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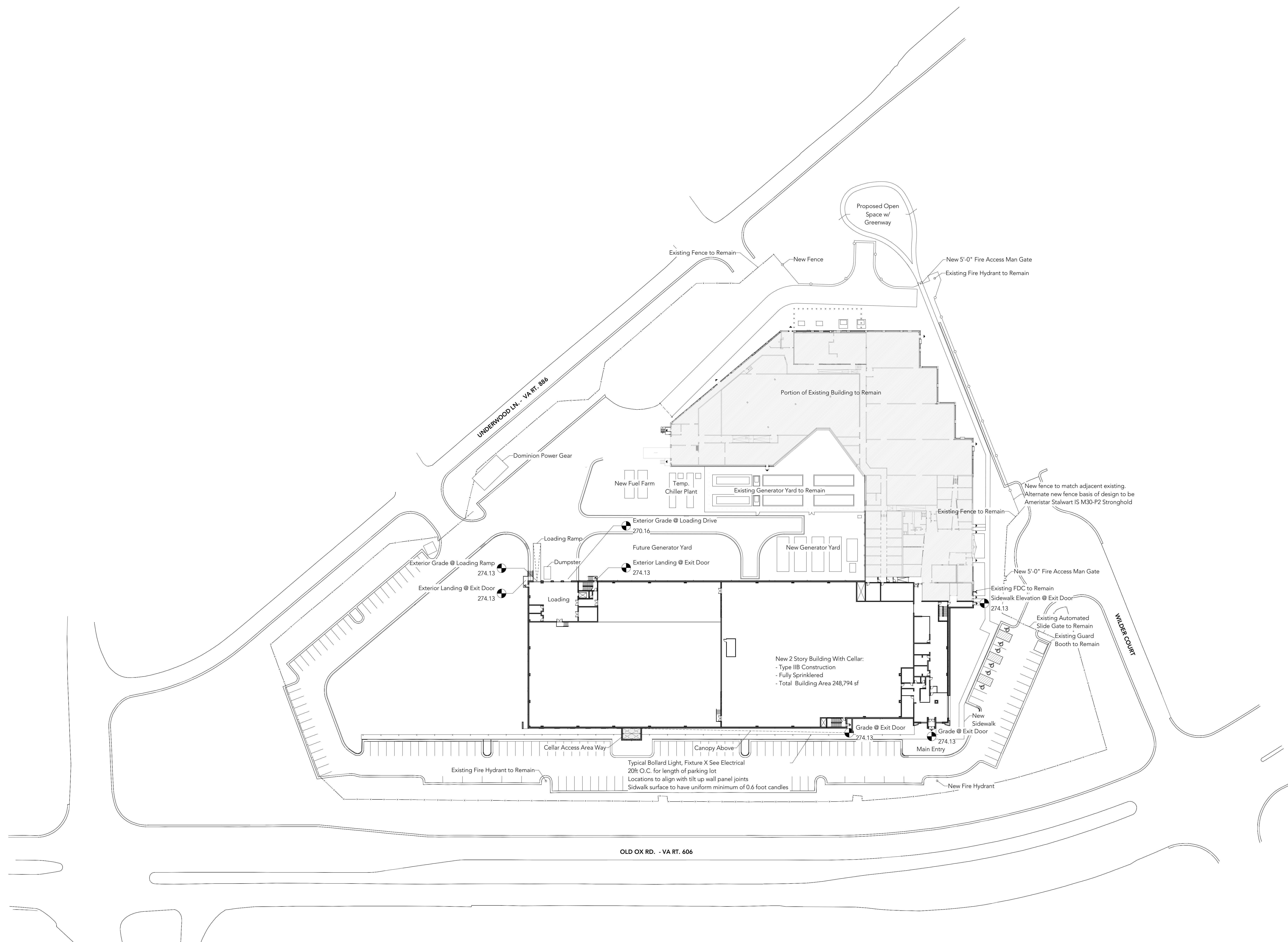
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Scope of Work

The scope of work contained in this package of drawings is as follows:
- Partial demolition of existing 1 story building
- New cladding at existing to remain portion of existing 1 story building
- Construction of new 2 story data center with cellar and loading dock
- New building to be steel frame construction with concrete tilt up panel facade
- Select areas of metal panel and curtain wall to be used at entry lobby facade



Project Site



1 ARCHITECTURAL SITE PLAN
A001 Scale: 1:500

Note: This plan is provided for reference only. Refer to Civil drawings for site details.

Project Number: 180102

Permit Set 02-12-2019
Bid Set 02-22-2019

A001

Notes - Egress Plan

1. All doors always provide free egress in the direction of egress travel.

Keyed Notes - Egress Plan

Panic hardware to be installed at electric room door in compliance with Virginia Construction Code 2015 Edition section 1010.1.10. Electric room doors to swing in direction of egress. Subsequent doors along the path of egress travel to have panic hardware.

Door to have sensor release electronically locked egress hardware in compliance with Virginia Construction Code 2015 section 1010.1.9.8. See Door Schedule for electronic lock hardware description.

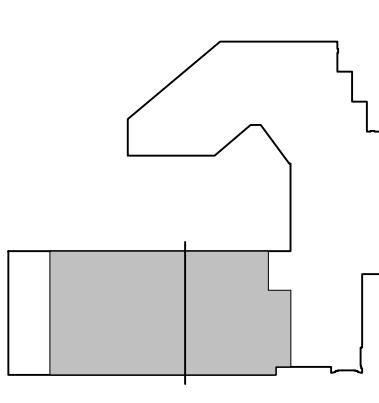
Door to have electromagnetically locked egress hardware in compliance with Virginia Construction Code 2015 section 1010.1.9.9. See Door Schedule for electromagnetic lock hardware description.

Drawing Key - Egress Plan

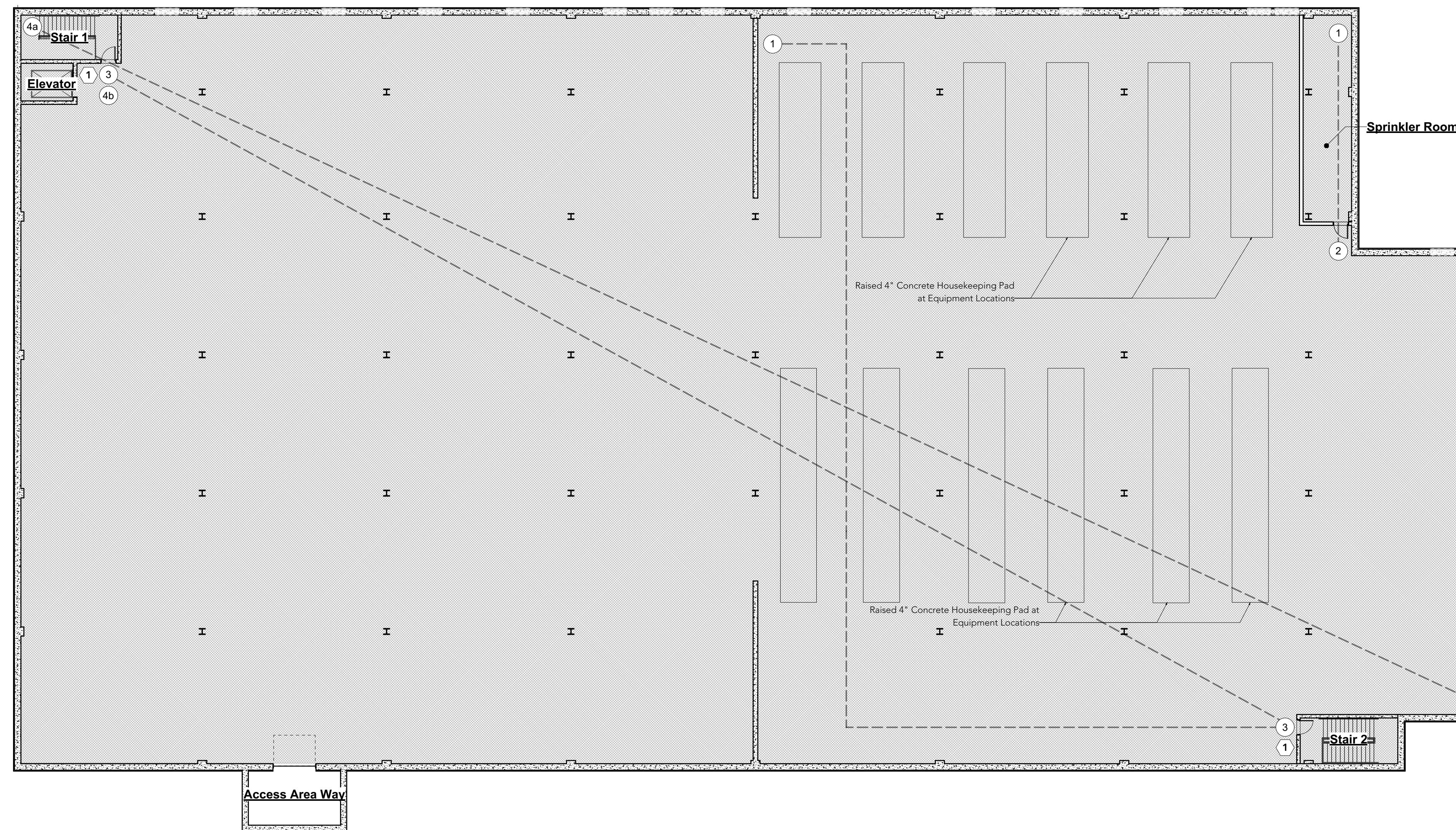
	Assembly - Occupant Load Factor 15
	Business - Occupant Load Factor 100
	Mechanical Equipment Room - Occupant Load Factor 300
	Storage & Shipping - Occupant Load Factor 300

Drawing Key - Egress Plan

- (1) Most Remote Point of Egress
- (2) Common Path of Travel Decision Point (IBC 1006.2.1)
Maximum Allowed From Business Use = 100'-0"
Provided Distance = 44'- 10"
- (3) Exit Access Travel Distance (IBC 1017.2)
Maximum Allowed = 300' (Business w/ Sprinkler System)
Provided Distance = 271'-2"
- (4a) Overall Diagonal Dimension of Area Served (VUSBC 1007.1.1)
Minimum Allowed = 1/4 of maximum diagonal dimension
Measured Overall Diagonal Dimension = 352'-11"
Required Separation = 88'-3"
- (4b) Remote Exits (VUSBC 1007.1)
Provided Separation of Exits = 295'-9"



KEY PLAN



Notes - Egress Plan

1. All doors always provide free egress in the direction of egress travel.

Keyed Notes - Egress Plan

Panic hardware to be installed at electric room door in compliance with Virginia Construction Code 2015 Edition section 1010.1.10. Electric room doors to swing in direction of egress. Subsequent doors along the path of egress travel to have panic hardware.

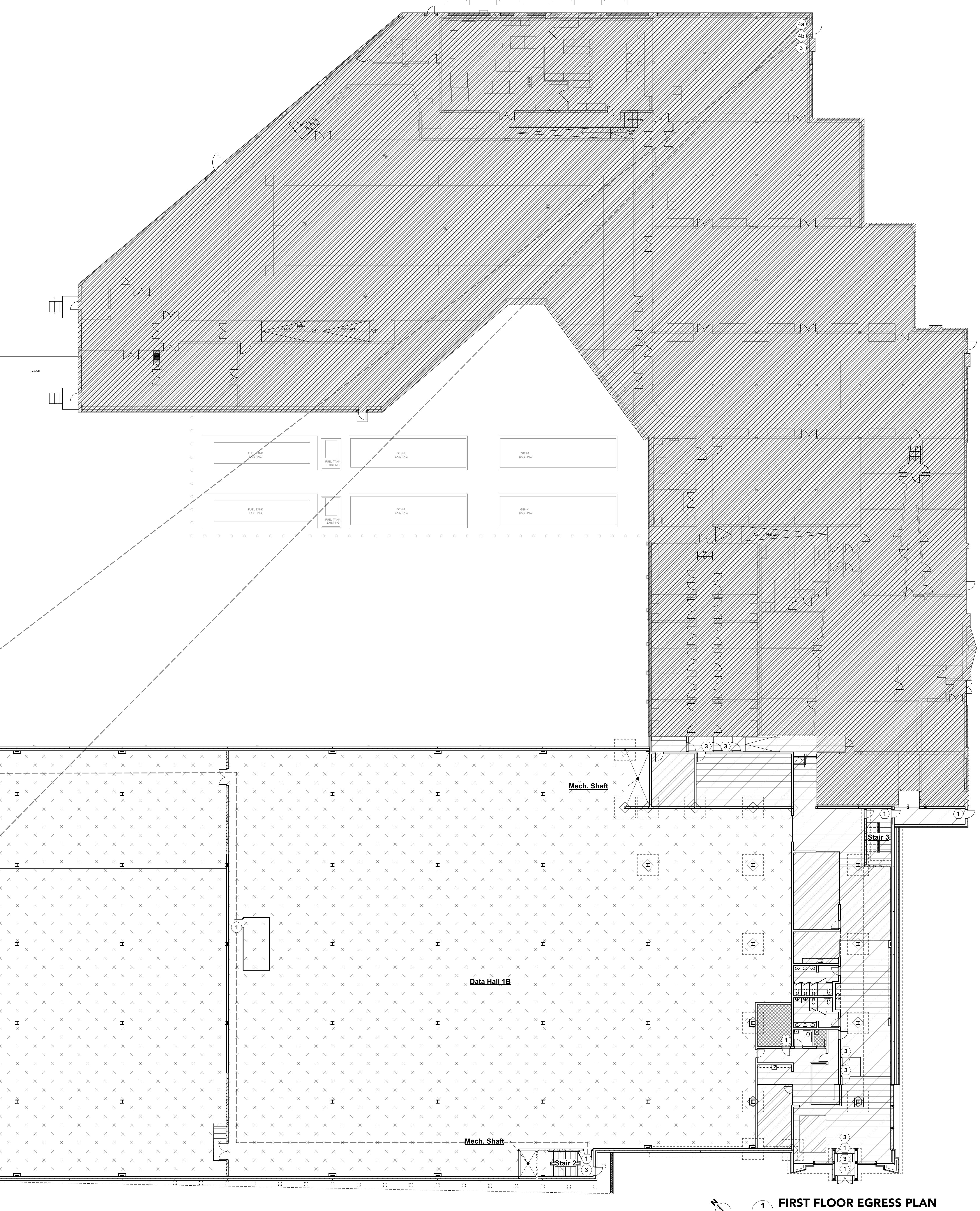
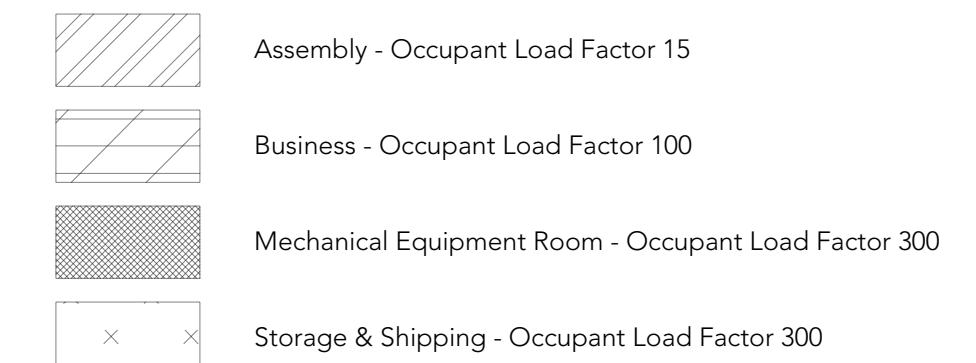
Door to have sensor release electronically locked egress hardware in compliance with Virginia Construction Code 2015 section 1010.1.9.8. See Door Schedule for electronic lock hardware description.

Door to have electromagnetically locked egress hardware in compliance with Virginia Construction Code 2015 section 1010.1.9.9. See Door Schedule for electromagnetic lock hardware description.

Drawing Key - Egress Plan

- ① Most Remote Point of Egress
- ② Common Path of Travel Decision Point (IBC 1006.2.1)
Maximum Allowed From Business Use = 100'-0"
Provided Distance = 21'-3"
- ③ Exit Access Travel Distance (IBC 1017.2)
Maximum Allowed = 300' (Business w/ Sprinkler System)
Provided Distance = 235'-2"
- ④a Overall Diagonal Dimension of Area Served (VUSBC 1007.1.1)
Minimum Allowed = 1/4 of maximum diagonal dimension
Measured Overall Diagonal Dimension = 619'-8"
Required Separation = 154'-11"
- ④b Remote Exits (VUSBC 1007.1.1)
Provided Separation of Exits = 454'-11"

Drawing Key - Function of Space



Notes - Egress Plan

1. All doors always provide free egress in the direction of egress travel.

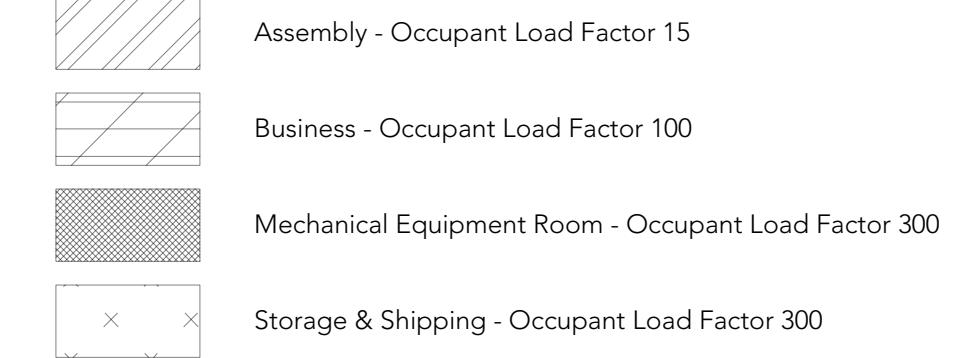
Keyed Notes - Egress Plan

Panic hardware to be installed at electric room door in compliance with Virginia Construction Code 2015 Edition section 1010.1.10. Electric room doors to swing in direction of egress. Subsequent doors along the path of egress travel to have panic hardware.

Door to have sensor release electronically locked egress hardware in compliance with Virginia Construction Code 2015 section 1010.1.9.8. See Door Schedule for electronic lock hardware description.

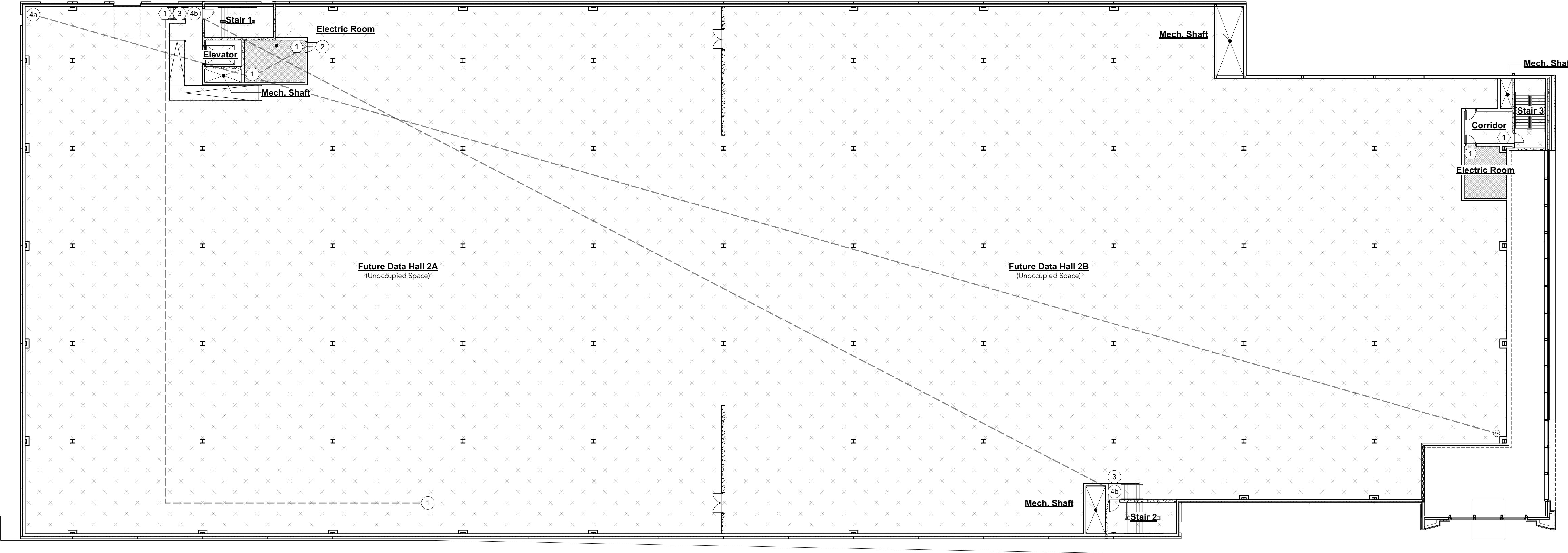
Door to have electromagnetically locked egress hardware in compliance with Virginia Construction Code 2015 section 1010.1.9.9. See Door Schedule for electromagnetic lock hardware description.

Drawing Key - Egress Plan



Drawing Key - Egress Plan

- (1) Most Remote Point of Egress
- (2) Common Path of Travel Decision Point (IBC 1006.2.1)
Maximum Allowed From Business Use = 100'-0"
Provided Distance = 25'-2"
- (3) Exit Access Travel Distance (IBC 1017.2)
Maximum Allowed = 300' (Business w/ Sprinkler System)
Provided Distance = 242'-6"
- (4a) Overall Diagonal Dimension of Area Served (VUSBC 1007.1.1)
Minimum Allowed = 1/4 of maximum diagonal dimension
Measured Overall Diagonal Dimension = 472'-0"
Required Separation = 118'-0"
- (4b) Remote Exits (VUSBC 1007.1.1)
Provided Separation of Exits = 317'-4"





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Code Analysis

Permit Set 02-12-2019
Bid Set 02-22-2019

Project Number: 180102

A005

Code Compliance

	Allowed	Proposed	Code Reference
Height and Area Analysis			
Allowable Height and Building Areas:			
Height in feet	75	45'-0"	IBC Table 504.3
Height in stories	4	2	IBC 504.4
Area			
Existing to remain First Floor	UL	52,956 sf	
New First Floor	UL	74,510 sf	
New Second Floor	UL	70,322 sf	
New Roof	UL	1,054 sf	
New Cellar	UL	49,952 sf	
Total Building Area (measured to inside face of exterior walls exclusive of mechanical shafts)		248,794 sf	IBC 507.5
Fire -Resistance Rating Requirements for Building Elements			
Structural Frame	0 hr	0 hr*	IBC Table 601
Bearing Walls Exterior	0 hr	0 hr	IBC Table 601
Bearing Walls Interior	0 hr	0 hr*	IBC Table 601
Non Bearing Walls & Partitions Exterior	0 hr	0 hr	IBC Table 601
Non Bearing Walls & Partitions Interior	0 hr	0 hr*	IBC Table 601
Floor Construction	0 hr	0 hr*	IBC Table 601
Roof Construction	0 hr	0 hr	BC Table 601
* Select Locations Rated, See Fire Rating Plans			IBC 713.4, IBC 711.2.3, NEC 450
Exterior Walls based on fire separation distance			
< 5 feet	1 hr	N/A	IBC Table 602
>5 feet, <10 feet	1 hr	N/A	IBC Table 602
>10,->30 feet	0 hr	N/A	IBC Table 602
>30 feet	0 hr	0 hr	IBC Table 602
Fire-Resistance Rating Requirements for Shafts			
Stair Enclosures			
Connecting 3 Stories	1 hr	1 hr	IBC 713.4
Connecting 4 Stories	2 hr	2 hr	IBC 713.4
Elevator Shaft Enclosure			
Connecting 4 Stories	2 hr	2 hr	IBC 713.4
Exits			
Number			
Cellar:			
Business Occupancy	2	2	IBC 1006.2.1
First Floor:			
Business Occupancy	3	14	IBC 1006.2.1.1
Second Floor:			
Business Occupancy	2	3	IBC 1006.2.1
Width			
Stair			
Inches per occupant:	0.2	--	IBC 1005.3.1
Minimum Inches per Stair:	48	48	IBC 1009.3
Corridor			
Inches per occupant:	0.15	--	IBC 1005.3.2
Minimum Inches:	44	60	IBC 1020.2
Door			
Inches per occupant:	0.15	--	IBC 1005.3.2
Minimum Inches per Door:	32	34	IBC 1010.1.1
Energy Analysis			
Insulation:			
Unheated Slab	R-10 for 24"	R-10.8	IECC Table C402.1.3
Roof	R-30 ci	R-32.4 ci	IECC Table C402.1.3
Walls			
Above Grade			
Mass	R-9.5ci	R-10.8 ci + R-25 batt	IECC Table C402.1.3
Metal Framed	R-13 & R-7.5 ci	R-10.8 ci + R-25 batt	IECC Table C402.1.3
Below Grade			
Mass	R-7.5 ci	R-10.8 ci	IECC Table C402.1.3
Fixed Fenestration	U-0.38	U-0.24	IECC Table C402.4
Doors			
Opaque Swinging	U-0.61	U-0.61	IECC Table C402.1.3
Opaque Rollup	R-4.75	R-7.7	IECC Table C402.1.3
Entrance (storefront)	U-0.77	U-0.24	IECC Table C402.4

Occupant Load (Actual / Plumbing Calculation Per BC 2902.1)

Function	Measured Area	Ratio	Occupants
Cellar (New)			
Business	0 sf	1 per 100 sf	0.00
Storage	49,952 sf	1 per 300 sf	166.51
Assembly	0 sf	1 per 15 sf	0.00
First Floor (Existing to Remain)			
Business	4,110 sf	1 per 100 sf	41.10
Storage	45,822 sf	1 per 300 sf	152.74
Assembly	3,024 sf	1 per 15 sf	201.60
First Floor (New)			
Business	5,509 sf	1 per 100 sf	55.09
Storage	66,828 sf	1 per 300 sf	222.76
Assembly	2,173 sf	1 per 15 sf	144.87
Second Floor (New)			
Business	0 sf	1 per 100 sf	0.00
Storage	70,322 sf	1 per 300 sf	234.41
Assembly	0 sf	1 per 15 sf	0.00
Roof (New)			
Business	0 sf	1 per 100 sf	0.00
Storage	1,054 sf	1 per 300 sf	3.51
Assembly	0 sf	1 per 15 sf	0.00
Total Business			
			96
Total Storage			
			780
Total Assembly			
			346

Building Information

Construction Type:	IIB
Use Group:	B - Business
Sprinkler Protection:	Fully Sprinklered, NFPA 13
Fire Alarm:	Signal, NFPA 72
Standpipes:	No
Height of Building (in feet)	44'-5"
Number of Stories Above Grade:	2
Number of Stories Below Grade:	1
Total Building Area (w/cellar):	248,794 sf
Total Floor Area (w/o cellar):	198,842 sf
Area of New Construction:	195,838 sf
Occupant Load for Area of Work:	see chart, this sheet
Codes used for Design:	
Building:	VUSBC 2015
ICC/Accessibility:	2009 ICC / ANSI 117.1
Structural:	IBC 2015
Plumbing:	2015 Virginia Plumbing Code (IPC)
Mechanical:	2015 Virginia Mechanical Code (IMC)
Electrical:	2014 National Electric Code
Fire/Life Safety:	2015 Virginia Fire Prevention Code (IFC)
Energy Code:	2015 Virginia Energy Conservation Code
Note:	This is not intended to be comprehensive and other codes are applicable

Occupant Load (Egress Calculation Per BC 1004.1.2)

Building Area	Occupants	Water Closets/Urinals	Lavatories	Fountains	Service Sink
Cellar (New)					
Business Area	0 sf	1 per 100 sf	0.00		
Storage / Shipping	0 sf	1 per 300 sf	0.00		
Mechanical Equipment Room	49,952 sf	1 per 300 sf	166.51		
Assembly (unconcentrated tables & chairs)	0 sf	1 per 15 sf	0.00		
Total Cellar New	49,952 sf				166.51
First Floor (Existing to Remain)					
Business Area	4,110 sf	1 per 100 sf	41.10		
Storage / Shipping	35,794 sf	1 per 300 sf	119.31		
Mechanical Equipment Room	10,028 sf	1 per 300 sf	33.43		
Assembly (unconcentrated tables & chairs)	3,024 sf	1 per 15 sf	201.60		
Total First Floor Existing	52,956 sf				395.44
First Floor (New)					
Business Area	5,509 sf	1 per 100 sf	55.09		
Storage / Shipping	66,233 sf	1 per 300 sf	220.78		
Mechanical Equipment Room	595 sf	1 per 300 sf	1.98		
Assembly (unconcentrated tables & chairs)	2,173 sf	1 per 15 sf	144.87		
Total First Floor New	74,510 sf				422.72
Second Floor (New)					
Business Area	0 sf	1 per 100 sf	0.00		
Storage / Shipping	69,824 sf	1 per 300 sf	232.75		
Mechanical Equipment Room	498 sf	1 per 300 sf	1.66		
Assembly (unconcentrated tables & chairs)	0 sf	1 per 15 sf	0.00		
Total Second Floor New	70,322 sf				234.41
Roof (New)					
Business Area	0 sf	1 per 100 sf	0.00		
Storage / Shipping	306 sf	1 per 300 sf	1.02		
Mechanical Equipment Room	748 sf	1 per 300 sf	2.49		
Assembly (unconcentrated tables & chairs)	0 sf	1 per 15 sf	0.00		
Total Roof New	1,054 sf				3.51
Building Total					
					1,222.58

Project Number: 180102

A005

Hardware

- H1 Hinges - 1 1/2 or (3 sets) bearing hinges w/ safety stud and nonremovable pin
- H2 Hinges - 1/2 pr (1 set) electrified bearing hinge, power transfer & monitoring
- H3 Hinges - 2 pr (4 sets) bearing hinges w/ safety stud and nonremovable pin
- H4 Hinges - 2 pr (4 sets) bearing hinges (no security)
- H5 Top & Bottom Patch Fittings - Assa Abloy PFD 10 & PFD-22 Satin Stainless Steel Finish
- H6 Top & Bottom Pivots - Rixon Heavy Duty
- H7 Top and Bottom Rails - Dorna TP/TA 3" Height, Satin Stainless Steel Finish

- C1 Closer - Surface Mounted, No Hold Open
- C2 Closer - Surface Mounted, Hold Open
- C3 Closer - Surface Mounted, Back-Stop, No Hold Open
- C4 Closer - Concealed Overhead, Dorna RTS88 BFI

- L1 NOT USED
- L2 Lever lock set - Schlage ND Series Entrance Lock (Function F109)
- L3 Lever lock set - Schlage ND Series Store Room Lock (Function F86)
- L4 Back to Back Push/Pulls - Assa Abloy PDU8000-3 (panic push at interior, straight pull at exterior)
- Satin Stainless Steel Finish

- L5 Magnetic Lock - Stop Mounted
- L6 Lever lock set - Schlage L909X Series Electrically Unlocked (Fail Secure)
- L7 Lever lock set - Schlage L909X Series Store Room Lock (Function F07) Exit Only, No Hardware at Exterior

- L8 Back to Back Push/Pulls - Assa Abloy Rockwood DP3301

- L9 Lever latch set - Schlage ND Series Passage Set (Function F75)

- L10 Exit Device w/ Electric Mortise Lock Device (Fail Secure) Similar to Von Duprin 98 Series. Key Override, Exterior Lever

- L11 Exit Device w/Mortise Lock Device Similar to Von Duprin 98 Series. Key Override, Exterior Lever

- L12 Exit Device - Request to Exit Device Similar to Von Duprin RX350

- L13 Dummy Lever Pull Trim - 07 Lever

- L14 Back to Back Push/Pulls - Storefront Standard

- L15 Lever latch set - Schlage ND Series Privacy Lock (Function F76)

- L16 Exit Device w/Mortise Lock Device Similar to Von Duprin 98 Series. No Hardware at Exterior

- M1 Floor Stop - Rockwood RO446 US26D Finish
- M2 Rubber Frame Mutes - Minimum 3 Mutes
- M3 Full Length Security Astragal - Pemko 355 NS
- M4 Strike to Receive Active Leaf
- M5 Top and Bottom Manual Flush Bolts w/Dustproof Floor Bucket (Inactive Leaf Not Required for Egress)

- M6 Door Gasketing Perimeter, Meeting Stile and Door Bottom

- M7 Stop Mounted Coordinator

- M8 Perimeter Frame Mute

- M9 Kickplate - 10" High on Push Side of Door

- M10 DPS

- T1 Threshold - Aluminum with Weather Stop - National Guard 9505

* See Finish Schedule on Sheet A009 for interior door threshold requirements*

- 1 All Doors Always Provide Free Egress in the Direction of Egress Travel
- 2 Electric lock sets that fail secure still maintain free passage in direction of egress.
- 3 Inactive leaves in pairs of doors are NOT required for egress and have no levers or operators.
- 4 Typical Lever Hardware - Schlage, The Standard Collection 07, 8 Rose
- 5 Typical Hardware Finish - Satin Chrome US26D, Unless Otherwise Noted
- 6 Hollow Metal Door Finish - P2, Unless Otherwise Noted
- 7 Hollow Metal Door Frame Finish - P2, Unless Otherwise Noted
- 8 Caulk all hollow metal frames to the wall with a thin bead of paintable caulk.
- 9 Frames shall have no exposed fasteners
- 10 Provide a sealer on all hardware subject to tarnish.

- 11 Undercut doors as required to operate smoothly over finished floor. Maximum undercut shall be 1/4" unless noted on Mechanical drawings. Finish bottom of doors after undercutting.
- 12 Sand smooth all door edges prior to painting. Paint all edges, including top and bottom.
- 13 Install overhead closer on non-corridor sides of doors.
- 14 All closers shall be adjusted so that from an open position of 90° the time required to move the door to an open position of 12° shall be 5 seconds minimum.

- 15 All closers shall comply with maximum opening force of 5.0 lbs

- 16 Coordinate keying with building management and Operations Staff.

- 17 All thresholds at doorways shall be 1/2" maximum in height

- 18 Card Reader - Provide back box with cover plate and conduit with pull string to top of wall. Stub out on secure side of wall. Prep doors with internal wireway from electric hinge to electric lock set or electric strike, as specified.

- 19 Magnetic Lock - Shall comply with IBC 2015 section 1010.1.9 Electromagnetically Locked Egress Doors:
1) Request to Exit Sensor
2) Power Fails Open
3) Manual Request to Exit Button
4) Activation of Fire Alarm
5) Activation of Sprinkler
6) Open for Egress During Business Hours

- 20 No electric hardware to be ordered prior to coordination meeting. GC to coordinate all requirements related to security vendor's installation. Security Vendor retained by Building Owner.

- 21 Maintain consistent 1/8" gap at pairs of doors.

- 22 The hinges of all doors opening into unsecured or "common" areas shall have non-removable pins.

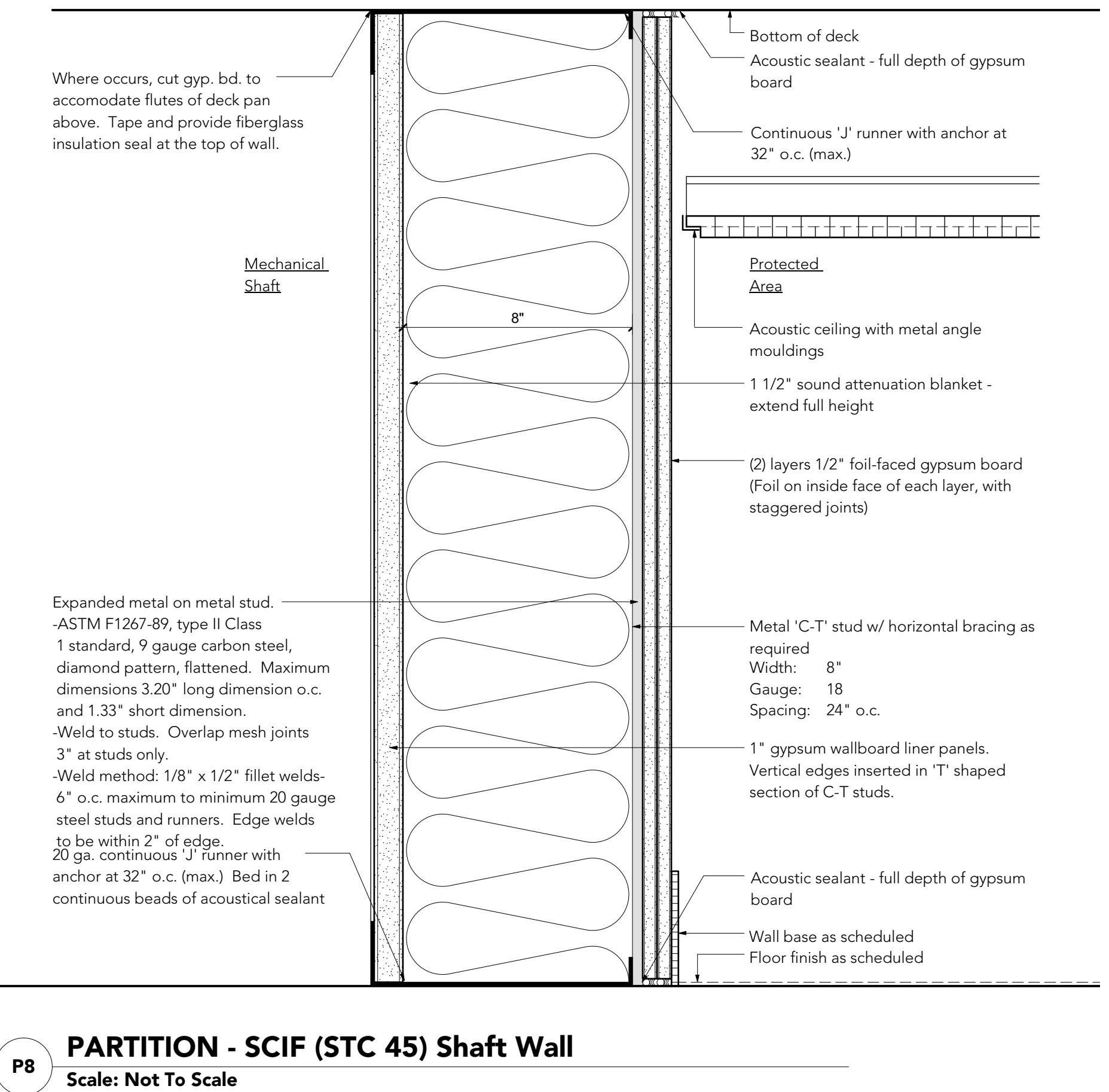
- 23 Provide drip strips at all exterior door frames.

- 24 All fire-rated doors shall have closers.

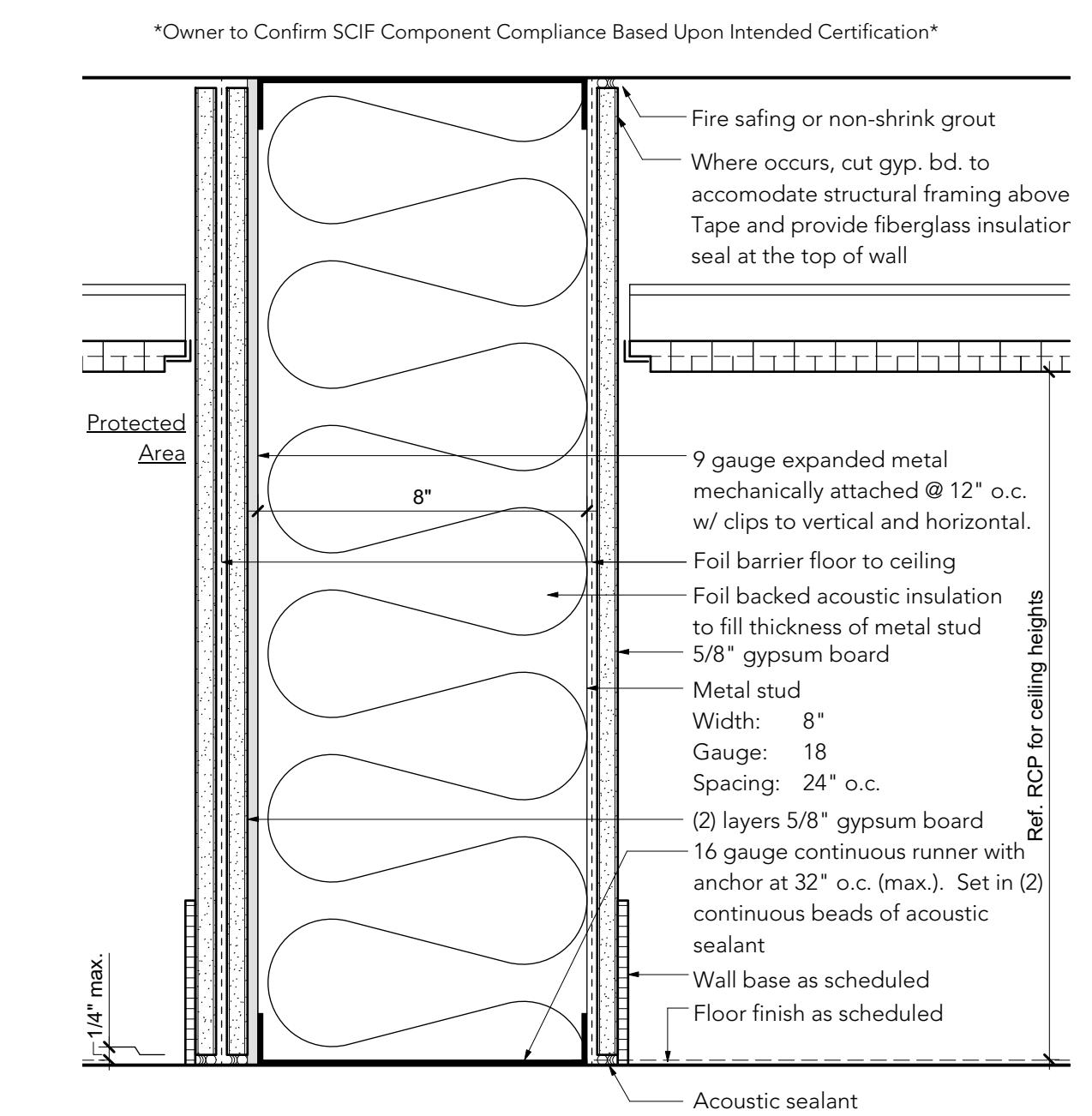
Door Schedule (Continued)

Location Door

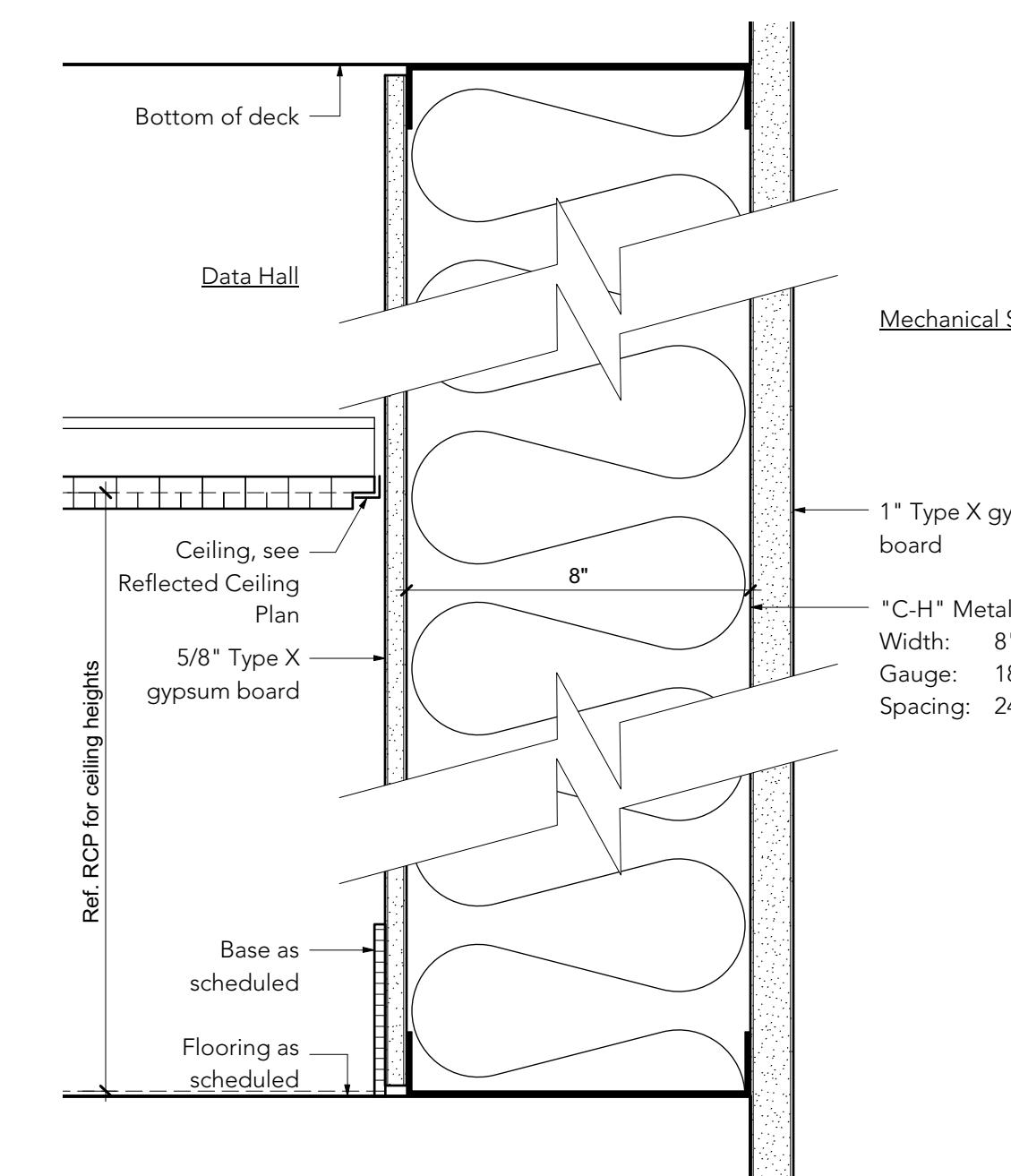
	Frame	Security	Hardware	Notes
2nd Floor				
201	Hollow Metal Welded (See Electrical)	Card Reader	H1,H2,C1,L10, M1,M2	Basis of Design - Overhead Door Stormite 625 slot insulated F-265. Function: Swing (Pair) Size: 3'-0" x 8'-0" Finish: Paint Rating: 1 hr
202	Material: Insulated Steel Slats N/A Hardware including padlockable chainkeeper	MFR Recommended Paint	Basis of Design - Overhead Door Stormite 625 slot insulated F-265. Function: Colling Size: 8'-0" x 10'-0" Finish: Prefinished (PowderGuard Premium powder coat) Rating: 0 hr	Manual operation. Paintable fall protection safety rail at door opening. Face mount railing holder to furring wall blocking as required.
203	NOT USED			
204	Hollow Metal Welded (See Electrical)	Card Reader	H1,H2,C3,L10, M2	Basis of Design - Overhead Door Stormite 625 slot insulated F-265. Function: Swing (Pair) Size: 3'-0" x 8'-0" Finish: Paint Rating: .75 hr
205	Hollow Metal Welded (See Electrical)	Card Reader	Active Leaf: H1, H2,C1,L6,M3 Inactive Leaf: H3,M4,M5, M10 Both Leaves: M2	Basis of Design - Overhead Door Stormite 625 slot insulated F-265. Function: Swing (Pair) Size: 3'-0" x 8'-0" Finish: Paint Rating: .75 hr
206	Hollow Metal Welded (See Electrical)	Card Reader	Active Leaf: H1, H2,C1,L6,M3 Inactive Leaf: H3,M4,M5, M10 Both Leaves: M2	Basis of Design - Overhead Door Stormite 625 slot insulated F-265. Function: Swing (Pair) Size: 3'-0" x 8'-0" Finish: Paint Rating: 0 hr
207	Hollow Metal Welded (See Electrical)	Card Reader	H1,H2,C1,L6,M1	Basis of Design - Overhead Door Stormite 625 slot insulated F-265. Function: Swing (Pair) Size: 3'-0" x 8'-0" Finish: Paint Rating: 1 hr
208	Hollow Metal Welded (See Electrical)	Card Reader	H1, H2,C1,L6,	Basis of Design - Overhead Door Stormite 625 slot insulated F-265. Function: Swing (Pair) Size: 3'-0" x 8'-0" Finish: Paint Rating: 1 hr
209	Hollow Metal Welded (See Electrical)	Card Reader	H1,H2,C1,L10, M1,M2	Basis of Design - Overhead Door Stormite 625 slot insulated F-265. Function: Swing (Pair) Size: 3'-0" x 8'-0" Finish: Paint Rating: .75 hr
210	Material: Hollow Metal Welded (See Electrical)	Card Reader	H1,H2,C1,L10, M1,M2	Basis of Design - Overhead Door Stormite 625 slot insulated F-265. Function: Swing (Pair) Size: 3'-0" x 8'-0" Finish: Paint Rating: 1 hr
Roof				
301	Hollow Metal Welded (See Electrical)	Card Reader Both Sides (See Electrical)	H3,C1,L6,M6,T1	Basis of Design - Overhead Door Stormite 625 slot insulated F-265. Function: Swing (Pair) Size: 3'-0" x 8'-0" Finish: Paint Rating: 1 hr
302	Hollow Metal Welded (See Electrical)	Card Reader	H1,H2,C3,L10, M2, M6, M9	Basis of Design - Overhead Door Stormite 625 slot insulated F-265. Function: Swing (Pair) Size: 3'-0" x 8'-0" Finish: Paint Rating: 1.5 hr
303	Hollow Metal Welded (See Electrical)	Card Reader	H1,H2,C3,L10, M2, M6	Basis of Design - Overhead Door Stormite 625 slot insulated F-265. Function: Swing (Pair) Size: 4'-0" x 8'-0" Finish: Paint Rating: 0 hr
304	Hollow Metal Welded (See Electrical)	Card Reader	Active Leaf: H1, H2, C1,L10,M3 Inactive Leaf: H3,M4,M5, M10 Both Leaves: M2, M6, M9	Basis of Design - Overhead Door Stormite 625 slot insulated F-265. Function: Swing (Pair) Size: 6'-0" x 8'-0" Finish: Paint Rating: .75 hr
305	Hollow Metal Welded (See Electrical)	Card Reader	Active Leaf: H1, H2, C1,L10,M3 Inactive Leaf: H3,M4,M5, M10 Both Leaves: M2, M6, M9	Basis of Design - Overhead Door Stormite 625 slot insulated F-265. Function: Swing (Pair) Size: 6'-0" x 8'-0" Finish: Paint Rating: .75 hr
136 NOT USED				
137	Hollow Metal Welded (See Electrical)	Card Reader	H1, H2, C3, L10,M6,T1	Basis of Design - Overhead Door Stormite 625 slot insulated F-265. Function: Swing (Pair) Size: 3'-0" x 8'-0" Finish: Paint Rating: 0 hr
138	Material: Existing to Remain Welded (See Electrical)	Existing to Remain	Existing to Remain	Basis of Design - Overhead Door Stormite 625 slot insulated F-265. Function: Swing (Pair) Size: Existing to Remain Finish: Paint Rating: Existing to Remain
139	Material: Glass 1/2" Tempered Welded (See Electrical)	Card Reader	H6, H7,C4,L8,L5	Basis of Design - Overhead Door Stormite 625 slot insulated F-265. Function: Swing (Pair) Size: 3'-0" x 10'-0" Finish: Clear Rating: 0 hr
140	Material: Glass 1/2" Tempered Welded (See Electrical)	Card Reader	H6, H7,C4,L8,L5	Basis of Design - Overhead Door Stormite 625 slot insulated F-265. Function: Swing (Pair) Size: 3'-0" x 10'-0" Finish: Clear Rating: 0 hr
141	Material: Hollow Metal Welded (See Electrical)	Card Reader	H1,H2,C1,L6, M1,M2	Basis of Design - Overhead Door Stormite 625 slot insulated F-265. Function: Swing (Pair) Size: 3'-0" x 8'-0" Finish: Paint Rating: 0 hr
142	Material: Hollow Metal Welded (See Electrical)	Card Reader	H1,H2,C1,L6, M1,M2	Basis of Design - Overhead Door Stormite 625 slot insulated F-265. Function: Swing (Pair) Size: 3'-0" x 8'-0" Finish: Paint Rating: 0 hr
143	Material: Hollow Metal Welded (See Electrical)	Card Reader	H1,H2,C1,L6,M1	Basis of Design - Overhead Door Stormite 625 slot insulated F-265. Function: Swing (Pair) Size: 3'-0" x 8'-0" Finish: Paint Rating: 0 hr
144	Material: Hollow Metal Welded (See Electrical)	Card Reader	H3,C3,L16,M5, T1	Basis of Design - Overhead Door Stormite 625 slot insulated F-265. Function: Swing (Pair) Size: 3'-0" x 8'-0" Finish: Paint Rating: 0 hr
Door Schedule (Continued)				
Location Door				
1st Floor Continued				
119	Material: Storefront Welded (See Electrical)	Card Reader	H6,C4,L4,L5,M6	Basis of Design - Oldcastle AD-375 Thermal 1" Glass Medium Stile Door Series 3000XT Store Front
120	Material: Storefront Welded (See Electrical)	Card Reader	H6,C4,L4,L5,M6	Basis of Design - Oldcastle AD-375 Thermal 1" Glass Medium Stile Door Series 3000XT Store Front
121	Material: Glass 1/2" Tempered Welded (See Electrical)	--	H5, H6, C4, L8, M1	Function: Swing (Pair) Size: 3'-0" x 10'-0" Finish: Clear w/Film, See Finish Schedule & Elevations Rating: 0 hr
122	Material: Hollow Metal Welded (See Electrical)	Card Reader	H1,H2,C1,L4, M2	Function: Swing (Pair) Size: 3'-0" x 8'-0" Finish: Paint Rating: 1 hr
123	Material: Hollow Metal Welded (See Electrical)	Card Reader	H1,H2,C3,L10, M2, M9	Function: Swing (Pair) Size: 3'-0" x 8'-0" Finish: Paint Rating: .75 hr
124	Material: Hollow Metal Welded (See Electrical)	Card Reader	H4,C1,L15,M1, M2	Function: Swing (Pair) Size: 3'-0" x 8'-0" Finish: Paint Rating: 0 hr
125	Material: Hollow Metal Welded (See Electrical)	Card Reader	H4,L3,M1,M2, M9	Function: Swing (Pair) Size: 3'-0" x 8'-0" Finish: Paint Rating: 0 hr
126	Material: Hollow Metal Welded (See Electrical)	Card Reader	H1,H2,C1,L6,M1	Function: Swing (Pair) Size: 3'-0" x 8'-0" Finish: Paint Rating: 1.5 hr
127	Material: Hollow Metal Welded (See Electrical)	Card Reader	H1,H2,C1,L6,M1	Function: Swing (Pair) Size: 3'-0" x 8'-0" Finish: Paint Rating: 0 hr
128	Material: Glass 1/2" Tempered Welded (See Electrical)</td			



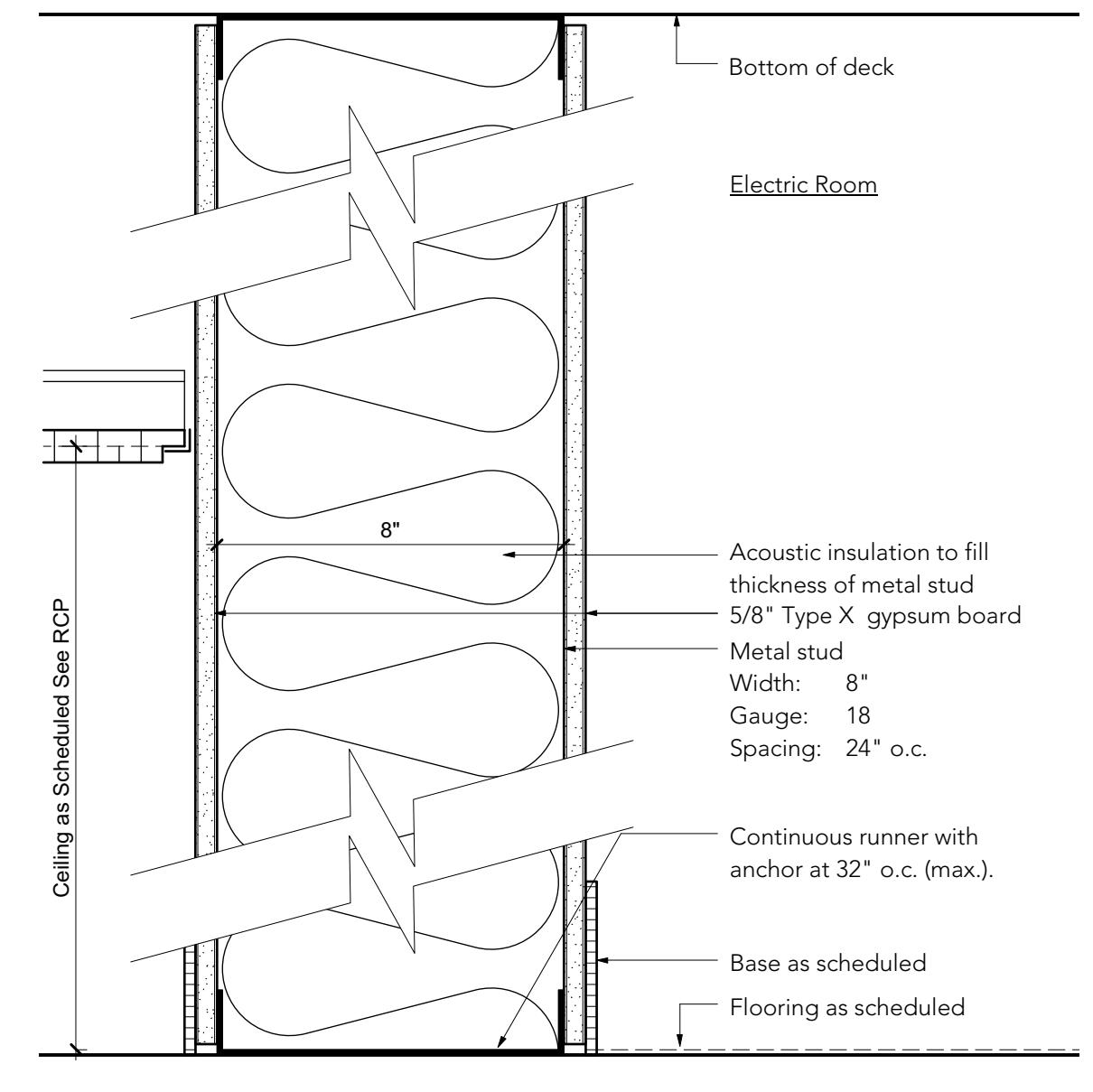
P8 PARTITION - SCIF (STC 45) Shaft Wall
Scale: Not To Scale



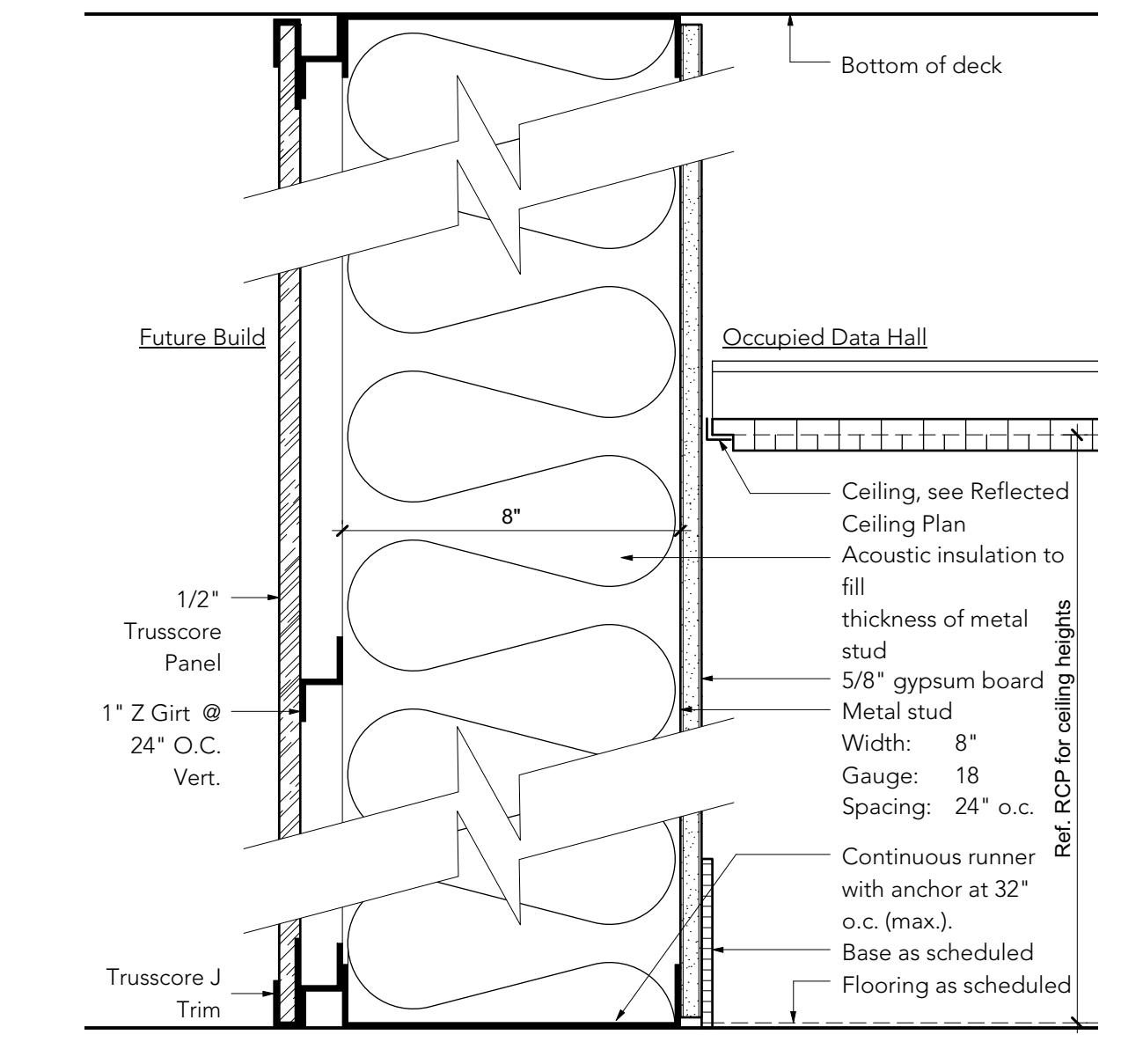
P7 Secure (SCIF)
Scale: Not To Scale
Meets or exceeds 45 STC



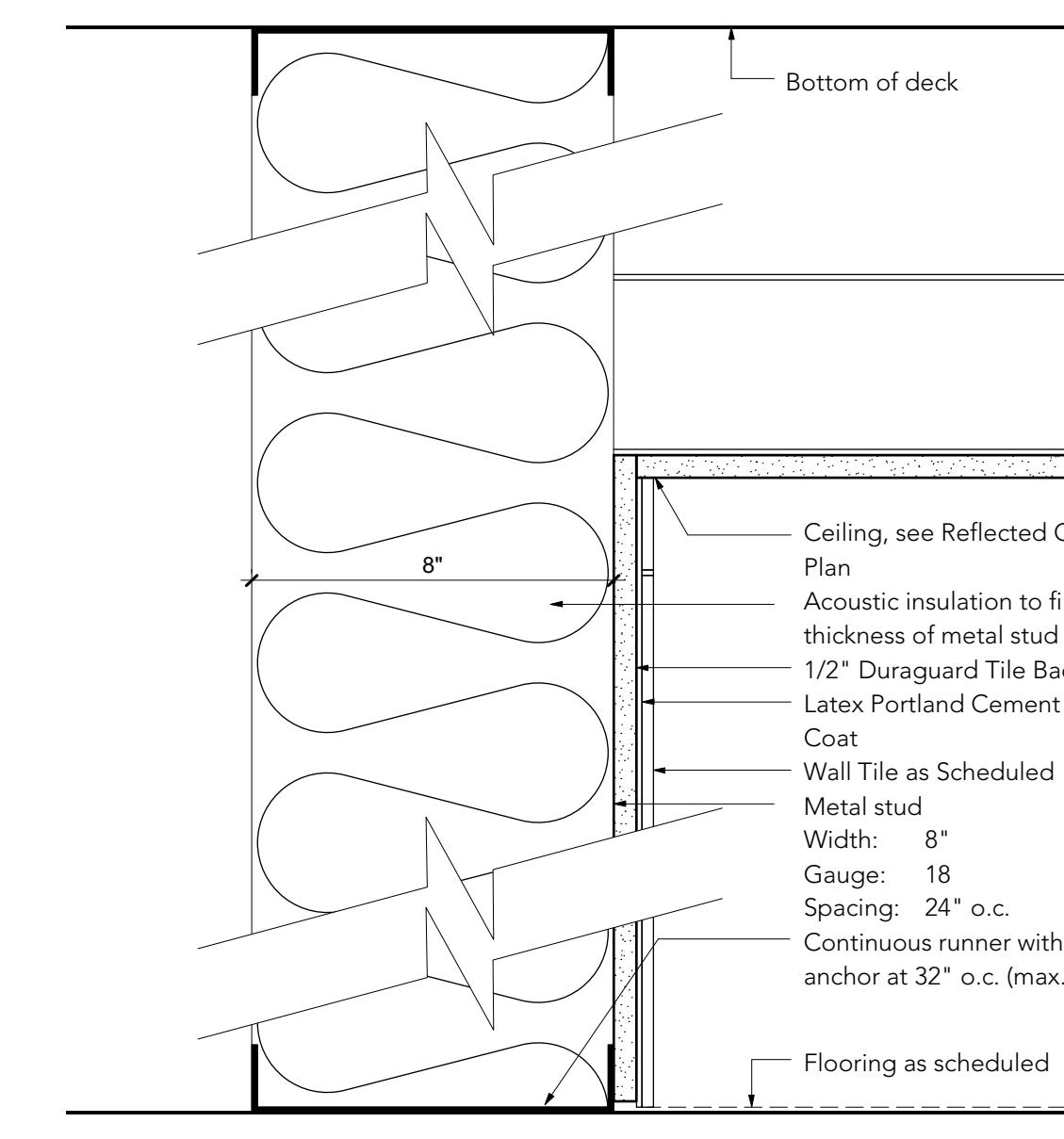
P6 Typical 1 Hr Mechanical Shaft Wall (UL U425)
Scale: Not To Scale



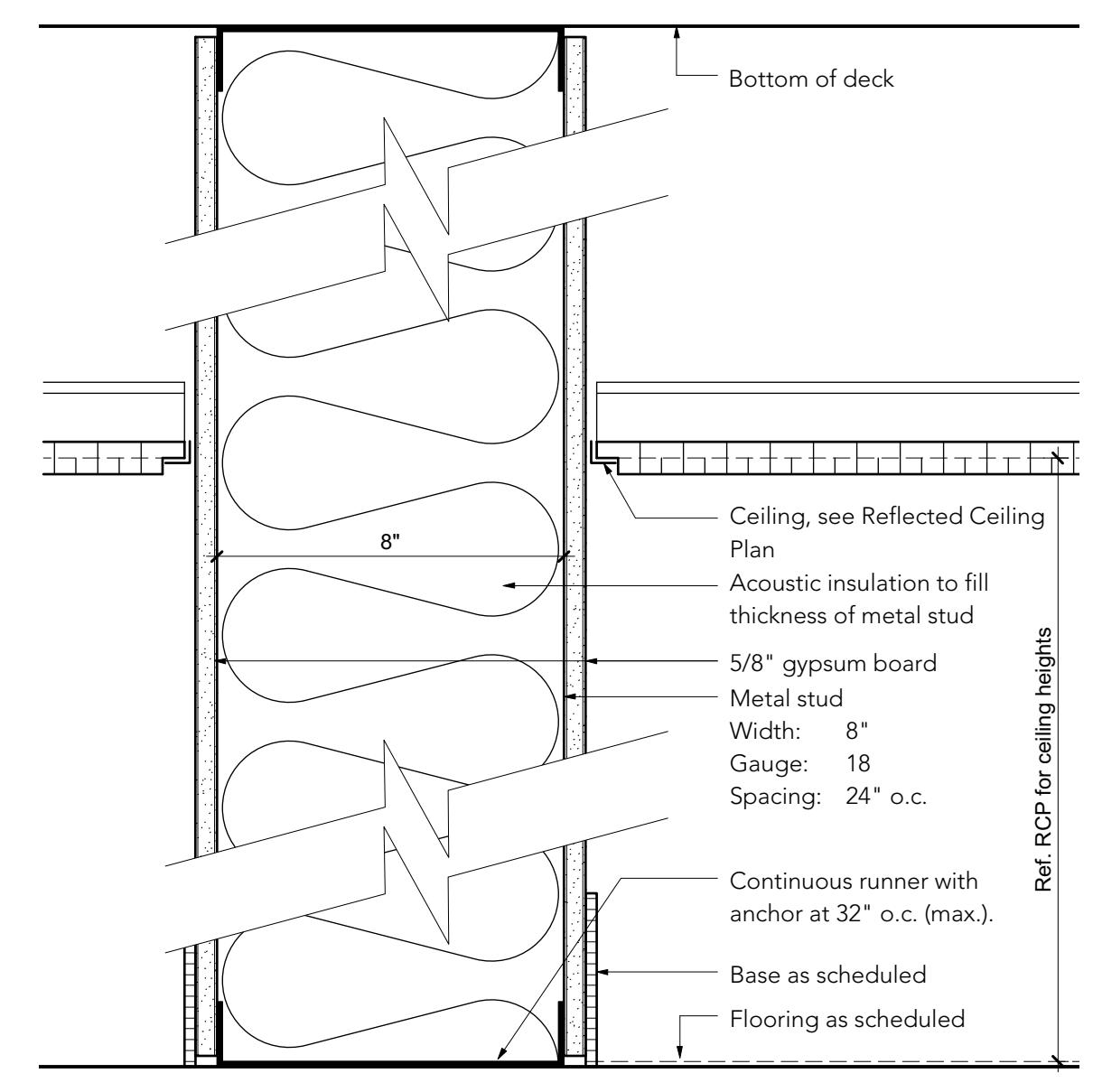
P5 Typical 1Hr Electric Room Wall (UL U425)
Scale: Not To Scale



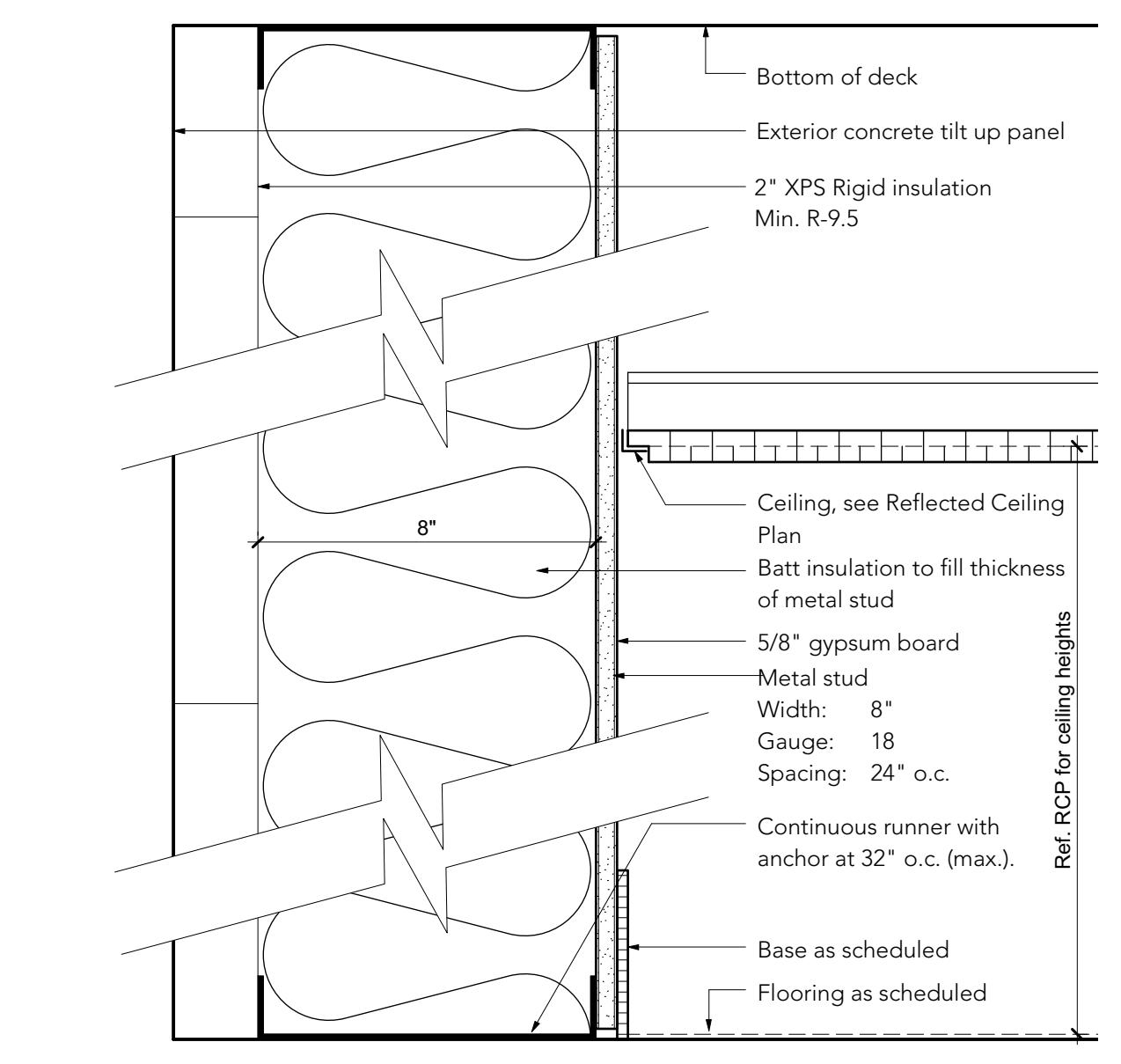
P4 Typical Data Hall Demising Wall
Scale: Not To Scale



P3 Typical Restroom/ Galley Wall
Scale: Not To Scale



P2 Typical Corridor Wall
Scale: Not To Scale



P1 Typical Furring Wall
Scale: Not To Scale

Finish Schedule - Interior Materials

Flooring	Base	Wall Finishes	Wall Finishes	Ceiling	Millwork / Miscellaneous	Transitions		
F1 Access Flooring	Tate ConCore Style: CC1250 High Pressure Laminate Surface Color: ST61 Grey Starlite Size: 24" x 24" Installation: Bolted stringer understructure Location: Data Hall 1 East Note #1: See plans for panel starting point	B1 Painted Wood Base (Recessed) Species: Paint Grade Solid Poplar Color: 4", Recessed Style: Semi-gloss to match wall color above - U.O.N. Location: Where Noted Note #1: Wood shall be free of damage, hole, knot, etc. no exposed nail head or hole. Surface must be prepped prior to painting.	P7 Paint (Steel Beam Columns) Species: Zinc Primer, Intermediate Epoxy, Polyurethane Color: TBC Style: Anti-Slip Coating Location: Exposed Columns - Where Noted Note #1: Exposed soffit to be painted must be clean, dry and in sound condition. All surfaces must be ground and sanded clean of rust, debris, and irregularities in order to ensure adequate adhesion for preparation of paint application.	W3 Porcelain Tile Manufacturer: Architectural Ceramics Collection: Portland Style: Honed Color: Aqua Finish: TBC Location: Restroom General Wall - Unisex Restroom, Women's and Men's (East and West)	C1 Ceiling Tile, Grid & Strut System Manufacturer: Armstrong (Tiles & Grid) Collection: Cooper Industries (Strut System) Size: 12x24 Color: TBC Finish: Mapei - Kerapoxy or approved equal GROUT Color: 02 Pewter Installation: Stacked, Horizontal Orientation Location: Data Hall 1 East	M1 Solid Surface Material Manufacturer: Caesarstone Color: 6141 Ocean Foam Thickness: See Detail Style: Clean Room FL, Square Lay-In (Tiles) Size: 24" x 24", 5/8" Thickness (Tiles) Color: White Gray Spatter (Tiles) Width/Repeat: 15/16" (Grid) Location: Restroom Vanity - Unisex Restroom, Women's and Men's (East and West)	T1 Schuler Transition (Floor) Manufacturer: Schuler Style: Schiene Finish: Stainless Steel or approved equal/similar Size: GC to verify Location: Carpet to Porcelain Tile Note #1: Provide transition at floor changes with different thicknesses. All ramping/feathering of lower finish to higher finish to be ADA compliant.	
F2 Ceramic Tile	Ceramic Techincs Ltd. Style: Napoli Stone Mixed Surfaces Size: 12" x 24" Rectified Color: Graphite Pattern: Mixed - Natural, Textured, Linear, and Linear Finish: Natural Thickness: 10mm GROUT: Mapei - Kerapoxy or approved equal GROUT Color: 47 Charcoal Installation: Monolithic/Stacked Location: Throughout U.O.N. Note #1: Random installation comprised of equal amounts of all patterns. Note #2: Follow all manufacturer required testing guidelines prior to installation of product.	B2 Painted Wood Base (Surface Applied) Species: Paint Grade Solid Poplar Color: 4", Surface Applied Style: Semi-gloss to match wall color above - U.O.N. Location: Throughout, U.O.N. Note #1: Wood shall be free of damage, hole, knot, etc. no exposed nail head or hole. Surface must be prepped prior to painting.	P8 Paint (Curtain Wall Supports) Species: Sherwin Williams Series: TBD Color: SW 7072 Online Finish: TBC Location: Curtain Wall Supports - Typical Note #1: Final color specification to be confirmed with Owner. Note #2: Paint subcontractor to verify appropriate process if it differs from the above specification.	W4 Wallcovering Manufacturer: MDC Collection: Candice Olson Couture Edition Style: Fabric-backed Vinyl - MC2020/4798 Color: Finesse Slab Width/Repeat: 54" Location: Conference 1, Boardroom Note: Special attention to secure seams required	C1.1 Ceiling Tile & Grid Manufacturer: Armstrong (Tiles & Grid) Collection: Fabric-backed Vinyl - MC2020/4798 Style: Clean Room FL, Square Lay-In (Tiles) Color: White with Gray Spatter (Tiles) Width/Repeat: 15/16" (Grid) Location: Conference 1, Boardroom Note: Special attention to secure seams required	M2 Solid Surface Material Manufacturer: Dupont Zodiaq (Corian Quartz) Color: Dove Grey Thickness: See Detail Style: Clean Room FL, Square Lay-In (Tiles) Size: 15/16" (Grid) Color: White (Strud) Width/Repeat: 15/16" (Grid) Location: Restroom Vanity - Unisex Restroom, Women's and Men's (East and West)	T2 Transition Manufacturer: Schuler Style: Reno Ramp Finish: Satin Anodized Aluminum Size: GC to verify appropriate product and size Location: Porcelain to Access Floor Note #1: Provide transition at floor changes with different thicknesses. All ramping/feathering of lower finish to higher finish to be ADA compliant.	
F3 Ceramic Tile	Ceramic Techincs Ltd. Style: Napoli Stone Natural Surfaces Size: 12x24 Color: Graphite Finish: Natural Thickness: 10mm GROUT: Mapei - Kerapoxy or approved equal GROUT Color: 47 Charcoal Installation: Monolithic/Stacked Location: Unisex Restroom, Women's and Men's (East and West) Note #2: Follow all manufacturer required testing guidelines prior to installation of product.	B3 Vinyl Base Manufacturer: Mannington Commercial Style: 4" Straight (at Carpet) 4" Cove (at Concrete) Color: 938 Midnight Location: Where Noted Note #1: Final color specification to be confirmed with Owner. Note #2: Both horizontal and vertical supports to be painted the same color.	P9 Paint (Interior Handrails) Species: Sherwin Williams Series: SW 7005 Pure White Color: Eg-Shel Finish: Semi-gloss Location: Throughout U.O.N. Note #1: Final color specification to be confirmed with Owner. Note #2: Paint subcontractor to verify appropriate series	W5 Custom Wood - Accent Feature Wall Manufacturer: GC to provide Style: Custom Pattern - See Elevations Color: Western Hemlock - Mixed Grain or approved equal Stain Color: Design intent to match/similar in color to M3 Slat Specs: TBC Thickness: TBC - Varying 2x Edges: TBC Finish: TBC Location: Working - Where Noted Note #1: Final design/specification to be finalized with Owner. Note #2: Provide at minimum (3) mock-up samples for approval by Owner and Architect. Note #3: Substrate to be painted black.	C2 Ceiling Tile & Grid - Front of House Manufacturer: Amerock Style: Optima - Tegular - Fine texture (Tiles) Color: White (Grid) Width/Repeat: 15/16" Center to Center Location: See RCP	M3 Plastic Laminate Manufacturer: Wilsonart Color: 795K-12 Walnut Heights Orientation: Grain - Vertical Location: Coffee Bar Cabinets, Galley Cabinets, Restroom Vanity Panel - Unisex Restroom, Women's and Men's (East and West)	T3 Schuler Transition (Glass) Manufacturer: Schuler Style: Deto - SG Finish: Satin Anodized Aluminum Size: GC to verify Location: Security Office (Channel - Glass/Countertop)	
F4 Carpet Tile	Bentley Mills Style: SECCO BSH22 Color: Resist 80700 Size: 18" x 36" Backing: AFIRMA Hardback Installation: Ashlar Location: Conference 1, Security Office, Boardroom Note #1: Follow manufacturer guidelines/installation over access flooring in SCIF/Conference and NOC.	P1 Paint (General) Manufacturer: Sherwin Williams Series: ProMar 200 Zero VOC Color: SW 7005 Pure White Finish: Eg-Shel Location: Throughout U.O.N. Note #1: Final color specification to be confirmed with Owner.	P2 Paint (Dors/Frames) Manufacturer: Sherwin Williams Series: Pro Industrial Acrylic Interior/Ext. 100% Acrylic Paint Color: SW 7005 Pure White Finish: Semi-gloss Location: Doors and Frames - Where applicable, Vestibule Note #1: Final color specification to be confirmed with Owner.	P10 Paint (Concrete) Manufacturer: To Match P1 or approved equal Series: Paint subcontractor to verify appropriate series Color: To Match P1, unless otherwise noted Finish: Eg-Shel (or per manufacturer's recommendation) Location: Concrete Cellar Walls Note #1: Final color specification to be confirmed with Owner.	W6 NOT USED	W7 NOT USED	W8 FRP Panel Manufacturer: Marlite or approved equal Style: Standard Color: White Location: Janitor Note #1: Include PVC trim and base molding, adhesives, silicone Note #2: Surface apply to an approved substrate.	C4 Open Ceiling Manufacturer: Sherwin Williams Style: Pro Industrial Waterborne Acrylic Drywall Paint Color: SW7005 Pure White Finish: Flat Location: See RCP
F5 NOT USED		P3 Paint (Accent 1) Manufacturer: Sherwin Williams Series: ProMar 200 Zero VOC Color: SW 7005 Indigo Basik Finish: Eg-Shel; Semi-gloss @ Security Office Door and Frame Location: Where Noted Note #1: Final color specification to be confirmed with Owner.	P4 Paint (Accent 2) Manufacturer: Sherwin Williams Series: ProMar 200 Zero VOC Color: SW 7072 Online Finish: Eg-Shel Location: See Finish Plan & Interior Elevations Note #1: Final color specification to be confirmed with Owner.	W9 Wood Slat Wall System Manufacturer: Armstrong Product Name: Woodworks Grille Wood Finish: Grille White Panel Size: 12" W x 96" L Slat Specs: 1" Slot Width, 2-1/4" Slat Height, 4 Slats per panel Grid: Prelude XL Heavy Duty Suspensions System in Black Grid Color: Black Edge: Backer Only (BO) Location: Upper Lobby Wall Note #1: Final specification to be confirmed with Owner. Note #2: Paint substrate black prior to installation of panels. Note #3: Light fixtures to be apart of wood slat wall design. Exact locations, etc. to be determined and coordinated in field.	C5 Gypsum Board Ceiling Manufacturer: Sherwin Williams Color: SW7005 Pure White Finish: Flat Location: Front of House Throughout U.O.N. Note: See RCP	T4 Stone Threshold Manufacturer: Schuler Style: Marble Color/Finish: TBD Width: GC to verify Location: Concrete to Porcelain Tile (Women's and Men's - Loading Dock)		
F6 Walk-Off	Matsinc. Series: Nuways Style: Surface/Shallow Recessed System Scraper Color: Design Aluminum Wiper Strip: Charcoal Exterior Transition: Surface Interior Transition: Shallow Recessed Location: Vestibule Note #1: Final specification to be confirmed with Owner.	P5 Paint (Accent 3) Manufacturer: Sherwin Williams Series: ProMar 200 Zero VOC Color: SW 7074 Software Finish: Eg-Shel Location: See Finish Plans and Interior Elevations Note #1: Final color specification to be confirmed with Owner.	P6 Paint (Dors/Frames) Manufacturer: Sherwin Williams Series: Pro Industrial Acrylic Interior/Ext. 100% Acrylic Paint Color: SW9165 Elephant Ear Finish: Eg-Shel Location: Doors and Frames - Where applicable (Inside Unisex Restroom, Women's and Men's - East and West) Note #1: Final color specification to be confirmed with Owner.	W2 Ceramic Tile Manufacturer: Architectural Ceramics Collection: Gilt Brick Style: Mosaic - Arrow Deco Color: 11.8" Square Sheet Finish: White GROUT Color: Glossy GROUT: Mapei - Kerapoxy or approved equal 38 Avalanche Location: Coffee Bar, Gallery Note: Equal amounts of all three finishes (canvas, glaze, rock) Note #1: Final color specification to be confirmed with Owner.	C6 Ceiling Tile & Grid Manufacturer: Armstrong Style: Optima - Tegular - Fine texture (Tiles) Color: White (Grid) Width/Repeat: 24" x 72" (Tiles) Location: See RCP			
X1 Paint	Tex-Cote (Textured Coatings of America) Product: XL-70 Fine Color: TBC Finish: Fine Location: Typical Concrete Tilt Up Panel	XW1 Metal Panel Manufacturer: Laminator's Inc Omega Panel Products Style: Omeg Lite Color: Champagne Thickness: 6mm Edges: Square - Rout & Return Installation: Dry Seal Location: Primary Lobby Exterior	Miscellaneous XM1 Wood Look Planks Manufacturer: B&N Industries Style: Fortina Color: TE-904 Accord Cherry Thickness: 6mm Edges: Square - Rout & Return Installation: South wall below canopy	XT1 Fry Reglet Transition (Wall) Manufacturer: Fry Reglet Style: Springlok - SM Reglet Color: Stainless Steel Thickness: TBC Location: Foundation Walls & Parpet Walls Notes: TBD				
X2 Paint	Tex-Cote (Textured Coatings of America) Product: XL-70 Color: TBC Finish: Fine Location: Formliner Concrete Tilt Up Panel	XW2 Metal Panel Manufacturer: Alucobond Style: Alucobond PE Color: Driftwood Mica Thickness: 4mm Edges: Square - Rout & Return Installation: Dry Seal Location: North wall	XM2 Downspouts Manufacturer: TBD Color: To match adjacent concrete tilt up panel color Size: TBD Location: North wall					
X3 Paint	Manufacturer: Sherwin Williams Finish:	XW3 Metal Panel Manufacturer: Alucobond Style: Alucobond PE Color: Rusted Metal PVDF Thickness: 4mm Edges: Square - Rout & Return Installation: Dry Seal Location: Canopy Feature	XM3 Scupper boxes Manufacturer: TBD Color: To match adjacent concrete tilt up panel color Size: TBD Location: North wall	XT2 Fry Reglet Transition (Wall) Manufacturer: Fry Reglet Style: Springlok - SM Reglet Color: Stainless Steel Thickness: TBC Location: Foundation Walls & Parpet Walls Notes: TBD				
X4 Paint	Manufacturer: Sherwin Williams Finish:	XW4 Corrugated Metal Panel Manufacturer: Morin Style: Matrix Series - MX 1.0 Color: Perforated - 1/8" Hole - 7/32" Spacing 30% Open Thickness: TBD Edges: 20 ga Galvalume Location: Parpet Equipment Screen		XT3 Fry Reglet Transition (Wall) Manufacturer: Fry Reglet Style: Springlok - SM Reglet Color: Stainless Steel Thickness: TBC Location: Foundation Walls & Parpet Walls Notes: TBD				
X5 Paint	Manufacturer: Sherwin Williams Finish:	XW5 Glass (Curtain Wall) Manufacturer: Glass - TBD Curtain Wall - Oldcastle Type: Glass Insulated Sunlight Pleotint Inter Layer Point Support S3000 Spider - Outside Discs Thickness: 1"		XT4 Fry Reglet Transition (Wall) Manufacturer: Fry Reglet Style: Springlok - SM Reglet Color: Stainless Steel Thickness: TBC Location: Foundation Walls & Parpet Walls Notes: TBD				
X6 Paint	Manufacturer: Sherwin Williams Finish:	XW6 Glass (Curtain Wall) Manufacturer: Glass - TBD Curtain Wall - Oldcastle Type: Glass Insulated Sunlight Pleotint Inter Layer Point Support S3000 Spider - Outside Discs Thickness: 1"		XT5 Fry Reglet Transition (Wall) Manufacturer: Fry Reglet Style: Springlok - SM Reglet Color: Stainless Steel Thickness: TBC Location: Foundation Walls & Parpet Walls Notes: TBD				
X7 Paint	1st Coat: Exterior Latex Primer B42W41 2nd Coat: Exterior Latex Flat, A6 Series 3rd Coat: Exterior Latex Flat, A6 Series Color: SW 7674 Peppercorn Location: Exterior Handrail + Railings	XW7 Concrete Formliner Manufacturer: Spec Formliners, Inc. Style: Adrian flute - Pattern #1734 Depth: 3/4" depth Pattern Repeat: 4" Location: See Exterior Elevations Installation: Horizontal Orientation		XT6 Fry Reglet Transition (Wall) Manufacturer: Fry Reglet Style: Springlok - SM Reglet Color: Stainless Steel Thickness: TBC Location: Foundation Walls & Parpet Walls Notes: TBD				

Notes - Finishes

- Paints with saturated color require proper color based primer for accurate color rendering.
- All finishes used throughout new work/tenant space shall have a flame spread rating of 75 or less with a maximum smoke generation factor of 450 per section 10.2, NFPA101.
- Follow all manufacturer's instructions for requirements of preparation, installation, and maintenance of all products.
- Follow all manufacturer's guidelines for any required testing prior to installation of all products.
- Interior wall and ceiling finish materials shall be classified for fire performance and smoke development in accordance with 2015 IBC Sections 803.1, 803.2.
- Interior floor finish and floor covering materials shall comply with 2015 IBC Sections 804.2 - 804.4.2.

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Cyxtex - DC7

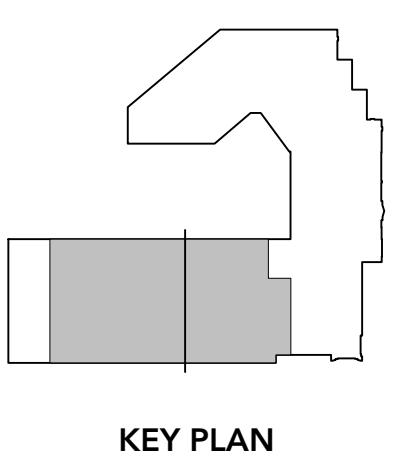
Finish Schedule

Permit Set 02-12-2019
Bid Set 02-22-2019

Project Number: 180102

Finish Schedule - Exterior Materials

Wall Finishes - Paint	Wall Finishes	Miscellaneous	Transitions
XP1 Paint Manufacturer: Tex-Cote (Textured Coatings of America) Product: XL-70 Fine Color: TBC Finish: Fine Location: Typical Concrete Tilt Up Panel	XW1 Metal Panel Manufacturer: Laminator's Inc Omega Panel Products Style: Omeg Lite Color: Champagne Thickness: 6mm Edges: Square - Rout & Return Installation: Dry Seal Location: Primary Lobby Exterior	XM1 Wood Look Planks Manufacturer: B&N Industries Style: Fortina Color: TE-904 Accord Cherry Thickness: 6mm Edges: Square - Rout & Return Installation: South wall below canopy	XT1 Fry Reglet Transition (Wall) Manufacturer: Fry Reglet Style: Springlok - SM Reglet Color: Stainless Steel Thickness: TBC Location: Foundation Walls & Parpet Walls Notes: TBD
XP2 Paint Manufacturer: Tex-Cote (Textured Coatings of America) Product: XL-70 Color: TBC Finish: Fine Location: Formliner Concrete Tilt Up Panel	XW2 Metal Panel Manufacturer: Alucobond Style: Alucobond PE Color: Driftwood Mica Thickness: 4mm Edges: Square - Rout & Return Installation: Dry Seal Location: North wall	XM2 Downspouts Manufacturer: TBD Color: To match adjacent concrete tilt up panel color Size: TBD Location: North wall	XT2 Fry Reglet Transition (Wall) Manufacturer: Fry Reglet Style: Springlok - SM Reglet Color: Stainless Steel Thickness: TBC Location: Foundation Walls & Parpet Walls Notes: TBD
XP3 Paint Manufacturer: Sherwin Williams Finish: 1st Coat: All Surface Enamel Latex Primer A41W210 2nd Coat: Metolatex Semi-Gloss Coating B42 Series 3rd Coat: Metolatex Semi-Gloss Coating B42 Series Color: Color to Match Adj. Wall Location: New Exterior Doors & Door Frames	XW3 Metal Panel Manufacturer: Alucobond Style: Alucobond PE Color: Rusted Metal PVDF Thickness: 4mm Edges: Square - Rout & Return Installation: Dry Seal Location: Canopy Feature	XM3 Scupper boxes Manufacturer: TBD Color: To match adjacent concrete tilt up panel color Size: TBD Location: North wall	XT3 Fry Reglet Transition (Wall) Manufacturer: Fry Reglet Style: Springlok - SM Reglet Color: Stainless Steel Thickness: TBC Location: Foundation Walls & Parpet Walls Notes: TBD
XP4 Paint Manufacturer: Sherwin Williams Finish: 1st Coat: All Surface Enamel Latex Primer A41W210 2nd Coat: Metolatex Semi-Gloss Coating B42 Series 3rd Coat: Metolatex Semi-Gloss Coating B42 Series Color: Color to Match Adj. Wall Location: Existing Exterior Doors & Door Frames	XW4 Corrugated Metal Panel Manufacturer: Morin Style: Matrix Series - MX 1.0 Color: Perforated - 1/8" Hole - 7/32" Spacing 30% Open Thickness: TBD Edges: 20 ga Galvalume Location: Parpet Equipment Screen	XM4 Corrugated Metal Panel Manufacturer: Morin Style: Matrix Series - MX 1.0 Color: Perforated - 1/8" Hole - 7/32" Spacing 30% Open Thickness: TBD Edges: 20 ga Galvalume Location: Parpet Equipment Screen	XT4 Fry Reglet Transition (Wall) Manufacturer: Fry Reglet Style: Springlok - SM Reglet Color: Stainless Steel Thickness: TBC Location: Foundation Walls & Parpet Walls Notes: TBD
XP5 Paint Manufacturer: Sherwin Williams Finish: 1st Coat: All Surface Enamel Latex Primer A41W210 2nd Coat: Metolatex Semi-Gloss Coating B42 Series 3rd Coat: Metolatex Semi-Gloss Coating B42 Series Color: SW 7674 Peppercorn Location: Exterior Handrail + Railings	XW5 Glass (Curtain Wall) Manufacturer: Glass - TBD Curtain Wall - Oldcastle Type: Glass Insulated Sunlight Pleotint Inter Layer Point Support S3000 Spider - Outside Discs Thickness: 1"	XM5 Glass (Curtain Wall) Manufacturer: Glass - TBD Curtain Wall - Oldcastle Type: Glass Insulated Sunlight Pleotint Inter Layer Point Support S3000 Spider - Outside Discs Thickness: 1"	XT5 Fry Reglet Transition (Wall) Manufacturer: Fry Reglet Style: Springlok - SM Reglet Color: Stainless Steel Thickness: TBC Location: Foundation Walls & Parpet Walls Notes: TBD
XP6 Paint Manufacturer: Sherwin Williams Finish: 1st Coat: Exterior Latex Primer B42W41 2nd Coat: Exterior Latex Flat, A6 Series 3rd Coat: Exterior Latex Flat, A6 Series Color: To Match XP1 Location: Exterior Poured in Place Concrete Walls	XW6 Glass (Curtain Wall) Manufacturer: Glass - TBD Curtain Wall - Oldcastle Type: Glass Insulated Sunlight Pleotint Inter Layer Point Support S3000 Spider - Outside Discs Thickness: 1"	XM6 Glass (Curtain Wall) Manufacturer: Glass - TBD Curtain Wall - Oldcastle Type: Glass Insulated Sunlight Pleotint Inter Layer Point Support S3000 Spider - Outside Discs Thickness: 1"	XT6 Fry Reglet Transition (Wall) Manufacturer: Fry Reglet Style: Springlok - SM Reglet Color: Stainless Steel Thickness: TBC Location: Foundation Walls & Parpet Walls Notes: TBD
XP7 Paint Manufacturer: Sherwin Williams Finish: 1st Coat: Exterior Latex Primer B42W41 2nd Coat: Exterior Latex Flat, A6 Series 3rd Coat: Exterior Latex Flat, A6 Series Color: To Match XP1 Location: Exterior Poured in Place Concrete Walls	XW7 Concrete Formliner Manufacturer: Spec Formliners, Inc. Style: Adrian flute - Pattern #1734 Depth: 3/4" depth Pattern Repeat: 4" Location: See Exterior Elevations Installation: Horizontal Orientation	XM7 Concrete Formliner	



KEY PLAN

Drawing Key - Fire Rating Plan

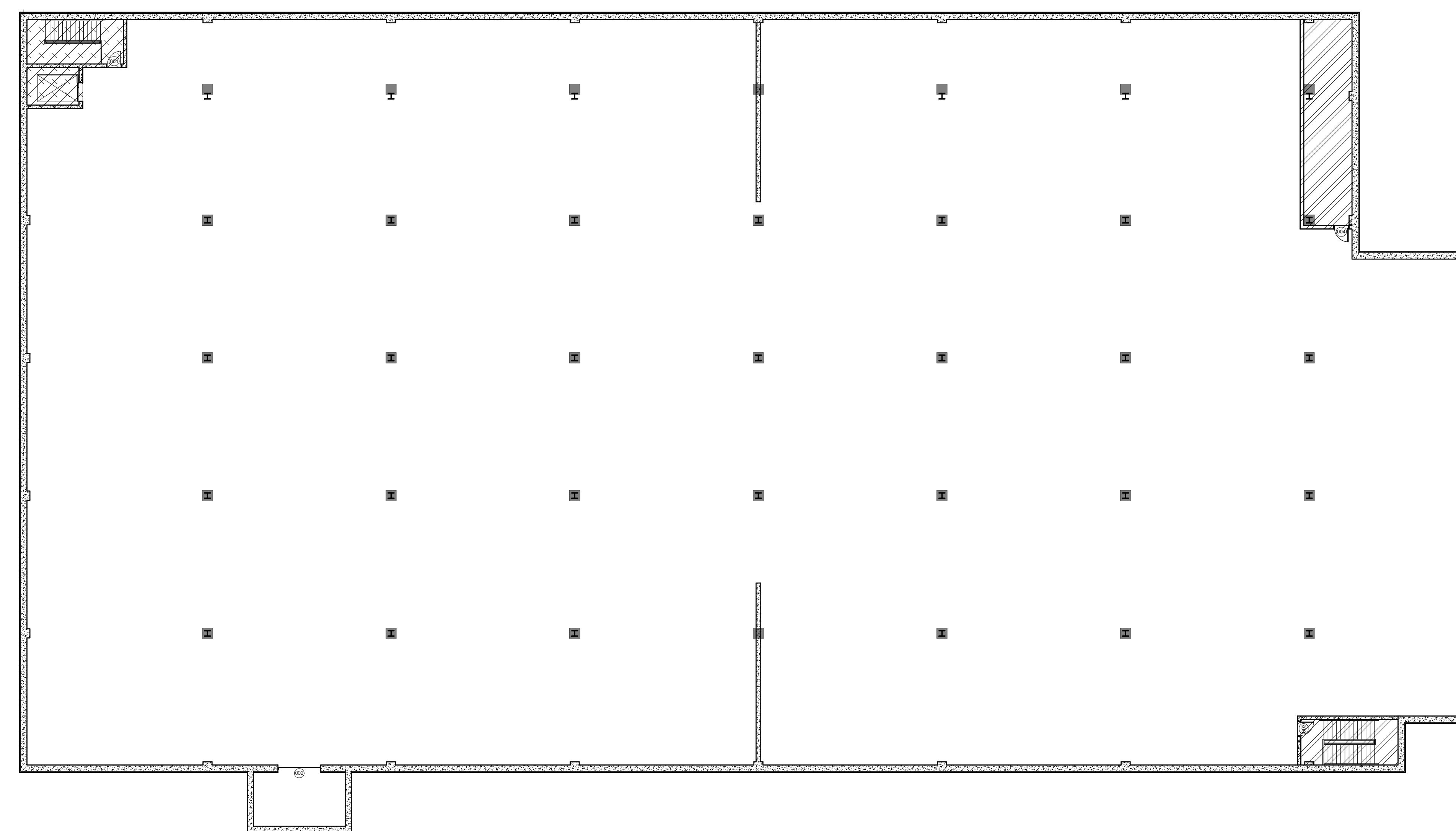
 Floor Slab - 1 HR Rated - UL D902

 Partitions - 1HR Rated
- Electric Room - UL U425
- Mechanical Shaft - UL U415
- Stair Shaft

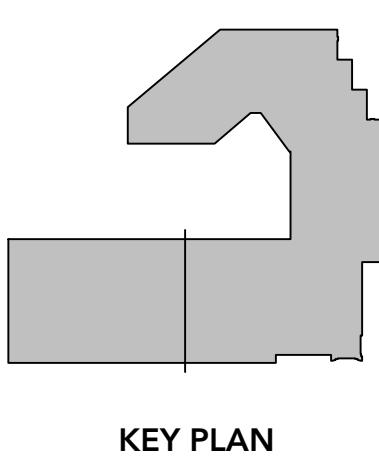
 Partitions - 2 HR Rated
- Stair Shaft - BC Table 721.1
- Elevator Shaft - BC Table 721.1

 Columns - 1HR Rated
- Perimeter Columns - UL U425
- Tube Steel Columns - UL Y616
- Interior Columns - UL Y615

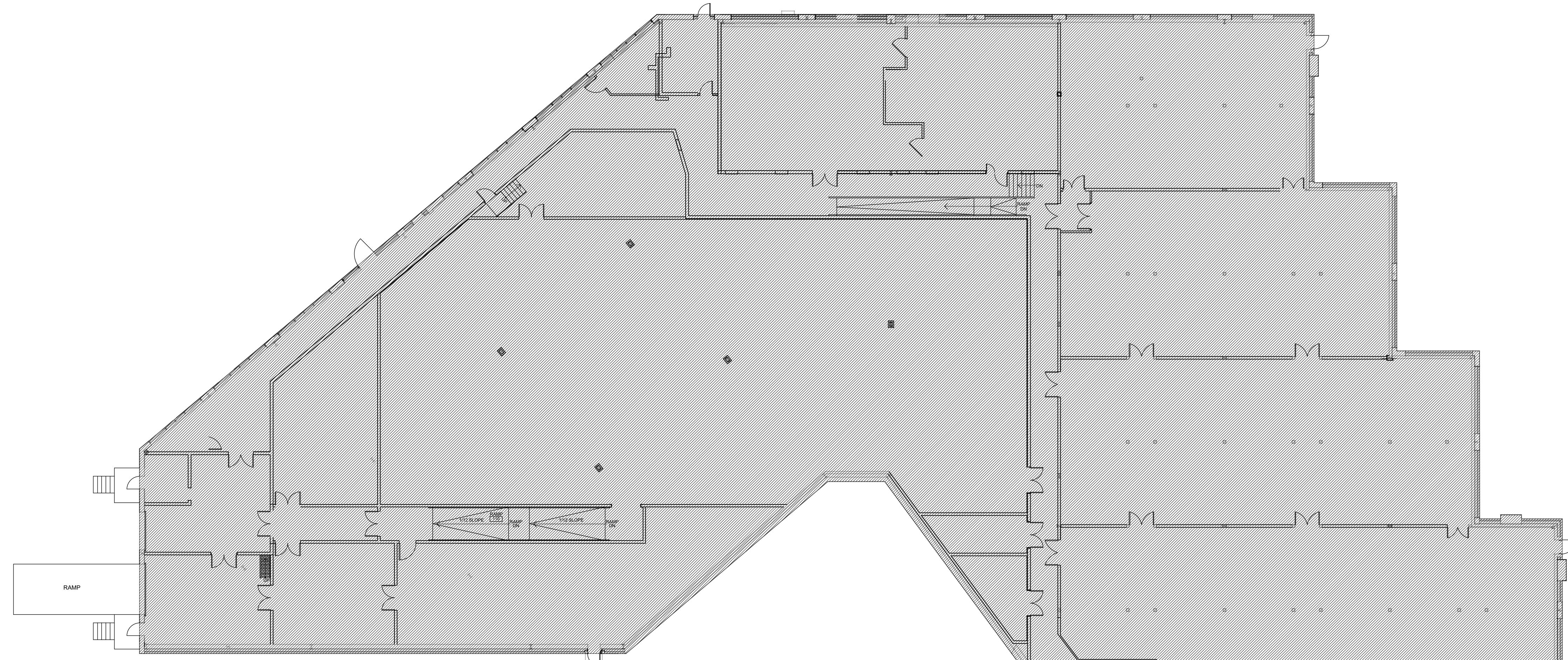
 Beams - 1HR Rated - UL D902 or UL N634



A010
Cellar Fire Rating Plan
1
Scale: 1/16" = 1'-0"
Project Number: 180102

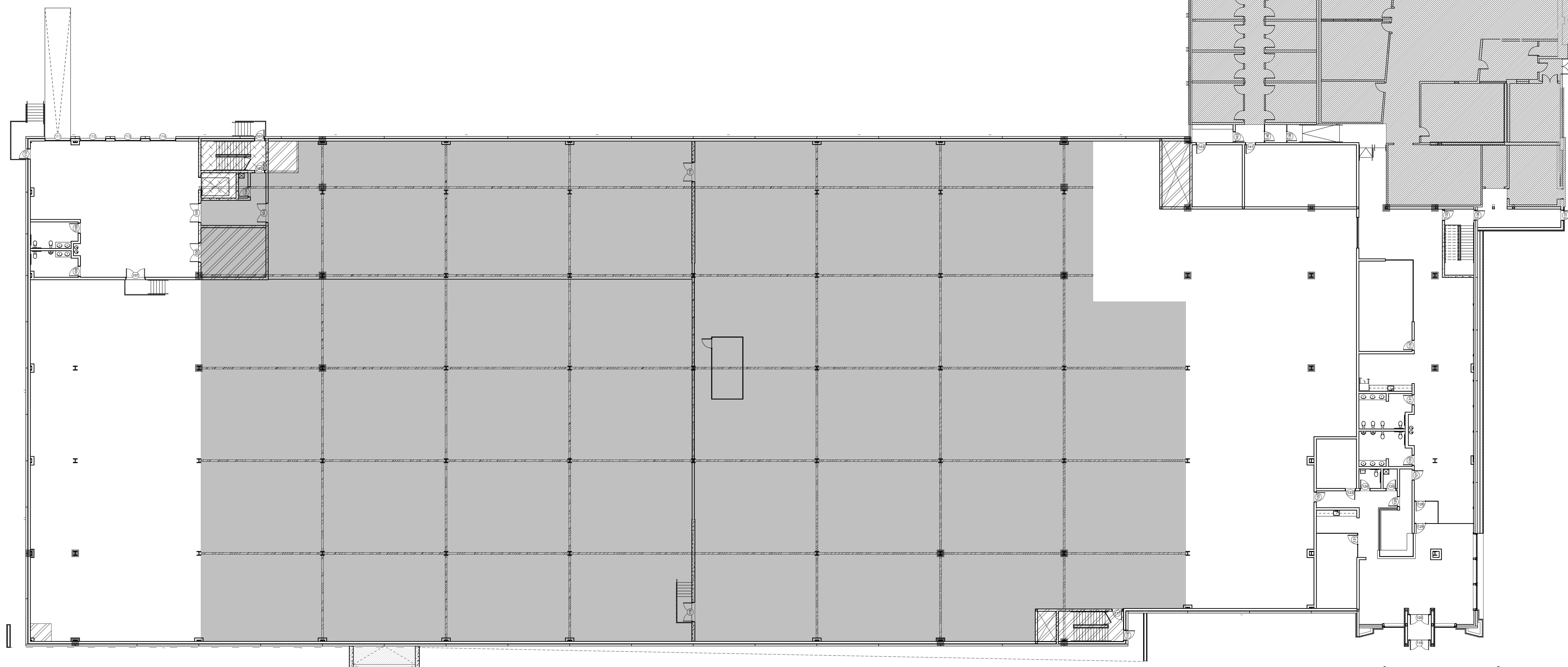


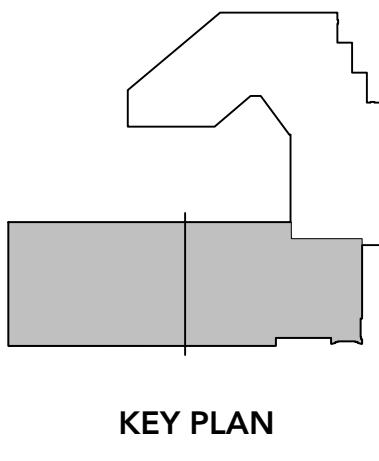
KEY PLAN



Drawing Key - Fire Rating Plan

	Area Not in Scope
	Floor Slab - 1 HR Rated - UL D902
	Partitions - 1HR Rated <ul style="list-style-type: none"> - Electric Room - UL U425 - Mechanical Shaft - UL U415 - Stair Shaft
	Partitions - 2 HR Rated <ul style="list-style-type: none"> - Stair Shaft - BC Table 721.1 - Elevator Shaft - BC Table 721.1
	Columns - 1HR Rated <ul style="list-style-type: none"> - Perimeter Columns - UL U425 - Tube Steel Columns - UL Y616 - Interior Columns - UL Y615





KEY PLAN

Drawing Key - Fire Rating Plan

Floor Slab - 1 HR Rated - UL D902

Partitions - 1HR Rated
- Electric Room - UL U425
- Mechanical Shaft - UL U415
- Stair Shaft

Partitions - 2 HR Rated
- Stair Shaft - BC Table 721.1
- Elevator Shaft - BC Table 721.1

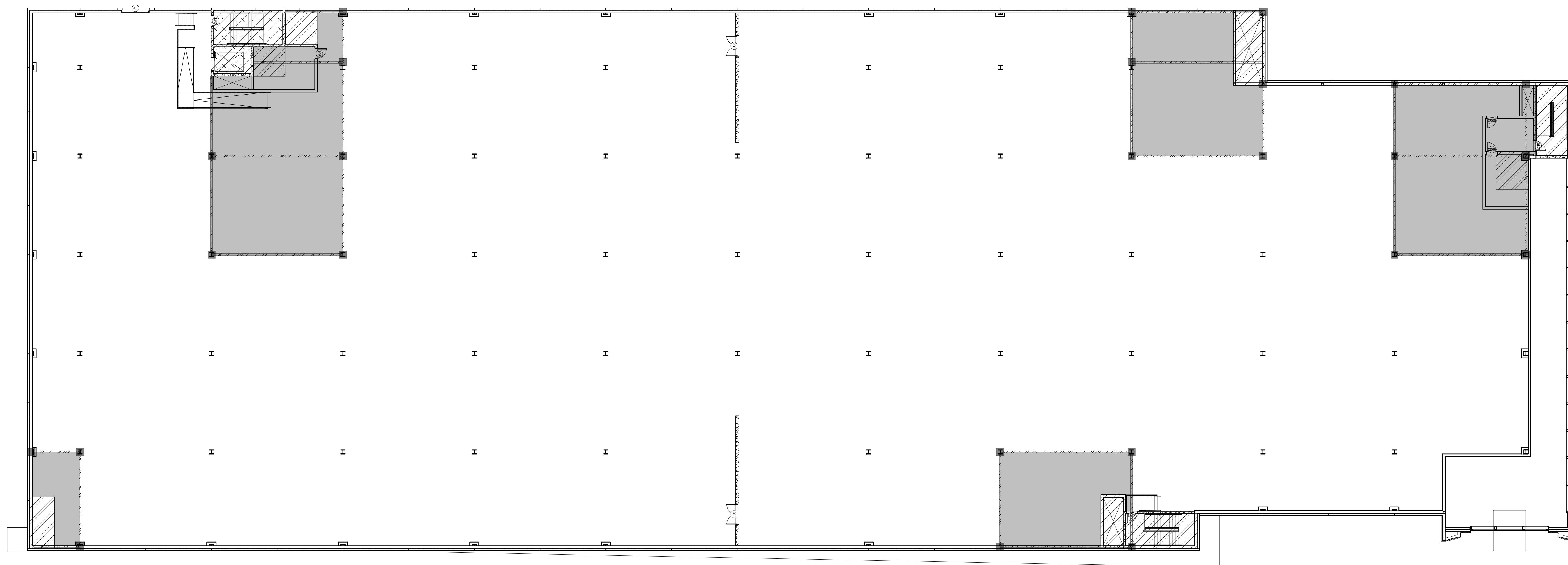
Columns - 1HR Rated
- Perimeter Columns - UL U425
- Tube Steel Columns - UL Y616
- Interior Columns - UL Y615

Beams - 1HR Rated - UL D902 or UL N634

Cyxtera - DC7

22995 Wilder Court
Sterling, VA 20166

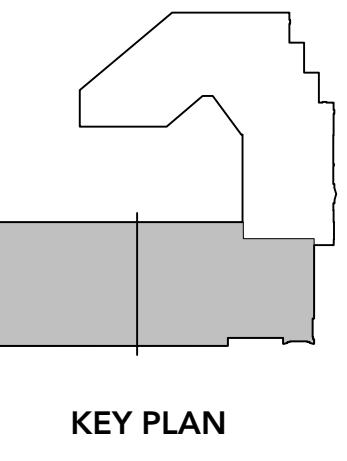
New Second Floor Fire Rating Plan



Permit Set 02-12-2019
Bid Set 02-22-2019

Project Number: 180102

A012



KEY PLAN

Drawing Key - Fire Rating Plan

 Floor Slab - 1 HR Rated - UL D902

 Partitions - 1HR Rated
- Electric Room - UL U425
- Mechanical Shaft - UL U415
- Stair Shaft

 Partitions - 2 HR Rated
- Stair Shaft - BC Table 721.1
- Elevator Shaft - BC Table 721.1

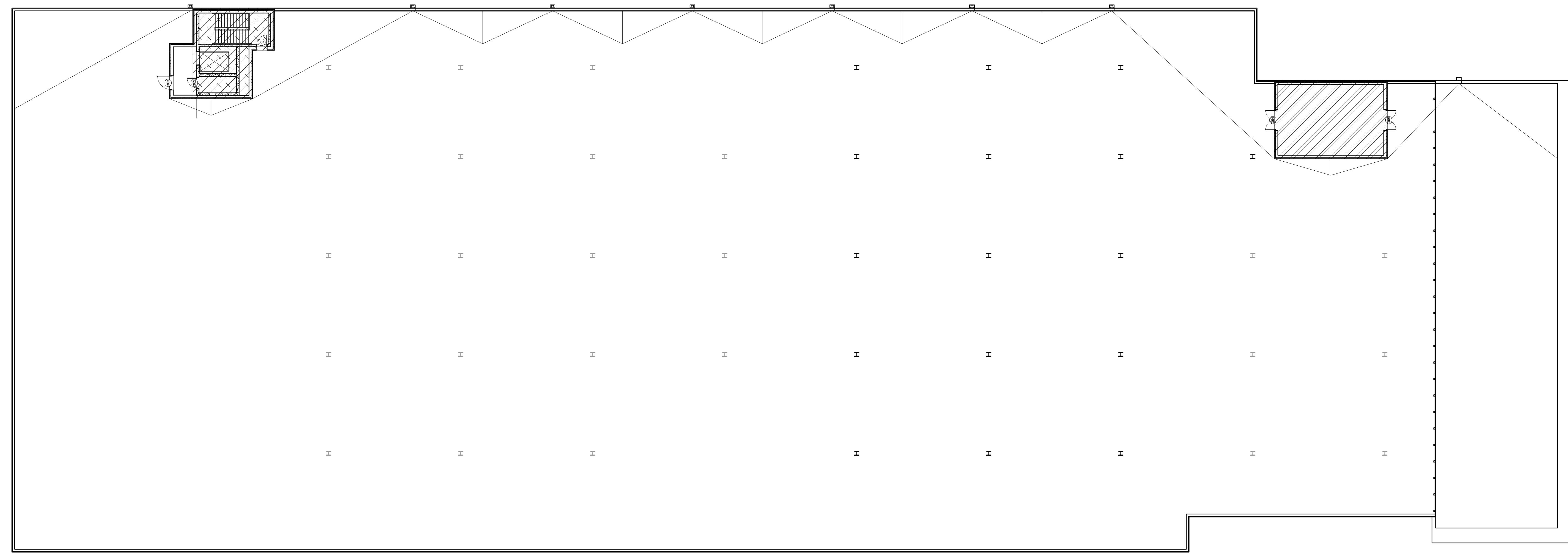
 Columns - 1HR Rated
- Perimeter Columns - UL U425
- Tube Steel Columns - UL Y616
- Interior Columns - UL Y615

 Beams - 1HR Rated - UL D902 or UL N634

Cyxtera - DC7

22995 Wilder Court
Sterling, VA 20166

New Roof Fire Rating Plan



Permit Set 02-12-2019
Bid Set 02-22-2019

Project Number: 180102

A013



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Cyxtex - DC7

22995 Wilder Court
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Rated Assemblies

Permit Set 02-12-2019
Bid Set 02-22-2019

Project Number: 180102

A015

Fire Rated Assemblies

FIRE-RESISTANCE DESIGN

Assembly Usage Disclaimer

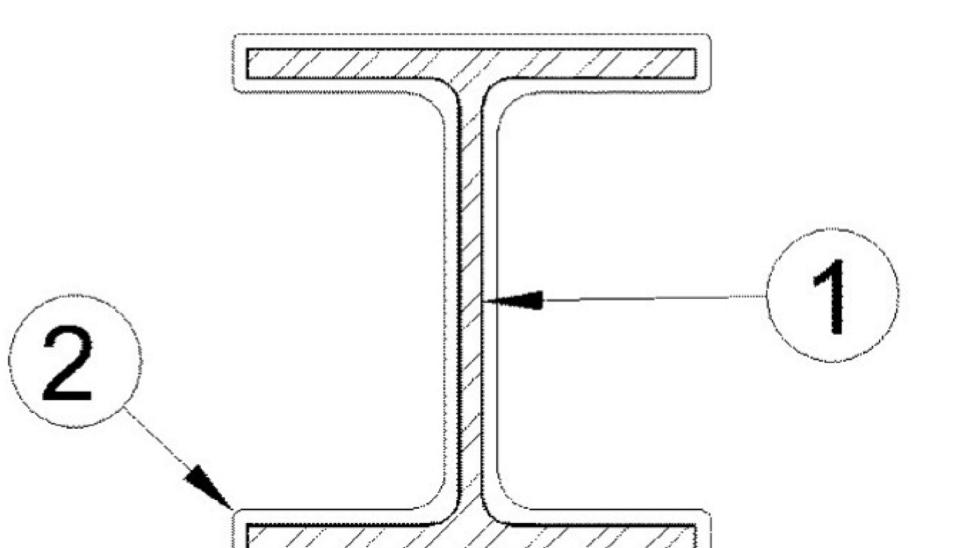
BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States
BXUV - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada
See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States Design Criteria and Allowable Variances
See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada Design Criteria and Allowable Variances

Design No. Y615

September 22, 2016

Ratings - 1, 1-1/2, 2, and 3 Hr. (See Item 2)

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.



1. Steel Column — Wide flange steel columns with the minimum sizes shown in the tables below. Columns shall be free of dirt, loose scale and oil. Columns shall be primed with a metal alkyl or epoxy primer at a nominal thickness of 1 mil.

2. Mastic and Intumescent Coatings* — Coating spray or brush applied directly from containers to desired thickness. See tables below for appropriate final dry thickness and applicable rating.

Steel Size	W/D	1 Hr Min Thickness, in.	1-1/2 Hr Min Thickness, in.	2 Hr Min Thickness, in.	3 Hr Min Thickness, in.	
W8x12	0.44	0.093	N/A	N/A	N/A	
W8x15	0.48	0.095	N/A	N/A	N/A	
W10x22	0.52	0.078	N/A	N/A	N/A	
W4x13	0.55	0.074	N/A	N/A	N/A	
W8x24	0.59	0.099	N/A	N/A	N/A	
W14x34	0.63	0.095	N/A	N/A	N/A	
W8x31	0.66	0.062	0.126	0.191	N/A	
W10x30	0.70	0.058	0.119	0.180	N/A	
W8x35	0.74	0.055	0.113	0.170	N/A	
W10x39	0.78	0.052	0.107	0.161	N/A	
W10x49	0.84	0.049	0.099	0.150	0.307	
W10x45	0.89	0.046	0.094	0.141	0.289	
W16x57	0.95	0.043	0.088	0.132	0.271	
W8x48	1.00	0.041	0.083	0.126	0.258	
W14x60	1.07	0.038	0.078	0.118	0.241	
W10x68	1.14	0.036	0.073	0.110	0.226	
W16x69	1.21	0.034	0.069	0.104	0.213	
W16x77	1.28	0.032	0.065	0.098	0.201	
W16x100	1.36	0.030	0.061	0.093	0.189	
W10x68	1.45	0.028	0.057	0.087	0.178	
W14x132	1.54	0.026	0.054	0.082	0.167	
W12x131	1.64	0.025	0.051	0.077	0.157	
W14x159	1.77	0.023	0.047	0.071	0.146	
W14x176	1.95	0.021	0.043	0.065	0.132	
W14x133	2.12	0.021	0.039	0.059	0.122	
W14x211	2.30	0.021	0.036	0.055	0.112	
W14x233	2.52	0.021	0.033	0.050	0.102	
W14x257	2.75	0.021	0.030	0.046	0.094	
W14x263	3.00	0.021	0.028	0.042	0.086	
W14x300	4.91	0.021	0.028	0.042	0.086	
W14x730	6.68	0.021	0.028	0.042	0.086	

N/A = Not Available

An alternate to the above table, the required thickness of coating (inches) to be applied to all surfaces of wide flange steel columns may be determined from the equations listed below. The equations may only be used for the indicated hourly rating and for the corresponding listed ranges of thickness and W/D.

Hourly Rating	Thickness Equation, in.	Thickness Range, in.	W/D Ratio Range
1	$T = 0.049(W/D)$	0.021 to 0.093	0.4 to 3.00
1-1/2	$T = 0.083(W/D)$	0.028 to 0.126	0.66 to 3.00
2	$T = 0.125(W/D)$	0.042 to 0.191	0.66 to 3.00
3	$T = 0.257(W/D)$	0.086 to 0.307	0.64 to 3.00

Where T = thickness of coating in inches, W = weight of steel column in pounds per linear foot, and D = heated perimeter of steel column section in inches.

The following table lists the thicknesses in metric units.

Steel Size	M/D	1 Hr Min Thickness, mm	1-1/2 Hr Min Thickness, mm	2 Hr Min Thickness, mm	3 Hr Min Thickness, mm	
W8x12	25.9	2.35	N/A	N/A	N/A	
W8x15	28.1	2.17	N/A	N/A	N/A	
W10x22	30.4	2.00	N/A	N/A	N/A	
W4x13	32.4	1.88	N/A	N/A	N/A	
W8x24	34.6	1.76	N/A	N/A	N/A	
W14x34	37.1	1.64	N/A	N/A	N/A	
W8x31	38.7	1.57	3.20	4.83	N/A	
W10x30	41.0	1.49	3.02	4.56	N/A	
W8x35	43.6	1.40	2.84	4.29	N/A	
W10x39	45.4	1.34	2.73	4.12	N/A	
W10x49	49.1	1.24	2.52	3.81	7.79	
W10x45	51.9	1.17	2.39	3.60	7.37	
W16x57	55.9	1.09	2.22	3.34	6.84	
W8x48	58.6	1.04	2.11	3.19	6.53	
W10x68	66.9	0.91	1.87	2.79	5.72	
W16x77	71.0	0.86	1.75	2.63	5.39	
W16x100	79.4	0.77	1.56	2.35	4.82	
W10x68	84.9	0.72	1.46	2.20	4.51	
W14x132	90.0	0.68	1.38	2.08	4.25	
W12x131	96.2	0.63	1.29	1.94	3.98	
W14x159	103.9	0.59	1.19	1.80	3.68	
W14x176	114.4	0.53	1.08	1.63	3.34	
W14x193	124.4	0.53	1.00	1.50	3.07	
W14x211	135.0	0.53	0.92	1.38	2.83	
W14x233	147.9	0.53	0.84	1.26	2.59	
W14x257	161.4	0.53	0.77	1.16	2.37	
W14x280	169.0	0.53	0.70	1.06	2.17	
W14x370	381.0	0.53	0.70	1.06	2.17	

N/A = Not Available

An alternate to the above table, the required thickness of coating (in millimeters) to be applied to all surfaces of wide flange steel columns may be determined from the equations listed below. The equations may only be used for the indicated hourly rating and for the corresponding listed ranges of thickness and M/D.

Hourly Rating	Thickness Equation, mm	Thickness Range, mm	M/D Range
1	$T = 69.0(M/D)$	0.53 to 2.35	25.9 to 176.0
1-1/2	$T = 123.9(M/D)$	0.71 to 3.20	38.7 to 176.0
2	$T = 166.9(M/D)$	1.07 to 4.83	38.7 to 176.0

FIRE-RESISTANCE DESIGN

Assembly Usage Disclaimer

BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States
BXUV - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada
See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States Design Criteria and Allowable Variances
See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada Design Criteria and Allowable Variances

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

Last updated on 2016-09-22

FIRE-RESISTANCE DESIGN

Assembly Usage Disclaimer

BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States
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See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States Design Criteria and Allowable Variances
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Last updated on 2016-09-22

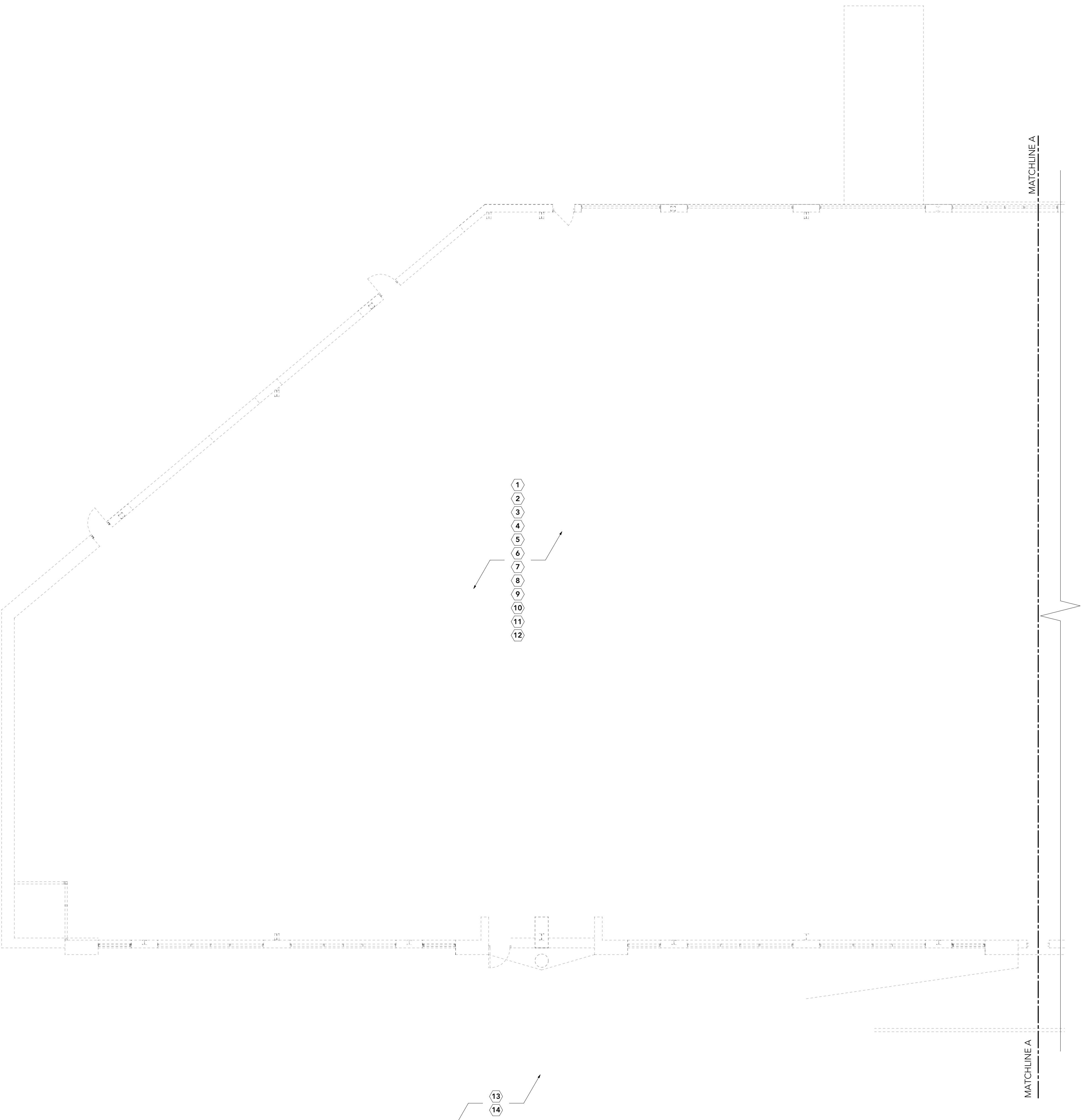
FIRE-RESISTANCE DESIGN

Assembly Usage Disclaimer

BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States
BXUV - Fire Resistance Ratings - CAN/UL

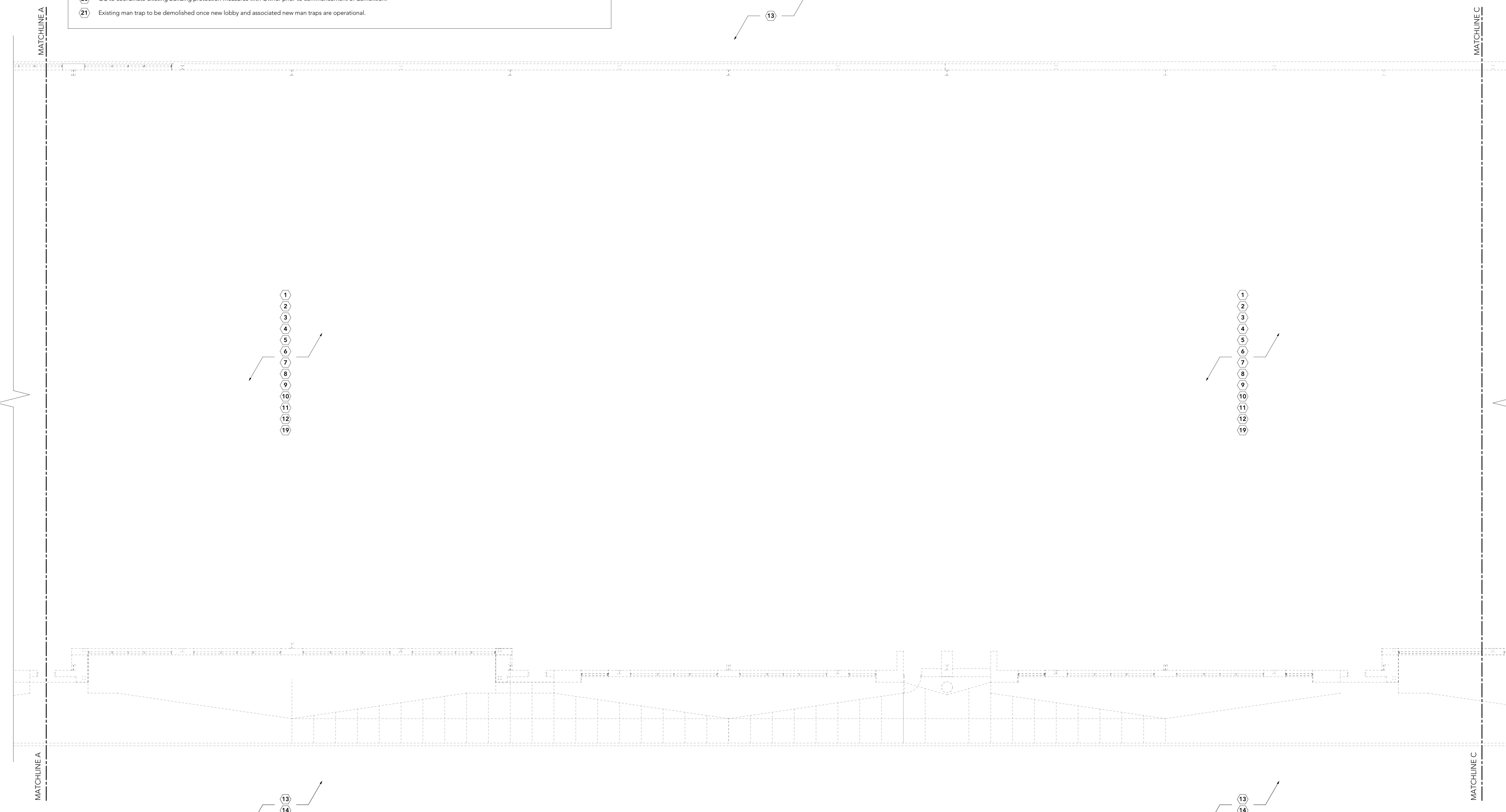
Keyed Notes - Demolition Plan

- ① Remove existing interior walls.
- ② Remove existing doors. GC to confirm with Owner if doors are to be salvaged.
- ③ Remove existing windows & mullions. GC to confirm with Owner if windows to be salvaged.
- ④ Remove existing interior lighting fixtures. GC to confirm with Owner if fixtures to be salvaged.
- ⑤ Remove all existing outlets, receptacles, J boxes, circuitry, conduits & panels. GC to refer back to electric demo plans.
- ⑥ Remove all existing millwork where applicable.
- ⑦ Remove all existing exterior walls.
- ⑧ Remove all existing overhead doors where applicable.
- ⑨ Remove & demo existing roofing, parapets & joists. GC to refer to structural plans for proposed connections between existing to remain and new structure.
- ⑩ Remove existing floor finishes and base boards where applicable.
- ⑪ Remove & demo existing concrete slabs. GC to refer to structural plans for proposed connections between existing to remain and new structure.
- ⑫ Remove & demo existing structural columns down to foundations. GC to refer to structural plans for proposed connections between existing to remain and new structure.
- ⑬ Remove all existing exterior wall mounted light fixtures. GC to confirm with Owner if fixtures to be salvaged.
- ⑭ Remove existing exterior canopy.
- ⑮ Remove & demo existing stair and associated landing and guard rails.
- ⑯ GC to refer to MEP drawings for extent of chiller equipment removal.
- ⑰ Existing columns, beams and stud wall above to remain. CMU infill between columns to be removed. See MEP drawings for extent of wall mounted conduit and junction boxes to remain.
- ⑱ Refer to MEP demo drawings for phasing of existing chiller removal.
- ⑲ Existing telecom vault fiber recessed in areas of floor slab removal to be rerouted per fiber relocation plan to existing vault room to remain.
- ⑳ GC to coordinate existing building protection measures with Owner prior to commencement of demolition.
- ㉑ Existing man trap to be demolished once new lobby and associated new man traps are operational.



Keyed Notes - Demolition Plan

- ① Remove existing interior walls.
- ② Remove existing doors. GC to confirm with Owner if doors are to be salvaged.
- ③ Remove existing windows & mullions. GC to confirm with Owner if windows to be salvaged.
- ④ Remove existing interior lighting fixtures. GC to confirm with Owner if fixtures to be salvaged.
- ⑤ Remove all existing outlets, receptacles, J boxes, circuitry, conduits & panels. GC to refer back to electric demo plans.
- ⑥ Remove all existing millwork where applicable.
- ⑦ Remove all existing exterior walls.
- ⑧ Remove all existing overhead doors where applicable.
- ⑨ Remove & demo existing roofing, parapets & joists. GC to refer to structural plans for proposed connections between existing to remain and new structure.
- ⑩ Remove existing floor finishes and base boards where applicable.
- ⑪ Remove & demo existing concrete slabs. GC to refer to structural plans for proposed connections between existing to remain and new structure.
- ⑫ Remove & demo existing structural columns down to foundations. GC to refer to structural plans for proposed connections between existing to remain and new structure.
- ⑬ Remove all existing exterior wall mounted light fixtures. GC to confirm with Owner if fixtures to be salvaged.
- ⑭ Remove existing exterior canopy.
- ⑮ Remove & demo existing stair and associated landing and guard rails.
- ⑯ GC to refer to MEP drawings for extent of chiller equipment removal.
- ⑰ Existing columns, beams and stud wall above to remain. CMU infill between columns to be removed. See MEP drawings for extent of wall mounted conduit and junction boxes to remain.
- ⑱ Refer to MEP demo drawings for phasing of existing chiller removal.
- ⑲ Existing telecom vault fiber recessed in areas of floor slab removal to be rerouted per fiber relocation plan to existing vault room to remain.
- ⑳ GC to coordinate existing building protection measures with Owner prior to commencement of demolition.
- ㉑ Existing man trap to be demolished once new lobby and associated new man traps are operational.



Keyed Notes - Demolition Plan

- ① Remove existing interior walls.
- ② Remove existing doors. GC to confirm with Owner if doors are to be salvaged.
- ③ Remove existing windows & mullions. GC to confirm with Owner if windows to be salvaged.
- ④ Remove existing interior lighting fixtures. GC to confirm with Owner if fixtures to be salvaged.
- ⑤ Remove all existing outlets, receptacles, J boxes, circuitry, conduits & panels. GC to refer back to electric demo plans.
- ⑥ Remove all existing millwork where applicable.
- ⑦ Remove all existing exterior walls.
- ⑧ Remove all existing overhead doors where applicable.
- ⑨ Remove & demo existing roofing, parapets & joists. GC to refer to structural plans for proposed connections between existing to remain and new structure.
- ⑩ Remove existing floor finishes and base boards where applicable.
- ⑪ Remove & demo existing concrete slabs. GC to refer to structural plans for proposed connections between existing to remain and new structure.
- ⑫ Remove & demo existing structural columns down to foundations. GC to refer to structural plans for proposed connections between existing to remain and new structure.
- ⑬ Remove all existing exterior wall mounted light fixtures. GC to confirm with Owner if fixtures to be salvaged.
- ⑭ Remove existing exterior canopy.
- ⑮ Remove & demo existing stair and associated landing and guard rails.
- ⑯ GC to refer to MEP drawings for extent of chiller equipment removal.
- ⑰ Existing columns, beams and stud wall above to remain. CMU infill between columns to be removed. See MEP drawings for extent of wall mounted conduit and junction boxes to remain.
- ⑱ Refer to MEP demo drawings for phasing of existing chiller removal.
- ⑲ Existing telecom vault fiber recessed in areas of floor slab removal to be rerouted per fiber relocation plan to existing vault room to remain.
- ⑳ GC to coordinate existing building protection measures with Owner prior to commencement of demolition.
- ㉑ Existing man trap to be demolished once new lobby and associated new man traps are operational.

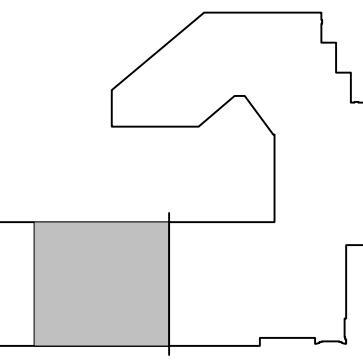
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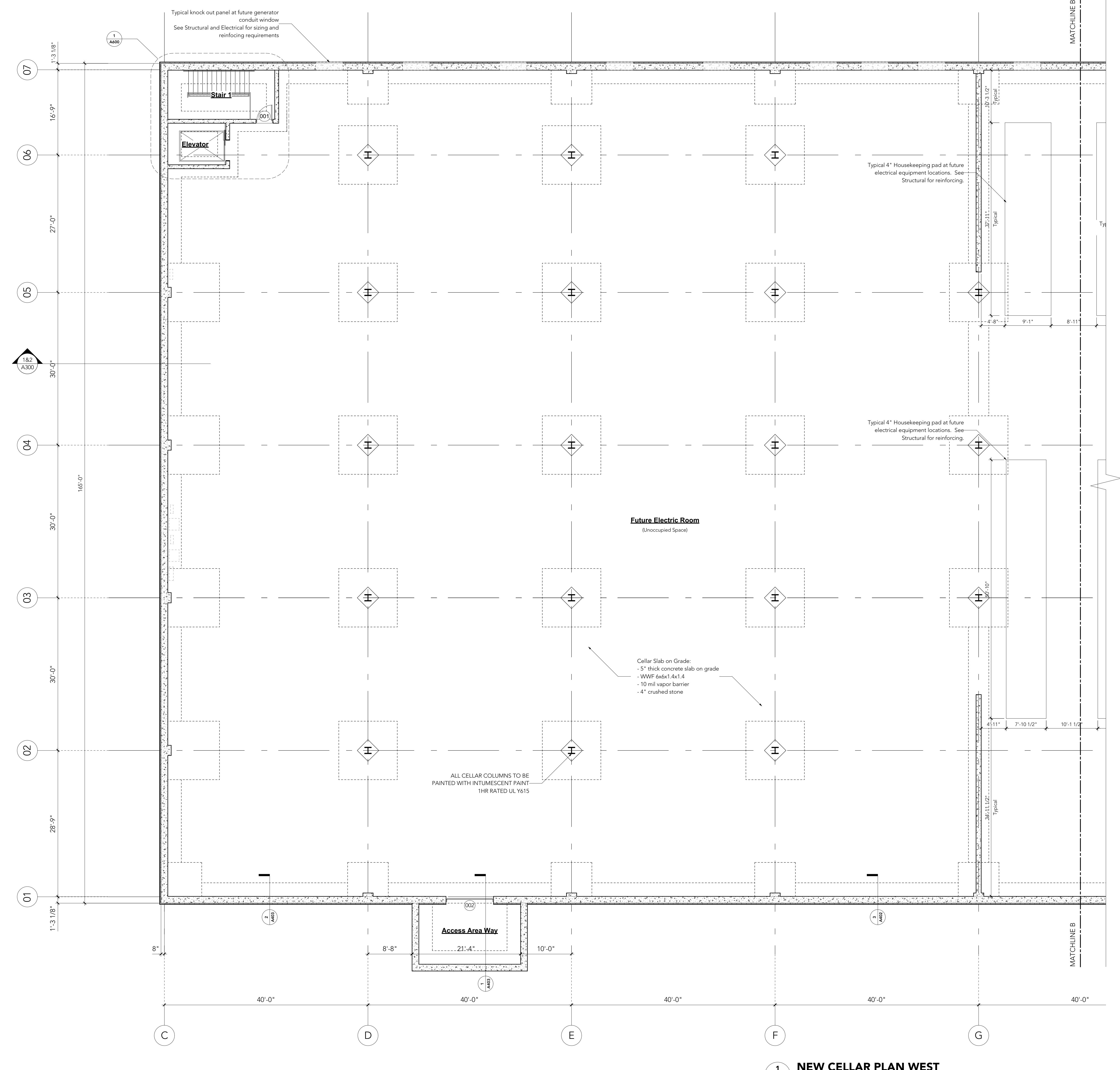
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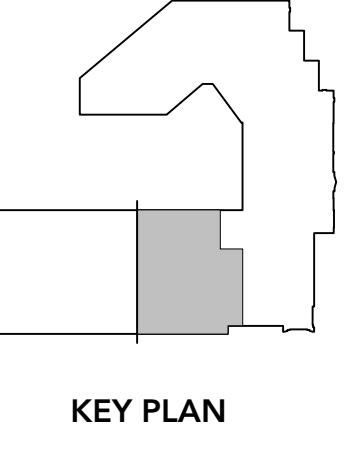
New Cellar Floor Plan West

Permit Set 02-12-2019
Bid Set 02-22-2019

Project Number: 180102

A100A





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22995 Wilder Court
Sterling, VA 20166

New Cellar Floor Plan East

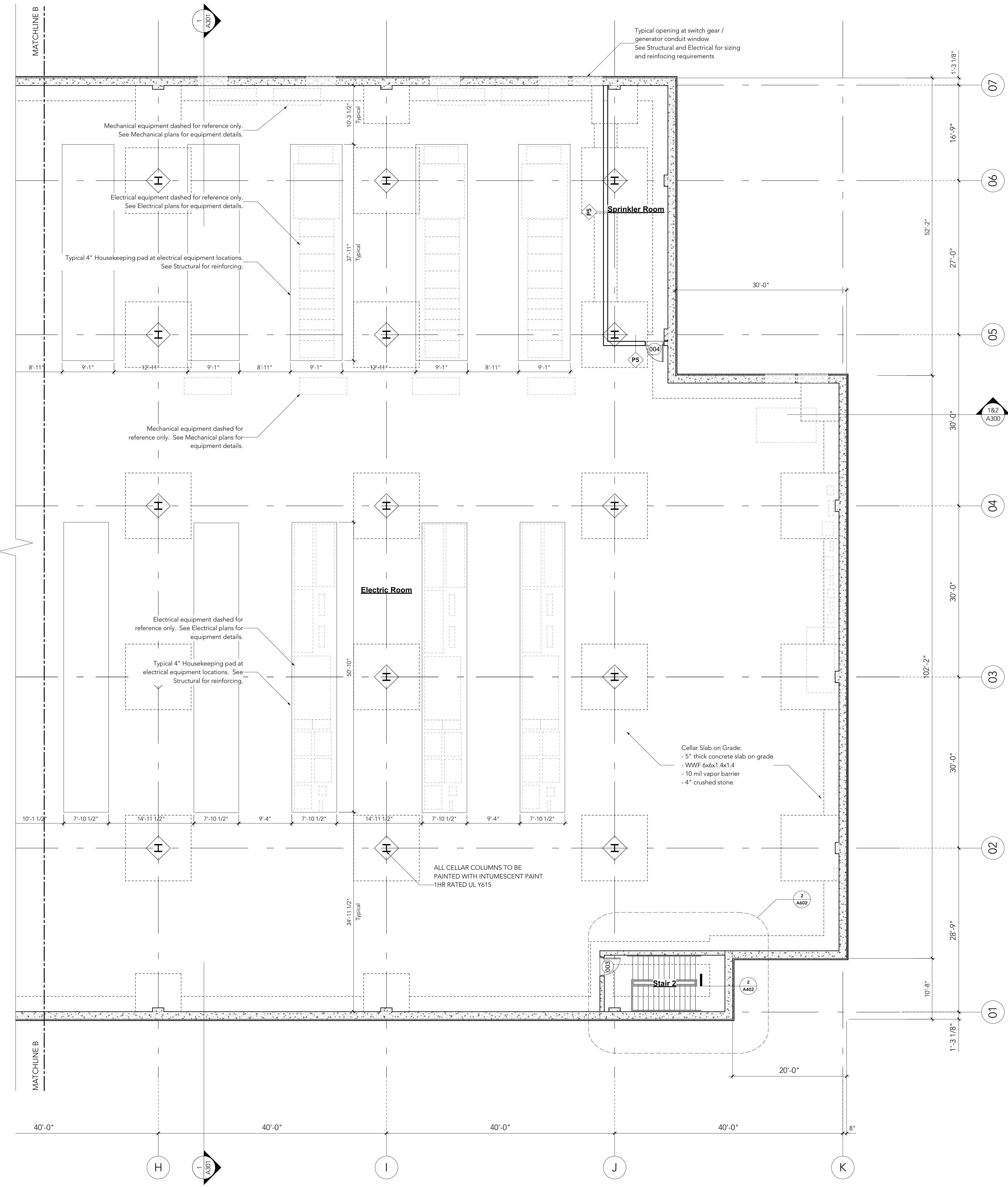
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Bid Set 02-22-2019

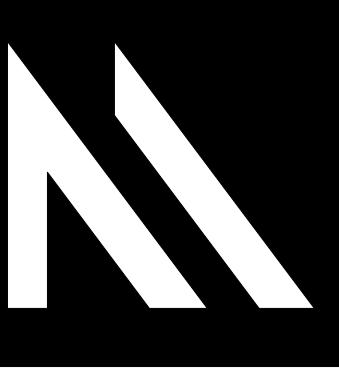
Project Number: 180102

A100B

1 NEW CELLAR PLAN EAST

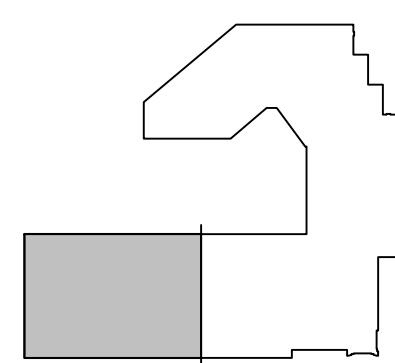
A100B Scale: 1/8" = 1'-0"





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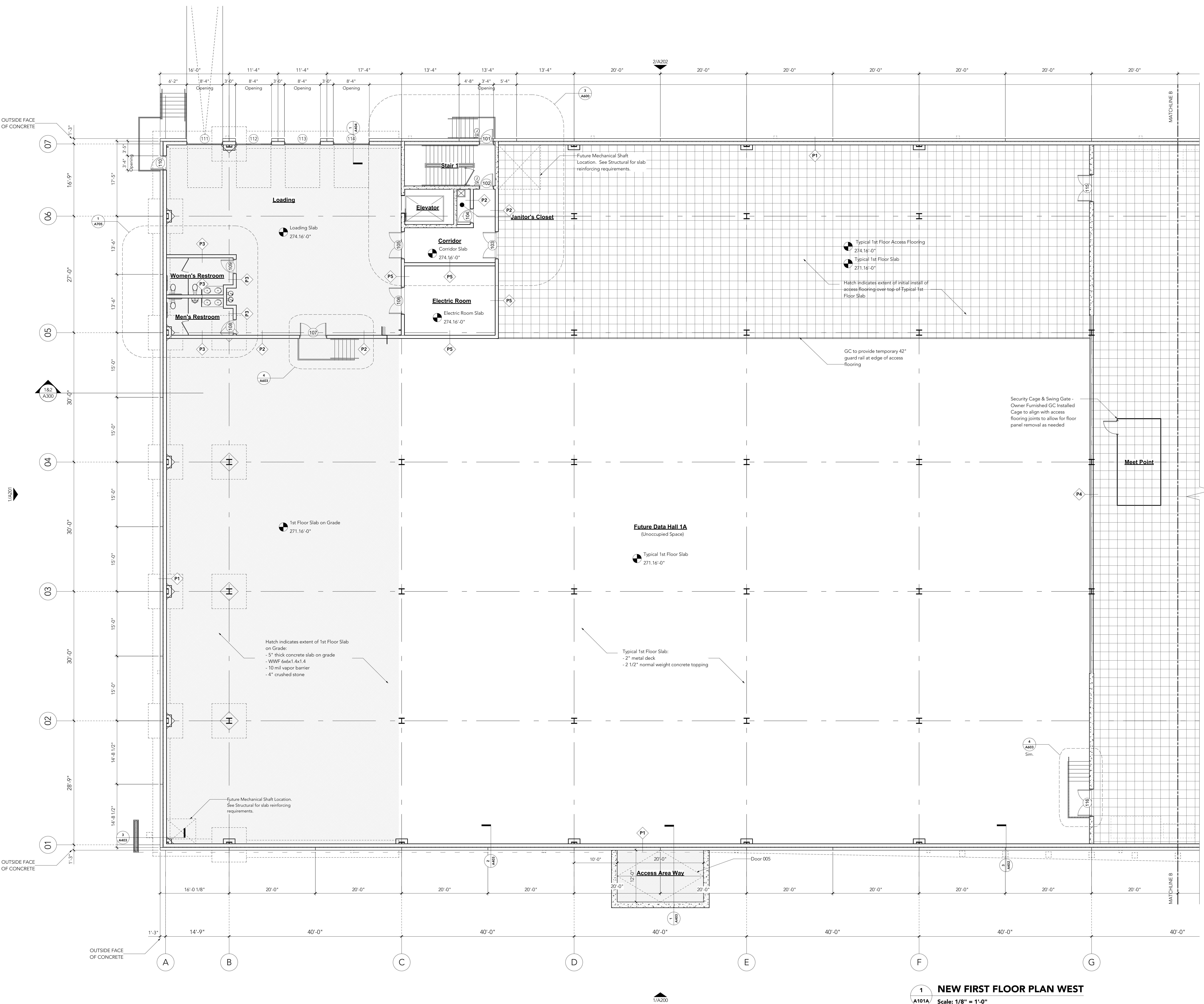
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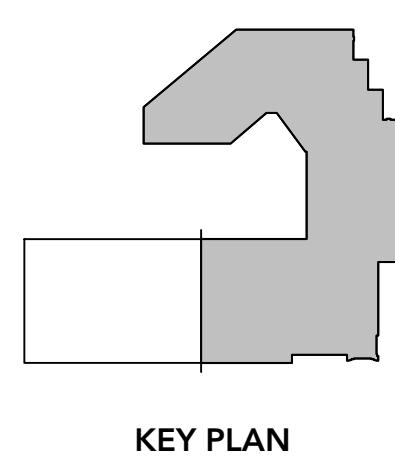
Cyxtera - D

New First Floor Plan West

Permit Set 02-12-2019
Bid Set 02-22-2019

Project Number: 180102





Cyxtera - DC7

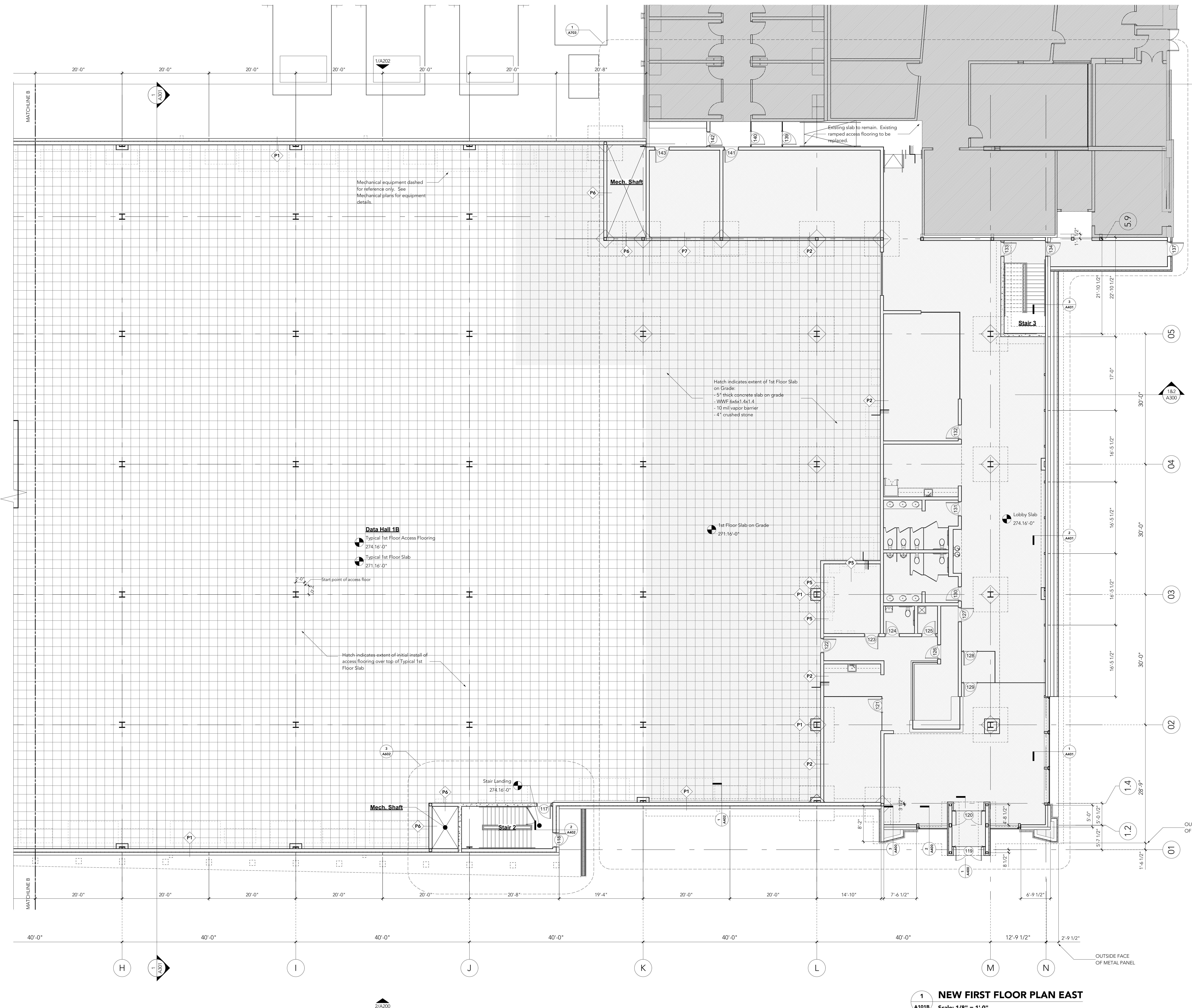
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Sterling, VA 20166

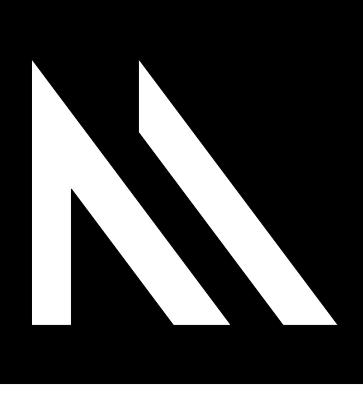
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Permit Set 02-12-2019
Bid Set 02-22-2019

Project Number: 180102

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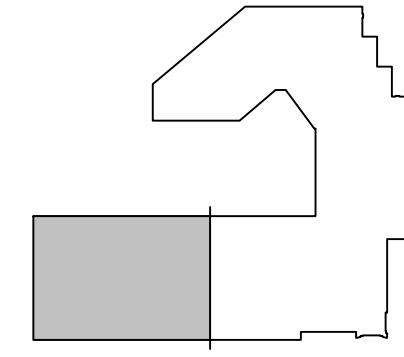




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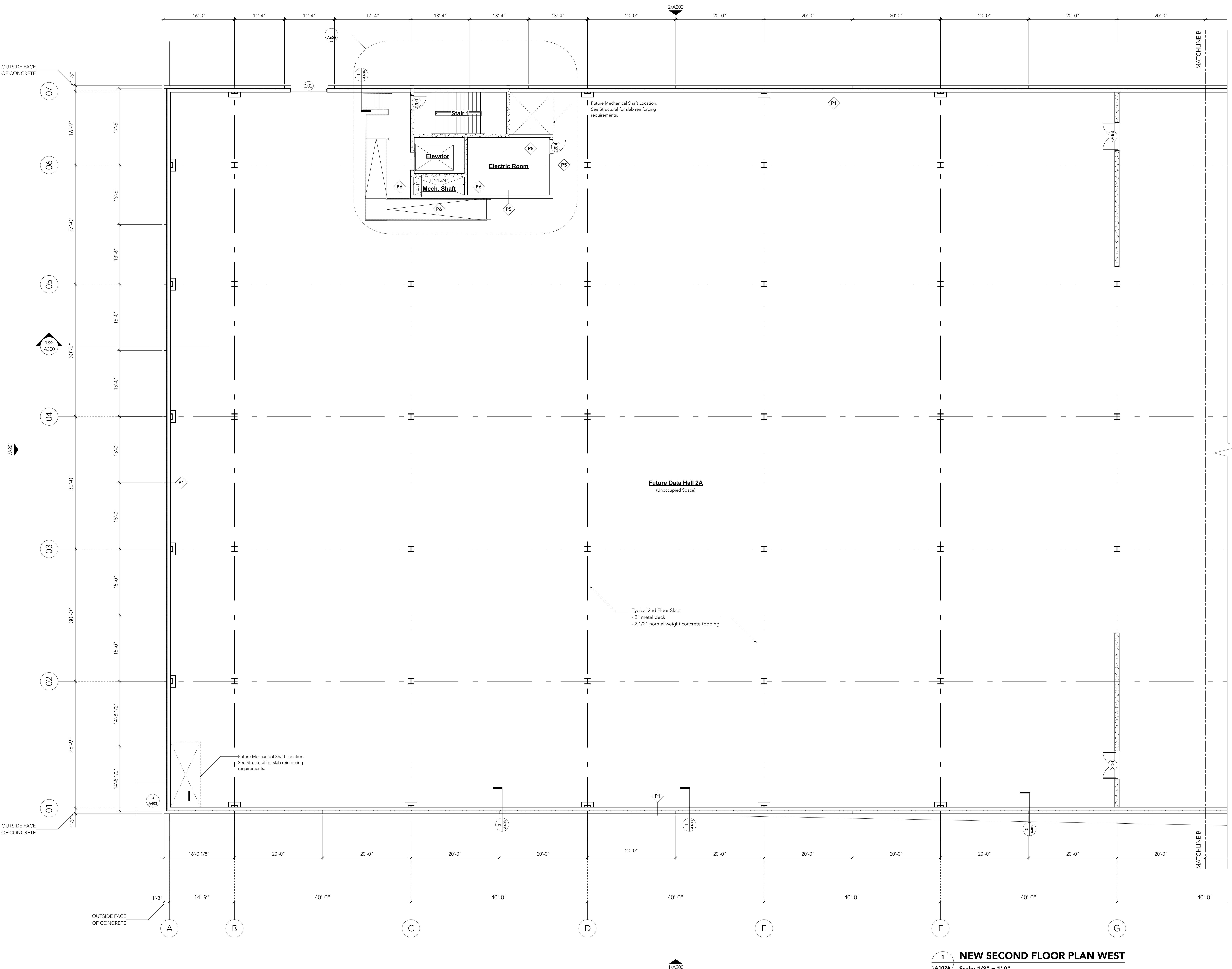
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New Second Floor Plan West

Permit Set 02-12-2019
Bid Set 02-22-2019

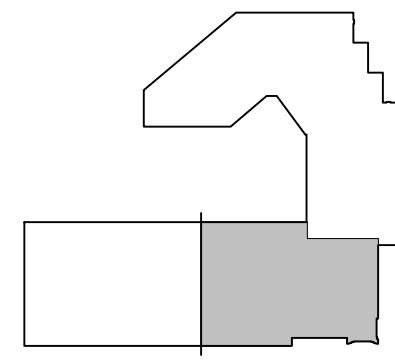
Project Number: 180102





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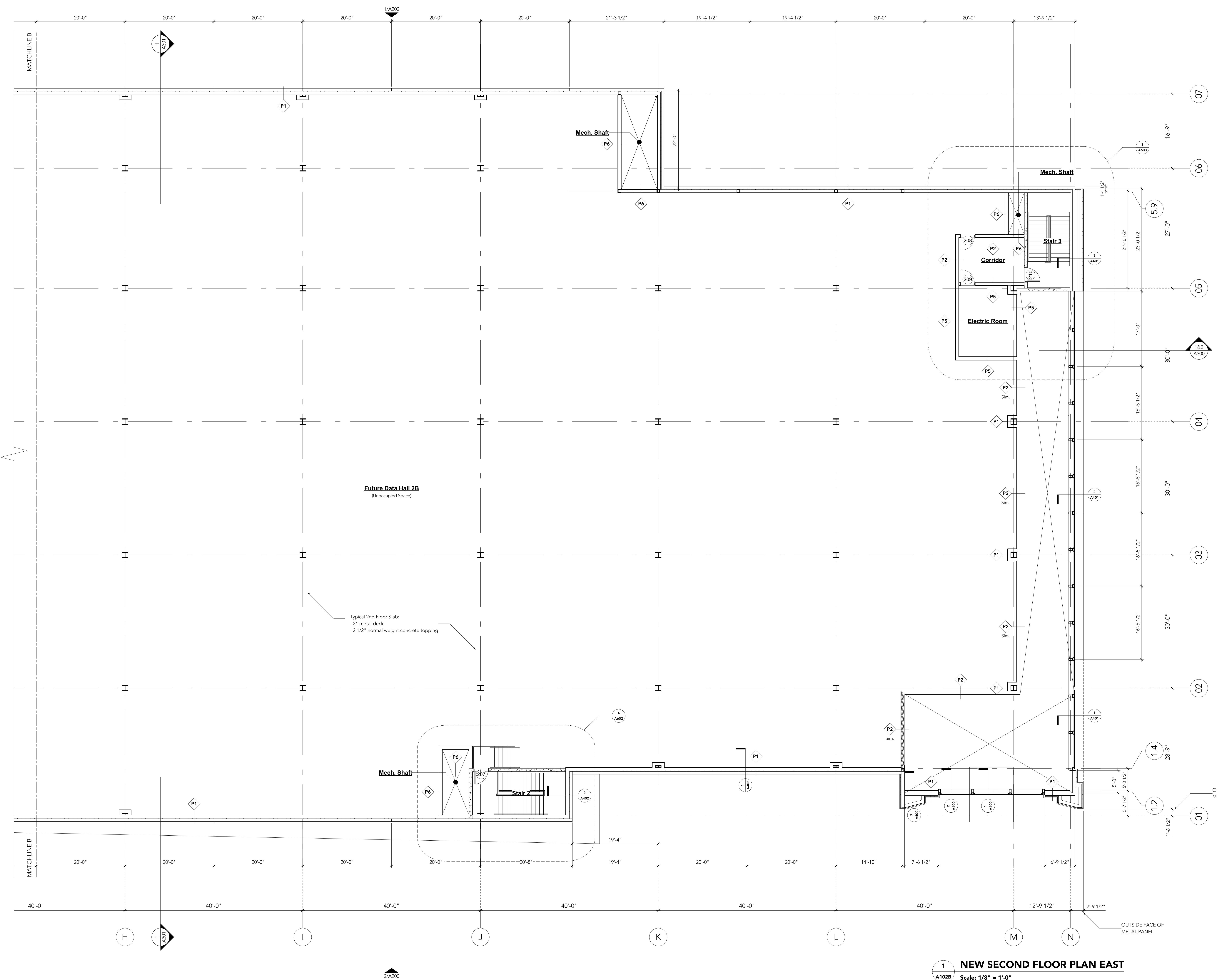
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New Second Floor Plan East

Permit Set 02-12-2019
Bid Set 02-22-2019

Project Number: 180102

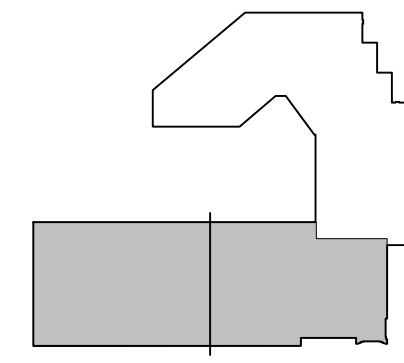




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Cyxtera - D

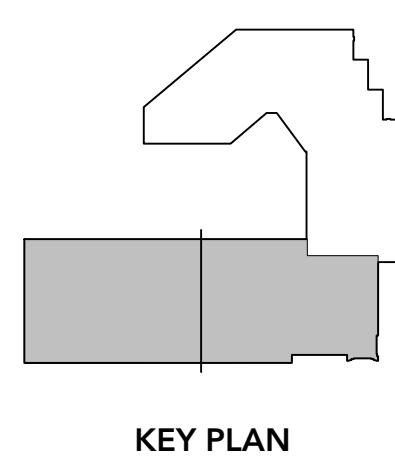
New Roof Plan West

Permit Set 02-12-2019
Bid Set 02-22-2019

Project Number: 180102

A103A





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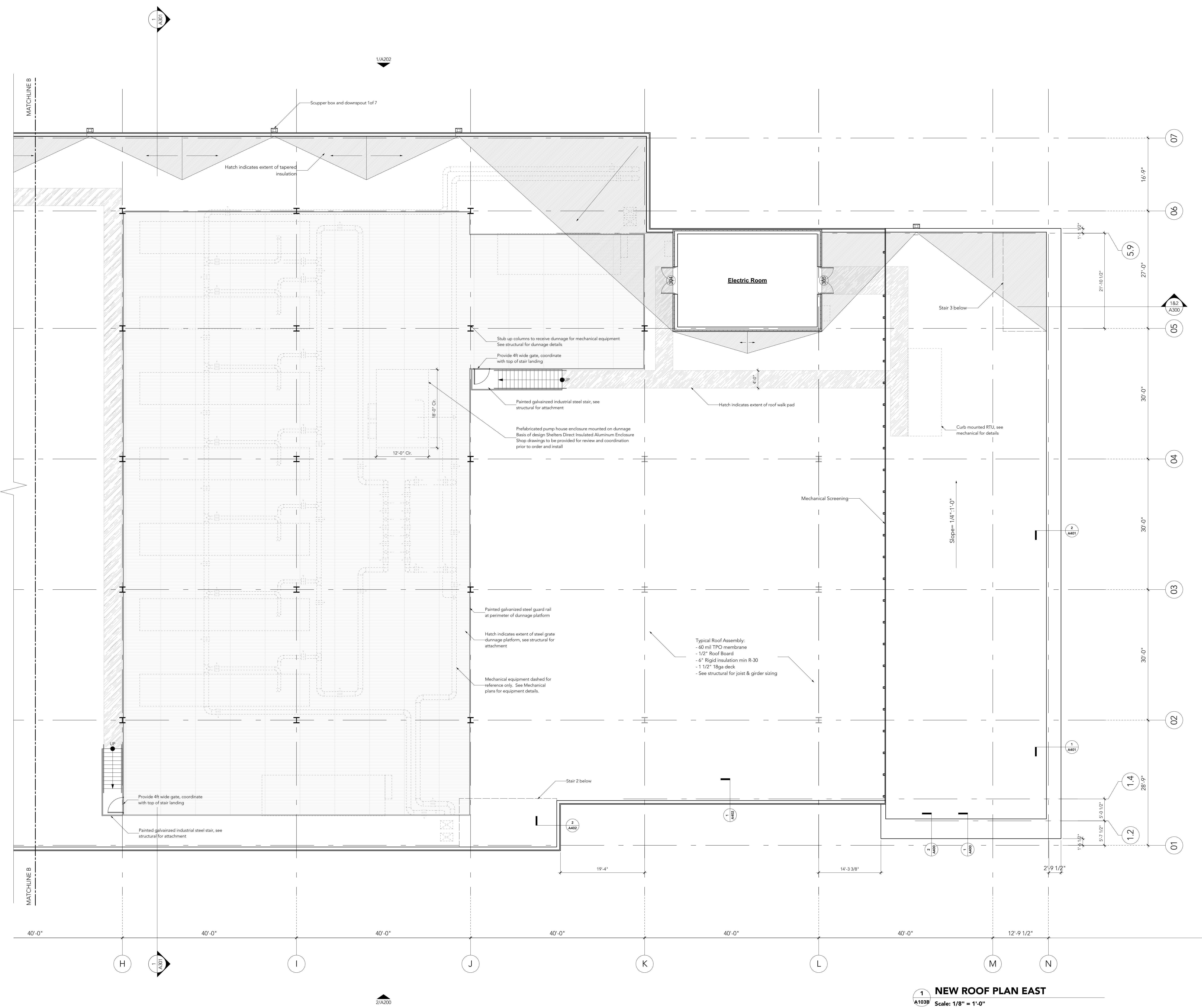
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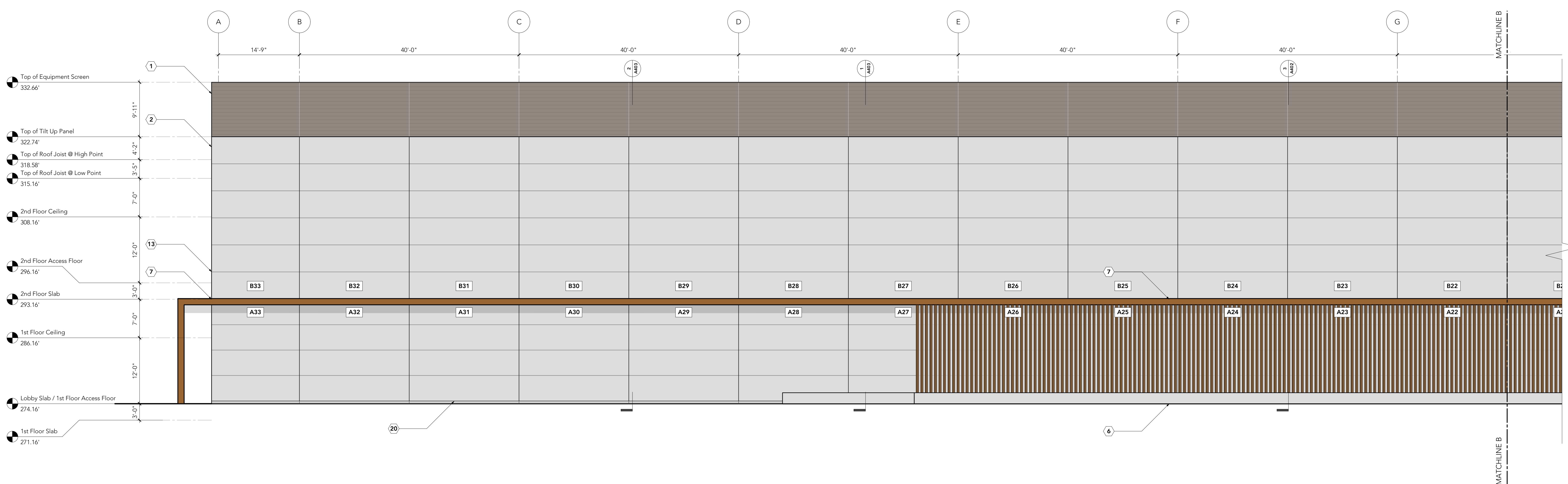
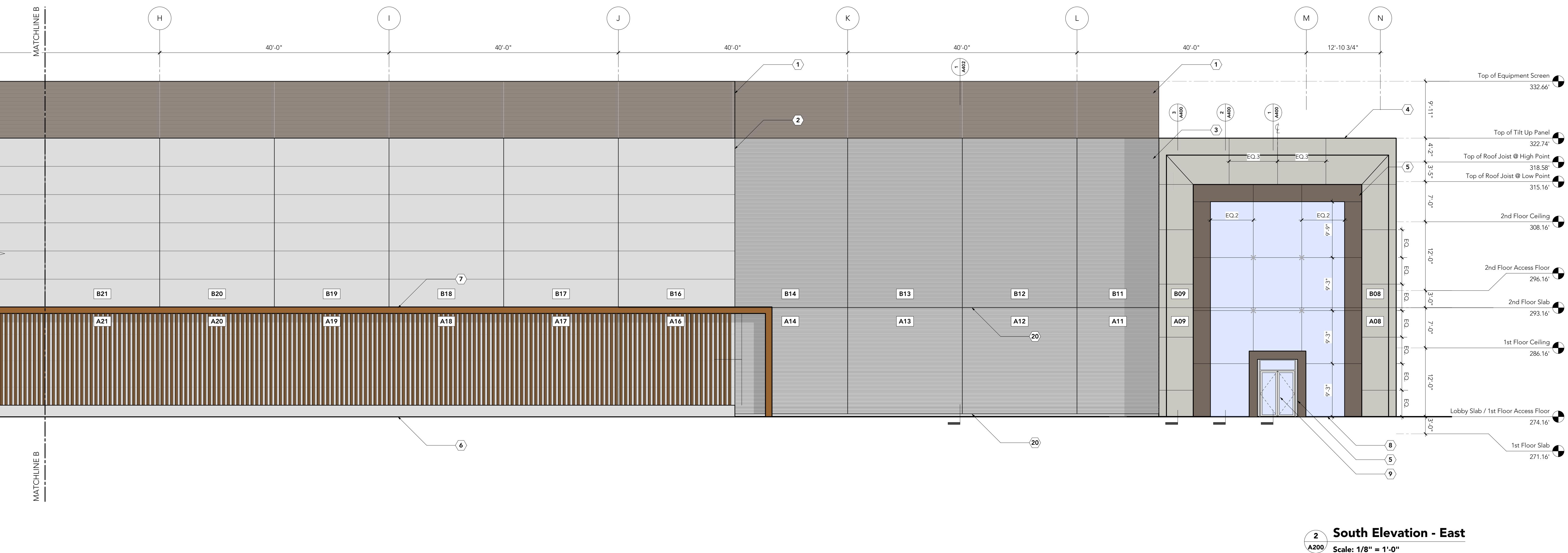
New Roof Plan East

Permit Set 02-12-2019
Bid Set 02-22-2019

Project Number: 180102

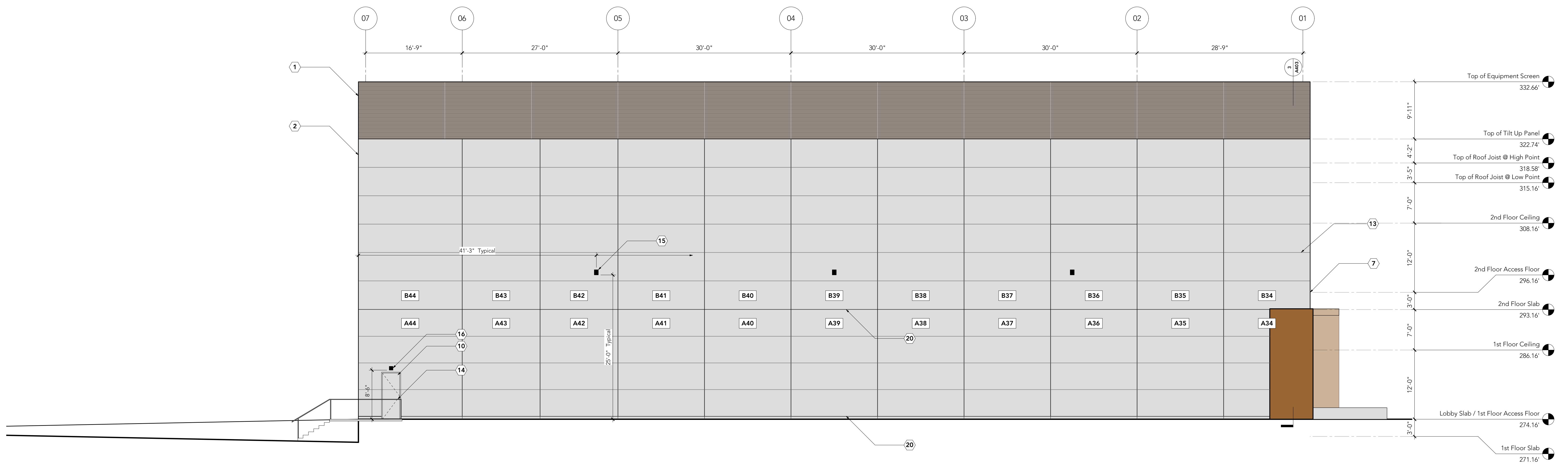
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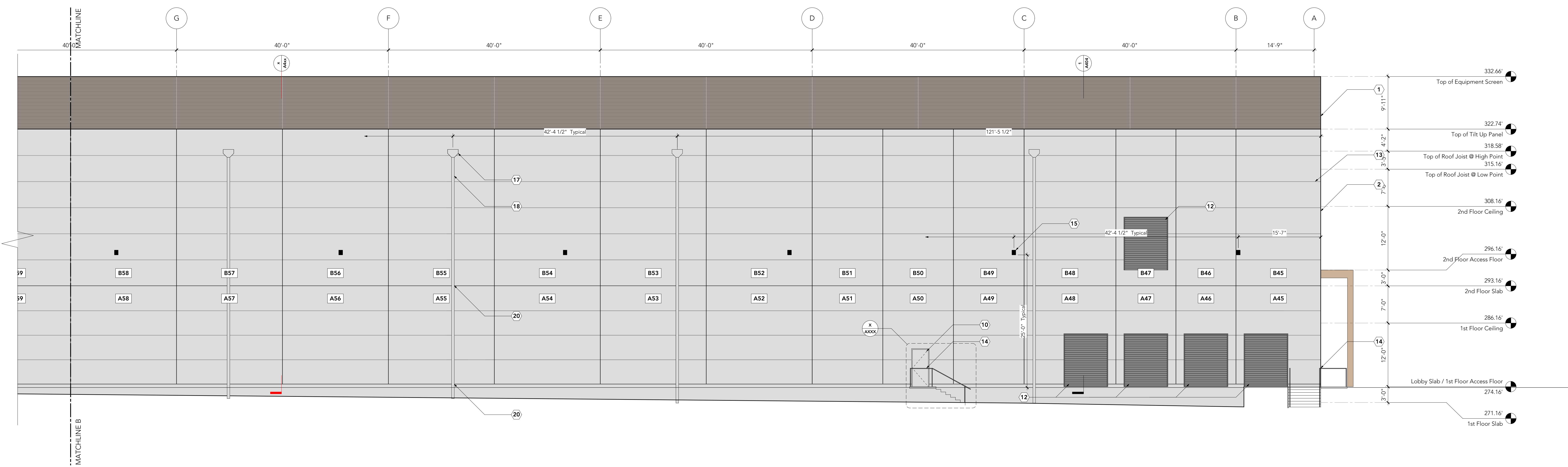




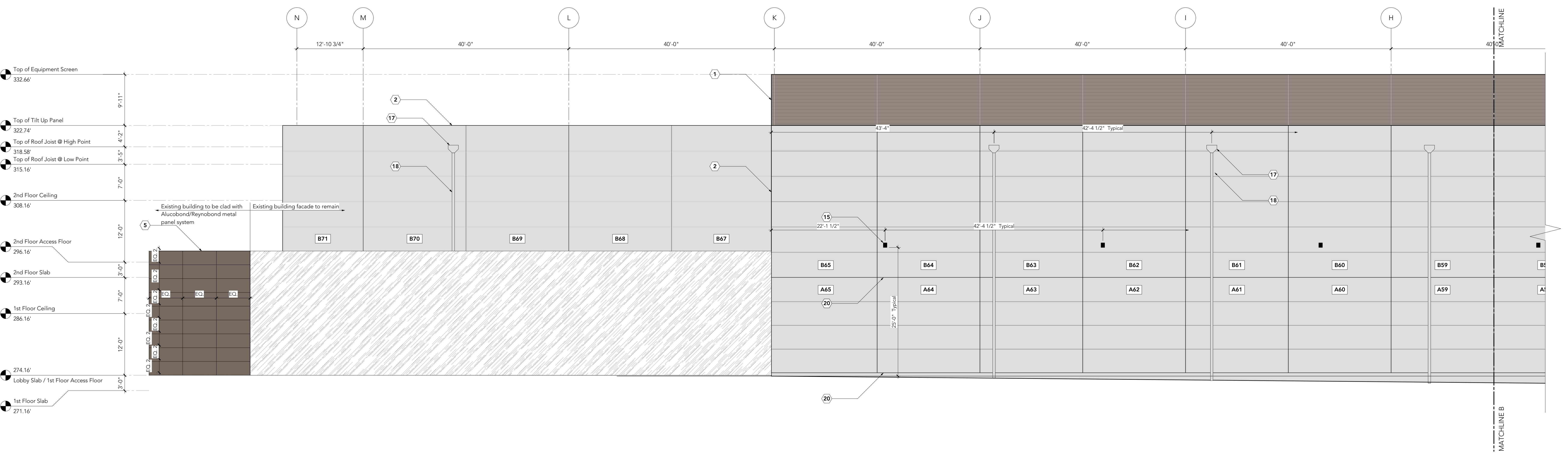
Keyed Notes - Exterior Elevations

- ① Corrugated metal roof top mechanical screening system, finish XW4. See sheet A009 for additional finish information and sheet A500 for attachment details.
- ② Typical tilt up concrete panel, finish XP1. See structural drawings for panel sizing & joint locations. See sheet A009 for additional finish information.
- ③ Form liner tilt up concrete panel, finish XP2. See structural drawings for panel sizing & joint locations. See sheet A009 for additional finish information.
- ④ ACM panel, finish XW1. See sheet A009 for additional finish information. Rout & return all corners. Locate panel joints as dimensioned. See sheet A500 for attachment details and substrate requirements.
- ⑤ ACM panel, finish XW2. See sheet A009 for additional finish information. Rout & return all corners. Locate panel joints as dimensioned. See sheet A500 for attachment details and substrate requirements.
- ⑥ Glass curtain wall system, finish XW6. See sheet A009 for additional finish information.
- ⑦ Fortina, Aluminum profile finish XM1. See sheet A009 for additional finish information. See sheet A500 for attachment details.
- ⑧ ACM panel, finish XW3. See sheet A009 for additional finish information. Rout & return all corners. Locate panel joints as dimensioned. See sheet A500 for attachment details and substrate requirements.
- ⑨ Glass entry door. See sheet A007 for hardware information and elevations.
- ⑩ Egress door & frame, finish XPS. See sheet A007 for hardware information and elevations. See sheet A009 for additional finish information.
- ⑪ Egress door & frame, finish XP4. See sheet A007 for hardware information and elevations. See sheet A009 for additional finish information.
- ⑫ Typical prefabricated loading dock cooling door. See sheet A007 for hardware information and elevations.
- ⑬ 3/4" Reveal in tilt up panel, see details on A500.
- ⑭ Steel handrail / guardrail, finish XPS. See sheet A009 for additional finish information.
- ⑮ Typical wall pack light, fixture T. Mount as dimensioned. See fixture schedule on sheet A704 for additional information.
- ⑯ Egress light, fixture U. Center over indicated door at height indicated. See fixture schedule on sheet A704 for additional information.
- ⑰ Pre-finished aluminum scupper box. See plumbing for additional information.
- ⑱ Pre-finished aluminum downspout. Down spouts to be underground, connecting to storm system as indicated in the civil drawings. See plumbing for downspout sizing & additional finish information.
- ⑲ Pre-finished aluminum overflow scupper. See plumbing for additional information.
- ⑳ 3/4" Grout joint at bottom of tilt up panel, see structural for panel attachment details





North Elevation - West
A202
Scale: 1/8" = 1'-0"



North Elevation - East
A202
Scale: 1/8" = 1'-0"

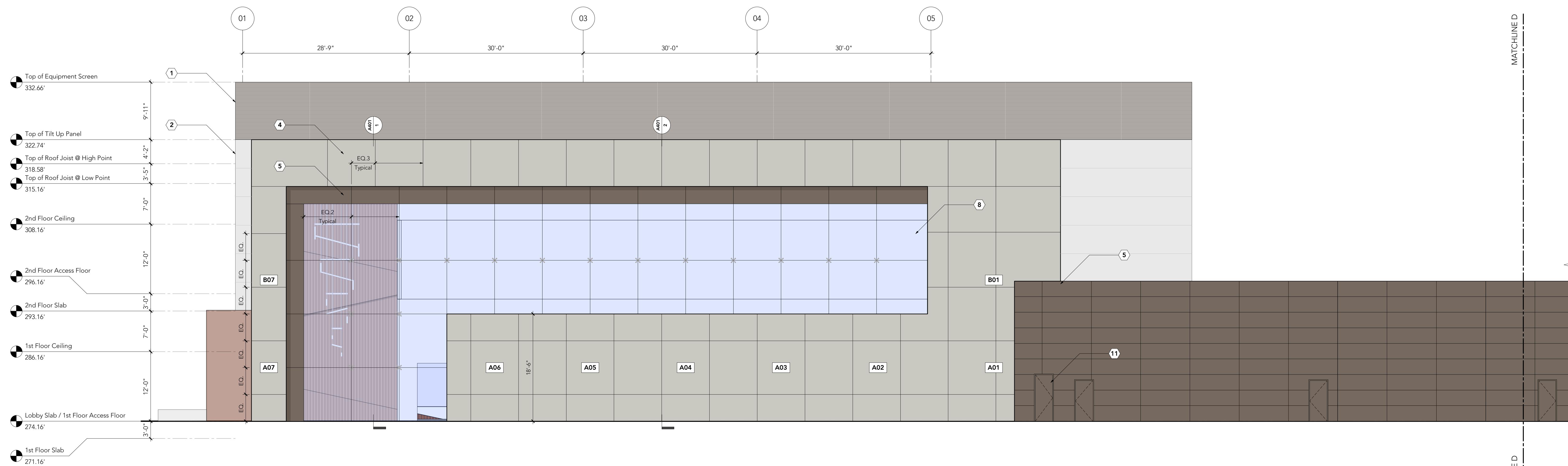
Keyed Notes - Exterior Elevations

- ① Corrugated metal roof top mechanical screening system, finish XW4. See sheet A009 for additional finish information and sheet A500 for attachment details.
- ② ACM panel, finish XM1. See sheet A009 for additional finish information. Rout & return all corners. Locate panel joints as dimensioned. See sheet A500 for attachment details and substrate requirements.
- ③ Typical tilt up concrete panel, finish XP1. See structural drawings for panel sizing & joint locations. See sheet A009 for additional finish information.
- ④ ACM panel, finish XM2. See sheet A009 for additional finish information. Rout & return all corners. Locate panel joints as dimensioned. See sheet A500 for attachment details and substrate requirements.
- ⑤ Form liner tilt up concrete panel, finish XP2. See structural drawings for panel sizing & joint locations. See sheet A009 for additional finish information.
- ⑥ Glass curtain wall system, finish XW6. See sheet A009 for additional finish information.
- ⑦ Fortina, Aluminum profile finish XM1. See sheet A009 for additional finish information. See sheet A500 for attachment details.
- ⑧ ACM panel, finish XW3. See sheet A009 for additional finish information. Rout & return all corners. Locate panel joints as dimensioned. See sheet A500 for attachment details and substrate requirements.
- ⑨ Glass entry door. See sheet A007 for hardware information and elevation.
- ⑩ Egress door & frame, finish XPS. See sheet A007 for hardware information and elevations. See sheet A009 for additional finish information.
- ⑪ Egress door & frame, finish XP4. See sheet A007 for hardware information and elevations. See sheet A009 for additional finish information.
- ⑫ Typical prefinished loading dock cooling door. See sheet A007 for hardware information and elevations.
- ⑬ Not Used
- ⑭ Steel handrail / guardrail, finish XPS. See sheet A009 for additional finish information.
- ⑮ Typical wall pack light, fixture T. Mount as dimensioned. See fixture schedule on sheet A704 for additional information.
- ⑯ Egress light, fixture U. Center over indicated door at height indicated. See fixture schedule on sheet A704 for additional information.
- ⑰ Pre-finished aluminum scupper box. See plumbing for additional information.
- ⑱ Pre-finished aluminum downspout. Down spouts to be underground, connecting to storm system as indicated in the civil drawings. See plumbing for downspout sizing & additional finish information.
- ⑲ Pre-finished aluminum overflow scupper. See plumbing for additional information.
- ⑳ 3/4" Grout joint at bottom of tilt up panel, see structural for panel attachment details

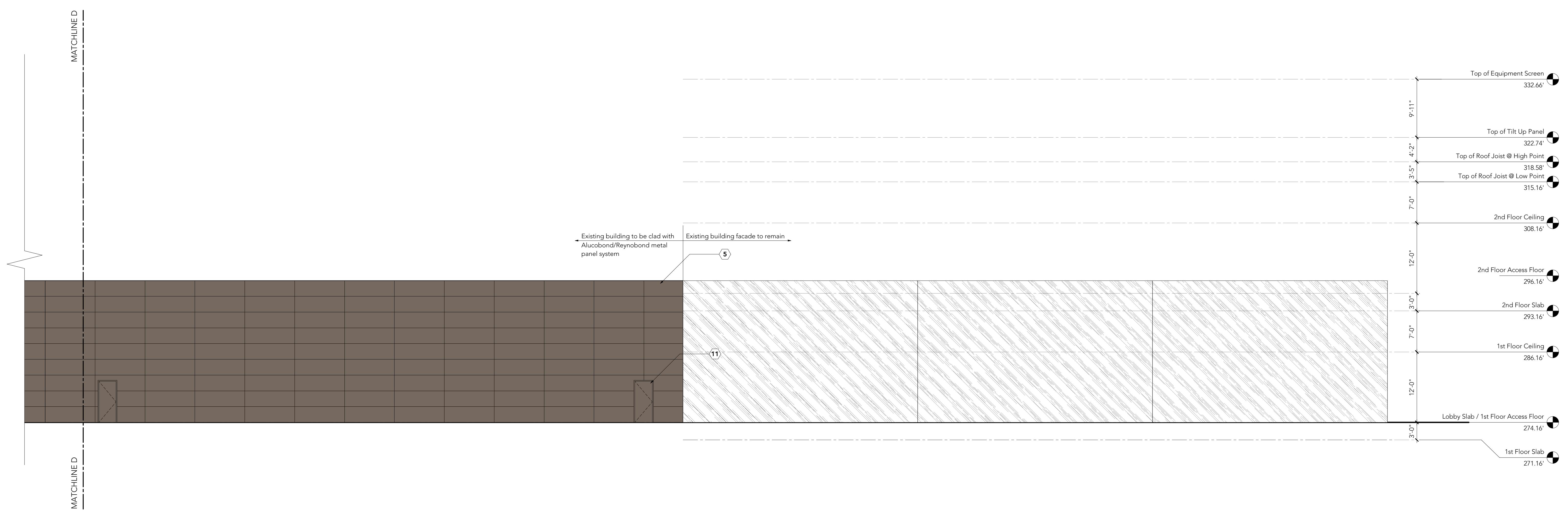


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East Elevation - South



East Elevation - North

Keyed Notes - Exterior Elevations

- 1** Corrugated metal roof top mechanical screening system, finish XW4. See sheet A009 for additional finish information and sheet [A500](#) for attachment details.

2 Typical tilt up concrete panel, finish XP1. See structural drawings for panel sizing & joint locations. See sheet A009 for additional finish information.

3 Form liner tilt up concrete panel, finish XP2. See structural drawings for panel sizing & joint locations. See sheet A009 for additional finish information.

4 ACM panel, finish XW1. See sheet A009 for additional finish information. Rout & return all corners. Locate panel joints as dimensioned. See sheet [A500](#) for attachment details and substrate requirements.

5 ACM panel, finish XW2. See sheet A009 for additional finish information. Rout & return all corners. Locate panel joints as dimensioned. See sheet [A500](#) for attachment details and substrate requirements.

6 Fortina, Aluminum profile finish XM1. See sheet A009 for additional finish information. See sheet [A500](#) for attachment details.

7 Glass entry door. See sheet A007 for hardware information and elevation.

8 Not Used

9 Pre-finished aluminum scupper box. See plumbing for additional information.

10 Egress door & frame, finish XP3. See sheet A007 for hardware information and elevations. See sheet A009 for additional finish information.

11 Steel handrail / guardrail, finish XP5. See sheet A009 for additional finish information.

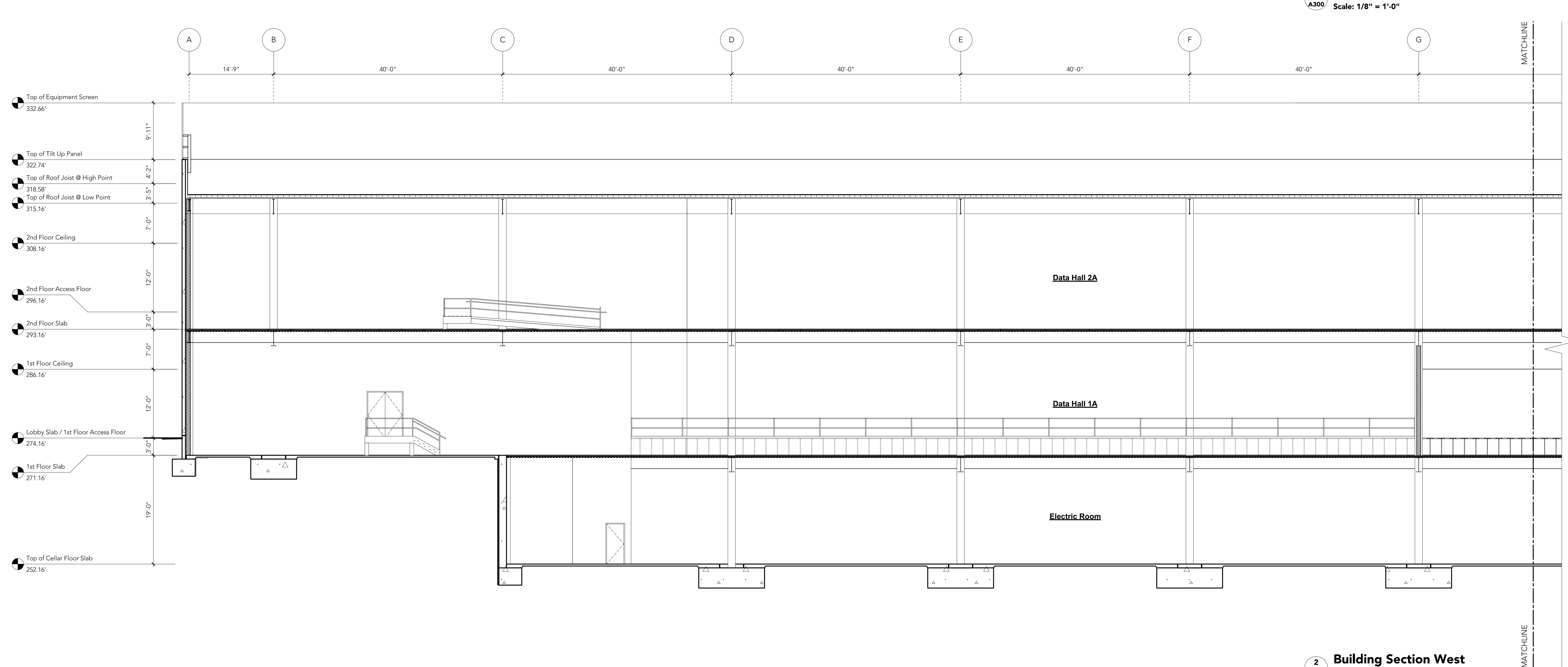
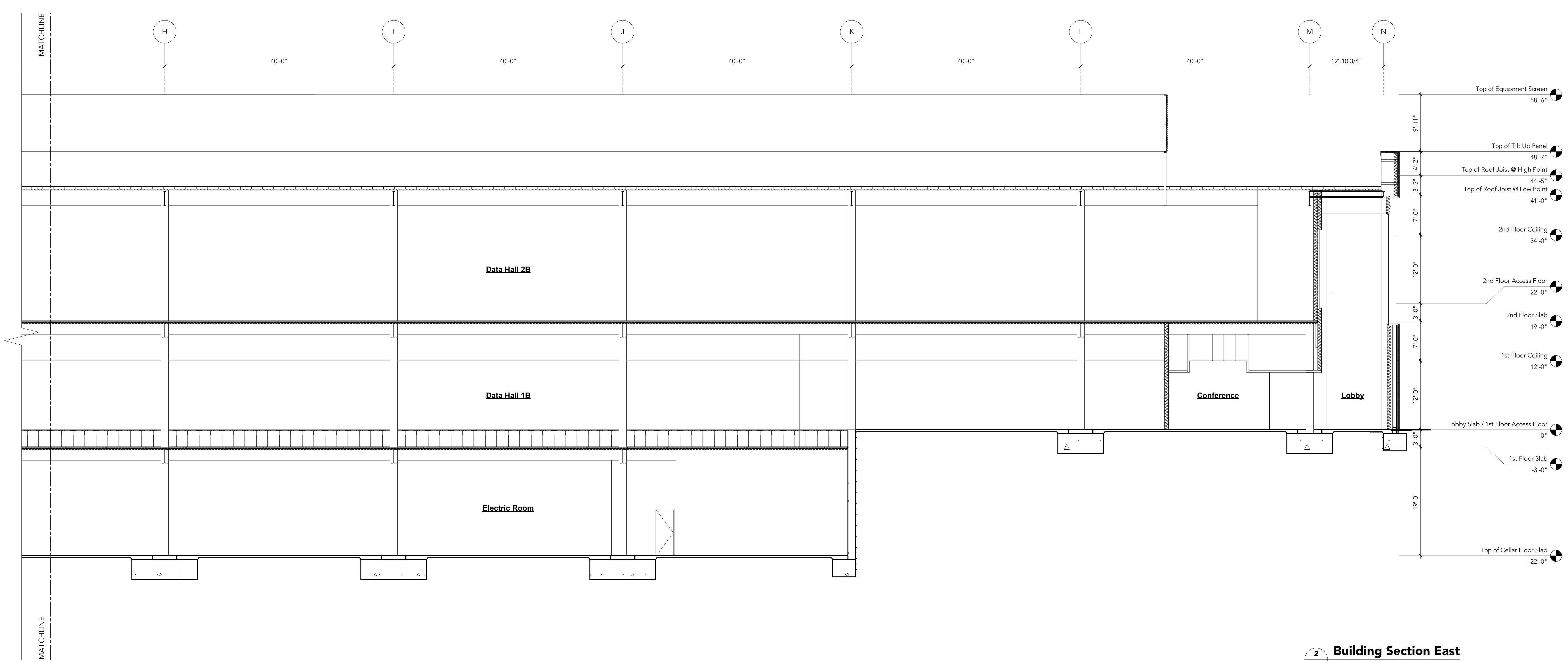
12 Typical wall pack light, fixture T. Mount as dimensioned. See fixture schedule on sheet A704 for additional information.

13 Egress door & frame, finish XP4. See sheet A007 for hardware information and elevations. See sheet A009 for additional finish information.

14 Typical overflow scupper. See plumbing for additional information.

15 Glass curtain wall system, finish XW6. See sheet A009 for additional finish information.

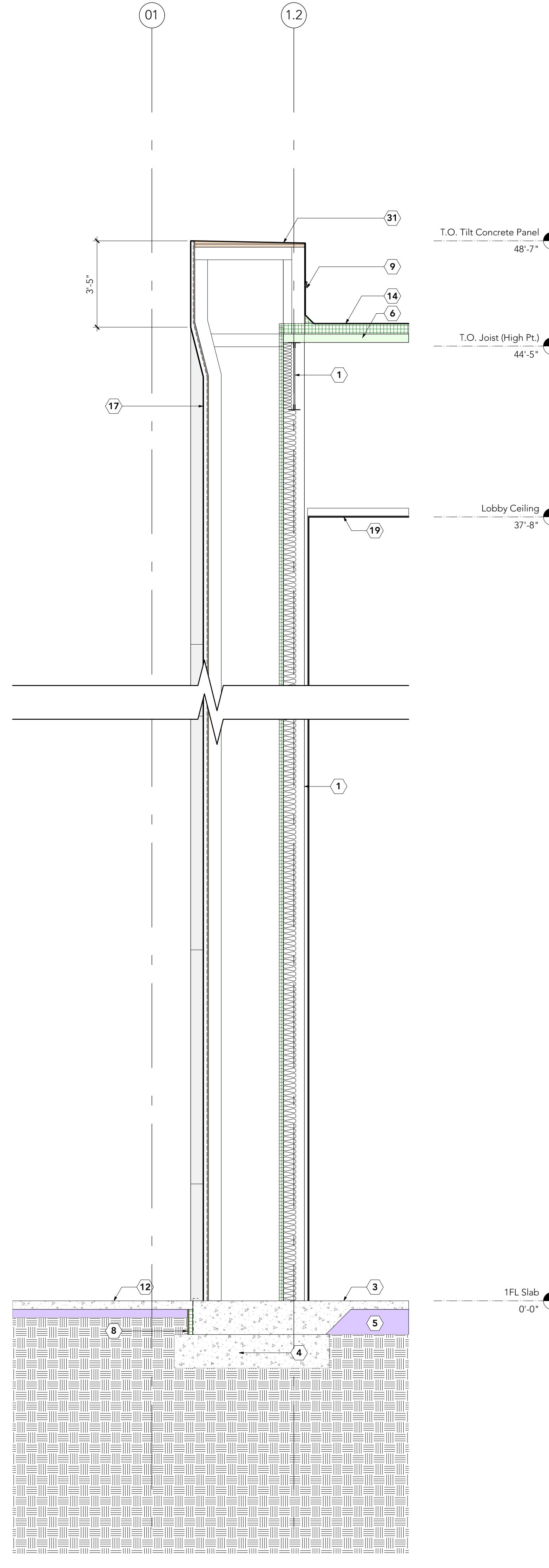
16 3/4" Grout joint at bottom of tilt up panel, see structural for panel attachment details.



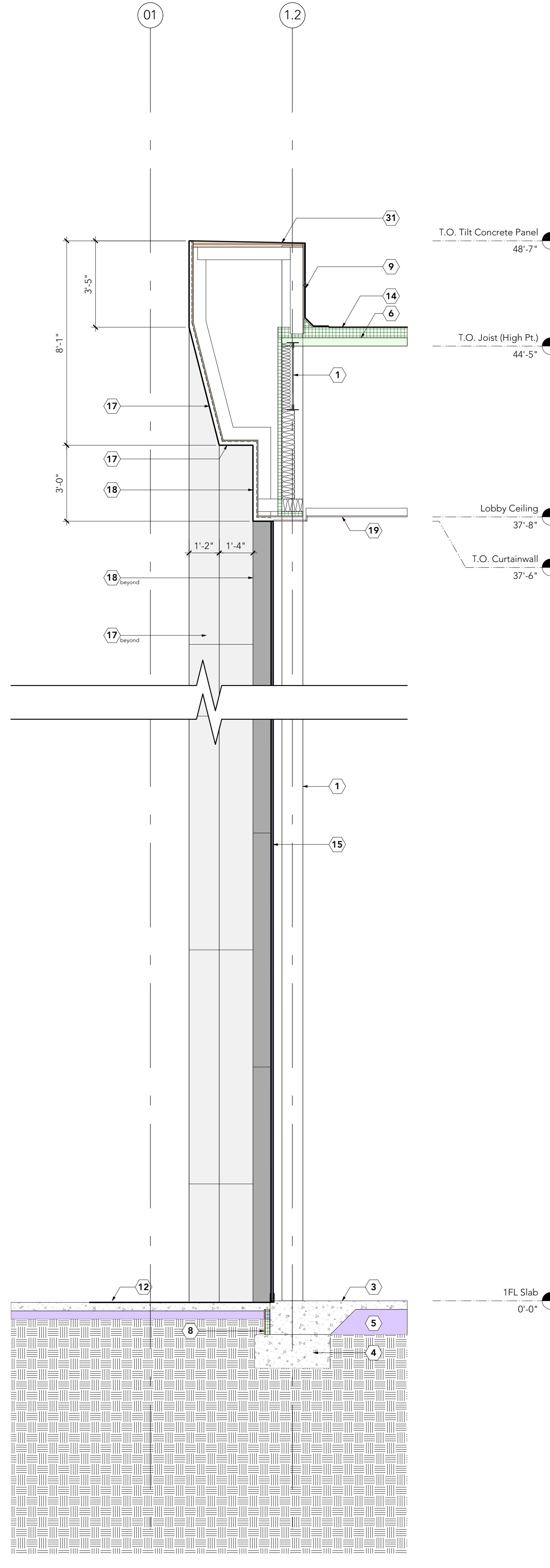
Keyed Notes - Wall Sections

NOTE: Reference architectural specification for product and installation information.

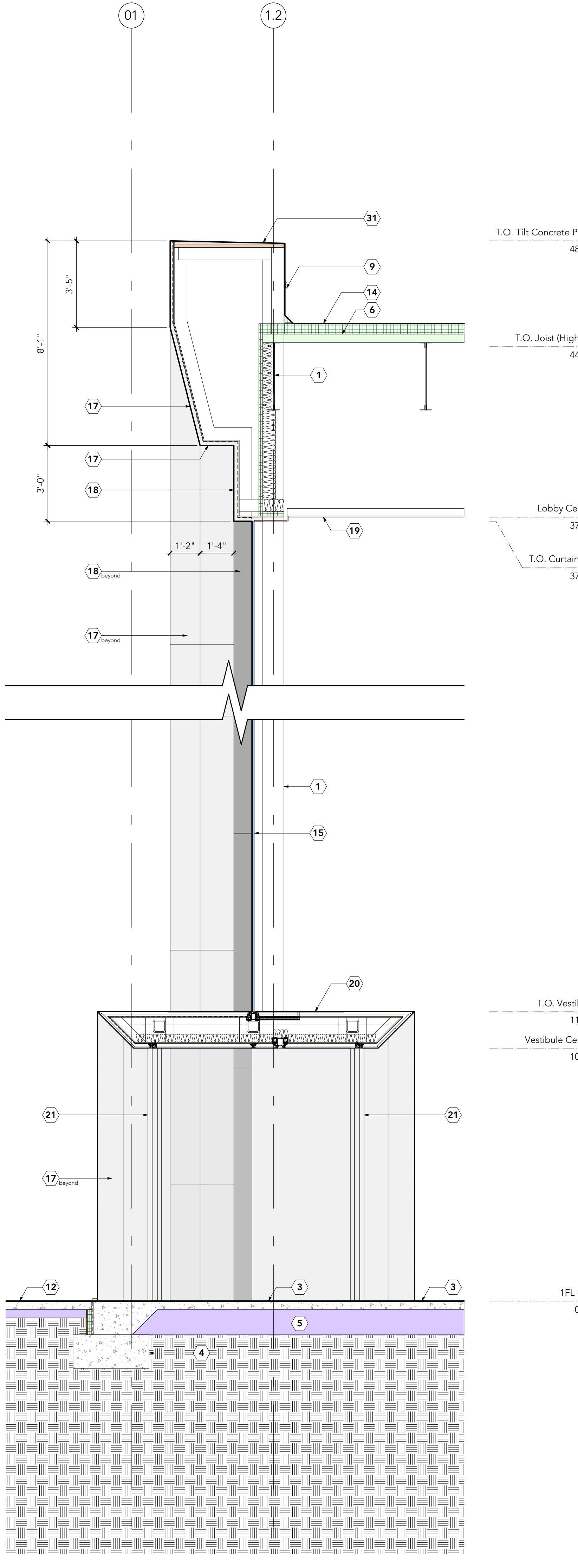
- ① Structural steel framing, see Structural drawings.
- ② Reinforced concrete tilt-up wall, see Structural drawings.
- ③ Slab on grade on compacted gravel, see Structural drawings. Provide under slab vapor barrier continuous to exterior.
- ④ Reinforced concrete footing, see Structural drawings.
- ⑤ Compacted gravel bed, see Structural drawings.
- ⑥ Steel roof deck, see Structural drawings.
- ⑦ Composite steel / concrete deck, see Structural drawings.
- ⑧ Sheet waterproofing membrane with protection / drainage board.
- ⑨ Termination bar with sealant. Bar to be installed 10" above roof membrane.
- ⑩ Batt insulation with foil faced vapor barrier toward interior. Stick pin installation.
- ⑪ 2" rigid insulation
- ⑫ Concrete entry and sidewalk, see Civil drawings.
- ⑬ Reinforced concrete foundation wall, see Structural drawings.
- ⑭ Roofing membrane sloped to scuppers on rigid insulation on metal roof deck (see Structural for deck details). Flash roof membrane to termination bar at all parapets, typ.
- ⑮ Insulating glass panels in curtain wall system, see Elevations and Specifications.
- ⑯ Backer rod and sealant
- ⑰ Metal Panels, LL Gray Finish - See Finish Schedule / Building Elevation
- ⑱ Metal Panels, Dark Gray Finish - See Finish Schedule / Building Elevation
- ⑲ 1/2" Gypsum board on light gauge framing
- ⑳ Entry vestibule
- ㉑ Entry door, see Door Schedule
- ㉒ Finish grade. Slope away from building, see Civil drawings
- ㉓ Roof screen
- ㉔ Ceiling grid / strut system, see Reflected Ceiling Plans
- ㉕ Raised access flooring
- ㉖ Metal accent panel / canopy
- ㉗ B&N Industries Fortina extruded aluminum 'fins'
- ㉘ Backer rod and sealant
- ㉙ Dock bumper
- ㉚ Surface mounted overhead door, see Door Schedule
- ㉛ Roof coping on blocking. Slope towards roof.



3 WALL SECTION
A400 Scale: 3/8" = 1'-0"



2 WALL SECTION
A400 Scale: 3/8" = 1'-0"

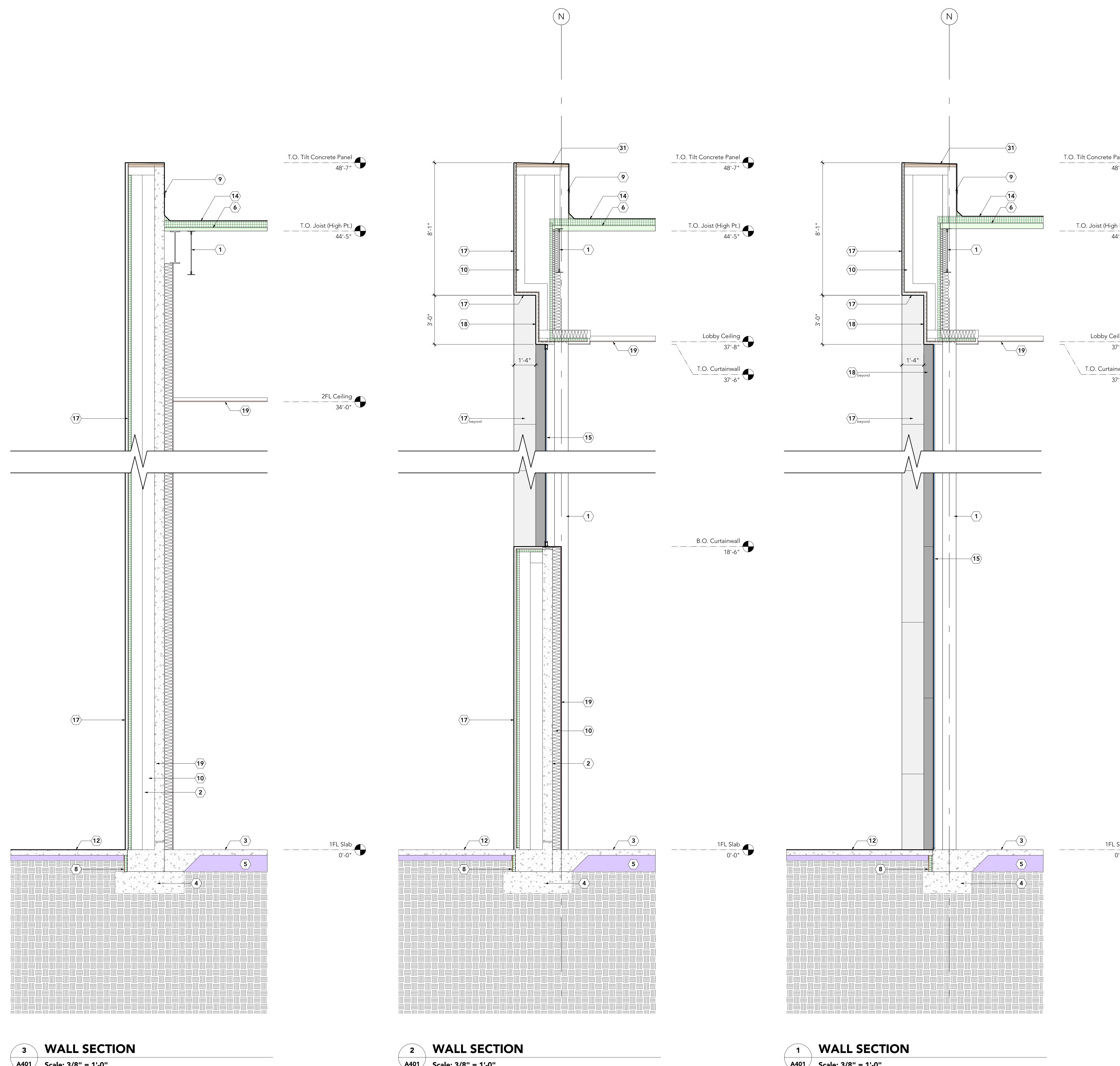


1 WALL SECTION - Lobby Entrance
A400 Scale: 3/8" = 1'-0"

Keyed Notes - Wall Sections

NOTE: Reference architectural specification for product and installation information.

- 1 Structural steel framing, see Structural drawings.
- 2 Reinforced concrete tilt-up wall, see Structural drawings.
- 3 Slab on grade on compacted gravel, see Structural drawings. Provide under slab vapor barrier continuous to exterior.
- 4 Reinforced concrete footing, see Structural drawings.
- 5 Compacted gravel bed, see Structural drawings.
- 6 Steel roof deck, see Structural drawings.
- 7 Composite steel / concrete deck, see Structural drawings.
- 8 Sheet waterproofing membrane with protection / drainage board.
- 9 Termination bar with sealant. Bar to be installed 10" above roof membrane.
- 10 Batt insulation with foil faced vapor barrier toward interior. Stick pin installation.
- 11 2" rigid insulation
- 12 Concrete entry and sidewalk, see Civil drawings.
- 13 Reinforced concrete foundation wall, see Structural drawings.
- 14 Roofing membrane sloped to scuppers on rigid insulation on metal roof deck (see Structural for deck details). Flash roof membrane to termination bar at all parapets, typ.
- 15 Insulating glass panels in curtain wall system, see Elevations and Specifications.
- 16 Backer rod and sealant
- 17 Metal Panels, LL Gray Finish - See Finish Schedule / Building Elevations
- 18 Metal Panels, Dark Gray Finish - See Finish Schedule / Building Elevations
- 19 1/2" Gypsum board on light gauge framing
- 20 Entry vestibule
- 21 Entry door, see Door Schedule
- 22 Finish grade. Slope away from building, see Civil drawings
- 23 Roof screen
- 24 Ceiling grid / strut system, see Reflected Ceiling Plans
- 25 Raised access flooring
- 26 Metal accent panel / canopy
- 27 B&N Industries Fortina extruded aluminum 'fins'.
- 28 Backer rod and sealant
- 29 Dock bumper
- 30 Surface mounted overhead door, see Door Schedule
- 31 Roof coping on blocking. Slope towards roof.



Keyed Notes - Wall Sections

- NOTE: Reference architectural specification for product and installation information.
- ① Structural steel framing, see Structural drawings.
- ② Reinforced concrete tilt-up wall, see Structural drawings.
- ③ Slab on grade on compacted gravel, see Structural drawings. Provide under slab vapor barrier continuous to exterior.
- ④ Reinforced concrete footing, see Structural drawings.
- ⑤ Compacted gravel bed, see Structural drawings.
- ⑥ Steel roof deck, see Structural drawings.
- ⑦ Composite steel / concrete deck, see Structural drawings.
- ⑧ Sheet waterproofing membrane with protection / drainage board.
- ⑨ Termination bar with sealant. Bar to be installed 10" above roof membrane.
- ⑩ Batt insulation with foil faced vapor barrier toward interior. Stick pin installation.
- ⑪ 2" rigid insulation
- ⑫ Concrete entry and sidewalk, see Civil drawings.
- ⑬ Reinforced concrete foundation wall, see Structural drawings.
- ⑭ Roofing membrane sloped to scuppers on rigid insulation on metal roof deck (see Structural for deck details). Flash roof membrane to termination bar at all parapets, typ.
- ⑮ Insulating glass panels in curtain wall system, see Elevations and Specifications.
- ⑯ Backer rod and sealant
- ⑰ Metal Panels, LL Gray Finish - See Finish Schedule / Building Elevations
- ⑱ Metal Panels, Dark Gray Finish - See Finish Schedule / Building Elevations
- ⑲ 1/2" Gypsum board on light gauge framing
- ⑳ Entry vestibule
- ㉑ Entry door, see Door Schedule
- ㉒ Finish grade. Slope away from building, see Civil drawings
- ㉓ Roof screen
- ㉔ Ceiling grid / strut system, see Reflected Ceiling Plans
- ㉕ Raised access flooring
- ㉖ Metal accent panel / canopy
- ㉗ B&N Industries Fortina extruded aluminum 'fins'
- ㉘ Backer rod and sealant
- ㉙ Dock bumper
- ㉚ Surface mounted overhead door, see Door Schedule
- ㉛ Roof coping on blocking. Slope towards roof.
- ㉜ Keyed note



WALL SECTION

1 A402

Scale: 3/8" = 1'-0"

WALL SECTION

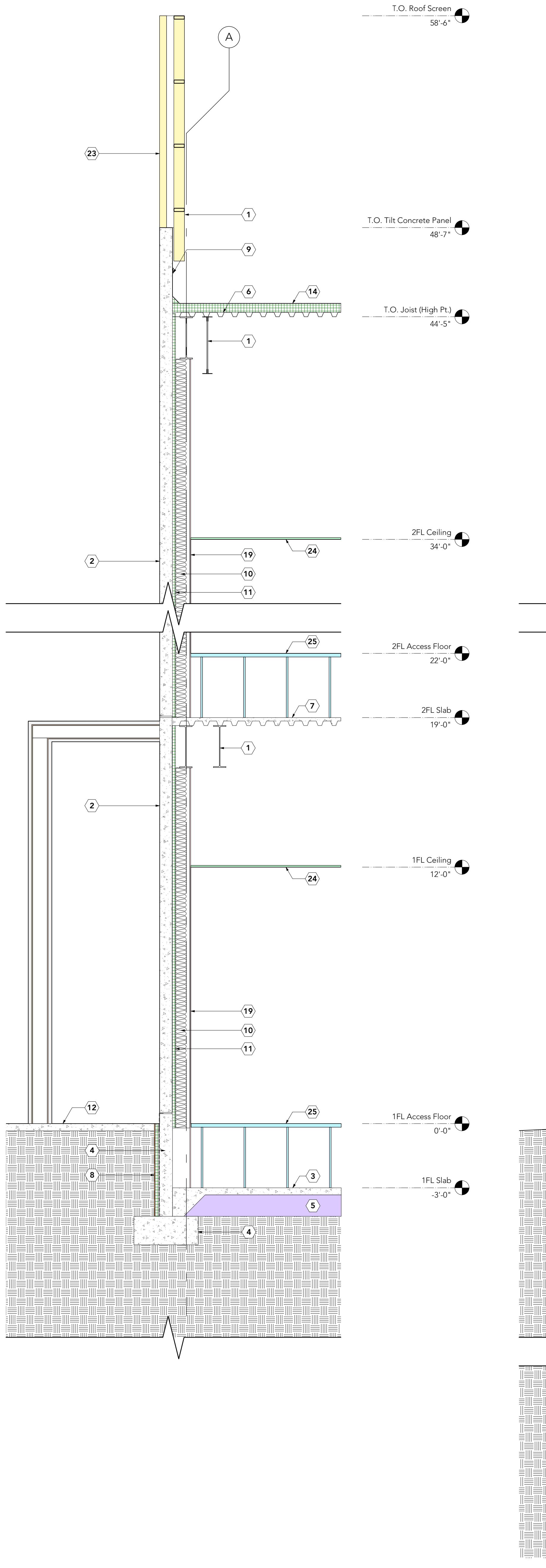
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Scale: 3/8" = 1'-0"

WALL SECTION

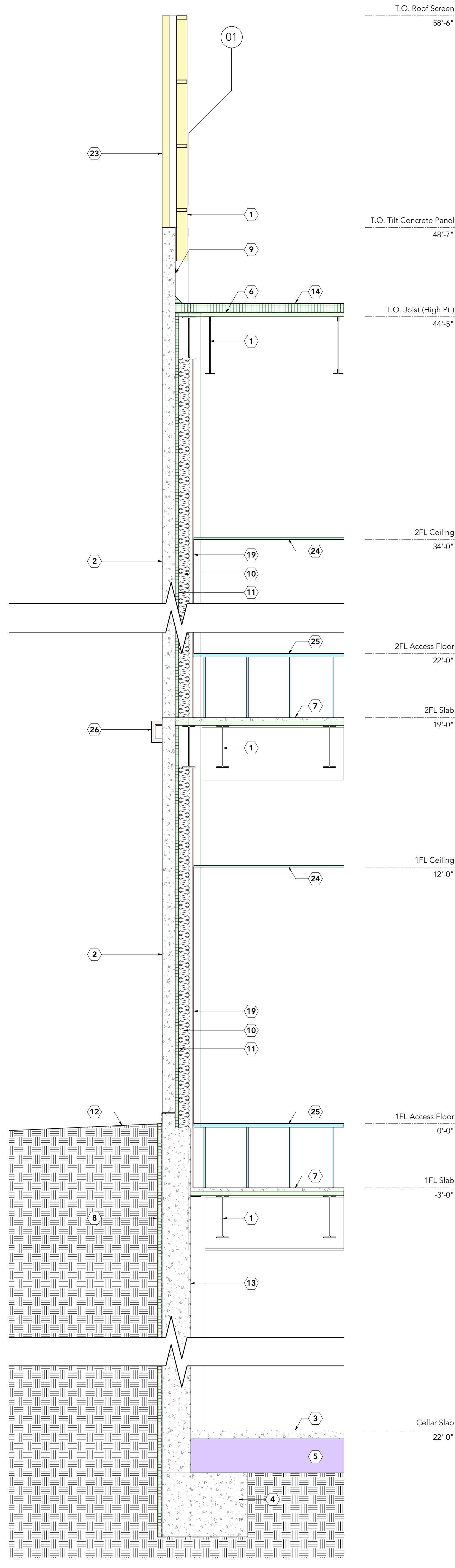
3 A402

Scale: 3/8" = 1'-0"



WALL SECTION

A403



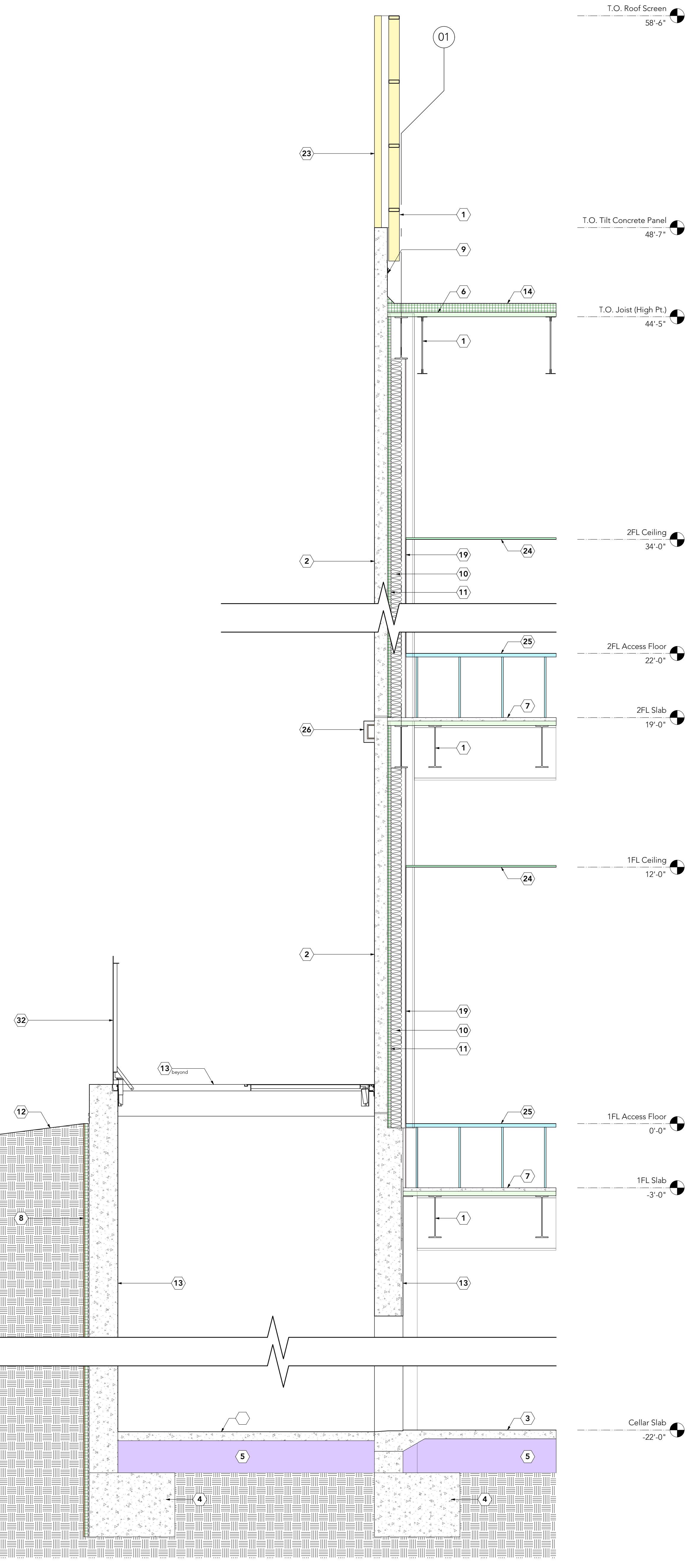
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A403

WALL SECTION

Scale: 3/8" = 1'-0"

A403



WALL SECTION

A402

Cyxtera - DC7

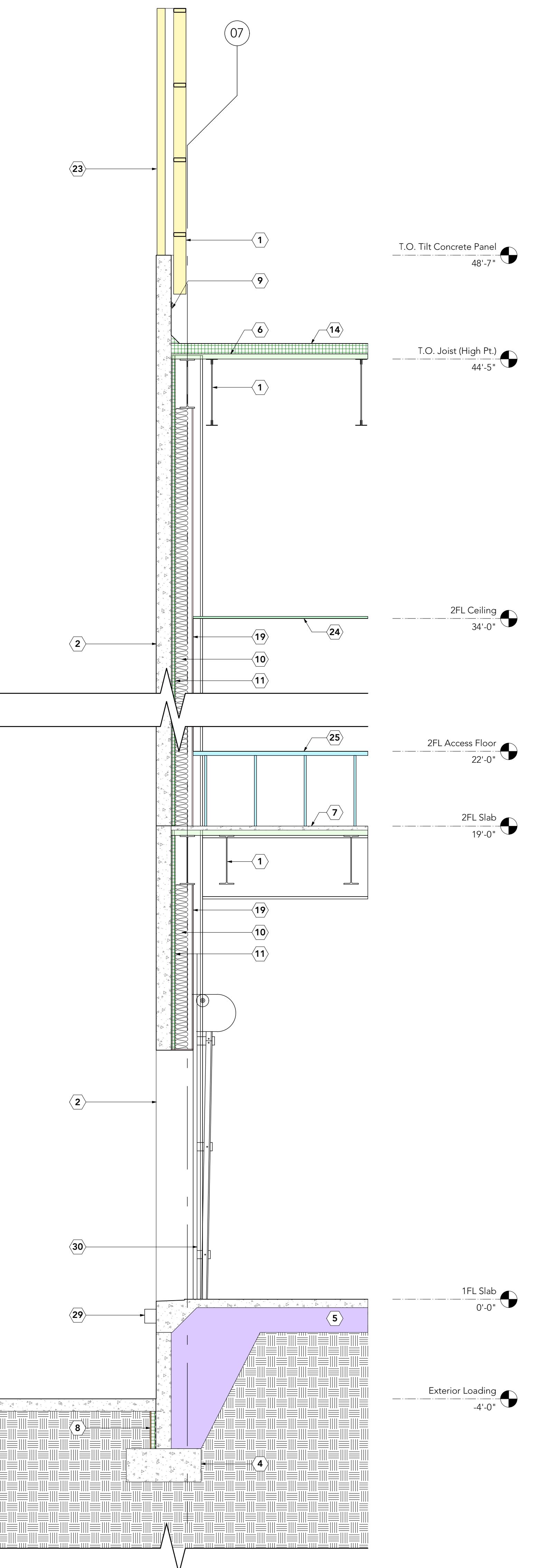
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- # Keyed Notes - Wall Sections
- NOTE:** Reference architectural specification for product and installation information.
- 1 Structural steel framing, see Structural drawings.
 - 2 Reinforced concrete tilt-up wall, see Structural drawings.
 - 3 Slab on grade on compacted gravel, see Structural drawings. Provide under slab vapor barrier continuous to exterior.
 - 4 Reinforced concrete footing, see Structural drawings.
 - 5 Compacted gravel bed, see Structural drawings.
 - 6 Steel roof deck, see Structural drawings.
 - 7 Composite steel / concrete deck, see Structural drawings.
 - 8 Sheet waterproofing membrane with protection / drainage board.
 - 9 Termination bar with sealant. Bar to be installed 10" above roof membrane.
 - 10 Batt insulation with foil faced vapor barrier toward interior. Stick pin installation.
 - 11 2" rigid insulation
 - 12 Concrete entry and sidewalk, see Civil drawings.
 - 13 Reinforced concrete foundation wall, see Structural drawings.
 - 14 Roofing membrane sloped to scuppers on rigid insulation on metal roof deck (see Structural for deck details). Flash roof membrane to termination bar at all parapets, typ.
 - 15 Insulating glass panels in curtain wall system, see Elevations and Specifications.
 - 16 Backer rod and sealant
 - 17 Metal Panels, Lt. Gray Finish - See Finish Schedule / Building Elevations
 - 18 Metal Panels, Dark Gray Finish - See Finish Schedule / Building Elevations
 - 19 1/2" Gypsum board on light gauge framing
 - 20 Entry vestibule
 - 21 Entry door, see Door Schedule
 - 22 Finish grade. Slope away from building, see Civil drawings
 - 23 Roof screen
 - 24 Ceiling grid / strut system, see Reflected Ceiling Plans
 - 25 Raised access flooring
 - 26 Metal accent panel / canopy
 - 27 B&N Industries Fortina extruded aluminum 'fins'.
 - 28 Backer rod and sealant
 - 29 Dock bumper
 - 30 Surface mounted overhead door, see Door Schedule
 - 31 Roof coping on blocking. Slope towards roof.

Permit Set 02-12-2019
Bid Set 02-22-2019

Project Number: 180102

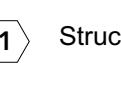
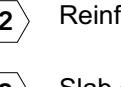
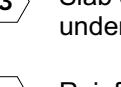
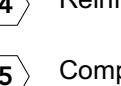
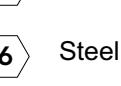
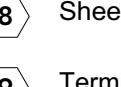
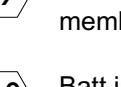
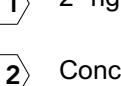
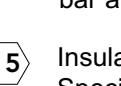
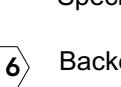
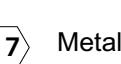
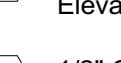
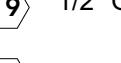
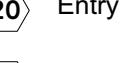
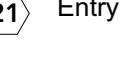
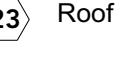
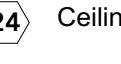
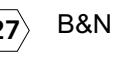
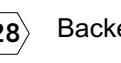
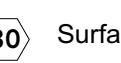
A403

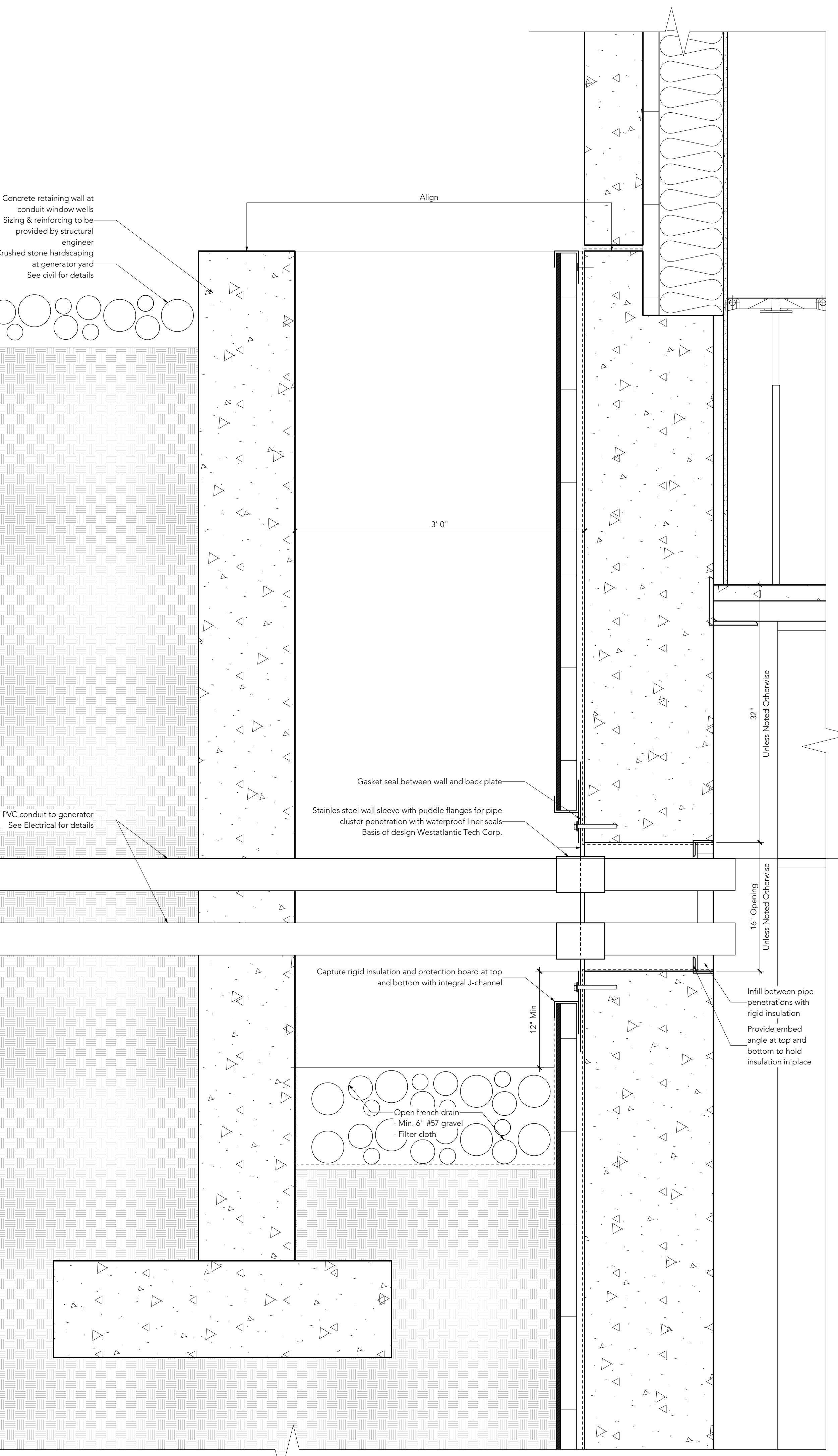


1 WALL SECTION
A404 Scale: 3/8" = 1'-0"

 Keyed Notes - Wall Sections

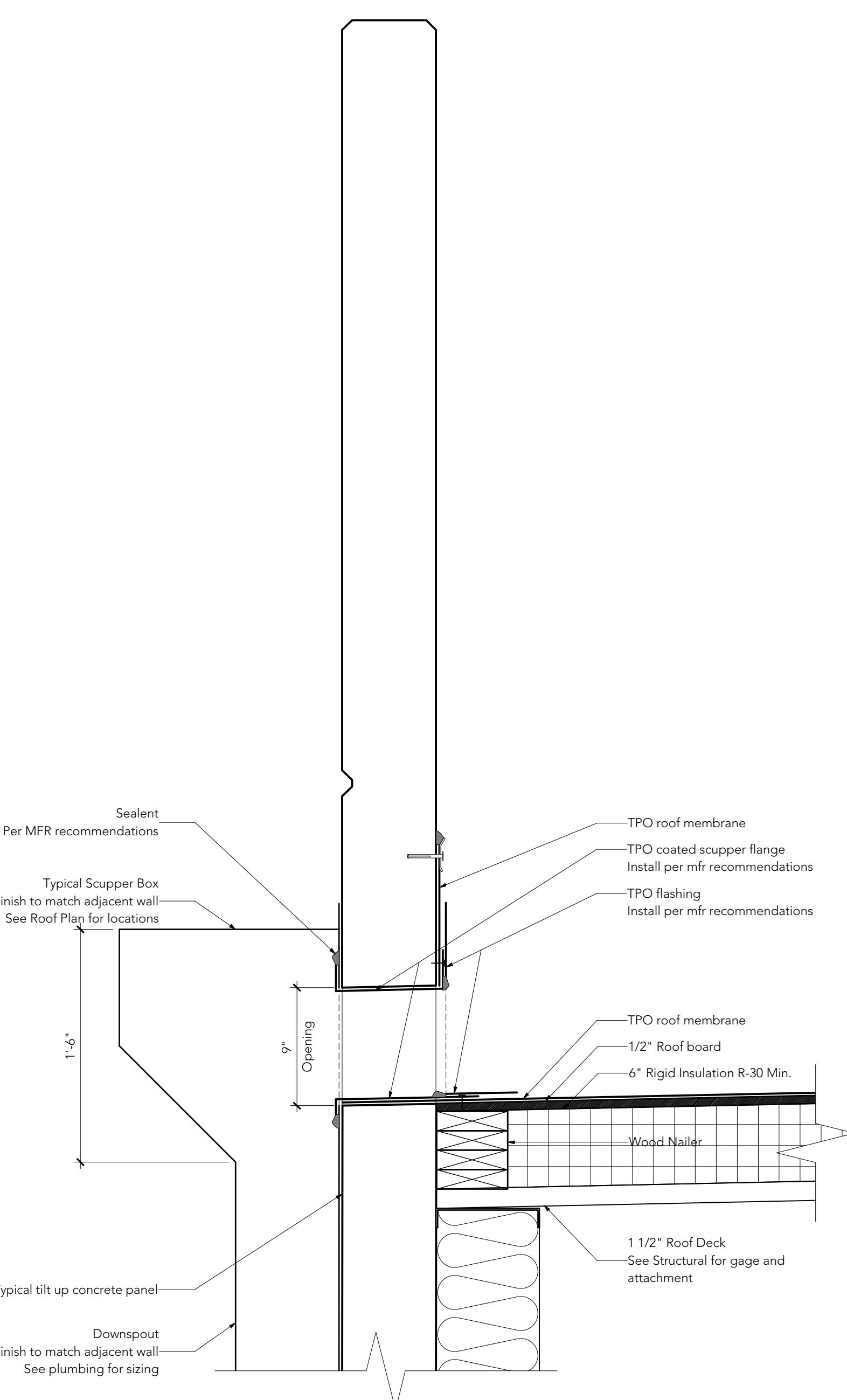
NOTE: Reference architectural specification for product and installation information.

-  1 Structural steel framing, see Structural drawings.
-  2 Reinforced concrete tilt-up wall, see Structural drawings.
-  3 Slab on grade on compacted gravel, see Structural drawings. Provide under slab vapor barrier continuous to exterior.
-  4 Reinforced concrete footing, see Structural drawings.
-  5 Compacted gravel bed, see Structural drawings.
-  6 Steel roof deck, see Structural drawings.
-  7 Composite steel / concrete deck, see Structural drawings.
-  8 Sheet waterproofing membrane with protection / drainage board.
-  9 Termination bar with sealant. Bar to be installed 10" above roof membrane.
-  10 Batt insulation with foil faced vapor barrier toward interior. Stick pin installation.
-  11 2" rigid insulation
-  12 Concrete entry and sidewalk, see Civil drawings.
-  13 Reinforced concrete foundation wall, see Structural drawings.
-  14 Roofing membrane sloped to scuppers on rigid insulation on metal roof deck (see Structural for deck details). Flash roof membrane to termination bar at all parapets, typ.
-  15 Insulating glass panels in curtain wall system, see Elevations and Specifications.
-  16 Backer rod and sealant
-  17 Metal Panels, LL Gray Finish - See Finish Schedule / Building Elevations
-  18 Metal Panels, Dark Gray Finish - See Finish Schedule / Building Elevations
-  19 1/2" Gypsum board on light gauge framing
-  20 Entry vestibule
-  21 Entry door, see Door Schedule
-  22 Finish grade. Slope away from building, see Civil drawings
-  23 Roof screen
-  24 Ceiling grid / strut system, see Reflected Ceiling Plans
-  25 Raised access flooring
-  26 Metal accent panel / canopy
-  27 B&N Industries Fortina extruded aluminum 'fins'
-  28 Backer rod and sealant
-  29 Dock bumper
-  30 Surface mounted overhead door, see Door Schedule
-  31 Roof coping on blocking. Slope towards roof.



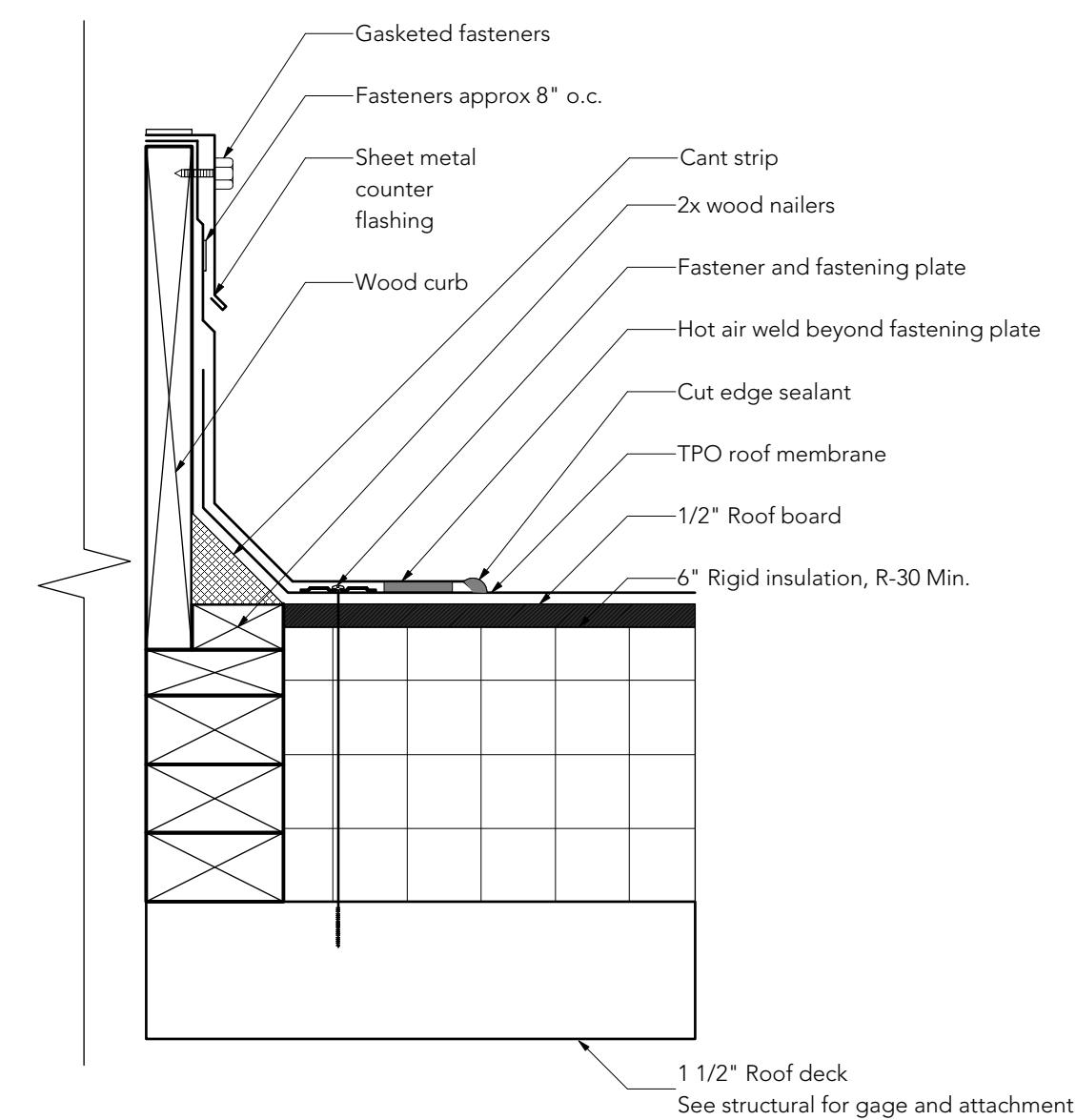
Typical Conduit Window Well Detail

A500 Scale: 1 1/2" = 1'-0"



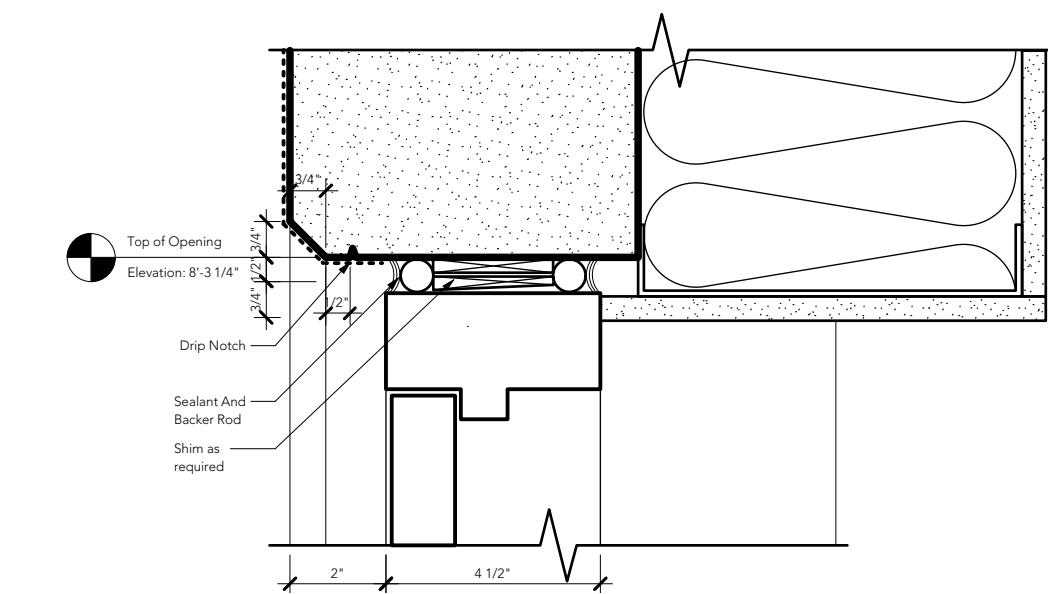
Typical Scupper Detail

A500 Scale: 1 1/2" = 1'-0"



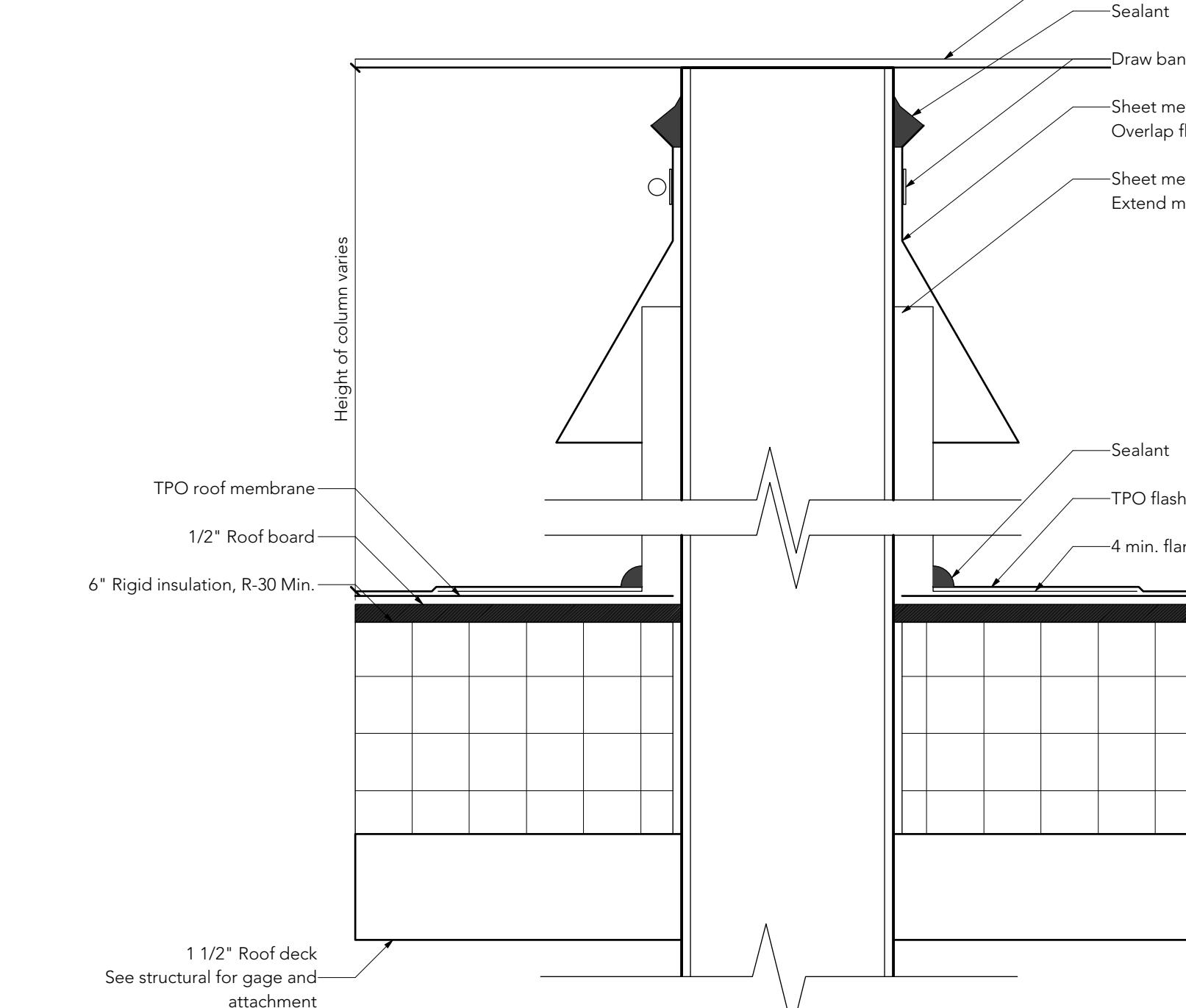
8 Typical Raised Curb at Rooftop AHU & Ducts

A500 Scale: 3" = 1'-0"



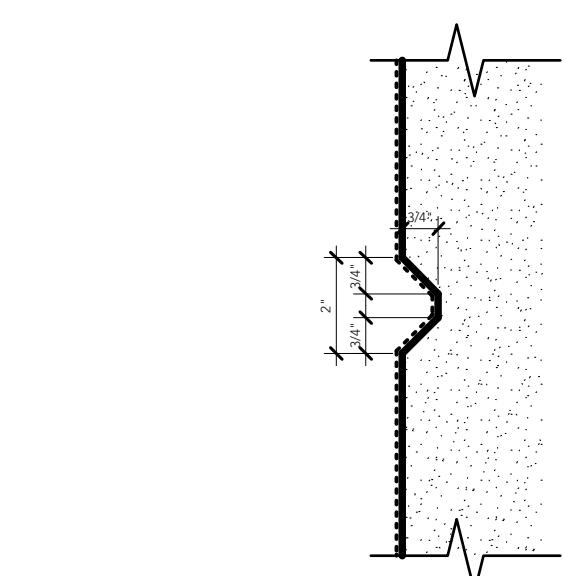
7 Typical Panel Return At Door Head

A500 Scale: 3" = 1'-0"



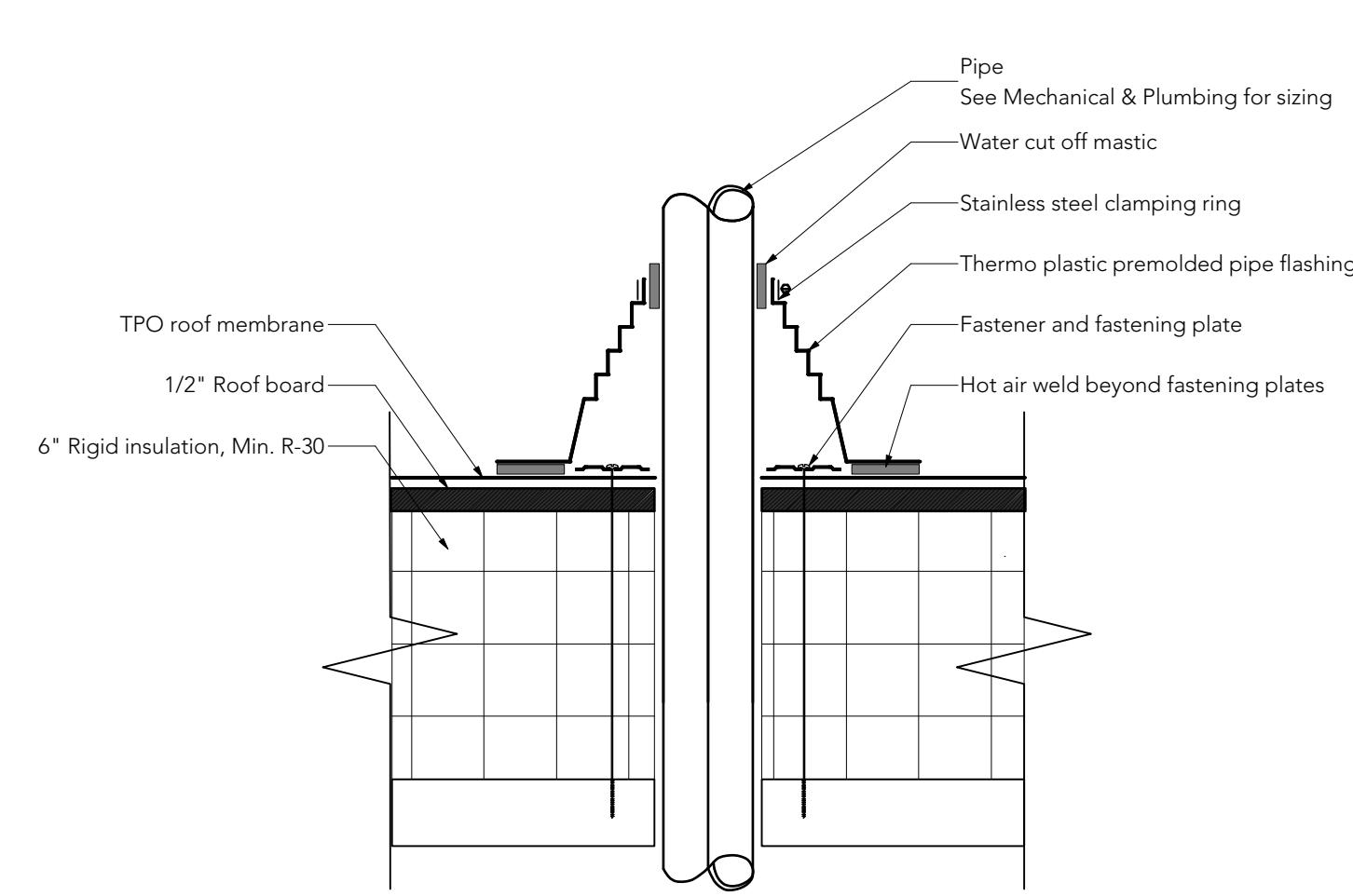
6 Detail at Dunnage Support Column Penetration

A500 Scale: 3" = 1'-0"



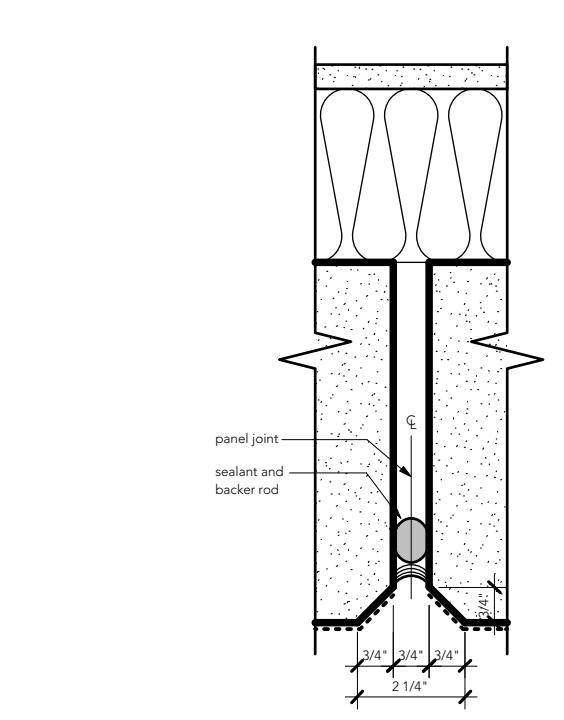
5 Typical Horizontal Panel Reveal

A500 Scale: 3" = 1'-0"



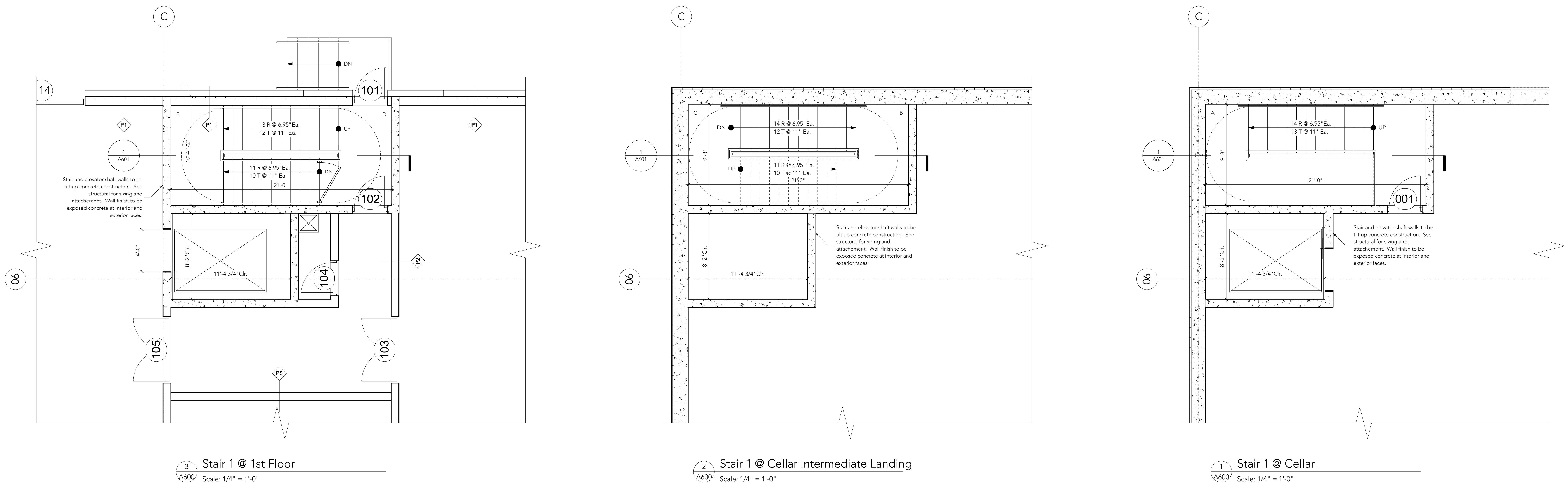
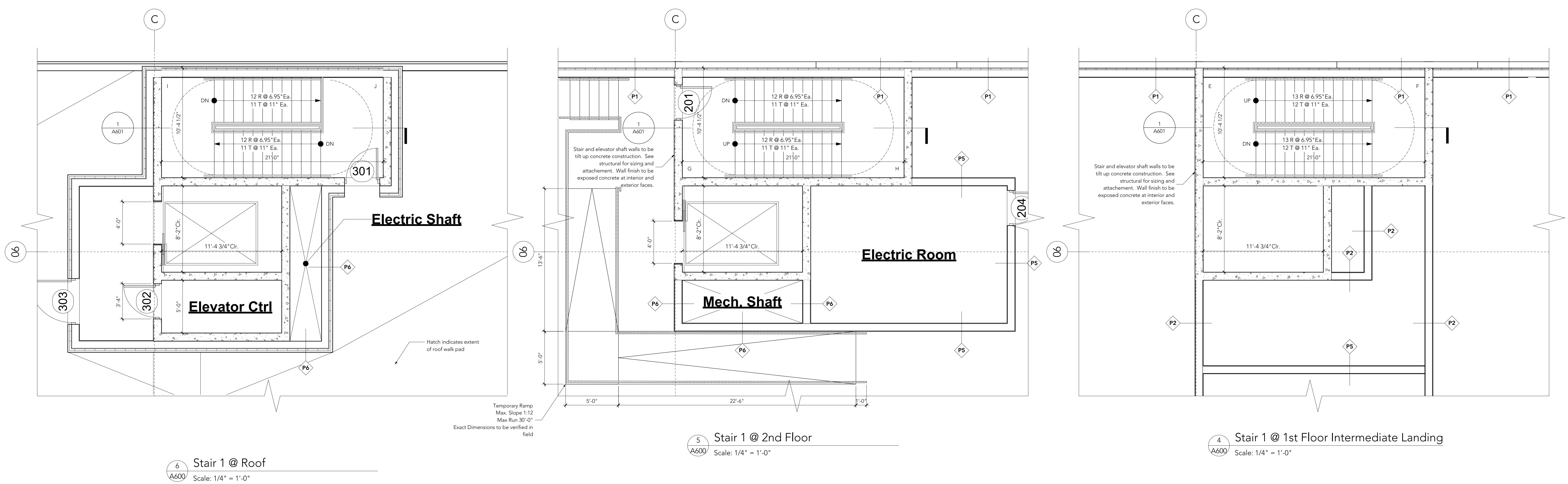
2 Typical Pipe Penetration Detail

A500 Scale: 3" = 1'-0"



1 Typical Vertical Panel Joint

A500 Scale: 3" = 1'-0"

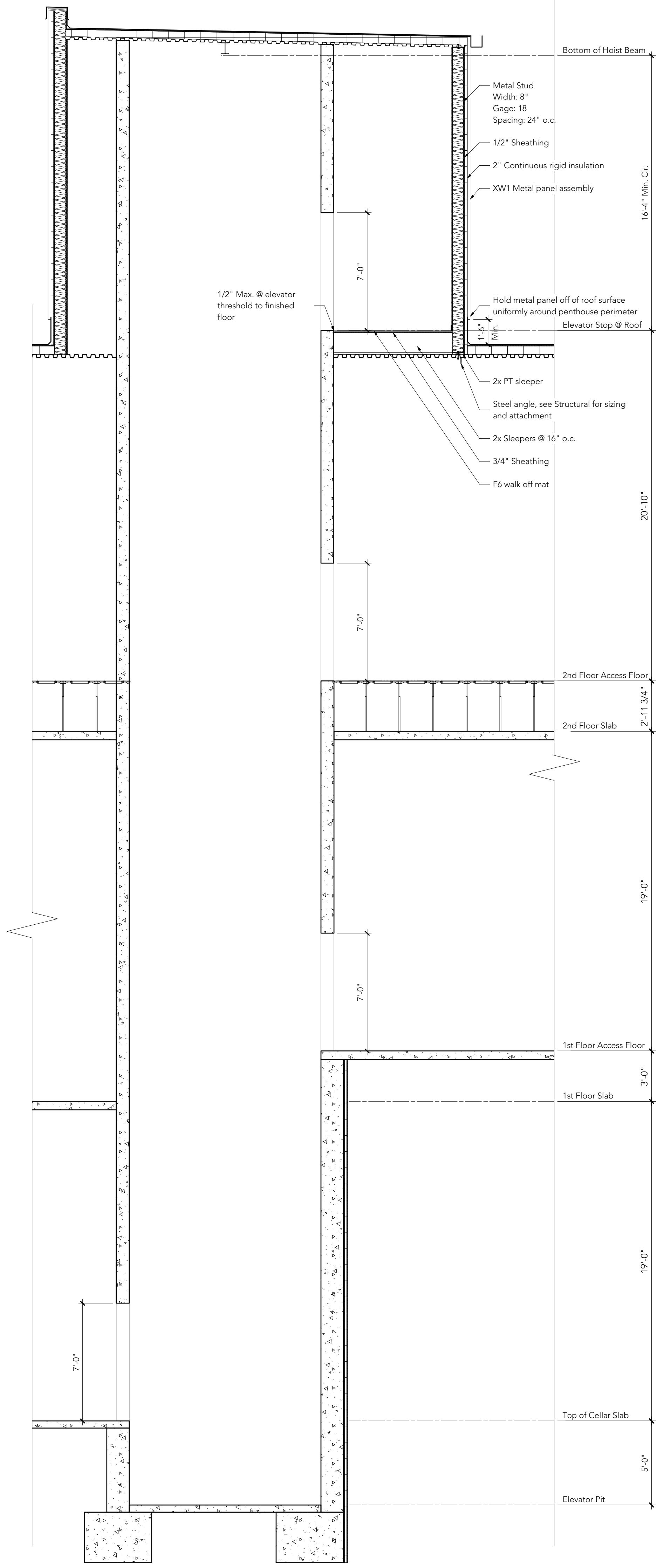




The M Group

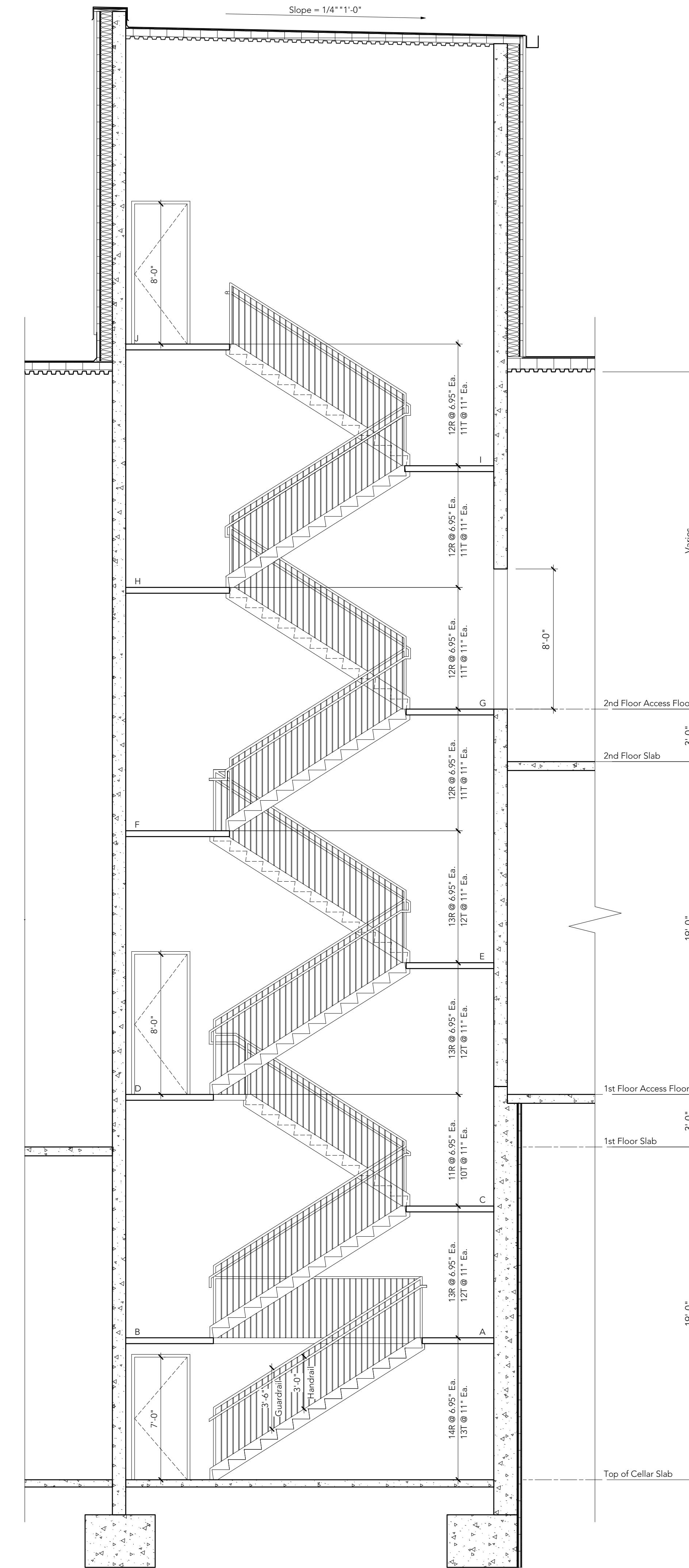
Architects +
Interior Architects

12353m Sunrise Valley Drive
Reston, Virginia 20191
703.448.8786
mgrouparchitects.com



Elevator Section

A601 Scale: 1/4" = 1'-0"



Stair 1 Section

A601 Scale: 1/4" = 1'-0"

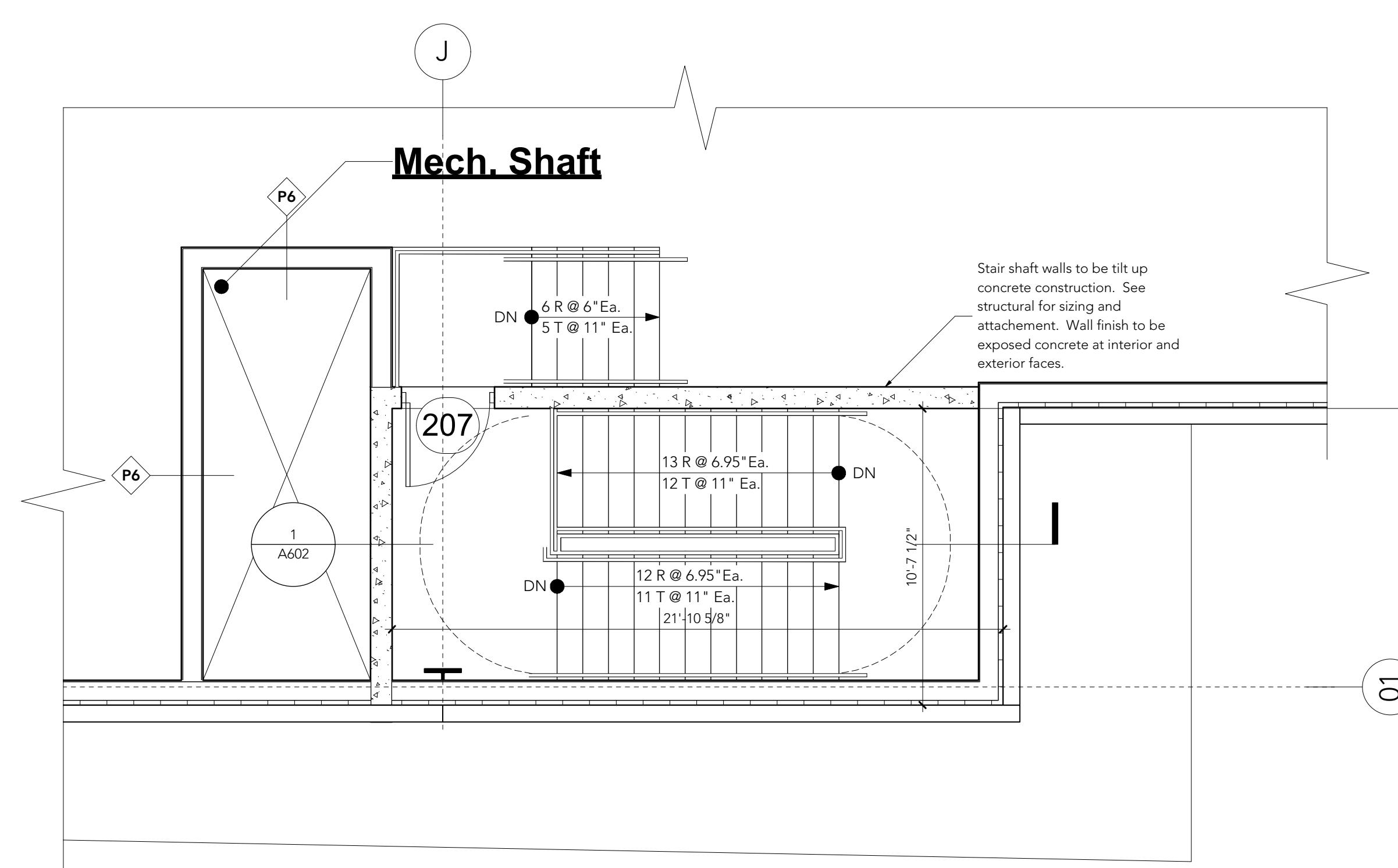
Cyxtera - DC7

Stair 1 & Elevator Sections

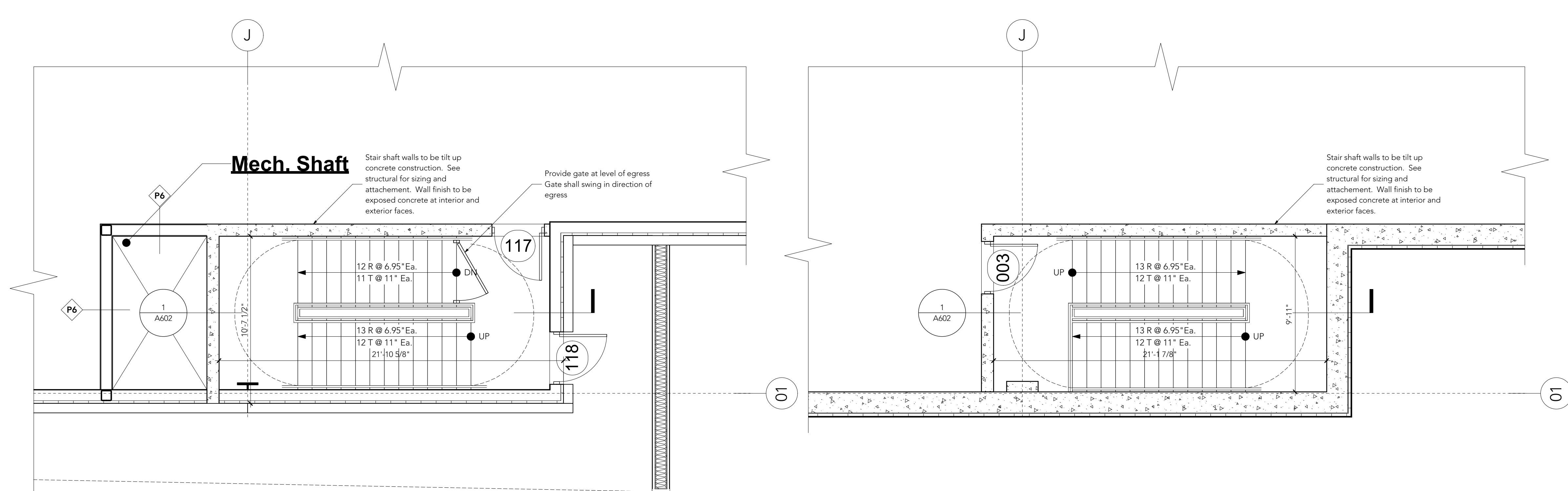
Permit Set 02-12-2019
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A601



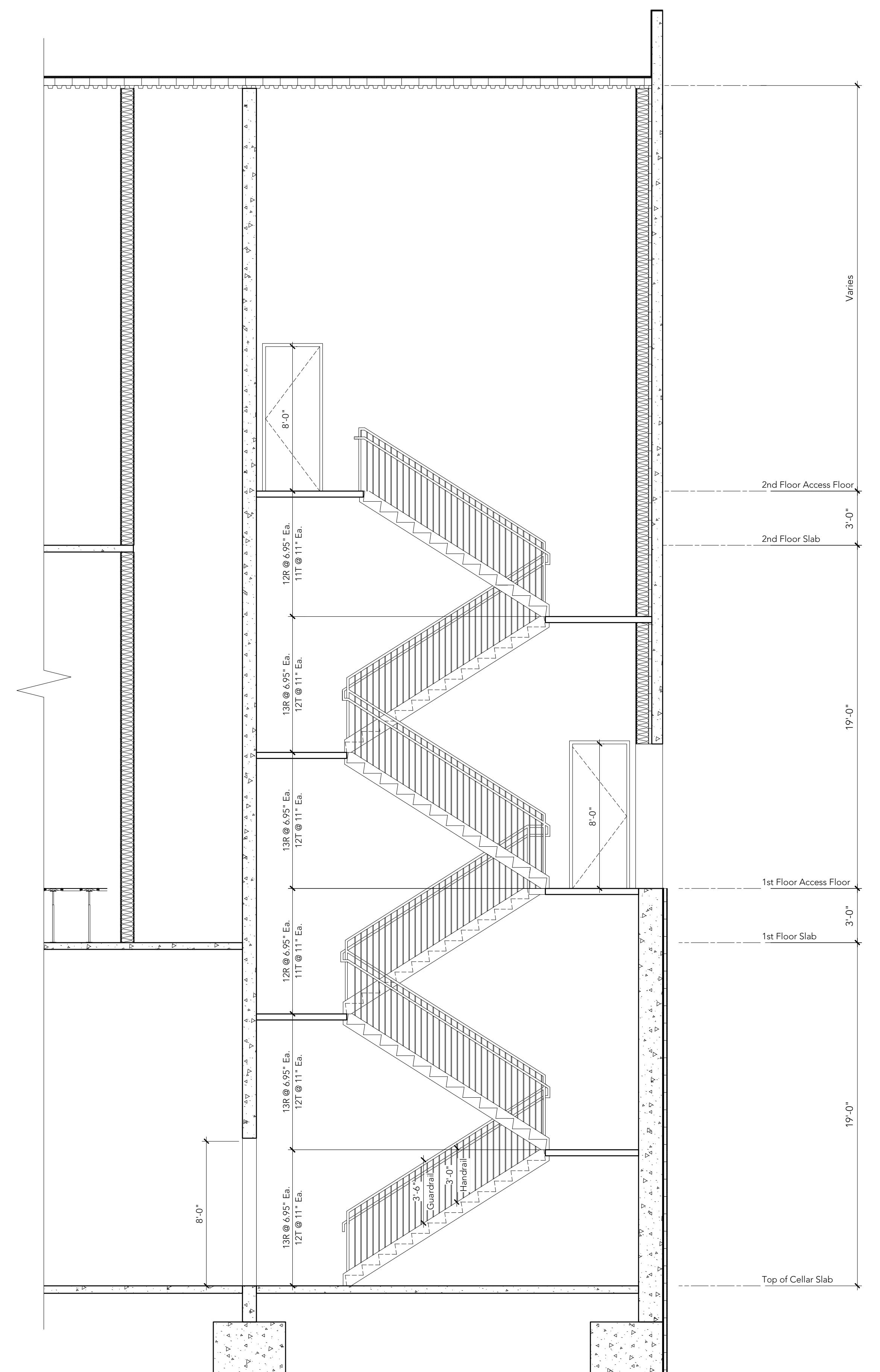
Stair 2 @ 2nd Floor
A602
Scale: 1/4" = 1'-0"

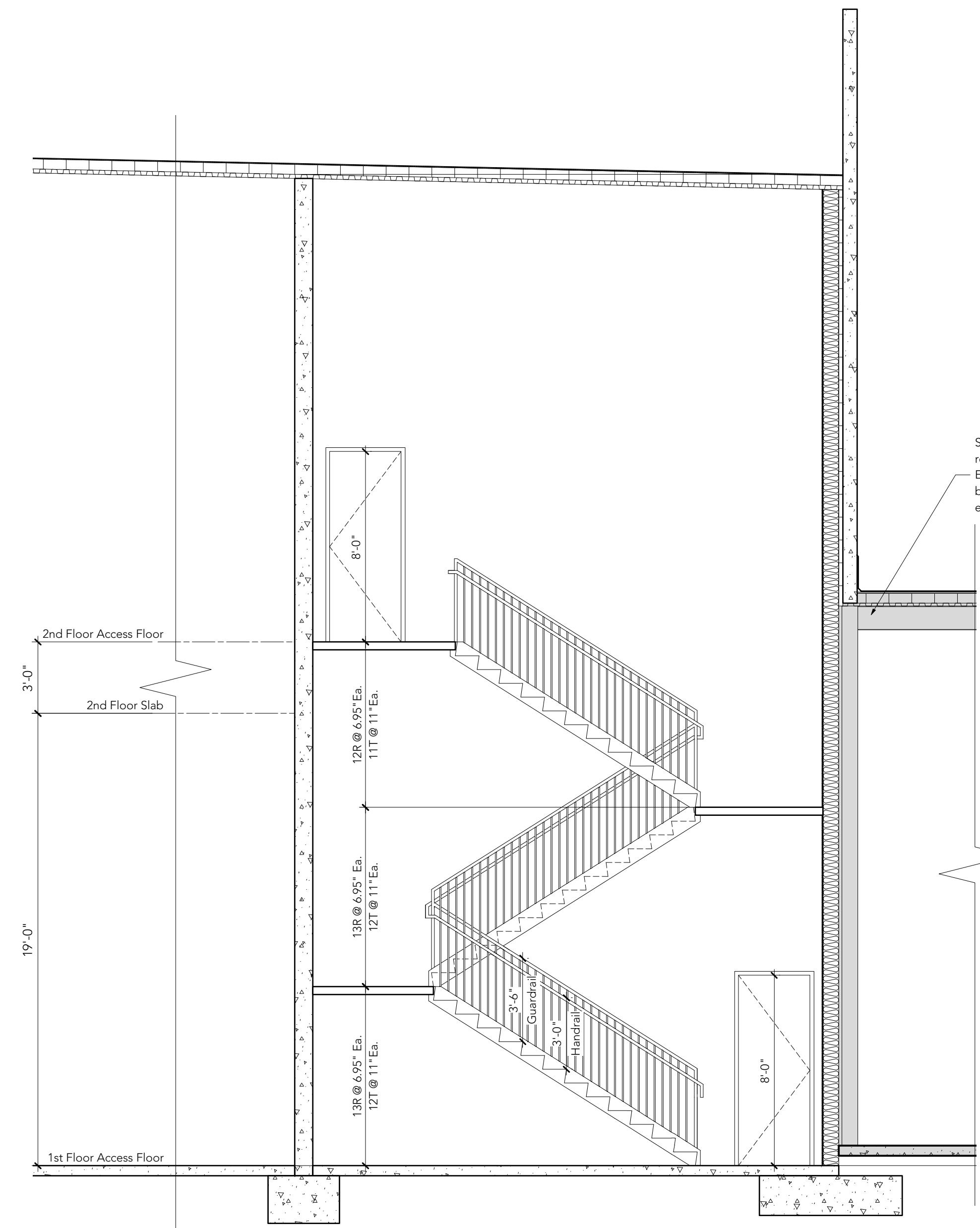
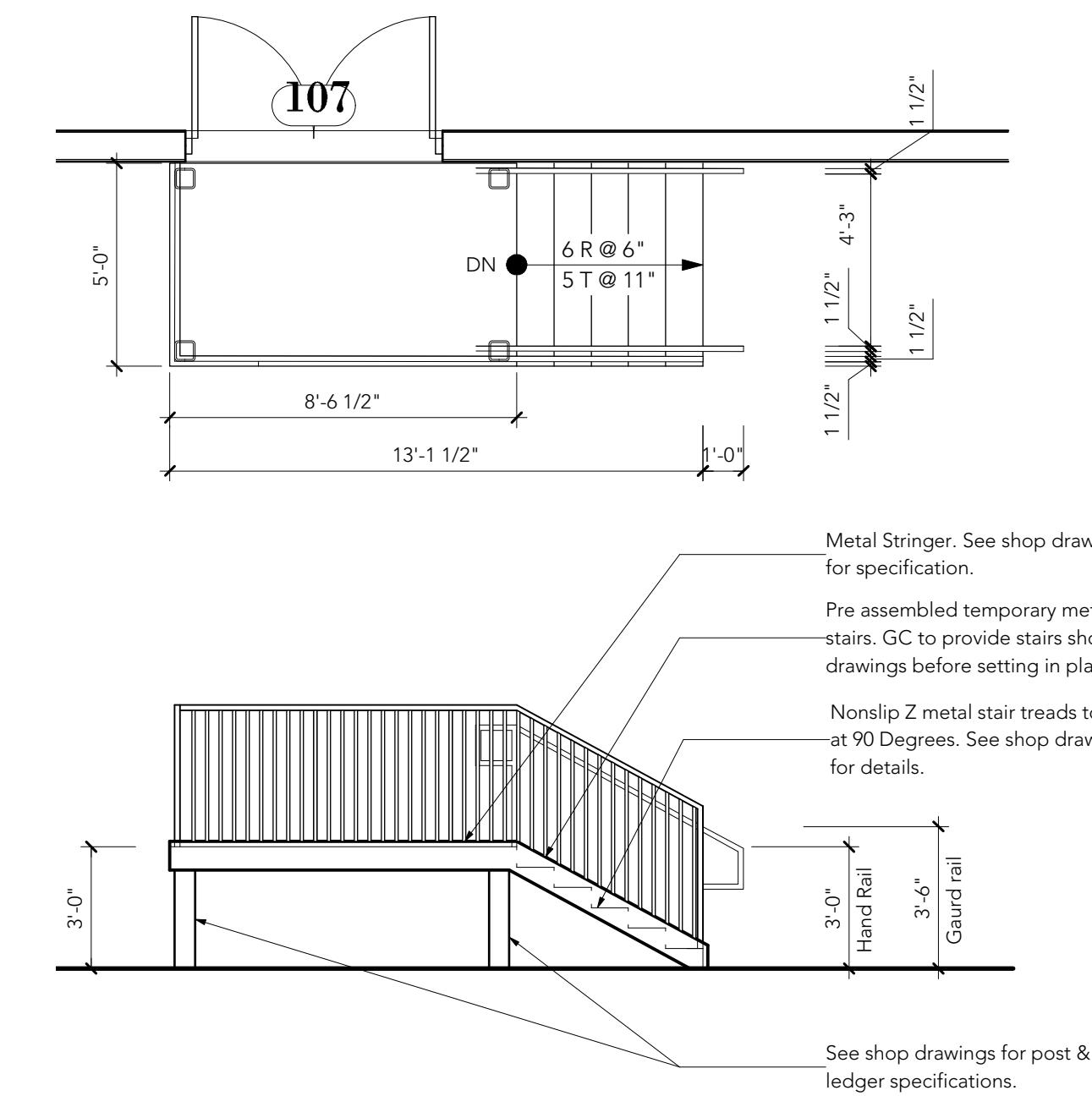
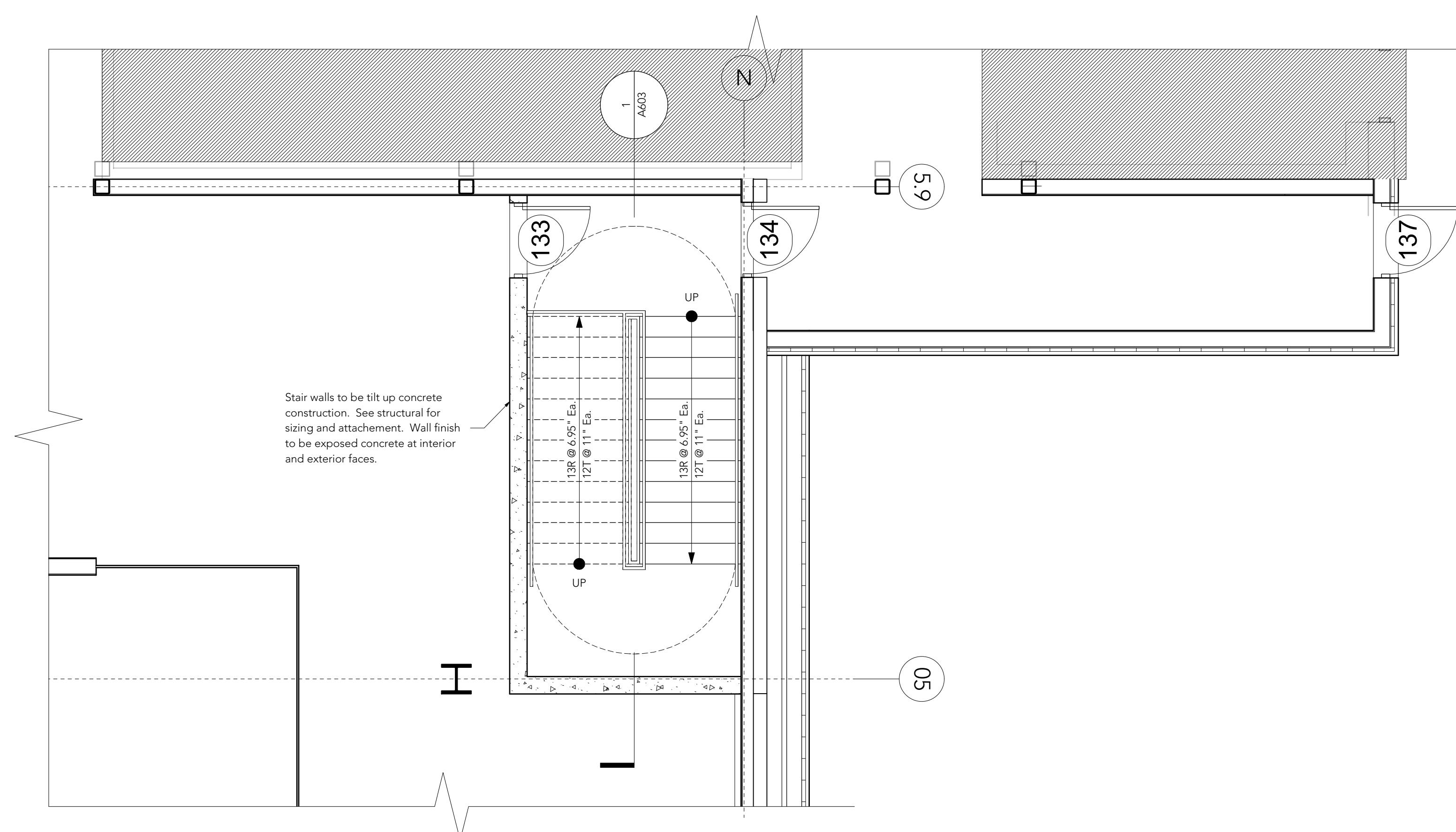
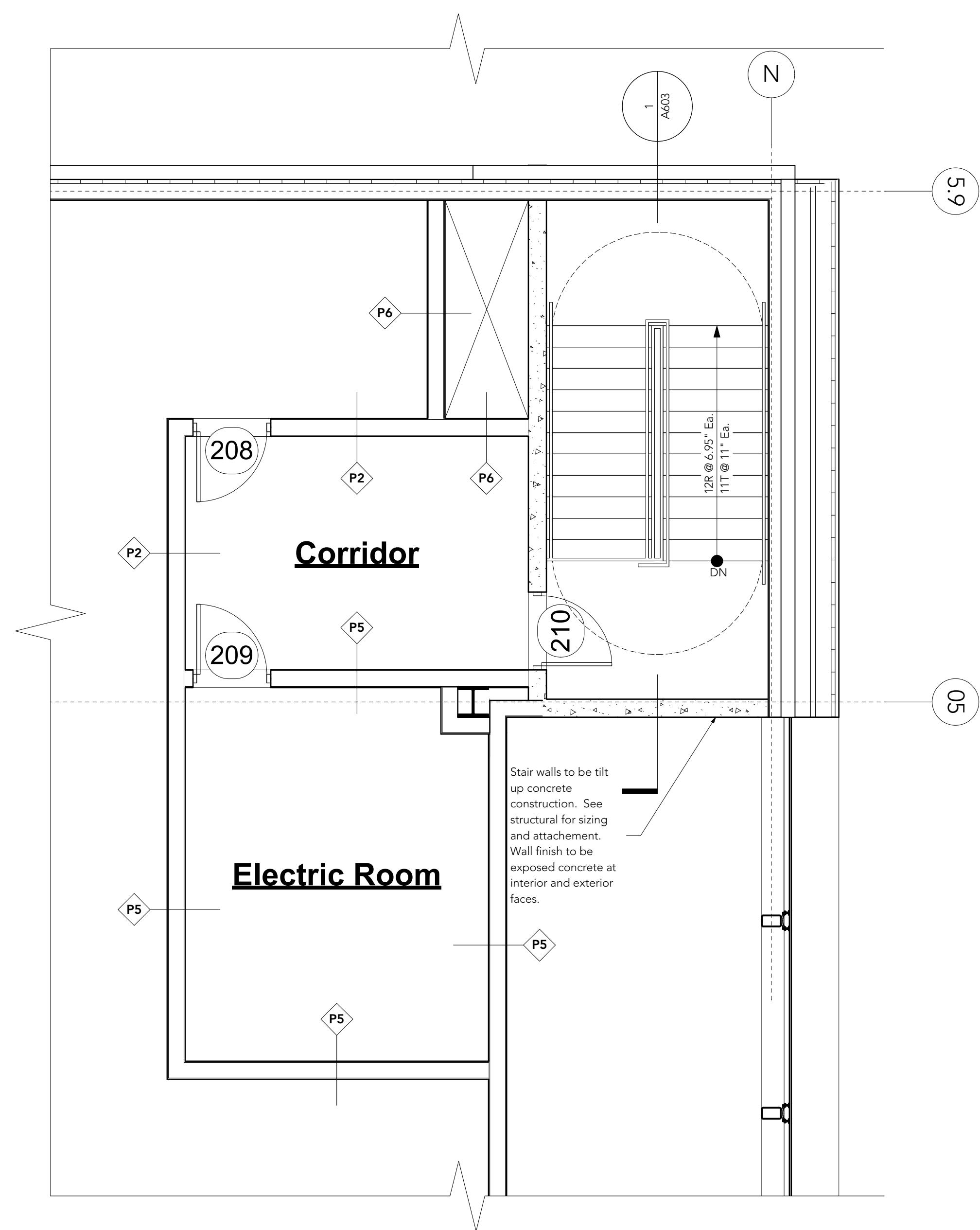


Stair 2 @ 1st Floor
A602
Scale: 1/4" = 1'-0"

Stair 2 @ Cellar
A602
Scale: 1/4" = 1'-0"

Stair 2 Section
A602
Scale: 1/4" = 1'-0"







The M Group
Architects +
Interior Architects

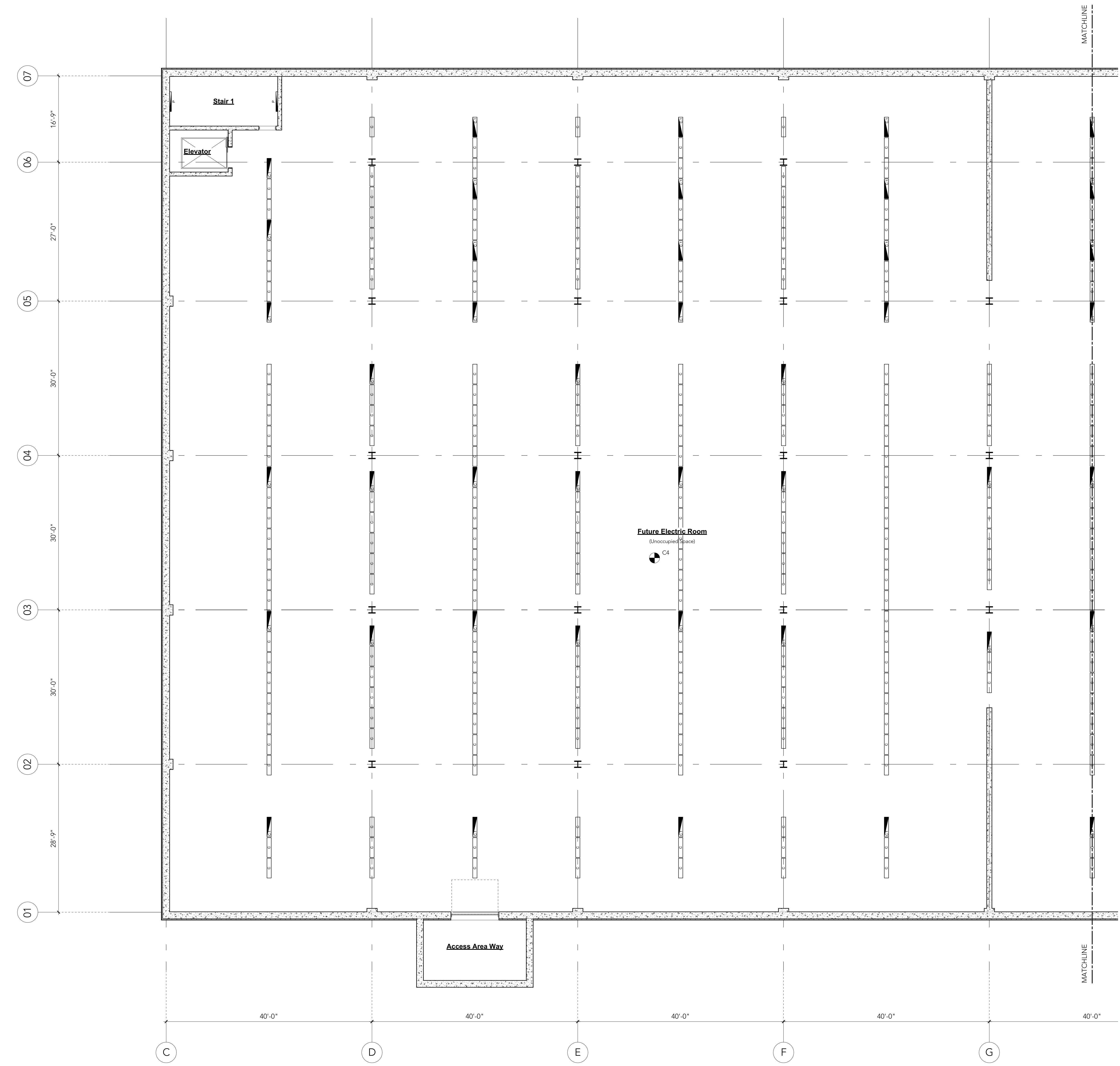
12353m Sunrise Valley Drive
Reston, Virginia 20191
703.448.8786
mgrouparchitects.com

Cyxtera - DC7

New Cellar Floor RCP West

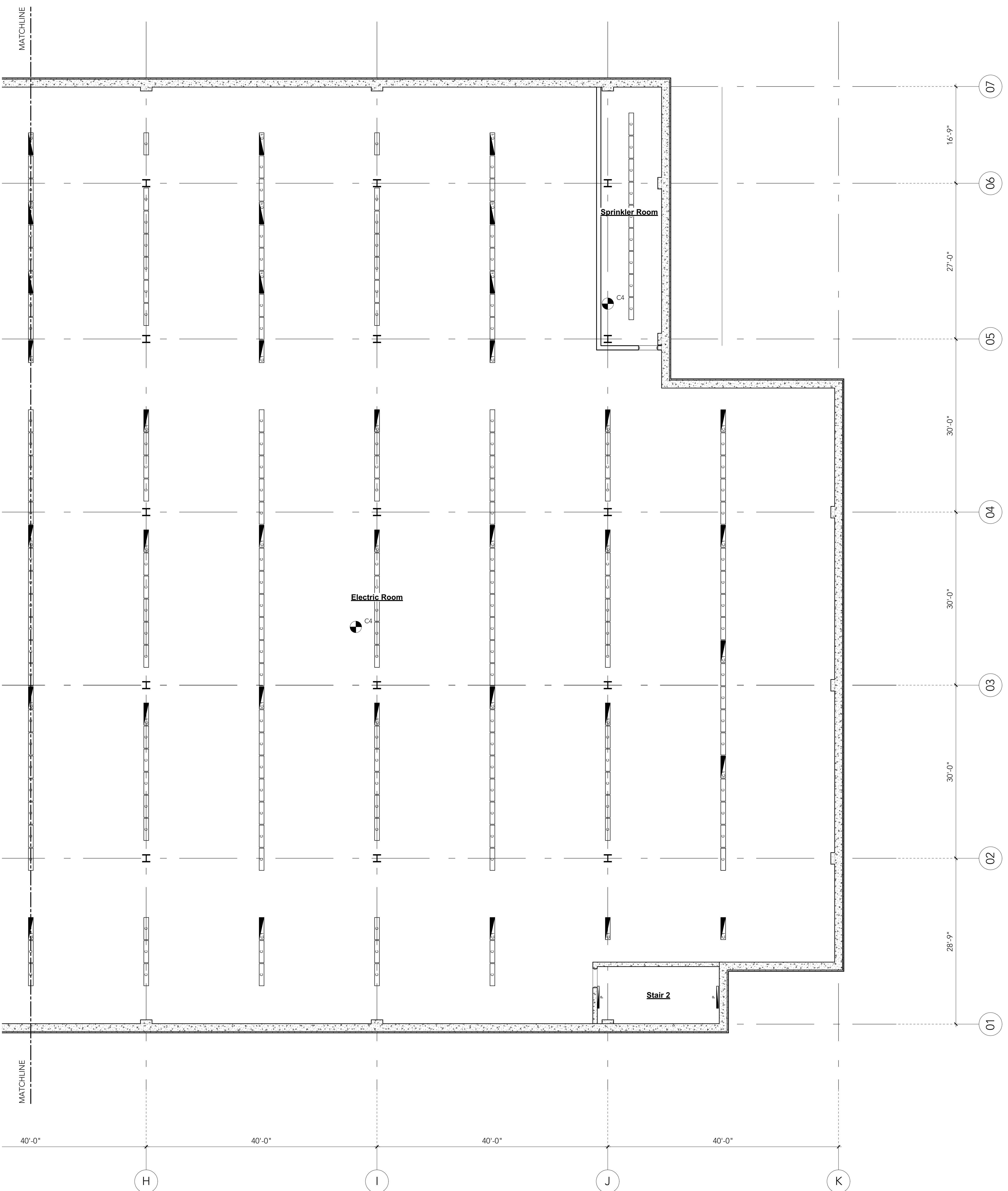
Permit Set 02-12-2019
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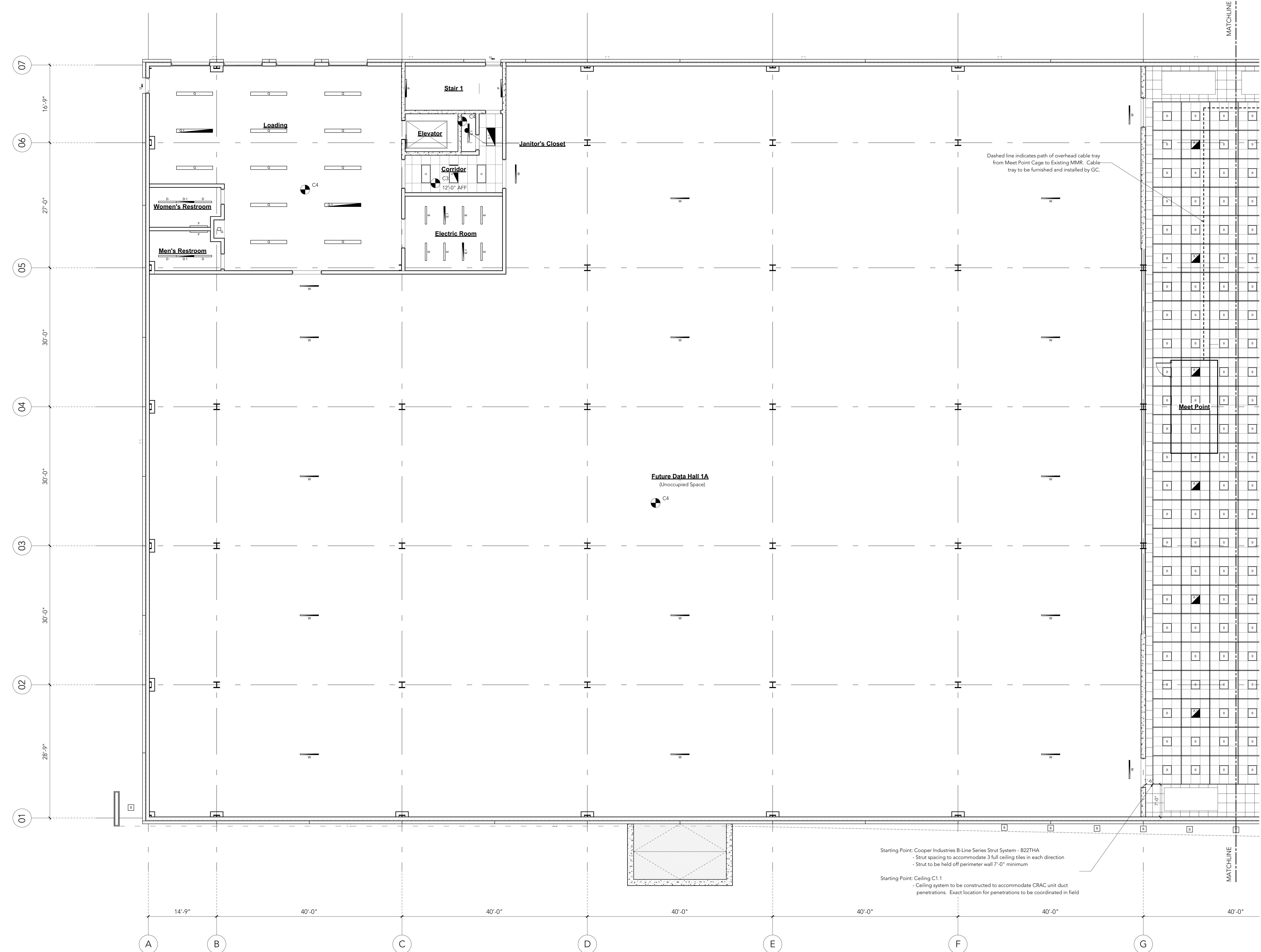
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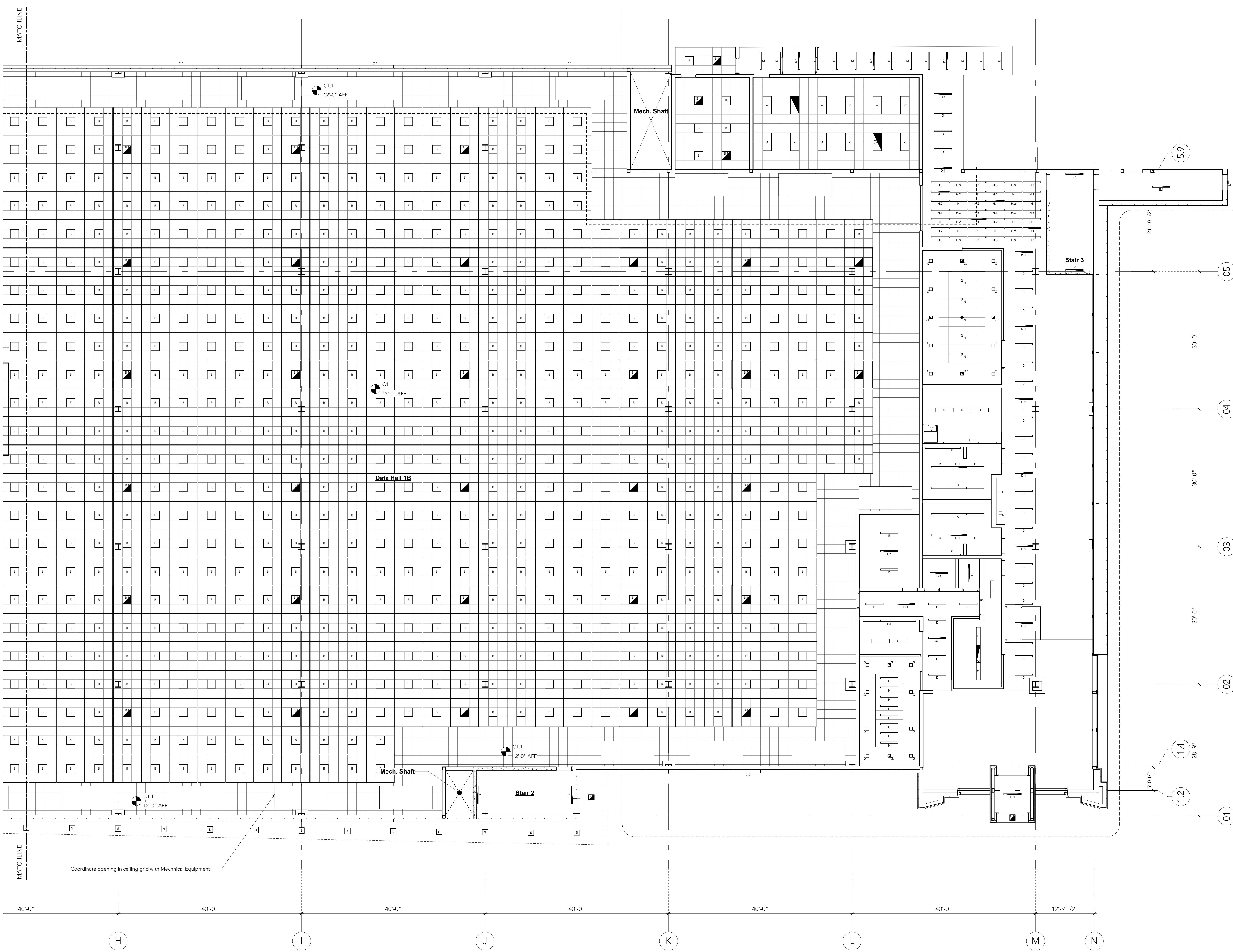


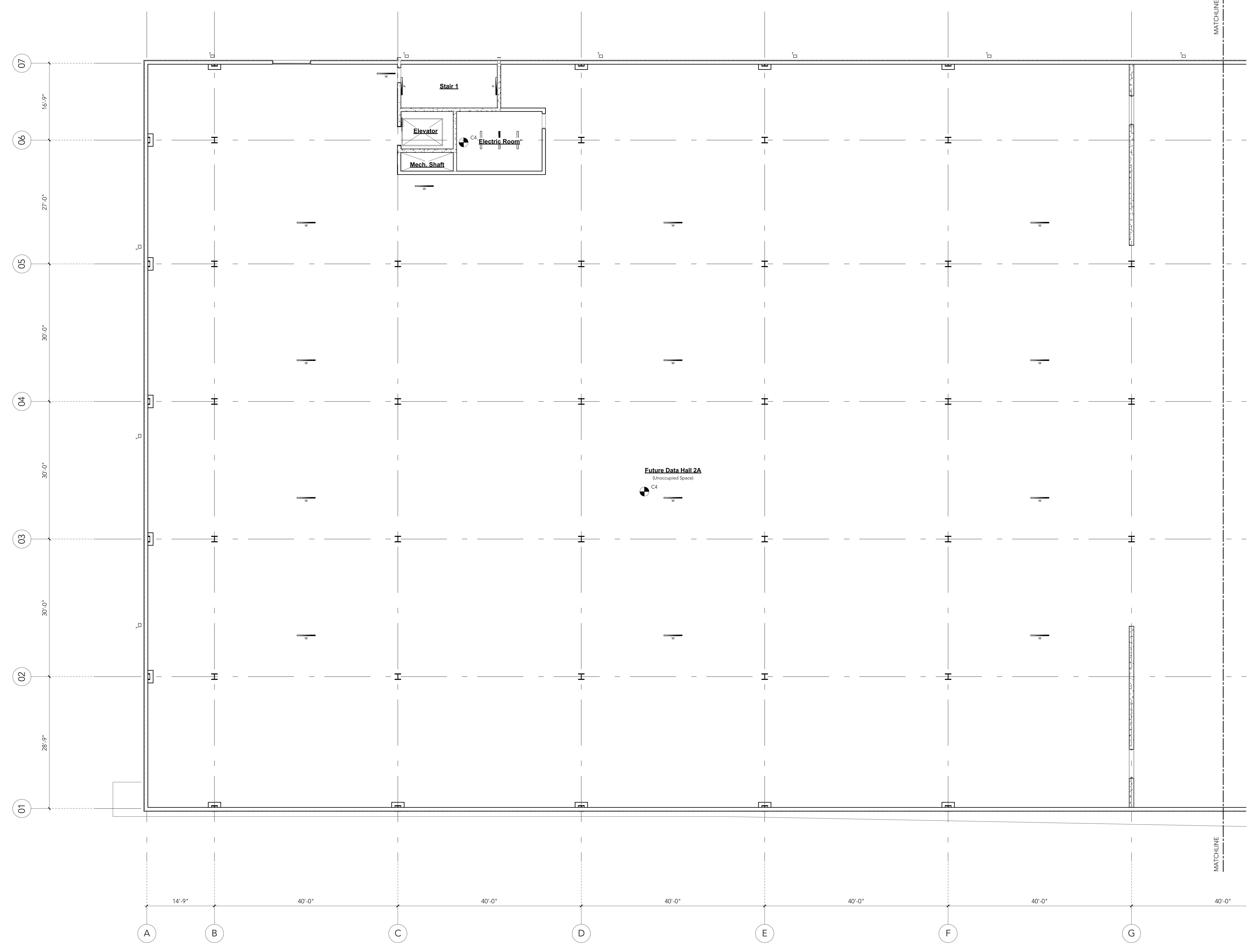
1 NEW CELLAR REFLECTED CEILING PLAN WEST
A101A Scale: 1/8" = 1'-0"

A700A

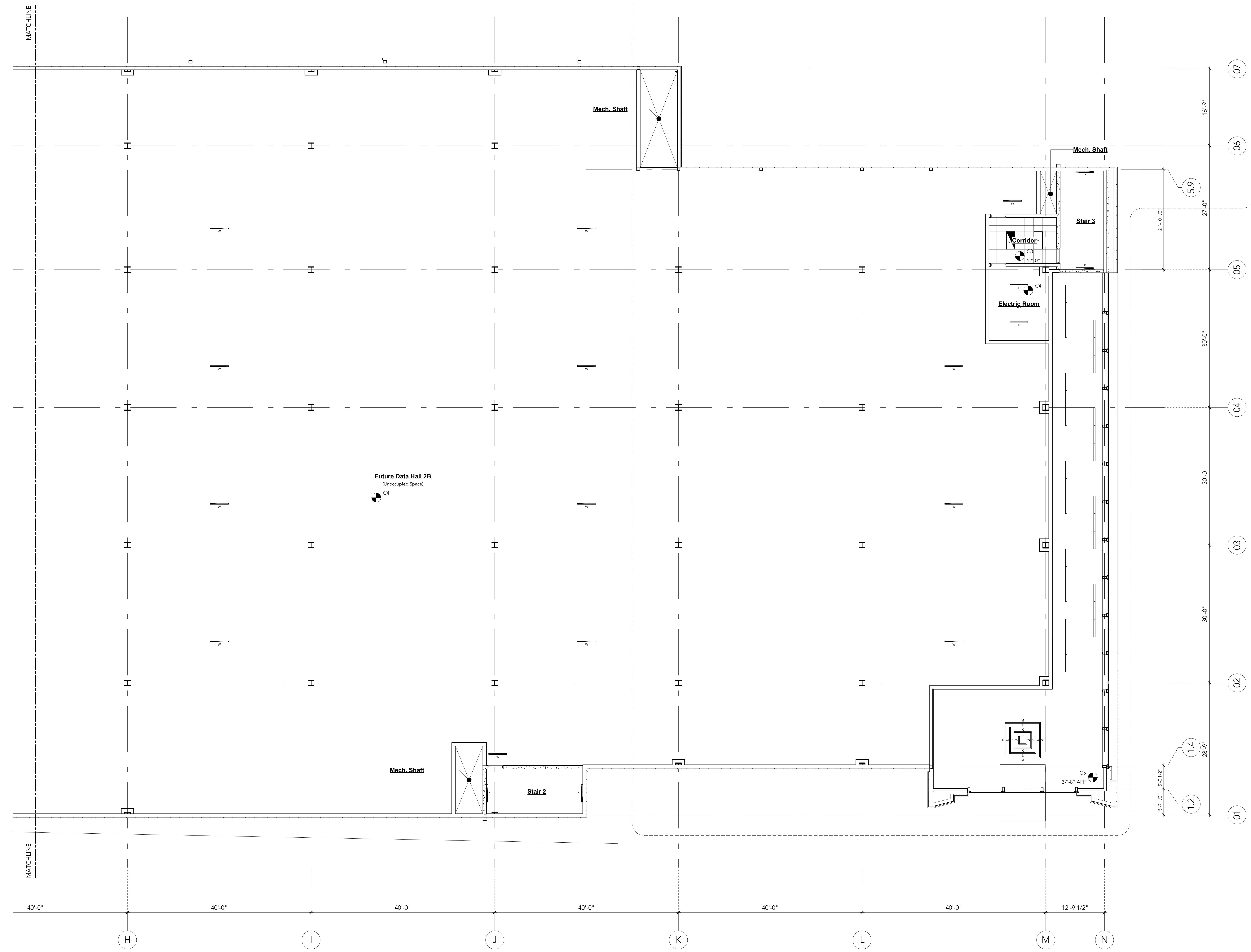




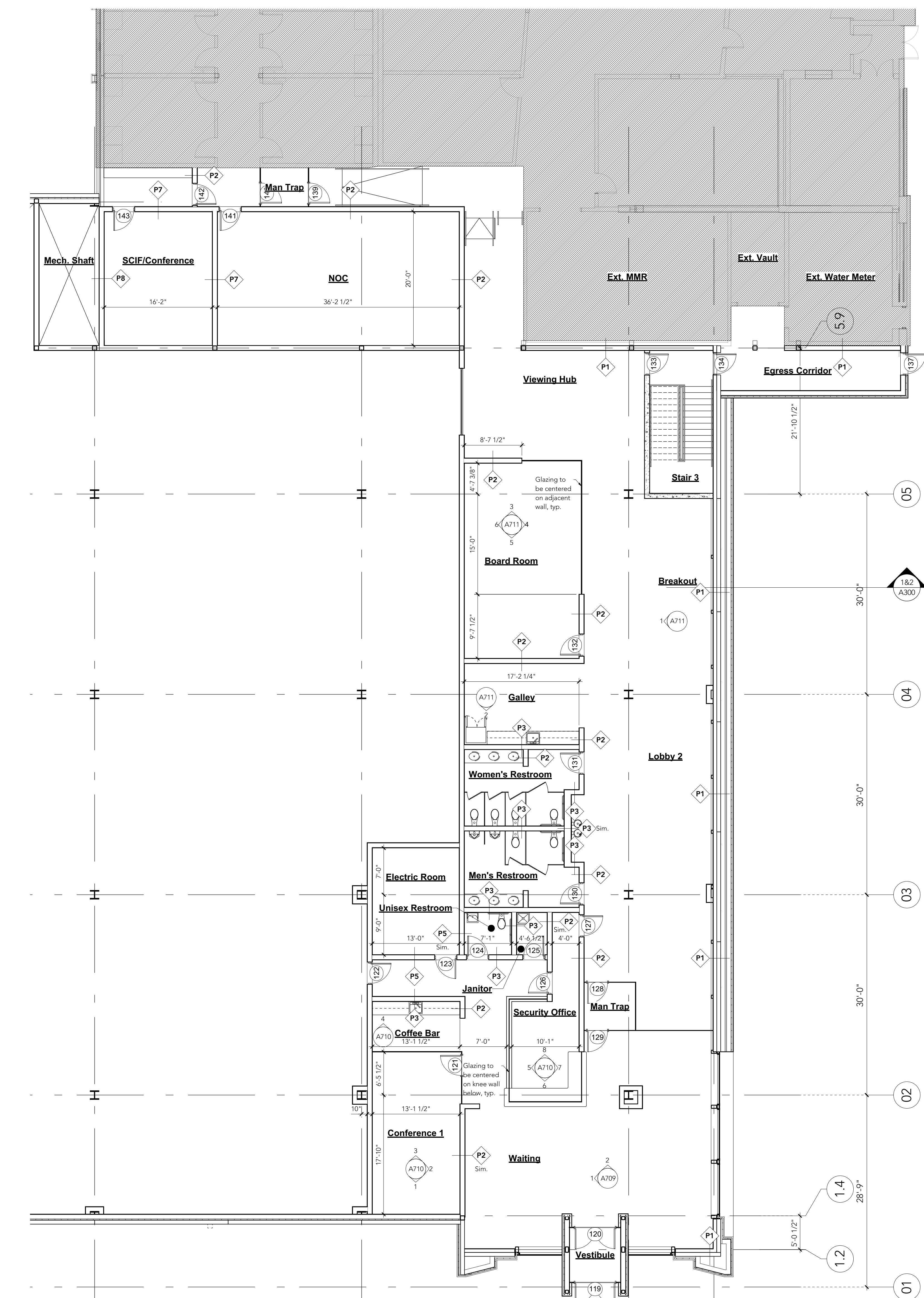
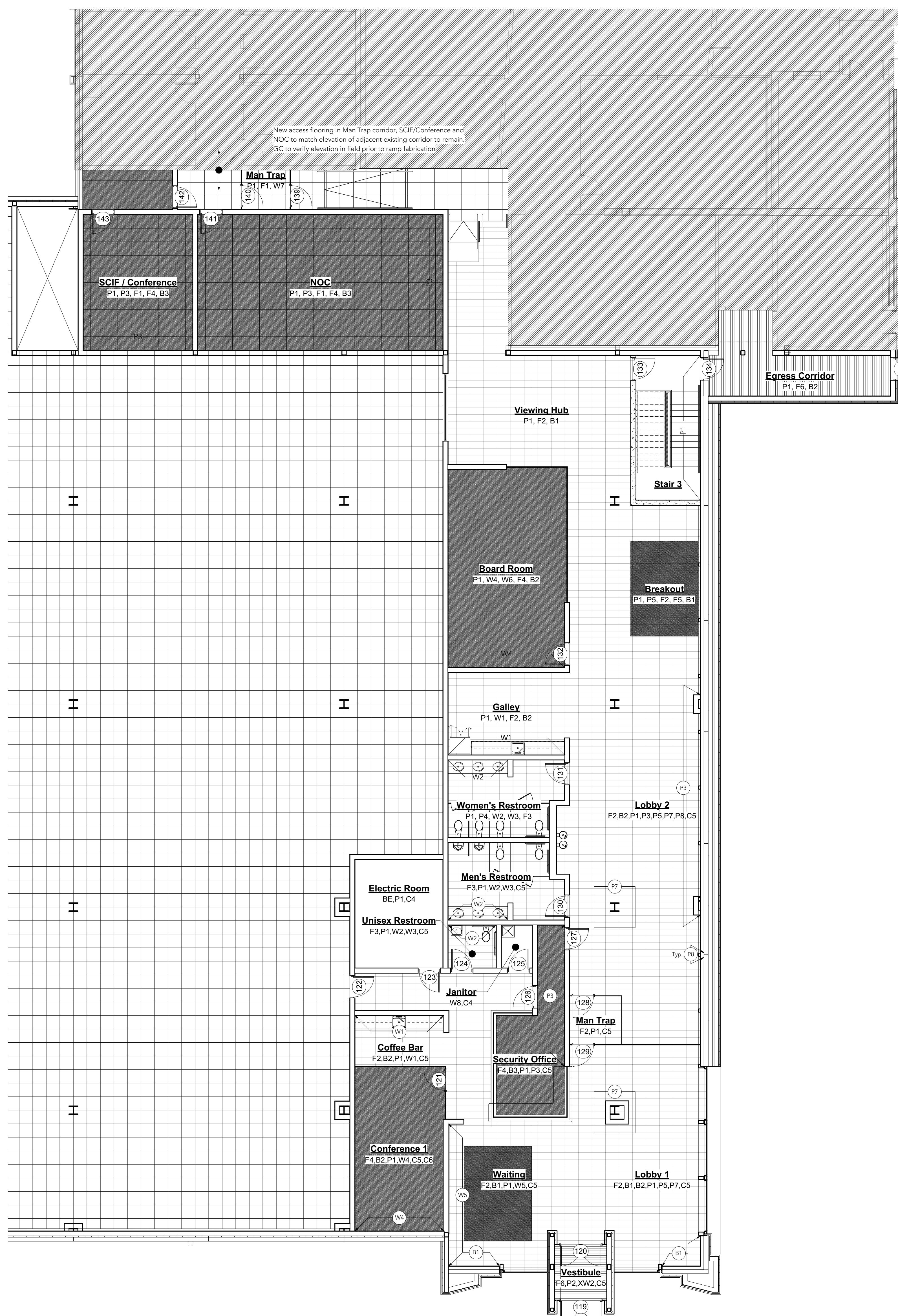




NEW 2ND FLOOR REFLECTED CEILING PLAN WEST
A105A Scale: 1/8" = 1'-0"



1 NEW 2ND FLOOR REFLECTED CEILING PLAN EAST
A105B
Scale: 1/8" = 1'-0"

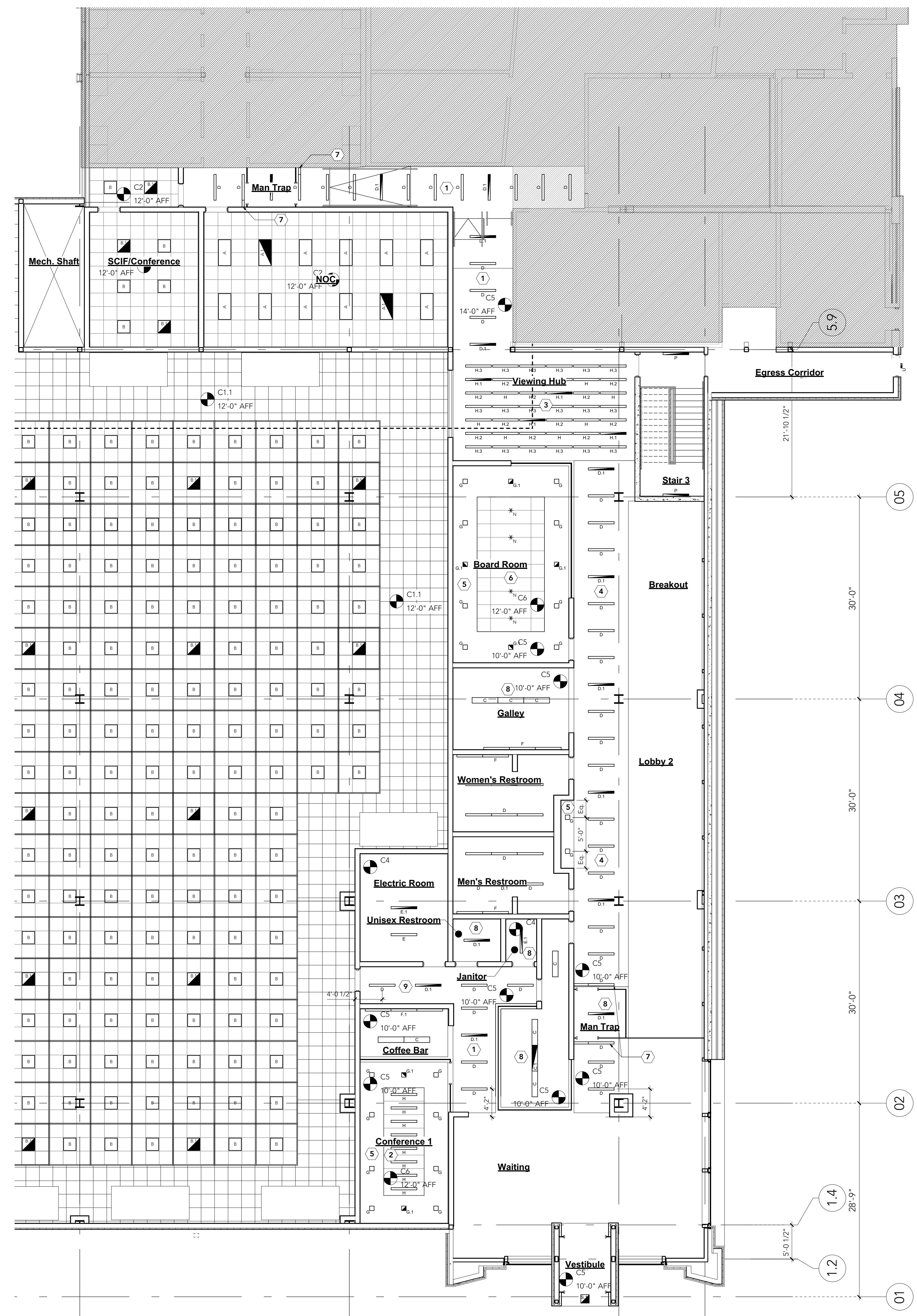


Light Fixture Schedule

NOTE: See Electrical drawings for additional information on light fixture specifications.

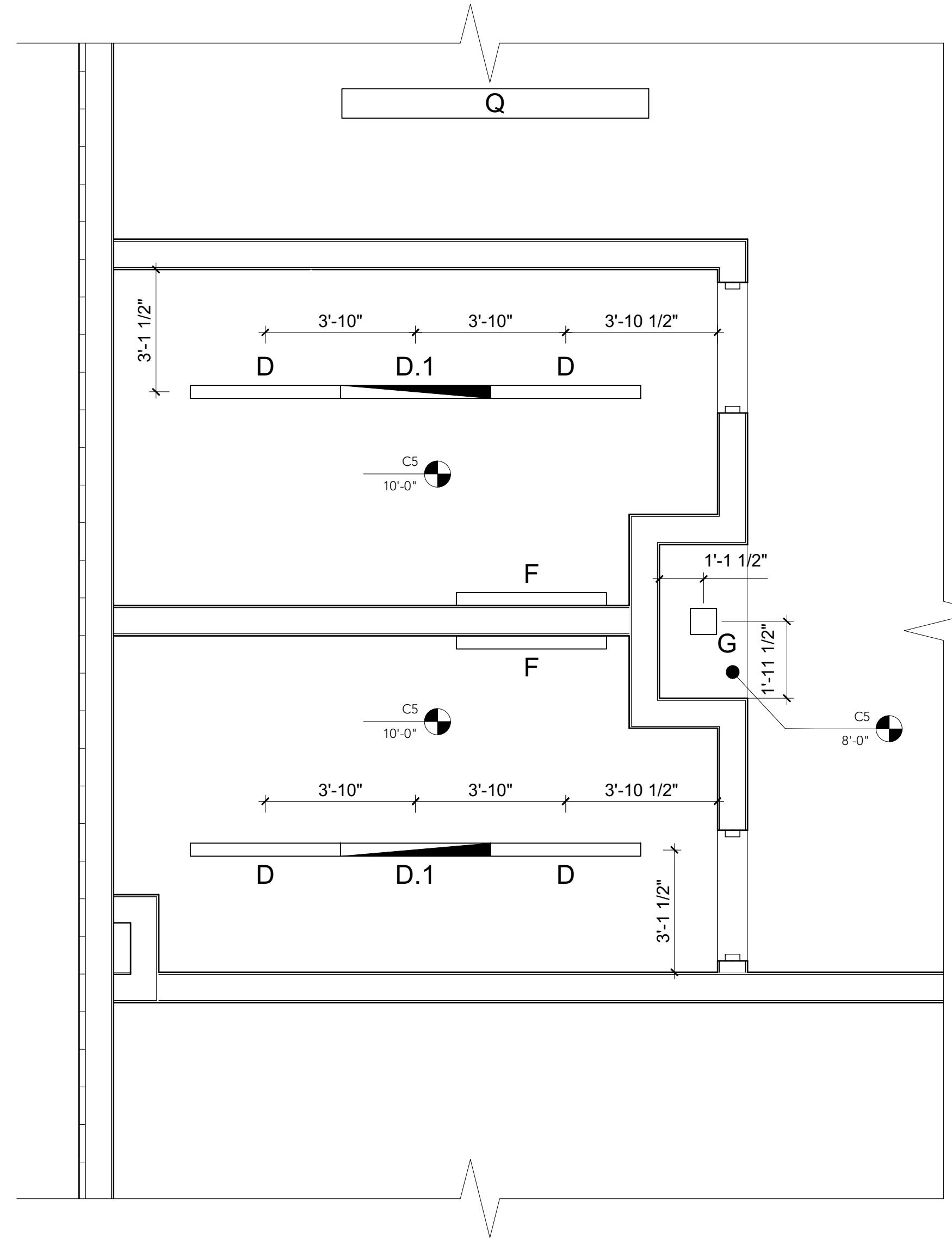
All Fixtures indicated (EM) shall be on dedicated UPS circuit

Type	Manufacturer	Model	Finish	Temperature	Mounting Height	Notes
A 2'-0" x 4'-0" Lay-In Fixture	Eaton - Cooper Industries	Corelite - Divide DRI DRI-WD-5L35-UNV-24-T1-STD	White	3500 K	Lay-In Ceiling Grid 12'-0" AFF	Occupancy sensor controls
A.1 2'-0" x 4'-0" Lay-In Fixture (EM)	Eaton - Cooper Industries	Corelite - Divide DRI DRI-WD-5L35-UNV-24-T1-STD	White	3500 K	Lay-In Ceiling Grid 12'-0" AFF	Occupancy sensor controls See RCP for select locations of EM fixtures and desired run lengths
B 2'-0" x 2'-0" Lay-In Fixture	Eaton - Cooper Industries	Corelite - Divide DRI DRI-WD-3L35-UNV-22-T1-STD	White	3500 K	Lay-In Ceiling Grid 12'-0" AFF	Occupancy sensor controls
B.1 2'-0" x 2'-0" Lay-In Fixture (EM)	Eaton - Cooper Industries	Corelite - Divide DRI DRI-WD-3L35-UNV-22-T1-STD	White	3500 K	Lay-In Ceiling Grid 12'-0" AFF	Occupancy sensor controls See RCP for select locations of EM fixtures and desired run lengths
C 1'-0" x __ Suspended Fixture	Eaton - Cooper Industries	Corelite - Divide DS1 DRI-WD-3L35-LD2-1D-UNV-AC48-ST 4-STD-S	Silver	3500 K	12'-0" AFF @ Cellar 8'-0" AFF @ 1st Floor	Occupancy sensor controls See RCP for desired run lengths
C.1 1'-0" x __ Suspended Fixture (EM)	Eaton - Cooper Industries	Corelite - Divide DS1 DRI-WD-3L35-LD2-1D-UNV-AC48-S T4-STD-S	Silver	3500 K	12'-0" AFF @ Cellar 8'-0" AFF @ 1st Floor	Occupancy sensor controls See RCP for select locations of EM fixtures and desired run lengths
D 4"x __ Recessed Fixture	Eaton - Cooper Industries	Neo-Ray - Define 4	White	3500 K	Fixture to be recessed in ceiling, see RCP for ceiling height	Daylight sensor controls
						See elevations for select continuous wall to ceiling run locations
D.1 4"x __ Recessed Fixture (EM)	Eaton - Cooper Industries	Neo-Ray - Define 4 S124DR-S795D835-FSR4FO-1E-UDD-F-W	White	3500 K	Fixture to be recessed in ceiling, see RCP for ceiling height	See RCP for select locations of EM fixtures See RCP for desired run lengths
E 4"x 4'-0" Pendant Fixture (EM)	Eaton - Cooper Industries	Neo-Ray - Define 4 S124DP-135-SC120-ST0048-1C-UED-1-W	White	3500 K	Bottom of Fixture 10'-0" AFF	Occupancy sensor controls
E.1 4"x 4'-0" Pendant Fixture (EM)	Eaton - Cooper Industries	Neo-Ray - Define 4 S124DP-135-SC120-ST0048-1-E-UED-1-W	White	3500 K	Bottom of Fixture 10'-0" AFF	Occupancy sensor controls
F 4"x __ Direct-Indirect Wall Mounted Fixture	Eaton - Cooper Industries	Neo-Ray-Define 4 S124DIW-UL0-LO35-XXXX-1D-UDD-1-S	Silver	3500 K	Bottom of fixture @ 8'-0" AFF	Occupancy sensor controls See elevations for desired run lengths
G 6" Recessed Downlight	Eaton - Cooper Industries	Portfolio	Matte White	3500 K	Fixture to be recessed in ceiling, see RCP for ceiling height	
						LDSQ6B15D010- EU6B-1020-90-35-6LB-SQ-0-LI-MW-P RSQ6
G.1 6" Recessed Downlight (EM)	Eaton - Cooper Industries	Portfolio	Matte White	3500 K	Fixture to be recessed in ceiling, see RCP for ceiling height	See RCP for select locations of EM fixtures
						LDSQ6B15D010- EU6B-1020-90-35-6LB-SQ-0-LI-MW-P RSQ6
H 2.72" x 4'-0" Suspended Direct Lit Baffle Fixture	Coronet	LS1-STFU	LightGray	3500 K	Bottom of Baffle to be at 10'-0" AFF	
						LTG1-LS-STFU-4-35-LTG1-UNV-DB-W-04-ACC-SD
H.1 2.72" x 4'-0" Suspended Direct Lit Baffle Fixture (EM)	Coronet	LS1-STFU	LightGray	3500 K	Bottom of Baffle to be at 10'-0" AFF	See RCP for select locations of EM fixtures
						LTG1-LS-STFU-4-35-LTG1-UNV-DB-W-04-ACC-SD
H.2 2.72" x 4'-0" Suspended Un-Lit Baffle	Coronet	LS1-STFU	Matte Gray	N/A	Bottom of Baffle to be at 10'-0" AFF	
						4
H.3 2.72" x 4'-0" Suspended Un-Lit Baffle	Coronet	LS1-STFU	Dark Blue	N/A	Bottom of Baffle to be at 10'-0" AFF	
						29
J 2.5" x 21.5" Suspended Fixture	Light Art	Slim Beams Small	White	3500 K	See Elevation	Custom Cable Lengths Needed Power cord to be Silver
K 2.5" x 45" Suspended Fixture	Light Art	Slim Beams Medium	White	3500 K	See Elevation	Custom Cable Lengths Needed Power cord to be Silver
L 2.5" x 69" Suspended Fixture	Light Art	Slim Beams Large	White	3500 K	See Elevation	Custom Cable Lengths Needed Power cord to be Silver
M 2.5" x 93" Suspended Fixture	Light Art	Slim Beams X-large	White	3500 K	See Elevation	Custom Cable Lengths Needed Power cord to be Silver
N Decorative Pendant Fixture	Light Art	Acoustic Echo 35' - 12 Fin Style B	Armor	3500 K	Bottom of Fixture 8'-0" AFF	
P Direct-Indirect Wall Mounted Fixture	Eaton - Cooper Industries	Corelite - Divide DWI DWI-WD-3L35-1E-UNV-SU-WA-4-ST D-S	Silver	3500 K	Bottom of Fixture 9'-0" AFF	Unless Noted Otherwise
Q Loading	Eaton - Cooper Industries	Metalux	White	3500 K	Bottom of Fixture 16'-0" AFF	GC to coordinate accessories necessary for pendant mounting
Q.1 Loading (EM)	Eaton - Cooper Industries	Metalux	White	3500 K	Bottom of Fixture 16'-0" AFF	GC to coordinate accessories necessary for pendant mounting
						See RCP for select locations of EM fixtures
R Exterior Cove	Tivoli	Coveum Outdoor (Litebar CLL-LB-C-35-CS-MF-4-PSU	N/A	3500 K	N/A	Owner to specify desired light color
S Exterior Canopy	Eaton - Cooper Industries	McGraw-Edison LRC-B64-4-LED-E1-WST	Graphite Metallic	4000K	Fixture to be recessed in canopy panel	
S.1 Exterior Canopy (EM)	Eaton - Cooper Industries	McGraw-Edison LRC-B64-4-LED-E1-WST	Graphite Metallic	4000K	Fixture to be recessed in canopy panel	Light nearest egress doors to be on EM circuit
T Exterior Wall Packs	Eaton - Cooper Industries	XTOR6B-W-BK-PC1	Lumark	4000K	See Elevations	Owner to confirm daylight sensor controls and/or time clock controls
T.1 Exterior Pole Mounted Fixture	Eaton - Cooper Industries	XTOR6B-W-BK-PC1-PMA	Lumark	4000K	To be coordinated in field	Owner to confirm switch location
U Exterior Egress Door	Eaton - Cooper Industries	Sure Lites - SELW SELW729B	Black	—	See Elevations	
V Exit Sign	Eaton - Cooper Industries	Sure Lites - TPX Series	Housing & Lettering Color/Finishes to Match Existing to Remain	N/A	—	See Egress Plans for Locations
W Stumble Lighting (EM)	Lithonia Lighting	Contractor Select CDS CDS L48 MVOLT DM 35K 80CRI WH	White	3500K	Bottom of fixture at 12'-0"	To be chain hung from structure
X Bollard Light	Bega	99058 K35	Black	3500K	Anchor to sidewalk	Anchorage Kit 79 817 to be provided by MFR
Y Custom Wall Mount Linear Fixture	KKDC	LINI-M XL RGBW	Black	3500K	Wall mount between wood slats as indicated in interior elevations	Provide Fresco 7TSN X DWH Lighting Control



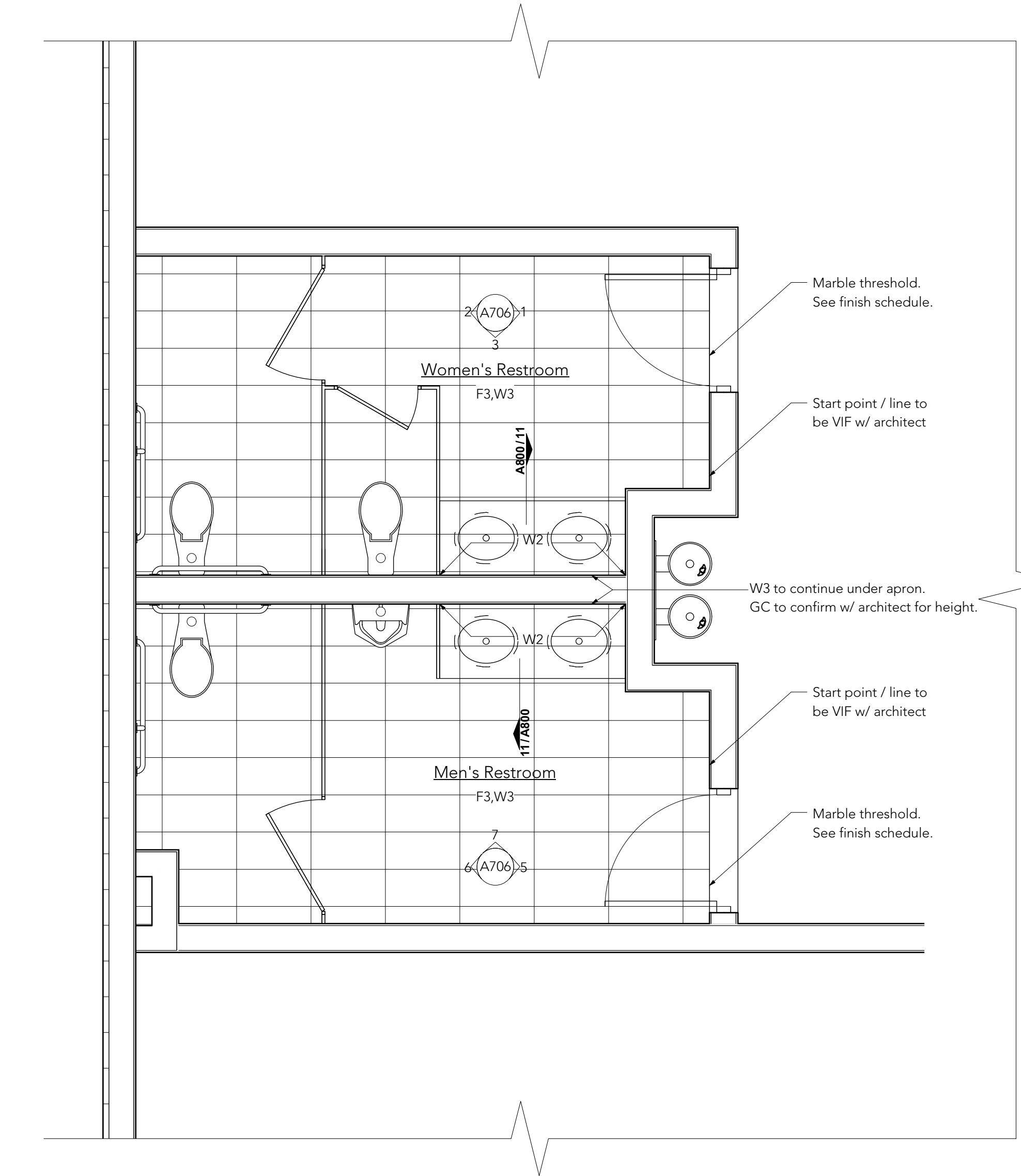
1st Floor Lobby Reflected Ceiling Plan

A703 Scale: 1/8" = 1'-0"

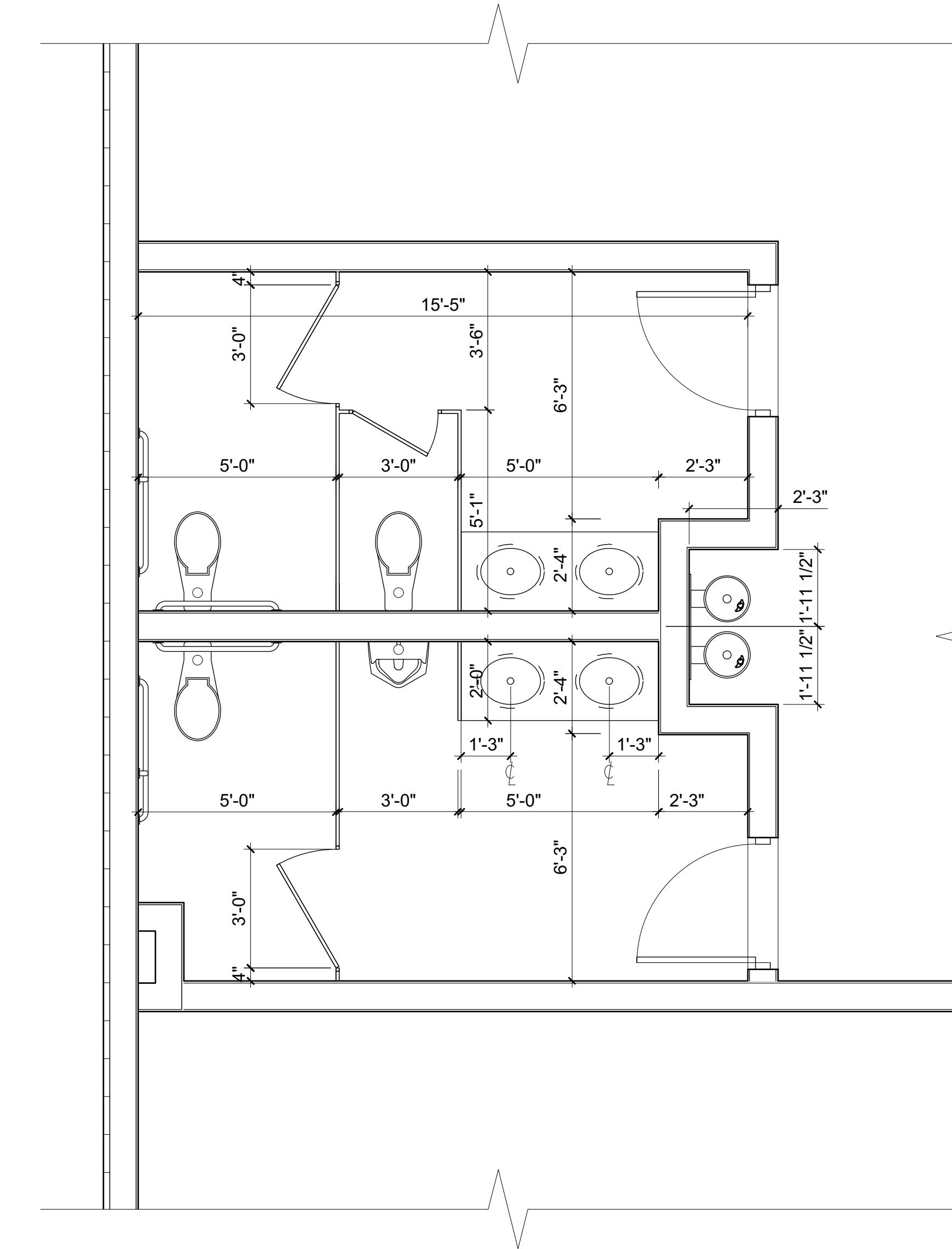


3 Loading Restroom Reflected Ceiling Plan

A705 Scale: 3/8" = 1'-0"



2 A705 Loading Restroom Finish Plans



1 A705 Loading Restroom Floor Plans

Scale: 3/8" = 1'-0"

Notes:

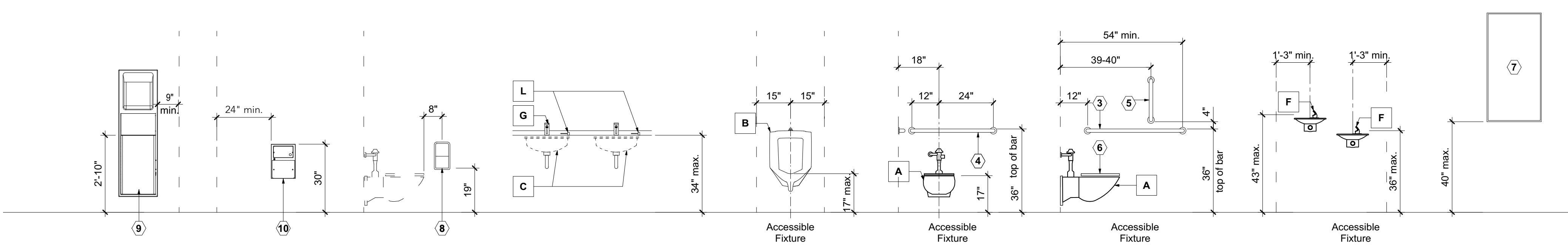
- See A704 for lighting fixture schedule, types, & heights AFF.
 - GC to coordinate alignment in ceiling with mechanical diffusers

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A705

MARK	DESCRIPTION	MANUF.	MODEL #	NOTES
1	Ceiling Hung Toilet Partitions	Hadrian	Standard Series	Type 304 #4 Brushed Stainless Steel Provide Barrier Free Lever Latches & Coat Hooks
2	Wall Mounted Urinal Partitions	Hadrian	Standard Series	Type 304 #4 Brushed Stainless Steel
3	Horizontal Grab Bar	Bobrick	B-5806 x 42	Stainless Steel
4	Horizontal Grab Bar	Bobrick	B-5806 x 36	Stainless Steel
5	Vertical Grab Bar	Bobrick	B-5806 x 18	Stainless Steel
6	Toilet Seat	Zurn	Z595SSS-EL	White
7	Framed Mirror	Bobrick	B-165-2448	Stainless Steel Frame
8	Toilet Tissue Dispenser	Bobrick	B-2888	Stainless Steel Mount at ADA Compliant Height
9	Papertowel Dispenser & Waste Receptacle	Bobrick	B-3944	Stainless Steel Mount at ADA Compliant Height
10	Surface Mounted Sanitary Napkin Disposal	Bobrick	B-270	Stainless Steel Mount at ADA Compliant Height



ADA Compliant Fixture Mounting Heights

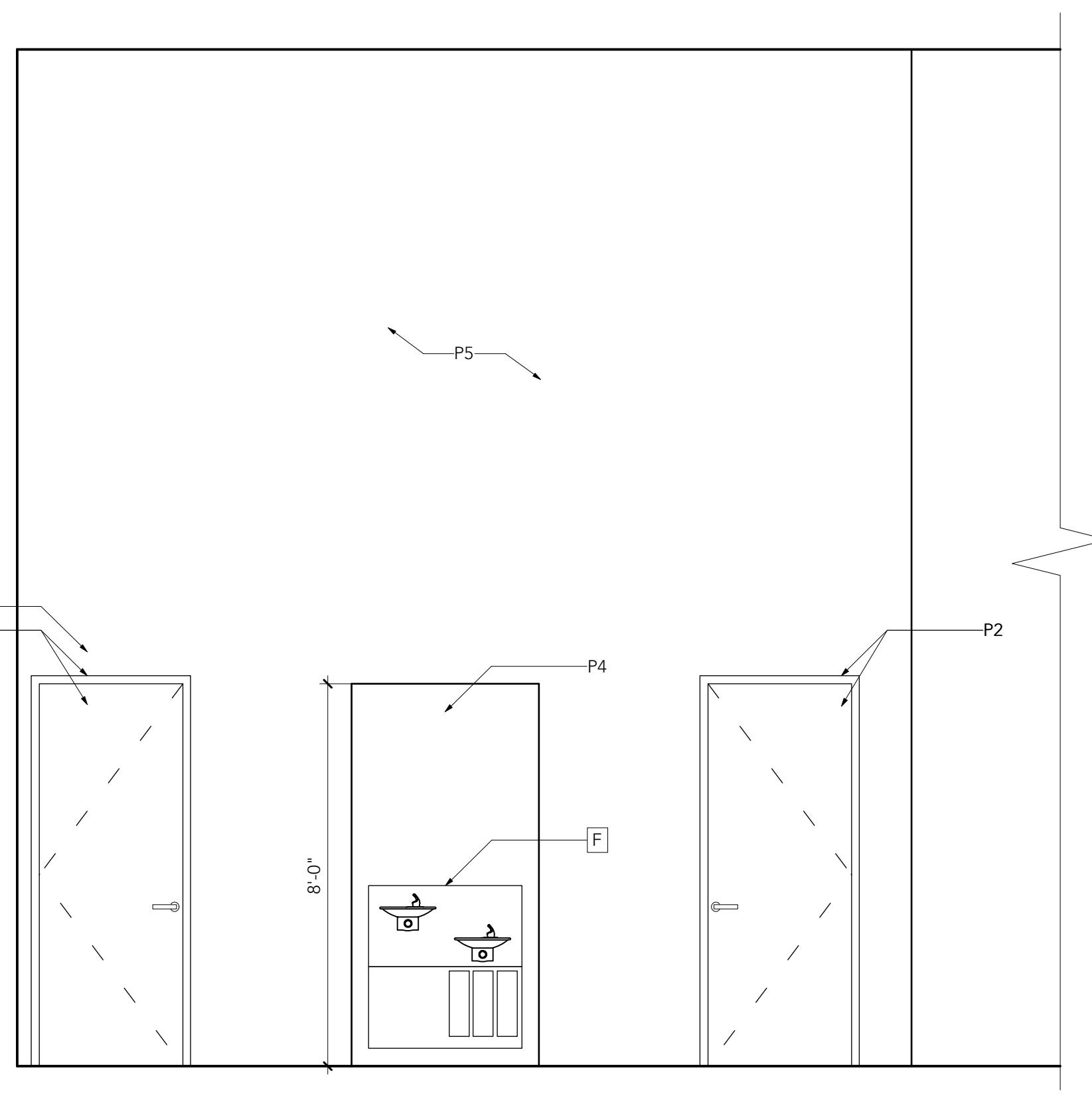
Scale: 3/8" = 1'-0"

Plumbing Fixture Schedule				
MARK	DESCRIPTION	MANUF.	MODEL #	NOTES
A	Wall Hung Toilet	Zurn	Z5615-BWL	Vitreous China - White
B	Wall Mounted Urinal	Kohler	K-4991-ET	Vitreous China - White
C	Undermount Lavatory Sink	Kohler	K-2214-G	Ladena Bathroom Sink - White
D	Wall Mounted Lavatory Sink	Kohler	K-2035-1	Pinot - White Include K-2057 Bathroom Sink Shroud
E	Undermount Kitchen Sink	Kohler	K-3163	Undertone - Stainless Steel
F	Hi-Lo Drinking Fountain - Chilled	Elkay	LRPBM28K	SwiFlip Fountain Bi-Level ADA Filtered 8 GPM Stainless Includes Fountain, Chiller, Mounting Frame & Filter
G	Lavatory Faucet (For Undermount Lavatory Sink)	Kohler	K-T11840	Purist - Polished Chrome
H	Lavatory Faucet (For Wall Mounted LavatorySink)	Zurn	Z6930-XL	Chrome Plated
I	Kitchen Faucet	Kohler	K-22034	Simplice - Polished Chrome
J	Electronic Flush Valve (Toilet)	Zurn	ZEMS6153AV	
K	Electronic Flush Valve (Urinal)	Zurn	ZEMS6197AV	
L	Touchless Soap Dispenser (For Undermount Lavatory Sink)	Sloan	ESD-700-CP	Polished Chrome Finish
M	Touchless Soap Dispenser (For Wall Mounted Lavatory Sink)	Bobrick	B-2013	Stainless Steel
N	Mop Sink	Fiat	MSBIDTG2424	
O	Mop Sink Faucet	Fiat	830AA	

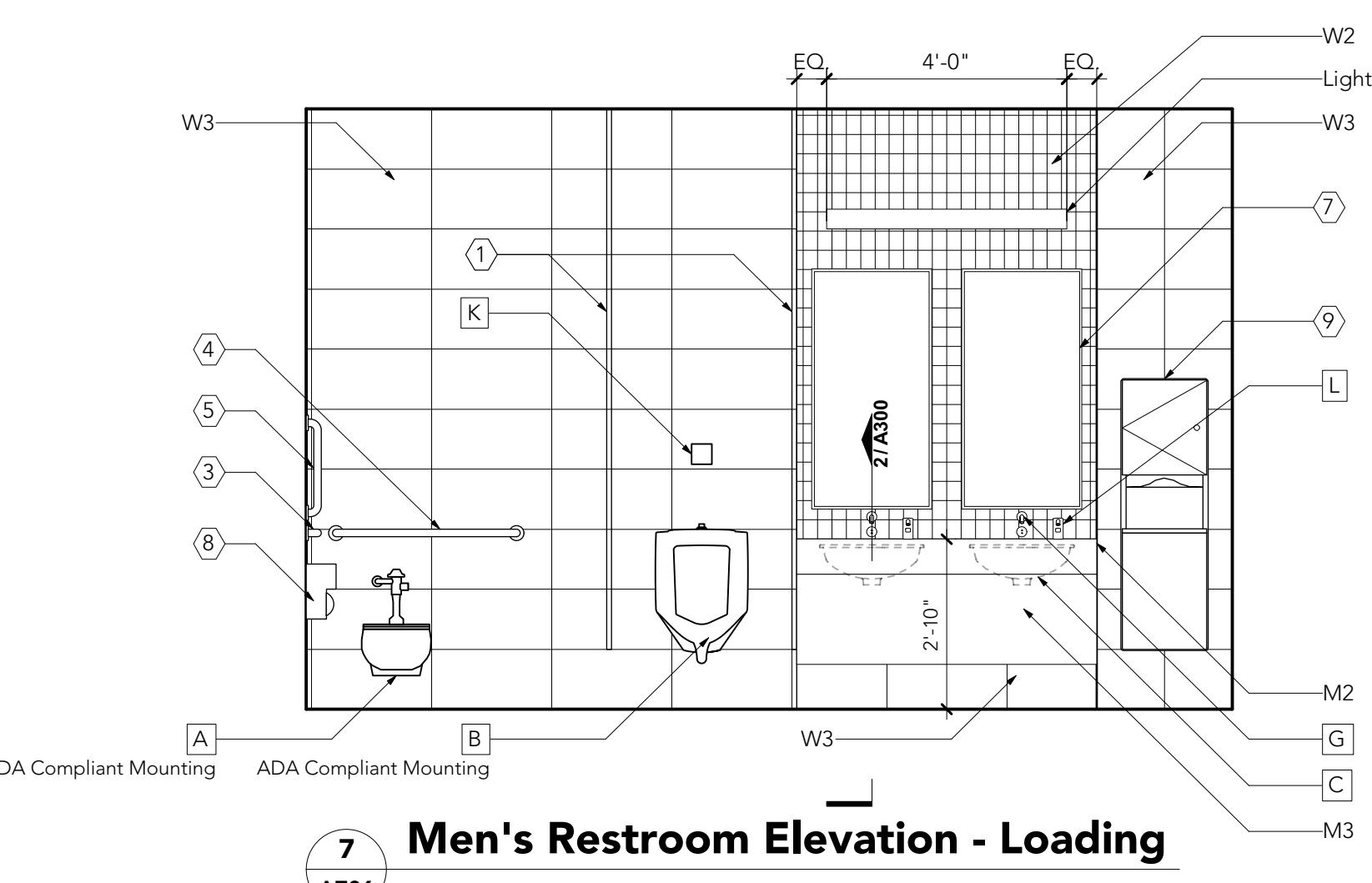
Cyxtexa - DC7

22995 Wilder Court
Sterling, VA 20166

Loading Restroom Elevations

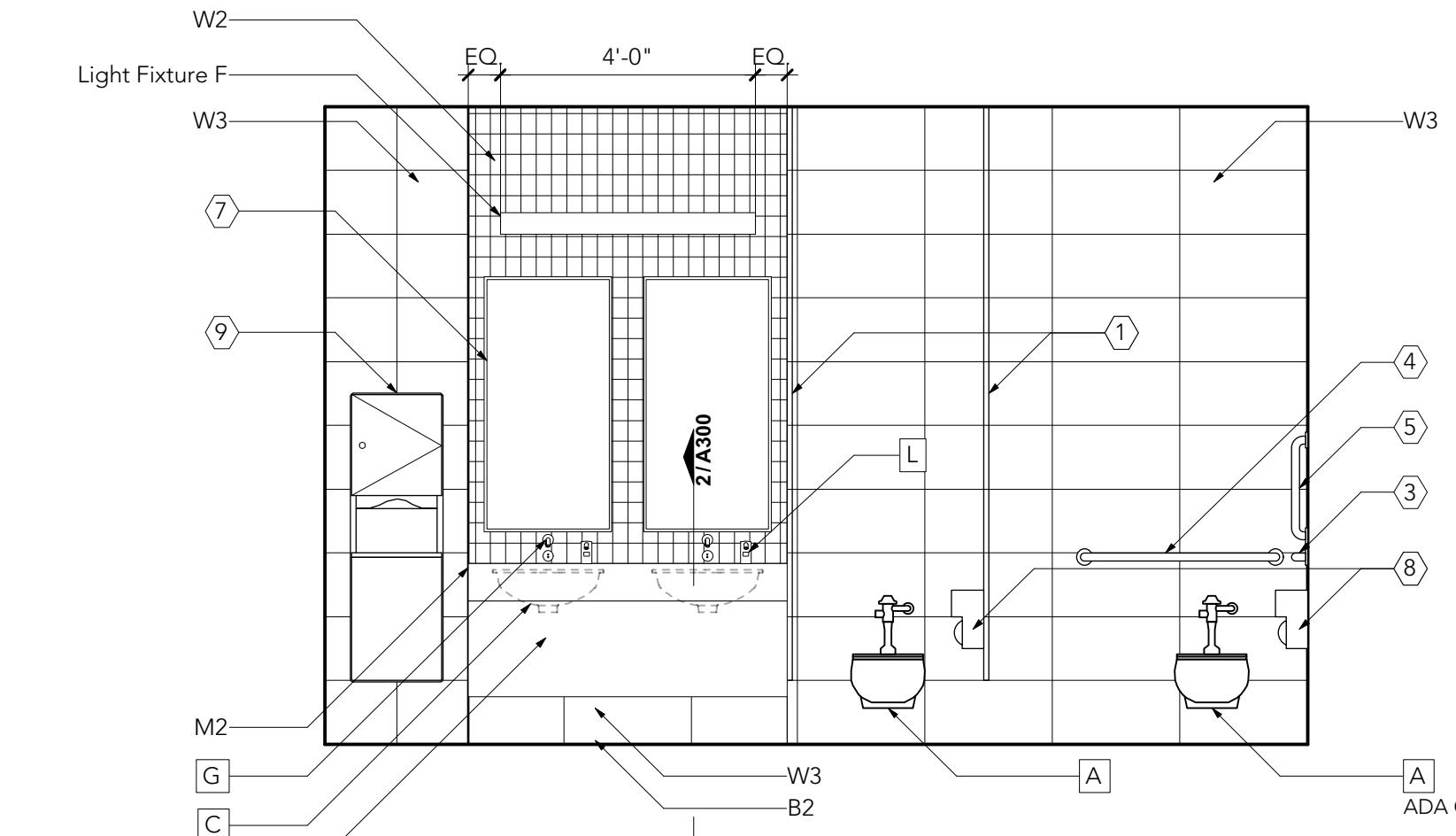


4 Restroom Entry Elevation - Loading
A706 Scale: 3/8" = 1'-0"



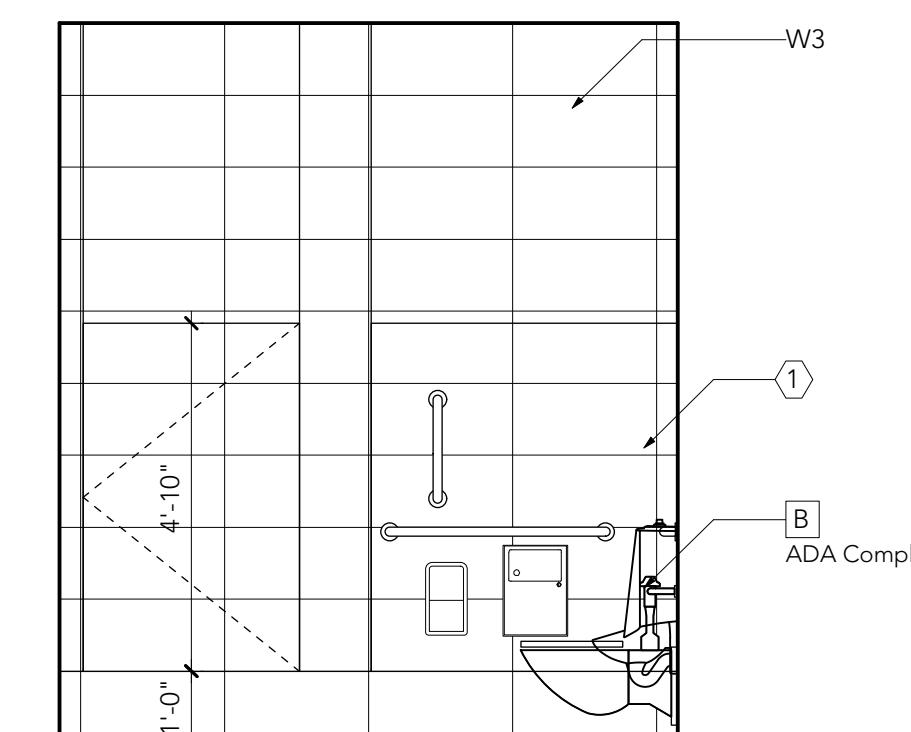
7 A706 Scale: 3/8" = 1'-0"

Note:
Align floor & wall tile joints.



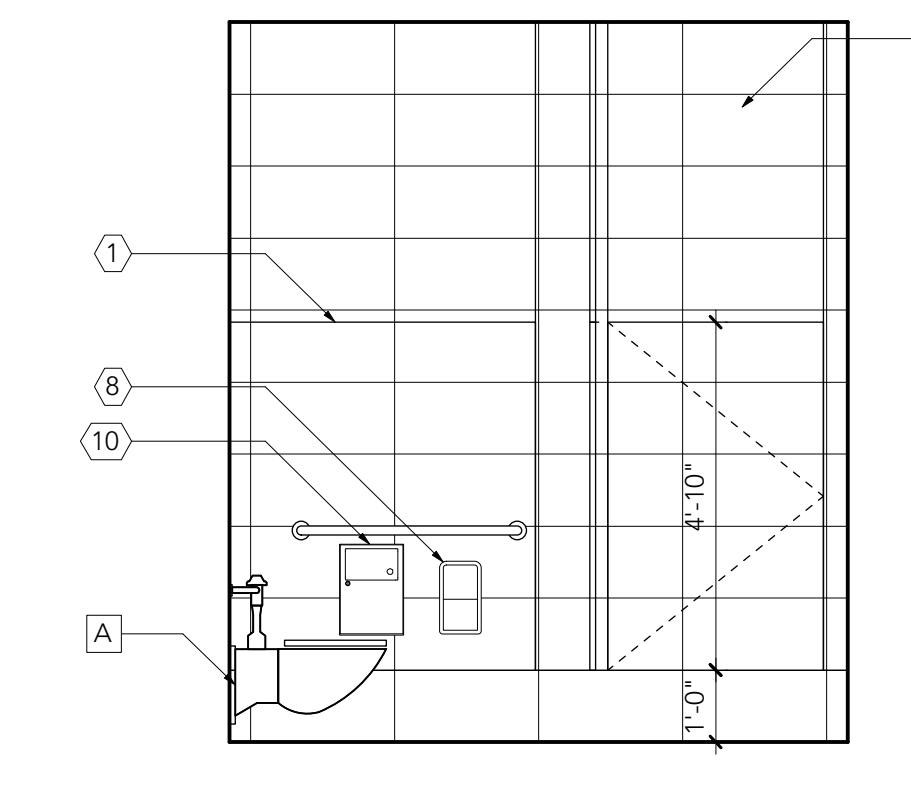
3 A706 Scale: 3/8" = 1'-0"

Note:
Align floor & wall tile joints.



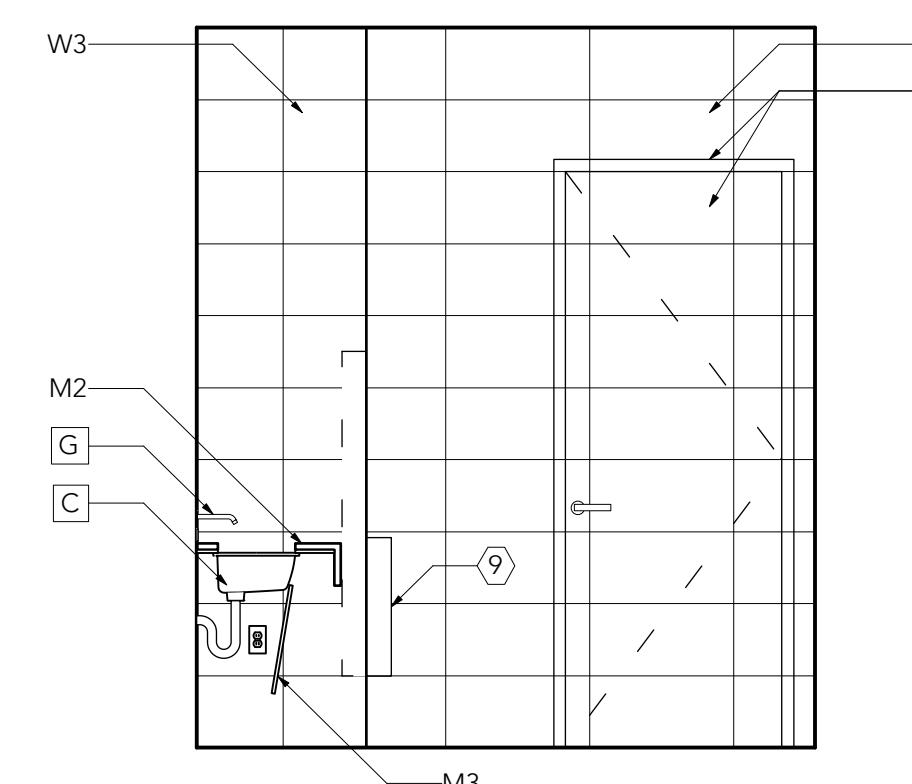
6 A706 Scale: 3/8" = 1'-0"

Note:
Align floor & wall tile joints.



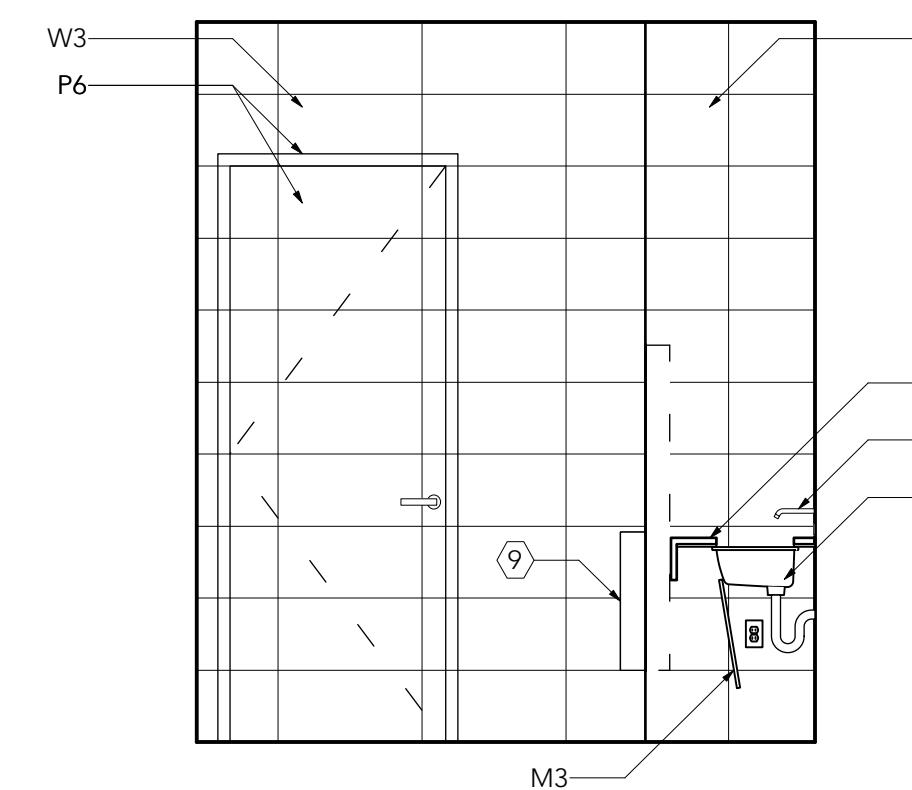
2 A706 Scale: 3/8" = 1'-0"

Note:
Align floor & wall tile joints.



5 A706 Scale: 3/8" = 1'-0"

Note:
Align floor & wall tile joints.

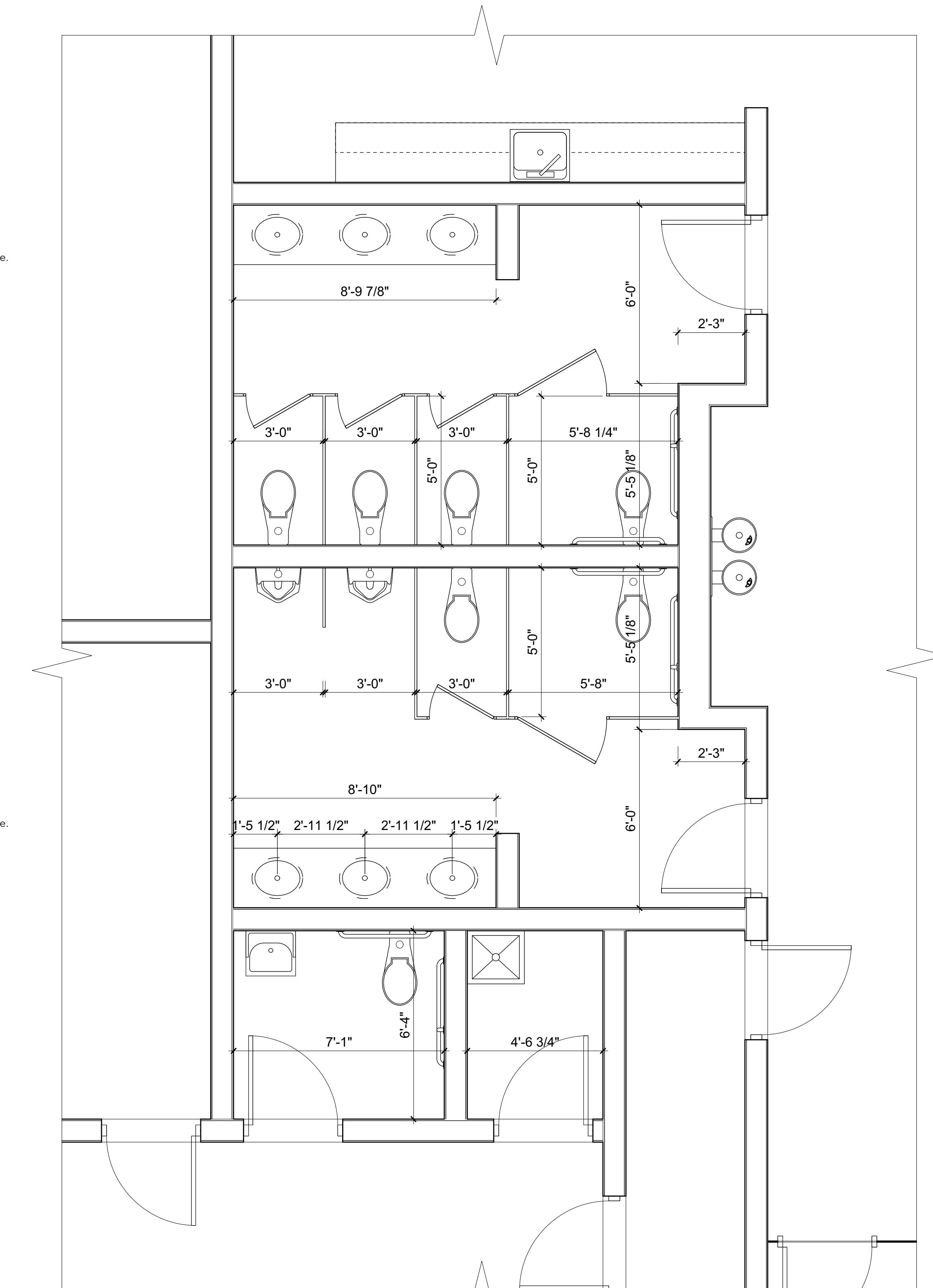
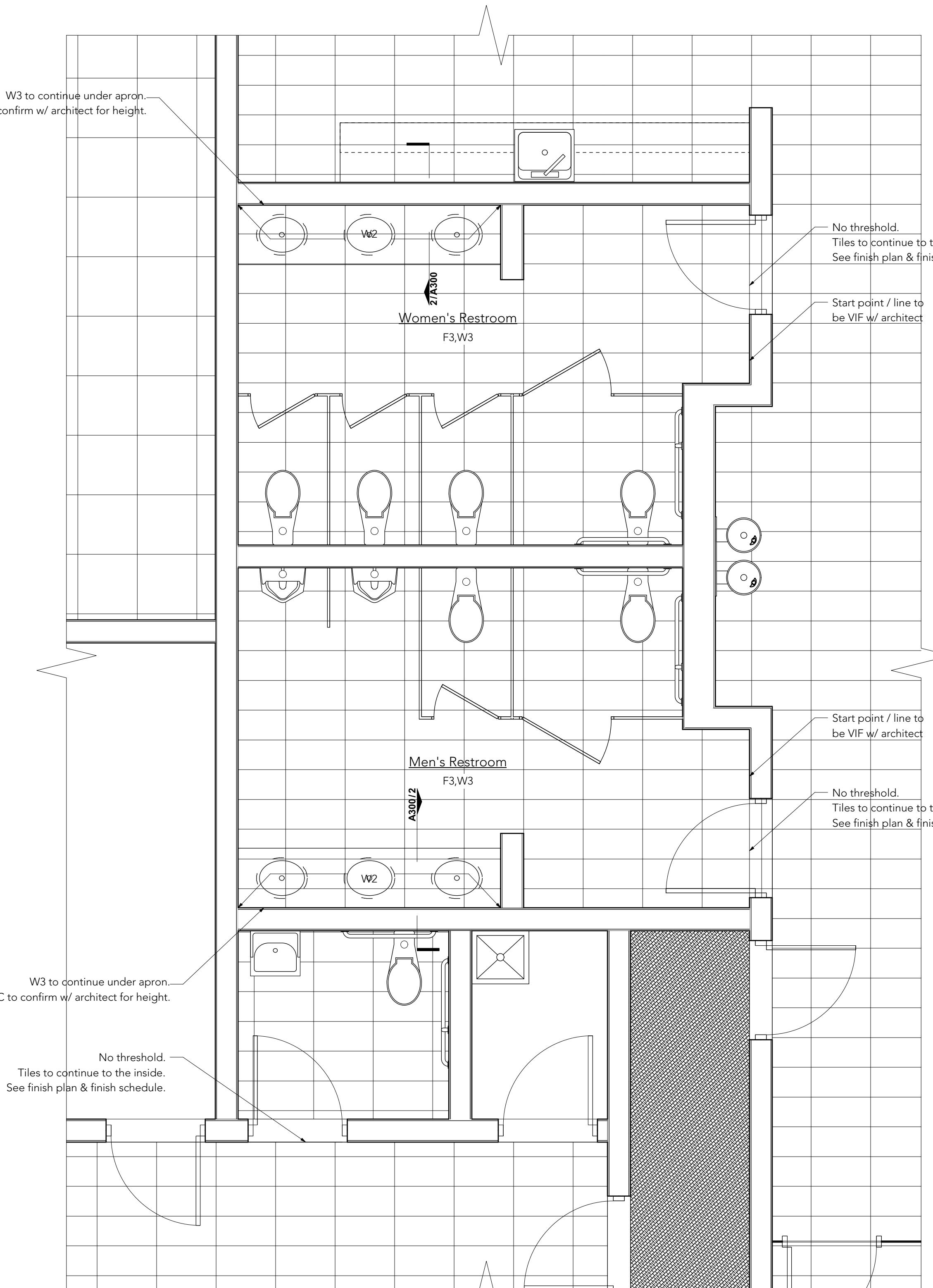
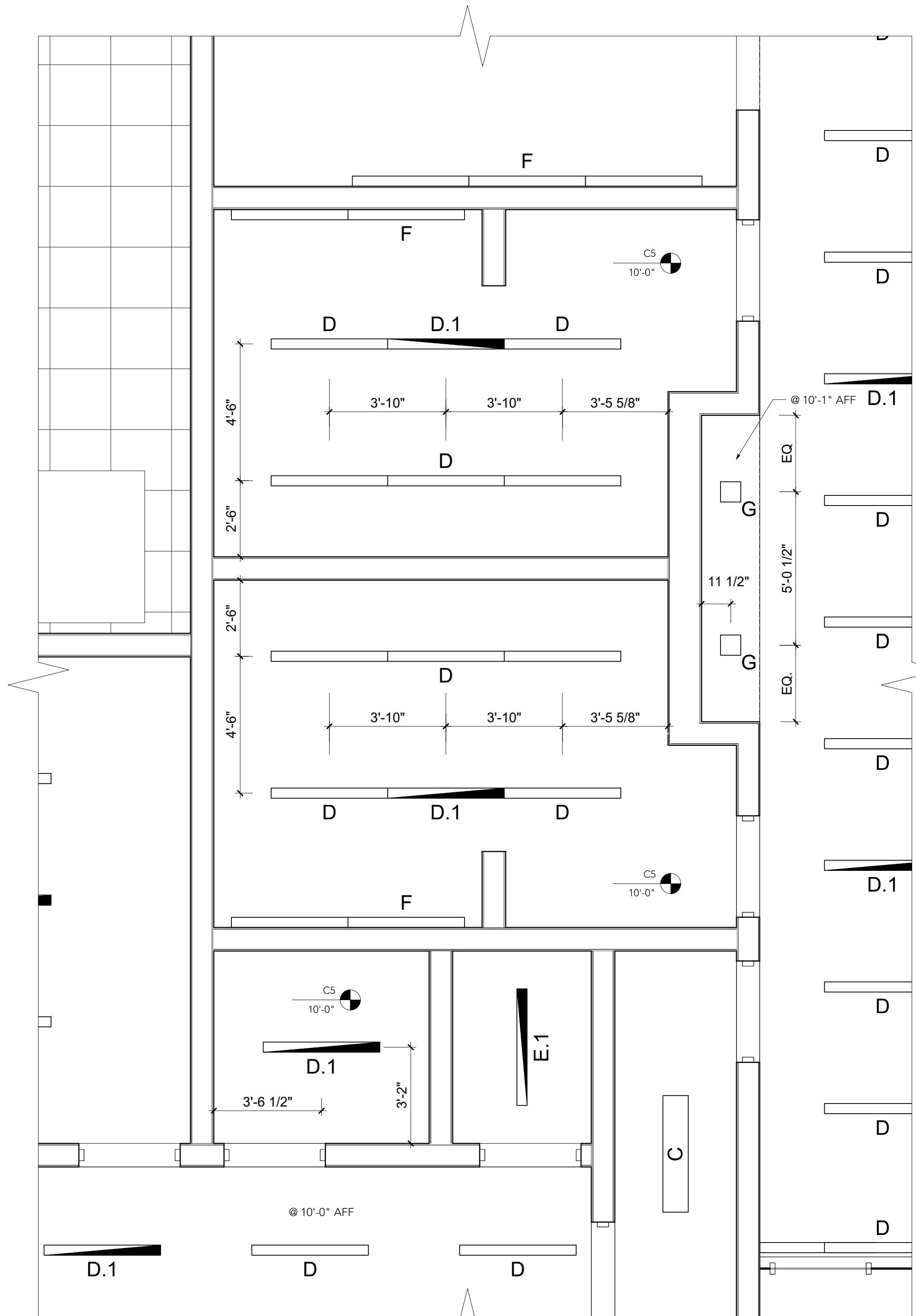


1 A706 Scale: 3/8" = 1'-0"

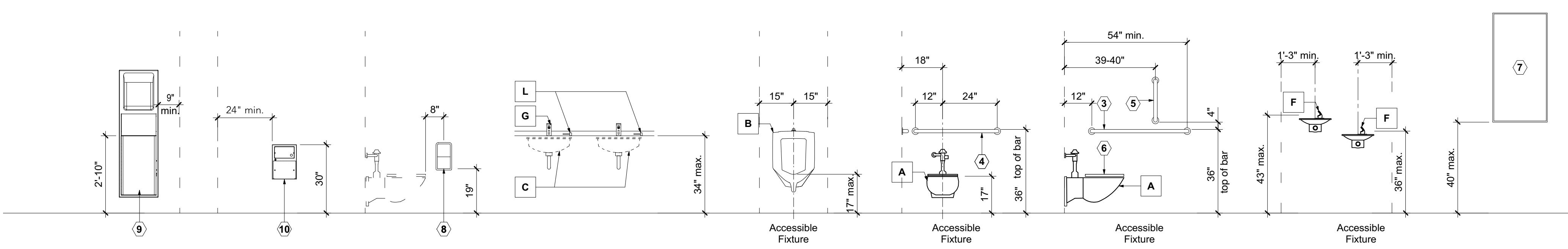
Note:
Align floor & wall tile joints.

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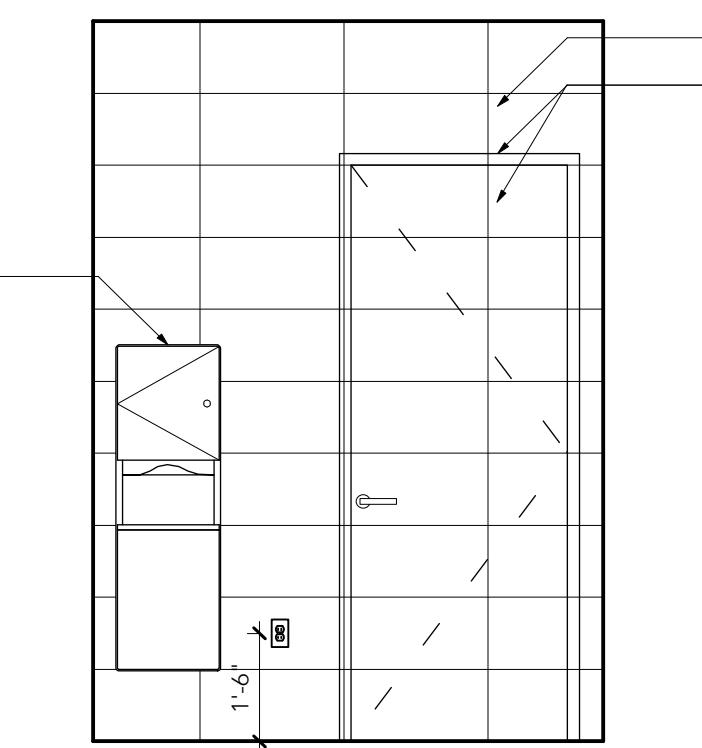
MARK	DESCRIPTION	MANUF.	MODEL #	NOTES
1	Ceiling Hung Toilet Partitions	Hadrian	Standard Series	Type 304 #4 Brushed Stainless Steel Provide Barrier Free Lever Latches & Coat Hooks
2	Wall Mounted Urinal Partitions	Hadrian	Standard Series	Type 304 #4 Brushed Stainless Steel
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5	Vertical Grab Bar	Bobrick	B-5806 x 18	Stainless Steel
6	Toilet Seat	Zurn	Z595SS-EL	White
7	Framed Mirror	Bobrick	B-165-2448	Stainless Steel Frame
8	Toilet Tissue Dispenser	Bobrick	B-2888	Stainless Steel Mount at ADA Compliant Height
9	Papertowel Dispenser & Waste Receptacle	Bobrick	B-3944	Stainless Steel Mount at ADA Compliant Height
10	Surface Mounted Sanitary Napkin Disposal	Bobrick	B-270	Stainless Steel Mount at ADA Compliant Height



ADA Compliant Fixture Mounting Heights

Scale: 3/8" = 1'-0"

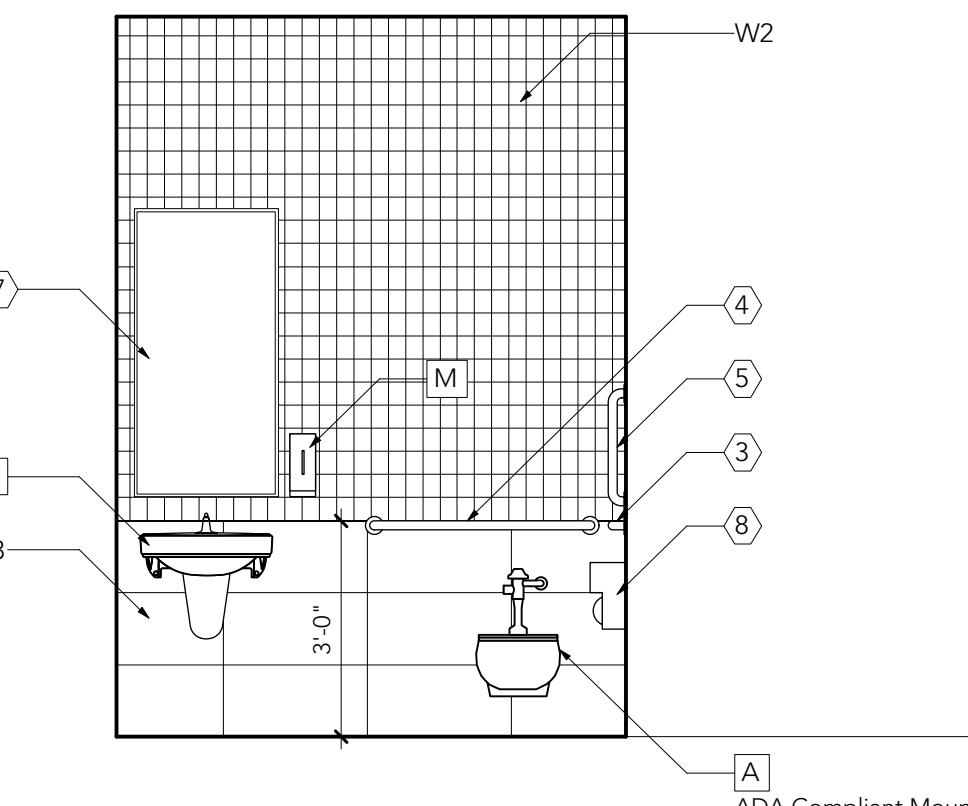
MARK	DESCRIPTION	MANUF.	MODEL #	NOTES
A	Wall Hung Toilet	Zurn	Z5615-BWL	Vitreous China - White
B	Wall Mounted Urinal	Kohler	K-4991-ET	Vitreous China - White
C	Undermount Lavatory Sink	Kohler	K-2214-G	Ladena Bathroom Sink - White
D	Wall Mounted Lavatory Sink	Kohler	K-2035-1	Pinot - White Include K-2057 Bathroom Sink Shroud
E	Undermount Kitchen Sink	Kohler	K-3163	Undertone - Stainless Steel
F	Hi-Lo Drinking Fountain - Chilled	Elkay	LRPBM28K	SwirlFlo Fountain Bi-Level ADA Filtered 8 GPM Stainless Includes Fountain, Chiller, Mounting Frame & Filter
G	Lavatory Faucet (For Undermount Lavatory Sink)	Kohler	K-T11840	Purist - Polished Chrome
H	Lavatory Faucet (For Wall Mounted Lavatory Sink)	Zurn	Z6930-XL	Chrome Plated
I	Kitchen Faucet	Kohler	K-22034	Simplice - Polished Chrome
J	Electronic Flush Valve (Toilet)	Zurn	ZEMS6153AV	
K	Electronic Flush Valve (Urinal)	Zurn	ZEMS6197AV	
L	Touchless Soap Dispenser (For Undermount Lavatory Sink)	Sloan	ESD-700-CP	Polished Chrome Finish
M	Touchless Soap Dispenser (For Wall Mounted Lavatory Sink)	Bobrick	B-2013	Stainless Steel
N	Mop Sink	Fiat	MSBIDTG2424	
O	Mop Sink Faucet	Fiat	830AA	



11 Unisex Restroom Elevation - Lobby

A708 Scale: 3/8" = 1'-0"

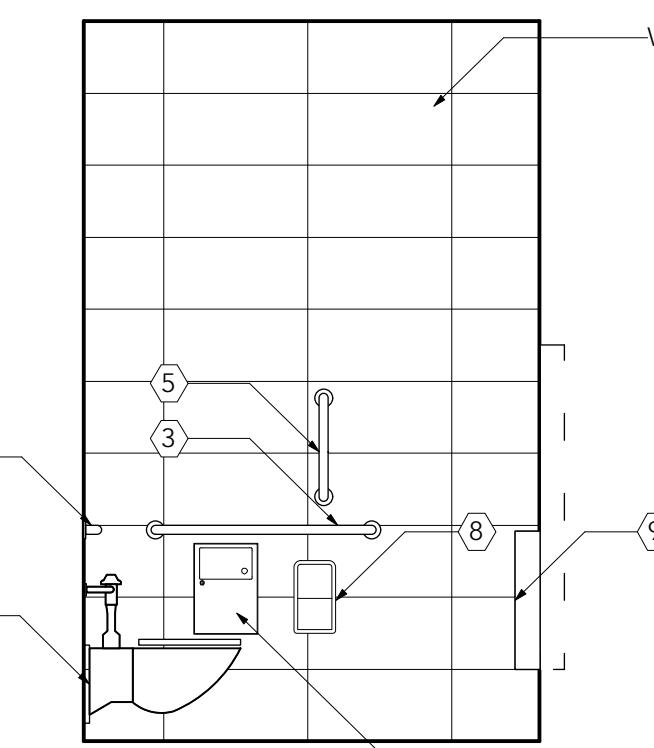
Note:
Align floor & wall tile joints.



10 Unisex Restroom Elevation - Lobby

A708 Scale: 3/8" = 1'-0"

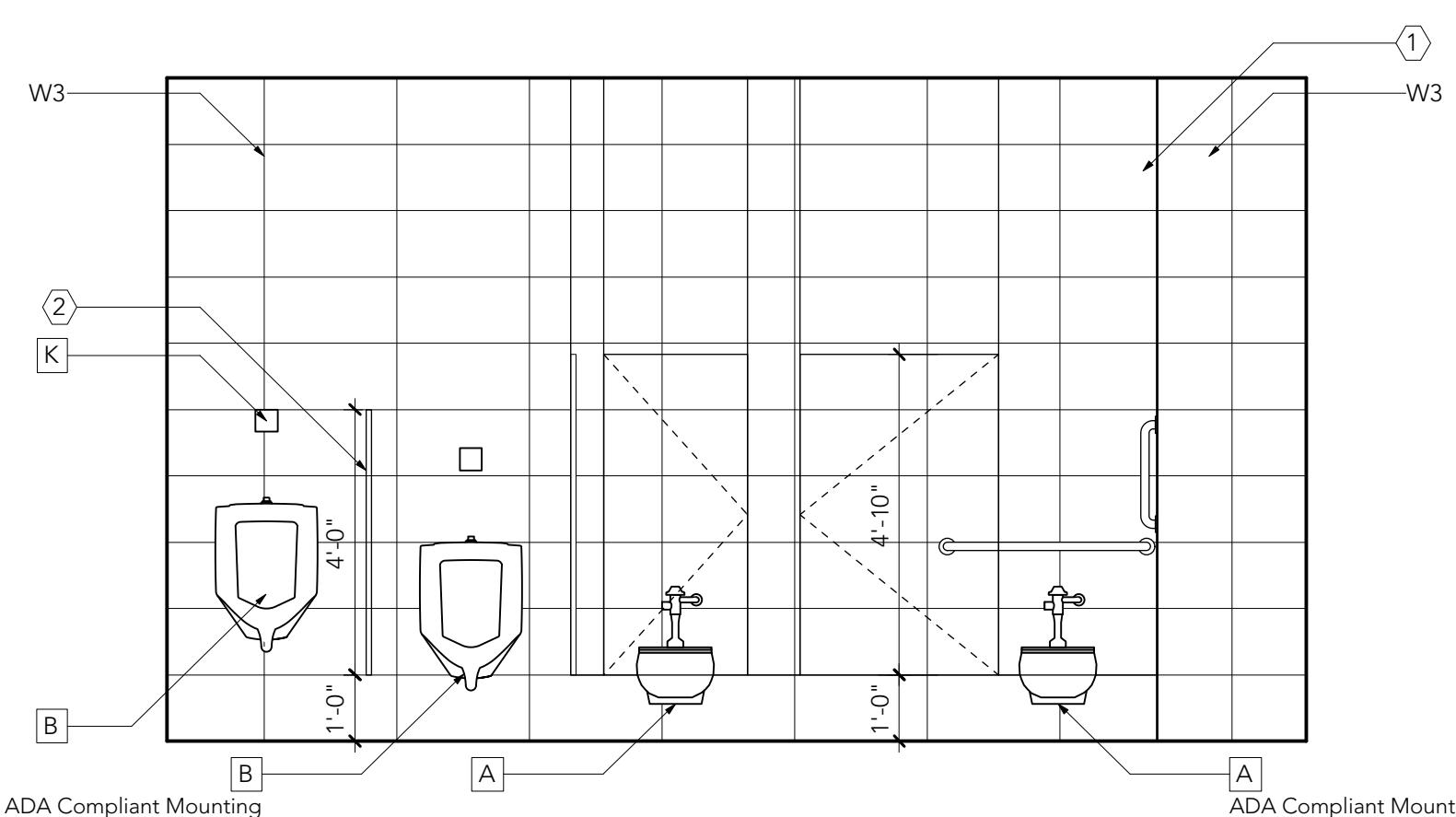
Note:
Align floor & wall tile joints.



9 Unisex Restroom Elevation - Lobby

A708 Scale: 3/8" = 1'-0"

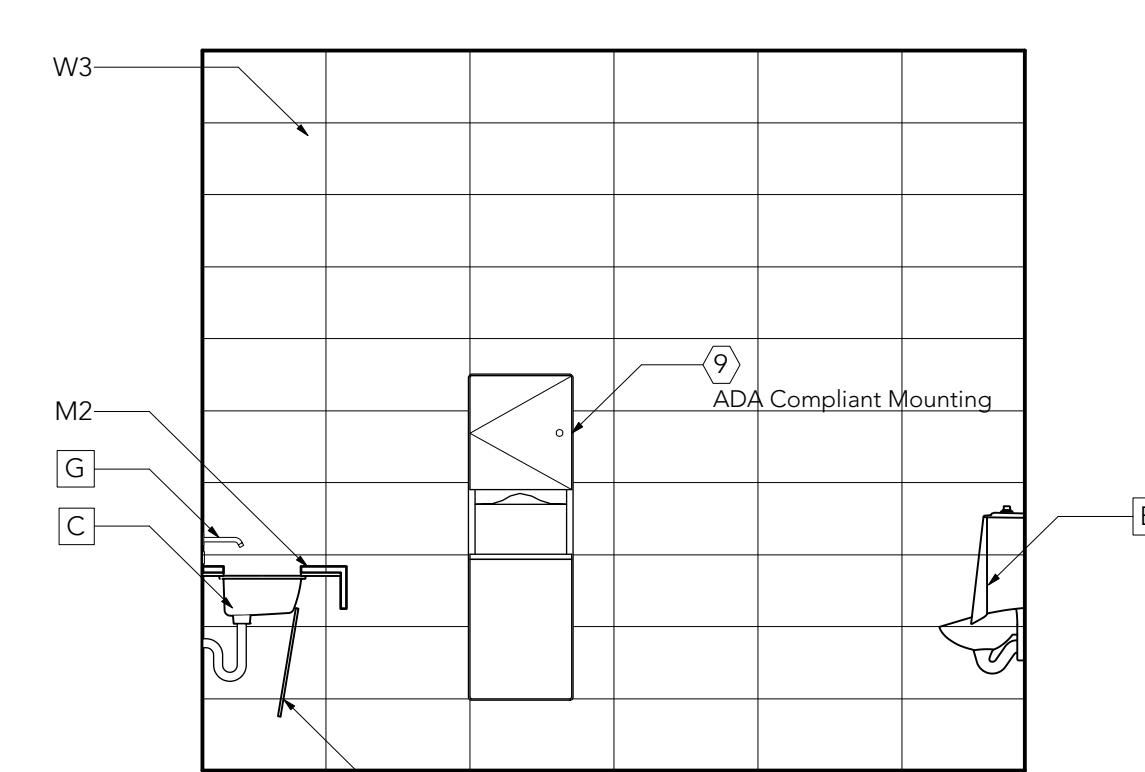
Note:
Align floor & wall tile joints.



8 Men's Restroom Elevation - Lobby

A708 Scale: 3/8" = 1'-0"

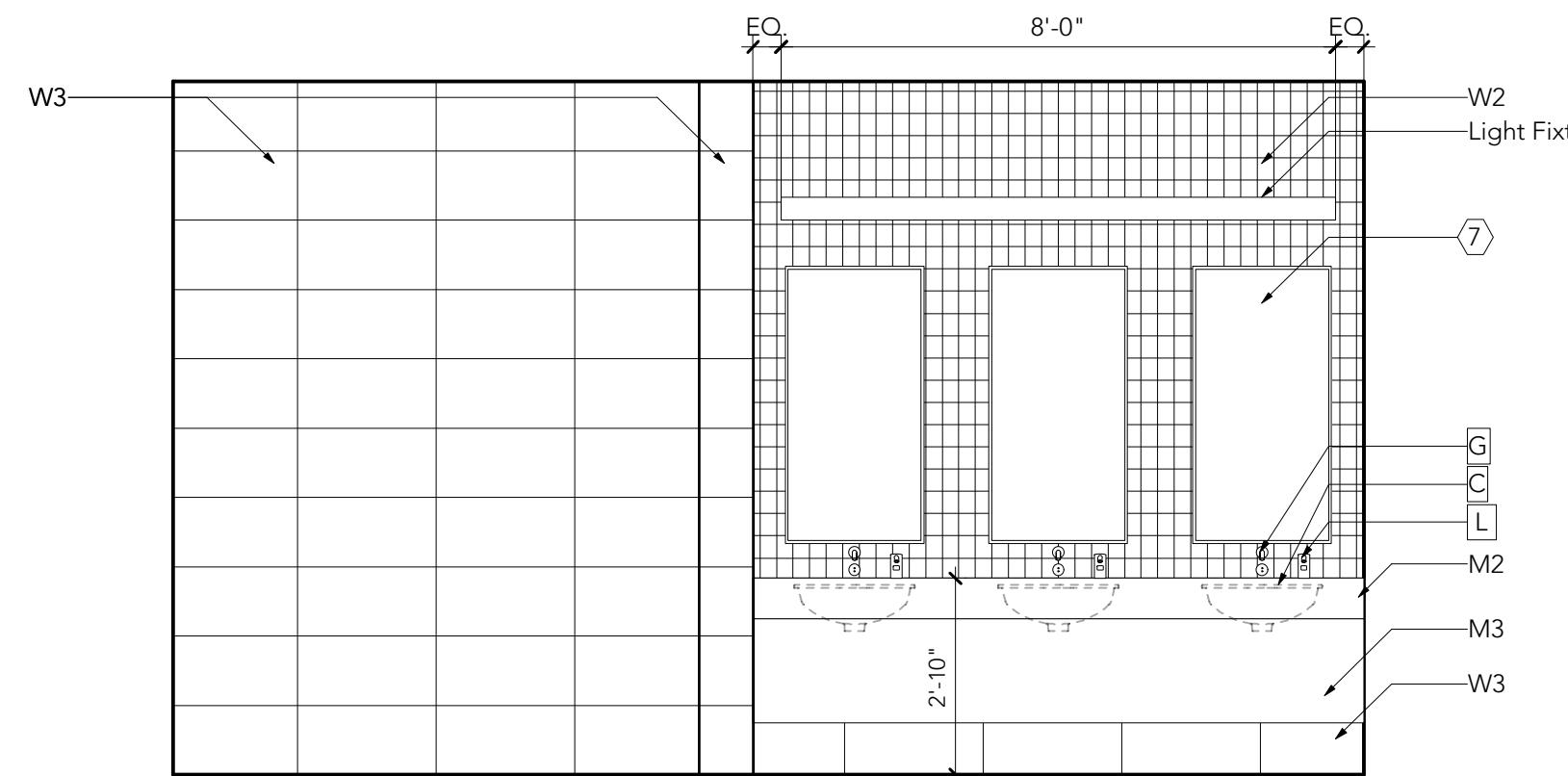
Note:
Align floor & wall tile joints.



7 Men's Restroom Elevation - Lobby

A708 Scale: 3/8" = 1'-0"

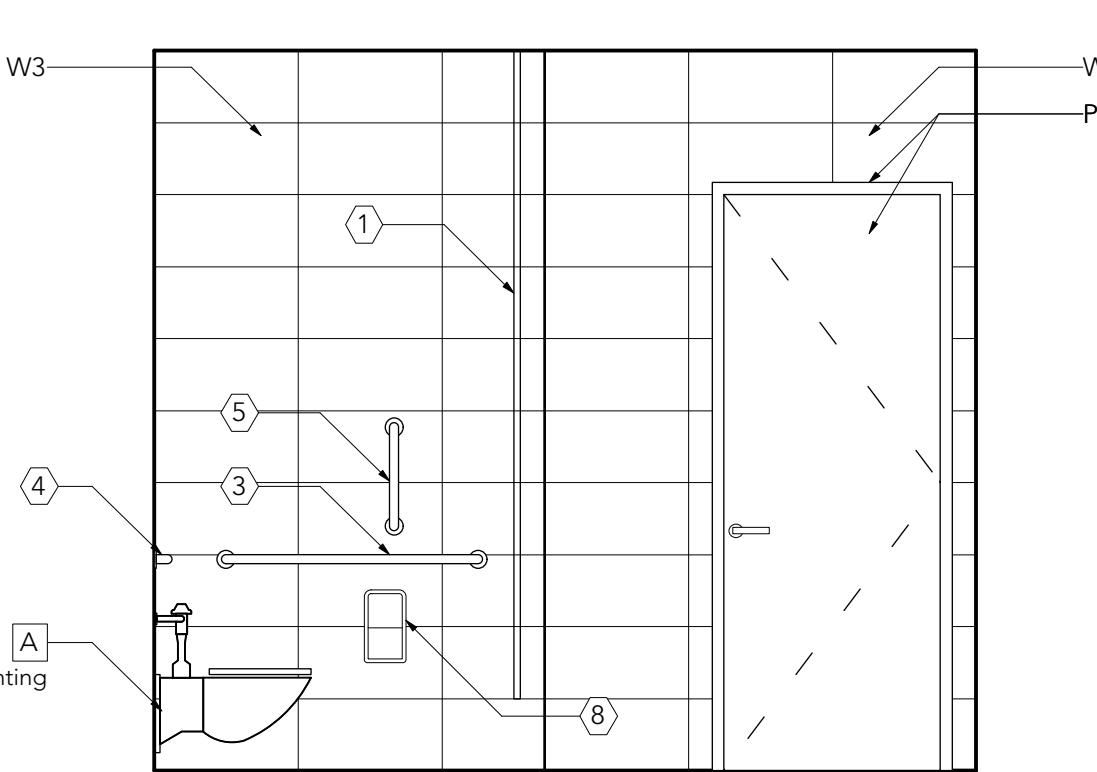
Note:
Align floor & wall tile joints.



6 Men's Restroom Elevation - Lobby

A708 Scale: 3/8" = 1'-0"

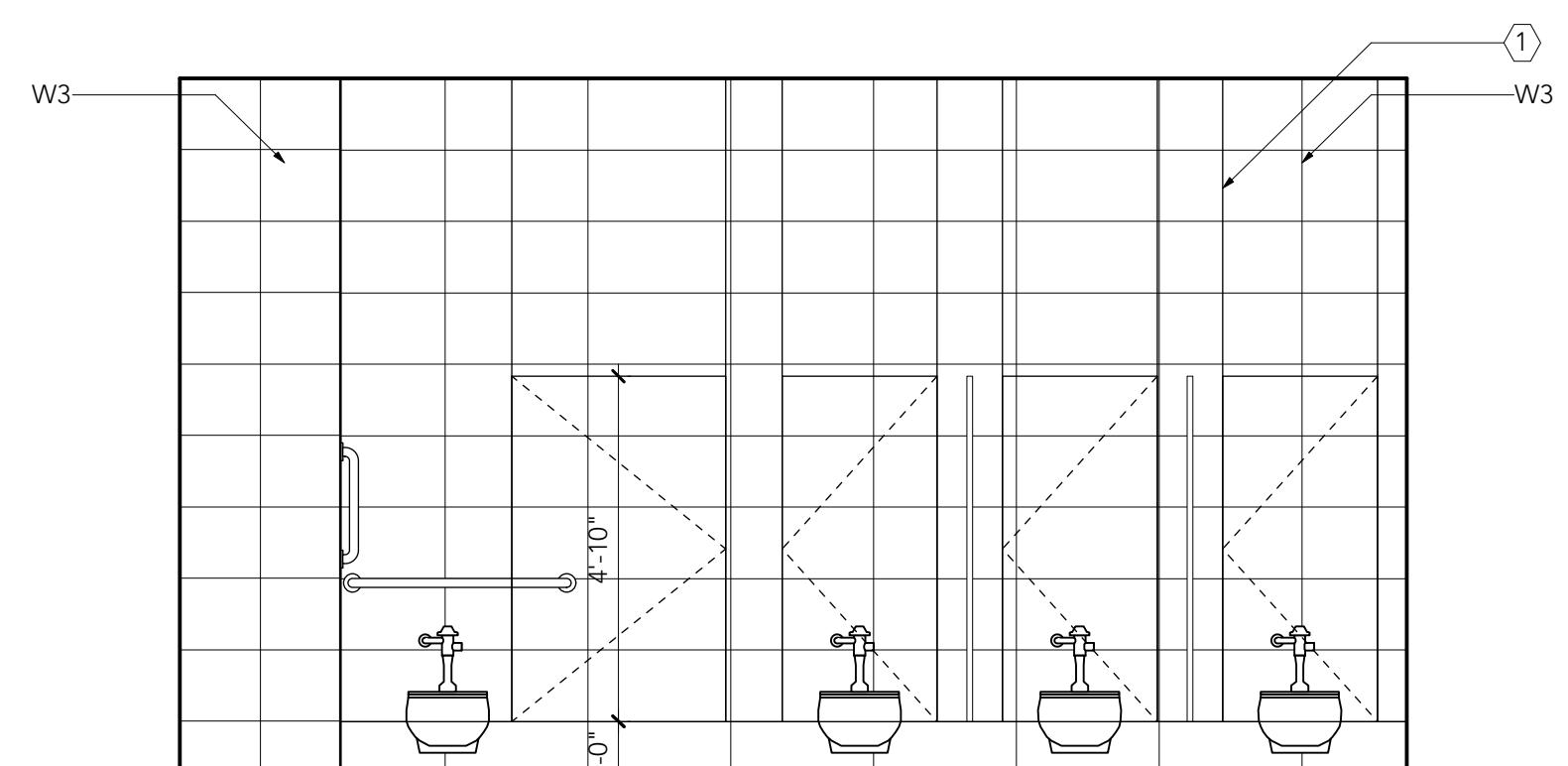
Note:
Align floor & wall tile joints.



5 Men's Restroom Elevation - Lobby

A708 Scale: 3/8" = 1'-0"

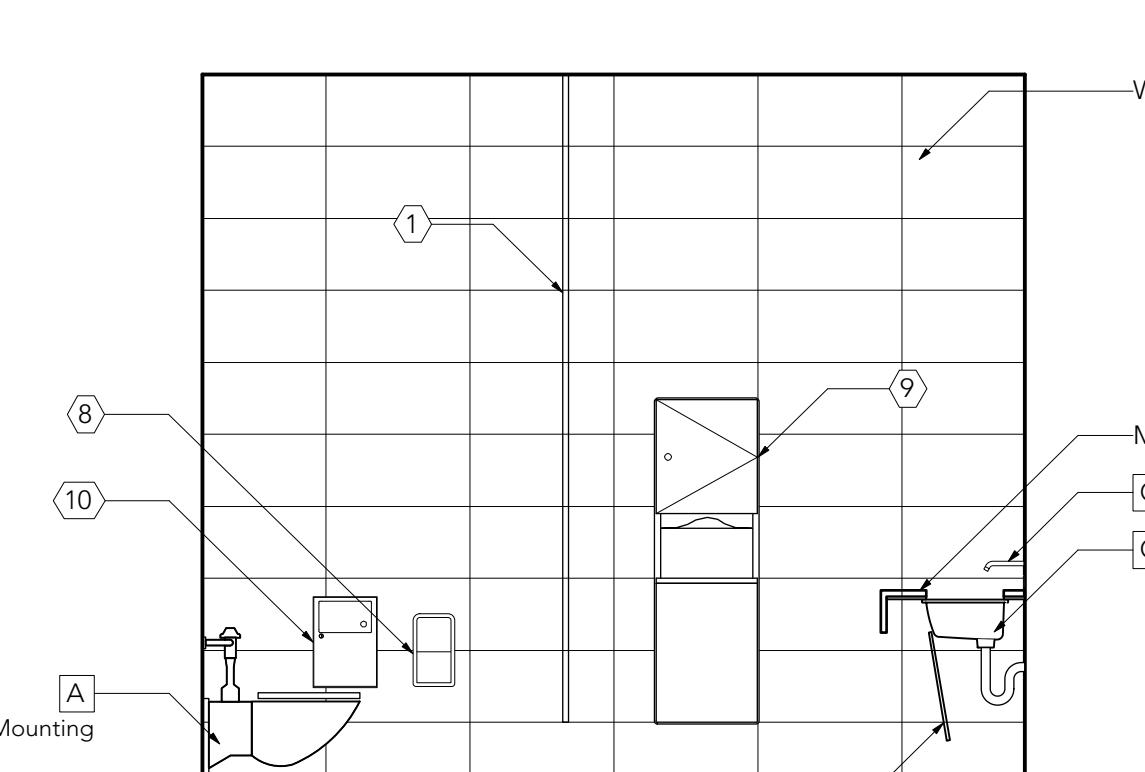
Note:
Align floor & wall tile joints.



4 Women's Restroom Elevation - Lobby

A708 Scale: 3/8" = 1'-0"

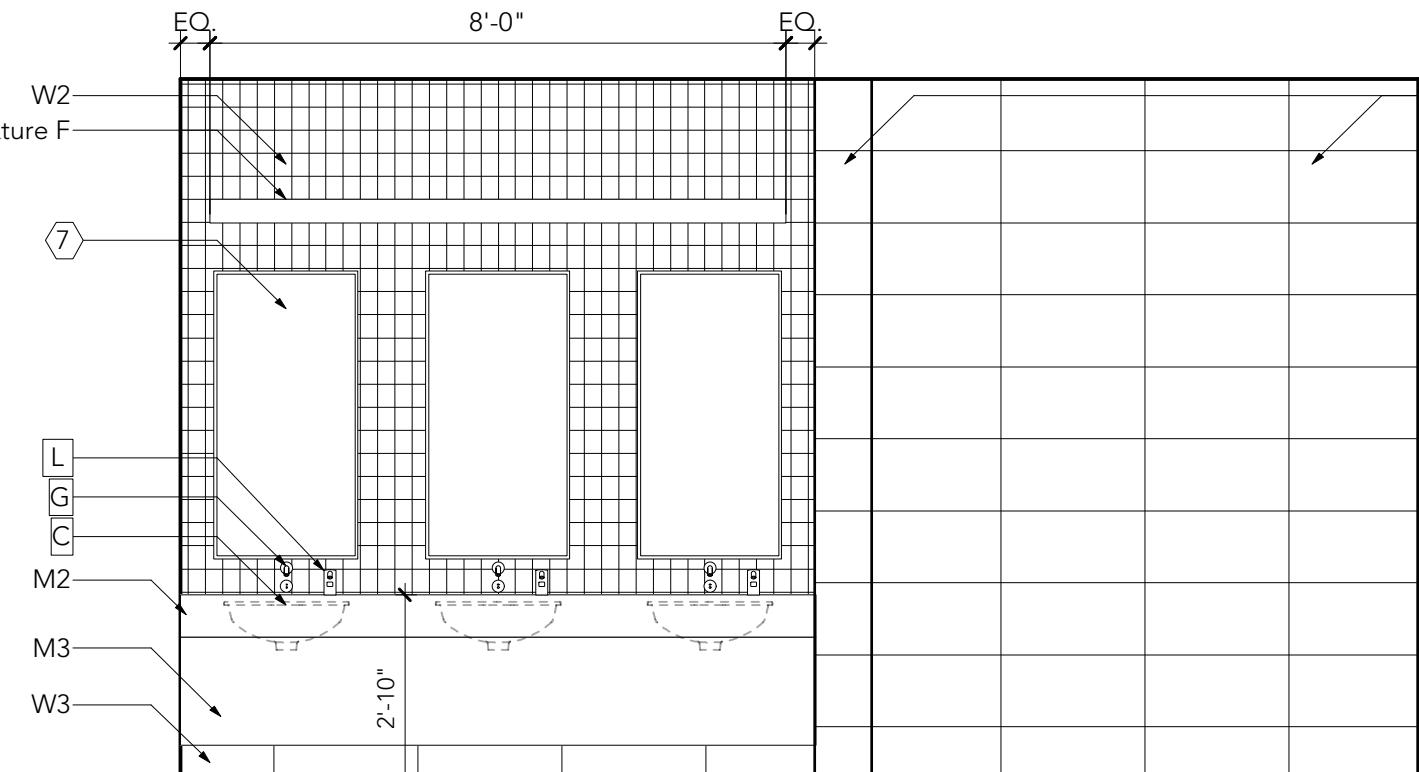
Note:
Align floor & wall tile joints.



3 Women's Restroom Elevation - Lobby

A708 Scale: 3/8" = 1'-0"

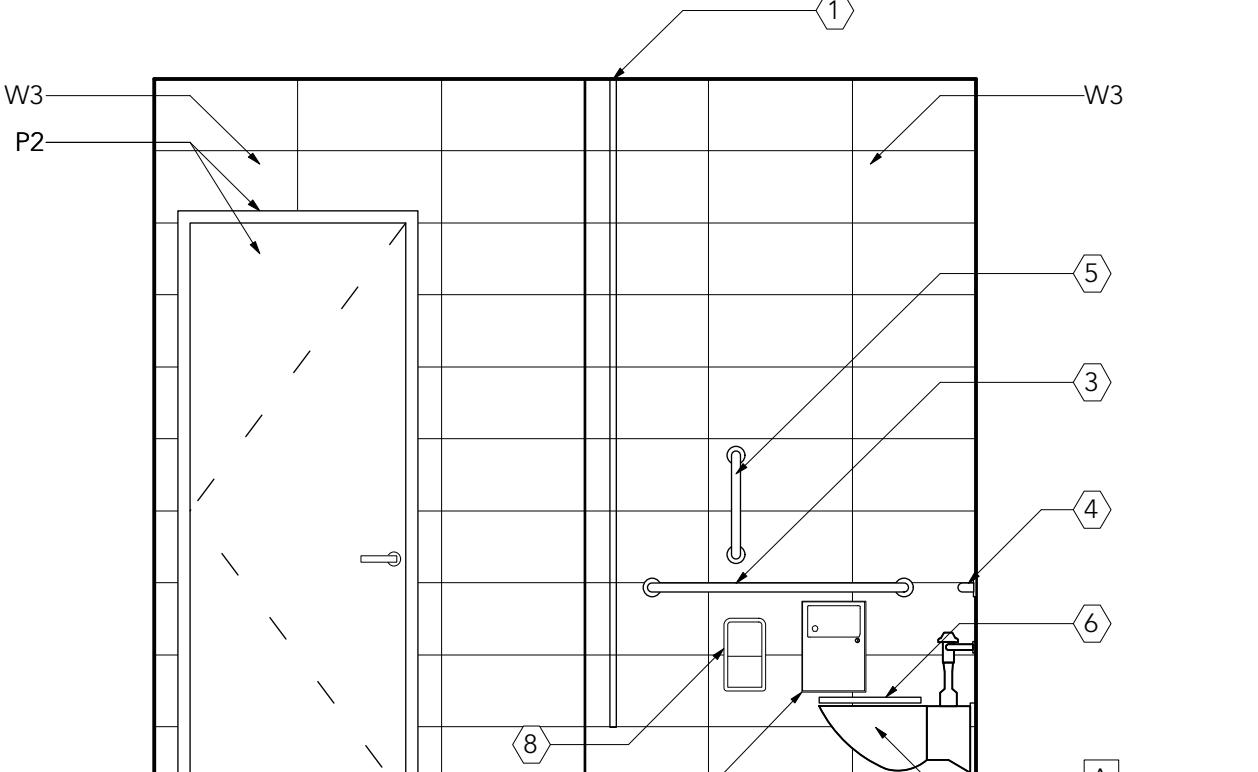
Note:
Align floor & wall tile joints.



2 Women's Restroom Elevation - Lobby

A708 Scale: 3/8" = 1'-0"

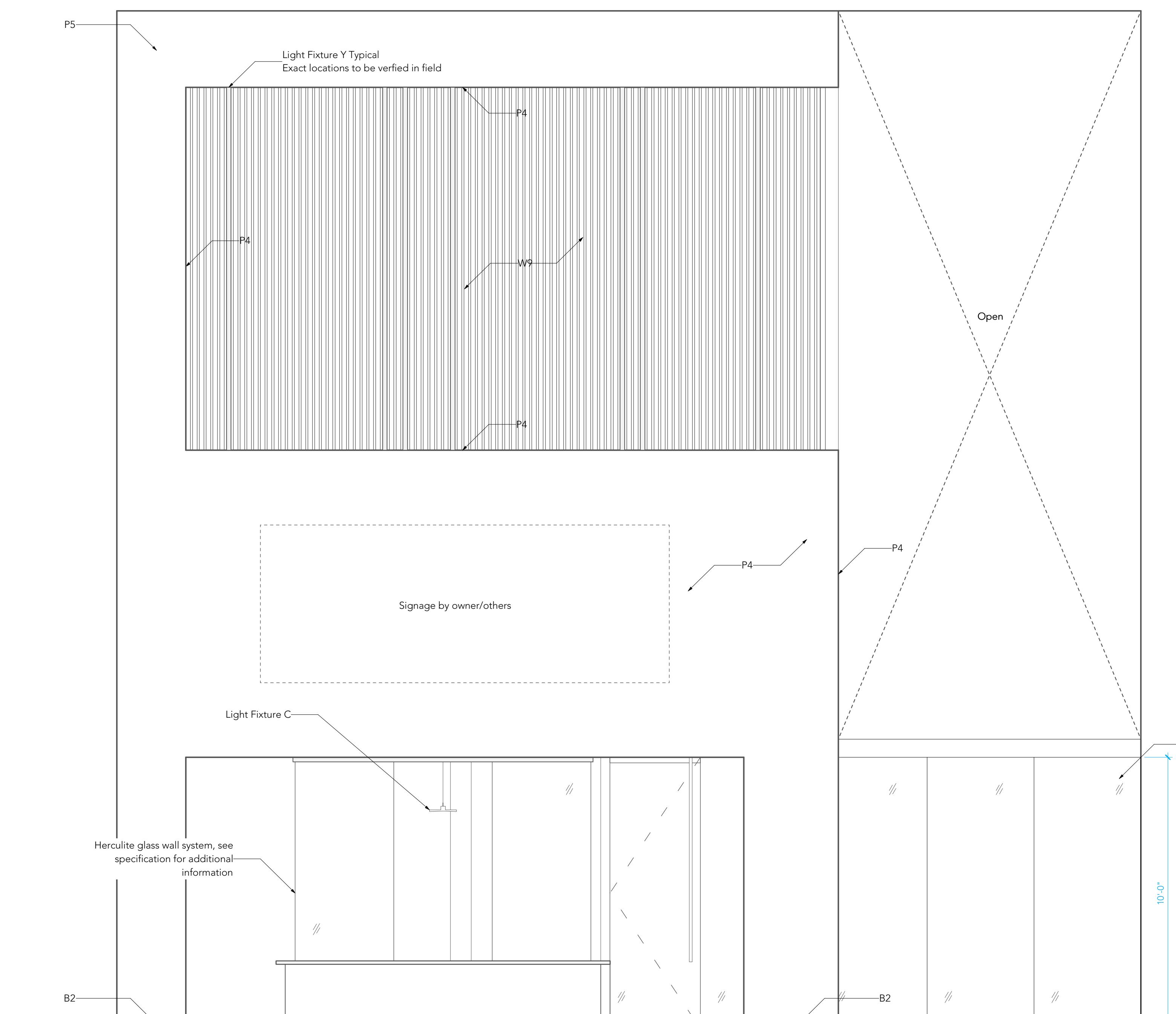
Note:
Align floor & wall tile joints.



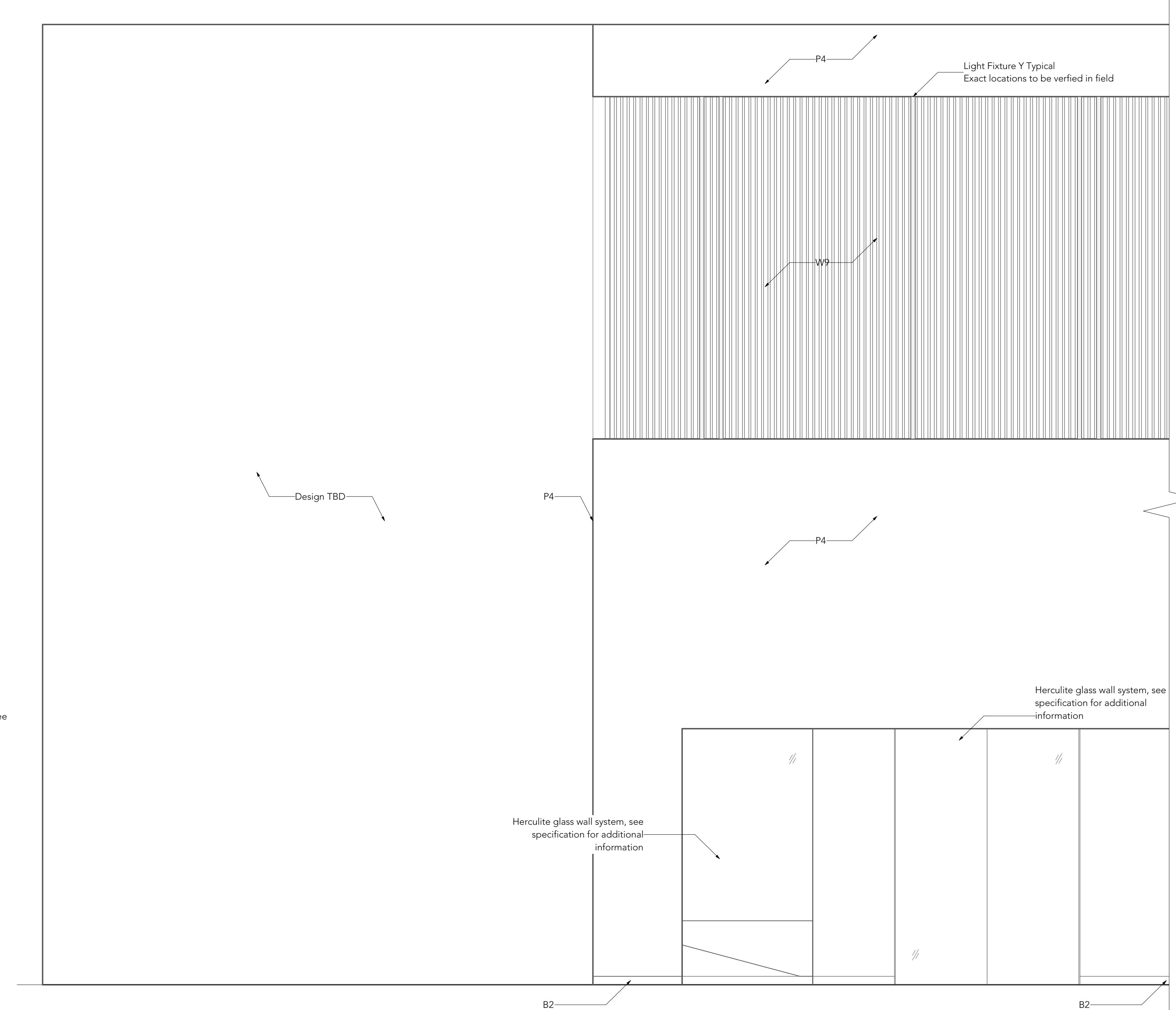
1 Women's Restroom Elevation - Lobby

A708 Scale: 3/8" = 1'-0"

Note:
Align floor & wall tile joints.



Lobby Security Elevation
A709 Scale: 3/8" = 1'-0"



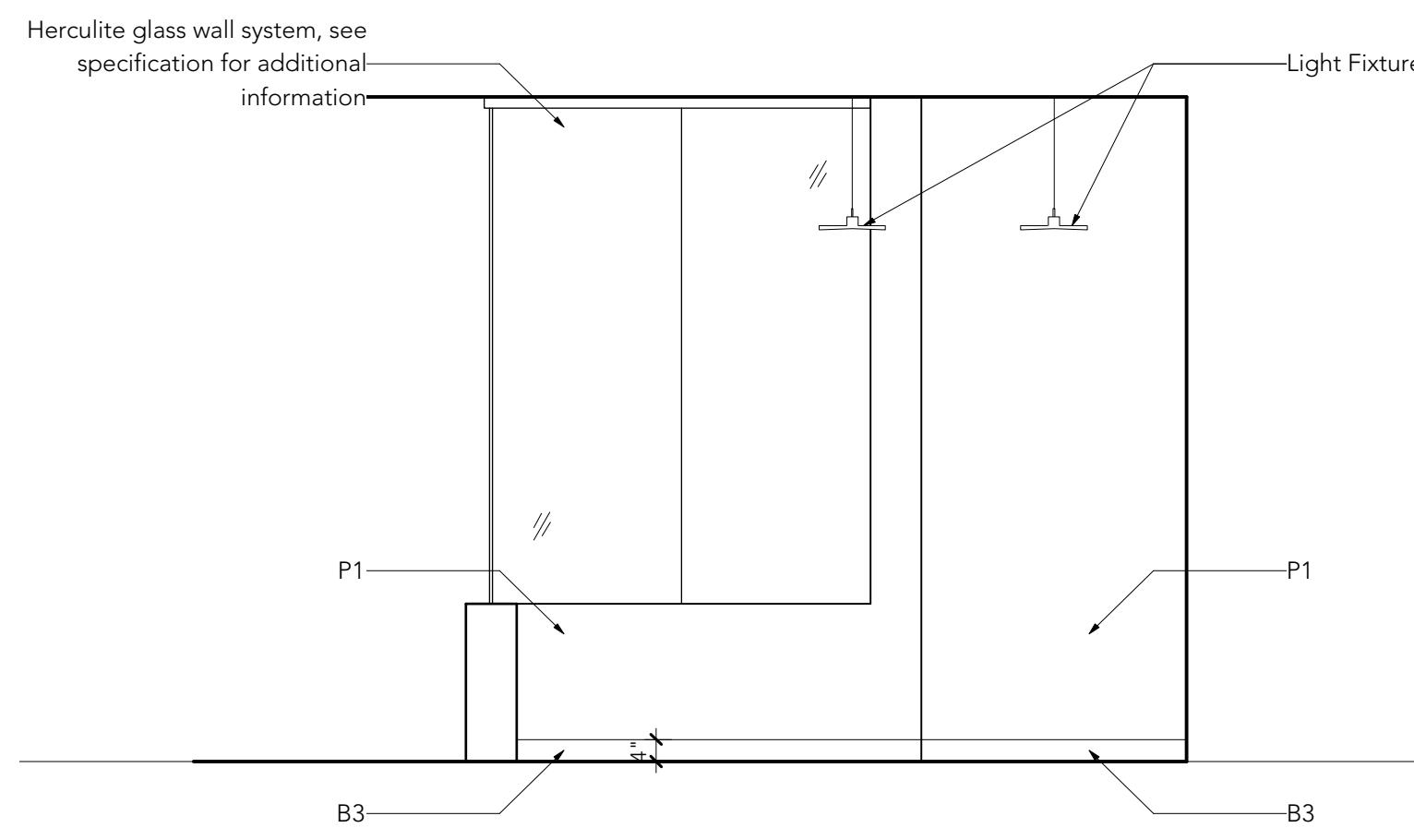
Lobby Security Elevation
A709 Scale: 3/8" = 1'-0"



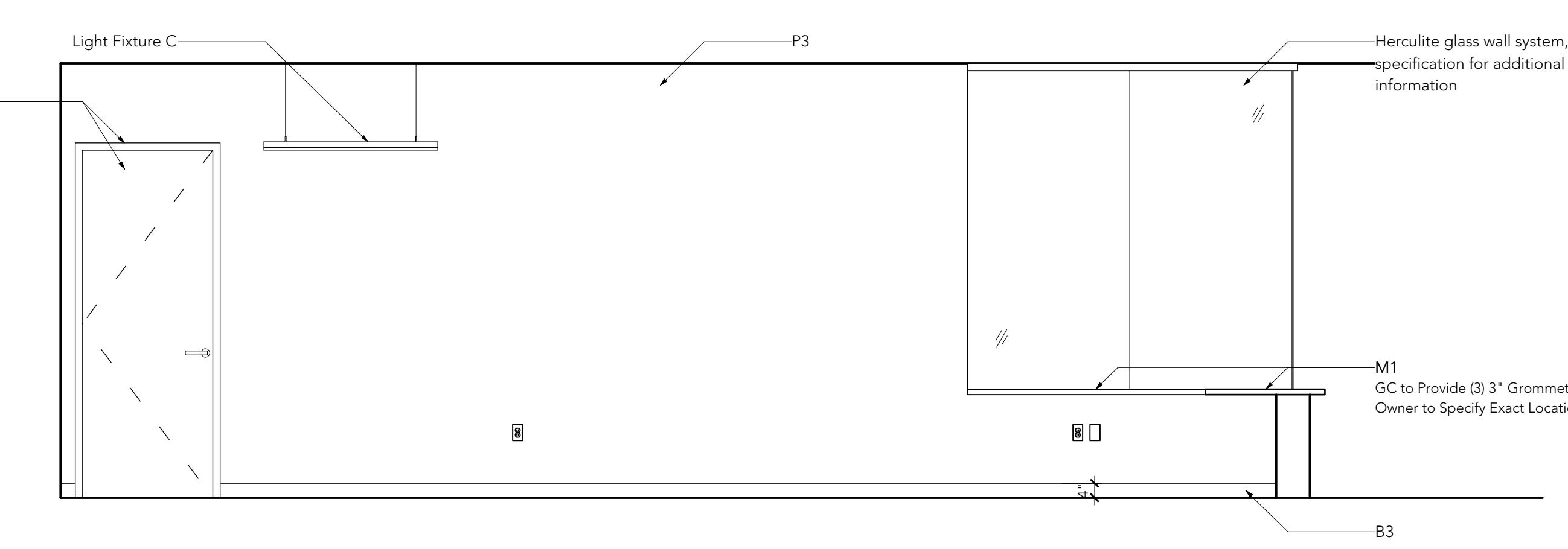
The M Group

Architects +
Interior Architects

12353m Sunrise Valley Drive
Reston, Virginia 20191
703.448.8786
mgrouparchitects.com



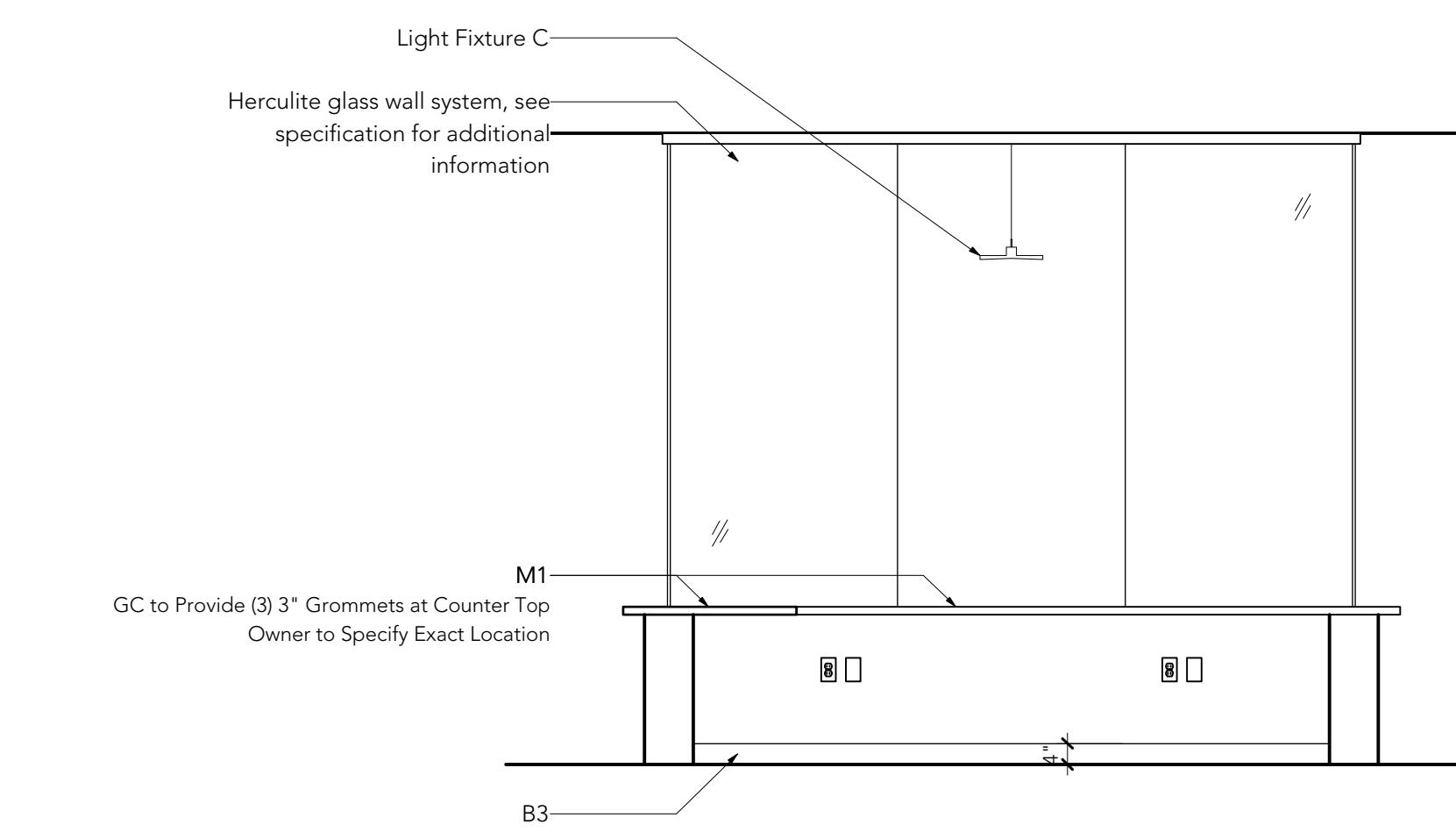
Security Office Elevation



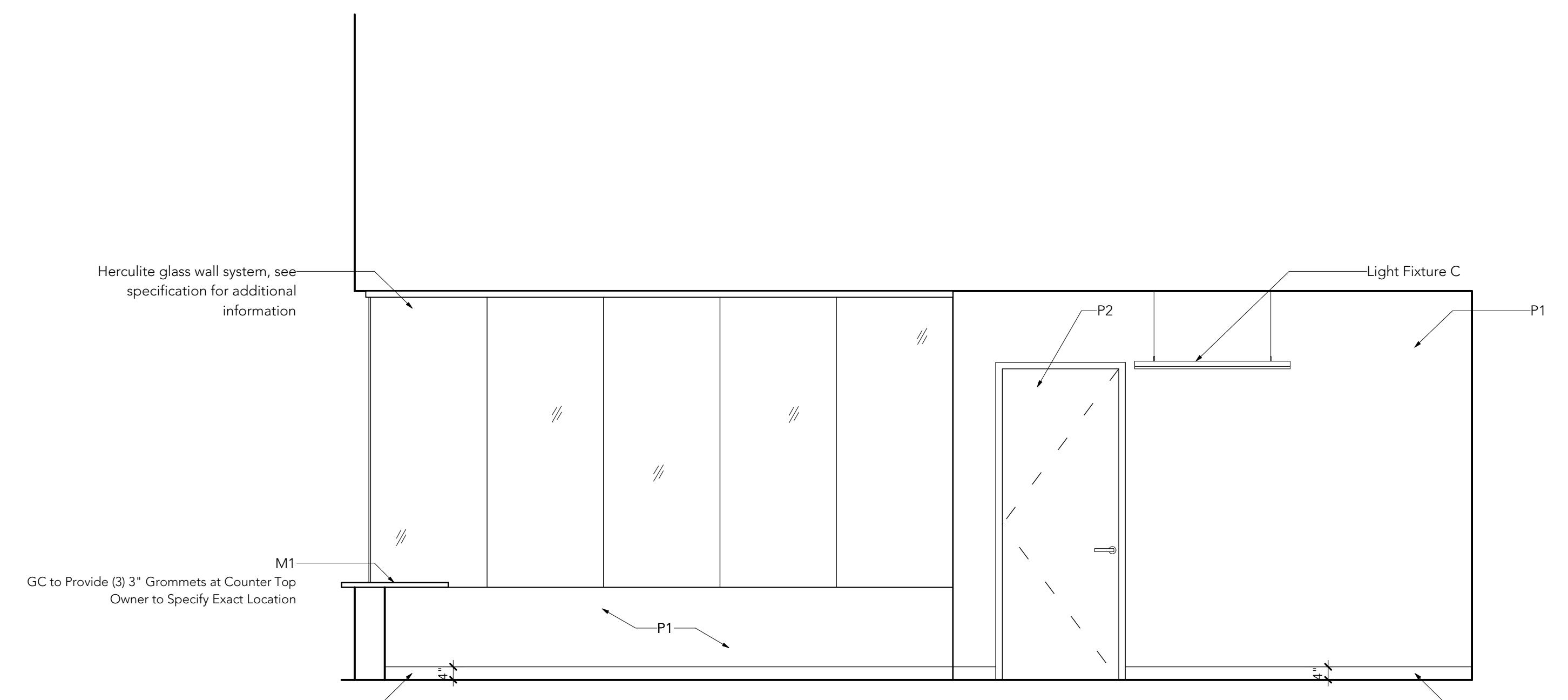
7
A710

Security Office Elevation

Scale: 3/8" = 1'-0"

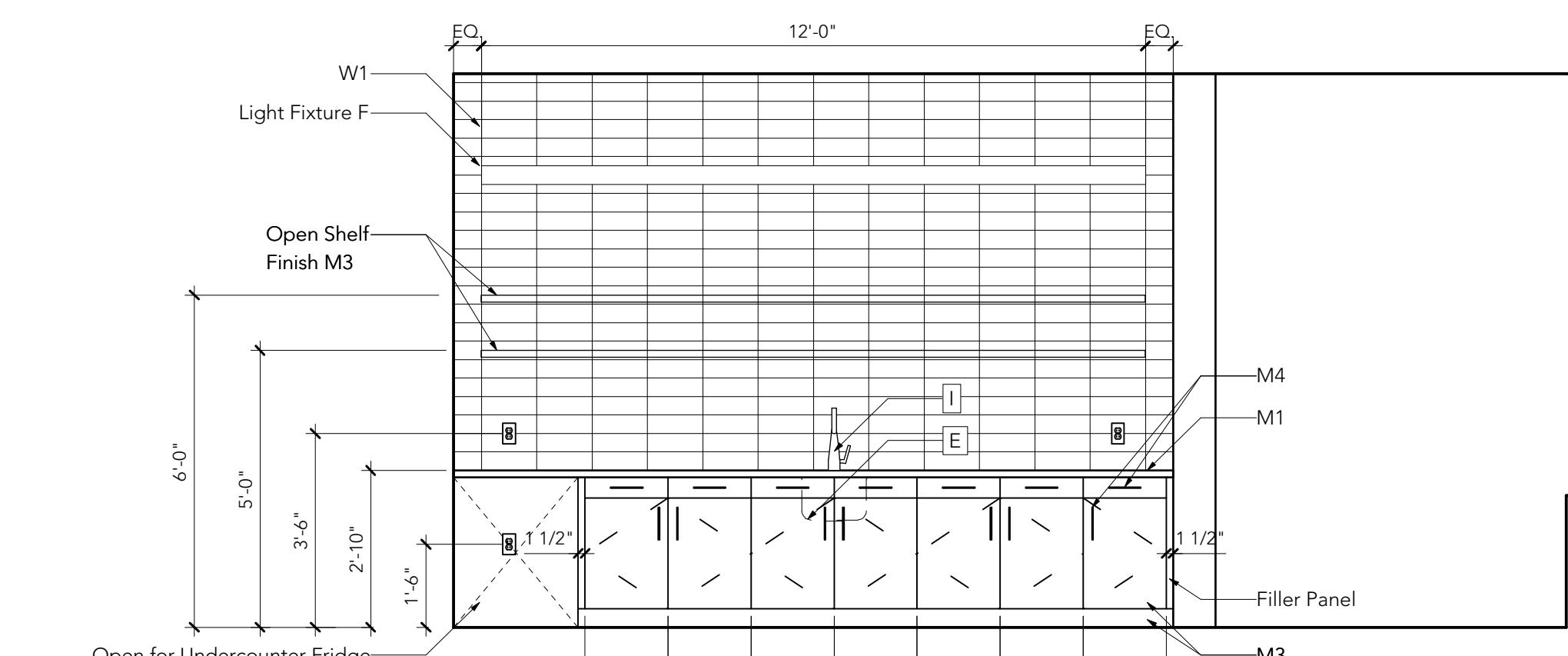


Security Office Elevation

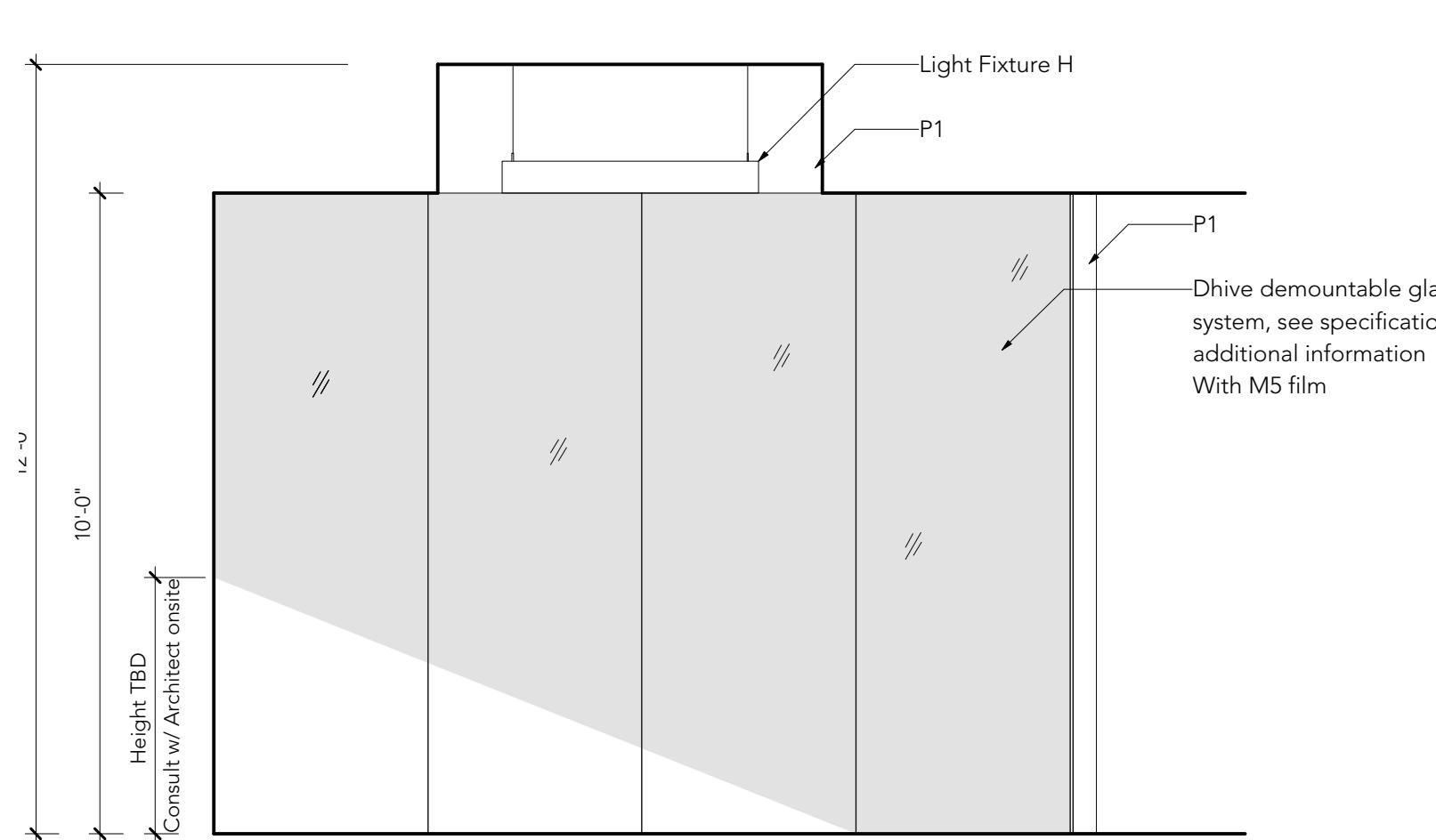


Security Office Elevation

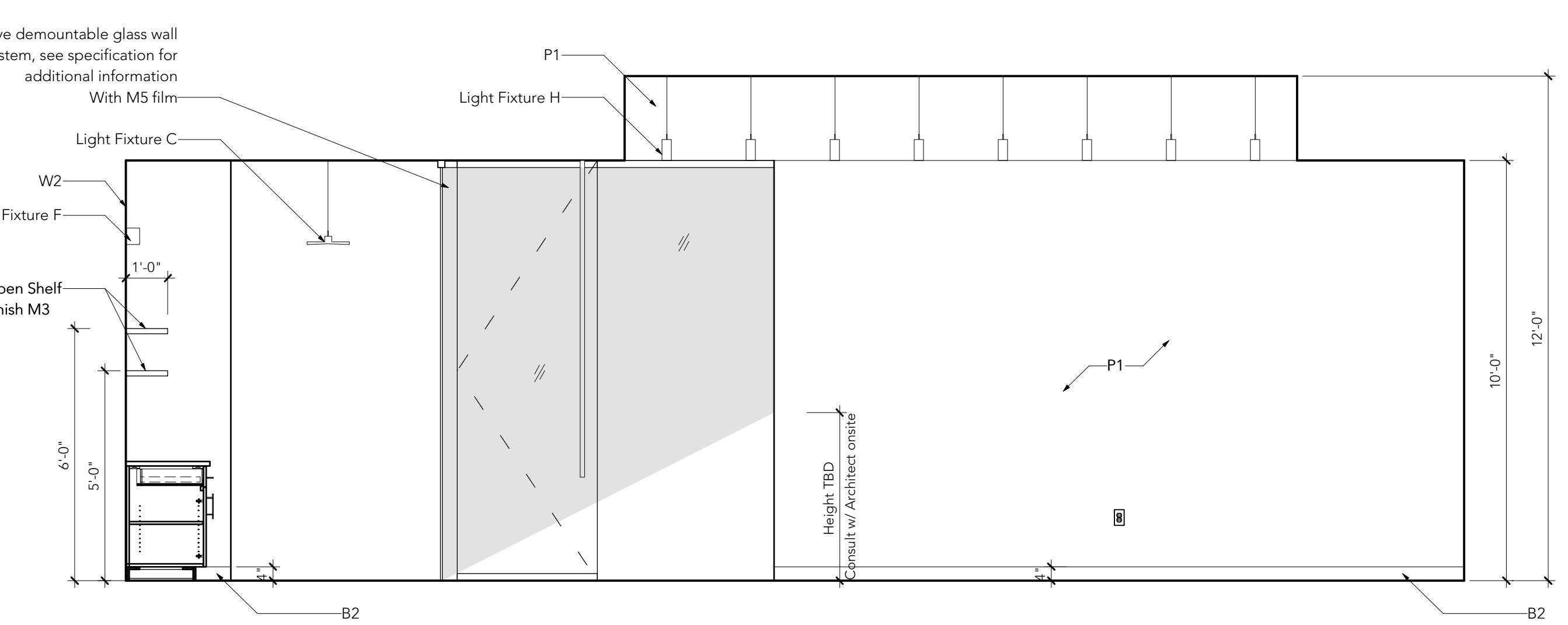
5
A710
Scale: 3/8" = 1'-0"



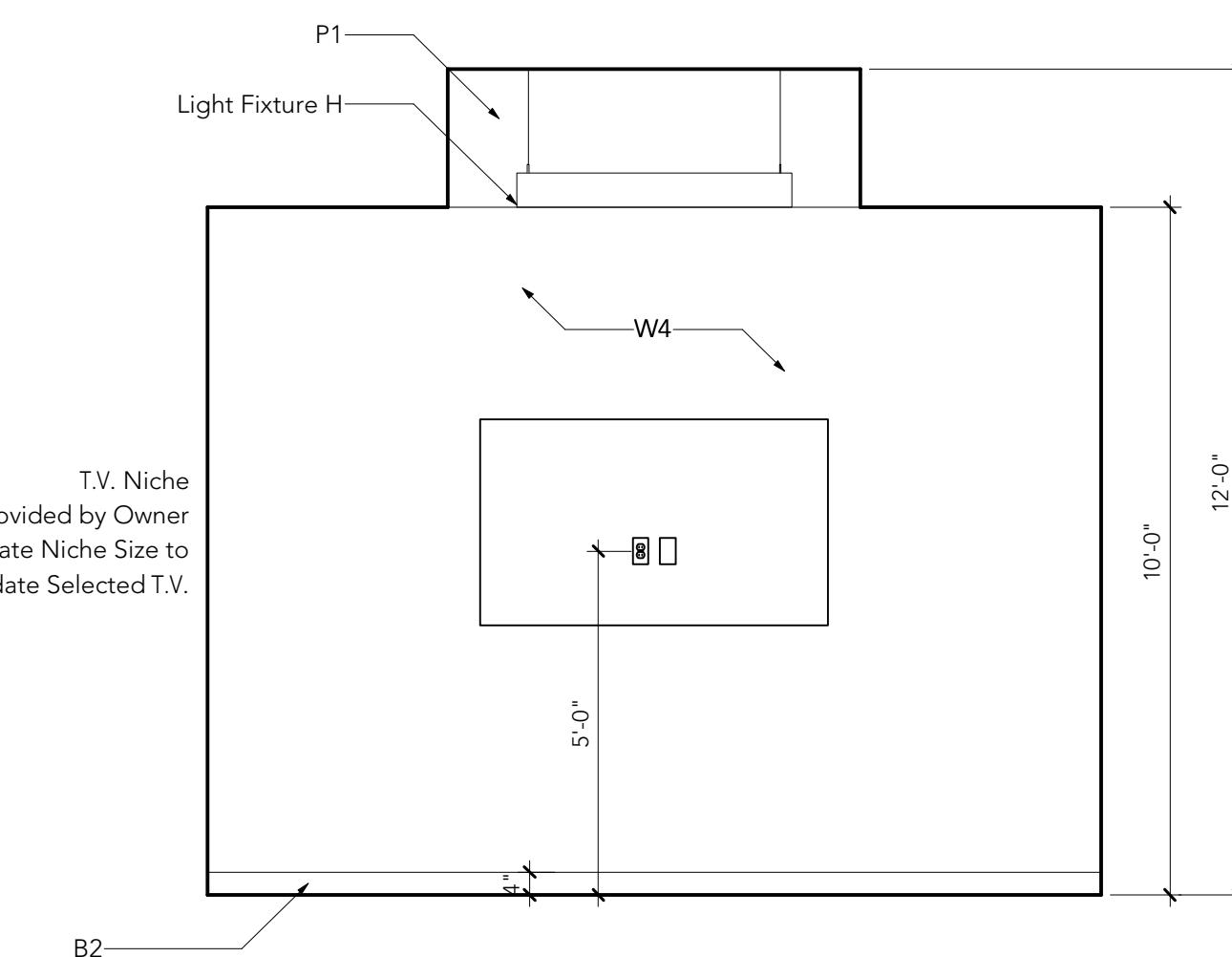
Coffee Bar Elevation



Conference 1 Elevation



Conference 1 Elevation



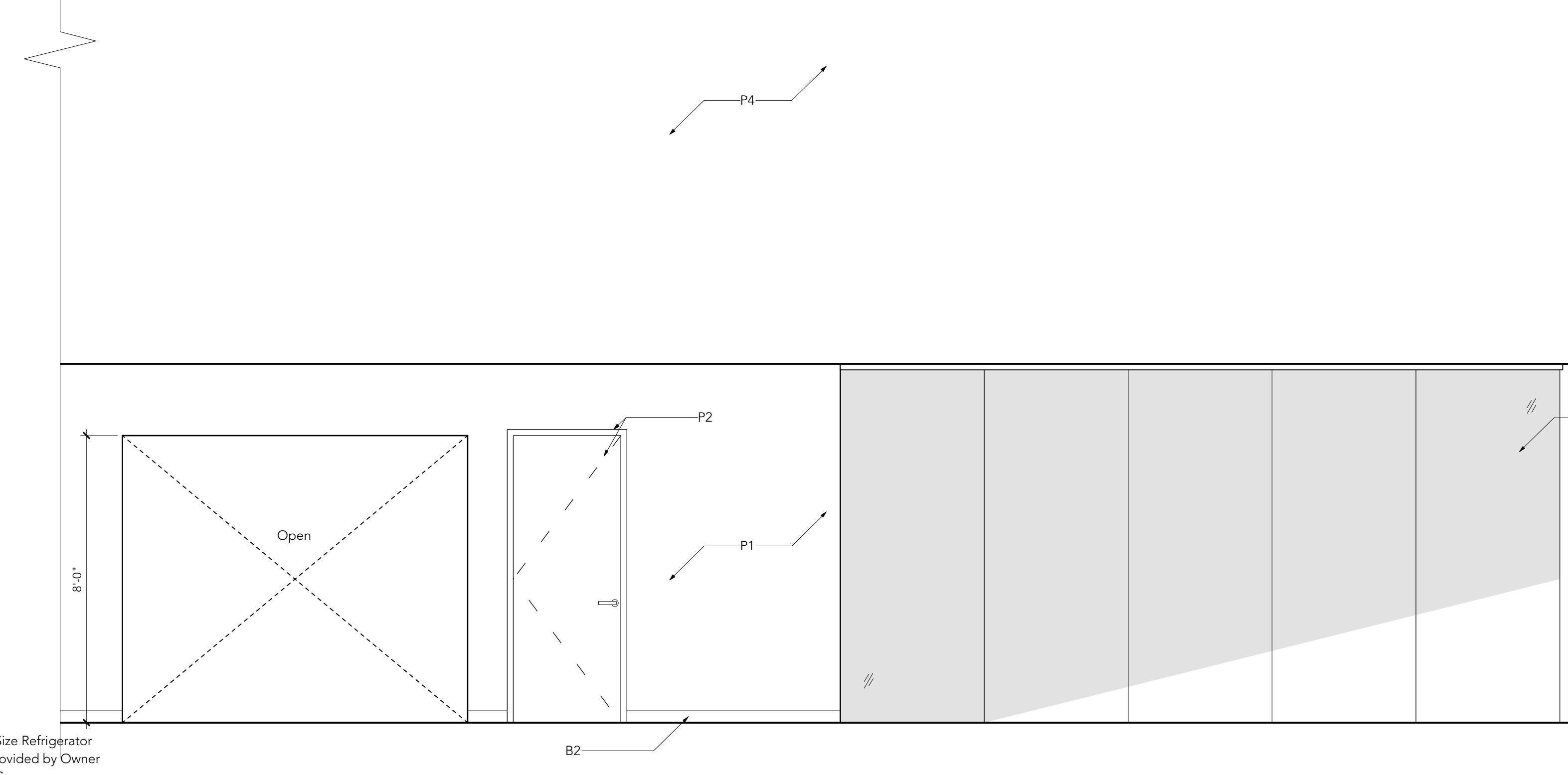
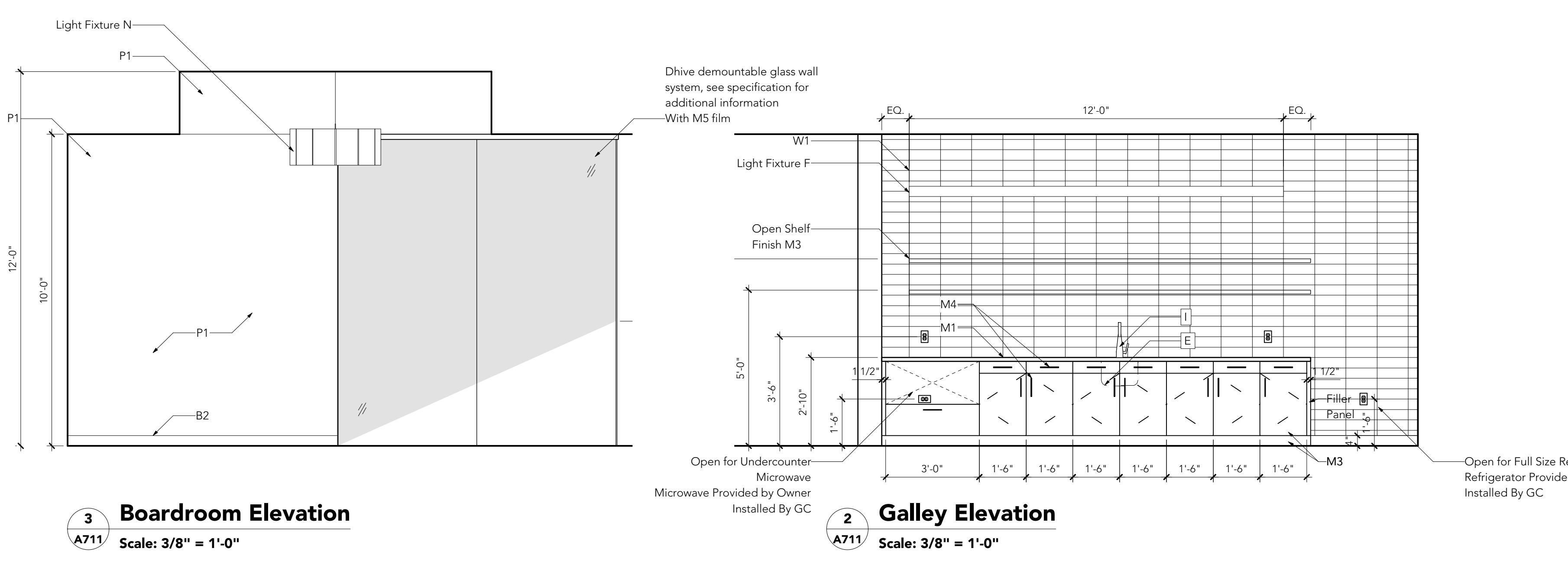
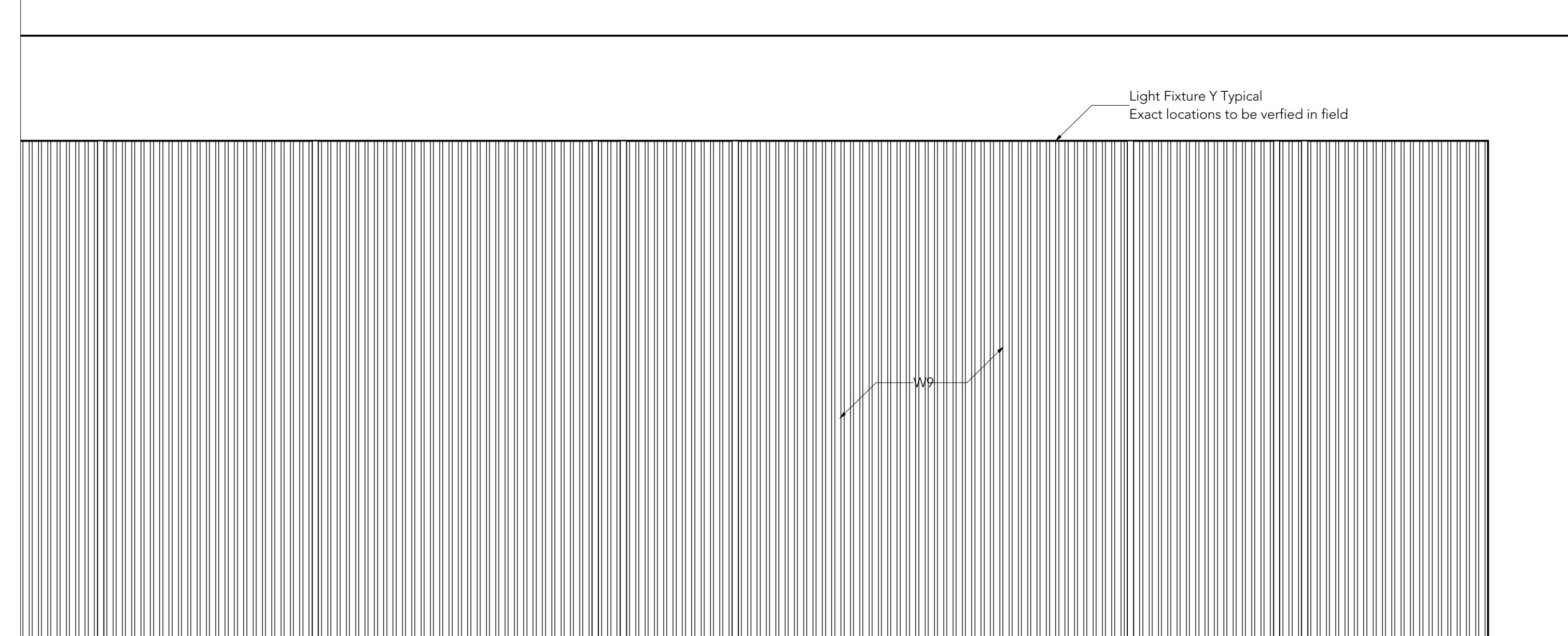
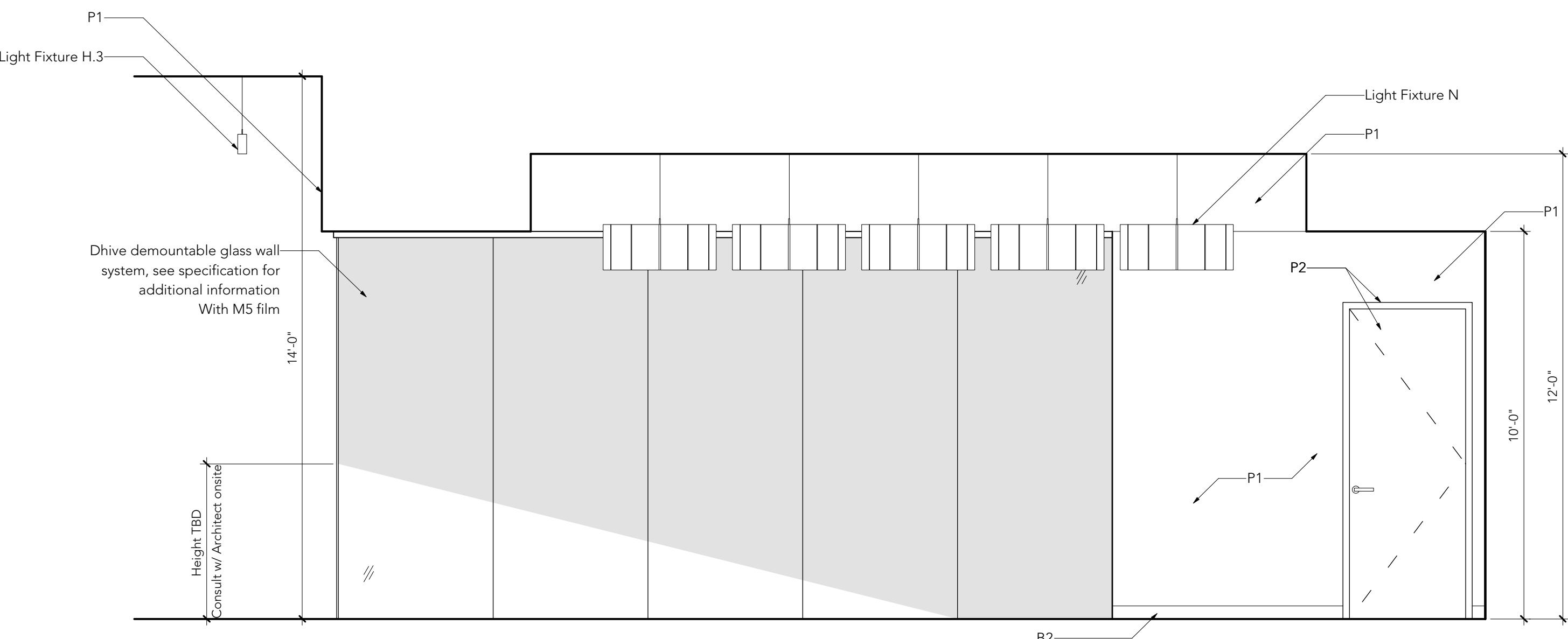
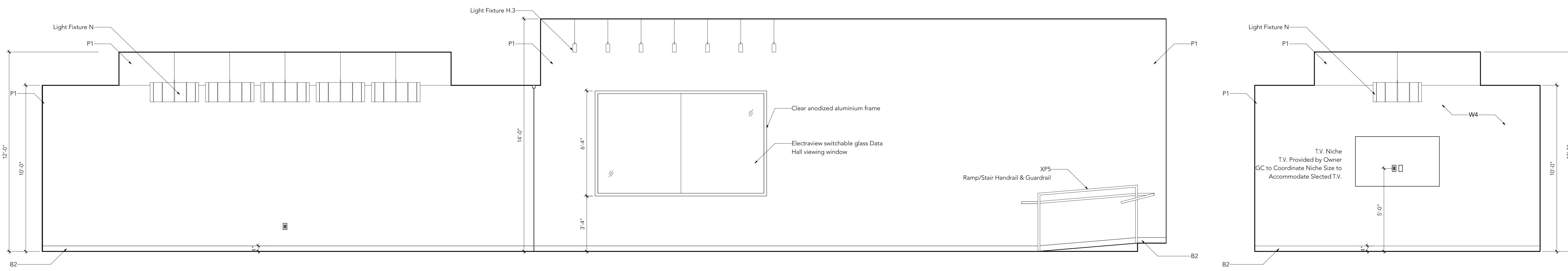
Conference 1 Elevation
Scale: 3/8" = 1'-0"
 A710

Lobby Elevations

Permit Set 02-12-2019
Bid Set 02-22-2019

Project Number: 180102

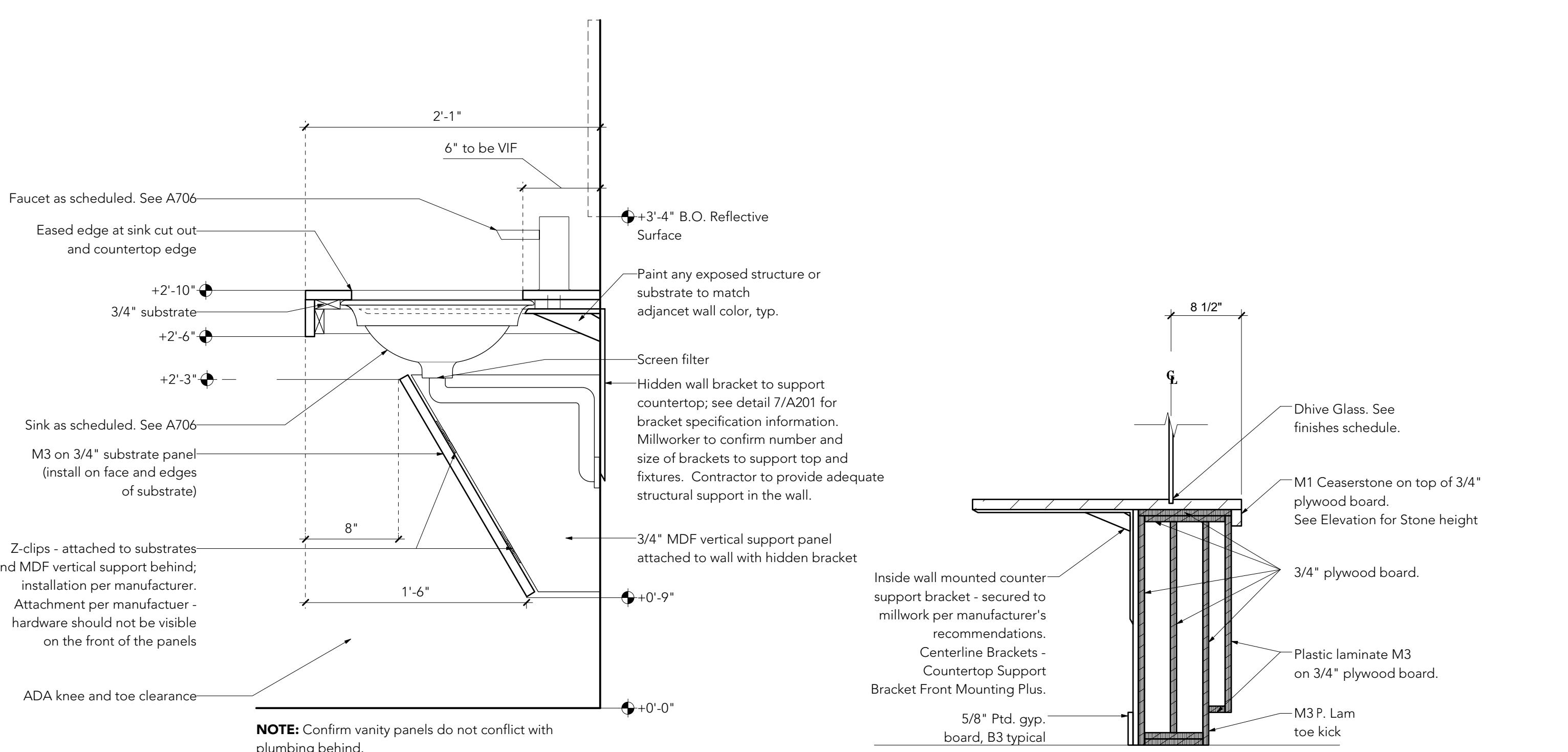
A710



Provide raceway for power and data:
millworker to provide details and
cutsheets

12353m Sunrise Valley Drive
Reston, Virginia 20191
703.448.8786
mggrouparchitects.com

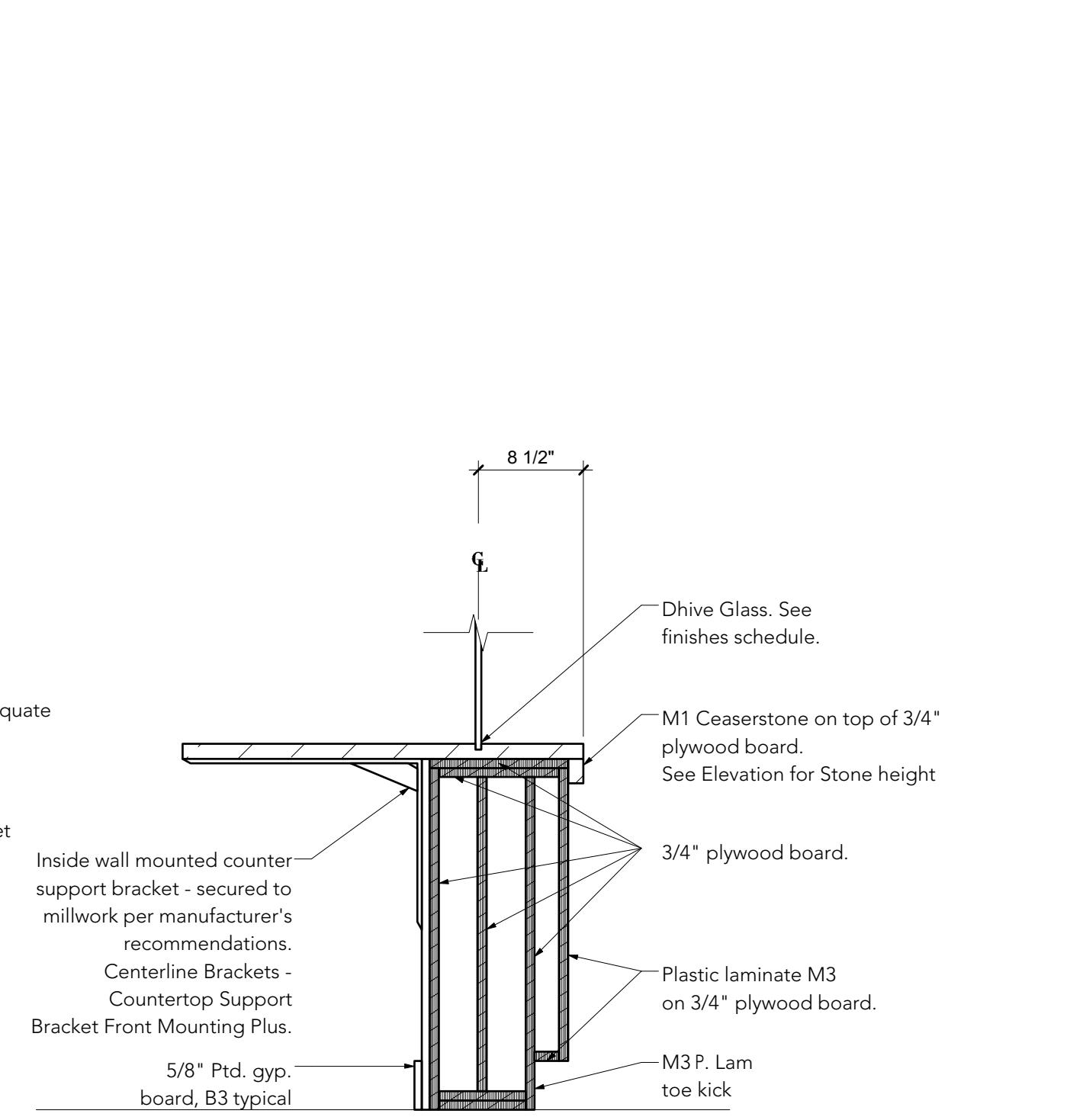
5/A800



11 Typical Restroom Vanity

A800

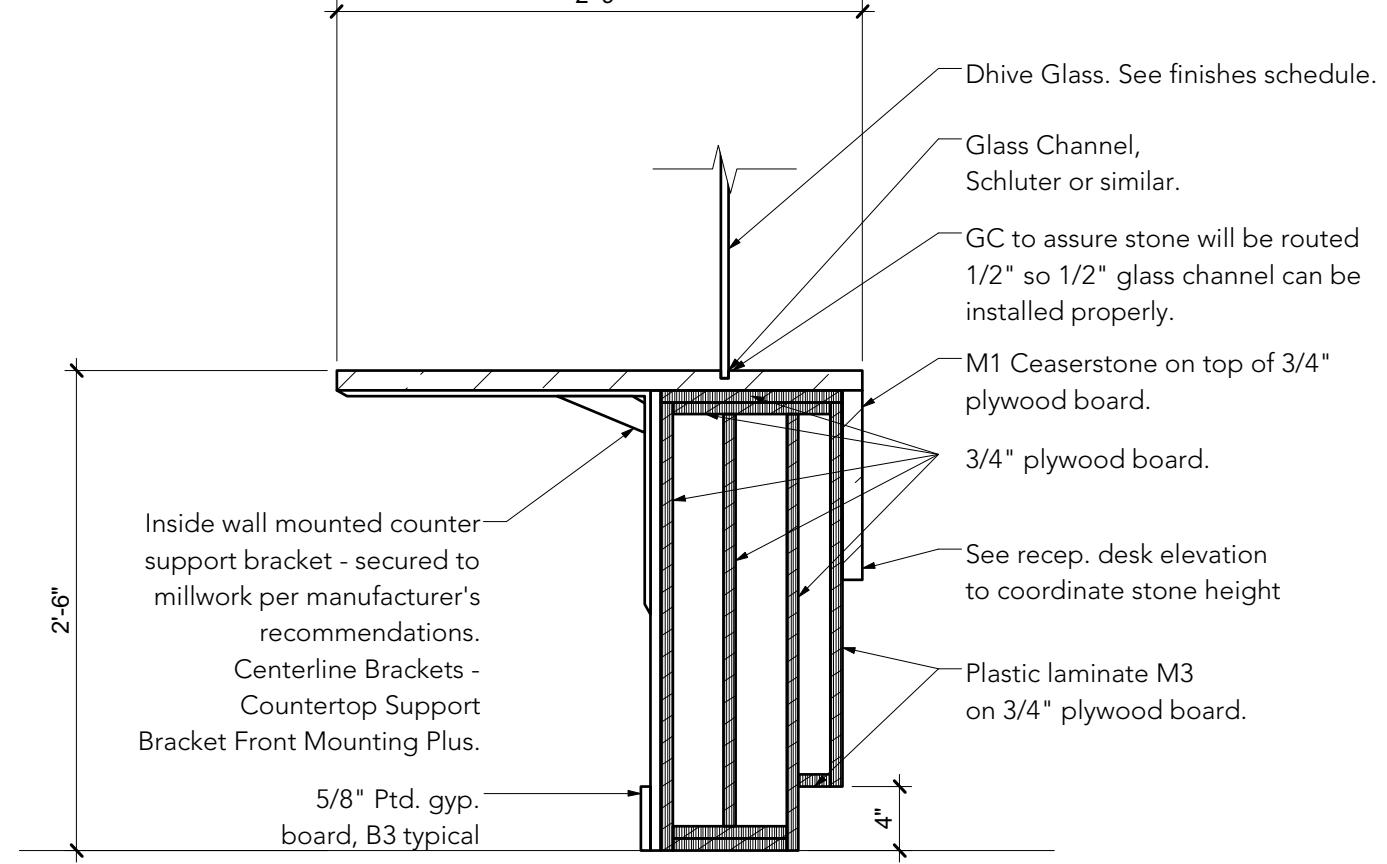
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10 DETAIL - Security Desk

A800

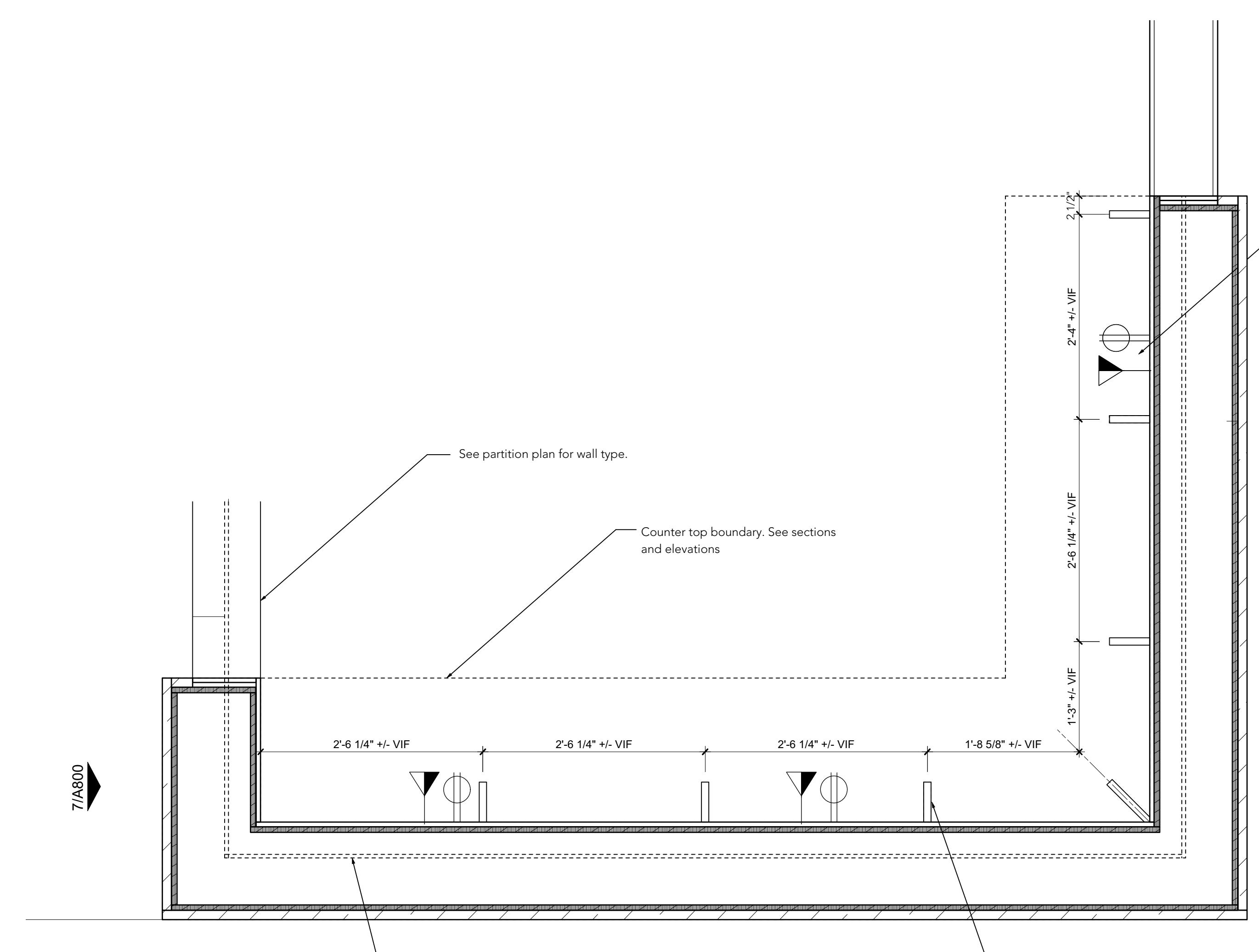
Scale: 1" = 1'-0"



9 DETAIL - Security Desk

A800

Scale: 1" = 1'-0"



6 DETAIL - Security Desk Plan

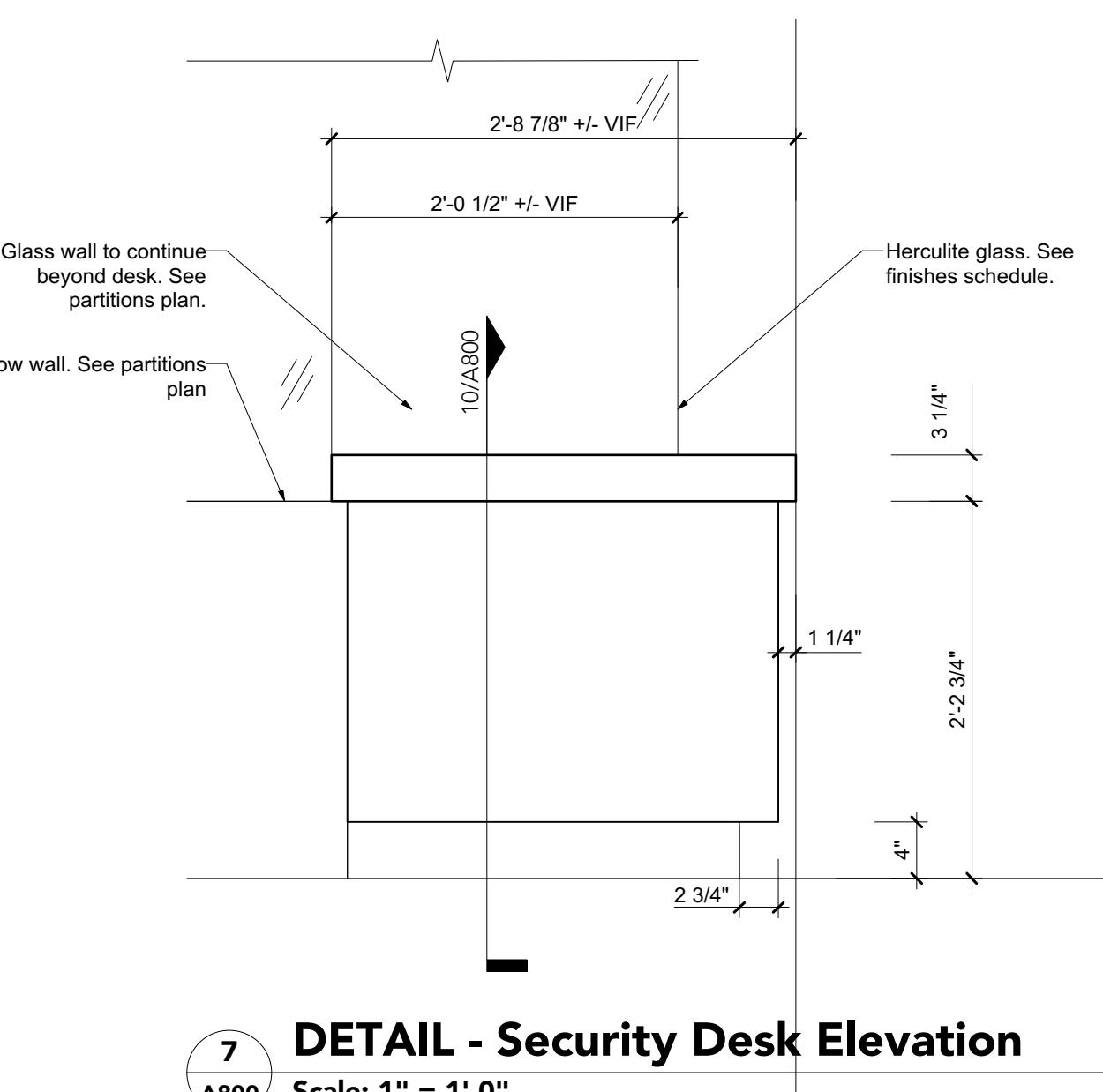
A800

Scale: 1" = 1'-0"

Cyxtex - DC7

22995 Wilder Court
Sterling, VA 20166

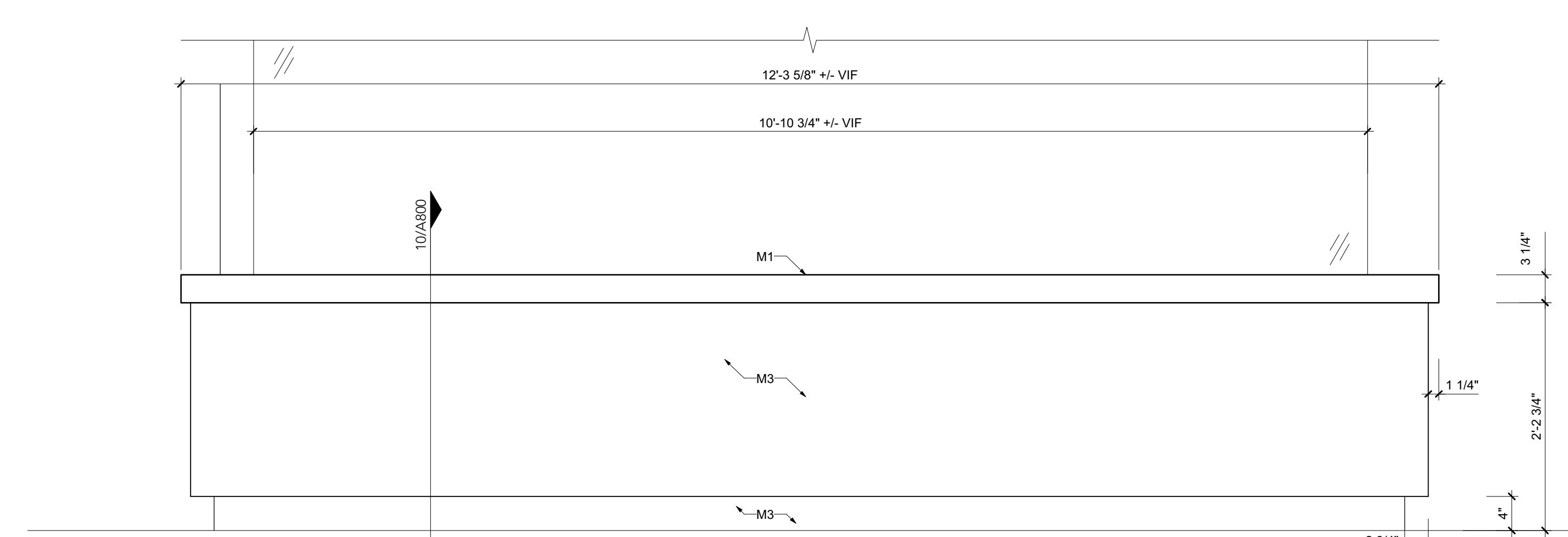
Millwork Details



7 DETAIL - Security Desk Elevation

A800

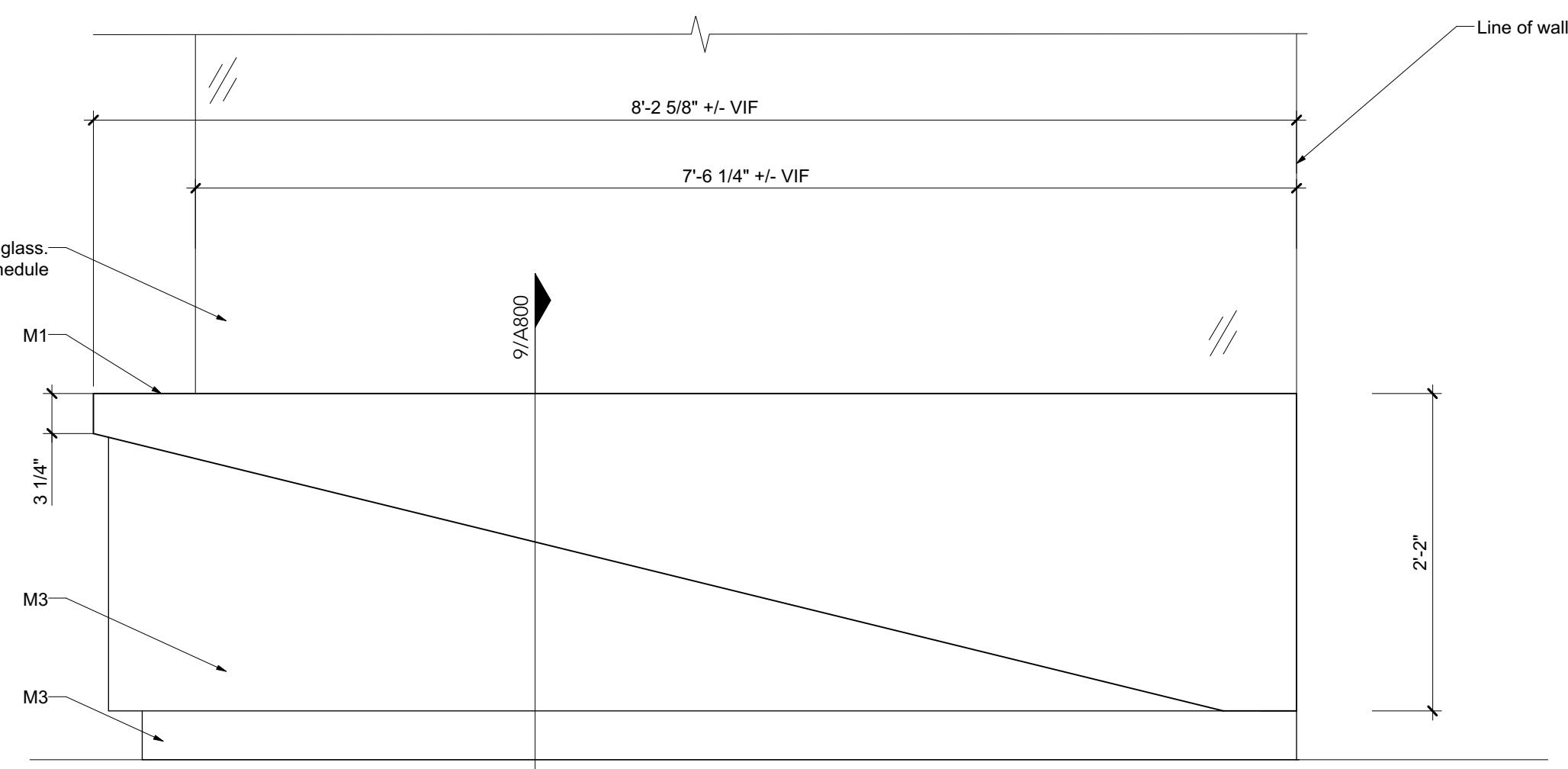
Scale: 1" = 1'-0"



6 DETAIL - Security Desk Elevation

A800

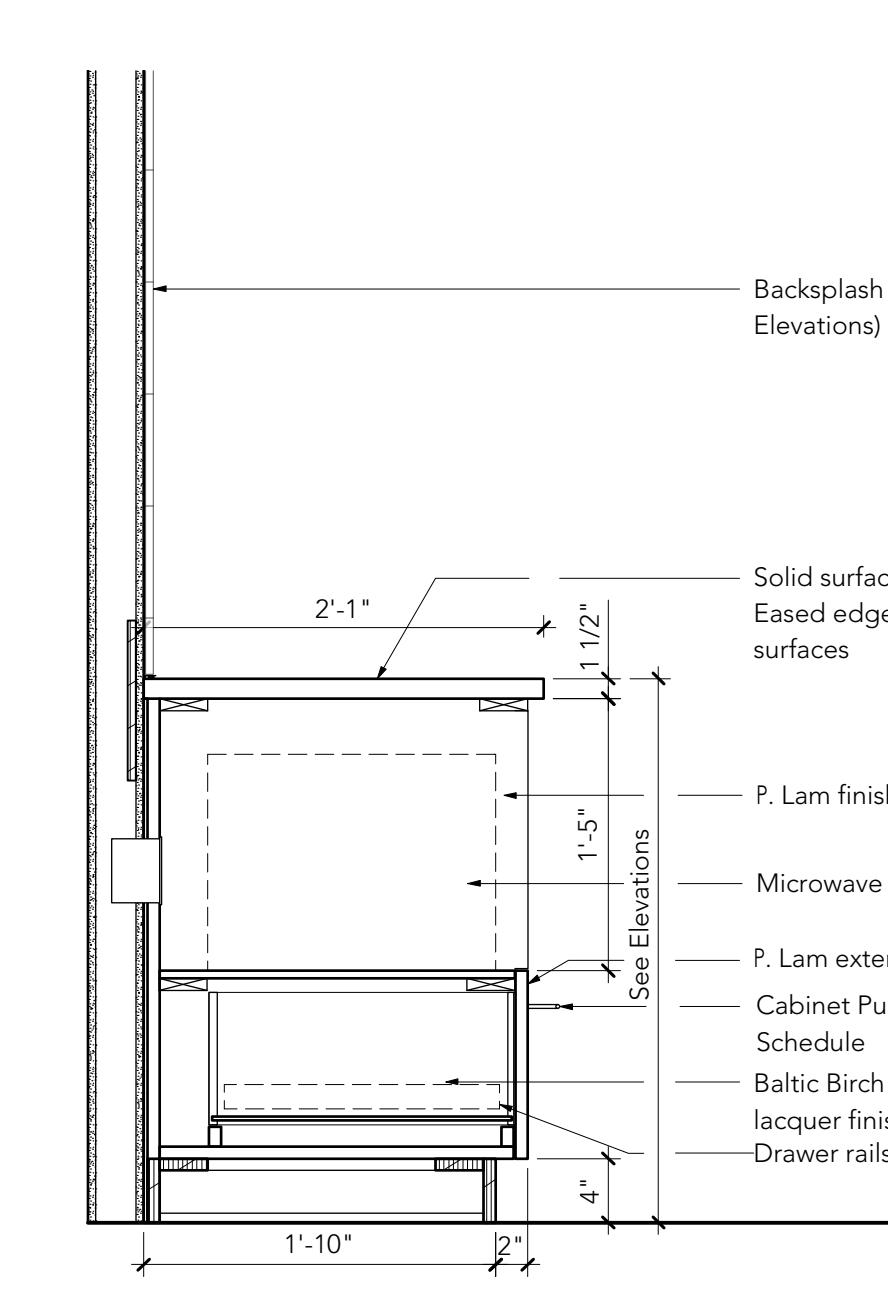
Scale: 1" = 1'-0"



5 DETAIL - Security Desk Elevation

A800

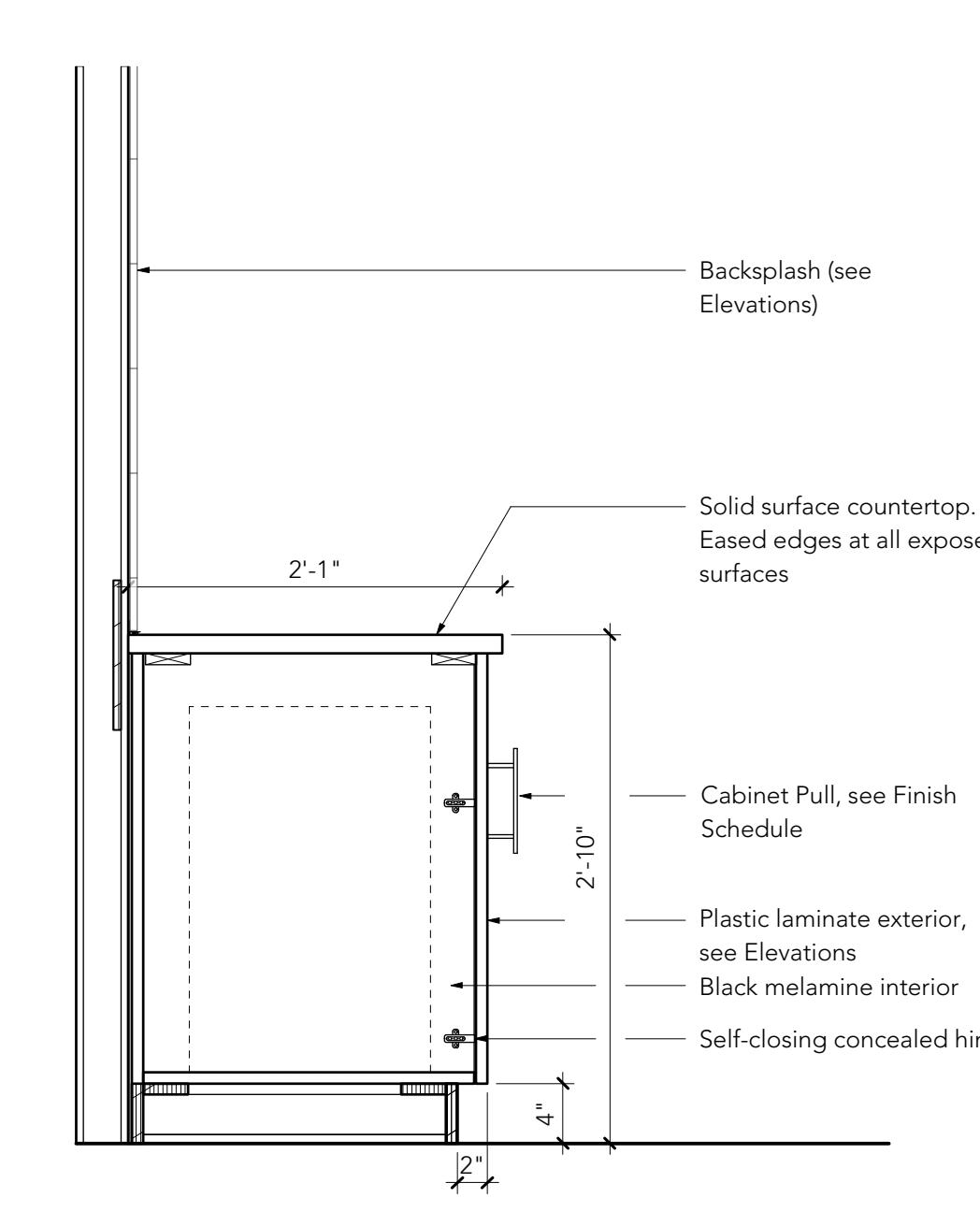
Scale: 1" = 1'-0"



4 DETAIL - Microwave Cabinet

A800

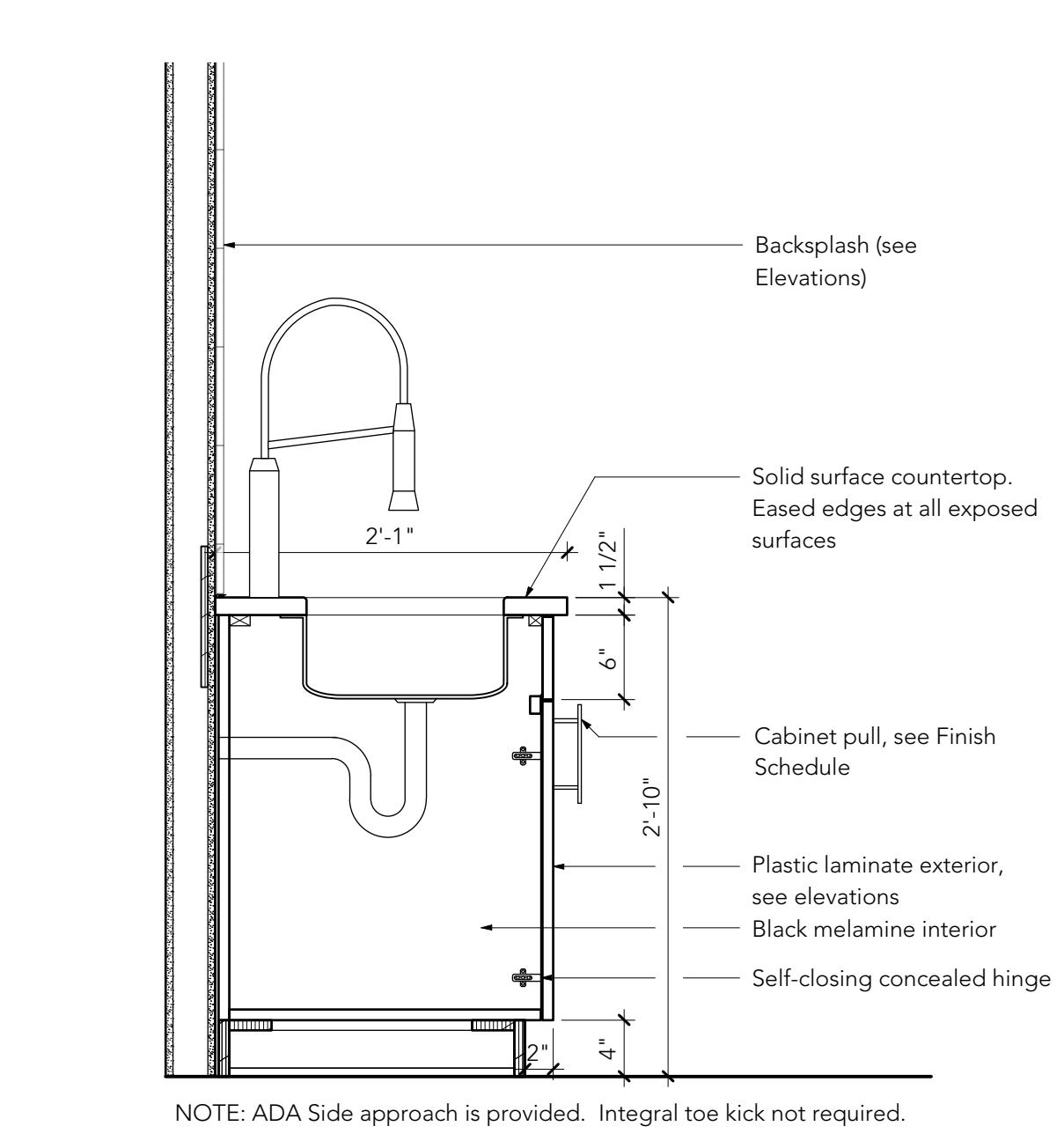
Scale: 1" = 1'-0"



3 DETAIL - Trash/Recycle Cabinet

A800

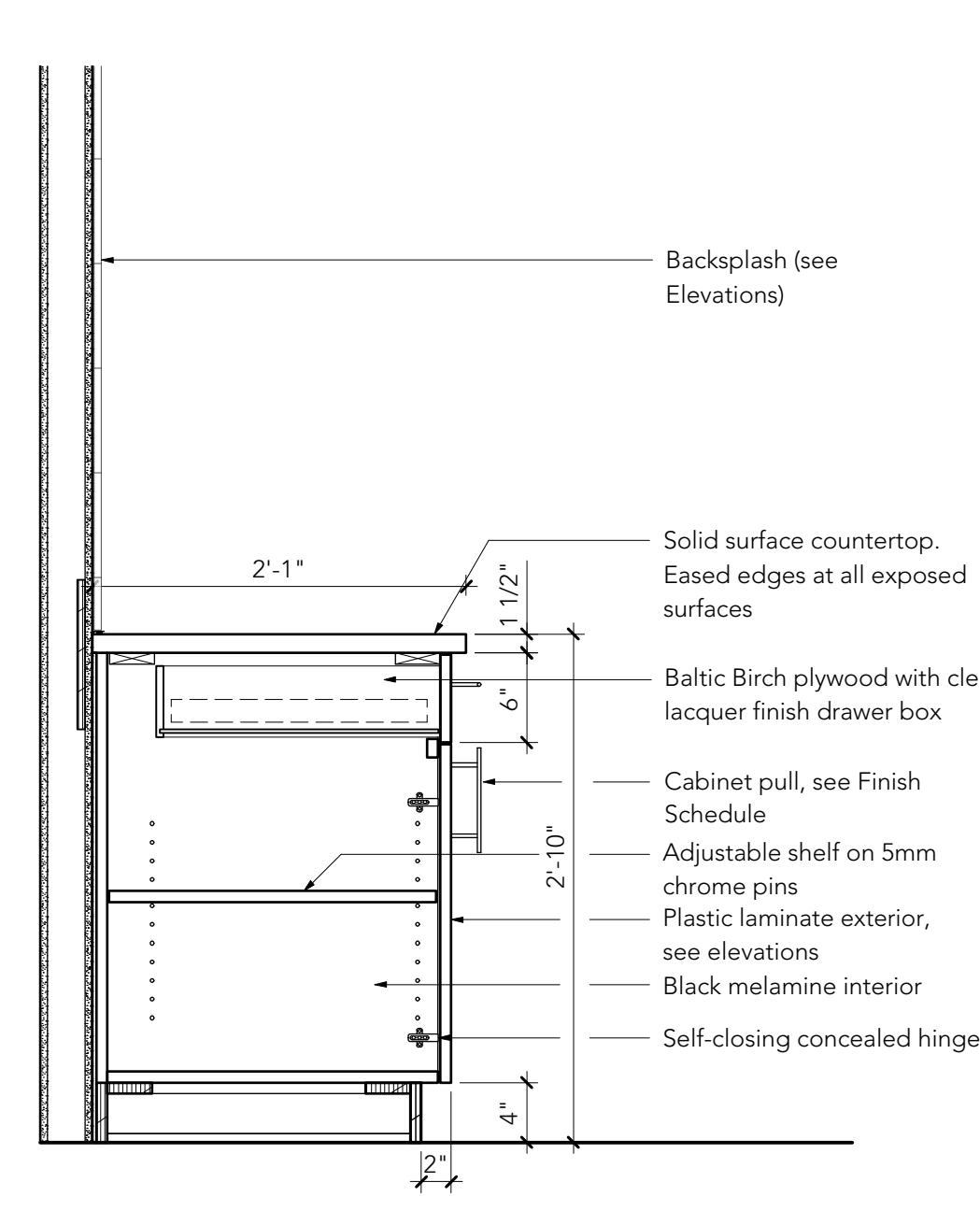
Scale: 1" = 1'-0"



2 DETAIL - Galley Sink Base

A800

Scale: 1" = 1'-0"



1 DETAIL - Galley Cabinet Base

A800

Scale: 1" = 1'-0"

Permit Set 02-12-2019
Bid Set 02-22-2019

Project Number: 180102

A800