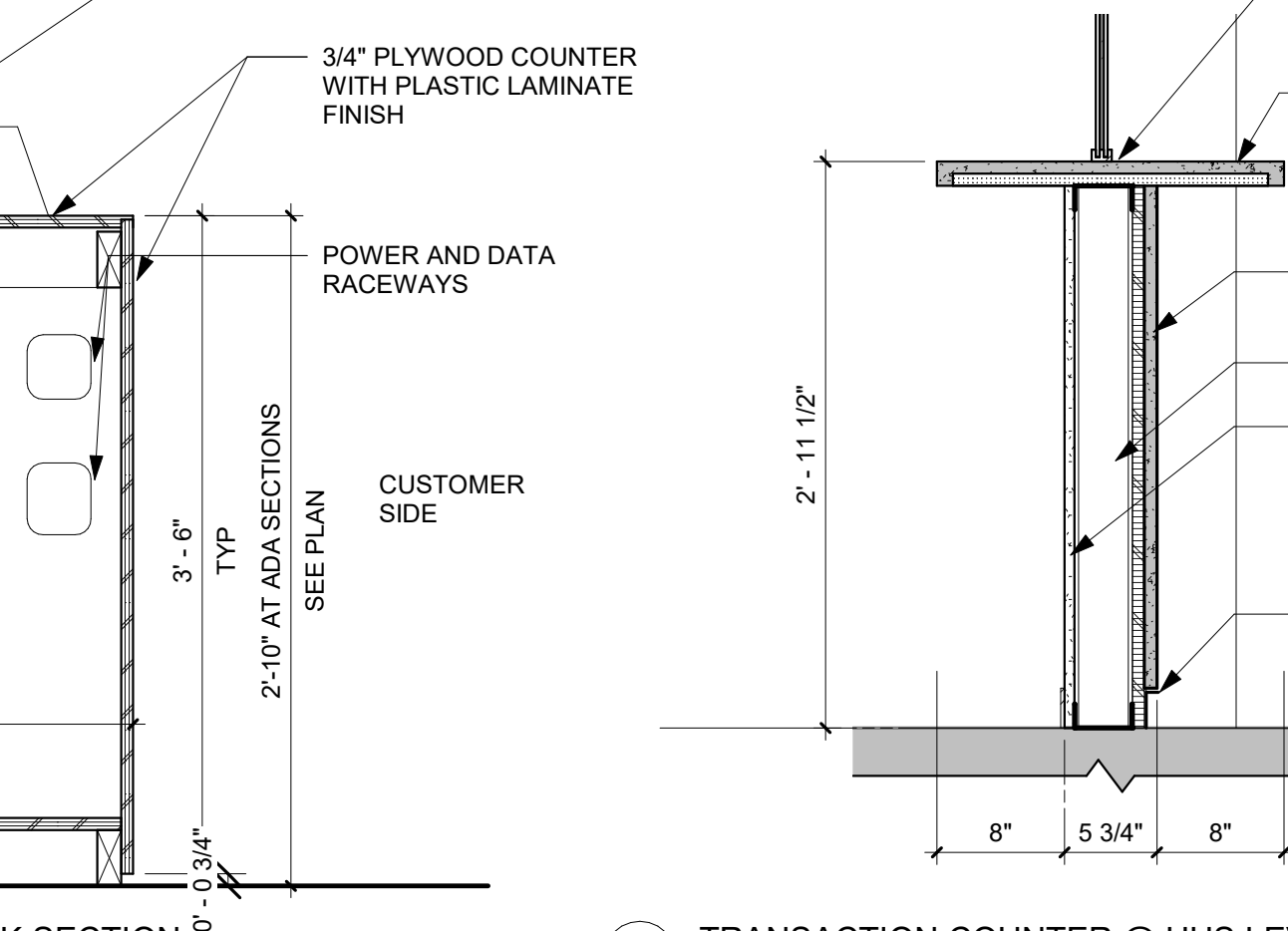
12 WOOD WALL - CITY ASSESSOR
 1" = 1'-0"



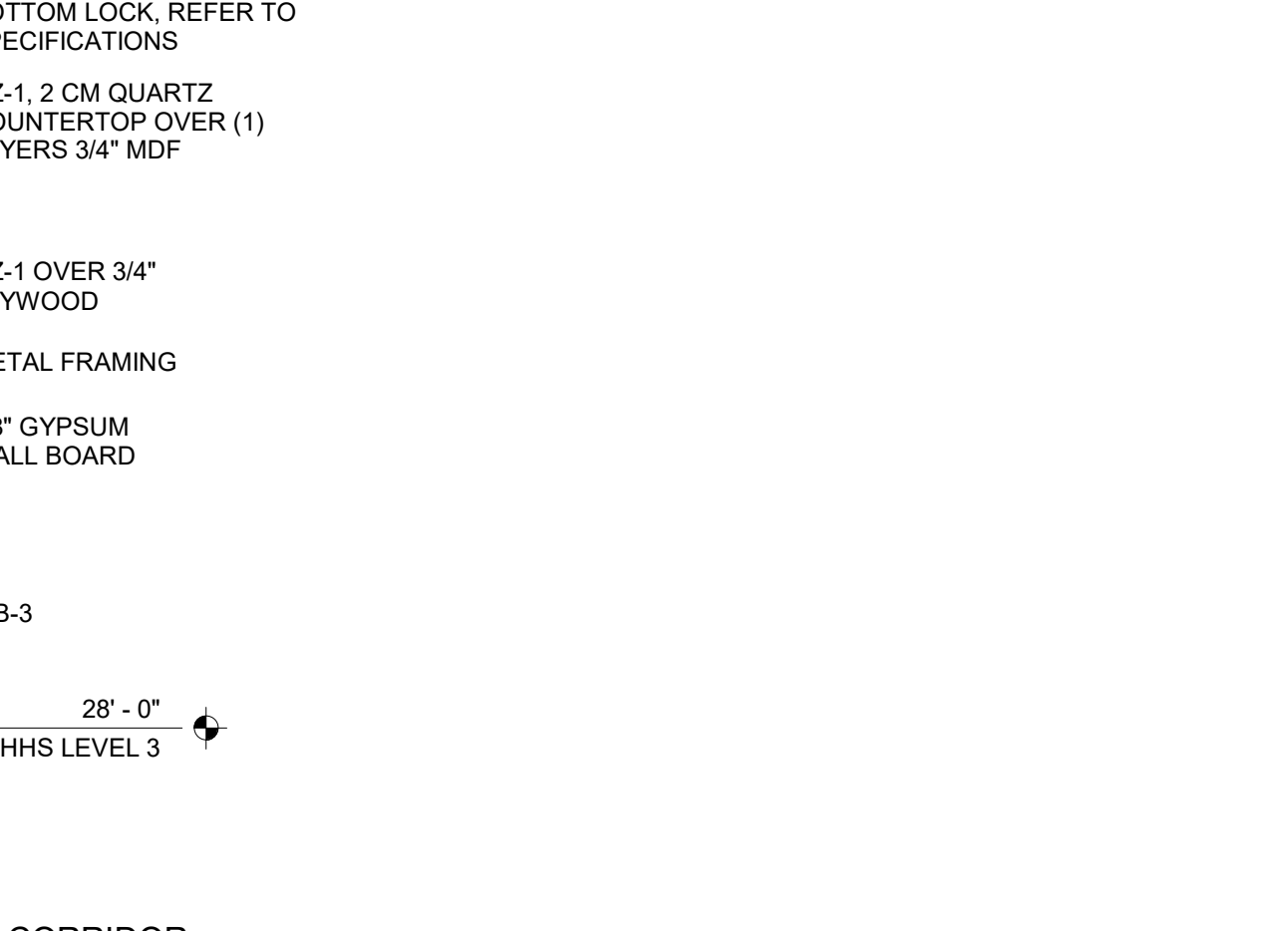
13 WOOD WALL - BOARD ROOM
 1" = 1'-0"



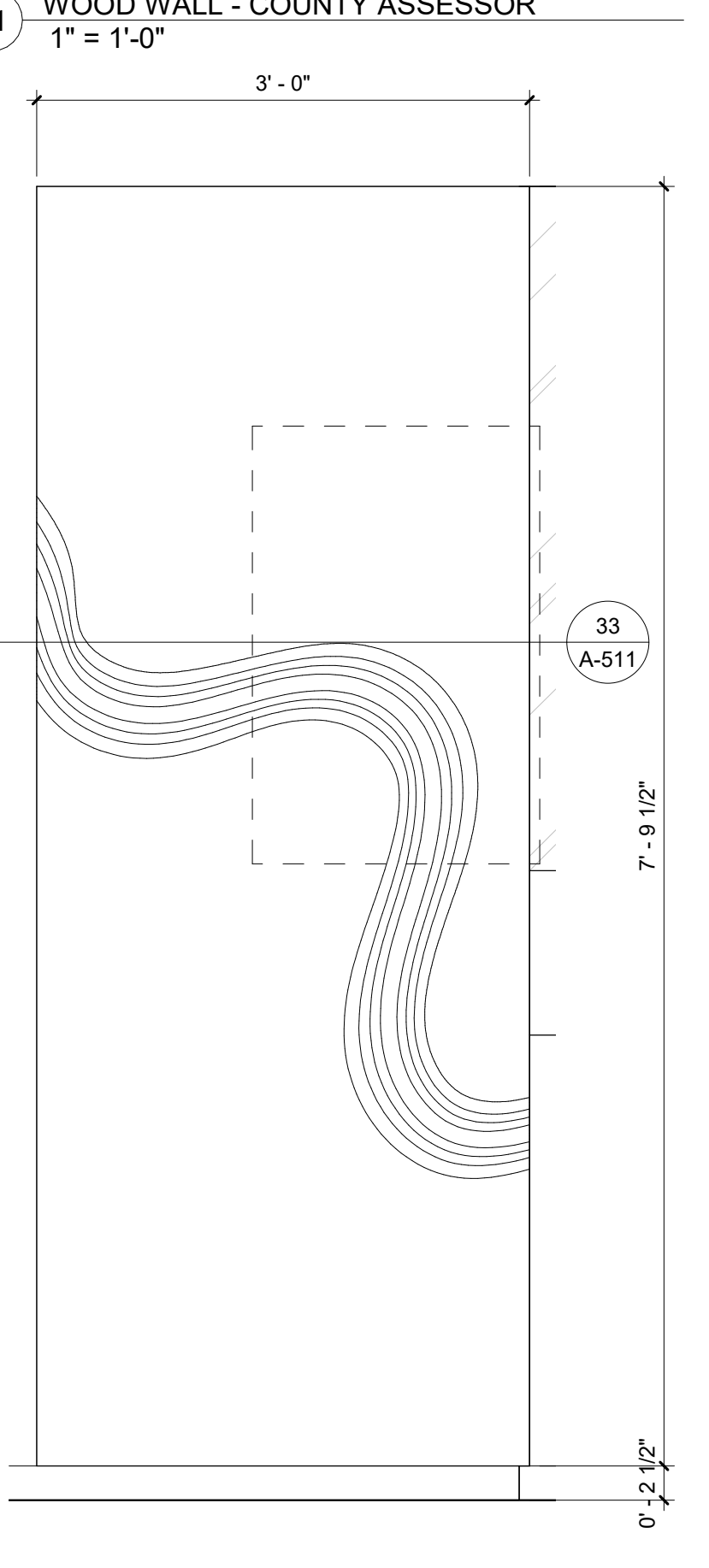
16 BOARD ROOM DESK CONNECTOR
 1" = 1'-0"



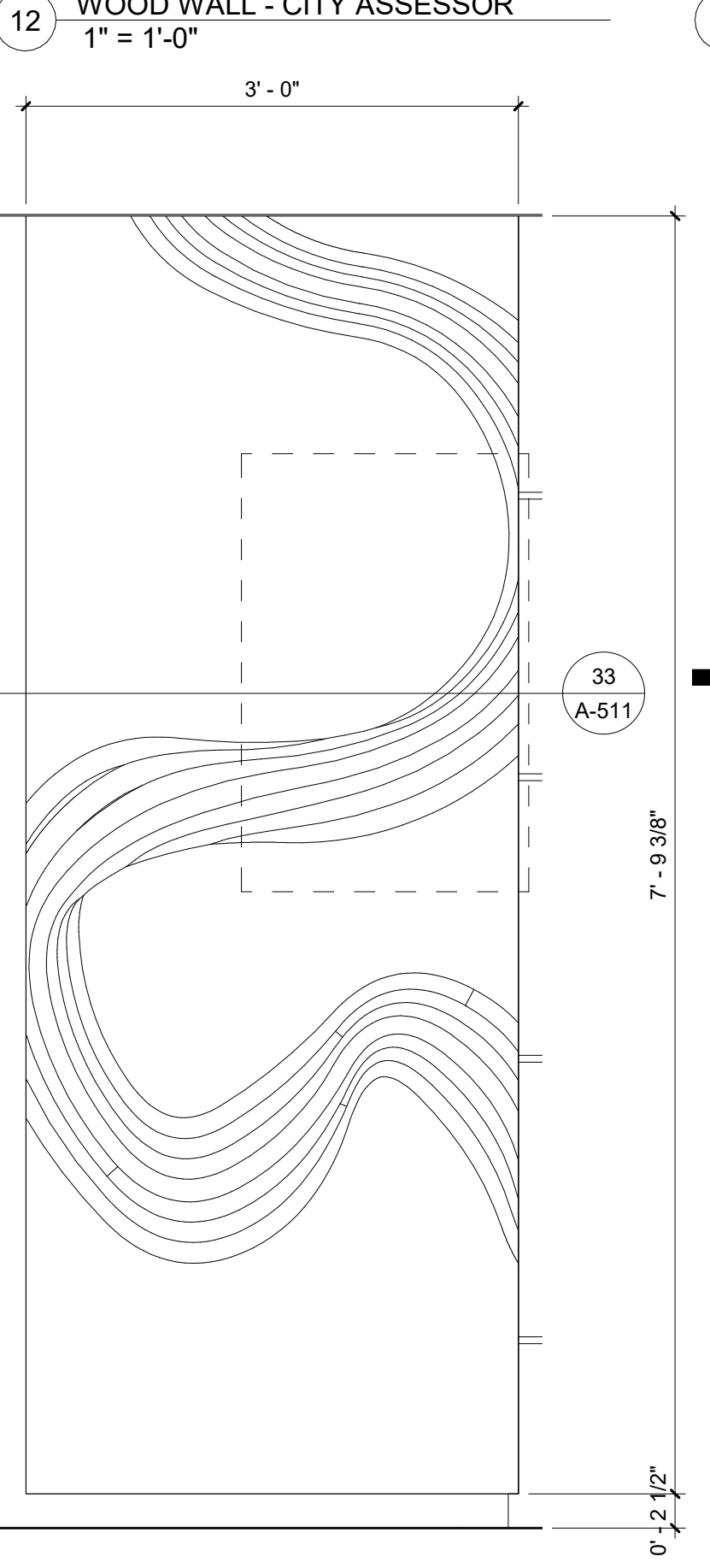
18 TRANSACTION COUNTER @ HHS LEVEL 3 CORRIDOR
 1" = 1'-0"



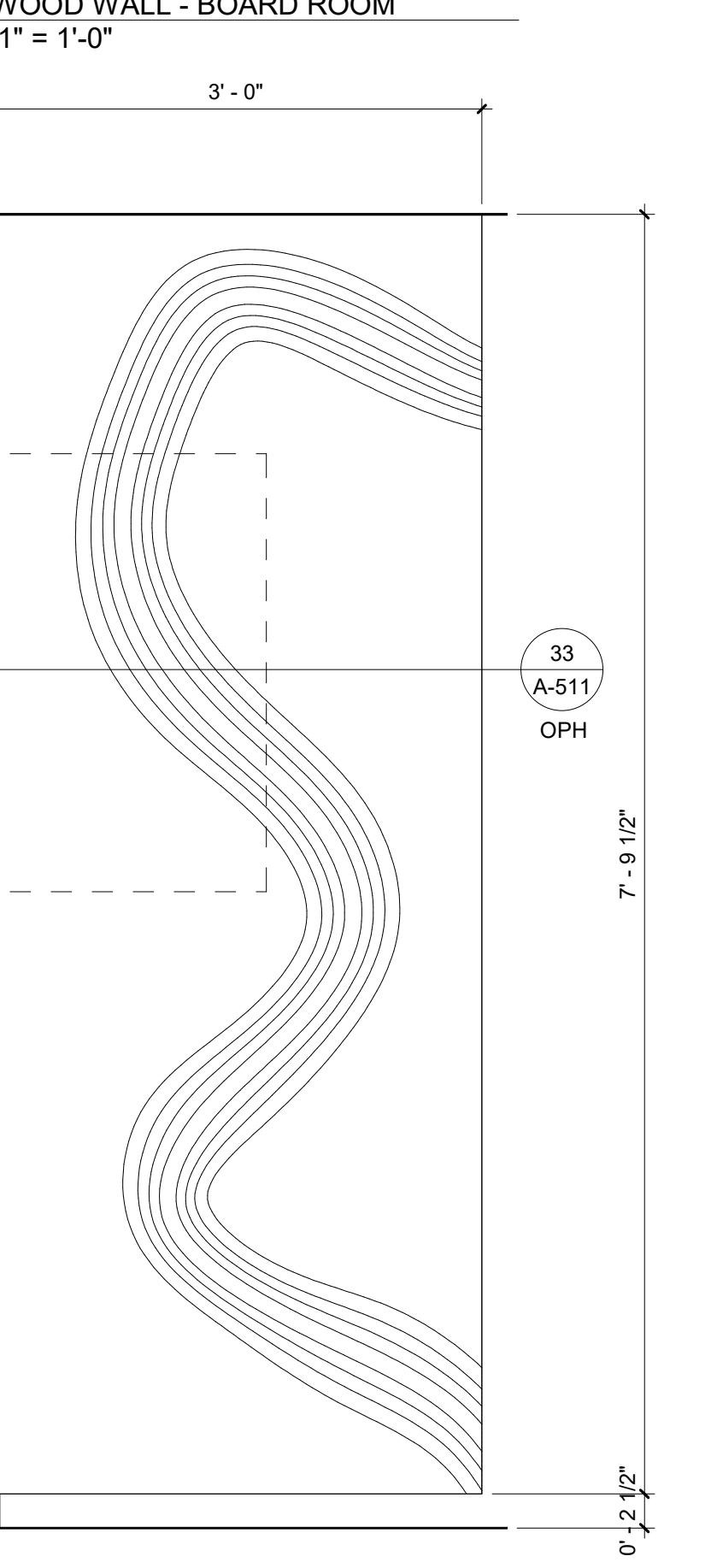
22 BOARD ROOM DESK 1 - SECTION 2
 1" = 1'-0"



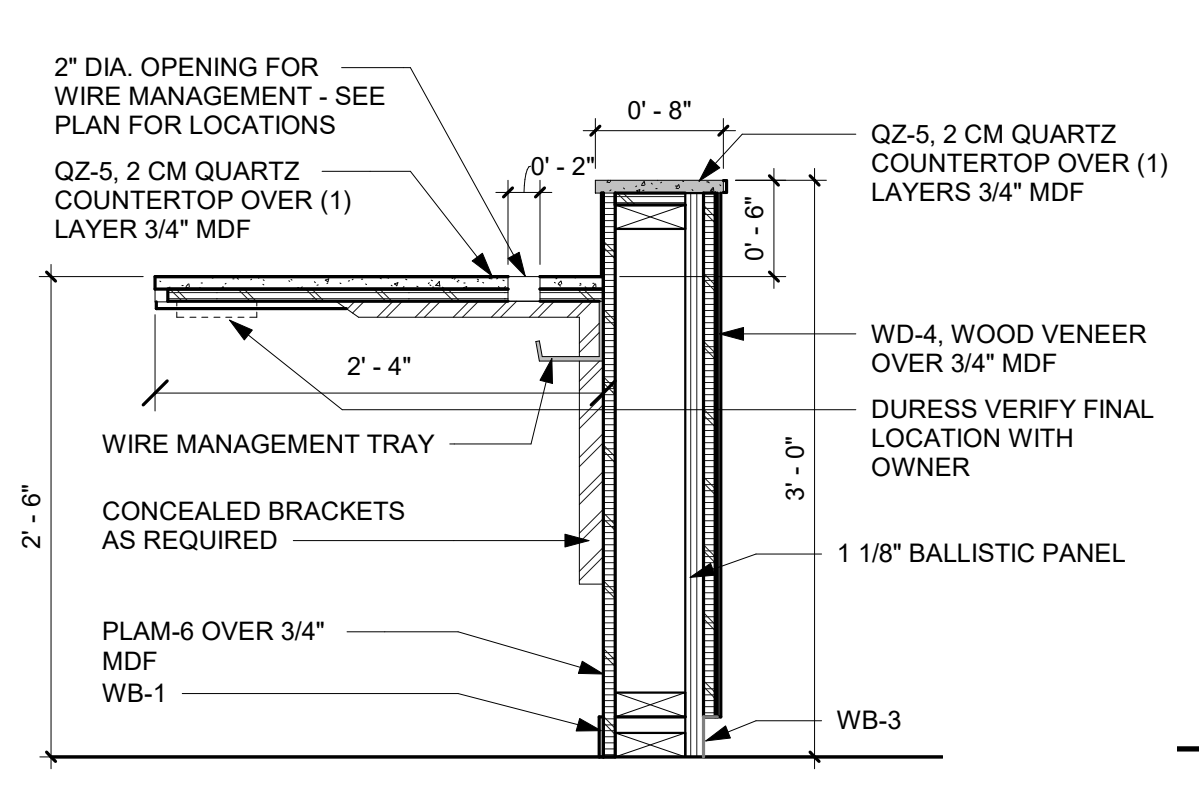
19 WOOD WALL - AUDITOR
 1" = 1'-0"



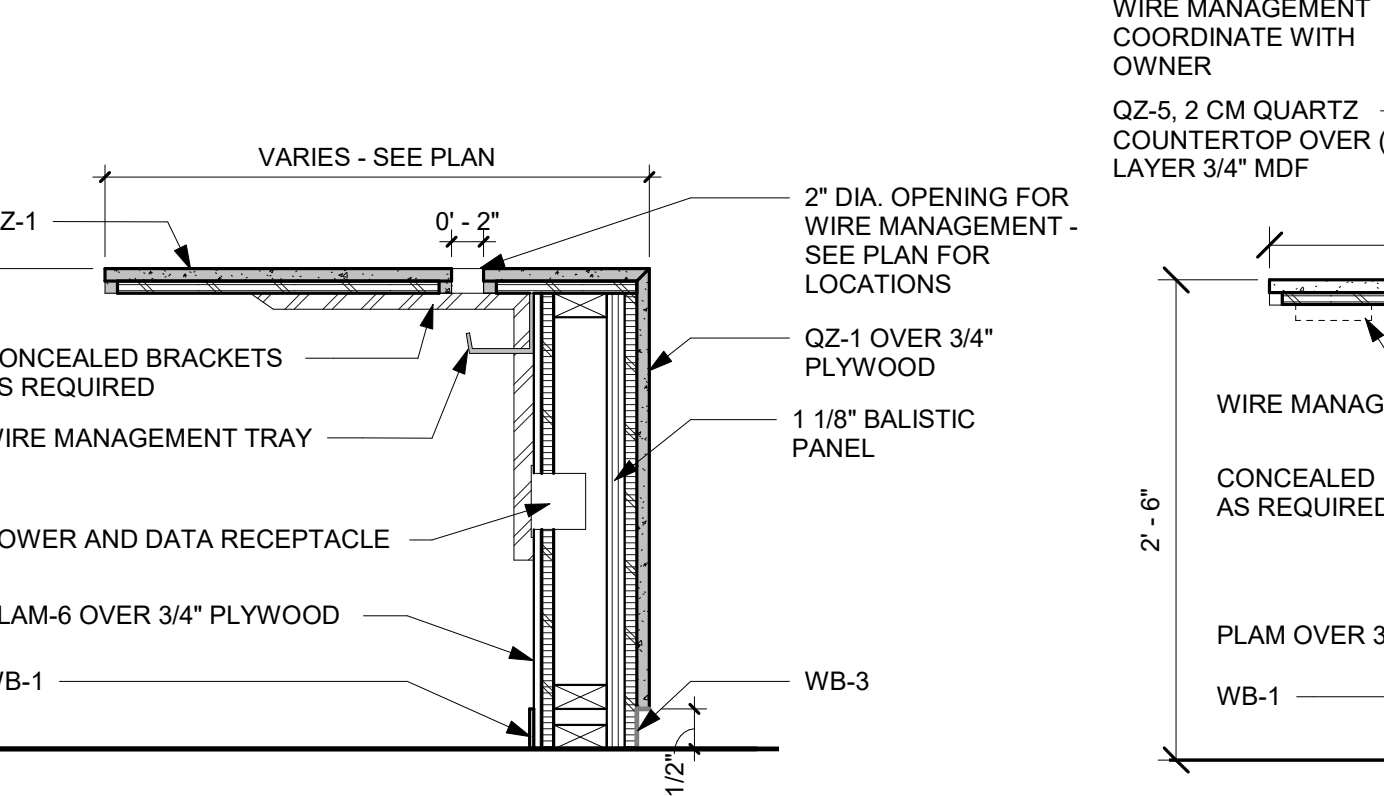
20 WOOD WALL - RECORDER
 1" = 1'-0"



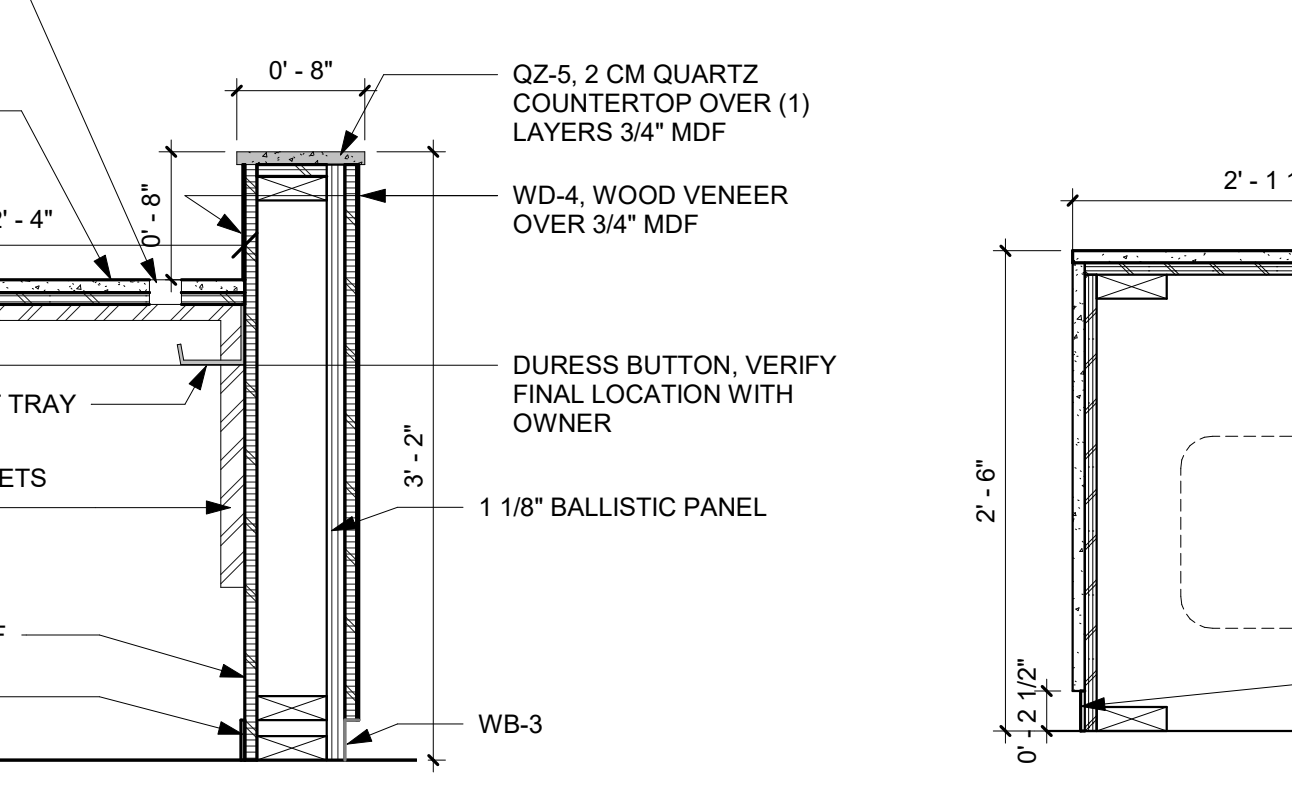
21 WOOD WALL - PLANNING
 1" = 1'-0"



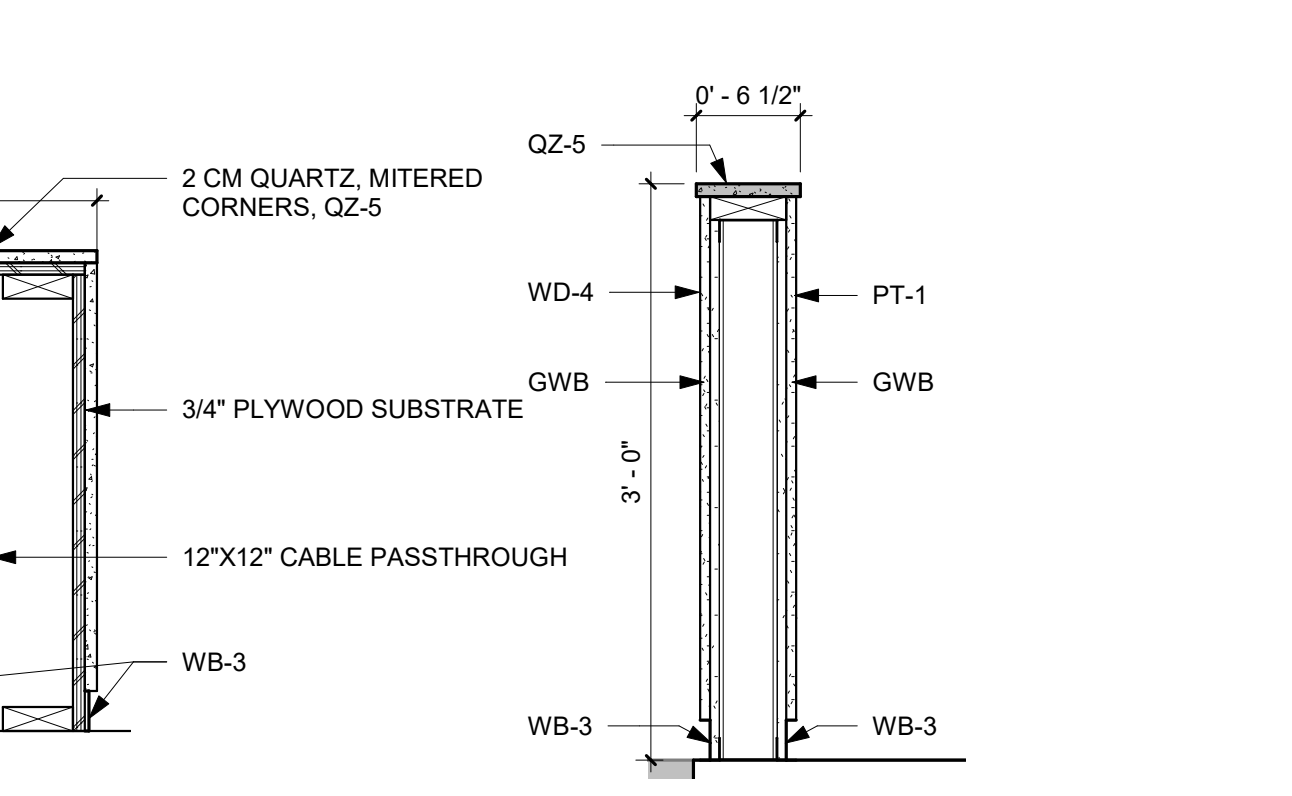
23 RECEPTION - WORK SURFACE
 1" = 1'-0"



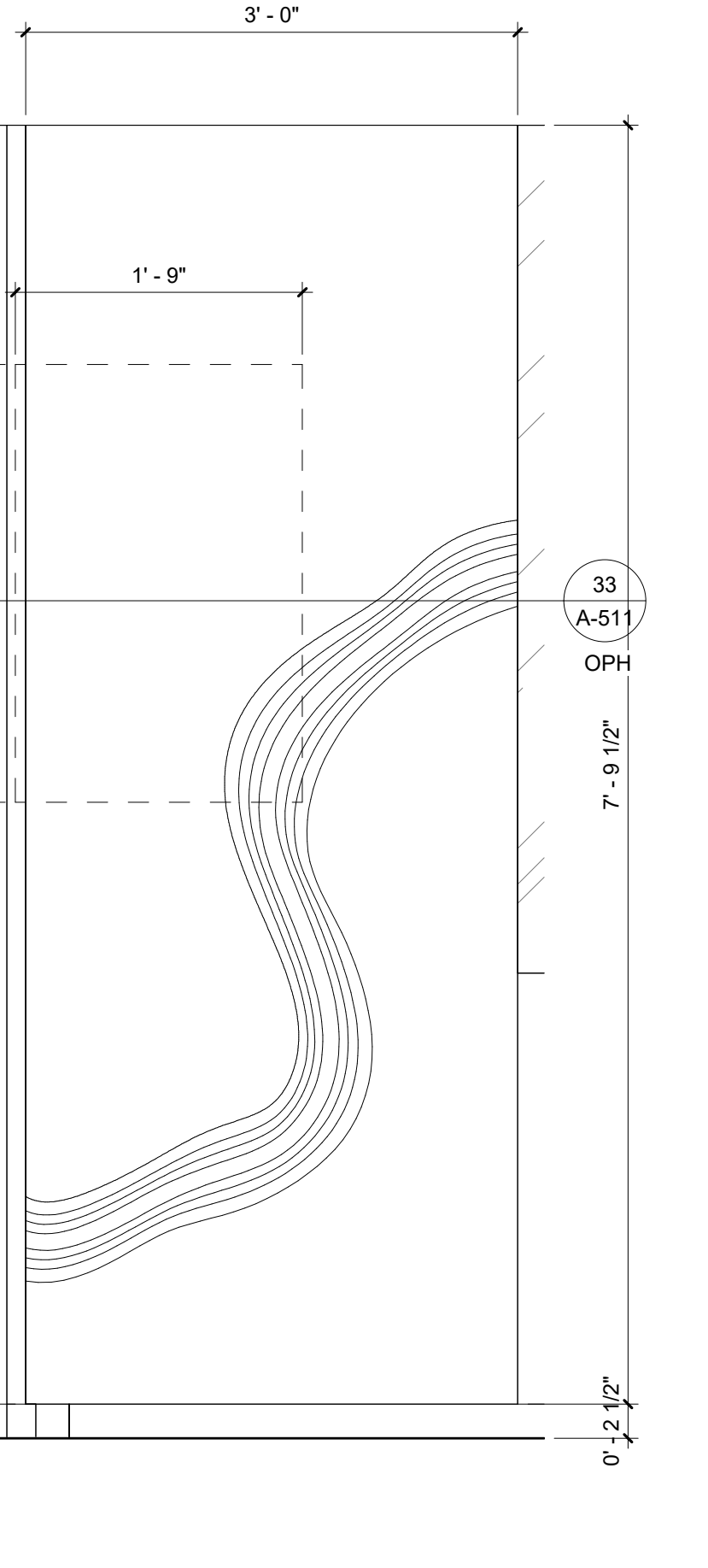
24 BOARD ROOM DESK 1 - SECTION 1
 1" = 1'-0"



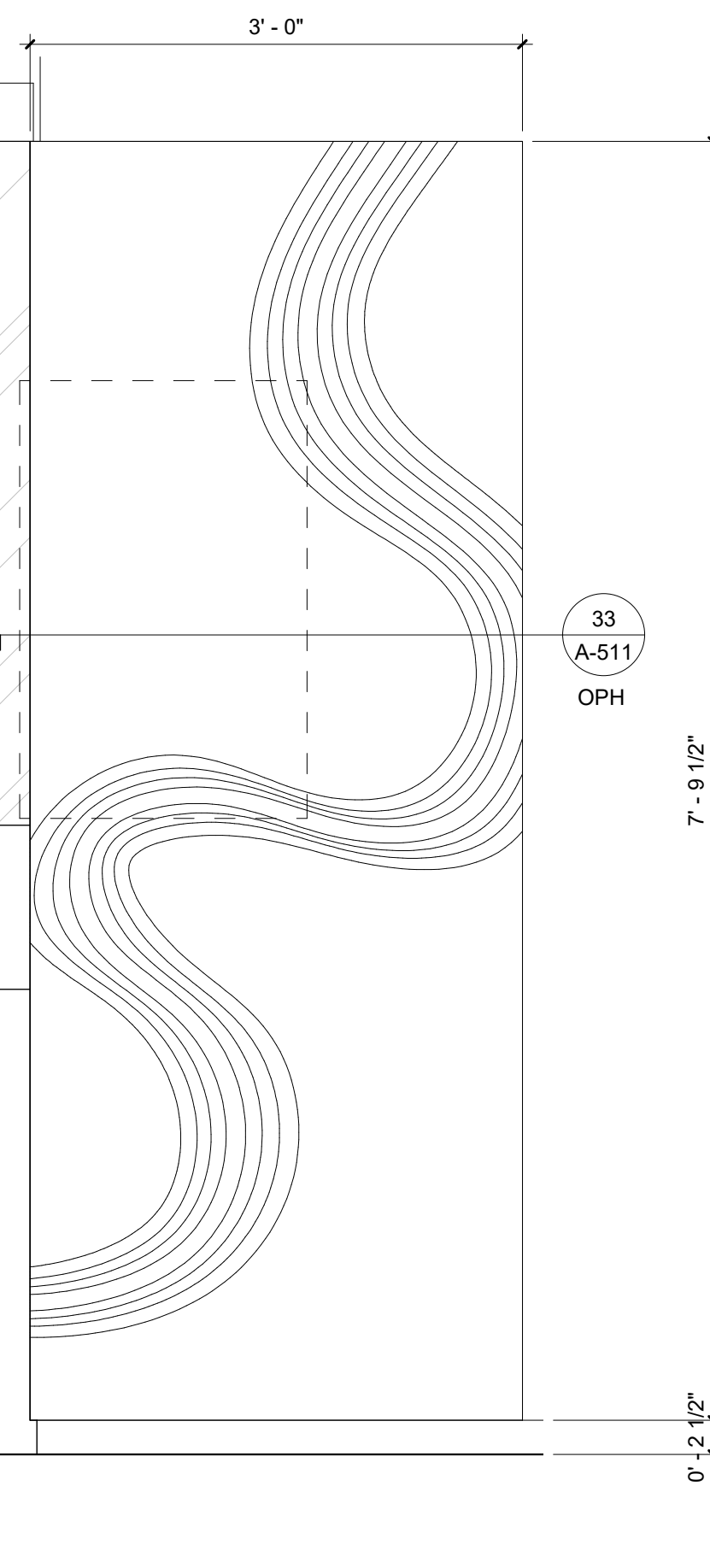
25 BOARD ROOM SOUND BOOTH - SECTION
 1" = 1'-0"



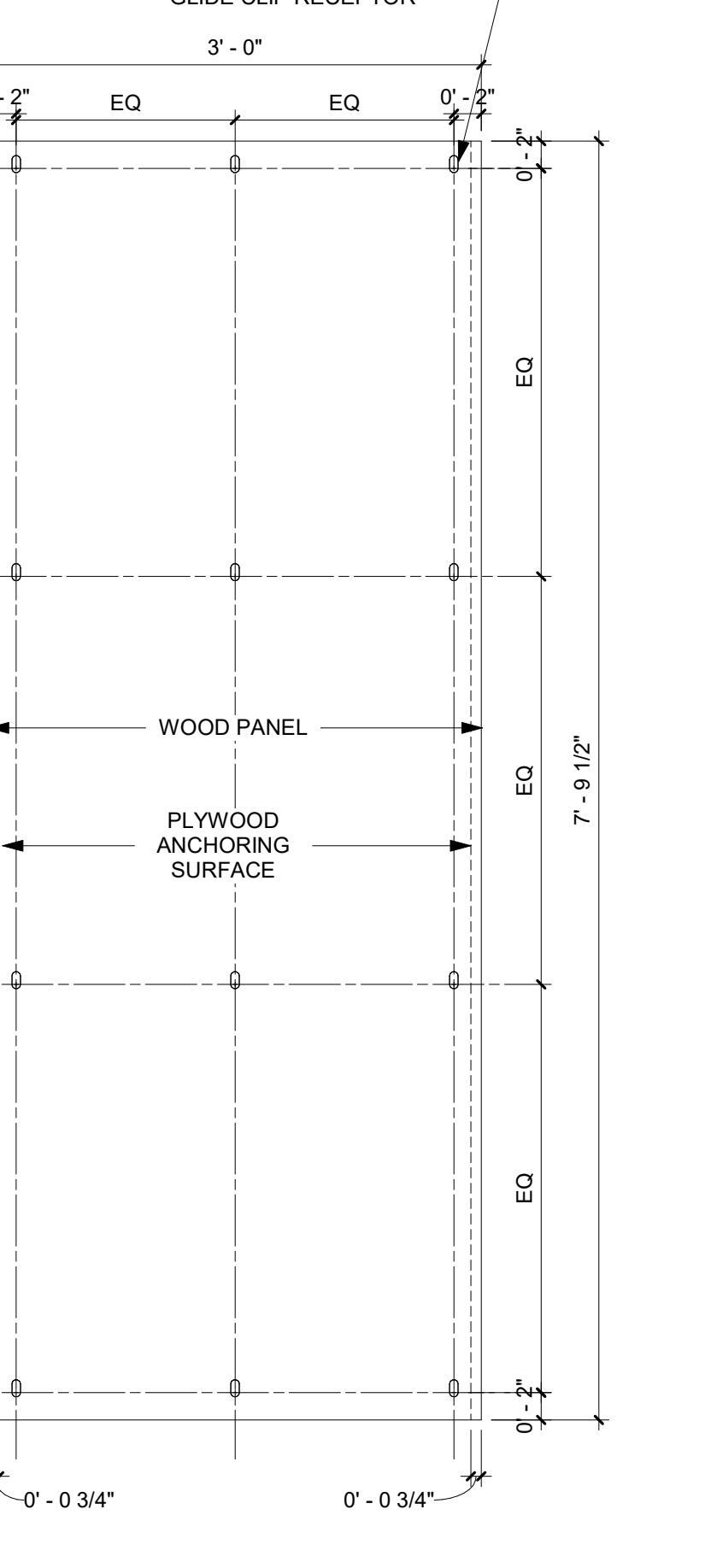
26 TEMPORARY DESK SECTION
 1" = 1'-0"



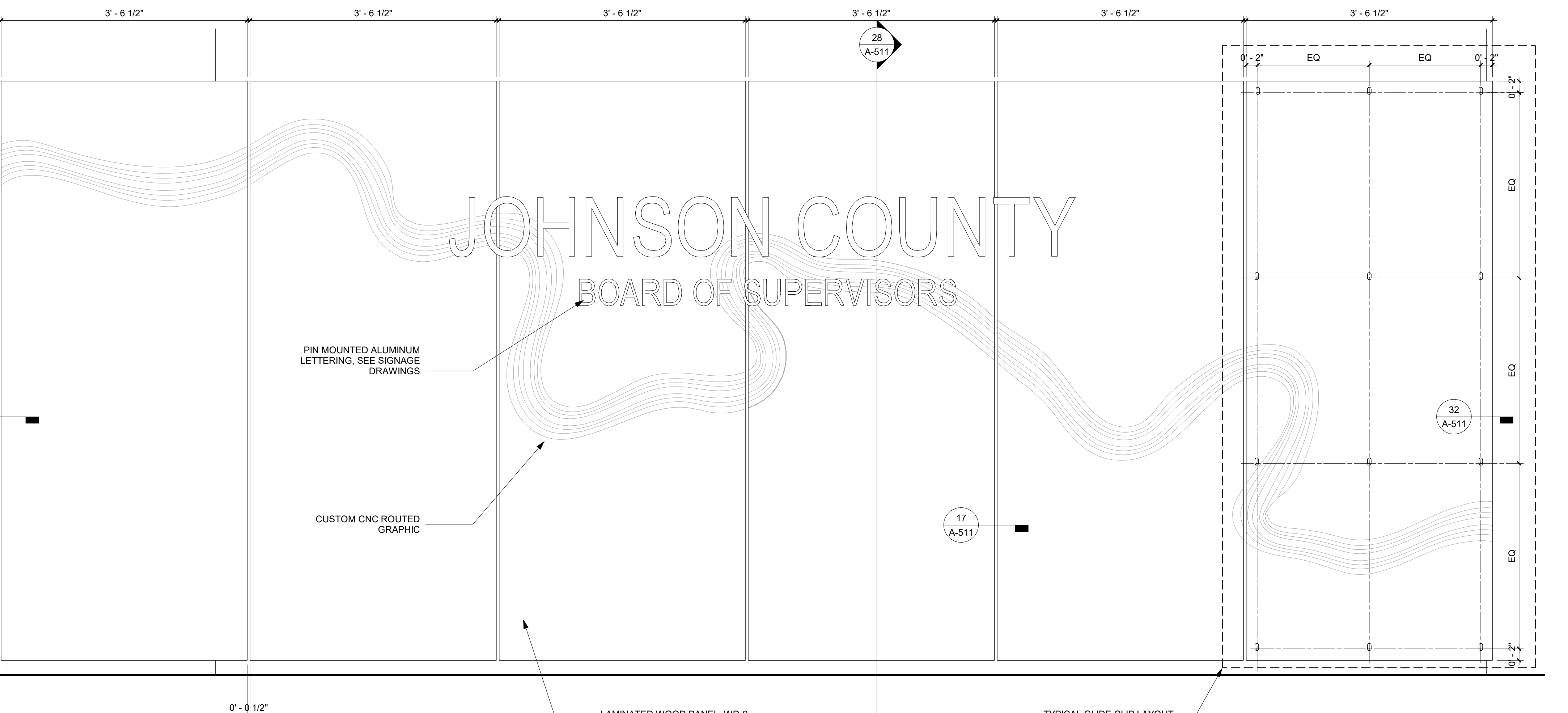
29 WOOD WALL - BOARD OFFICES
 1" = 1'-0"



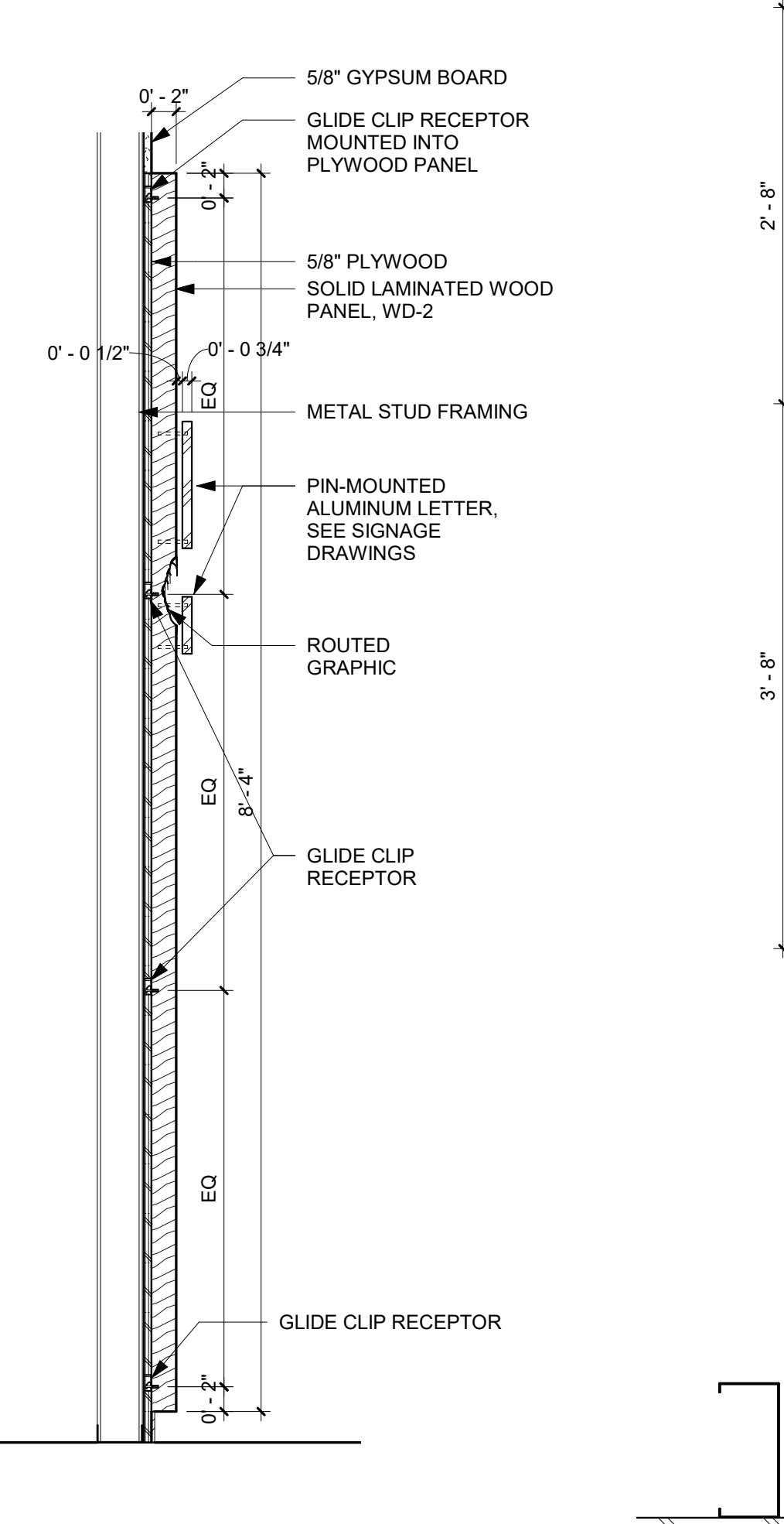
30 WOOD WALL - TREASURER
 1" = 1'-0"



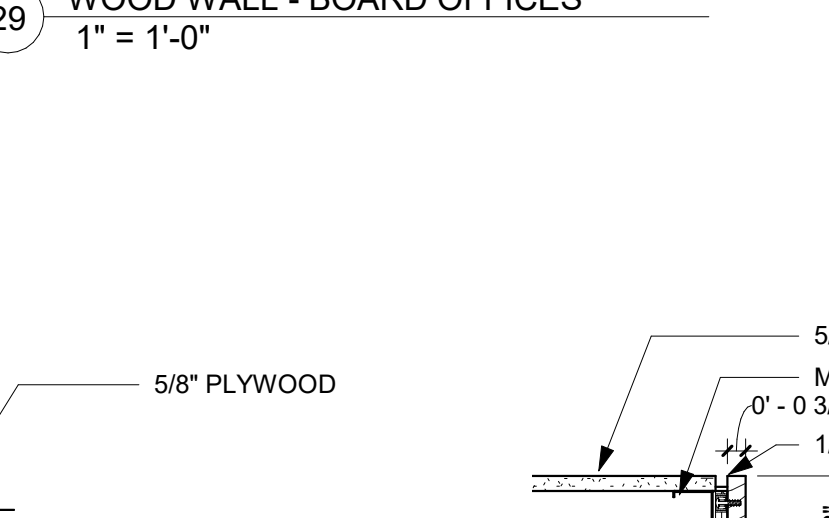
31 TYPICAL WOOD PANEL ANCHORS LAYOUT
 1" = 1'-0"



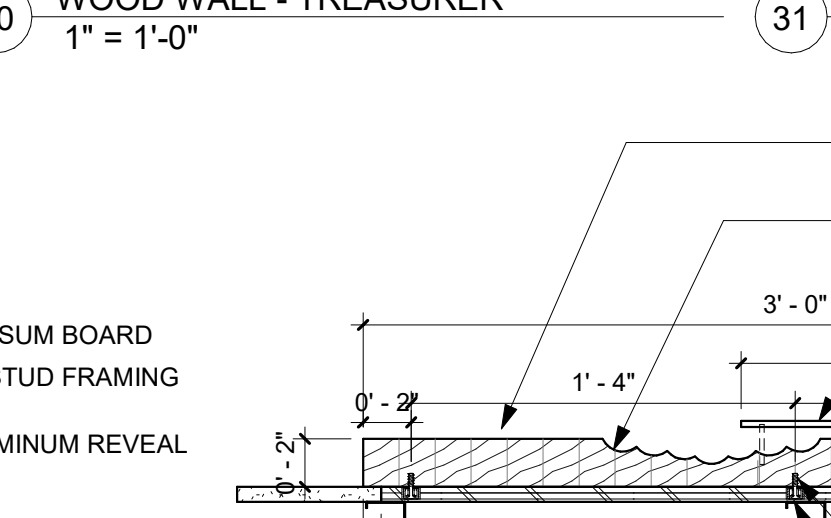
27 BOARDROOM WOOD PANELS
 1" = 1'-0"



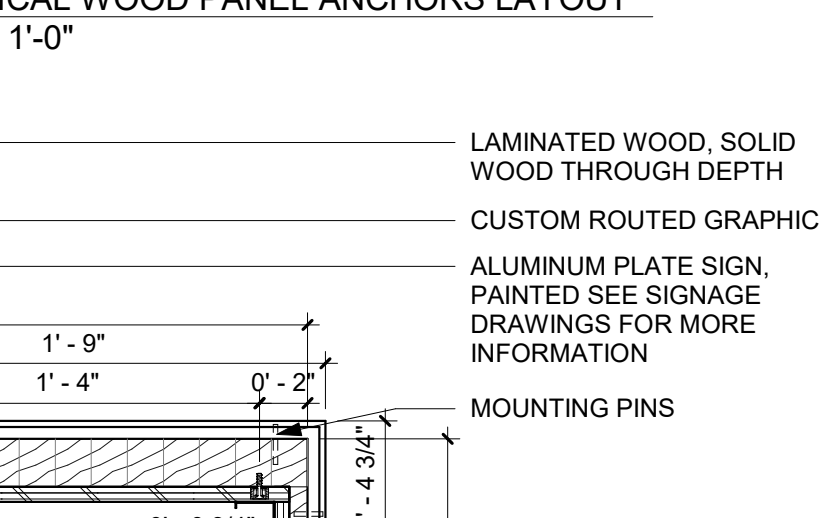
28 BOARDROOM WOOD WALL SECTION
 1" = 1'-0"



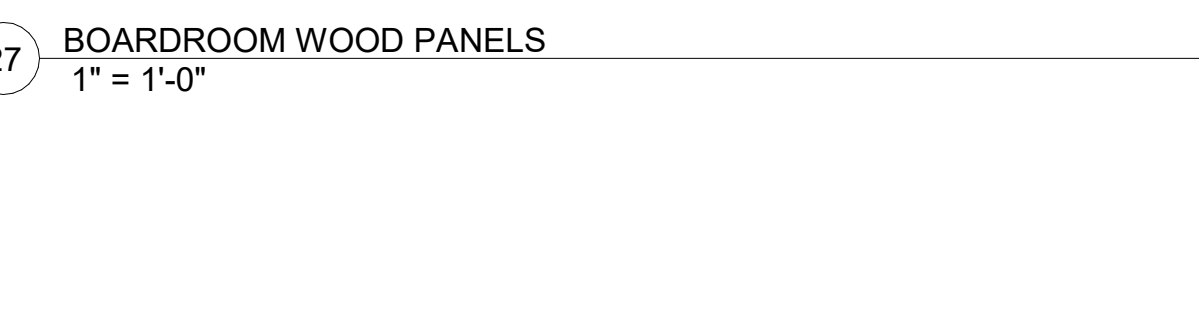
29 WOOD WALL - BOARD OFFICES
 1" = 1'-0"



30 WOOD WALL - TREASURER
 1" = 1'-0"



31 TYPICAL WOOD PANEL ANCHORS LAYOUT
 1" = 1'-0"



32 BOARDROOM WOOD PANELS JOINT DETAIL
 3" = 1'-0"



32 BOARDROOM WOOD WALL END DETAIL
 1 1/2" = 1'-0"



33 SECTION DETAIL - LATITUDINAL
 1 1/2" = 1'-0"

JOHNSON COUNTY
 BOARD OF SUPERVISORS

PIN MOUNTED ALUMINUM LETTERING. SEE SIGNAGE DRAWINGS

CUSTOM CNC ROUTED GRAPHIC

LAMINATED WOOD PANEL WD-2

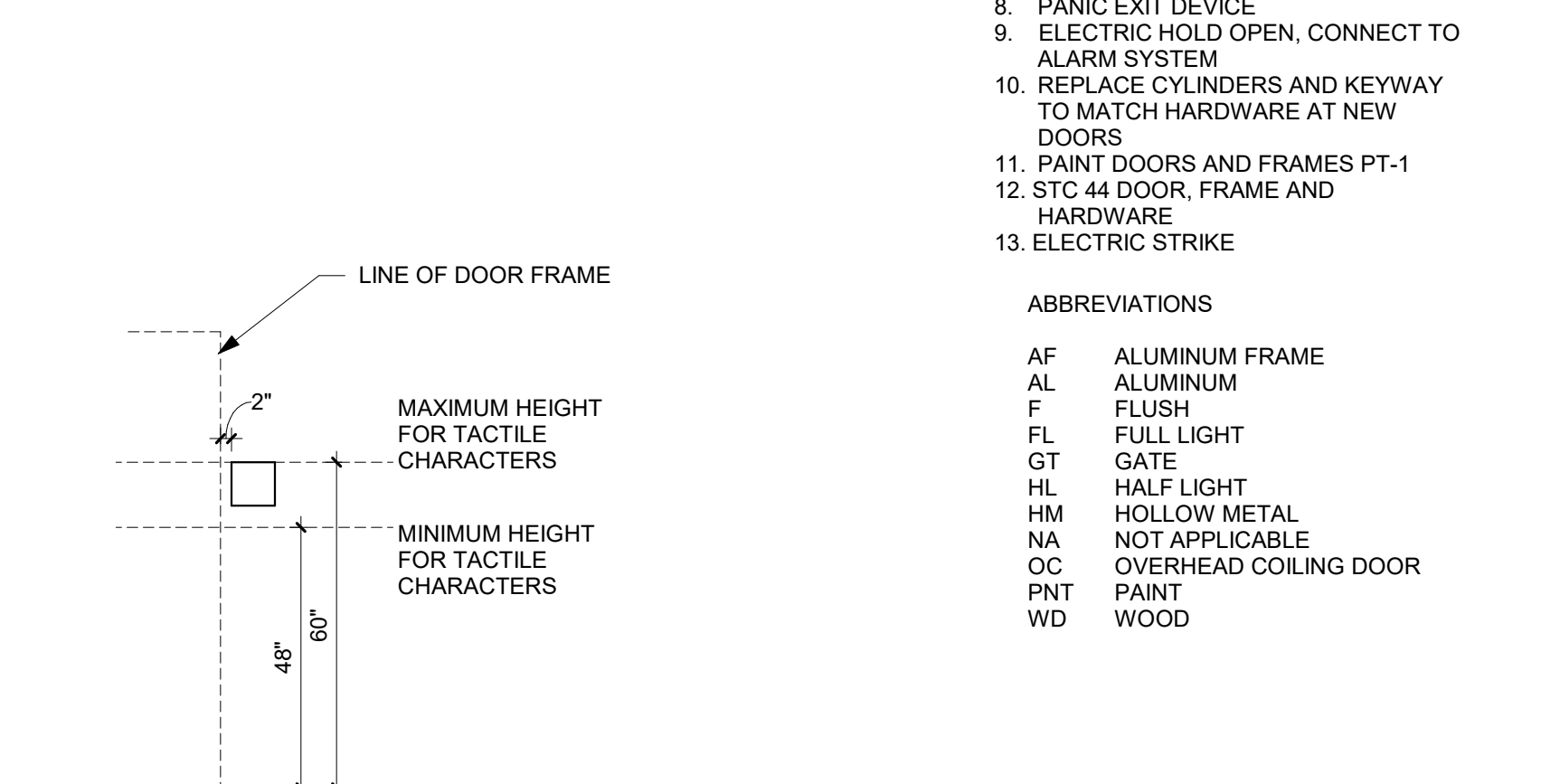
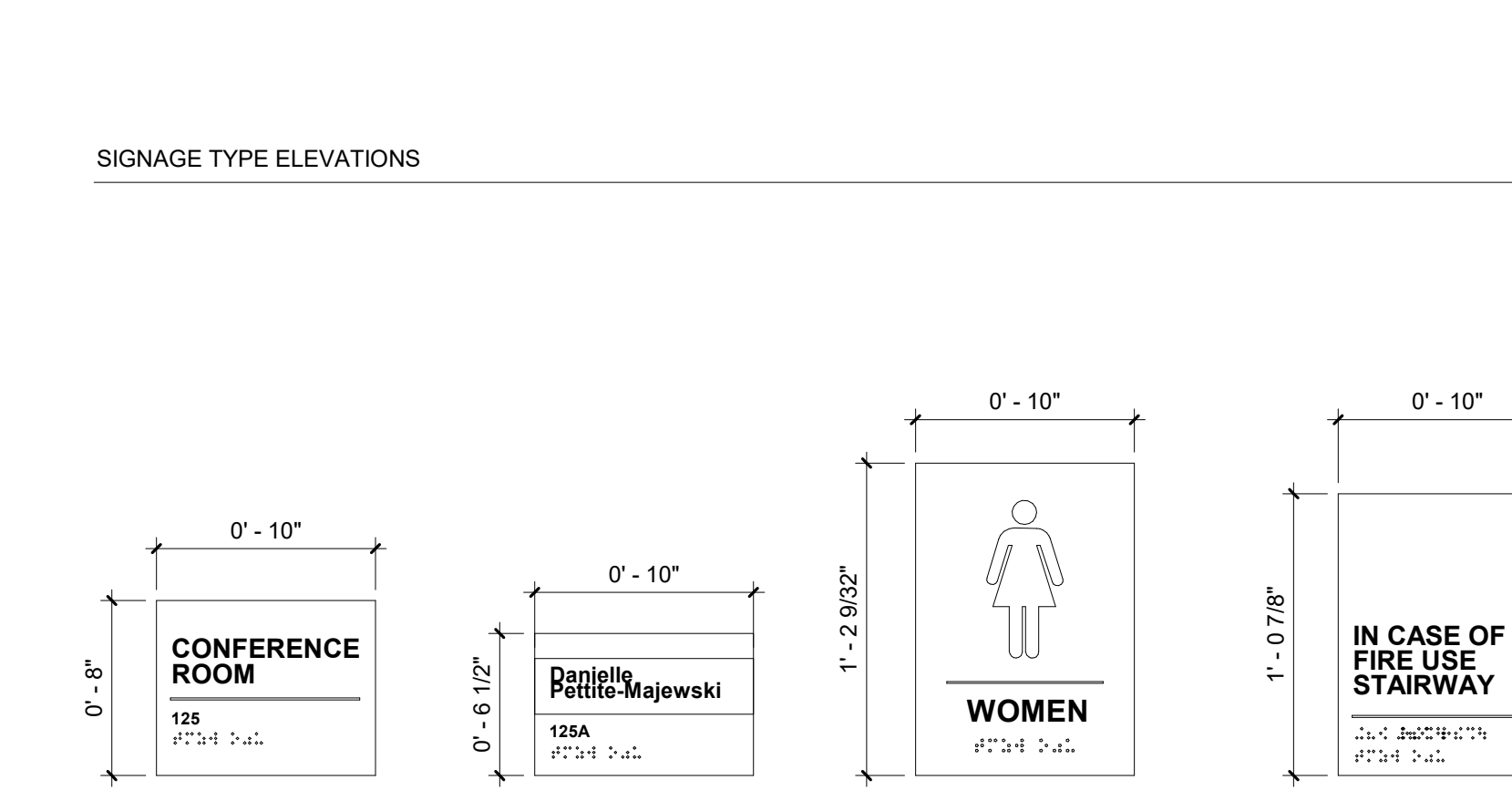
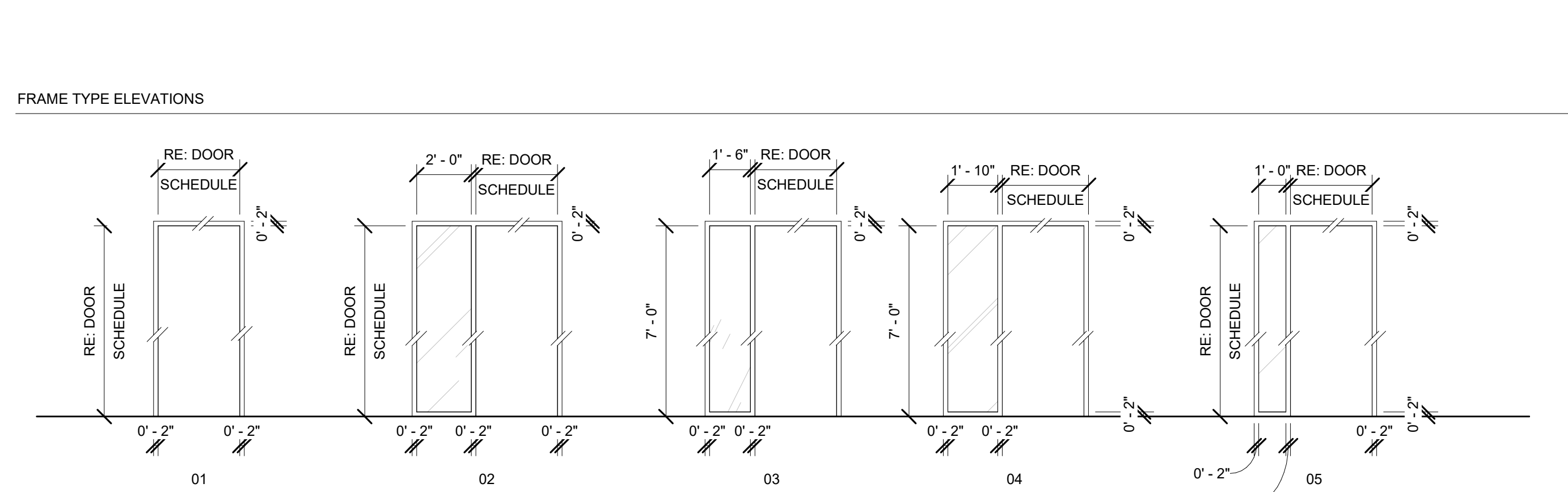
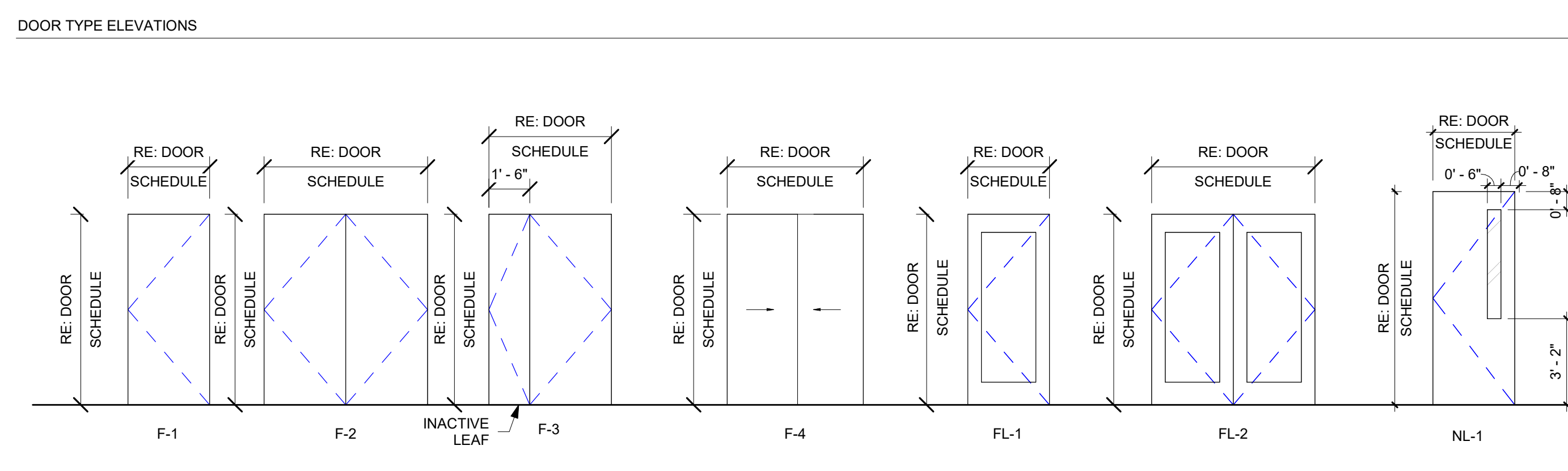
TYPICAL GLIDE CLIP LAYOUT

Revision	Description	Date

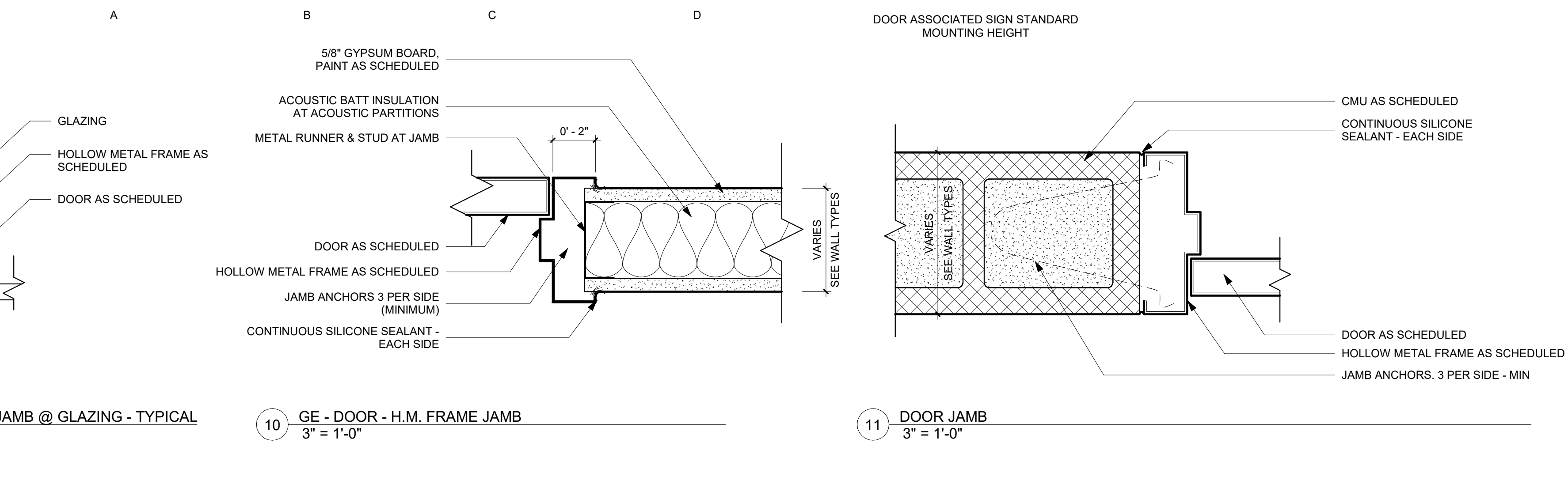
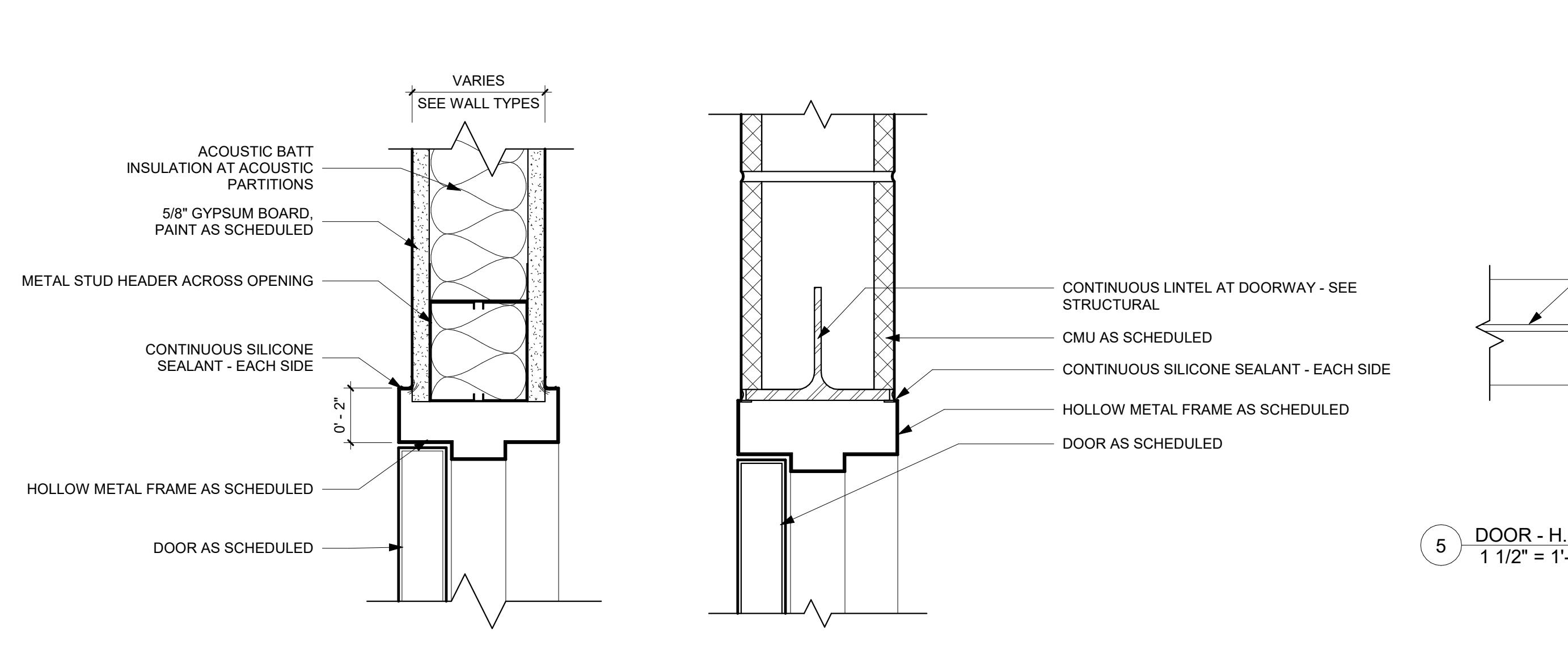
PRINTED: 6/5/2023 10:57:43 AM

- GENERAL NOTES 1. SEE FRAME PLANS AND INTERIOR ELEVATIONS FOR DIMENSIONAL SIZES WITH MATERIAL & GF FRAMES...

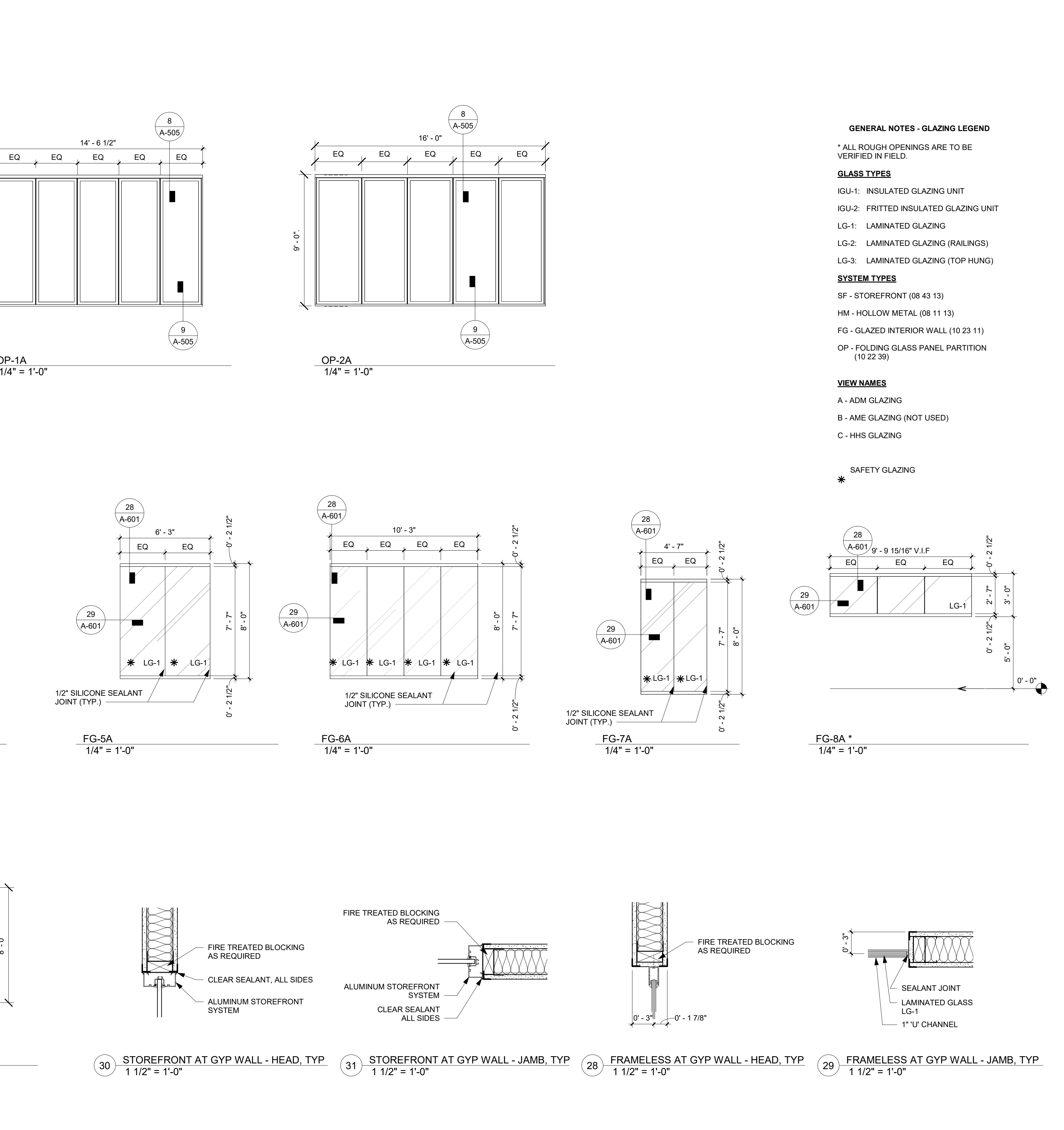
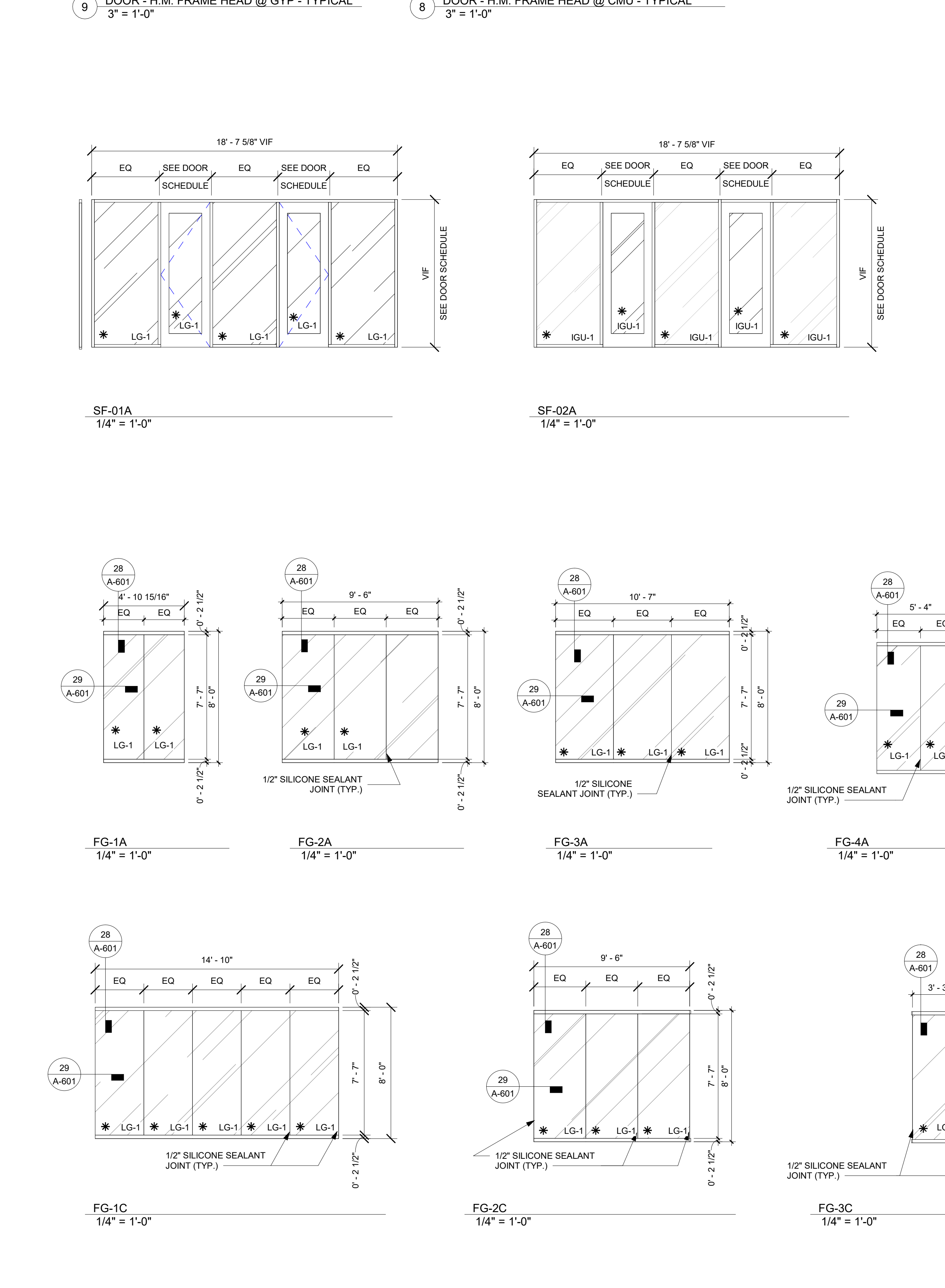
DOOR SCHEDULE - HHS LEVEL 3 TEMPORARY DOORS. Table with columns: DOOR NUMBER, DOOR TYPE, PANEL WIDTH, PANEL HEIGHT, PANEL MATERIAL, PANEL FINISH, FRAME TYPE, FRAME MATERIAL, FRAME FINISH, FIRE RATING, REMARKS.



DOOR SCHEDULE - HHS NEW. Table with columns: DOOR NUMBER, DOOR TYPE, PANEL WIDTH, PANEL HEIGHT, PANEL MATERIAL, PANEL FINISH, FRAME TYPE, FRAME MATERIAL, FRAME FINISH, FIRE RATING, REMARKS.



DOOR SCHEDULE - ADM NEW. Table with columns: DOOR NUMBER, DOOR TYPE, PANEL WIDTH, PANEL HEIGHT, PANEL MATERIAL, PANEL FINISH, FRAME TYPE, FRAME MATERIAL, FRAME FINISH, FIRE RATING, REMARKS.



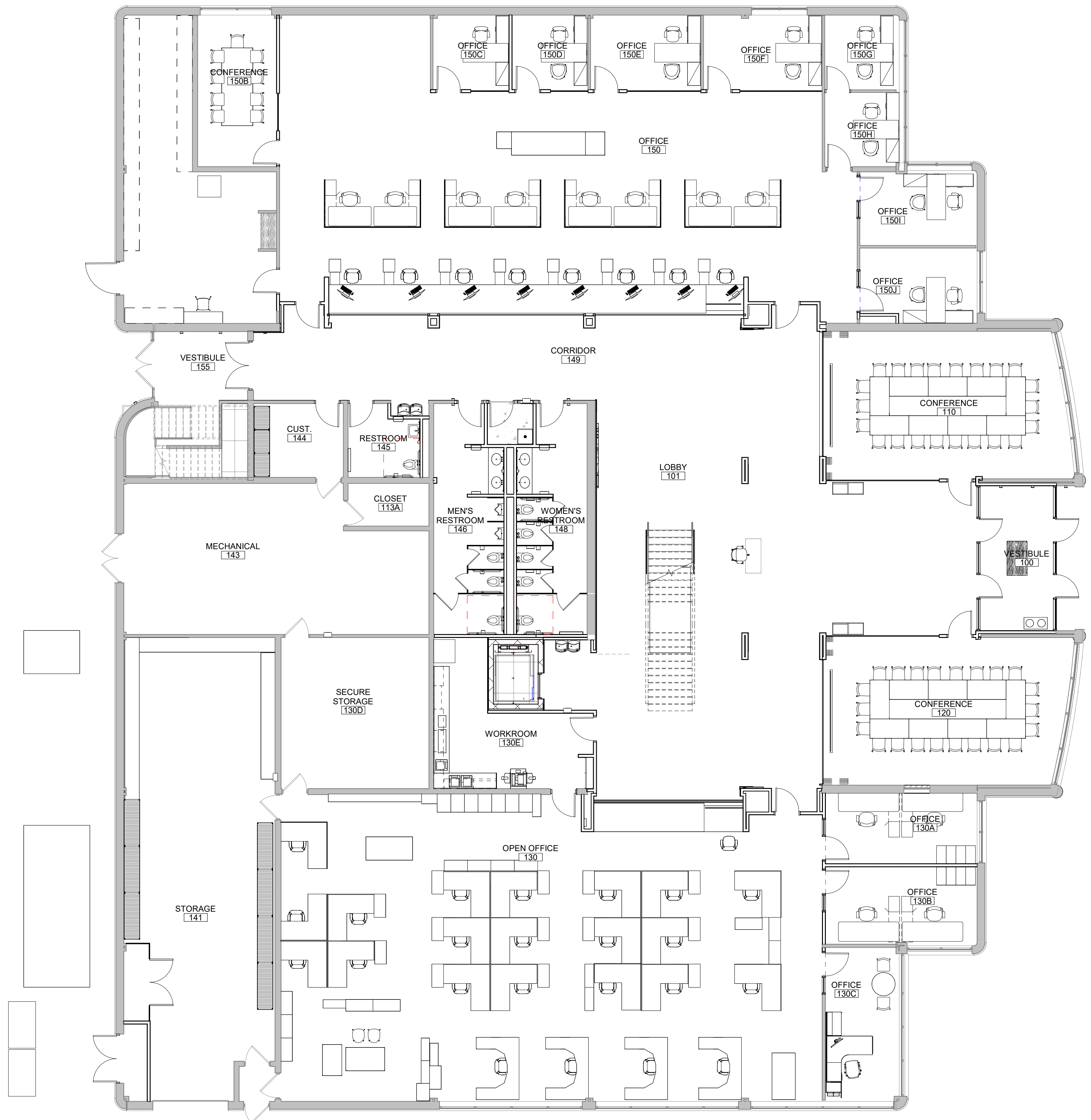
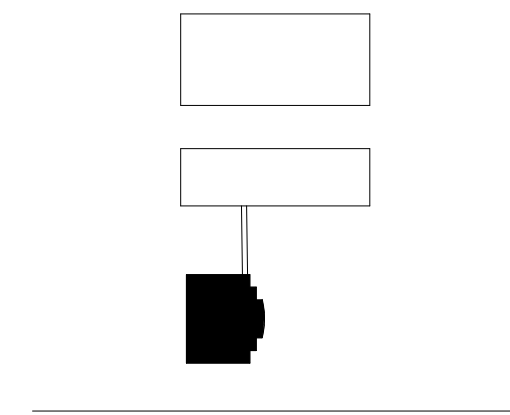
- GENERAL NOTES - GLAZING LEGEND * ALL ROUGH OPENINGS ARE TO BE VERIFIED IN FIELD. GLASS TYPES IGU-1: INSULATED GLAZING UNIT...

JOHNSON COUNTY ADMINISTRATION AND HEALTH & HUMAN SERVICES BUILDINGS REMODELING PROJECT 913 S Dubuque St. Iowa City, IA 52240

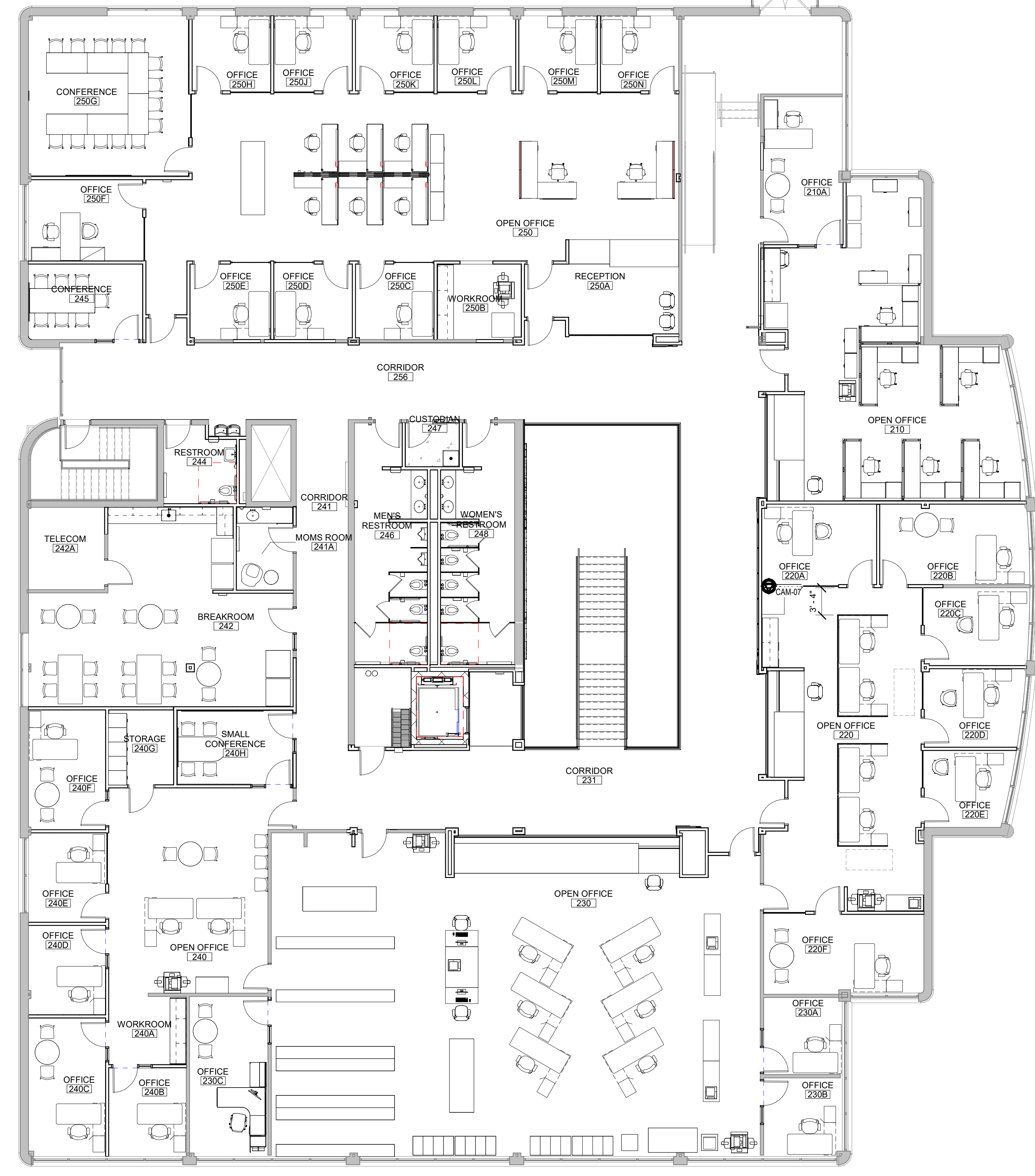
Design Engineers 8801 PRAIRIE VIEW LN SW CEDAR RAPIDS, IA 52404 P. 319-841-1944

Raker Rhodes Engineering 112 E WASHINGTON ST. SUITE B IOWA CITY, IA 52240 P. 319-333-7850





1 ADM - LEVEL 1 FURNITURE PLAN - FOR REFERENCE ONLY
1/8" = 1'-0"



2 ADM - LEVEL 2 FURNITURE PLAN - FOR REFERENCE ONLY
1/8" = 1'-0"



1 HHS - LEVEL 3 FURNITURE PLAN - FOR REFERENCE ONLY
1/8" = 1'-0"

KEYED NOTES

FXD-1	EXISTING TO REMAIN
FXD-2	REVISE EXISTING SPRINKLER HEAD LOCATIONS AS REQUIRED TO ACCOMMODATE TEMPORARY WALL LOCATIONS
FXD-3	DEMOLISH SPRINKLER HEADS TO ACCOMMODATE NEW WORK CONDITIONS

Owner
Johnson County, Iowa

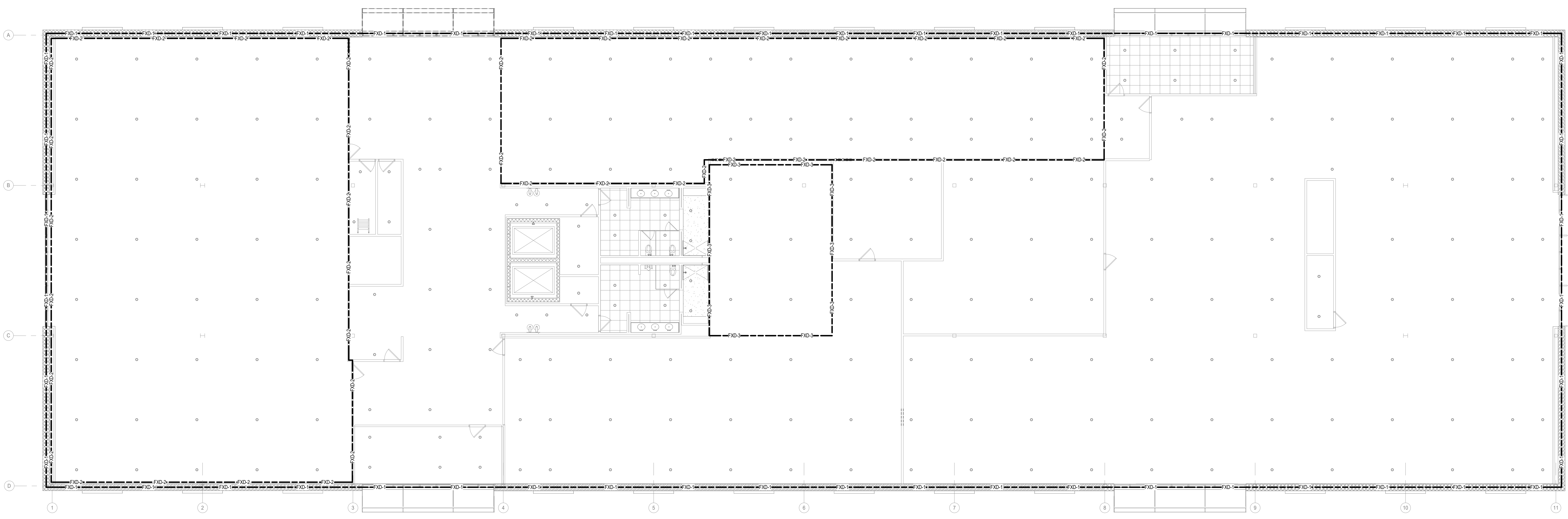
Project
JOHNSON COUNTY ADMINISTRATION AND HEALTH & HUMAN SERVICES BUILDINGS REMODELING PROJECT
913 S Dubuque St.
855 S Dubuque St.
Iowa City, IA 52240

Mechanical Engineer
Design Engineers
8801 PRAIRIE VIEW LN SW
CEDAR RAPIDS, IA 52404
P: 319-841-1944

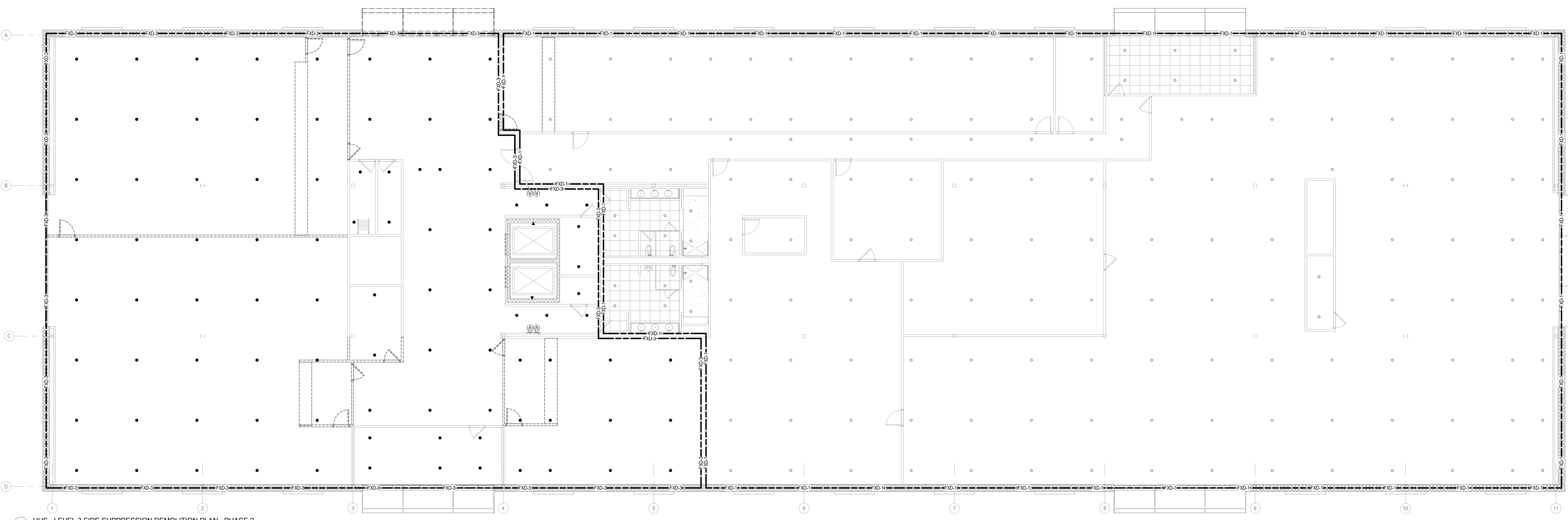
Electrical Engineer
Design Engineers
8801 PRAIRIE VIEW LN SW
CEDAR RAPIDS, IA 52404
P: 319-841-1944

Civil Engineer
Hill & Hill Engineers
1860 BOYSSON ROAD
HIAWATHA, IA 52233
P: 319-362-9548

Mechanical Engineer
Raker Rhodes Engineering
112 E. WASHINGTON ST. SUITE B
IOWA CITY, IA 52240
P: 319-333-7850



2 HHS - LEVEL 3 FIRE SUPPRESSION DEMOLITION PLAN - TEMPORARY
1/8" = 1'-0"



1 HHS - LEVEL 3 FIRE SUPPRESSION DEMOLITION PLAN - PHASE 2
1/8" = 1'-0"

DEMOLITION KEY

—	TO REMAIN
- - -	TO BE REMOVED
○	TO BE REMOVED
●	REVISED
○	EXISTING TO REMAIN

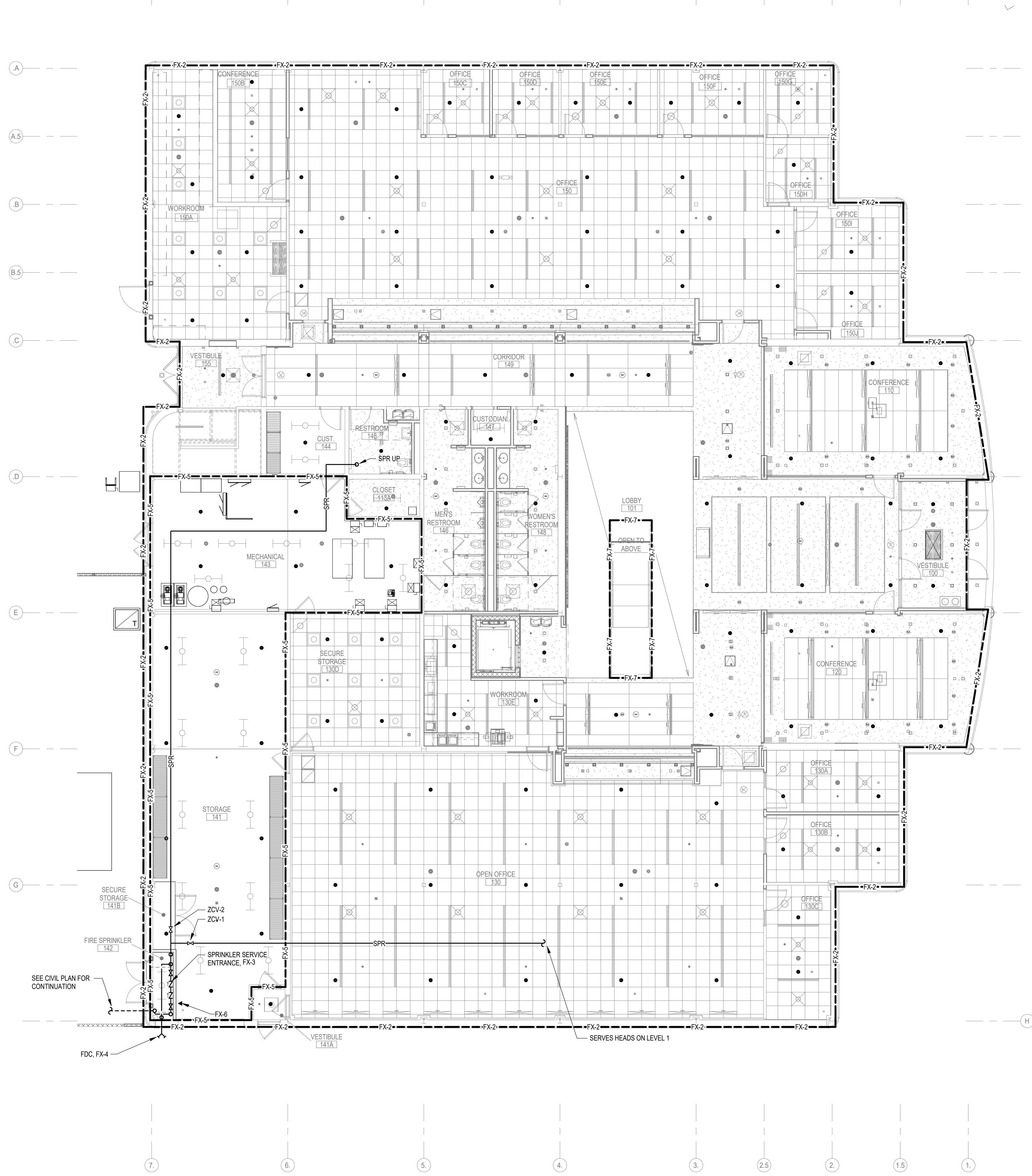
SPRINKLER HEAD DEMO KEY PLAN

○	TO BE REMOVED
●	REVISED
○	EXISTING TO REMAIN

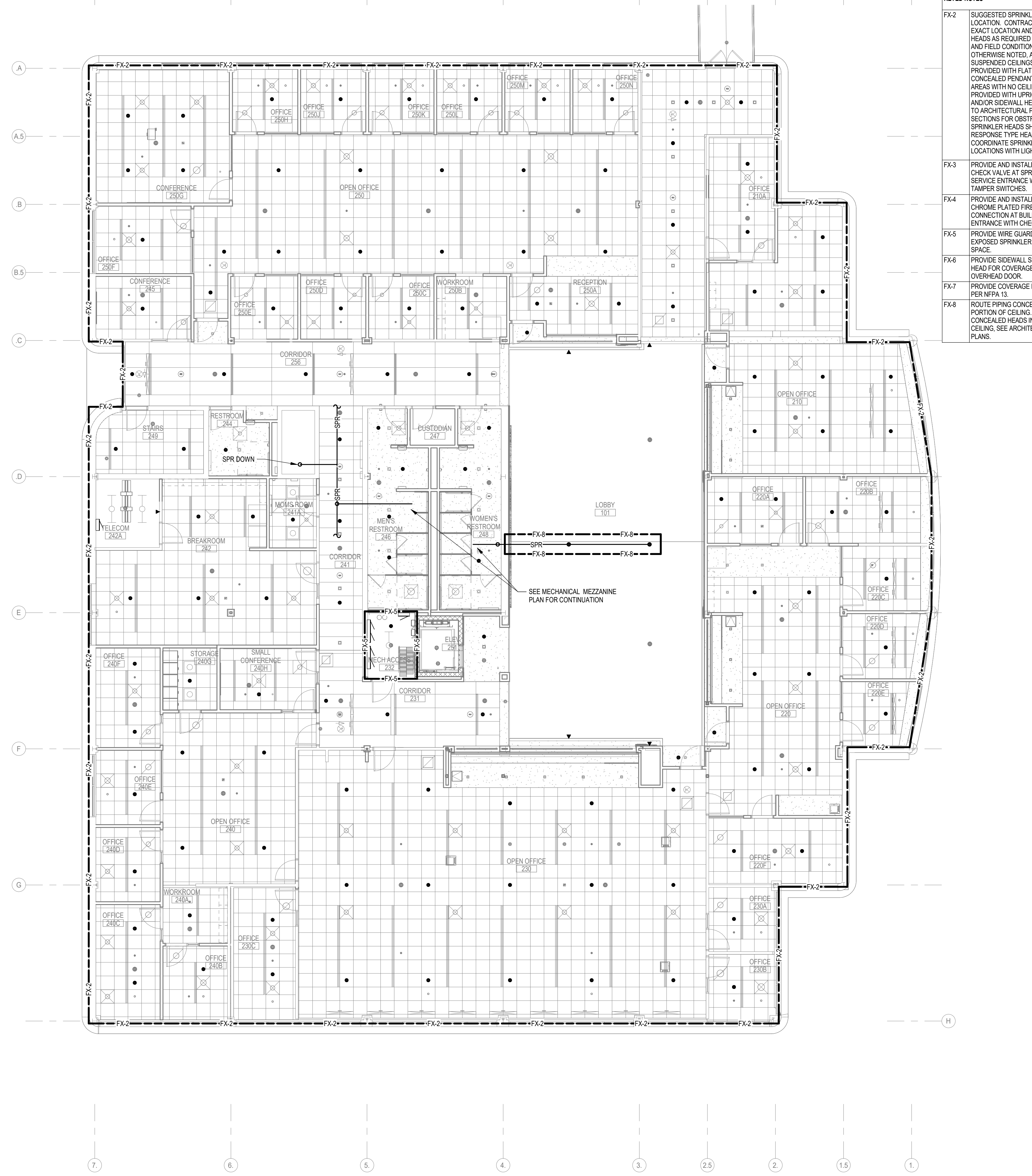
Revision Description Date

KEYED NOTES

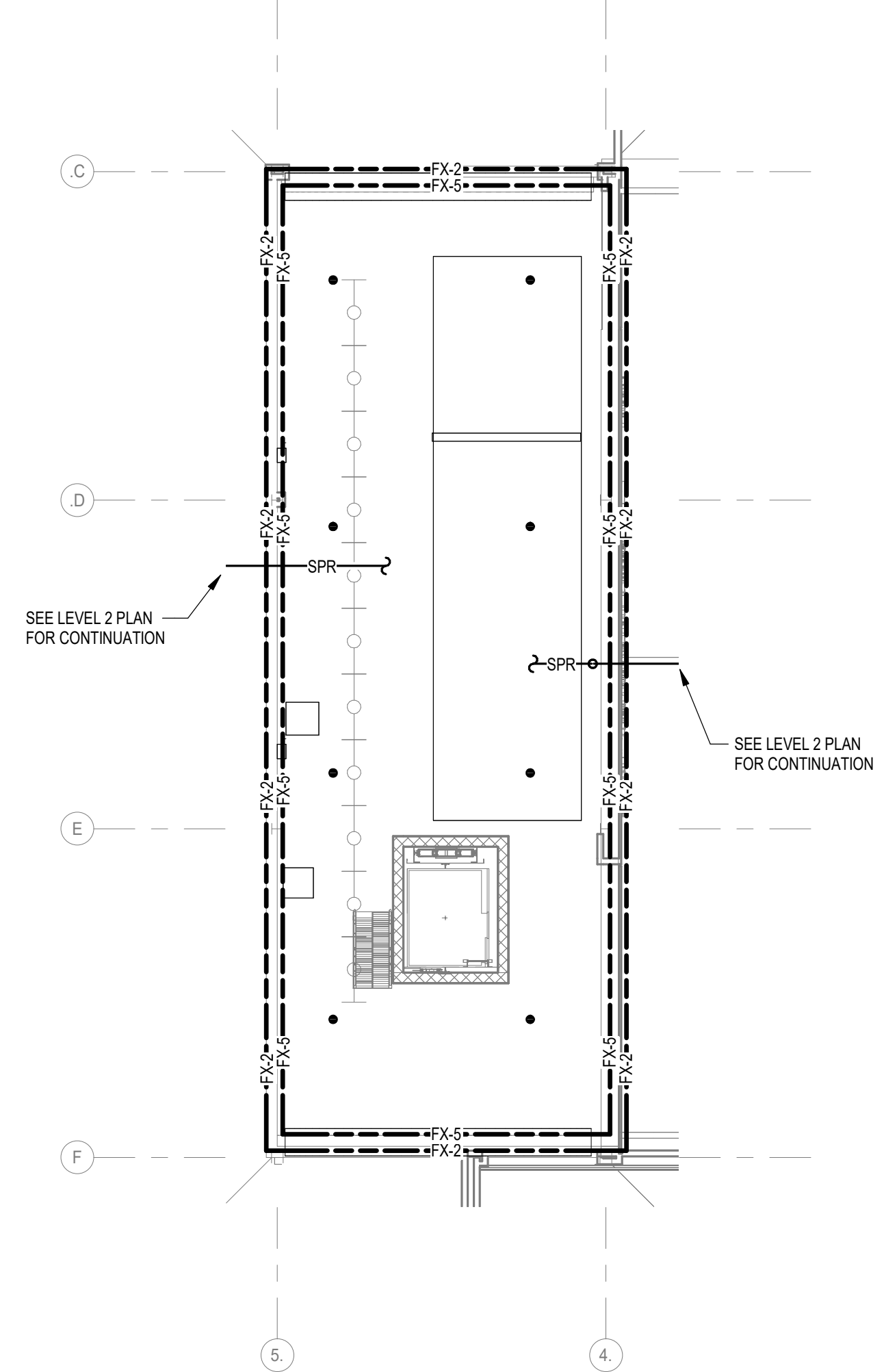
- FX-2 SUGGESTED SPRINKLER HEAD LOCATION. CONTRACTOR TO VERIFY EXACT LOCATION AND QUANTITY OF HEADS AS REQUIRED PER NFPA 13 AND FIELD CONDITIONS. UNLESS OTHERWISE NOTED, ALL AREAS WITH SUSPENDED CEILING TO BE PROVIDED WITH FLAT COVER PLATE CONCEALED PENDANT HEADS. AREAS WITH NO CEILING TO BE PROVIDED WITH UPRIGHT HEADS AND/OR RECESSED HEADS. REFER TO ARCHITECTURAL PLANS AND SECTIONS FOR OBSTRUCTIONS. SPRINKLER HEADS SHALL BE QUICK RESPONSE TYPE HEADS. COORDINATE SPRINKLER HEAD LOCATIONS WITH LIGHTS.
- FX-3 PROVIDE AND INSTALL DOUBLE CHECK VALVE AT SPRINKLER SERVICE ENTRANCE WITH FLOW AND TAMPER SWITCHES.
- FX-4 PROVIDE AND INSTALL FLUSH CHROME PLATED FIRE DEPARTMENT CONNECTION AT BUILDING ENTRANCE WITH CHECK VALVE.
- FX-5 PROVIDE WIRE GUARD ON ALL EXPOSED SPRINKLER HEADS IN THIS SPACE.
- FX-6 PROVIDE SIDEWALL SPRINKLER HEAD FOR COVERAGE BELOW OVERHEAD DOOR.
- FX-7 PROVIDE COVERAGE BELOW STAIRS PER NFPA 13.
- FX-8 ROUTE SPRING CONCEALED IN NEW PORTION OF CEILING. PROVIDE CONCEALED HEADS IN EXISTING CEILING. SEE ARCHITECTURAL PLANS.



1 ADM - LEVEL 1 FIRE SUPPRESSION PLAN
1/8" = 1'-0"



2 ADM - LEVEL 2 FIRE SUPPRESSION PLAN
1/8" = 1'-0"



3 ADM - MECHANICAL MEZZANINE FIRE SUPPRESSION PLAN
1/8" = 1'-0"

NEW WORK KEY

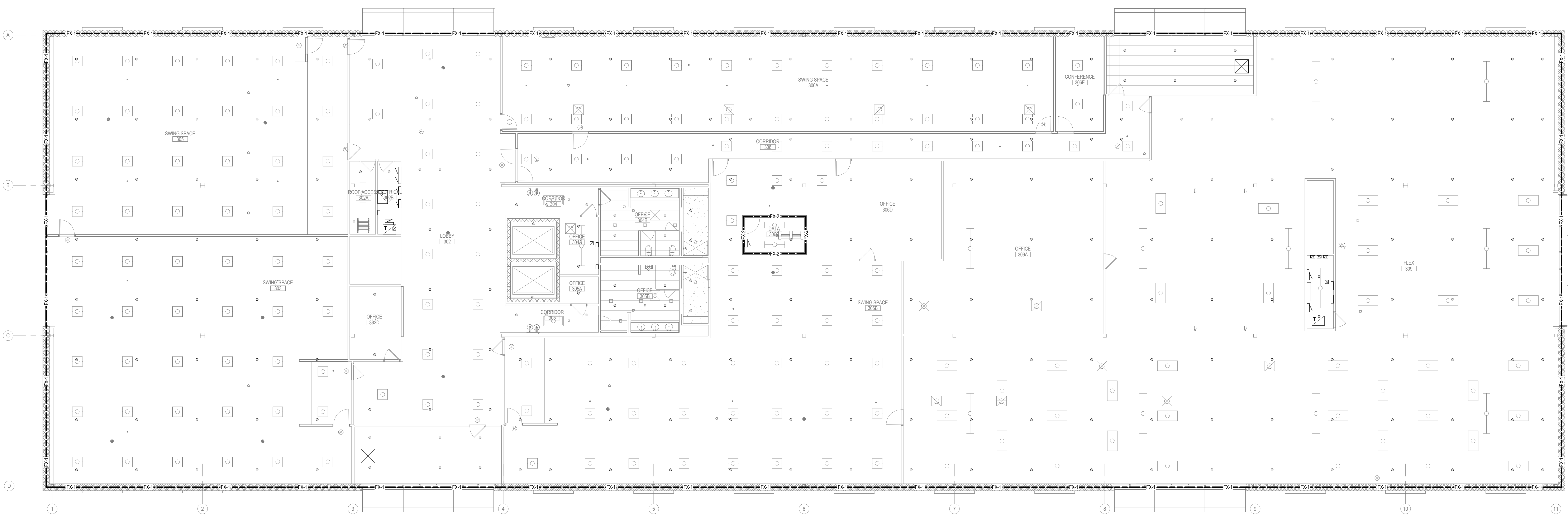
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—	NEW / REVISED

SPRINKLER HEAD NEW WORK KEY PLAN

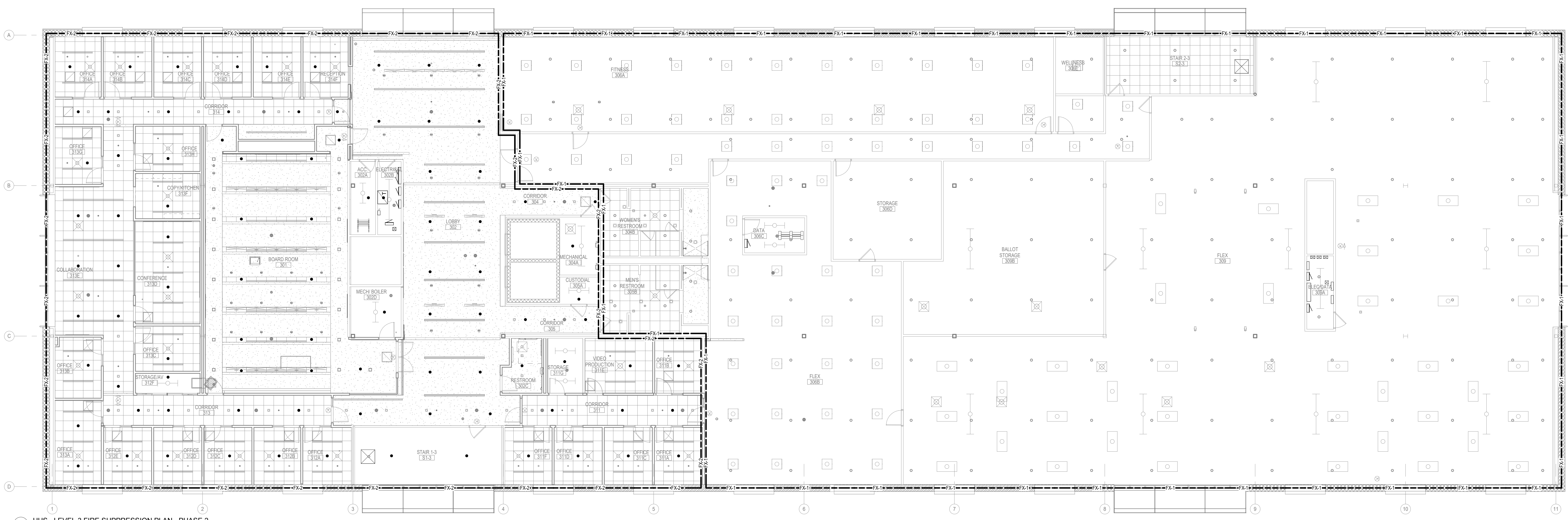
●	NEW / REVISED
○	EXISTING TO REMAIN

Revision Description Date

KEYED NOTES
FX-1 EXISTING TO REMAIN
FX-2 SUGGESTED SPRINKLER HEAD LOCATION. CONTRACTOR TO VERIFY EXACT LOCATION AND QUANTITY OF HEADS AS REQUIRED PER NFPA 13 AND FIELD CONDITIONS. UNLESS OTHERWISE NOTED, ALL AREAS WITH SUSPENDED CEILING TO BE PROVIDED WITH FLAT COVER PLATE CONCEALED PENDANT HEADS. AREAS WITH NO CEILING TO BE PROVIDED WITH UPRIGHT HEADS AND/OR SIDEWALL HEADS. REFER TO ARCHITECTURAL PLANS AND SECTIONS FOR OBSTRUCTIONS. SPRINKLER HEADS SHALL BE QUICK RESPONSE TYPE HEADS. COORDINATE SPRINKLER HEAD LOCATIONS WITH LIGHTS.



2 HHS - LEVEL 3 FIRE SUPPRESSION PLAN - TEMPORARY
1/8" = 1'-0"



1 HHS - LEVEL 3 FIRE SUPPRESSION PLAN - PHASE 2
1/8" = 1'-0"

NEW WORK KEY
 — EXISTING
 — NEW / REVISED

SPRINKLER HEAD NEW WORK KEY PLAN
 ● NEW / REVISED
 ○ EXISTING TO REMAIN

Key Plan

Revision	Description	Date

FIRE SUPPRESSION DEMOLITION KEYED NOTES

- FXD-1 EXISTING TO REMAIN.
- FXD-2 REVERSE EXISTING SPRINKLER HEAD LOCATIONS AS REQUIRED TO ACCOMMODATE TEMPORARY WALL LOCATIONS.
- FXD-3 DEMOLISH SPRINKLER HEADS TO ACCOMMODATE NEW WORK CONDITIONS.

FIRE SUPPRESSION KEYED NOTES

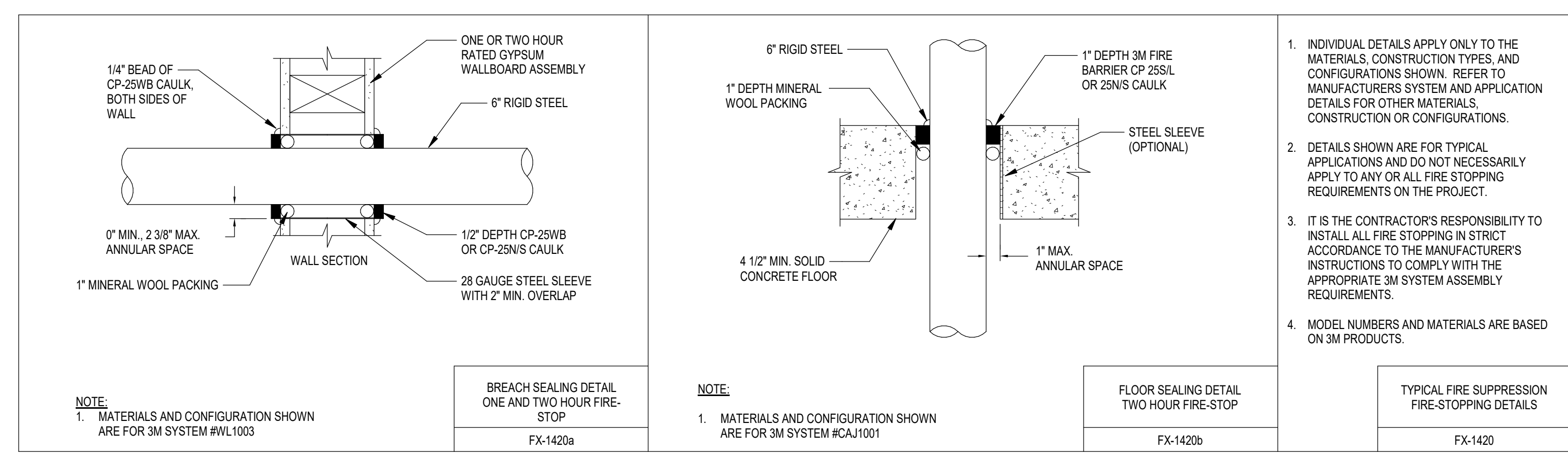
- FX1 EXISTING TO REMAIN
- FX2 SUGGESTED SPRINKLER HEAD LOCATION. CONTRACTOR TO VERIFY EXACT LOCATION AND QUANTITY OF HEADS AS REQUIRED PER NFPA 13 AND FIELD CONDITIONS. UNLESS OTHERWISE NOTED, ALL AREAS WITH SUSPENDED CEILING TO BE PROVIDED WITH FLAT COVER PLATE CONCEALED PENDANT HEADS. AREAS WITH NO CEILING TO BE PROVIDED WITH UPRIGHT HEADS AND/OR SIDEWALL HEADS. REFER TO ARCHITECTURAL PLANS AND SECTIONS FOR DISTRIBUTION. SPRINKLER HEADS SHALL BE QUICK RESPONSE TYPE HEADS. COORDINATE SPRINKLER HEAD LOCATIONS WITH LIGHTS.
- FX3 PROVIDE AND INSTALL DOUBLE CHECK VALVE AT SPRINKLER SERVICE ENTRANCE WITH FLOW AND TAMPER SWITCHES.
- FX4 PROVIDE AND INSTALL FLUSH CHROME PLATED FIRE DEPARTMENT CONNECTION AT BUILDING ENTRANCE WITH CHECK VALVE.
- FX5 PROVIDE SIDEWALL SPRINKLER HEAD FOR COVERAGE BELOW OVERHEAD DOOR.
- FX6 PROVIDE WIRE GUARD ON ALL EXPOSED SPRINKLER HEADS IN THIS SPACE.
- FX7 PROVIDE COVERAGE BELOW STAIRS PER NFPA 13.
- FX8 ROUTE PIPING CONCEALED IN NEW PORTION OF CEILING. PROVIDE CONCEALED HEADS IN EXISTING CEILING. SEE ARCHITECTURAL PLANS.

GENERAL FIRE SUPPRESSION DEMOLITION NOTES:

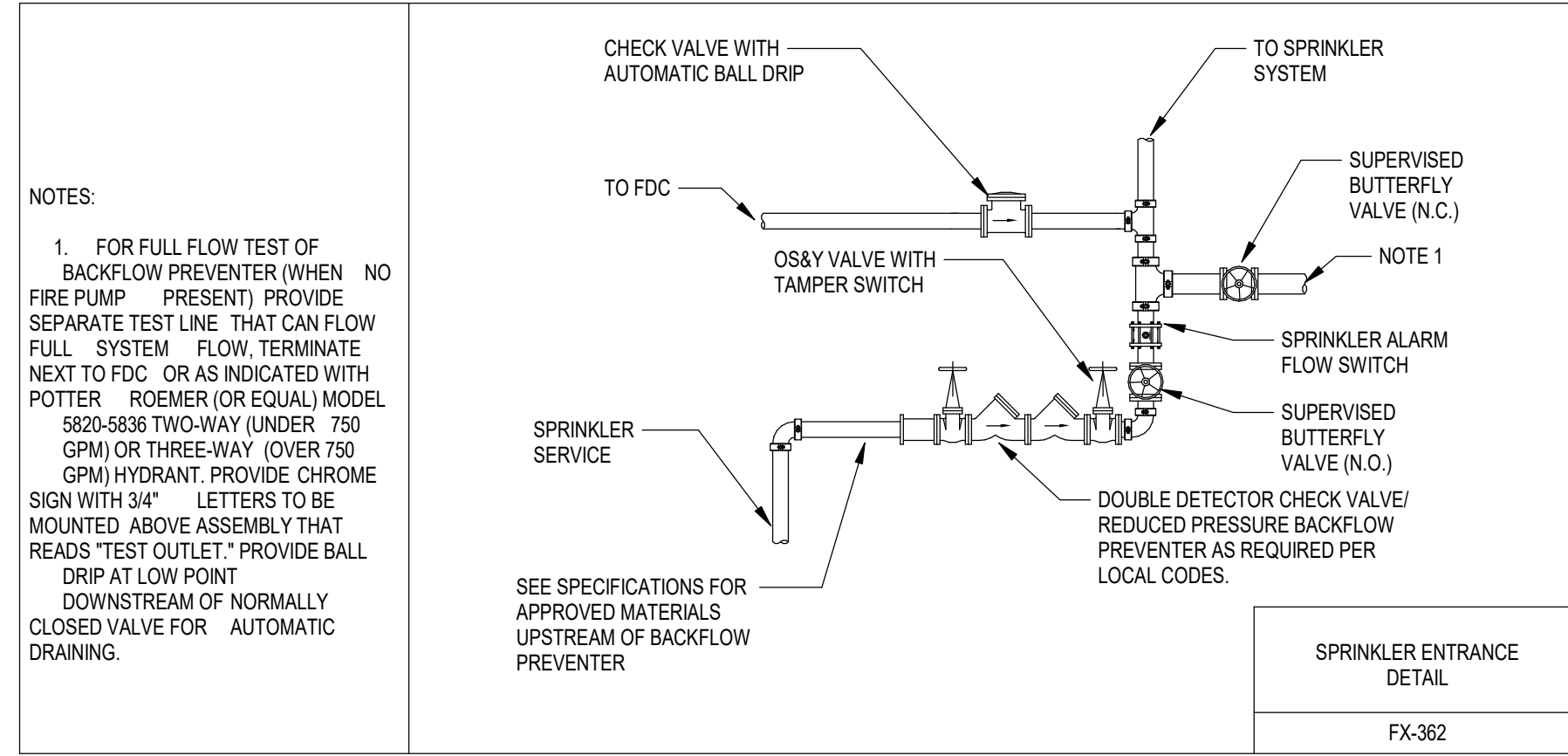
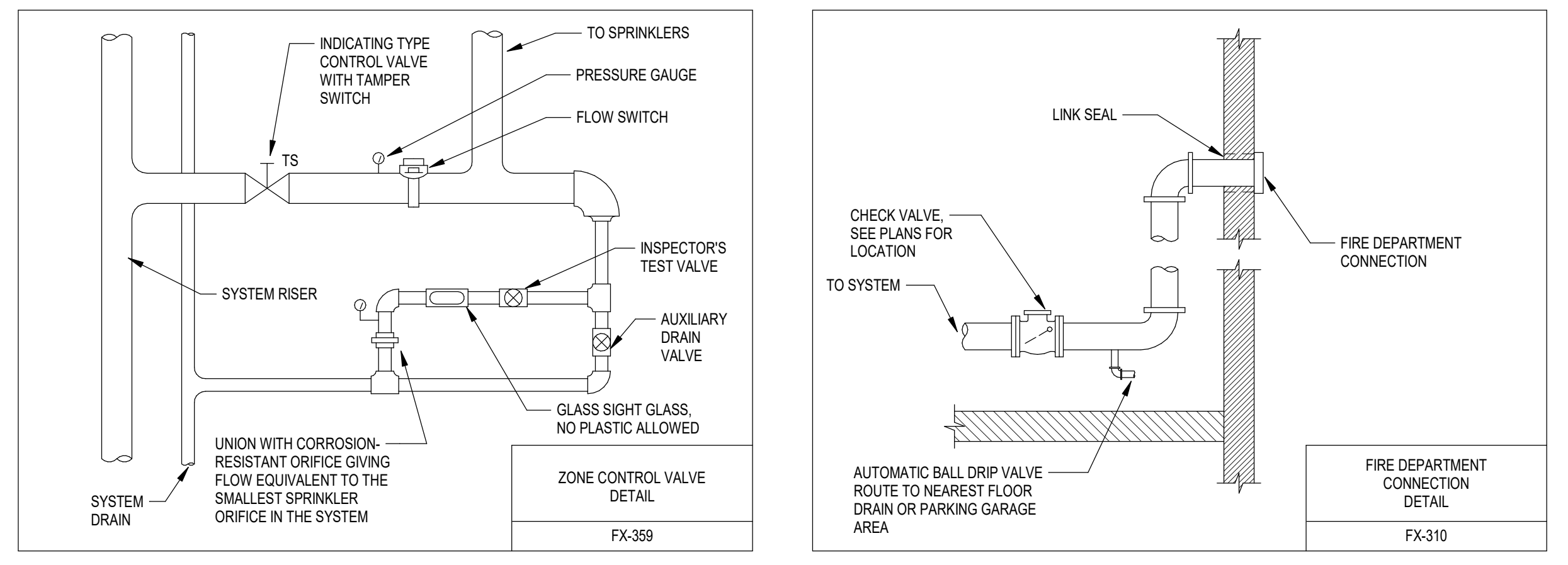
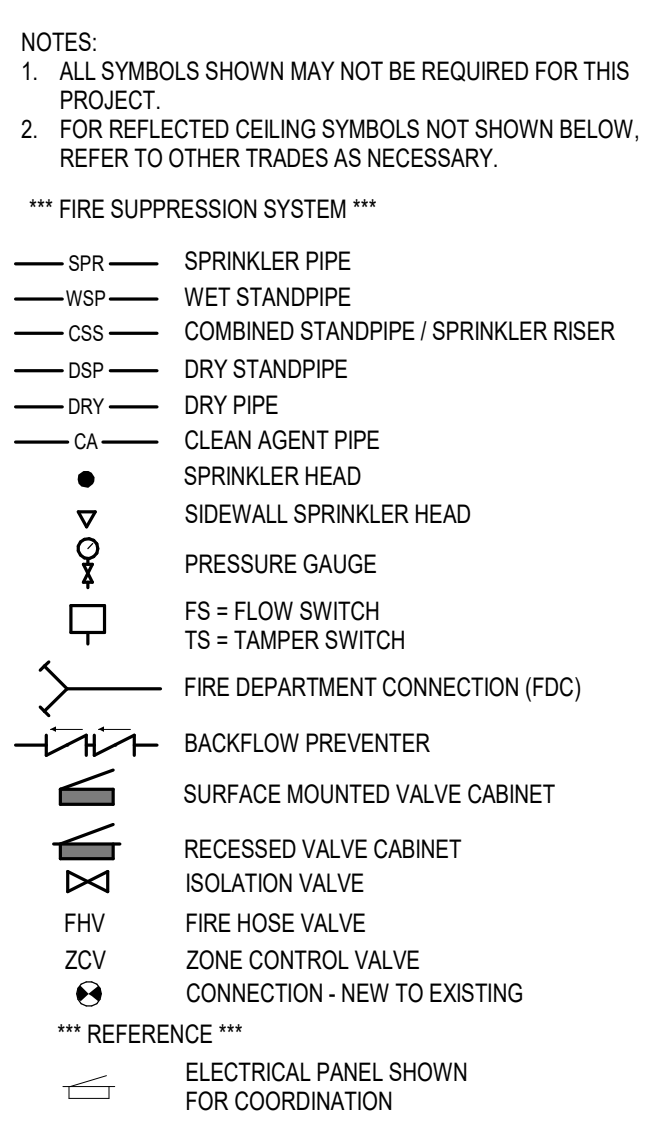
1. REFER TO DEMOLITION KEY FOR ITEMS TO BE REMOVED VERSUS ITEMS TO REMAIN.
2. SHUT DOWN OF EXISTING FIRE SUPPRESSION SYSTEMS TO BE REQUESTED AND COORDINATED THROUGH OWNER'S REPRESENTATIVE IN ACCORDANCE WITH DIVISION 05 AND 01 SPECIFICATIONS.
3. NOTIFY THE OWNER'S REPRESENTATIVE PRIOR TO CREATING ANY SMOKE, HEAT, MOISTURE, VAPORS OR DUST AROUND ANY FIRE ALARM EQUIPMENT.
4. SCHEDULE FOR ALL WORK IMPACTING ADJACENT OCCUPIED AREAS SHALL BE COORDINATED WITH OWNER'S REPRESENTATIVE. WORK TO BE PERFORMED IN A MANNER THAT MINIMIZES THE INTERRUPTIONS AND INCONVENIENCE TO THE OWNER'S OCCUPANCY OF THESE SPACES.
5. COORDINATE SCHEDULE FOR RELOCATION OF ALL PIPING WITH THE OWNER'S REPRESENTATIVE. DOWNTIME FOR ALL SYSTEMS TO BE MINIMIZED.
6. WHERE PIPING THROUGH A FLOOR OR A WALL IS REMOVED, PATCH ALL REMAINING HOLES TO MATCH EXISTING AND TO PROVIDE THE REQUIRED FIRE RATING.
7. WHERE EXISTING PIPING TO BE REMOVED IS ROUTED IN AN EXISTING WALL OR FLOOR SLAB TO REMAIN, PIPING TO BE CAPPED AND ABANDONED IN WALL AND/OR SLAB.
8. FOR ALL WORK REQUIRED ABOVE EXISTING CEILING TO REMAIN (EITHER WITHIN OR OUTSIDE THE PROJECT AREA) CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND REINSTALLATION OF ALL CEILING TILE AS REQUIRED TO ACCOMPLISH THE WORK. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR TYPES AND EXTENT OF BOTH EXISTING AND NEW CEILING THROUGHOUT PROJECT.
9. UNLESS SPECIFICALLY NOTED OTHERWISE, WHERE EQUIPMENT IS INDICATED TO BE REMOVED, DEMOLITION WORK SHALL INCLUDE REMOVAL OF ASSOCIATED CONCRETE EQUIPMENT PAD AND/OR SUPPORT STEEL AND HANGERS.
10. ALL WORK WILL BE COMPLETED IN MULTIPLE SEQUENCES. THE BUILDING WILL REMAIN OCCUPIED AND IN USE FOR THE DURATION OF CONSTRUCTION. REFER TO SEQUENCING PLANS, SPECIFICATIONS AND SEQUENCING NOTES FOR ADDITIONAL INFORMATION.
11. ALL ASBESTOS TO BE ABATED UNDER A SEPARATE CONTRACT.

GENERAL FIRE SUPPRESSION NOTES:

1. SHUT DOWN OF EXISTING FIRE SUPPRESSION SYSTEMS TO BE REQUESTED AND COORDINATED THROUGH OWNER'S REPRESENTATIVE IN ACCORDANCE WITH DIVISION 05 AND 01 SPECIFICATIONS.
2. PROVIDE NEW FIRE SUPPRESSION SYSTEM FOR ENTIRE ADMIN BUILDING IN ACCORDANCE WITH NFPA 13. PROVIDE MODIFIED FIRE SUPPRESSION SYSTEM FOR THIRD FLOOR OF THIS BUILDING IN ACCORDANCE WITH NFPA 13.
 - a. COORDINATE FINAL SPRINKLER HEAD PLACEMENT WITH CEILING, EXPOSED STRUCTURE, LIGHTS, DUCTWORK AND PIPING. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN. UNLESS NOTED OTHERWISE, ALL SPRINKLER HEADS ARE TO BE CENTERED IN CEILING TILES.
 - b. PROVIDE SPRINKLER INSPECTOR'S TEST STATIONS AS REQUIRED BY CODE. FIELD COORDINATE LOCATIONS WITH GENERAL CONTRACTOR AND ARCHITECT. DRAIN TO NEAREST JANITOR'S SINK OR FLOOR DRAIN.
3. PROVIDE NEW WET SPRINKLER SYSTEM FOR AREAS WITH SUGGESTED SPRINKLER HEAD LOCATIONS AS SHOWN. SPRINKLER SYSTEM TO BE PROVIDED IN ACCORDANCE WITH THE REQUIREMENTS OF NFPA 13. COORDINATE EXACT ROUTING OF PIPING AND QUANTITY AND PLACEMENT OF SPRINKLER HEADS WITH REFLECTED CEILING PLAN. SPRINKLER HEADS TO BE QUICK RESPONSE HEADS. TEMPERATURE RATING OF 155 DEGREES F UNLESS NOTED OTHERWISE. IN AREAS WITH SUSPENDED CEILING, ALL SPRINKLER HEADS ARE TO BE CONCEALED PENDANT HEADS. AREAS WITH NO CEILING, PROVIDE UPRIGHT HEADS. ALL OFFICE, CLASSROOM AND CIRCULATION AREAS ARE TO BE CLASSIFIED AS LIGHT HAZARD OCCUPANCY EXCEPT WHERE SPECIFICALLY NOTED OTHERWISE. ALL REMAINING AREAS, INCLUDING ALL STORAGE AREAS ARE TO BE CLASSIFIED AS ORDINARY HAZARD, GROUP 2.
4. PROVIDE COVERAGE ABOVE AND BELOW DUCTWORK AS REQUIRED BY NFPA 13. SEE MECHANICAL PLANS FOR DUCTWORK SIZES AND LOCATIONS.
5. DRAWINGS ARE IN PART DIAGRAMMATIC, INTENDED TO CONVEY THE SCOPE OF WORK, AND TO INDICATE THE GENERAL LOCATIONS OF EQUIPMENT, PIPING. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND LAYOUT THEIR OWN WORK ACCORDING TO THE FOLLOWING GUIDELINES:
 - a. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATIONS FOR EQUIPMENT AND ROUGH-INS AND THE EXACT ROUTING OF PIPING PRIOR TO CONSTRUCTION SO AS TO BEST FIT THE LAYOUT OF THE WORK. COORDINATE FINAL LAYOUT WITH ALL TRADES.
 - b. WHERE OFFSETS IN PIPING ARE REQUIRED TO COORDINATE THE WORK OF OTHER TRADES, WITH STRUCTURE, PIPING, CONDUIT, DUCTWORK ETC. OR TO MAINTAIN REQUIRED CEILING HEIGHTS, THEY SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.
 - c. UNLESS OTHERWISE NOTED, ALL PIPING TO BE ROUTED CONCEALED IN WALLS OR CHASES OR ABOVE SUSPENDED CEILING. WATER PIPING SHALL NOT BE ROUTED IN EXTERIOR WALLS. COORDINATE LAYOUT WITH EXISTING CONDITIONS AND ALL OTHER TRADES. ROUTE ALL PIPING AS HIGH AS POSSIBLE AND AVOID WALLS TO MAXIMIZE SPACE AVAILABLE FOR OTHER TRADES.
 - d. COORDINATE ROUTING OF PIPING TO MAINTAIN ACCESS TO FILTERS, MOTORS, ELECTRICAL EQUIPMENT, AND CONTROLS. IN NO CASE, SHALL PIPING PASS DIRECTLY OVER ELECTRICAL PANELS OR DISCONNECT OR RESTRICT ACCESS TO ANY ELECTRICAL EQUIPMENT INCLUDING JUNCTION BOXES.
6. EXPOSED PIPING EXPOSED SHALL NOT HAVE ANY VISIBLE FIELD MARKINGS AND PIPE SURFACES SHALL BE CLEANED AFTER INSTALLATION.
7. ALL ELEMENTS OF THE CONSTRUCTION SHALL BE PERFORMED BY TRADES PEOPLE SKILLED IN THE PARTICULAR CRAFT INVOLVED, AND REGULARLY EMPLOYED IN THAT PARTICULAR CRAFT. ALL WORK SHALL BE PERFORMED IN A NEAT, PROFESSIONAL MANNER IN KEEPING WITH THE HIGHEST STANDARDS OF THE CRAFT.
8. COORDINATE LOCATIONS AND SIZES OF OPENINGS IN STRUCTURE WITH GENERAL CONTRACTOR WHEN ADDITIONAL CUTTING AND PATCHING IS REQUIRED DUE TO THE SUPPRESSION CONTRACTOR'S FAILURE TO COORDINATE THIS WORK. IT SHALL BE THE FIRE SUPPRESSION CONTRACTOR'S RESPONSIBILITY TO PROVIDE THE ADDITIONAL CUTTING AND PATCHING. SEAL AND/OR FIRE STOP ALL PENETRATIONS AS REQUIRED.
9. PROVIDE ALL REQUIRED SUPPORT STEEL FOR PIPING AND EQUIPMENT.
10. WHERE THERE IS NO CEILING INDICATED NEW PIPING WILL BE ROUTED EXPOSED WITHIN ROOM. ALL EXPOSED PIPING (INCLUDING HANGERS) SHALL BE PAINTED TO MATCH ADJACENT WALL/COLOR.
11. THE SPACE ABOVE CEILING IN ALL AREAS IS OTHERWISE LIMITED AND COORDINATION OF WORK IS MANDATORY.
12. PROVIDE WIRE GUARDS ON ALL EXPOSED SPRINKLER HEADS IN ELECTRICAL ROOMS AND TELECOM ROOMS.
13. PROVIDE GUARDS FOR HEADS THAT ARE SUSCEPTIBLE TO MECHANICAL DAMAGE, SUCH AS THOSE INSTALLED IN GYMNASIUMS OR WITHIN SEVEN FEET OF THE FLOOR.



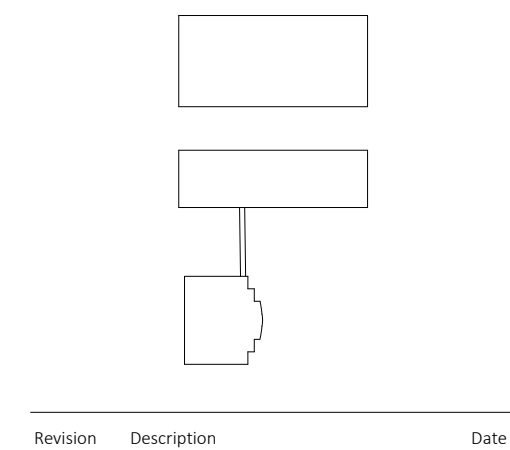
FIRE SUPPRESSION SYMBOLS



GENERAL STRUCTURE NOTES:

1. THE LOCATION AND SIZE OF ANY HOLES THROUGH STRUCTURE WILL REQUIRE REVIEW AND APPROVAL OF STRUCTURAL ENGINEER.
2. IT IS ASSUMED THAT ALL PIPING THAT DOES NOT EXPAND AND CONTRACT WILL BE SUPPORTED AT EACH FLOOR RATHER THAN AS A POINT LOAD AT ONE LOCATION.
3. COORDINATE THE EXACT LOCATION OF FLOOR OPENINGS TO MISS STEEL BEAMS AND OPEN WEB FLOOR JOISTS.
4. IT IS ASSUMED THAT ALL HORIZONTAL PIPING WILL BE SUPPORTED ON INTERVALS OF 10' ON CENTER OR LESS. DO NOT SUSPEND EQUIPMENT FROM METAL ROOF DECKING.
5. CONTRACTOR TO COORDINATE EXACT SIZE AND LOCATIONS OF ALL HOUSEKEEPING PADS PRIOR TO POURING OF CONCRETE.
6. CONTRACTOR TO BLOCK OUT DUCTWORK OPENINGS AND SLEEVE PIPING AND CONDUIT OPENINGS IN FLOORS AND IN FIRE RATED CONCRETE AT BOTTOM AND TOP OF EACH SHAFT. REFER TO STRUCTURAL PLANS FOR TYPICAL DETAILS FOR OPENINGS IN FLOORS.
7. OPENINGS IN LOAD BEARING CMU WALLS AND PRECAST WALL PANELS, NOT SPECIFICALLY DETAILED ON DRAWINGS, SHALL BE COORDINATED BY CONTRACTOR. REFER TO STRUCTURAL PLANS FOR SPECIFIC LOCATIONS OF LOAD BEARING CMU WALLS AND PRECAST WALL PANELS.
8. CONTRACTOR TO COORDINATE THE SPECIFIC SIZE AND LOCATION FOR ALL OPENINGS REQUIRED IN HOLLOW CORE SLABS IN ALL PROBABLE AREAS OF THE BUILDING. CUTTING OF HOLLOW CORE TENDONS IS PROHIBITED AND THE CONTRACTOR SHALL TAKE SPECIAL CARE WHEN LOCATING CORE DRILLED HOLES. ALL CORE DRILLED HOLES SHALL BE LOCATED IN THE VOID SPACES OF THE PRECAST PLANKS.

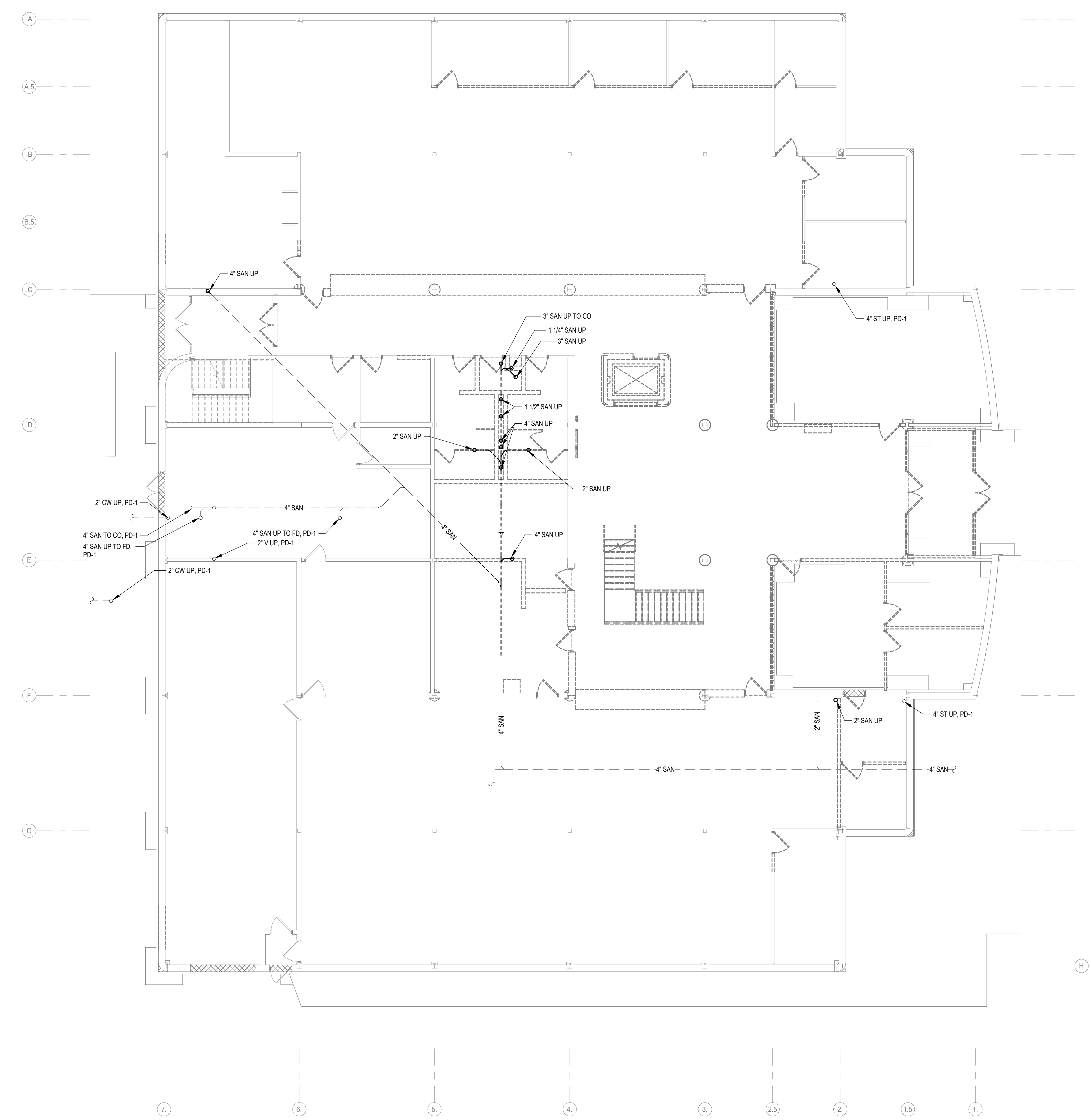
Key Plan:



Revision	Description	Date

KEYED NOTES

PD-1	EXISTING TO REMAIN
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1 ADM - UNDERSLAB PLUMBING DEMOLITION PLAN
1/8" = 1'-0"

BELOW SLAB DEMOLITION KEY

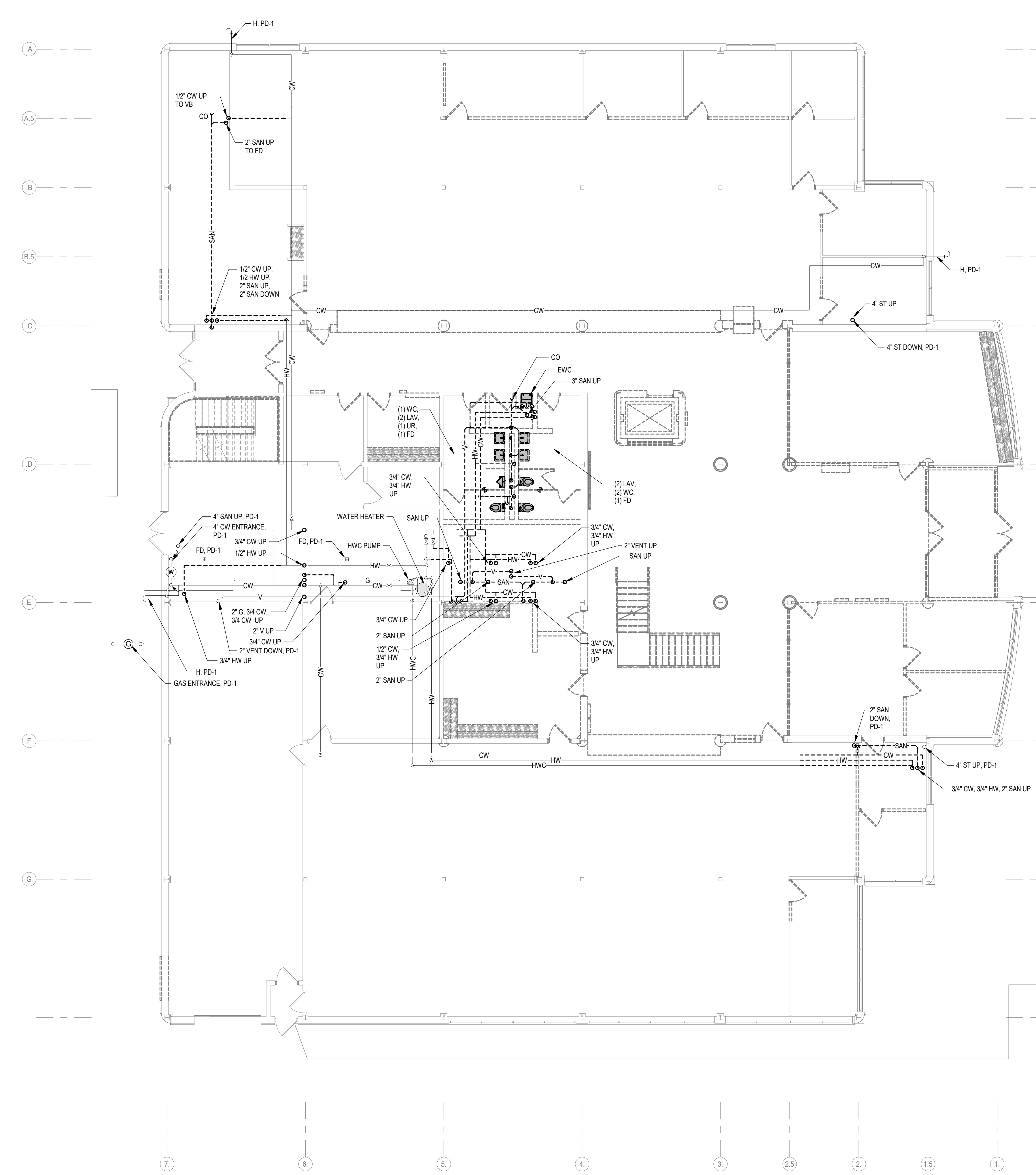
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---	TO BE REMOVED / REVISED
---	EQUIPMENT TO REMAIN
---	EQUIPMENT TO BE REMOVED / REVISED

Revision

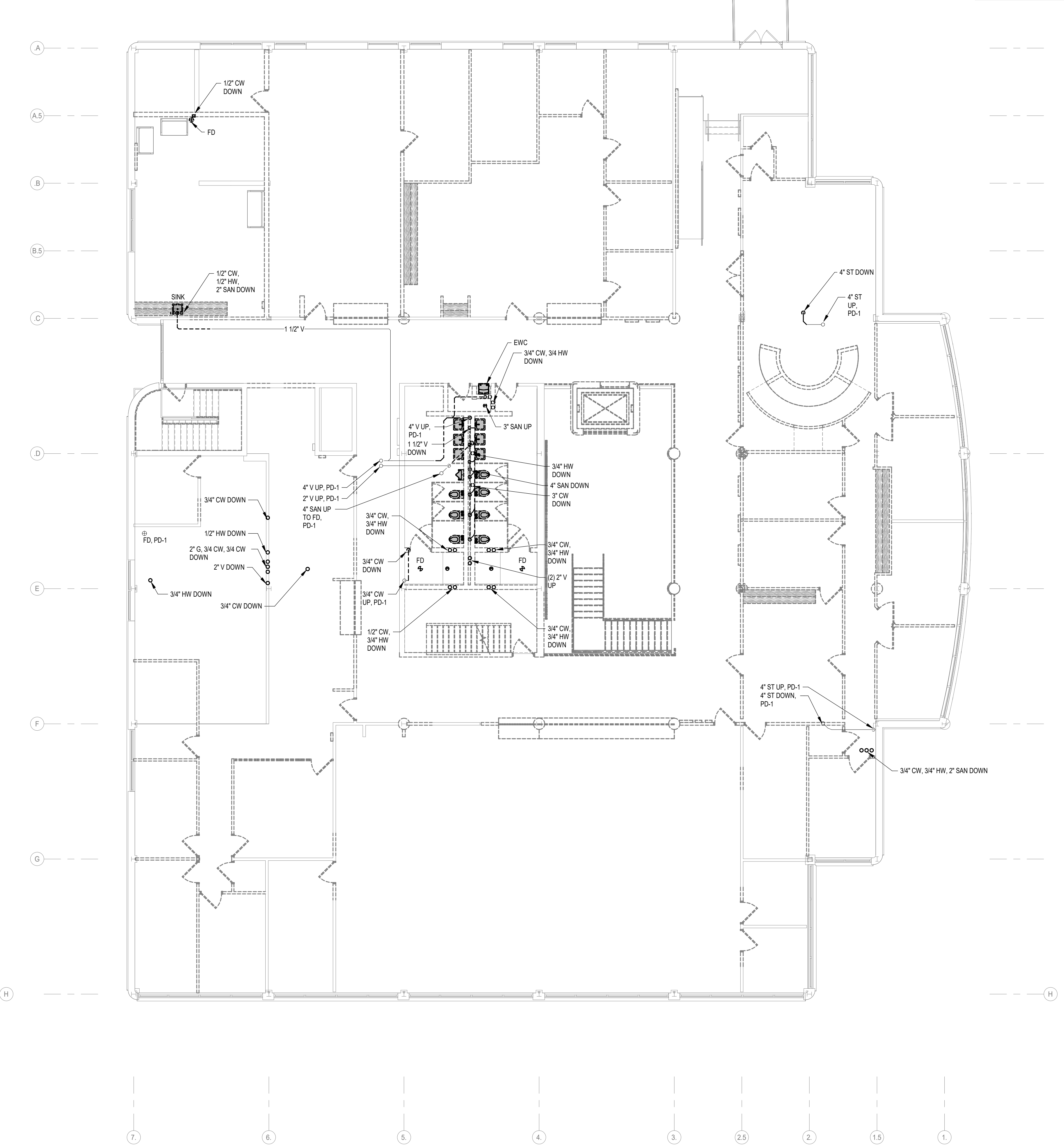
Revision	Description	Date

KEYED NOTES

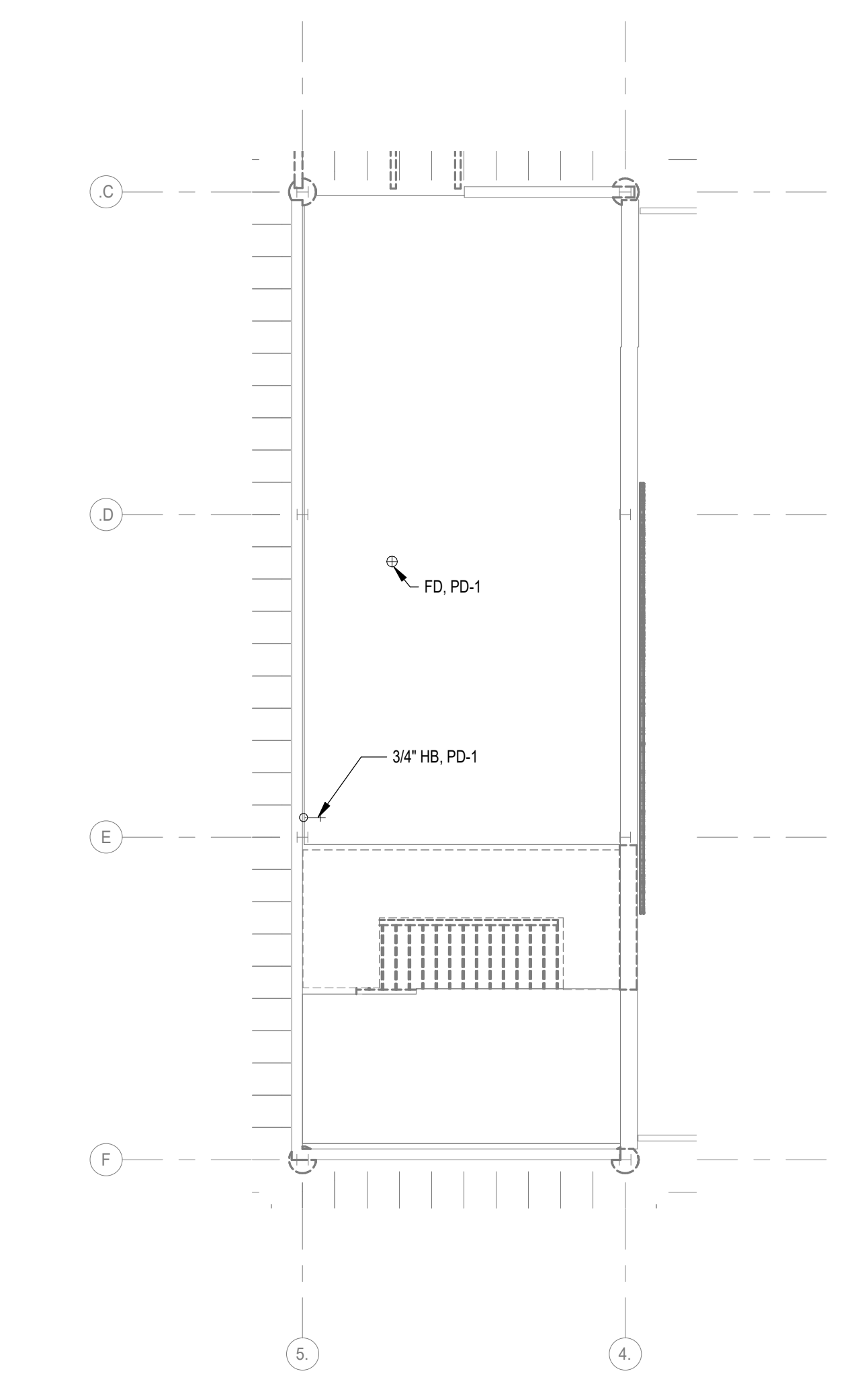
PD-1	EXISTING TO REMAIN
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1 ADM - LEVEL 1 PLUMBING DEMOLITION PLAN
1/8" = 1'-0"



2 ADM - LEVEL 2 PLUMBING DEMOLITION PLAN
1/8" = 1'-0"



3 ADM MECHANICAL MEZZANINE PLUMBING DEMOLITION PLAN
1/8" = 1'-0"

DEMOLITION KEY

(Solid line)	TO REMAIN
(Dashed line)	TO BE REMOVED / REVISED
(Hatched area)	EQUIPMENT TO REMAIN
(Cross-hatched area)	EQUIPMENT TO BE REMOVED / REVISED

Revision

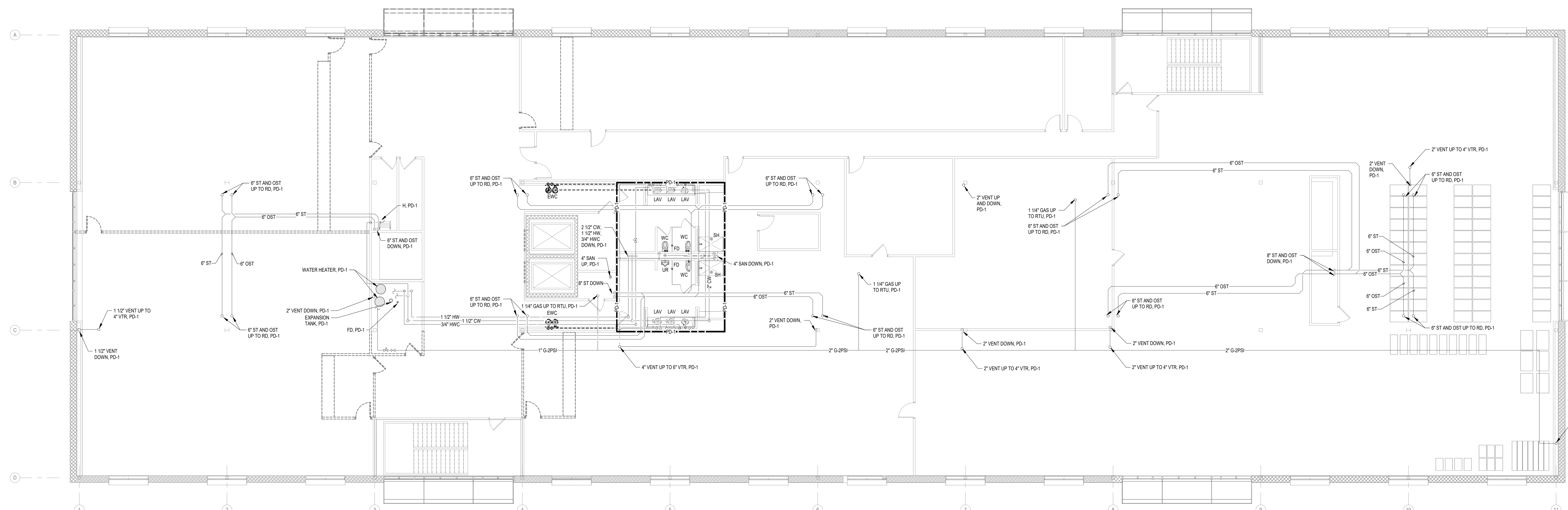
Revision	Description	Date

KEYED NOTES

PD-1	EXISTING TO REMAIN
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2 HHS ROOF LEVEL PLUMBING DEMOLITION PLAN
1/8" = 1'-0"



1 HHS - LEVEL 3 PLUMBING DEMOLITION PLAN
1/8" = 1'-0"

DEMOLITION KEY

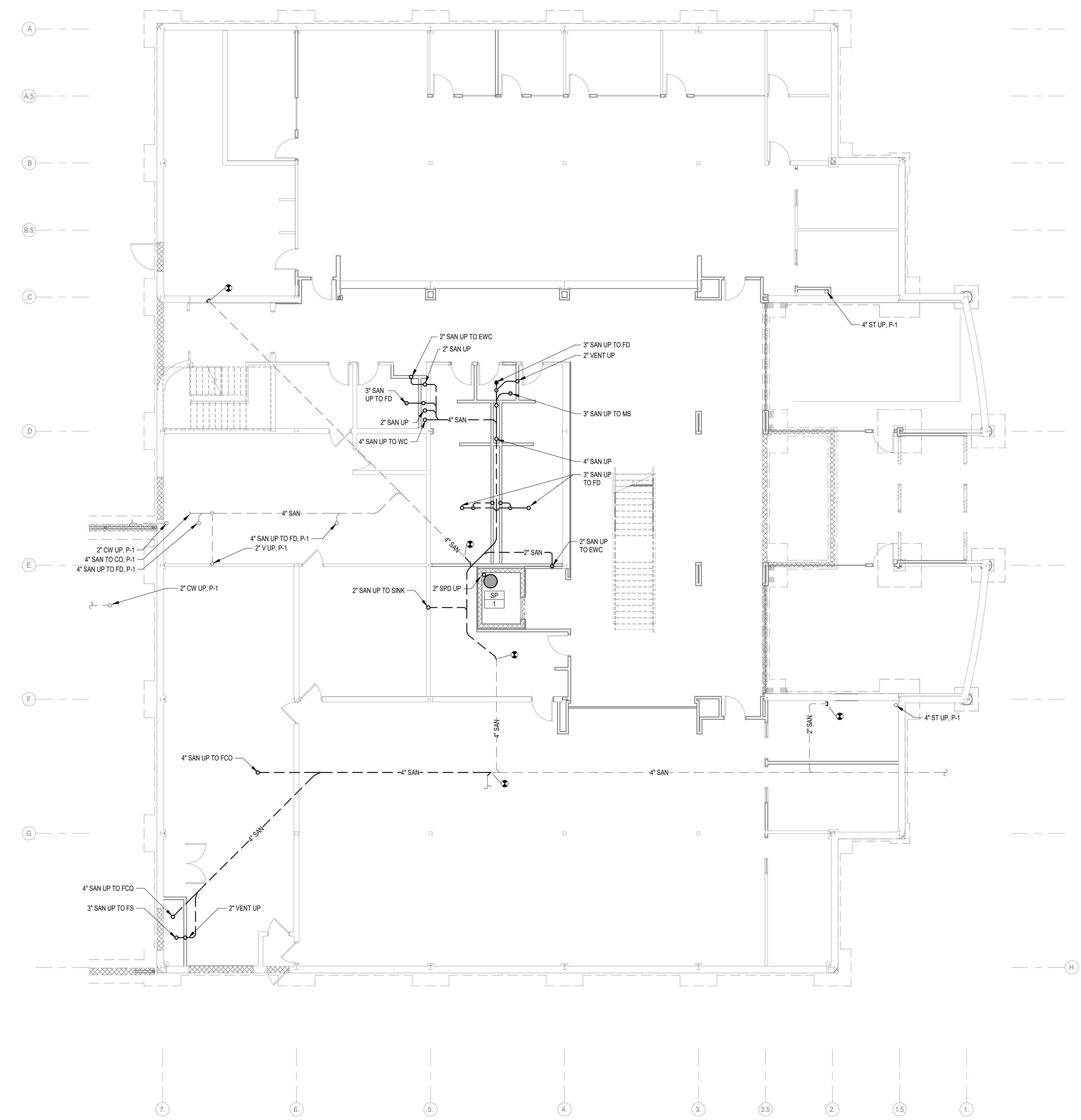
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(Dashed line)	TO BE REMOVED / REVISED
(Hatched area)	EQUIPMENT TO REMAIN
(Cross-hatched area)	EQUIPMENT TO BE REMOVED / REVISED

Key Plan

Revision	Description	Date

KEYED NOTES

P-1	EXISTING TO REMAIN
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1 ADM - UNDERSLAB PLUMBING PLAN
1/8" = 1'-0"

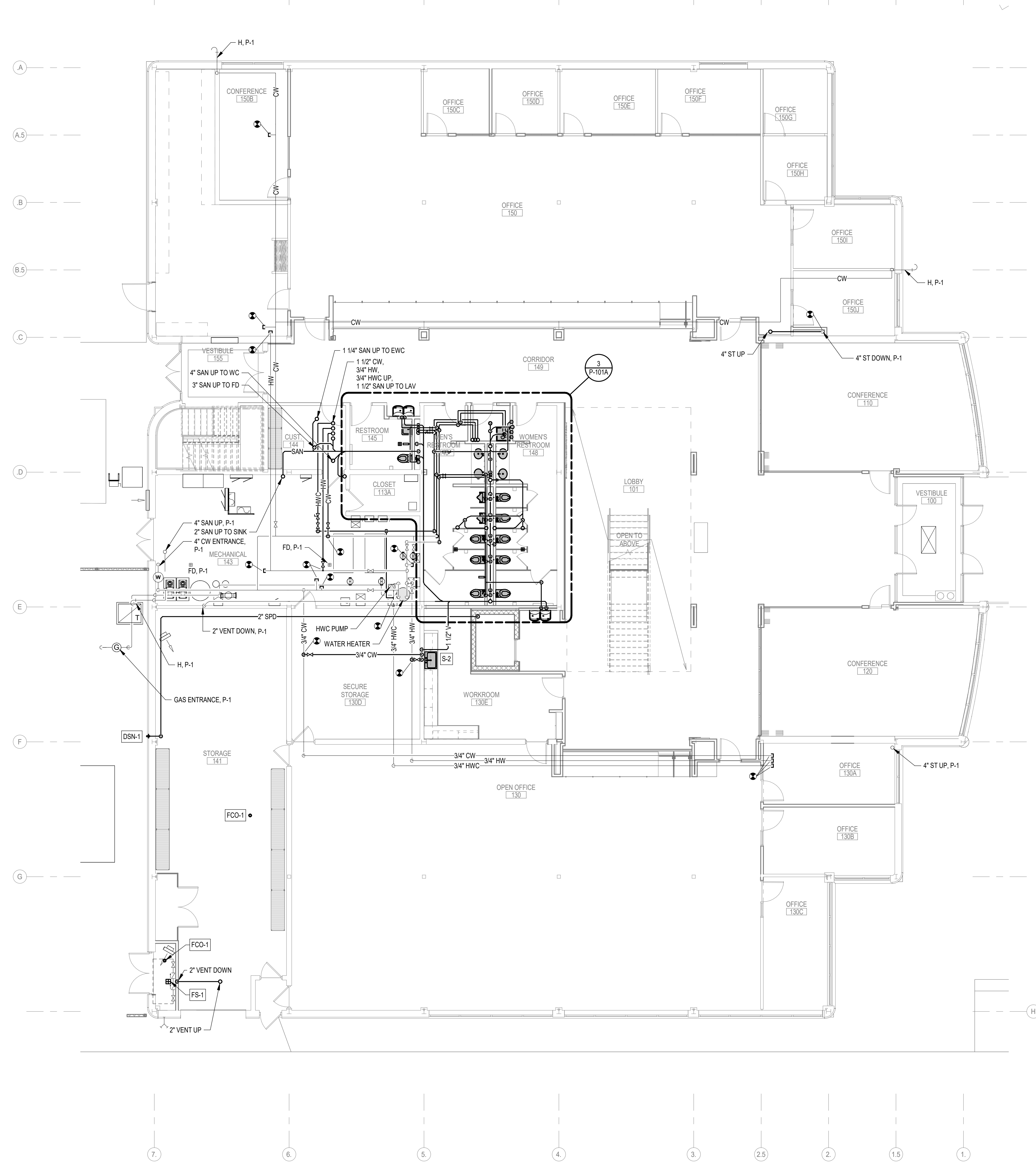
BELOW SLAB NEW WORK KEY

---	EXISTING
- - -	NEW / REVISED
▭	EXISTING EQUIPMENT
▭	NEW / REVISED EQUIPMENT

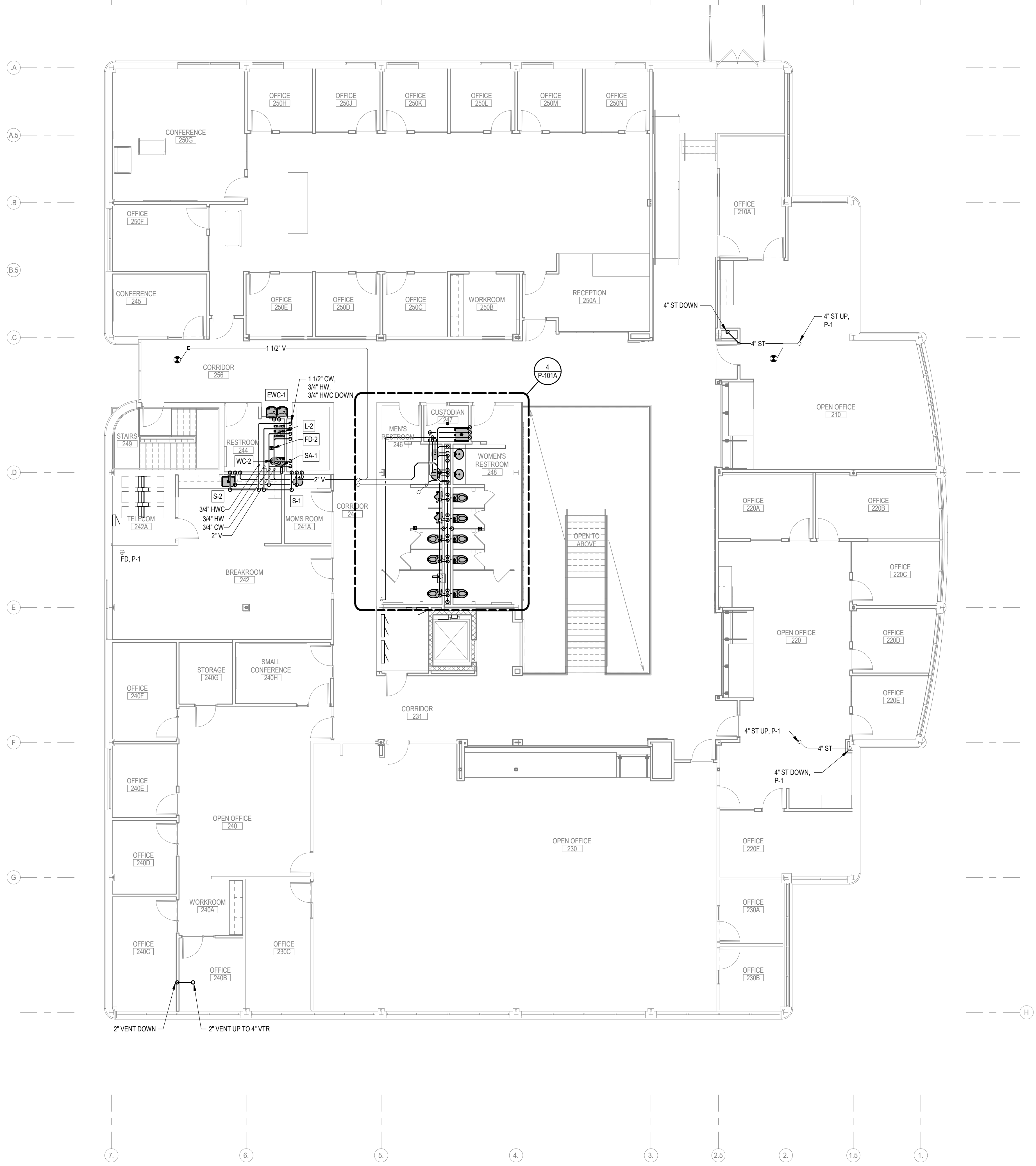
Key Plan

Revision	Description	Date

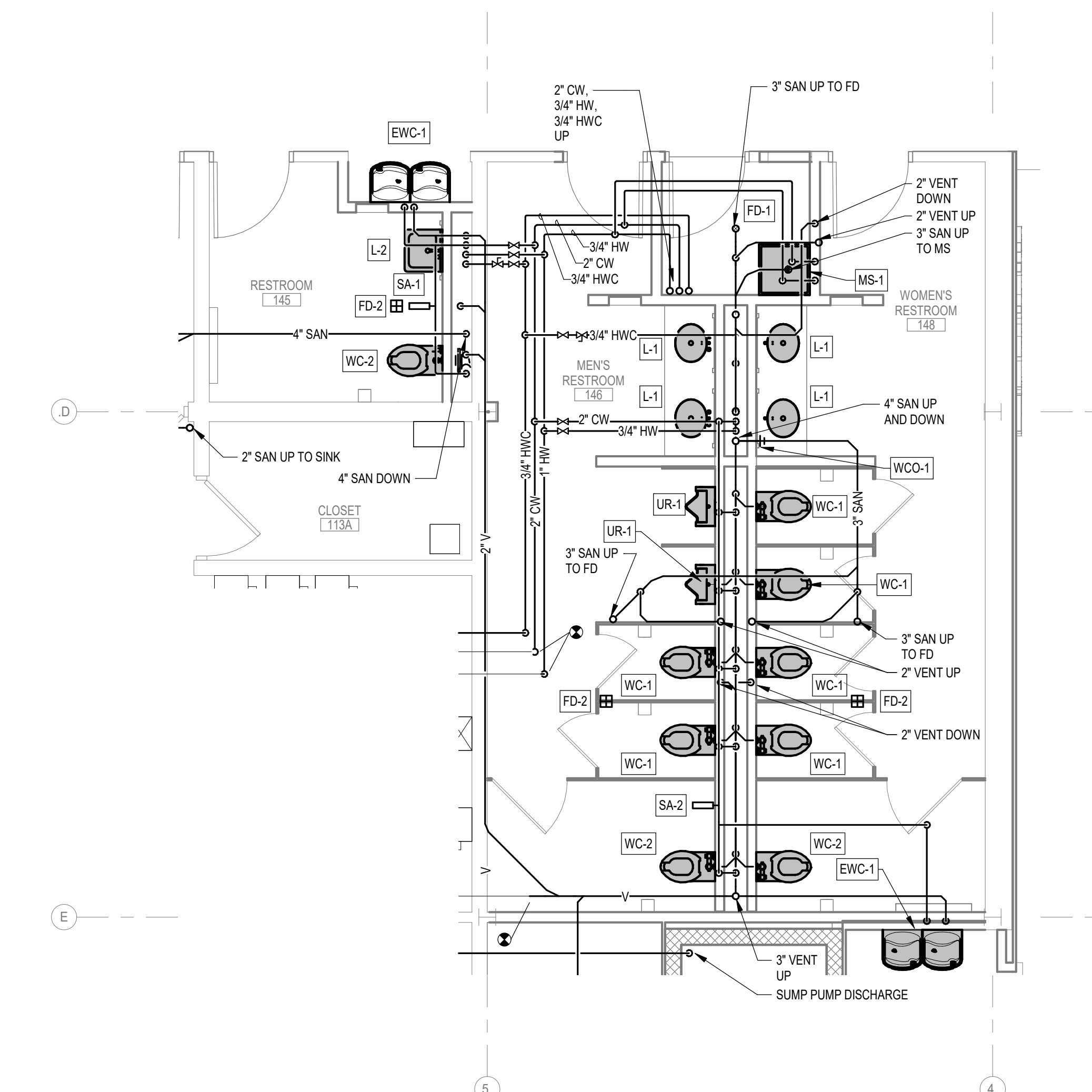
KEYED NOTES
P.1 EXISTING TO REMAIN



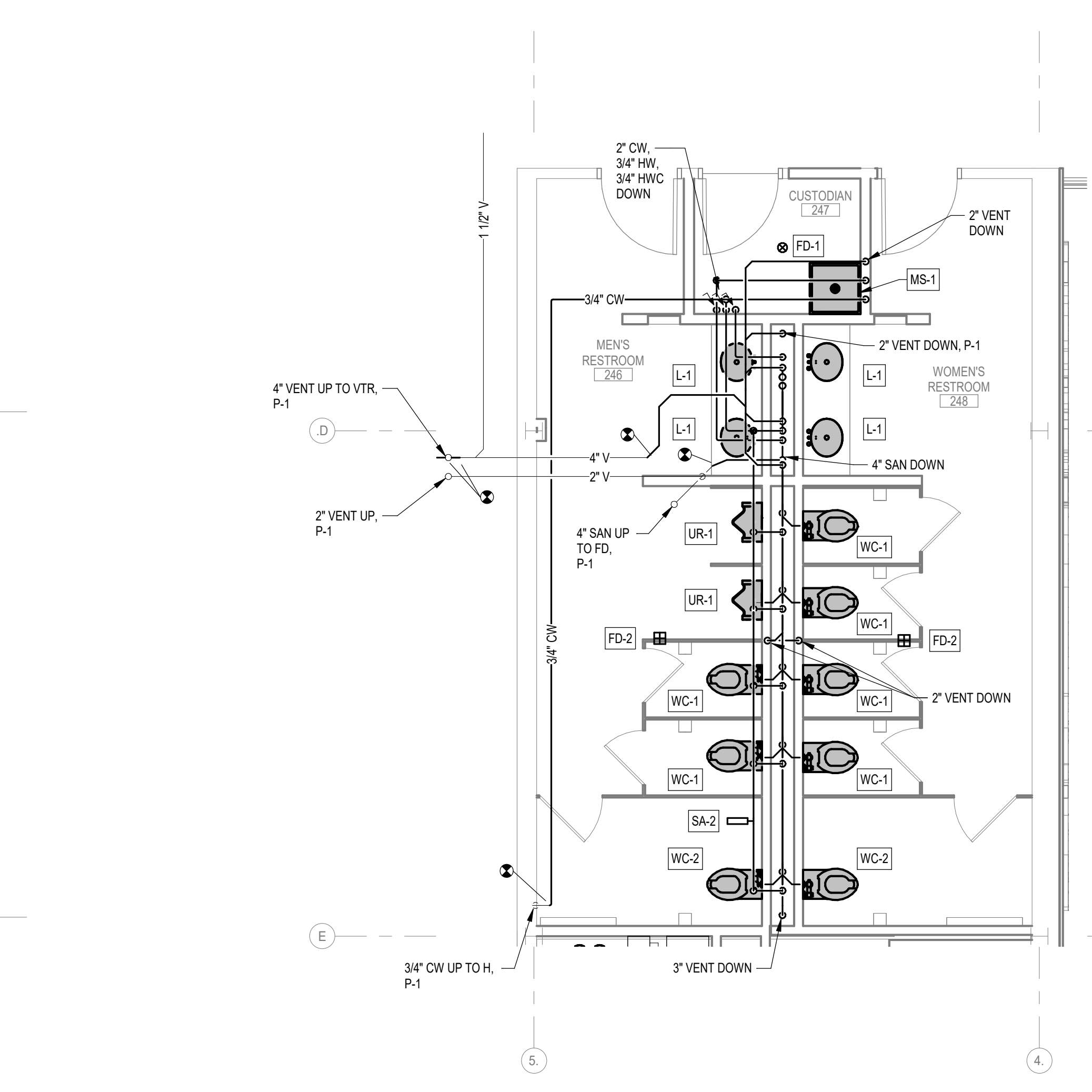
1 ADM - LEVEL 1 PLUMBING PLAN
1/8" = 1'-0"



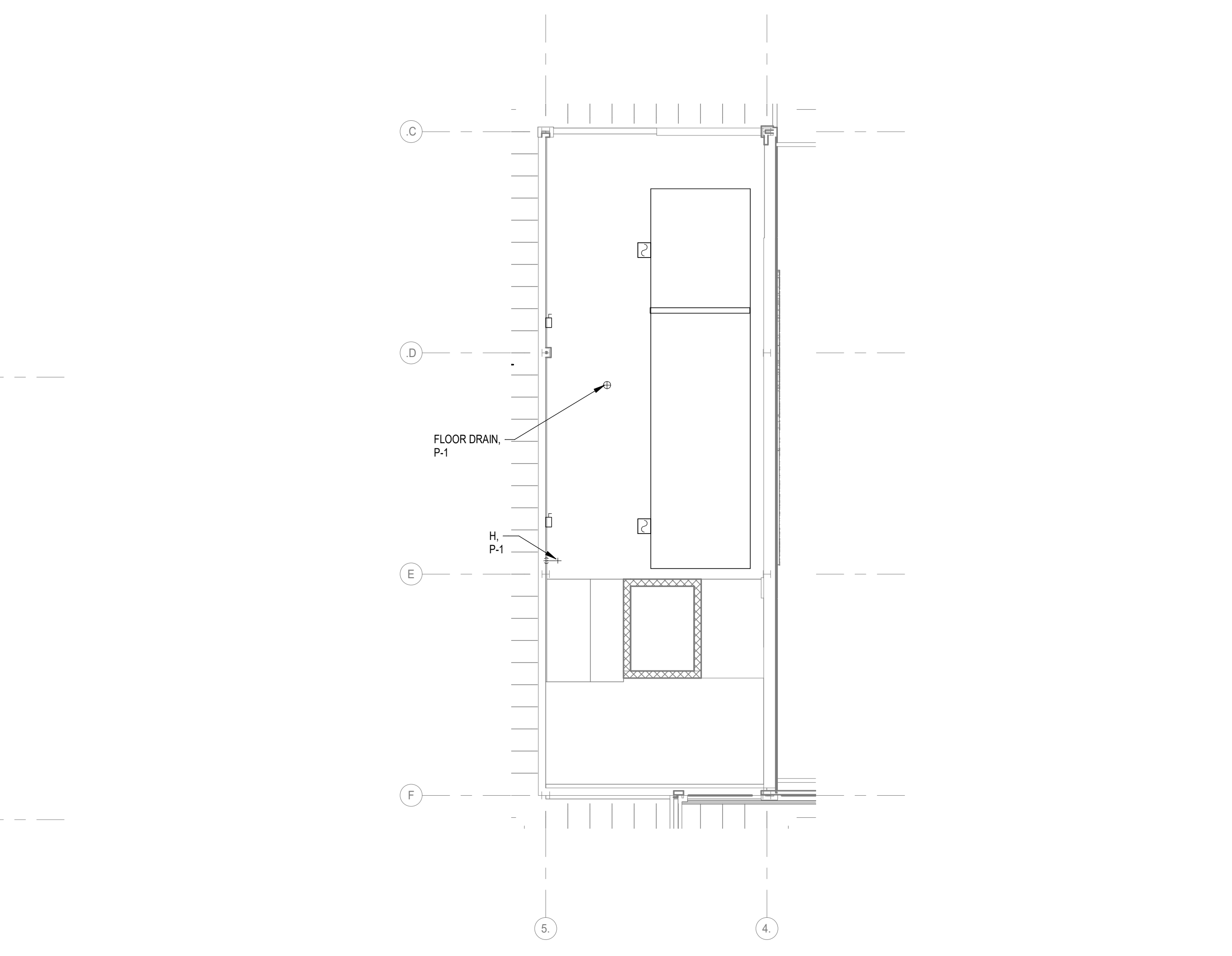
2 ADM - LEVEL 2 PLUMBING PLAN
1/8" = 1'-0"



3 ADM - ENLARGED LEVEL 1 PLUMBING PLAN
1/4" = 1'-0"



4 ADM - ENLARGED LEVEL 2 PLUMBING PLAN
1/4" = 1'-0"



5 ADM - MECHANICAL MEZZANINE PLUMBING PLAN
1/8" = 1'-0"

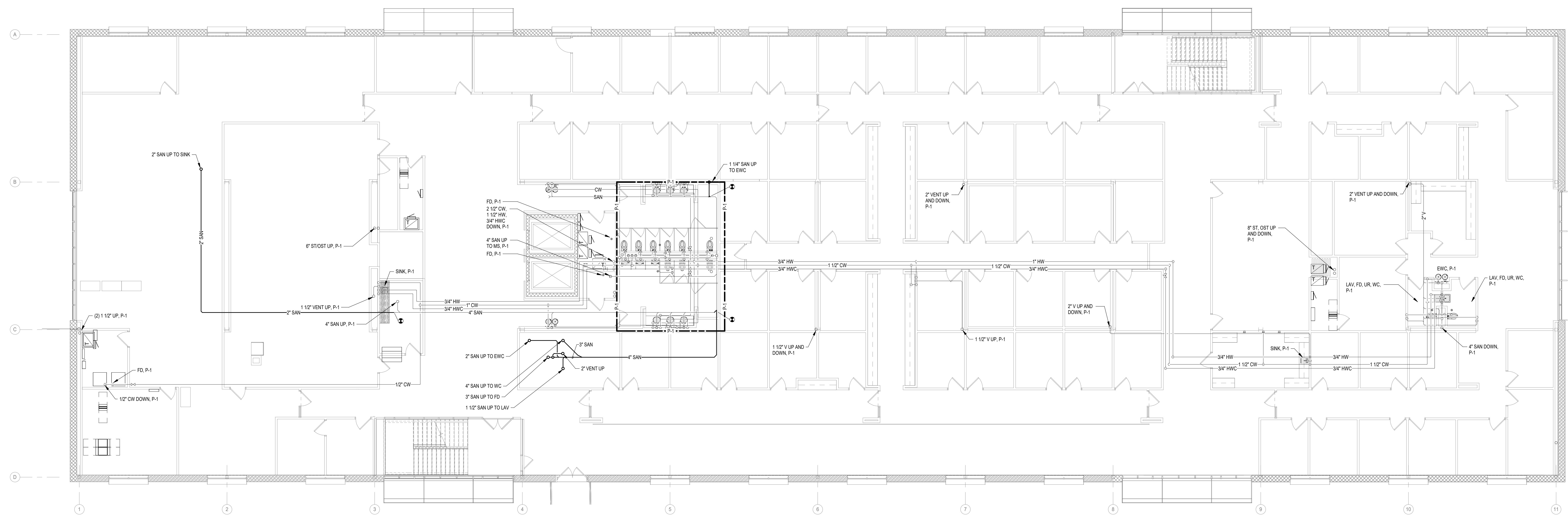
NEW WORK KEY

—	EXISTING
- - -	NEW / REVISED
▭	EXISTING EQUIPMENT
▭	NEW / REVISED EQUIPMENT

Key Plan

Revision	Description	Date

KEYED NOTES
P-1 EXISTING TO REMAIN.



2 HHS - LEVEL 2 PLUMBING PLAN
1/8" = 1'-0"

Key Plan

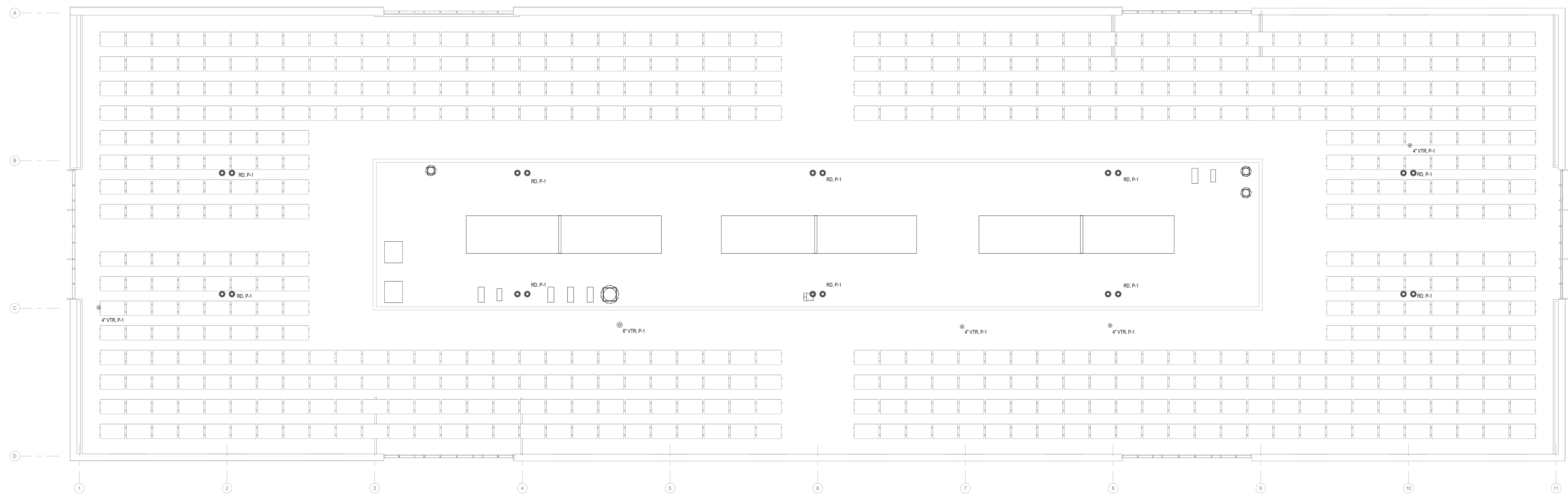
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	NEW / REVISED EQUIPMENT

Revision	Description	Date

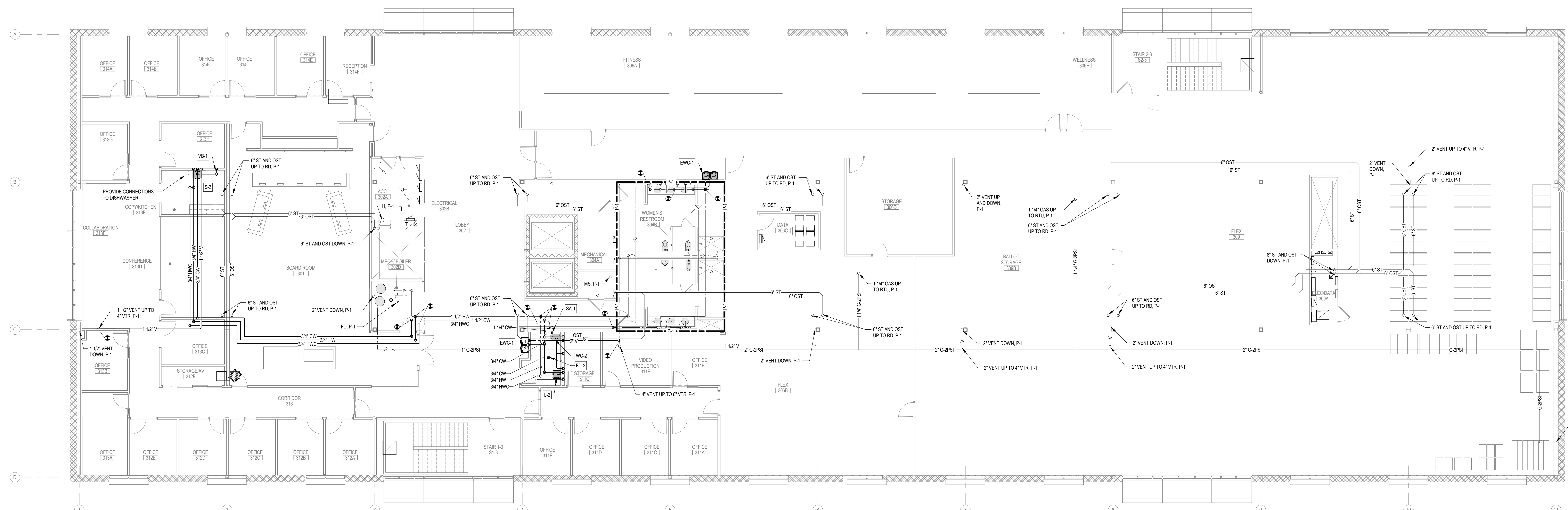
NEW WORK KEY
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 NEW / REVISED
 EXISTING EQUIPMENT
 NEW / REVISED EQUIPMENT

KEYED NOTES

P-1	EXISTING TO REMAIN
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2 HHS - ROOF LEVEL PLUMBING PLAN
1/8" = 1'-0"



1 HHS - LEVEL 3 PLUMBING PLAN
1/8" = 1'-0"

Key Plan

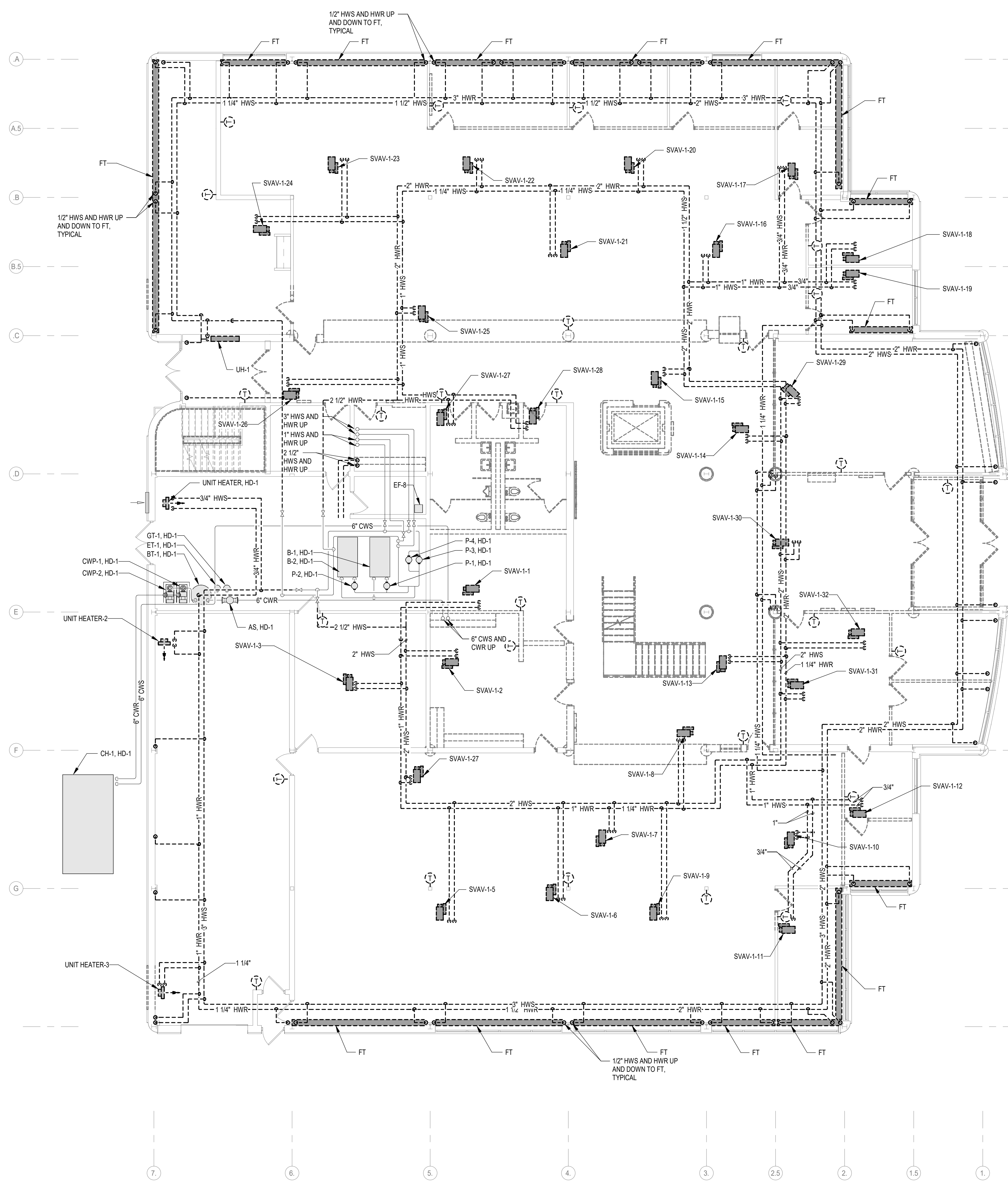
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EXISTING EQUIPMENT	NEW / REVISED EQUIPMENT

Reason	Description	Date

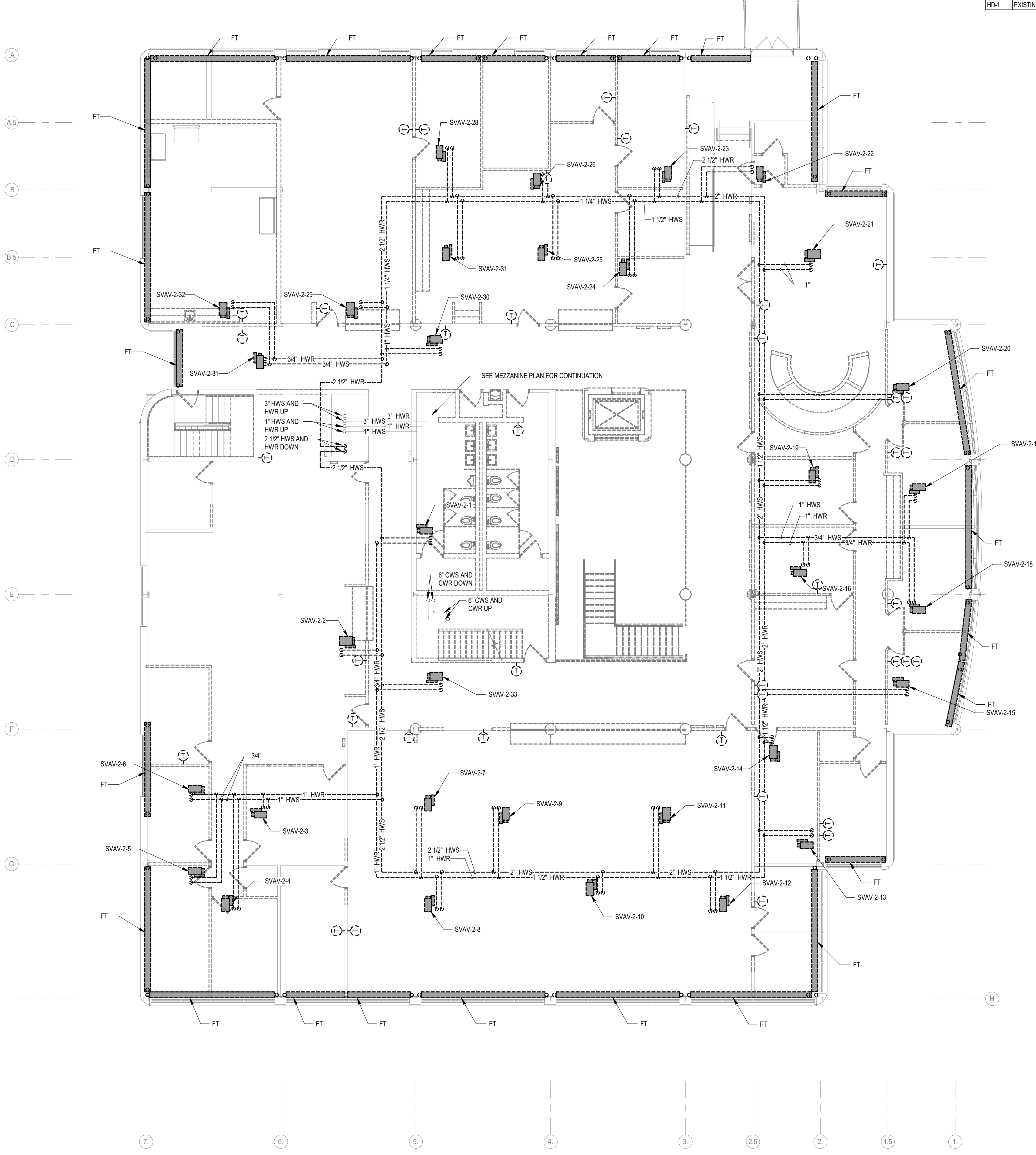
NEW WORK KEY

EXISTING
NEW / REVISED
EXISTING EQUIPMENT
NEW / REVISED EQUIPMENT

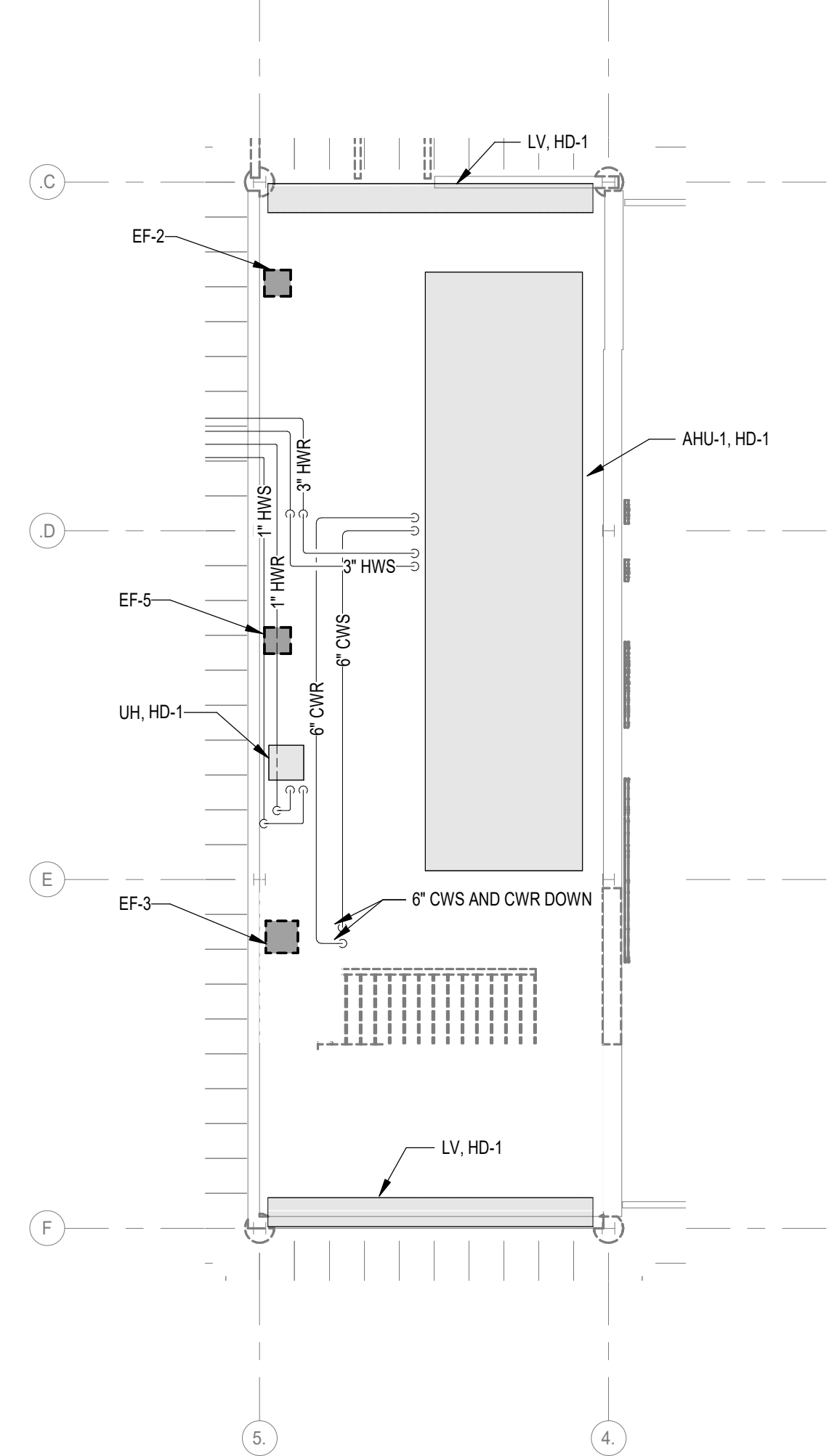
KEYED NOTES
HD-1 EXISTING TO REMAIN



1 ADM - LEVEL 1 HVAC PIPING DEMOLITION PLAN
1/8" = 1'-0"



2 ADM - LEVEL 2 HVAC PIPING DEMOLITION PLAN
1/8" = 1'-0"



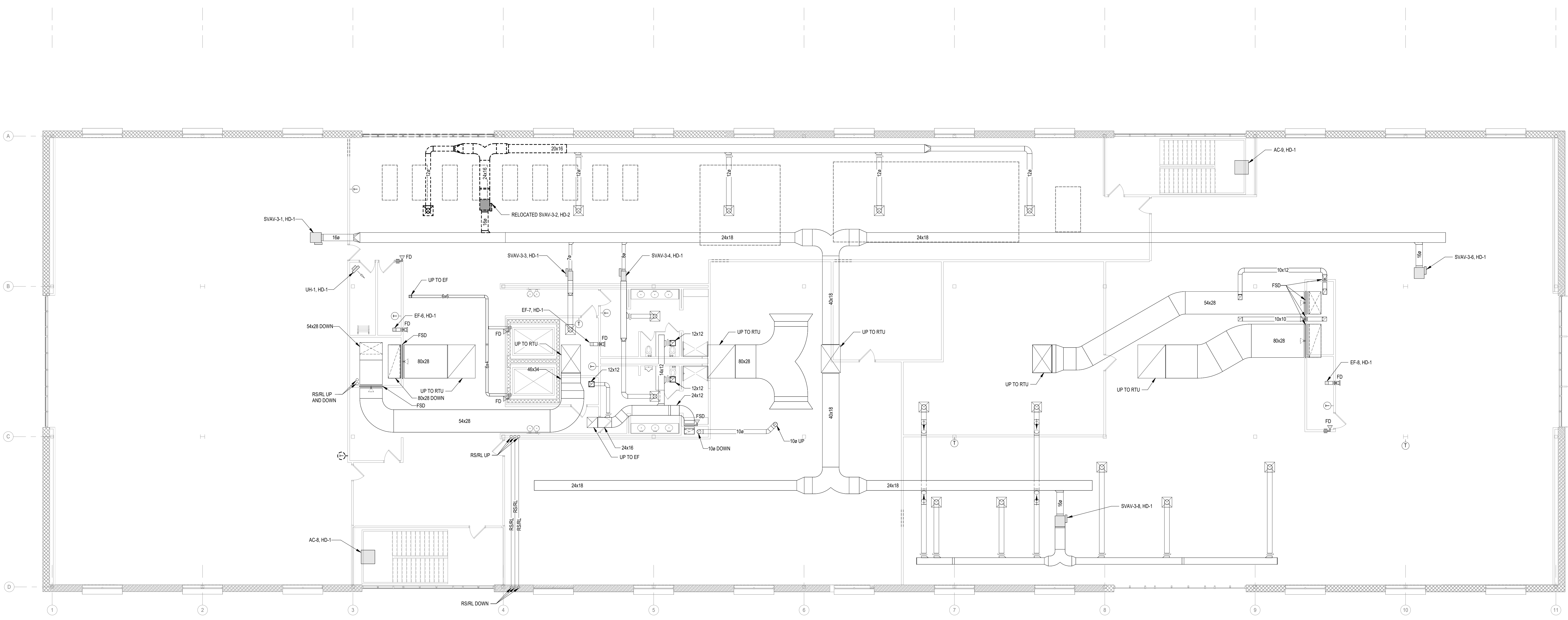
3 ADM - MECHANICAL MEZZANINE HVAC PIPING DEMOLITION PLAN
1/8" = 1'-0"

DEMOLITION KEY

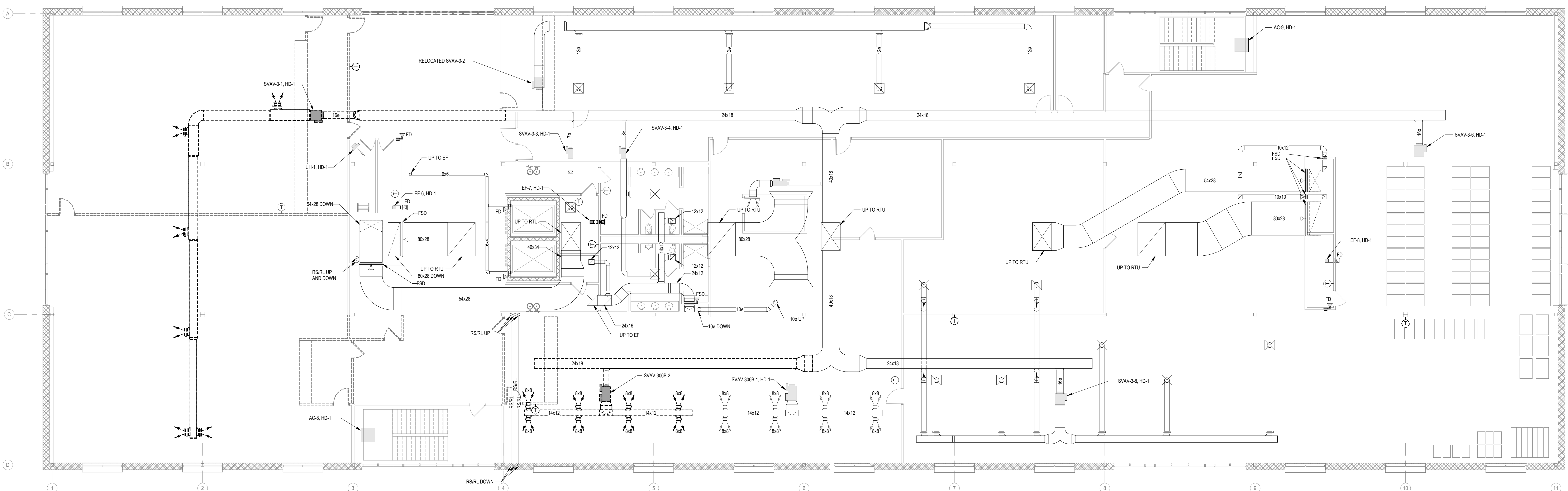
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	TO BE REMOVED / REVISED
	EQUIPMENT TO REMAIN
	EQUIPMENT TO BE REMOVED / REVISED

Revision

Revision	Description	Date



2 HHS - LEVEL 3 HVAC DEMOLITION PLAN - TEMPORARY
1/8" = 1'-0"



1 HHS - LEVEL 3 HVAC DEMOLITION PLAN - PHASE 2
1/8" = 1'-0"

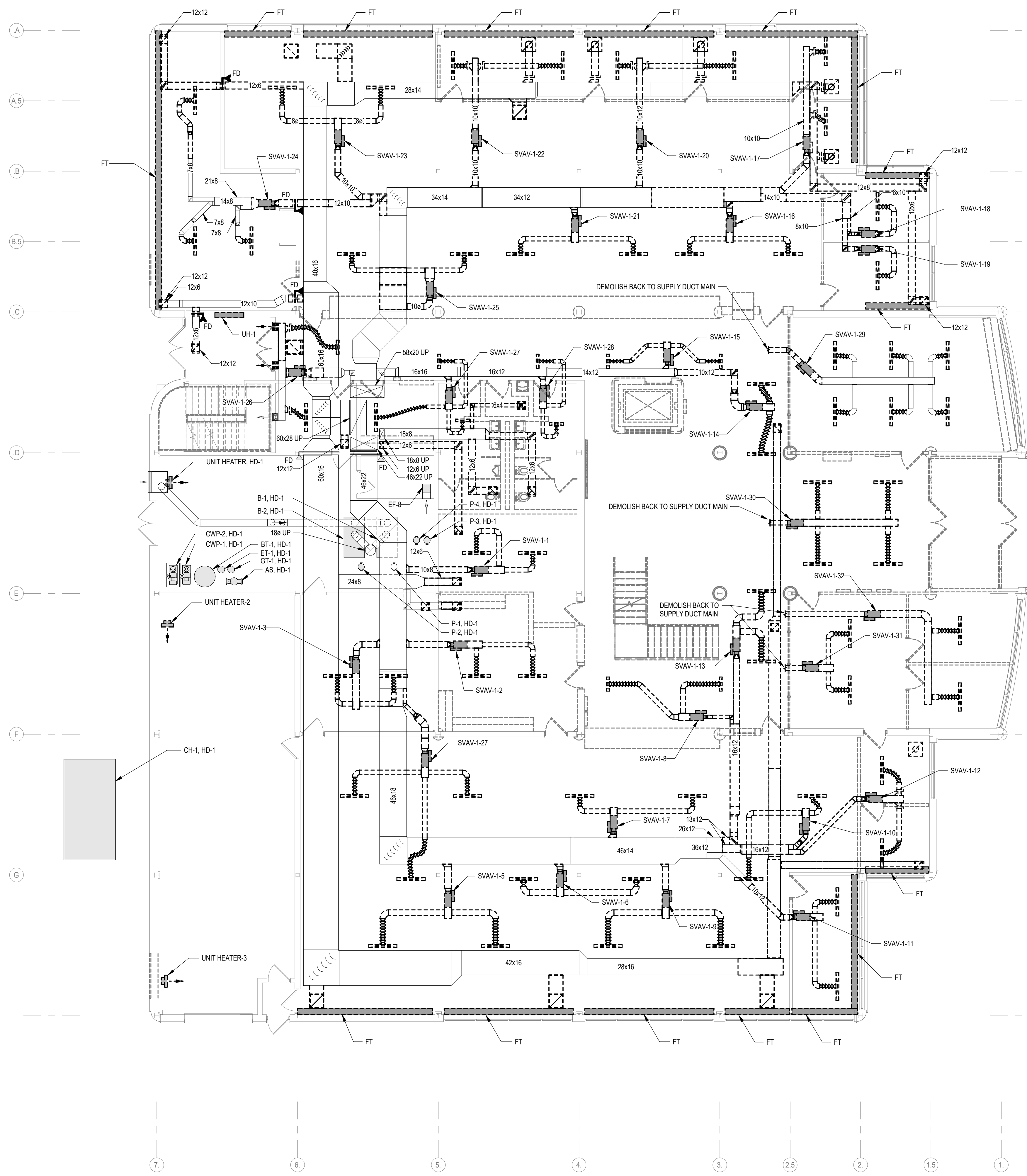
DEMOLITION KEY

(Solid line)	TO REMAIN
(Dashed line)	TO BE REMOVED / REVISED
(Hatched area)	EQUIPMENT TO REMAIN
(Hatched area)	EQUIPMENT TO BE REMOVED / REVISED

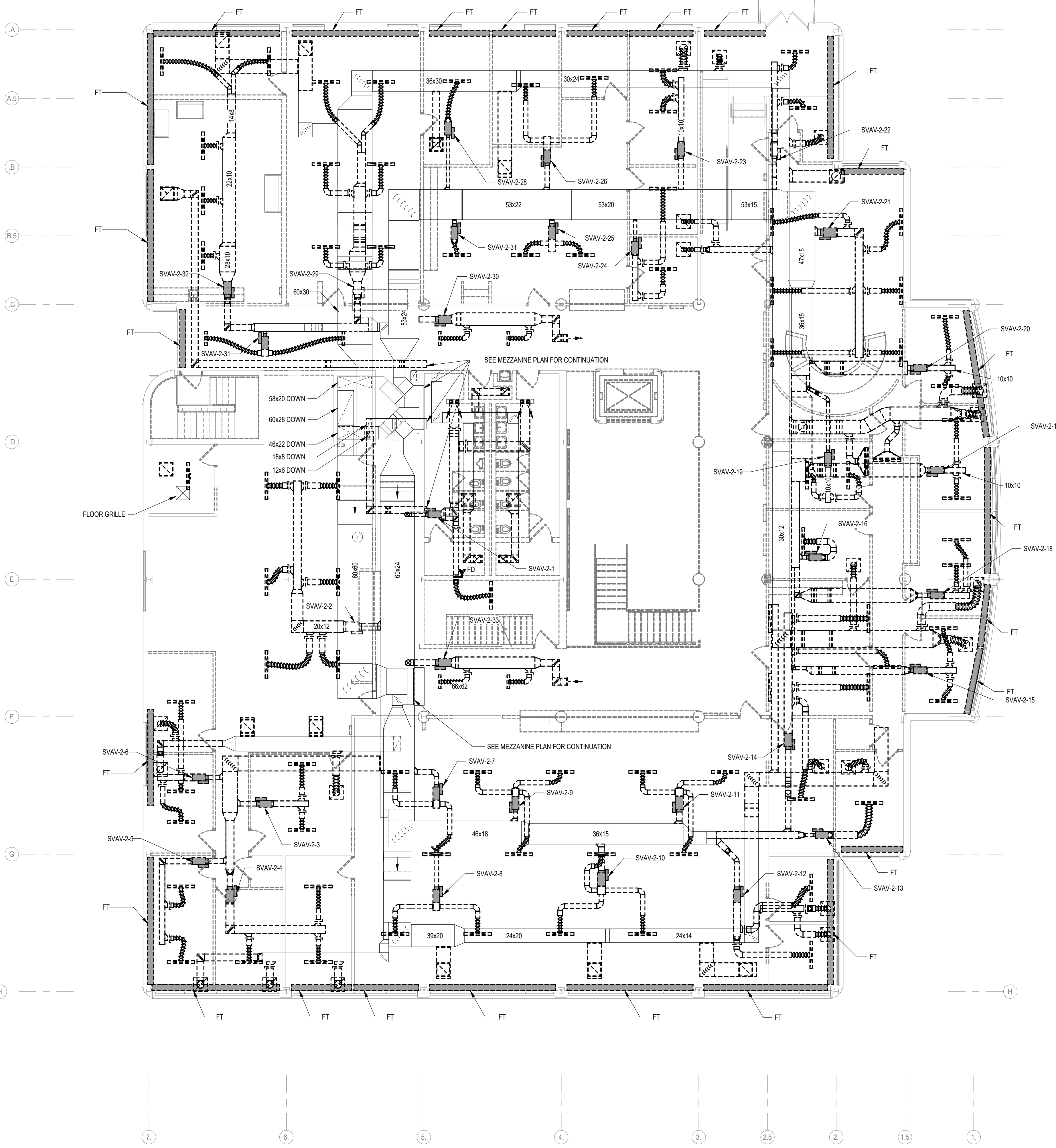
Key Plan

(Symbol)	Description	Date
(Symbol)		
(Symbol)		

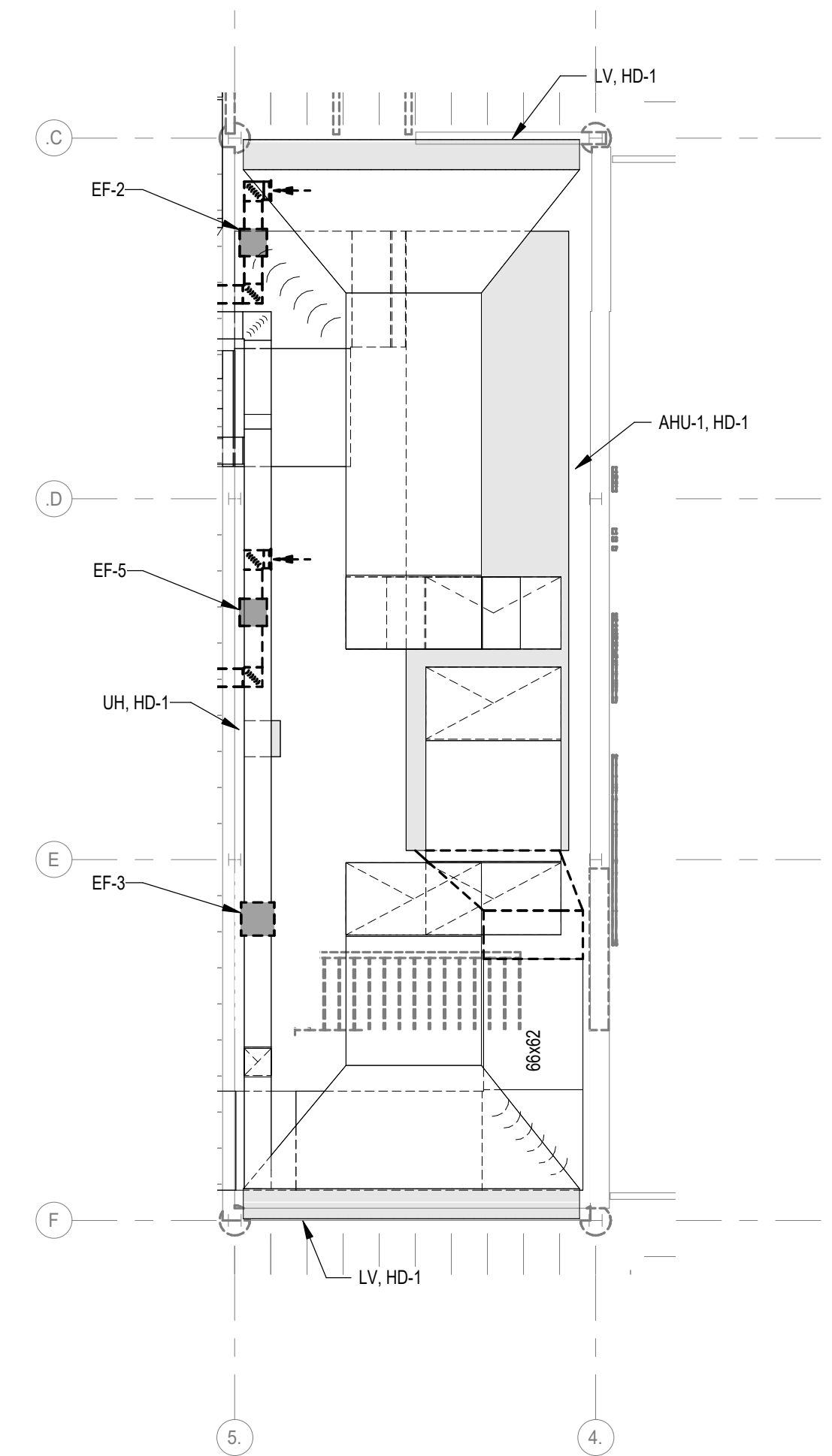
KEYED NOTES
HD-1 EXISTING TO REMAIN



1 ADM - LEVEL 1 HVAC DUCTWORK DEMOLITION PLAN
1/8" = 1'-0"



2 ADM - LEVEL 2 HVAC DUCTWORK DEMOLITION PLAN
1/8" = 1'-0"



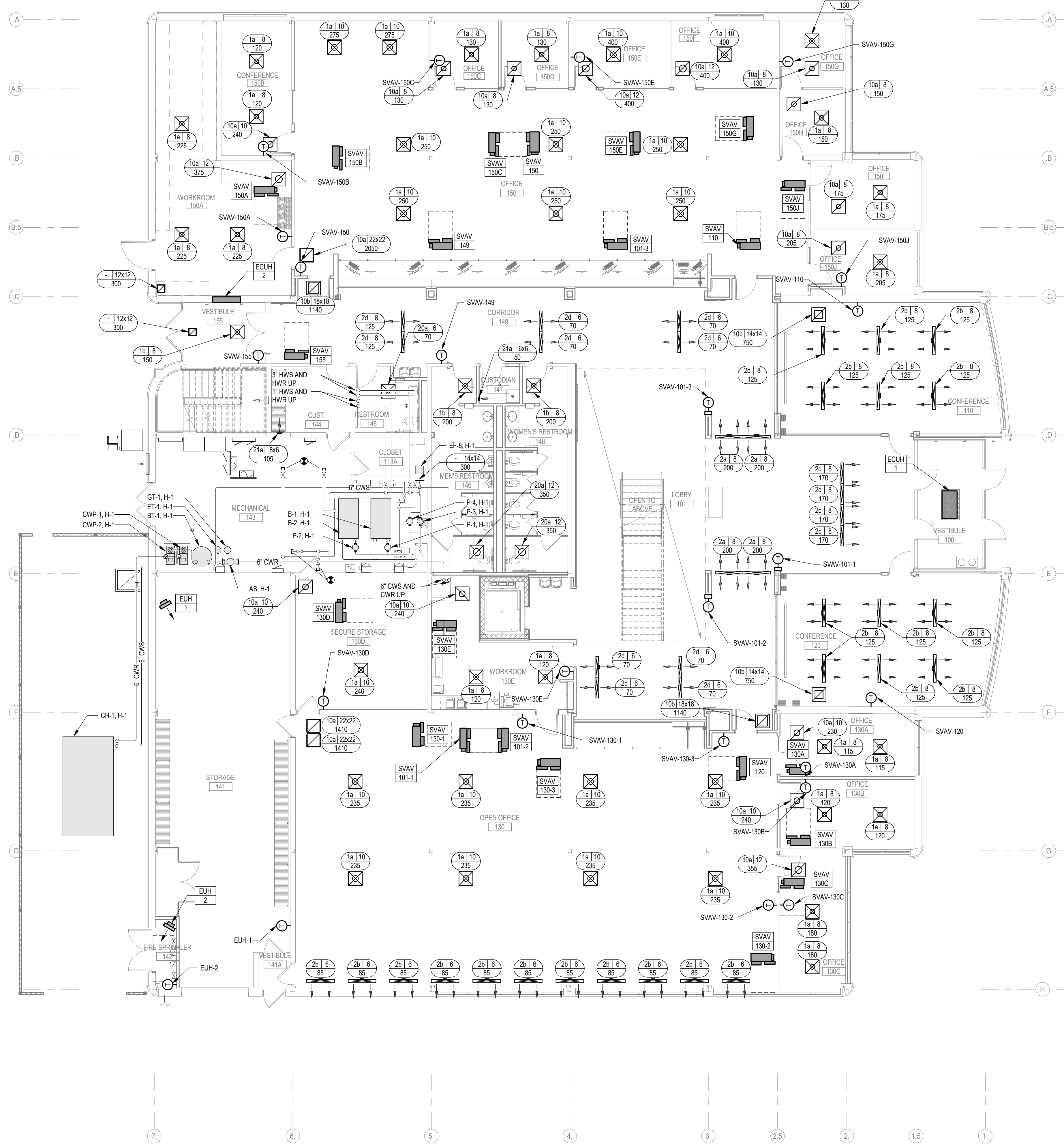
3 ADM - MECHANICAL MEZZANINE HVAC DUCTWORK DEMOLITION PLAN
1/8" = 1'-0"

DEMOLITION KEY

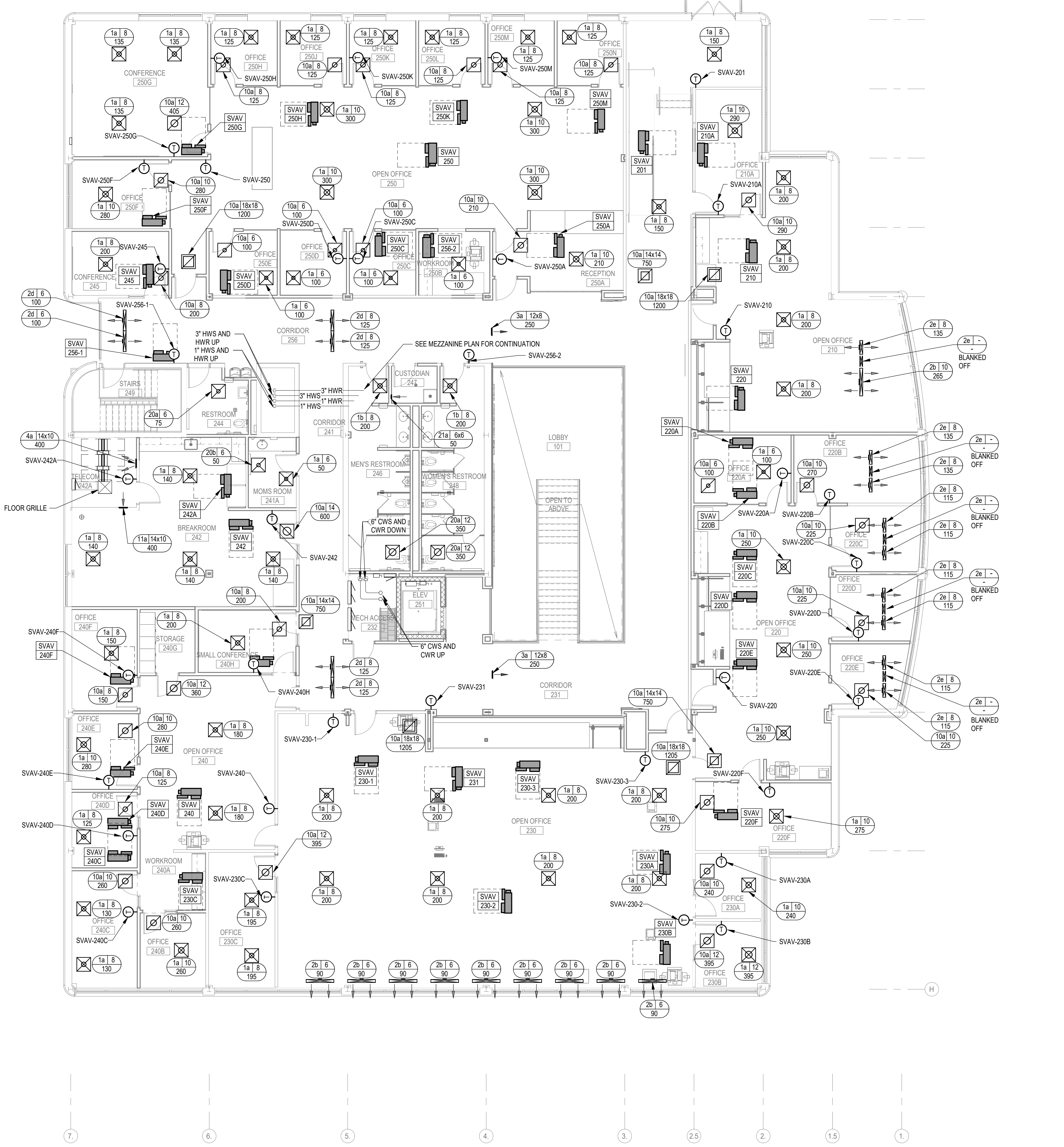
	TO REMAIN
	TO BE REMOVED / REVISED
	EQUIPMENT TO REMAIN
	EQUIPMENT TO BE REMOVED / REVISED

Revision Description Date

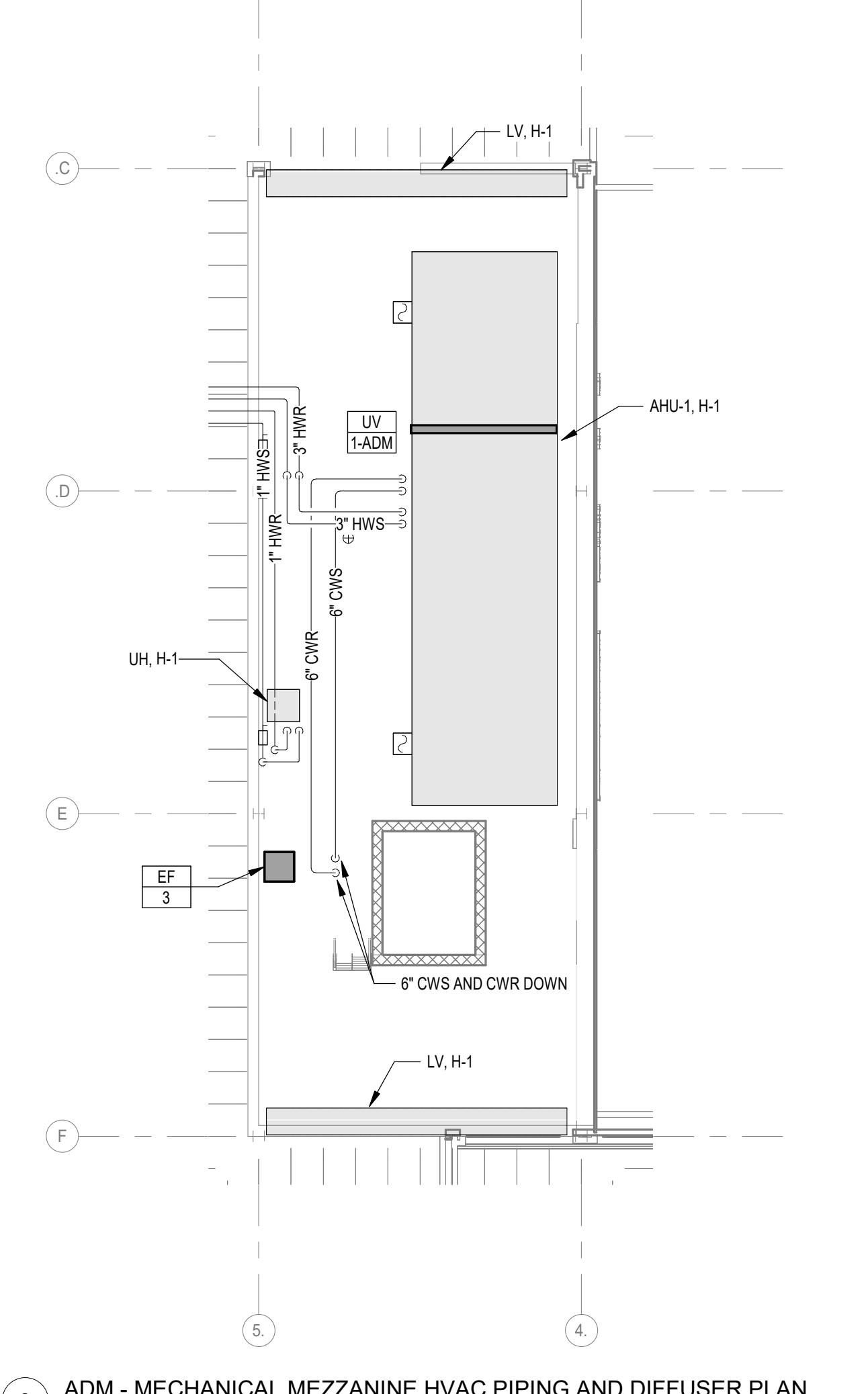
KEYED NOTES
H-1 EXISTING TO REMAIN



1 ADM - LEVEL 1 HVAC PIPING AND DIFFUSER PLAN
1/8" = 1'-0"



2 ADM - LEVEL 2 HVAC PIPING AND DIFFUSER PLAN
1/8" = 1'-0"



3 ADM - MECHANICAL MEZZANINE HVAC PIPING AND DIFFUSER PLAN
1/8" = 1'-0"

GRILLE AND DIFFUSER KEY

GRILLE OR DIFFUSER PLAN MARK

DIFFUSER NECK SIZE

CFM

COORDINATE CEILING DIFFUSERS WITH ARCHITECTURAL REFLECTED CEILING PLAN

RETURN GRILLE TAGS INDICATE DESIGN RETURN AIRFLOW DURING OCCUPIED OPERATION BUT ALL RETURN GRILLES AND DIFFUSERS ARE SIZED FOR 100% SUPPLY AIRFLOW

NEW WORK KEY

— EXISTING

— NEW / REVISED

□ EXISTING EQUIPMENT

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Revision Description Date

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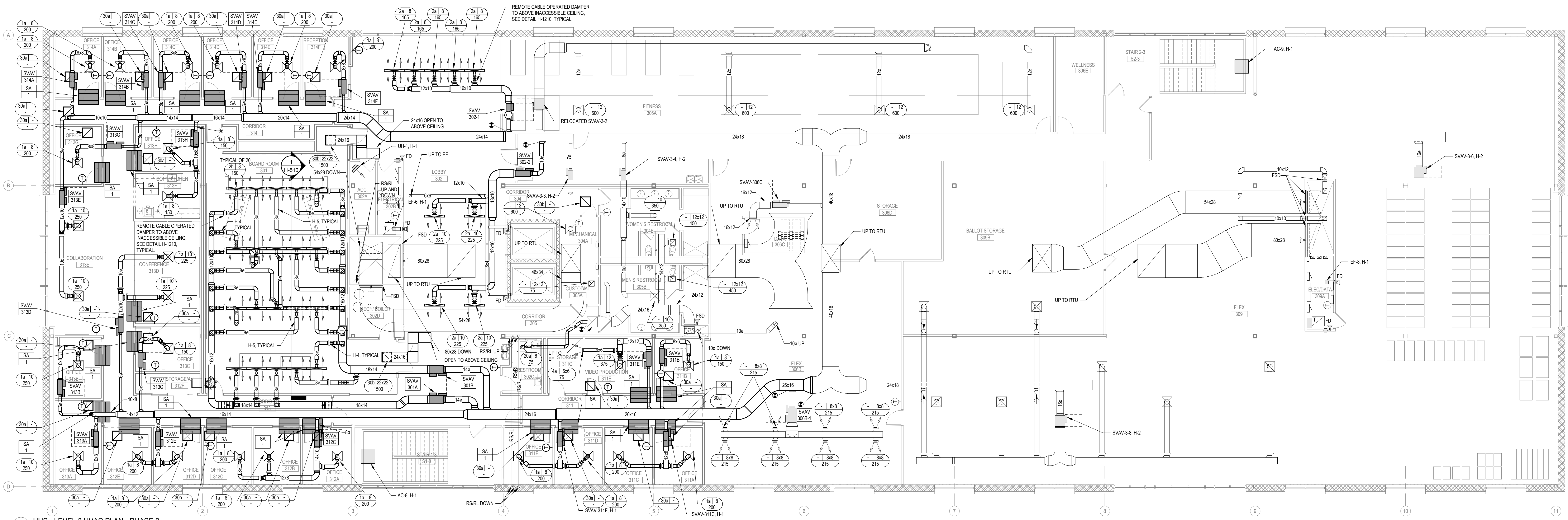
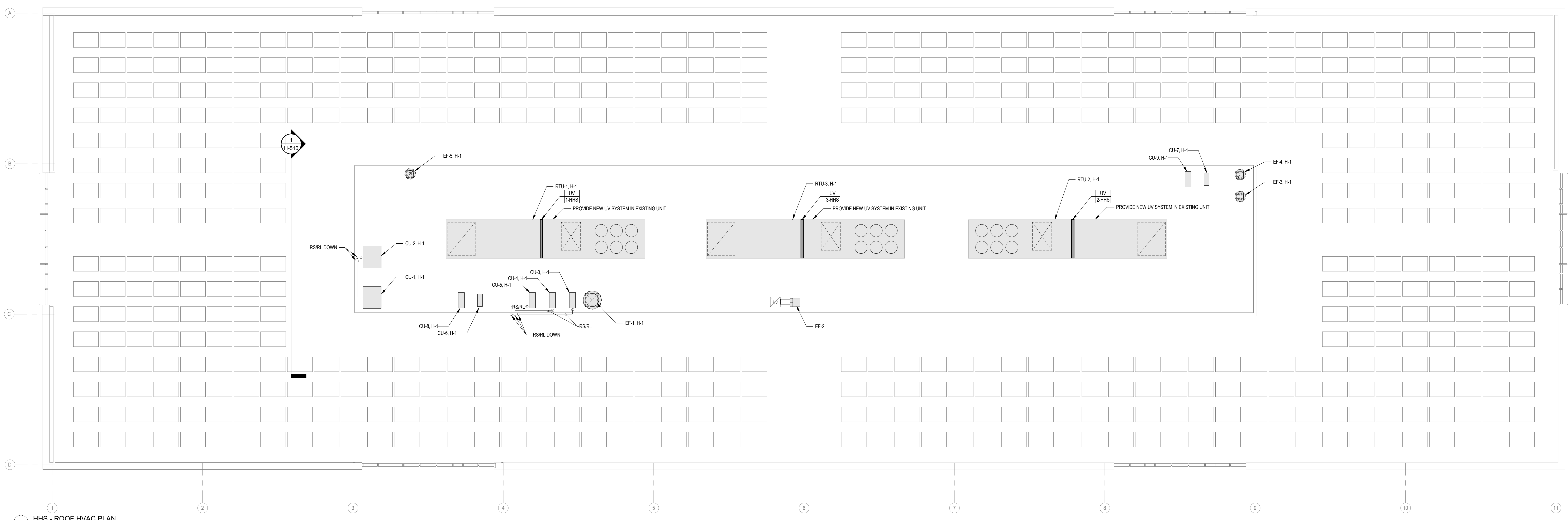
Project
JOHNSON COUNTY ADMINISTRATION AND HEALTH & HUMAN SERVICES BUILDINGS REMODELING PROJECT
913 S Dubuque St.
855 S Dubuque St.
Iowa City, IA 52240

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Electrical Engineer
Design Engineers
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H&H Engineers
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HIAWATHA, IA 52233
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Raker Rhodes Engineering
112 E. WASHINGTON ST. SUITE B
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P: 319-333-7850



GRILLE AND DIFFUSER KEY

GRILLE OR DIFFUSER PLAN MARK

DIFFUSER NECK SIZE

CFM

COORDINATE CEILING DIFFUSERS WITH ARCHITECTURAL REFLECTED CEILING PLAN

RETURN GRILLE TAPS INDICATE DESIGN RETURN AIRFLOW DURING OCCUPIED OPERATION BUT ALL RETURN GRILLES AND DIFFUSERS ARE SIZED FOR 100% OF SUPPLY AIRFLOW

NEW WORK KEY

EXISTING

NEW / REVISED

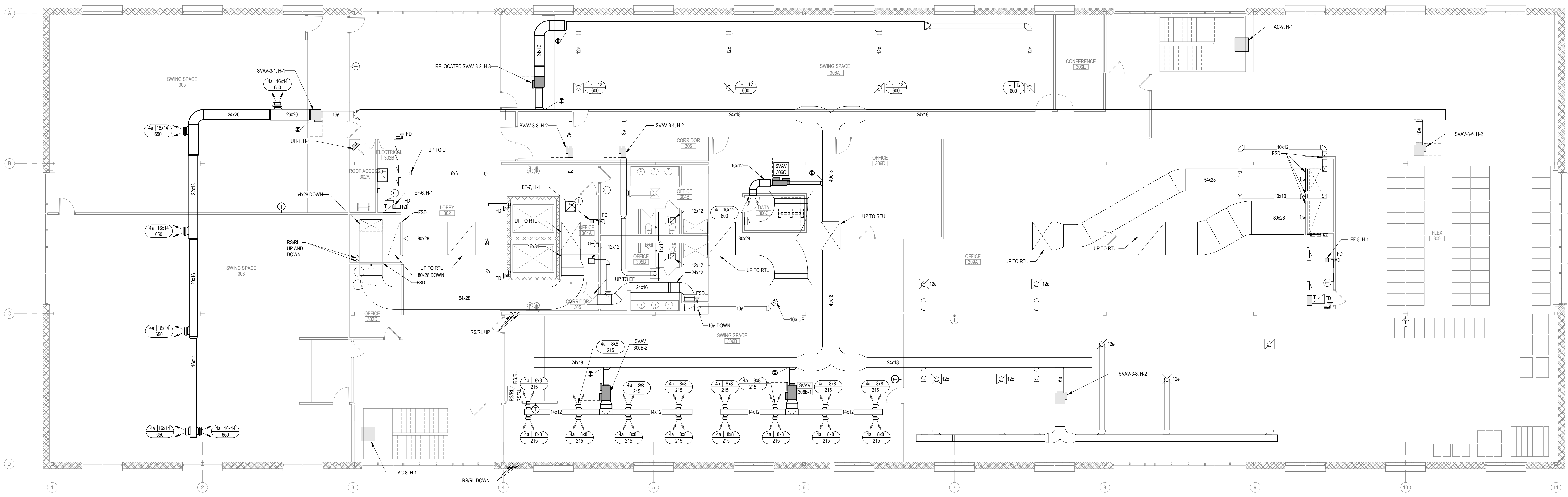
EXISTING EQUIPMENT

NEW / REVISED EQUIPMENT

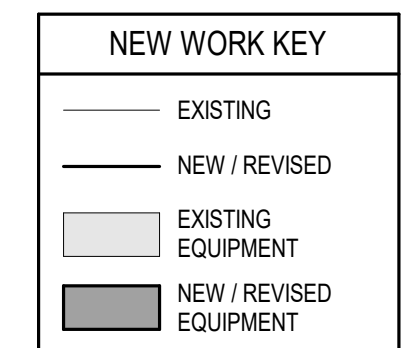
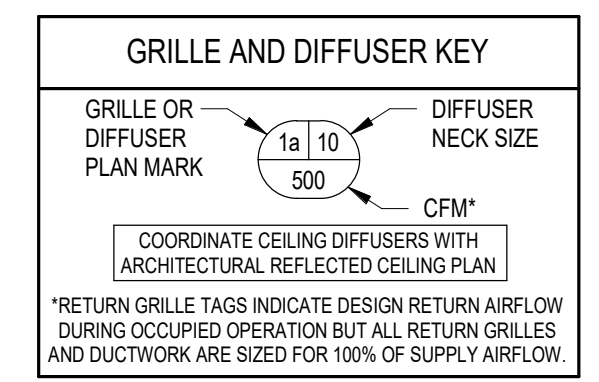
Key Plan

Revision Description Date

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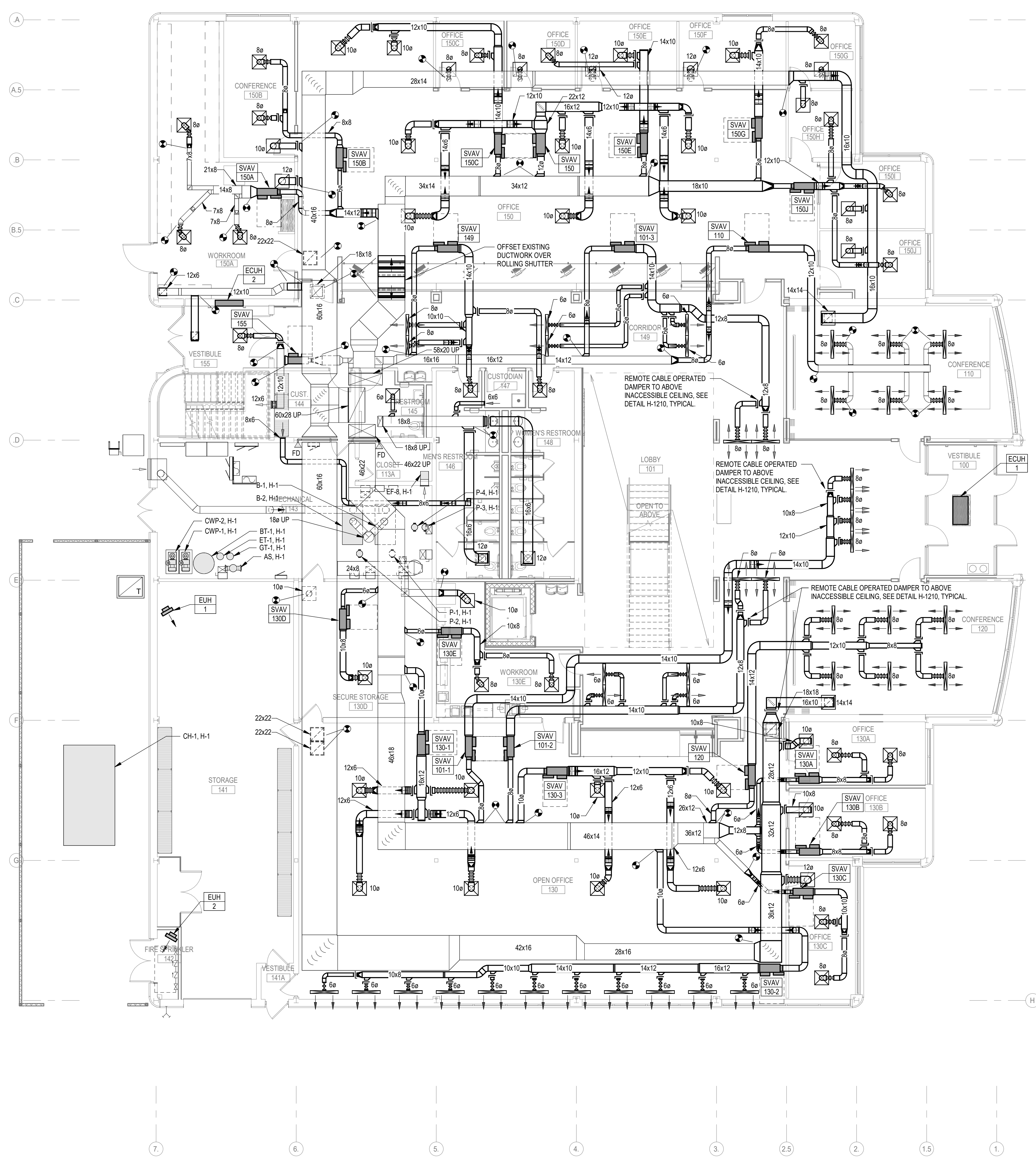
1 HHS - LEVEL 3 HVAC PLAN - TEMPORARY
1/8" = 1'-0"



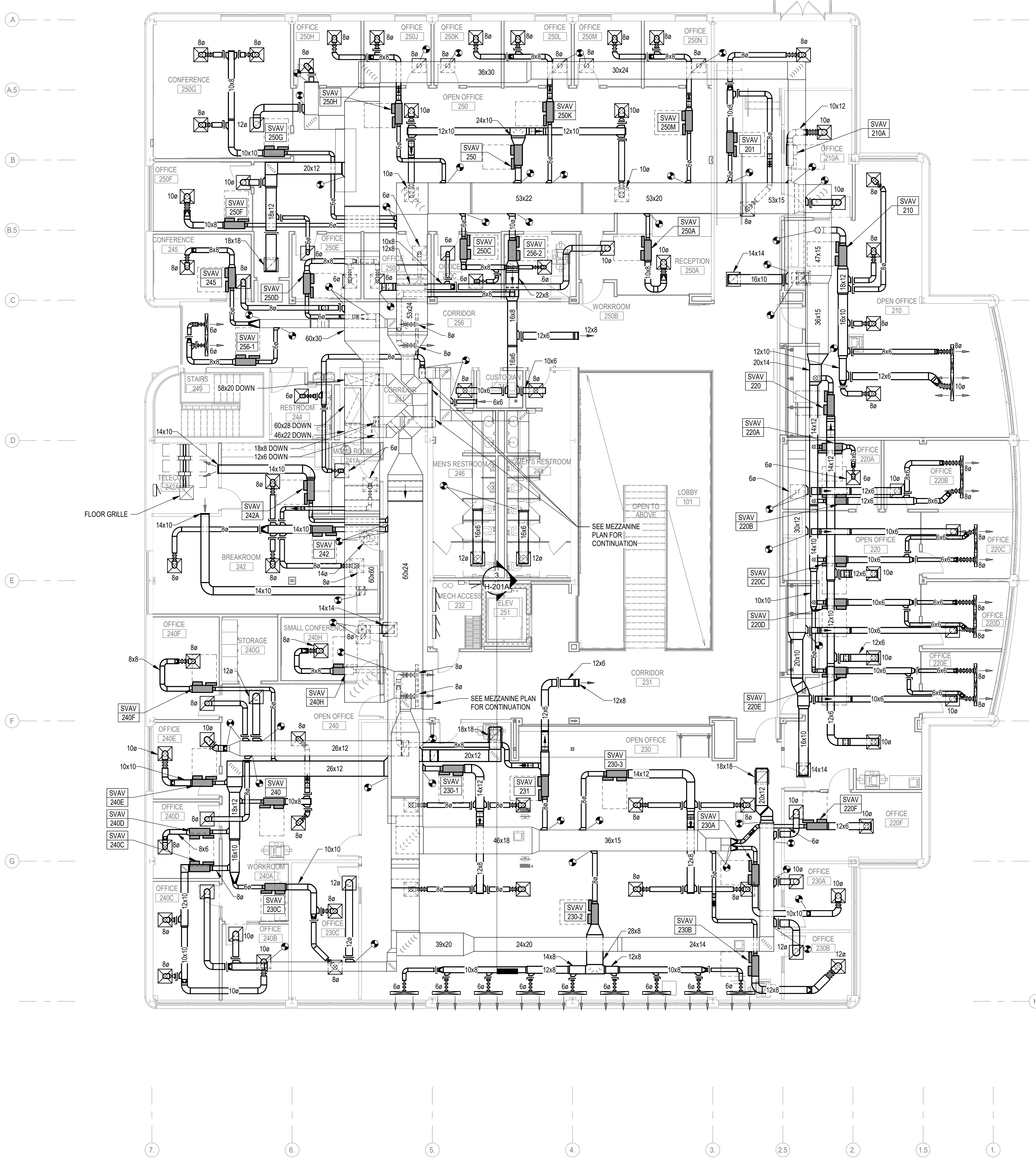
Key Plan

Revision	Description	Date

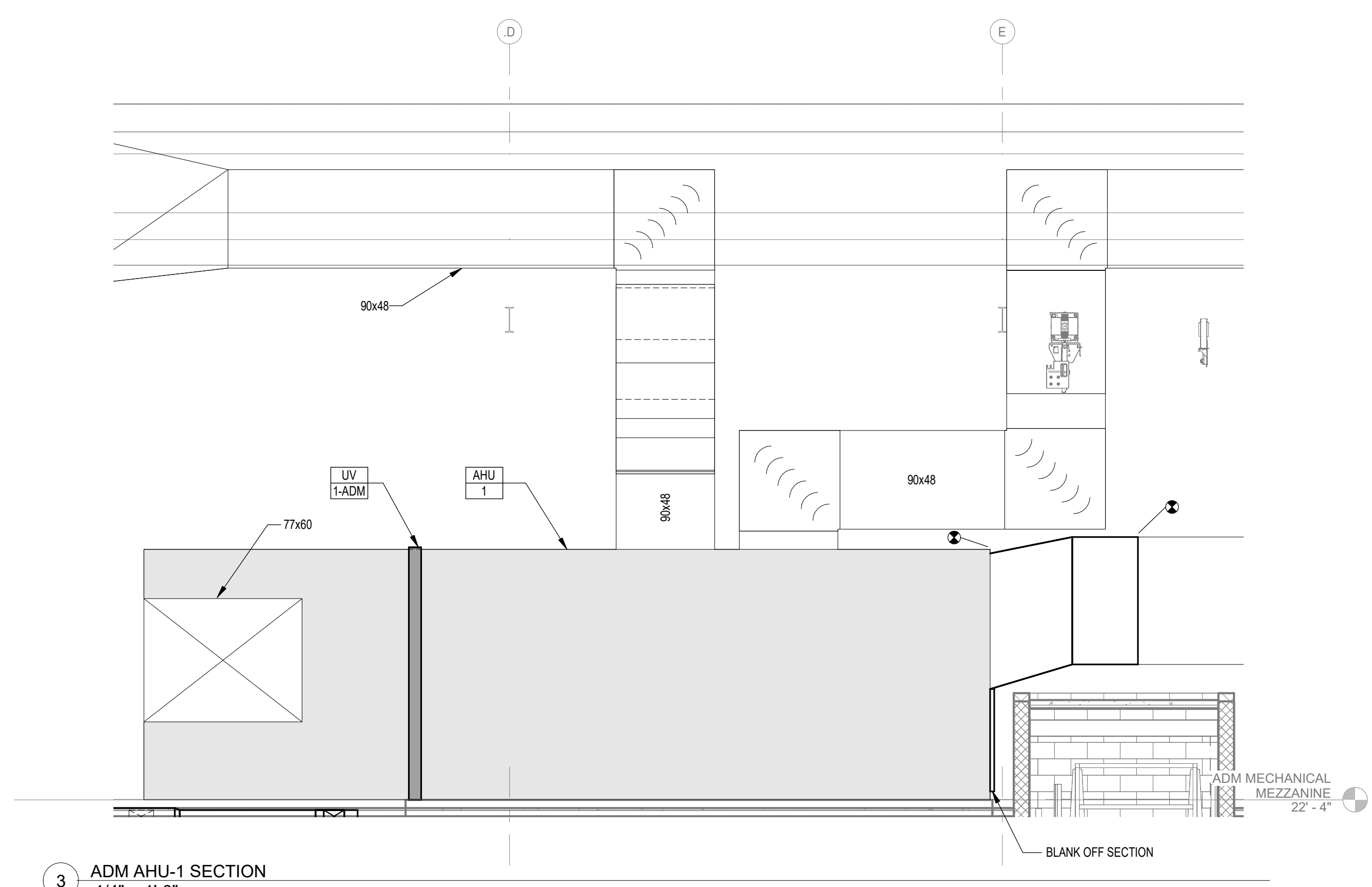
KEYED NOTES
H-1 EXISTING TO REMAIN.



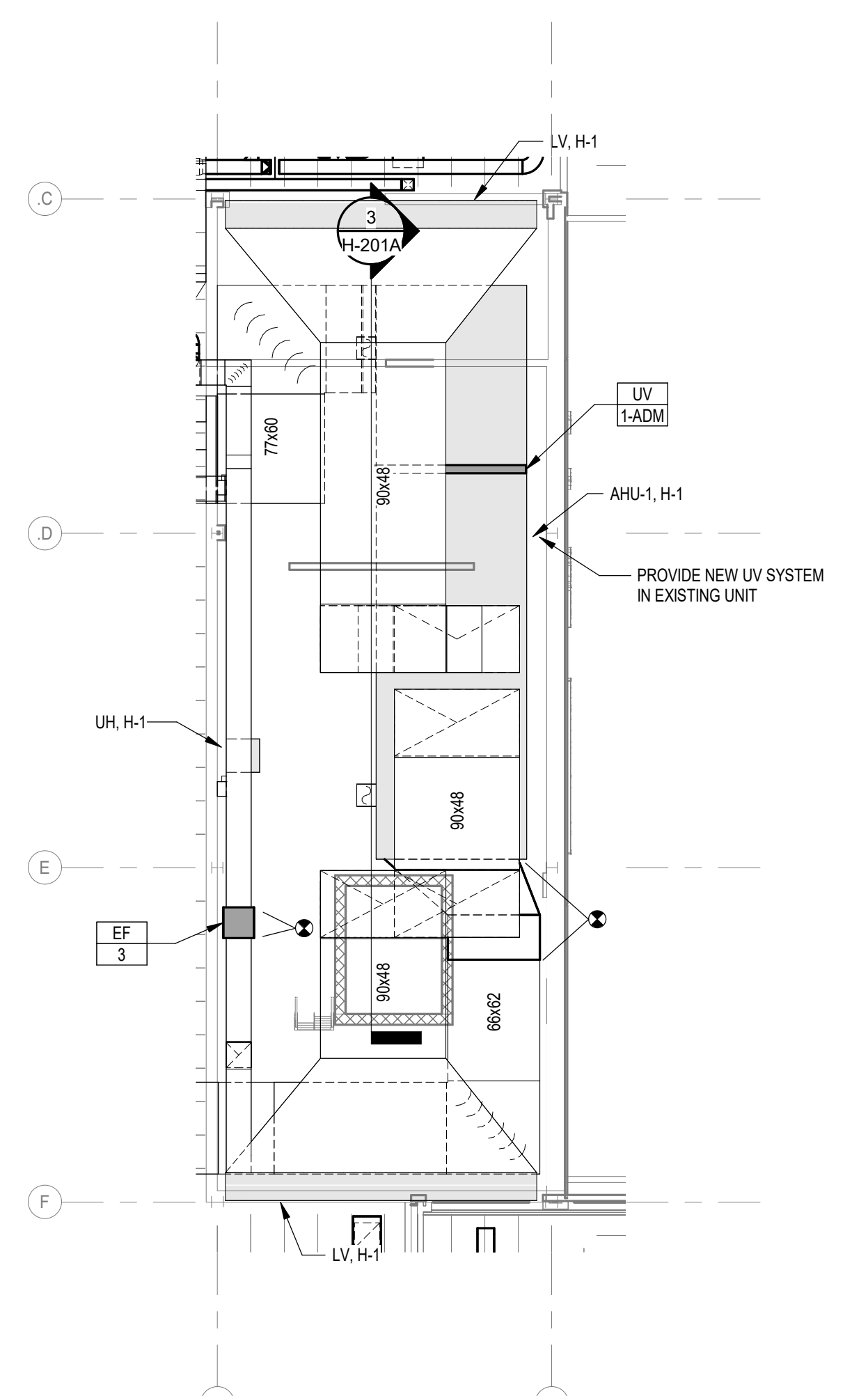
1 ADM - LEVEL 1 HVAC DUCTWORK PLAN
1/8" = 1'-0"



2 ADM - LEVEL 2 HVAC DUCTWORK PLAN
1/8" = 1'-0"



3 ADM AHU-1 SECTION
1/4" = 1'-0"



4 ADM - MECHANICAL MEZZANINE HVAC DUCTWORK PLAN
1/8" = 1'-0"

GRILLE AND DIFFUSER KEY

GRILLE OR DIFFUSER PLAN MARK

DIFFUSER NECK SIZE

CFM

COORDINATE CEILING DIFFUSERS WITH ARCHITECTURAL REFLECTED CEILING PLAN

RETURN GRILLE TAGS INDICATE DESIGN RETURN AIRFLOW DURING OCCUPIED OPERATION BUT ALL RETURN GRILLES AND DUCTWORK ARE SIZED FOR 100% OF SUPPLY AIRFLOW

NEW WORK KEY

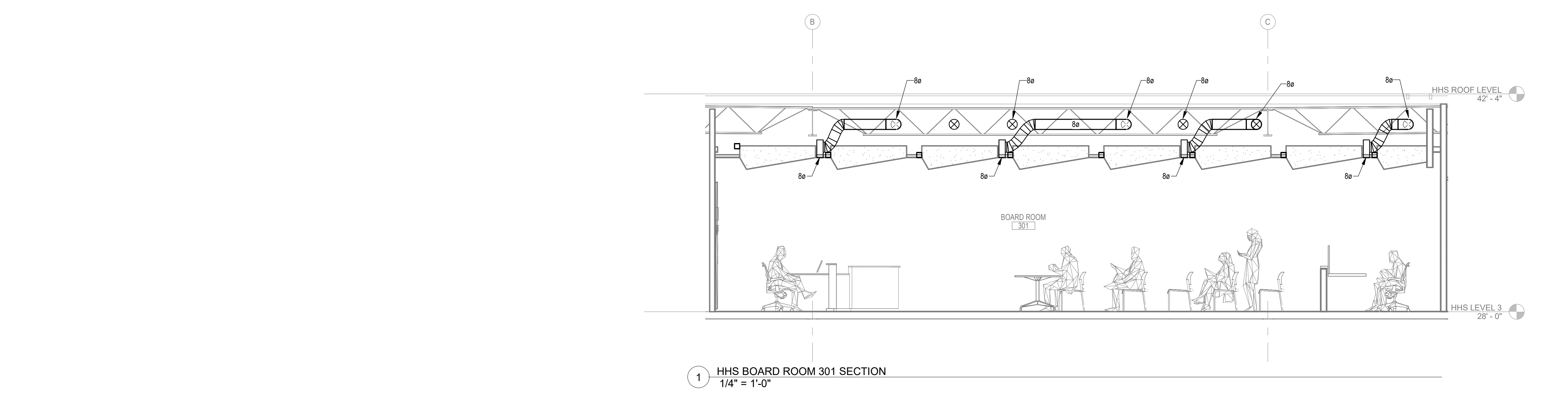
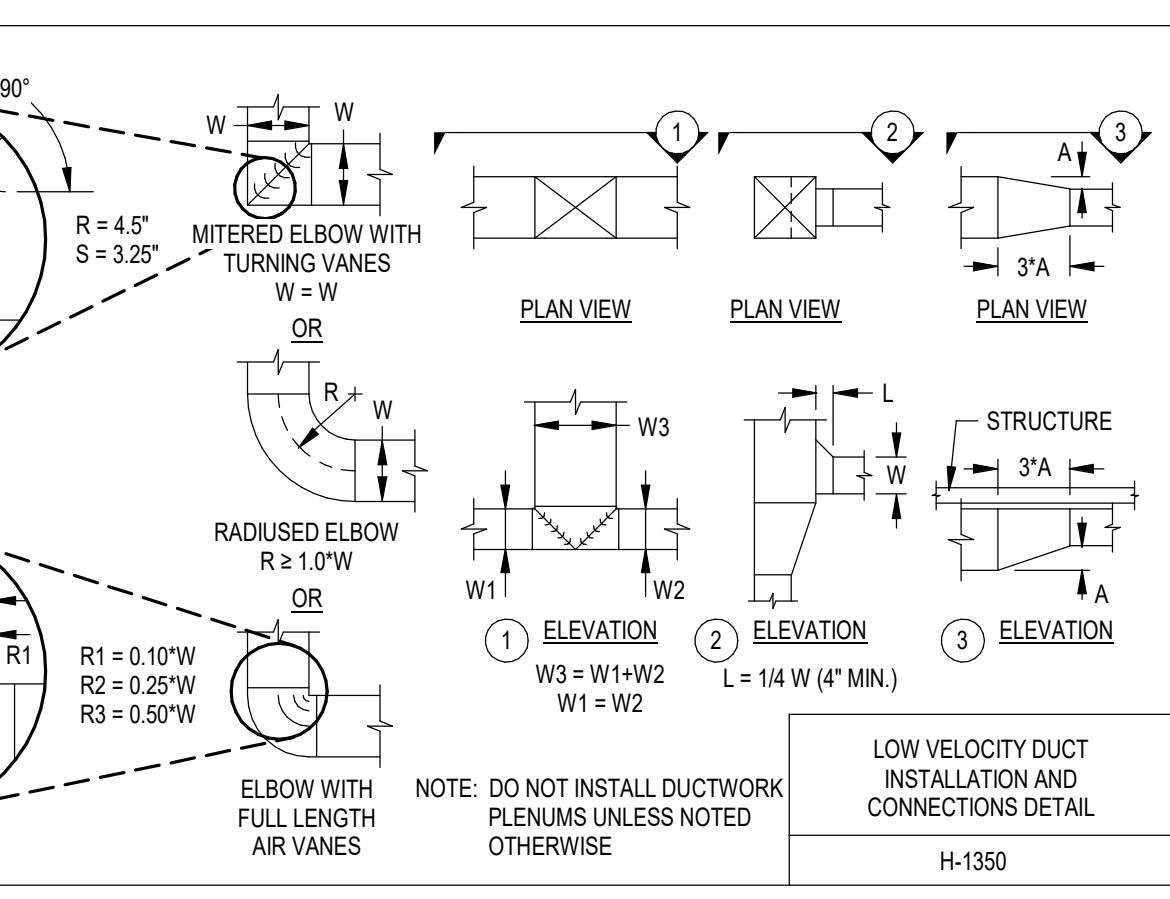
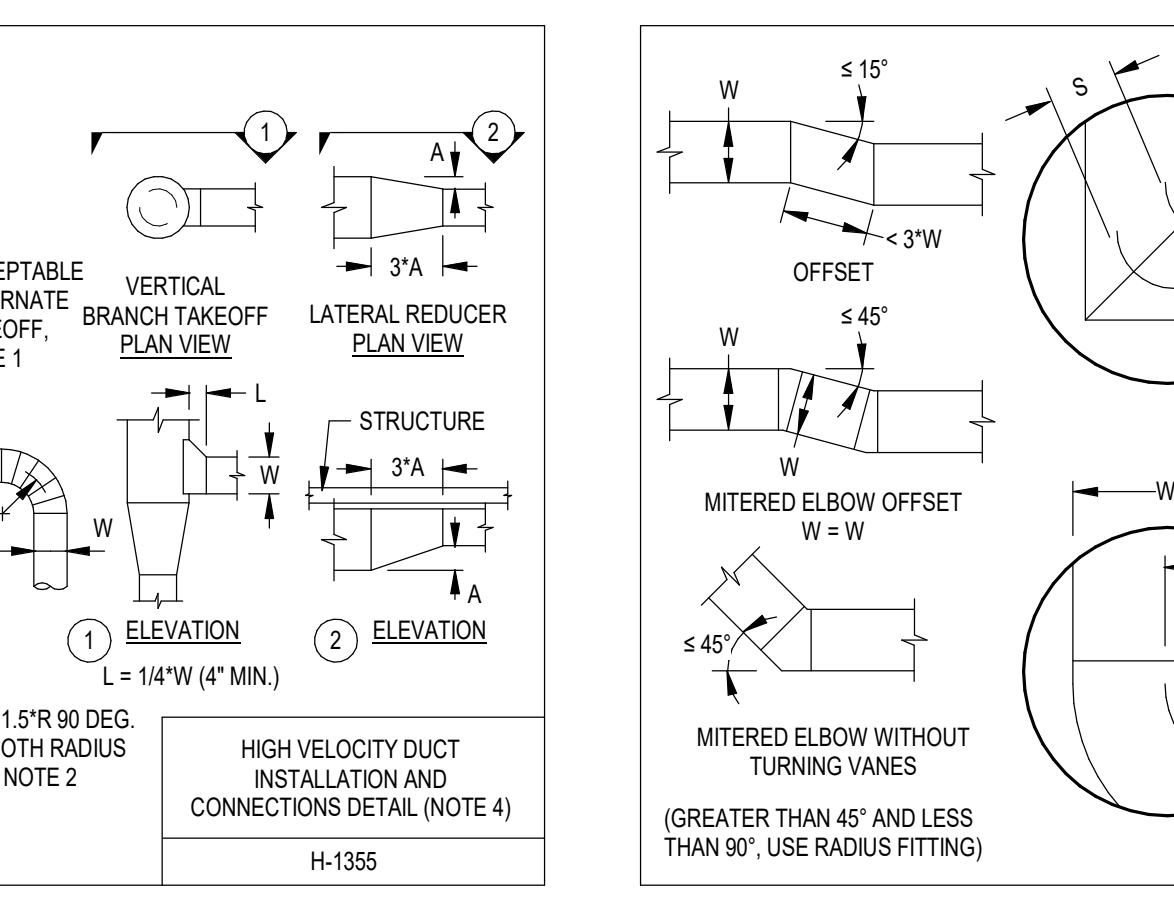
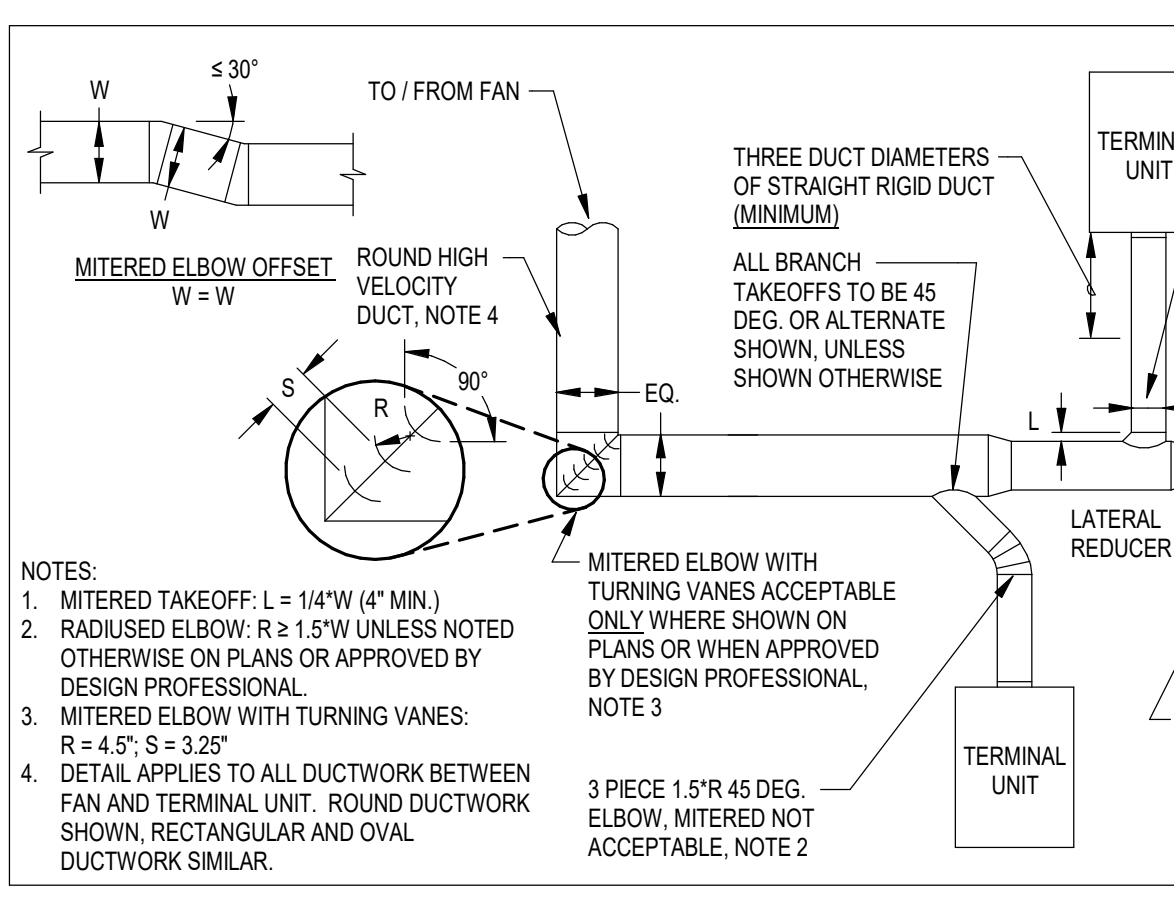
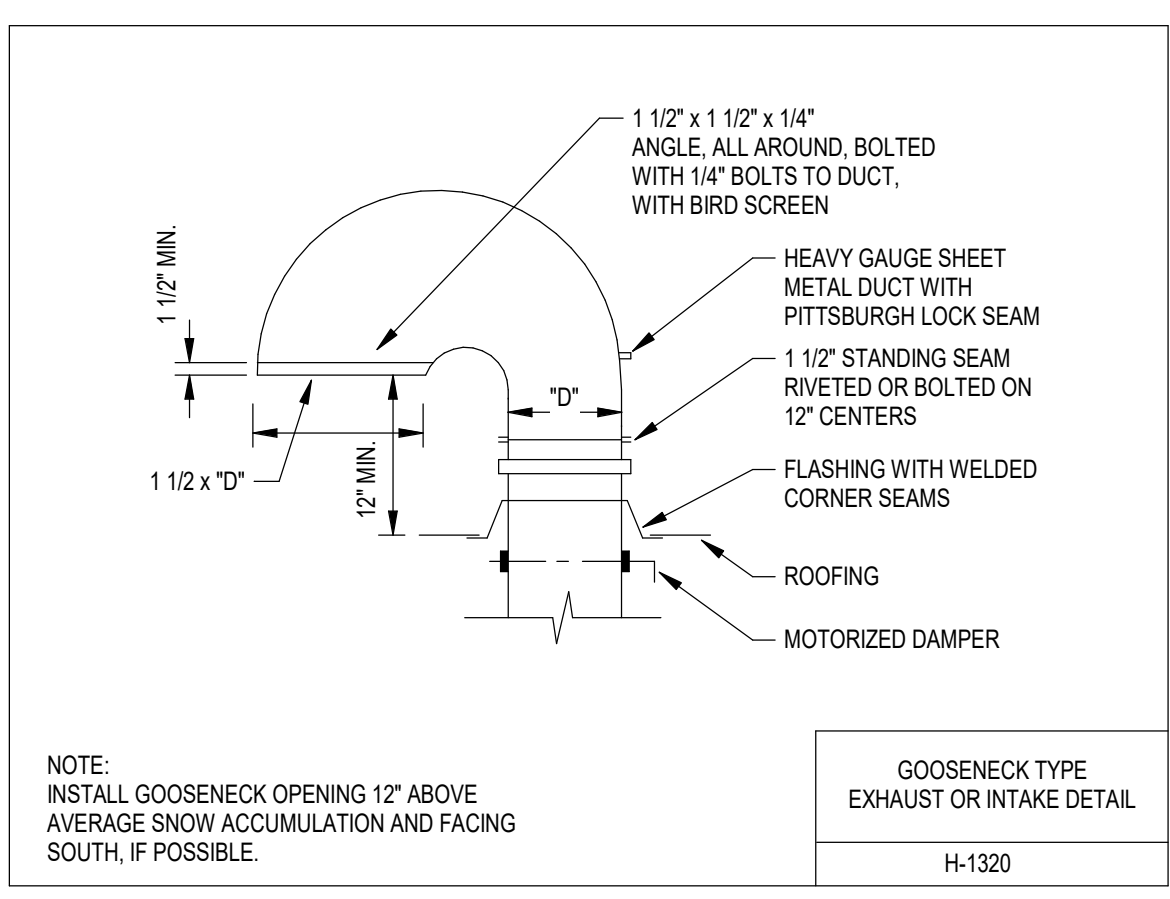
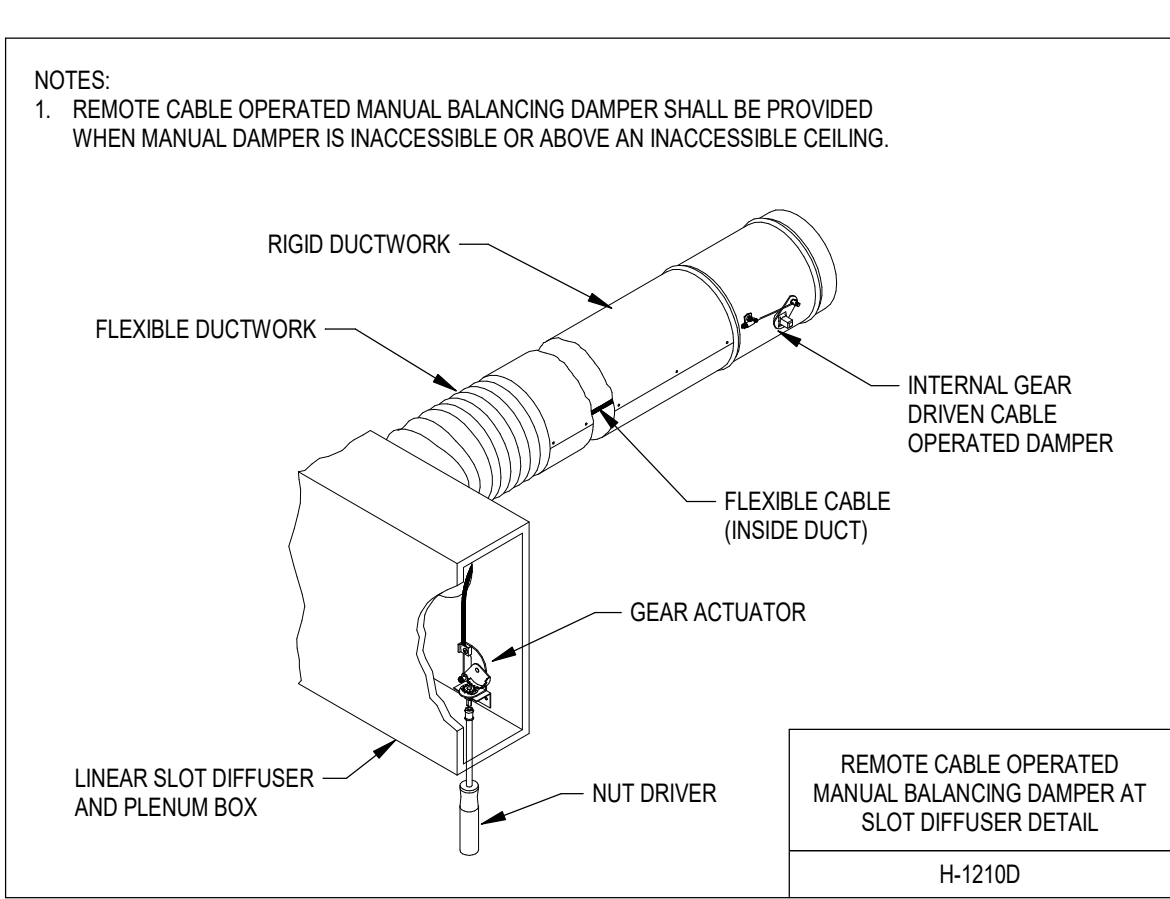
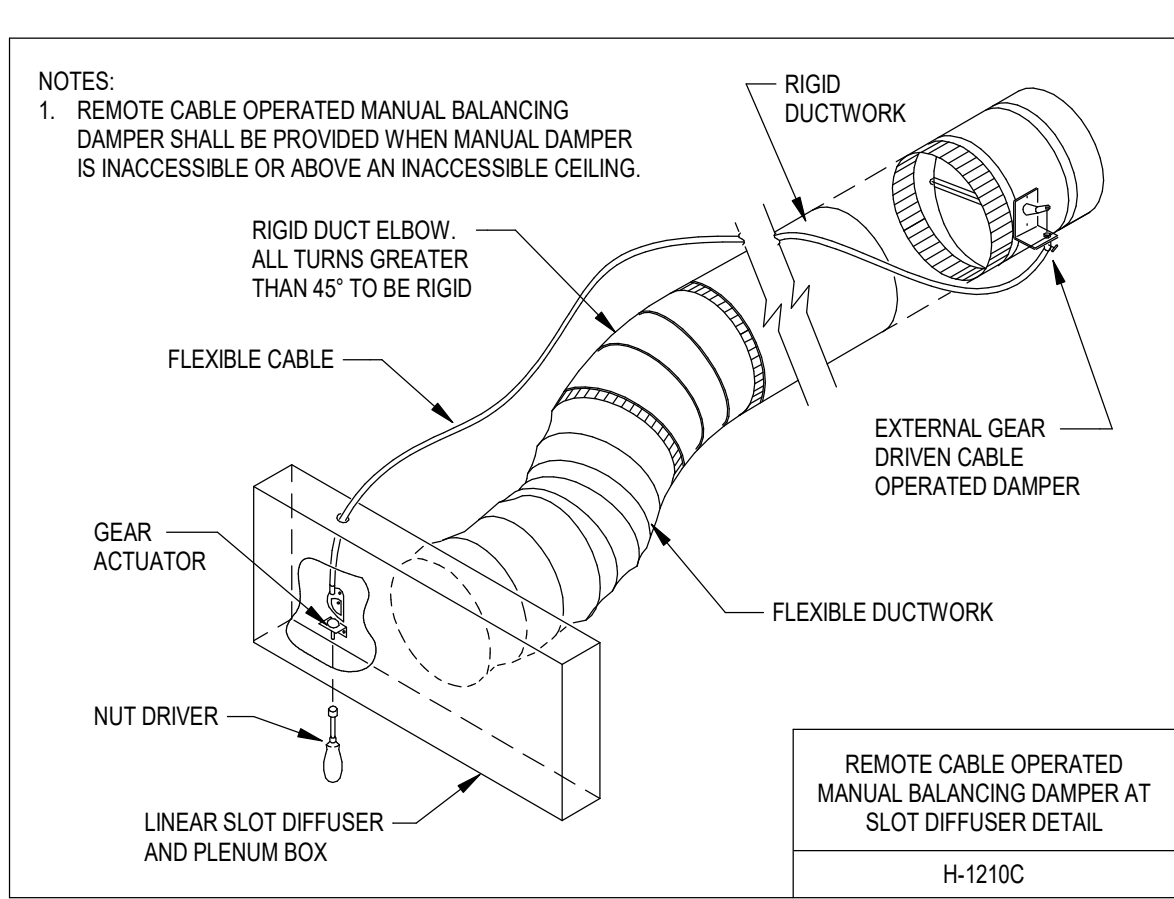
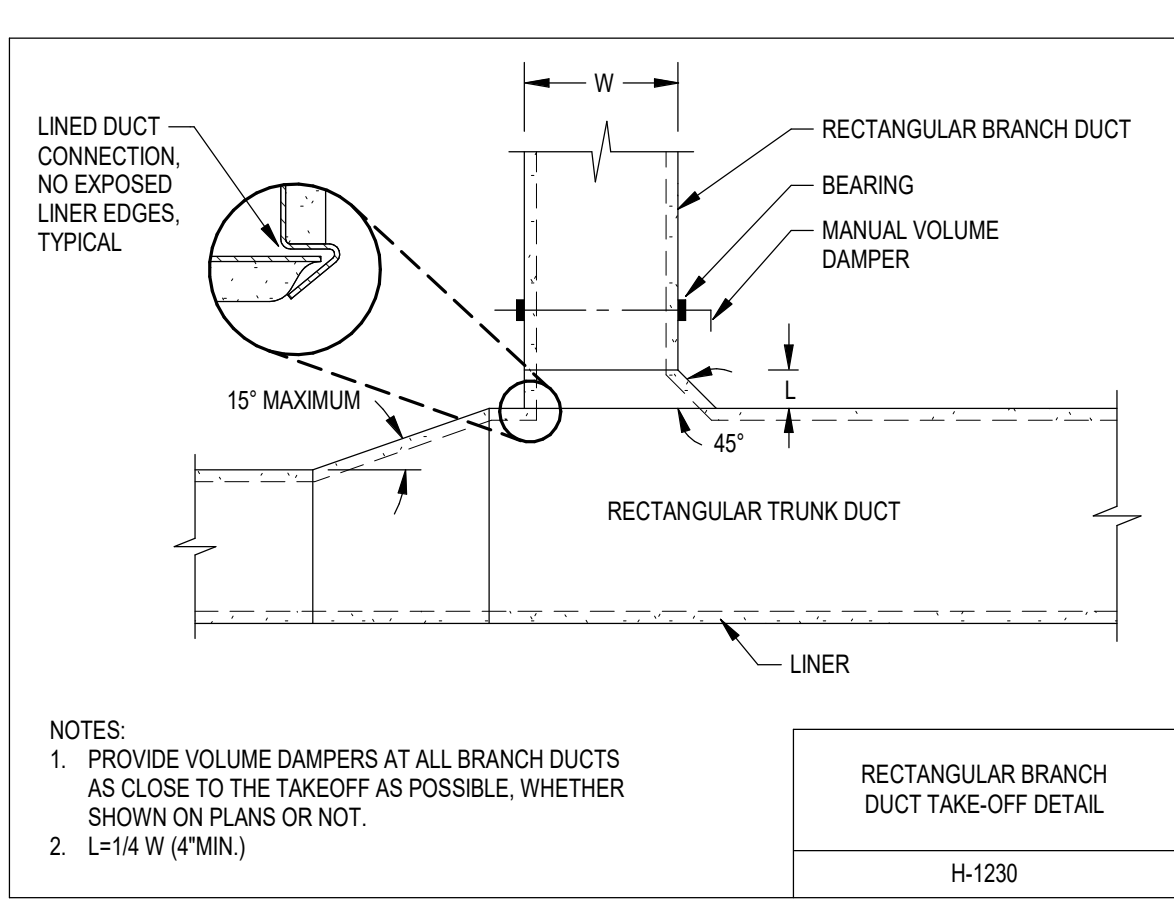
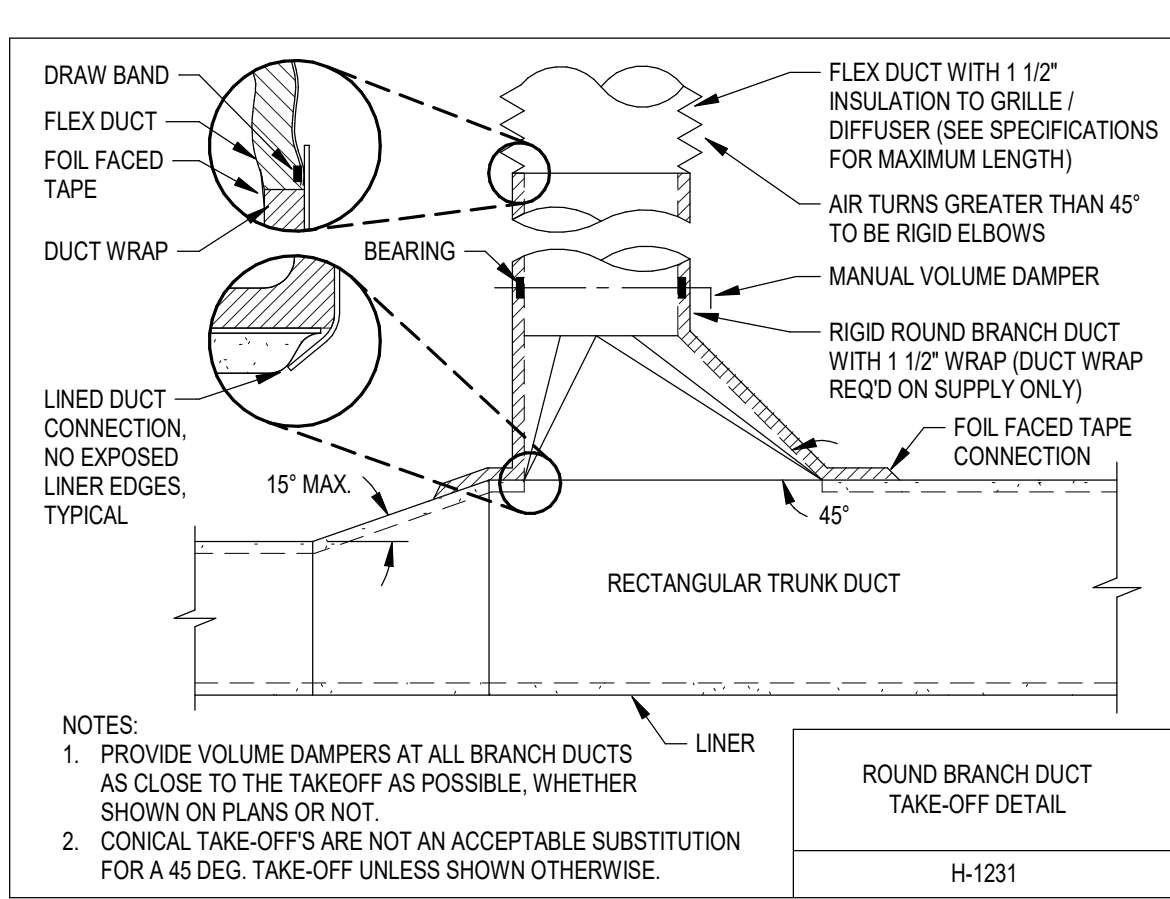
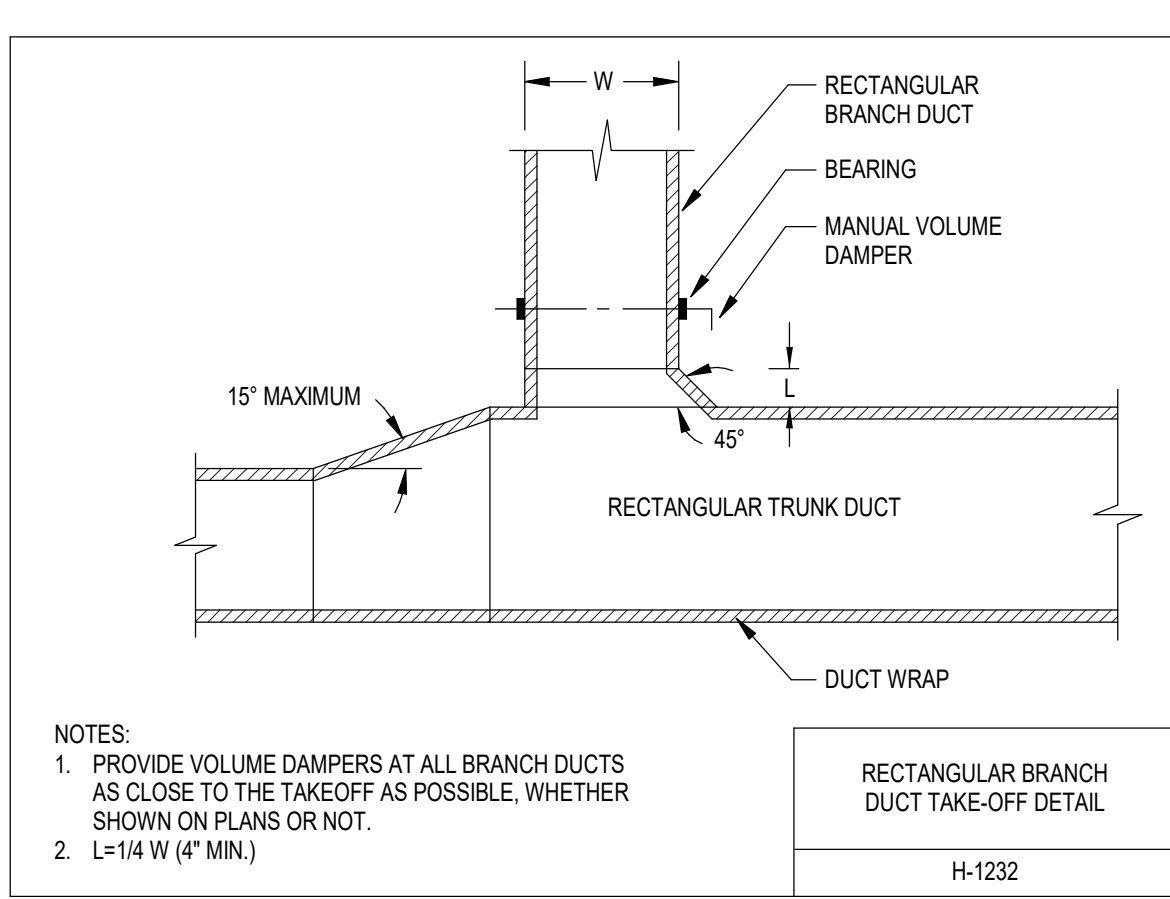
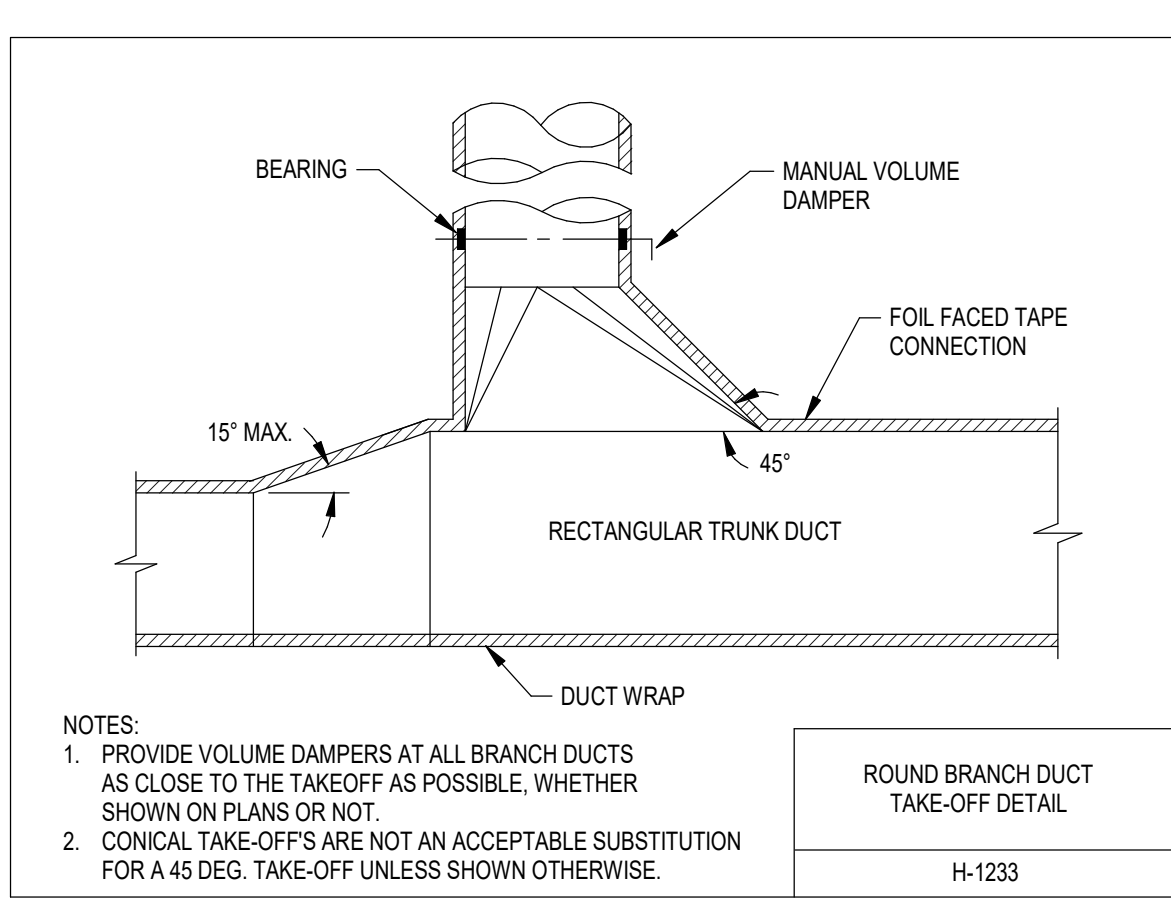
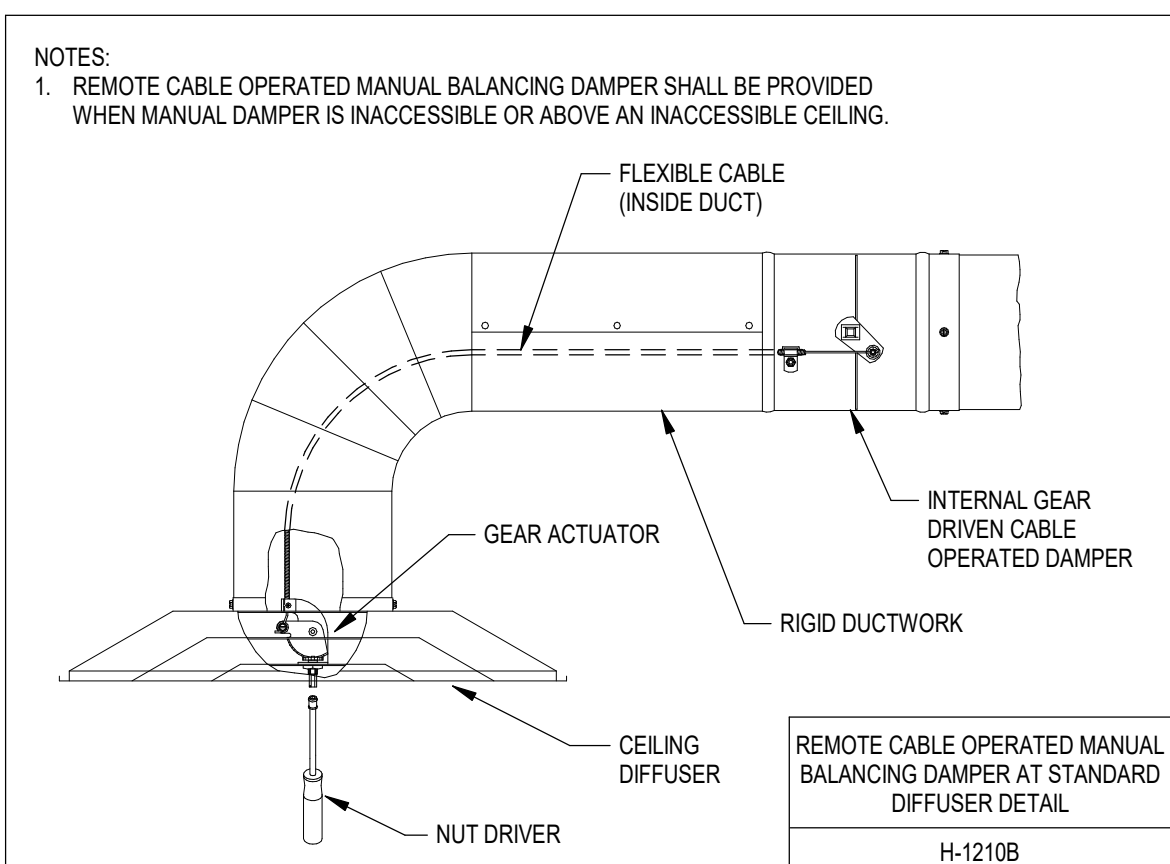
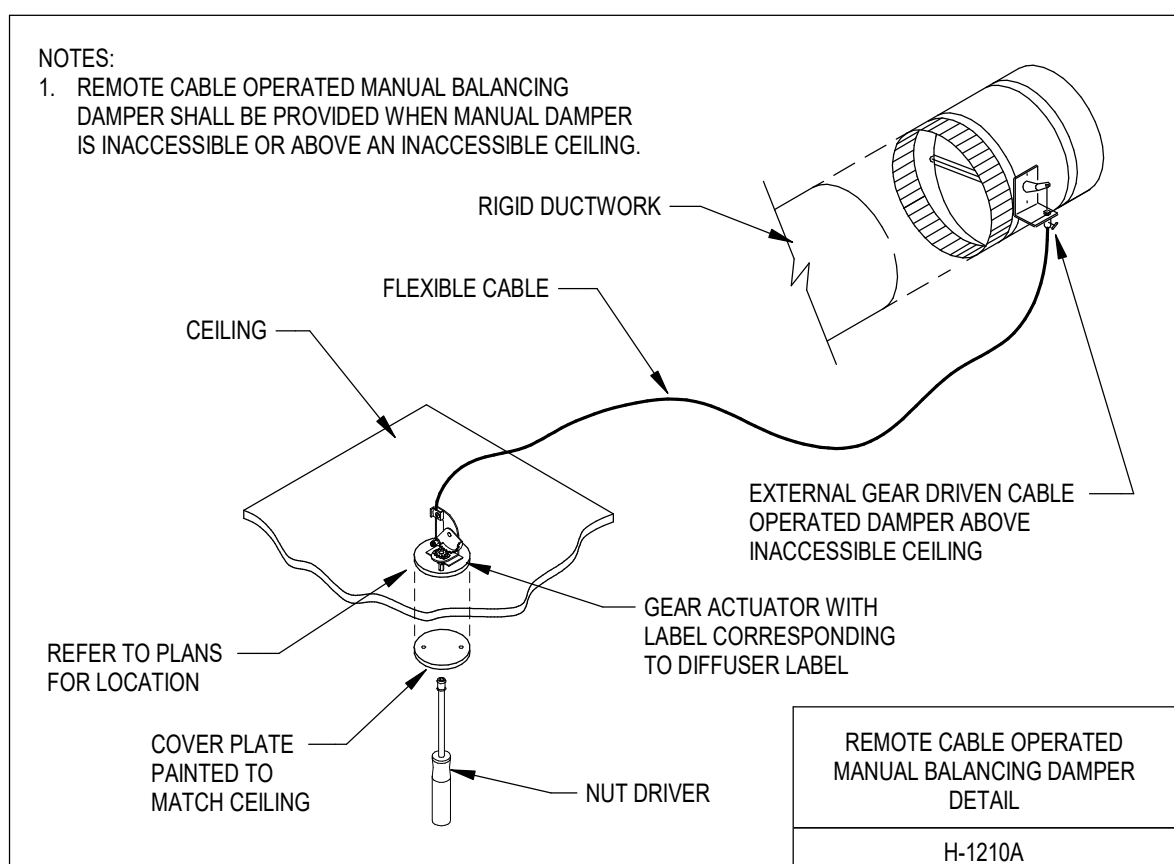
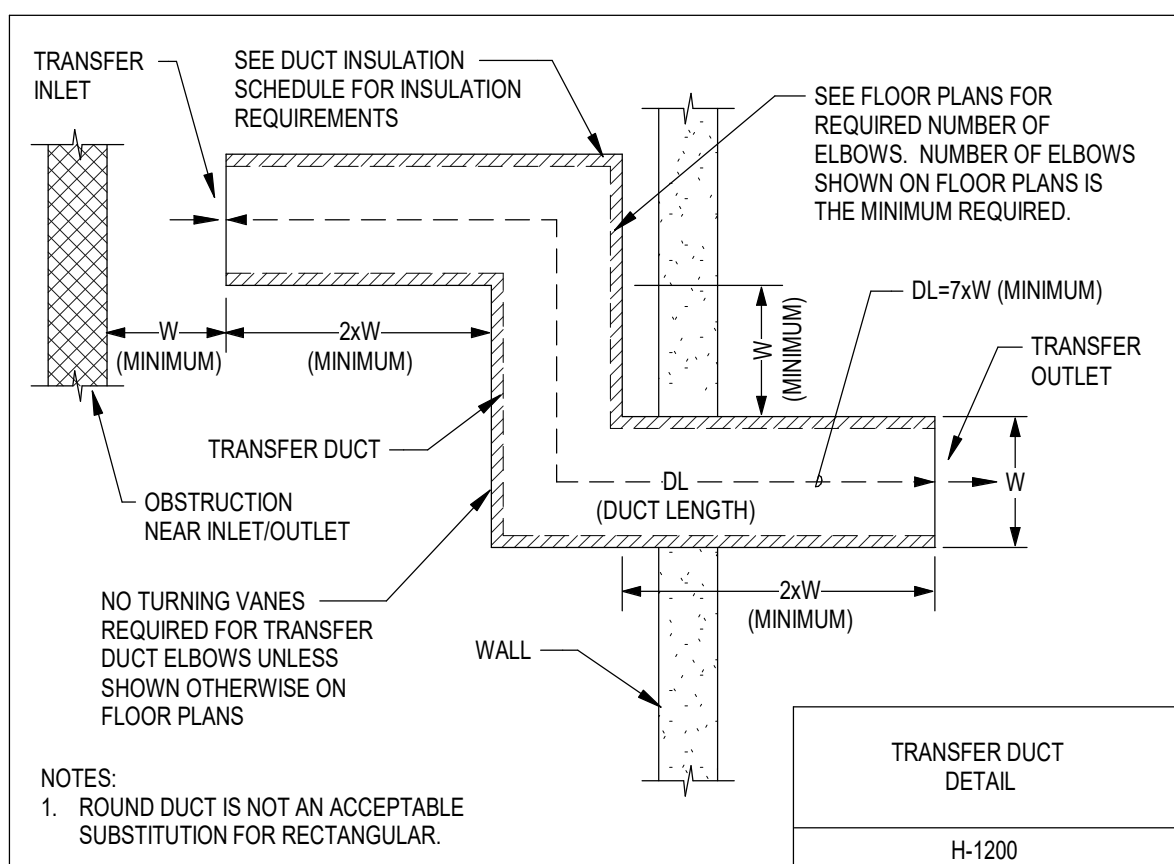
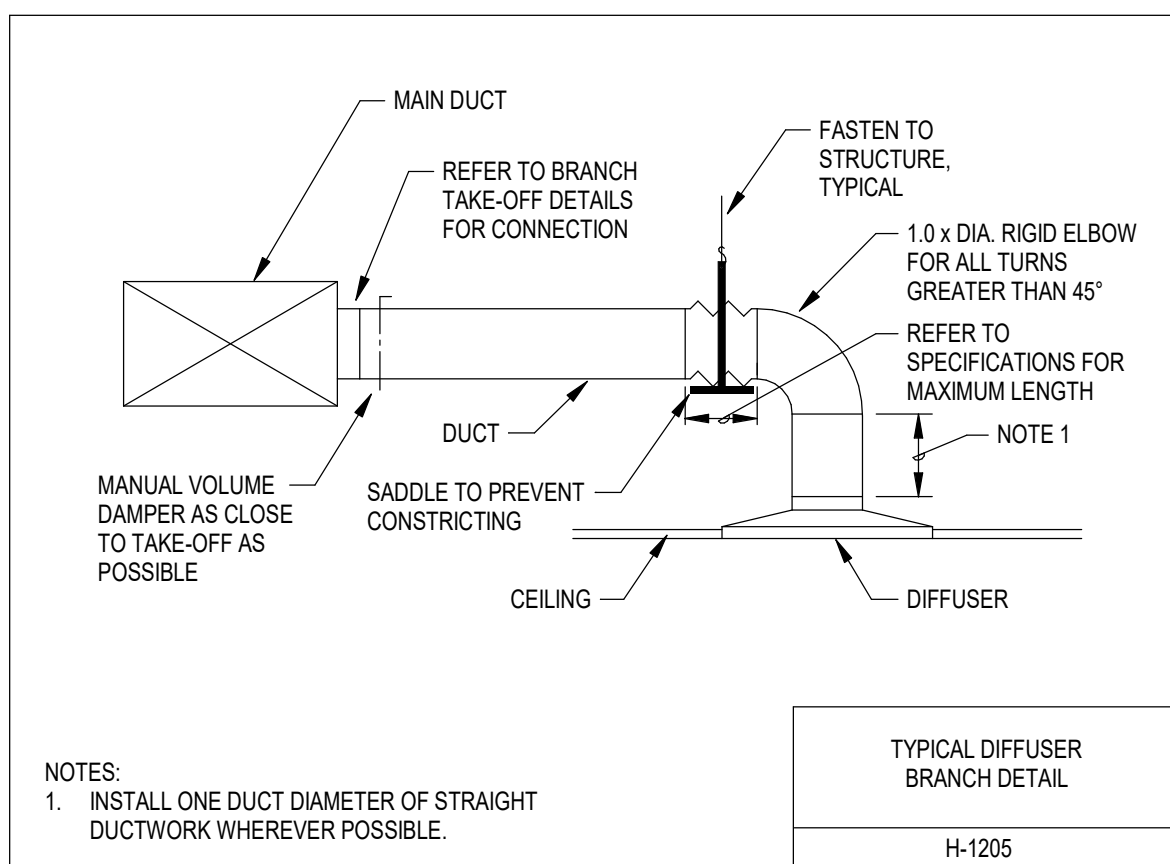
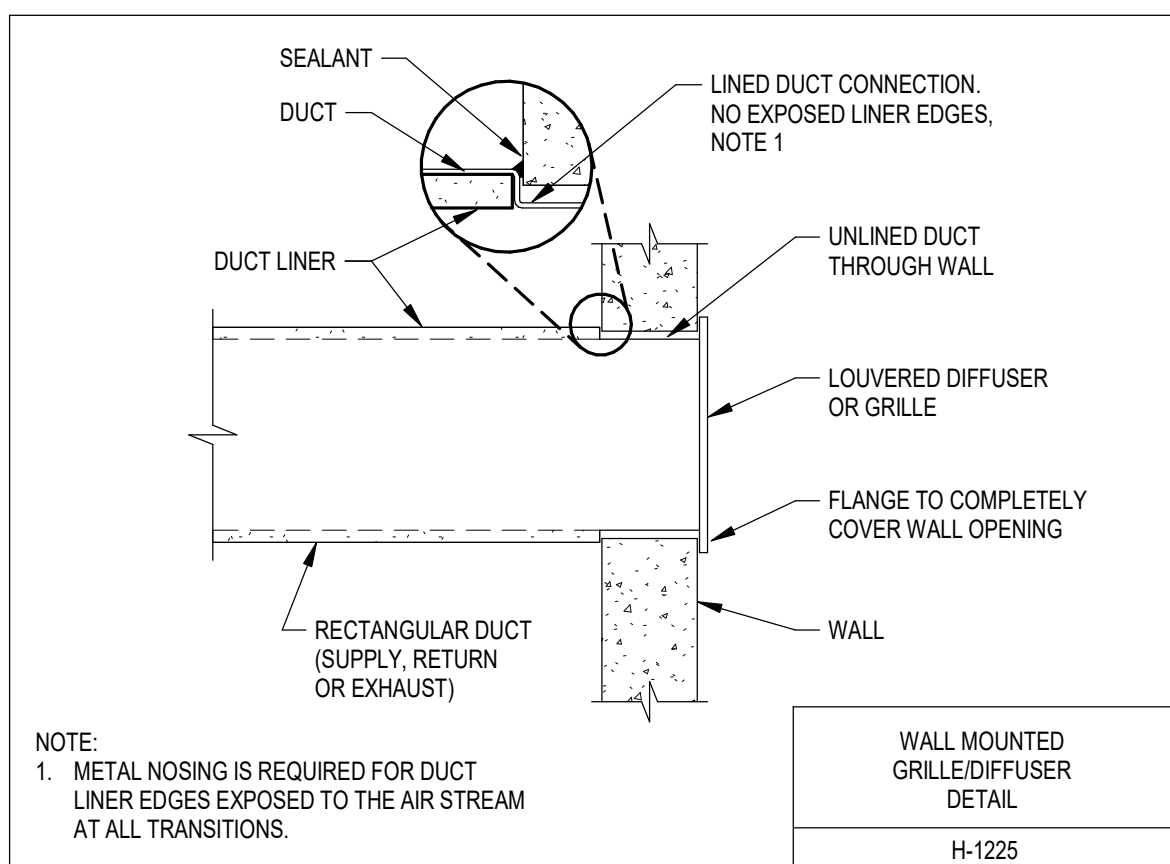
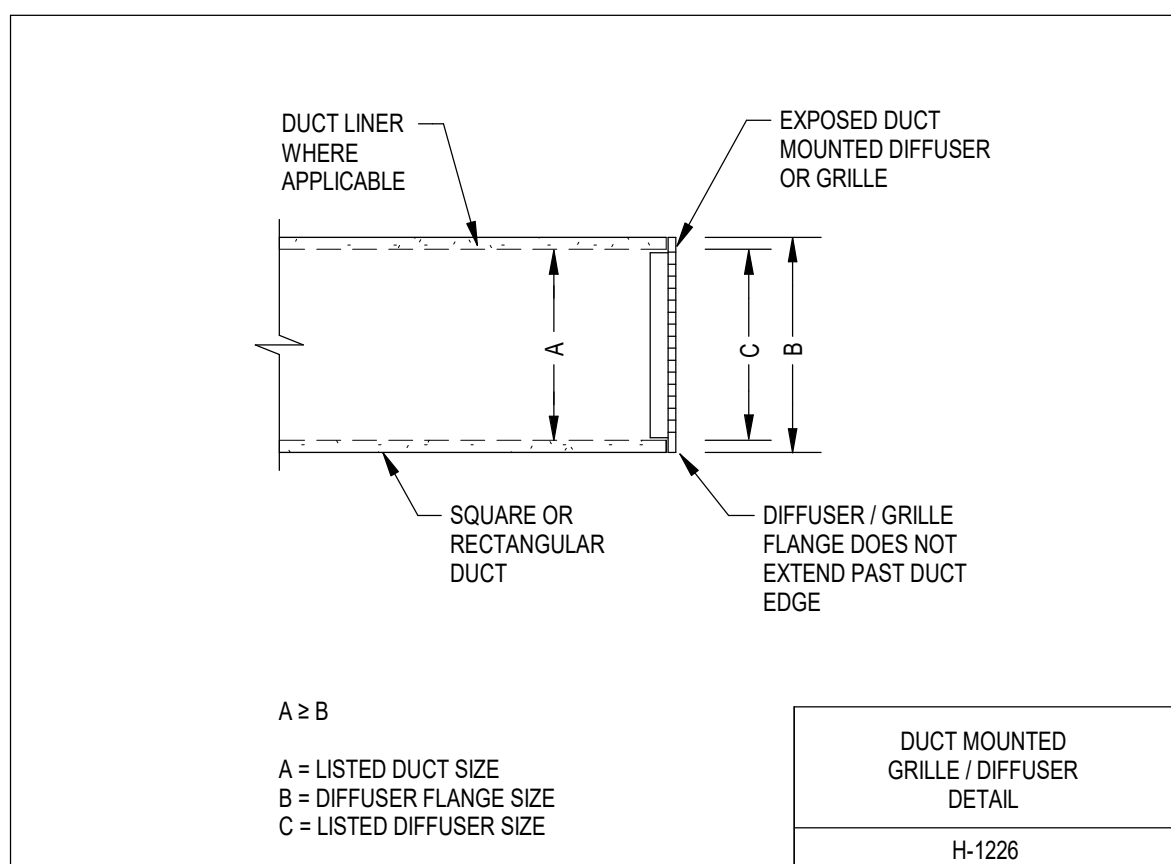
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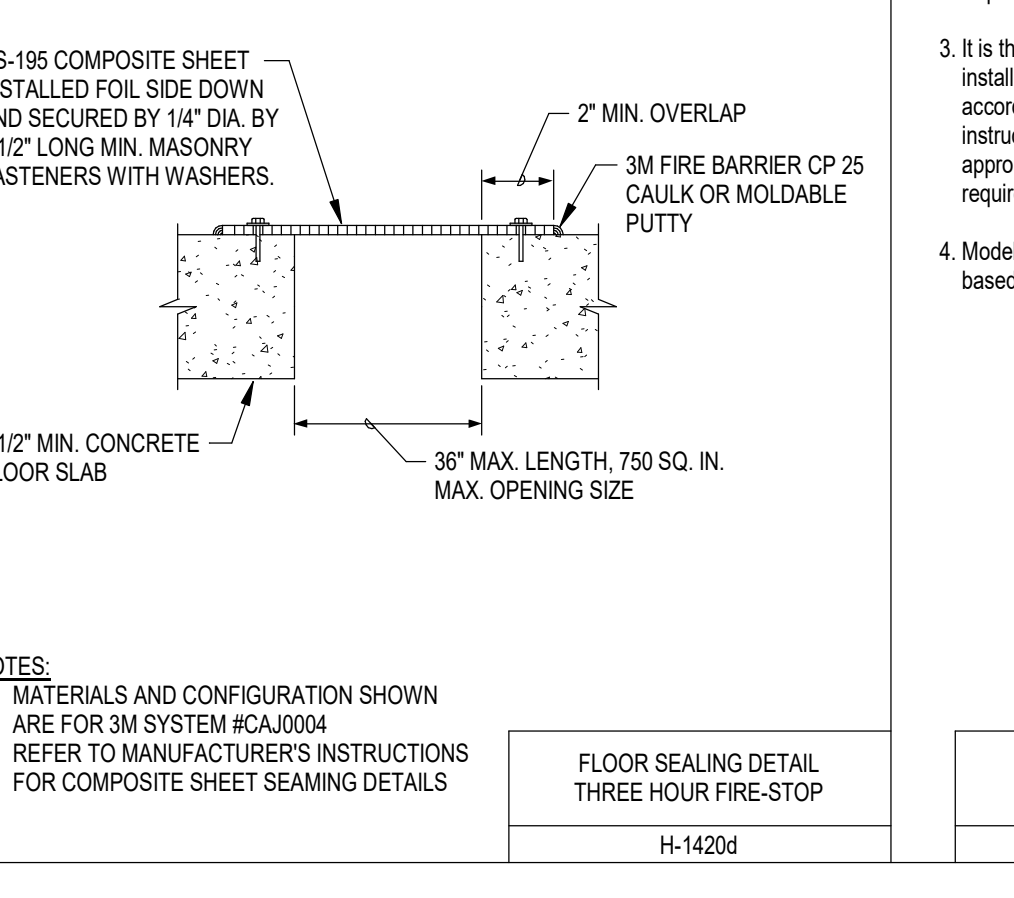
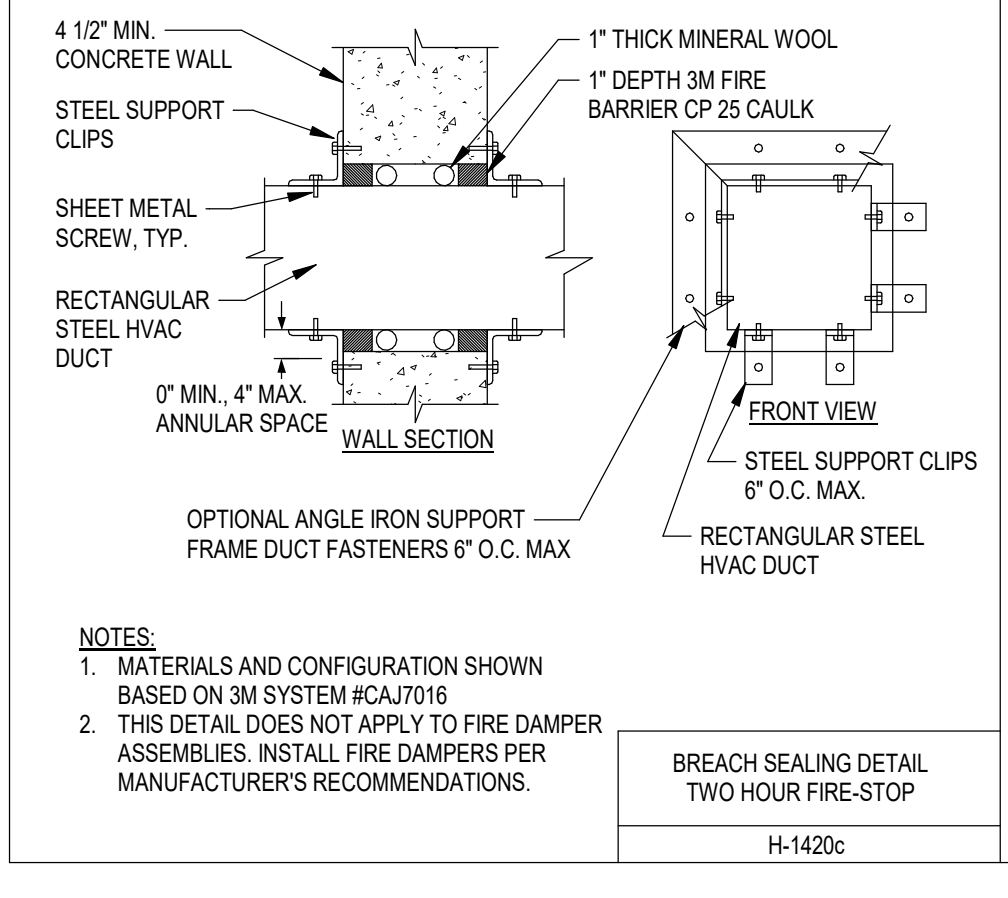
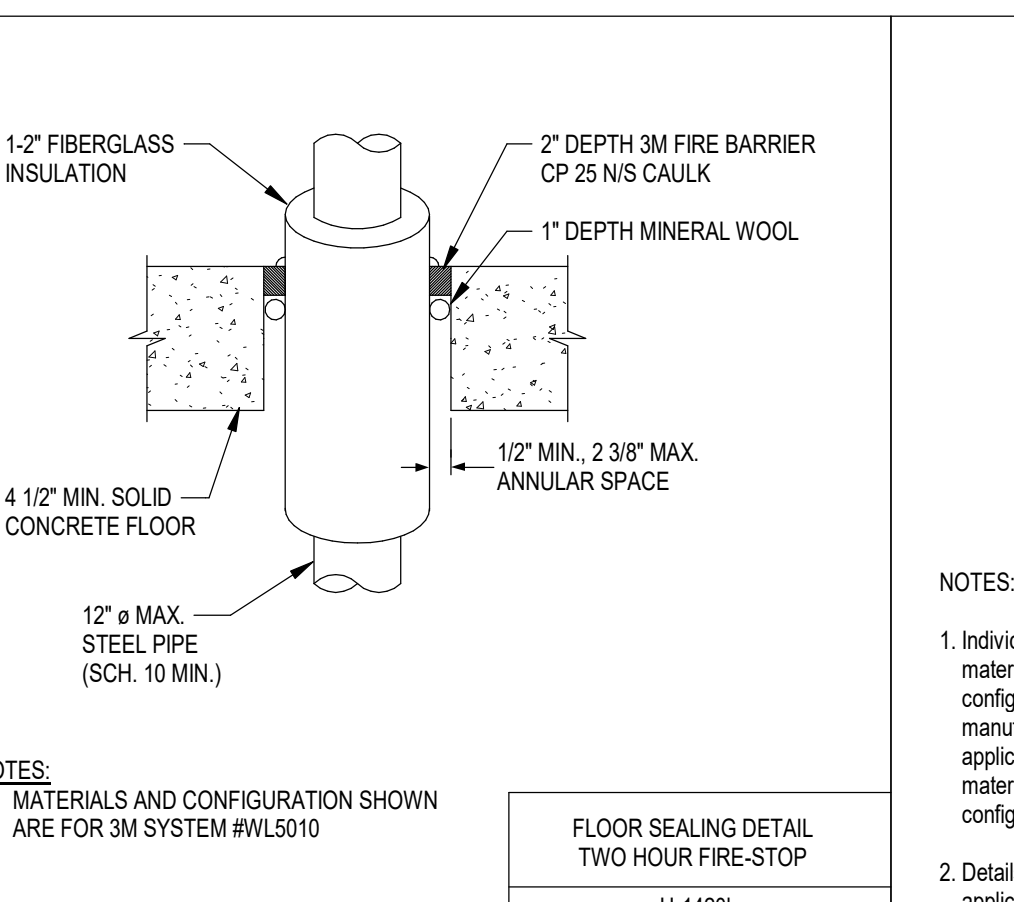
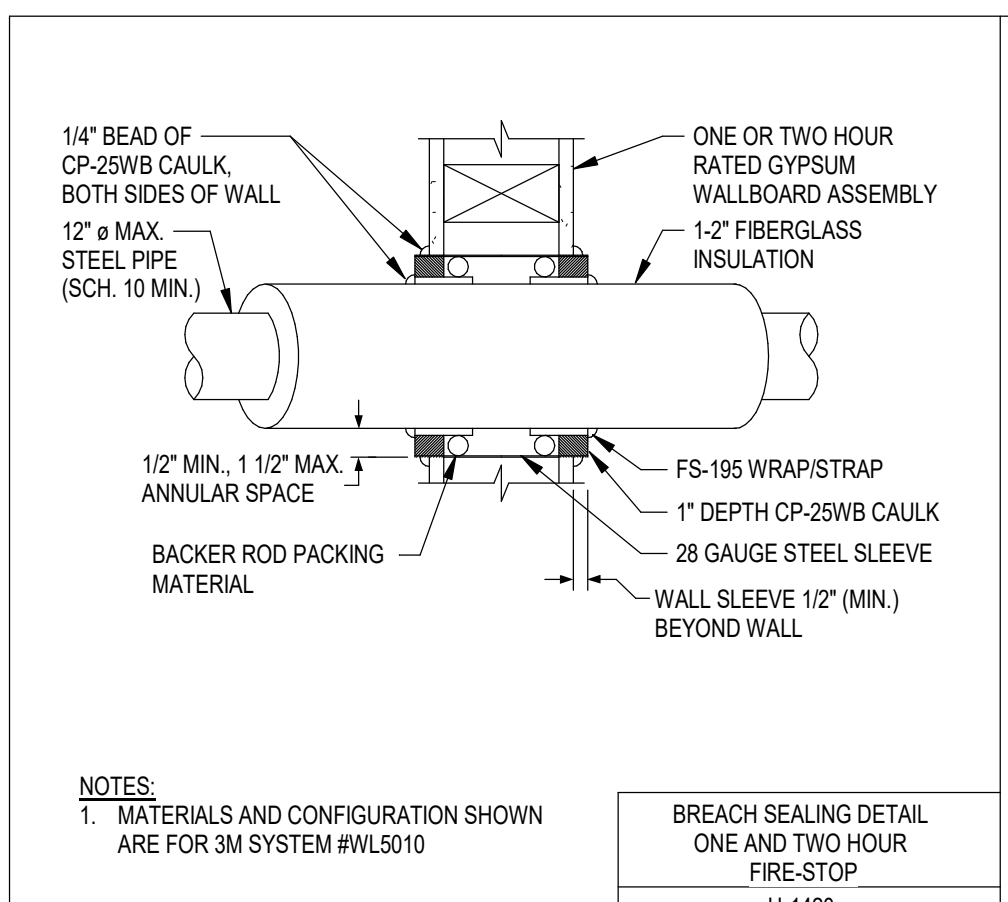
EXISTING EQUIPMENT

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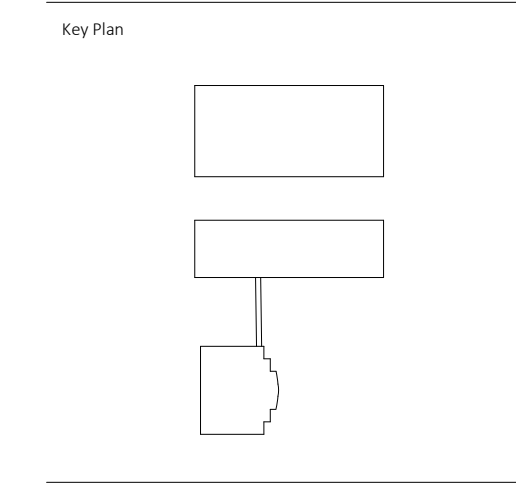
Revision Description Date



1 HHS BOARD ROOM 301 SECTION
1/4\"/>



- NOTES:
- Individual details apply to the materials, construction types, and configurations shown. Refer to manufacturer's system and application details for other materials, construction or configurations.
 - Details shown are for typical applications and do not necessarily apply to any or all fire stopping requirements on the project.
 - It is the Contractor's responsibility to install all fire stopping in strict accordance to the manufacturer's instructions to comply with the appropriate IM System assembly requirements.
 - Model numbers and materials are based on IM products.



Revision Description Date

VARIABLE VOLUME TERMINALS WITH ELECTRIC HEAT - HHS. TABLE WITH COLUMNS: PLAN MARK, INLET SIZE, INLET PRES, MAX CLG, MIN CFM, HTG MAX CFM, SP (IN. W.C.), NC RATING, KW, VOLTS/PH, AIR ENT, AIR L/VG, MODEL NUMBER, NOTES.

VARIABLE VOLUME TERMINALS WITH ELECTRIC HEAT - ADM. TABLE WITH COLUMNS: PLAN MARK, INLET SIZE, INLET PRES, CLG, MIN CFM, HTG MAX CFM, SP (IN. W.C.), NC RATING, KW, VOLTS/PH, AIR ENT, AIR L/VG, MODEL NUMBER, NOTES.

SOUND ATTENUATOR SCHEDULE. TABLE WITH COLUMNS: PLAN MARK, SYSTEM, DUCT SIZE, DUCT OPENING, OUTSIDE DIMENSIONS, MIN. REQ'D. DYNAMIC INSERTION LOSS, AIR FLOW, VELOCITY, IDEAL P.D., INSTALLED P.D., MODEL NUMBER.

ULTRAVIOLET EMMITER SCHEDULE. TABLE WITH COLUMNS: PLAN MARK, UNIT SERVED, LAMP QTY, LAMP LENGTH, INITIAL AVG INTENSITY, 1 YEAR MIN INTENSITY, POWER SUPPLY, HEAT GAIN, MANUFACTURER & MODEL NO., FRAME STYLE, NOTES.

FAN SCHEDULE - ADM BUILDING. TABLE WITH COLUMNS: PLAN MARK, S.P. IN, CFM, INCHES, BHP, W, VOLTS, PH, MOTOR CONTROLS, F.L.A., FAN RPM, MOUNTING, USAGE, MANUFACTURER & MODEL NO., SONES, NOTES.

DIFFUSER AND GRILLE SCHEDULE. TABLE WITH COLUMNS: PLAN MARK, MODEL NUMBER, TYPE, DESCRIPTION, MOUNTING, COLOR, REMARKS, NOTES.

DUCT INSULATION SCHEDULE (Note 1). TABLE WITH COLUMNS: SPACE TYPE, SERVICE, CONSTRUCTION, TYPE, DUCT LINER, DUCT COVERING, PRE-INSULATED, RIGID COVERING, UN-INSULATED.

NOTES: 1. Unless listed above as "Uninsulated", all ductwork and accessories shown on the plans shall be either lined or covered. If type or thickness is not indicated, it shall be 1-1/2" covering.

DUCT PRESSURE AND SEAL CLASS SCHEDULE (NOTE 1). TABLE WITH COLUMNS: SYSTEM, SERVICE, DUCT PRESSURE CLASS, DUCT SEAL CLASS.

NOTES: 1. Ductwork to be duct pressure class +4" and duct seal class A unless listed otherwise in schedule above.

ELECTRIC UNIT HEATER SCHEDULE. TABLE WITH COLUMNS: PLAN MARK, CAPACITY, ELECTRICAL, MANUFACTURER & MODEL NO., NOTES.

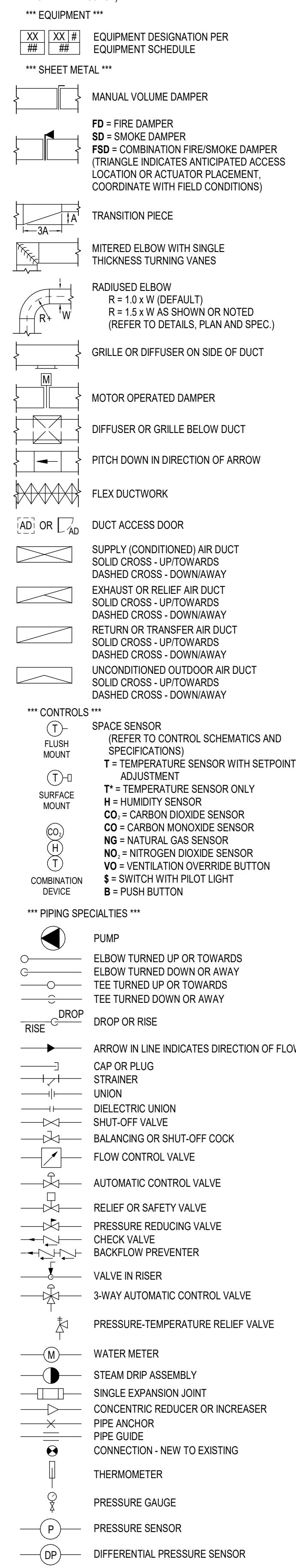
ELECTRIC CABINET UNIT HEATER SCHEDULE. TABLE WITH COLUMNS: PLAN MARK, CAPACITY, ELECTRICAL, MANUFACTURER & MODEL NO., NOTES.

HVAC DEMOLITION KEYED NOTES	
HD1	EXISTING TO REMAIN.
HD2	UNINSTALLED VAV BOX FOR RELOCATION. SEE NEW WORK PLAN FOR DESTINATION LOCATION.

HVAC KEYED NOTES	
H1	EXISTING TO REMAIN.
H2	EXISTING VAV BOX WITH ELECTRIC HEAT TO REMAIN. CONTROLS CONTRACTOR TO PROVIDE NEW CONTROLLER AND THERMOSTAT AND CONNECT TO NEW BAS.
H3	NEW LOCATION OF RELOCATED VAV BOX.
H4	DUCTWORK TO BE ROUTED HIGH THROUGH JOIST WEBBING. COORDINATE DUCT PLACEMENT WITH EXISTING STRUCTURE.
H5	DUCTWORK TO BE ROUTED HIGH WITH JOIST SPACE. COORDINATE DUCT PLACEMENT WITH EXISTING STRUCTURE.

HVAC SYMBOLS

NOTE: ALL SYMBOLS SHOWN MAY NOT BE REQUIRED FOR THIS PROJECT.



*** SHEET METAL ABBREVIATIONS ***
SA = SUPPLY AIR
RA = RETURN AIR
TA = TRANSFER AIR
EA = EXHAUST AIR
OA = OUTDOOR AIR
(ALL SIZES IN INCHES)

*** DUCT SIZE NOMENCLATURE ***
x = RECTANGULAR (e.g. 24x24)
f = DIA. (e.g. 24")
ø = ROUND (e.g. 24")

*** REFERENCE ***
ELECTRICAL PANEL SHOWN FOR COORDINATION

*** PIPING ABBREVIATIONS ***
---CHS--- CHILLED WATER SUPPLY
---CHR--- CHILLED WATER RETURN
---HWS--- HEATING HOT WATER SUPPLY
---HWR--- HEATING HOT WATER RETURN
---HPWS--- HEAT PUMP WATER SUPPLY
---HPWR--- HEAT PUMP WATER RETURN
---CHWS--- CHILLED & HOT WATER SUPPLY
---CHWR--- CHILLED & HOT WATER RETURN
---D--- CONDENSATE DRAIN LINE
---CWS--- CONDENSER WATER SUPPLY
---CWR--- CONDENSER WATER RETURN
---HRS--- HEAT RECOVERY SUPPLY
---HRR--- HEAT RECOVERY RETURN
---RSR--- REFRIGERANT SUCTION GAS AND LIQUID
---RS--- REFRIGERANT SUCTION GAS
---RL--- REFRIGERANT LIQUID
---RHD--- REFRIGERANT HOT GAS
---RR--- REFRIGERANT RELIEF
---SME--- SNOW MELT SUPPLY
---SMR--- SNOW MELT RETURN
---ST#--- STEAM - DESIGN PRESSURE IN PSI
---SC#--- STEAM CONDENSATE - DESIGN PRESSURE IN PSI
---SR--- STEAM RELIEF
---PD--- CONDENSATE PUMP DISCHARGE
---EWS--- EVAPORATOR WATER SUPPLY
---EWR--- EVAPORATOR WATER RETURN
---GWS--- GROUND WATER SUPPLY
---GWR--- GROUND WATER RETURN
---WWS--- WELL WATER SUPPLY
---WWR--- WELL WATER RETURN
---GE--- GENERATOR EXHAUST

GENERAL HVAC DEMOLITION NOTES:

- REFER TO DEMOLITION KEY FOR ITEMS TO BE REMOVED VERSUS ITEMS TO REMAIN.
- SHUT DOWN OF EXISTING HVAC SYSTEMS TO BE REQUESTED AND COORDINATED THROUGH OWNER'S REPRESENTATIVE IN ACCORDANCE WITH DIVISION 06 AND 01 SPECIFICATIONS.
- SCHEDULE FOR ALL WORK IMPACTING ADJACENT OCCUPIED AREAS SHALL BE COORDINATED WITH THE OWNER'S REPRESENTATIVE. WORK TO BE PERFORMED IN A MANNER THAT MINIMIZES THE INTERRUPTIONS AND INCONVENIENCE TO THE OWNER'S OCCUPANCY OF THESE SPACES.
- NOTIFY THE OWNER'S REPRESENTATIVE PRIOR TO CREATING ANY SMOKE, HEAT, MOISTURE, VAPORS OR DUST AROUND ANY FIRE ALARM EQUIPMENT.
- WHERE DUCTWORK OR PIPING THROUGH A FLOOR OR A WALL IS REMOVED, PATCH ALL REMAINING HOLES TO MATCH EXISTING.
- FOR ALL WORK REQUIRED ABOVE EXISTING CEILINGS TO REMAIN, EITHER WITHIN OR OUTSIDE THE PROJECT AREA, CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND REINSTALLATION OF ALL CEILING TILE AS REQUIRED TO ACCOMPLISH THE WORK. REFER TO ARCHITECTURAL, REFLECTED CEILING PLANS FOR TYPES AND EXTENT OF BOTH EXISTING AND NEW CEILING THROUGHOUT PROJECT.
- WHERE EXISTING DUCTWORK IS ONLY PARTIALLY REMOVED, ALL OPENINGS ON EXISTING DUCTWORK TO REMAIN SHALL BE CAPPED/COVERED UNTIL NEW DUCTWORK IS CONNECTED.
- UNLESS SPECIFICALLY NOTED OTHERWISE, WHERE EQUIPMENT IS INDICATED TO BE REMOVED, DEMOLITION WORK SHALL INCLUDE REMOVAL OF ASSOCIATED CONCRETE EQUIPMENT PAD AND/OR SUPPORT STEEL AND HANGERS.
- WHERE CONTROL DEVICES ARE REMOVED FROM SERVICE, ASSOCIATED PNEUMATIC CONTROL TUBING OR CONTROL WIRING SHALL ALSO BE REMOVED. CONTRACTOR SHALL REMOVE BACK TO NEAREST ACTIVE MAN OR REGULATOR AND CAP. IN GENERAL, ALL ABANDONED TEMPERATURE CONTROL PANELS ARE TO BE REMOVED.
- ALL ASBESTOS TO BE ABATED UNDER A SEPARATE CONTRACT. CONTRACTOR TO COORDINATE WITH OWNER'S REPRESENTATIVE AS REQUIRED.
- ALL WORK WILL BE COMPLETED IN MULTIPLE SEQUENCES. THE BUILDING WILL REMAIN OCCUPIED AND IN USE FOR THE DURATION OF CONSTRUCTION. REFER TO SEQUENCING PLANS, SPECIFICATIONS AND SEQUENCING NOTES FOR ADDITIONAL INFORMATION.

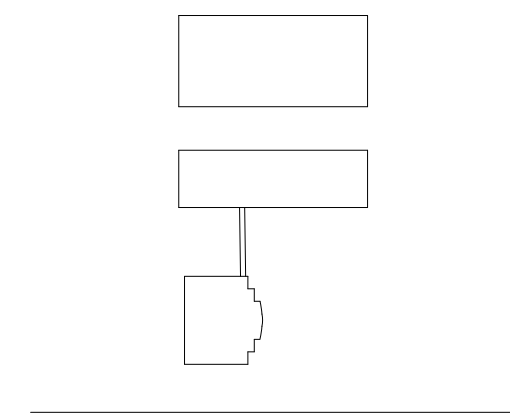
GENERAL HVAC NOTES:

- SHUT DOWN OF EXISTING HVAC SYSTEMS TO BE REQUESTED AND COORDINATED THROUGH OWNER'S REPRESENTATIVE IN ACCORDANCE WITH DIVISION 06 AND 01 SPECIFICATIONS.
- DRAWINGS ARE IN PART DIAGNOSTIC, INTENDED TO CONVEY THE SCOPE OF WORK, AND TO INDICATE THE GENERAL LOCATIONS OF EQUIPMENT, PIPING AND DUCTWORK. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND LAYOUT THEIR OWN WORK ACCORDING TO THE FOLLOWING GUIDELINES:
 - CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXACT LOCATION FOR EQUIPMENT AND ROUGH IN'S AND THE EXACT ROUTING OF PIPING AND DUCTS PRIOR TO CONSTRUCTION SO AS TO BEST FIT THE LAYOUT OF THE WORK. SPACE ABOVE CEILING IS EXTREMELY LIMITED.
 - COORDINATE FINAL LAYOUT WITH ALL TRADES.
- WHERE OFFSETS IN PIPING OR DUCTWORK ARE REQUIRED TO COORDINATE THE WORK OF OTHER TRADES, WITH STRUCTURE, PIPING, CONDUIT, DUCTWORK, ETC., OR TO MAINTAIN REQUIRED CEILING HEIGHTS, THEY SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER. ALL EXISTING PIPING AND DUCTWORK ROUTING SHOWN IS INTENDED TO INDICATE APPROXIMATE SIZE, NUMBER AND LOCATION OF PIPING BRANCHES FOR BIDDING PURPOSES ONLY. CONTRACTOR TO VERIFY EXACT SIZE, SERVICE, LOCATION AND CONFIGURATION PRIOR TO CONSTRUCTION.
- UNLESS OTHERWISE NOTED, ALL DUCTWORK AND PIPING TO BE ROUTED CONCEALED IN WALLS, CHASES OR ABOVE SUSPENDED CEILING. WATER PIPING SHALL NOT BE ROUTED IN EXTERIOR WALLS. COORDINATE LAYOUT WITH EXISTING CONDITIONS AND ALL OTHER TRADES. ROUTE ALL PIPING AND DUCTWORK AS HIGH AS POSSIBLE AND ALONG WALLS TO MAXIMIZE SPACE AVAILABLE FOR OTHER TRADES.
- COORDINATE ROUTING OF PIPING AND DUCTWORK TO MAINTAIN ACCESS TO FILTERS, MOTORS, ELECTRICAL EQUIPMENT AND CONTROLS. IN NO CASE, SHALL PIPING OR DUCTWORK PASS DIRECTLY OVER ELECTRICAL PANELS OR DISCONNECTS OR RESTRICT ACCESS TO ANY ELECTRICAL EQUIPMENT INCLUDING JUNCTION BOXES.
 - COORDINATE EXACT DUCTWORK CONNECTION SIZES WITH EQUIPMENT AND TRANSITION AS REQUIRED.
 - VERIFY EXACT SIZE AND LOCATION OF ALL EXISTING SYSTEMS AND COMPONENTS REQUIRING CONNECTION TO NEW PIPING PRIOR TO COMMENCING WORK.
- BECAUSE OF THE SCALE OF THE DRAWINGS, CERTAIN PIPING OR ITEMS SUCH AS UNIONS, FITTINGS, OR VALVES MAY NOT BE SHOWN, BUT WHERE SUCH ITEMS ARE REQUIRED BY CODE, THE SPECIFICATIONS, OR WHERE THEY ARE REQUIRED BY THE NATURE OF THE WORK, THEY SHALL BE FURNISHED AND INSTALLED.
- ALL ELEMENTS OF THE CONSTRUCTION SHALL BE PERFORMED BY TRADES PEOPLE SKILLED IN THE PARTICULAR CRAFT INVOLVED, AND REGULARLY EMPLOYED IN THAT PARTICULAR CRAFT. ALL WORK SHALL BE PERFORMED IN A NEAT, PROFESSIONAL MANNER, KEEPING WITH THE HIGHEST STANDARDS OF THE CRAFT.
- COORDINATE INSTALLATION OF EQUIPMENT AND COMPONENTS PENETRATING THE EXTERIOR BUILDING ENVELOPE WITH GENERAL CONTRACTOR. ALL ITEMS PENETRATING THE ROOF ARE TO BE INSTALLED AS PER ROOFING MANUFACTURER REQUIREMENTS.
- CUT AND PATCH WALLS AND FLOORS AS REQUIRED FOR INSTALLATION OF NEW SYSTEMS.
 - ALL OPENINGS IN CONCRETE OR MASONRY CONSTRUCTION SHALL BE CORE DRILLED OR SAN CUT. COORDINATE WITH STRUCTURE AND GENERAL CONTRACTOR AS REQUIRED TO MAINTAIN STRUCTURAL INTEGRITY AND MINIMIZE SIZE OF OPENINGS.
 - SEAL AROUND ALL DUCTWORK AND PIPING PENETRATIONS WITH NON-SHRINK GROUT OR SIMILAR MATERIAL. WHERE PENETRATIONS ARE IN FIRE RATED CONSTRUCTION, PROVIDE FIRE STOP TO MATCH THE FIRE RATING. REFER TO ARCHITECTURAL PLANS FOR REQUIRED FIRE RATINGS. SEE DETAILS AND SPECIFICATIONS FOR FIRE STOPPING REQUIREMENTS.
 - MECHANICAL CONTRACTOR SHALL PROVIDE UNTELS FOR DUCT PENETRATIONS OF EXISTING WALLS AS REQUIRED TO SUPPORT STRUCTURE. COORDINATE WITH GENERAL CONTRACTOR.
 - WHERE PATCHING OPENINGS IN AREAS WHICH ARE NOT TO RECEIVE NEW FINISHES, PATCHING SHALL MATCH ADJACENT FINISH.
- REFER TO ARCHITECTURAL PLANS FOR INFORMATION ON WHICH PORTIONS OF THE EXISTING STRUCTURE ARE TO BE REMOVED AND WHICH ARE TO REMAIN AS WELL AS WHICH AREAS ARE TO RECEIVE NEW FINISHES.
- COORDINATE LOCATIONS AND SIZES OF OPENINGS IN STRUCTURE WITH GENERAL CONTRACTOR. WHEN ADDITIONAL CUTTING AND PATCHING IS REQUIRED DUE TO MECHANICAL CONTRACTOR'S FAILURE TO COORDINATE THIS WORK, IT SHALL BE THE MECHANICAL CONTRACTOR'S RESPONSIBILITY TO PROVIDE THE ADDITIONAL CUTTING AND PATCHING. SEAL AND/OR FIRE STOP ALL PENETRATIONS AS REQUIRED.
- REFER TO ARCHITECTURAL PLANS FOR CEILING ELEVATIONS INDICATING STANDARD MOUNTING HEIGHTS, LOCATIONS AND ALIGNMENT REQUIREMENTS FOR ALL WALL MOUNTED DEVICES AND REFLECTED CEILING PLANS FOR ALL CEILING MOUNTED DEVICES.
- THE SPACE ABOVE CEILING IN ALL AREAS IS EXTREMELY LIMITED AND COORDINATION OF WORK IS MANDATORY.
- FOR ALL WORK REQUIRED ABOVE EXISTING CEILINGS TO REMAIN, EITHER WITHIN OR OUTSIDE THE PROJECT AREA, CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND REINSTALLATION OF ALL CEILING TILE AS REQUIRED TO ACCOMPLISH THE WORK. REFER TO ARCHITECTURAL, REFLECTED CEILING PLANS FOR TYPES AND EXTENT OF BOTH EXISTING AND NEW CEILING THROUGHOUT PROJECT.
- MECHANICAL CONTRACTOR SHALL PROVIDE ALL REQUIRED SUPPORT STEEL FOR PIPING, DUCTWORK AND EQUIPMENT.
- INDICATING PIPE SIZES ARE INDICATED ON THE PLANS ONLY WHERE PIPE SIZE CHANGES OCCUR. ALL PIPE SECTIONS BETWEEN SIZE NOTATIONS SHALL MATCH THE ADJACENT NOTATED SIZES LARGER SIZE IF THEY DON'T MATCH. ALL HYDRONIC PIPING IS TO BE MINIMUM 3/4" DIAMETER UNLESS NOTED OTHERWISE.
- ALL BRANCH TAKE OFF PIPE CONNECTIONS SHALL COME OFF THE TOP OF THE MAINS.
- PROVIDE ISOLATION VALVES FOR ALL EQUIPMENT AND ALL BRANCH LINES SERVING TWO OR MORE TERMINAL UNITS.
- DUCT DIMENSIONS SHOWN ON DRAWINGS ARE NET INSIDE DIMENSIONS. INCREASE SHEET METAL SIZE FOR LINED DUCTWORK TO ALLOW FOR INTERNAL INSULATION IF APPLICABLE.
- COORDINATE INSTALLATION OF DUCTWORK RUNNING THROUGH OR BETWEEN TRUSSES AND JOISTS WITH GENERAL CONTRACTOR PRIOR TO FABRICATION OR INSTALLATION OF STRUCTURAL STEEL. ITEMS TO COORDINATE INCLUDE, BUT ARE NOT LIMITED TO, OPENINGS IN AND BRACING BETWEEN TRUSSES AND JOISTS.
- PROVIDE VOLUME DAMPERS IN ALL DUCTWORK SERVING INDIVIDUAL GRILLES, REGISTERS, OR DIFFUSERS FOR BALANCING. DAMPERS TO BE INSTALLED AS CLOSE TO TAKE OFF AS POSSIBLE.
- PROVIDE REGULATOR FOR ALL UNACCESSIBLE VOLUME DAMPERS. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- PROVIDE A MINIMUM OF ONE ELBOW AND TEN FEET OF LINED DUCTWORK BETWEEN DIFFUSER/GRILLE/REGISTER AND DUCT MAIN.
- IF DUCT SIZE REVISIONS ARE NECESSARY FOR COORDINATION PURPOSES ETC. NEW DUCT SIZE SHALL BE EQUIVALENT TO THE DUCT SIZE INDICATED ON PLANS.
- UNLESS NOTED OTHERWISE, ALL EXPOSED ROUND DUCTWORK SHALL BE DOUBLE WALL SPIRAL WITH 1" INSULATION BETWEEN OUTER WALL AND INTERNAL PERFORATED WALL AND OUTER WALL SHALL HAVE "PAINT GRIP" FINISH FOR FIELD PAINTING.
- PROVIDE NEW CONCRETE HOUSEKEEPING PADS FOR ALL FLOOR MOUNTED EQUIPMENT.
- PROVIDE CONCRETE PADS WITH FROST FOOTINGS FOR EXTERIOR EQUIPMENT MOUNTED ON GRADE.
- ALL CONTROL WIRING IN FINISHED SPACES IS TO BE ROUTED CONCEALED IN WALLS OR ABOVE CEILING UNLESS SPECIFICALLY NOTED OTHERWISE. CONCEALED CONTROL WIRING WHERE ACCESSIBLE MAY BE INSTALLED WITHOUT CONDUIT. ALL CONCEALED CONTROL WIRING WHICH IS NOT ACCESSIBLE SHALL BE ROUTED IN CONDUIT. CONTROL WIRING IN UNFINISHED SPACES MAY BE ROUTED EXPOSED BUT SHALL BE IN CONDUIT.
- ALL CONTROL DEVICES TO BE MOUNTED AT 48" ± TO CENTERLINE.
- ALL CONTROL DEVICES LOCATED IN VESTIBULES, RESTROOMS, CORRIDORS, AND OTHER GENERAL PUBLIC AREAS, TO BE PROVIDED WITH LOCKING CLEAR PLASTIC GUARD.
- ALL ASBESTOS SHALL BE ABATED UNDER SEPARATE CONTRACT. COORDINATE REQUIREMENTS WITH OWNER'S REPRESENTATIVE.
- ALL VARIABLE AIR VOLUME TERMINAL UNITS SHALL BE CLEARLY LABELED IN THE FIELD WITH THE PLAN MARK DESIGNATION.
- ALL WORK WILL BE COMPLETED IN MULTIPLE SEQUENCES. THE BUILDING WILL REMAIN OCCUPIED AND IN USE FOR THE DURATION OF CONSTRUCTION. REFER TO SEQUENCING PLANS, SPECIFICATIONS AND SEQUENCING NOTES FOR ADDITIONAL INFORMATION.

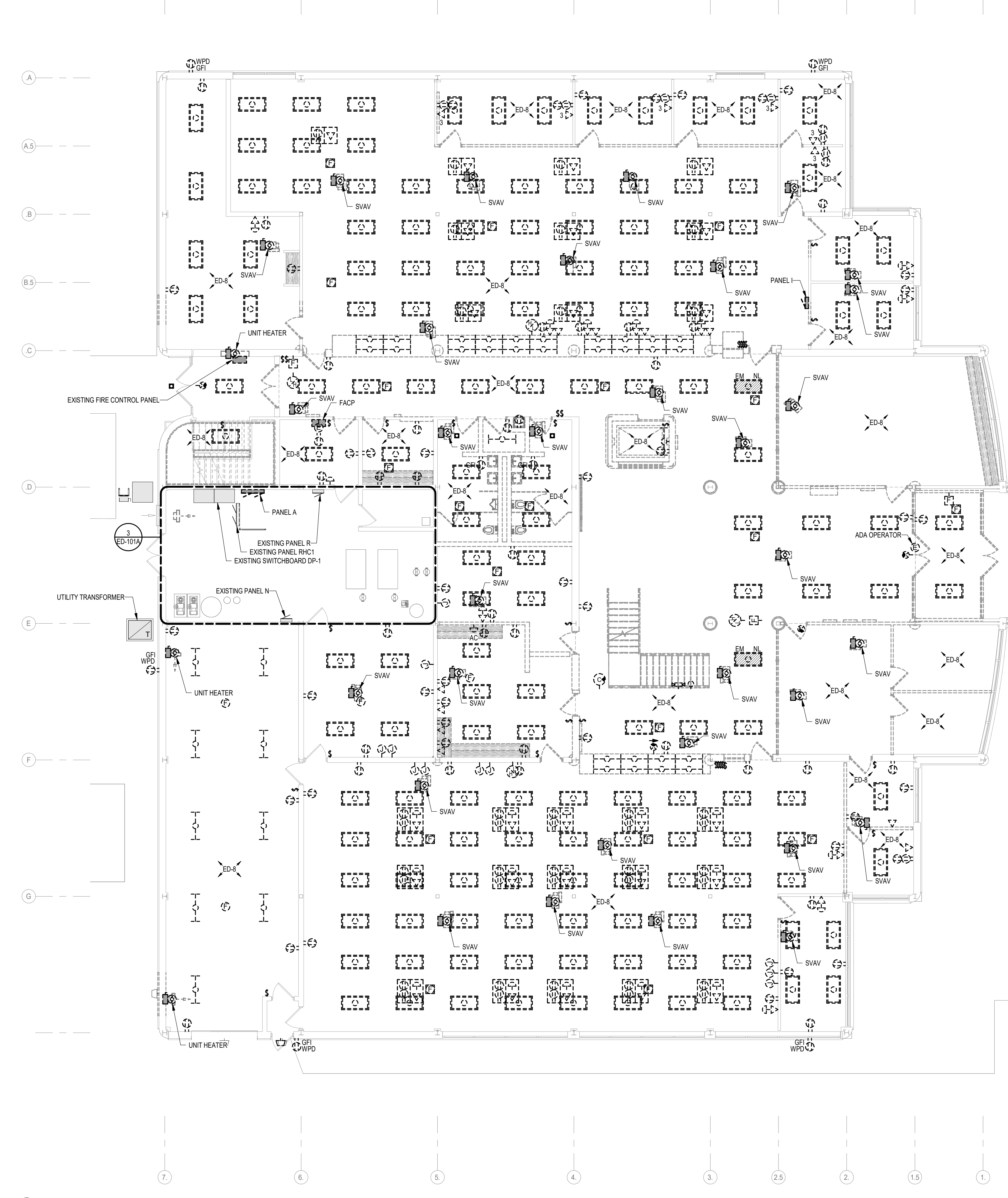
GENERAL STRUCTURE NOTES:

- THE LOCATION AND SIZE OF ANY HOLES THROUGH STRUCTURE WILL REQUIRE REVIEW AND APPROVAL OF STRUCTURAL ENGINEER.
- IT IS ASSUMED THAT ALL PIPING THAT DOES NOT EXPAND AND CONTRACT WILL BE SUPPORTED AT EACH FLOOR RATHER THAN AS A POINT LOAD AT ONE LOCATION.
- COORDINATE THE EXACT LOCATION OF FLOOR OPENINGS TO MISS STEEL BEAMS AND OPEN WEB FLOOR JOISTS.
- IT IS ASSUMED THAT ALL HORIZONTAL PIPING WILL BE SUPPORTED ON INTERVALS OF 10' ON CENTER OR LESS. DO NOT SUSPEND EQUIPMENT FROM METAL ROOF BEAMS.
- CONTRACTOR TO COORDINATE EXACT SIZE AND LOCATIONS OF ALL HOUSEKEEPING PADS PRIOR TO POURING OF CONCRETE.
- CONTRACTOR TO BLOCK OUT DUCTWORK OPENINGS AND SLEEVE PIPING AND CONDUIT OPENINGS IN FLOORS AND IN FIRE RATED CONCRETE AT BOTTOM AND TOP OF EACH SHAFT. REFER TO STRUCTURAL PLANS FOR TYPICAL DETAILS FOR OPENINGS IN CORES.
- OPENINGS IN LOAD BEARING CMU WALLS AND PRECAST WALL PANELS, NOT SPECIFICALLY DETAILED ON DRAWINGS, SHALL BE COORDINATED BY CONTRACTOR. REFER TO STRUCTURAL PLANS FOR SPECIFIC LOCATIONS OF LOAD BEARING CMU WALLS AND PRECAST WALL PANELS.
- CONTRACTOR TO COORDINATE THE SPECIFIC SIZE AND LOCATION FOR ALL OPENINGS REQUIRED IN HOLLOW CORE SLABS IN ALL APPLICABLE AREAS OF THE BUILDING. CUTTING OF HOLLOWCORE TENDONS IS PROHIBITED AND THE CONTRACTOR SHALL TAKE SPECIAL CARE WHEN LOCATING CORE DRILLED HOLES. ALL CORE DRILLED HOLES SHALL BE LOCATED IN THE VOID SPACES OF THE PRECAST PLANKS.

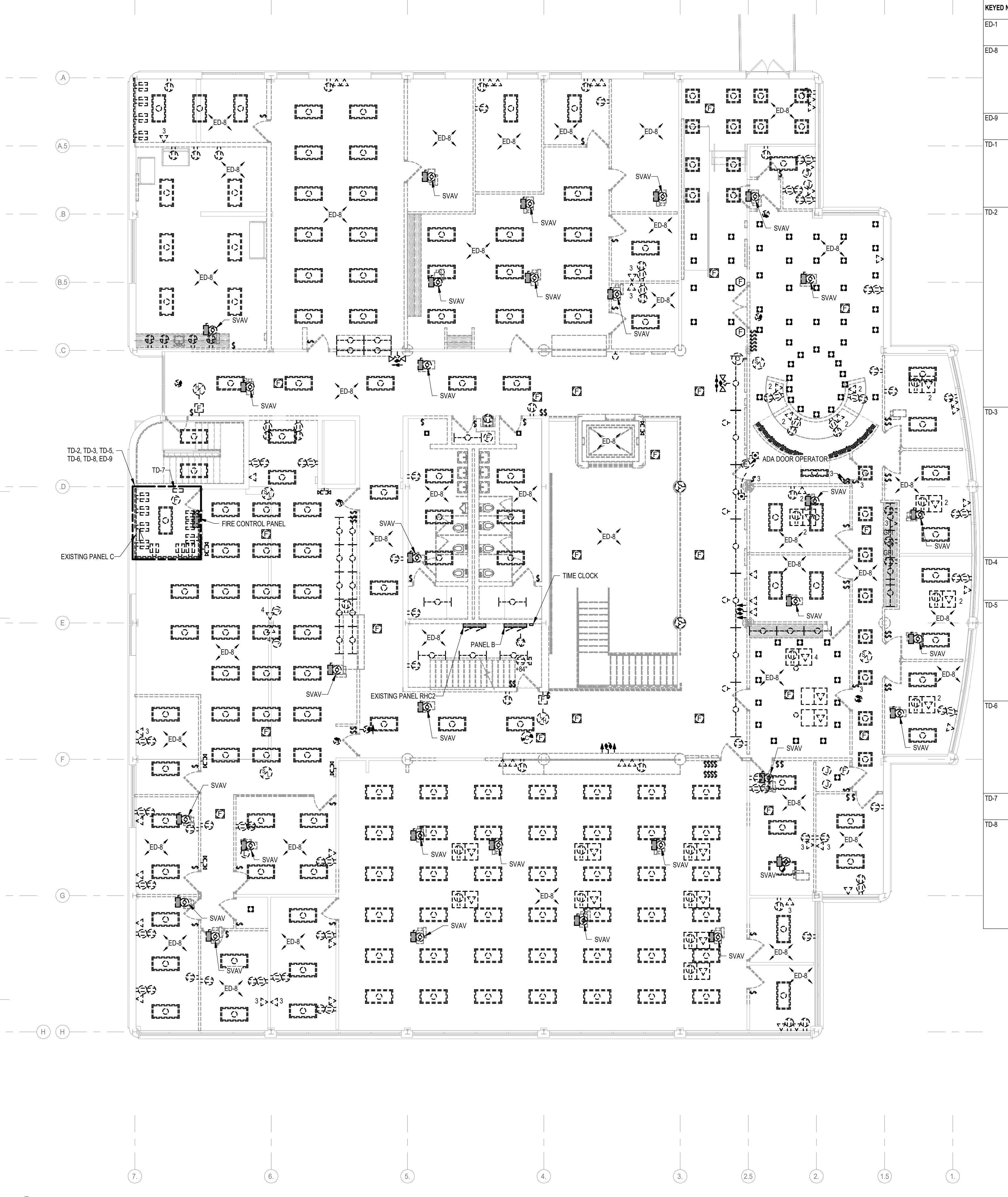
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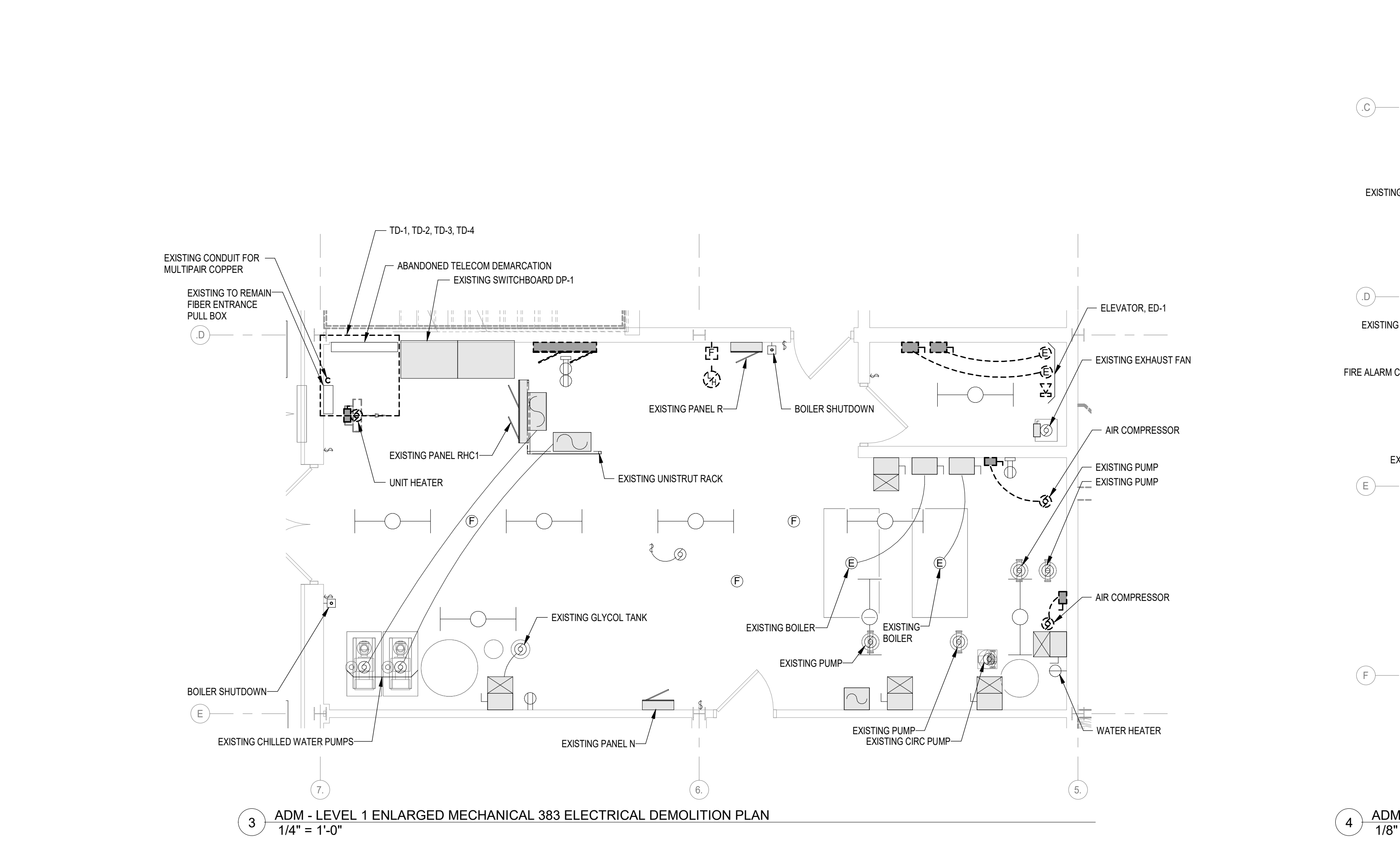
Revision Description Date



1 ADM - LEVEL 1 ELECTRICAL DEMOLITION PLAN
1/8" = 1'-0"



2 ADM - LEVEL 2 ELECTRICAL DEMOLITION PLAN
1/8" = 1'-0"



3 ADM - LEVEL 1 ENLARGED MECHANICAL 383 ELECTRICAL DEMOLITION PLAN
1/4" = 1'-0"



4 ADM - MECHANICAL MEZZANINE ELECTRICAL DEMOLITION PLAN
1/8" = 1'-0"

KEYED NOTES

- ED-1 DEMO HYDRAULIC ELEVATOR CAB POWER AND ELEVATOR TELEPHONE LINES
- ED-8 DEMO ALL FIRE ALARM TELECOMMUNICATIONS WIRE DEVICES, LIGHT FIXTURES, ELECTRICAL CONNECTIONS, AND BRANCH CIRCUITS BACK TO PANELBOARD. NOT ALL DEVICES ARE NOTED. VERIFY EXACT EXTENT OF DEMOLITION.
- ED-9 DEMO ALL ELECTRICAL WIRING EXISTING BRANCH PANEL AND FEED TO REMAIN.
- TD-1 REMOVE AND DISCARD ALL WALL-MOUNTED EQUIPMENT AND TERMINATION BLOCS FROM THE ABANDONED TELECOM DEMARCATION. THE STRIP/CELLULAR DIALER SHALL BE REMOVED AND RETURNED TO THE JOHNSON COUNTY IT DEPARTMENT.
- TD-2 TRACE EACH OF THE FOUR SINGLE-MODE FIBERS FROM THE BUILDING ENTRANCE TO THE LEVEL TWO TELECOM ROOM. EACH FIBER IS IDENTIFIED AND LABELED IN THE LAST HAND-HOLE OR VALT ON THE PREMISES. EACH FIBER SHALL BE TAGGED WHEN COOLED WITH THE SAME BUILDING IDENTIFICATION IN THE FIBER HOUSING.
- TD-3 AFTER IDENTIFYING THE FOUR KEYNOTE TDs AND AFTER ALL THE OTHER WALL-MOUNTED TELECOM EQUIPMENT AND TERMINATION BLOCS FROM KEYNOTE TDs HAVE BEEN REMOVED, DO NOT DISCONNECT OR REMOVE THE AMBULANCE FIBER. UTILIZE THE OPEN WALL SPACE TO RELOCATE THE AMBULANCE FIBER SLACK COIL FROM THE FLOOR. PROVIDE PROTECTION FOR THE AMBULANCE FIBER SLACK COIL AND ANY PORTION OF THE FIBER RUNNING TO THE LEVEL TWO TELECOM ROOM FOR THE DURATION OF THE CONSTRUCTION PROJECT.
- TD-4 COORDINATE WITH THE TELEPHONE SERVICE PROVIDER BEFORE CUTTING AND REMOVING THE MULTIPAIR COPPER CABLE FEEDING THE BUILDING.
- TD-5 NOTIFY THE JOHNSON COUNTY IT DEPARTMENT AS REQUIRED BEFORE REMOVING ANY SUPPORTING UTILITIES FOR THE LEVEL TWO TELECOM ROOM. THE JOHNSON COUNTY IT DEPARTMENT SHALL BE GIVEN ADEQUATE TIME TO REMOVE ALL EQUIPMENT FOR SALVAGE AND COORDINATE ANY SERVICE OUTAGES TO OTHER COUNTY BUILDINGS AND/OR DEPARTMENTS.
- TD-6 REMOVE THE EXISTING DATA RACKS. SHALL BE BY THE DIVISION 27 TECHNOLOGY CONTRACTOR ONLY AND AT A TIME COORDINATED WITH THE JOHNSON COUNTY IT DEPARTMENT AND AFTER ALL ACTIVE NETWORK EQUIPMENT AND SERVICES TO OTHER COUNTY BUILDINGS OR DEPARTMENTS HAVE BEEN DISCONNECTED AND TAKEN OUT OF SERVICE.
- TD-7 REMOVE THE VALCOM V-2003A CONTROLLER. SALVAGE FOR REINSTALLATION.
- TD-8 THE CONTRACTOR SHALL COORDINATE WITH THE JOHNSON COUNTY IT DEPARTMENT THE REMOVAL OF 24-STRAND SINGLE-MODE FIBERS AND 12-24-STRAND SIMULTANEOUS FIBER FROM THE LEVEL TWO TELECOM ROOM CORRIDOR TO THE HHS BUILDING LEVEL 2 SERVER ROOM. THE FIBER ROUTES ACROSS THE SKYWALK BETWEEN THE TWO BUILDINGS. SALVAGE THE PATHWAY FOR THE INSTALLATION OF NEW FIBER.

DEMOLITION KEY

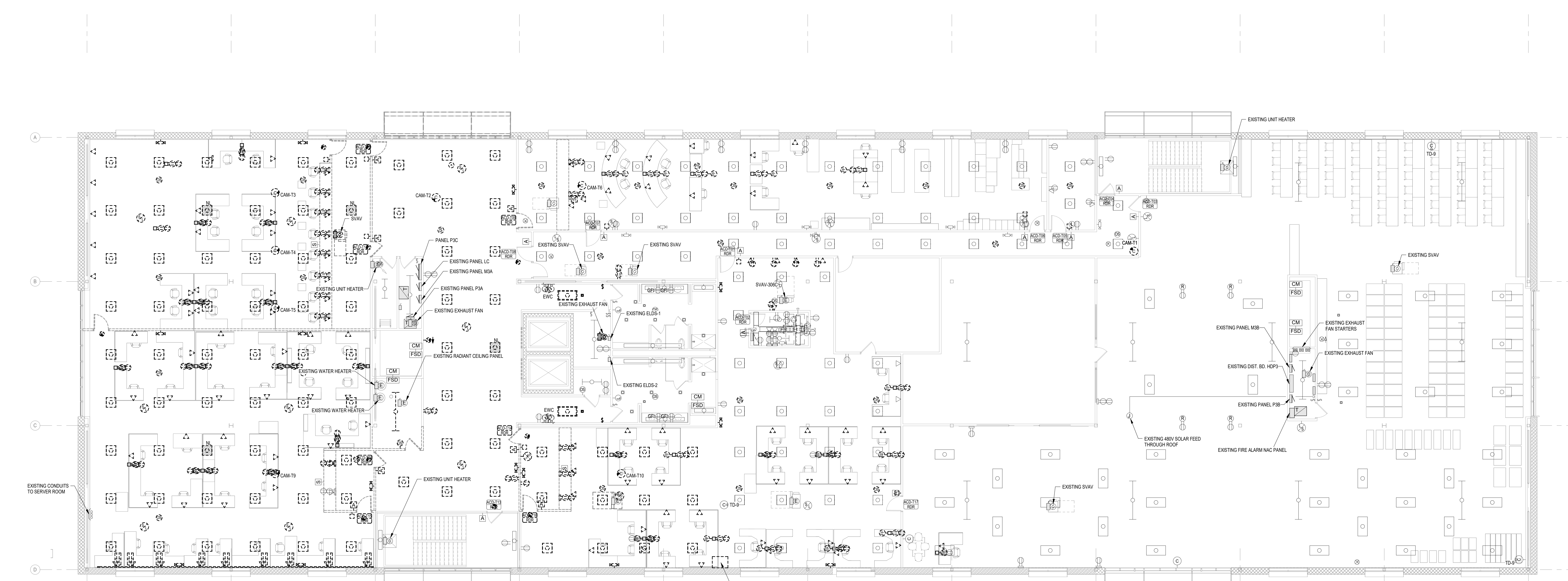
- TO REMAIN
- TO BE REMOVED / REVISED
- EQUIPMENT TO REMAIN
- EQUIPMENT TO BE REMOVED / REVISED

KEYED NOTES

- ED3 EXISTING 480V SOLAR DISCONNECT TO REMAIN. PROTECT 480V FEED FROM ROOF THROUGHOUT CONSTRUCTION.
- ED7 EXISTING LOW VOLTAGE EMERGENCY BATTERY SYSTEM (EMERGENCY BATTERY CHARGER AND ALL LOW VOLTAGE LIGHTING SERVED FROM UNIT).
- TD9 SKIAGE CAMERA AND TURN OVER TO OWNER FOR RE-INSTALLATION.
- TD10 COORDINATE WITH THE JOHNSON COUNTY IT DEPARTMENT PRIOR TO THE DISCONNECTION AND REMOVAL OF EXISTING TEMPORARY NETWORK EQUIPMENT AND SERVICES.
- TD11 THE EXISTING MULTIMODE FIBER IS TO REMAIN FOR THE DURATION OF THE PROJECT. SUPPORTING THE NETWORK EQUIPMENT SERVING THE TEMPORARY SWING SPACE. REQUISITE THE MULTIMODE FIBER TO TEMPORARY SERVICE RACK IN THE TELECOM ROOM DATA 313C.



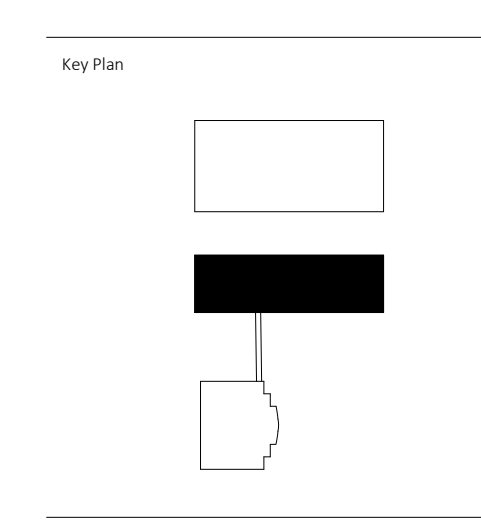
1 HHS - LEVEL 3 ELECTRICAL DEMOLITION PLAN - TEMPORARY
1/8" = 1'-0"



2 HHS - LEVEL 3 ELECTRICAL DEMOLITION PLAN - PHASE 2
1/8" = 1'-0"

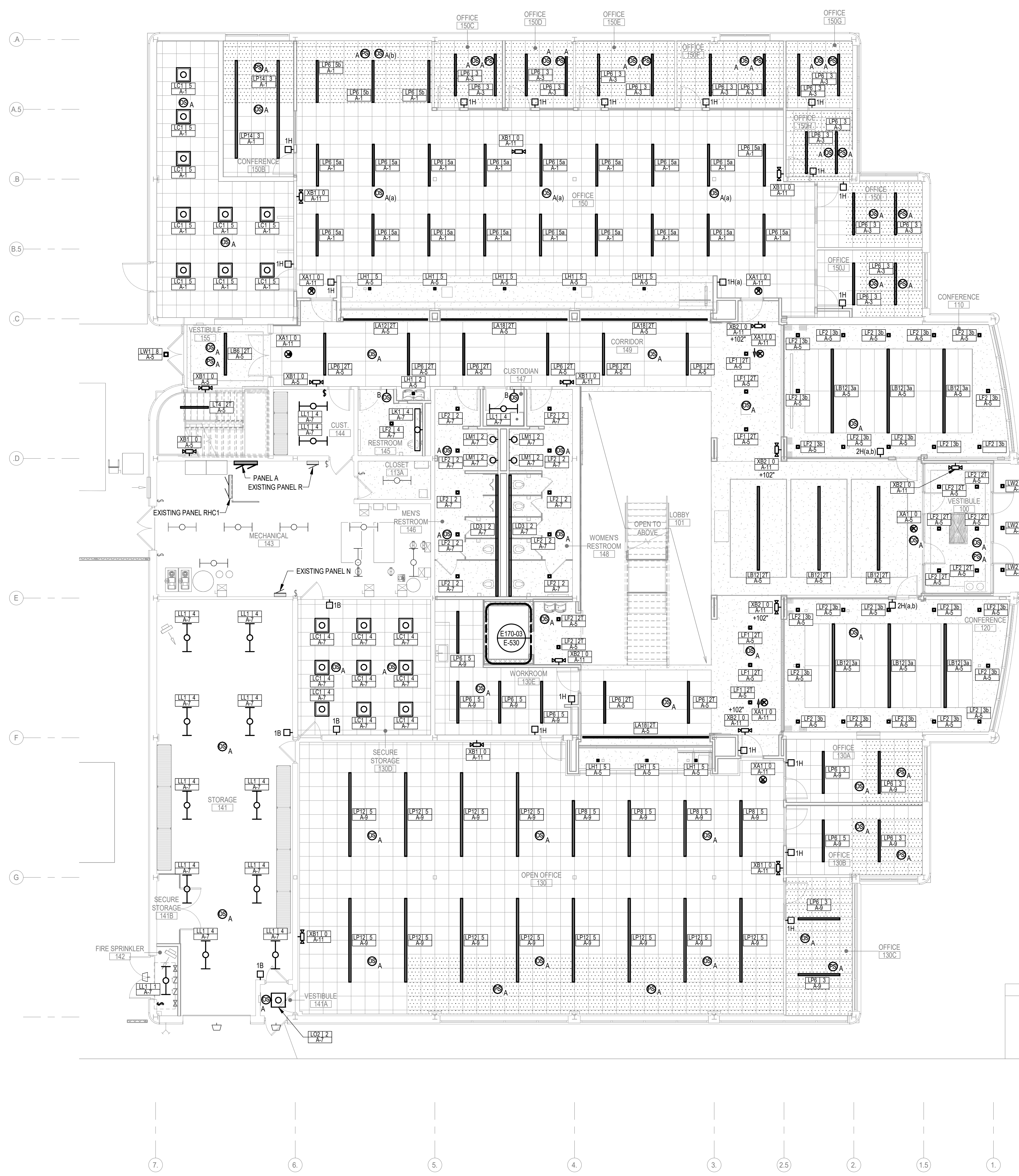
ALL SOUNDMASKING COMPONENTS SHALL REMAIN AND BE PROTECTED THROUGHOUT THE PHASES.

DEMOLITION KEY	
(Symbol: Solid line)	TO REMAIN
(Symbol: Dashed line)	TO BE REMOVED/REVISED
(Symbol: Shaded area)	EQUIPMENT TO REMAIN
(Symbol: Stippled area)	EQUIPMENT TO BE REMOVED/REVISED

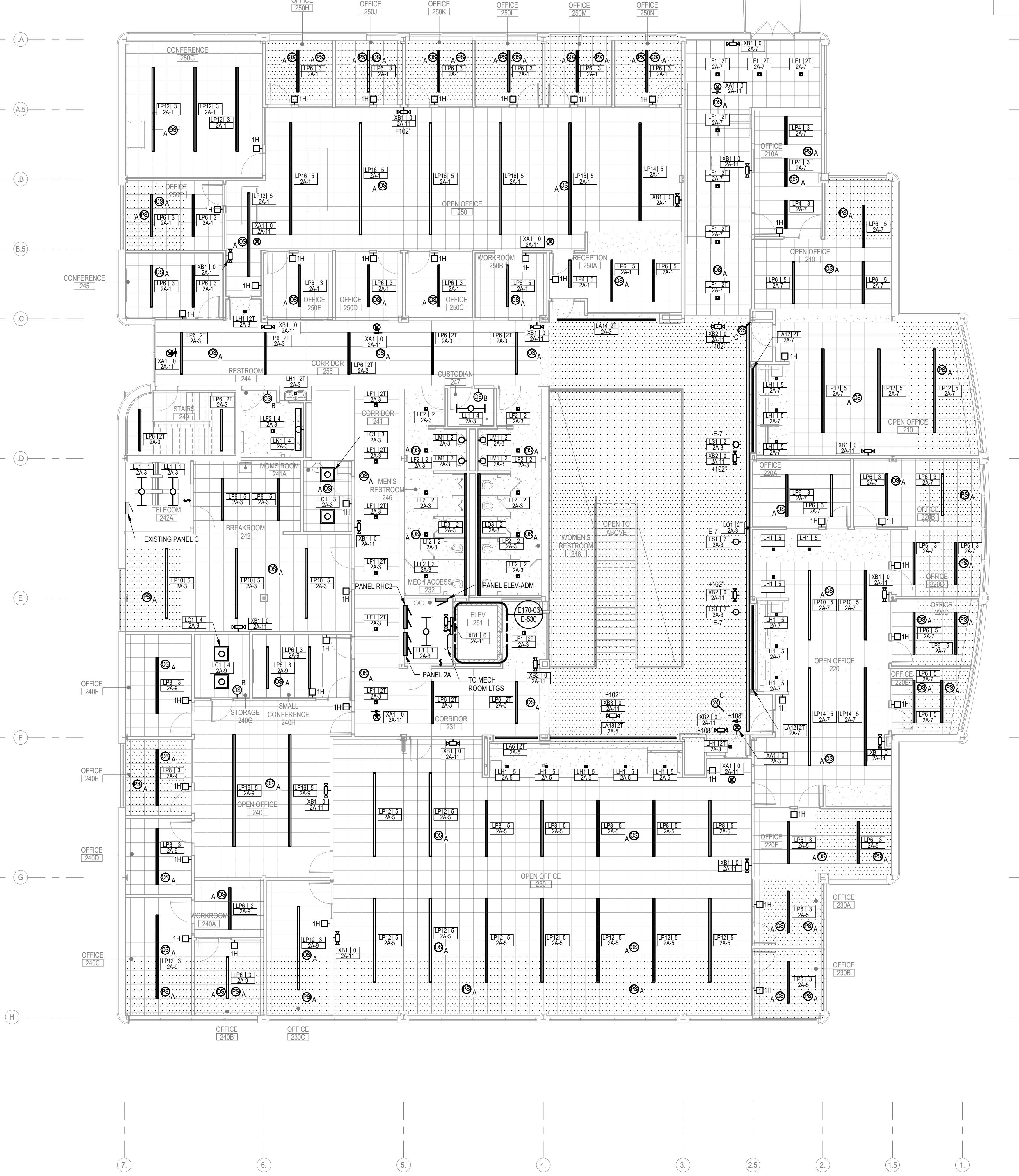


Revision	Description	Date

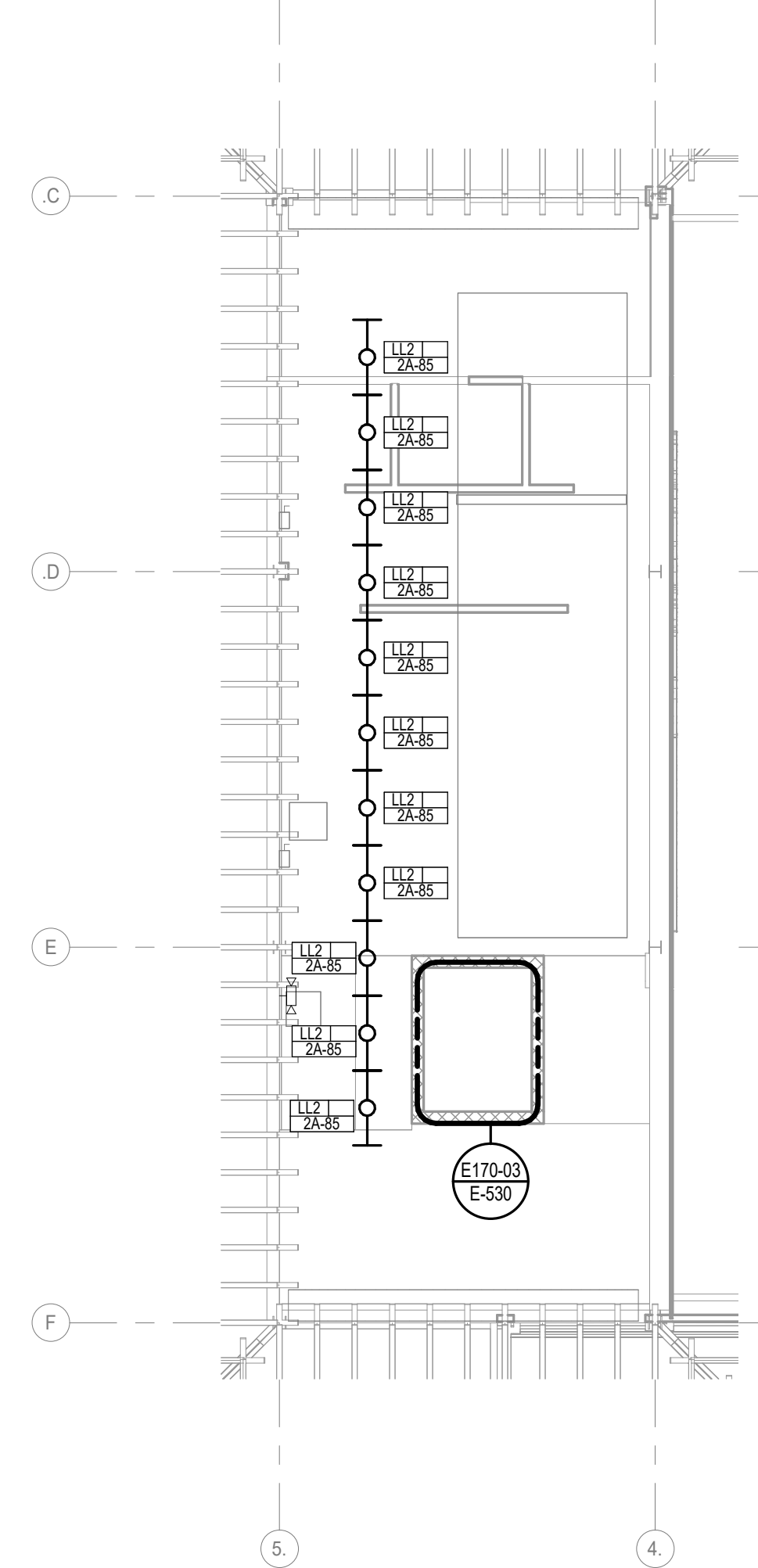
KEYED NOTES
E7 LOCATE FLOOD LIGHT ON SILL BELOW WINDOW. AIM LIGHT TO ILLUMINATE WALL. SCULPTURE ON OPPOSITE WALL.



1 ADM - LEVEL 1 ELECTRICAL LIGHTING PLAN
1/8" = 1'-0"



2 ADM - LEVEL 2 ELECTRICAL LIGHTING PLAN
1/8" = 1'-0"

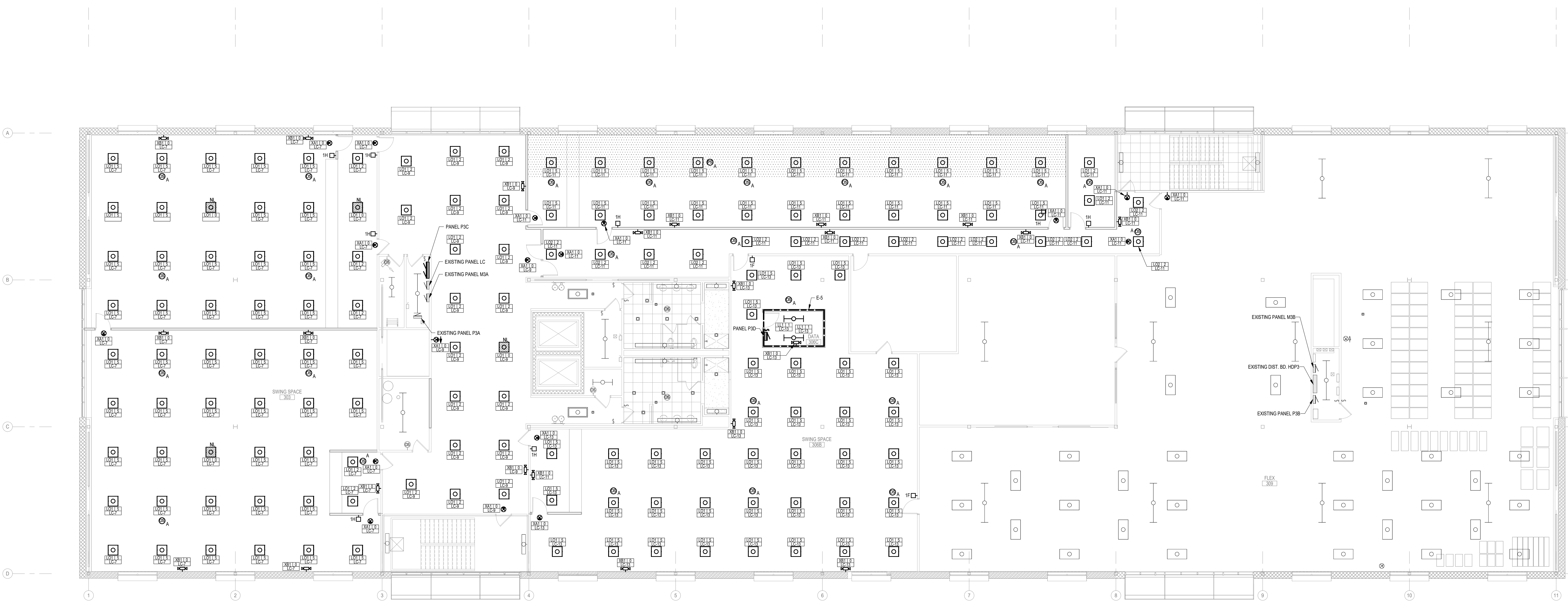


3 ADM - MECHANICAL MEZZANINE LIGHTING PLAN
1/8" = 1'-0"

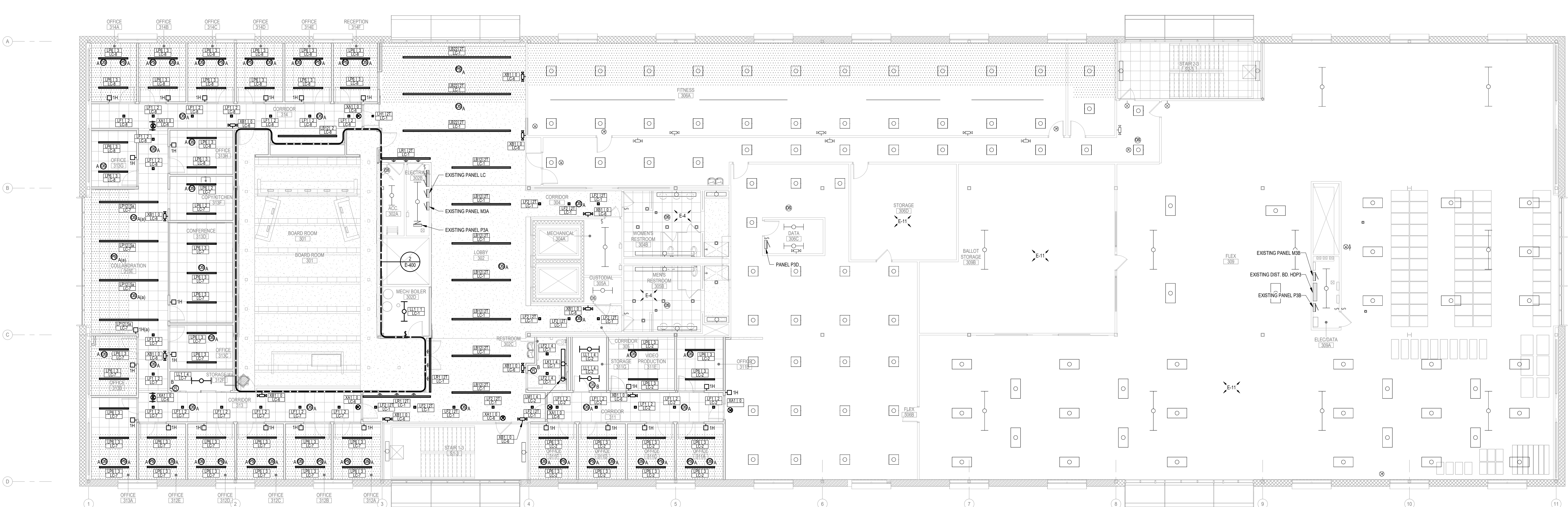
LIGHTING/SWITCHING KEY	
LIGHTING	
(Symbol)	LIGHTING CONTROLS OPERATION SOURCE (I.E., REFER DETAILS)
(Symbol)	FUTURE TYPE PER SCHEDULE
(Symbol)	SWITCHING ZONE (A-B-C)
(Symbol)	CIRCUIT DATA PANEL NAME (CIRCUIT NUMBER (XXXX-AAA) OR CIRCUIT NOTE (S-N))
(Symbol)	EM - EMERGENCY FEATURE
(Symbol)	NL - NIGHT LIGHT
COORDINATE CEILING MOUNTED DEVICES WITH ARCHITECTURAL REFLECTED CEILING PLAN	
SWITCHING	
(Symbol)	LIGHTING CONTROL STATION
A1 - INDICATES SWITCH CONTROLS. REFER TO LIGHTING CONTROL STATION CONFIGURATION DETAIL. A2 - INDICATES SWITCHING ZONES. 4'-0" DIMENSION INDICATES HEIGHT TO CENTER OF SWITCH ABOVE FINISH FLOOR-4'-0" TO CENTER IF NOT SHOWN.	

NEW WORK KEY	
(Symbol)	EXISTING
(Symbol)	NEW / REVISED
(Symbol)	EXISTING EQUIPMENT
(Symbol)	NEW / REVISED EQUIPMENT

Revision	Description	Date



1 HHS - LEVEL 3 ELECTRICAL LIGHTING PLAN - TEMPORARY
1/8" = 1'-0"



2 HHS - LEVEL 3 ELECTRICAL LIGHTING PLAN - PHASE 2
1/8" = 1'-0"

LIGHTING/SWITCHING KEY	
LIGHTING	
○	LIGHTING CONTROLS OPERATION SOURCE (I.E., I-PER DETAILS)
○	SWITCHING ZONE (A-B-C)
○	CIRCUIT DATA: PANEL NAME, CIRCUIT NUMBER (XXXX-AM) OR CIRCUIT NOTE (E-6)
○	EM EMERGENCY FIXTURE
○	NL NIGHT LIGHT
COORDINATE CEILING MOUNTED SERVICES WITH ARCHITECTURAL REFLECTED CEILING PLAN	
SWITCHING	
○	LIGHTING CONTROL STATION
○	EM - INDICATES SWITCH CONTROLS. REFER TO LIGHTING CONTROL STATION CONFIGURATION DETAIL
○	INDICATES SWITCHING ZONES
○	48" DIMENSION INDICATES HEIGHT TO CENTER OF SWITCH ABOVE FINISH FLOOR-UP TO CENTER IF NOT SHOWN

NEW WORK KEY	
○	EXISTING
○	NEW / REVISED
○	EXISTING EQUIPMENT
○	NEW / REVISED EQUIPMENT

Revision	Description	Date

KEYED NOTES

- E1 MOTORIZED SHADE CONTROL SWITCH FURNISHED WITH MOTORIZED SHADES
- E2 MOTORIZED SCREEN CONTROL SWITCH FURNISHED WITH MOTORIZED SHADES
- E3 OVERHEAD COILING DOOR CONTROL SWITCH FURNISHED WITH COILS
- E13 POWER CONNECTION FOR UV SYSTEM IN MECHANICAL UNIT PROVIDE DUPLEX RECEPTACLE FOR MONITORING SYSTEM COORDINATE REQUIREMENTS WITH UV SYSTEM CONTRACTOR
- E14 SEE TY SHEETS FOR INTEGRATION TO CARD READER

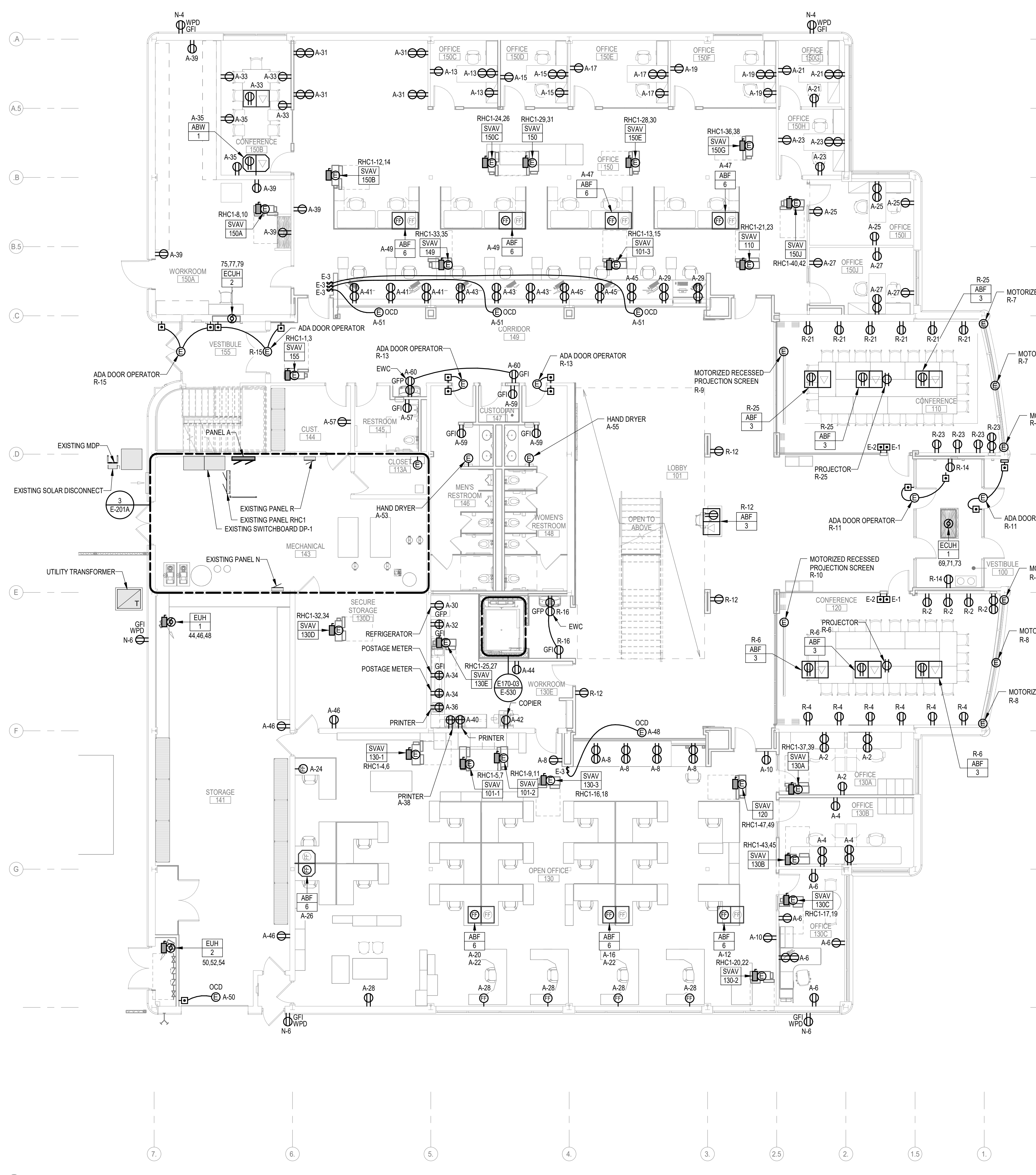
JOHNSON COUNTY ADMINISTRATION AND HEALTH & HUMAN SERVICES BUILDINGS REMODELING PROJECT
913 S Dubuque St.
855 S Dubuque St.
Iowa City, IA 52240

Design Engineers
8801 PRAIRIE VIEW LN SW
CEDAR RAPIDS, IA 52404
P: 319-841-1944

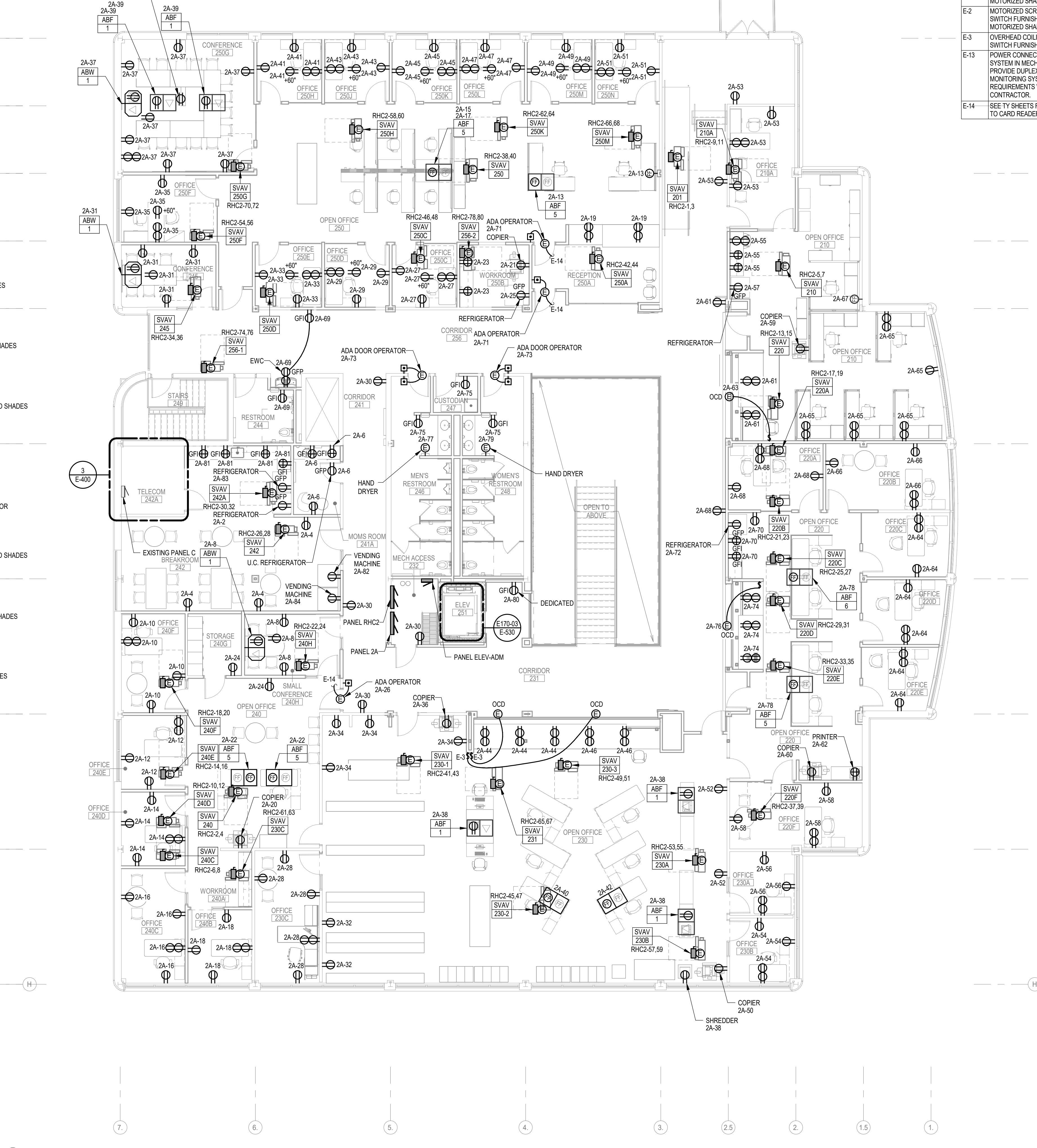
Design Engineers
8801 PRAIRIE VIEW LN SW
CEDAR RAPIDS, IA 52404
P: 319-841-1944

Contractor
H&B & H&H Engineers
1865 BOYSSON ROAD
HIAWATHA, IA 52233
P: 319-362-9548

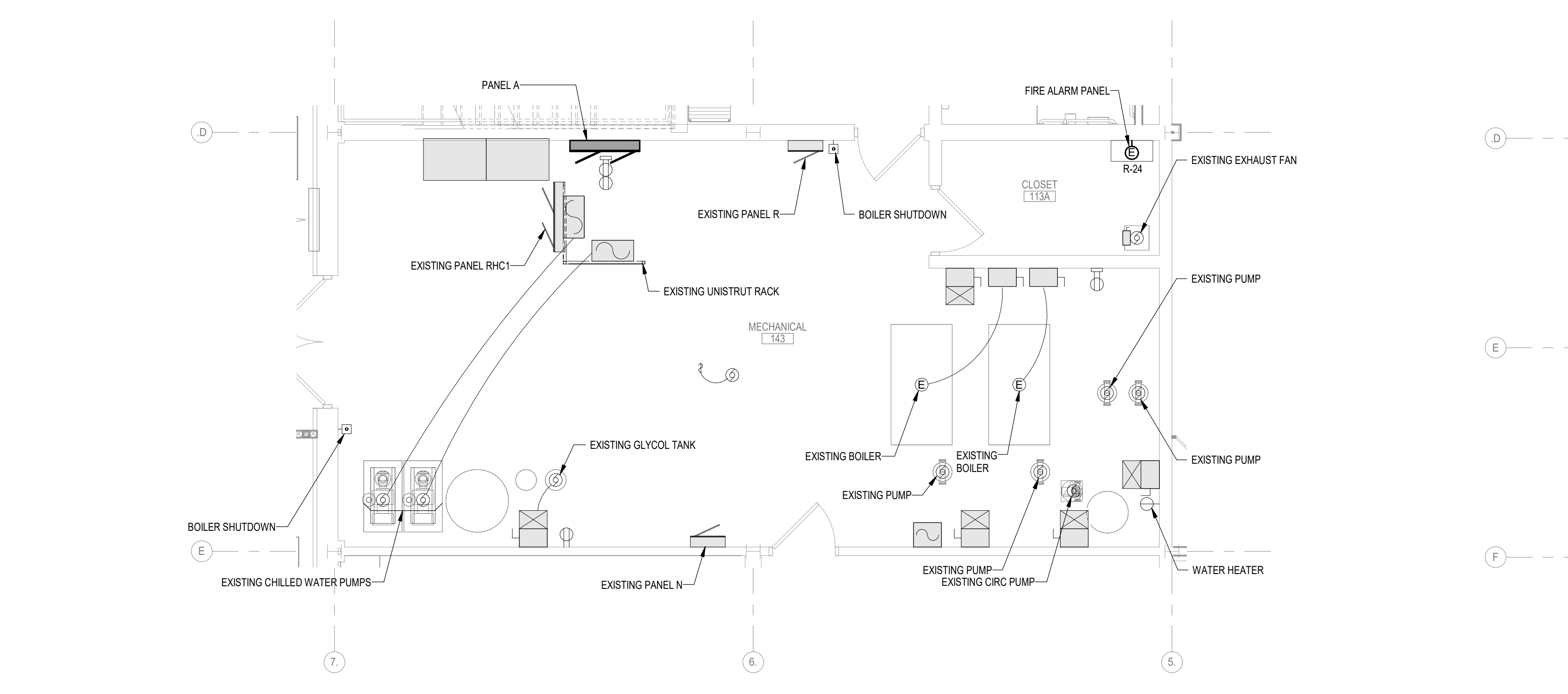
Architect
Raker Riedes Engineering
112 E WASHINGTON ST. SUITE B
IOWA CITY, IA 52240
P: 319-333-7850



1 ADM - LEVEL 1 ELECTRICAL POWER PLAN
1/8" = 1'-0"



2 ADM - LEVEL 2 ELECTRICAL POWER PLAN
1/8" = 1'-0"



3 ADM - LEVEL 1 ENLARGED MECHANICAL 383 ELECTRICAL POWER PLAN
1/4" = 1'-0"



4 ADM - MECHANICAL MEZZANINE ELECTRICAL POWER PLAN
1/8" = 1'-0"

NEW WORK KEY

- EXISTING
- NEW / REVISED
- EXISTING EQUIPMENT
- NEW / REVISED EQUIPMENT

OPN Project No. 23412000
Sheet Date: 06/06/23
Sheet Name: ADM ELECTRICAL POWER PLANS
Sheet Number: E-201A

KEYED NOTES

E-6 THIS SECTION TO RECEIVE PERMANENT ELECTRICAL.

E-11 SURFACE WIRING TO TEMPORARY FURNITURE. VERIFY EXACT LAYOUT WITH OWNER'S FURNITURE VENDOR.

E-12 PROVIDE POWER POLE FOR TEMPORARY FEEDS TO OFFICE EQUIPMENT. WIRELOD 250TC-14500 OR EQUAL. LAYOUT SHOWN IS FOR REFERENCE ONLY. ACTUAL LOCATION WILL BE DETERMINED BY OWNER'S FURNITURE VENDOR. PROVIDE FURNITURE RIG CONNECTIONS AS REQUIRED. NO MORE THAN 4 WORK STATIONS PER 20A CIRCUIT.

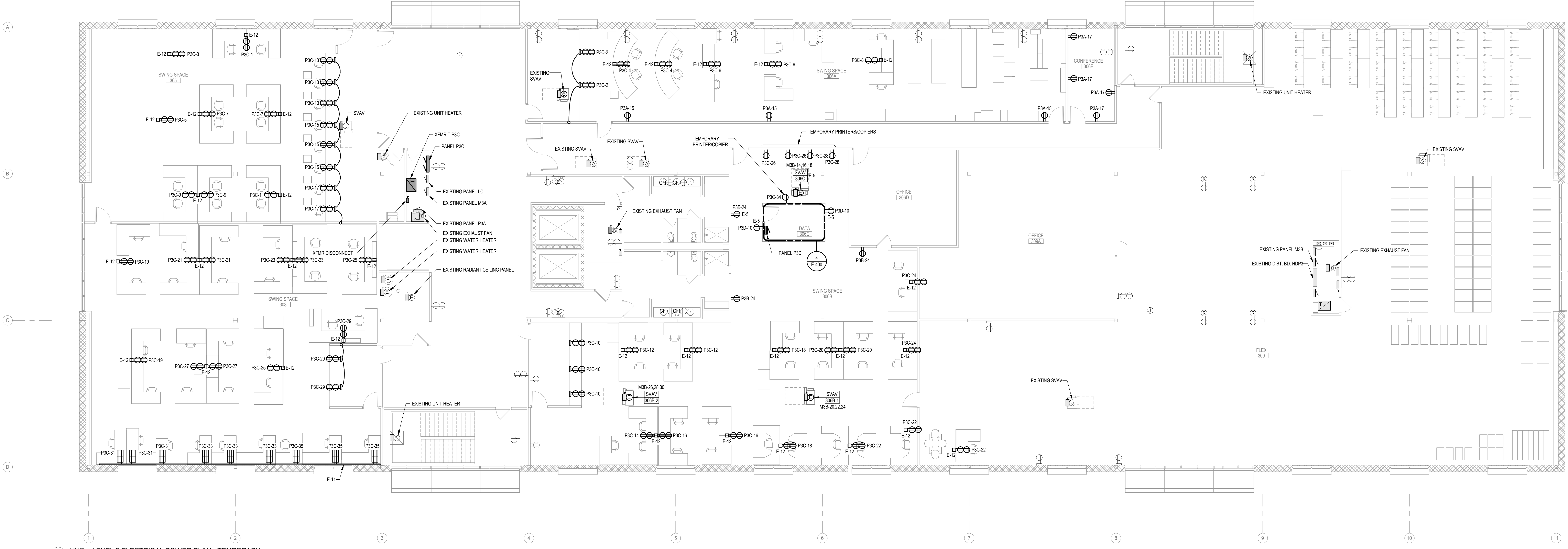
PROJECT
JOHNSON COUNTY ADMINISTRATION AND HEALTH & HUMAN SERVICES BUILDINGS REMODELING PROJECT

913 S Dubuque St.
855 S Dubuque St.
Iowa City, IA 52240

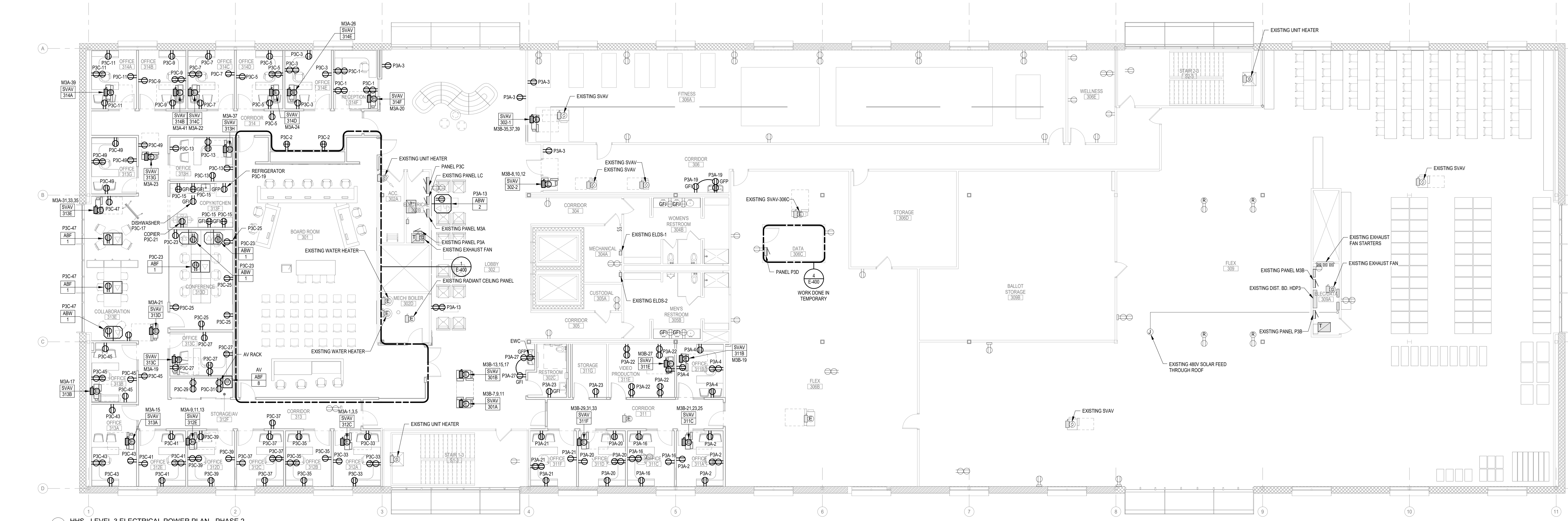
MECHANICAL ENGINEER
8801 PRAIRIE VIEW LN SW
CEDAR RAPIDS, IA 52404
P: 319-841-1944

ELECTRICAL ENGINEER
H&H & H&H ENGINEERS
1860 BOYSON ROAD
HIAWATHA, IA 52233
P: 319-362-9548

MECHANICAL ENGINEER
Raker Rhodes Engineering
112 E WASHINGTON ST. SUITE B
IOWA CITY, IA 52240
P: 319-333-7850



1 HHS - LEVEL 3 ELECTRICAL POWER PLAN - TEMPORARY
1/8" = 1'-0"



2 HHS - LEVEL 3 ELECTRICAL POWER PLAN - PHASE 2
1/8" = 1'-0"

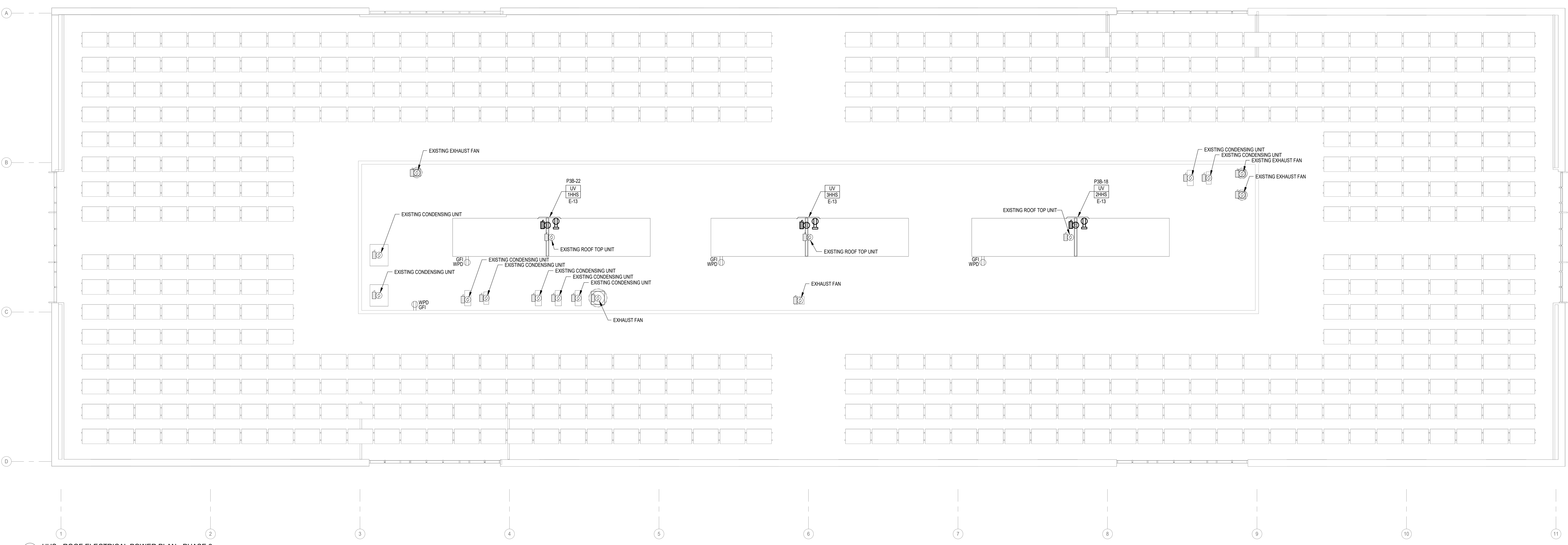
NEW WORK KEY

- EXISTING
- NEW / REVISED
- EXISTING EQUIPMENT
- NEW / REVISED EQUIPMENT

Revision

Revision	Description	Date

KEYED NOTES
E-13 POWER CONNECTION FOR UV SYSTEM IN MECHANICAL UNIT PROVIDE DUPLEX RECEPTACLE FOR MONITORING SYSTEM COORDINATE REQUIREMENTS WITH UV-23 CONTRACTOR.



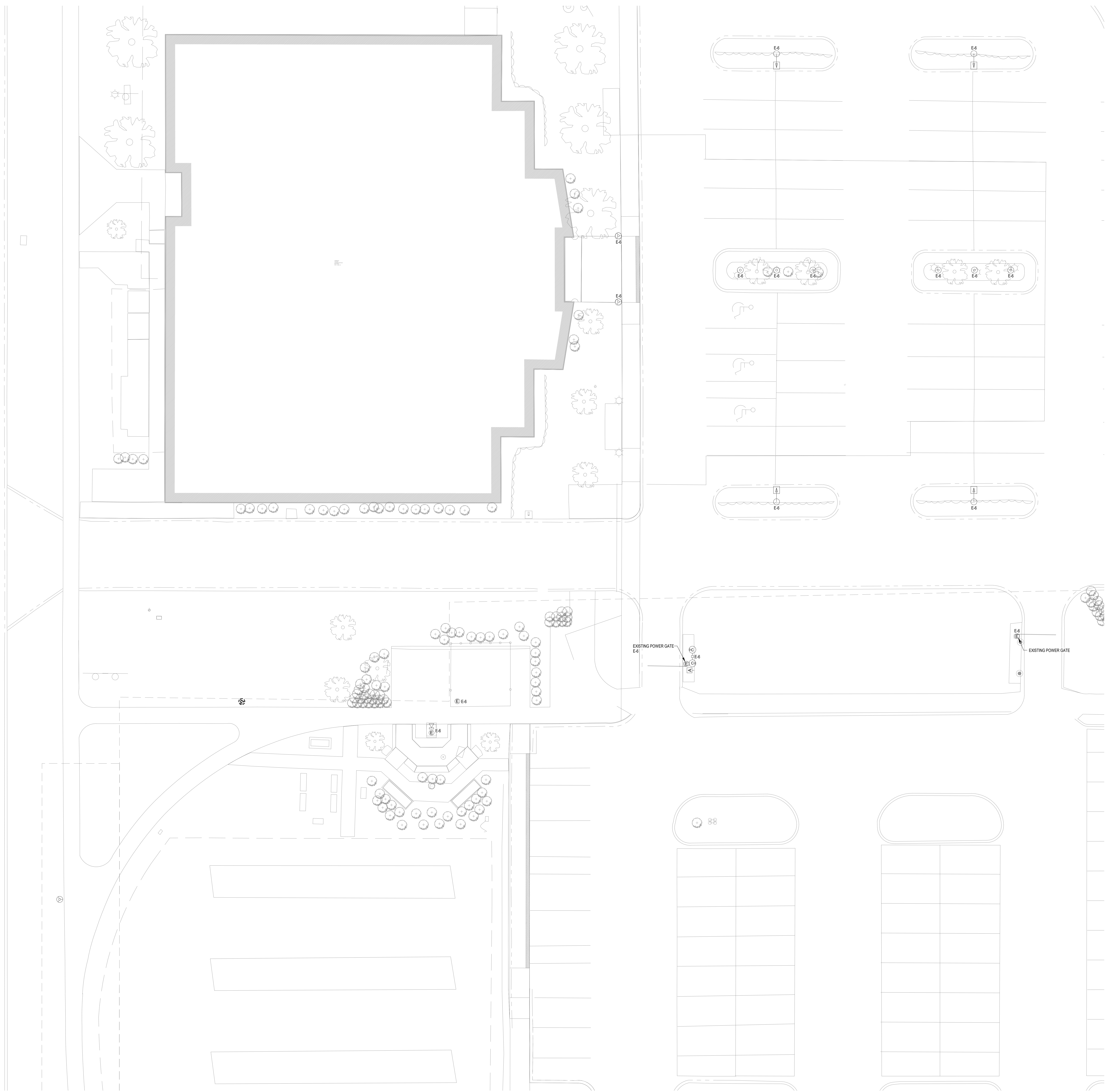
1 HHS - ROOF ELECTRICAL POWER PLAN - PHASE 2
1/8" = 1'-0"

NEW WORK KEY
 — EXISTING
 — NEW / REVISED
 ■ EXISTING EQUIPMENT
 ■ NEW / REVISED EQUIPMENT

Key Plan

Revision	Description	Date

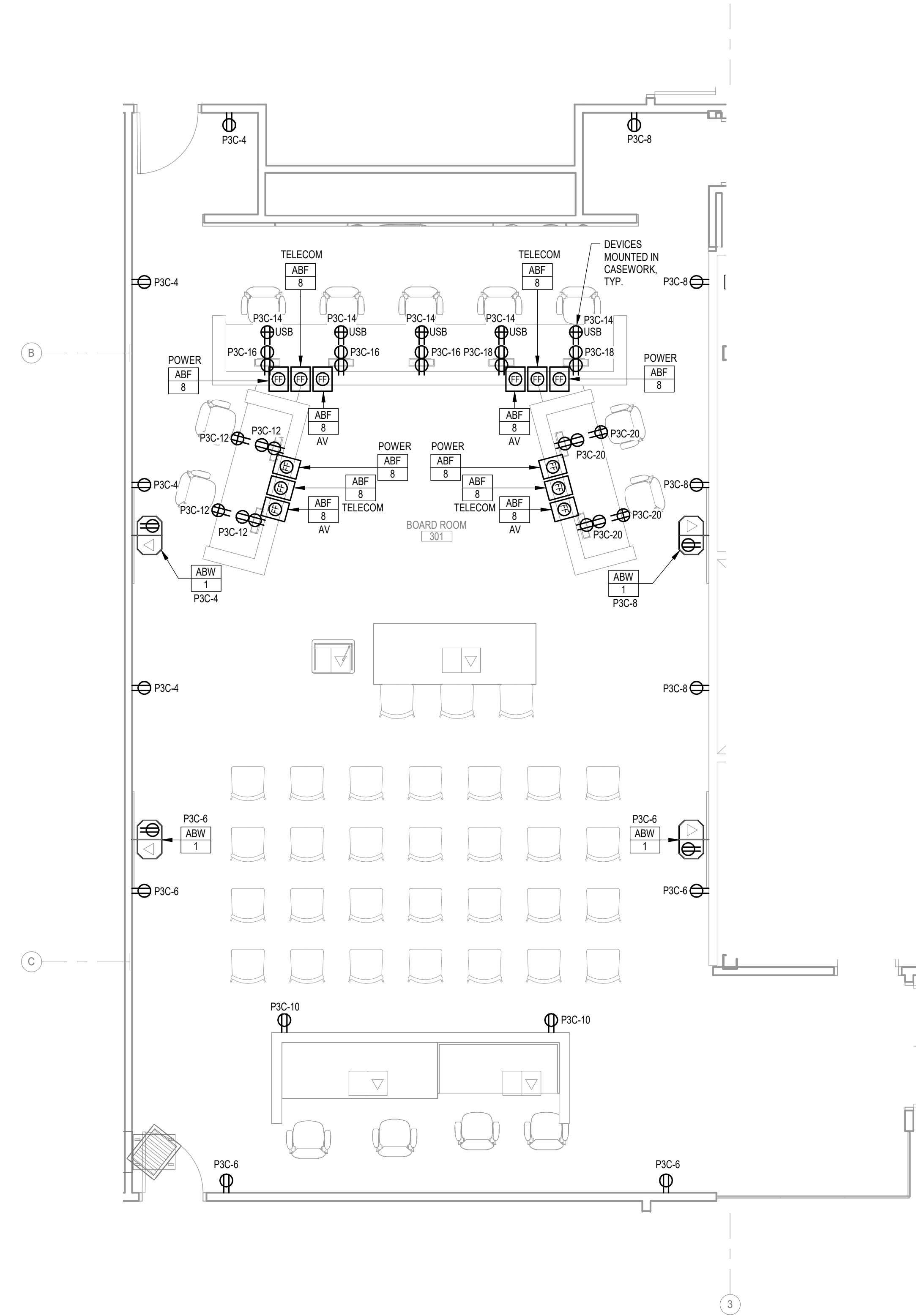
KEYED NOTES
E6 EXISTING POWER AND COMMUNICATIONS TO SITE. LIGHTING TO REMAIN. PROTECT THROUGHOUT CONSTRUCTION.



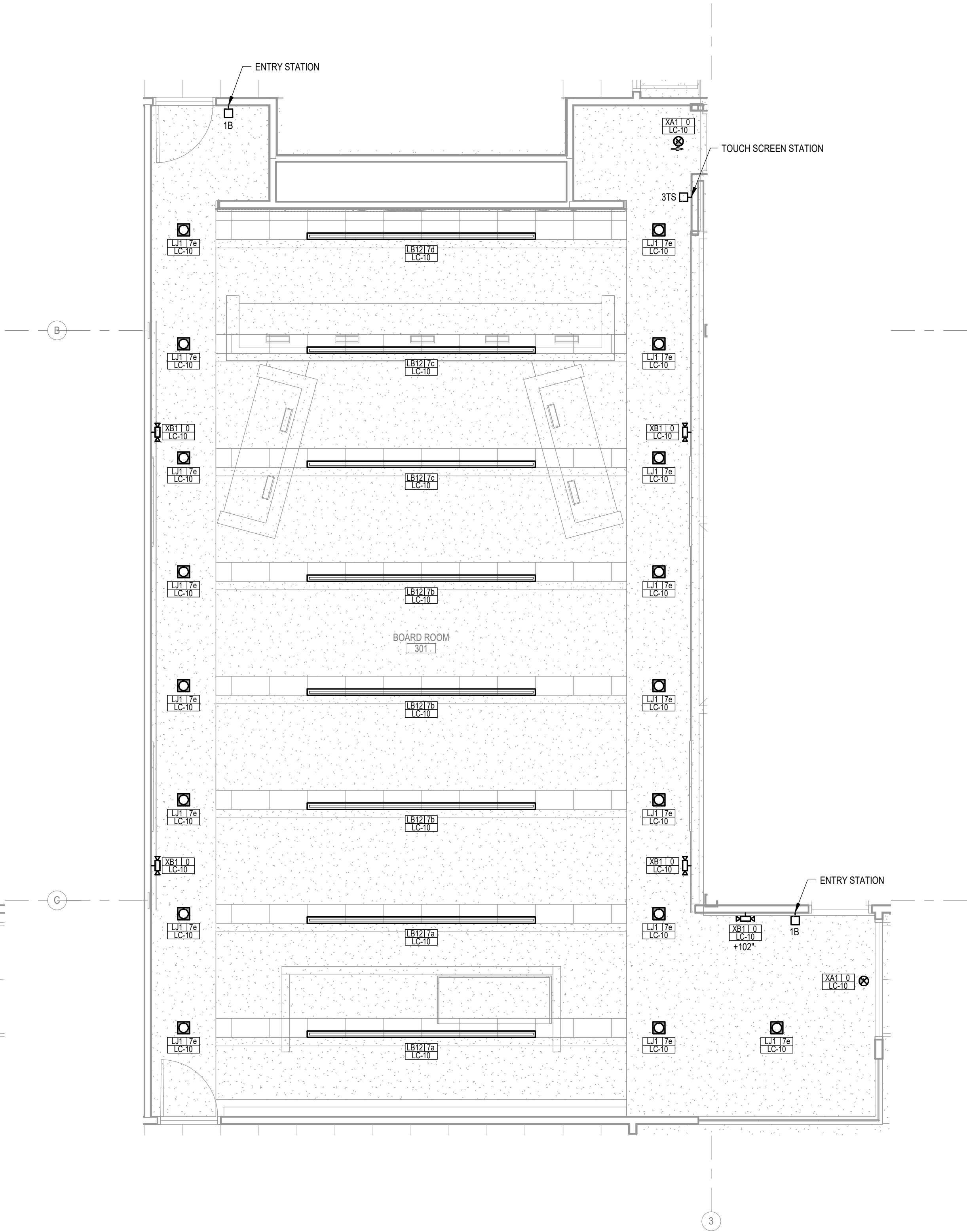
Key Plan

Revision	Description	Date

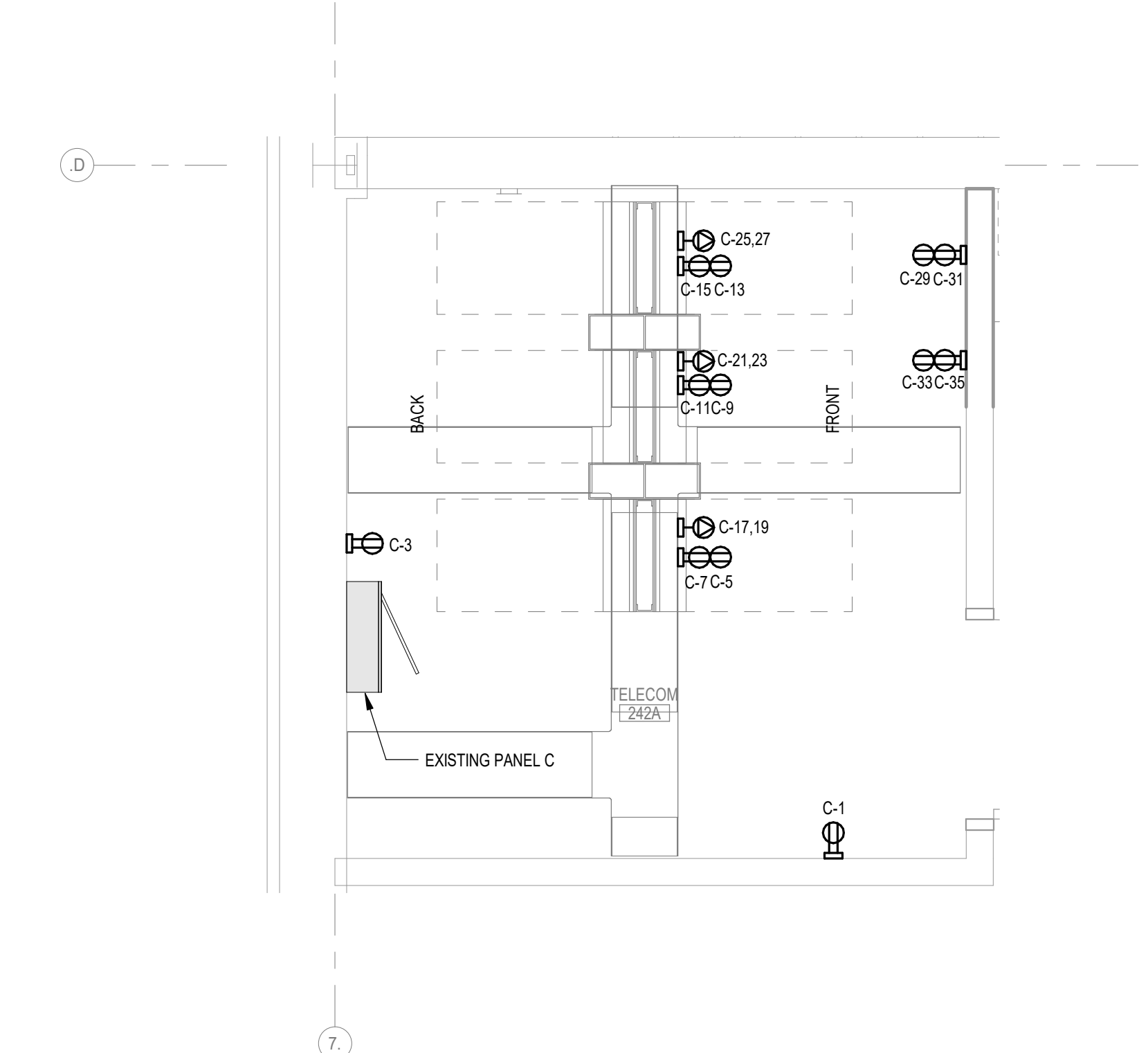
KEYED NOTES
E6 THIS SECTION TO RECEIVE PERMANENT ELECTRICAL.



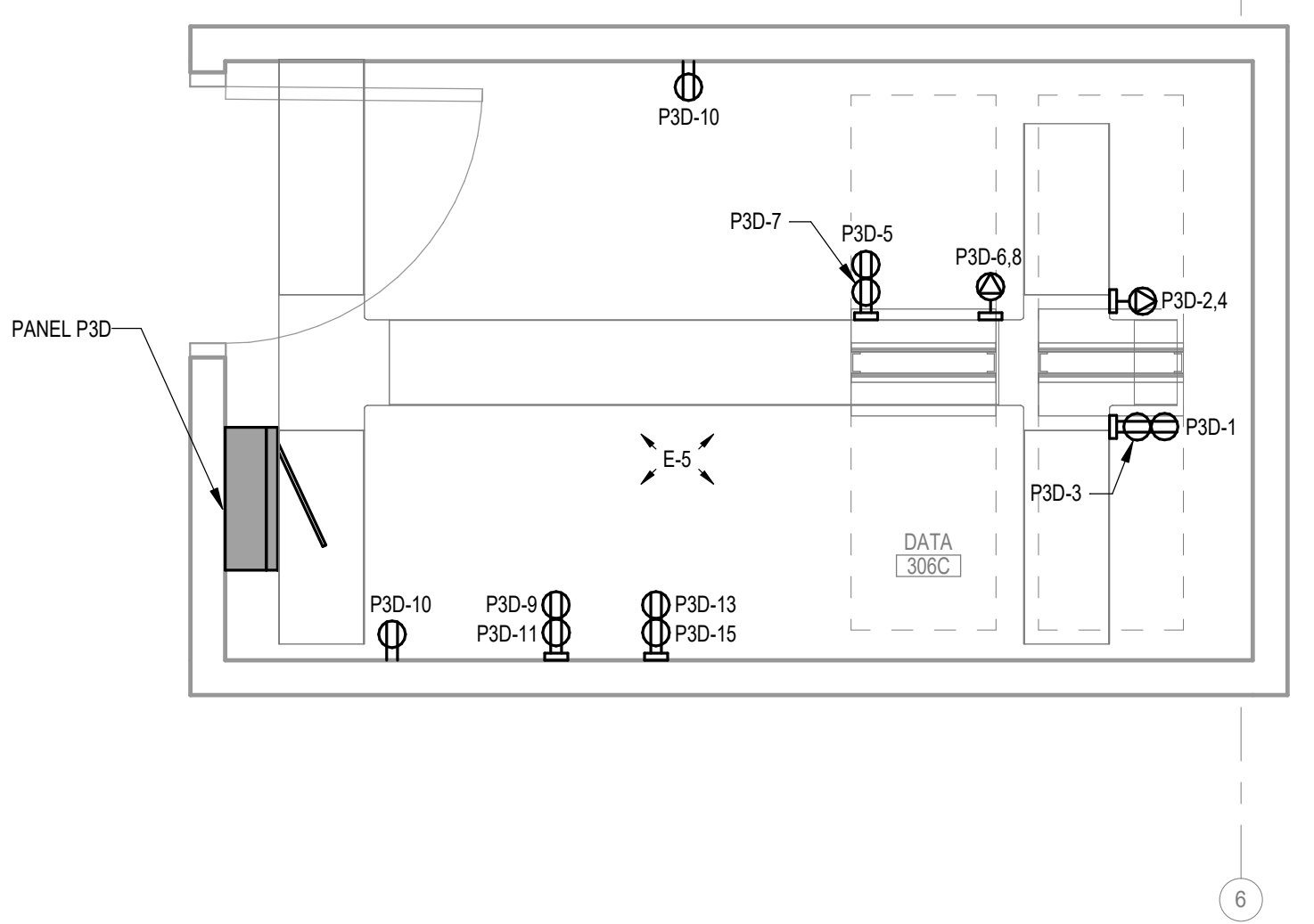
1 HHS - BOARD ROOM 301 ENLARGED ELECTRICAL POWER PLAN - PHASE 2
1/4" = 1'-0"



2 HHS - BOARD ROOM 301 ENLARGED ELECTRICAL LIGHTING PLAN - PHASE 2
1/4" = 1'-0"



3 ADM - LEVEL 2 ENLARGED TELECOM 242A POWER PLAN
1/2" = 1'-0"

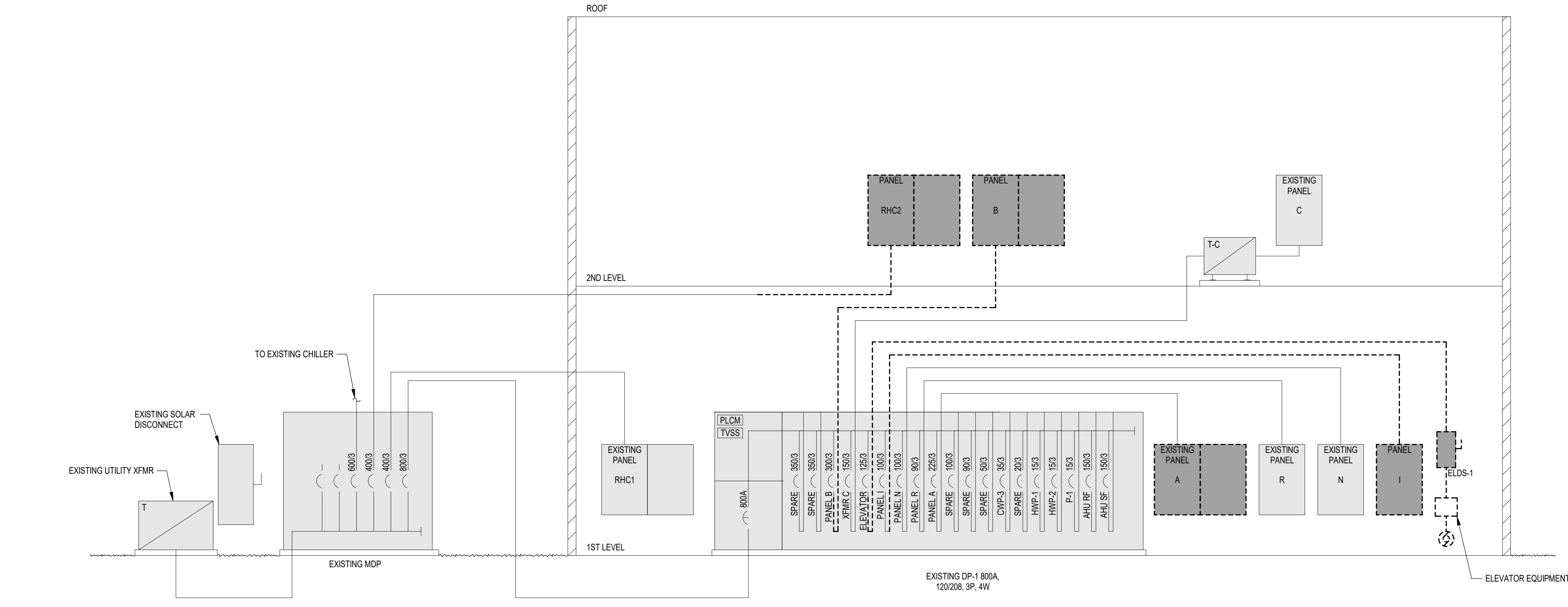


4 HHS - LEVEL 3 ENLARGED DATA 306C POWER PLAN - TEMPORARY
1/2" = 1'-0"

LIGHTING/SWITCHING KEY	
LIGHTING	
(Symbol)	LIGHTING CONTROLS OPERATION SOURCE (I.L. - PER DETAILS)
(Symbol)	FIXTURE TYPE - PER SCHEDULE
(Symbol)	SWITCHING ZONE (A-B-C)
(Symbol)	CIRCUIT DATA PANEL NAME (CIRCUIT NUMBER (XXXX-AAA) OR CIRCUIT NOTE (E-6))
(Symbol)	EM - EMERGENCY FIXTURE
(Symbol)	NL - NIGHT LIGHT
COORDINATE CEILING MOUNTED DEVICES WITH ARCHITECTURAL REFLECTED CEILING PLAN	
SWITCHING	
(Symbol)	LIGHTING CONTROL STATION
(Symbol)	AK - INDICATES SWITCH CONTROLS, REFER TO LIGHTING CONTROL STATION CONFIGURATION DETAIL
(Symbol)	AK-Z - INDICATES SWITCHING ZONES
(Symbol)	HF - DIMENSION INDICATES HEIGHT TO CENTER OF SWITCH ABOVE FINISH FLOOR - HFT TO CENTER IF NOT SHOWN

NEW WORK KEY	
(Line Style)	EXISTING
(Line Style)	NEW / REVISED
(Line Style)	EXISTING EQUIPMENT
(Line Style)	NEW / REVISED EQUIPMENT

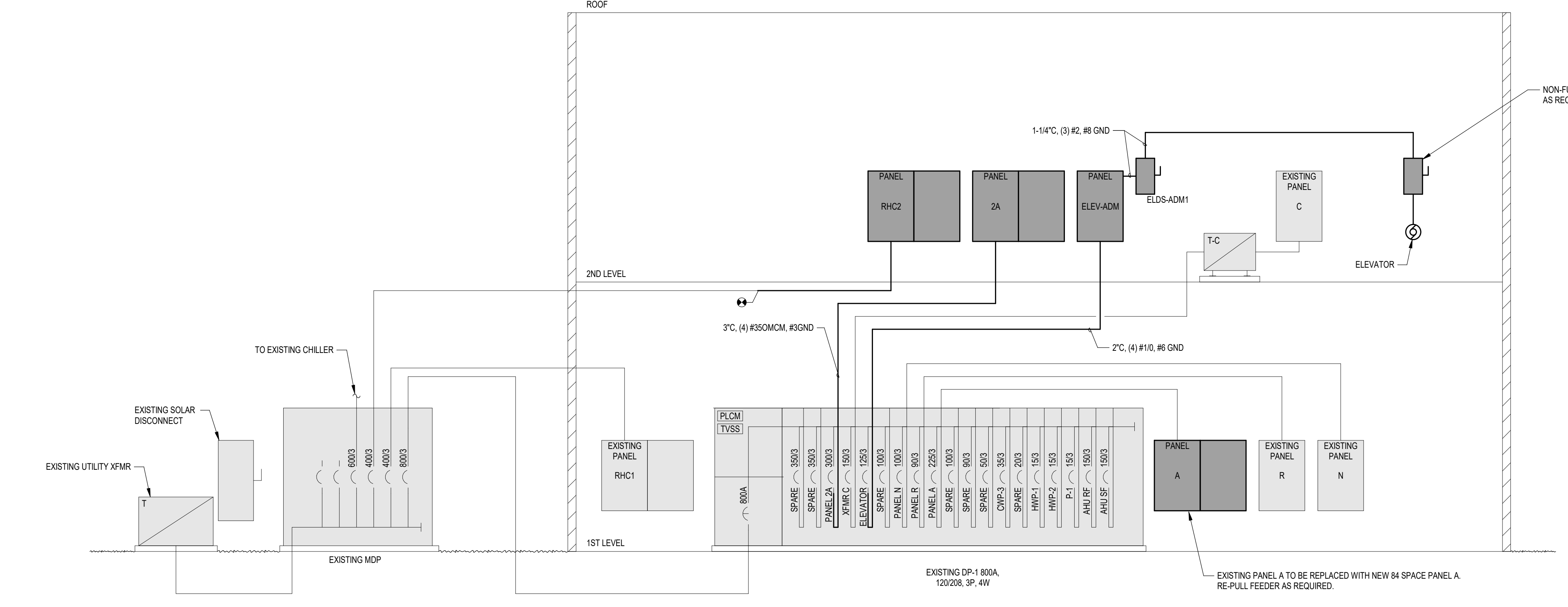
Revision	Description	Date



1 ADM - ELECTRICAL DEMOLITION SCHEMATIC RISER DIAGRAM
NOT TO SCALE

DEMOLITION KEY

—	TO REMAIN
- - -	TO BE REMOVED / REVISED
■	EQUIPMENT TO REMAIN
■	EQUIPMENT TO BE REMOVED / REVISED



2 ADM - ELECTRICAL SCHEMATIC RISER DIAGRAM
NOT TO SCALE

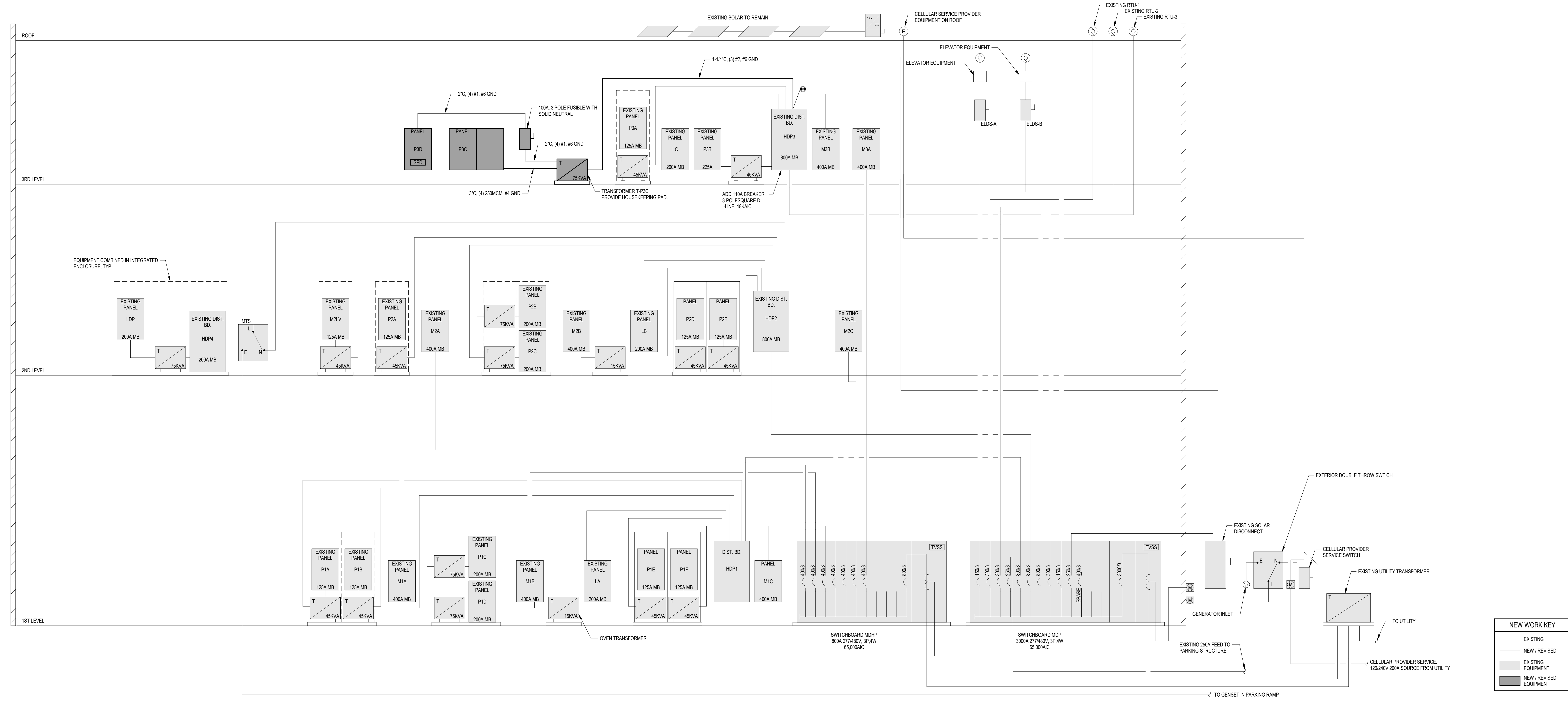
NEW WORK KEY

—	EXISTING
- - -	NEW / REVISED
■	EXISTING EQUIPMENT
■	NEW / REVISED EQUIPMENT

Key Plan

Revision Description Date

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NEW WORK KEY

- EXISTING
- NEW / REVISED
- EXISTING EQUIPMENT
- NEW / REVISED EQUIPMENT

2 HHS - ELECTRICAL SCHEMATIC RISER DIAGRAM - TEMPORARY
NOT TO SCALE

- ELECTRICAL HHS RISER DIAGRAM NOTES
1. PROTECT CELLULAR SERVICE PROVIDER SERVICE AND FEED THROUGH BUILDING THROUGHOUT CONSTRUCTION.
 2. PROTECT 480V SOLAR FEED FROM ROOF THROUGHOUT CONSTRUCTION.

Key Plan

Revision	Description	Date

EQUIPMENT SCHEDULE - ADM. Table with columns: PLAN MARK, DESCRIPTION, VOLTS, HPS, FLA, MCA, MAX FUSE, FEEDER, @ UNIT, REMARKS. Lists various electrical equipment like heaters, pumps, and terminals.

KEY: CMB = COMB. MOTOR STARTER, DDC = DIRECT DIGITAL CONTROL, FLA = FULL LOAD AMPS, FRA = FRACTIONAL HP, etc.

PANEL SCHEDULE: A (NEW PANEL)

LOCATION: MECHANICAL 143, MOUNTING: SURFACE, ENCLOSURE Type 1, VOLTAGE: 208/120V, PHASES: 3, WIRES: 4, A.I.C. RATING: 22,000, MAINS TYPE: MLO, MAINS RATING: 225 A, TOTAL LOAD: 53228 VA

Table with columns: CKT NO., BK, A, P, Description, LOAD V.A., LOAD V.A., Description, P, BK, A, CKT NO. Lists circuit details for Panel A.

*HL = HANDLE LOCK *GFI = GROUND FAULT INTERRUPTER *AFI = ARC FAULT INTERRUPTER *ST = SHUNT TRIP

NOTES: 1. TWO SECTION PANEL.

PANEL SCHEDULE: C (NEW PANEL)

LOCATION: TELECOM 242A, MOUNTING: SURFACE, ENCLOSURE Type 1, VOLTAGE: 208/120V, PHASES: 3, WIRES: 4, A.I.C. RATING: 22,000, MAINS TYPE: MLO, MAINS RATING: 60 A, TOTAL LOAD: 9920 VA

Table with columns: CKT NO., BK, A, P, Description, LOAD V.A., LOAD V.A., Description, P, BK, A, CKT NO. Lists circuit details for Panel C.

*HL = HANDLE LOCK *GFI = GROUND FAULT INTERRUPTER *AFI = ARC FAULT INTERRUPTER *ST = SHUNT TRIP

NOTES: 1. BOLD INDICATES NEW OR REVISED CIRCUITS. CONTRACTOR TO PROVIDE NEW BREAKER FOR SIZES INDICATED IN BOLD. PANELBOARD IS A SQUARE D TYPE NO.

PANEL SCHEDULE: 2A (NEW PANEL)

LOCATION: MECH ACCESS 232, MOUNTING: SURFACE, ENCLOSURE Type 1, VOLTAGE: 208/120V, PHASES: 3, WIRES: 4, A.I.C. RATING: 22,000, MAINS TYPE: MLO, MAINS RATING: 225 A, TOTAL LOAD: 87095 VA

Table with columns: CKT NO., BK, A, P, Description, LOAD V.A., LOAD V.A., Description, P, BK, A, CKT NO. Lists circuit details for Panel 2A.

*HL = HANDLE LOCK *GFI = GROUND FAULT INTERRUPTER *AFI = ARC FAULT INTERRUPTER *ST = SHUNT TRIP

NOTES: 1. TWO SECTION PANEL.

PANEL SCHEDULE: RHC1 (EXISTING PANEL)

LOCATION: MECHANICAL 143, MOUNTING: SURFACE, ENCLOSURE Type 1, VOLTAGE: 208/120V, PHASES: 3, WIRES: 4, A.I.C. RATING: 22,000, MAINS TYPE: MLO, MAINS RATING: 400 A, TOTAL LOAD: 142000 VA

Table with columns: CKT NO., BK, A, P, Description, LOAD V.A., LOAD V.A., Description, P, BK, A, CKT NO. Lists circuit details for Panel RHC1.

*HL = HANDLE LOCK *GFI = GROUND FAULT INTERRUPTER *AFI = ARC FAULT INTERRUPTER *ST = SHUNT TRIP

NOTES: 1. BOLD INDICATES NEW OR REVISED CIRCUITS. CONTRACTOR TO PROVIDE NEW BREAKER FOR SIZES INDICATED IN BOLD. PANELBOARD IS A SQUARE D TYPE NO.

PANEL SCHEDULE: N (EXISTING PANEL)

LOCATION: MECHANICAL 143, MOUNTING: SURFACE, ENCLOSURE Type 1, VOLTAGE: 208/120V, PHASES: 3, WIRES: 4, A.I.C. RATING: 22,000, MAINS TYPE: MLO, MAINS RATING: 100 A, TOTAL LOAD: 900 VA

Table with columns: CKT NO., BK, A, P, Description, LOAD V.A., LOAD V.A., Description, P, BK, A, CKT NO. Lists circuit details for Panel N.

*HL = HANDLE LOCK *GFI = GROUND FAULT INTERRUPTER *AFI = ARC FAULT INTERRUPTER *ST = SHUNT TRIP

NOTES: 1. BOLD INDICATES NEW OR REVISED CIRCUITS. CONTRACTOR TO PROVIDE NEW BREAKER FOR SIZES INDICATED IN BOLD. PANELBOARD IS A SQUARE D TYPE NO.

PANEL SCHEDULE: RHC2 (NEW PANEL)

LOCATION: MECH ACCESS 232, MOUNTING: SURFACE, ENCLOSURE Type 1, VOLTAGE: 208/120V, PHASES: 3, WIRES: 4, A.I.C. RATING: 22,000, MAINS TYPE: MLO, MAINS RATING: 400 A, TOTAL LOAD: 104183 VA

Table with columns: CKT NO., BK, A, P, Description, LOAD V.A., LOAD V.A., Description, P, BK, A, CKT NO. Lists circuit details for Panel RHC2.

*HL = HANDLE LOCK *GFI = GROUND FAULT INTERRUPTER *AFI = ARC FAULT INTERRUPTER *ST = SHUNT TRIP

NOTES: 1. TWO SECTION PANEL.

PANEL SCHEDULE: R (EXISTING PANEL)

LOCATION: MECHANICAL 143, MOUNTING: SURFACE, ENCLOSURE Type 1, VOLTAGE: 208/120V, PHASES: 3, WIRES: 4, A.I.C. RATING: 22,000, MAINS TYPE: MLO, MAINS RATING: 125 A, TOTAL LOAD: 12240 VA

Table with columns: CKT NO., BK, A, P, Description, LOAD V.A., LOAD V.A., Description, P, BK, A, CKT NO. Lists circuit details for Panel R.

*HL = HANDLE LOCK *GFI = GROUND FAULT INTERRUPTER *AFI = ARC FAULT INTERRUPTER *ST = SHUNT TRIP

NOTES: 1. BOLD INDICATES NEW OR REVISED CIRCUITS. CONTRACTOR TO PROVIDE NEW BREAKER FOR SIZES INDICATED IN BOLD. PANELBOARD IS A SQUARE D TYPE NO.

PLAN MARK	DESCRIPTION	MANUFACTURER	FLOOR/WALL TYPE	MODEL NOS.				POWER RECEPT QTY.	CONDUIT	QTY. OF OPENINGS	LOW VOLTAGE			NOTES
				BOX COVER	FINISH	RECEPT QTY.	CONDUIT				MOUNTING PLATE (QTY.)	MOUNTING PLATE (QTY.)	CONDUIT	
ABF-1	CONF RM POKE THRU	WIREMOLD	CARPET ON CONCRETE	BATCP2AA	8CTC2AA	BRUSHED ALUM.	2	3/4"	6	EFB8M (2)	EFB8D-DIV	(1) 1"-1/4" (TC), (1) 1"-1/2" (AV)	1, 2, 3, 4	
ABF-3	CONF RM FLOOR BOX ON GRADE	WIREMOLD	CARPET ON CONCRETE	EFB8S-0G	EFB8T0C2AA	BRUSHED ALUM.	2	3/4"	6	EFB8M (2)	EFB8D-DIV	(2) 1"-1/4"	1, 2, 3, 4	
ABF-5	OFFICE POKE THRU	WIREMOLD	CARPET ON CONCRETE	4ATCP2AA	6TCT2AA	BRUSHED ALUM.	FF	1"	FF	FF	---	(2) 1"-1/4"	1, 2, 3, 4	
ABF-6	OFFICE FLOOR BOX ON GRADE	WIREMOLD	CARPET ON CONCRETE	RFBE-0G	RFB9CT2AA	BRUSHED ALUM.	FF	1"	FF	FF	---	(2) 1"-1/4"	1, 2, 3, 4	
ABF-7	AV POKE THRU	WIREMOLD	CARPET ON CONCRETE	BATCP2AA	8CTC2AA	BRUSHED ALUM.	2	3/4"	6	EFB8M (2)	EFB8D-DIV	(1) 1"-1/4" (TC), (1) 1"-1/2" (AV)	1, 2, 3, 4	
ABF-8	SINGLE SERVICE FF POKE THROUGH	WIREMOLD	CARPET ON CONCRETE	RC3AM2TC	RC3AM2TC	BRUSHED ALUM.	FF	3/4"	4	NA	NA	(1) 1" (TC), (2) 1"-1/4" (AV)	1, 2, 3, 5, 6	
ABW-1	CONF RM WALL BOX	CHIEFLEGRAND	STUDS/GYP	PACS22FWM	PACS38CRVW-KIT	WHITE	2	3/4"	4	NA	NA	(1) 1" (TC), (2) 1"-1/4" (AV)	1, 2, 3, 5, 6	
ABW-2	LOBBY WALL BOX	CHIEFLEGRAND	STUDS/GYP	PACS22FWM	PACS38CRVW-KIT	WHITE	2	3/4"	4	NA	NA	(1) 1" (TC), (2) 1"-1/4" (AV)	1, 2, 3, 5, 6	

- NOTES:
- GENERAL ITEMS
 - PROVIDE ALL NECESSARY COMPONENTS REQUIRED FOR A COMPLETE INSTALLATION.
 - PROVIDE BLANK COVER PLATES FOR ALL UN-USED OPENINGS.
 - REFER TO TECHNOLOGY DRAWINGS TO VERIFY NUMBER OF CABLES AND DATA JACKS REQUIRED AS WELL AS CONDUIT SIZES AND QUANTITY.
 - CONFIRM COVER PLATE TYPES AND FINISHES WITH ARCHITECT.
 - PROVIDE FLOOR SCANNING FOR ALL POKE THRU'S AND BOXES IN EXISTING STRUCTURE. ADJUST LOCATIONS AS NECESSARY. CONSULT AE FOR MOVES MORE THAN 12".
 - PROVIDE NEMA 5-20R RECEPTACLE(S)
 - PROVIDE WITH DIVIDER TO SEPARATE LINE VOLTAGE FROM LOW VOLTAGE.
 - COORDINATE INSTALLATION WITH DIVISION 1. SEE ELECTRICAL DETAILS.
 - ACTIVATION BOX TO BE MOUNTED AT AN ELEVATION SO AS TO BE CONCEALED BUT NOT INTERFERE WITH MOUNTING SYSTEM(S) OF MONITOR. COORDINATE INSTALLATION WITH DIVISION 1 AND VERIFY FINAL MOUNTING LOCATION OF MONITOR AND ACTIVATION BOX PRIOR TO ROUGH-IN.
 - WALL ACTIVATION BOX FURNISHED WITH TWO DUPLEX RECEPTACLES.
 - SINGLE SERVICE POKE THROUGH FOR DATA, ADD-VOICED, OR POWER AS NOTED. 2" PASS-THROUGH.

PLAN MARK	MANUFACTURERS AND MODEL NUMBERS	DESCRIPTION	LED DETAILS		QTY.	DRIVER TYPE	DIM MIN	INPUT WATTS	VOLTS	FITURE MOUNTING	NOTES
			COLOR (K)	LUMEN OUTPUT							
LAF	AXIS BRLED-400-80-35-FL-S(8FT)-W-UNV-DP-1-DF	2" RECESSED LINEAR 6' LENGTH	3500	3,000	1	0-10	1%	28	120-277	RECESSED IN GYP	
LA12	AXIS BRLED-400-80-35-FL-S(12FT)-W-UNV-DP-1-DF	2" RECESSED LINEAR 12' LENGTH	3500	6,000	1	0-10	1%	56	120-277	RECESSED IN GYP	
LA14	AXIS BRLED-400-80-35-FL-S(14FT)-W-UNV-DP-1-DF	2" RECESSED LINEAR 14' LENGTH	3500	8,500	1	0-10	1%	65	120-277	RECESSED IN GYP	
LA18	AXIS BRLED-400-80-35-FL-S(18FT)-W-UNV-DP-1-DF	2" RECESSED LINEAR 18' LENGTH	3500	9,000	1	0-10	1%	83	120-277	RECESSED IN GYP	
LB6	AXIS BRLED-400-80-35-FL-S(6FT)-W-UNV-DP-1-DF	4" RECESSED LINEAR 6' LENGTH	3500	3,000	1	0-10	1%	28	120-277	RECESSED IN GYP	
LB17	AXIS BRLED-400-80-35-FL-S(12FT)-W-UNV-DP-1-DF	4" RECESSED LINEAR 12' LENGTH	3500	6,000	1	0-10	1%	56	120-277	RECESSED IN GYP	
LB22	AXIS BRLED-400-80-35-FL-S(22FT)-W-UNV-DP-1-DF	4" RECESSED LINEAR 22' LENGTH	3500	8,000	1	0-10	1%	104.5	120-277	RECESSED IN GYP	
L01	FINELITE HPR-LED-A-DCO-B-83S-UNV-SC-61-1%	2X2' RECESSED FOCAL POINT LITE CONTROL MARK	3500	4,387	1	0-10	1%	37	120-277	RECESSED IN ACT	
L03	PRUDENTIAL BR64-PER-FL-SH-LED35-LO-(NOTE 3)-TMW-SAL-WTW-SC-UNV-X3-DM01	4" RECESSED LINEAR PERMETER	3500	8,050	1	0-10	1%	68	120-277	RECESSED IN GYP	NOTE 1
L04	GOTHAM EVO450 35/15-WR-LSS-MVOLT-G21	SQUARE 4" DOWNLIGHT	3500	1,500	1	0-10	1%	14	120-277	RECESSED IN ACT/GYP	
L07	GOTHAM EVO36 35/10-WR-LSS-MVOLT-G21	SQUARE 4" DOWNLIGHT	3500	1,000	1	0-10	1%	9	120-277	RECESSED IN ACT/GYP	
L09	GOTHAM EVO36 35/10-WR-LSS-MVOLT-G21	SQUARE 2" DOWNLIGHT	3500	500	1	0-10	1%	12	120	RECESSED IN ACT	
L10	GOTHAM EVO36 35/10-WR-LSS-MVOLT-G21	SQUARE 6" DOWNLIGHT	3500	2,500	1	0-10	1%	25	120-277	RECESSED IN GYP	
L11	AXIS P8-ARR-ABS-FL-1000-30-35-S(NOTE 3)-W-UNV-DP-1	EDGE LINEAR DIRECT/INDIRECT	3500	1000LMFT	1	0-10	1%	9.9W/FT	120-277	WALL SURFACE	
L12	LITHONIA CLX-L48-400LM-SEF-RDL-MVOLT-G210-39K-80CRI-WH	4" STRIP	3500	4,000	1	0-10	1%	27.6	120-277	SURFACE	
L13	LITHONIA CLX-L48-400LM-SEF-RDL-MVOLT-G210-39K-80CRI-WH	4" STRIP	3500	2,000	1	0-10	1%	15	120-277	SURFACE	
L14	ELECTRIC MIRROR NOV2-24X36-LYCSHD-WG2-39K	BACKLIT MIRROR	3500	720 LMFT	1	0-10	1%	56	120	SURFACE	NOTE 4
L15	AXIS T8AVIDLED-1100-400-35-30-SD-S(NOTE 3)-UNV-DP-1	LINEAR DIRECT/INDIRECT	3500	1100 LMFT UP	1	0-10	1%	13.4W/FT	120-277	SUSPENDED	NOTE 2
L01	LITHONIA EPANL 2X2-4000LM 80CRI 35K MN10	2X2' SUSPENDED	3500	4,729	1	0-10	1%	45	120-277	SUSPENDED	NOTE 6
L02	LITHONIA EPANL 2X2-4000LM 80CRI 35K MN10	2X2' SUSPENDED	3500	2,071	1	0-10	1%	33	120-277	SUSPENDED	NOTE 6
L04	AXIS BRLED-400-80-35-FL-S(NOTE 3)-W-UNV-DP-1-TB9-HD	3" RECESSED LINEAR 4 FOOT LENGTH	3500	2,400	1	0-10	1%	28.4	120-277	RECESSED IN ACT	NOTE 3
L06	AXIS BRLED-400-80-35-FL-S(NOTE 3)-W-UNV-DP-1-TB9-HD	3" RECESSED LINEAR 4 FOOT LENGTH	3500	3,600	1	0-10	1%	42.6	120-277	RECESSED IN ACT	NOTE 3
L08	AXIS BRLED-400-80-35-FL-S(NOTE 3)-W-UNV-DP-1-TB9-HD	3" RECESSED LINEAR 4 FOOT LENGTH	3500	4,800	1	0-10	1%	56.8	120-277	RECESSED IN ACT	NOTE 3
L09	AXIS BRLED-400-80-35-FL-S(NOTE 3)-W-UNV-DP-1-TB9-HD	3" RECESSED LINEAR 4 FOOT LENGTH	3500	6,000	1	0-10	1%	71	120-277	RECESSED IN ACT	NOTE 3
L10	AXIS BRLED-400-80-35-FL-S(NOTE 3)-W-UNV-DP-1-TB9-HD	3" RECESSED LINEAR 4 FOOT LENGTH	3500	7,200	1	0-10	1%	85.2	120-277	RECESSED IN ACT	NOTE 3
L12	AXIS BRLED-400-80-35-FL-S(NOTE 3)-W-UNV-DP-1-TB9-HD	3" RECESSED LINEAR 4 FOOT LENGTH	3500	8,400	1	0-10	1%	99.4	120-277	RECESSED IN ACT	NOTE 3
L13	AXIS BRLED-400-80-35-FL-S(NOTE 3)-W-UNV-DP-1-TB9-HD	3" RECESSED LINEAR 4 FOOT LENGTH	3500	9,600	1	0-10	1%	113.6	120-277	RECESSED IN ACT	NOTE 3
L01	AXIS T8AVIDLED-1100-400-35-SLA-S(NOTE 3)-UNV-DP-1	4" INDIRECT LINEAR	3500	1100	1	0-10	1%	40	120-277	WALL	NOTE 3
L01	AXIS BRLED-400-80-35-GZ-S(NOTE 3)-W-UNV-DP-1-TB9-HD	4" RECESSED LINEAR WALL GRAZE	3500	500LMFT	1	0-10	1%	4.6W/FT	120-277	RECESSED	NOTE 3
L14	LUMINIS SC660-L1L40-R30-120-WHT-K35	FEATURE WALL SPOT LIGHTING	3500	4102	1	0-10	1%	48	120	WALL	
L01	AXIS BRLED-400-80-35-FL-S(NOTE 3)-W-UNV-DP-1-DF-HD	3" RECESSED LINEAR 4 FOOT LENGTH	3500	2,400	1	0-10	1%	28.4	120-277	GYP	NOTE 3
L06	AXIS BRLED-400-80-35-FL-S(8FT)-W-UNV-DP-1-TB9-HD	4" RECESSED LINEAR 8' LENGTH	3500	3,000	1	0-10	1%	28	120-277	RECESSED IN ACT	
LW1	GOTHAM EVO6 35/25-WR-LSS-MVOLT-G21	6" DOWNLIGHT WET LOCATION COVERED	3500	3,500	1	0-10	1%	35	120-277	RECESSED IN GYP	
LW2	GOTHAM EVO450 35/15-WR-LSS-MVOLT-G21	SQUARE 4" DOWNLIGHT WET LOCATION COVERED	3500	1,500	1	0-10	1%	14	120-277	RECESSED IN ACT/GYP	
XA1	EVENLITE CCDS-EM-G-AB-CN	EXIT SIGN GREEN ALUMINUM UNIVERSAL MOUNT	N/A	N/A	-	-	-	10	120-277	SURFACE/WALL	NOTE 5
XB1	LITHONIA AFF-OEL-DWGHXD-LVOLT-1-TP-SRDT-WT	DUAL-LITE, ISOLITE, SURE-LITE EMERGENCY LIGHT	N/A	640	-	-	-	10	120-277	SURFACE/WALL	NOTE 7
XB2	LITHONIA AFF-OEL-DWGHXD-LVOLT-1-TP-SRDT-WT	DUAL-LITE, ISOLITE, SURE-LITE EMERGENCY LIGHT	N/A	640	-	-	-	10	120-277	SURFACE/WALL	NOTE 7
XB3	LITHONIA AFF-OEL-DWGHXD-LVOLT-1-TP-SRDT-FC	DUAL-LITE, ISOLITE, SURE-LITE EMERGENCY LIGHT FORWARD THROUGH	N/A	640	-	-	-	10	120-277	SURFACE/WALL	NOTE 7

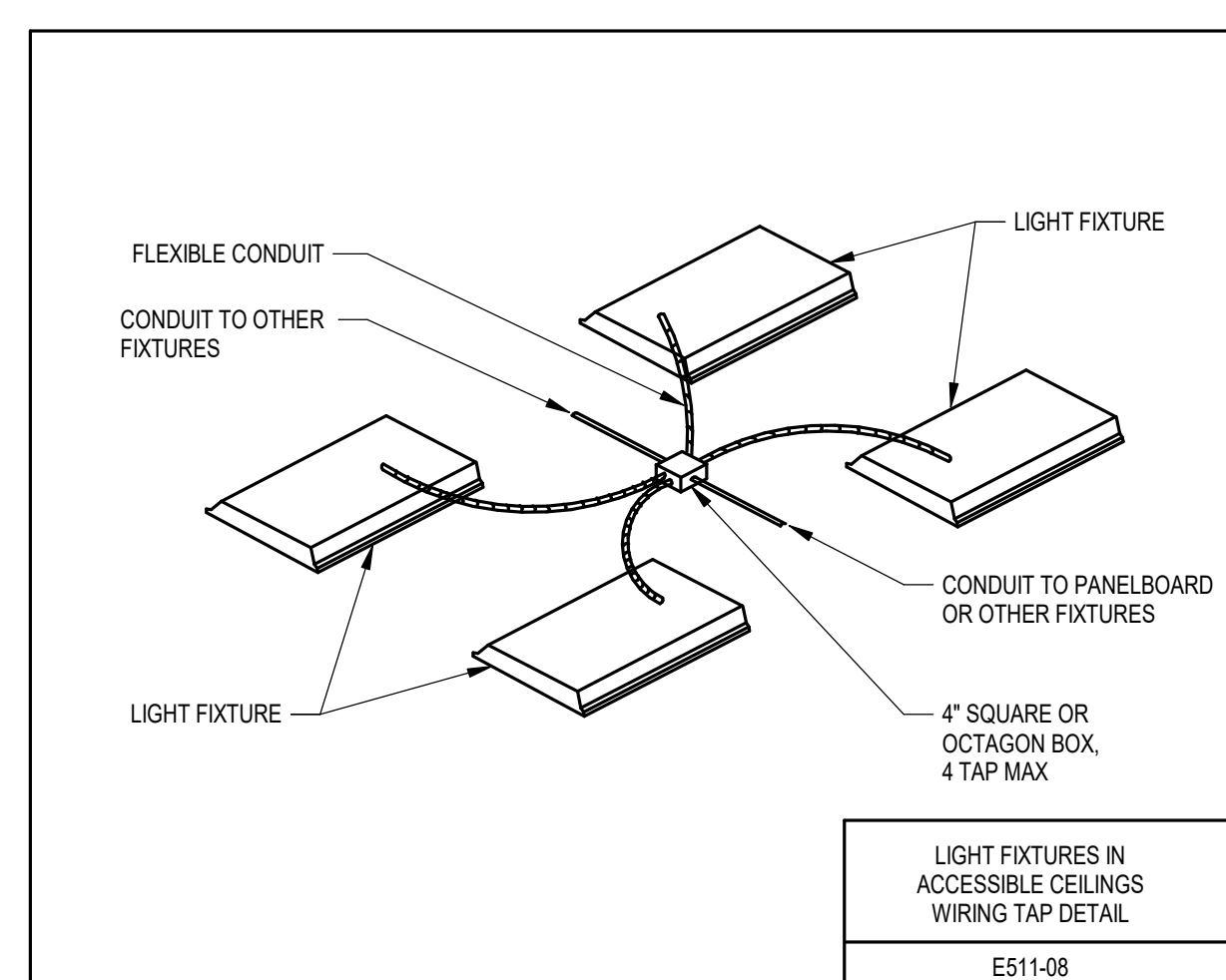
- KEY:
- 3W =THREE WIRE DIMMING
0-10 =0-10V DIMMED
- DA =DIGITAL ADDRESSABLE
ND =NON-DIMMED
- SD =STEP DIMMED
DMX =DMX ENABLED
- GENERAL NOTES:
- REFER TO SPECIFICATION 26000 FOR ADDITIONAL REQUIREMENTS.
 - PROVIDE A MINIMUM 5 YEAR WARRANTY ON ALL LED PRODUCTS 20W AND GREATER.
 - EQUIVALENT MANUFACTURERS LISTED SHALL MEET PERFORMANCE REQUIREMENTS OF THE BASE FIXTURE SPECIFIED. EQUIVALENTS SHALL NOT CONSUME MORE THAN 10% IN WATTAGE OR BE LESS THAN 5% IN LUMENS.
 - COORDINATE WITH ARCHITECTURAL CEILING PLANS FOR CEILING TYPES PRIOR TO SUBMITTAL PROCESS. VERIFY PLANNED CEILING TYPES COORDINATE WITH SPECIFIED FIXTURES.
 - COORDINATE FIXTURES LOCATED IN NON-ACCESSIBLE CEILINGS ARE ACCESSIBLE FROM BELOW THROUGH THE FIXTURE. PRIOR TO SUBMITTAL PROCESS.
 - COORDINATE DRIVER TYPE WITH THE LIGHTING CONTROL SYSTEM. PRIOR TO SUBMITTAL PROCESS.
- SPECIFIC NOTES:
- PROVIDE WALL-TO-WALL LENGTH INDICATED. FIELD VERIFY EXACT LENGTH REQUIRED.
 - PROVIDE AND INSTALL LENGTHS PER PLANS. PROVIDE ADJUSTABLE AIRCRAFT CABLE WITH STRAIGHT CORD FEEDS. FIXTURES SHALL BE MOUNTED AT '+FF-N/A' A.F.F. COORDINATE WITH ARCHITECTURAL PLANS FOR CEILING TYPE(S) PRIOR TO ORDERING HANGING HARDWARE. EACH ROW OF FIXTURES SHALL HAVE ONLY ONE FEEE POINT WITH CIRCUIT RUN BEING FED THROUGH FIXTURE HOUSING.
 - PROVIDE LENGTHS AS DEPICTED ON LIGHTING FLOOR PLANS.
 - PROVIDE SIZE AS INDICATED ON DIV 10 DRAWINGS.
 - SEE PLANS FOR MOUNTING ORIENTATIONS, CHEVRON ARROWS, AND FACE OPTIONS. CEILING MOUNTED HHS LEVEL 3 LOCATIONS WITHOUT ACT WILL REQUIRED SUSPENSION KITS.
 - PROVIDE CABLE SUSPENSION KIT.
 - EGRESS LIGHT TO ALLOW SPACING OF 69 OR MORE WHILE ILLUMINATING A 3' EGRESS PATH TO IBC REQUIREMENTS.
 - STARWAY LIGHT FIXTURE WITH INTEGRAL BATTERY, PHOTOCCELL, AND MOTION SENSOR. FIXTURE CONTROLLED INDEPENDENTLY OF THE BUILDINGS LIGHTING CONTROL SYSTEM. LIGHT SHALL HAVE 25% OUTPUT WHEN UNOCCUPIED.

OPERATION SEQUENCE	SCHEMATIC DETAIL	LIGHT LEVEL SET POINT	TIME DELAY	LIGHTING CONTROL SEQUENCE				RECEPTACLE SEQUENCE	HVAC SEQUENCE	NOTES
				TRIGGER ON	DAY LIGHT CONTROLS	TRIGGER OFF	RECEPTACLE SEQUENCE			
0	N/A	-	-	CONSTANT ON	N/A	N/A	N/A	N/A	N/A	FIXTURE IS WIRED TO UNSWITCHED CIRCUIT. FIXTURE IS ALWAYS ENERGIZED.
1	N/A	N/A	N/A	SINGLE POLE WALL SWITCH	N/A	SINGLE POLE WALL SWITCH	N/A	N/A	N/A	FIXTURE IS WIRED TO A SWITCH LEG FOR MANUAL CONTROL. SPACE CONTAINS EQUIPMENT THAT MAY BECOME UNSAFE FOR AUTOMATIC OFF CONTROL.
2	N/A	30	ADJUSTABLE SET TO 15 MINUTES	OCCUPANCY SENSOR	WHERE NOTED	OCCUPANCY SENSOR	N/A	N/A	N/A	AUTOMATIC ON BY OCCUPANCY SENSOR. AUTOMATIC OFF BY OCCUPANCY SENSOR. PROGRAMMABLE HIGH-END TRIM
2T	N/A	30	ADJUSTABLE SET TO 15 MINUTES	TIME OF DAY OR AFTER HOURS OCCUPANCY SENSOR	WHERE NOTED	TIME OF DAY OR AFTER HOURS OCCUPANCY SENSOR	N/A	N/A	N/A	TIME OF DAY ON & OFF. AFTER HOURS AUTOMATIC ON BY OCCUPANCY SENSOR. AUTOMATIC OFF BY OCCUPANCY SENSOR. PROGRAMMABLE HIGH-END TRIM
3	N/A	30	ADJUSTABLE SET TO 15 MINUTES	LIGHTING CONTROL STATION	WHERE NOTED	MANUAL CONTROL STATION OR OCCUPANCY SENSOR	N/A	N/A	N/A	MANUAL ON BY LIGHTING CONTROL STATION. AUTOMATIC OFF BY OCCUPANCY SENSOR OR MANUAL OFF BY LIGHTING CONTROL STATION. LIGHTING CONTROL STATION CAPABLE OF DIMMING LIGHTS.
4	N/A	N/A	ADJUSTABLE SET TO 15 MINUTES	LIGHTING CONTROL STATION	N/A	MANUAL CONTROL STATION OR OCCUPANCY SENSOR	N/A	N/A	N/A	MANUAL ON BY LIGHTING CONTROL STATION. AUTO OFF BY OCCUPANCY SENSOR. MANUAL OFF BY LIGHTING CONTROL STATION.
5	N/A	N/A	ADJUSTABLE SET TO 15 MINUTES	AUTO ON TO 50%	WHERE NOTED	MANUAL CONTROL STATION OR OCCUPANCY SENSOR	N/A	N/A	N/A	AUTOMATIC ON BY OCCUPANCY SENSOR. AUTOMATIC OFF BY OCCUPANCY SENSOR OR LIGHTING CONTROL STATION. LIGHTING CONTROL STATION CAPABLE OF DIMMING LIGHTS.
6	N/A	15	ADJUSTABLE SET TO 15 MINUTES	OCCUPANCY SENSOR	YES	OCCUPANCY SENSOR	N/A	N/A	N/A	AUTOMATIC ON BY OCCUPANCY SENSOR. AUTOMATIC REDUCE TO 25% LIGHT OUTPUT BY OCCUPANCY SENSOR. INTEGRATED PHOTO CONTROL. FIXTURE WITH INTEGRAL CONTROL. NOTE 1
7	N/A	N/A	ADJUSTABLE SET TO 20 MINUTES	LIGHTING CONTROL STATION OR AV SYSTEM	N/A	MANUAL CONTROL STATION OR OCCUPANCY SENSOR	N/A	N/A	N/A	MULTI-ZONE ARCHITECTURAL SYSTEM. ON/OFF ENTRY STATIONS TO PRESET. COMPARABLE TOUCH PANEL. SYSTEM WITH PRESETS AND ZONE CONTROL. ACUTY FRESKO OR EQUAL. RS-232 AUDIO VISUAL SYSTEM INTERFACE. COORDINATE WITH AV SYSTEM INSTALLER.
8	N/A	N/A	N/A	SUNSET	N/A	SUNRISE	N/A	N/A	N/A	EXISTING CONTROL FOR EXTERIOR LIGHTING.

GENERAL NOTES:

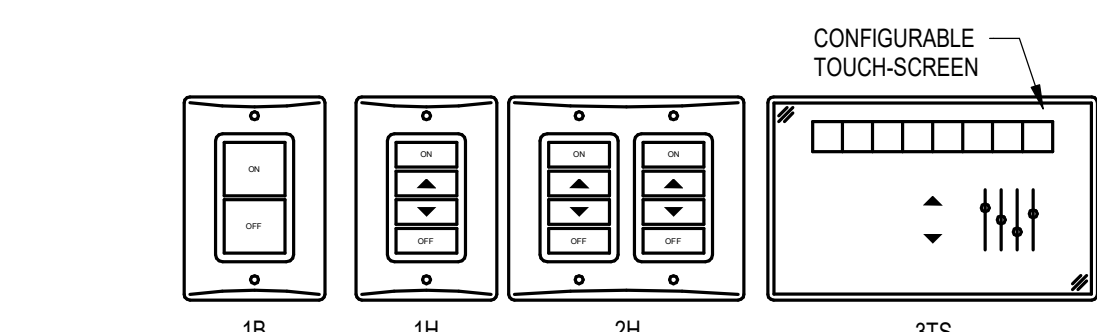
A. FOR ALL CONTROL SEQUENCES WITH WALL STATIONS, THE PROGRAMMED SETTING OF THE WALL STATION WILL MAINTAIN THE ACTIVE CONTROL FUNCTION UNTIL LOSS OF OCCUPANCY IS DETECTED. THEN THE SYSTEM WILL DEFAULT BACK TO ITS INITIAL SEQUENCE.

SPECIFIC NOTES:



PLAN MARK	DESCRIPTION	MOUNTING	NOTES
OS-A	DUAL TECHNOLOGY LOW VOLTAGE	CEILING	
OS-B	DUAL TECHNOLOGY LINE VOLTAGE SENSOR SWITCH	WALL	120 OR 277V RATED AS REQUIRED
OS-C	DUAL TECHNOLOGY LOW VOLTAGE	WALL/CORNER	
OS-D	DUAL TECHNOLOGY HIGHBAY LOW VOLTAGE SENSOR	CEILING	
PS-A	PHOTO SENSOR	CEILING	CLOSED LOOP

- GENERAL NOTES:
- A. LOCATIONS OF CEILING DEVICES MAY REQUIRE ADJUSTMENT AFTER INSTALLATION. REFER TO 260923 FOR SPARE CABLE REQUIREMENTS.
- B. REFER TO SPECIFICATION SECTION 260923 - LIGHTING CONTROL SYSTEMS FOR MORE INFORMATION.
- NOTES:
-

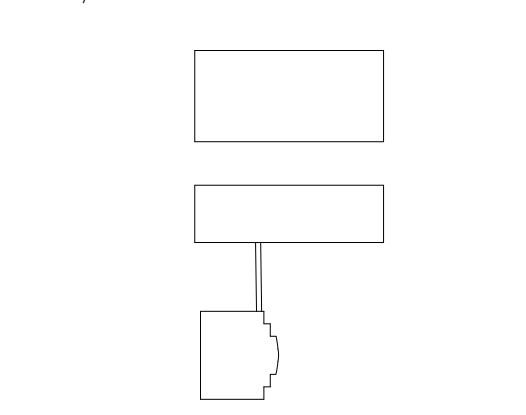


1 LIGHTING CONTROL STATION CONFIGURATION DETAIL
NOT TO SCALE

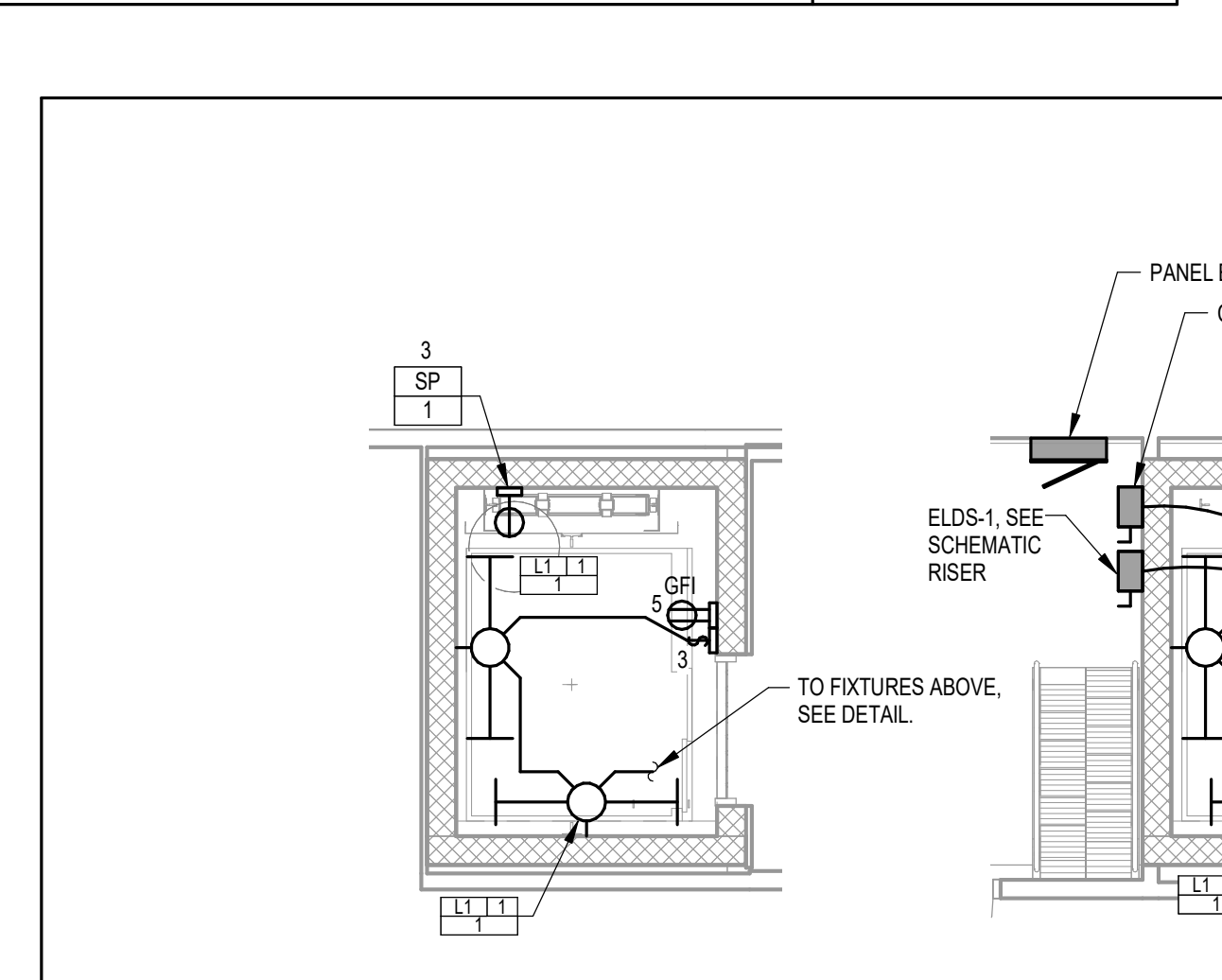
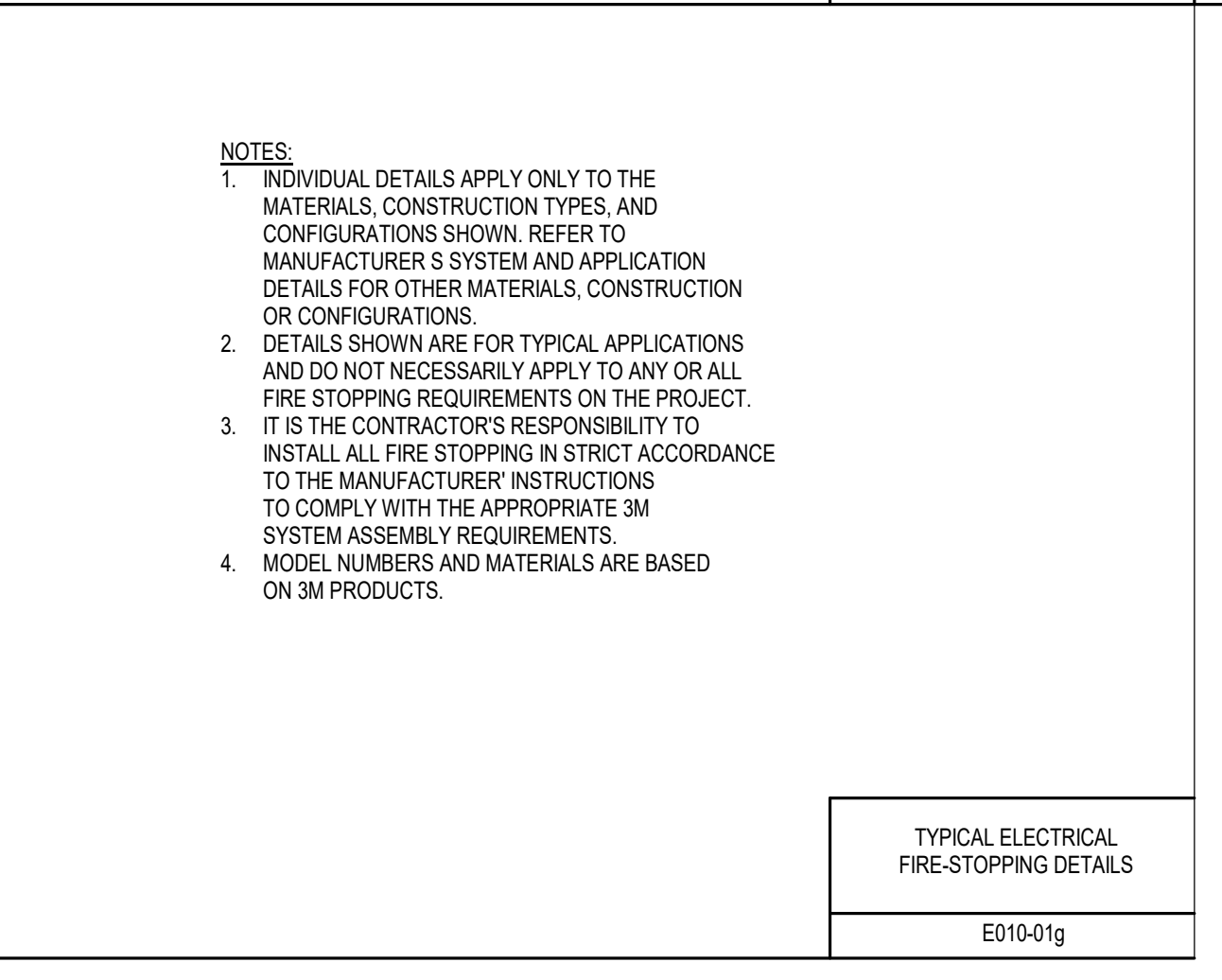
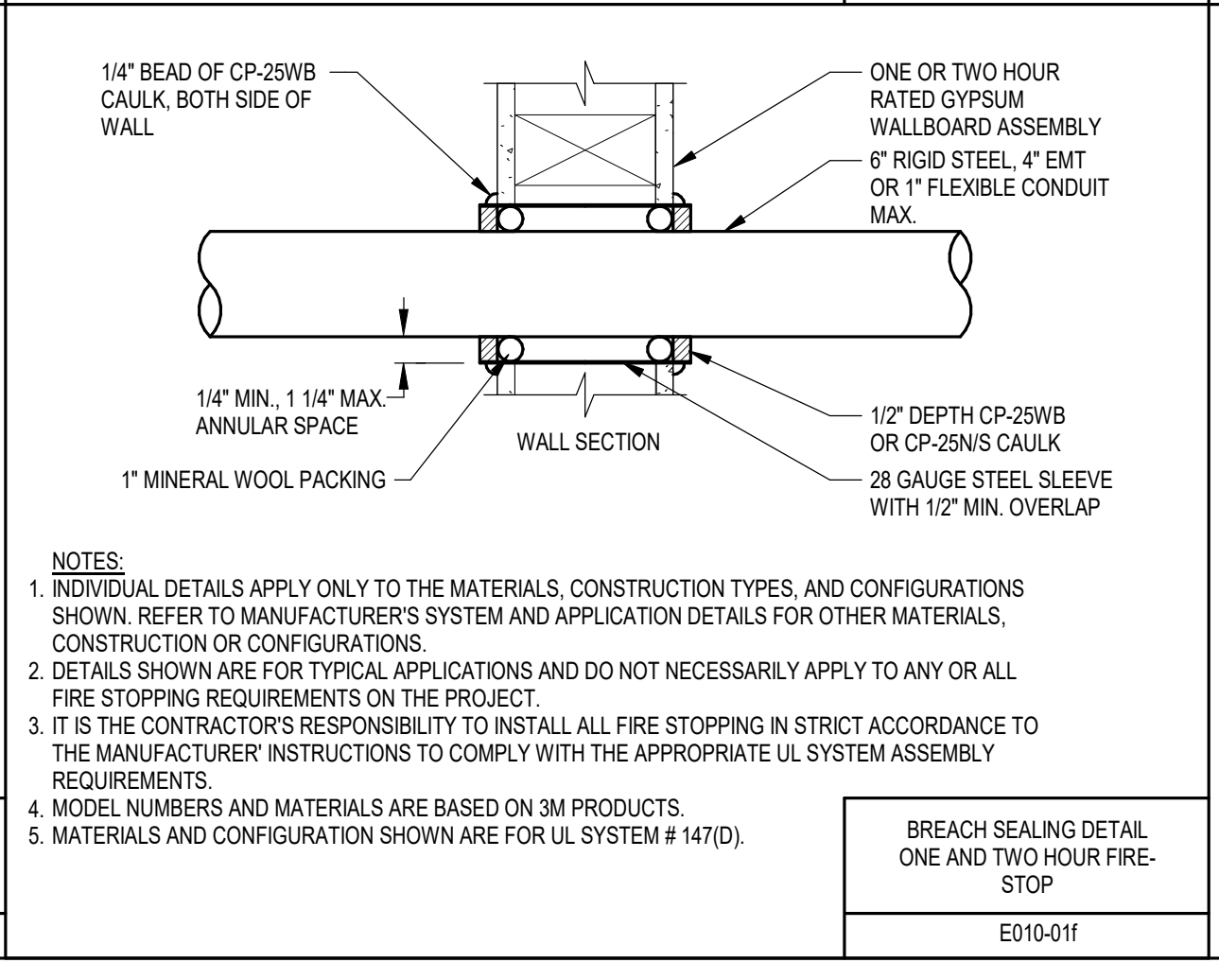
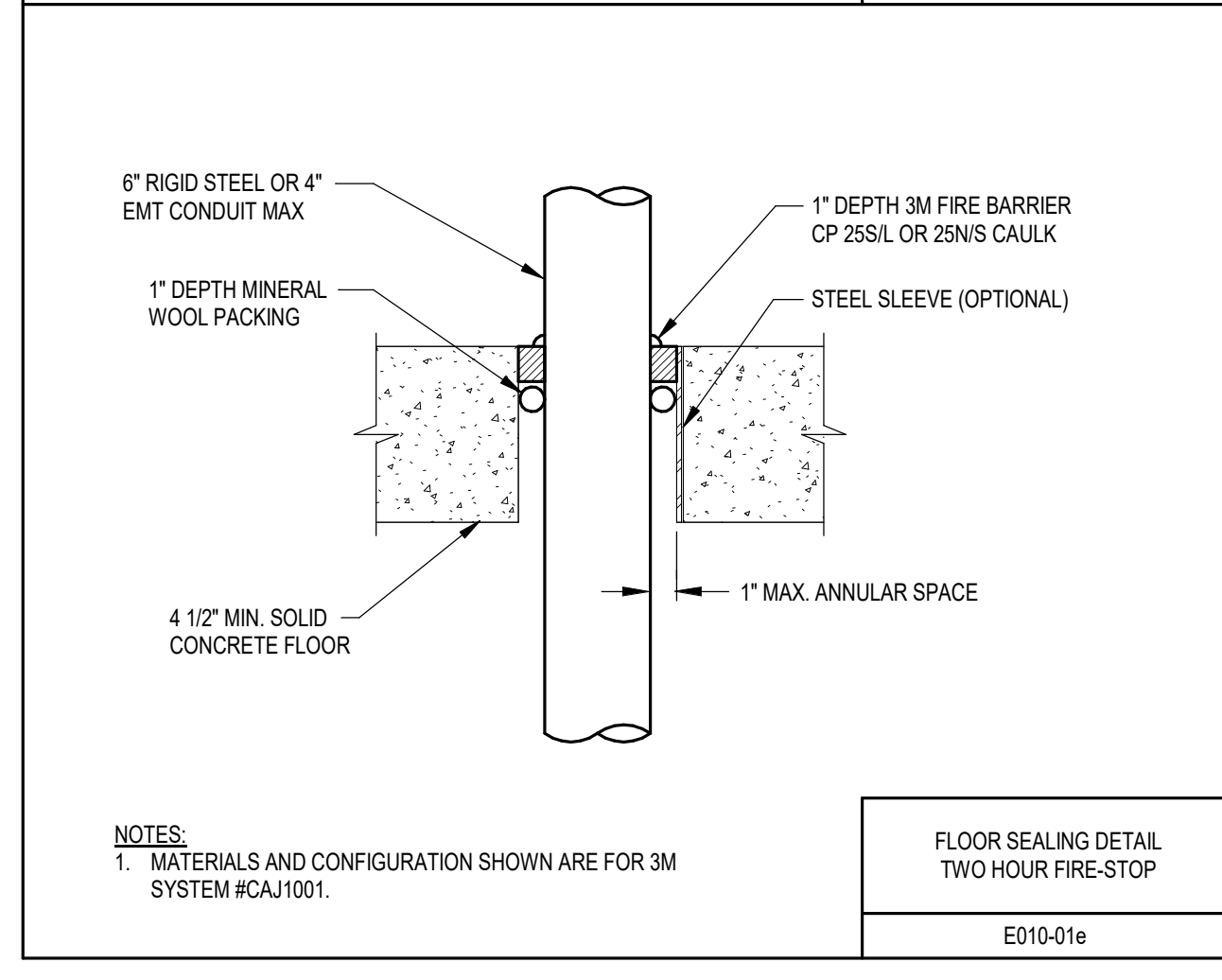
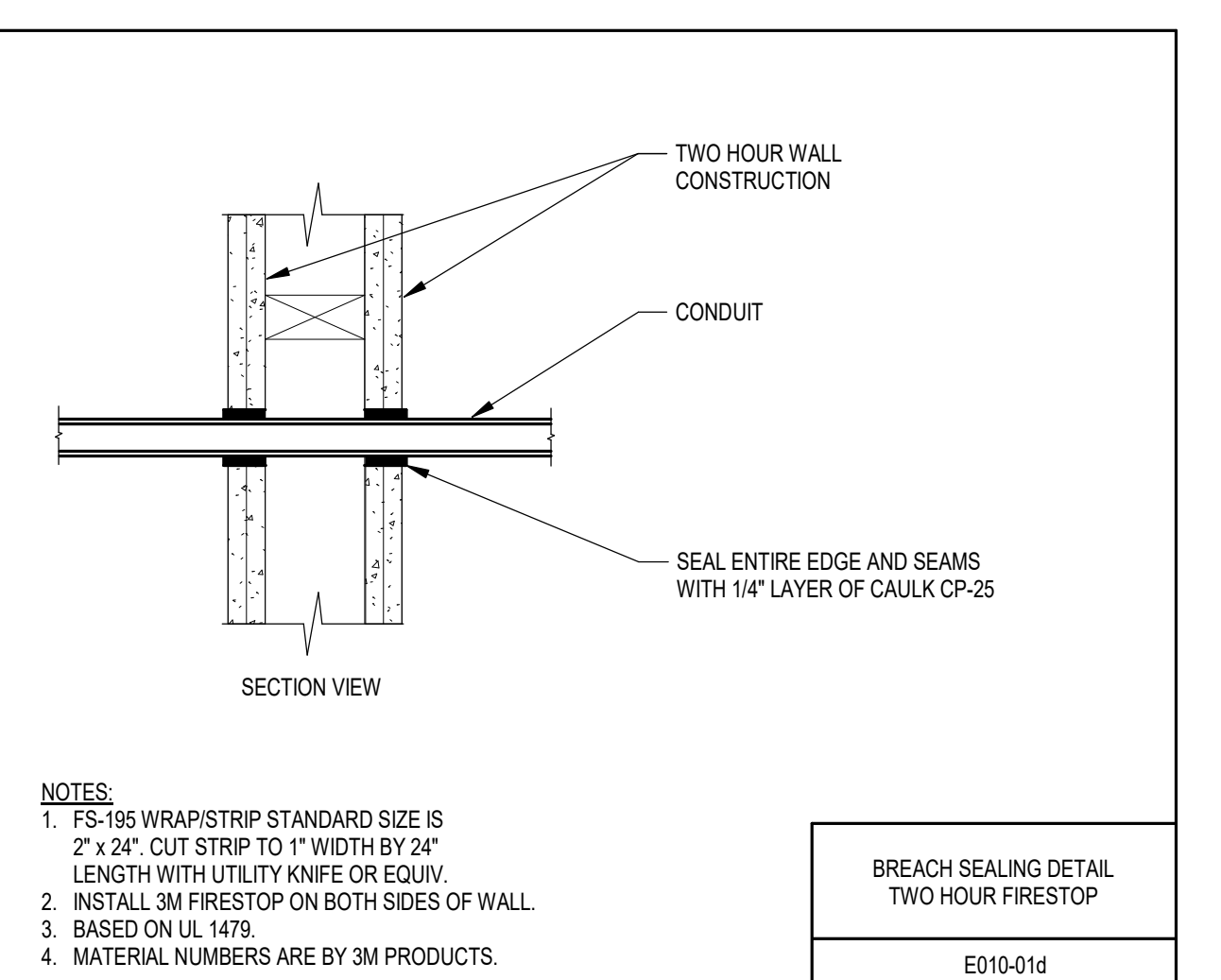
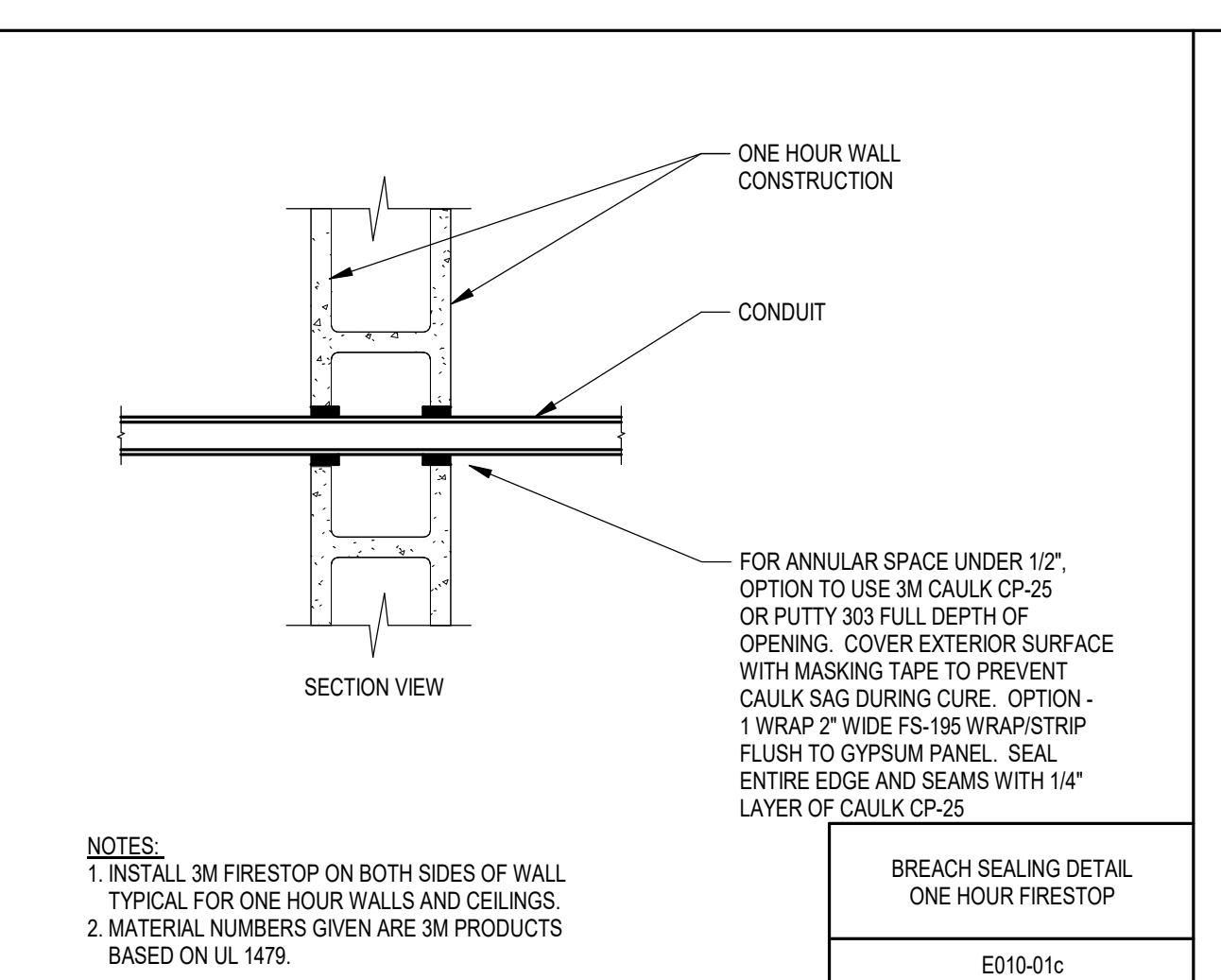
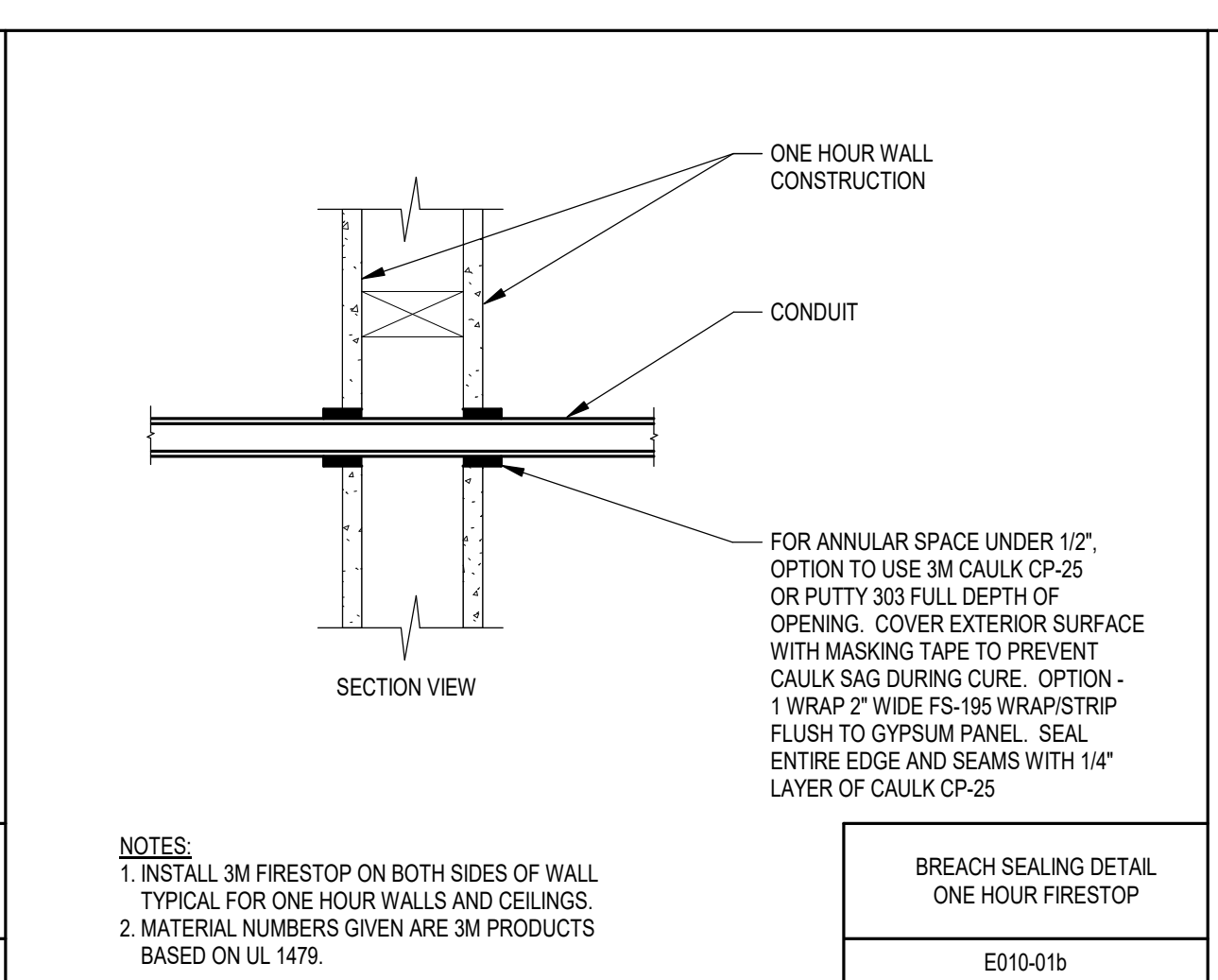
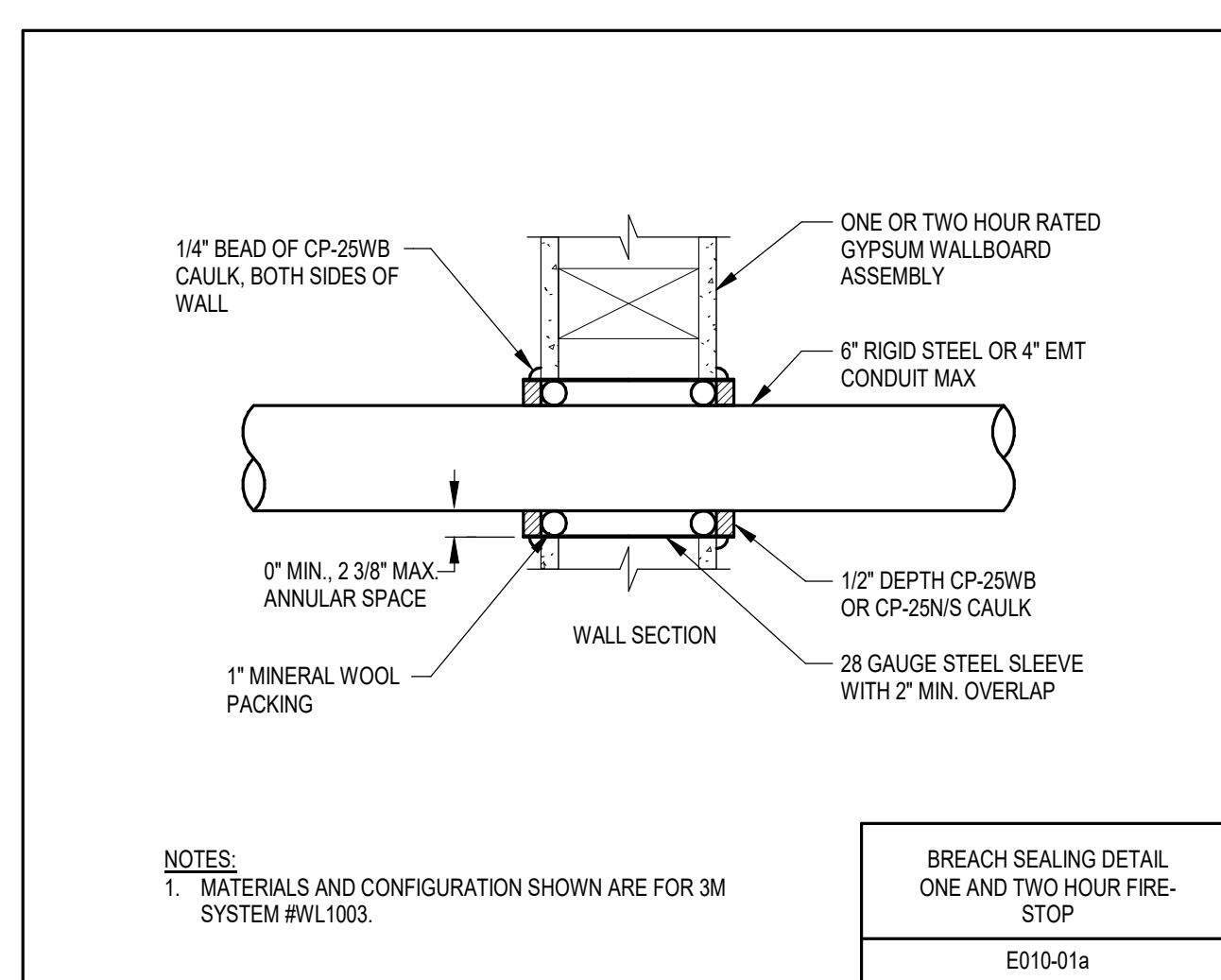
LIGHTING CONTROL DEVICE STANDARD NOTES

- PROVIDE LIGHTING CONTROL STATION WITH CONTROL BUTTONS NOTED.
- PROVIDE ENGRAVING/SCREEN PRINTING AS NOTED.

Key Plan:



Revision Description Date



PANEL SCHEDULE: ELEV-ADM

LOCATION: MECH ACCESS 232
MOUNTING: SURFACE
ENCLOSURE: Type 1

VOLTAGE: 208/120V
PHASES: 3
WIRES: 4

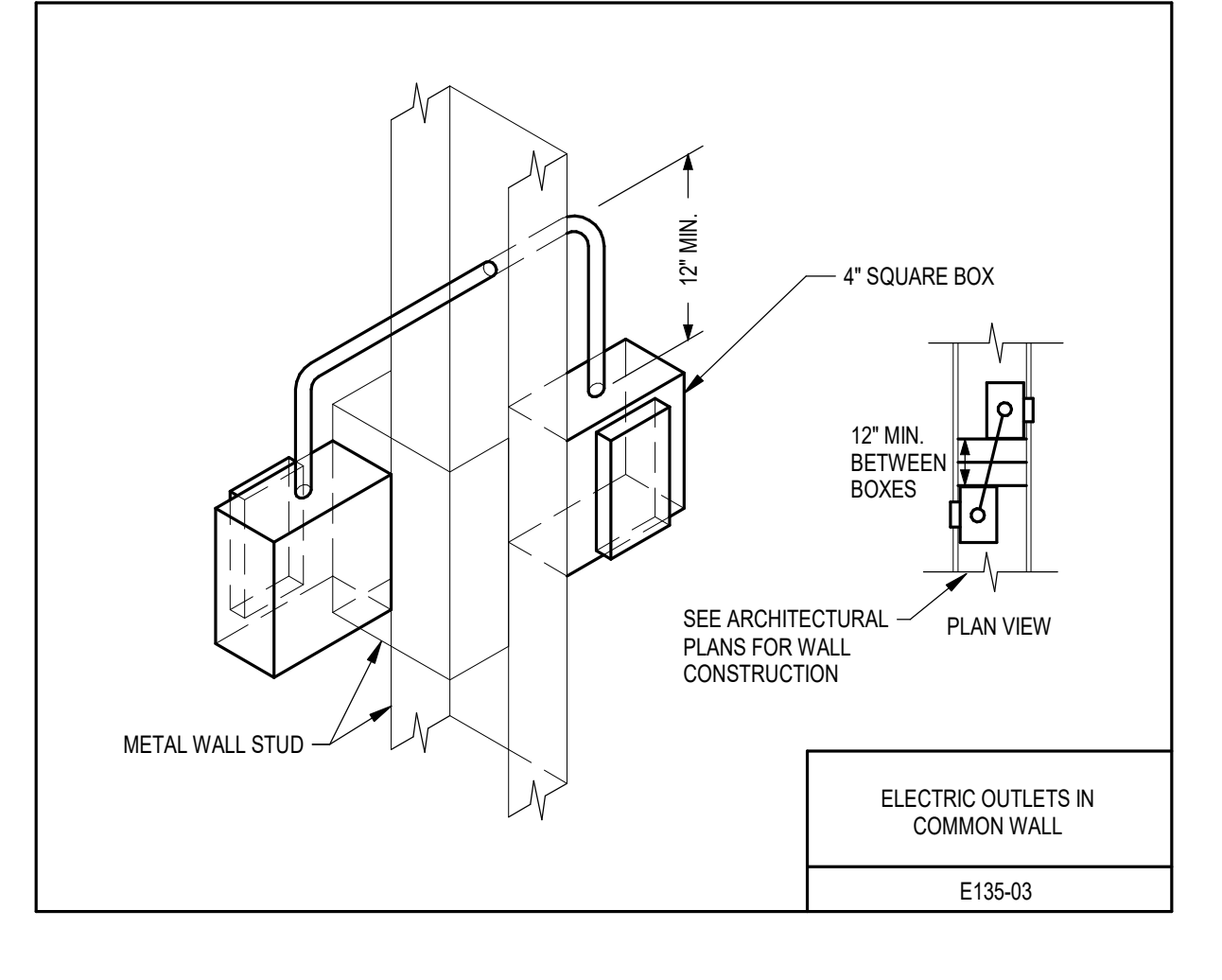
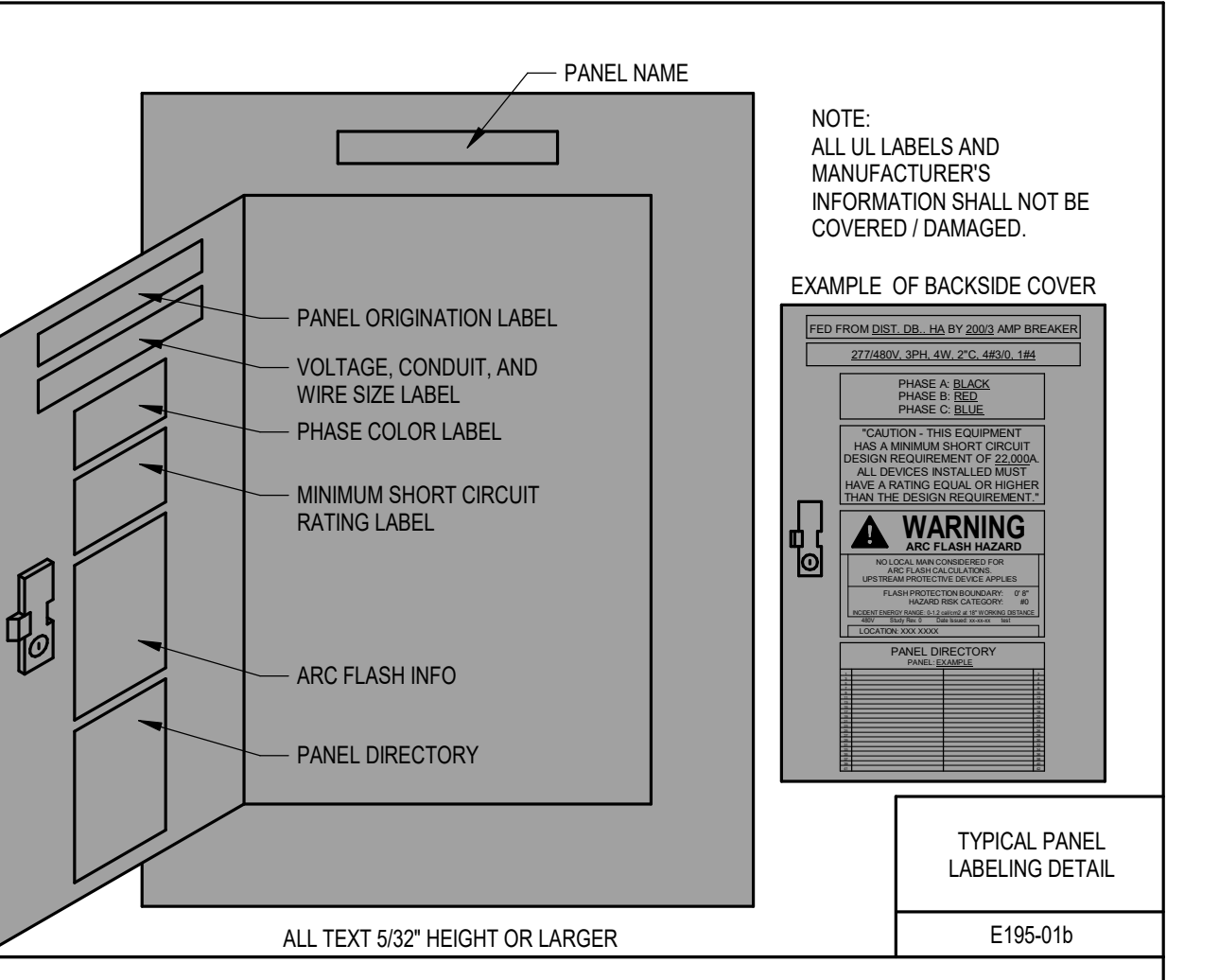
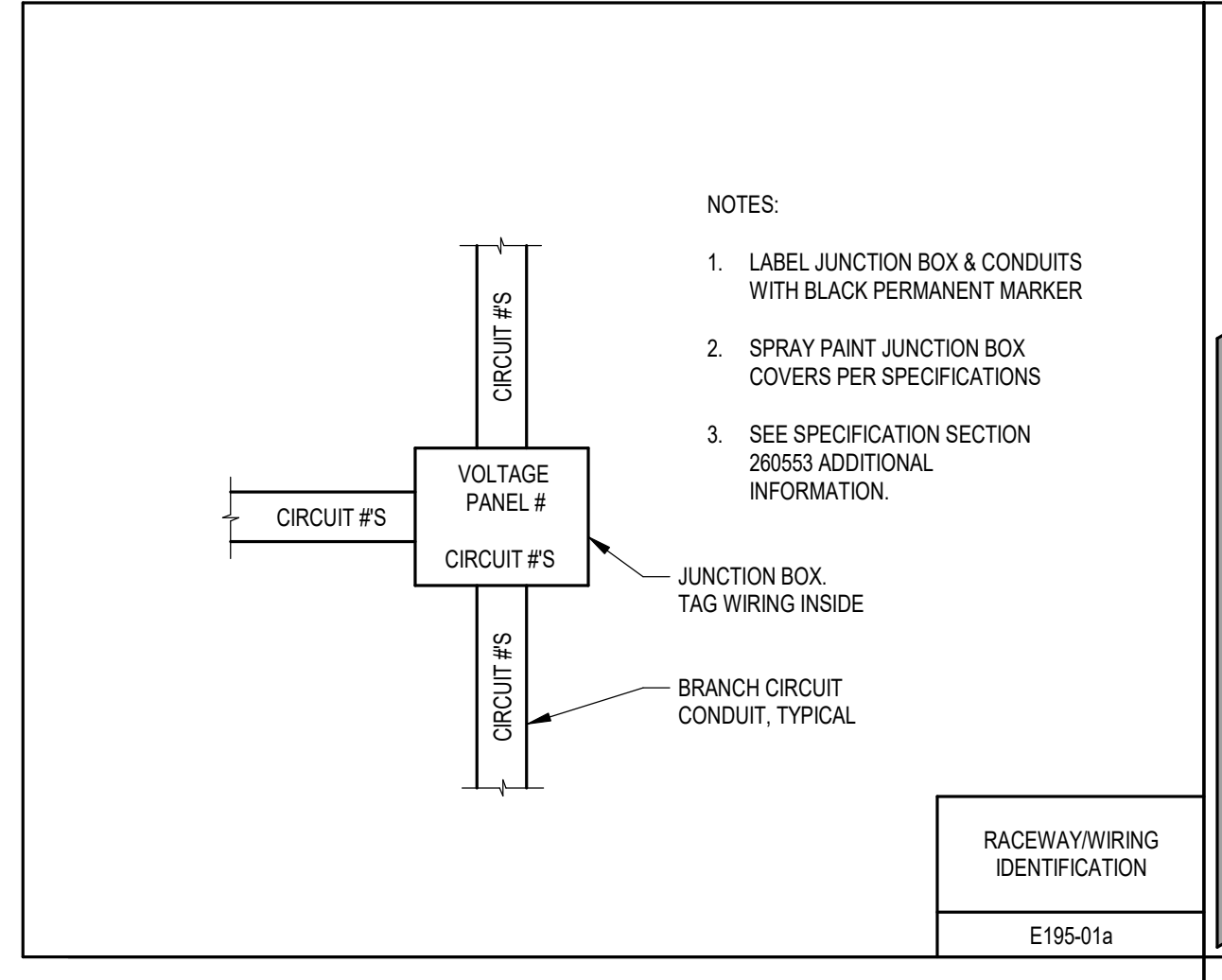
A.I.C. RATING: 22,000
MINS TYPE: IAL0
MINS RATING: 125 A

TOTAL LOAD: 24486 VA

CKT NO.	BK	A	P	Description	LOAD V.A.	LOAD V.A.	Description	P	BK	A	CKT NO.
1	20	1	L	ELEVATOR SHAFT LGT	120	--	SPARE	1	20	2	2
3	20	1	R	SP-1	1176	--	SPARE	1	20	4	4
5	20	1	R	ELEVATOR SHAFT CONVENIENCE RECEPITS	720	--	SPARE	1	20	6	6
7	20	1	L	ELEVATOR CAB LGT	150	--	SPARE	1	20	8	8
9	20	1	L	SPARE	--	--	SPARE	1	20	10	10
11	20	1	L	SPARE	--	--	SPARE	1	--	--	12
13	20	1	L	SPARE	--	--	SPARE	1	--	--	14
15	--	1	SP	SPACE	--	22320	ELEVATOR	M	3	90	16,18,20
17	--	1	SP	SPACE	--	--	--	--	--	--	--
19	--	1	SP	SPACE	--	--	--	--	--	--	--

*HL = HANDLE LOCK *GFI = GROUND FAULT INTERRUPTER *AFI = ARC FAULT INTERRUPTER *ST = SHUNT TRIP

NOTES:
1. BACK FEED MAIN BREAKER

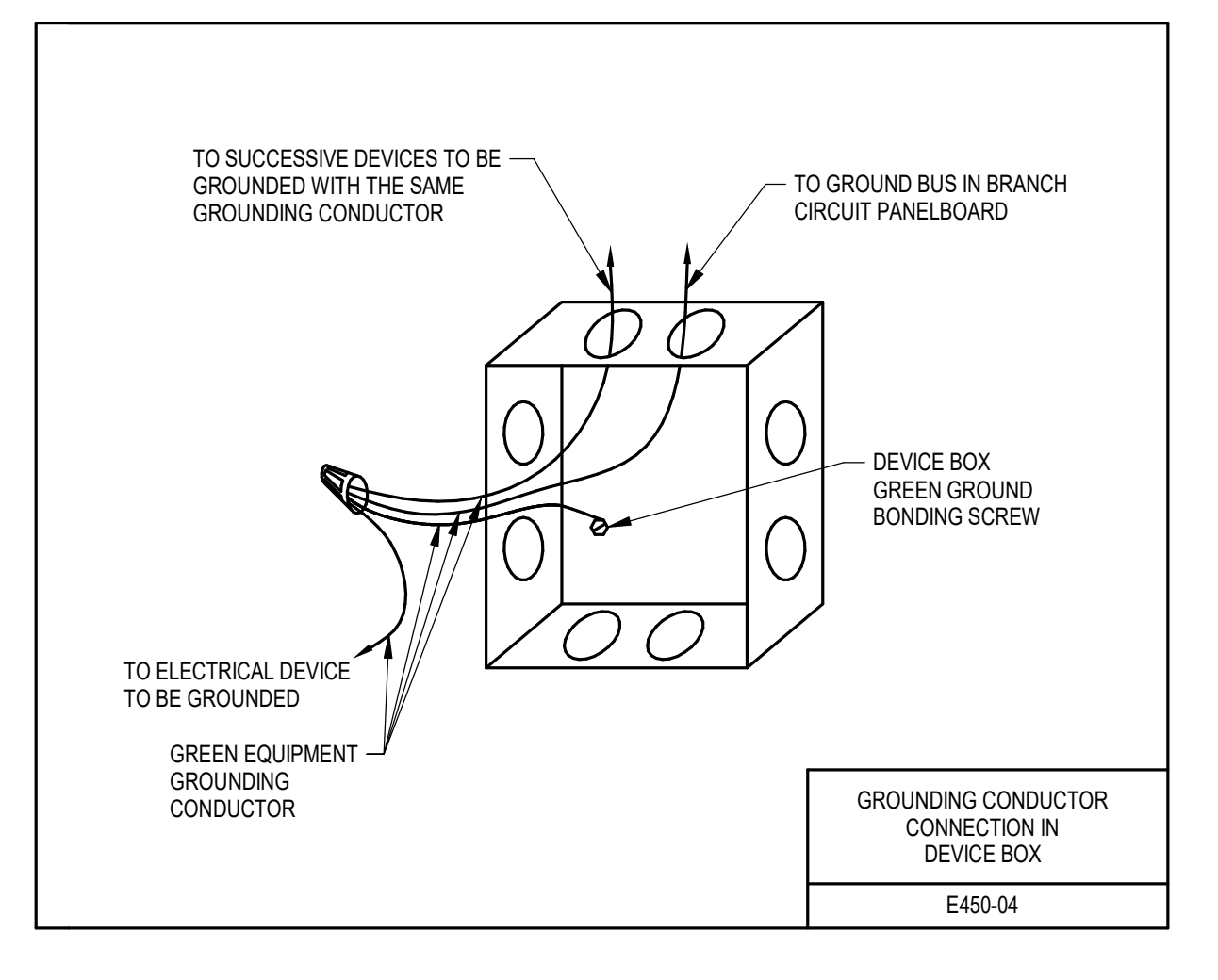
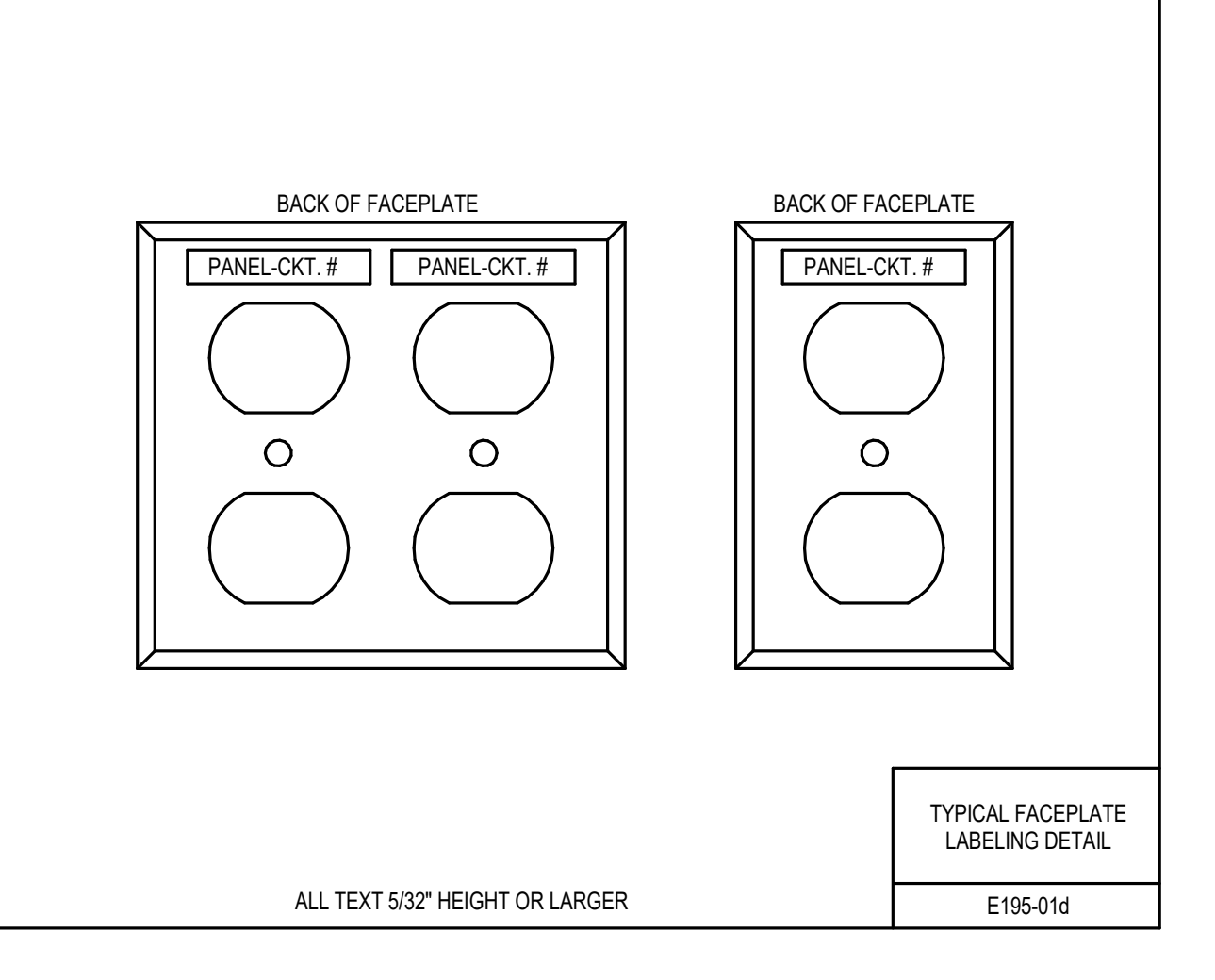
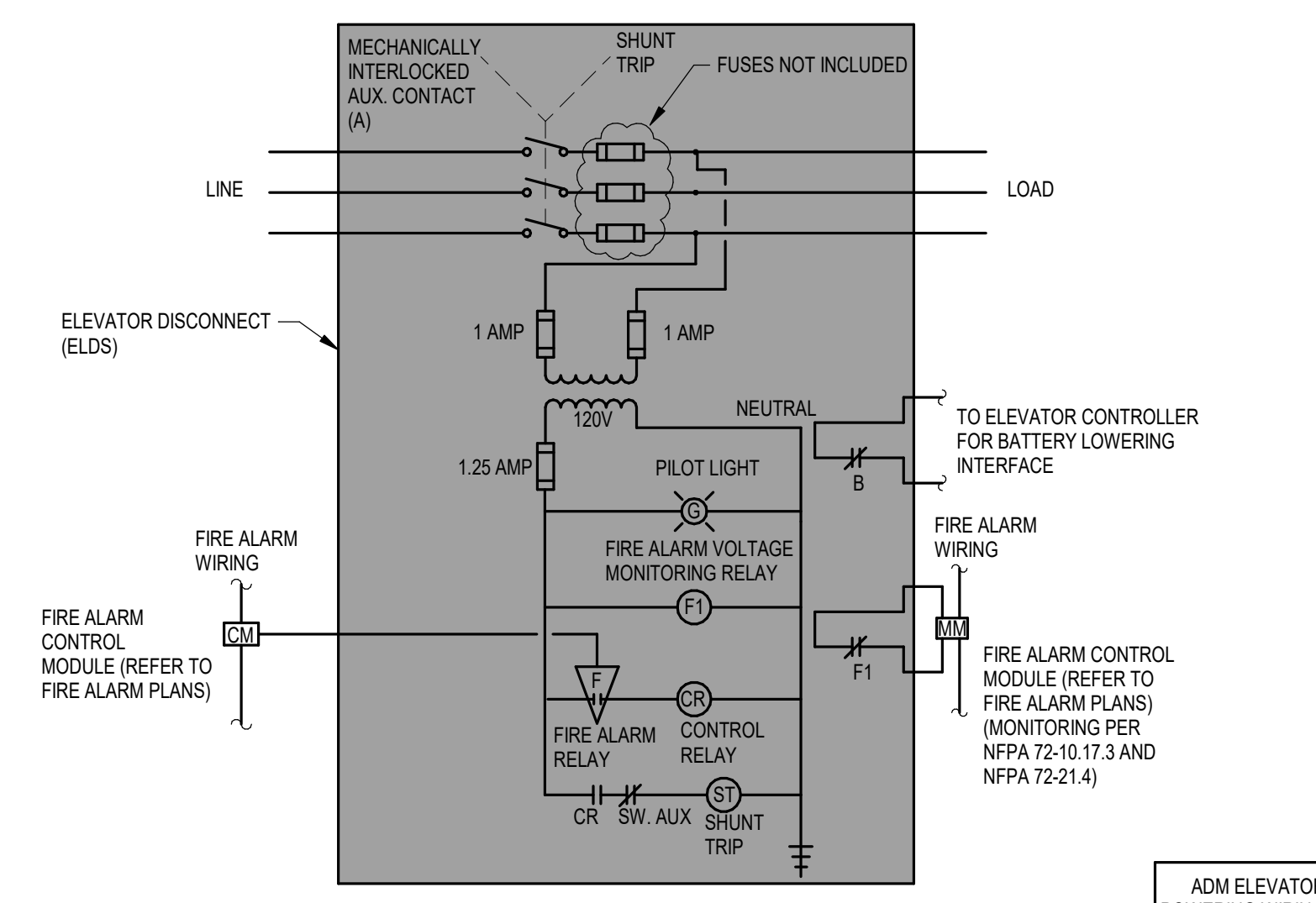


ELEVATOR LIGHT FIXTURE SCHEDULE

PLAN MARK	MANUFACTURERS AND MODEL NUMBERS	DESCRIPTION	LAMPS IN FIXTURE	DRIVER	INPUT WATTS	VOLTS	FIXTURE MOUNTING	NOTES
L1	Williams 96-4 L40 840 HAFR DRV 120	4' Gasketed Strip	LED	1	30	120	Surface	
L2	Williams 79R 1.50 840 L38 DRV 120 WG-75S	4' STRIP W/ WIREGUARD	LED	1	32	120	Surface	

ELEVATOR DISCONNECT SCHEDULE ELECTRICAL CHARACTERISTICS

PLAN MARK	VOLTS	SYSTEM	SIZE AMPS	FUSED AMPS	NEMA TYPE	MTG.	MODEL NO.
ELDS-1	208/3	3PH, 3W	100A	20	1	S	BUSSMAN LITTLE FUSE PSXTOXRG18F1MERSENEYAON
LDS-1	120/1	1PH, 3W	30	20	1	S	SQUARE D H221N



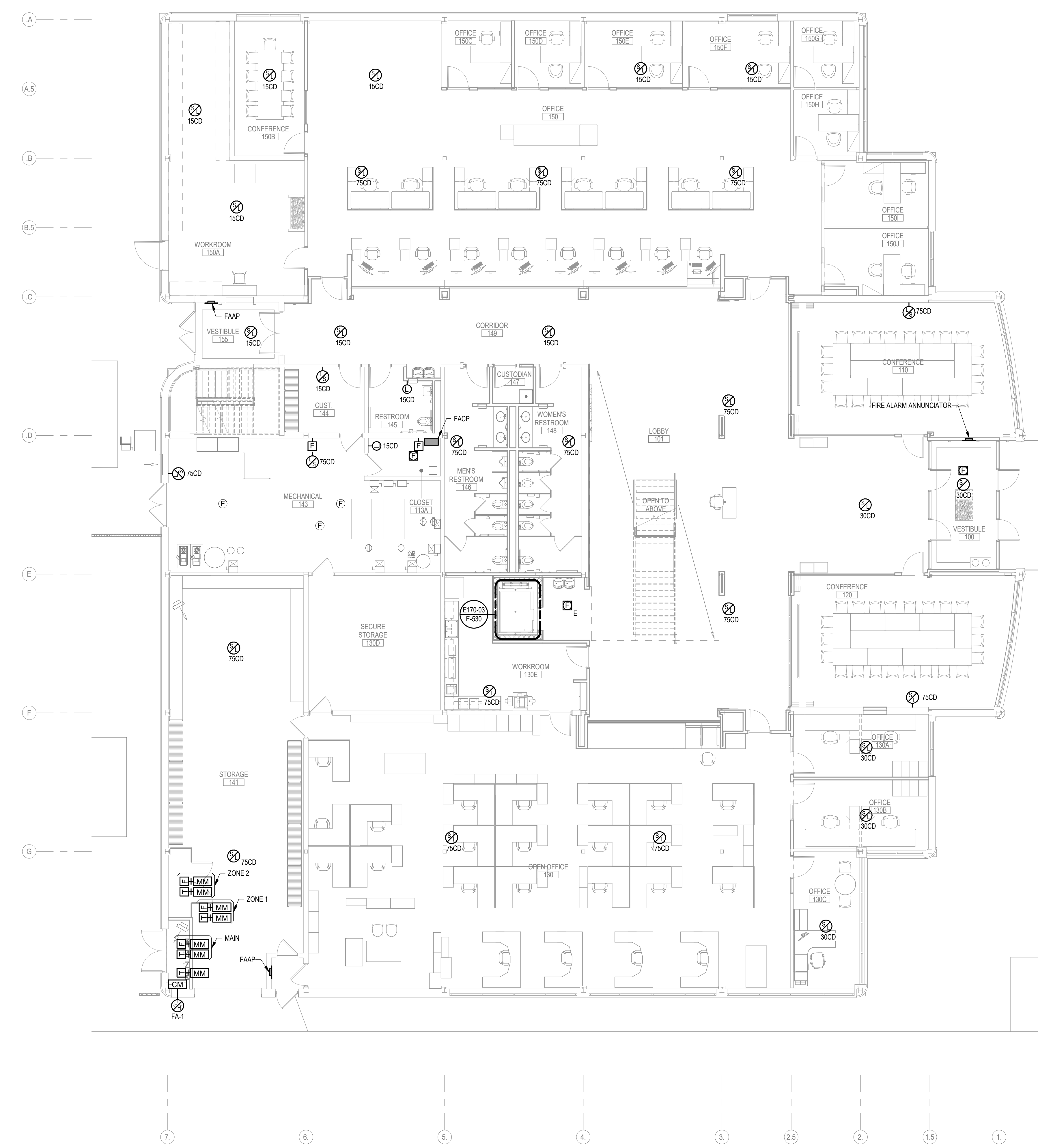
ELEVATOR ELECTRICAL NOTES

- ELEVATOR INSTALLATION SHALL BE IN COMPLIANCE WITH NFPA 70, ARTICLE 650, ASME A17.1, AND STATE AND LOCAL ELEVATOR CODES AND ORDINANCES.
- COORDINATE INSTALLATION WITH DIVISION 14 CONTRACTOR. COORDINATE ALL INSTALLATION DETAILS INCLUDING DEVICE PLACEMENT, TEMPORARY POWER REQUIREMENTS, AND CLEARANCE REQUIREMENTS. DIVISION 36 CONTRACTOR SHALL REVIEW ELEVATOR SUBMITTAL PRIOR TO ROUGH-INS.
- NO EQUIPMENT (PIPE, CONDUIT, ETC.) NOT DIRECTLY RELATED TO ELEVATORS IS ALLOWED IN ELEVATOR HOISTWAYS OR MACHINE ROOMSPACES.
- ALL WIRING WITHIN THE ELEVATOR MACHINE ROOM SHALL BE IN CONDUIT INCLUDING LOW-VOLTAGE SIGNAL AND COMMUNICATIONS WIRING.
- EACH DISCONNECT SWITCH SHALL BE LOCATED WHERE READILY ACCESSIBLE TO QUALIFIED PERSONS, PREFERABLY ON THE LATCH SIDE OF THE DOOR.
- EACH DISCONNECT SWITCH LOCATED IN THE MACHINE ROOM SHALL BE PROVIDED WITH PROPER CLEARANCES IN COMPLIANCE WITH NEC ARTICLE 110. CONTRACTOR SHALL COORDINATE SWITCH LOCATIONS WITH OTHER TRADES INCLUDING THE ELEVATOR EQUIPMENT INSTALLER TO ENSURE REQUIRED CLEARANCES ARE MAINTAINED AFTER ALL EQUIPMENT IS INSTALLED.
- EACH DISCONNECT SHALL BE LABELED IDENTIFYING ITEM (SERIES, CAB LIGHTS, CAB WATER, ELEVATOR POWER, ETC.). LOCATIONS OF POWER SOURCE, AND THE ELEVATOR IT SERVES IF MORE THAN ONE ELEVATOR.
- PROVIDE CONTROL WIRING BETWEEN THE AUXILIARY CONTACT IN THE ELEVATOR MAIN POWER DISCONNECT SWITCH (ELDS) AND THE ELEVATOR CONTROLLER TO SIGNAL THE ELEVATOR CONTROLLER WHEN POWER HAS BEEN INTENTIONALLY INTERRUPTED.
- ALL CONTROL WIRES BROUGHT TO THE ELEVATOR CONTROLLER SHALL BE CLEARLY AND PERMANENTLY MARKED AS TO THEIR FUNCTION (AT POSITION, AT'S PRE TRANSFER, ETC.). CONTROL WIRING SHALL BE TERMINATED IN THE ELEVATOR CONTROLLER BY THE ELEVATOR EQUIPMENT VENDOR. CONTROL WIRING SHALL BE TAGGED 800 VOLT WIRE IN CONDUIT. LOW VOLTAGE CONTROL WIRING SHALL NOT BE INSTALLED IN THE SAME CONDUIT AS LINE VOLTAGE WIRING.
- ALL ELECTRICAL EQUIPMENT LOCATED LESS THAN 4' ABOVE THE PIT FLOOR SHALL BE NEMA 4.
- ELEVATOR PIT PUMP SWITCHES SHALL BE LABELED 'ELEVATOR PIT PUMP PUMP' WITH AN ENGRAVED NAMEPLATE.

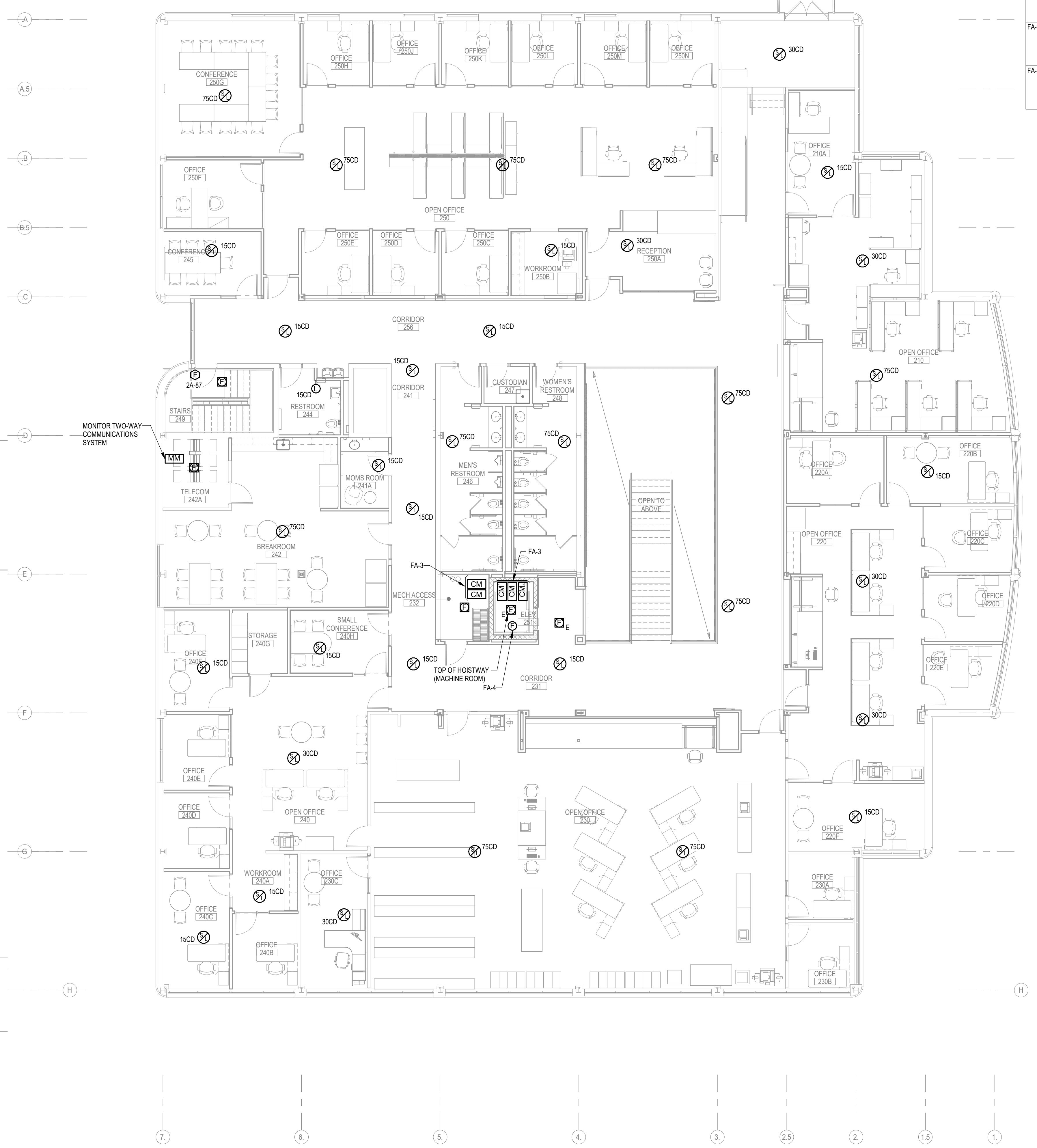
ELEVATOR ELECTRICAL NOTES

- LIGHT FIXTURE IN THE PIT SHALL BE INSTALLED BELOW THE BOTTOM LEVEL OF THE CAR IN ITS LOWEST POSITION.
- ALL LIGHT FIXTURES IN THE SHAFT SHALL BE CONTROLLED VIA TWO THREE WAY SWITCHES, ONE LOCATED AT THE LOWEST ENTRY POINT AND THE OTHER AT THE HIGHEST ENTRY POINT.
- THIS DETAIL ONLY SHOWS THREE STOPS IN THE ELEVATOR SHAFT. IF THE SHAFT IS MORE OR LESS THAN THREE, CONTRACTOR SHALL PROVIDE A TYPE L FIXTURE AT EACH LANDING AS SHOWN.

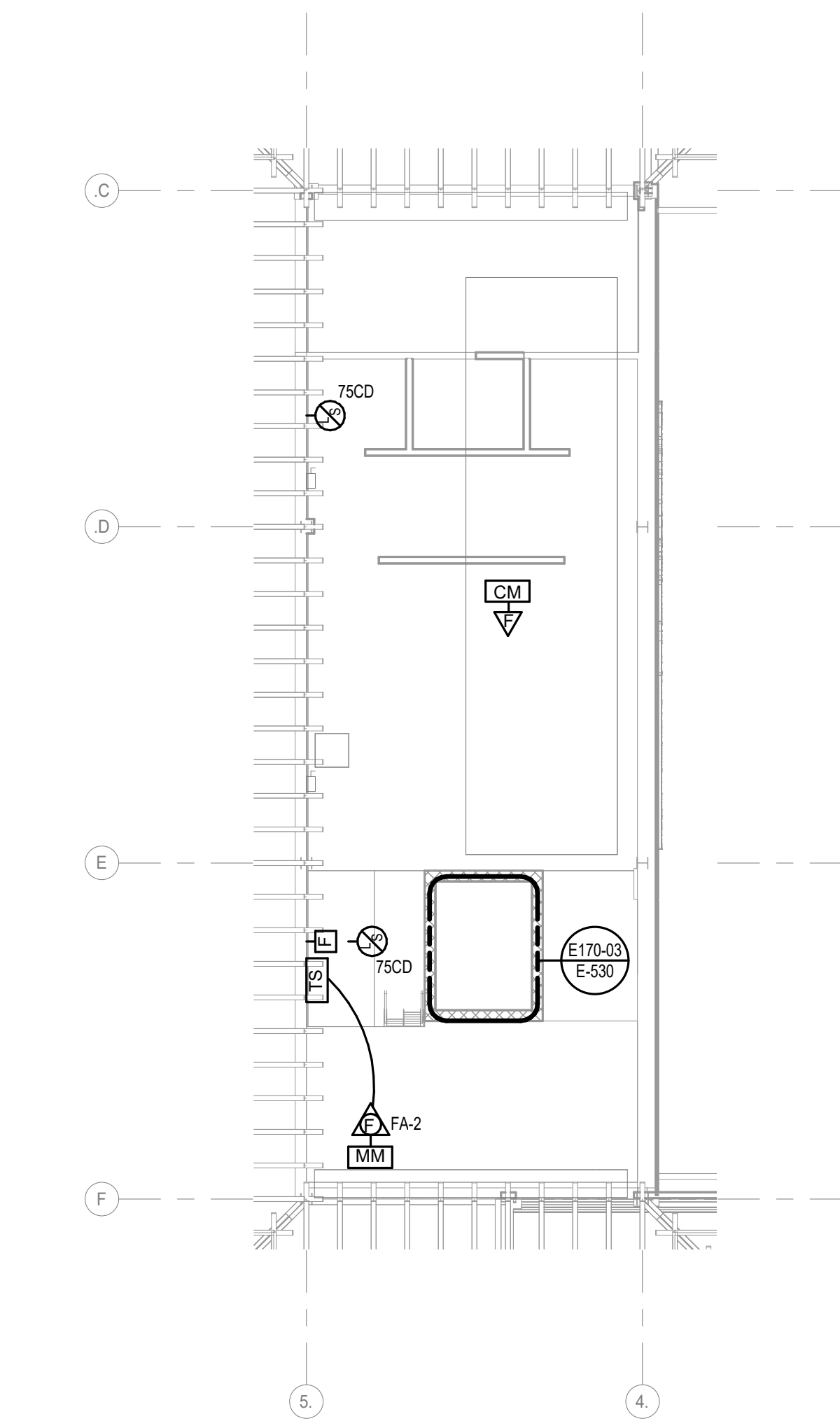
- KEYED NOTES**
- FA-1 24VDC DEVICE PROVIDED BY DIVISION 28. DEVICE TO ALARM ON WATER FLOW ONLY.
 - FA-2 DUCT MOUNTED SMOKE DETECTOR TO REPLACE EXISTING DUCT MOUNTED SMOKE DETECTOR IN RETURN AIR DUCT.
 - FA-3 CONTROL MODULES FOR ELEVATOR PRIMARY RECALL AND SECONDARY RECALL AND NOT FLASH COORDINATE EXACT REQUIREMENTS WITH ELEVATOR INSOR.
 - FA-4 LOCATE HEAT DETECTOR WITHIN 2' OF SPRINKLER HEAD. ACTIVATION OF HEAT DETECTOR SHALL INITIATE ELEVATOR RECALL AND TRIP THE SHUNT-TRIP DISCONNECT.



1 ADM - LEVEL 1 FIRE ALARM PLAN
1/8" = 1'-0"



2 ADM - LEVEL 2 FIRE ALARM PLAN
1/8" = 1'-0"

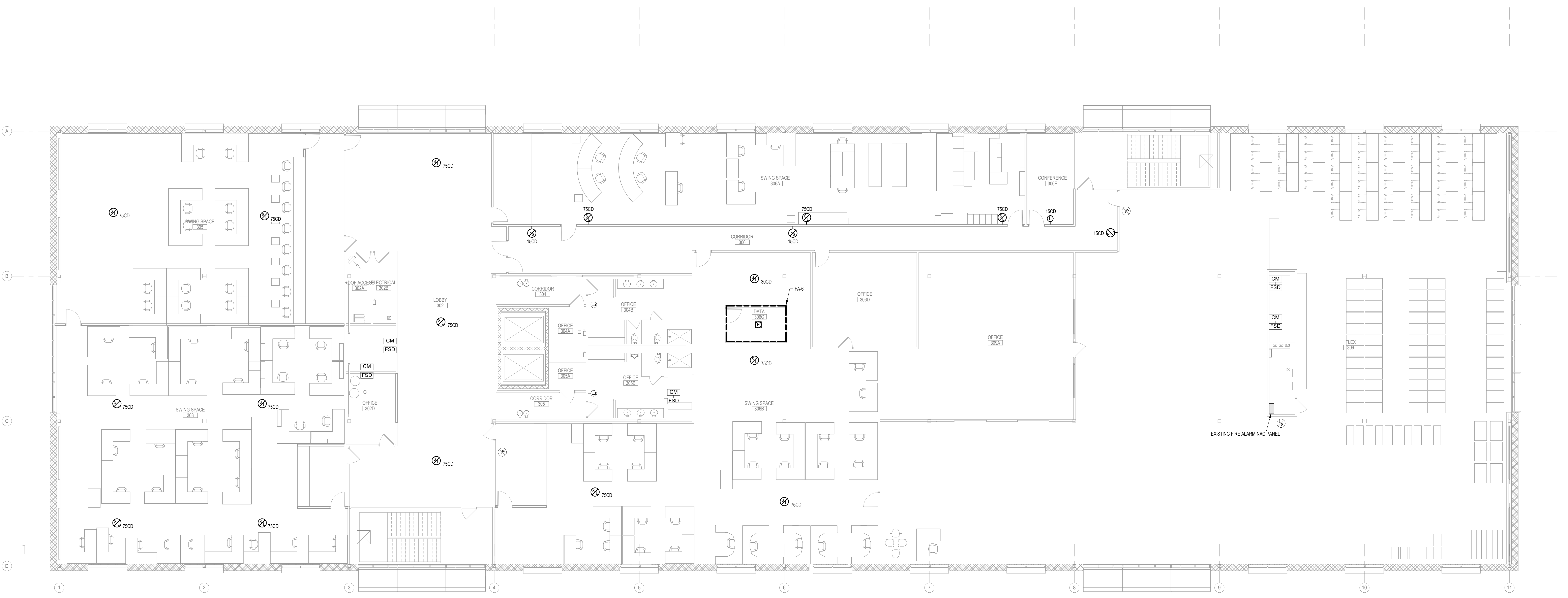


3 ADM - MECHANICAL MEZZANINE FIRE ALARM PLAN
1/8" = 1'-0"

- NEW WORK KEY**
- EXISTING
 - NEW / REVISED
 - EXISTING EQUIPMENT
 - NEW / REVISED EQUIPMENT

Revision Description Date

KEYED NOTES
FA-6 THIS SECTION TO RECEIVE PERMANENT FIRE ALARM.



2 HHS - LEVEL 3 FIRE ALARM PLAN - TEMPORARY
1/8" = 1'-0"



1 HHS - LEVEL 3 FIRE ALARM PLAN - PHASE 2
1/8" = 1'-0"

NEW WORK KEY

(Symbol)	EXISTING
(Symbol)	NEW / REVISED
(Symbol)	EXISTING EQUIPMENT
(Symbol)	NEW / REVISED EQUIPMENT

Key Plan

Revision

Revision	Description	Date

FIRE ALARM KEYED NOTES	
FA-1	[AVCD] DEVICE PROVIDED BY DIVISION 28. DEVICE TO ALARM ON WATER FLOW ONLY.
FA-2	DUCT MOUNTED SMOKE DETECTOR TO REPLACE EXISTING DUCT MOUNTED SMOKE DETECTOR IN RETURN AIR DUCT.
FA-3	CONTROL MODULES FOR ELEVATOR. PRIMARY RECALL, SECONDARY RECALL AND HAT FLASH COORDINATE EXACT REQUIREMENTS WITH ELEVATOR VENDOR.
FA-4	LOCATE HEAT DETECTOR WITHIN 2' OF SPRINKLER HEAD. ACTIVATION OF HEAT DETECTOR SHALL INITIATE ELEVATOR RECALL AND TRIP THE SHUNT-TRIP DISCONNECT.
FA-6	[THIS SECTION TO RECEIVE PERMANENT FIRE ALARM.]

GENERAL FIRE ALARM NOTES:

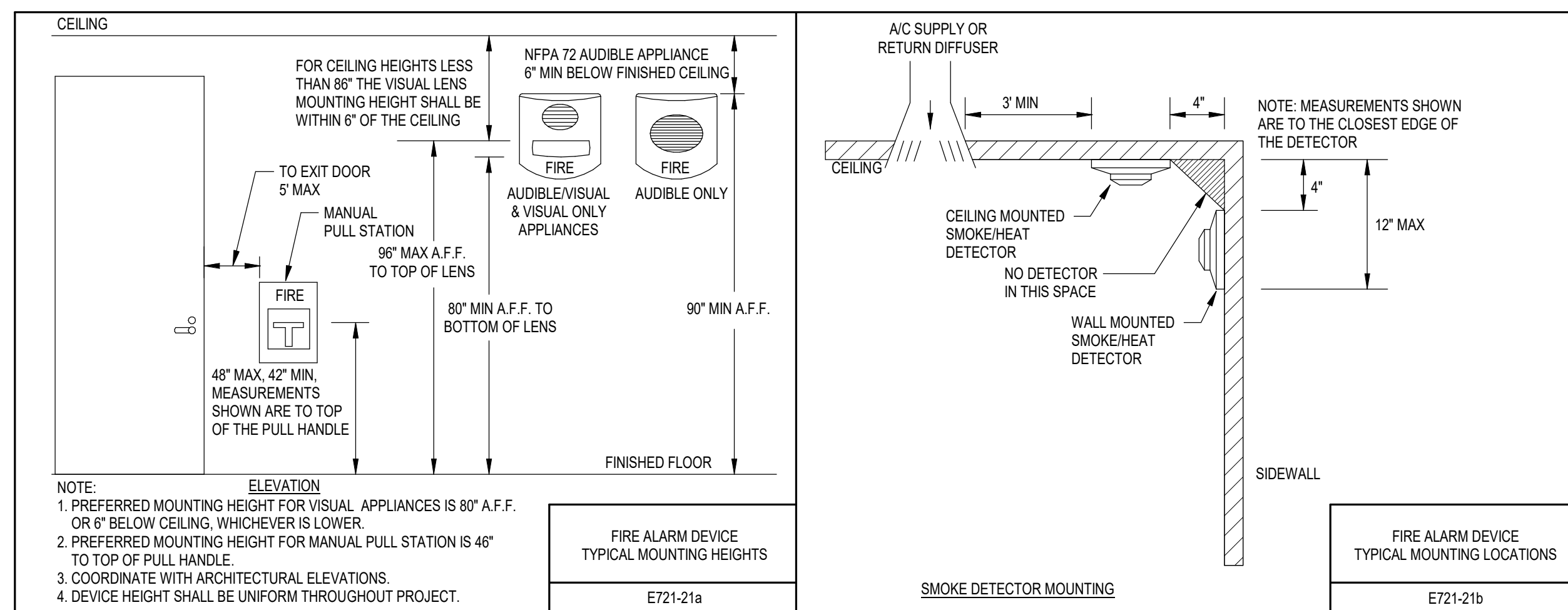
1. SYSTEM BASED ON SIMPLEX.
2. PROVIDE ALL PROGRAMMING FOR A COMPLETE AND OPERATIONAL SYSTEM. VERIFY ALL ROOM NUMBERS AND NAMES WITH OWNER PRIOR TO PROGRAMMING.
3. INSTALL ALL SURFACE MOUNT FIRE ALARM DEVICES WITH WIREMOLD V700 SERIES.
4. PROVIDE FIRE ALARM DOCUMENTATION CABINET IN ACCORDANCE WITH NFPA 72-2013 7.7. CABINET TO BE LABELED "SYSTEM RECORD DOCUMENTS". SPACE AGE SYSTEMS SRD ACE-11 OR EQUAL. ALL SYSTEM DOCUMENTATION IS TO BE IN CABINET PRIOR TO SYSTEM ACCEPTANCE.

FIRE ALARM SYMBOLS

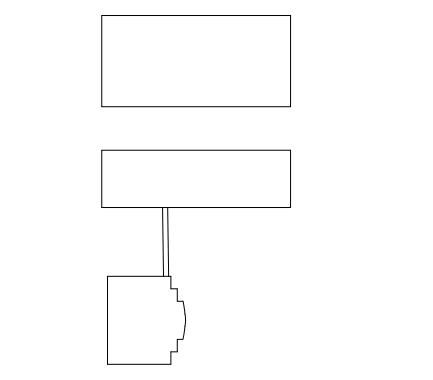
(NOTE: ALL SYMBOLS SHOWN MAY NOT BE REQUIRED FOR THIS PROJECT)

*** FIRE ALARM SYSTEM ***

- [] MANUAL PULL STATION 48" ABOVE FLOOR
- [] SMOKE DETECTOR - CEILING MOUNTED
E - ELEVATOR
S - CARBON MONOXIDE
- [] SMOKE DETECTOR - WALL MOUNTED
E - ELEVATOR
S - CARBON MONOXIDE
- [] THERMAL DETECTOR, RATE OF RISE TYPE
- [] THERMAL DETECTOR, RATE OF RISE TYPE - WALL MOUNTED
- [] SMOKE DETECTOR IN DUCT
- [] VISUAL / AUDIO NOTIFICATION DEVICE
E - ELEVATOR
S - CARBON MONOXIDE
S - SPEAKER
MFC - CANDELA VALUE
- [] VISUAL / AUDIO NOTIFICATION DEVICE - WALL MOUNTED
M ABOVE FLOOR OR AS NOTED
E - ELEVATOR
S - CARBON MONOXIDE
S - SPEAKER
MFC - CANDELA VALUE
- [] VISUAL NOTIFICATION LIGHT - CEILING MOUNTED
MFC - CANDELA VALUE
- [] VISUAL NOTIFICATION LIGHT - WALL MOUNTED
M ABOVE FLOOR OR AS NOTED
MFC - CANDELA VALUE
- [] AUDIO NOTIFICATION DEVICE - CEILING MOUNTED
E - BELL
S - SIREN
S - SPEAKER
- [] AUDIO NOTIFICATION DEVICE - WALL MOUNTED
M ABOVE FLOOR OR AS NOTED
E - BELL
S - SIREN
S - SPEAKER
- [] ELECTROMAGNETIC DOOR HOLDER - CEILING OR FLOOR MOUNTED
- [] ELECTROMAGNETIC DOOR HOLDER - WALL MOUNTED
- [] SPRINKLER ALARM FLOW SWITCH
- [] SPRINKLER ALARM TAMPER SWITCH
- [] MONITOR MODULE
- [] CONTROL MODULE
- [] TEST SWITCH
- [] FAN SHUT-DOWN OR CONTROL RELAY
- [] SMOKE OR FIRE/SMOKE DAMPER CONNECTION
- [] SMOKE DAMPER CONNECTION
- [] DAMPER INDICATING LIGHT - CEILING MOUNTED
- [] DAMPER INDICATING LIGHT - WALL MOUNTED
- [] FIRE ALARM VOICE PHONE JACK
- [] EQUIPMENT CONNECTION
- [] EQUIPMENT CONNECTION - WALL MOUNTED
- [] FIRE ALARM CONTROL PANEL - RECESSED
- [] FIRE ALARM CONTROL PANEL - SURFACE
- [] ANY WIRING DEVICE WITH THIS SYMBOL INDICATES SURFACE MOUNTED OUTLET BOX



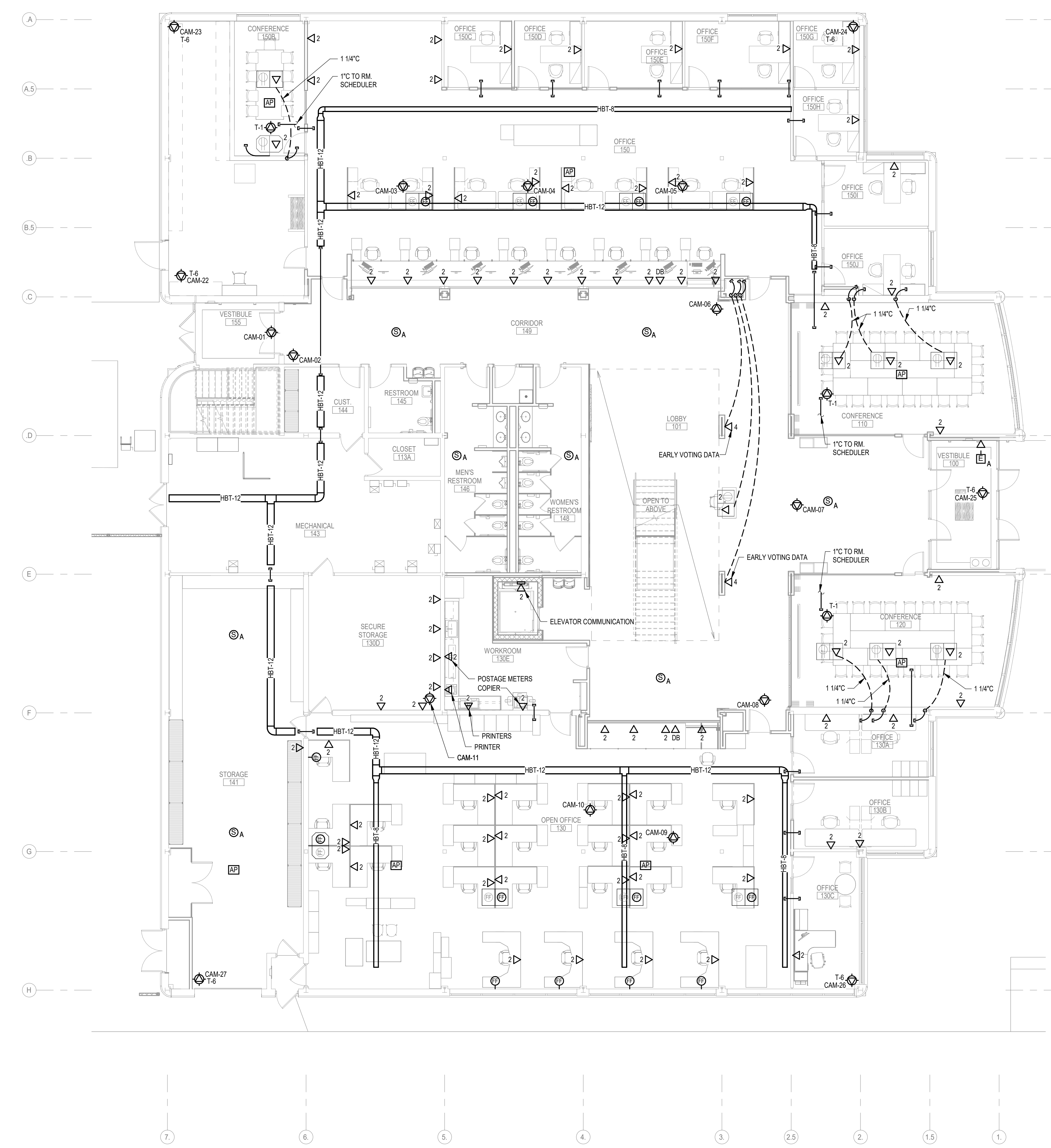
Key Plan



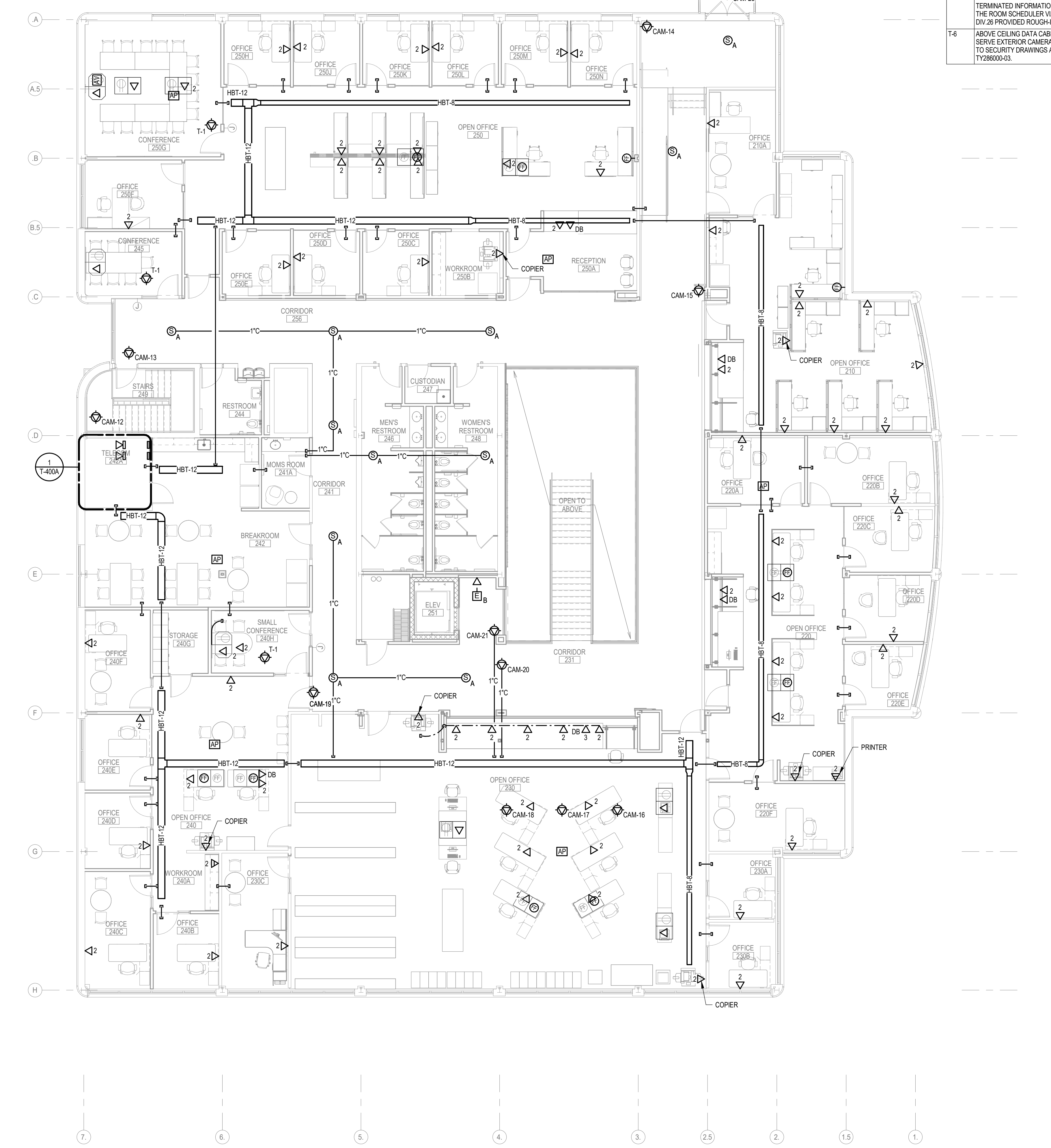
KEYED NOTES

T-1 ABOVE CEILING INFORMATION JACK SCHEDULER REST NOTED ON THE TA SHEETS. THE PATCH CABLE SHALL EXTEND FROM THE TERMINATED INFORMATION JACK TO THE ROOM SCHEDULER VIA THE DIV 28 PROVIDED ROUGH-IN.

T-6 ABOVE CEILING DATA CABLE TO SERVE EXTERIOR CAMERA. REFER TO SECURITY DRAWINGS AND DETAIL TYPEDNOTES.



1 ADM - LEVEL 1 TECHNOLOGY PLAN
1/8" = 1'-0"



2 ADM - LEVEL 2 TECHNOLOGY PLAN
1/8" = 1'-0"

NEW WORK KEY

(Dashed line)	EXISTING
(Solid line)	NEW / REVISED
(Light gray fill)	EXISTING EQUIPMENT
(Dark gray fill)	NEW / REVISED EQUIPMENT

KEYED NOTES

T-1 ABOVE CEILING INFORMATION JACK SCHEDULER (NOT SHOWN) ON THE TA SHEETS. THE PATCH CABLE SHALL EXTEND FROM THE TERMINATED INFORMATION JACK TO THE ROOM SCHEDULER VIA THE DIV 28 PROVIDED ROUGH-IN.

T-6 THIS SECTION TO RECEIVE PERMANENT TECHNOLOGY.

Owner
Johnson County, Iowa

Project
JOHNSON COUNTY ADMINISTRATION AND HEALTH & HUMAN SERVICES BUILDINGS REMODELING PROJECT
913 S Dubuque St.
855 S Dubuque St.
Iowa City, IA 52240

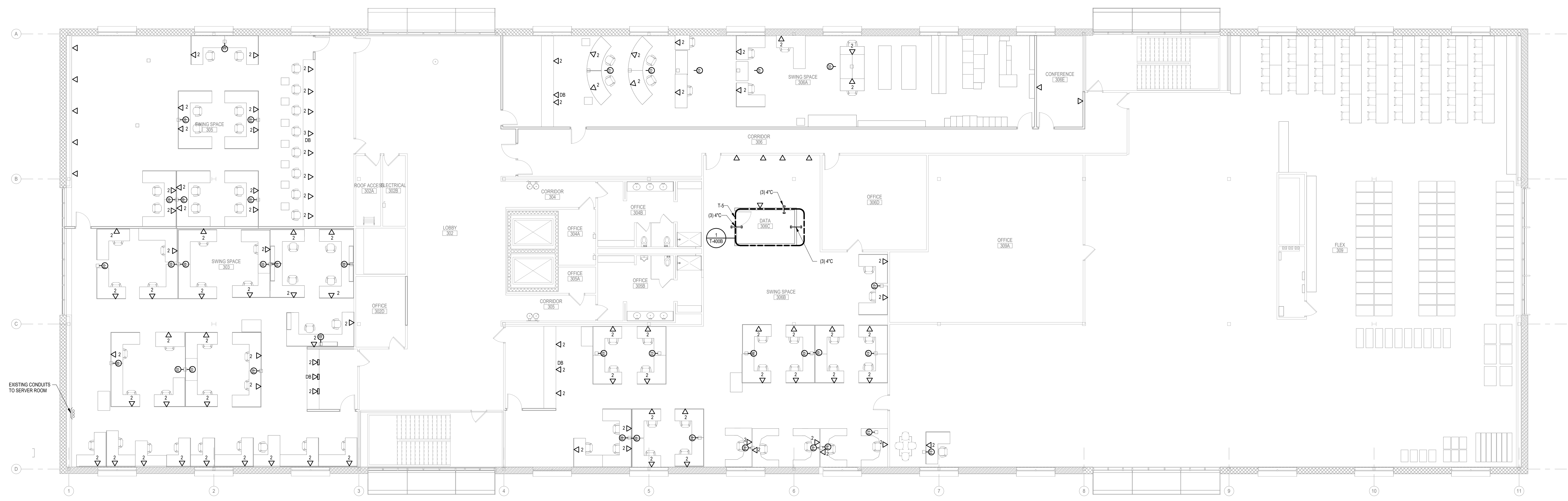
Mechanical Engineer
Design Engineers
8801 PRAIRIE VIEW LN SW
CEDAR RAPIDS, IA 52404
P: 319-841-1944

Electrical Engineer
Design Engineers
8801 PRAIRIE VIEW LN SW
CEDAR RAPIDS, IA 52404
P: 319-841-1944

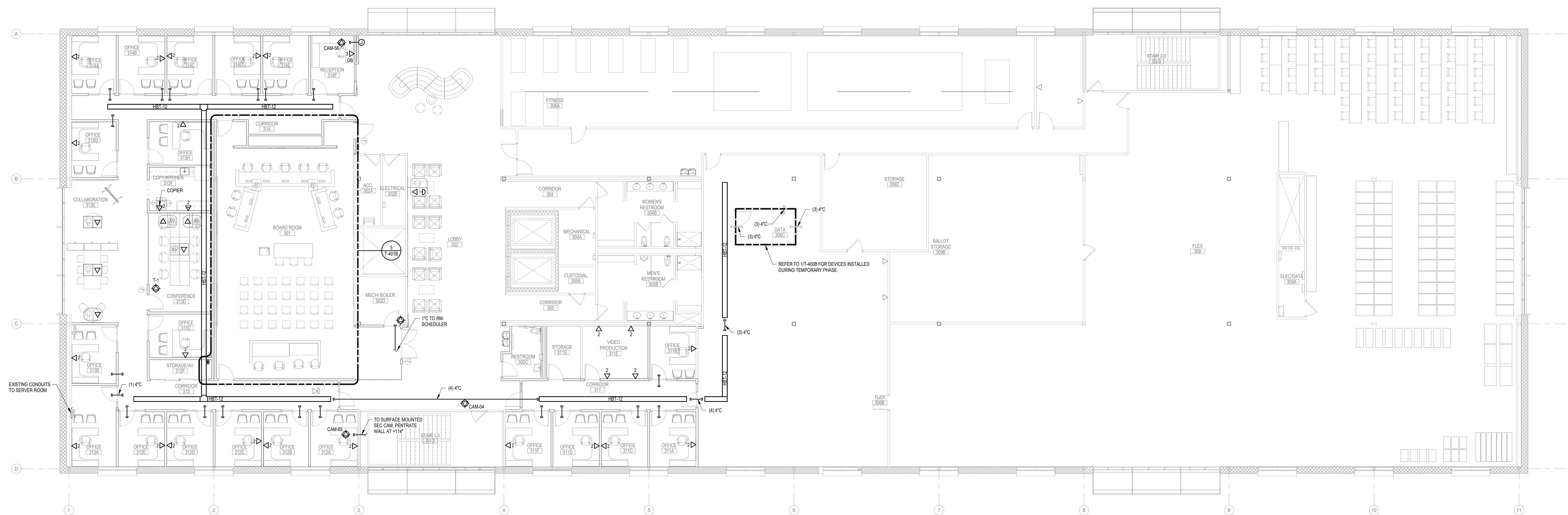
Civil Engineer
H&H & H&H Engineers
1860 BOYSON ROAD
HIAWATHA, IA 52233
P: 319-362-9548

Structural Engineer
Raker Rhodes Engineering
112 E. WASHINGTON ST. SUITE B
IOWA CITY, IA 52240
P: 319-333-7850

NOTE: TEMPORARY SPACE TELECOMMUNICATION
1. CONTRACTOR TO PROVIDE THE CABLE QUANTITIES INDICATED FOR TEMPORARY SPACE CONFIGURATION. EXACT FURNITURE LAYOUT IS TO BE DETERMINED AND WILL BE DIFFERENT FROM LAYOUT INDICATED. CONTRACTOR SHALL VERIFY TEMPORARY OUTLET LOCATIONS WITH OWNER AND OWNERS FURNITURE VENDOR.



1 HHS - TEMPORARY LEVEL 3 TECHNOLOGY PLAN
1/8" = 1'-0"



2 HHS - LEVEL 3 TECHNOLOGY PLAN
1/8" = 1'-0"

ALL CONDUIT SLEEVES ARE 1" UNLESS NOTED OTHERWISE

NEW WORK KEY

- EXISTING
- NEW / REVISED
- EXISTING EQUIPMENT
- NEW / REVISED EQUIPMENT

Key Plan

Revision Description Date



1 HHS - LEVEL 2 TECHNOLOGY PLAN - PHASE 2
1/8" = 1'-0"

ALL CONDUIT SLEEVES ARE 1" UNLESS NOTED OTHERWISE

NEW WORK KEY

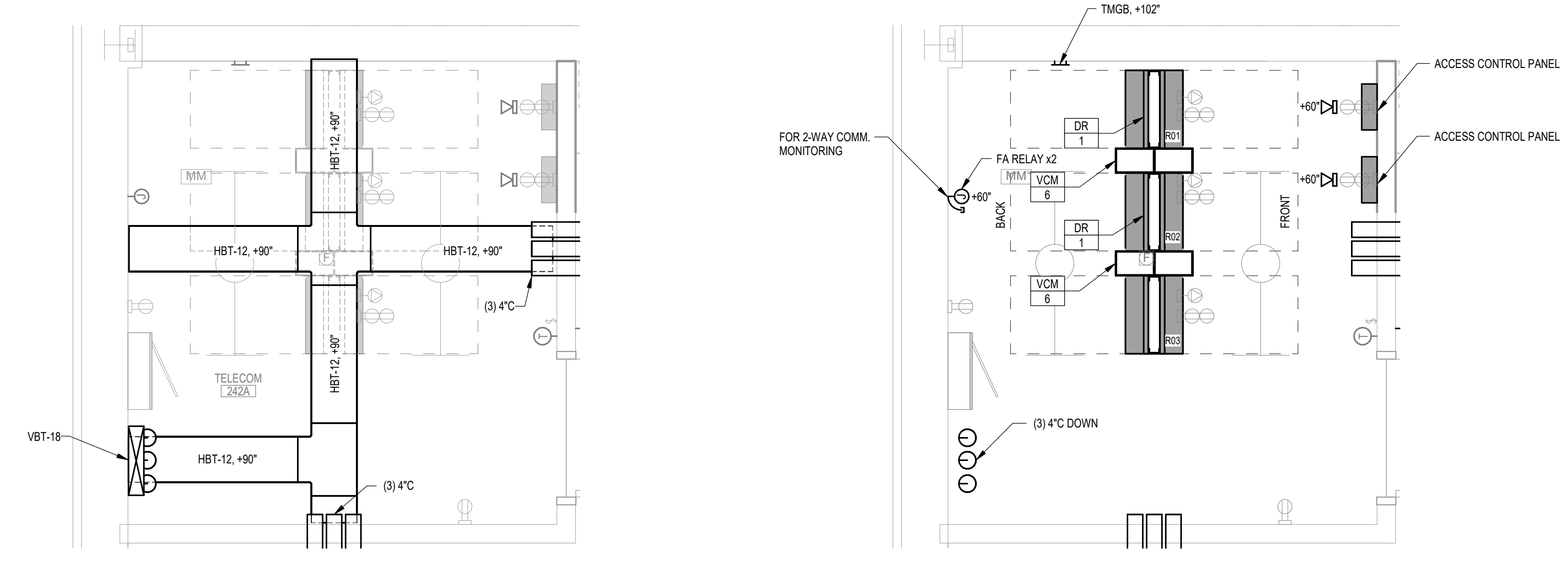
	EXISTING
	NEW / REVISED
	EXISTING EQUIPMENT
	NEW / REVISED EQUIPMENT

PROVIDE J-HOOK PATHWAYS TO ALL FURNITURE FEEDS AS SHOWN. THE J-HOOK ROUTES NOTED ARE SCHEMATICAL. ADJUST THE ROUTES TO BEST SUIT CABLE QUANTITIES AND MINIMIZE CABLE DISTANCES TO THE WORK AREA. OUTLETS, CABLING AND PATHWAYS ARE TEMPORARY J-HOOKS AND SHALL NOT EXCEED A 90% FILL RATIO. ALLOWING FUTURE OWNER-INSTALLED CABLES. THE CONTRACTOR SHALL PROVIDE ADDITIONAL J-HOOKS FOR ANY PORTION OF THE CABLE ROUTES THAT EXCEED THE 90% FILL RATIO.

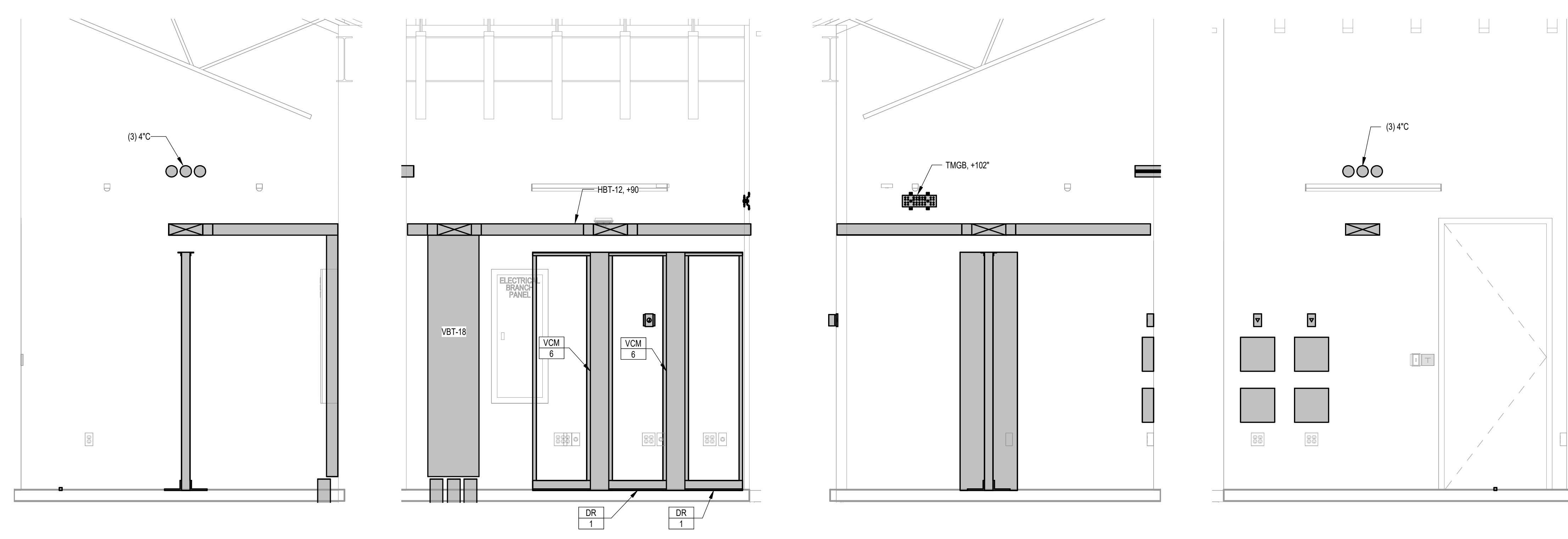
Key Plan

	Revision	Description	Date
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KEYED NOTES

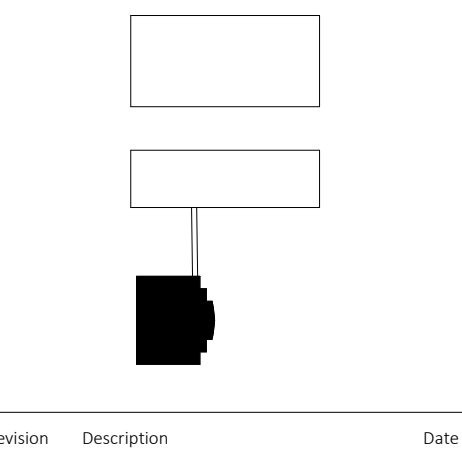


1 ADM - ENLARGED TELECOM 2424
1/2" = 1'-0"



2 ADM - ENLARGED TELECOM ROOM 242A ELEVATION DETAIL
1/2" = 1'-0"

Key Plan



Revision Description Date

NEW WORK KEY

	EXISTING
	NEW / REVISED
	EXISTING EQUIPMENT
	NEW / REVISED EQUIPMENT

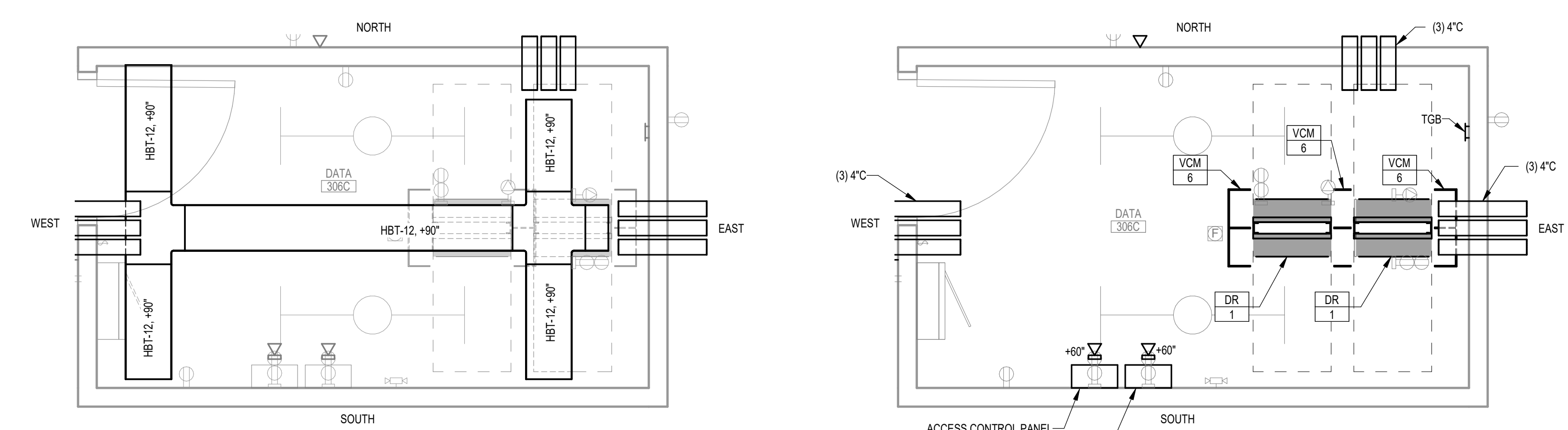
OPN Project No.
23412000

Sheet Name
BIG DOCUMENTS 06/06/23

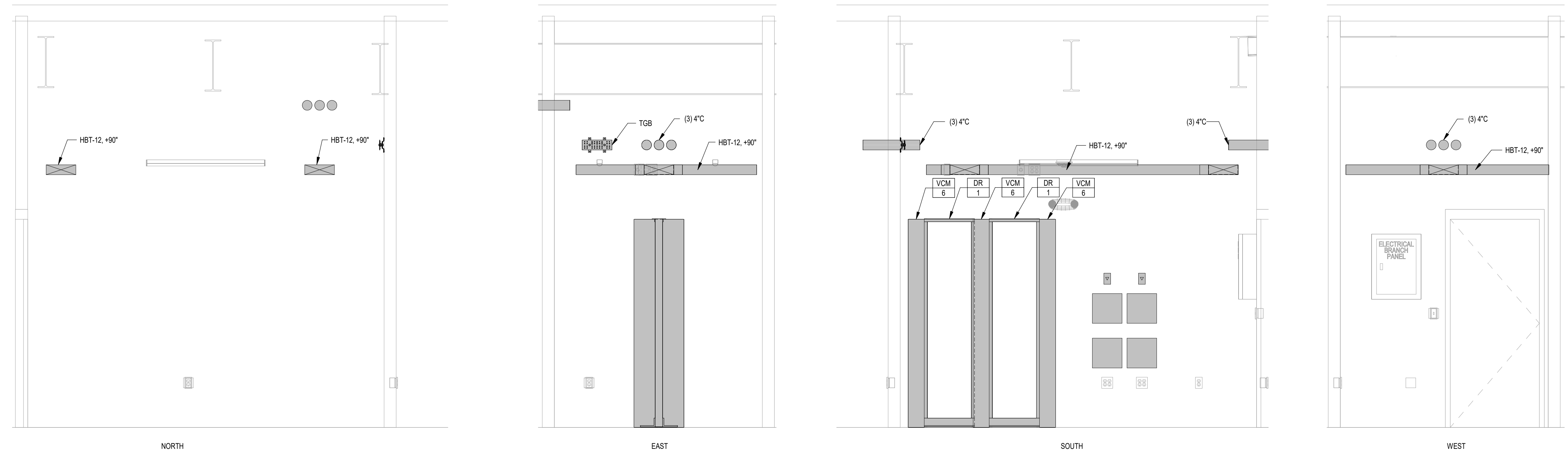
Sheet Name
ADM TECHNOLOGY ENLARGED PLANS

Sheet Number
T-400A

KEYED NOTES



1 HHS - LEVEL 3 ENLARGED TELECOM RM DATA 306C - TEMPORARY
1/2" = 1'-0"



3 HHS - LEVEL 3 ENLARGED TELECOM RM DATA 306C WALL ELEVATION DETAIL - TEMPORARY
1/2" = 1'-0"

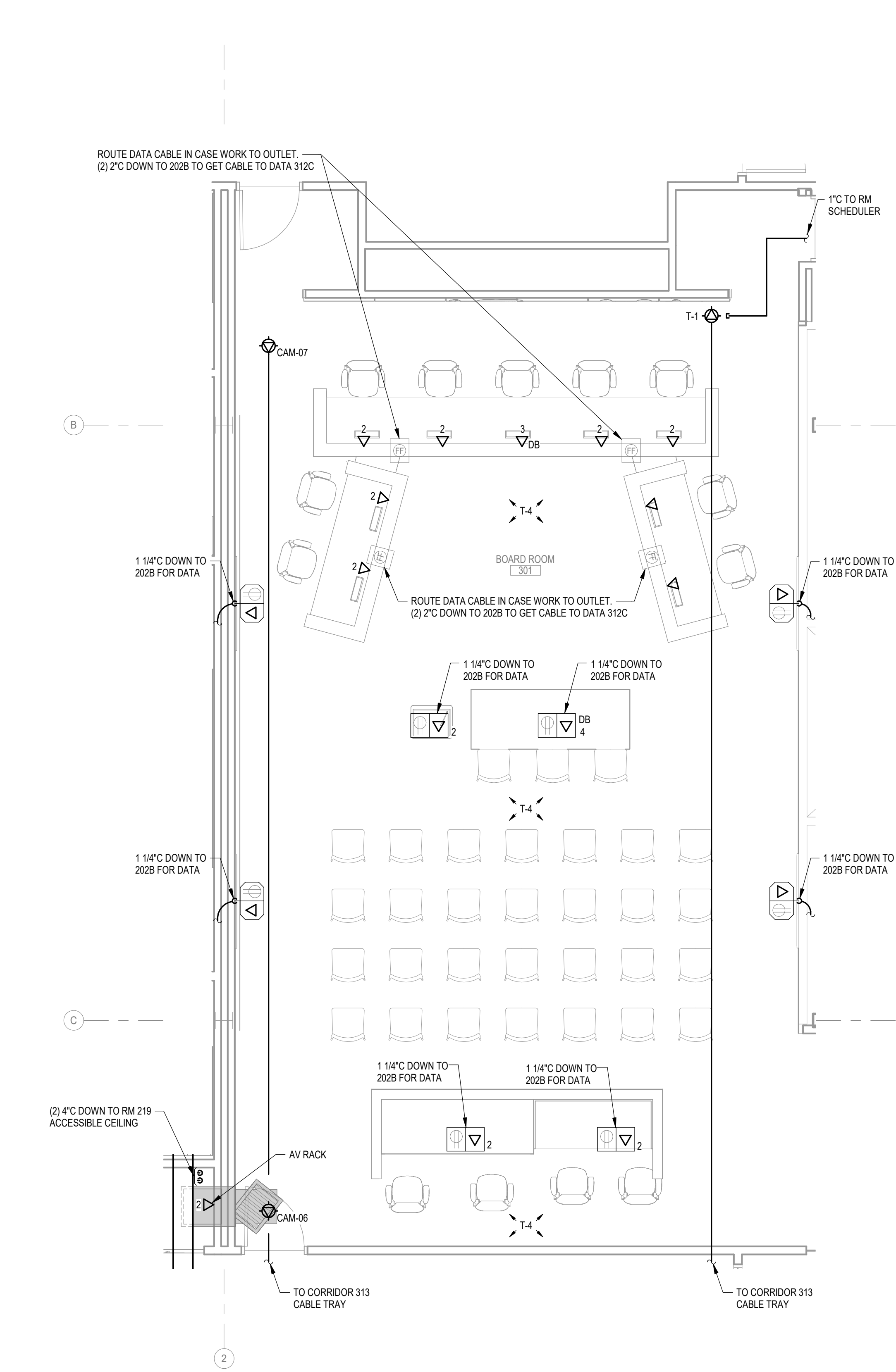
NEW WORK KEY

	EXISTING
	NEW / REVISED
	EXISTING EQUIPMENT
	NEW / REVISED EQUIPMENT

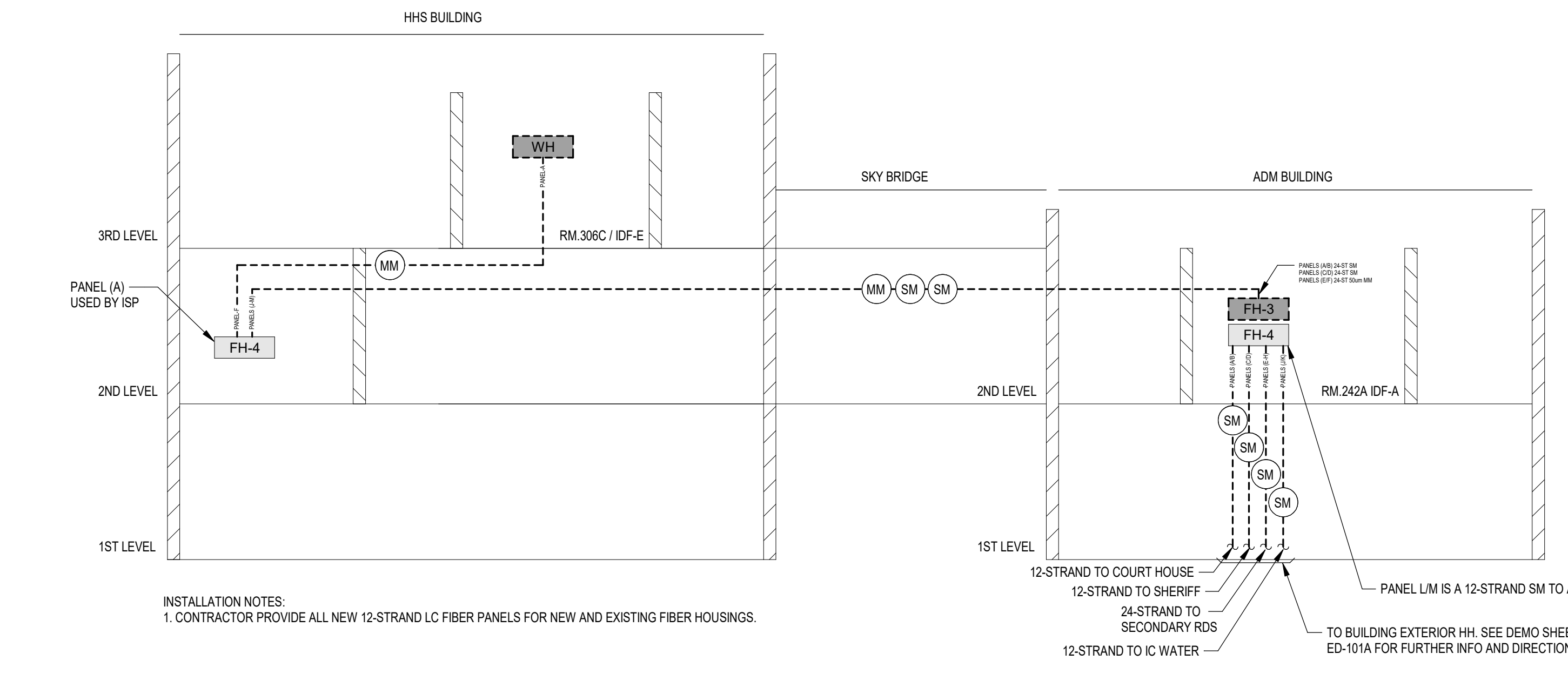
Key Plan

Revision	Description	Date

KEYED NOTES	
T-1	ABOVE CEILING INFORMATION JACK IS FOR THE WALL MOUNTED ROOM SCHEDULER. IF NOT NOTED ON THE TA SHEETS, THE PATCH CABLE SHALL EXTEND FROM THE TERMINATED INFORMATION JACK TO THE ROOM SCHEDULER VIA THE DIV 28 PROVIDED ROUGH-IN.
T-4	ROUTE ALL NETWORK CABLES IN BOARD ROOM 301 TO THE ACCESSIBLE CEILING SPACE IN MEETING ROOM 202B BELOW. UTILIZE THE CABLE TRAY IN 202B TO OPEN OFFICE 219 AND 4" CP UP TO STORAGE/AV ROOM 312P TO GET TO THE SERVING TELECOM RM DATA 312C. UNLESS NOTED OTHERWISE.

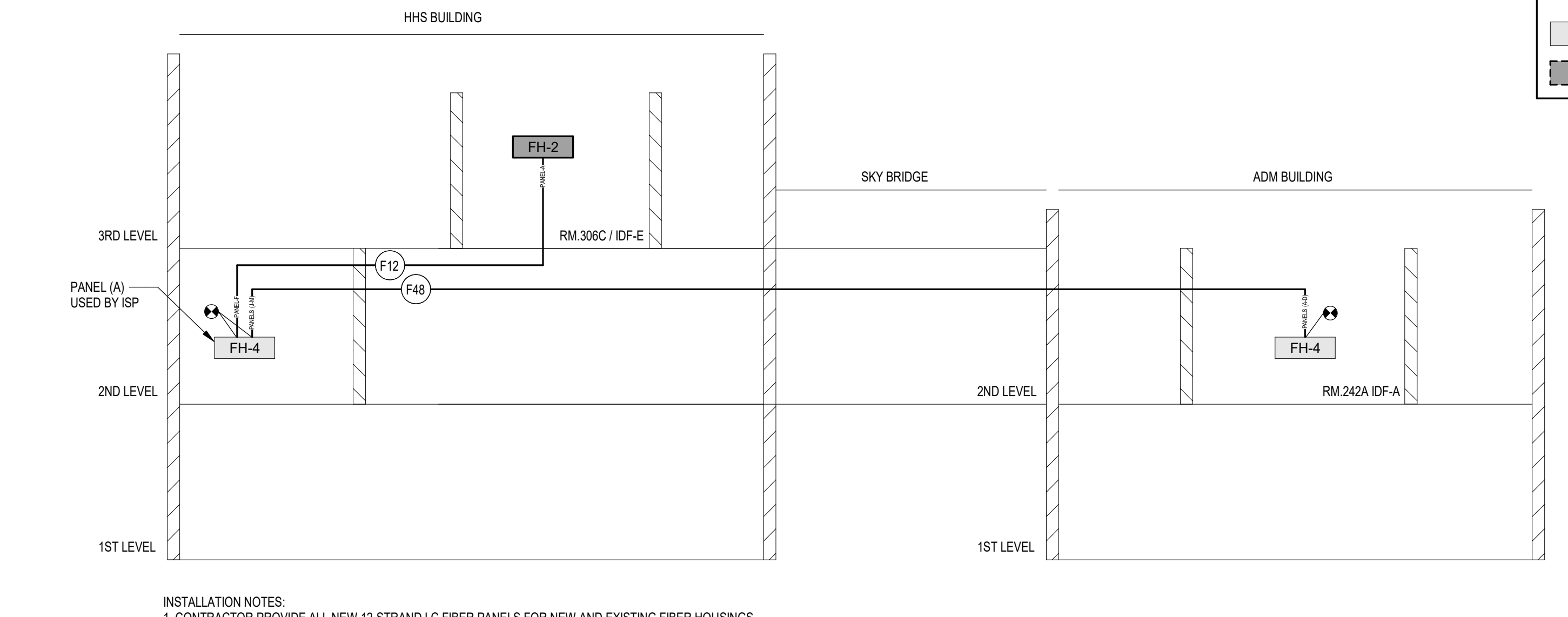


6 HHS - BOARD ROOM 301 ENLARGED TECHNOLOGY PLAN - PHASE 2
1/4" = 1'-0"



3 STRUCTURED CABLING FIBER BACKBONE DEMO SCHEMATIC DETAIL - PHASE 2
NOT TO SCALE

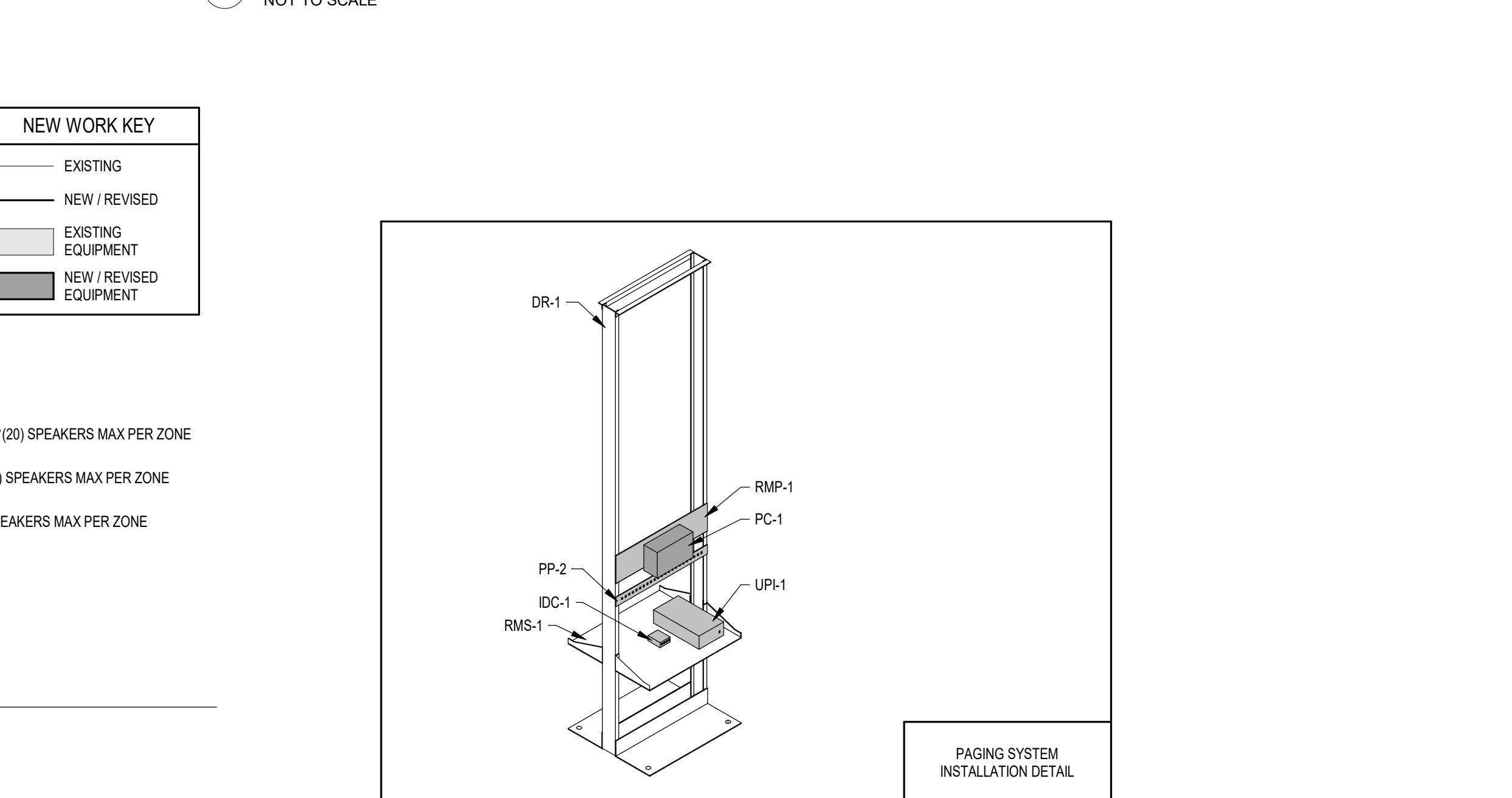
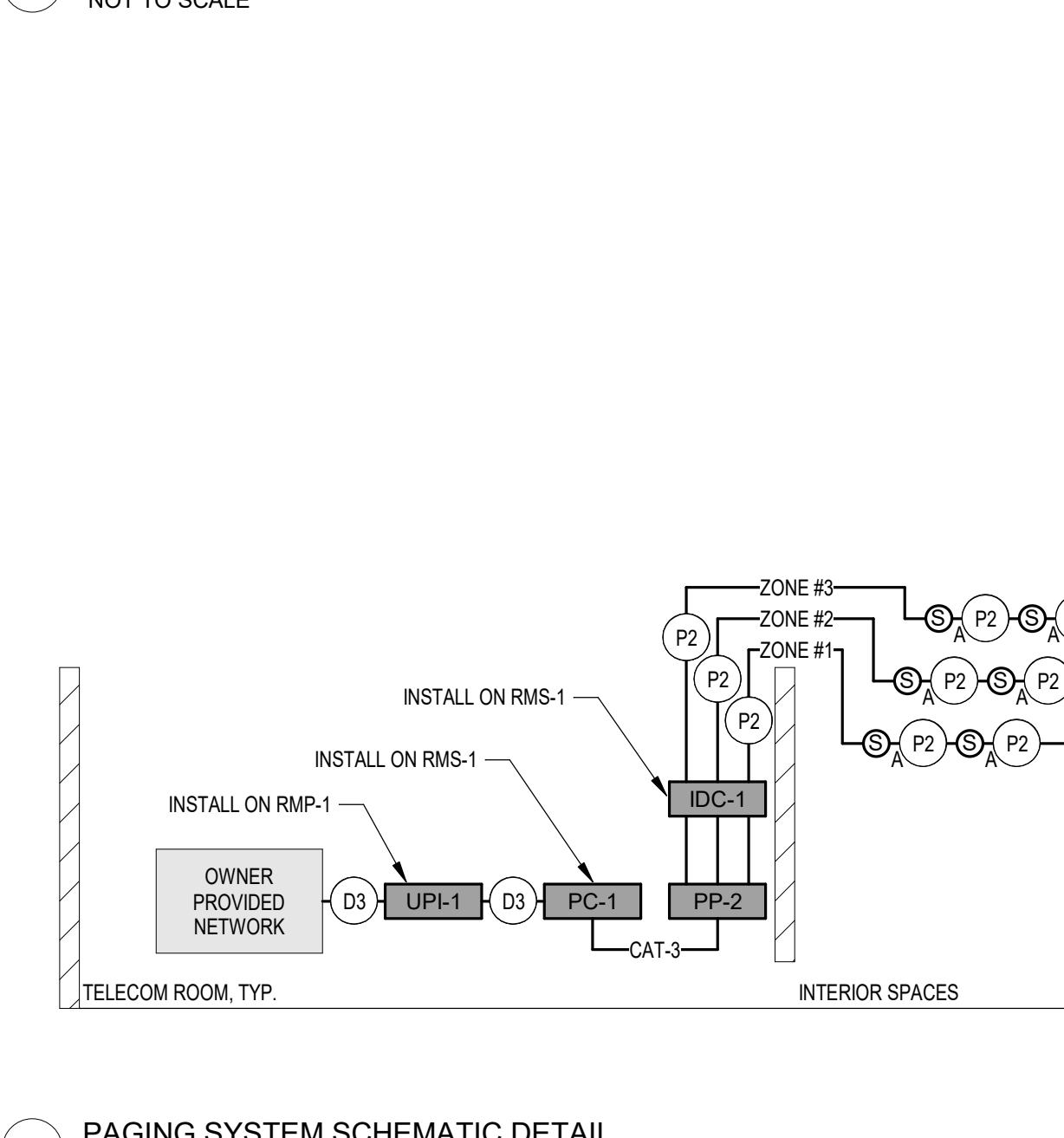
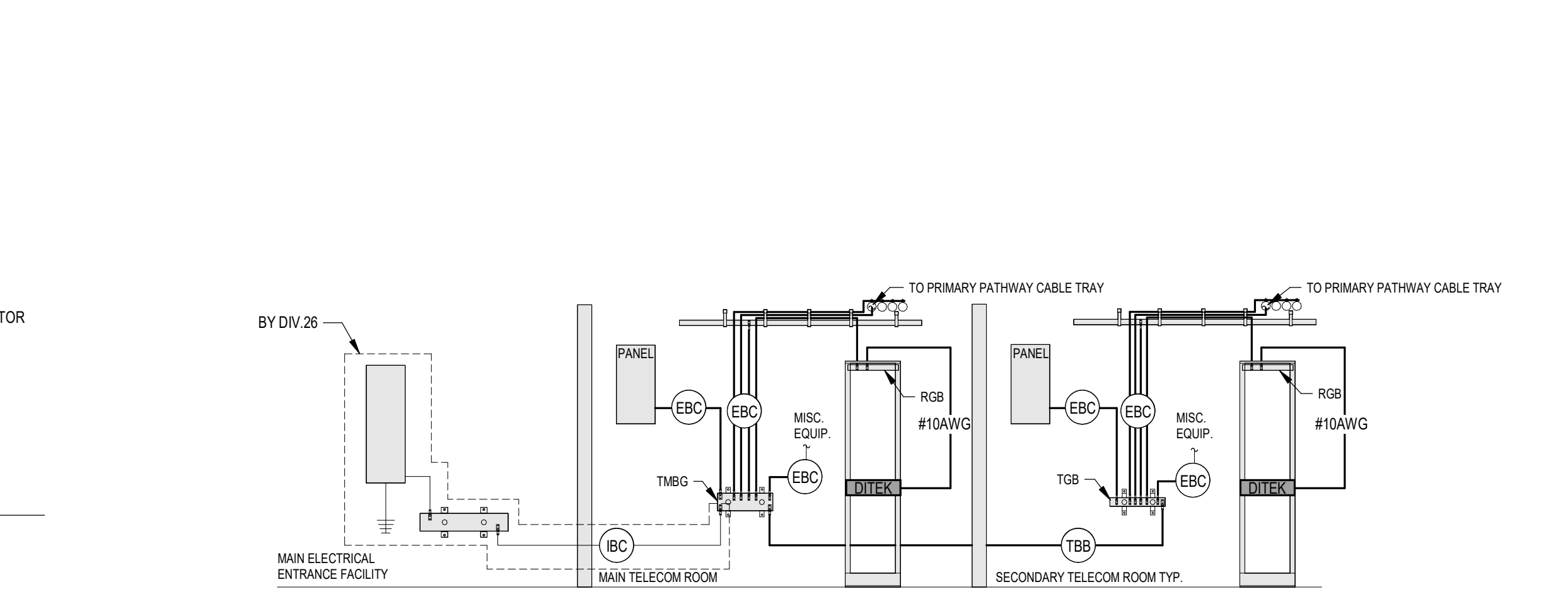
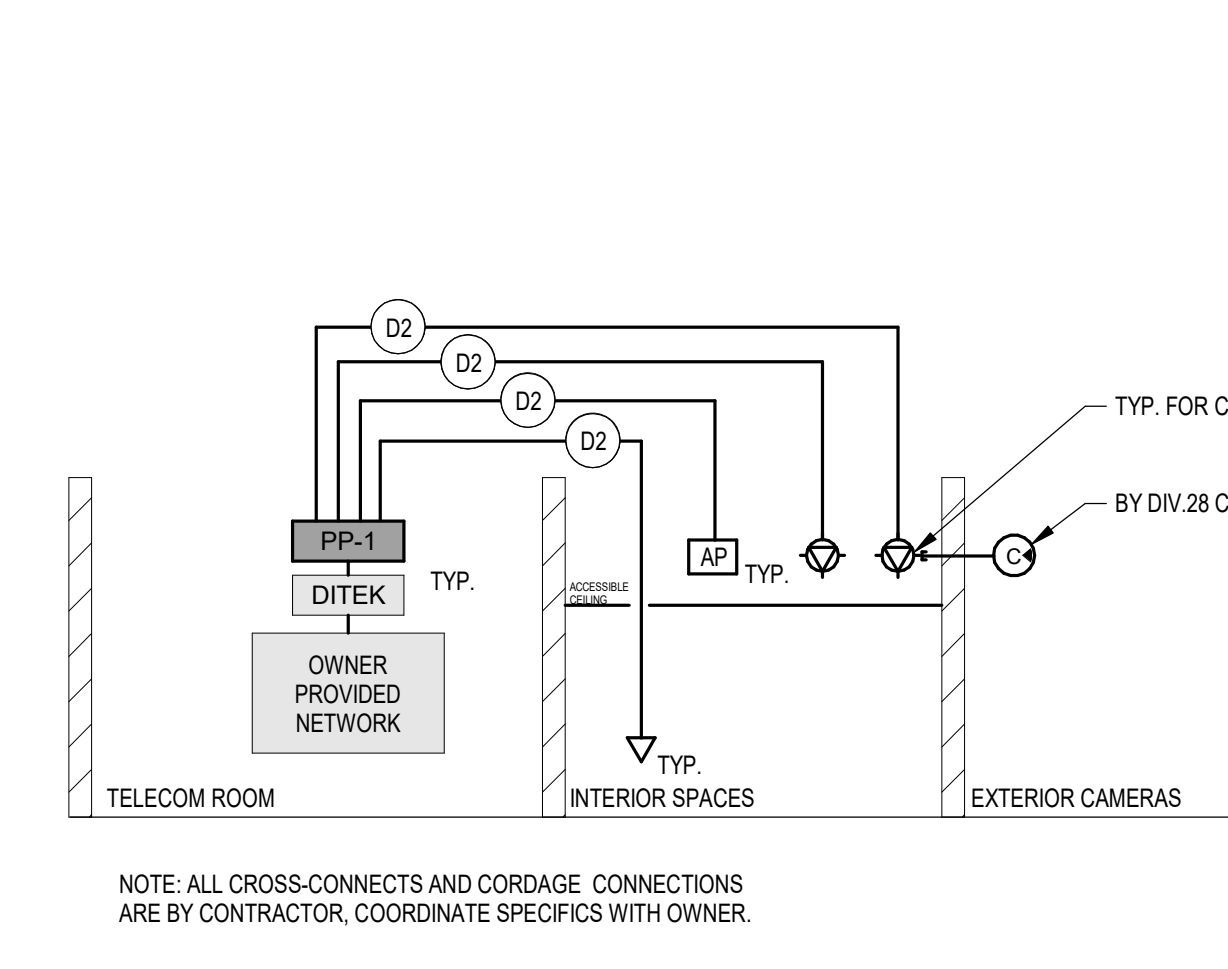
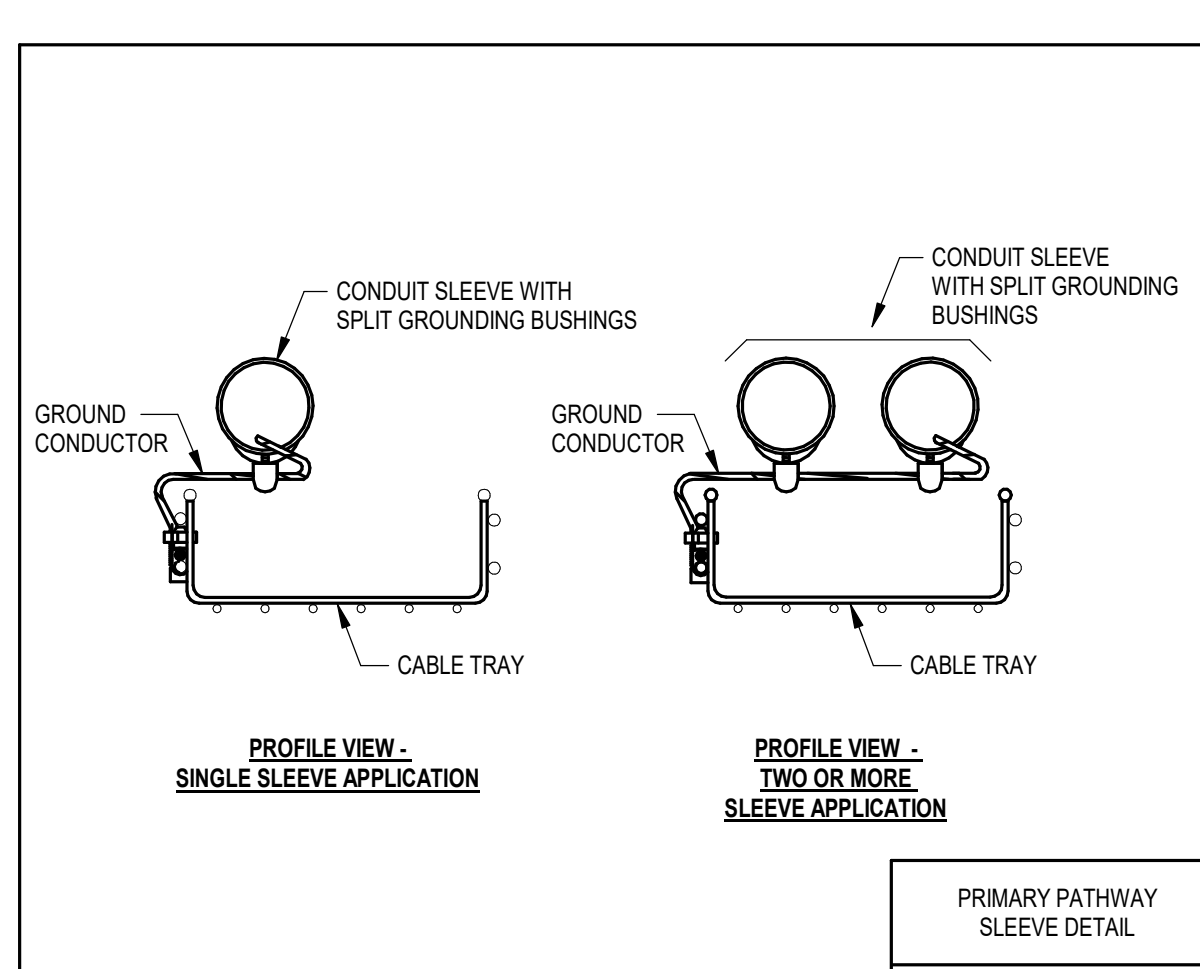
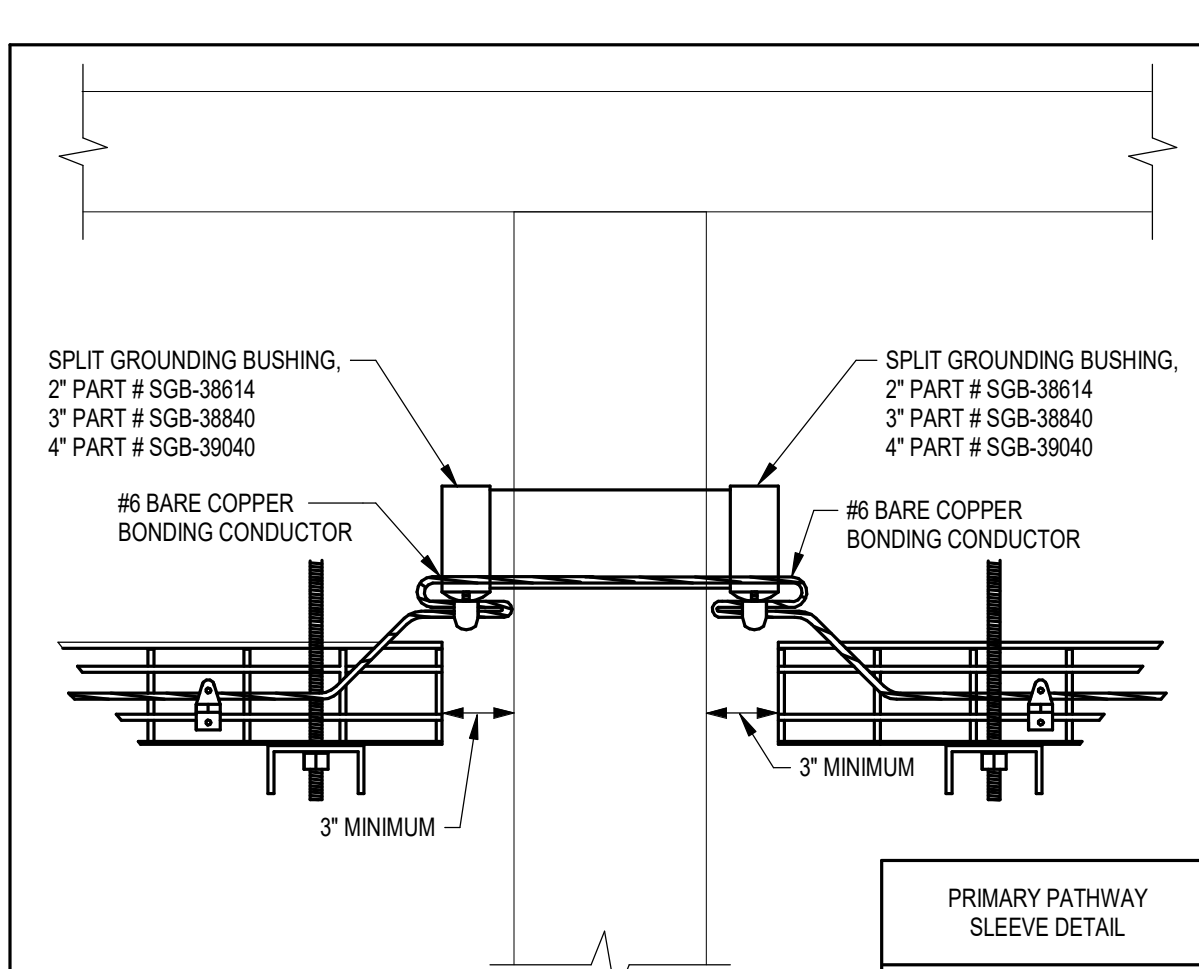
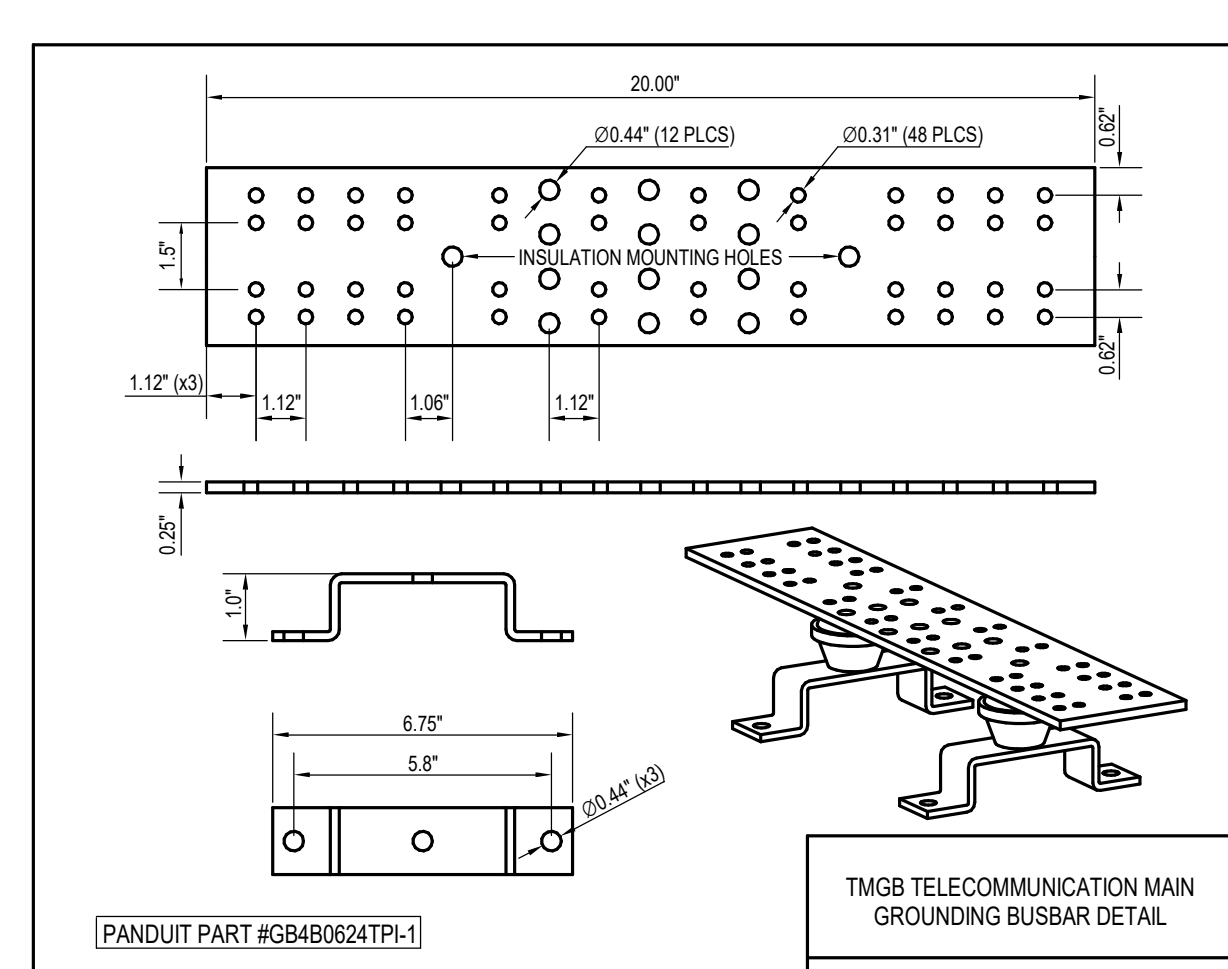
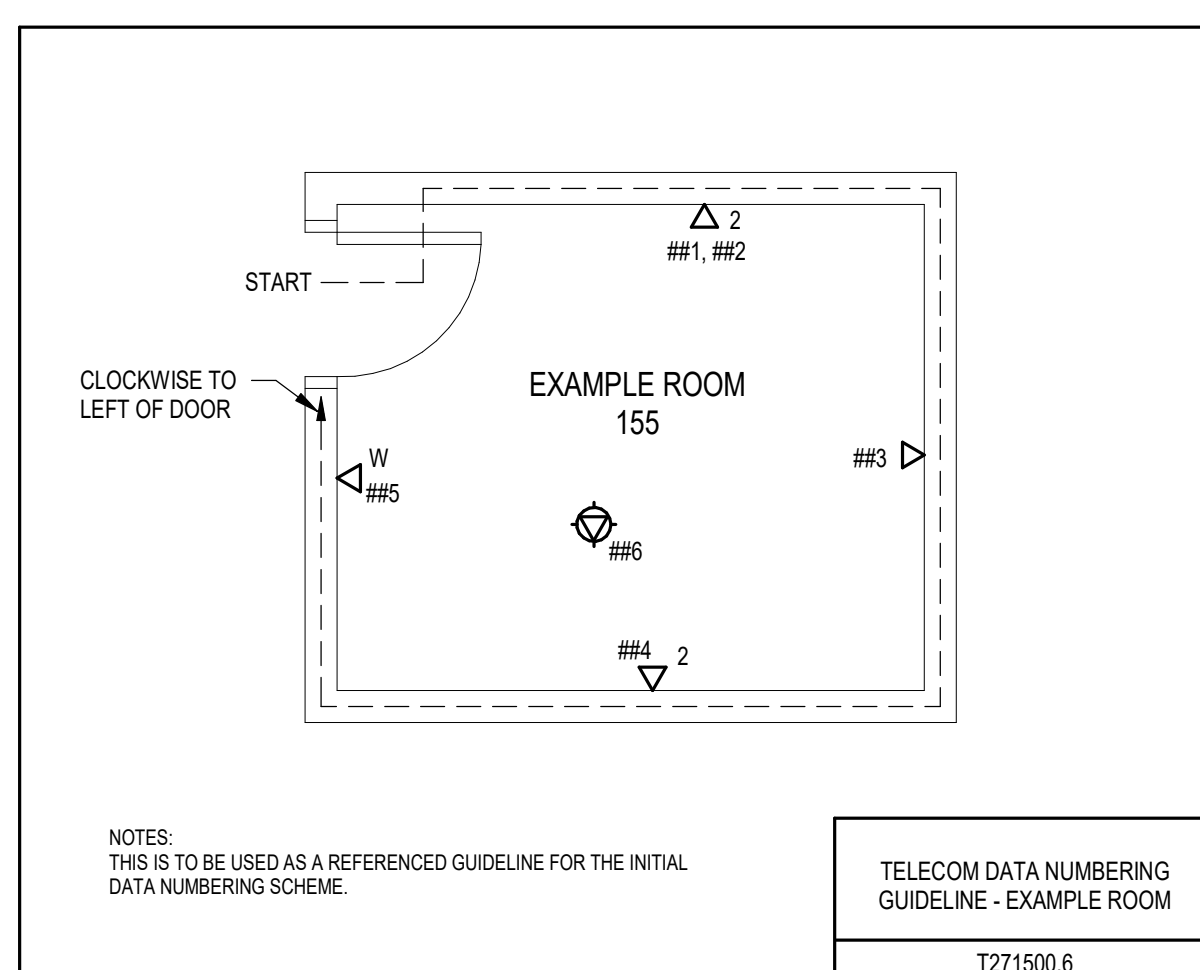
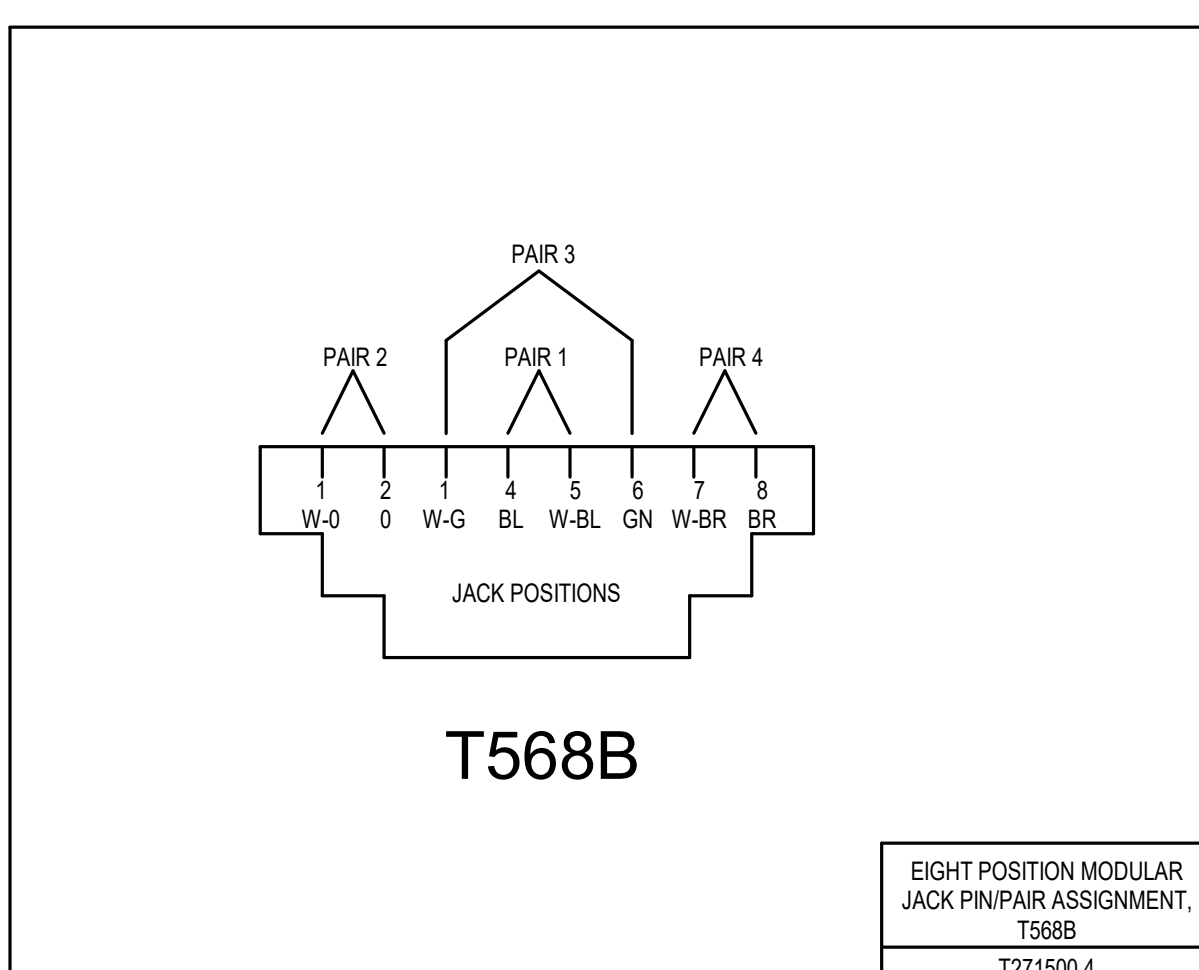
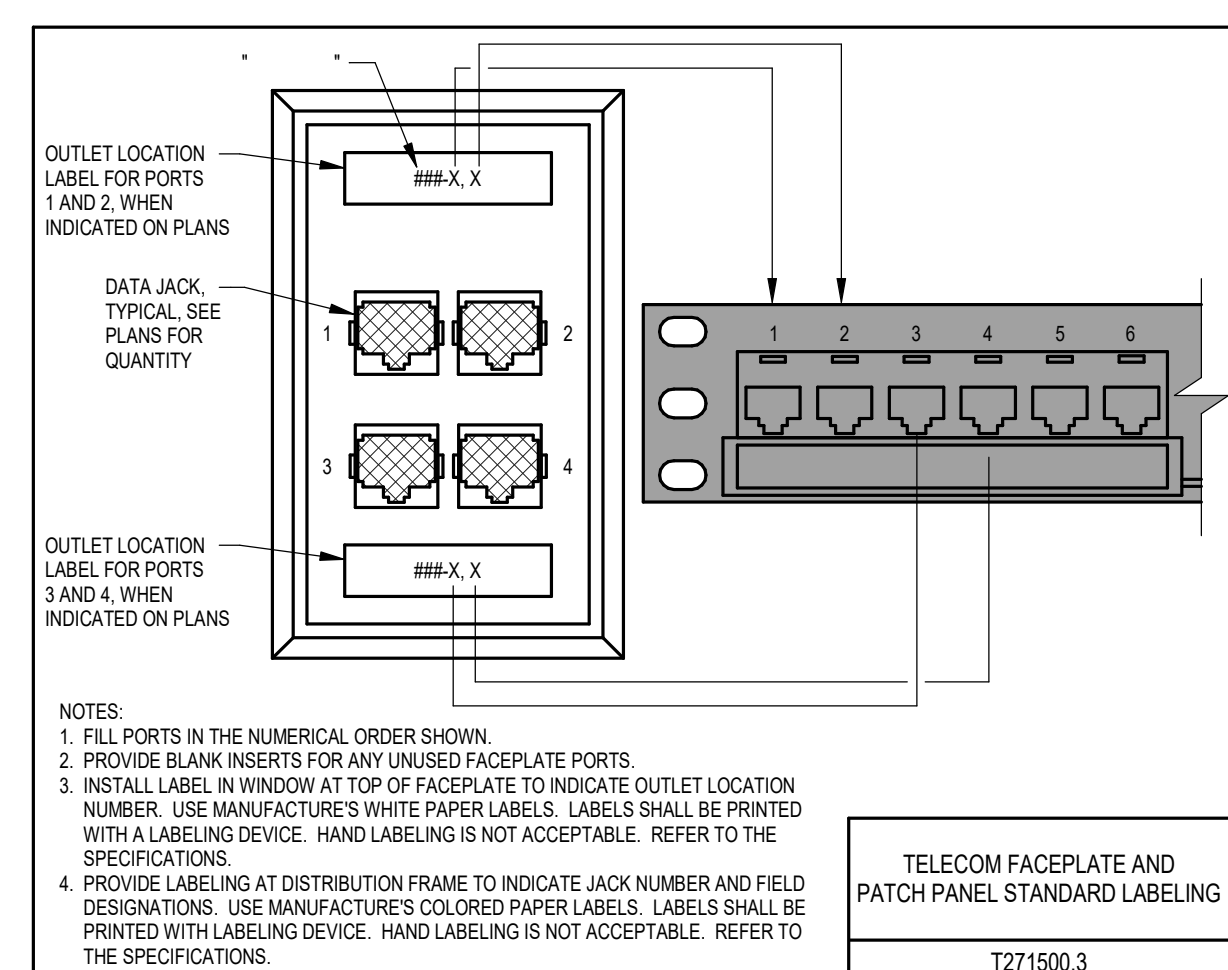
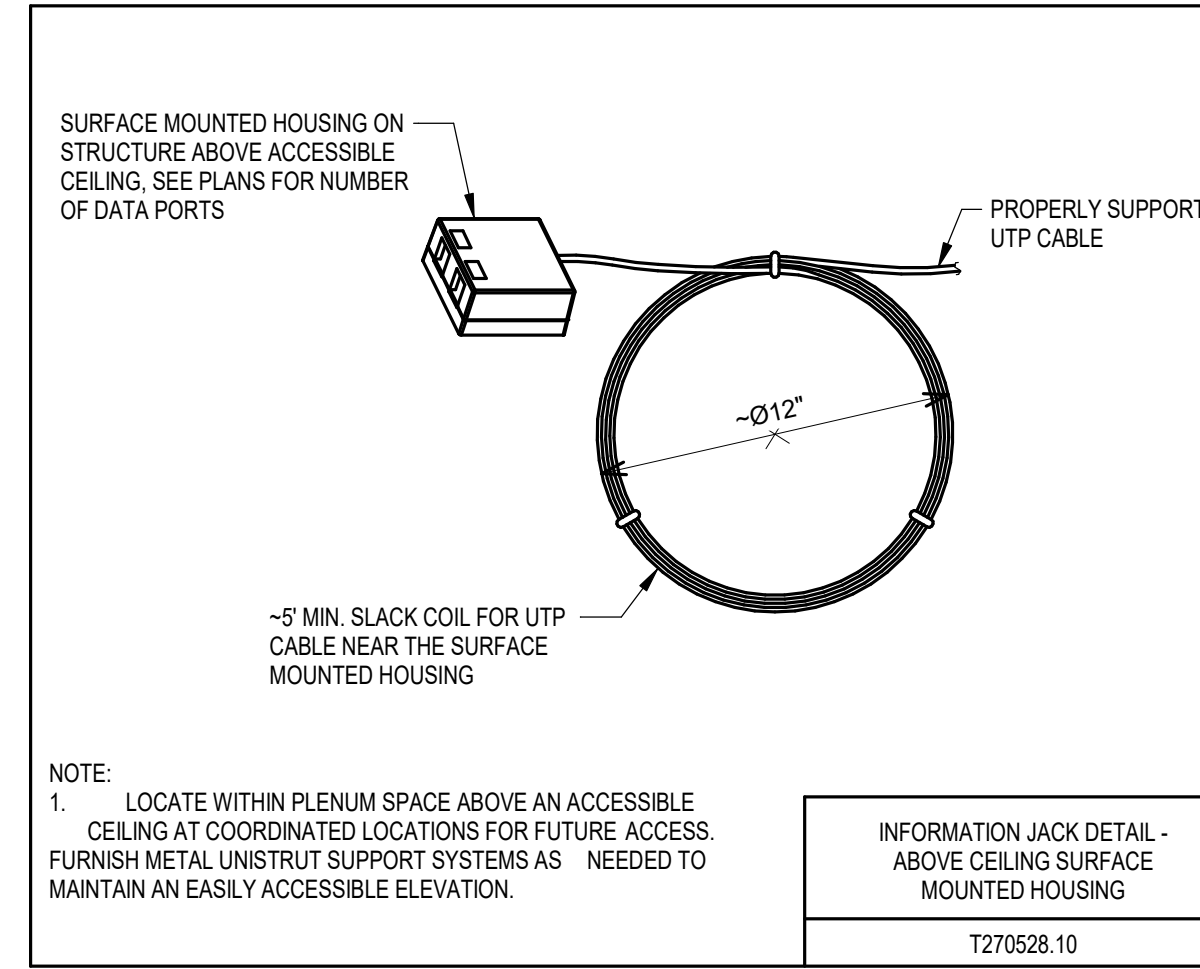
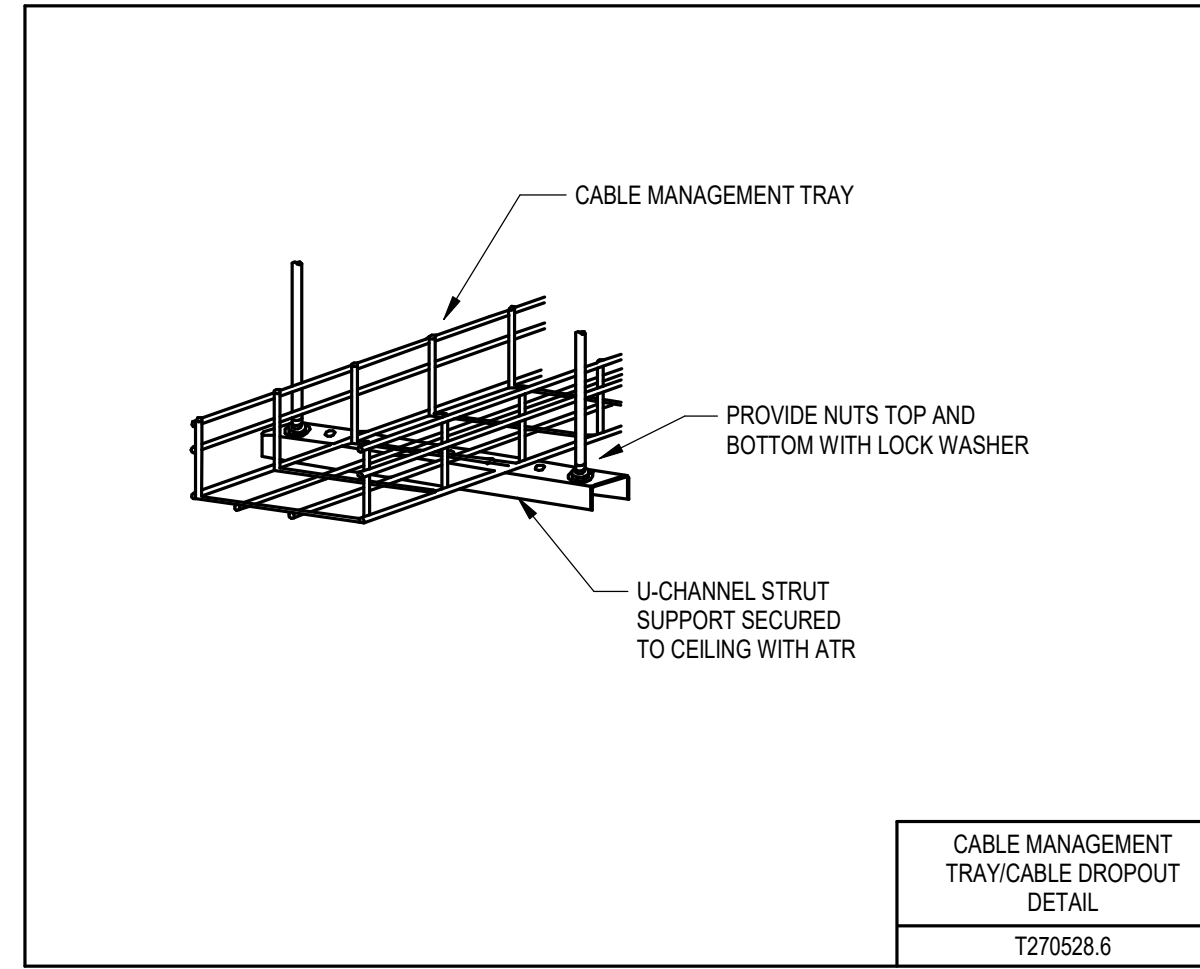
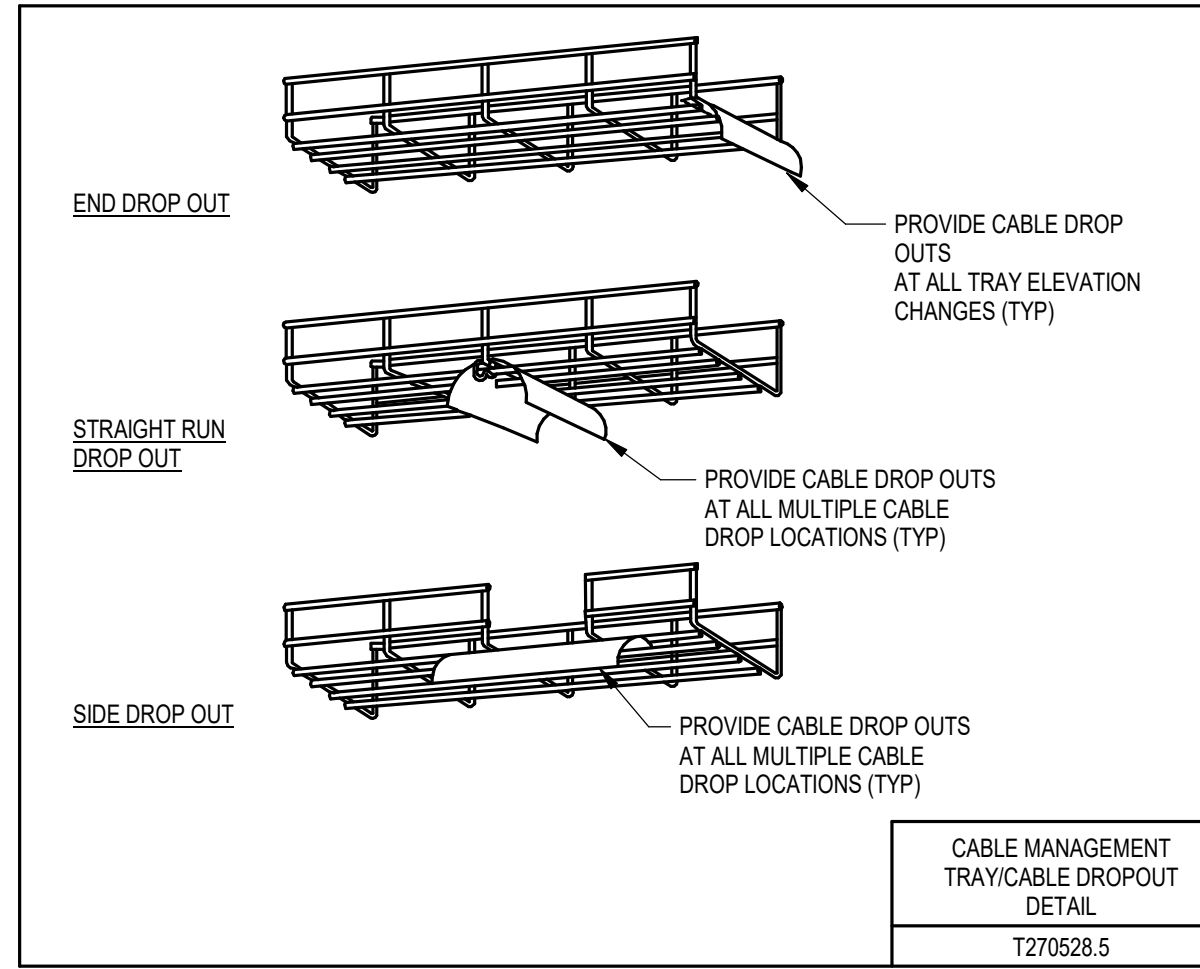
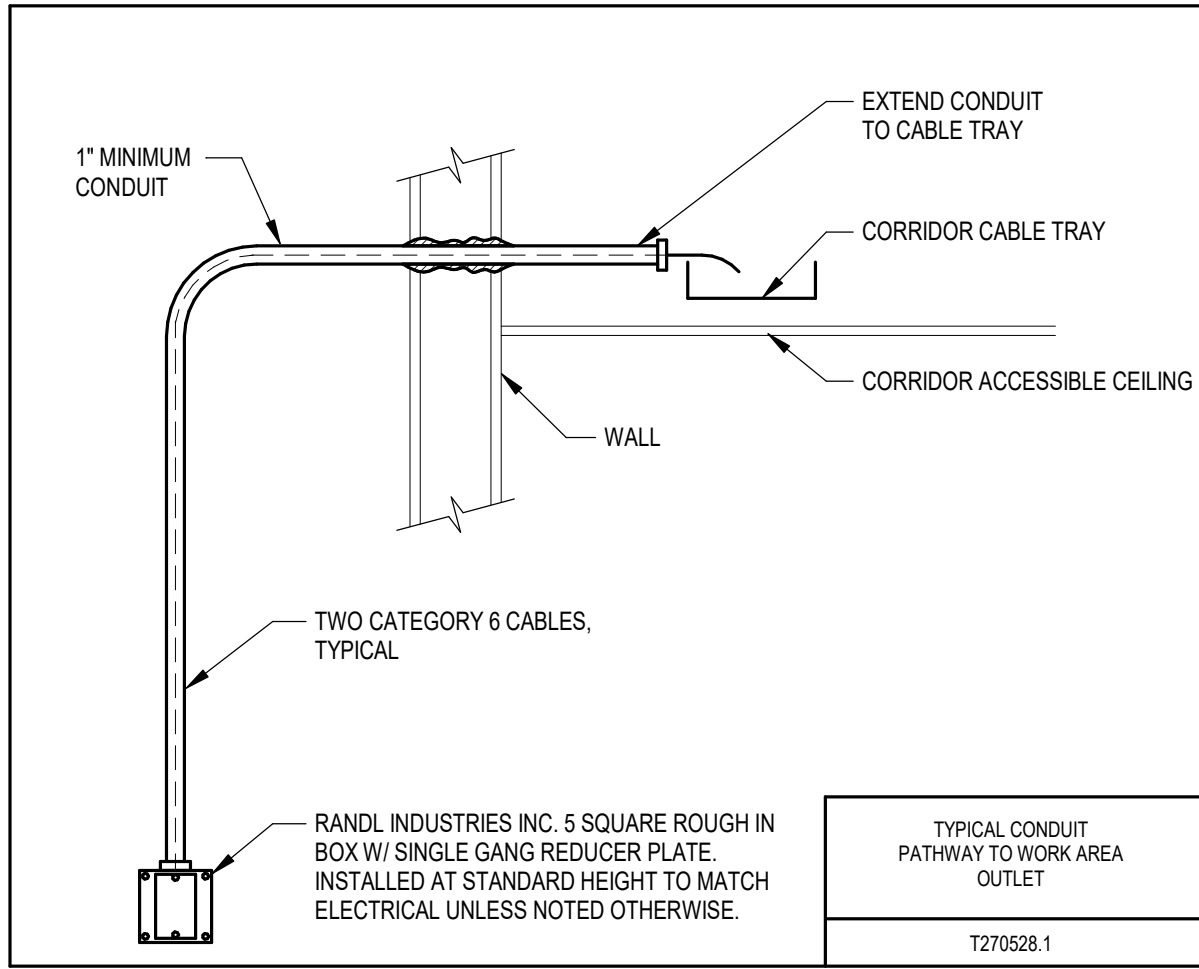
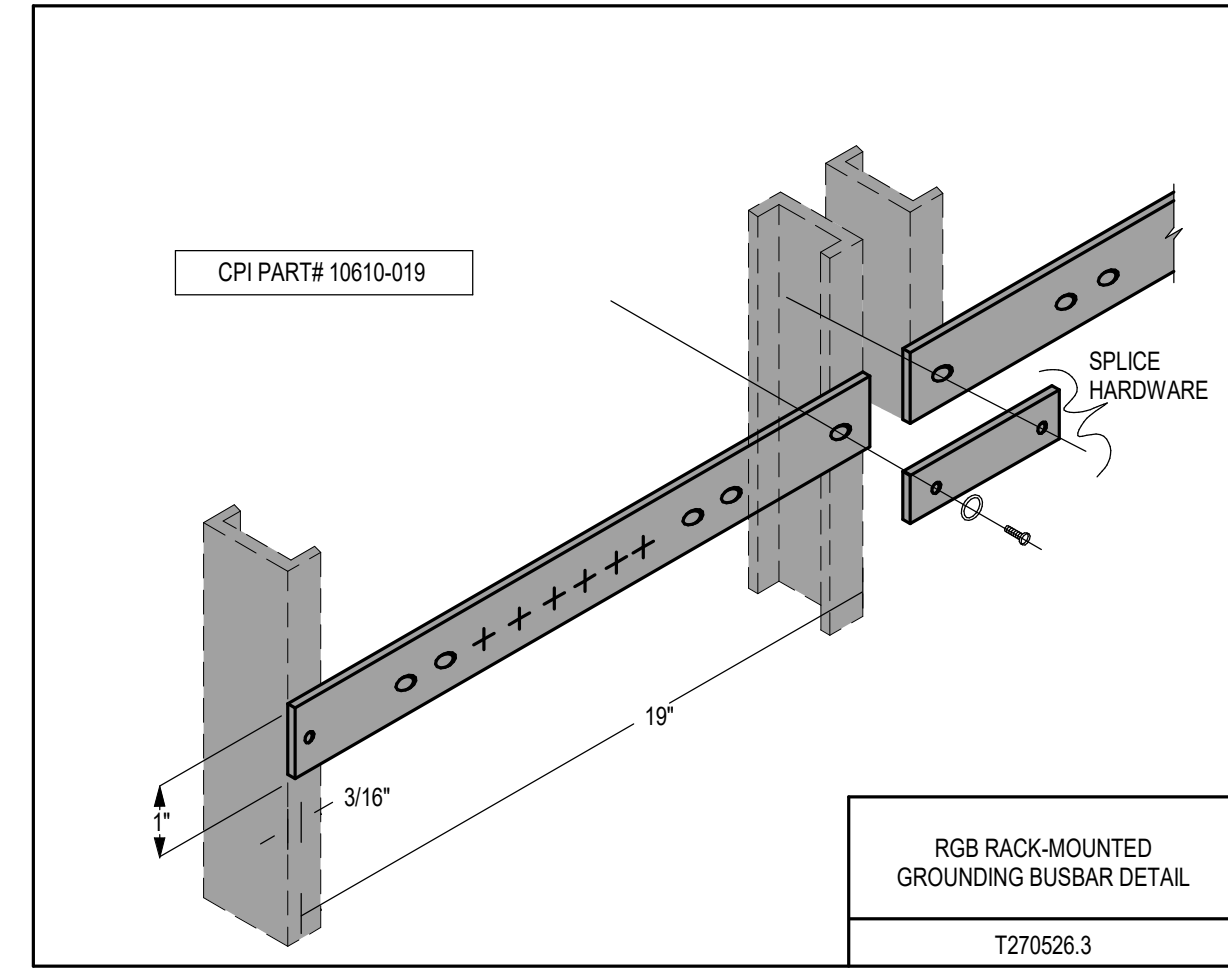
DEMOLITION KEY	
(Solid line)	TO REMAIN
(Dashed line)	TO BE REMOVED / REVISED
(Hatched area)	EQUIPMENT TO REMAIN
(Cross-hatched area)	EQUIPMENT TO BE REMOVED / REVISED



4 STRUCTURED CABLING FIBER BACKBONE SCHEMATIC DETAIL - PHASE 2
NOT TO SCALE

NEW WORK KEY	
(Solid line)	EXISTING
(Dashed line)	NEW / REVISED
(Hatched area)	EXISTING EQUIPMENT
(Cross-hatched area)	NEW / REVISED EQUIPMENT

Revision	Description	Date



TECHNOLOGY BONDING AND GROUNDING SCHEDULE

Key:
 FB: Furnished By
 IB: Installed By
 O: Owner

General Notes:
 1. Contractor shall check specifications for possible further details.
 2. Contractor see General Technology Notes further details and requirements.

Notes:
 1. Contractor shall provide and install in all telecom rooms in a quantity to support all exterior cameras or AP's served from each telecom room.

PLAN MARK	DESCRIPTION	FB	IB	Per. Spec	REMARKS	NOTES
EBC	Equipment Bonding Conductor	DIV 27	DIV 27	Per. Spec		
DYTEK	Lighting Protection, PoE Compatible	DIV 27	DIV 27	DITEK DTK-RM12NETS		1
TBB	Telecommunication Bonding Backbone 3/0	DIV 27	DIV 27	Per. Spec		
TGB	Telecommunication Grounding Busbar	DIV 27	DIV 27	Per. Spec		
TMBG	Telecommunication Main Grounding Busbar	DIV 27	DIV 27	Per. Spec		
RGB-1	Data Rack Grounding Busbar	DIV 27	DIV 27	Per. Spec		

TECHNOLOGY PAGING SYSTEM SCHEDULE

Key:
 FB: Furnished By
 IB: Installed By
 O: Owner

General Notes:
 1. Contractor shall check specifications for possible further details.
 2. Contractor see General Technology Notes further details and requirements.

Notes:
 1. Contractor furnish and install one per telecom room in HHS and ADM.
 2. This specific items is for the paging system only and should only be located in the telecom rooms.

PLAN MARK	DESCRIPTION	FB	IB	Per. Spec	REMARKS	NOTES
P2	4 Pair, Cat.5, Plenum Cable	DIV 27	DIV 27	Panduit Per Spec		
CAT-3	25 Pair Cat.3 Cable, W/ 50-Pin, Female Amphenol Connector On One End	DIV27	DIV 27	Ortronics: OR-804025C025-1GY, or equal. Field Termination also acceptable.		1
BLANK ROW						
IDC-1	4-Port, Mini-Com, Surface Mount Box, Black in Color	DIV 27	DIV 27	Panduit: CBX4BLAY		1,2
PC-1	Three Zone Integrated Page Control	DIV 27	DIV 27	Valcom: V-2900A		1
PP-2	Mod 8 / Teleo Panel - High Density - 24 ports / 4.5 / F50	DIV 27	DIV 27	Ortronics: 888004389		1
RMS-1	2U, 2 Post, Center Mount, Rack Shelf, Vented	DIV 27	DIV 27	Rack Solutions: 2USHL-022FULL-20DV		1
RMP-1	3RU, Rack Mounted Device Panel	DIV 27	DIV 27	Modular Atlantic: APM-3		1
S (A)	Amplified Ceiling Speaker	DIV 27	DIV 27	Valcom: V-1020C		1
UPI-1	Universal Page Interface, SIP to Analog	DIV 27	DIV 27	Valcom: V9972		1

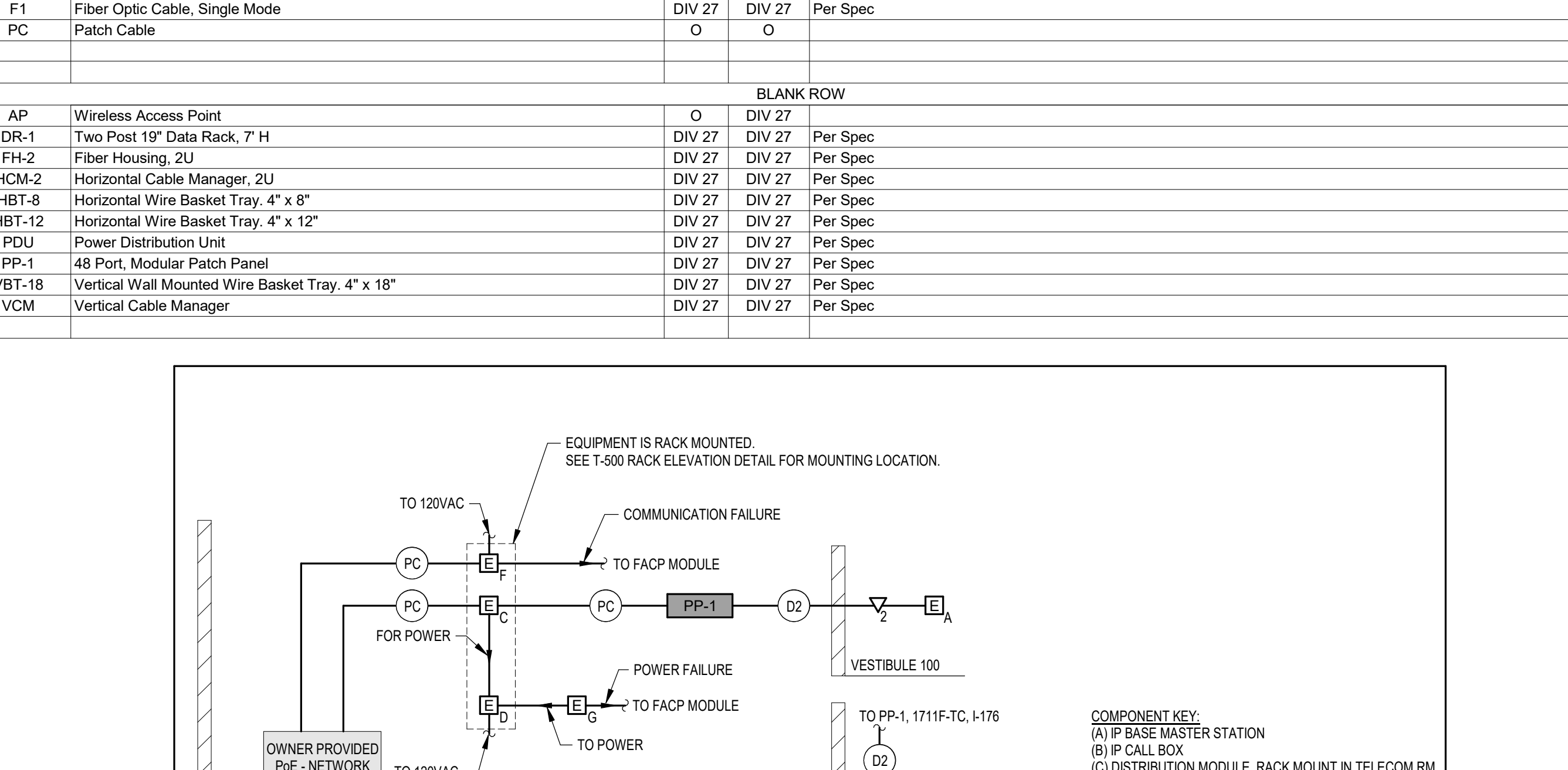
TECHNOLOGY STRUCTURED CABLING SCHEDULE

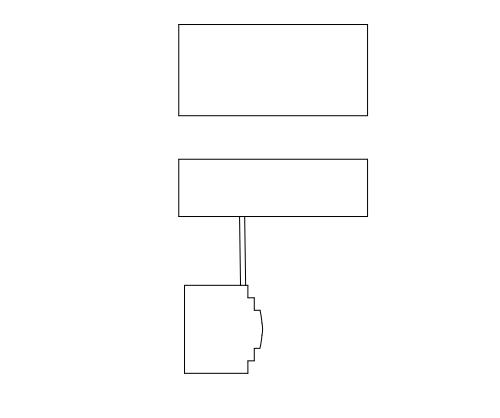
Key:
 FB: Furnished By
 IB: Installed By
 O: Owner

General Notes:
 1. Contractor shall check specifications for possible further details.
 2. Contractor see General Technology Notes further details and requirements.

Notes:

PLAN MARK	DESCRIPTION	FB	IB	Per. Spec	REMARKS	NOTES
D2	Data Branch, 4 Pair/UTP, Cat 6, Blue	DIV 27	DIV 27	Per Spec		
F1	Fiber Optic Cable, Single Mode	DIV 27	DIV 27	Per Spec		
PC	Patch Cable	O	O			
BLANK ROW						
AP	Wireless Access Point	DIV 27	DIV 27	Per Spec		
DR-1	Two Post 19" Data Rack, 7'H	DIV 27	DIV 27	Per Spec		
FH-2	Fiber Housing, 2U	DIV 27	DIV 27	Per Spec		
HCM-2	Horizontal Cable Manager, 2U	DIV 27	DIV 27	Per Spec		
HBT-8	Horizontal Wire Basket Tray, 4" x 8"	DIV 27	DIV 27	Per Spec		
HBT-12	Horizontal Wire Basket Tray, 4" x 12"	DIV 27	DIV 27	Per Spec		
PDU	Power Distribution Unit	DIV 27	DIV 27	Per Spec		
PP-1	48 Port, Modular Patch Panel	DIV 27	DIV 27	Per Spec		
VBT-18	Vertical Wall Mounted Wire Basket Tray, 4" x 18"	DIV 27	DIV 27	Per Spec		
VCM	Vertical Cable Manager	DIV 27	DIV 27	Per Spec		





TECHNOLOGY SYMBOLS

(NOTE: ALL SYMBOLS SHOWN MAY NOT BE REQUIRED FOR THIS PROJECT)
(NOTE: ALL STANDARD HEIGHT DEVICES BY AFF TO CENTER OF BOX UNLESS NOTED OTHERWISE)

*** STRUCTURE CABLING DEVICES ***

- ▶ INFORMATION JACK FOR VOICE OR DATA USE. MATCH RECEPTACLE HEIGHT UNLESS OTHERWISE NOTED
 - W - INDICATES CABLE AND JACK QUANTITY
 - W - INDICATES WALL PHONE PLATE AT 48" TO CENTER OF BACKBOX UNLESS OTHERWISE NOTED
 - ▶ - MOUNTED ABOVE COUNTERTOP OR 4" ABOVE BACKPLASH UNLESS OTHERWISE NOTED
 - ▶ - INDICATES MULTIPLE CABLE TYPES AS NOTED ON DRAWINGS
- ▶ INFORMATION JACK FOR VOICE OR DATA USE - ABOVE CEILING
 - W - INDICATES CABLE AND JACK QUANTITY
- ▶ WIRELESS ACCESS POINT (WAP) - CEILING MOUNTED. ONE INFORMATION JACKS FOR DATA BY TELECOMMUNICATION CONTRACTOR
- ▶ WIRELESS ACCESS POINT (WAP) - WALL MOUNTED. ONE INFORMATION JACKS FOR DATA BY TELECOMMUNICATION CONTRACTOR
- ▶ CATV SYSTEM OUTLET
- CLOCK - CEILING MOUNTED
 - X - INDICATES PLAN MARK OF CLOCK DEVICE. SEE CLOCK SCHEDULE
- CLOCK - WALL MOUNTED
 - X - INDICATES PLAN MARK OF CLOCK DEVICE. SEE CLOCK SCHEDULE
- ▶ EMERGENCY COMMUNICATION DEVICE. ONE INFORMATION JACK FOR VOICE OR DATA
 - X - INDICATES PLAN MARK OF EMERGENCY COMMUNICATION DEVICE. SEE EMERGENCY COMMUNICATION SCHEDULE
- ▶ EMERGENCY COMMUNICATION DEVICE - WALL MOUNTED. ONE INFORMATION JACK FOR VOICE OR DATA
 - X - INDICATES PLAN MARK OF EMERGENCY COMMUNICATION DEVICE. SEE EMERGENCY COMMUNICATION SCHEDULE
- INTERCOM SPEAKER - CEILING MOUNTED
 - X - INDICATES PLAN MARK OF INTERCOM DEVICE. SEE INTERCOM SCHEDULE
- INTERCOM SPEAKER - WALL MOUNTED
 - X - INDICATES PLAN MARK OF INTERCOM DEVICE. SEE INTERCOM SCHEDULE
- ▶ INTERCOM DEVICE
 - X - INDICATES PLAN MARK OF INTERCOM DEVICE. SEE INTERCOM SCHEDULE

*** TYPICAL EQUIPMENT ***

- XX EQUIPMENT DESIGNATION PER EQUIPMENT SCHEDULE
- TECHNOLOGY RACK - 2 POST CLEARANCE BORDER
- TECHNOLOGY RACK - 4 POST CLEARANCE BORDER
- TECHNOLOGY RACK - SLIDE OUT
- TECHNOLOGY RACK - SWING OUT CLEARANCE BORDER
- SPECIAL CABINET AS NOTED - SURFACE MOUNTED
- SPECIAL CABINET AS NOTED - RECESSED MOUNTED
- GROUND BAR

*** TYPICAL RACEWAYS ***

- WIRE BASKET
- LADDER RACK
- CABLE J-HOOKS
- SPLICE CONNECTION FROM EXISTING TO NEW
- CONDUIT STUB
- CONDUIT CONTINUATION
- CONDUIT TURNING UP
- CONDUIT TURNING DOWN
- PULL BOX
- JUNCTION BOX - IN FLOOR BOX OR CEILING
- JUNCTION BOX - WALL MOUNTED
- MULTI-DEVICE RACEWAY AS NOTED
 - FEED POINT / JUNCTION BOX
- FURNITURE FEED
- FURNITURE FEED - WALL MOUNTED

*** TYPICAL DEVICES ***

- FLOOR BOX / POKE THRU WITH SERVICES AS NOTED
- WALL BOX WITH SERVICES AS NOTED
- ANY WIRING DEVICE WITH THIS SYMBOL INDICATES SURFACE MOUNTED OUTLET BOX

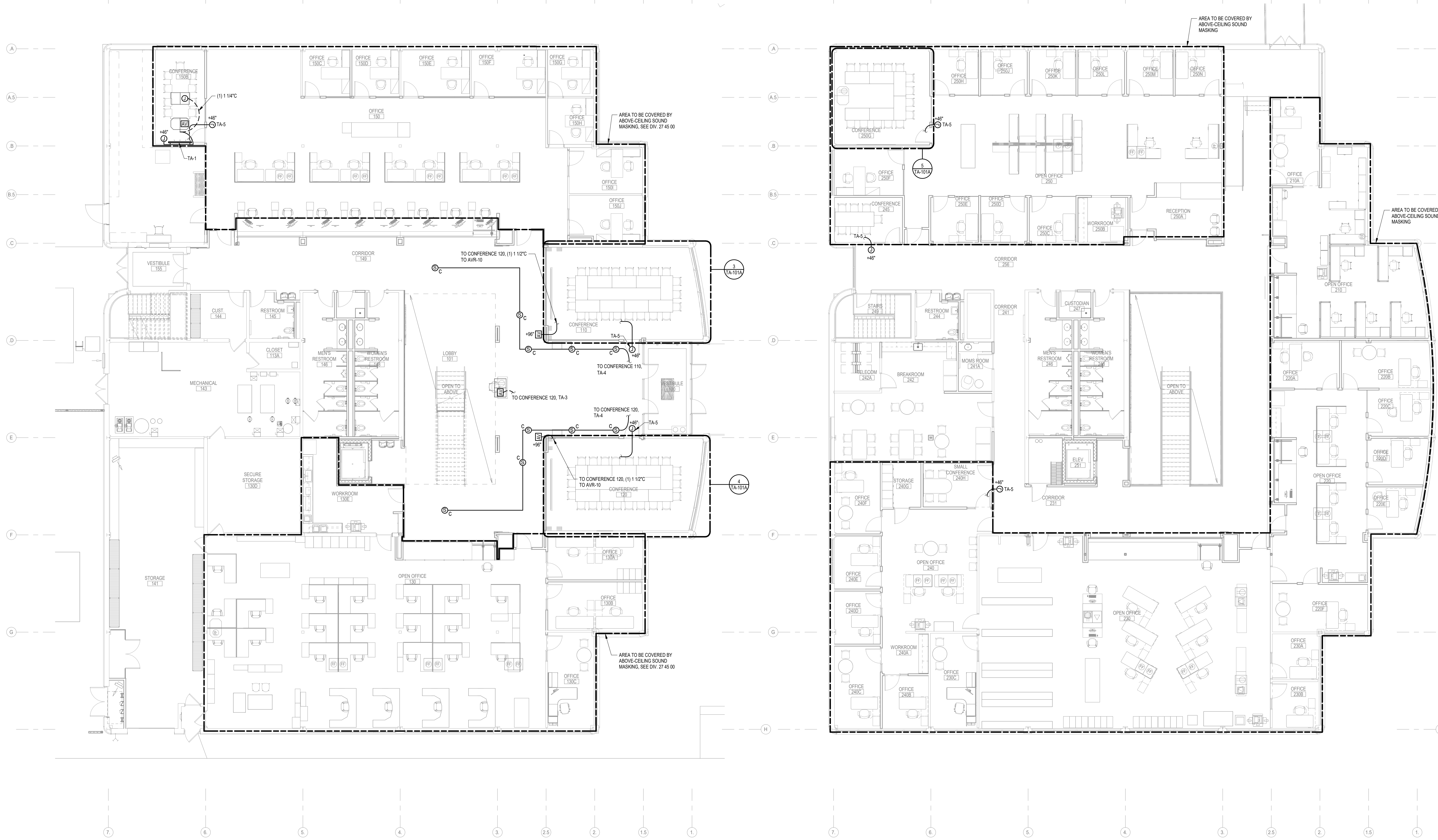
GENERAL TELECOMMUNICATIONS NOTES:

1. THE DIVISION 28 CONTRACTOR SHALL STUDY ALL TELECOM PLANS INCLUDING READING ALL TELECOM GENERAL AND SPECIFIC NOTES FOR INSTRUCTIONS THAT WILL AFFECT OR PERTAIN TO THE ELECTRICAL CONTRACTOR.
2. THE DIVISION 28 CONTRACTOR SHALL PROVIDE AND INSTALL ALL TELECOM CONDUITS TO ACCESSIBLE CEILING SPACES (THEY SHALL NOT BE TERMINATED ABOVE HARD LIDS OR IN EXPOSED AREAS) UNLESS INSTRUCTED OTHERWISE. STUB ALL TELECOM CONDUITS TO THE ACCESSIBLE CEILING SPACE IN THE SAME ROOM AS THE DEVICES.
3. THE DIVISION 28 CONTRACTOR SHALL NOT DRAIN ANY VOICE/DATA CABLING OR AV CABLING CONDUITS WHEN ROUTING FROM BOXES TO ACCESSIBLE CEILING SPACES, ETC.
4. THE DIVISION 28 CONTRACTOR SHALL PROVIDE AND INSTALL BUSHINGS ON ALL TELECOM CONDUITS AT THE TIME OF CONDUIT INSTALLATION.
5. COORDINATE ROUTING OF RACEWAY AND EQUIPMENT TO MAINTAIN ACCESS TO FILTERS, MOTORS, ELECTRICAL EQUIPMENT AND CONTROLS. IN NO CASE SHALL RACEWAY CABLING BUNDLES OR EQUIPMENT PASS DIRECTLY OVER ELECTRICAL PANELS OR DISCONNECTS OR RESTRICT ACCESS TO ANY ELECTRICAL EQUIPMENT INCLUDING JUNCTION BOXES.
6. CONDUIT MINIMUM SIZES SHALL BE PER THE ELECTRICAL RACEWAY SPECIFICATIONS UNLESS NOTED OTHERWISE.
7. THE DIVISION 28 CONTRACTOR SHALL VERIFY ALL QUANTITIES.
8. THE DIVISION 28 CONTRACTOR SHALL FASTEN ALL EQUIPMENT TO STRUCTURE SO EVERYTHING IS COMPLETELY SOLID.
9. THE DIVISION 27 CONTRACTOR SHALL USE HOOK AND LOOP FASTENERS ON CABLING EXCLUSIVELY. NO THE WRAPS. EXCEPTION: THE WRAPS MAY BE USED LOOSELY FOR DRESSING CABLES DURING INSTALLATION, BUT SHALL BE REMOVED AND REPLACED WITH HOOK AND LOOP FASTENERS BEFORE JOB IS COMPLETE.
10. THE MAXIMUM DISTANCE BETWEEN ALL J-HOOKS SHALL BE FIVE FEET. ALL J-HOOKS SHALL BE SIZED TO HAVE AT LEAST 50% CAPACITY AVAILABLE FOR FUTURE GROWTH. CONTRACTOR SHALL NOT FASTEN CABLING TO PIPING, DUCTWORK, CONDUITS, OR ANYTHING OTHER THAN CONTRACTOR INSTALLED J-HOOKS OR CABLE TRAY SUPPORTS FROM STRUCTURE. CONTRACTOR SHALL NOT LAY CABLE OVER PIPING, DUCTWORK, CONDUITS, CEILING GRID/TELES, AND ANY OTHER BUILDING STRUCTURE ELEMENT OR BUILDING SUPPORT SYSTEM DEVICE. USE LOW VOLTAGE PATHWAY ONLY.
11. ALL TELECOM CABLING IN FINISHED SPACES IS TO BE ROUTED CONCEALED IN WALLS, UNLESS SPECIFICALLY NOTED OTHERWISE. ALL EXPOSED CABLING AND CABLING BEHIND INACCESSIBLE CONSTRUCTION (SUCH AS IN WALLS AND ABOVE DRYWALL CEILING) SHALL BE ROUTED IN CONDUIT WHICH IS PROVIDED AND INSTALLED BY THE DIVISION 28 CONTRACTOR. ALL WALL PENETRATIONS SHALL BE SLEEVED WITH CONDUIT.
12. THE CONTRACTOR SHALL NOT PULL ANY CABLING THROUGH CONDUITS THAT DO NOT HAVE THE REQUIRED BUSHINGS INSTALLED. CABLE DAMAGED DUE TO BEING INSTALLED THROUGH CONDUITS WITH NO BUSHINGS SHALL BE REPLACED BY THE CONTRACTOR AT NO CHARGE TO THE OWNER.
13. THE CONTRACTOR SHALL REVIEW THE ARCHITECTURAL PLANS FOR FIRE WALL LOCATIONS, THEN FURNISH AND INSTALL FIRE STOPPING IN ALL TELECOM CONDUITS INCLUDING THOSE WITH CABLING IN THEM AND THOSE TELECOM SLEEVES OR CONDUITS WITHOUT CABLING IN THEM FOR THOSE FIRE WALL LOCATIONS.
14. THE TELECOM STRUCTURED CABLING SHALL NOT HAVE PAINT OR PAINT OVERSPRAY ON THE CABLING JACKET (WHICH MAY DEGRADE THE PERFORMANCE OF THE CABLING AND VOID THE WARRANTY. CABLING WHICH HAS PAINT ON IT SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE (IT CANNOT BE CLEANED MECHANICALLY OR WITH SOLVENTS; IT SHALL BE REPLACED).
15. THE CONTRACTOR SHALL ARRANGE FOR A PRE-INSTALLATION MEETING WITH THE DIVISION 28 CONTRACTOR FOR REVIEW OF SLEEVE PLACEMENT PRIOR TO WORK-BID. THE DIVISION 28 CONTRACTOR SHALL INCLUDE MATERIAL AND LABOR COST FOR AN ALLOWANCE OF 10 EXTRA 2"x2" CONDUIT SLEEVES TO BE USED AS DIRECTED DURING THE PRE-INSTALLATION MEETING OR AS OTHERWISE DIRECTED BY THE DESIGN PROFESSIONAL OR OWNER.

TECHNOLOGY KEYED NOTES

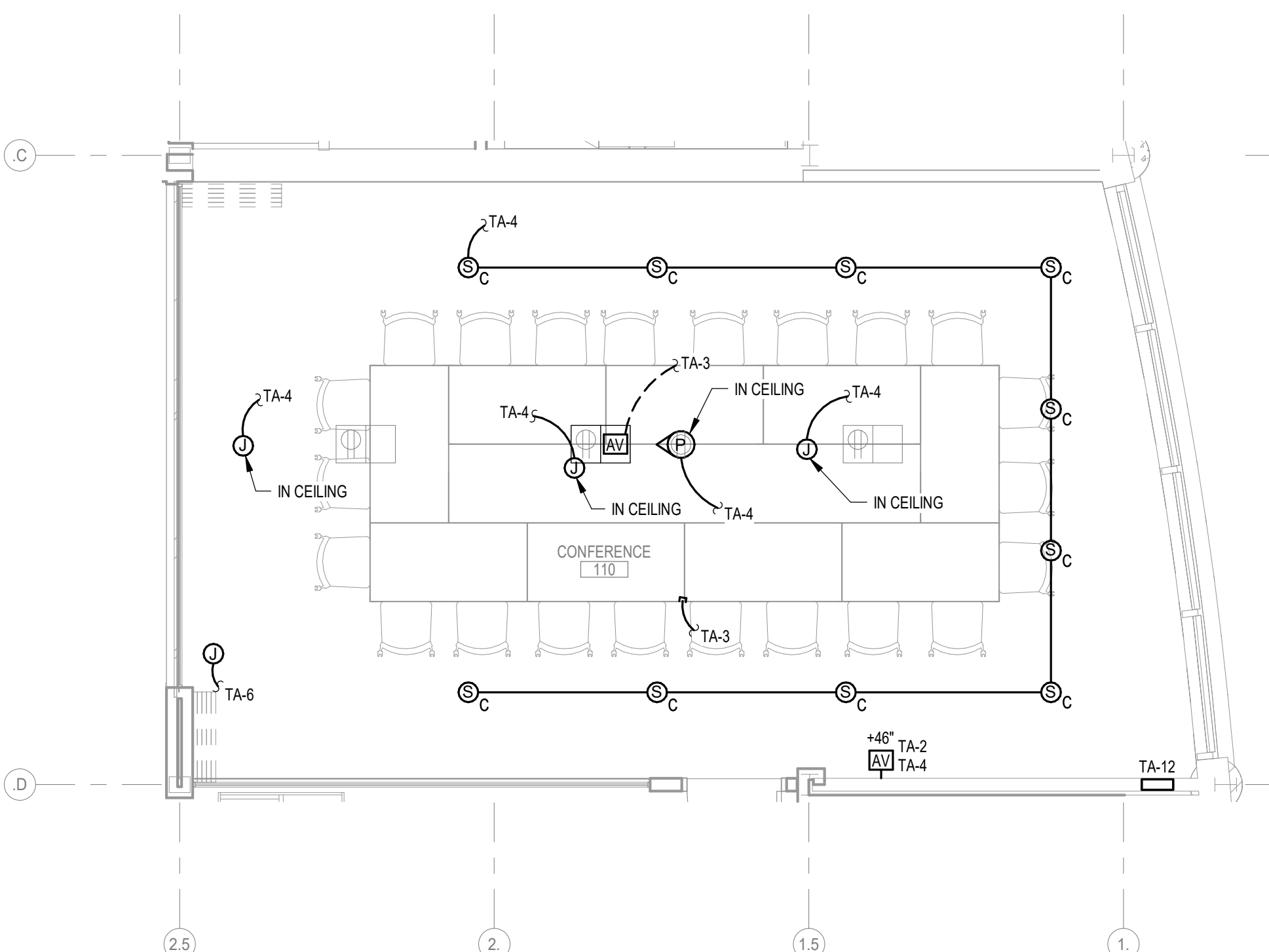
T.1	ABOVE CEILING INFORMATION JACK IS FOR THE WALL MOUNTED ROOM SCHEDULER (RST-6) NOTED ON THE ITA SHEETS. THE PATCH CABLE SHALL EXTEND FROM THE TERMINATED INFORMATION JACK TO THE ROOM SCHEDULER VIA THE DIV. 28 PROVIDED RACEWAY.
T.2	THE VBT IS FOR THE VERTICAL ROUTING AND LASHING OF STRUCTURED CABLING TO THE RACK-MOUNTED FIBER HOLDING PATCH PANELS, AND ASSOCIATED EQUIPMENT. ALL STRUCTURED CABLES SHALL BE NEATLY ROUTED AND DRESSED INTO THE VBT.
T.3	NOT USED
T.4	ROUTE ALL NETWORK CABLES IN BOARD ROOM 301 TO THE ACCESSIBLE CEILING SPACE IN MEETING ROOM 202B BELOW. UTILIZE THE CABLE TRAY IN 202B TO OPEN OFFICE 219 AND 4" UP TO STORAGE/AV ROOM 310P TO GET TO THE SERVING TELECOM RM DATA 312C. UNLESS NOTED OTHERWISE.
T.5	THIS SECTION TO RECEIVE PERMANENT TECHNOLOGY.
T.6	ABOVE CEILING DATA CABLE TO SERVE EXTERIOR CAMERA. REFER TO SECURITY DRAWINGS AND DETAIL TY2800003.

- KEYED NOTES**
- TA-1 LOCATION OF OWNER-PROVIDED DISPLAY FOR REFERENCE ONLY
 - TA-2 ON 05/31 CONTRACTOR SHALL PROVIDE A 5-SQUARE JUNCTION BOX WITH 2-GANG RING
 - TA-3 ROUTE PATHWAY IDENTIFIED IN ACTIVATION BOX SCHEDULE BACK TO ROOMS BY RACK FULL BOX LOCATION
 - TA-4 ROUTE TO BACK TO ROOMS BY RACK FULL BOX LOCATION
 - TA-5 ON 05/31 CONTRACTOR SHALL PROVIDE A 5-SQUARE JUNCTION BOX WITH 2-GANG OPENING 27 1/8" Ø WILL PROVIDE NETWORK PATCH CABLE TO OWNER FOR FUTURE TOUCH PANEL
 - TA-6 FOR FUTURE SCREEN LOW VOLTAGE CONNECTION, 05/31 CONTRACTOR SHALL PROVIDE RACK, 5-SQUARE JUNCTION BOX WITH REAR OF ACCESSIBLE CEILING AND ROUTE SWIC FROM HERE TO RACK IN FULL BOX IN lieu of 1" USED FOR AV ROUGHINS.
 - TA-12 12X12X4 FULL BOX, 4"Ø OPEN TO AV RACK, 1 1/4" TO ACCESSIBLE CEILING AND 1" TO EACH ROUGH-IN UNLESS OTHERWISE KEYNOTED

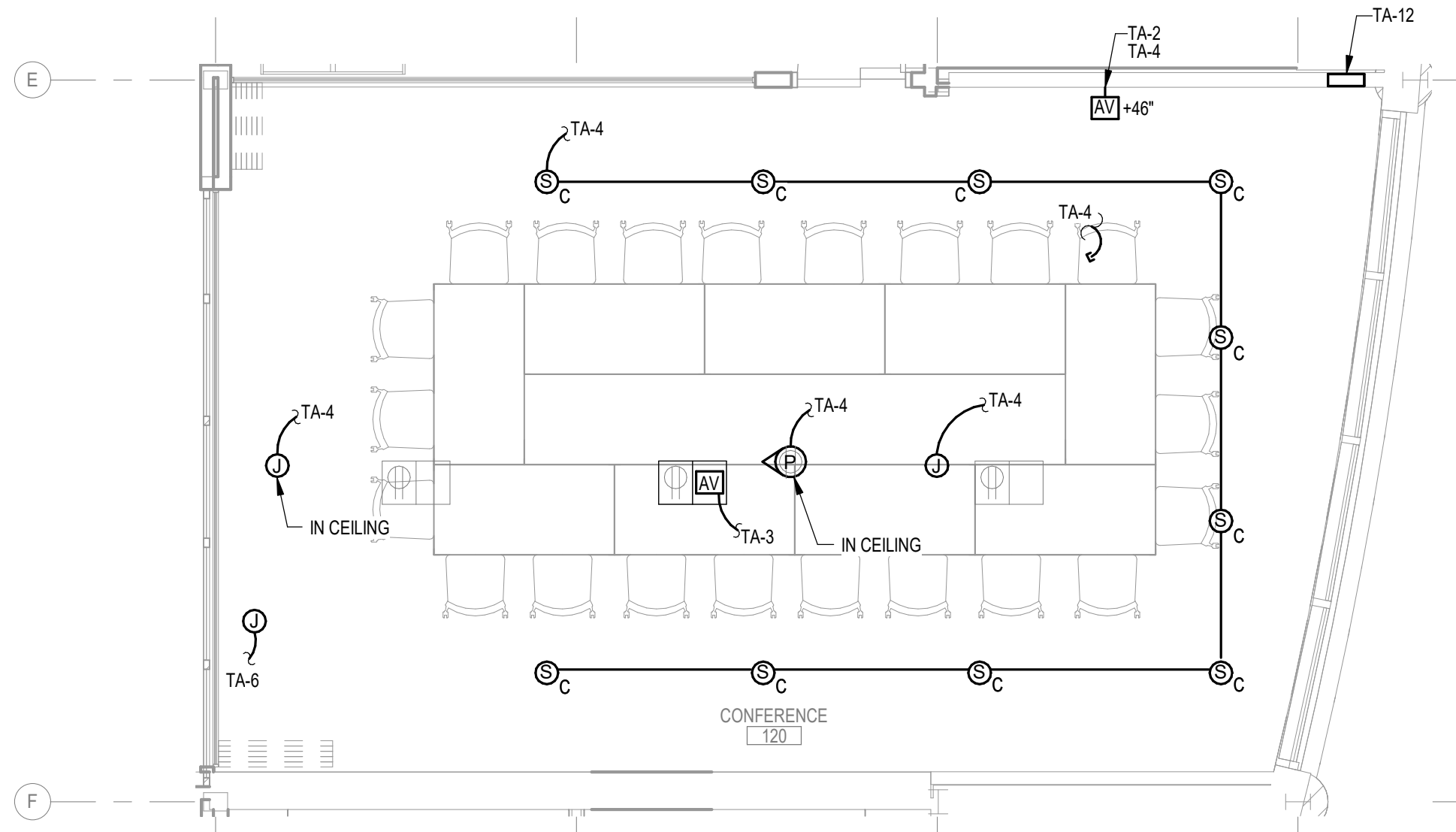


1 ADM - LEVEL 1 AUDIO VISUAL PLAN
1/8" = 1'-0"

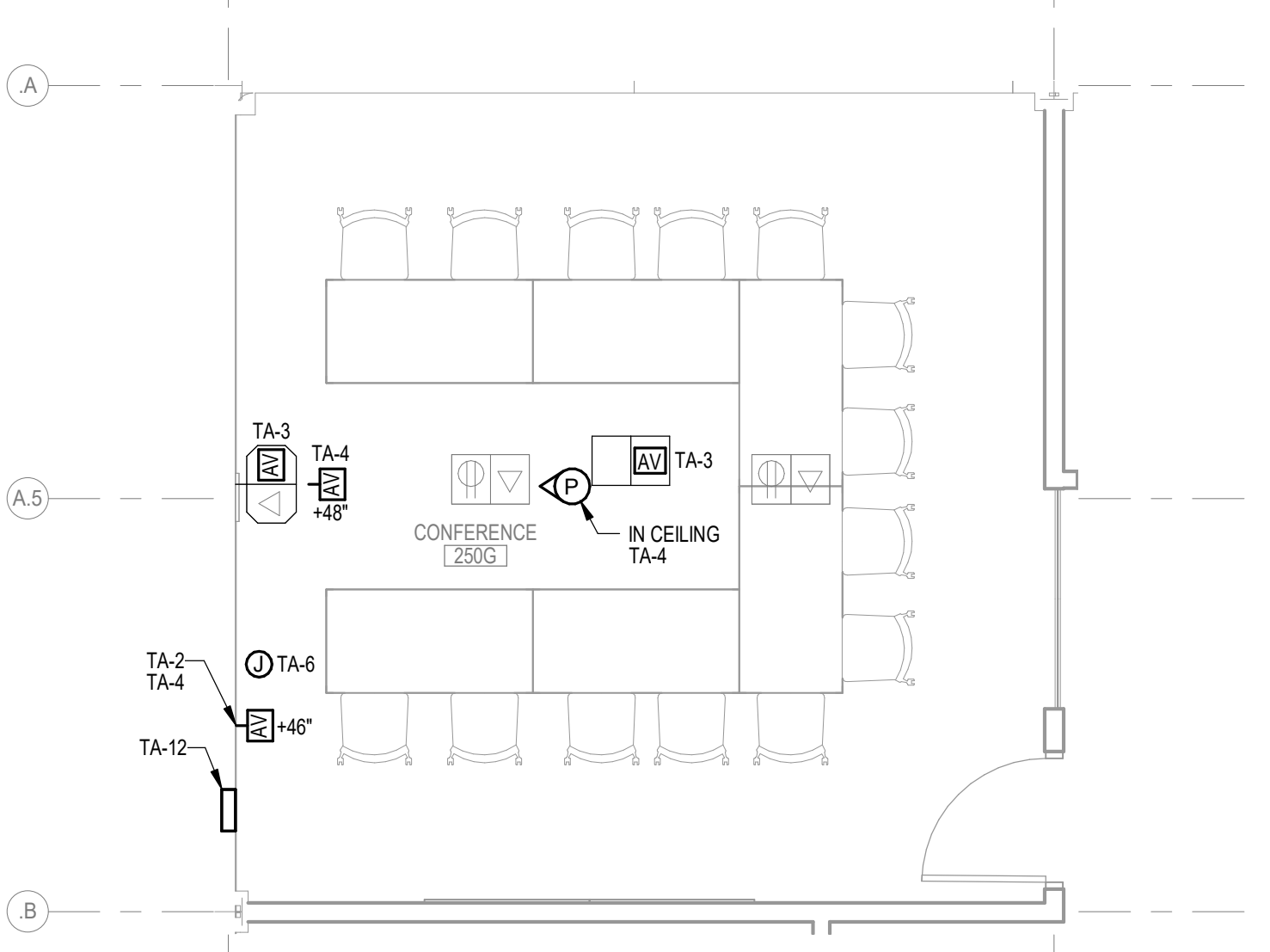
2 ADM - LEVEL 2 AUDIO VISUAL PLAN
1/8" = 1'-0"



3 ADM - CONFERENCE ROOM 110 AUDIO VISUAL ENLARGED PLAN
1/4" = 1'-0"



4 ADM - CONFERENCE ROOM 120 AUDIO VISUAL ENLARGED PLAN
1/4" = 1'-0"



5 ADM - CONFERENCE ROOM 250G AUDIO VISUAL ENLARGED PLAN
1/4" = 1'-0"

ALL PATHWAY SHALL INCLUDE FULL STRING FOR FUTURE INSTALLATION

NEW WORK KEY

—	EXISTING
- - -	NEW / REVISED
▭	EXISTING EQUIPMENT
▭	NEW / REVISED EQUIPMENT

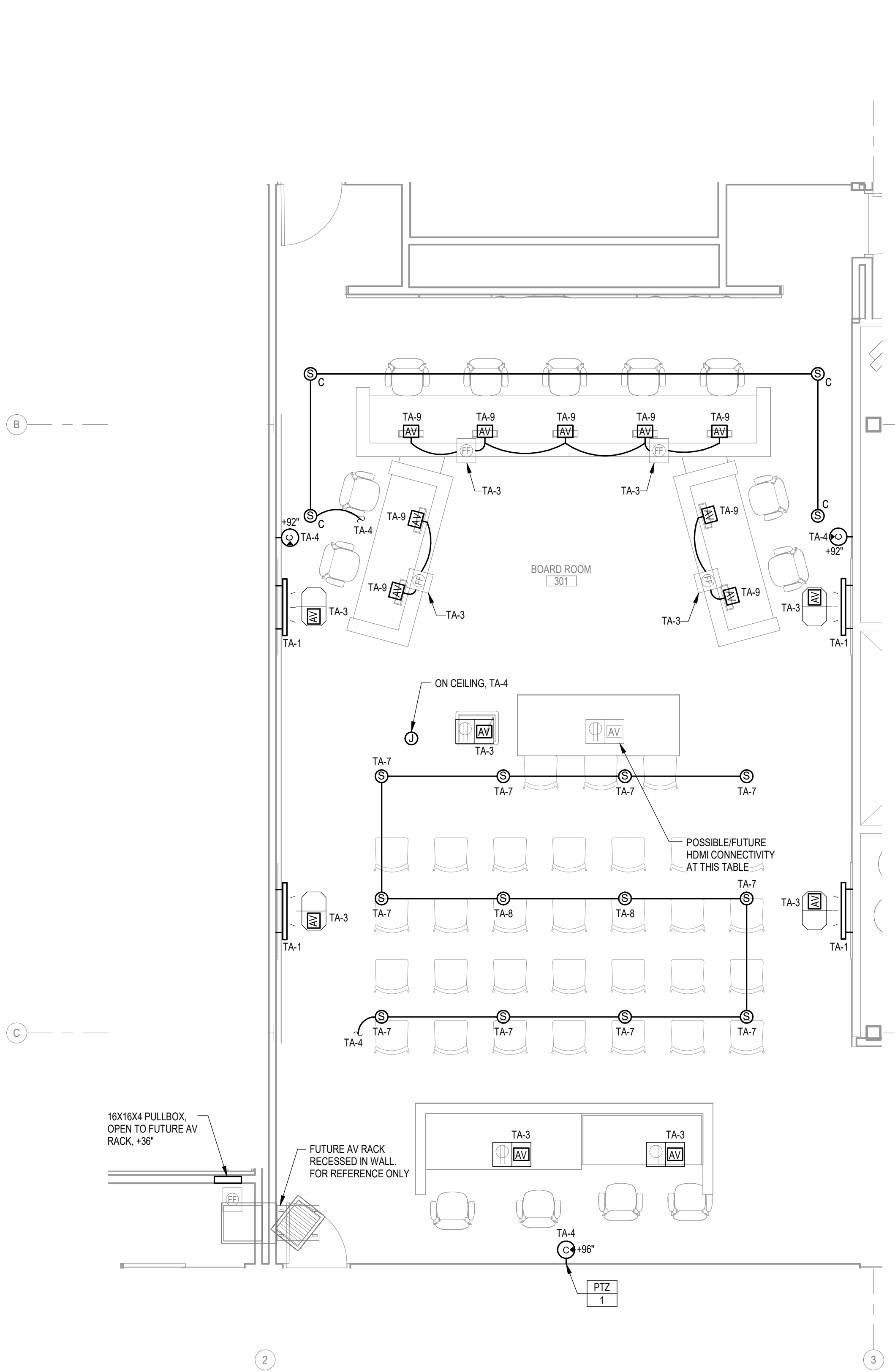
Revision Description Date

AUDIO VISUAL SYMBOLS
(NOTE: ALL SYMBOLS SHOWN MAY NOT BE REQUIRED FOR THIS PROJECT)
(NOTE: ALL STANDARD HEIGHT DEVICES BY AFF TO CENTER OF BOX UNLESS NOTED OTHERWISE)

- *** AUDIO VISUAL DEVICES ***
- SPEAKER OUTLET - CEILING MOUNTED
X - INDICATES PLAN MARK OF SPEAKER DEVICE. SEE AV SCHEDULE
 - SPEAKER OUTLET - WALL MOUNTED
X - INDICATES PLAN MARK OF SPEAKER DEVICE. SEE AV SCHEDULE
 - MICROPHONE OUTLET (OUR ONLY) - IN FLOOR BOX OR CEILING MOUNTED
 - MICROPHONE OUTLET (OUR ONLY) - WALL MOUNTED
 - VOLUME CONTROL - WALL MOUNTED
 - PROJECTOR - CEILING MOUNTED
 - PROJECTOR - WALL MOUNTED
 - PROJECTION SCREEN - CEILING MOUNTED
P - INDICATES MANUAL SCREEN
M - INDICATES MOTORIZED SCREEN
 - PROJECTION SCREEN - WALL MOUNTED
P - INDICATES MANUAL SCREEN
M - INDICATES MOTORIZED SCREEN
 - ELECTRONIC DISPLAY - CEILING MOUNTED
 - ELECTRONIC DISPLAY - WALL MOUNTED
 - AUDIO VISUAL ANTENNA
 - AUDIO VISUAL DEVICE
 - AUDIO VISUAL DEVICE - WALL MOUNTED
- *** TYPICAL EQUIPMENT ***
- EQUIPMENT DESIGNATION PER EQUIPMENT SCHEDULE
 - TECHNOLOGY RACK - 2 POST CLEARANCE BORDER
 - TECHNOLOGY RACK - 4 POST CLEARANCE BORDER
 - TECHNOLOGY RACK - SLIDE OUT
 - TECHNOLOGY RACK - SWING OUT CLEARANCE BORDER
 - SPECIAL CABINET AS NOTED - SURFACE MOUNTED
 - SPECIAL CABINET AS NOTED - RECESSED MOUNTED
 - GROUND BAR
- *** TYPICAL RACEWAYS ***
- WIRE BASKET
 - LADDER RACK
 - SPLINE TRAY
H - INDICATES WIDTH IN INCHES
H - INDICATES HEIGHT IN INCHES
 - HALF SPLINE TRAY
H - INDICATES WIDTH IN INCHES
H - INDICATES HEIGHT IN INCHES
 - CABLE J-HOOKS
 - SPLICE CONNECTION FROM EXISTING TO NEW
 - CONDUIT STRIP
 - CONDUIT CONTINUATION
 - CONDUIT TURNING UP
 - CONDUIT TURNING DOWN
 - PULL BOX
 - JUNCTION BOX - IN FLOOR BOX OR CEILING
 - JUNCTION BOX - WALL MOUNTED
 - FURNITURE FEED
 - FURNITURE FEED - WALL MOUNTED
- *** TYPICAL DEVICES ***
- FLOOR BOX / POKE THRU WITH SERVICES AS NOTED
 - WALL BOX WITH SERVICES AS NOTED
 - ANY WIRING DEVICE WITH THIS SYMBOL INDICATES SURFACE MOUNTED OUTLET BOX
 - ANY WIRING DEVICE WITH THIS SYMBOL INDICATES WIRELESS NETWORK CAPABILITY

GENERAL TELECOMMUNICATIONS NOTES:

1. THE DIVISION 26 CONTRACTOR SHALL STUDY ALL TELECOM PLANS INCLUDING READING ALL TELECOM GENERAL AND SPECIFIC NOTES FOR INSTRUCTIONS THAT WILL AFFECT OR PERTAIN TO THE ELECTRICAL CONTRACTOR.
2. THE DIVISION 26 CONTRACTOR SHALL PROVIDE AND INSTALL ALL TELECOM CONDUITS TO ACCESSIBLE CEILING SPACE (THEY SHALL NOT BE TERMINATED ABOVE HARD LIDS OR IN EXPOSED AREAS) UNLESS INSTRUCTED OTHERWISE. STUB ALL TELECOM CONDUITS TO THE ACCESSIBLE CEILING SPACE IN THE SAME ROOM AS THE OPENING.
3. THE DIVISION 26 CONTRACTOR SHALL NOT DARY CHAIN ANY VOICEDATA CABLING OR AV CABLING CONDUITS WHEN ROUTING FROM BOXES TO ACCESSIBLE CEILING SPACES, ETC.
4. THE DIVISION 26 CONTRACTOR SHALL PROVIDE AND INSTALL BUSHINGS ON ALL TELECOM CONDUITS AT THE TIME OF CONDUIT INSTALLATION.
5. COORDINATE ROUTING OF RACEWAY AND EQUIPMENT TO MAINTAIN ACCESS TO FILTERS, MOTORS, ELECTRICAL EQUIPMENT, AND CONTROLS. IN NO CASE SHALL RACEWAY, CABLING BUNDLES, OR EQUIPMENT PASS DIRECTLY OVER ELECTRICAL PANELS OR DISCONNECTS OR RESTRICT ACCESS TO ANY ELECTRICAL EQUIPMENT INCLUDING JUNCTION BOXES.
6. CONDUIT MINIMUM SIZES SHALL BE PER THE ELECTRICAL RACEWAY SPECIFICATIONS UNLESS NOTED OTHERWISE.
7. THE DIVISION 26 CONTRACTOR SHALL VERIFY ALL QUANTITIES.
8. THE DIVISION 27 CONTRACTOR SHALL USE HOOK AND LOOP FASTENERS ON CABLING EXCLUSIVELY. NO TIE WIRING. EXCEPTION: TIE WIRING MAY BE USED LOOSELY FOR PRESSING CABLING DURING INSTALLATION, BUT SHALL BE REMOVED AND REPLACED WITH HOOK AND LOOP FASTENERS BEFORE JOB IS COMPLETE.
9. THE DIVISION 27 CONTRACTOR SHALL USE HOOK AND LOOP FASTENERS ON CABLING EXCLUSIVELY. NO TIE WIRING. EXCEPTION: TIE WIRING MAY BE USED LOOSELY FOR PRESSING CABLING DURING INSTALLATION, BUT SHALL BE REMOVED AND REPLACED WITH HOOK AND LOOP FASTENERS BEFORE JOB IS COMPLETE.
10. THE MAXIMUM DISTANCE BETWEEN ALL J-HOOKS SHALL BE FIVE FEET. ALL J-HOOKS SHALL BE SIZED TO HAVE AT LEAST 50% CAPACITY AVAILABLE FOR FUTURE GROWTH. CONTRACTOR SHALL NOT FASTEN CABLING TO PIPING, DUCTWORK, CONDUITS, OR ANYTHING OTHER THAN CONTRACTOR INSTALLED J-HOOKS OR CABLE TRAY SUPPORTED FROM STRUCTURE. CONTRACTOR SHALL NOT LAY CABLE OVER PIPING, DUCTWORK, CONDUITS, CEILING GRIDFILES, AND ANY OTHER BUILDING STRUCTURE ELEMENT OR BUILDING SUPPORT SYSTEM DEVICE. USE LOW VOLTAGE PATHWAY ONLY.
11. ALL TELECOM CABLING IN FINISHED SPACES IS TO BE ROUTED CONCEALED IN WALLS, UNLESS SPECIFICALLY NOTED OTHERWISE. ALL EXPOSED CABLING AND CABLING BEHIND INACCESSIBLE CONSTRUCTION (SUCH AS IN WALLS AND ABOVE DRYWALL CEILING) SHALL BE ROUTED IN CONDUIT WHICH IS PROVIDED AND INSTALLED BY THE DIVISION 26 CONTRACTOR. ALL WALL PENETRATIONS SHALL BE SLEEVES WITH CONDUIT.
12. THE CONTRACTOR SHALL NOT PULL ANY CABLING THROUGH CONDUITS THAT DO NOT HAVE THE REQUIRED BUSHINGS INSTALLED. CABLE DAMAGED DUE TO BEING INSTALLED THROUGH CONDUITS WITH NO BUSHINGS SHALL BE REPLACED BY THE CONTRACTOR AT NO CHARGE TO THE OWNER.
13. THE CONTRACTOR SHALL REVIEW THE ARCHITECTURAL PLANS FOR FIRE WALL LOCATIONS. THEN, FURNISH AND INSTALL FIRE STOPPING IN ALL TELECOM CONDUITS INCLUDING THOSE WITH CABLING IN THEM AND THOSE TELECOM SLEEVES OR CONDUITS WITHOUT CABLING IN THEM FOR THOSE FIRE WALL LOCATIONS.
14. THE TELECOM STRUCTURED CABLING SHALL NOT HAVE PAINT OR PAINT OVERPRAY ON THE CABLING JACKET WHICH MAY DEGRADE THE PERFORMANCE OF THE CABLING AND VOID THE WARRANTY. CABLING WHICH HAS PAINT ON IT SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. IT CANNOT BE CLEANED MECHANICALLY OR WITH SOLVENTS. IT SHALL BE REPLACED.
15. THE CONTRACTOR SHALL ARRANGE FOR A PRE-INSTALLATION MEETING WITH THE DIVISION 26 CONTRACTOR FOR REVIEW OF SLEEVE PLACEMENT PRIOR TO ROUGH-IN. THE DIVISION 26 CONTRACTOR SHALL INCLUDE MATERIAL AND LABOR COST FOR AN ALLOWANCE OF 10" EXTRA 2" DIA CONDUIT SLEEVES TO BE USED AS DIRECTED DURING THE PRE-INSTALLATION MEETING OR AS OTHERWISE DIRECTED BY THE DESIGN PROFESSIONAL OR OWNER.



AUDIO VISUAL KEYED NOTES

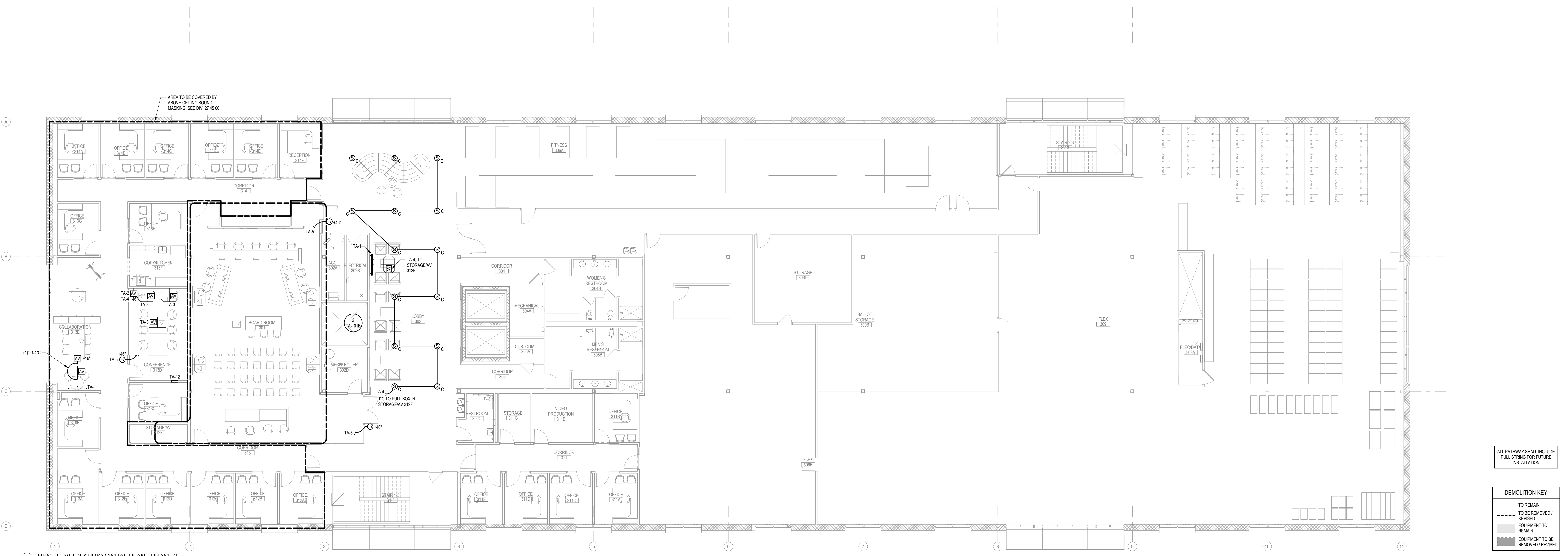
TA-1	LOCATION OF OWNER-PROVIDED DISPLAY FOR REFERENCE ONLY
TA-2	DIV 26 IS CONTRACTOR SHALL PROVIDE A 4-SQUARE JUNCTION BOX WITH 2-GANG RING.
TA-3	ROUTE PATHWAY IDENTIFIED IN ACTIVATION BOX SCHEDULE BACK TO ROOMS AV RACK FULL BOX LOCATION
TA-4	ROUTE BACK TO ROOMS AV RACK FULL BOX LOCATION
TA-5	26 IS CONTRACTOR SHALL PROVIDE A 4-SQUARE BOX WITH 2-GANG OPENING 21" X 10" WILL PROVIDE NETWORK PATCH CABLE TO OWNER FOR FUTURE TOUCHPANEL
TA-6	FOR FUTURE SCREEN LOW VOLTAGE CONNECTION, 26 IS CONTRACTOR SHALL PROVIDE PANEL, SQUARE JUNCTION BOX WITH REACH OF ACCESSIBLE CEILING AND ROUTE 3/4" FROM HERE TO RACK AV PULL BOX IN LIEU OF 1" USED FOR AV RACKS/H&S.
TA-7	LOUDSPEAKER LOCATION SHALL BE A JUNCTION BOX IN LIEU OF BACK CAN USED ELSEWHERE. PROVIDE A 4-SQUARE JUNCTION BOX ABOVE AND WITHIN REACH OF 1" X 2" CEILING TILE LOCATION. COORDINATE WITH DIFFUSER DUCTWORK AND LIGHTING FIXTURES.
TA-8	LOUDSPEAKER LOCATION SHALL BE A JUNCTION BOX IN LIEU OF BACK CAN USED ELSEWHERE. PROVIDE A 4-SQUARE JUNCTION BOX ABOVE AND WITHIN REACH OF 1" X 2" CEILING TILE LOCATION. COORDINATE WITH DIFFUSER DUCTWORK AND LIGHTING FIXTURES.
TA-9	JUNCTION BOXES SHALL BE 2-GANG BELOW WORKSPACE, IN THE KNEE SPACE, OF THE TABLE, AND HAVE A ROUTE TO THE FURNITURE FEED.
TA-10	NOT USED
TA-11	NOT USED
TA-12	15X10X4 PULL BOX - 1/4" OPEN TO AV RACK - 1/4" TO ACCESSIBLE CEILING AND 1" TO EACH ROUGH-IN UNLESS OTHERWISE KEYNOTED.

2 HHS - BOARD ROOM 301 ENLARGED AUDIO VISUAL PLAN - PHASE 2
1/4" = 1'-0"

AUDIOVISUAL SCHEDULE

PLAN MARK	DESCRIPTION	FURNISHED BY	INSTALLED BY	REMARKS	NOTES
S (C)	70V LOUDSPEAKER BACK-CAN FOR OWNER LOUDSPEAKERS (JBL 8138)	DIV 27	DIV 27	JBL MTC-81BB8	

Contractor Shall Check Specifications For Possible Further Details

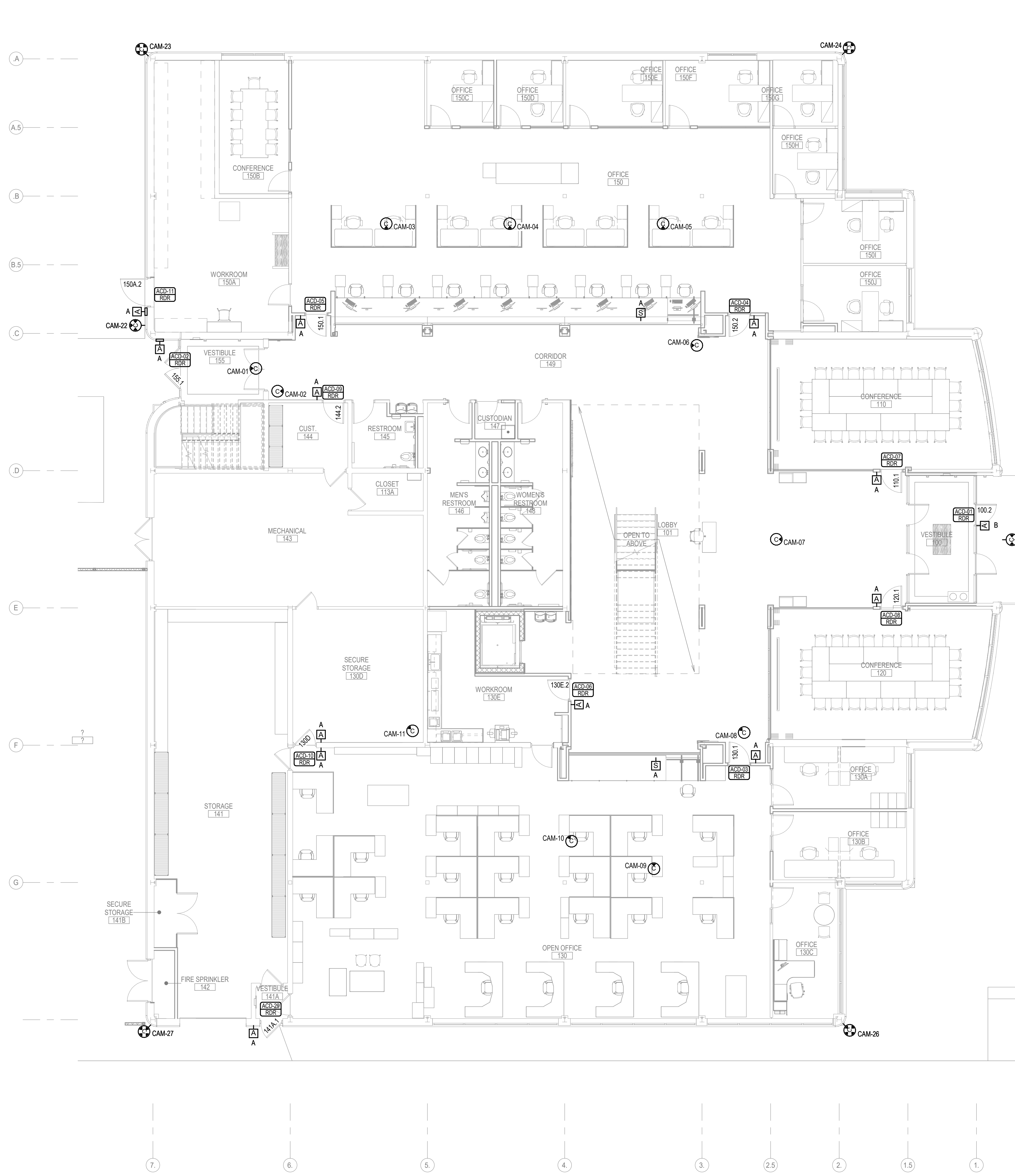


1 HHS - LEVEL 3 AUDIO VISUAL PLAN - PHASE 2
1/8" = 1'-0"

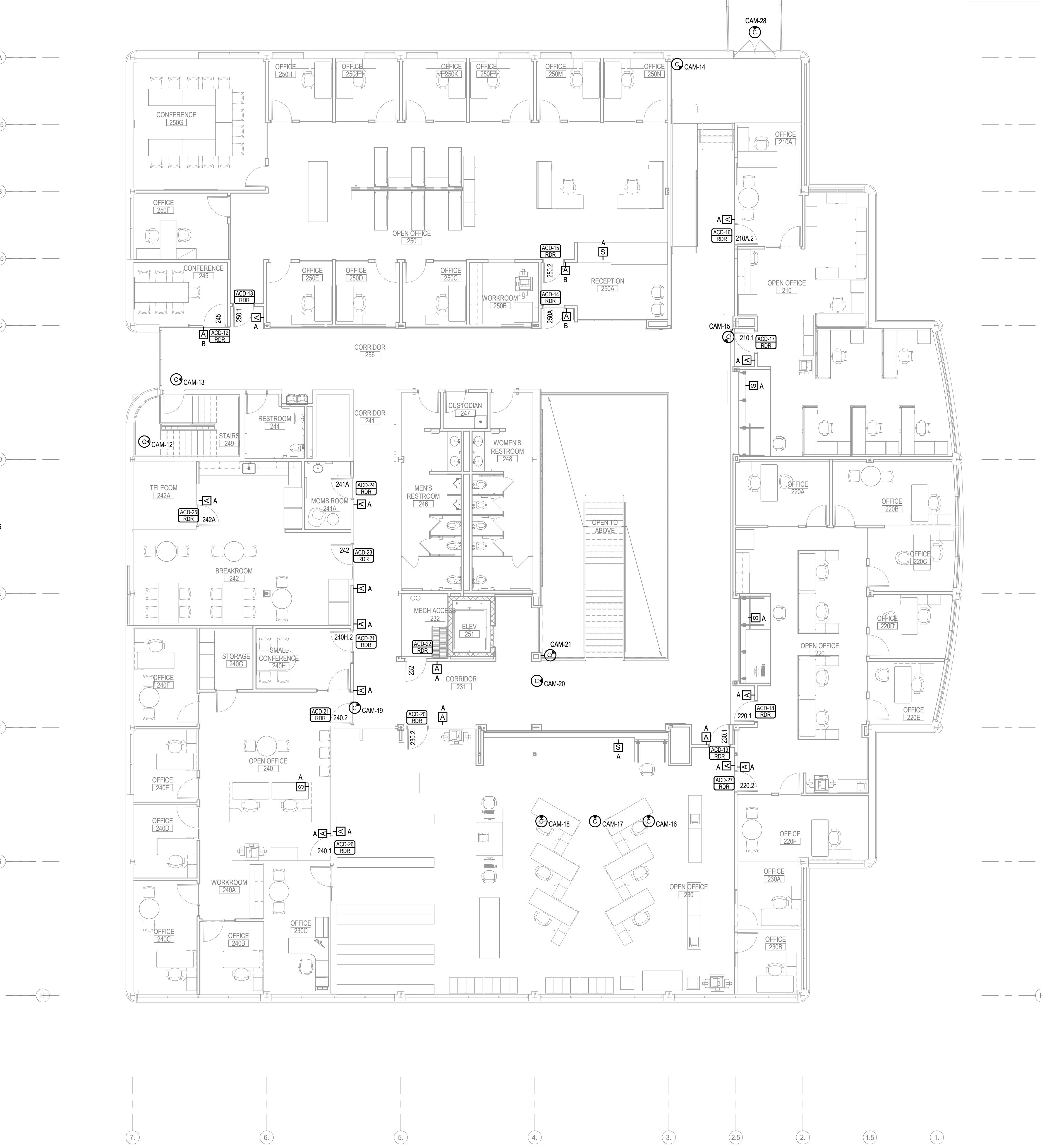
Revision Description Date

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KEYED NOTES



1 ADM - LEVEL 1 SECURITY PLAN
1/8" = 1'-0"

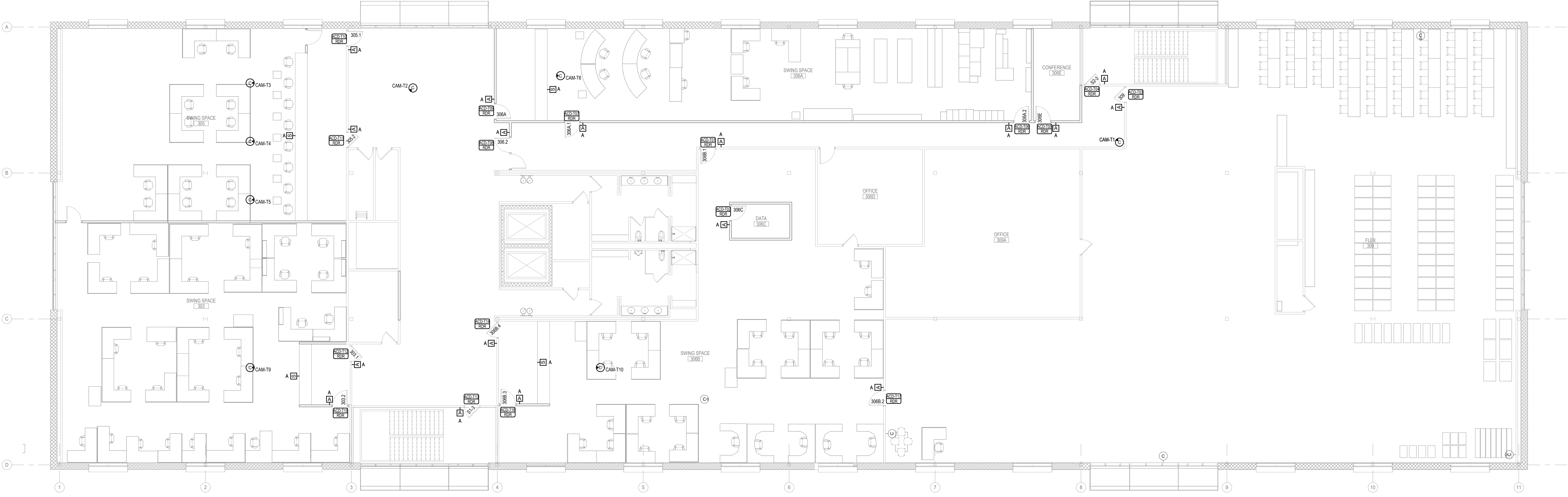


2 ADM - LEVEL 2 SECURITY PLAN
1/8" = 1'-0"

NEW WORK KEY

	EXISTING
	NEW / REVISED
	EXISTING EQUIPMENT
	NEW / REVISED EQUIPMENT

KEYED NOTES



1 HHS - TEMPORARY LEVEL 3 SECURITY PLAN - TEMPORARY
1/8" = 1'-0"



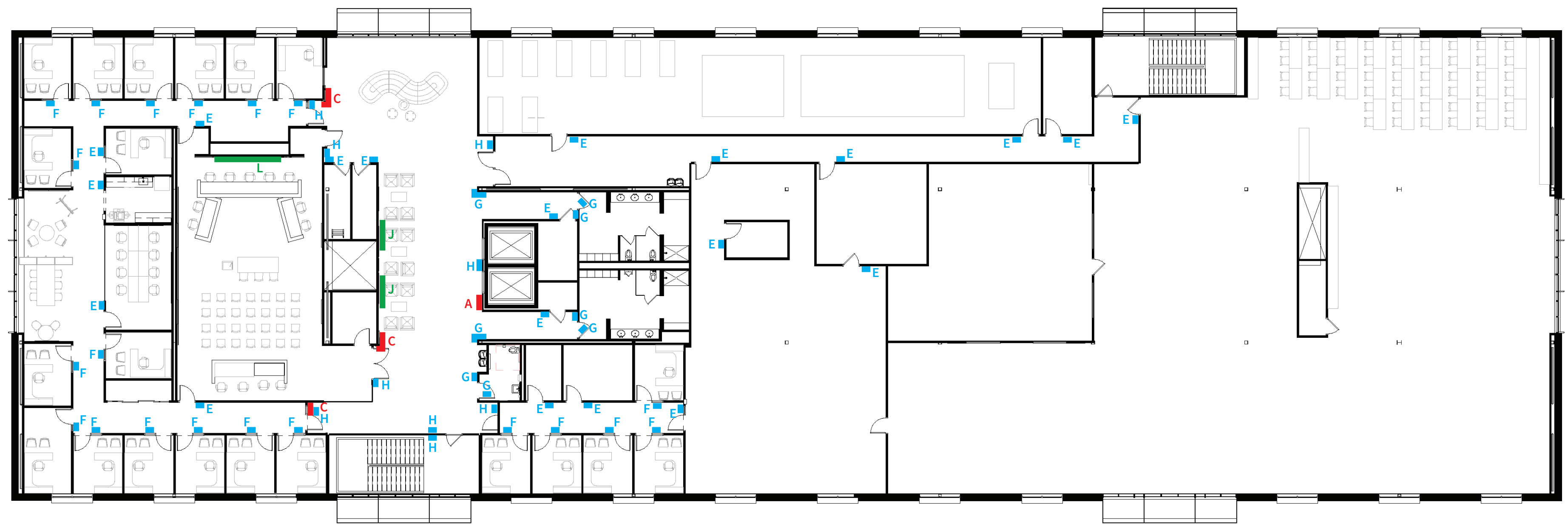
2 HHS - LEVEL 3 SECURITY PLAN - PHASE 2
1/8" = 1'-0"

NEW WORK KEY

- EXISTING
- NEW / REVISED
- EXISTING EQUIPMENT
- NEW / REVISED EQUIPMENT

Revision Description Date

Revision	Description	Date



3 HHS - LEVEL 3 FLOORPLAN
1/16" = 1'-0"

Sign Location Plans

Legend

WAYFINDING
Directories, Directional, and Destination signs to aid building navigation and identify departments.

- Sign Types:
A: DIRECTORY
B: DIRECTIONAL
C: DEPARTMENT
D: OVERHEAD

ROOM SIGN (ADA)
Basic room signs with ADA compliant raised lettering and braille;

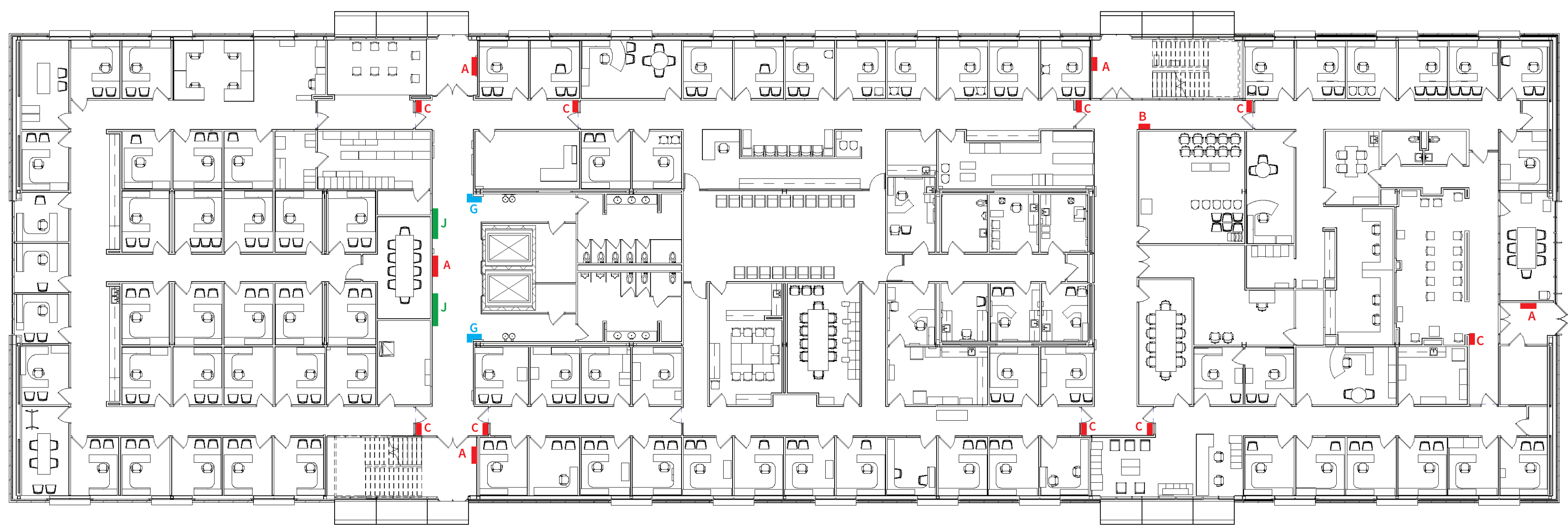
- Sign Types:
E: ROOM IDENTIFICATION
F: OFFICE (name insert)
G: RESTROOM
H: REGULATORY

FEATURE MURAL/GRAPHICS
Themed Iowa/Johnson County printed images, graphics, or text onto material substrates such as fabric, aluminum, pvc, vinyl, or wallpaper.

- Sign Types:
I: INTERPRETIVE
J: IMAGE PANELS
K: PRIVACY VINYL
L: DIMENSIONAL LETTERS

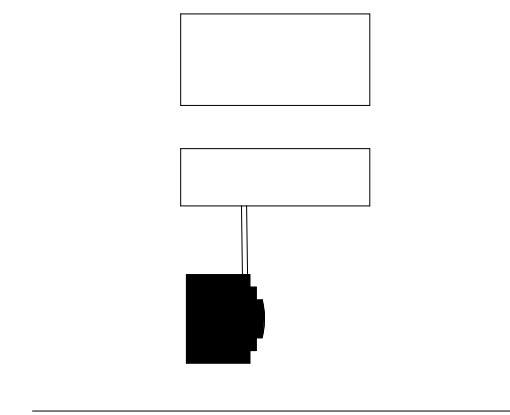


2 HHS EXISTING - LEVEL 2 FLOORPLAN
1/16" = 1'-0"

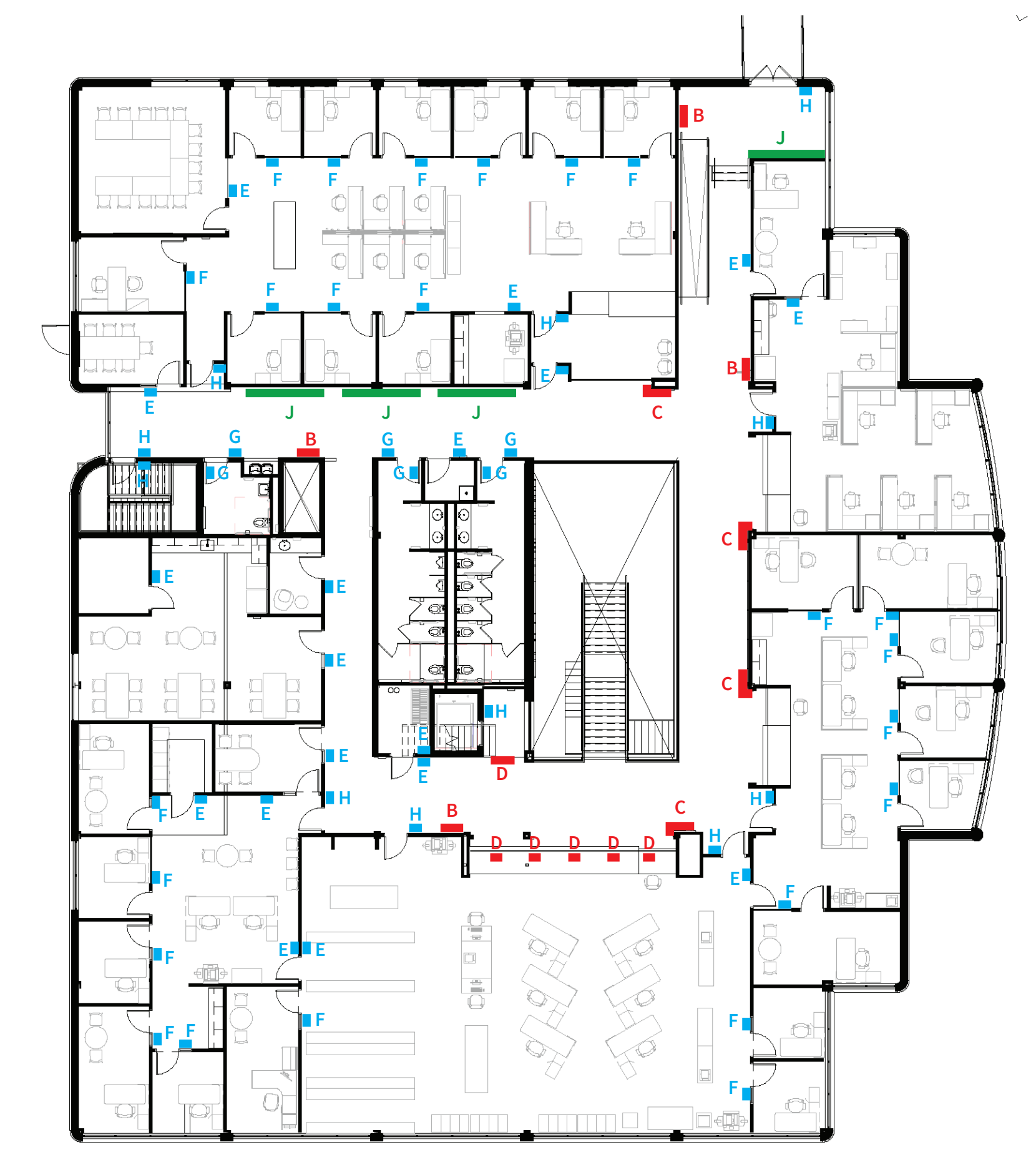


1 HHS EXISTING - LEVEL 1 FLOORPLAN
1/16" = 1'-0"

Key Plan



Revision	Description	Date



6 ADM - LEVEL 2 FLOOR PLAN
1/16" = 1'-0"

Sign Location Plans

Legend

WAYFINDING
Directories, Directional, and Destination signs to aid building navigation and identify departments.

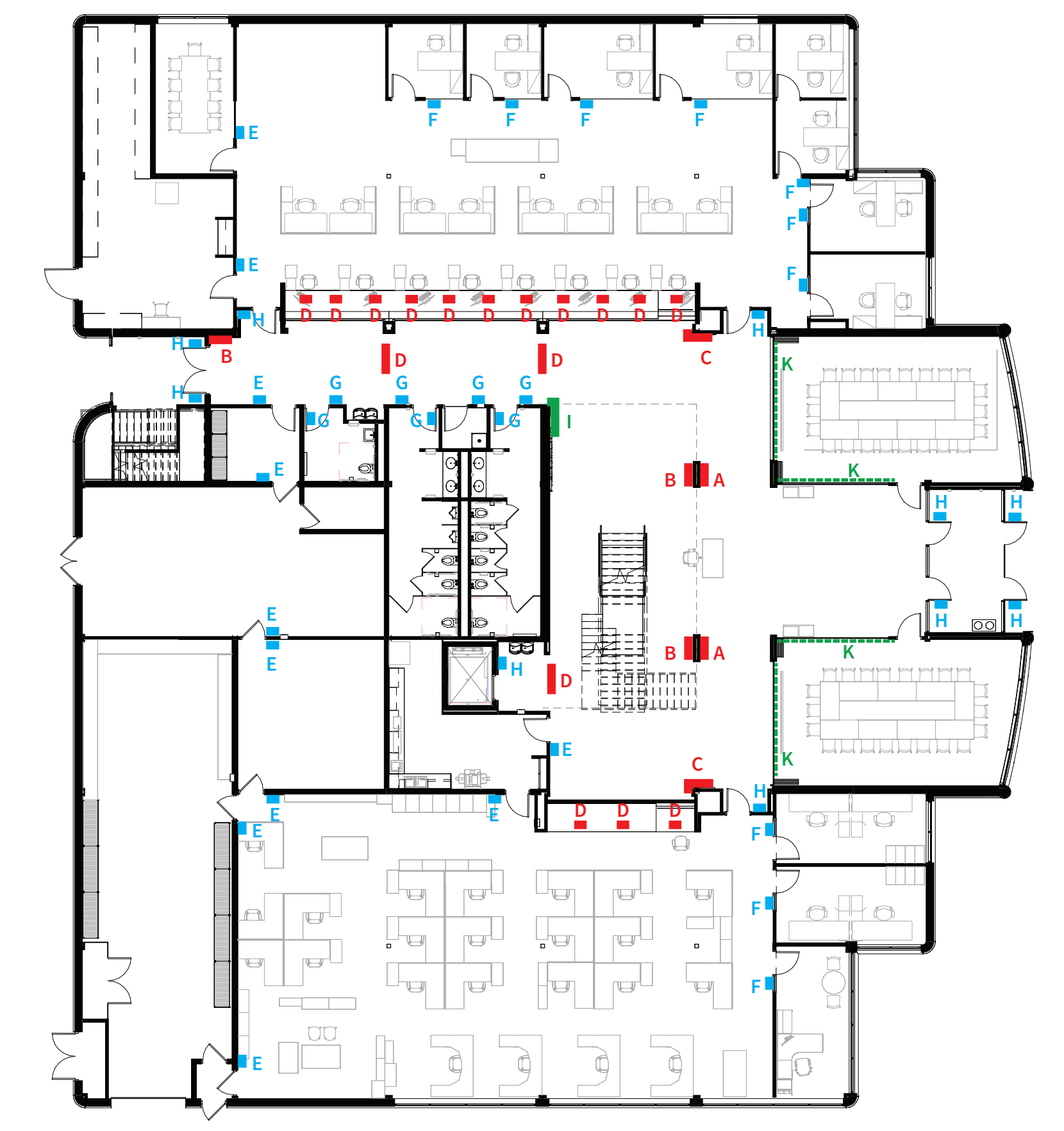
- Sign Types:
A: DIRECTORY
B: DIRECTIONAL
C: DEPARTMENT
D: OVERHEAD

ROOM SIGN (ADA)
Basic room signs with ADA compliant raised lettering and braille;

- Sign Types:
E: ROOM IDENTIFICATION
F: OFFICE (name insert)
G: RESTROOM
H: REGULATORY

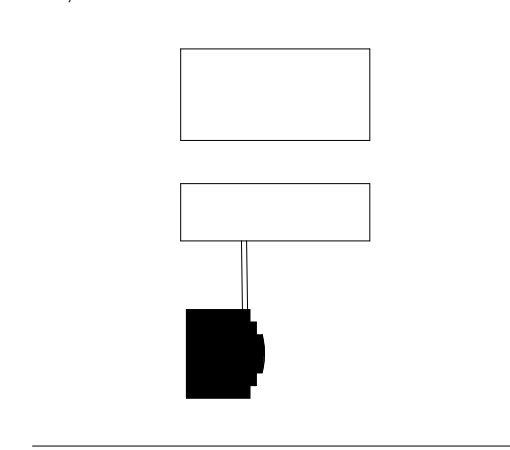
FEATURE MURAL/GRAPHICS
Themed Iowa/Johnson County printed images, graphics, or text onto material substrates such as fabric, aluminum, pvc, vinyl, or wallpaper.

- Sign Types:
I: INTERPRETIVE
J: IMAGE PANELS
K: PRIVACY VINYL
L: DIMENSIONAL LETTERS

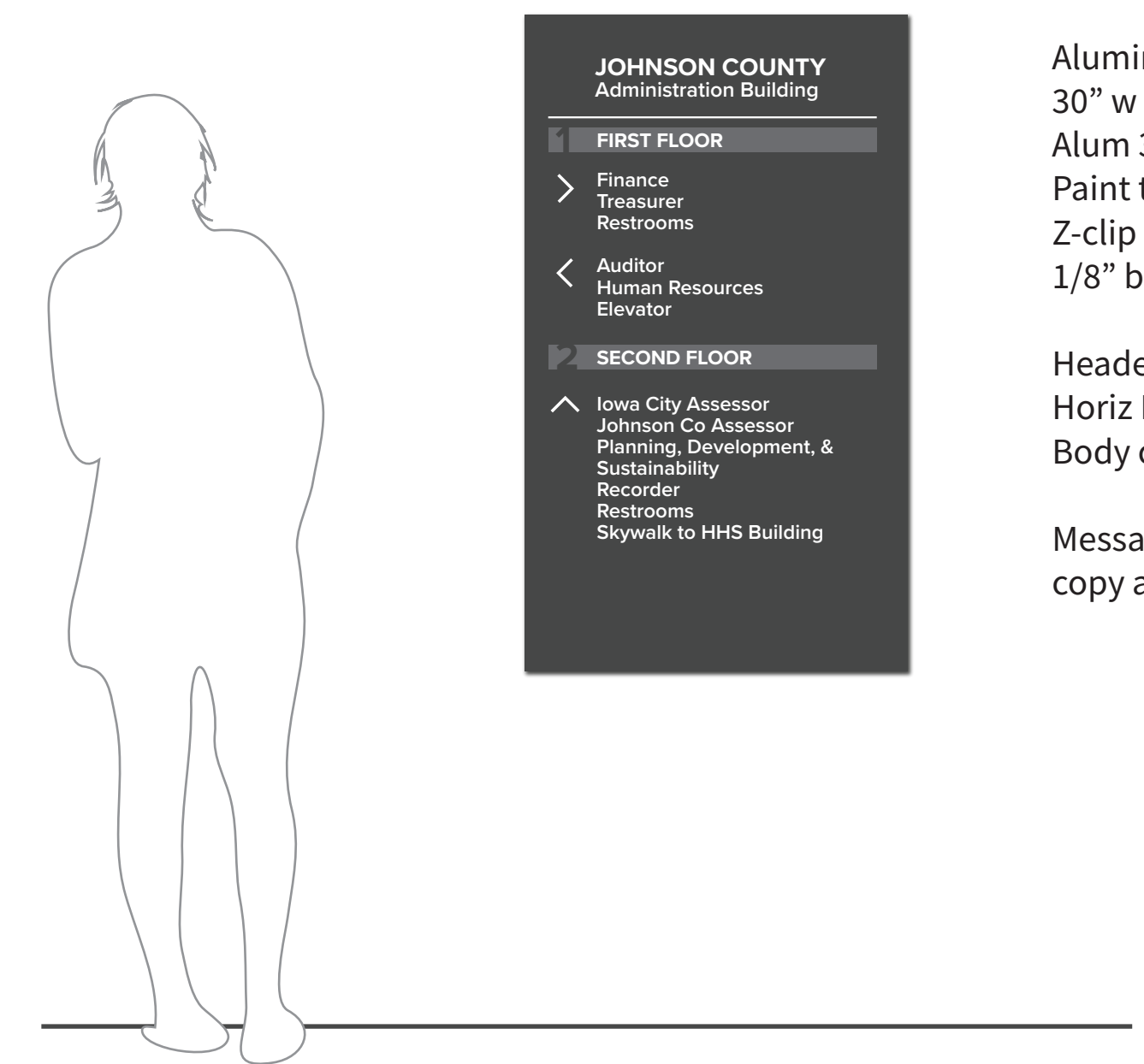


5 ADM - LEVEL 1 FLOOR PLAN
1/16" = 1'-0"

View File



Revision Description Date

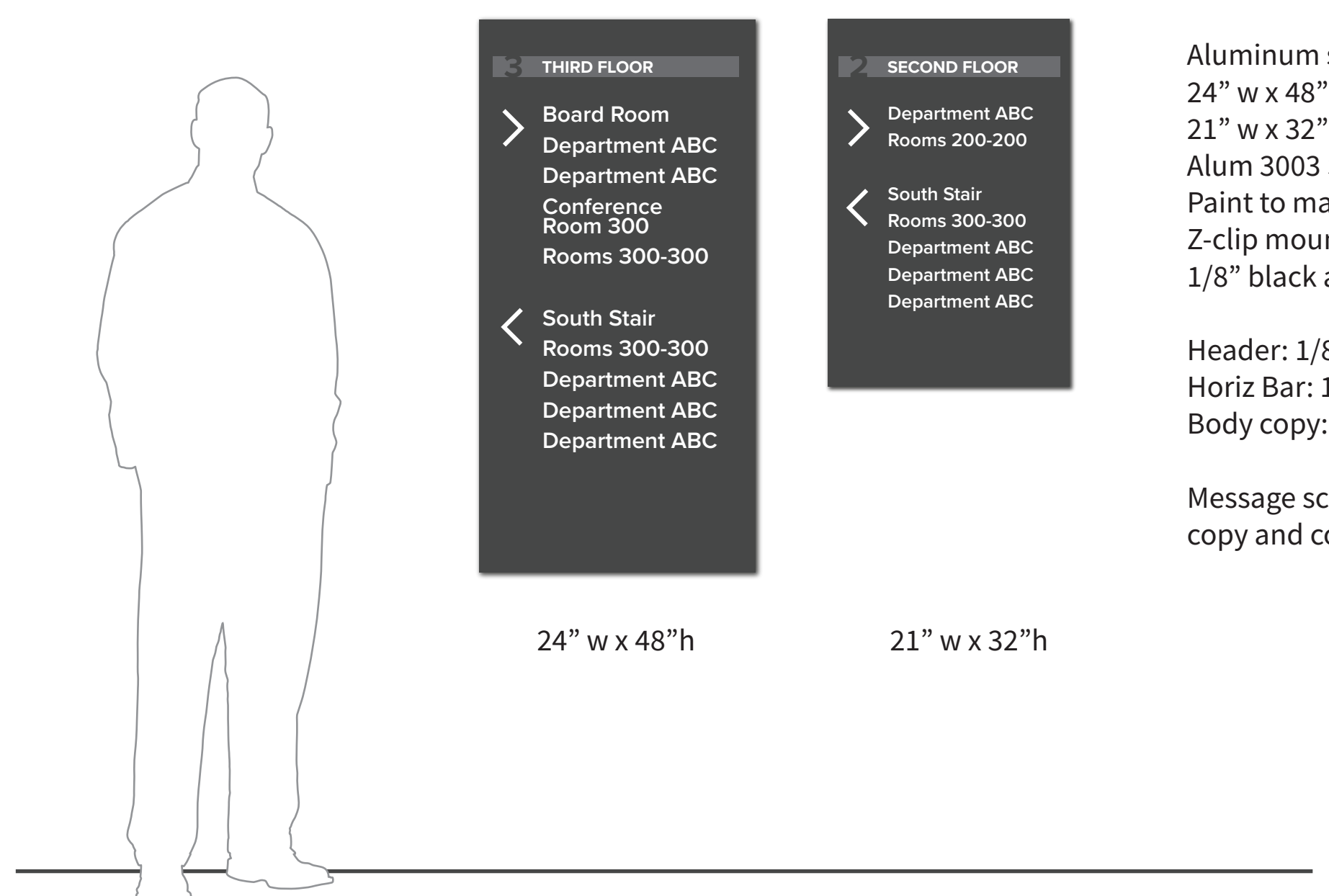


Aluminum sign panel:
30" w x 48" h
Alum 3003 Sheet Stock .125
Paint to match metallic finish TBD
Z-clip mounting hardware
1/8" black acrylic spacer on backside

Header copy: 1/8" acrylic letters - white
Horiz Bars: 1/8" acrylic
Body copy: white vinyl

Message schedule yet to be developed for copy and content of each individual sign

1 SIGN TYPE A: Directory / Building Information
1"=1'-0"

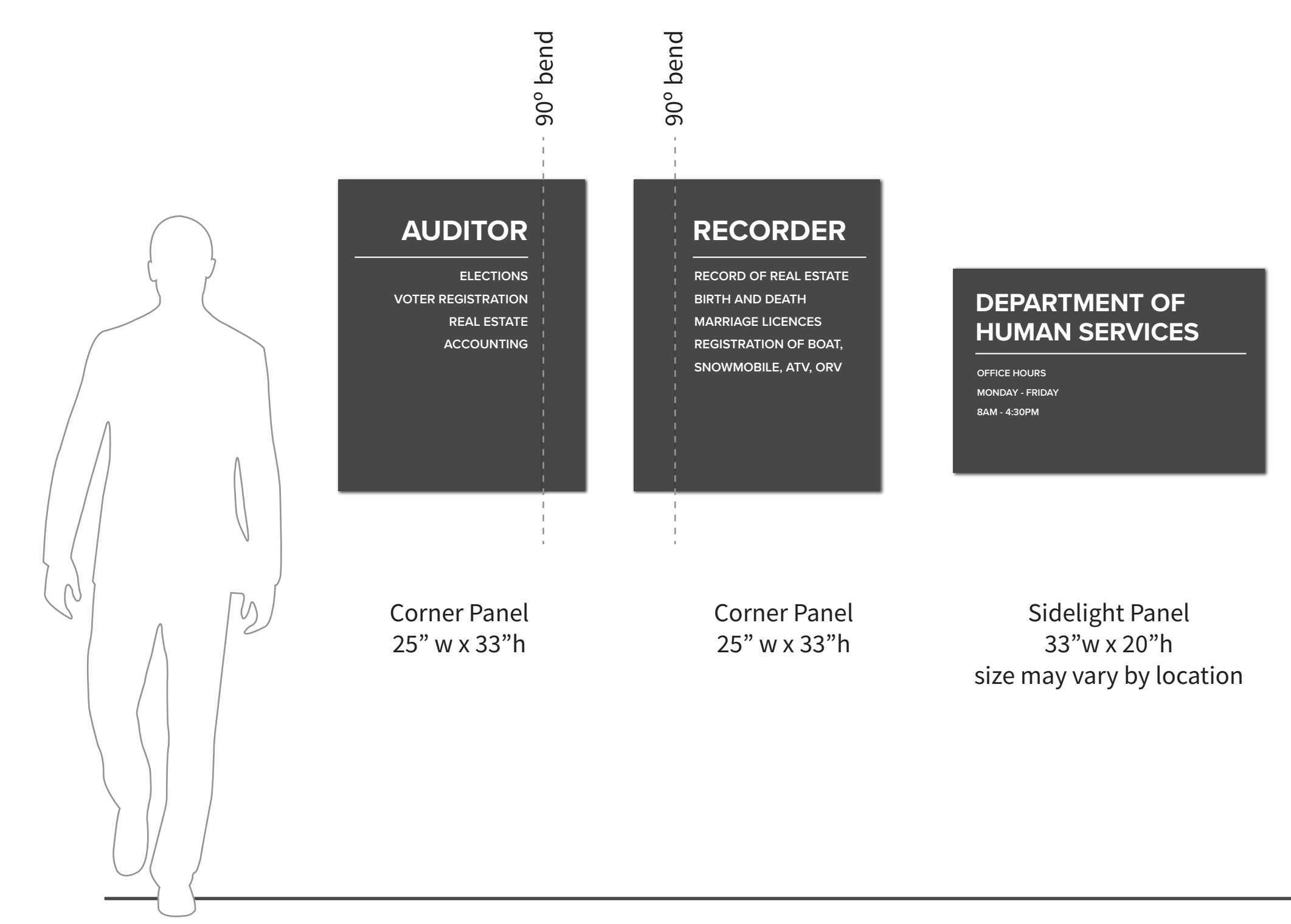


Aluminum sign panel:
24" w x 48" h - Large Directionals
21" w x 32" h - Small Directionals
Alum 3003 Sheet Stock .125
Paint to match metallic finish TBD
Z-clip mounting hardware
1/8" black acrylic spacer on backside

Header: 1/8" acrylic letters - white
Horiz Bar: 1/8" acrylic
Body copy: white vinyl

Message schedule yet to be developed for copy and content of each individual sign

2 SIGN TYPE B: Directional
1"=1'-0"



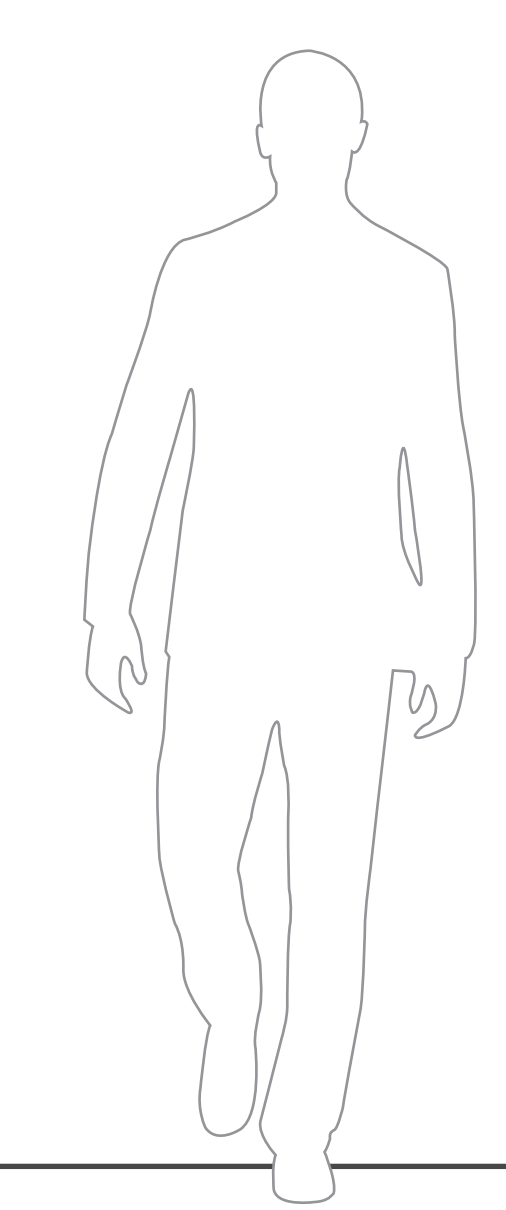
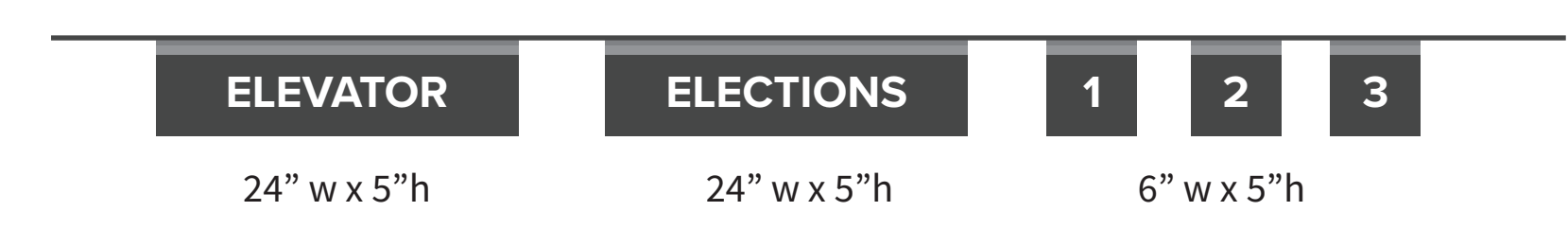
Aluminum sign panel:
Alum 3003 Sheet Stock .125
Paint to match metallic finish TBD
Header: 1/8" acrylic letters - white
Horiz Bar: 1/8" acrylic
Body copy: white vinyl

Corner Panels: 25" w x 33" h with 90° bend at 4" pin mount 1/2" off wall surface

Sidelight Panels: varied widths x 20" h mount to interior of window jam

Message schedule yet to be developed for copy and content of each individual sign

3 SIGN TYPE C: Department
1"=1'-0"

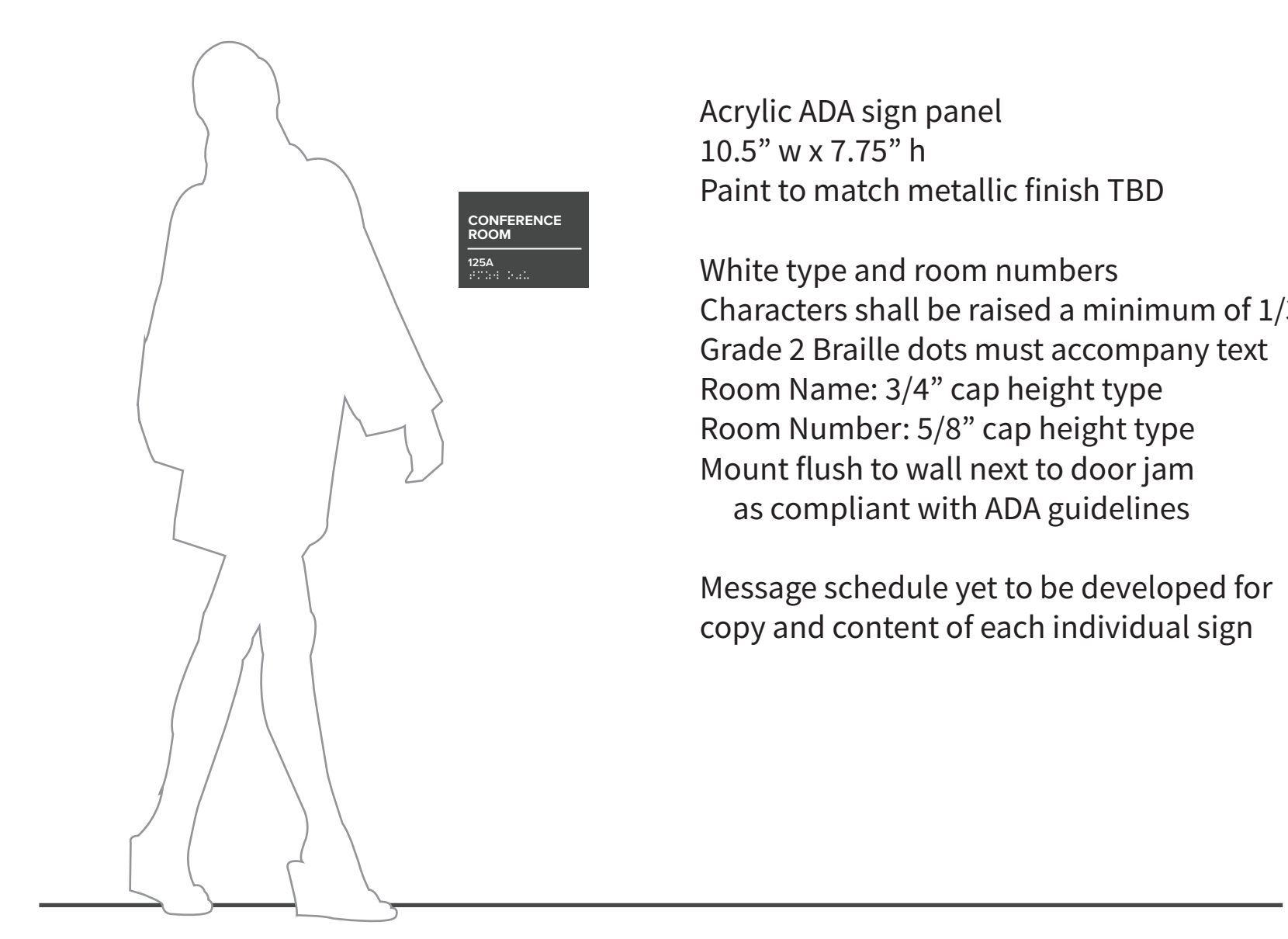


Aluminum sign panel:
Two sided finish and content
24" w x 5" h - Large Overheads
6" w x 5" h - Small Overheads
Alum 3003 Sheet Stock .125
Paint to match metallic finish TBD
Aluminum channel mount to ceiling

1/8" acrylic letters/numbers - white
2" cap height

Message schedule yet to be developed for copy and content of each individual sign

4 SIGN TYPE D: Overhead
1"=1'-0"



Acrylic ADA sign panel
10.5" w x 7.75" h
Paint to match metallic finish TBD

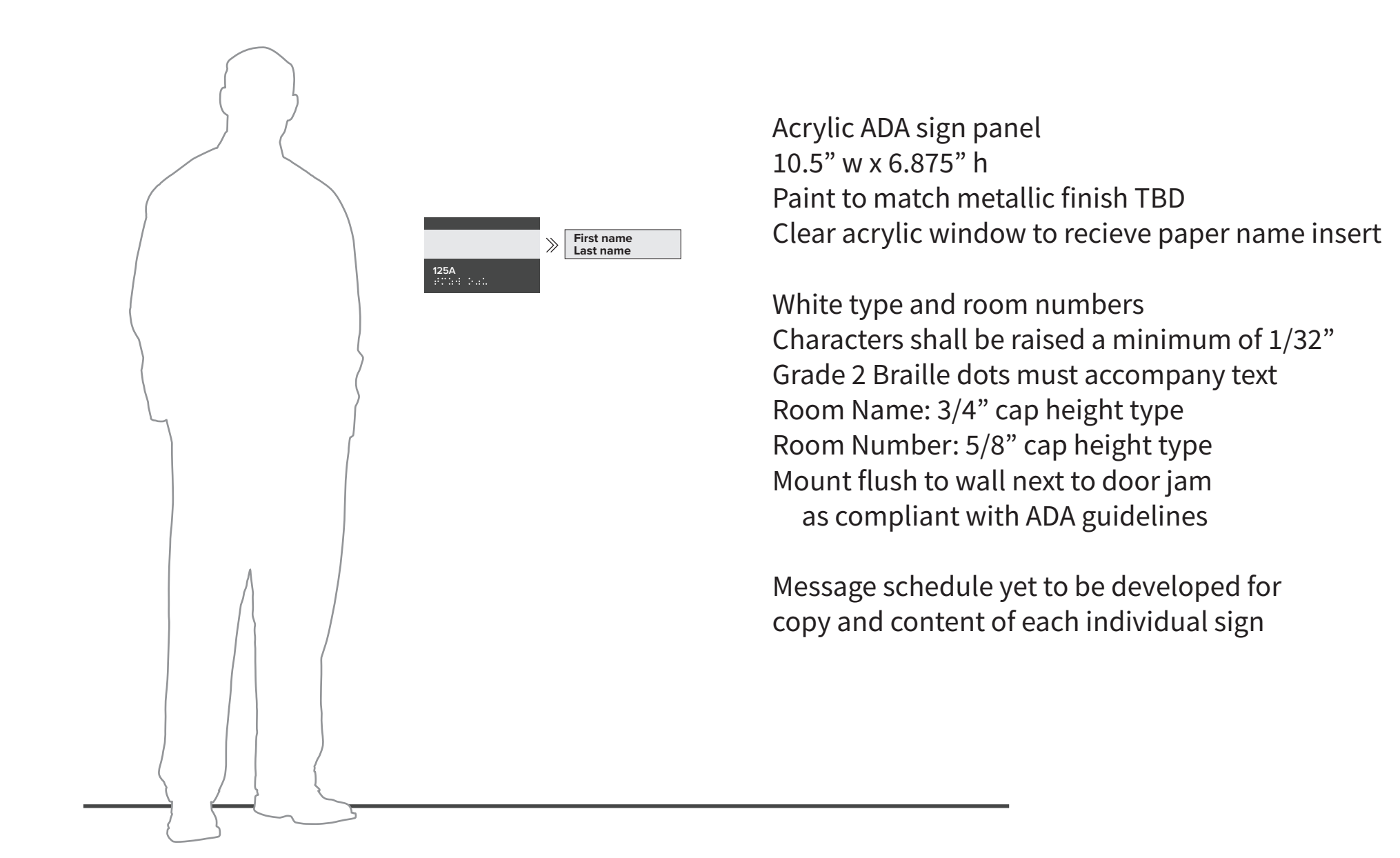
White type and room numbers
Characters shall be raised a minimum of 1/32"
Grade 2 Braille dots must accompany text
Room Name: 3/4" cap height type
Room Number: 5/8" cap height type
Mount flush to wall next to door jam
as compliant with ADA guidelines

Message schedule yet to be developed for copy and content of each individual sign

5 SIGN TYPE E: Room (ADA)
1"=1'-0"



6 SIGN TYPE E: Room (ADA) - Enlarged dimensioned view
50% Scale



Acrylic ADA sign panel
10.5" w x 6.875" h
Paint to match metallic finish TBD
Clear acrylic window to receive paper name insert

White type and room numbers
Characters shall be raised a minimum of 1/32"
Grade 2 Braille dots must accompany text
Room Name: 3/4" cap height type
Room Number: 5/8" cap height type
Mount flush to wall next to door jam
as compliant with ADA guidelines

Message schedule yet to be developed for copy and content of each individual sign

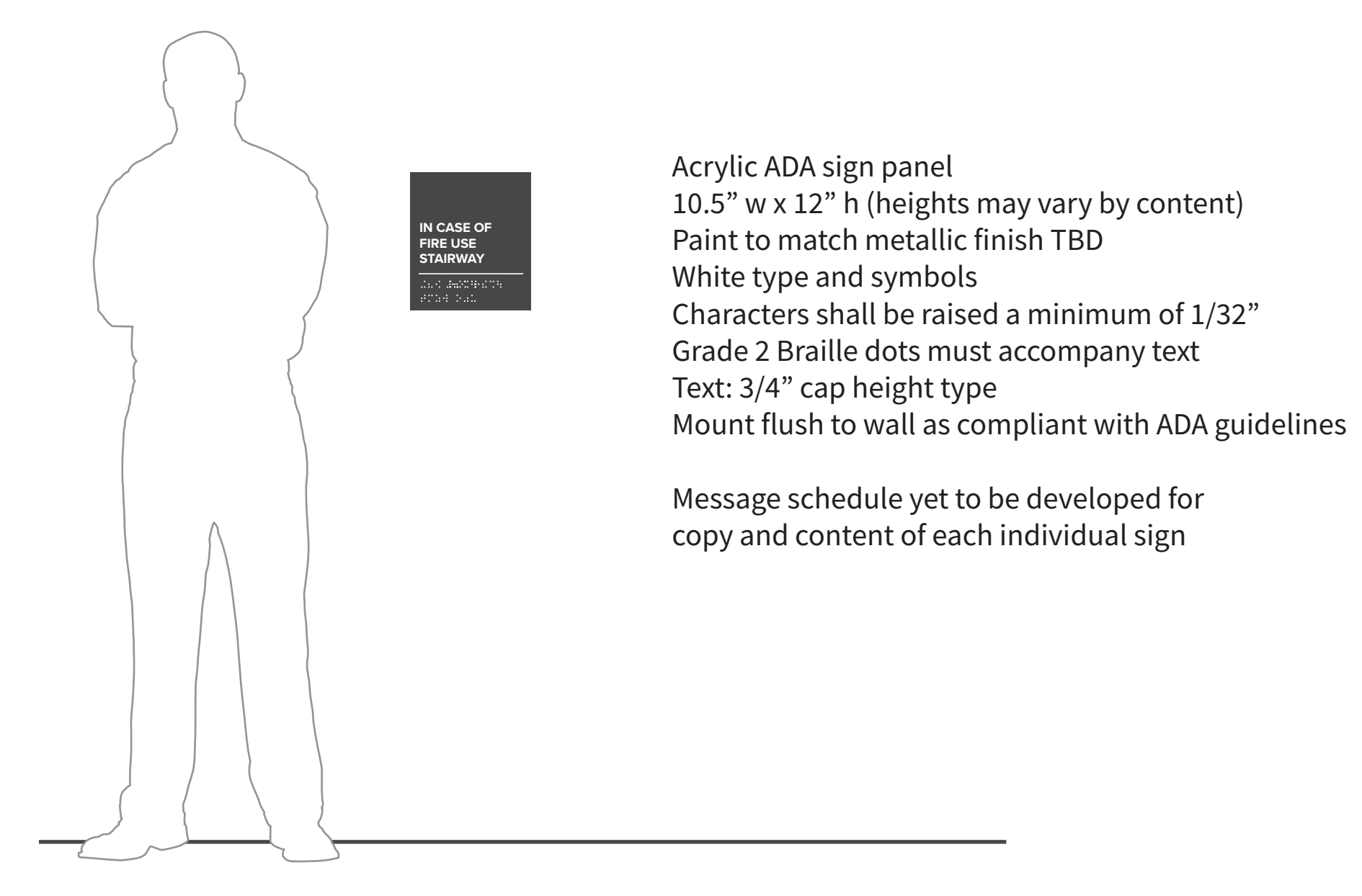
7 SIGN TYPE F: Office (ADA) with Insert
1"=1'-0"



Aluminum sign panels
22" w x 32" h
Alum 3003 Sheet Stock .063
90° bend on large corner signs
Paint to match metallic finish TBD
1/8" acrylic type and symbols
Horiz Bar: 1/8" acrylic
Flush mount to wall

Acrylic ADA sign panels
10.5" w x 15" h
Paint to match metallic finish TBD
White type and symbols
Characters shall be raised a minimum of 1/32"
Grade 2 Braille dots must accompany text
Room Name: 3/4" cap height type
Room Number: 5/8" cap height type
Mount flush to wall next to door jam
and on doors as compliant with ADA guidelines

8 SIGN TYPE G: Restroom
1"=1'-0"



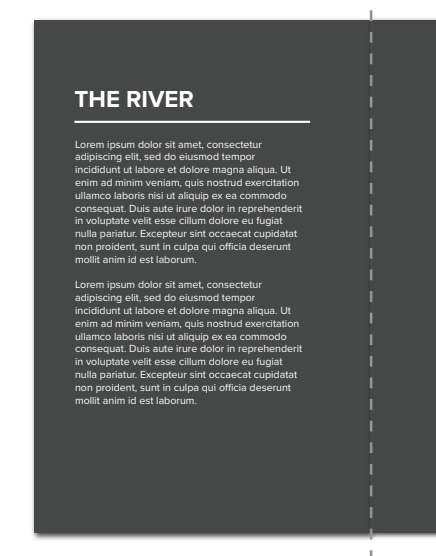
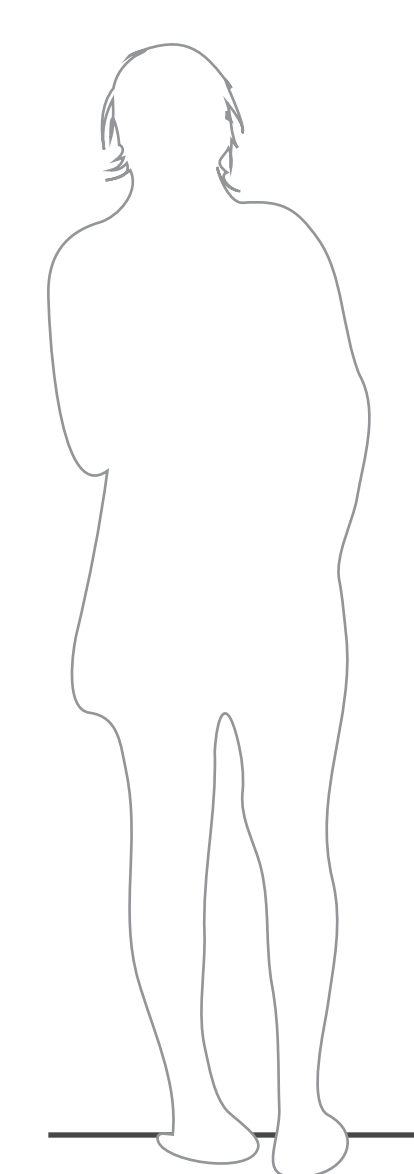
Acrylic ADA sign panel
10.5" w x 12" h (heights may vary by content)
Paint to match metallic finish TBD
White type and symbols
Characters shall be raised a minimum of 1/32"
Grade 2 Braille dots must accompany text
Text: 3/4" cap height type
Mount flush to wall as compliant with ADA guidelines

Message schedule yet to be developed for copy and content of each individual sign

9 SIGN TYPE H: Regulatory
1"=1'-0"

Key Plan

Revision	Description	Date



Aluminum sign panel
29" w x 32" h with 90° bend at 4"
Alum 3003 Sheet Stock .125
Paint to match metallic finish TBD
Pin mount 1/2" off wall surface

Header: 1/8" acrylic letters - white
Horiz Bar: 1/8" acrylic
Body copy: white vinyl or digital print

Copy to be developed

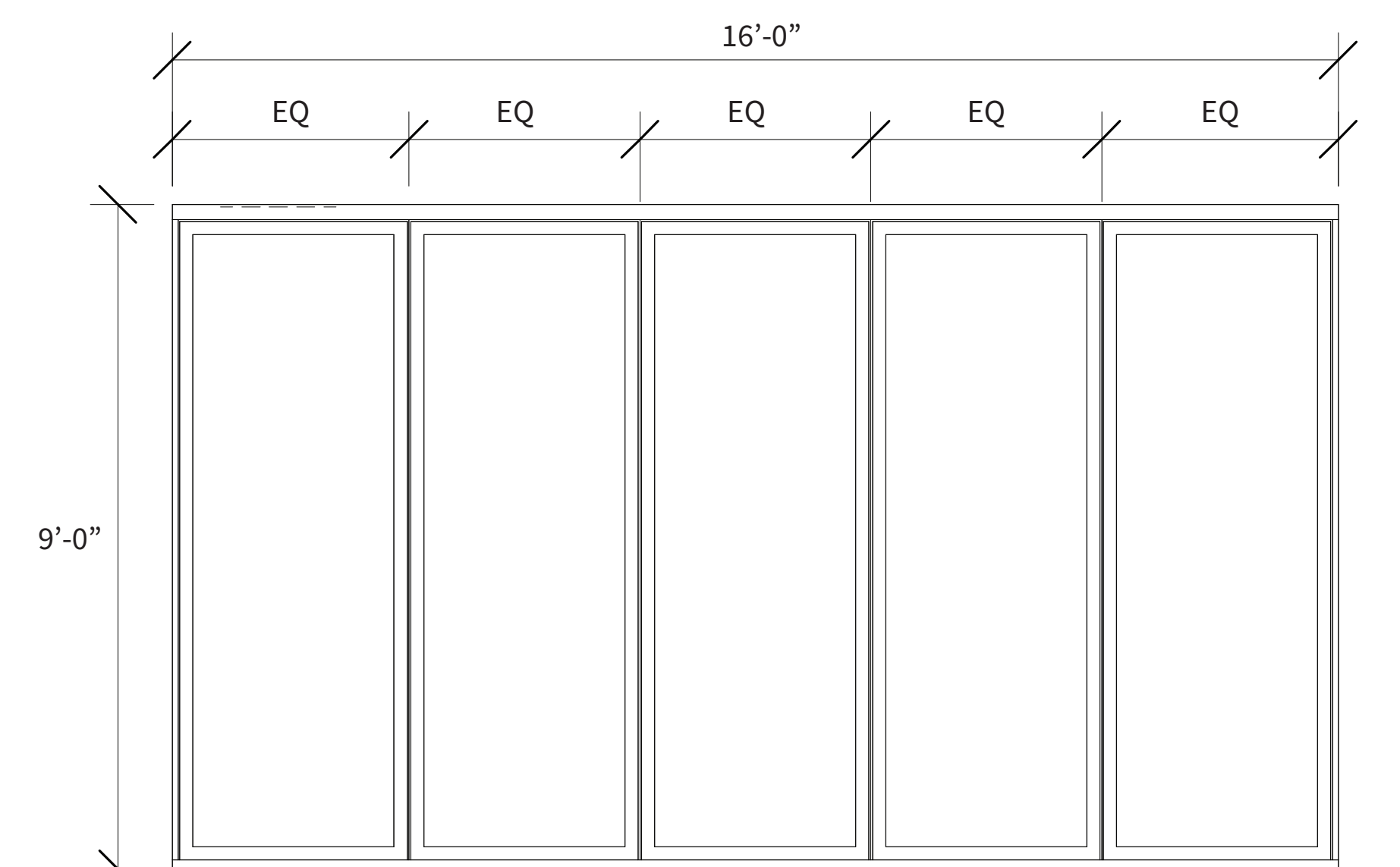
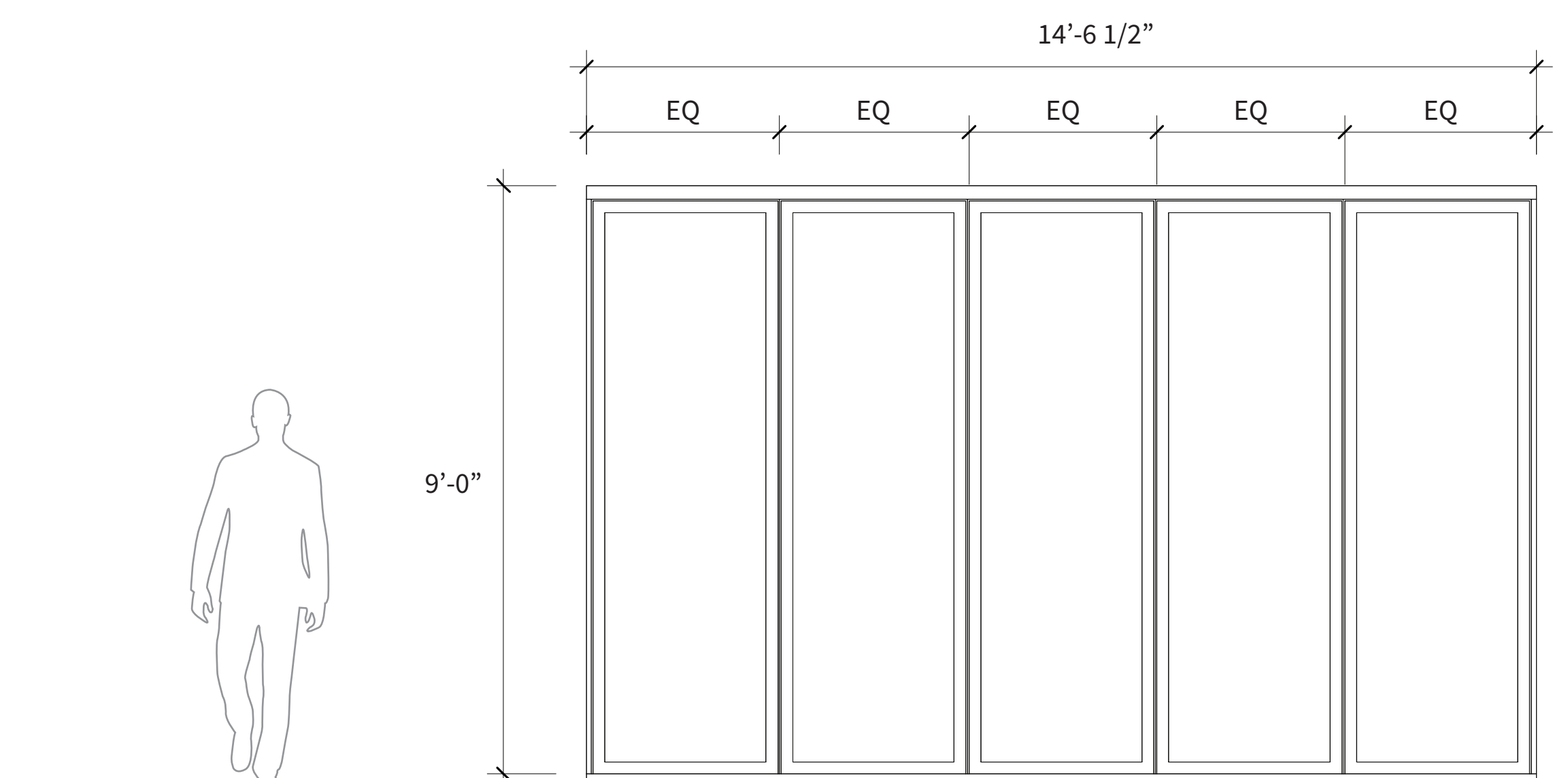
9 SIGN TYPE I: Interpretive
1"=1'-0"



SEG frame system (Silicone Edge Graphic):
Extruded aluminum frame with satin aluminum finish
Stretched fabric graphic (removeable)
5/8" deep frames
Heights and widths variable:
4 qty approx 6' w x 4' h
3 qty approx 10' w x 6' h
1 qty approx 12' w x 8' h

Images/photos/content to be developed-
Example shown for reference only

10 SIGN TYPE J: Image Panels
1"=1'-0"



Custom printed privacy vinyl
Applied to glass partitions
3M™ Scotchcal™ Clear View Graphic Film IJ8150
or comparable product

Content/design to be developed

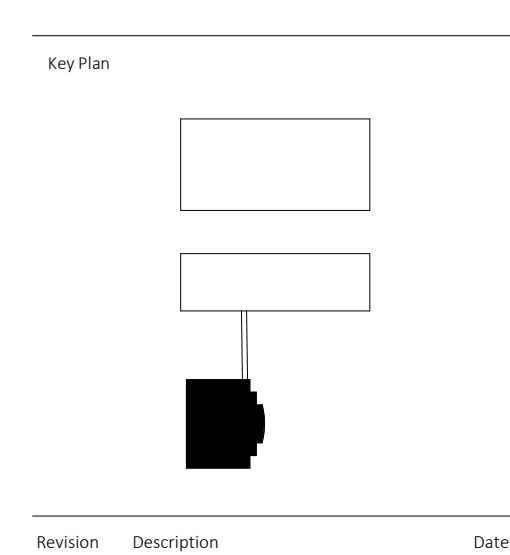
11 SIGN TYPE K: Privacy Vinyl
1/2"=1'-0"

**JOHNSON COUNTY
BOARD OF SUPERVISORS**



Cut Aluminum Letters
1" deep- stud mount flush to wall
6" Cap Height top line
4" Cap Height bottom line

12 SIGN TYPE L: Dimensional Letters
1/2"=1'-0"



Revision	Description	Date