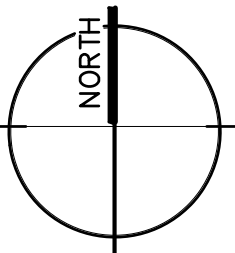
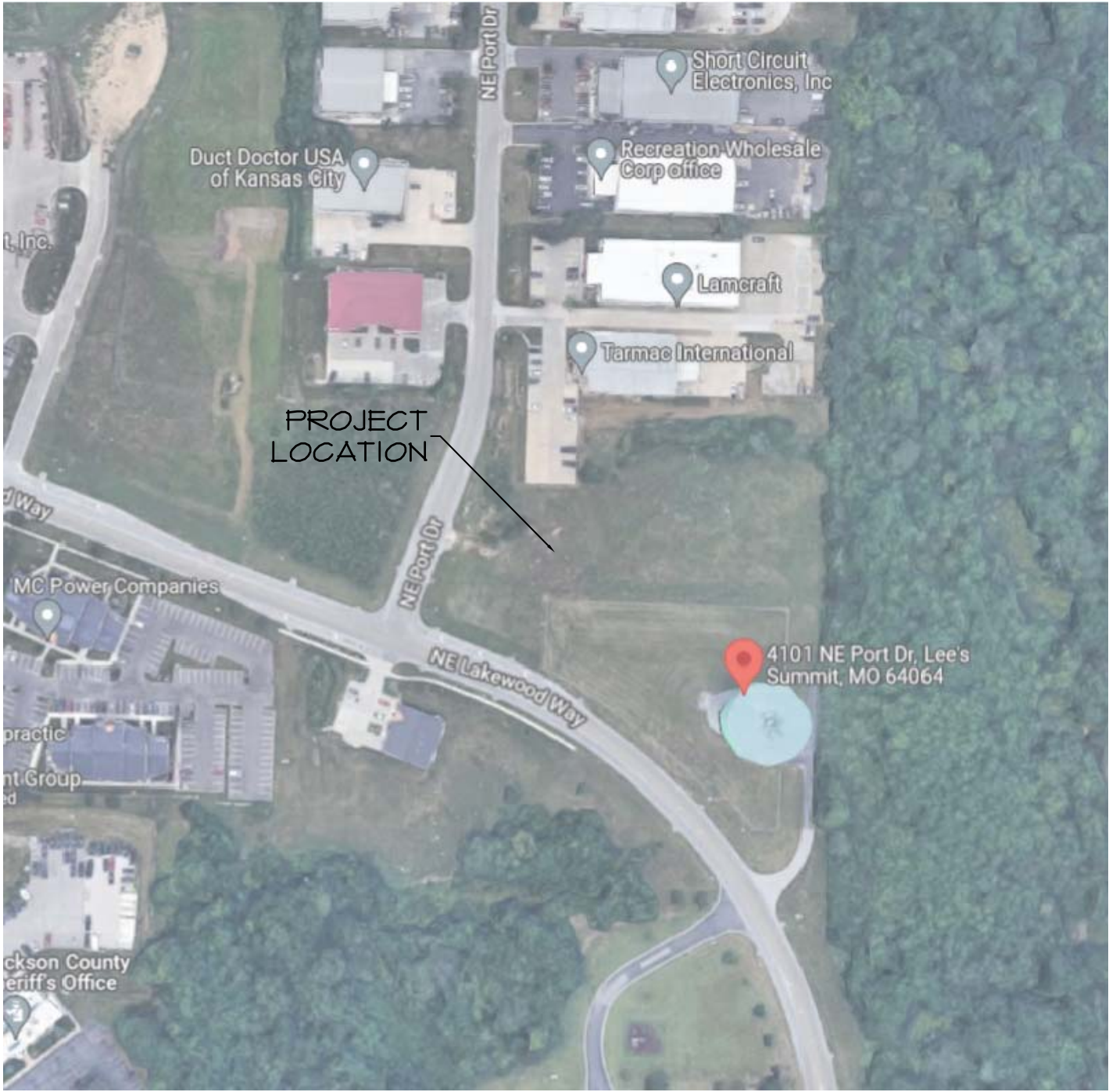




LAKEVIEW SELF STORAGE - LEE'S SUMMIT, MO



PROJECT TEAM



LOCATION MAP

ARCHITECTURAL SET

COVERCODE INFORMATION, LOCATION PLAN
A1.1.....CODE PLANS (1-3)
A1.2.....FIRE RATED DETAILS, CODE DETAILS
A2.1.....FIRST FLOOR PLAN
A2.2.....SECOND FLOOR PLAN
A2.3.....THIRD FLOOR PLAN
A2.4.....PLAN DETAILS
A2.5.....PLAN DETAILS
A2.6.....INTERIOR ELEVATIONS
A2.7.....PLAN DETAILS
A3.1.....ELEVATIONS
A3.2.....ELEVATIONS
A4.1.....WALL SECTIONS
A4.2.....WALL SECTIONS
A4.3.....WALL SECTIONS
A4.4.....WALL SECTIONS
A4.5.....WALL SECTIONS
A4.6.....WALL SECTIONS
A4.7.....WALL SECTIONS
A4.8.....WALL SECTIONS
A4.9.....WALL SECTIONS
A4.10.....WALL SECTIONS
A4.11.....WALL SECTIONS
A5.1.....ROOF PLAN & ROOF DETAILS
F1.1.....FOUNDATION PLAN
F1.2.....FOUNDATION DETAILS



LOCATION MAP

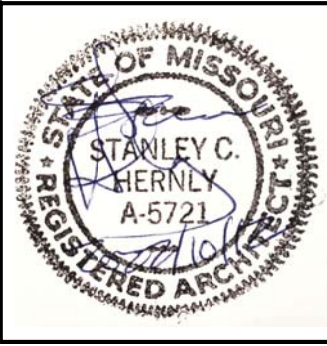
PROJECT NAME:	LAKEVIEW SELF STORAGE
PROJECT LOCATION:	4101 NE PORT DRIVE LEE'S SUMMIT, MISSOURI
PROJECT OWNERSHIP:	
ARCHITECT:	HERNLY ASSOCIATES, INC. 1100 RHODE ISLAND ST. LAWRENCE, KANSAS 66044 P. 785-749-5806 F. 785-749-1515
GENERAL CONTRACTOR:	STRICKLAND CONSTRUCTION 120 S. ROGERS ROAD, SUITE B OLATHIE, KANSAS 66062 P. 913-764-1000 F. 913-768-8425
BUILDING INSPECTION DEPT.:	DEVELOPMENT SERVICES 220 SE GREEN LEE'S SUMMIT, MO 64063 816-469-1200
CODES/REGULATIONS UTILIZED:	2018 International Building Code 2018 International Mechanical Code 2017 National Electrical Code 2018 Uniform Plumbing Code 2018 International Fire Code 2012 International Energy Conservation Code ICC/ANSI A117.1 - 2009 Accessibility and Usability Code
CONSTRUCTION:	METAL STUDS, STEEL DECK/ CONCRETE TOPPING, METAL PANEL, MASONRY VENEER
CONSTRUCTION TYPE:	TYPE II-B - FULLY SPRINKLED THREE FLOOR SELF STORAGE FACILITY W/ OFFICE
OCCUPANCY GROUPS:	SELF STORAGE - GROUP S-1 OFFICE/RETAIL - GROUP B
OCCUPANCY SEPARATIONS:	NONE REQUIRED
FIRE RESISTANCE RATINGS:	STRUCTURAL FRAME = 0 BEARING WALLS = 0 PARTITIONS = 0 FLOOR CONSTRUCTION = 0 ROOF CONSTRUCTION = 0 CORRIDORS = 0 SHAFT CONSTRUCTION = 1-HOUR
FIRE SAFETY:	
AUTOMATIC FIRE SPRINKLER THROUGHOUT	NFPA 13
FIRE ALARM SYSTEM & SMOKE DETECTION	AS REQ.
FIRE EXTINGUISHERS	2a-10bc (LOCATE PER LOCAL FIRE DEPT.) ALL EXTINGUISHERS IN PLAIN VIEW, MOUNTED W/ SIGNAGE ABOVE IF NEEDED. MUST COMPLY WITH IFC 906.3 AND MUST FOLLOW IFC 906 FOR TRAVEL DISTANCE (15' MIN)
EMERGENCY/EXIT LIGHTING	PER ELEC. DRAWINGS
SAFETY GLAZING	PROVIDE SAFETY GLAZING IN DOORS AND FIXED PANELS ADJACENT TO DOORS COMPLYING WITH 2009 IBC CHAPTER 24

ALLOWABLE BUILDING HEIGHT:	3-STORY, 15 FEET (FULLY SPRINKLED)
ACTUAL BUILDING HEIGHT:	3-STORY, 38'-2" (OK)
BASE ALLOWABLE BUILDING AREA:	52,500 S.F. PER STORY (FULLY-SPRINKLED, MULTISTORY)
ACTUAL FLOOR AREAS:	PROPOSED FLOOR AREA: 1ST FLOOR - GROUP S-1, B = 34,375 S.F. (OK) 2ND FLOOR - GROUP S-1 = 33,284 S.F. (OK) 3RD FLOOR - GROUP S-1 = 34,426 S.F. (OK)
OCCUPANT LOAD FACTORS:	S-1 STORAGE WAREHOUSE = 500 BUSINESS = 150
OCCUPANT LOADS:	STORAGE: FIRST FLOOR = 33,175/500 = 67 SECOND FLOOR = 33,284/500 = 67 THIRD FLOOR = 34,426/500 = 69 RETAIL/OFFICE: FIRST FLOOR = 1200/150 = 8 = 211 TOTAL
EGRESS REQUIREMENTS:	EXITS REQUIRED: 2 PER FLR. @ 0.1, 1 AND 500 (100 OCC.) EXITS PROVIDED: 2+ ALL FLOORS (OK) EGRESS WIDTH REQ: 1ST - 75' O.L. x 0.15" = 11.25" EGRESS WIDTH PROVIDED: 176" (OK) 2ND - 67' O.L. x 0.15" = 10.1" EGRESS WIDTH PROVIDED: 140" (OK) 3RD - 69' O.L. x 0.20" = 13.8" EGRESS WIDTH PROVIDED: 12" (OK)
MAX. ALLOWABLE TRAVEL DISTANCE:	= 250 FEET
ACTUAL MAX. TRAVEL DISTANCE:	FIRST FLOOR = 191'-3" SECOND FLOOR = 147'-10" THIRD FLOOR = 207'-8"

This project has been designed by this office for compliance with applicable laws, codes and ordinances including the ADA Title III guidelines. Since the requirements of these regulations are subject to various and possibly contradictory interpretations, reasonable professional efforts have been used to interpret applicable requirements. No warranty or guarantee is given that the project complies with all interpretations as they apply to the project.



LAKEWOOD STORAGE
4101 NE PORT DRIVE
LEE'S SUMMIT, MO

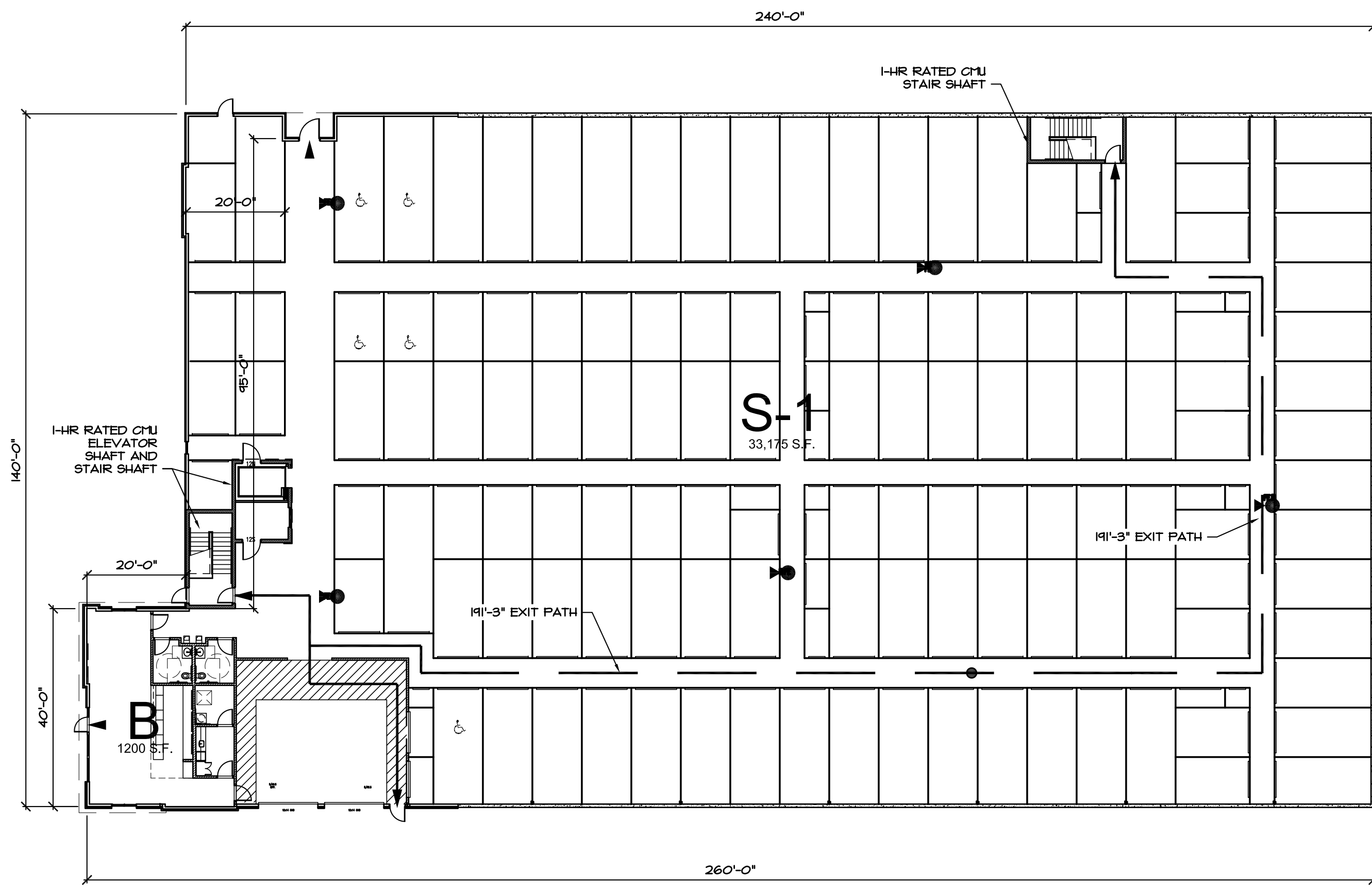


Hernly
ASSOCIATES

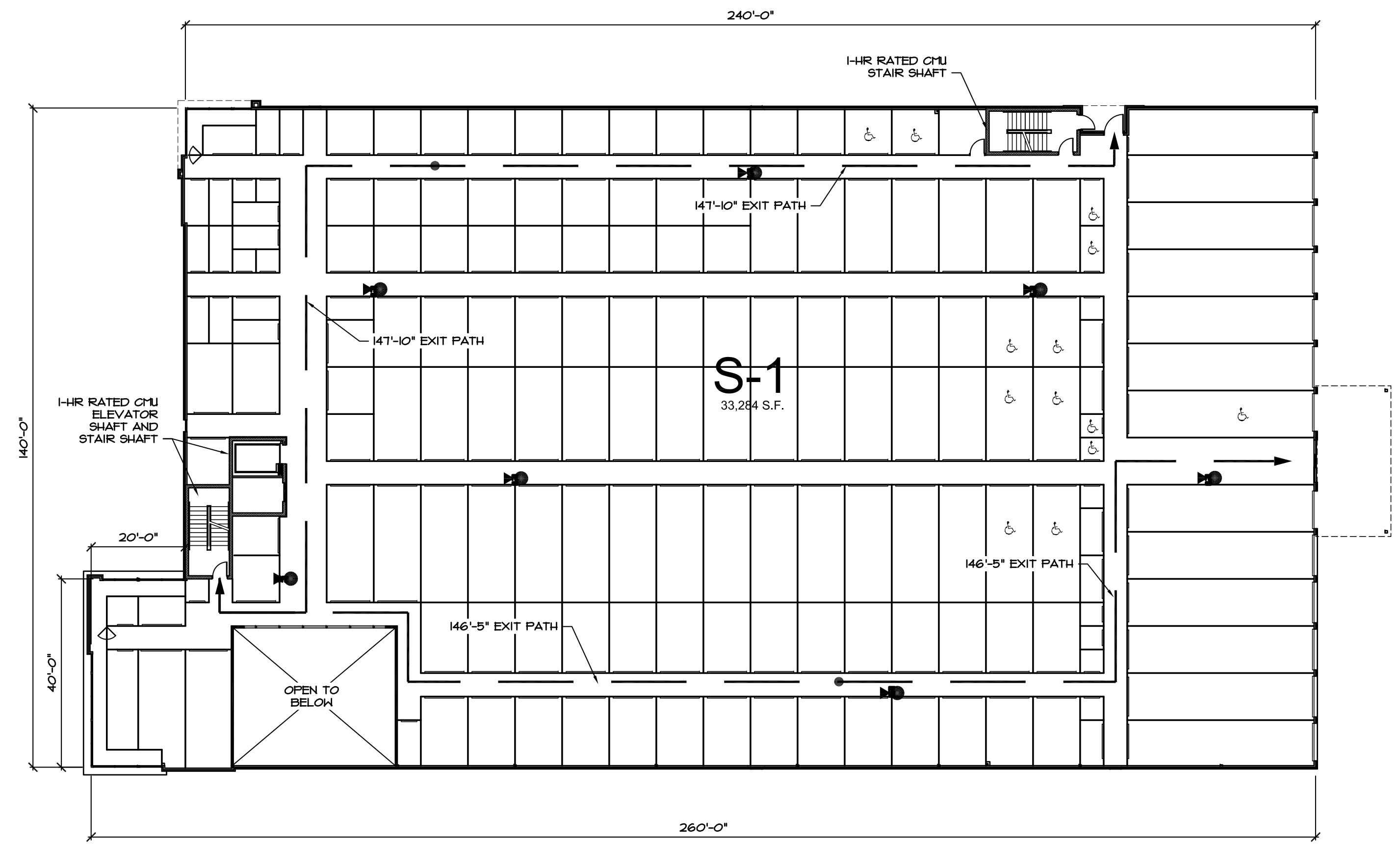
1100 Rhode Island
Lawrence, Kansas
66044
785 - 749 - 5806
FAX 785 - 749 - 1515

COVER SHEET
SHEET INDEX

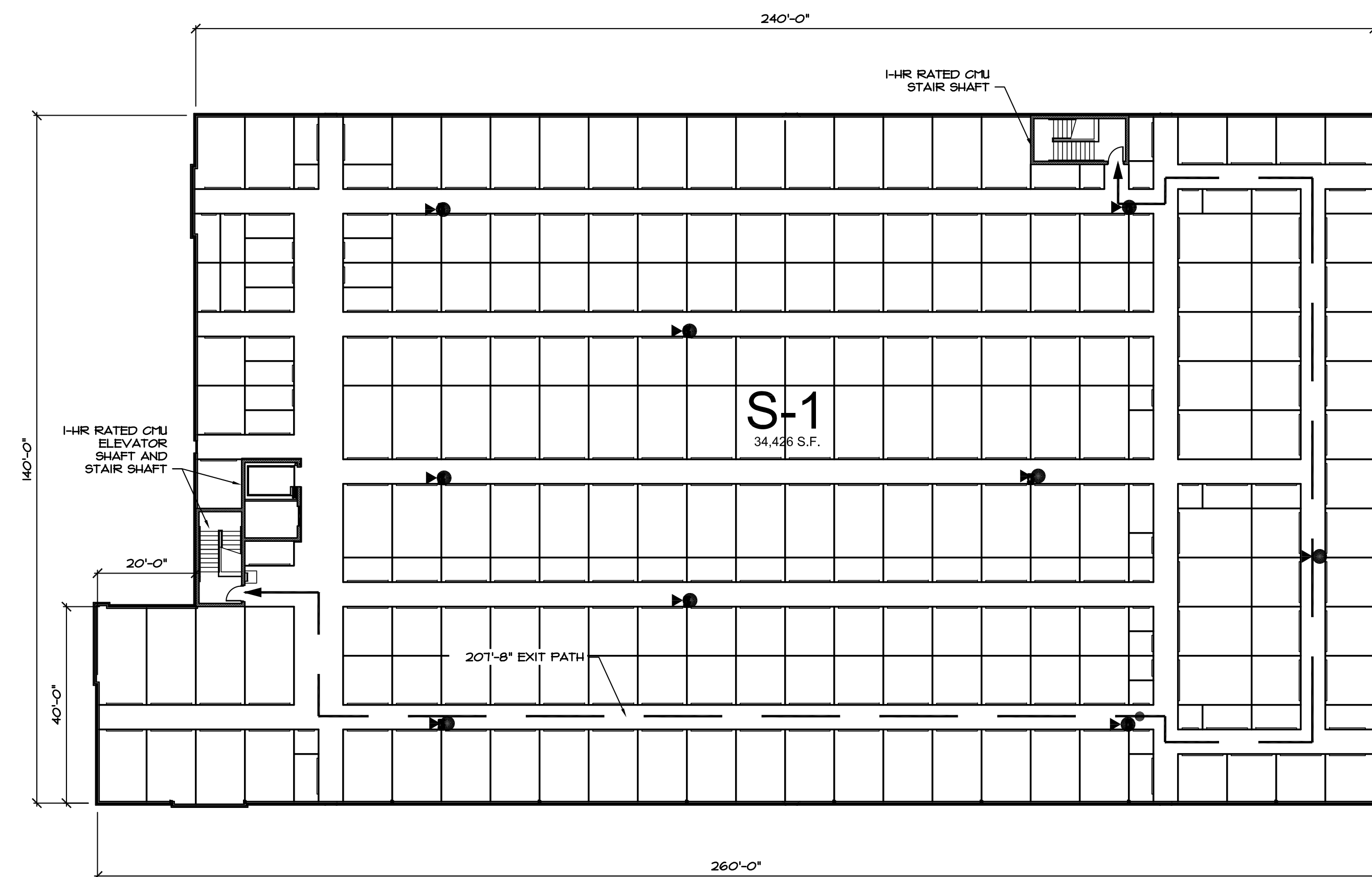
Date: 2022/11/08
Drawn by: SJB
Checked by: SCH
Revisions:



1 FIRST FLOOR CODE PLAN - 34,375 S.F.
1" = 20'-0"



2 SECOND FLOOR CODE PLAN - 33,284 S.F.
1" = 20'-0"

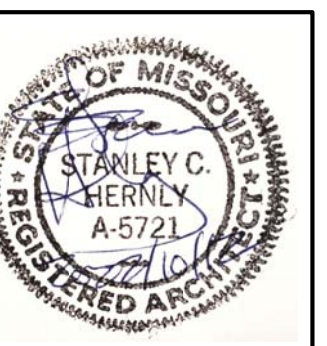


1 THIRD FLOOR CODE PLAN - 34,426 S.F.
1" = 20'-0"

SELF STORAGE UNITS MARKED WITH A HANDICAP SYMBOL TO BE ACCESSIBLE AND FOLLOW ACCESSIBILITY STANDARDS	
TABLE 225.3	
TOTAL SPACES IN FACILITY	MINIMUM NUMBER OF SPACES REQUIRED TO BE ACCESSIBLE
1 TO 200	5%, BUT NOT LESS THAN 1
201 AND OVER	10, PLUS 2% OF THE TOTAL NUMBER OF UNITS OVER 200
SECTION 225.3.1 DISPERSION.	
INDIVIDUAL SELF-SERVICE STORAGE SPACES SHALL BE DISPERSED THROUGHOUT THE VARIOUS CLASSES OF SPACES PROVIDED. WHERE MORE CLASSES OF SPACES ARE PROVIDED THAN THE NUMBER REQUIRED TO BE ACCESSIBLE, THE NUMBER OF SPACES SHALL NOT BE REQUIRED TO EXCEED THAT REQUIRED BY TABLE 225.3. SELF-SERVICE STORAGE SPACES COMPLYING WITH TABLE 225.3 SHALL NOT BE REQUIRED TO BE DISPERSED AMONG BUILDINGS IN A MULTI-BUILDING FACILITY.	
ACCESSIBLE UNITS MUST MEET THE FOLLOWING CRITERIA:	
403.3 ACCESSIBLE ROUTE	THE RUNNING SLOPE OF WALKING SURFACES NOT STEEPER THAN 1:20. THE CROSS SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:48.
404.2.5 THRESHOLDS	1/2" HIGH MAXIMUM
404.2.7 DOOR HARDWARE	OPERABLE PARTS OF HARDWARE SHALL BE 34" MIN. AND 48" MAX. ABOVE FINISHED FLOOR OR GROUND
404.2.9 DOOR OPENING FORCE	5 POUNDS MAXIMUM
ACCESSIBLE UNITS MUST ALSO PROVIDE ACCESSIBLE ROUTES TO ACCESSIBLE MEANS OF EGRESS, PARKING SPACES, AND COMMON USE ELEMENTS & FACILITIES (TOILET ROOMS, DRINKING FOUNTAINS, ETC.).	
PROVIDE JANUS ADA KIT (THREE STRAPS AND ACCESSIBLE SIGN) -JANUS TO INSTALL.	
ADA CALCULATIONS:	
590 UNITS	
=200 UNITS	
390 UNITS X .02 = 7.8 SPACES + 10 SPACES = 18 SPACES REQUIRED	



LAKEWOOD STORAGE
4101 NE PORT DRIVE
LEE'S SUMMIT, MO



Hernly ASSOCIATES

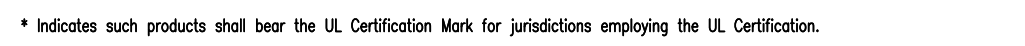
1100 Rhode Island
Lawrence, Kansas
66044
785-749-5806
FAX 785-749-1515

CODE PLANS

Date: 2022/11/08
Drawn by: SJB
Checked by: SCH
Revisions:

A1.1

A horizontal line representing a beam with three vertical tick marks. The segment between the first and second tick marks is labeled "24 in". The segment between the second and third tick marks is also labeled "24 in".



1. Concrete Block* - Various designs. Classification C-3 (3 hr.)
2. Mortar - Blocks laid in full bed of mortar, nom. $\frac{1}{2}$ in. thick, of not less than 2-1/4 and not more the 3-1/2 parts of clean sharp sand to 1 part Portland cement (proportioned by volume) and not more than 50 percent hydrated lime (by cement volume). Vertical joints staggered.
3. Portland Cement Stucco or Gypsum Plaster - Add $\frac{1}{2}$ hr. to classification if used. Attached to concrete blocks (Item 1).
4. Loose Masonry Fill - If all core spaces are filled with loose dry expanded slag, expanded clay or shale (Rotary Kib Process), water repellent vermiculite masonry fill insulation, or silicone treated perlite loose fill insulation add 1 hr. to Classification.



- [illegible]



- [illegible]

Page 1 of 2

$$1/4'' = 1'-0''$$
$$1/4'' = 1'-0''$$


1000

1000



LAKESWOOD STORAGE
4101 NE PORT DRIVE
LEE'S SUMMIT, MO



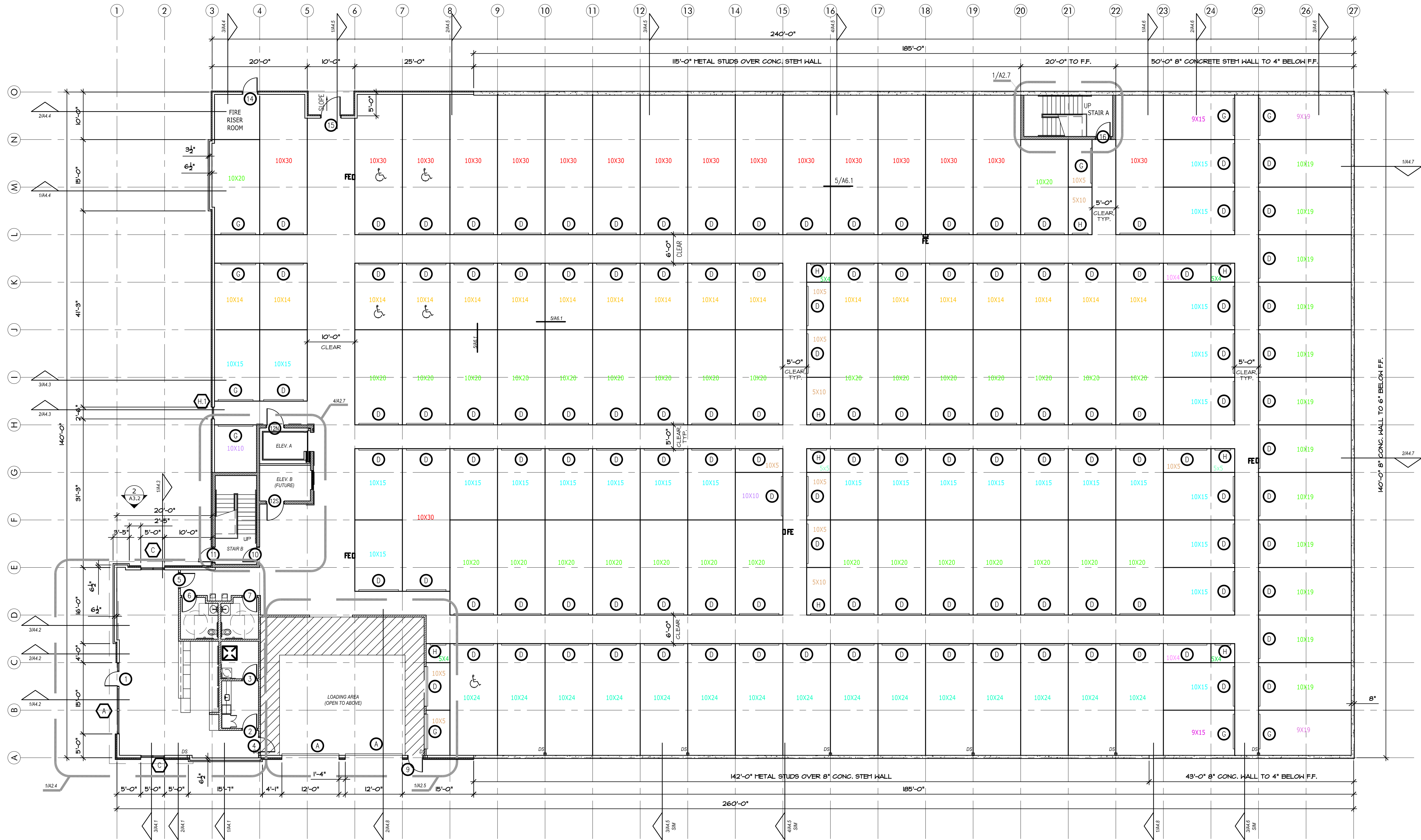
Hernly
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FAX 785-749-1515

1ST STORY PLAN

Date: 2022/11/08
Drawn by: SJB
Checked by: SCH
Revisions:

A2.1



FLOOR PLAN LEGEND	
	METAL PARTITION SYSTEM (CORRIDOR SIDE OF PARTITION EXCEPT WHERE NOTED OTHERWISE) HALLWAYS TO BE JANUS CORRUGATED METAL PARTITIONS TYP. -REFER DETAIL 5/A6.1
	INSULATED METAL WALL PANEL -REF. ELEVATIONS SHEET FOR EXTENTS OF EXTERIOR FINISHES.
	GYP. BD. ON METAL STUD FRAMING -REFER PARTITION TYPES, SHEET A6.1
	1-HOUR FIRE-RATED WALL @ STAIRS, ELEVATOR, AND FIRE RISER ROOM
	8" CONCRETE STEM WALL
	INSULATED METAL PARTITION SYSTEM REFER TO DETAIL SHEET 4/A6.1

GENERAL NOTES (TYPICAL ALL SHEETS)	
1. INTERIOR AND EXTERIOR STORAGE UNIT SIGNAGE TO BE APPROVED BY OWNER. SIGNAGE TO BE PROVIDED AND INSTALLED BY GENERAL CONTRACTOR.	8. PROVIDE & INSTALL FIRE EXTINGUISHERS (FE) WALL CABINETS. RECESS CABINETS @ 48" A.F.F. RECESSED, FLUSH WITH WALL AT ALL INTERIOR APPLICATIONS. MOUNT TO PIERS. 48" A.F.F. IN HEAVY DUTY OUTDOORS FIRE EXTINGUISHER CABINET AT ALL EXTERIOR APPLICATIONS. LOCATE ONE CLASS 2-A FIRE EXTINGUISHER SO THAT MAX. TRAVEL DISTANCE IS 75 L.F. W/ A MINIMUM OF 1 FOR EVERY 11,250 S.F. PER TABLE 906.3(1) OF THE 2015 INTERNATIONAL FIRE CODE OR AS DIRECTED BY LOCAL AUTHORITIES HAVING JURISDICTION. (KEYED ON FLOOR PLANS) FURR OUT WALL IN FE LOCATIONS W/ 6" METAL STUDS AND METAL WALL PANEL EACH SIDE.
2. GENERAL CONTRACTOR TO COORDINATE ALL FOUNDATION PENETRATIONS WITH STRUCTURAL ENGINEER.	9. FLOOR FINISH CONCRETE TO BE POLISHED CONCRETE IN CORRIDORS ONLY. (EXCLUDING STORAGE UNITS)
3. ROOF PANELS TO BE 60 MIL TPO ROOF TO MEET LOCAL WIND LOAD REQUIREMENTS ENGINEERED BY METAL BUILDING MANUFACTURER.	10. BUILDING MUST COMPLY W/ LOCAL AMERICAN W/ DISABILITIES ACT -REF. SHEET A2.6
4. GENERAL CONTRACTOR/TPO ROOFING SUBCONTRACTOR TO SIZE/SPACE INTERNAL ROOF DRAINS AS REQUIRED TO MEET LOCAL REQUIREMENTS. SECONDARY ROOF DRAINS TO BE PROVIDED. GENERAL CONTRACTOR TO COORDINATE CONNECTION TO UNDERGROUND STORM DRAIN.	11. FURR OUT WALL IN ELECTRICAL ROOMS TO RECESS ELECTRICAL PANEL.
5. GENERAL CONTRACTOR IS TO SUBMIT ALL SAMPLES OF PRODUCTS, ETC. TO OWNER FOR APPROVAL/ SELECTION OF ALL COLORS, FINISHES, ETC. PRIOR TO PURCHASE AND INSTALLATION	12. ALL INTERIOR CMU TO BE PAINTED SW PRO CLASSIC B31 SERIES PAINT EXCLUDING INSIDE OF INDIVIDUAL STORAGE UNITS. ALL CMU INSIDE INDIVIDUAL STORAGE UNITS NOT TO BE PAINTED OR SEALED.
6. ALL EXTERIOR WALL DIMENSIONS ARE TO FOUNDATION (INCL. LUG) UNLESS NOTED OTHERWISE. 3RD FLOOR EXTERIOR WALL DIMENSIONS ARE TO FINISH MATERIAL. ALL INTERIOR DIMENSIONS ARE TO OUTER FACE OF MATERIAL USED UNLESS NOTED OTHERWISE.	13. FIRE RISER ROOM TO HAVE 1-HR FIRE-RATED WALLS AND CEILING -REFER UL-FIRE-RATED ASSEMBLIES, SHEET A1-3
7. NOT USED.	14. GENERAL CONTRACTOR TO COORDINATE STANDPIPE/FIRE SPRINKLER DESIGN WITH ROOM SIZE AND CONFIGURATION.

SELF STORAGE UNITS MARKED WITH A HANDICAP SYMBOL TO BE ACCESSIBLE AND FOLLOW ACCESSIBILITY STANDARDS	
TABLE 225.3	
TOTAL SPACES IN FACILITY	MINIMUM NUMBER OF SPACES REQUIRED TO BE ACCESSIBLE
1 TO 200	5%, BUT NOT LESS THAN 1
201 AND OVER	10, PLUS 2% OF THE TOTAL NUMBER OF UNITS OVER 200
SECTION 225.3.1 DISPERSION.	
INDIVIDUAL SELF-SERVICE STORAGE SPACES SHALL BE DISPERSED THROUGHOUT THE VARIOUS CLASSES OF SPACES PROVIDED. WHERE MORE CLASSES OF SPACES ARE PROVIDED THAN THE NUMBER REQUIRED TO BE ACCESSIBLE, THE NUMBER OF SPACES SHALL NOT BE REQUIRED TO EXCEED THAT REQUIRED BY TABLE 225.3. SELF-SERVICE STORAGE SPACES COMPLYING WITH TABLE 225.3 SHALL NOT BE REQUIRED TO BE DISPERSED AMONG BUILDINGS IN A MULTI-BUILDING FACILITY.	
ACCESSIBLE UNITS MUST MEET THE FOLLOWING CRITERIA:	
403.3 ACCESSIBLE ROUTE	THE RUNNING SLOPE OF WALKING SURFACES NOT STEEPER THAN 1:20. THE CROSS SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:48.
404.2.5 THRESHOLDS	1/2" HIGH MAXIMUM
404.2.7 DOOR HARDWARE	OPERABLE PARTS OF HARDWARE SHALL BE 34" MIN. AND 48" MAX. ABOVE FINISHED FLOOR OR GROUND
404.2.9 DOOR OPENING FORCE	5 POUNDS MAXIMUM
ACCESSIBLE UNITS MUST ALSO PROVIDE ACCESSIBLE ROUTES TO ACCESSIBLE MEANS OF EGRESS, PARKING SPACES, AND COMMON USE ELEMENTS & FACILITIES (TOILET ROOMS, DRINKING FOUNTAINS, ETC.).	
PROVIDE JANUS ADA KIT (THREE STRAPS AND ACCESSIBLE SIGN) -JANUS TO INSTALL	
ADA CALCULATIONS:	
590 UNITS	
=200 UNITS	
390 UNITS X .02 = 7.8 SPACES + 10 SPACES = 18 SPACES REQUIRED	

1 FIRST STORY PLAN
3/32" = 1'-0"



LAKWOOD STORAGE
4101 NE PORT DRIVE
LEE'S SUMMIT, MO



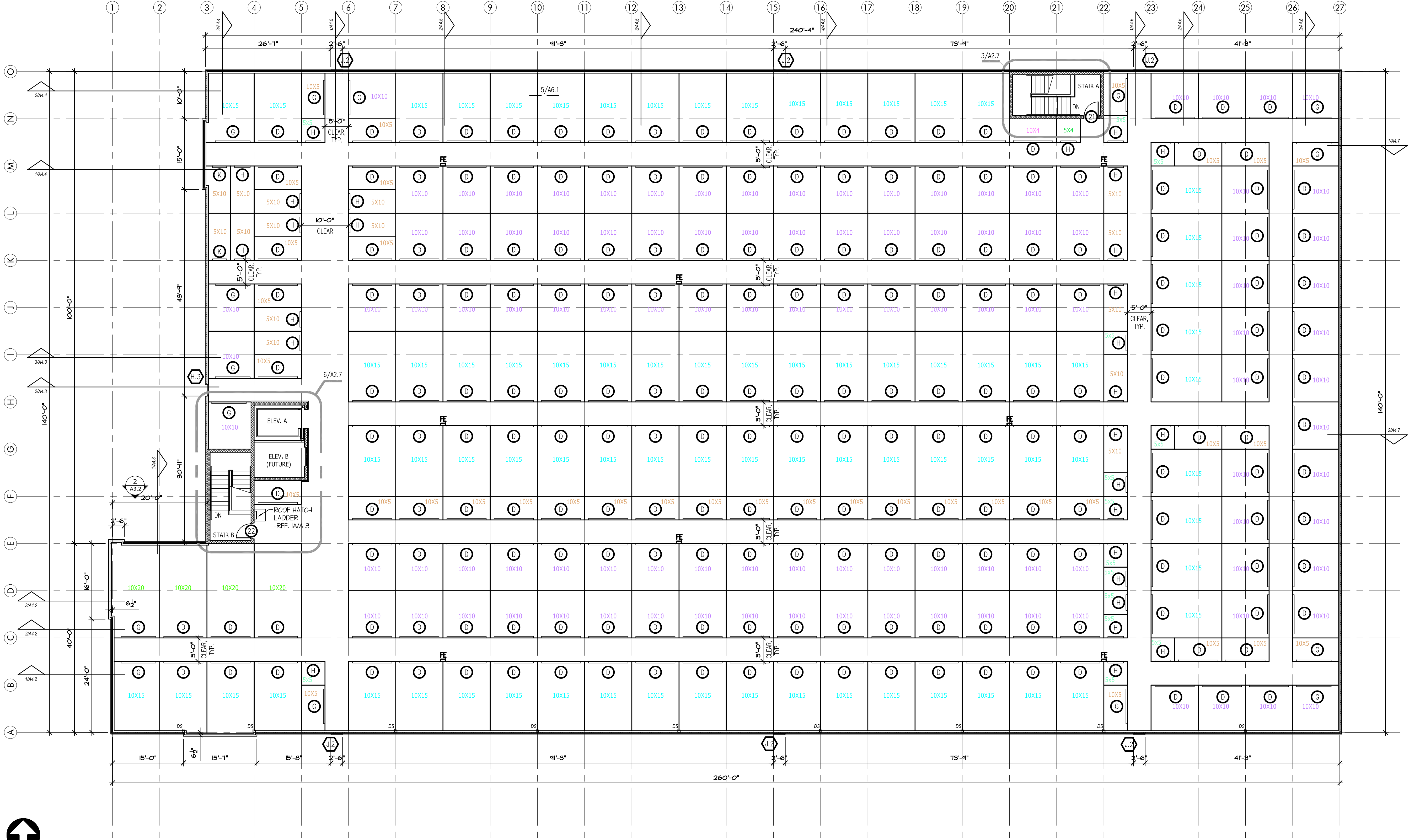
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3RD STORY PLAN

Date: 2022/10/08
Drawn by: SJH
Checked by: SCH
Revisions:

A2.3

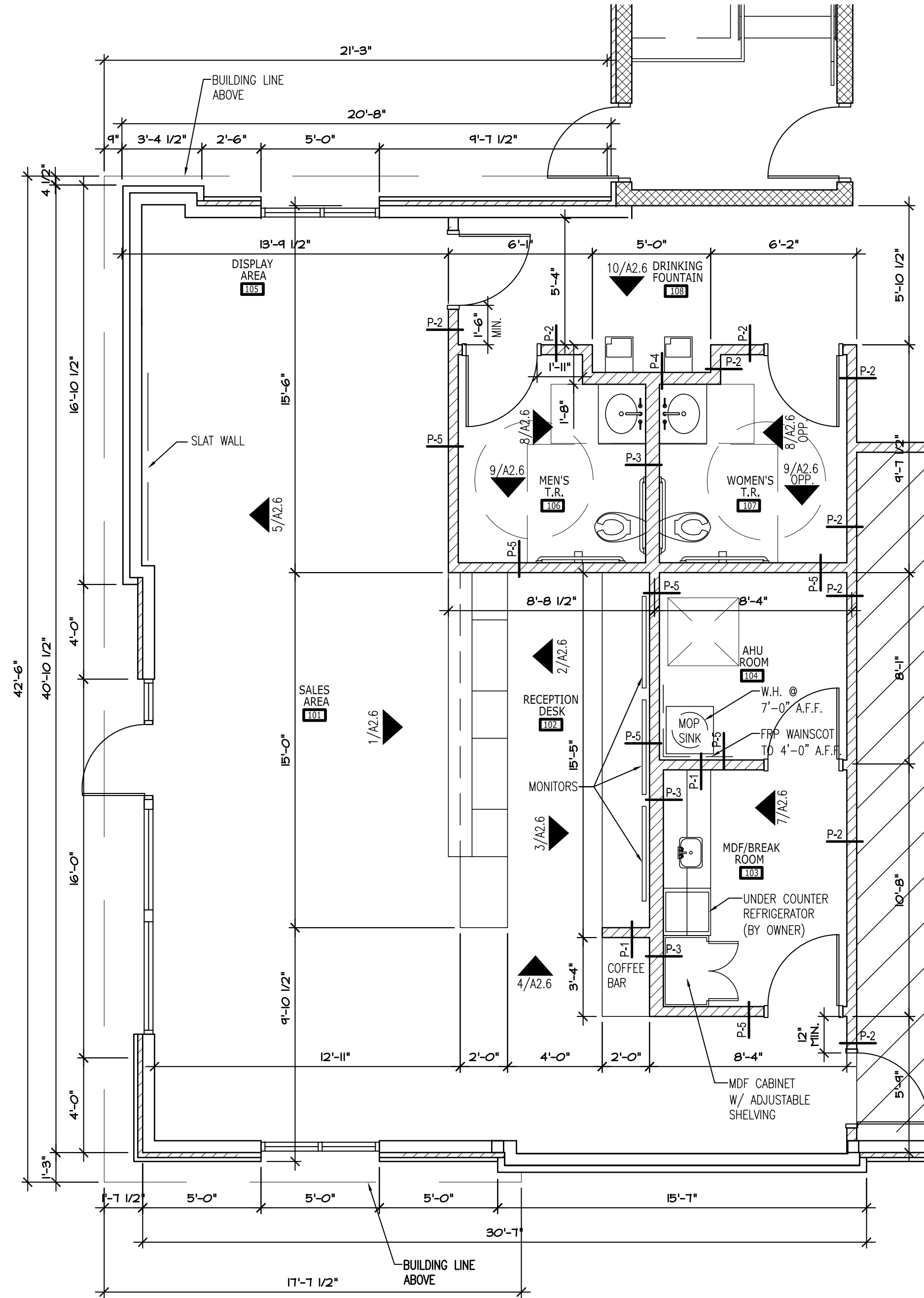



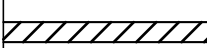


FLOOR PLAN LEGEND	
	METAL PARTITION SYSTEM (CORRIDOR SIDE OF PARTITION EXCEPT WHERE NOTED OTHERWISE) HALLWAYS TO BE JANUS CORRUGATED METAL PARTITIONS TYP. -REFER DETAIL 5/A6.1
	INSULATED METAL WALL PANEL -REF. ELEVATIONS SHEET FOR EXTENTS OF EXTERIOR FINISHES.
	GYP. BD. ON METAL STUD FRAMING -REFER PARTITION TYPES, SHEET A6.1
	1-HOUR FIRE-RATED WALL @ STAIRS, ELEVATOR, AND FIRE RISER ROOM
	8" CONCRETE STEM WALL
	INSULATED METAL PARTITION SYSTEM REFER TO DETAIL SHEET 4/A6.1

- GENERAL NOTES (TYPICAL ALL SHEETS)
- INTERIOR AND EXTERIOR STORAGE UNIT SIGNAGE TO BE APPROVED BY OWNER. SIGNAGE TO BE PROVIDED AND INSTALLED BY GENERAL CONTRACTOR.
 - GENERAL CONTRACTOR TO COORDINATE ALL FOUNDATION PENETRATIONS WITH STRUCTURAL ENGINEER.
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 - FLOOR FINISH CONCRETE TO BE POLISHED CONCRETE IN CORRIDORS ONLY. (EXCLUDING STORAGE UNITS)
 - BUILDING MUST COMPLY W/ LOCAL AMERICAN W/ DISABILITIES ACT -REF. SHEET A2.6
 - FURR OUT WALL IN ELECTRICAL ROOMS TO RECESS ELECTRICAL PANEL.
 - ALL INTERIOR CMU TO BE PAINTED SW PRO CLASSIC B31 SERIES PAINT EXCLUDING INSIDE OF INDIVIDUAL STORAGE UNITS. ALL CMU INSIDE INDIVIDUAL STORAGE UNITS NOT TO BE PAINTED OR SEALED.
 - FIRE-RISER ROOM TO HAVE 1-HR FIRE-RATED WALLS AND CEILING-REFER UL-FIRE-RATED ASSEMBLIES, SHEET A4.5
 - GENERAL CONTRACTOR TO COORDINATE STANDPIPE/FIRE SPRINKLER DESIGN WITH ROOM SIZE AND CONFIGURATION.

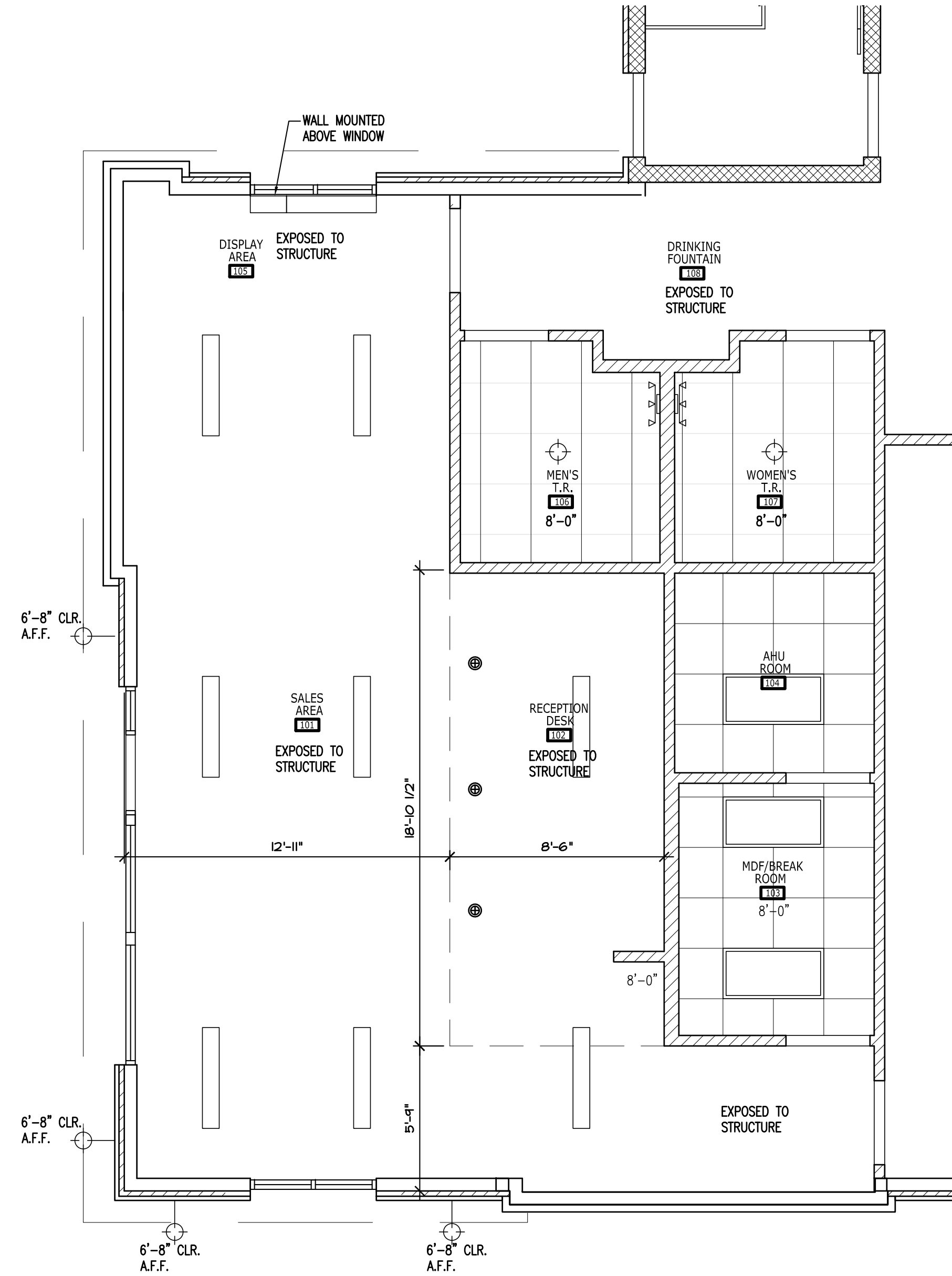
SELF STORAGE UNITS MARKED WITH A HANDICAP SYMBOL TO BE ACCESSIBLE AND FOLLOW ACCESSIBILITY STANDARDS	
TABLE 225.3	
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1 TO 200	5%, BUT NOT LESS THAN 1
201 AND OVER	10, PLUS 2% OF THE TOTAL NUMBER OF UNITS OVER 200
SECTION 225.3.1 DISPERSION.	
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404.2.9 DOOR OPENING FORCE	5 POUNDS MAXIMUM
ACCESSIBLE UNITS MUST ALSO PROVIDE ACCESSIBLE ROUTES TO ACCESSIBLE MEANS OF EGRESS, PARKING SPACES, AND COMMON USE ELEMENTS & FACILITIES (TOILET ROOMS, DRINKING FOUNTAINS, ETC.).	
PROVIDE JANUS ADA KIT (THREE STRAPS AND ACCESSIBLE SIGN) -JANUS TO INSTALL	
ADA CALCULATIONS: 590 UNITS -200 UNITS 390 UNITS X .02 = 7.8 SPACES + 10 SPACES = 18 SPACES REQUIRED	



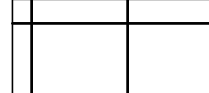

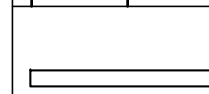

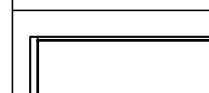



1 THIRD STORY PLAN
3/32" = 1'-0"



ENLARGED FLOOR PLAN LEGEND	
	METAL PARTITION SYSTEM (CORRIDOR SIDE OF PARTITION EXCEPT WHERE NOTED OTHERWISE) HALLWAYS TO BE JANUS CORRUGATED METAL PARTITIONS TYP. -REFER CORRUGATED HALLWAY SYSTEM A6.1
	METAL STUD WALL FRAMING
	INTERIOR METAL STUD WALL FRAMING -REFER PARTITION TYPES SHEET A6.1
	4" STRIPES PAINTED ON PAVING @ 2'-0" O.C. COLOR: SAFETY YELLOW
GENERAL NOTES	
1. REFERENCE SHEET A6.1 FOR PARTITION TYPES (P-#)	
2. BUILDING MUST COMPLY W/ LOCAL AMERICAN W/ DISABILITIES ACT -REF. SHEET A2.6	

1 OFFICE FLOOR PLAN
1/4" = 1'-0"



REFLECTED CEILING PLAN LEGEND			
	SUSPENDED PAINTED GYP. BD. CEILING		EXTERIOR WALL SCONCE -WALL MOUNTED
	2' X 2' OPEN GRID CEILING		VANITY LIGHT
	4' LED LIGHT		PENDANT LIGHT
	2' X 4' LED LIGHT -RECESSED		LARGE PENDANT LIGHT
	RECESSED LIGHT		MEP DIFFUSER
NOTES: 1. REFER MEP FOR FIXTURE SPECIFICATIONS. 2. COORDINATE LIGHT FIXTURES AND MECHANICAL SUPPLY/RETURN PRIOR TO INSTALLATION. 3. PAINT UNDERSIDE OF FLOOR DECK, EXPOSED STRUCTURE AND DUCTS IN OFFICE WHERE VISIBLE. (CALL OUT PT COLOR ON A7.1)			

2 OFFICE REFLECTED CEILING PLAN
1/4" = 1'-0"



LAKWOOD STORAGE
4101 NE PORT DRIVE
LEE'S SUMMIT, MO



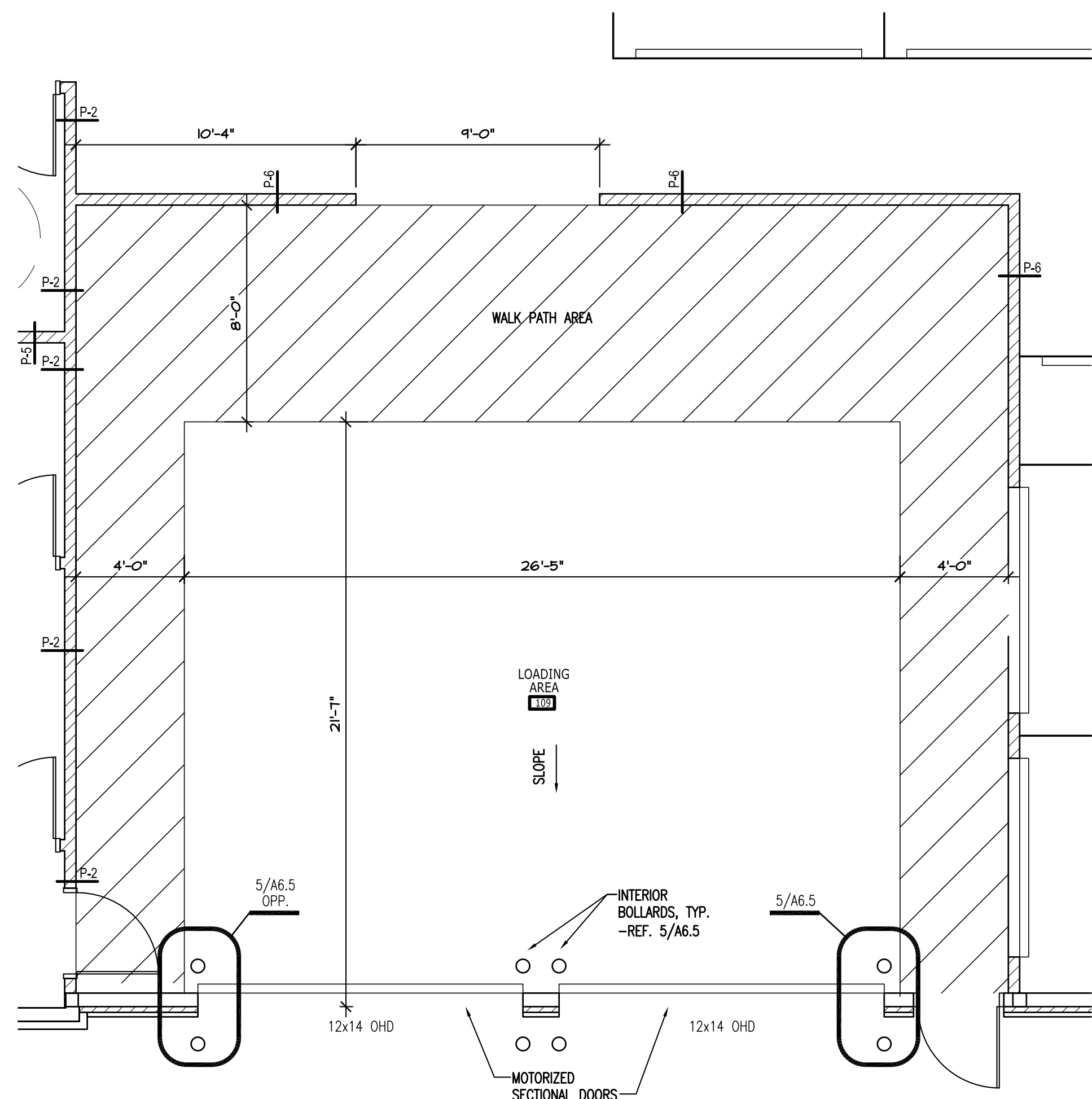
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PLAN DETAILS

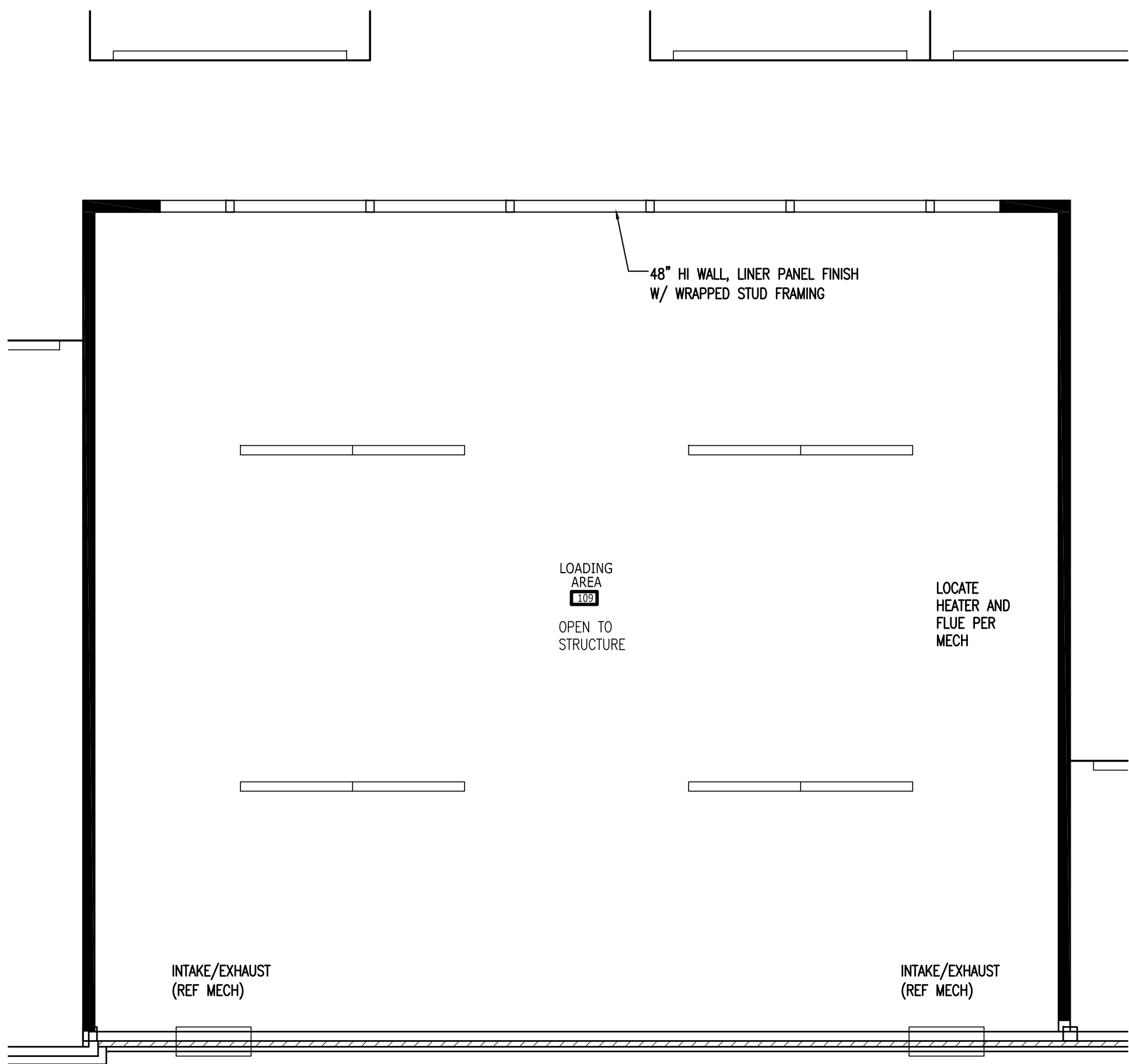
Date: 2022/IV/08
Drawn by : SJB
Checked by : SCH
Revisions :

A2.5



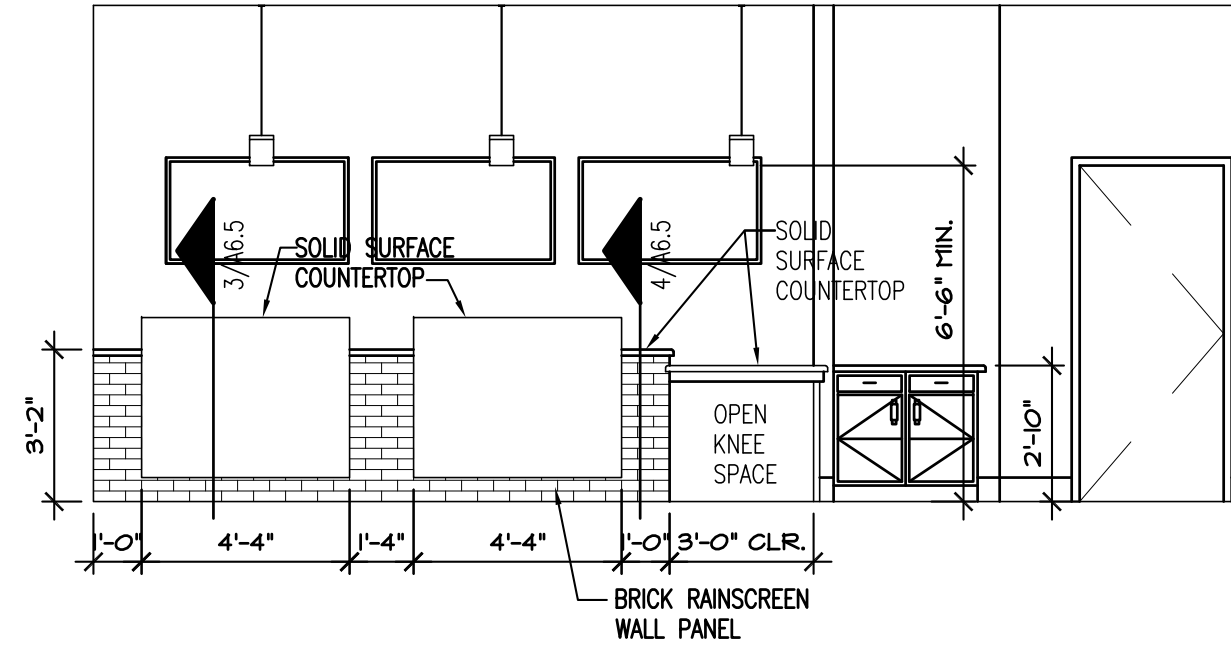
ENLARGED FLOOR PLAN LEGEND	
	METAL PARTITION SYSTEM (CORRIDOR SIDE OF PARTITION EXCEPT WHERE NOTED OTHERWISE) HALLWAYS TO BE JANUS CORRUGATED METAL PARTITIONS TYP. -REFER CORRUGATED HALLWAY SYSTEM A6.1
	METAL STUD WALL FRAMING
	INTERIOR METAL STUD WALL FRAMING -REFER PARTITION TYPES SHEET A6.1
	4" STRIPES PAINTED ON PAVING @ 2'-0" O.C. COLOR: SAFETY YELLOW
GENERAL NOTES	
1. REFERENCE SHEET A6.1 FOR PARTITION TYPES (P-#)	
2. BUILDING MUST COMPLY W/ LOCAL AMERICAN W/ DISABILITIES ACT -REF. SHEET A2.6	

1 LOADING AREA FLOOR PLAN
1/4" = 1'-0"

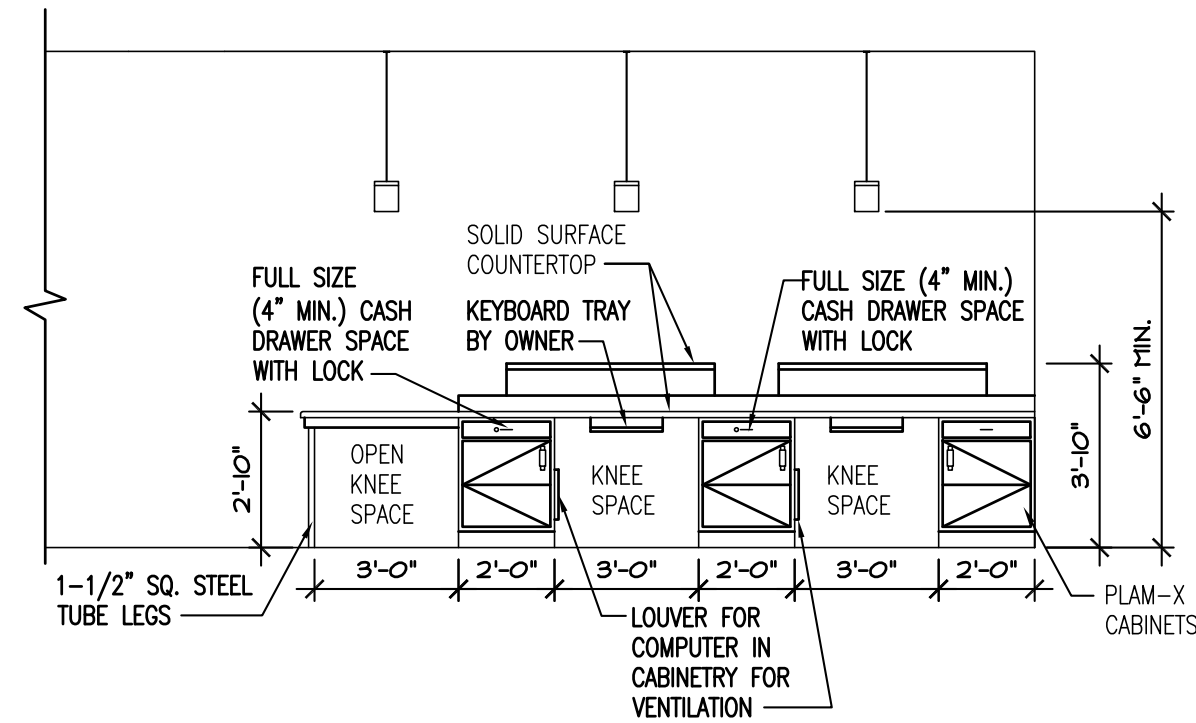


REFLECTED CEILING PLAN LEGEND			
	SUSPENDED PAINTED GYP. BD. CEILING		EXTERIOR WALL SCONCE -WALL MOUNTED
	2' X 2' OPEN GRID CEILING		VANITY LIGHT
	4" LED LIGHT		PENDANT LIGHT
	2' X 4' LED LIGHT -RECESSED		LARGE PENDANT LIGHT
	RECESSED LIGHT		MEP DIFFUSER
NOTES: 1. REFER MEP FOR FIXTURE SPECIFICATIONS. 2. COORDINATE LIGHT FIXTURES AND MECHANICAL SUPPLY/RETURN PRIOR TO INSTALLATION. 3. PAINT UNDERSIDE OF FLOOR DECK, EXPOSED STRUCTURE AND DUCTS IN OFFICE WHERE VISIBLE. (CALL OUT PT COLOR ON A7.1)			

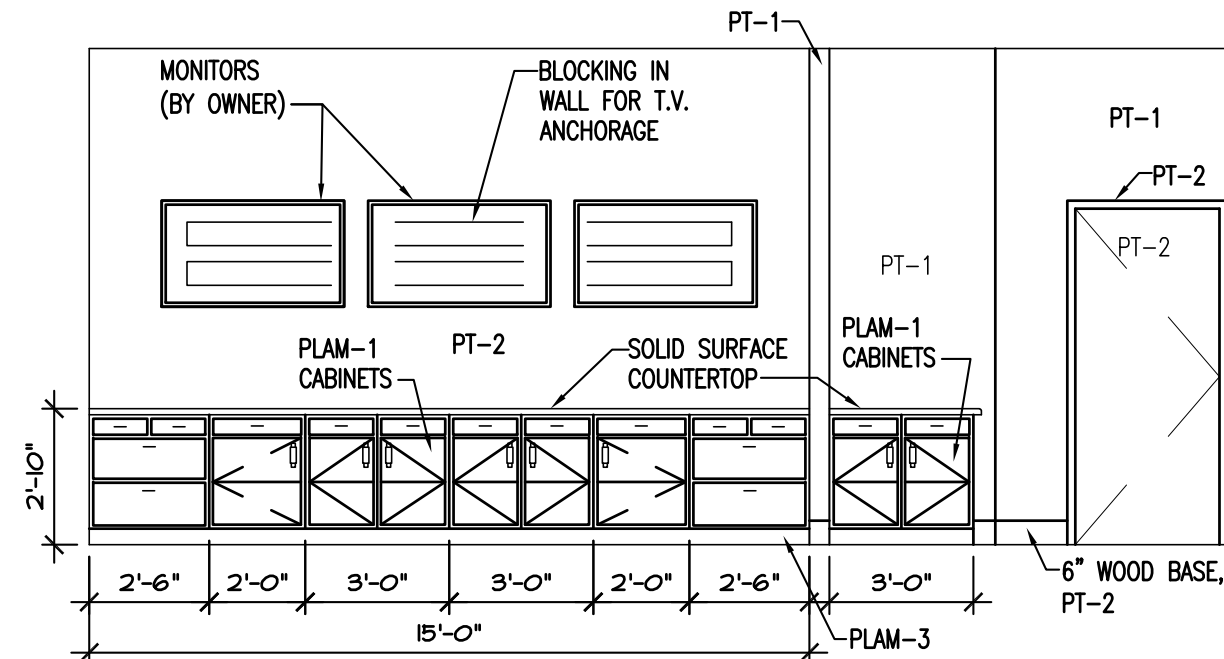
2 LOADING AREA REFLECTED CEILING PLAN
1/4" = 1'-0"



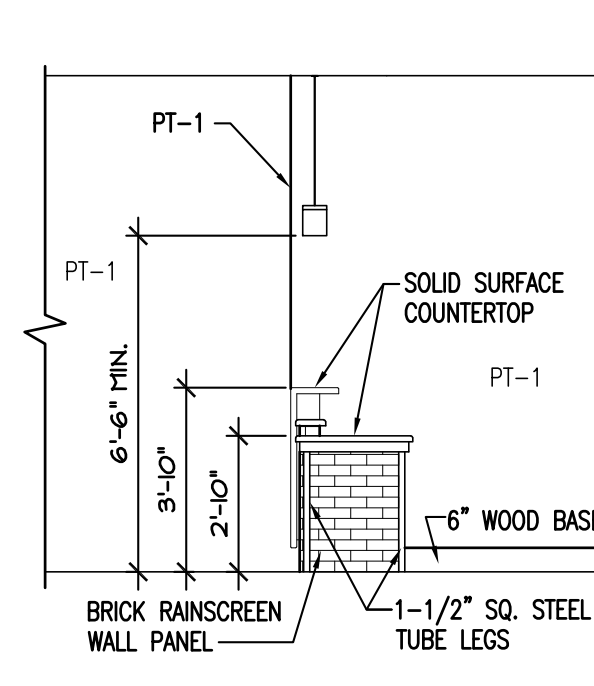
1 RECEPTION DESK ELEVATION
SCALE: 1/4" = 1'-0"



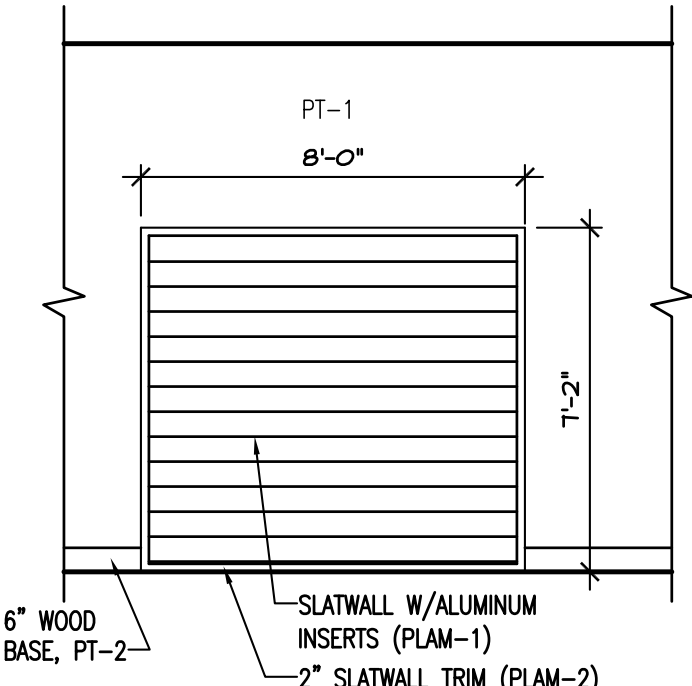
2 RECEPTION DESK ELEVATION
SCALE: 1/4" = 1'-0"



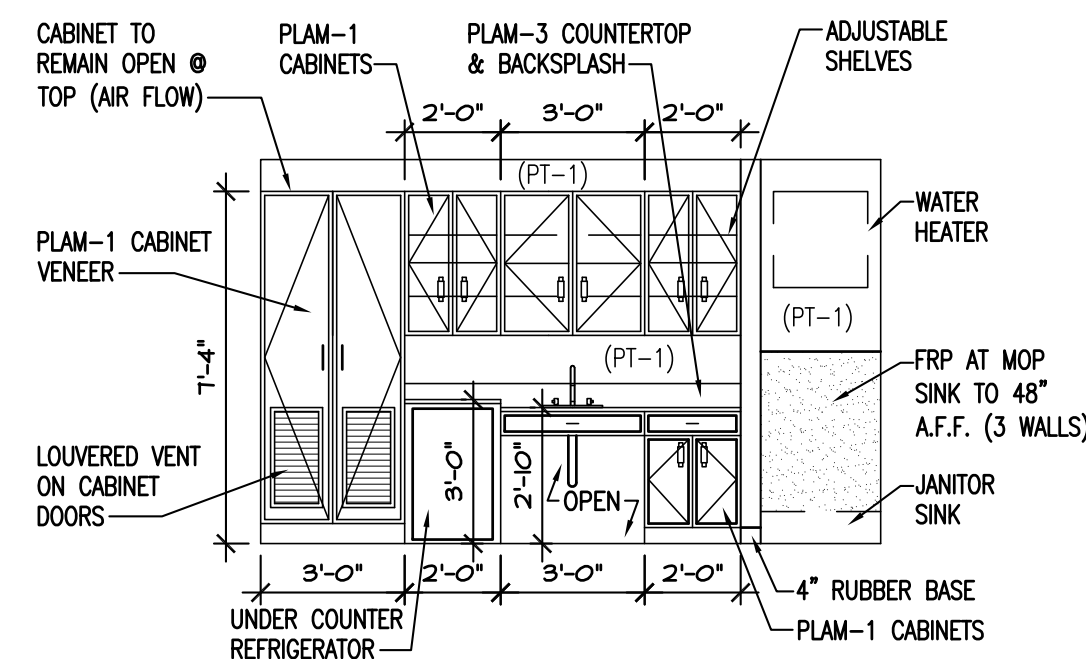
3 MONITOR WALL ELEVATION
SCALE: 1/4" = 1'-0"



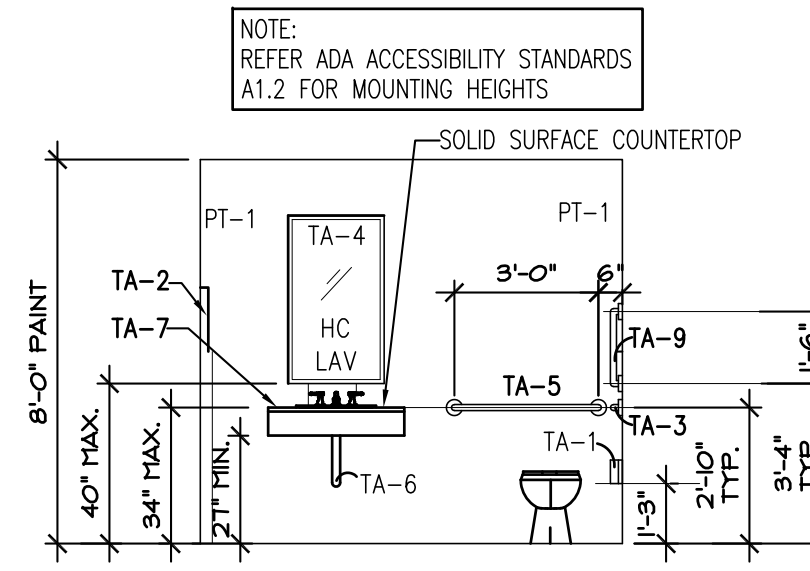
4 RECEPTION DESK ELEVATION
SCALE: 1/4" = 1'-0"



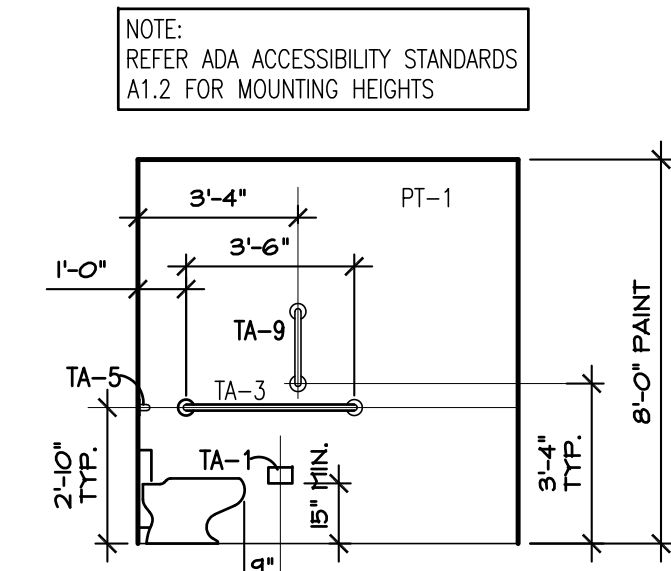
5 SLAT WALL ELEVATION
SCALE: 1/4" = 1'-0"



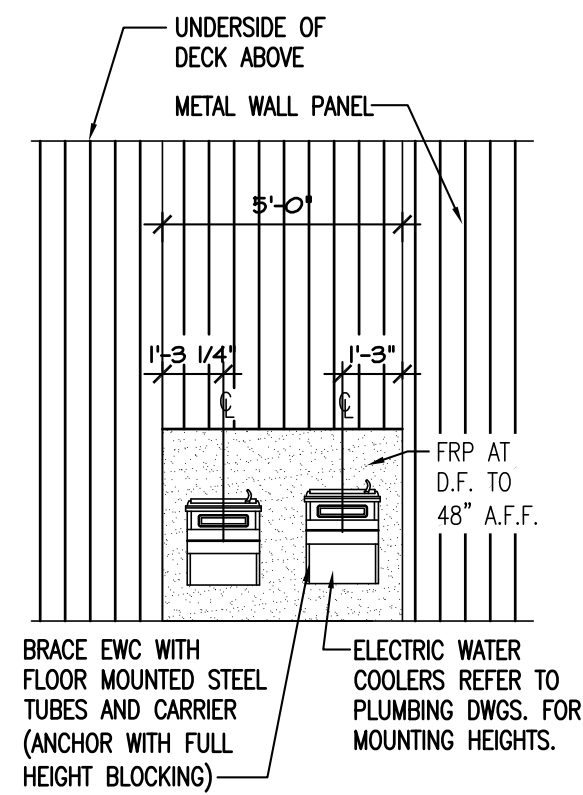
7 MDF/BREAK ROOM ELEVATION
SCALE: 1/4" = 1'-0"



8 TOILET ROOM ELEVATION
SCALE: 1/4" = 1'-0"



9 TOILET ROOM ELEVATION
SCALE: 1/4" = 1'-0"



10 DRINKING FOUNTAIN ELEVATION
SCALE: 1/4" = 1'-0"

TOILET ACCESSORIES		
MARK	ITEM	HEIGHT
TA-1	TOILET TISSUE DISPENSER	19" CL
TA-2	HAND DRYERS	48" MAX.
TA-3	42" HORIZONTAL GRAB BAR	34" CL
TA-4	MIRROR	40"
TA-5	36" HORIZONTAL GRAB BAR	34" CL
TA-6	LAVATORY PIPING INSULATION	N/A
TA-7	FEMINE NAPKIN DISPOSAL	48" MAX.
TA-8	SOAP DISPENSER	44" MAX.
TA-9	18" VERTICAL GRAB BAR	40" CL
NOTES		
1. FOR CONTROLS OR REACH, HEIGHT IS MAX.		
2. FOR MIRRORS, HEIGHT IS TO BOTTOM OF REFLECTIVE EDGE.		
3. FOR GRAB BARS, HEIGHT IS TO CENTER OF HORIZONTAL BAR.		
4. ALL DESIGN MUST COMPLY W/ LOCAL AMERICAN'S W/DISABILITIES ACT - REF. SHEET A2.6		
5. BLOCKING FOR ACCESSORIES BY GENERAL CONTRACTOR		
6. SOAP DISPENSER TO BE INSTALLED OVER COUNTERTOP		



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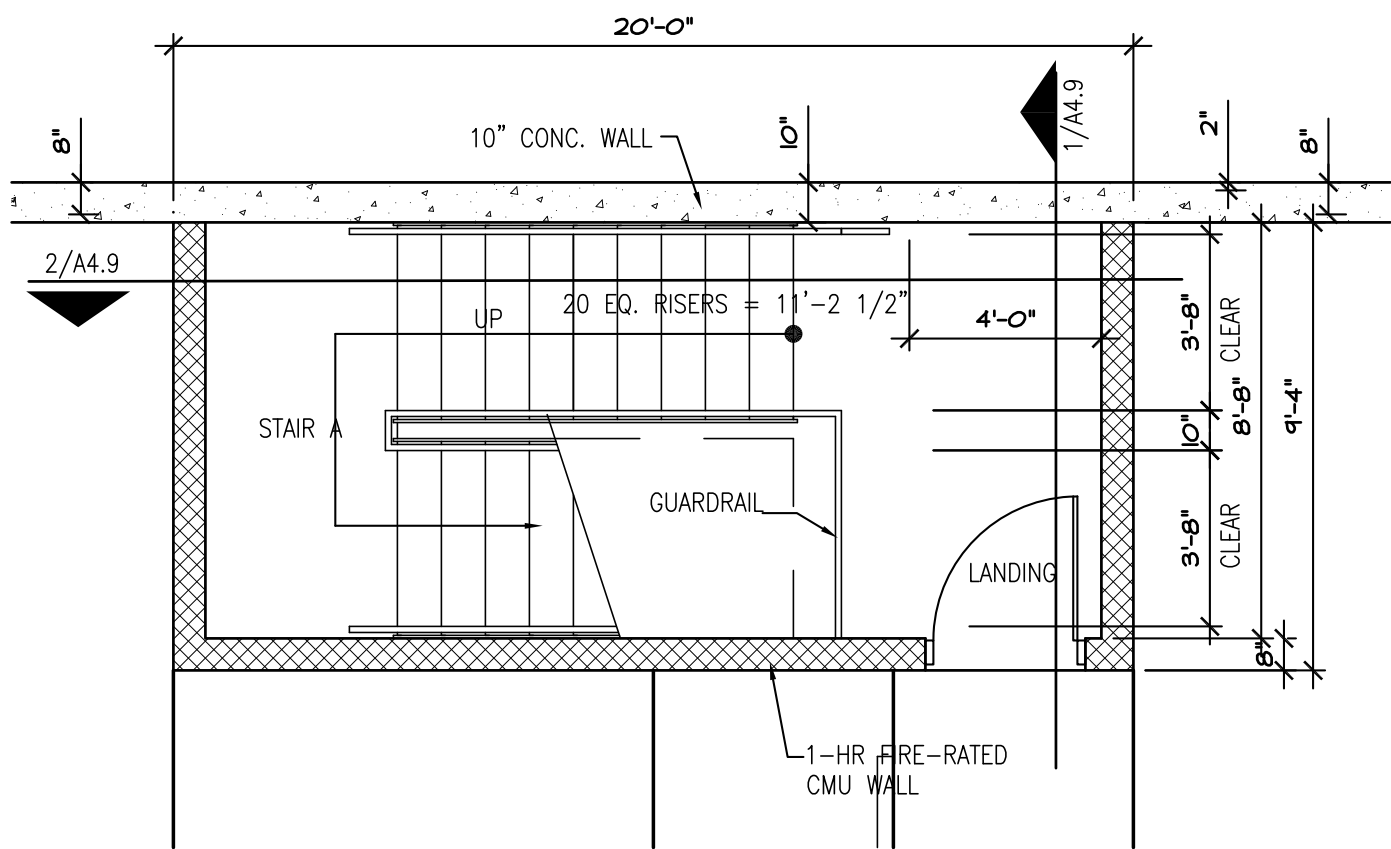
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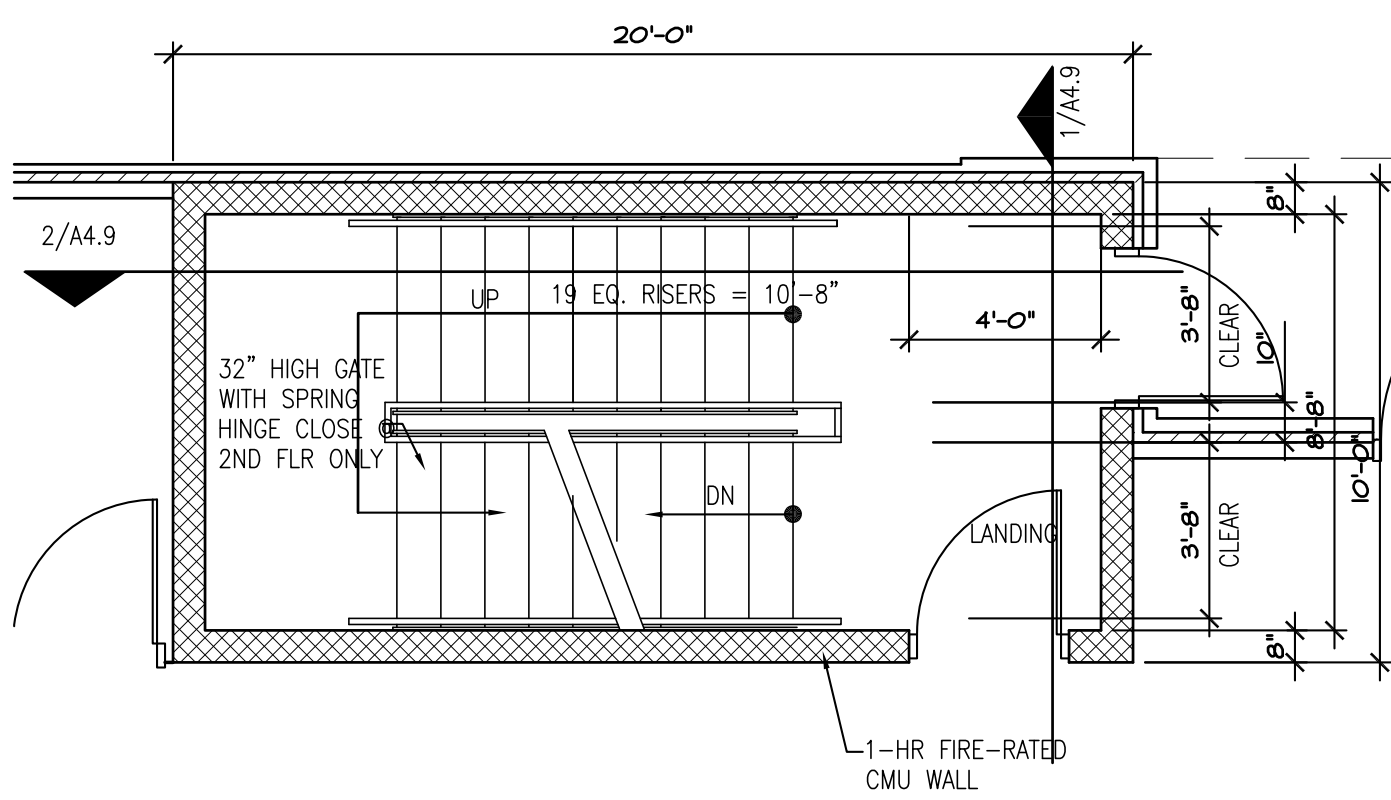
PLAN DETAILS

Date: 2022/IV/08
Drawn by: SJB
Checked by: SCH
Revisions:

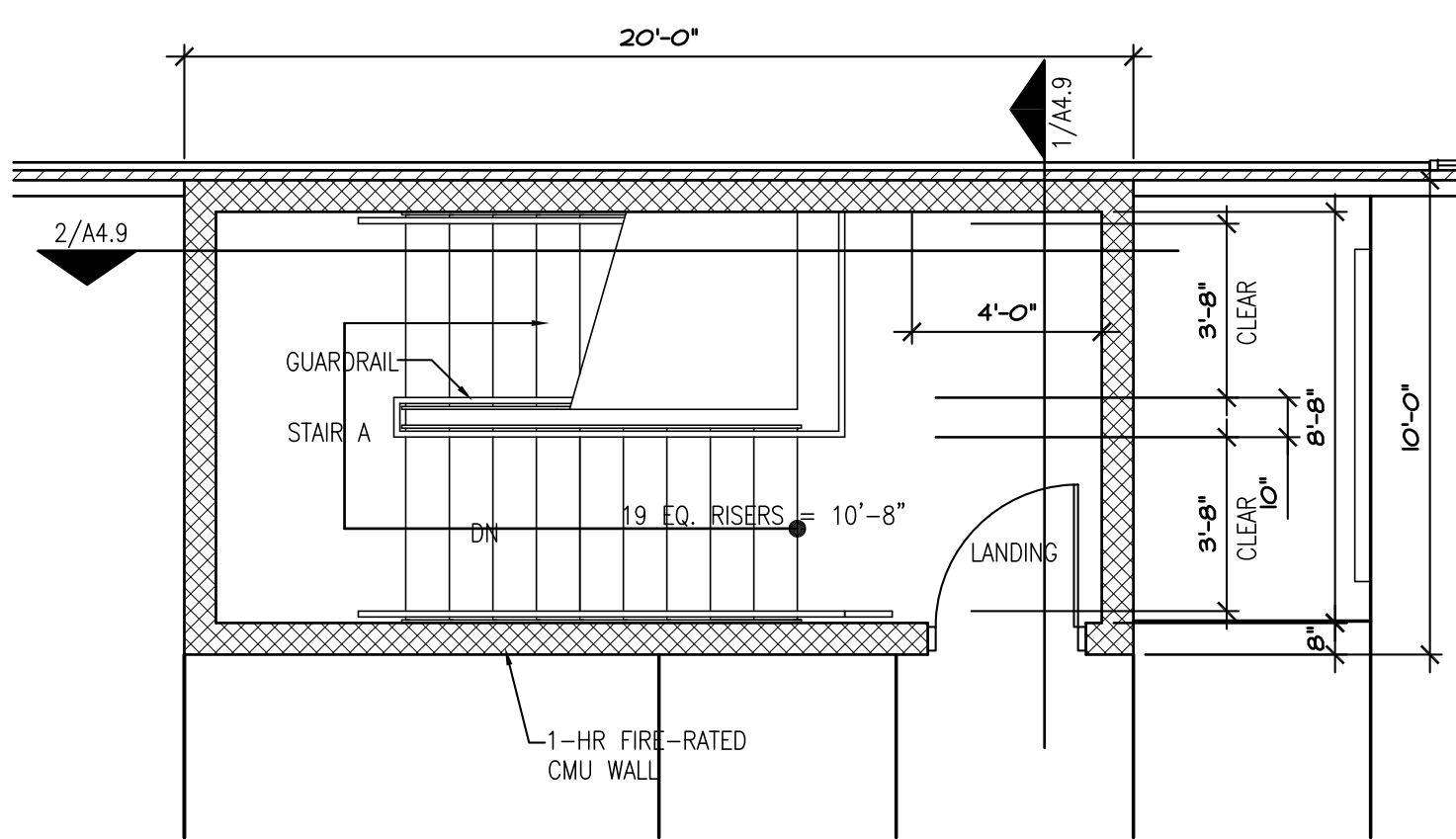
A2.7



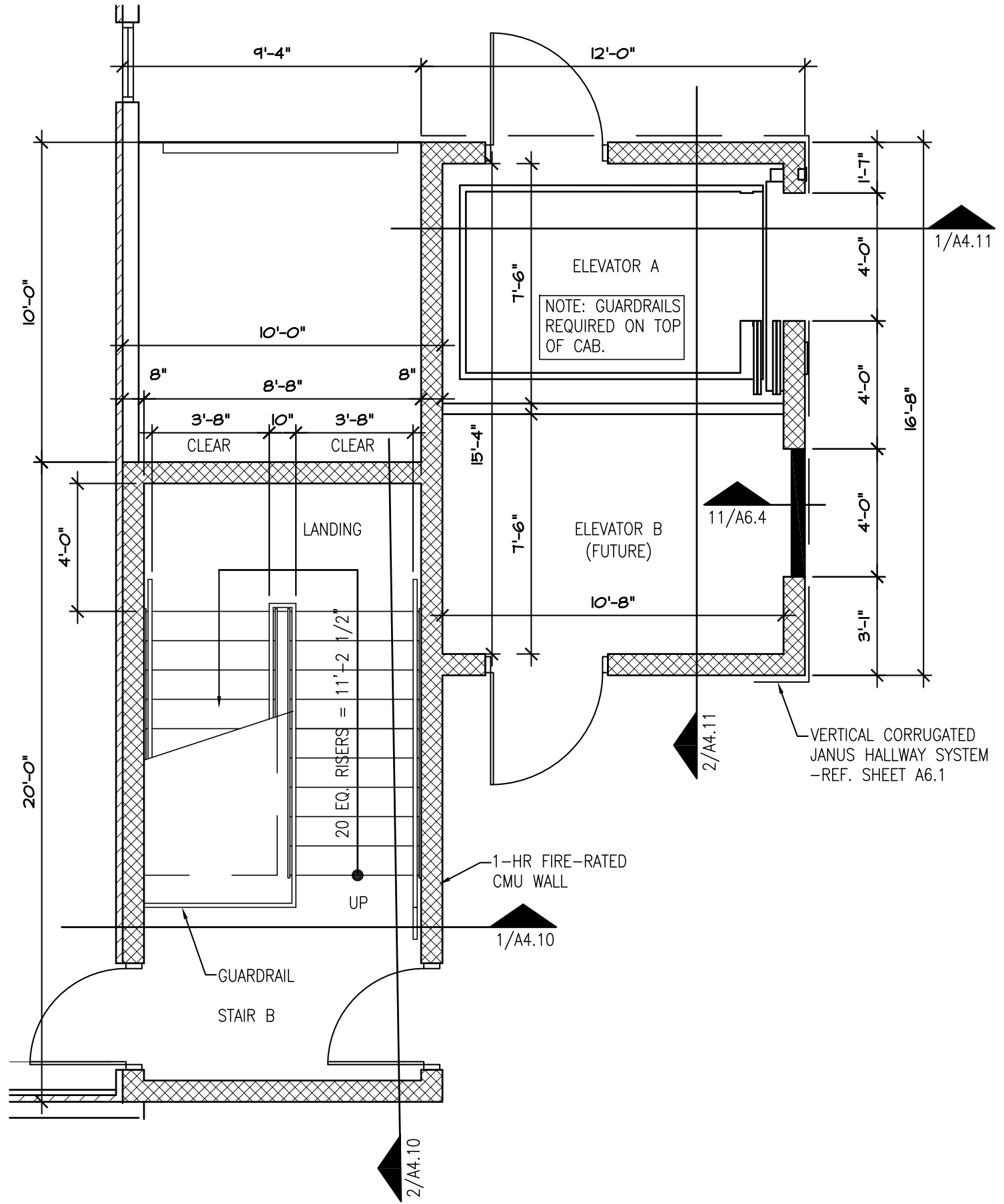
1 1ST FLOOR - STAIR A
1/4" = 1'-0"



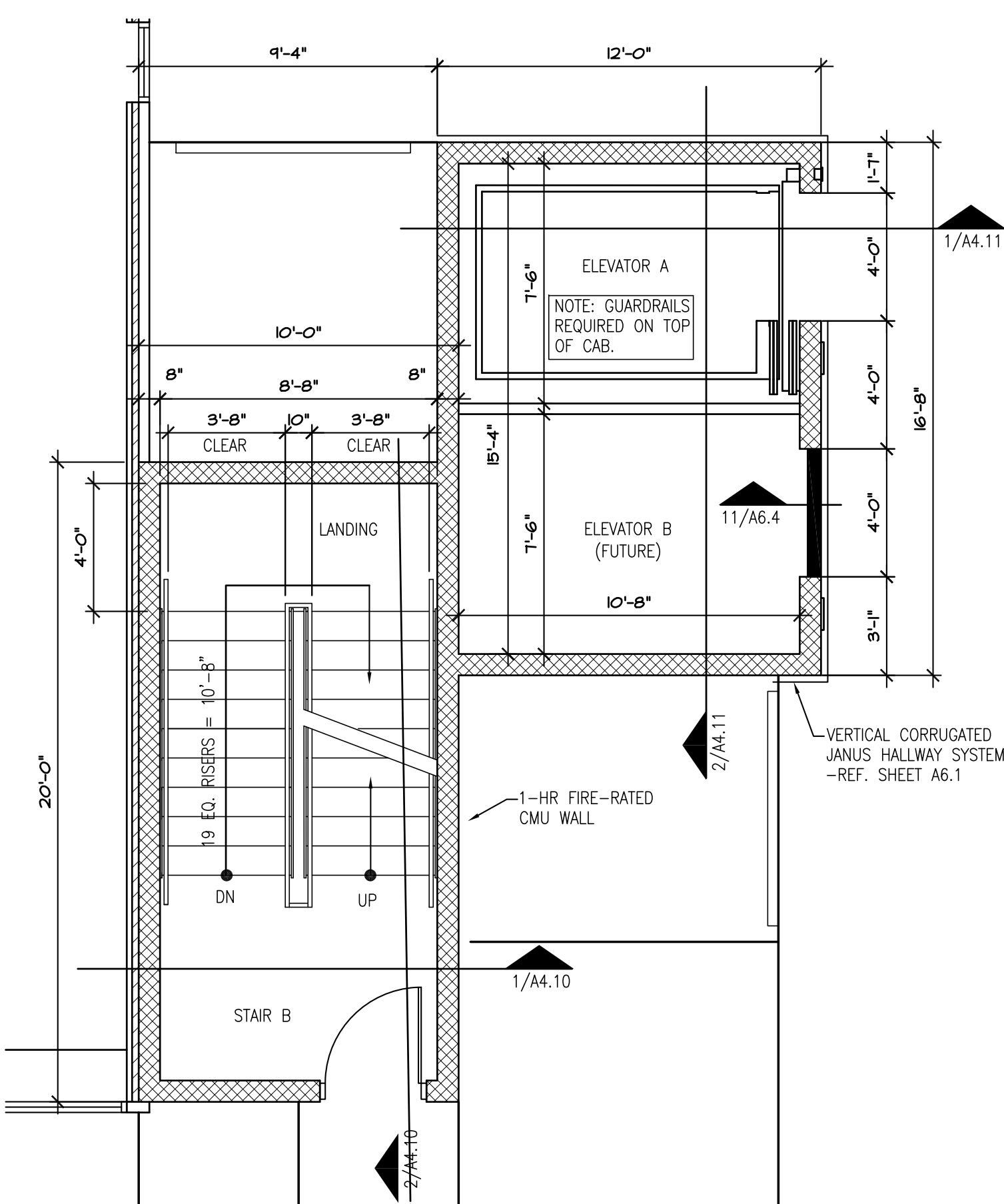
2 2ND FLOOR - STAIR A
1/4" = 1'-0"



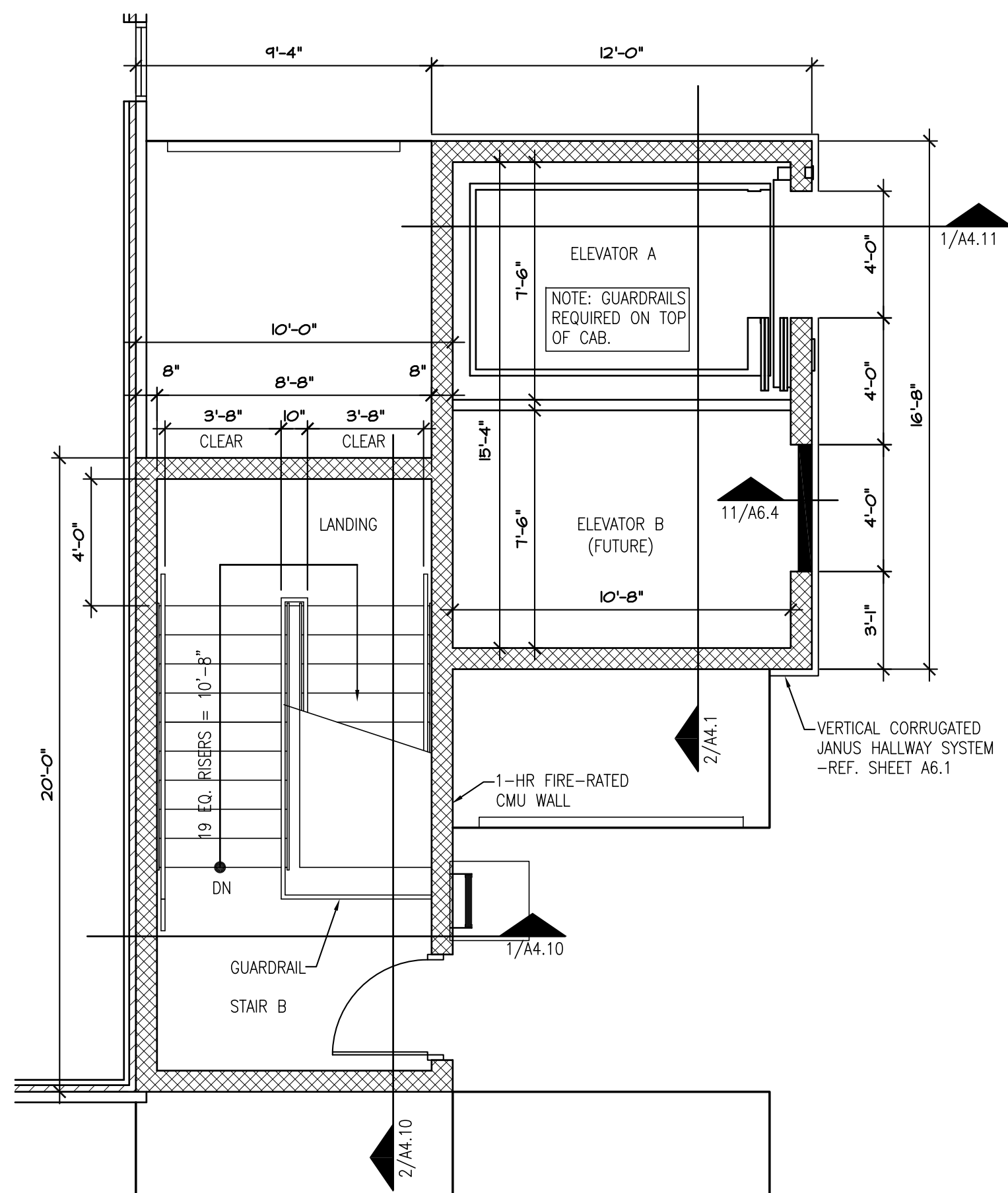
3 3RD FLOOR - STAIR A
1/4" = 1'-0"



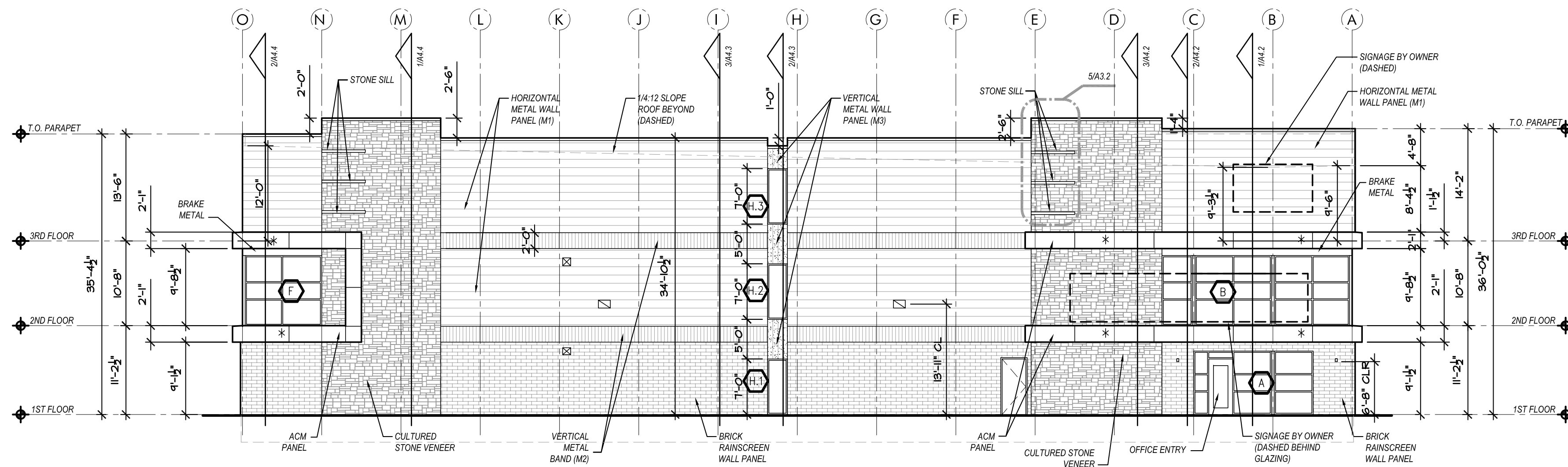
4 1ST FLOOR - STAIR B / ELEVATOR
1/4" = 1'-0"



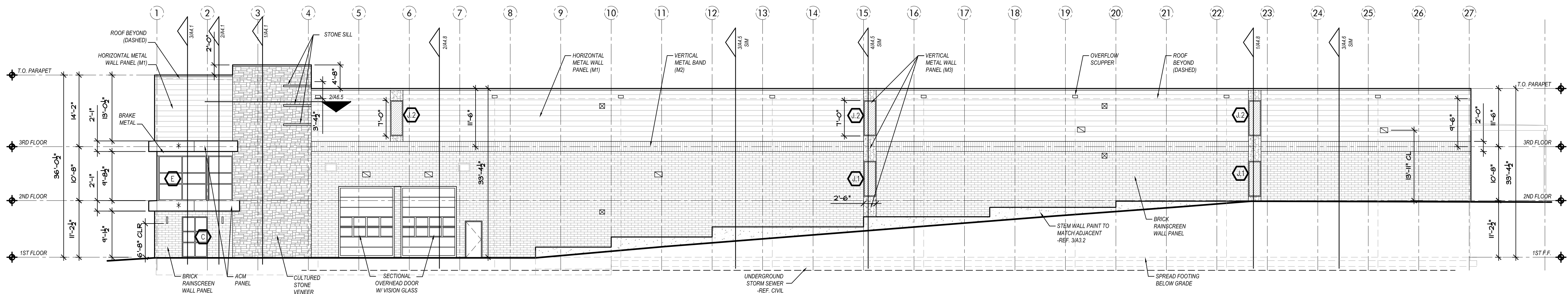
5 2ND FLOOR - STAIR B / ELEVATOR
1/4" = 1'-0"



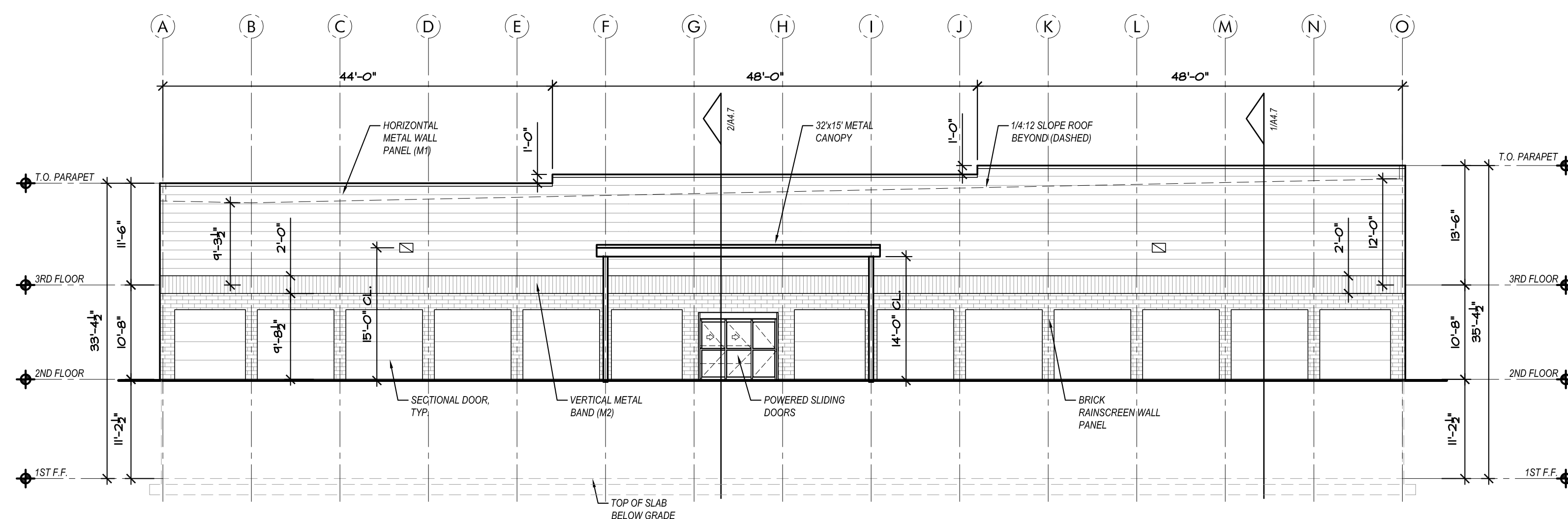
6 3RD FLOOR - STAIR B / ELEVATOR
1/4" = 1'-0"



1 WEST ELEVATION
3/32" = 1'-0"



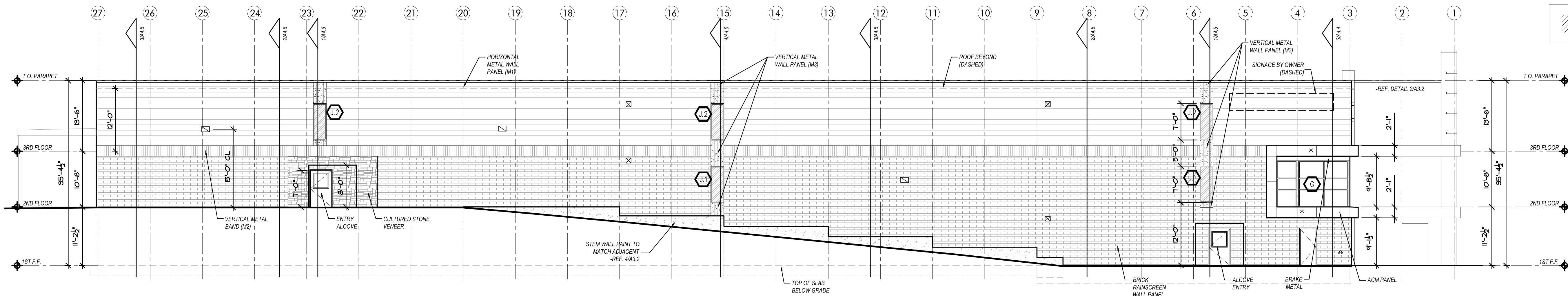
2 SOUTH ELEVATION
3/32" = 1'-0"



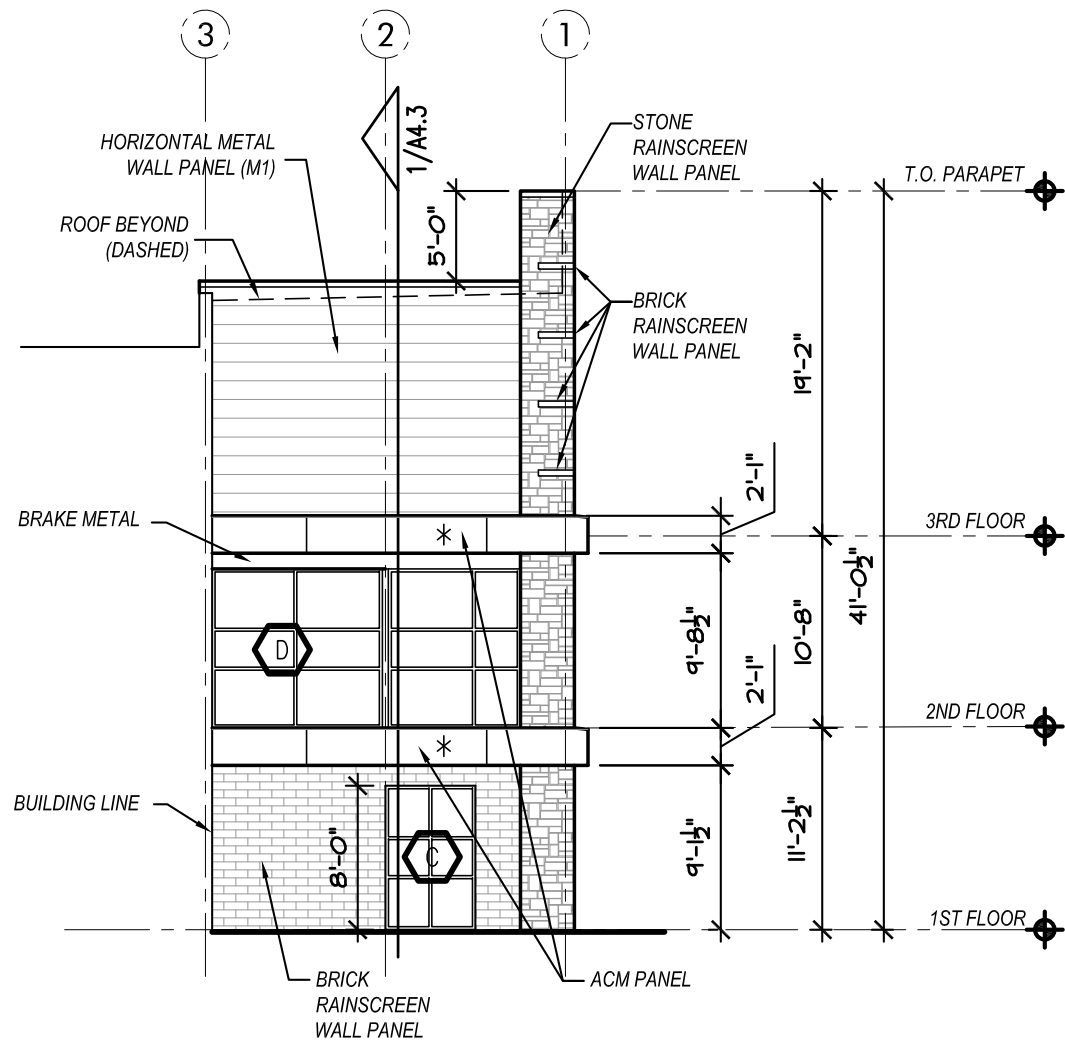
3 EAST ELEVATION
3/32" = 1'-0"

SPANDREL GLASS

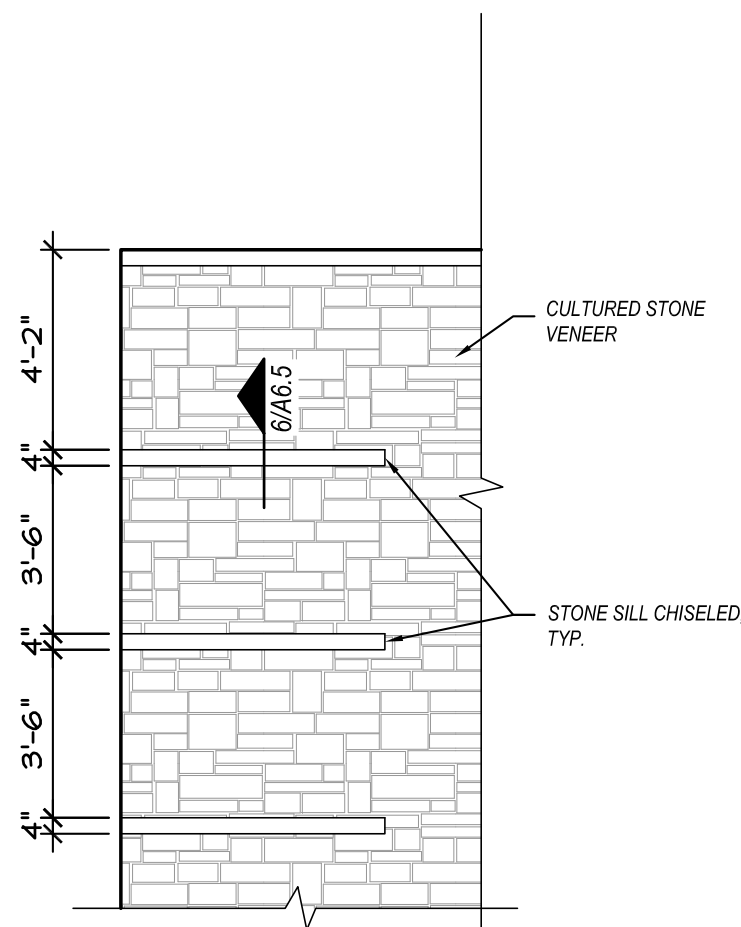
ELEVATION LEGEND	
	HORIZONTAL METAL WALL PANEL (M1)
	VERTICAL METAL BAND (M2)
	VERTICAL METAL WALL PANEL (M3)
	ACM - ALUMINUM COMPOSITE MATERIAL PANEL
	BRICK RAINSCREEN WALL PANEL (NICHIIHA)
	CULTURED STONE VENEER
	EXTERIOR LIGHT FIXTURE -REF. MEP
	OVERFLOW SCUPPER -REF. 12/A6.3
	OUTSIDE AIR LOCATIONS -REF. MEP
ELEVATION NOTES	
1. METAL COPING, TRIM, AND FLASHING TO MATCH COLOR OF ADJACENT MATERIAL.	
2. ROOF MATERIAL TO BE TPO ROOF SYSTEM SLOPED AT 1/4" FT WITH INTERNAL ROOF DRAINS TO CONNECT TO UNDERGROUND SEWER	
3. OVERFLOW SCUPPERS TO BE 2" ABOVE LOWEST POINT OF ROOF.	
4. REFER SHEET A7.1 FOR EXTERIOR PAINT COLORS.	
5. PAINT MAN DOOR TO MATCH ADJACENT MATERIAL UNLESS NOTED OTHERWISE.	
6. GENERAL CONTRACTOR/SIGNAGE COMPANY TO PROVIDE ANCHORAGE, BLOCKING, & WATERPROOFING FOR SIGNAGE.	
7. MAX PARAPET HEIGHT TO BE 2'-6" WITHOUT STRUCTURAL SUPPORT.	



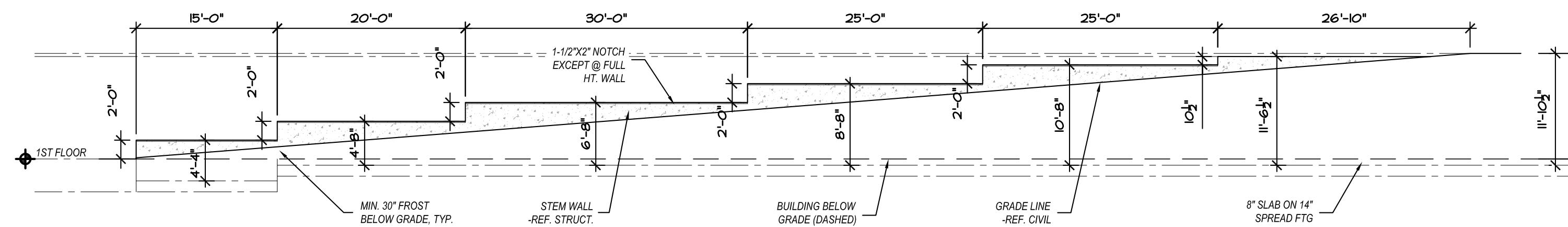
1 NORTH ELEVATION
3/32" = 1'-0"



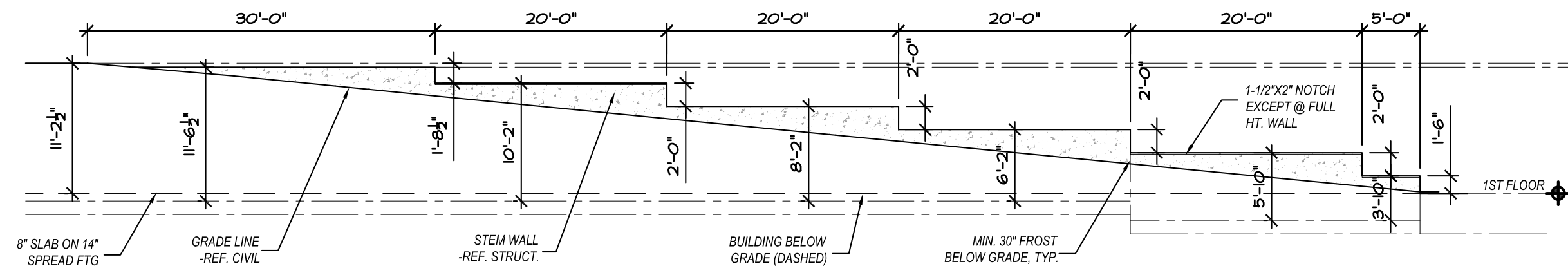
2 NORTH ELEVATION DETAIL
3/32" = 1'-0"



5 THIRD STORY PLAN
3/32" = 1'-0"



3 SOUTH STEM WALL
3/32" = 1'-0"



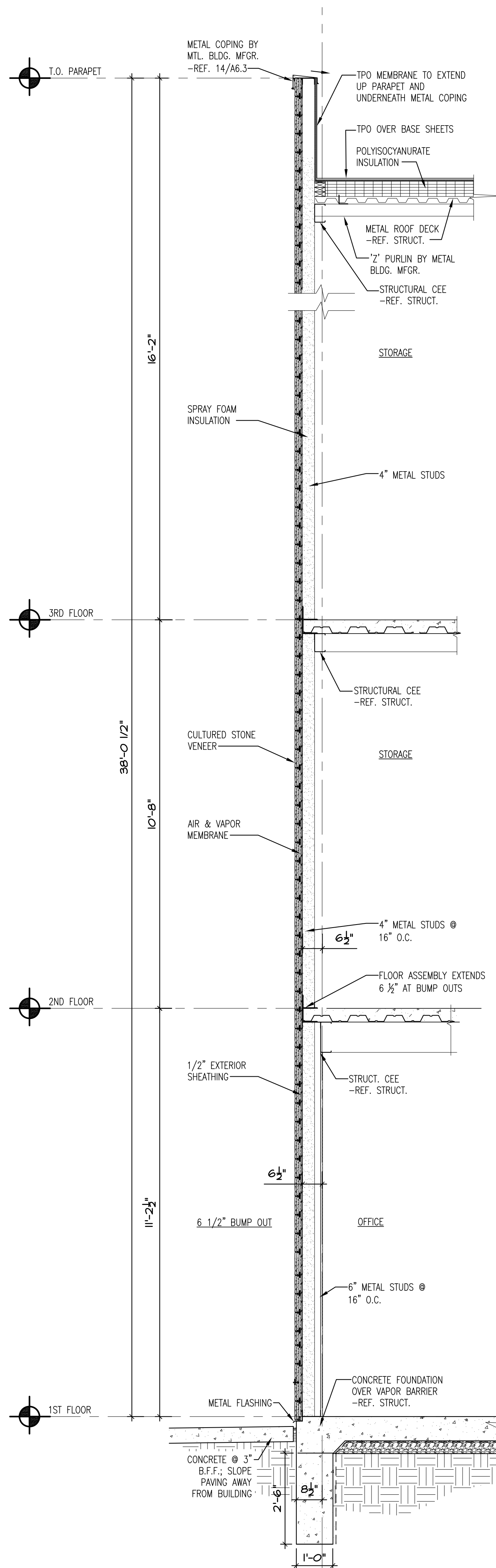
4 NORTH STEM WALL
3/32" = 1'-0"

ELEVATION LEGEND	
	HORIZONTAL METAL WALL PANEL (M1)
	VERTICAL METAL BAND (M2)
	VERTICAL METAL WALL PANEL (M3)
	ACM - ALUMINUM COMPOSITE MATERIAL PANEL
	BRICK RAINSCREEN WALL PANEL (NICHHA)
	CULTURED STONE VENEER
	EXTERIOR LIGHT FIXTURE -REF. MEP
	OVERFLOW SCUPPER -REF. 12/A6.3
	OUTSIDE AIR LOCATIONS -REF. MEP
ELEVATION NOTES	
1. METAL COPING, TRIM, AND FLASHING TO MATCH COLOR OF ADJACENT MATERIAL.	
2. ROOF MATERIAL TO BE TPO ROOF SYSTEM SLOPED AT 1/4" FT WITH INTERNAL ROOF DRAINS TO CONNECT TO UNDERGROUND SEWER.	
3. OVERFLOW SCUPPERS TO BE 2" ABOVE LOWEST POINT OF ROOF.	
4. REFER SHEET A7.1 FOR EXTERIOR PAINT COLORS.	
5. PAINT MAN DOOR TO MATCH ADJACENT MATERIAL UNLESS NOTED OTHERWISE.	
6. GENERAL CONTRACTOR/SIGNAGE COMPANY TO PROVIDE ANCHORAGE, BLOCKING, & WATERPROOFING FOR SIGNAGE.	
7. MAX PARAPET HEIGHT TO BE 2'-6" WITHOUT STRUCTURAL SUPPORT.	

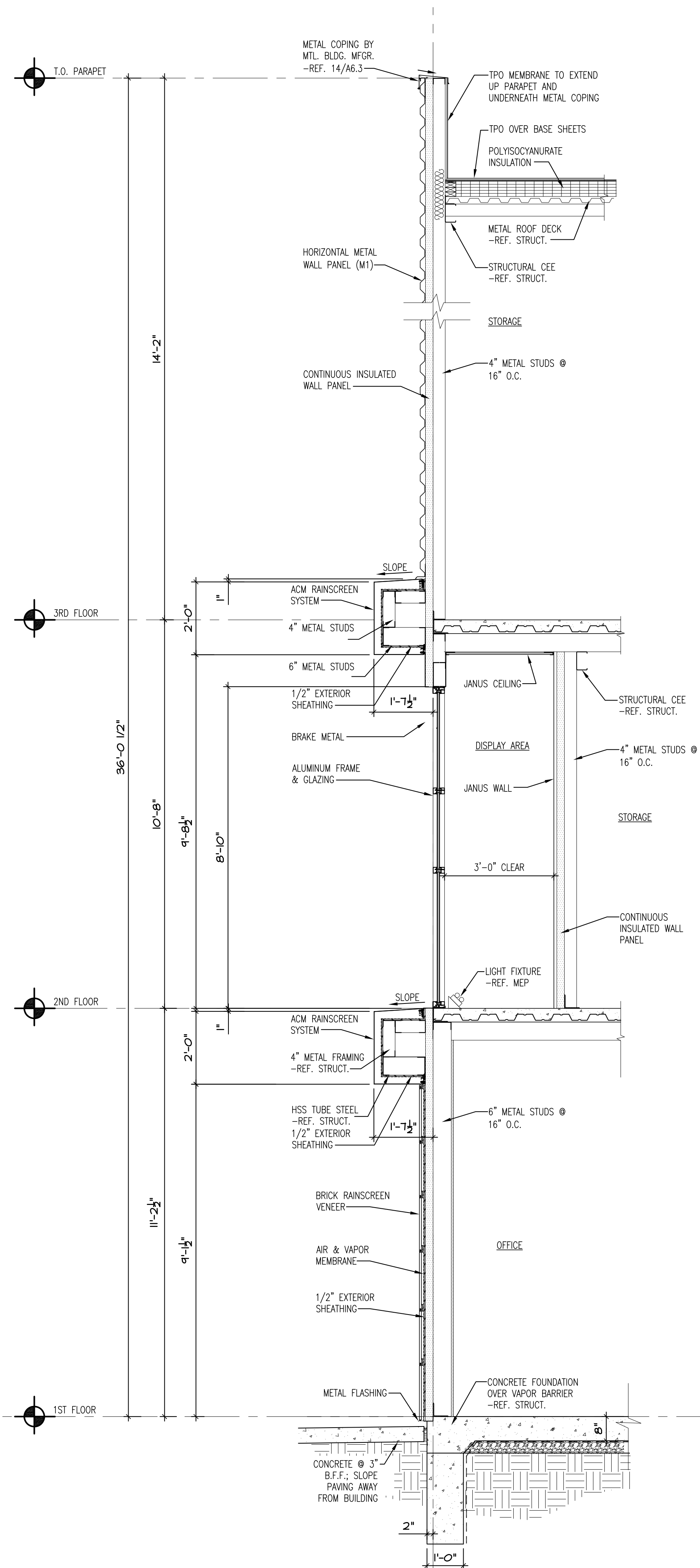


ALL SECTIONS

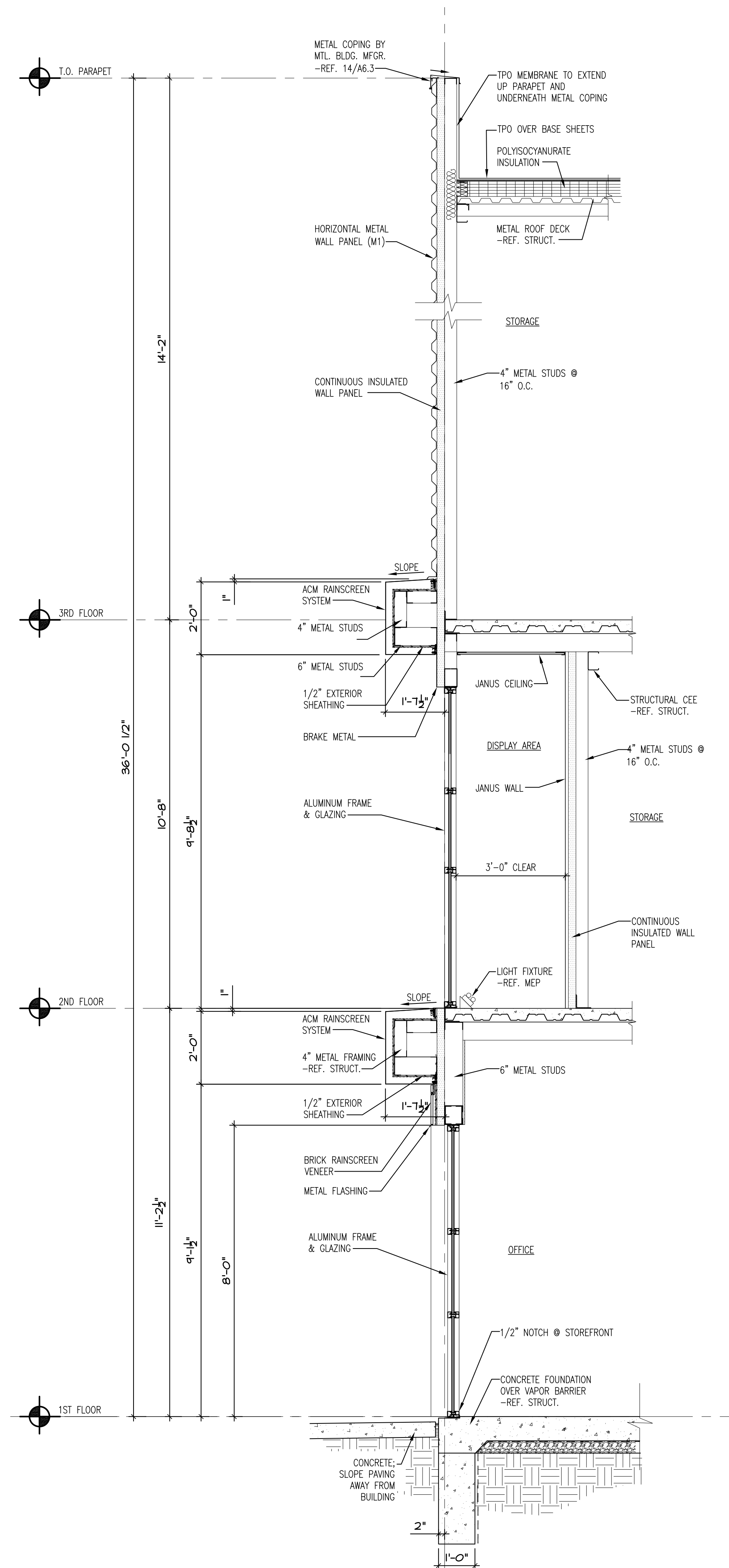
A4.1



1 WALL SECTION



2 WALL SECTION

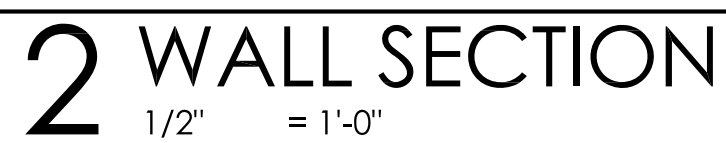


3 WALL SECTION



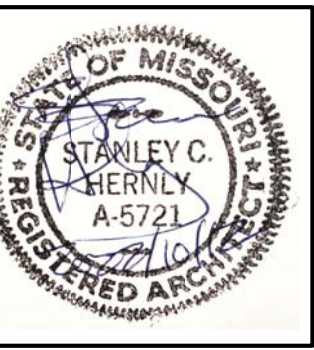
ALL SECTIONS

A4.2





LAKWOOD STORAGE
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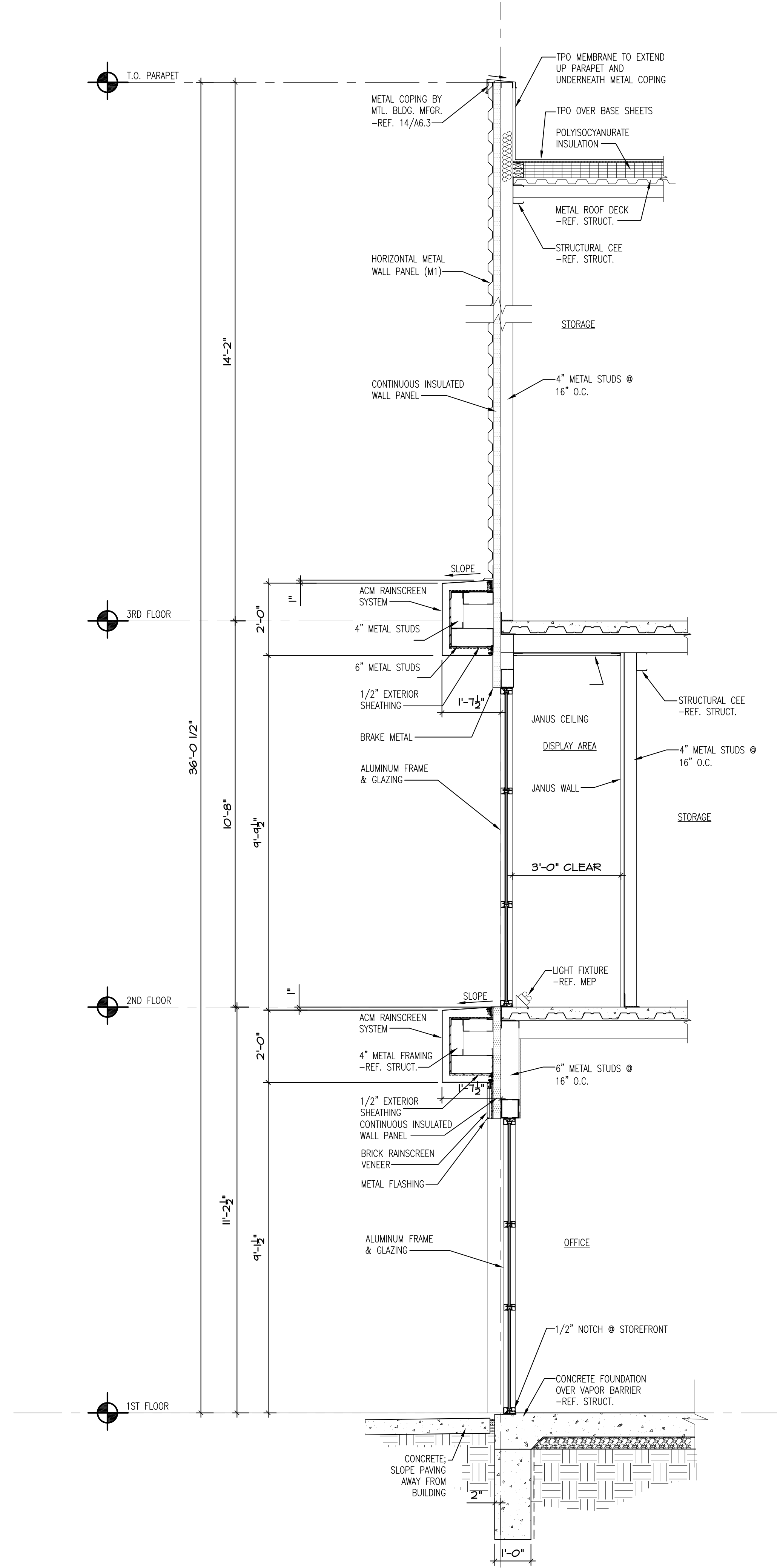
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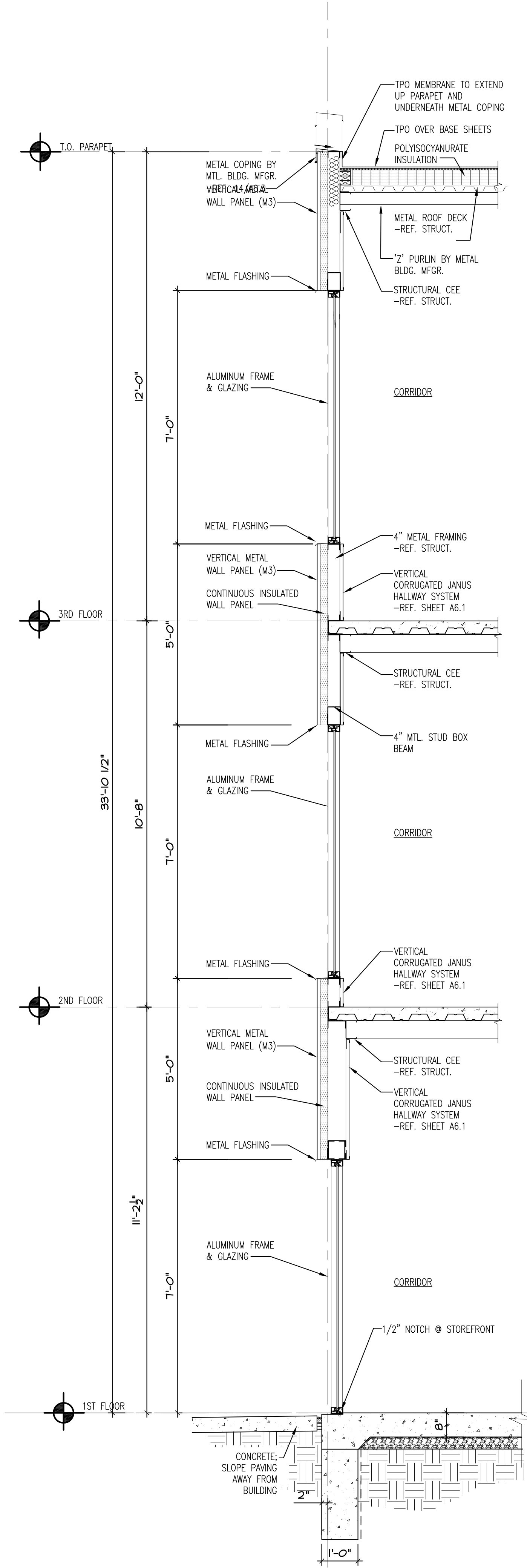
WALL SECTIONS

Date: 2022/11/08
Drawn by: SJB
Checked by: SCH
Revisions:

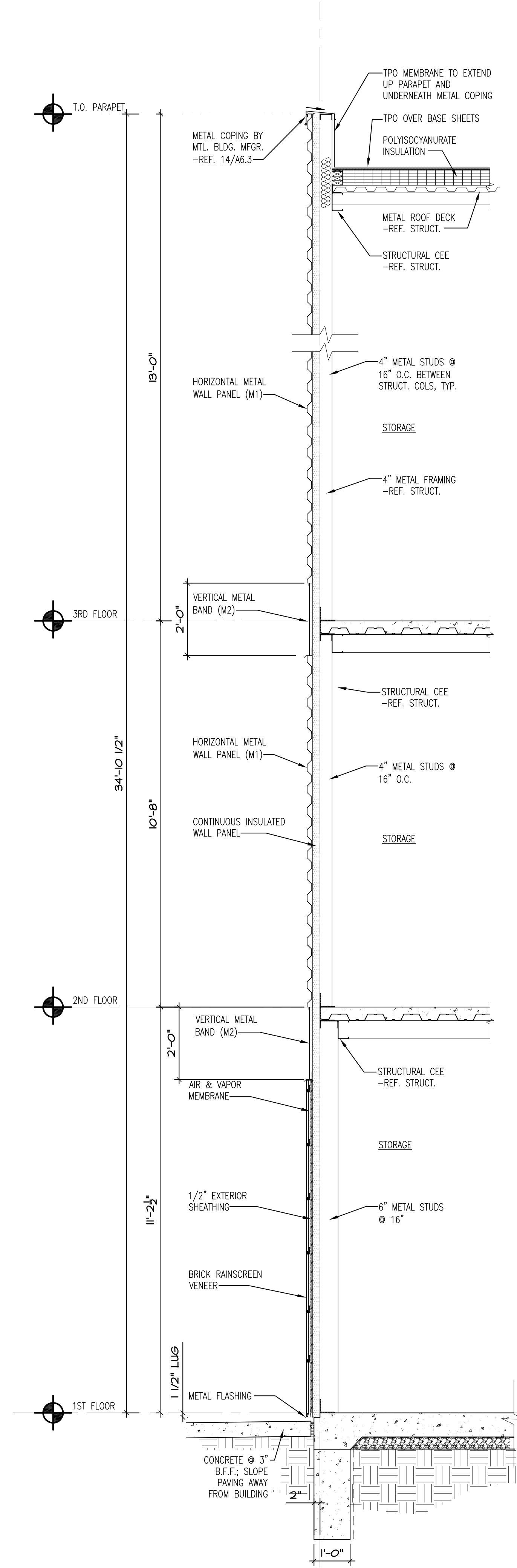
A4.3



1 WALL SECTION
1/2" = 1'-0"



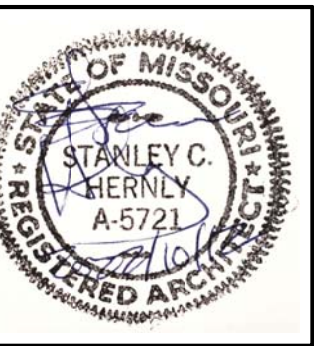
2 WALL SECTION
1/2" = 1'-0"



3 WALL SECTION
1/2" = 1'-0"



LAKESWOOD STORAGE
4101 NE PORT DRIVE
LEE'S SUMMIT, MO



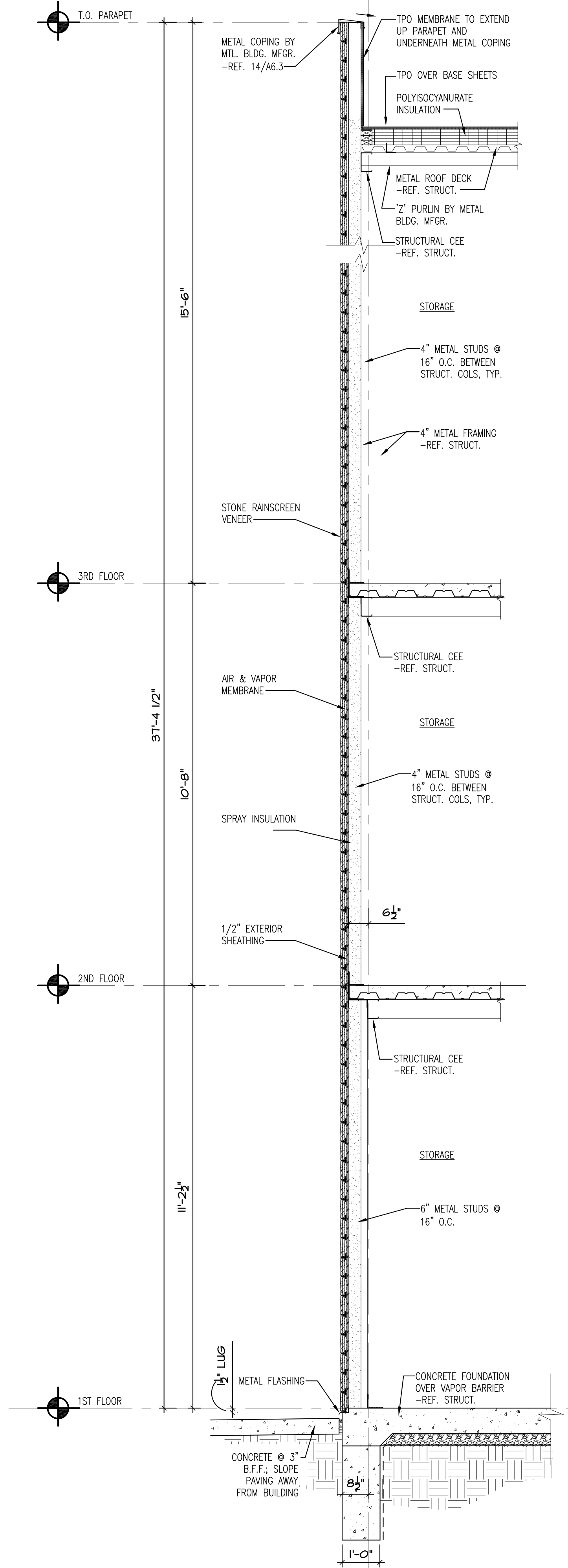
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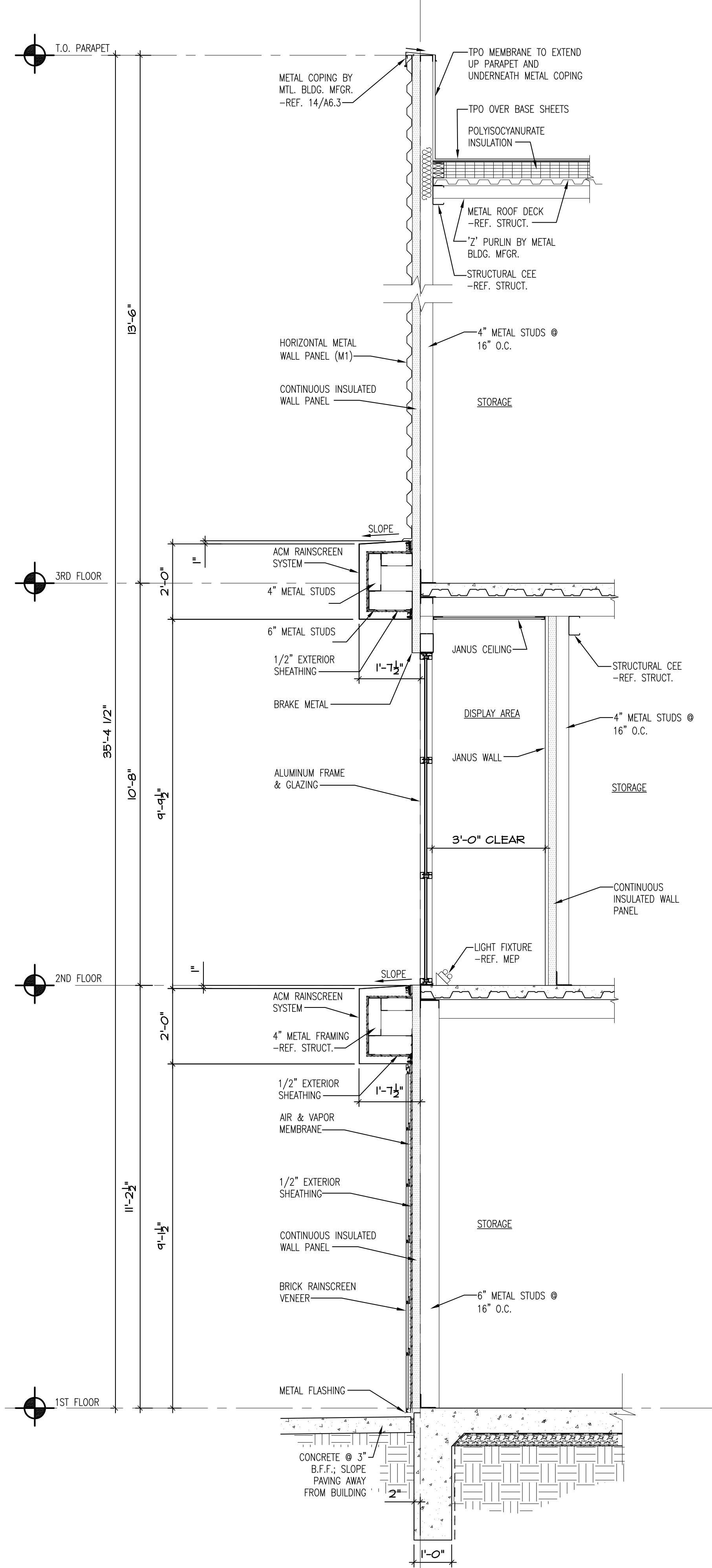
WALL SECTIONS

Date: 2022/11/08
Drawn by: SJB
Checked by: SCH
Revisions:

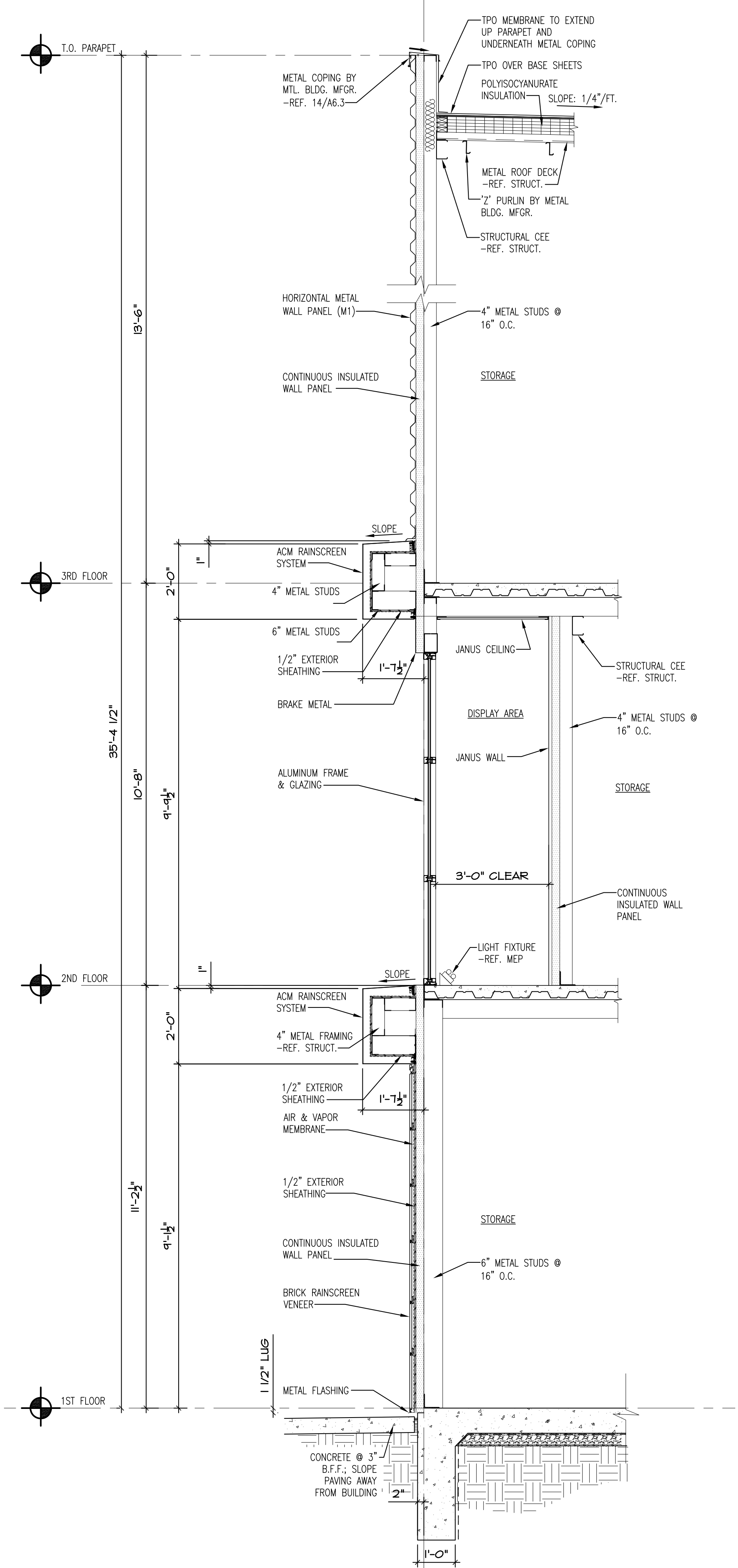
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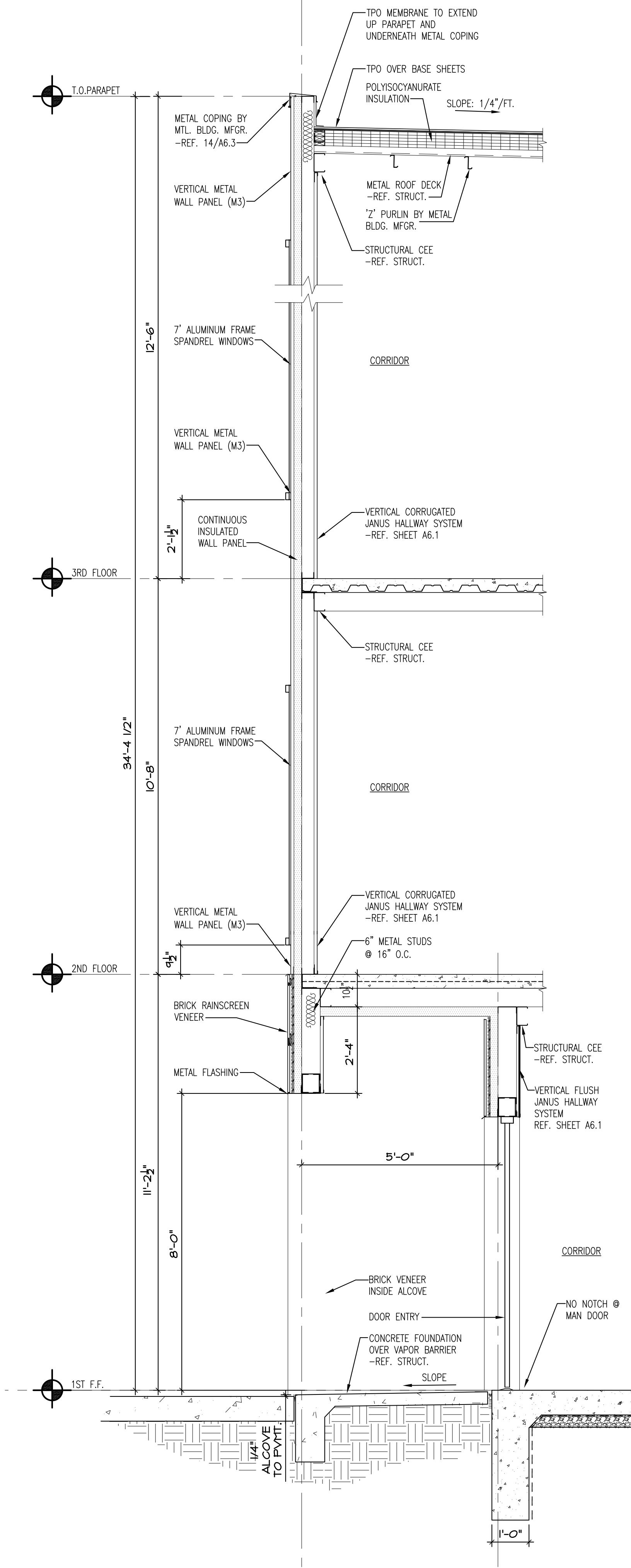
1 WALL SECTION
1/2" = 1'-0"



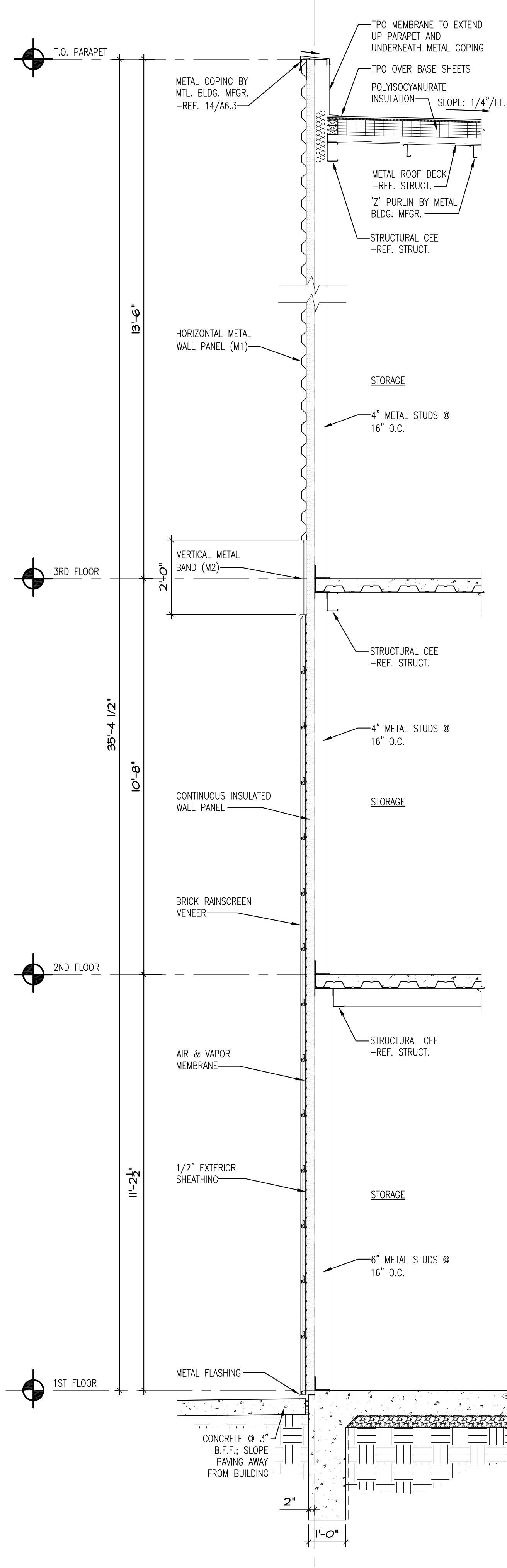
2 WALL SECTION
1/2" = 1'-0"



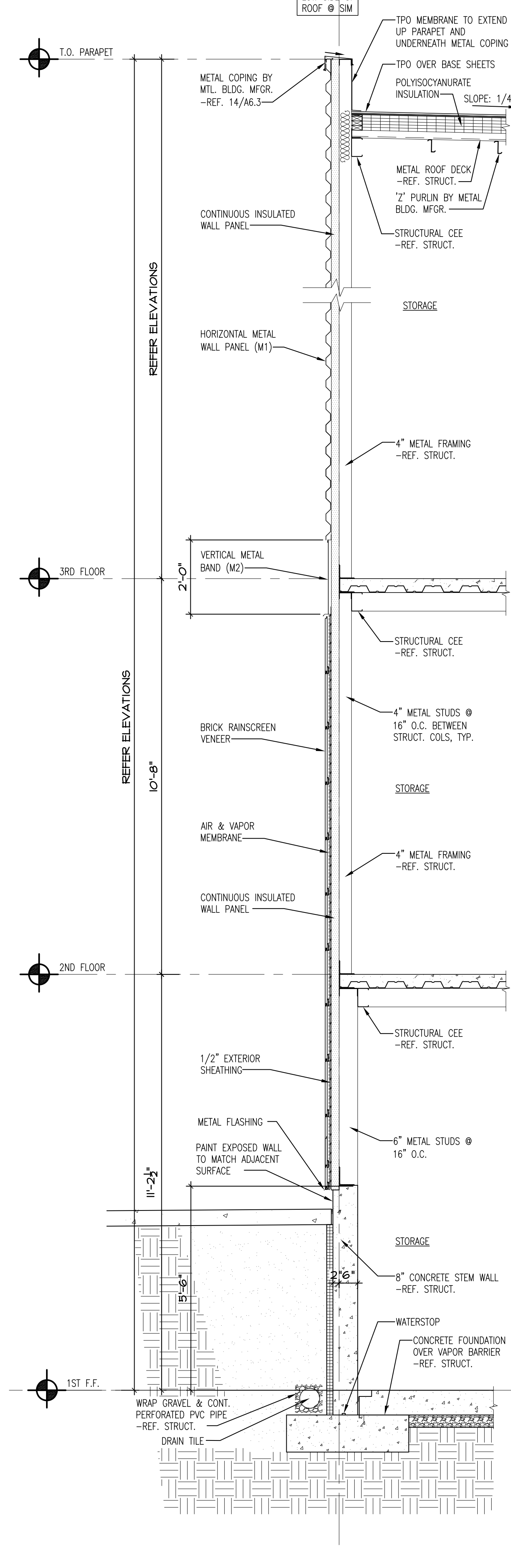
3 WALL SECTION
1/2" = 1'-0"



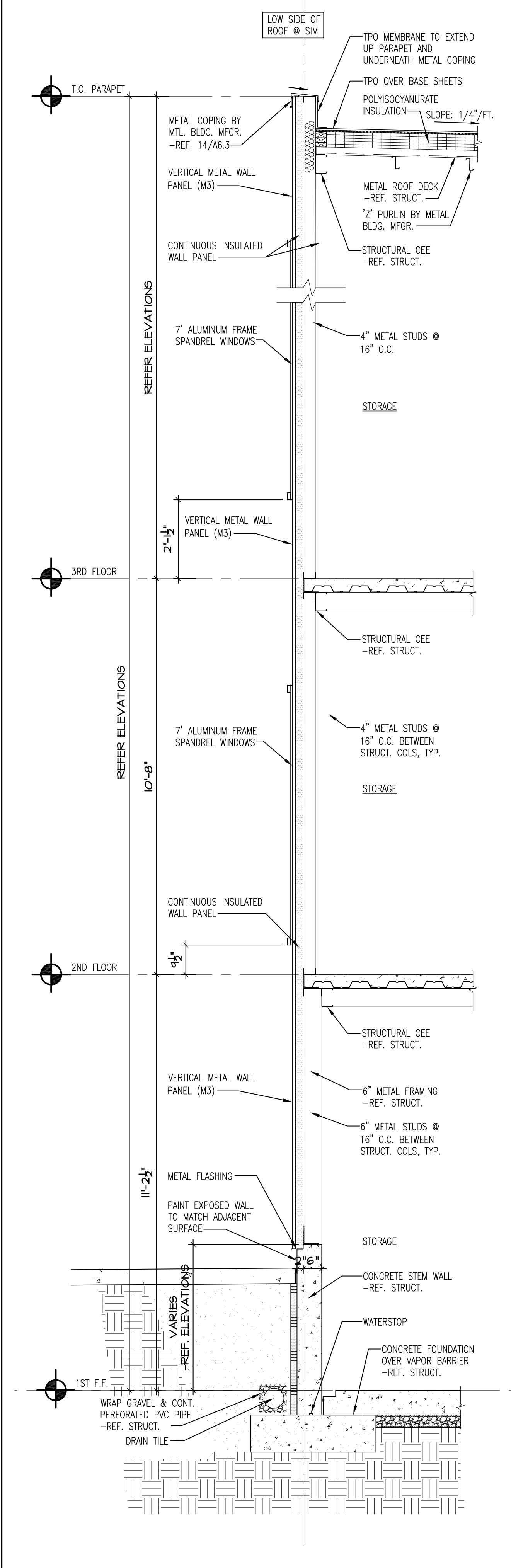
1 WALL SECTION
1/2" = 1'-0"



2 WALL SECTION
1/2" = 1'-0"



3 WALL SECTION
1/2" = 1'-0"



4 WALL SECTION
1/2" = 1'-0"



LAKESWOOD STORAGE
4101 NE PORT DRIVE
LEE'S SUMMIT, MO



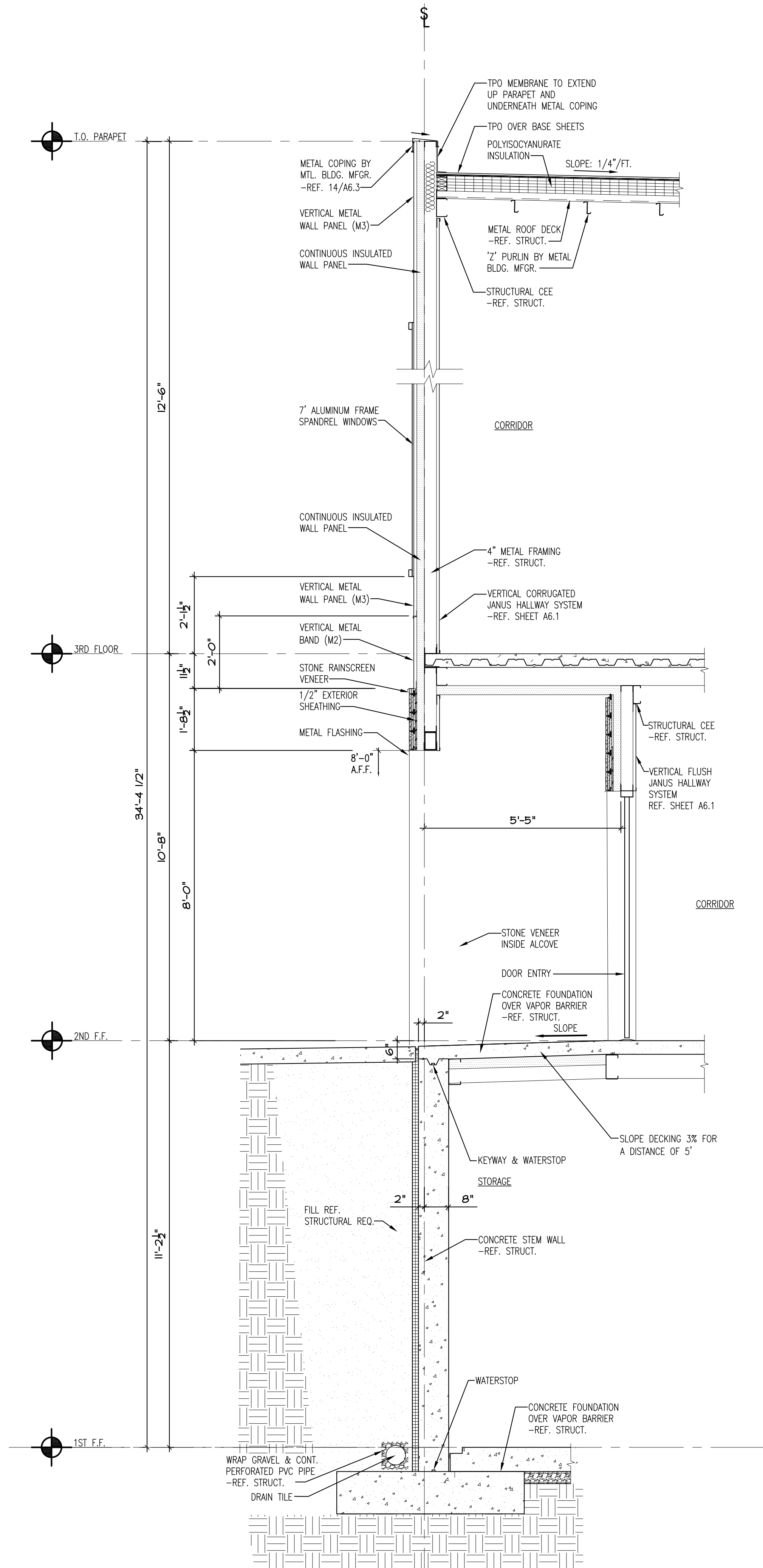
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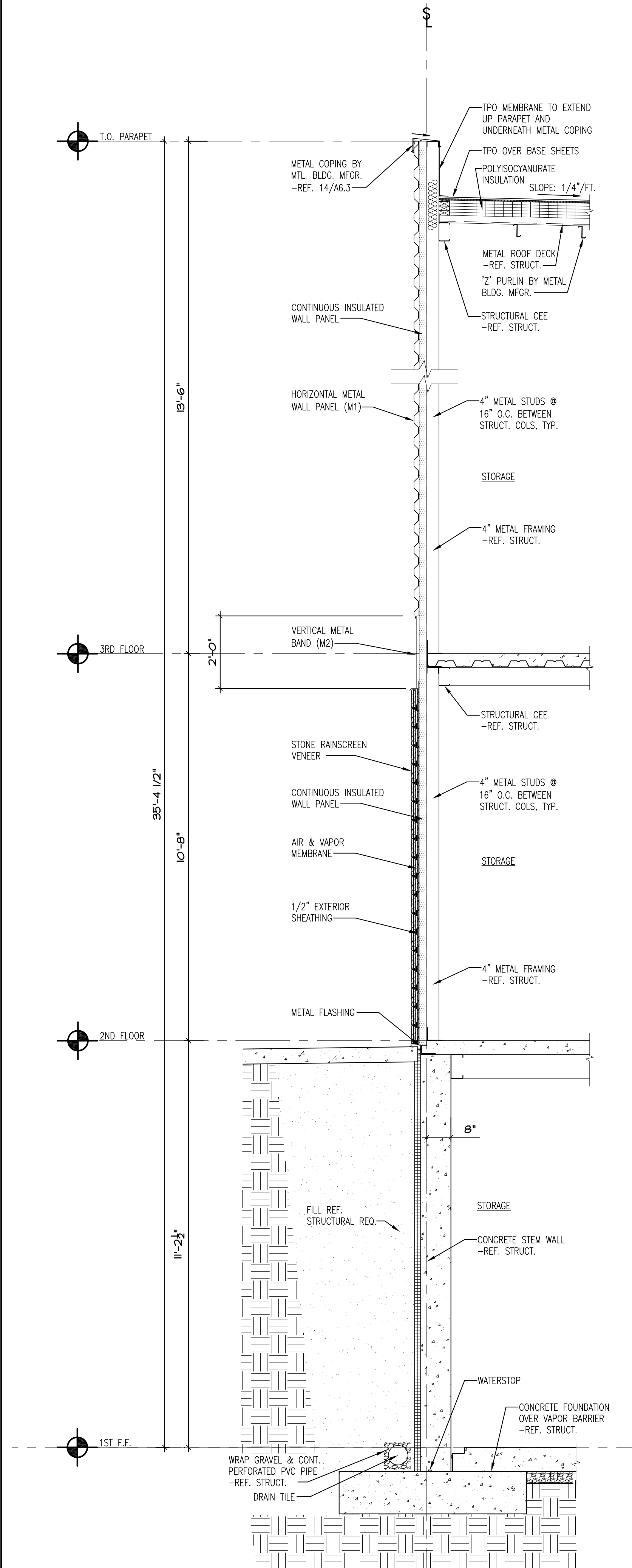
WALL SECTIONS

Date: 2022/11/08
Drawn by: SJB
Checked by: SCH
Revisions:

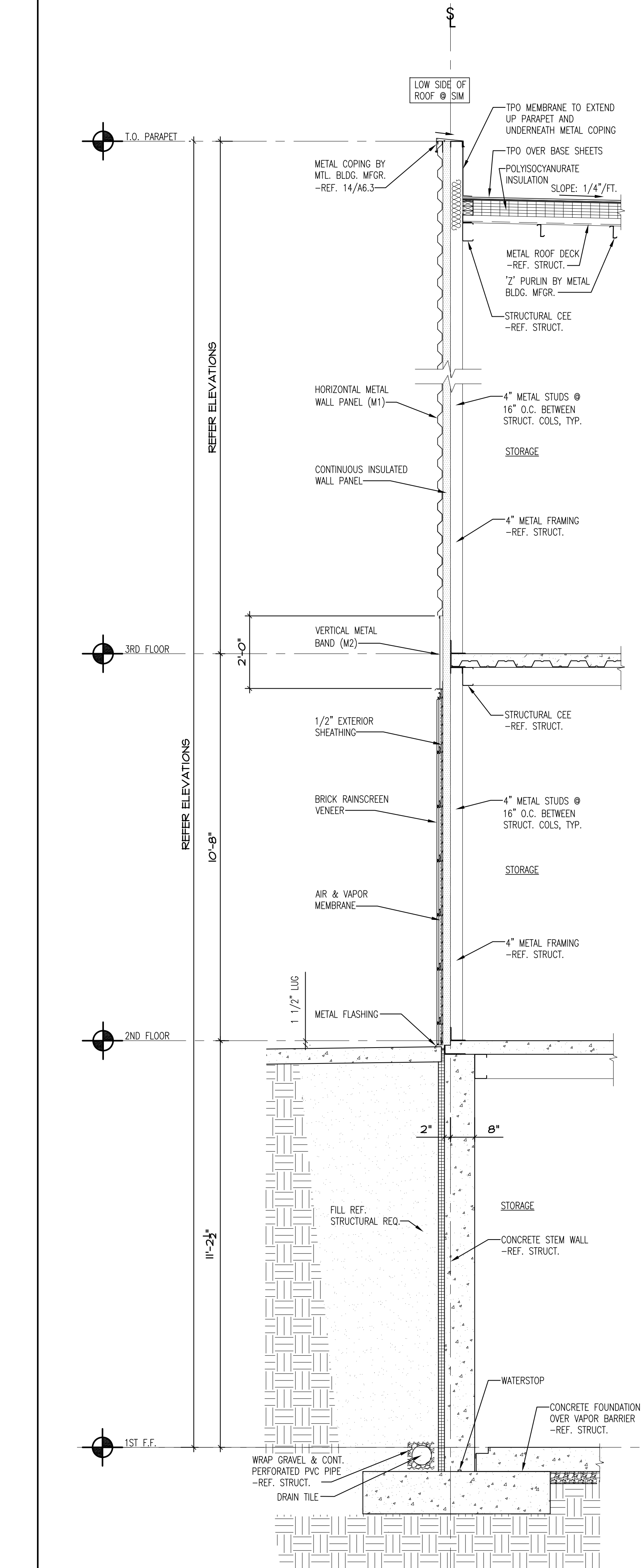
A4.6



1 WALL SECTION
1/2" = 1'-0"



2 WALL SECTION
1/2" = 1'-0"



3 WALL SECTION
1/2" = 1'-0"



LAKESWOOD STORAGE
4101 NE PORT DRIVE
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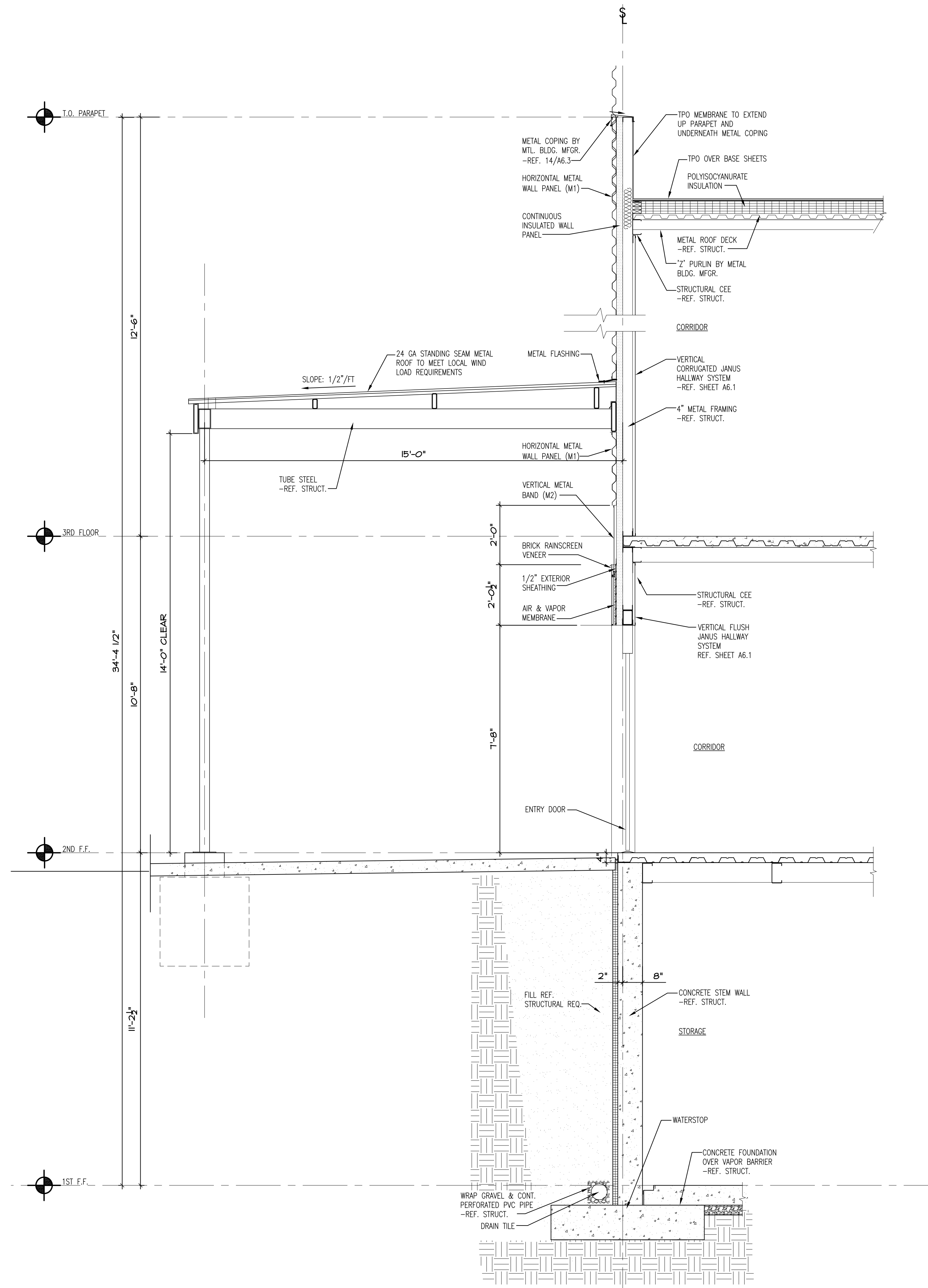
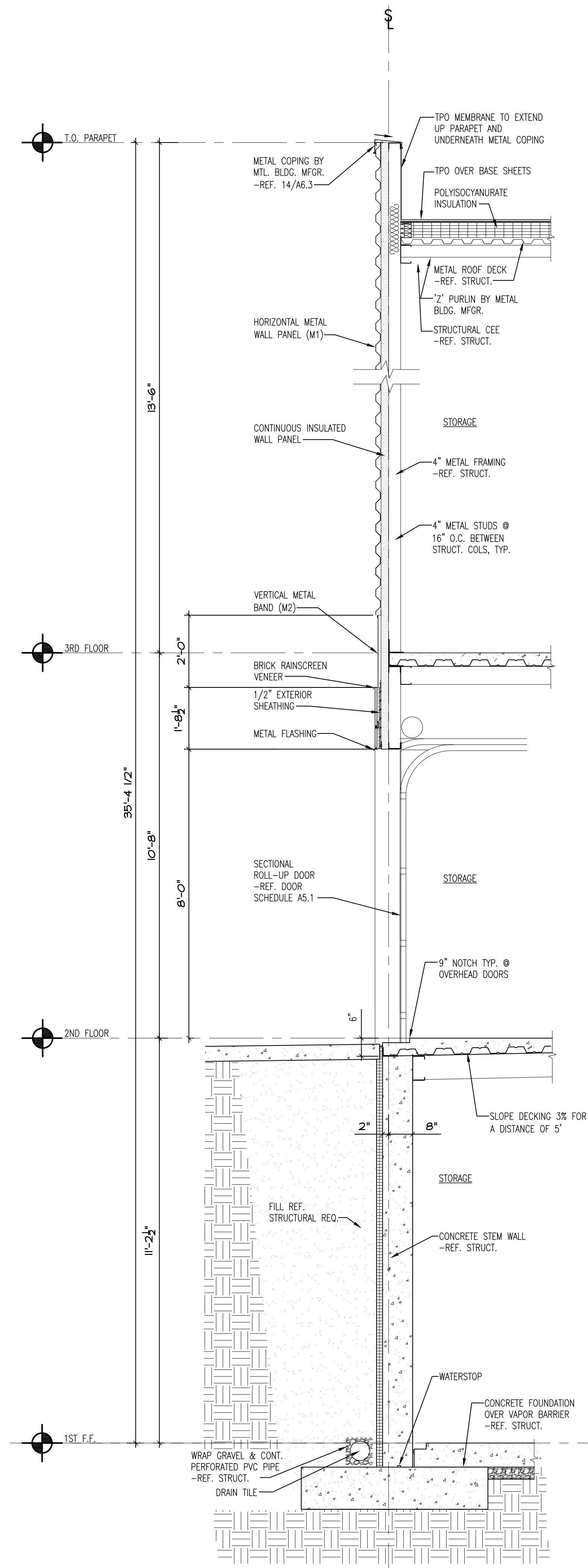
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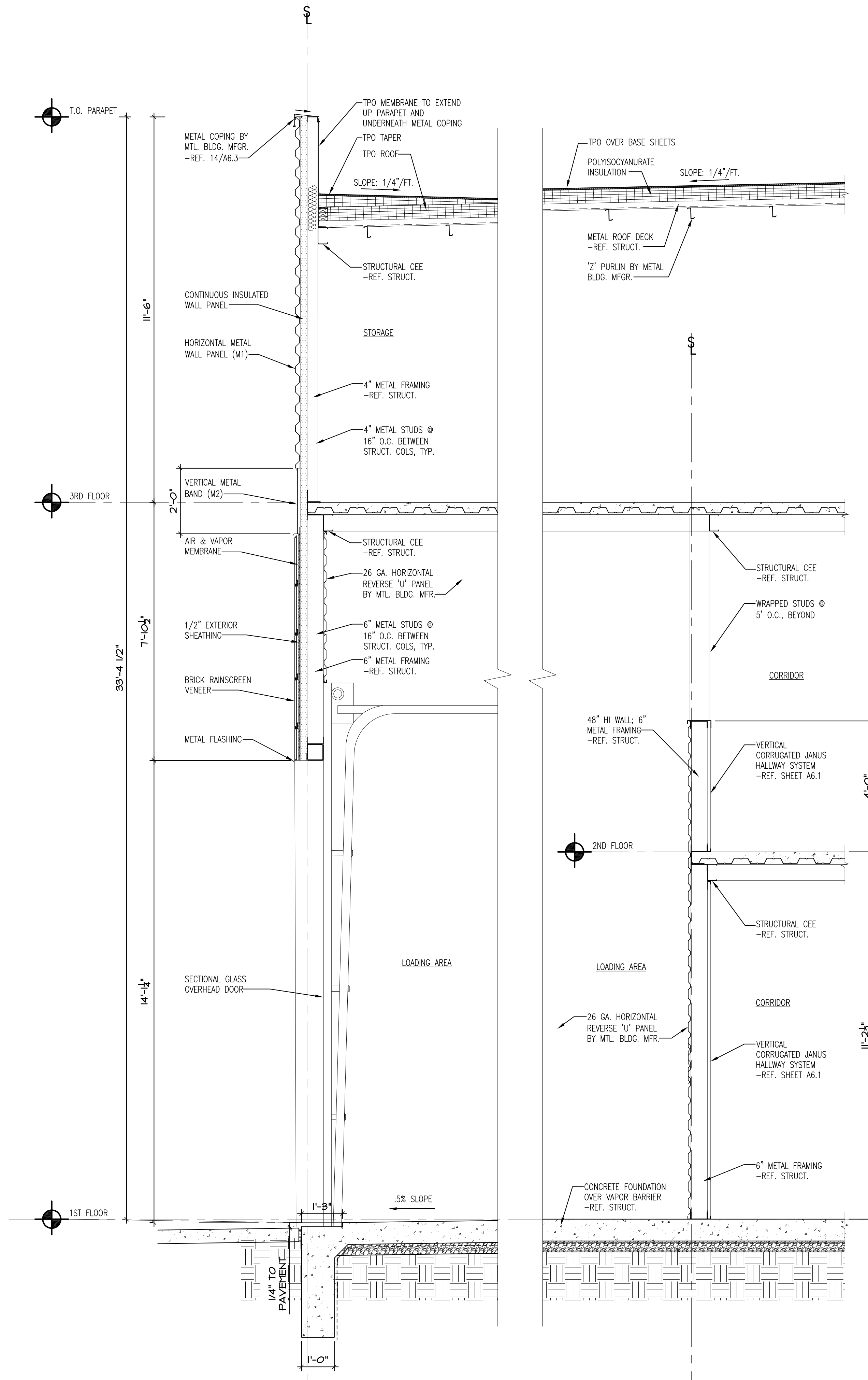
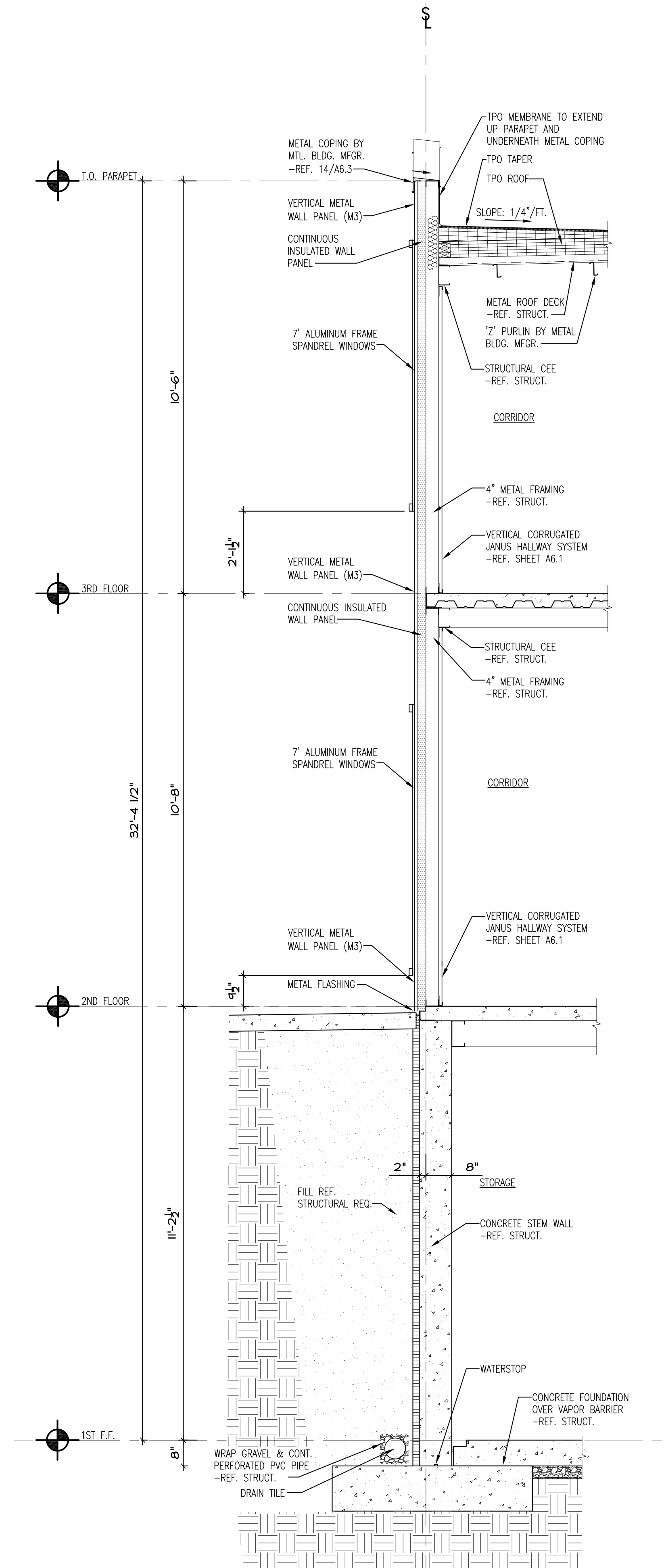
Date: 2022/11/08
Drawn by: SJB
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Revisions:

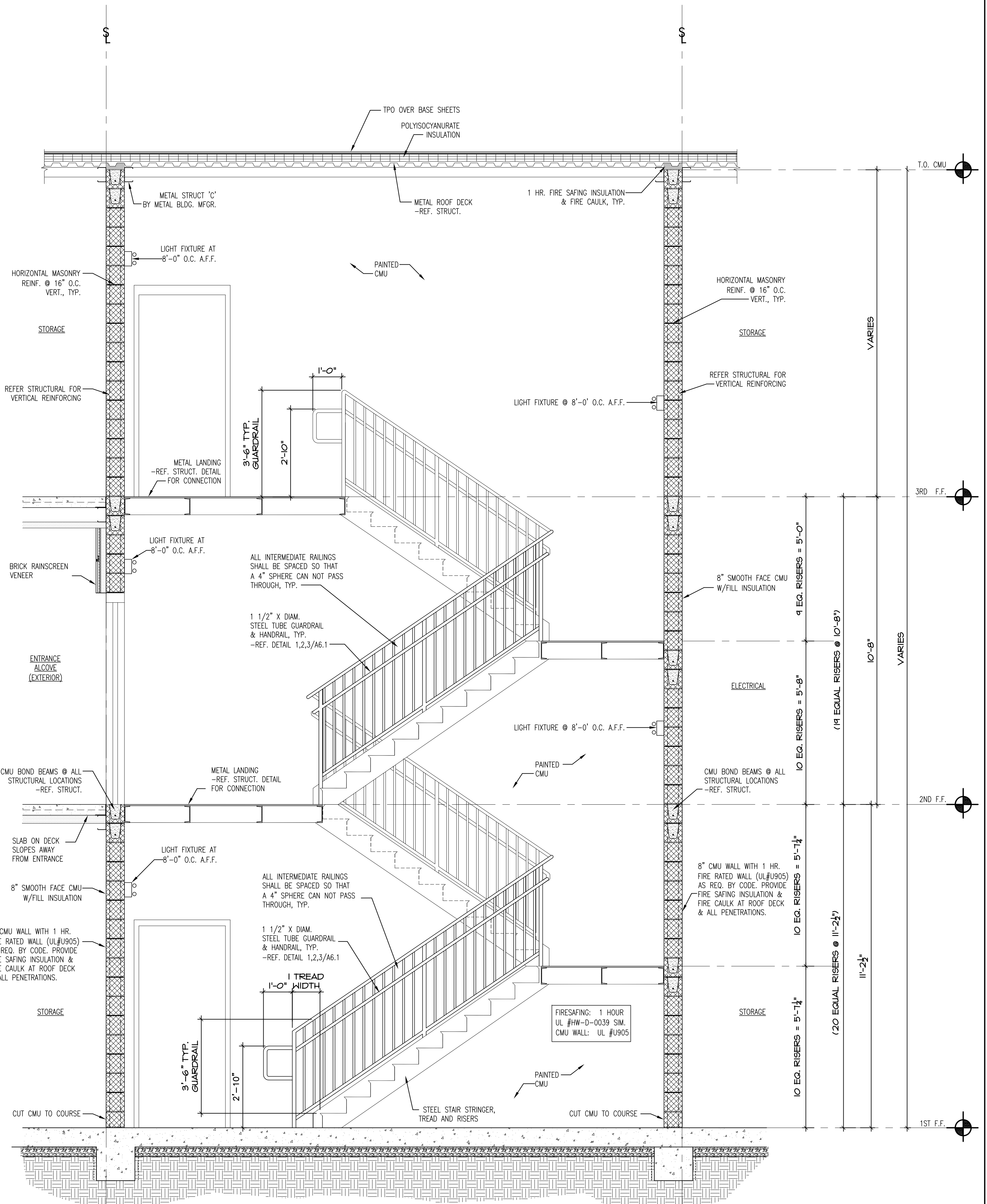
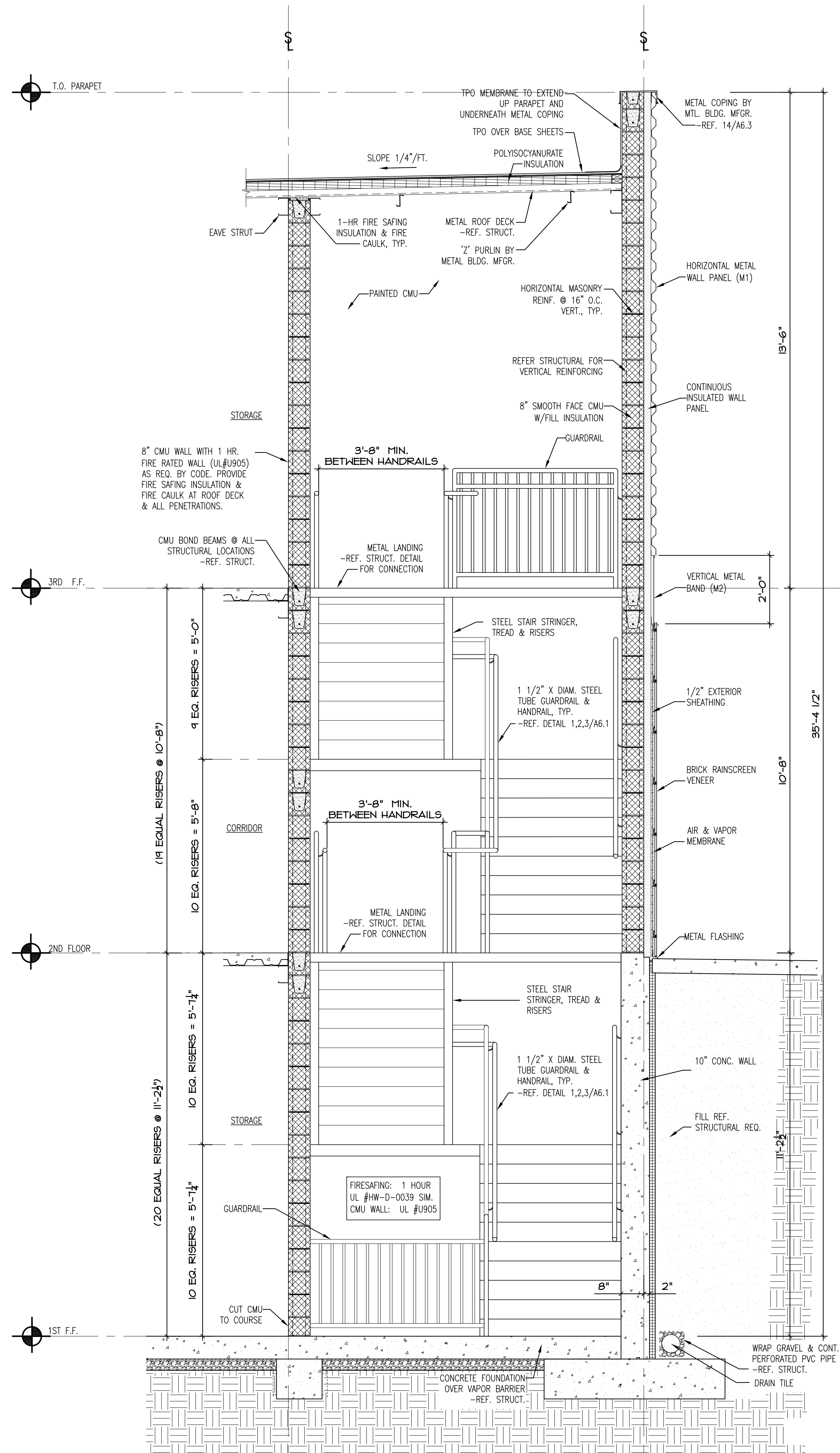
A4.7



1 WALL SECTION
1/2" = 1'-0"

2 WALL SECTION
1/2" = 1'-0"

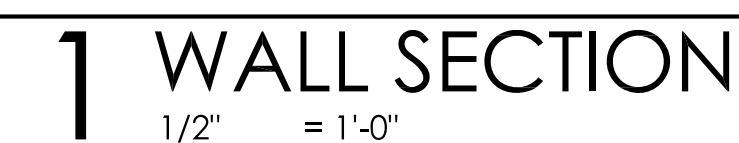






ALL SECTIONS

A4.11





LAKWOOD STORAGE
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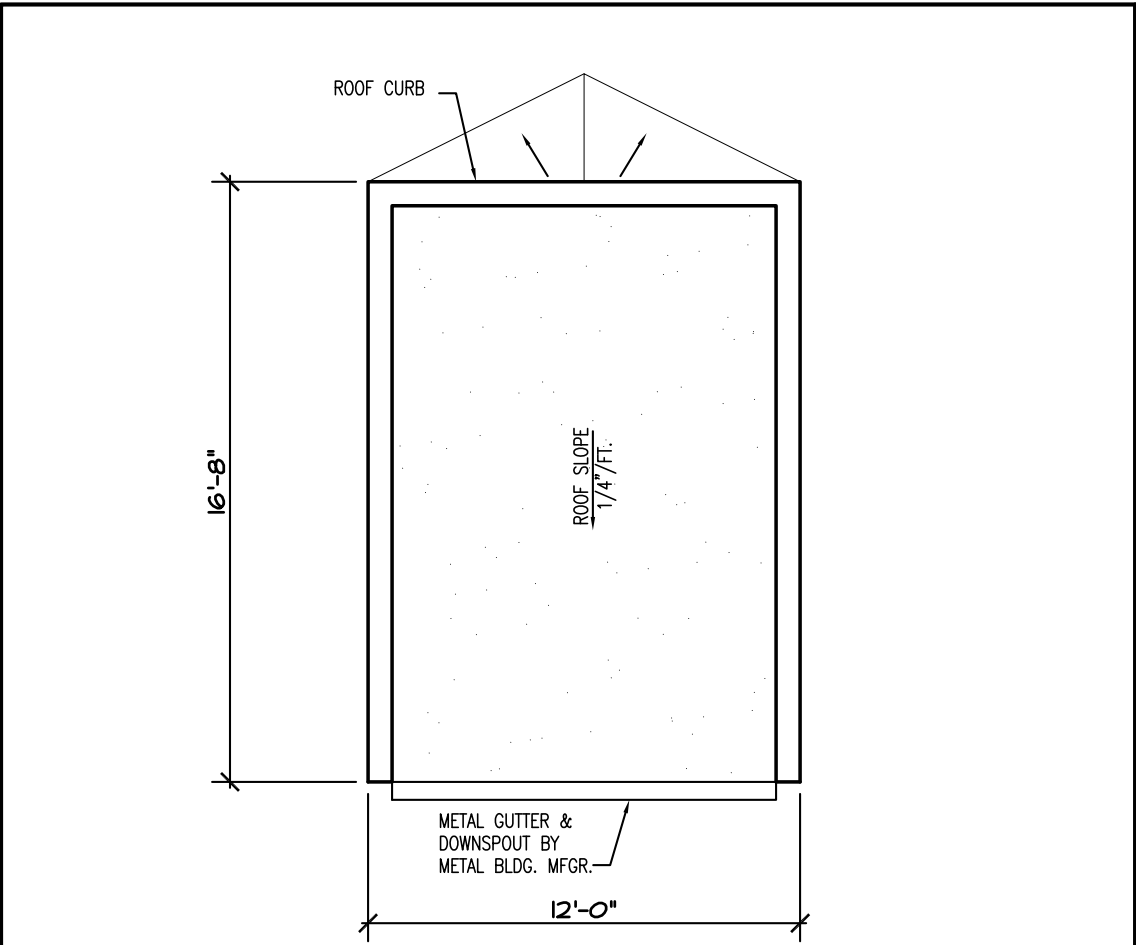
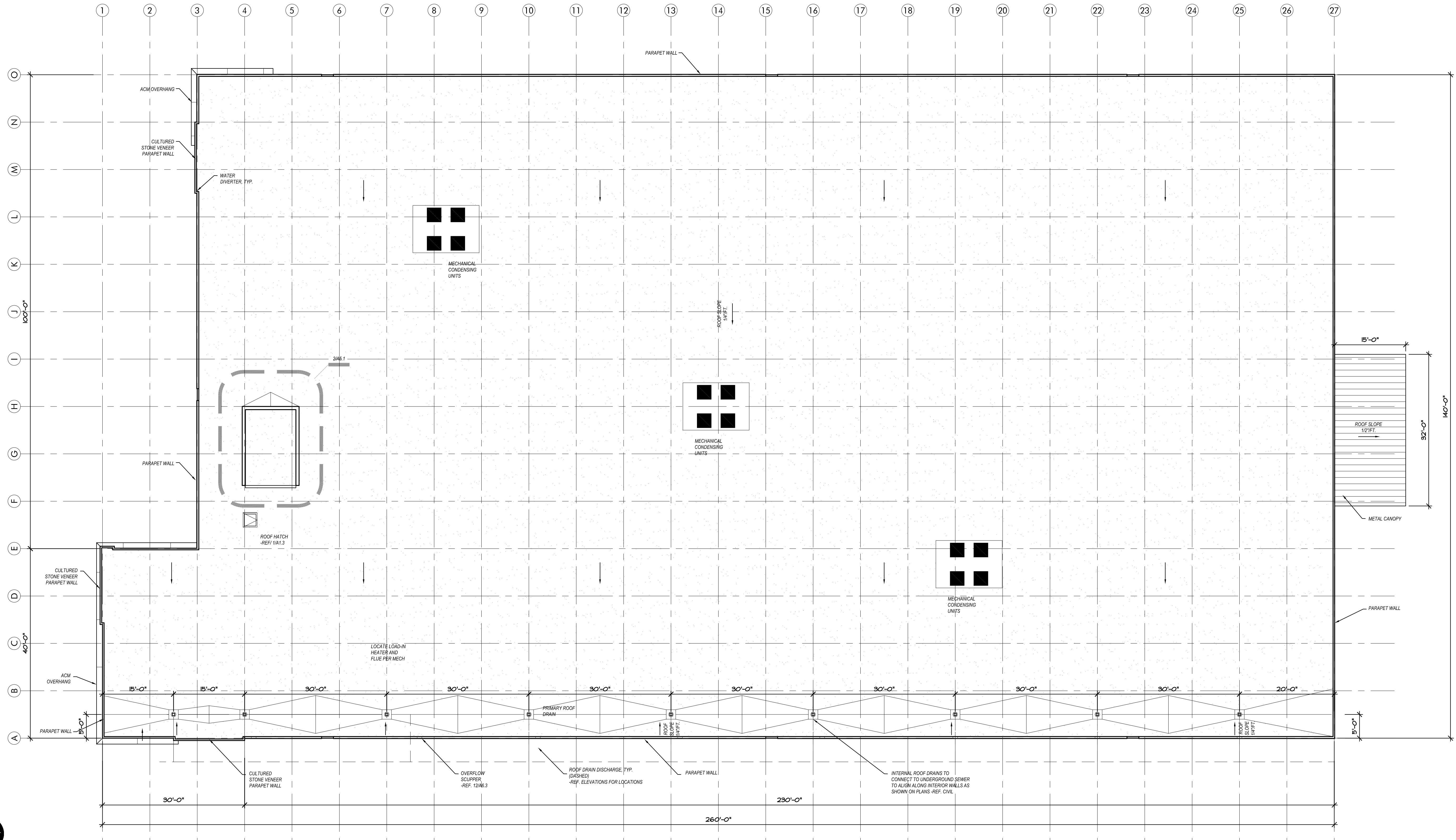
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ROOF PLAN

Date: 2022/11/08
Drawn by: SJH
Checked by: SCH
Revisions:

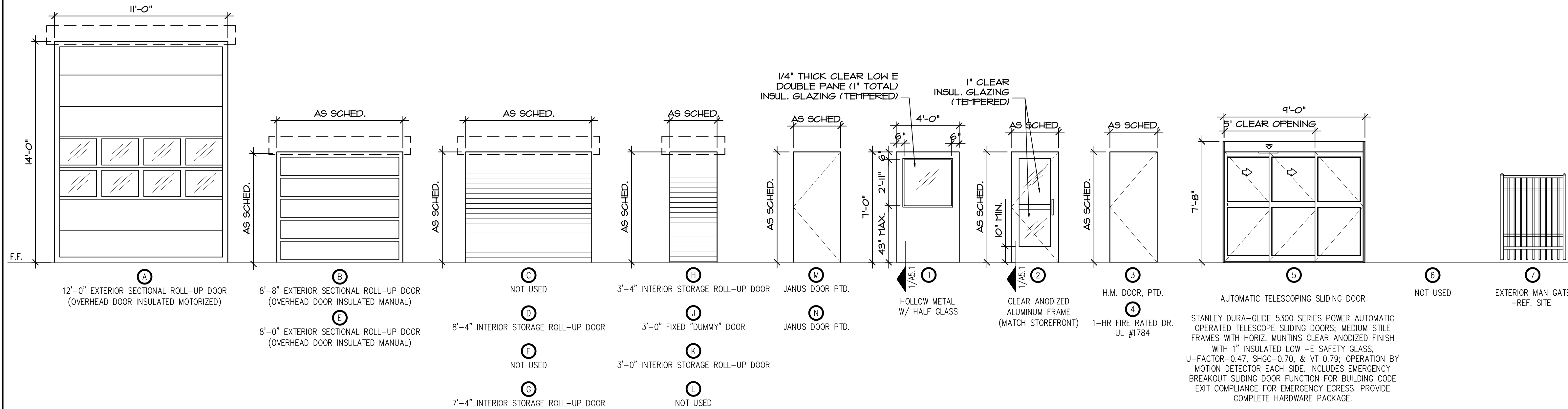
A5.1



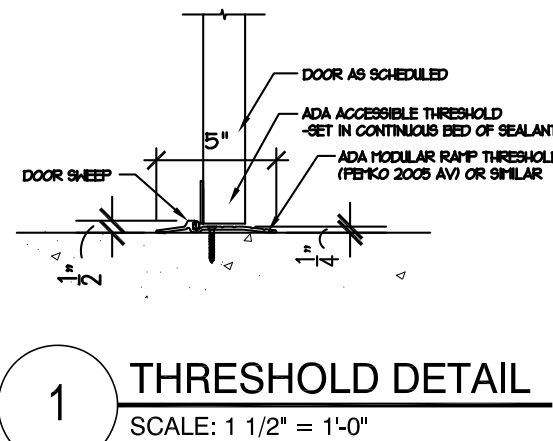
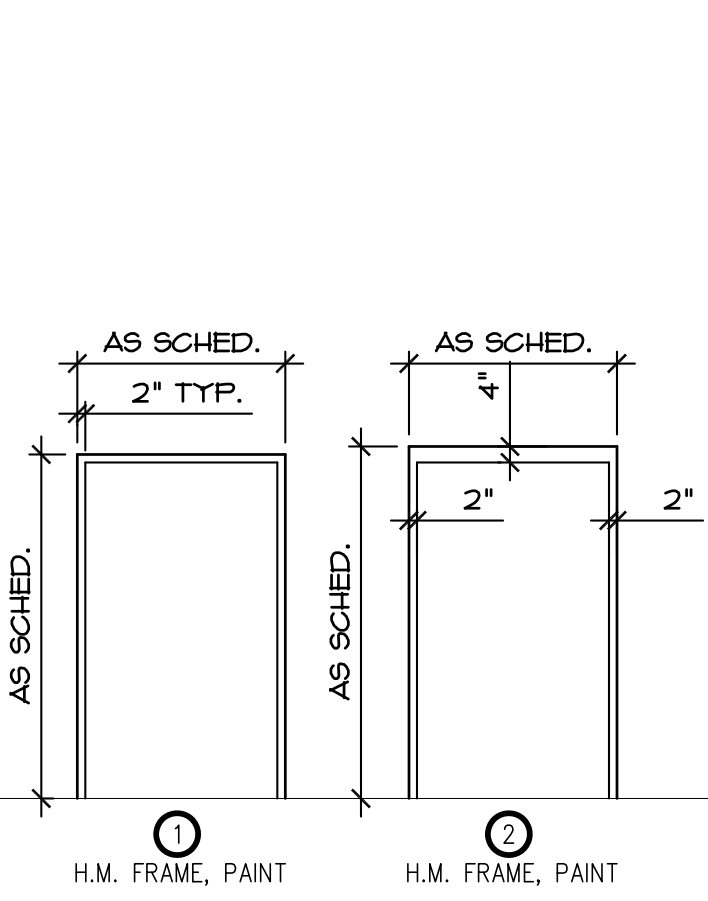
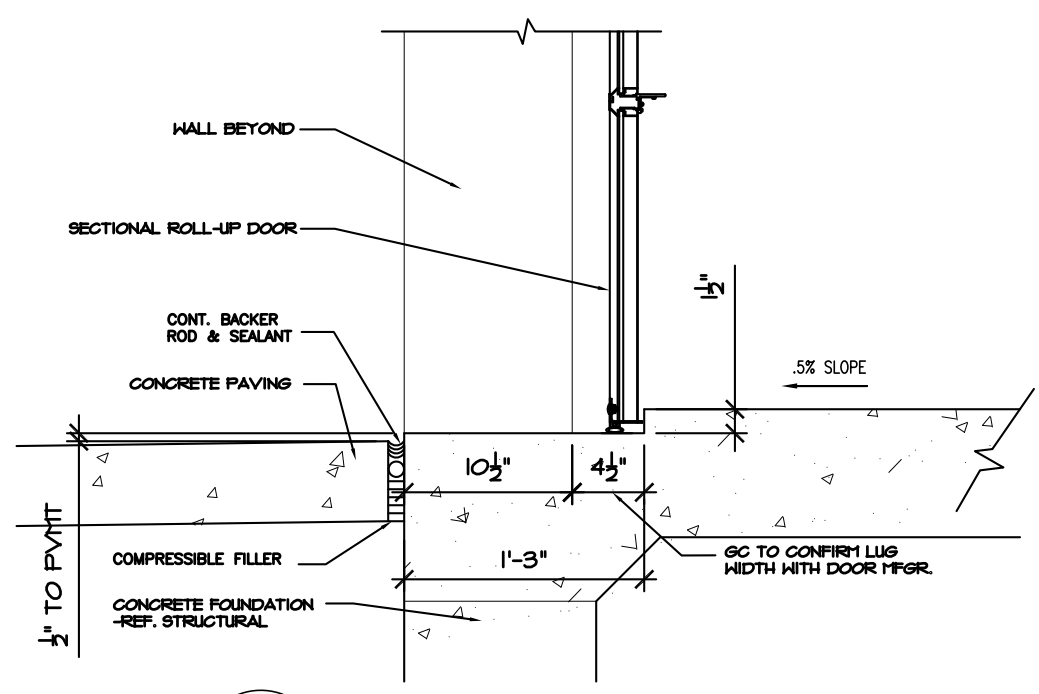
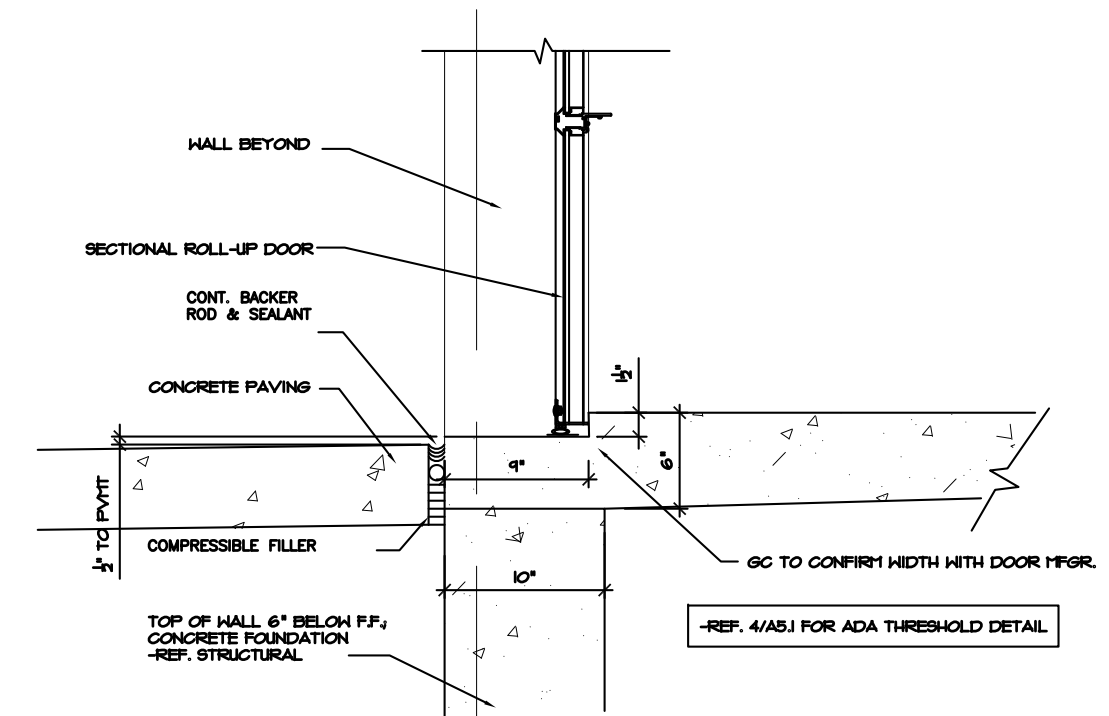
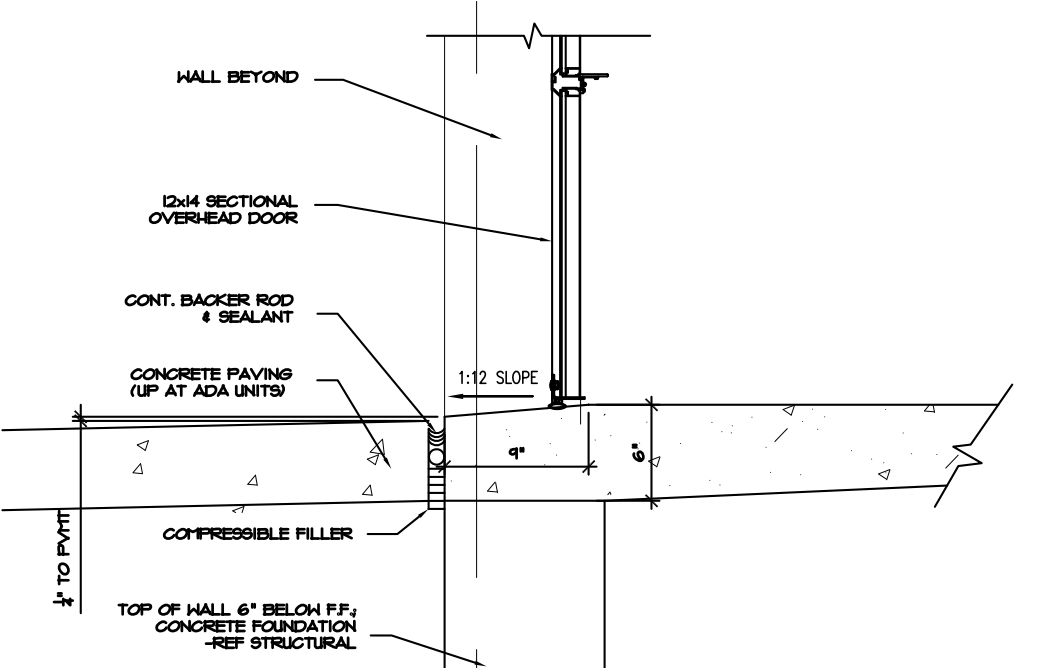
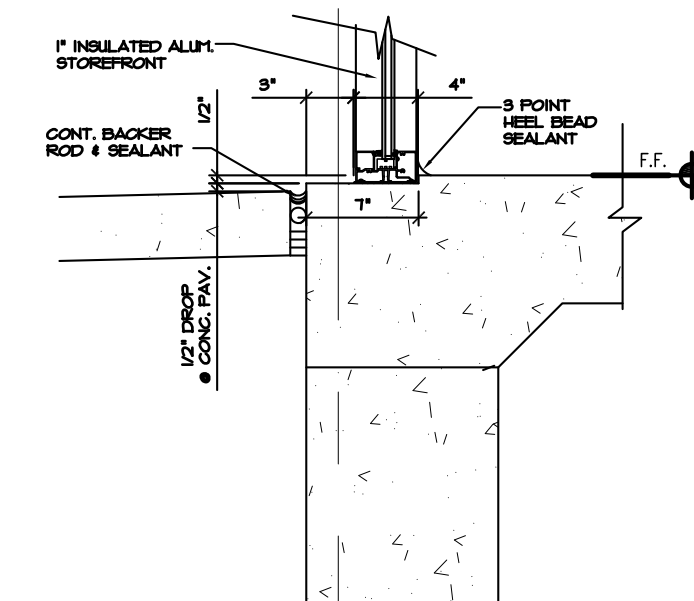
1 ROOF PLAN
3/32" = 1'-0"

2 DETAIL PLAN - ELEV
3/16" = 1'-0"

DOOR TYPES



FRAME TYPES

1 THRESHOLD DETAIL
SCALE: 1 1/2" = 1'-0"2 THRESHOLD DETAIL @ LOAD IN BAYS
SCALE: 1" = 1'-0"3 THRESHOLD DETAIL @ EXT UNITS
SCALE: 1" = 1'-0"4 THRESHOLD DETAIL (ADA)
SCALE: 1" = 1'-0"5 STOREFRONT DETAIL
SCALE: 1 1/2" = 1'-0"

FINISH SCHEDULE											
FIRST FLOOR		FLOOR		WALLS				CEILING		KEYED NOTES	
		MATERIAL	BASE	NORTH	SOUTH	EAST	WEST	HEIGHT	TYPE		
OFFICE	101	SALES AREA	PC	WD	PT-1	PT-1	-	PT-1	-	ES	-
	102	RECEPTION DESK	PC	WD	PT-1	PT-1	PT-1/PT-2	-	-	ES	-
	103	MDF / BREAK ROOM	PC	RUBBER	PT-1	PT-1	PT-1	PT-1	8'-0"	LAY-IN	-
	104	AHU ROOM	PC	-	PT-1	PT-1	PT-1	PT-1	8'-0"	LAY-IN	-
	105	DISPLAY AREA	PC	WD	PT-1	PT-1	PT-1	PT-1	-	ES	2
	106	MENS T.R.	PFT	-	PT-3	PT-3	PT-3	PT-3	8'-0"	LAY-IN	1
	107	WOMENS T.R.	PFT	-	PT-3	PT-3	PT-3	PT-3	8'-0"	LAY-IN	1
	108	DRINKING FOUNTAIN	PC	-	JANUS	JANUS	JANUS	JANUS	-	ES	-
	109	LOADING AREA	SLT	-	JANUS	JANUS	JANUS	JANUS	-	ES	-
KEYED NOTES:											
1. SMOOTH, HARD, NON-ABSORBANT FINISH REQ'D UP TO 48" (EPOXY PAINT TYP. @ ALL RESTROOMS)											
2. DUMMY DOORS PER FLOOR PLANS.											
GENERAL NOTES:											
A. GENERAL CONTRACTOR TO SUBMIT ALL FINISH SELECTIONS TO OWNER AND ARCHITECT FOR APPROVAL PRIOR TO ORDERING											
B. REF. SHEET A7.1 FOR SPECIFICATIONS.											
C. GENERAL CONTRACTOR TO PROVIDE ALLOWANCE FOR CERAMIC TILE IN ROOMS 101-105 AS AN ALTERNATE											
LEGEND:											
ES EXPOSED STRUCTURE											
GRID 2X2 CEILING GRID ONLY											
GYP 5/8" TYPE 'X' GYPSUM BOARD											
JANUS JANUS WALL SYSTEM											
LAY-IN 2x2 LAY-IN ACOUSTICAL CEILING											
PC POLISHED CONCRETE											
PFT PORCELAIN FLOOR TILE											
PT-1 INTERIOR OFFICE PAINT											
PT-2 INTERIOR OFFICE PAINT - ACCENT											
PT-3 EPOXY PAINT											
RUBBER RUBBER WALL BASE											
WD PAINTED WOOD BASE											
SLT SEALANT WITH TRAFFIC COATING											

DOOR NOTES

1. DOOR HARDWARE TO BE APPROVED BY OWNER BASED ON SUBCONTRACTOR SUBMITTAL.
2. CONTRACTOR TO COORDINATE DOOR HARDWARE AND FRAMES WITH SECURITY EQUIPMENT AND MAGNETIC HOLD OPEN DEVICES.
3. PROVIDE MIN. INTERIOR & EXTERIOR ACCESSIBLE HARDWARE, THRESHOLDS, SIGNAGE, ETC. TO COMPLY W/ ADA ACCESSIBILITY STANDARDS. REFERENCE FLOOR PLANS FOR LOCATIONS.
4. NOT USED
5. NOT USED
6. STORAGE ROLL-UP DOORS-PROVIDE ALUM. HANDLES W/ SLIDE BAR LATCH TO FRAME, CONTINUOUS ALUM. BOTTOM PULL BAR, WEATHER SEALS (EXTERIOR) AND REMOVABLE CYLINDER LOCK W/ EMERGENCY OVERRIDE LATCH OPERATOR TO OPERATOR.
7. GLAZING IN ALL EXTERIOR DOORS TO BE INSULATED LOW-E GLAZING W/ 1/4" DOUBLE PANES W/ 1/2" AIR SPACE (1" TOTAL) (TEMPERED).
8. THRESHOLDS 1 1/2" LUGS NOT REQUIRED AT ALCOVE ENTRIES.
9. READILY VISIBLE DURABLE SIGN POSTED ON THE EGRESS SIDE ON OR ADJACENT TO THE DOOR STATING: "THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED" -REF. SHEET A2.6 FOR INSTALLATION INSTRUCTIONS.
10. FIRE RATED DOORS TO BE SELF CLOSING OR AUTOMATIC CLOSING.
11. READILY VISIBLE DURABLE SIGN POSTED ON EGRESS SIDE ADJACENT TO DOOR STATING: "EXIT" IN TACTILE LETTERS & BRAILLE -REF SHEET A2.6 FOR INSTALLATION INSTRUCTIONS.
12. READILY VISIBLE DURABLE SIGN POSTED ON ENTRY SIDE OF DOOR STATING "ROOM NAME" IN TACTILE LETTERS AND BRAILLE - REF. SHEET A2.6 FOR INSTALLATION INSTRUCTIONS.
13. ROLL UP DOORS TO MEET LOCAL WIND LOAD REQUIREMENTS.
14. CONSTRUCTION CORES TO REMAIN - REKEYING/MASTER KEYING BY OWNER
15. 3'-0" CLEAR MAN GATE - ORNAMENTAL IRON APPLIED METAL SECURITY MESH AT GATE AND ADJACENT FENCE PANEL EXTEND FULL LENGTH OF EITHER SIDE OF LOCKSET. LEVER HARDWARE PER ADA REQUIREMENTS.
16. SLIDING DOOR OPENING TO BE ON SAME SIDE AS MAN DOOR ADJACENT.
17. DOORS TO COMPLY WITH ENERGY CODES SHOWN ON SHEET A7.1.
18. DOORS TO COMPLY WITH LOCAL WIND LOAD CAPACITY.

STORAGE DOOR SCHEDULE

MARK	WIDTH	HEIGHT	DOOR TYPE	FRAME TYPE	REMARKS
(A)	11'-0"	14'-0"	EXT. SECT.	-	17,28
(B)	8'-8"	8'-0"	EXT. SECT.	-	17,28
(C)			NOT USED		
(D)	8'-4"	7'-0"	INT. ROLL-UP	-	17
(E)	8'-0"	8'-0"	EXT. SECT.	-	17,28
(F)			NOT USED		
(G)	7'-4"	7'-0"	INT. ROLL-UP	-	17
(H)	3'-4"	7'-0"	INT. ROLL-UP	-	17
(J)	3'-0"	7'-0"	DUMMY DOOR	-	9,17
(K)	3'-0"	7'-0"	INT. ROLL-UP	-	17
(L)			NOT USED		
(M)	3'-0"	7'-0"	JANUS SWING	-	17
(N)	3'-0"	7'-0"	JANUS SWING	-	17,29

DOOR SCHEDULE

LOCATION	MARK	WIDTH	HEIGHT	DOOR TYPE	FRAME TYPE	REMARKS
OFFICE ENTRY	(1)	3'-0"	7'-0"	2	STFT	1,2,3,5,8,9,11,15,16,17,18,23
MDF ROOM	(2)	3'-0"	7'-0"	3	1	11,15,20
AHU ROOM	(3)	3'-0"	7'-0"	3	1	7,10,11,20
OFFICE / LOADING	(4)	3'-0"	7'-0"	1	1	11,15,20
OFFICE / STORAGE	(5)	3'-0"	7'-0"	3	1	11,15,20
TOILET ROOM	(6)	3'-0"	7'-0"	3	1	11,14,20,24
TOILET ROOM	(7)	3'-0"	7'-0"	3	1	11,14,20,24
ALCOVE ENTRY	(8)	4'-0"	7'-0"	1	1	1,2,3,4,10,11,12,13,16,19,24
LOADING EXIT	(9)	3'-0"	7'-0"	1	1	1,2,3,8,10,11,12,16,19,24
STAIR B - 1ST FLR	(10)	3'-0"	7'-0"	4	1	1,2,6,10,11,19,24
STAIR B - EXIT	(11)	3'-0"	7'-0"	4	1	1,2,3,8,10,11,12,16,19,24
ELEV. ACCESS	(12)	3'-0"	7'-0"	3	1	2,3,8,10,11,12,16,20
ELEV. ACCESS	(13)	3'-0"	7'-0"	3	1	2,3,8,10,11,12,16,20
ELECTRICAL ROOM	(14)	3'-0"	7'-0"	3	1	2,3,8,10,11,12,16,20
FIRE RISER ROOM	(15)	6'-0" PR	7'-0"	3	1	2,3,8,10,11,12,16,20
ALCOVE ENTRY	(16)	4'-0"	7'-0"	1	1	1,2,3,4,10,11,12,13,16,19,24
STAIR A - 1ST FLR	(17)	3'-0"	7'-0"	4	2	1,2,6,10,11,19,24
STAIR A - EXIT	(18)	3'-0"	7'-0"	3	2	1,2,3,8,10,11,12,16,19,24
STAIR A	(19)	3'-0"	7'-0"	3	2	1,2,3,8,10,11,12,16,19,24
SLIDING DOOR	(20)	9'-0"	7'-8"	5R	-	3,13,19,21,22,27
STAIR B - 2ND FLR	(21)	3'-0"	7'-0"	4	2	1,2,6,10,11,19,24
STAIR A - 3RD FLR	(22)	3'-0"	7'-0"	4	2	1,2,6,10,11,19,24
STAIR B - 3RD FLR	(23)	3'-0"	7'-0"	4	2	1,2,6,10,11,19,24
MAN GATE	(24)	3'-0"	8'-0"	7	-	1,2,24,25

- REMARKS:
1. PANIC HARDWARE
 2. DOOR CLOSER
 3. WEATHER STRIPPING
 4. MAGNETIC HOLD OPEN -REF. DETAIL 1/A5.1 (REF. NOTE 11)
 5. DEADBOLT
 6. FIRE RATED - 1-HR (REF. NOTE 12)
 7. VENTED AT AHU LOCATIONS
 8. DRIP FLASHING
 9. FIXED "DUMMY" DOORS
 10. STORAGE LOCKSET
 11. DOOR STOP
 12. INSULATED
 13. KEY PAD
 14. TR LOCKSET
 15. OFFICE LOCKSET
 16. DOOR SWEEP
 17. COLOR-REF. SHEET A7.1
 18. DOOR SIGNAGE @ ENTRY (REF. NOTE 9)
 19. DOOR SIGNAGE @ EXITS (REF. NOTE 11)
 20. DOOR SIGNAGE @ IDENTIFYING ROOMS (REF. NOTE 12)
 21. STANLEY ACCESS CONTROL (PANIC BAR & ELECTRIC LOCK)
 22. STANLEY TIMER
 23. MAIL-SLOT
 24. KICKPLATE ON PUSH SIDE
 25. MAN GATE KEYSET
 26. NOT USED
 27. RIGHT HAND OPENING
 28. INSULATED SECTIONAL ROLL-UP DOOR
 29. CLASP ON LATCH PUSH SIDE
 30. LEFT HAND OPENING



LAKWOOD STORAGE
4101 NE PORT DRIVE
LEE'S SUMMIT, MO



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PLAN DETAILS

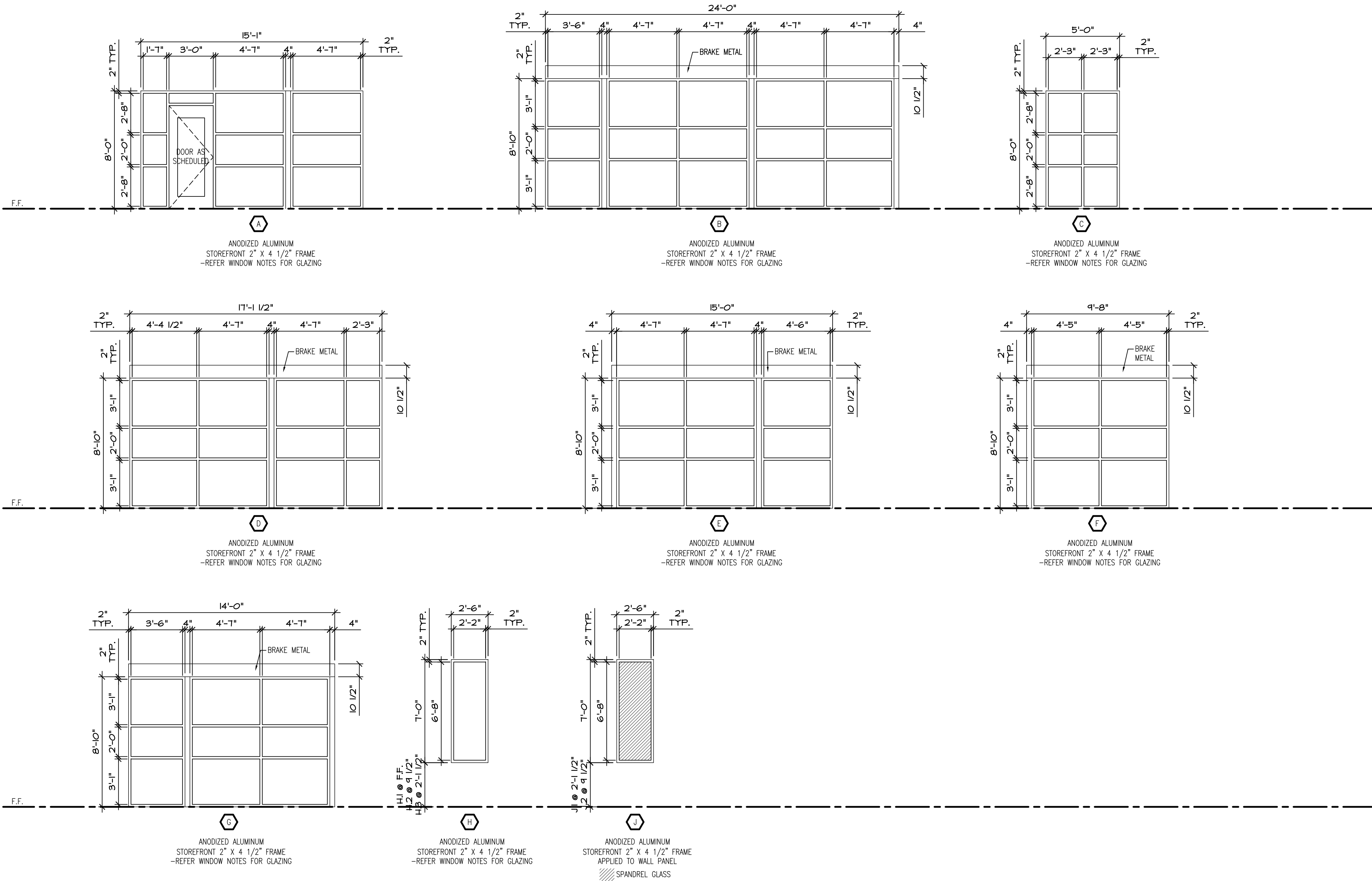
Date: 2022/11/08
Drawn by: SJB
Checked by: SCH
Revisions:

A6.1

WINDOW NOTES

1. VERIFY ALL ROUGH OPENING DIMENSIONS IN RELATION TO STRUCTURAL DRAWINGS. FRAME SIZES TO BE ADJUSTED AS NECESSARY FOR PROPER SHIM, FLASHING, AND THERMAL EXPANSION.
2. SAFETY (TEMPERED) GLAZING IS REQUIRED IN AN INDIVIDUAL FIXED OR OPERABLE PANEL ADJACENT TO A DOOR WHERE THE NEAREST EXPOSED EDGE OF THE GLAZING IS WITHIN A 24-INCH ARC OF EITHER VERTICAL EDGE OF THE DOOR IN A CLOSED POSITION AND WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60 INCHES ABOVE THE WALKING SURFACE (IBC 2406.3.6).
3. STOREFRONT INSULATED LOW-E GLAZING TO BE 1/4" DOUBLE PANES WITH 1/2" AIR SPACE(1" TOTAL)(TEMPERED).
4. EXTERIOR INSULATED LOW-E GLAZING TO BE 1/4" DOUBLE PANES WITH 1/2" AIR SPACE (1" TOTAL) (TEMPERED).
5. FLASH AND WEATHERSTRIP ALL EXTERIOR WINDOWS TO PROVIDE WATER RESISTANT ASSEMBLY.
6. WINDOW DIMENSION @ FIRST FINISHED FLOOR IS FROM LUG TO SILL.
7. WINDOW AND DOOR DIMENSIONS ARE ROUGH OPENINGS. DOORS, FRAMES, WINDOWS, ETC. ARE TO BE SIZED TO ALLOW SHIMS AND TOLERANCES TO MEET INDUSTRY STANDARDS AND THERMAL EXPOSITION (DEFINE IN SHOP DRAWINGS).
8. STOREFRONTS TO BE ANODIZED ALUMINUM.

WINDOW TYPES



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PLAN DETAILS

Date: 2022/11/08
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Revisions:

A6.2



LAKESWOOD STORAGE
4101 NE PORT DRIVE
LEE'S SUMMIT, MO



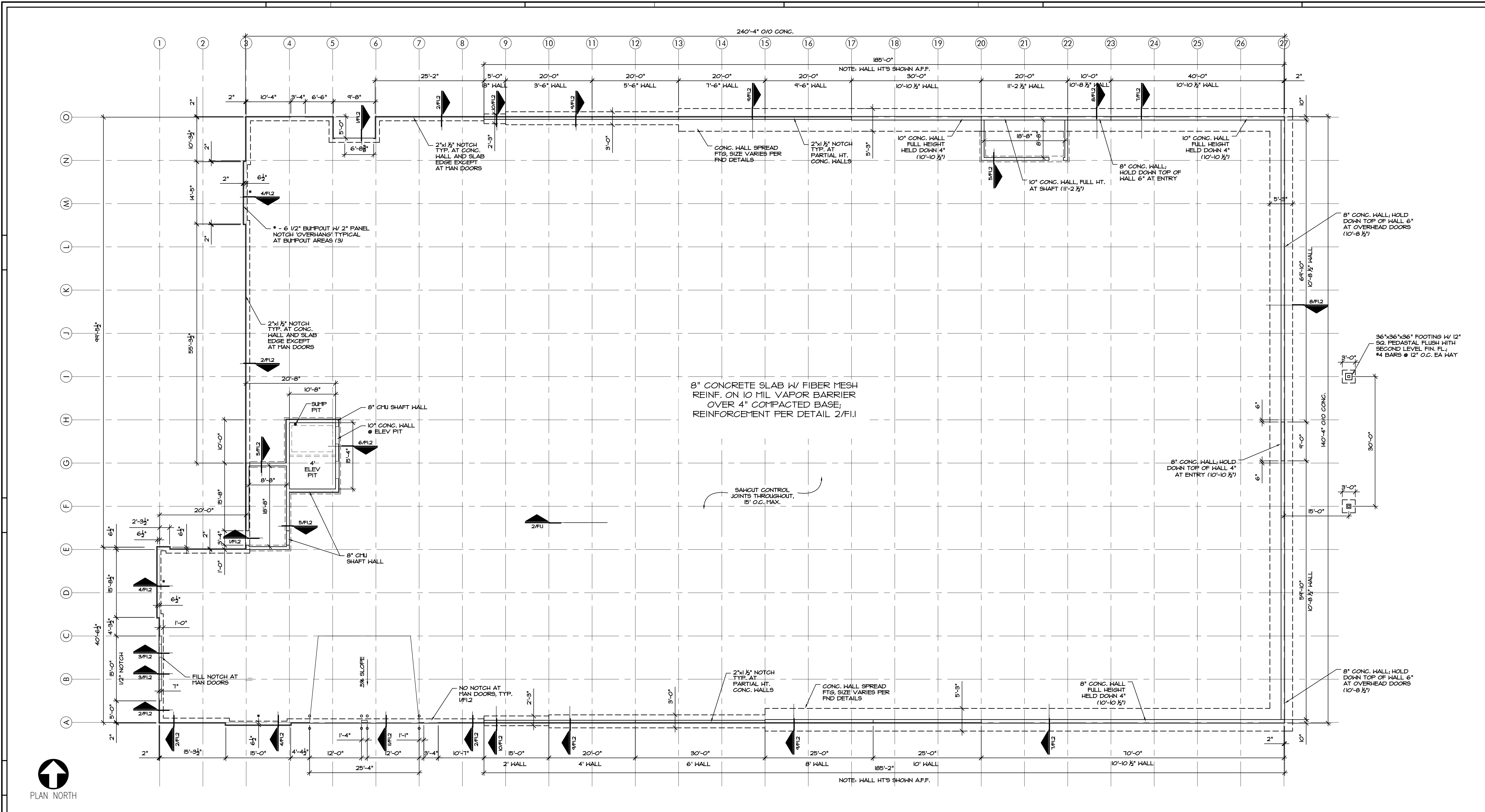
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FOUNDATION PLAN
CONC NOTES

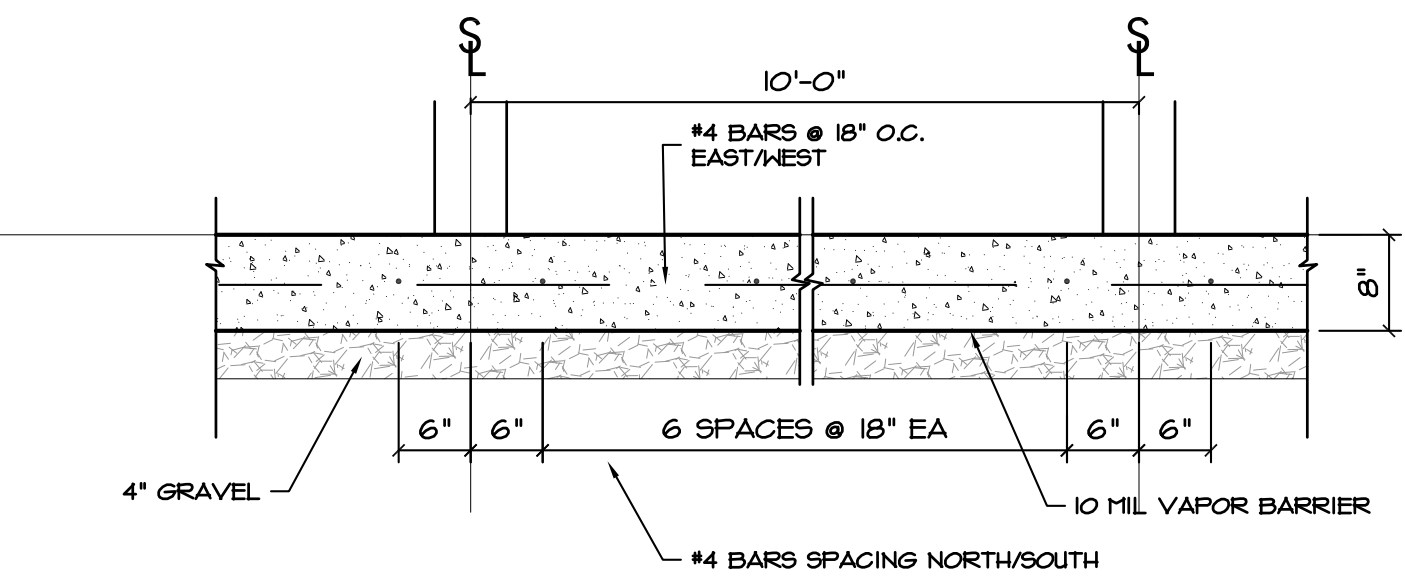
Date: 2022/10/08
Drawn by: SJB
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Revisions:

F1.1



1 FOUNDATION PLAN

3/32" = 1'-0"



2 SLAB REINFORCEMENT DETAIL

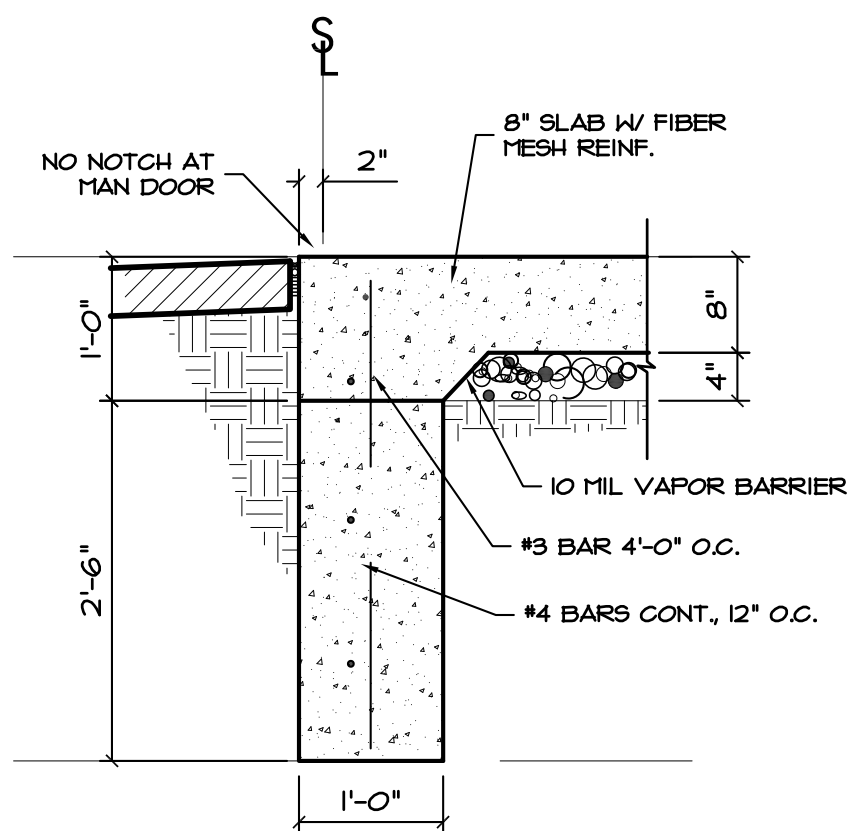
3/32" = 1'-0"

- CONCRETE NOTES:
- Foundation Wall Backfill: Perform at least two filed density tests at locations and elevations as directed. Backfill all poured walls with $\frac{1}{2}$ " rock in 8" lifts. Compact with plate compactor.
 - Specifications:
 - A. Compressive Strength: 4000 psi slab on grade, 3500 psi walls, 3000 psi footings, 4000 psi suspended slabs, minimum at 28 days, unless otherwise indicated.
 - B. Water-Cement Ratio: 0.45 maximum unless otherwise indicated.
 - C. Slump Range: 8" for concrete containing high-range water-reduced admixture (super plasticizer); 4" for footings & 5" for slabs and walls.
 - D. Air Content: 5% to 8%.
 - E. Soil Bearing Strength: Minimum allowable per Soils Report, or 1500 psf in lieu of Soils Report.
 - Preparation:
 - A. Remove loose material from compacted subbase surface immediately before placing concrete.
 - B. Proofroll prepared subbase surface to check for unstable areas and need for additional compaction. If subgrade is "pumping" under a wheel load - STOP and consult engineer.
 - C. Check completed form work for grade and alignment to following tolerances:
 - A. Top of forms not more than $\frac{1}{8}$ " in 10'.
 - B. Vertical face on longitudinal axis, not more than $\frac{1}{4}$ " in 10'.
 - D. Concrete Placement: Do not place concrete until subbase and forms have been checked for line and grade. Moist subbase if required to provide a uniform dampened condition at time concrete is placed. Do not place concrete around floor drains or other structures until they are at required finish elevation and alignment.
 - E. Use bonding agent at locations where fresh concrete is placed against hardened or partially hardened concrete surfaces.
 - Deposit and spread concrete in a continuous operation between transverse joints, as far as possible. If interrupted for more than 1/2 hour, place a construction joint.
 - Construction Joints: Place construction joints at end of placements and at location where placement operations are stopped for a period of more than 1/2 hour, except where such placements terminate at expansion joints.

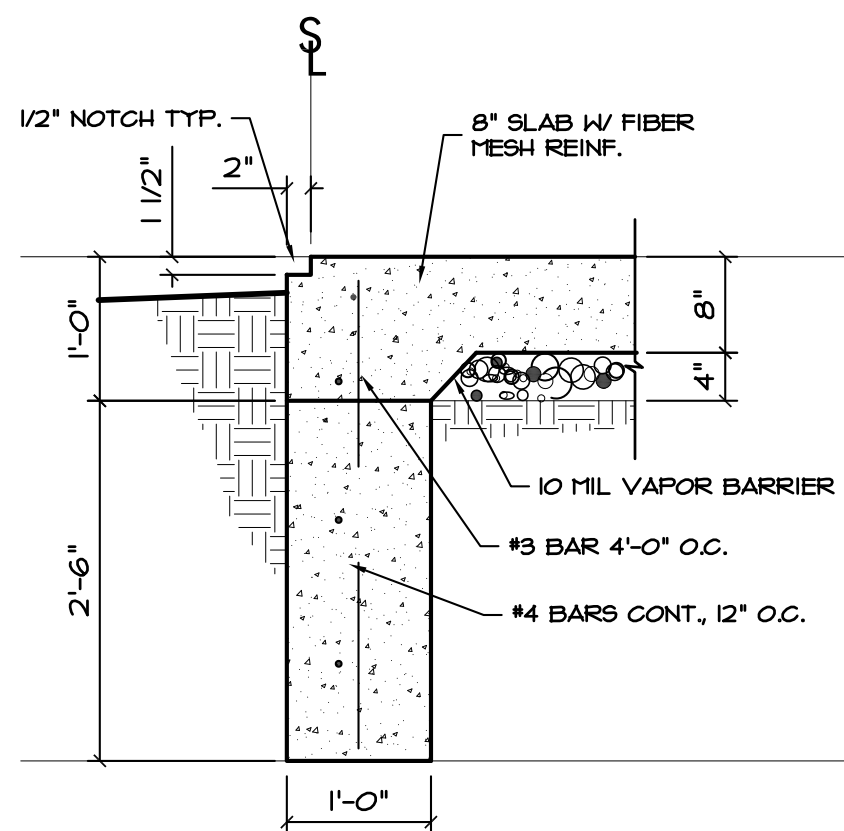
- Provide premoistened joint filler for expansion joints @ 100' minimum.
- After floating, test surface for trueness with a 10' straightedge. Distribute concrete as required.
- Use membrane-forming curing methods or curing compound or approved moisture-curing methods.
- Slump Limits: Proportion and design mixes to result in concrete slump at point of placement as follows:
 - A. Ramps, slabs, and sloping surfaces - Not more than 5"
 - B. Reinforced foundation systems - Not less than 1" and not more than 4"
 - C. Concrete containing HWR admixture (super plasticizer) - Not more than 8" after addition of HWR to site-verified 2" to 3" slump concrete.
 - D. Other concrete - Not more than 4" (except for masonry fill as noted above).
- When air temperature is between 85 degrees F and 90 degrees F, reduce mixing and delivery time from 1-1/2 hours to 75 minutes, and when air temperature is above 90 degrees F, reduce mixing and delivery time to 60 minutes.
- Cover compacted subgrade with granular material and compact to a depth as shown on drawings.
- If joint pattern is not shown, provide joints not exceeding 15' in either direction and located to conform to bay spacing wherever possible (at column centerlines, half-bays, third-bays). Saw cut $\frac{1}{8}$ " x $\frac{1}{4}$ " of slab surface within 12 hours of application of curing compound.
- Great care should be given to pulling wire or fiber mesh up $\frac{1}{2}$ way into poured concrete.
- Hot Weather Placing: When hot weather conditions exist that would seriously impair quality and strength of concrete:
 - A. Cool ingredients before mixing to maintain concrete temperature at time of placement below 90 degrees F. Mixing water may be chilled, or chopped ice may be used to control temperature provided water equivalent of ice calculated to total amount of mixing water.
 - B. Fog spray forms, reinforcing steel, and subgrade just before concrete is placed.
 - C. Cold Weather Placing:
 - A. Cold weather concrete procedures are to be followed when the average daily outside temperature (average over 24 hour period) is below 40 degree for three consecutive days, and the temperature is

- not greater than 50 degrees for more than half of a 24 hour period.
- Concrete shall not be placed on frozen subgrade. Remove all snow and ice from all concrete forms and the subbase before placing the concrete.
- Check the temperature of, and heat if necessary, the subbase and any other surfaces that come in contact with the concrete to ensure they are not below 32 degrees F.
- Concrete ready mix temperature at time of placement to be 55 degrees F minimum for slab on grade and 50 degrees F minimum for footings.
- Slump shall be 4 inches or less.
- Cover the newly placed concrete with blankets to retain the heat generated by the hydration process to protect the concrete from freezing for 3 days.
- During periods not cold enough to meet the "cold weather" definition in Note A, but when freezing temperatures may occur, concrete shall be protected from freezing for the first 24 hour period after placement.
- Providing curbing and sealing compound to exposed interior slabs and to exterior slabs, walks, and curbs as follows:
 - A. Apply specified curing and sealing compound to concrete slabs as soon as final finishing operations are complete (within 2 hours and after water sheen has disappeared). Apply uniformly in continuous operation by power spray or roller in accordance with manufacturer's directions. Re-coat areas subjected to heavy rainfall within 3 hours after initial application. Maintain continuity of coating and repair damage during curing period.
 - B. Use membrane curing compounds that will not affect surfaces to be covered with finish materials applied directly to concrete.
- The General Contractor shall be responsible for reviewing the Geotechnical Report and shall follow the recommendations specified therein, including, but not limited to, subgrade preparations, ground water management and steep slope best management practices.
- Provide special inspections in accordance with Chapter 17 of the 2018 IBC
- Design Criteria 2018 IBC
- Design values for allowable soil pressure are 2,000 psf at continuous footings and 2,500 psf at spread footings.

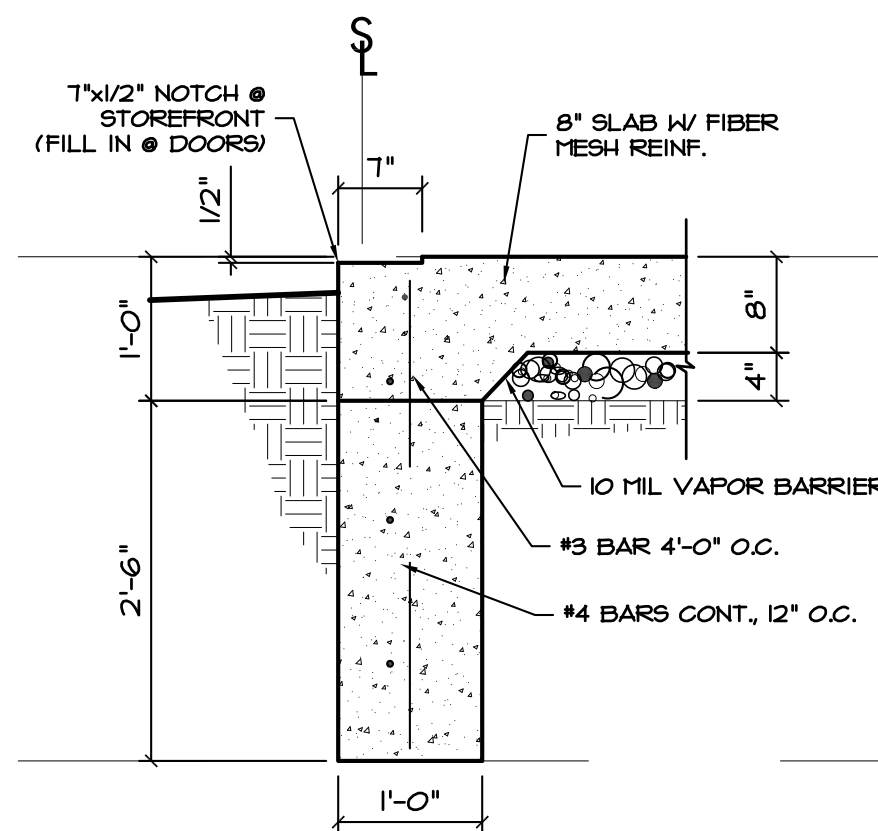
FOUNDATION NOTES



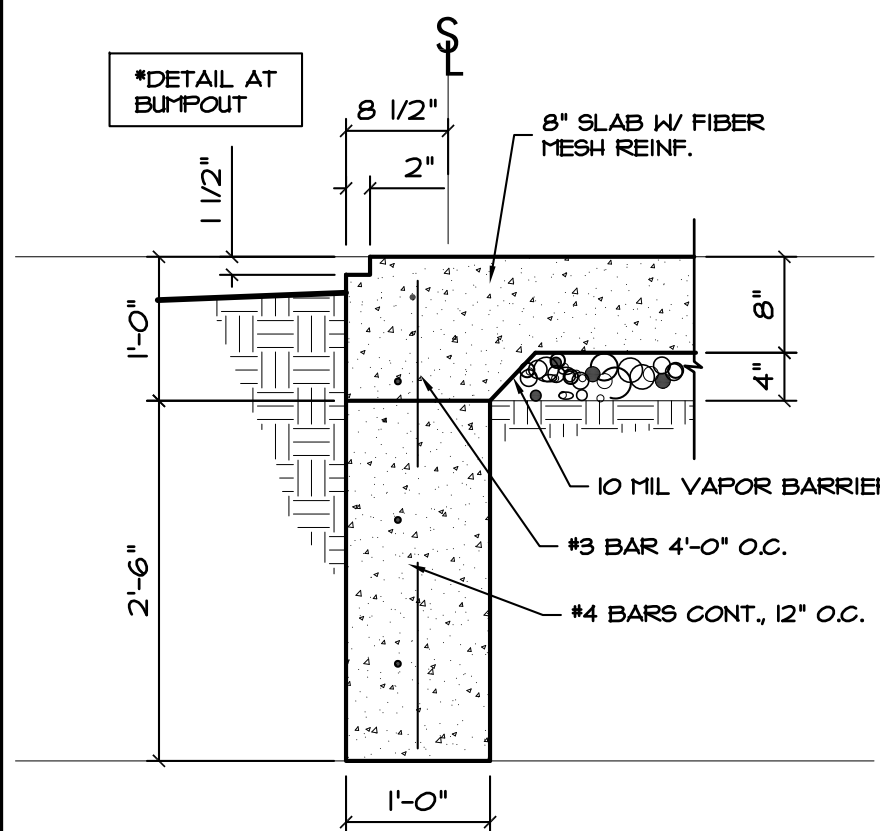
1 FOUNDATION DTL
3/4" = 1'-0"



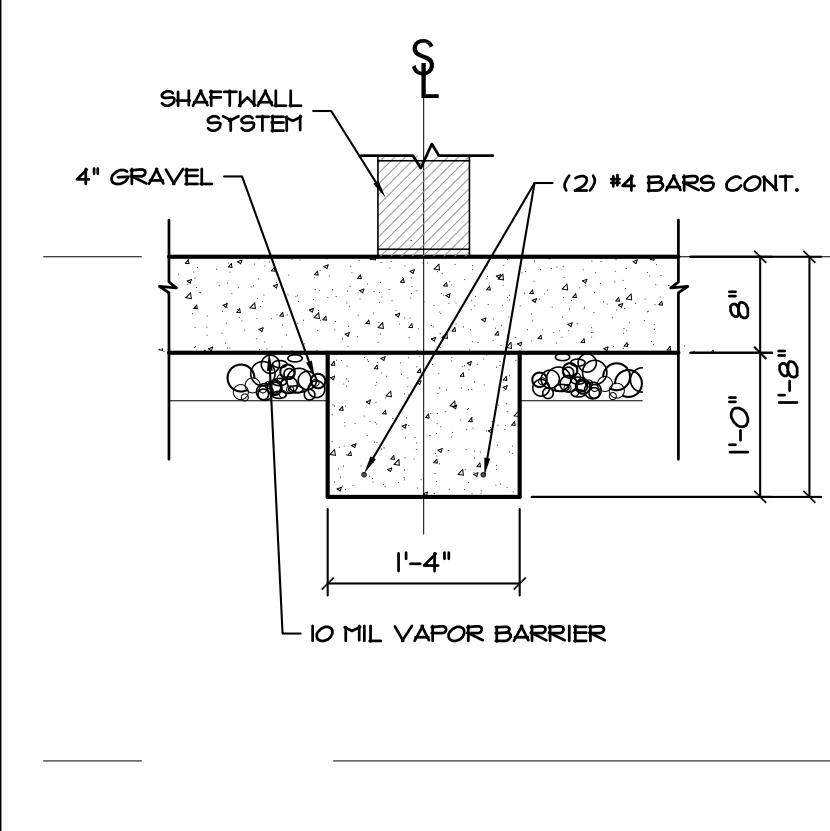
2 FOUNDATION DTL
3/4" = 1'-0"



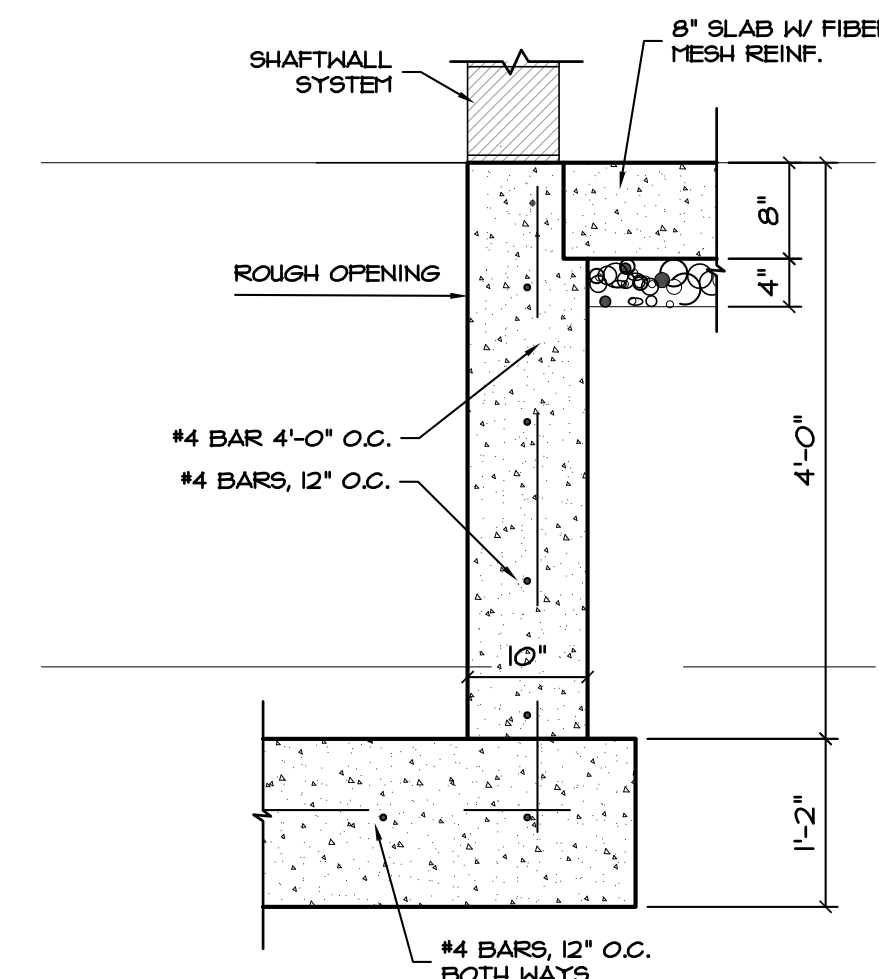
3 FOUNDATION DTL
3/4" = 1'-0"



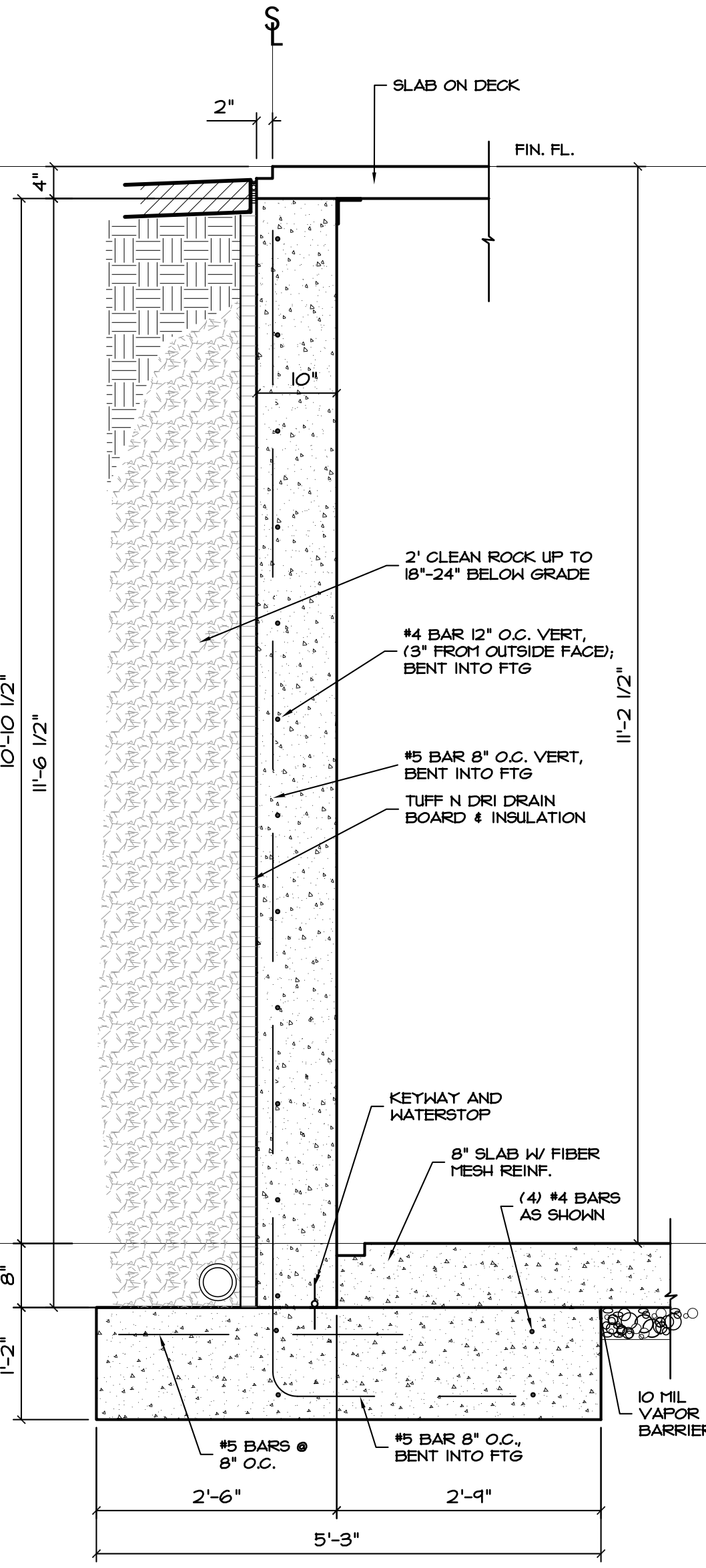
4 FOUNDATION DTL
3/4" = 1'-0"



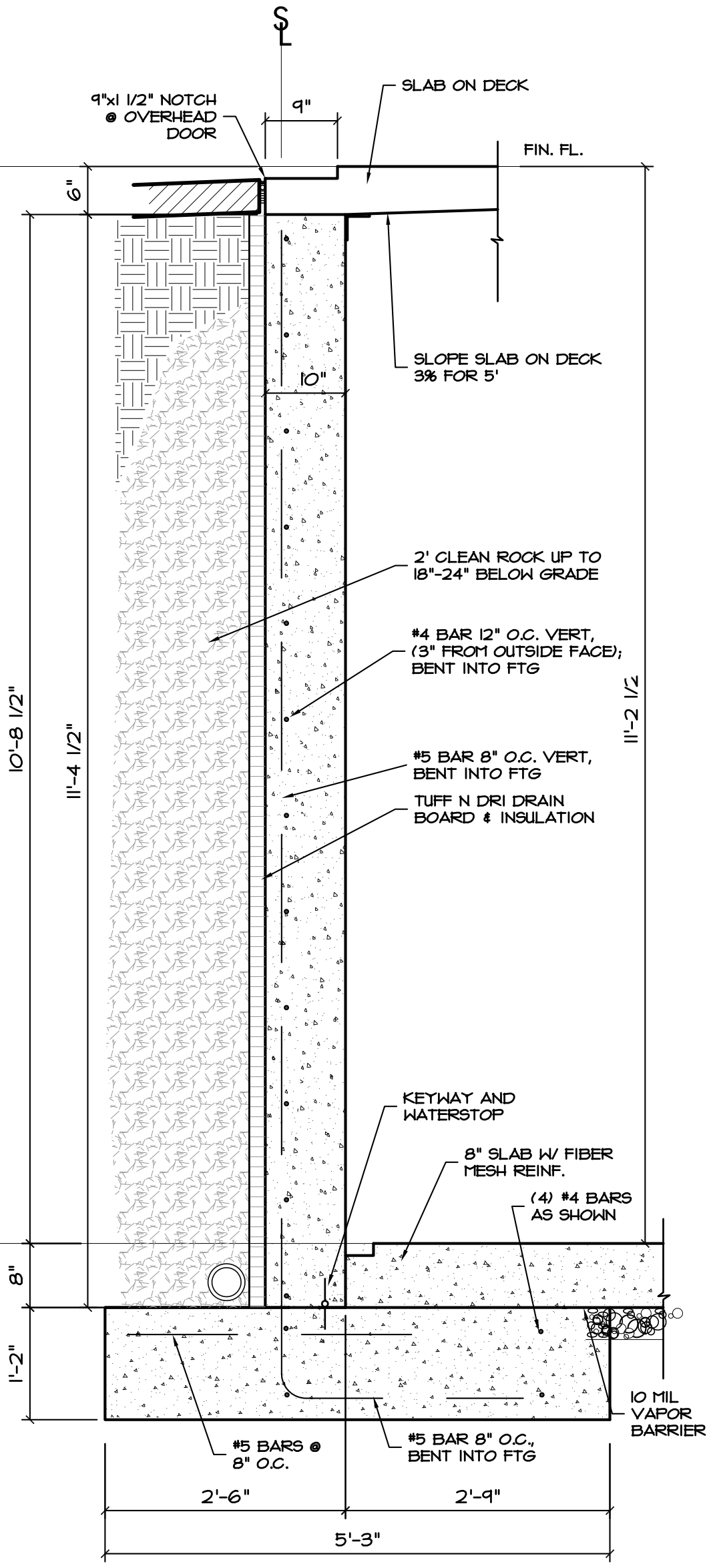
5 FOUNDATION DTL
3/4" = 1'-0"



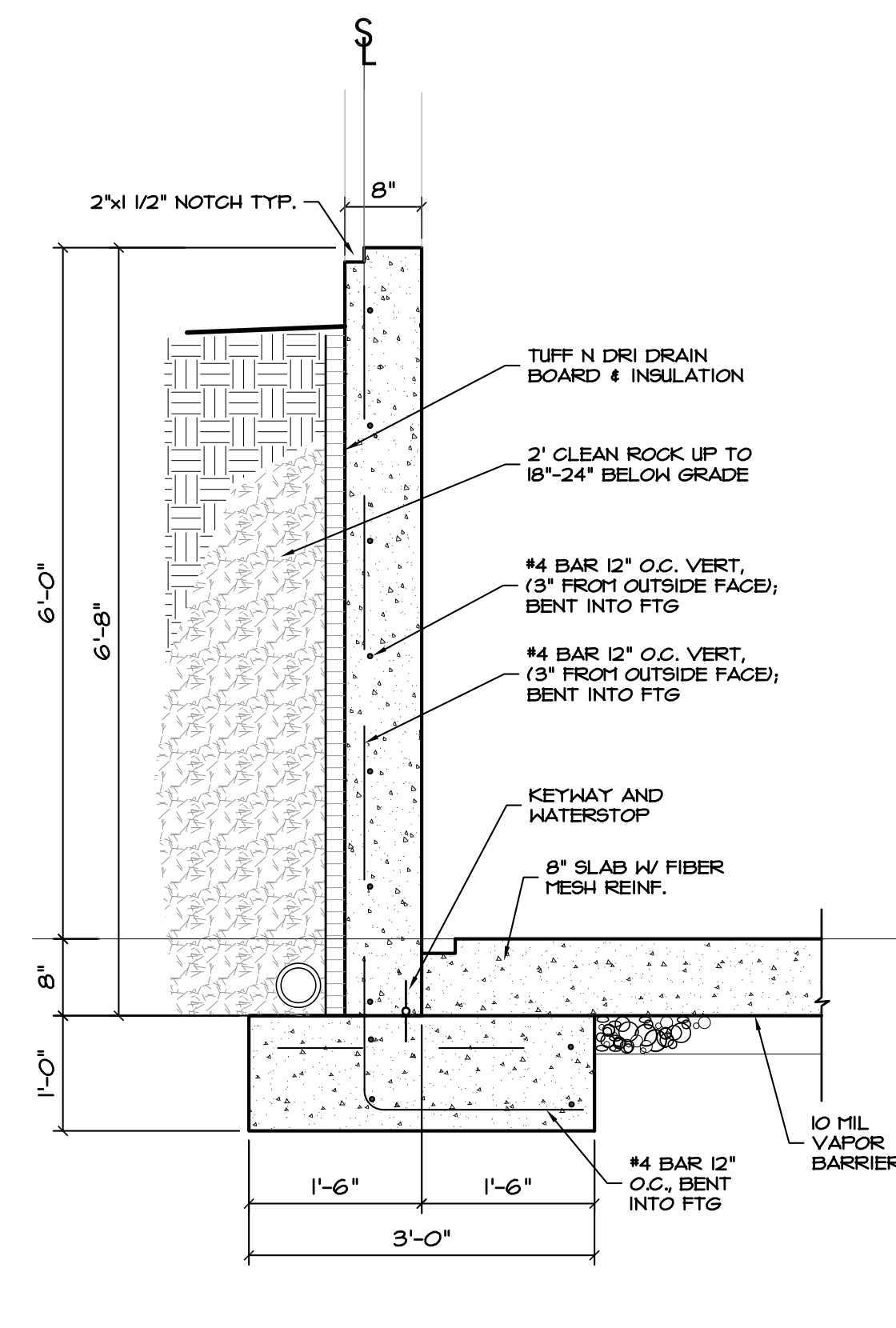
6 FOUNDATION DTL
3/4" = 1'-0"



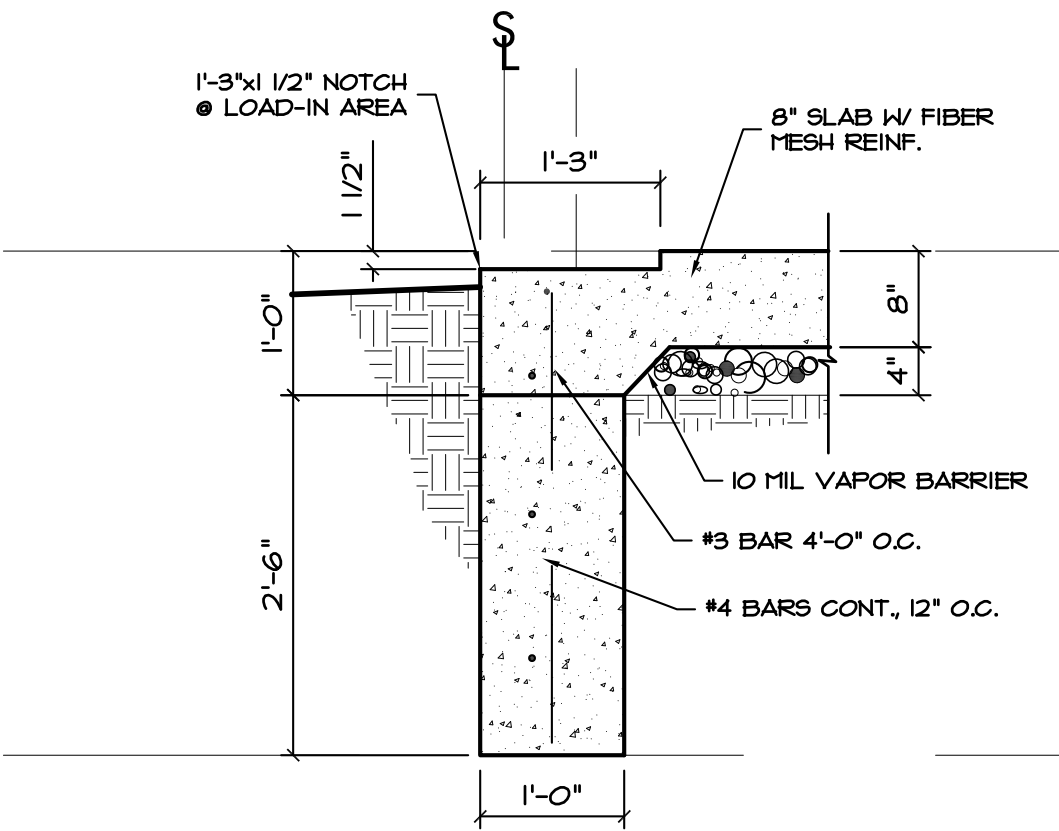
7 FOUNDATION DTL
3/4" = 1'-0"



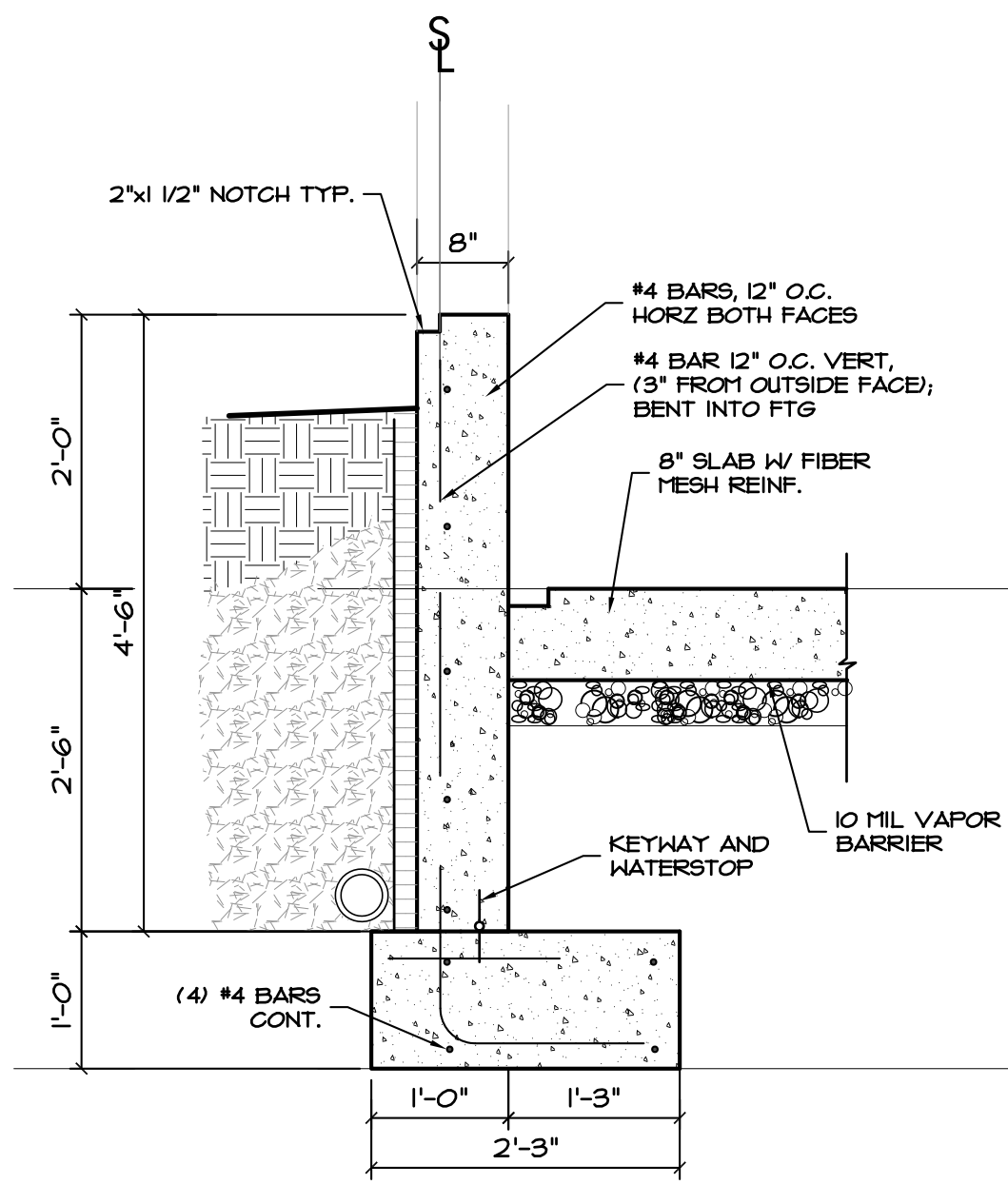
8 FOUNDATION DTL
3/4" = 1'-0"



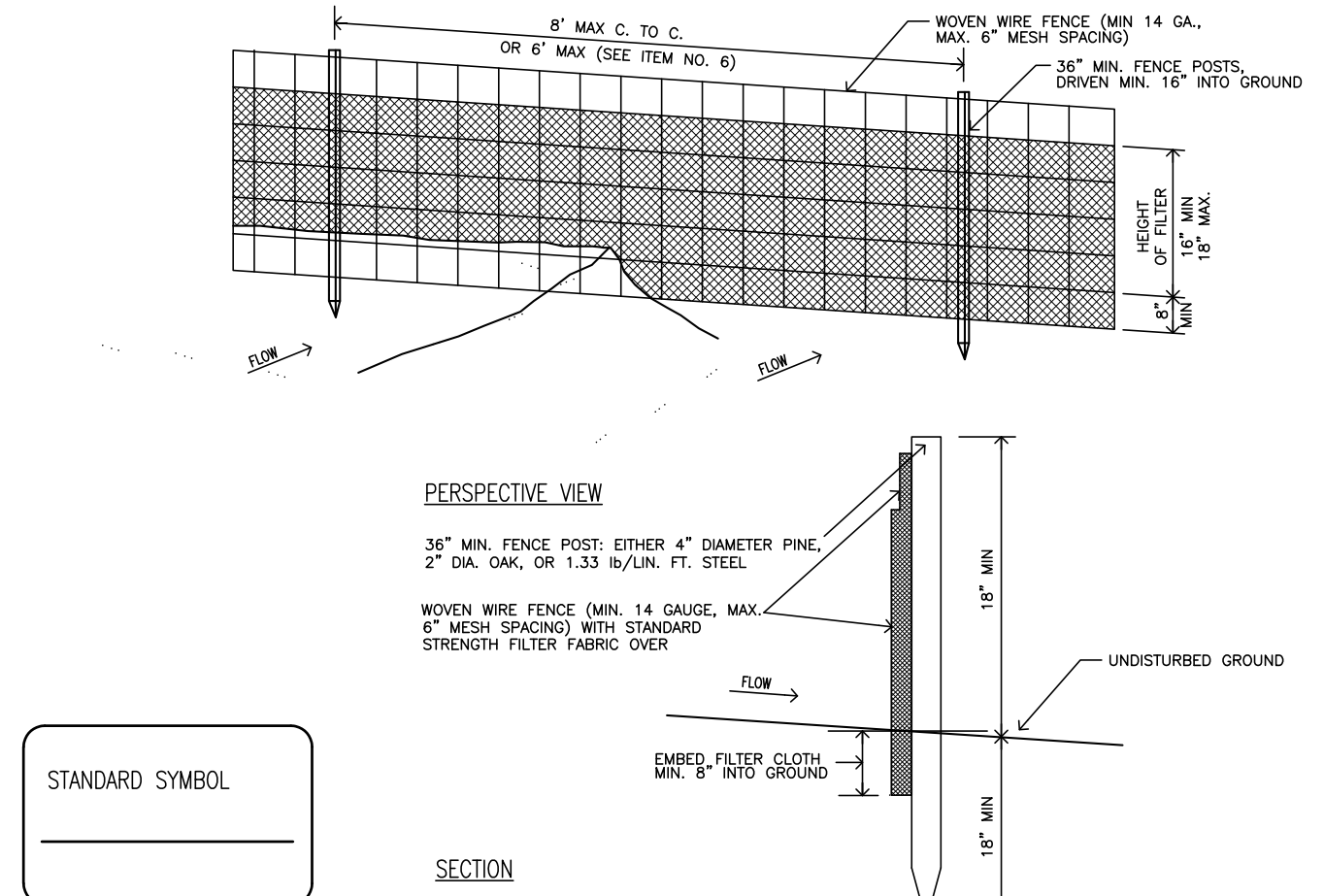
9 FOUNDATION DTL
3/4" = 1'-0"



11 FOUNDATION DTL
3/4" = 1'-0"



10 FOUNDATION DTL
3/4" = 1'-0"



- STANDARD SYMBOL**
- CONSTRUCTION SPECIFICATIONS**
- A. 1. Use a synthetic filter fabric or a pervious sheet of polypropylene, nylon, polyester, or polyethylene yard, which is certified by the manufacturer or supplier as conforming to the requirements shown
- SEDIMENT FENCE FABRIC SPECIFICATIONS**
- | PHYSICAL PROPERTY | MINIMUM REQUIREMENTS |
|---|---|
| Filtering Efficiency | 85% |
| Tensile Strength @ 20% (max) elongation | Standard Strength - 30 lb./in. in.
Extra Strength - 50 lb./in. in. |
| Slurry Flow Rate | 0.3 gal./sq. ft./min |
- Synthetic filter fabric should contain ultraviolet ray inhibitors and stabilizers to provide a minimum of 6 months of expected usable construction time at a temperature range of 0 to 120° F
- B. CONSTRUCTION
- Construct the sediment barrier of standard strength or extra strength synthetic filter fabrics.
 - Ensure that the height of the sediment fence does not exceed 18 inches above the ground surface. (Higher fences may impound volumes of water sufficient to cause failure to the structure.)
 - Construct the filter fabric from a continuous roll cut to the length of the barrier to avoid joints. When joints are necessary, securely fasten the filter cloth only at a support post with overlap to the next post.
 - Support standard strength filter fabric by wire mesh fastened securely to the upslope side of the posts using heavy duty wire staples at least 1 inch long, or tie wires. Extend the wire mesh support to the bottom of the trench.
 - When a wire mesh support fence is used, space posts a maximum of 8 ft apart. Support posts should be driven securely into the ground to a minimum of 18 inches.
 - Extra strength filter fabric with 6-ft post spacing does not require wire mesh support fence. Staple or wire the filter fabric directly to the posts.
 - Excavate a trench approximately 4 inches wide and 8 inches deep along the proposed line of posts and upslope from the barrier.
 - Backfill the trench with compacted soil or gravel placed over the filter fabric.
 - Do not attach filter fabric to existing trees.
- MAX. DRAINAGE AREA: 1/4 ACRE / 100 FT. FENCE

SILT FENCE DETAIL
N.T.S.