

2018 AG001.0
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS

Name of Project: New Self Storage Facility
 Address: 35th Street, Mangonia Park, FL Zip Code 33407
 Owner/Authorized Agent: J. Neil Tate, AIA Phone # (336) 413 - 9601 E-Mail: neil@tatearchitect.com
 Owned By: City/County Private State
 Code Enforcement/Jurisdiction: City County Palm Beach State

CONTACT:
 DESIGNER FIRM NAME LICENSE # TELEPHONE # E-MAIL
 Architectural Tate Architecture PLLC J. Neil Tate, AIA (336) 413-9601 neil@tatearchitect.com
 Civil _____
 Electrical _____
 Fire Alarm _____
 Plumbing _____
 Mechanical _____
 Sprinkler/Standpipe _____
 Structural Fitzpatrick Engineering Group Douglas B. Fitzpatrick, PE (704) 387-8114 dfitzpatrick@fegstructural.com
 Retaining Walls >5' High _____
 Other _____
 (*Other* should include firms and individuals such as truss, precast, pre-engineered, interior designers, etc.)

BUILDING CODE: New Building Addition Renovation
 1st Time Interior Completion
 Shell/Core - Contact the local inspection jurisdiction for possible additional procedures and requirements
 Phased Construction - Shell/Core - Contact the local inspection jurisdiction for possible additional procedures and requirements
 2018 NC EXISTING BUILDING CODE: EXISTING: Prescriptive Repair Chapter 14
 Alteration: Level I Level II Level III
 Historic Property Change of Use
 CONSTRUCTED: (date) _____ CURRENT OCCUPANCY(S) (Ch. 3): _____
 RENOVATED: (date) _____ PROPOSED OCCUPANCY(S) (Ch. 3): _____
 RISK CATEGORY (Table 1604.5): Current: I II III IV
 Proposed: I II III IV

BASIC BUILDING DATA
 Construction Type: I-A I-B I-C I-D I-E I-F
 (check all that apply)
 Sprinklers: No Partial Yes NFPA 13 NFPA 13R NFPA 13D
 Standpipes: No Yes Class I II III Wet Dry
 Fire District: No Yes Flood Hazard Area: No Yes
 Special Inspections Required: No Yes (Contact the local inspection jurisdiction for additional procedures and requirements.)

FLOOR	NEW BLDG#1	SUB-TOTAL
3rd Floor	33,573	33,573
2nd Floor	33,573	33,573
Mezzanine		
1st Floor	33,573	33,573
Basement		
TOTAL	100,719	100,719

ALLOWABLE AREA
 Primary Occupancy Classification(s): Select one Select one Select one Select one Select one Select one
 Assembly A-1 A-2 A-3 A-4 A-5
 Business B-1
 Educational E-1
 Factory F-1 Moderate F-2 Low
 Hazardous H-1 Detonate H-2 Deflagrate H-3 Combust H-4 Health H-5 HPM
 Institutional I-1 Condition I-2
 I-3 Condition I-4
 I-5
 I-6
 Mercantile M-1
 Residential R-1 R-2 R-3 R-4
 Storage S-1 Moderate S-2 Low High-piled
 Parking Garage Open Enclosed Repair Garage
 Utility and Miscellaneous _____
 Accessory Occupancy Classification(s): _____
 Incidental Uses (Table 509): _____
 Special Uses (Chapter 4 - List Code Sections): _____
 Special Provisions: (Chapter 5 - List Code Sections): _____
 Mixed Occupancy: No Yes Separation: 0HR Hr. Exception: _____
 Non-Separated Use (508.3) - The required type of construction for the building shall be determined by applying the height and area limitations for each of the applicable occupancies to the entire building. The most restrictive type of construction, so determined, shall apply to the entire building.
 Separated Use (508.4) - See below for area calculations for each story, the area of the occupancy shall be such that the sum of the ratios of the actual floor area of each use divided by the allowable floor area for each use shall not exceed 1.
 Actual Area of Occupancy A + Actual Area of Occupancy B ≤ 1.00
 Allowable Area of Occupancy A + Allowable Area of Occupancy B ≤ 1.00

STORY NO.	DESCRIPTION AND USE	(A) BLDG AREA PER STORY (ACTUAL)	(B) TABLE 506.2 AREA	(C) AREA FOR FRONTAGE INCREASE 1.5	(D) ALLOWABLE AREA PER STORY OR UNLIMITED 2.3
MAIN	STORAGE(S)-15M	33,573	52,500	NA	52,500
SECOND	STORAGE(S)-15M	33,573	52,500	NA	52,500
THIRD	STORAGE(S)-15M	33,573	52,500	NA	52,500

1 Frontage area increases from Section 506.3 are computed thus:
 a. Perimeter which fronts a public way or open space having 20 feet minimum width = _____ (F)
 b. Total Building Perimeter = _____ (P)
 c. Ratio (F/P) = _____ (F/P)
 d. W = Minimum width of public way = _____ (W)
 e. Percent of frontage increase if = 100(F/P - 0.25) x W/30 = _____ (%)
 2 Unlimited area applicable under conditions of Section 507.
 3 Maximum Building Area = total number of stories in the building x D (maximum 3 stories) (506.2).
 4 The maximum area of open parking garages must comply with Table 406.5.4.
 5 Frontage increase is based on the un-sprinklered area value in Table 506.2.

BUILDING HEIGHT IN FEET (TABLE 504.3.2)	19'-0"	36'-0"
Building Height in Feet (Table 504.3.2)		
Building Height in Stories (Table 504.4.3)	2	2

1 Provide code reference if the "Shown on Plans" quantity is not based on Table 504.3 or 504.4.
 2 The maximum height of air traffic control towers must comply with Table 412.3.1.
 3 The maximum height of open parking garages must comply with Table 406.5.4.

BUILDING ELEMENT	FIRE SEPARATION DISTANCE (FEET)	RATINGS RECD (W/REDUCTION)	DETAIL SHEET # AND SHEET #	DESIGN # FOR RATED ASSEMBLY	SHEET # FOR PENETRATION	SHEET # FOR RATED JOINTS
Structural Frame, including columns, girders, trusses						
Bearing Walls	Table 602					
Exterior	X-30"	0	0			
North	X-30"	0	0			
East	X-30"	0	0			
West	X-30"	0	0			
South	X-30"	0	0			
Interior		0	0			
Nonbearing Walls and Partitions						
Exterior walls		0	0			
North		0	0			
East		0	0			
West		0	0			
South		0	0			
Interior walls and partitions		0	0			
Floor Construction						
Including supporting beams and joists		0	0			
Floor Ceiling Assembly		0	0			
Columns Supporting Floors		0	0			
Roof Construction, including supporting beams and joists		0	0			
Roof Ceiling Assembly		0	0			
Columns Supporting Roof		0	0			
Shaft Enclosures - Exit/Elevator	2	2	A2001.1	UL-905	---	HW-0-0113
Shaft Enclosures - Other (Mechanical/Shaft)		0	0			
Corridor Separation		0	0			
Occupancy/Fire Barrier Separation	1	0				
Party/Fin Wall Separation	0	0				
Smoke Barrier Separation	0	0				
Smoke Partition	0	0				
Tenant/Dwelling Unit	0	0				
Sleeping Unit Separation	1	1	A2001.1	UL-1465	---	HW-0-0564
Incidental Use Separation						

* Indicate section number permitting reduction

PERCENTAGE OF WALL OPENING CALCULATIONS			
FIRE SEPARATION DISTANCE (FEET) FROM PROPERTY LINES	DEGREE OF OPENING PROTECTION (TABLE 705.8)	ALLOWABLE AREA (%)	ACTUAL SHOWN ON PLANS (%)
X-30"	X-30"	UNPROTECTED (UP) NON-SPRINKLERED (NS)	0%

LIFE SAFETY SYSTEM REQUIREMENTS
 Emergency Lighting: No Yes
 Exit Signs: No Yes
 Fire Alarm: No Yes - [Emergency - Voice / Alarm Evacuation System]
 Smoke Detection Systems: No Yes Partial _____
 Carbon Monoxide Detection: No Yes

LIFE SAFETY PLAN REQUIREMENTS

Life Safety Plan Sheet #: AG000.2
 Fire and/or smoke rated wall locations (Chapter 7)
 Assumed and real property line locations (if not on the site plan)
 Exterior wall opening area with respect to distance to assumed property lines (705.8)
 Occupancy Use for each area as it relates to occupant load calculation (Table 1004.1.2)
 Occupant loads for each area
 Exit access travel distances (1017)
 Common path of travel distances (Tables 1006.2.1 & 1006.3.2(1))
 Dead end lengths (1020.4)
 Clear exit widths for each exit door
 Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.3)
 Actual occupant load for each exit door
 A separate schematic plan indicating where fire rated floor/ceiling and/or roof structure is provided for purposes of occupancy separation
 Location of doors with panic hardware (1010.1.10)
 Location of doors with delayed egress locks and the amount of delay (1010.1.9.7)
 Location of doors with electromagnetic egress locks (1010.1.9.9)
 Location of doors equipped with hold-open devices
 Location of emergency escape windows (1030)
 The square footage of each fire area (202)
 The square footage of each smoke compartment for Occupancy Classification I-2 (407.5)
 Note any code exceptions or table notes that may have been utilized regarding the items above

ED1	Egress Door 36" Active - 240 Load Panic Hardware IBC 2018 - 1008.1.9 & ICC A117.1-2009 - 404.2.6
ED2	Egress Door 72" Active - 480 Load Panic Hardware IBC 2018 - 1008.1.9 & ICC A117.1-2009 - 404.2.6
MLE	Egress Door MAG Lock Controlled Egress IBC 2018 - 1008.1.4.4 & 1008.1.9.8

LIFE SAFETY PLAN LEGEND

FEC FIRE EXTINGUISHER CABINET (75-0" O.C. MAX)
EAOR EXTERIOR SIGNAGE PER ANSI A117.1 - 2009 FIG. 703.3.10 (AREA OF REFUGE)
KXBX FIRE DEPARTMENT ACCESS KNOX BOX
TWWD TWO-WAY COMMUNICATION DEVICE - (AREA OF REFUGE)

← BUILDING EGRESS
 ↖ EGRESS TRAVEL DISTANCE
 ↖ EGRESS PATH

1-HOUR FIRE BARRIER
 2-HOUR FIRE BARRIER
 3-HOUR FIRE BARRIER

▨ BUSINESS AREA
 □ STORAGE AREA

SIGNAGE - BUILDING COMMUNICATION

- A SIGN STATING "EXIT IN RAISED CHARACTERS AND BRAILLE SHALL BE PROVIDED ADJACENT TO EACH DOOR AT AN EXIT STAIRWAY, EXIT PASSAGEWAY AND THE EXIT DISCHARGE. (IBC SECTION 1013.4)
- PROVIDE STAIRWAY IDENTIFICATION SIGNS (IBC, SECTION 1023.9)
- PROVIDE TWO-WAY COMMUNICATION SYSTEM AT ELEVATOR LANDINGS ON EACH ACCESSIBLE FLOOR THAT IS ONE OR MORE STORIES ABOVE OR BELOW THE STORY OF EXIT DISCHARGE. (IBC, SECTION 1009.8)

ROOF DRAINAGE SUMMARY	
MAIN ROOF DRAINAGE	
ROOF AREA	33,573 S.F.
1 HOUR EVENT TABLE 1106.1 100 YEAR EVENTS	4.5"
CALCULATION	Roof Area (inches) X 1-Hour Event / 231 (gallons per s.f.) = GPM
CALCULATED GPM	33,573=402,876IN*4.5 /231(gallons/ft) = 7,849 GPM
GPM TOTAL	7,849 GPM
TABLE 1106.2 STORM DRAINAGE PIPE SIZE (1/4 per foot)	PIPE SIZE: 8" 1/4 per Foot = 1,010 GPM
TABLE 1106.2 NUMBER OF REQUIRED DOWNSPOUTS	(7,849 / 1,010) = 7.770 8 Required
NUMBER OF PROVIDED DOWNSPOUTS	20 Provided
MINIMUM DOWNSPOUT AREA PROVIDED	8X8 = 64IN (sq)
MINIMUM DOWNSPOUT AREA PROVIDED	8X8 = 64IN (sq)
SECONDARY ROOF DRAINAGE	
TABLE 1106.2 STORM DRAINAGE PIPE SIZE (vertical)	PIPE SIZE: 12" Vertical = 1,117 GPM
TABLE 1106.2 NUMBER OF REQUIRED DOWNSPOUTS	(7,849 / 1,117) = 7.026 8 Required
NUMBER OF REQUIRED SCUPPERS	8
NUMBER OF PROVIDED SCUPPERS	20
MINIMUM SCUPPER AREA PROVIDED	12WIDE X 8 HIGH 8X12 = 96IN (sq)

CODE SUMMARY ANALYSIS

I. CHAPTER 5 - GENERAL BUILDING HEIGHTS AND AREAS
 A. TABLE 504.4: 508.2 ALLOWABLE HEIGHT AND AREAS FOR S-1 OCCUPANCY.
 1. CONSTRUCTION TYPE: II-B
 2. SPRINKLER SYSTEM: FULLY SPRINKLERED PER 903.3.1.1
 3. HEIGHT: 75 FEET ALLOWED 3 STORIES WITH FULLY AUTOMATIC SPRINKLER SYSTEM INCREASE
 4. AREA: ALLOWED 52,500 PER FLOOR
 SECTION 508.2.3 ACCESSORY OCCUPANCIES
 1. AGGREGATE ACCESSORY OCCUPANCIES SHALL NOT OCCUPY MORE THAN 10% OF THE AREA OF THE STORY IN WHICH THEY ARE LOCATED
 C. SECTION 508.2.4 SEPARATION OF OCCUPANCIES
 1. NO SEPARATION IS REQUIRED BETWEEN ACCESSORY OCCUPANCIES AND THE MAIN OCCUPANCY (S & S-1)
 II. CHAPTER 6 - TYPES OF CONSTRUCTION
 A. TABLE 602 - WALL RATING BASED ON FIRE SEPARATION DISTANCE FROM PROPERTY LINE
 1. FIRE SEPARATION DISTANCE
 1.1. NORTH WALL: > 30' 0 HOURS
 1.2. WEST WALL: > 30' 0 HOURS
 1.2. SOUTH WALL: > 30' 0 HOURS
 1.3. EAST WALL: > 30' 0 HOURS
 III. CHAPTER 7 - FIRE-RESISTANCE-RATED CONSTRUCTION
 A. TABLE 705.8 - MAXIMUM AREA OF EXTERIOR WALL OPENINGS
 1. 10 FEET TO LESS THAN 15 FEET - UNPROTECTED, SPRINKLERED: 45% MAX OPENINGS
 B. SECTION 705.8.5 - VERTICAL SEPARATIONS OF OPENINGS
 1. EXCEPTIONS 1 AND 2 APPLY - NOT REQUIRED.
 C. IBC 705.11 - PARAPETS SHALL BE PROVIDED ON EXTERIOR WALLS.
 1. EXCEPTION 1 APPLIES - NOT REQUIRED.
 D. TABLE 713.4 - SHAFT ENCLOSURES TO BE RATED 1 HOUR.
 CODE SUMMARY
 IV. CHAPTER 8 - INTERIOR FINISHES
 A. 803.1:
 1. CLASS B FINISHES: FLAME SPREAD 26-75, SMOKE DEVELOPED 0-450
 2. CLASS C FINISHES: FLAME SPREAD 76-200, SMOKE DEVELOPED 0-450
 B. TABLE 803.11.8, SPRINKLED CONSTRUCTION TYPE II-B
 2. OCCUPANCY S-1
 3. VERTICAL EXIT ENCLOSURES C
 4. CORRIDORS C
 5. ROOMS AND ENCLOSED SPACES C
 V. CHAPTER 9 - FIRE PROTECTION SYSTEMS
 A. SECTION 903.3.1.1 NFPA 13 SPRINKLER SYSTEM, ALL FLOORS
 B. SECTION 906 PORTABLE FIRE EXTINGUISHERS
 1. 906.1 GENERAL, PORTABLE FIRE EXTINGUISHERS SHALL BE PROVIDED IN OCCUPANCIES AND LOCATIONS AS REQUIRED BY THE INTERNATIONAL FIRE CODE.
 VI. CHAPTER 10 - MEANS OF EGRESS
 A. SECTION 1017 EXIT ACCESS TRAVEL DISTANCE
 1. TABLE 1017.2 EXIT ACCESS TRAVEL DISTANCE WITH SPRINKLER: MAX 250'

APPLICABLE CODES		2020
FL STATE BUILDING CODE (IBC)		2020
FL STATE MECHANICAL CODE (IBC)		2020
INTERNATIONAL MECHANICAL CODE (IBC)		2020
INTERNATIONAL PLUMBING CODE (IBC)		2020
FL STATE FIRE CODE (IBC)		2020
INTERNATIONAL FUEL GAS CODE (IBC)		2020
INTERNATIONAL ENERGY CODE (IBC)		2020
NATIONAL ELECTRICAL CODE		2020

OCCUPANCY SCHEDULE - LOAD							
NOTE: SQUARE FOOTAGES FOR BUILDING PERMIT ONLY, NOT FOR LEASING.							
NAME	OCC. TYPE	OCC. AREA	OCC. LOAD FACTOR	OCC. LOAD	#OF EXITS REQ'D	#OF EXITS PROVIDED	
BUILDING #1							
OFFICE	B	1,050 SF	150	7	1	1	
STORAGE	S-1	32,523 SF	500	65	2	3	
		33,573 SF					
LEVEL 2							
STORAGE	S-1	33,573 SF	500	68	2	3	
		33,573 SF					
LEVEL 3							
STORAGE	S-1	33,573 SF	500	68	2	3	
		33,573 SF					
TOTAL S.F.		100,719 SF					
TOTAL OCCUPANT LOAD				208			

OCCUPANCY SCHEDULE - EXIT WIDTH							
NOTE: SECTION 1005							
NAME	OCC. TYPE	OCC. AREA	OCC. FAC.	OCC. LOAD	EGRESS WIDTH / STAIR LEVEL	REQUIRED WIDTH (")	ACTUAL WIDTH (")
BUILDING #1							
LEVEL 1							
STORAGE	S-1	33,573 SF	500	68	0.20 0.15	13" 10"	48" 144"
LEVEL 2							
STORAGE	S-1	33,573 SF	500	68	0.20 0.15	13" 10"	48" 0"
LEVEL 3							
STORAGE	S-1	33,573 SF	500	68	0.20 0.15	13" 10"	48" 0"
MAXIMUM TRAVEL DISTANCE						ALLOWED	PROVIDED
MAXIMUM DEAD END CORRIDOR LENGTH						250'-0"	180'-0"
MAXIMUM DISTANCE BETWEEN FIRE EXTINGUISHERS - NFPA 10						(S-1) 50'-0"	0'-0"
						75'-0"	

OCCUPANCY REQUIREMENTS	
FIRE SPRINKLER PROTECTION:	SM
TYPE OF CONSTRUCTION:	II-B
BUILDING OCCUPANCY:	S-1, B ACCESSORY USE
OCCUPANT LOAD	
B	1/150
S-1	1/500
STORIES MAX	3
HEIGHT MAX	75'-0"
MAX AREA PER FLOOR	52,500
FIRE RESISTIVE CONSTRUCTION:	
CONSTRUCTION REQUIREMENTS:	
EXTERIOR BEARING WALLS	0
EXTERIOR NON-BEARING WALLS	0
STRUCTURAL FRAME	0
PARTITIONS-PERMANENT	0
SHAFT ENCLOSURES	0
FLOOR-CEILINGS/FLOORS	1-HR
ROOFS-CEILINGS/ROOFS	0
EXTERIOR DOORS & WINDOWS	0

BUILDING ENVELOPE REQUIREMENTS PERSPECTIVE		
TABLE: C402 COUNTY: PALM BEACH ZONE: 1A		
ENVELOPE COMPONENT	THERMAL REQUIREMENT	
ROOF	R-25CI	
WALLS (ABOVE GRADE)	R-13 + R-5.0 CI	
METAL BUILDING	R-13 + R-5.0	
METAL FRAMED #2	R-13 + R-5.0	
METAL FRAMED #3	R-13 + R-5.0	
METAL FRAMED #4	R-13 + R-5.0	
WALLS (ABOVE GRADE)	NA	
FLOOR		
BELOW-GRADE	NA	
MASS #1	R-7.6 CI	
SLAB ON GRADE		
UNHEATED	R-7.5 FOR 12" BELOW	
HEATED	NA	
OPAQUE DOORS - NON SWINGING	R-4.75	
ROOF COMPONENT REFLECTANCE	0.75	
FENESTRATION COMPONENT	U-FACTOR	SHGC [PF<.2]
		SEW N
FIXED FENSTRATION: STOREFRONT	0.38	0.38 0.51
OPERABLE FENESTRATION:	0.45	0.38 0.51
ENTRANCE DOORS:	0.77	0.38 0.51
SKYLIGHTS	NA	NA NA
PERFORMANCE MODELING	PROVIDED BY OWNER	

BUILDING ENVELOPE REQUIREMENTS BUILDING MODELING COMCHECK		
TABLE: C402 COUNTY: PALM BEACH ZONE: 1A		
ENVELOPE COMPONENT	THERMAL REQUIREMENT	
ROOF	R-20CI	
WALLS (ABOVE GRADE)	R-15 (DOUBLE LAYER)	
METAL BUILDING		
METAL FRAMED #2		
METAL FRAMED #3		
METAL FRAMED #4		
WALLS (ABOVE GRADE)	NA	
FLOOR</		

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<p>SAINT-GOBAIN GYPROC MIDDLE EAST FZE — Type Gyproc FireStop, Gyproc FireStop MR, Gyproc FireStop MZTTECH, Gyproc FireStop ACTIVAR, Gyproc FireStop MR ACTIVAR, Gyproc FireStop MZTECH ACTIVAR, Gyproc Duraline, Gyproc Duraline MR, Gyproc Duraline MZTECH, Gyproc Duraline ACTIVAR, Gyproc Duraline MR ACTIVAR, Gyproc Duraline MZTECH ACTIVAR</p> <p>SIAM GYPSUM INDUSTRIES (SARABURI) CO LTD — Type EX-1</p> <p>THAI GYPSUM PRODUCTS PCL — Type X, Type C</p> <p>UNITED STATES GYPSUM CO — Types AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULUX, USGX, WRC, WRX (joint tape and compound, Item 5, optional for use with Type USGX)</p> <p>USG BORAL DRYWALL SFZ LLC — Types C, SCX, USGX (joint tape and compound, Item 5, optional for use with Type USGX)</p> <p>USG MEXICO S A DE CV — Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULUX, USGX, WRC or WRX (joint tape and compound, Item 5, optional for use with Type USGX)</p> <p>4A. Gyproc Board — (As alternate to Item 4) — Nom 5/8 in. thick gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered or backed by steel framing. Panels attached to steel studs and floor runner with 1 in. long Type 5 steel screws spaced 8 in. OC when applied horizontally, or 8 in. OC along vertical and bottom edges and 12 in. OC in the field when panels are applied vertically. When used in widths other than 48 in., gypsum panels to be installed horizontally. When using ULUX, panels need not be staggered in horizontal applications and screw spacing can be increased to 12 in. OC in field and perimeter.</p> <p>CERTAINTED GYPSUM INC — Type X, Type X-1, Type C, Type GRCR, GlasRoc, GlasRoc-2, Type Slatex/FX, Easy-Lite Type X-2</p> <p>CGC INC — Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULUX, USGX, WRC or WRX (joint tape and compound, Item 5, optional for use with Type USGX)</p> <p>CERTAINTED GYPSUM INC — Types LGFC/A, LGFC/B, LGFC-C/A, LGFC-WD</p> <p>GEORGIA-PACIFIC GYPSUM L L C — Types DAP, DAPC, DGG, DS</p> <p>SAINT-GOBAIN GYPROC MIDDLE EAST FZE — Type Gyproc FireStop, Gyproc FireStop MR, Gyproc FireStop MZTTECH, Gyproc FireStop ACTIVAR, Gyproc FireStop MR ACTIVAR, Gyproc FireStop MZTECH ACTIVAR, Gyproc Duraline, Gyproc Duraline MR, Gyproc Duraline MZTECH, Gyproc Duraline ACTIVAR, Gyproc Duraline MR ACTIVAR, Gyproc Duraline MZTECH ACTIVAR</p> <p>THAI GYPSUM PRODUCTS PCL — Type X, Type C</p> <p>UNITED STATES GYPSUM CO — Types AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULUX, USGX, WRC, WRX (joint tape and compound, Item 5, optional for use with Type USGX)</p> <p>USG BORAL DRYWALL SFZ LLC — Types C, SCX, USGX (joint tape and compound, Item 5, optional for use with Type USGX)</p> <p>USG MEXICO S A DE CV — Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULUX, USGX, WRC or WRX (joint tape and compound, Item 5, optional for use with Type USGX)</p> <p>4B. Gyproc Board — (As an alternate to Items 4 or 4A) — Nom 3/4 in. thick, 4 ft wide, installed as described in Item 4A with screw length increased to 1-1/4 in.</p> <p>CGC INC — Types AR, IP-AR</p>	<p>https://q.usprospector.com/profile?n=15021</p> <p>7/14</p>

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<p>UNITED STATES GYPSUM CO — Types AR, IP-AR</p> <p>USG MEXICO S A DE CV — Types AR, IP-AR</p> <p>4C. Gyproc Board — (As an alternate to Items 4A, 4B, and 4C) — Nom. 5/8 in. thick gypsum panels, with square edges, applied horizontally. Gypsum panels fastened to framing with 1 in. long bugle head steel screws spaced a max 8 in. OC, with last 2 screws 3/4 in. and 4 in. from each edge of board. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs on interior walls need not be staggered or backed by steel framing.</p> <p>GEORGIA-PACIFIC GYPSUM L L C — Type DGG, GreenGlass Type X</p> <p>4D. Gyproc Board — (As an alternate to Items 4A, 4B, 4C) — Nom. 5/8 in. thick gypsum panels applied vertically or horizontally. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered or backed by steel framing. Gypsum panels fastened to framing with 1 in. long Type 5 steel screws 12 in. OC along vertical edges and in the field. Screws spaced a max 12 in. along the top and bottom edges of the wall for both vertical and horizontal applications. When used in widths other than 48 in., gypsum panels to be installed horizontally.</p> <p>NATIONAL GYPSUM CO — Types xPP-C, FSX, FSX-C, FSX-G, FSX-L, FSW-C, FSW-G, FSW, FSW-3, FSW-5, FSW-6, FSW-8, FSW-C</p> <p>4E. Gyproc Board — (As an alternate to Items 4 through 4D) — Installed as described in Item 4, 5/8 in. thick, 4 ft wide, applied vertically only and fastened to the studs and plates with 1 in. long Type 5 steel screws spaced 12 in. OC.</p> <p>NATIONAL GYPSUM CO — Type SWH</p> <p>4F. Gyproc Board — (Not Shown) — (As an alternate to Item 4) when used as the base layer on one or both sides of wall. For direct attachment only to steel studs (Item 2C). Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Gypsum board secured to studs with 1-1/4 in. long Type 5-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field.</p> <p>RAY-BAX ENGINEERING CORP — Type RA</p> <p>4G. Gyproc Board — (As an alternate to Items 4 through 4F) — For use with Items 1D and 2D only, 5/8 in. thick, 4 ft wide, attached to steel studs and floor and ceiling track with 1 in. long Type 5 steel screws spaced 8 in. OC along edges of board and 12 in. OC in the field of the board. Joints oriented vertically and staggered on opposite sides of the assembly. When using ULUX, panels need not be staggered in horizontal applications and screw spacing can be increased to 12 in. OC in field and perimeter.</p> <p>CGC INC — Type SCX, ULUX</p> <p>CERTAINTED GYPSUM INC — Type LGFC/A, LGFC-C/A</p> <p>NATIONAL GYPSUM CO — Types ISW</p> <p>UNITED STATES GYPSUM CO — Type SCX, ULUX</p> <p>USG BORAL DRYWALL SFZ LLC — Type SCX</p> <p>4H. Gyproc Board — (As an alternate to Items 4 through 4G) — Nominal 5/8 in. thick, 4 ft wide panels, applied vertically and secured as described in Item 4.</p> <p>PARCO BUILDING PRODUCTS L L C, DBA PARCO GYPSUM — Type QuietRock ES</p> <p>4I. Gyproc Board — (As an alternate to Items 4 through 4F) — 5/8 in. thick, 4 ft wide, attached to steel studs and floor and ceiling track with 1 in. long Type 5 steel screws spaced 8 in. OC along edges of board and 12 in. OC in the field of the board. Joints oriented vertically and staggered on opposite sides of the assembly. When using ULUX, panels need not be staggered in horizontal applications and screw spacing can be increased to 12 in. OC in field and perimeter. When using ULUX, panels need not be staggered in horizontal applications and screw spacing can be increased to 12 in. OC in field and perimeter.</p> <p>CGC INC — Types SCX, ULUX</p>	<p>https://q.usprospector.com/profile?n=15021</p> <p>8/14</p>

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<p>UNITED STATES GYPSUM CO — Types SCX, ULUX</p> <p>USG BORAL DRYWALL SFZ LLC — Type SCX</p> <p>4I. Gyproc Board — (Not Shown) — (As an alternate to Item 4) when used as the base layer on one or both sides of wall. For direct attachment only to steel studs (Item 2C). Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Gypsum board secured to studs with 1-1/4 in. long Type 5-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. To be used with Lead Batten Strips (see Item 9A) or Lead Discs (see Item 10A).</p> <p>MAYCO INDUSTRIES INC — Type X-Ray Shielded Gypsum</p> <p>4K. Gyproc Board — (As an alternate to Items 4 and 4A, and for use with Items 10, 1E, 2D and 2E) — Nom. 5/8 in. thick gypsum panels with beveled, square or tapered edges installed as described in Item 4 and 4A.</p> <p>CGC INC — Type ULUX</p> <p>UNITED STATES GYPSUM CO — Type ULUX</p> <p>USG MEXICO S A DE CV — Type ULUX</p> <p>4L. Gyproc Board — (Not Shown) — (As an alternate to Item 4) when used as the base layer on one or both sides of wall. For direct attachment only to steel studs (Item 2C). Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type 5-12 steel screws gypsum panel steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 2 in. wide, max 8 ft long with a max thickness of 0.14 in. placed on the face of studs and attached to the stud with construction adhesive and two 1 in. long Type 5-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead discs, nominal 5/8 in. diam by max 0.085 in. thick. Compression fitted or adhered over the screw heads. Lead batten strips and discs to have a purity of 99.9% meeting the Federal Specification Q-Q-2011, Grade "C".</p> <p>RADIATION PROTECTION PRODUCTS INC — Type RPP - Lead Drynord UL</p> <p>4M. Gyproc Board — (For use with Item 8) — 5/8 in. thick, 4 ft wide, applied vertically over Mineral and Fiber Board (Item B) with vertical joints located anywhere over stud cavities. Secured to mineral and fiber boards with 1-1/2 in. Type G Screws spaced 8 in. OC along edges of each vertical joint and 12 in. OC in intermediate field of the Mineral and Fiber Board (Item B). Secured to outermost studs and floor and ceiling runners with 2 in. long Type 5 screws spaced 8 in. OC. Gyproc Board joints covered with paper tape and joint compound. Screw heads covered with joint compound.</p> <p>AMERICAN GYPSUM CO — Type AG-C</p> <p>CERTAINTED GYPSUM INC — Type C</p> <p>CGC INC — Types IP-X2, IPC-AR</p> <p>CERTAINTED GYPSUM INC — Type LGFC-C/A</p> <p>GEORGIA-PACIFIC GYPSUM L L C — Types 5, 6, 9, C, DAP, DD, DAPC, DGG, DS, GFS6, LS, Type X, Veneer Plaster Base - Type X, Water Rated - Type X, Sheathing - Type X, Soffit - Type X, TG-C, GreenGlass Type X, Type X ComfortGuard Sound Densifying Gypsum Board, Type LWX, Veneer Plaster Base - Type LWX, Water Rated - Type LWX, Sheathing - Type LWX, Soffit - Type LWX, Type DGLW, Water Rated - Type DGLW, Sheathing - Type DGLW, Soffit - Type DGLW, Type LWX, Veneer Plaster Base - Type LWX, Water Rated - Type LWX, Sheathing - Type LWX, Soffit - Type LWX, Type DGLW, Water Rated - Type DGLW, Sheathing - Type DGLW</p> <p>NATIONAL GYPSUM CO — Types xPP-C, FSX, FSX-C, FSX-G, FSX-L, FSW-C, FSW-G, FSW, FSW-3, FSW-5, FSW-6, FSW-8, FSX, FSX</p> <p>NATIONAL GYPSUM CO — Types xPP-C, FSX, FSX-C, FSX-G, FSX-L, FSW-C, FSW-G, FSW, FSW-3, FSW-5, FSW-6, FSW-8, FSX, FSX</p> <p>PARCO BUILDING PRODUCTS L L C, DBA PARCO GYPSUM — Type PG-C, PG-9, PG-11, PGG-WRS, PGI</p> <p>PARCO BUILDING PRODUCTS L L C, DBA PARCO GYPSUM — Types PG-C, PG-9, PG-11, PGG-WRS, PGI</p> <p>PANEL REY S A — Types PRC, PR2</p>	<p>https://q.usprospector.com/profile?n=15021</p> <p>9/14</p>

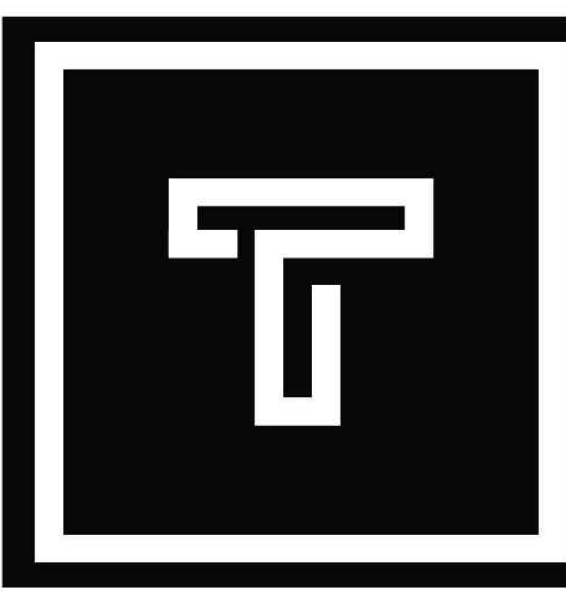
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<p>TELLING INDUSTRIES L L C — Type SUPREME D24/30EQD and Type SUPREME D20</p> <p>UNITED METAL PRODUCTS INC — Type SUPREME D24/30EQD and Type SUPREME D20</p> <p>2B. Framing Members — Steel Studs — Not Shown — In lieu of Item 2 — For use with Item 1B, proprietary channel shaped steel studs, 1-1/4 in. wide by min 3-5/8 in. deep fabricated from min 0.020 in. thick galv steel. Studs cut 3/4 in. less in length than assembly height.</p> <p>CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper20™</p> <p>CRACO MFG INC — SmartStud20™</p> <p>MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™</p> <p>FUSION BUILDING PRODUCTS — Viper20™</p> <p>IMPERIAL MANUFACTURING GROUP INC — Viper20™</p> <p>2C. Steel Studs — (As an alternate to Item 2, For use with Item 1C) — Channel shaped, fabricated from min 20 MSG corrosion-protected or galv steel, 3-1/2 in. min depth, spaced a max of 16 in. OC. Studs friction-fit into floor and ceiling runners. Studs to be cut 5/8 to 3/4 in. less than assembly height. See materials in Item 4 that require Item 2C studs.</p> <p>2D. Framing Members — Steel Studs — (As an alternate to Items 2 through 2C) — For use with Item 1D and 4G only, channel shaped studs, min 3-5/8 in. wide fabricated from min 0.018 in. thick galv steel, spaced a max of 24 in. OC. Studs to be cut 1/2 in. less than assembly height.</p> <p>CLARKDIETRICH BUILDING SYSTEMS — CD ProSTUD</p> <p>DMFCWS L L C — ProSTUD</p> <p>MBA METAL FRAMING — ProSTUD</p> <p>RAM SALES L L C — Ram ProSTUD</p> <p>STEEL STRUCTURAL PRODUCTS L L C — Tri-S ProSTUD</p> <p>2E. Framing Members — Steel Studs — (As an alternate to Items 2 through 2D) — For use with Item 1E and 4I only, channel shaped studs, min 3-5/8 in. wide fabricated from min 0.018 in. thick galv steel, spaced a max of 24 in. OC. Studs to be cut 1/2 in. less than assembly height.</p> <p>TELLING INDUSTRIES L L C — TRLE-STUD™</p> <p>2F. Framing Members — Steel Studs — (As an alternate to Items 2 through 2E) — For use with Item 1F, channel shaped studs, min 3-5/8 in. wide, fabricated from min 25 MSG steel, spaced a max of 24 in. OC. Studs to be cut 1/2 in. less than assembly height.</p> <p>KIRRI (HONG KONG) LTD — Type KIRI</p> <p>2G. Framing Members — Steel Studs — Not Shown — In lieu of Item 2 through 2F — For use with Item 1G. Proprietary channel shaped studs, minimum 3-5/8 in. wide. Studs to be cut 1/2 in. less than the assembly height.</p> <p>STUDDO BUILDING SYSTEMS — CROCSTUD</p> <p>2H. Framing Members — Steel Studs — Not Shown — In lieu of Item 2 — For use with Item 1I, proprietary channel shaped steel studs, 1-1/4 in. wide by min 3-5/8 in. deep fabricated from min 0.020 in. thick galv steel. Studs cut 3/4 in. less in length than assembly height.</p> <p>MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™</p>	<p>https://q.usprospector.com/profile?n=15021</p> <p>5/14</p>

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<p>2I. Framing Members — Steel Studs — In lieu of Item 2 — For use with Item 1, channel shaped studs, fabricated from min 25 MSG corrosion-protected steel, 3-5/8 in. deep (min), spaced 24 in. OC max. Studs to be cut 3/4 in. less than assembly height.</p> <p>EB METAL INC — NITROSTUD</p> <p>2J. Framing Members — Steel Studs — In lieu of Item 2 — For use with Item 1, channel shaped studs, fabricated from min 25 MSG corrosion-protected steel, 3-5/8 in. deep (min), spaced 24 in. OC max. Studs to be cut 3/4 in. less than assembly height.</p> <p>OLMAR SUPPLY INC — IMESTUD</p> <p>2K. Framing Members — Steel Studs — (As an alternate to Item 2) — For use with Item 1B (3-5/8 in. wide track), channel shaped studs, fabricated from min 25 MSG corrosion-protected steel, 1-1/4 in. wide by 3-5/8 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.</p> <p>MARINO/WARE, DIV OF WARE INDUSTRIES INC — Stud8in™</p> <p>2L. Framing Members — Steel Studs — (As an alternate to Items 2) — For use with Item 1I, channel shaped studs, min 3-5/8 in. wide fabricated from min 0.018 in. thick galv steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.</p> <p>RESCUE METAL FRAMING, L L C — AlphaSTUD</p> <p>2M. Framing Members — Steel Studs — Not Shown — In lieu of Item 2 — For use with Item 1K, proprietary channel shaped steel studs, min 1-1/4 in. wide by min 3-5/8 in. deep, fabricated from min 25 MSG (0.018 in. min. bare metal thickness). Studs cut 3/4 in. less in length than assembly height.</p> <p>NATIONAL GYPSUM CO — Types xPP-C, FSX, FSX-C, FSX-G, FSX-L, FSW-C, FSW-G, FSW, FSW-3, FSW-5, FSW-6, FSW-8, FSW-C</p> <p>2N. Framing Members — Steel Studs — Not Shown — In lieu of Item 2 — For use with Item 1L, proprietary channel shaped steel studs, 1-1/4 in. wide by min 3-5/8 in. deep fabricated from min 0.020 in. thick galv steel. Studs cut 3/4 in. less in length than assembly height.</p> <p>CRACO MFG INC — SmartStud20™</p> <p>3. Batts and Blankets — (Optional) — Mineral wool or glass fiber batts partially or completely filling stud cavity. See Batts and Blankets (BZJZ) category for names of Classified companies.</p> <p>ROCKWOOL — Type AFB, min. density 1.69 pcf / 27.0 kg/m³</p> <p>ROCKWOOL MALAYSIA SDN BHD — Type Acoustical Fire Batts</p> <p>3A. Fiber, Sprayed — (As an alternate to Batts and Blankets (Item 3)) — (100% Borate Formulation) — Spray applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product with a nominal dry density of 2.3 lbs/ft³. Alternate Application Method: The fiber is applied without water or adhesive at a nominal dry density of 3.5 lbs/ft³, in accordance with the application instructions supplied with the product.</p> <p>U S GREENFIBER L L C — IN573, IN574S, IN574SD for use with wet or dry application. IN574SD and IN574LD are to be used dry application only.</p> <p>3B. Fiber, Sprayed — (As an alternate to Batts and Blankets (Item 3)) — Spray applied cellulose insulation material. The fiber is applied with water to minor surfaces in accordance with the application instructions supplied with the product. Applied to completely fill the enclosed cavity. Minimum dry density of 4.3 pounds per cubic ft.</p> <p>NU-WOOL CO INC — Cellulose Insulation</p> <p>3C. Fiber, Sprayed — (As an alternate to Batts and Blankets (Item 3)) — Spray applied cellulose fiber. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. The minimum dry density shall be 4.30 lbs/ft³.</p> <p>INTERNATIONAL CELLULOSE CORP — Cellar-RI</p> <p>3D. Batts and Blankets — (For use with Item 8, Nom 1/2 in. thick, minimum 3.4 pcf mineral wool batts, friction fit between the studs and floor and ceiling runners.)</p> <p>See Batts and Blankets (BZJZ) category for names of manufacturers.</p> <p>3E. Fiber, Sprayed — (As an alternate to Batts and Blankets (Item 3)) — Spray applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. To facilitate the installation of the material, any thin, woven or non-woven netting may be attached by any means possible to the outer face of the studs. The material shall reach equilibrium moisture content before the installation of materials on either face of the studs. The minimum dry density shall be 5.79 lbs/ft³.</p> <p>APPLITE HOLDINGS L L C — Appligate Advanced Stabilized Cellulose Insulation</p> <p>3G. Foamed Plastic — (As an alternate to Batts and Blankets (Item 3), for use with Item 4U) — Spray applied, foamed plastic insulation, at any thickness from partial fill to completely filling stud cavity. When foamed plastic is used, minimum stud depth shall be 3-1/2 in.</p> <p>CALISEE PARTIAL FOAM INSULATION — Type SealTite Pro Closed Cell (CC), SealTite Pro Open Cell (OC), SealTite Pro OCX, SealTite Pro No Trim 21, SealTite Pro One Zero, Foamulite Closed Cell, Foamulite OCX, Foamulite 70, and Foamulite H90</p> <p>4. Gyproc Board — 5/8 in. thick, 4 ft wide, attached to steel studs and floor and ceiling track with 1 in. long Type 5 steel screws spaced 8 in. OC along edges of board and 12 in. OC in the field of the board. Joints oriented vertically and staggered on opposite sides of the assembly. When Steel Framing Members (Item 6 or any alternate clips) are used, gypsum board is screw attached to furring channels with 1 in. long Type 5 steel screws spaced 12 in. OC.</p> <p>AMERICAN GYPSUM CO — Types AG-C, AGX-1, M-Glass, LightRoc</p> <p>CACOT MANUFACTURING LLC — Type X, 5/8 Type X, Type Blueglass Exterior Sheathing</p> <p>CGC INC — Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULUX, USGX, WRC or WRX (joint tape and compound, Item 5, optional for use with Type USGX)</p> <p>CERTAINTED GYPSUM INC — Types GRCR, GlasRoc, Type X, Type X-1, Type C, 5/8" Easy-Lite Type X, Easy-Lite Type X-2</p> <p>CERTAINTED GYPSUM INC — Types LGFC/A, LGFC-C/A, LGFC-WD, LGLX</p> <p>GEORGIA-PACIFIC GYPSUM L L C — Types 5, 6, 9, C, DAP, DD, DAPC, DGG, DS, GFS6, LS, Type X, Veneer Plaster Base - Type X, Water Rated - Type X, Sheathing - Type X, Soffit - Type X, TG-C, GreenGlass Type X, Type X ComfortGuard Sound Densifying Gypsum Board, Type LWX, Veneer Plaster Base - Type LWX, Water Rated - Type LWX, Sheathing - Type LWX, Soffit - Type LWX, Type DGLW, Water Rated - Type DGLW, Sheathing - Type DGLW, Soffit - Type DGLW, Type LWX, Veneer Plaster Base - Type LWX, Water Rated - Type LWX, Sheathing - Type LWX, Soffit - Type LWX, Type DGLW, Water Rated - Type DGLW, Sheathing - Type DGLW</p> <p>NATIONAL GYPSUM CO — Types xPP-C, FSX, FSX-C, FSX-G, FSX-L, FSW-C, FSW-G, FSW, FSW-3, FSW-5, FSW-6, FSW-8, FSX, FSX</p> <p>NATIONAL GYPSUM CO — Types xPP-C, FSX, FSX-C, FSX-G, FSX-L, FSW-C, FSW-G, FSW, FSW-3, FSW-5, FSW-6, FSW-8, FSX, FSX</p> <p>PARCO BUILDING PRODUCTS L L C, DBA PARCO GYPSUM — Types PG-C, PG-9, PG-11, PGG-WRS, PGI</p> <p>PARCO BUILDING PRODUCTS L L C, DBA PARCO GYPSUM — Types PG-C, PG-9, PG-11, PGG-WRS, PGI</p> <p>PANEL REY S A — Types PRC, GRG, PRC2, PRX, RHX, MDX, ETX, PRX2</p>	<p>https://q.usprospector.com/profile?n=15021</p> <p>6/14</p>

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<p>UL Product IQ™</p> <p>BXUV.U465</p> <p>Design/System/Construction/Assembly Usage Disclaimer</p> <ul style="list-style-type: none"> Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, systems, devices, and materials. Authorities Having Jurisdiction should be consulted before construction. Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field. When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction. Only products which bear UL's Mark are considered Certified. <p>BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States BXUV - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada</p> <p>See General Information for Fire Resistance Ratings - ANSI/UL 263 Certified for United States Design Criteria and Allowable Variances</p> <p>See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada Design Criteria and Allowable Variances</p> <p>Design No. U465</p> <p>August 27, 2021</p> <p>Nonbearing Wall Rating — 1 HR.</p> <p>* Indicates such products shall bear the UL or cUL Certification Mark for Jurisdictions employing the UL or cUL Certification (such as Canada), respectively.</p> <p>1. Floor and Ceiling Runners — (Not Shown) — Channel shaped runners, 3-5/8 in. deep (min), 1-1/4 in. legs, formed from min No. 25 MSG galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.</p> <p>2. Framing Members — Floor and Ceiling Runners — Not Shown — In lieu of Item 1 — For use with Item 2B, proprietary channel shaped runners, 1-1/4 in. wide by min 3-5/8 in. deep, fabricated from min 0.020 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.</p> <p>CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper 20™ Track</p> <p>MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™ Track</p> <p>FUSION BUILDING PRODUCTS — Viper20™ Track</p> <p>IMPERIAL MANUFACTURING GROUP INC — Viper20™ Track</p> <p>1C. Floor and Ceiling Runners — (Not Shown) — For use with Item 2C — Channel shaped, fabricated from min 20 MSG corrosion-protected or galv steel, min depth to accommodate stud size, with min 1 in. long legs, attached to floor and ceiling with fasteners spaced max 24 in. OC.</p> <p>1D. Framing Members — Floor and Ceiling Runners — Not Shown — In lieu of Items 1 through 1C — For use with Item 2D and 4C only, proprietary channel shaped runners, 1-1/4 in. deep by min 3-5/8 in. wide fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.</p> <p>CLARKDIETRICH BUILDING SYSTEMS — CD ProTRAK</p> <p>DMFCWS L L C — ProTRAK</p> <p>MBA METAL FRAMING — ProTRAK</p> <p>RAM SALES L L C — Ram ProTRAK</p> <p>STEEL STRUCTURAL PRODUCTS L L C — Tri-S ProTRAK</p> <p>1E. Framing Members — Floor and Ceiling Runners — Not Shown — In lieu of Items 1 through 1D — For use with Item 2E and 4I only, proprietary channel shaped runners, 1-1/4 in. deep by min 3-5/8 in. wide fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.</p> <p>TELLING INDUSTRIES L L C — TRLE-TRAK™</p> <p>1G. Framing Members — Floor and Ceiling Runners — Not Shown — In lieu of Items 1 through 1F — For use with Item 2, channel shaped runners, 1-1/4 in. deep by min 3-5/8 in. wide, attached to floor and ceiling with fasteners spaced 24 in. OC max.</p> <p>STUDDO BUILDING SYSTEMS — CROCSTUD Track</p> <p>1H. Floor and Ceiling Runners — (Not Shown) — Channel shaped, fabricated from min 0.02 in. galv steel, min width to accommodate stud size, with min 1 in. long legs, for use with studs specified below and fabricated from min 0.02 in. galv steel or thicker, attached to floor and ceiling with fasteners spaced max 24 in. OC.</p> <p>MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™ Track V100</p> <p>FUSION BUILDING PRODUCTS — Viper20™ Track V100</p> <p>IMPERIAL MANUFACTURING GROUP INC — Viper20™ Track V100</p> <p>1I. Framing Members — Floor and Ceiling Runners — Not Shown — In lieu of Item 1 — For use with Item 2H, proprietary channel shaped runners, 1-1/4 in. deep by min 3-5/8 in. deep fabricated from min 0.020 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.</p> <p>MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™ Track</p> <p>1J. Framing Members — Floor and Ceiling Runners — Not Shown — In lieu of Items 1 — For use with Item 2J, proprietary channel shaped runners, 1-1/4 in. deep by min 3-5/8 in. wide fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.</p> <p>RESCUE METAL FRAMING, L L C — AlphaTRAK</p> <p>1K. Framing Members — Floor and Ceiling Runners — Not Shown — In lieu of Item 1 — For use with Item 2M, proprietary channel shaped runners, 1-1/4 in. wide by min 3-5/8 in. deep, fabricated from min 25 MSG (0.018 in. min. bare metal thickness), attached to floor and ceiling with fasteners spaced 24 in. OC max.</p> <p>CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper X Track</p> <p>1L. Framing Members — Floor and Ceiling Runners — Not Shown — In lieu of Item 1 — For use with Item 2N, proprietary channel shaped runners, 1-1/4 in. wide by min 3-5/8 in. deep fabricated from min 0.020 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.</p> <p>CRACO MFG INC — Smartas20™</p> <p>2. Steel Studs — Channel shaped, 3-5/8 in. deep (min), formed from min No. 25 MSG galv steel spaced 24 in. OC max. Studs to be cut 3/4 in. less than assembly height.</p> <p>2A. Framing Members — Floor and Ceiling Runners — (As an alternate to Item 2) — Channel shaped studs, min 3-5/8 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.</p> <p>ALLSTEEL & GYPSUM PRODUCTS INC — Type SUPREME D24/30EQD and Type SUPREME D20</p> <p>CONSOLIDATED FABRICATORS CORP BUILDING PRODUCTS DIV — Type SUPREME D24/30EQD and Type SUPREME D20</p> <p>QUAIL RUN BUILDING MATERIALS INC — Type SUPREME D24/30EQD and Type SUPREME D20</p> <p>SCAFCO STEEL STUD MANUFACTURING CO — Type SUPREME D24/30EQD and Type SUPREME D20</p> <p>STEEL CONSTRUCTION SYSTEMS INC — Type SUPREME D24/30EQD and Type SUPREME D20</p>	<p>https://q.usprospector.com/profile?n=15021</p> <p>2/14</p>

12/19/21, 5:12 PM	BXUV/U905 - Fire-resistance Ratings - ANSI/UL 263 UL Product IQ
<p>UL Product IQ™</p> <p>BXUV.U905 - Fire-resistance Ratings - ANSI/UL 263</p> <p>Design/System/Construction/Assembly Usage Disclaimer</p> <ul style="list-style-type: none"> Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, systems, devices, and materials. Authorities Having Jurisdiction should be consulted before construction. Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field. When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction. Only products which bear UL's Mark are considered Certified. <p>BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States BXUV - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada</p> <p>See General Information for Fire Resistance Ratings - ANSI/UL 263 Certified for United States Design Criteria and Allowable Variances</p> <p>See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada Design Criteria and Allowable Variances</p> <p>Design No. U905</p> <p>November 09, 2020</p> <p>Bearing Wall Rating — 2 HR. Nonbearing Wall Rating — 2 HR</p> <p>This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BXUV or UL 263.</p> <p>* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.</p> <p>https://q.usprospector.com/profile?n=15133</p> <p>1/3</p>	<p>https://q.usprospector.com/profile?n=15133</p> <p>1/3</p>

12/19/21, 5:12 PM	BXUV/U905 - Fire-resistance Ratings - ANSI/UL 263 UL Product IQ
<p>1. Concrete Blocks — Various designs. Classification D-2 (2 Hr). See Concrete Blocks category for list of eligible manufacturers.</p> <p>2. Mortar — Blocks laid in full bed of mortar, min 3/8 in. thick, of not less than 2-1/4 and not more than 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.</p> <p>3. Portland Cement Stucco or Gypsum Plaster — Add 1/2 in. to classification if used. Where combustible members are framed in wall, plaster or stucco must be applied on the face opposite framing to achieve a max. Classification of 1-1/2 hr. Attached to concrete blocks (Item 1).</p> <p>4. Loose Masonry Fill — If all core spaces are filled with loose dry expanded slag, expanded clay or shale (Rotary Kin Process), water repellent vermiculite masonry fill insulation, or silicone treated perlite loose fill insulation add 2 hr to classification.</p> <p>5. Framed Rafter — (Optional, Not Shown) — 1-1/2 in. thick max, 4 ft wide sheathing attached to concrete blocks (Item 1).</p> <p>ATLAS RADIANT CORP — EnergyShield Pro Wall Insulation; EnergyShield Pro 2</p>	



Section # & Req. ID	Footing / Foundation Inspection	Complies?	Comments/Assumptions
C303.2 [FO4]	Slab edge insulation installed per manufacturer's instructions.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C303.2.1 [FO6]	Exterior insulation protected against damage, sunlight, moisture, wind, landscaping and equipment maintenance activities.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C104 [FO3]	Installed slab-on-grade insulation type and R-value consistent with insulation specifications reported in plans and COMcheck reports.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
C402.2.5 [FO7]	Slab edge insulation depth/length. Slab insulation extending away from building is covered by pavement or >= 10 inches of soil.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Project Title: MSSI_Mangonia_Park_FL Report date: 11/03/22
Data filename: Page 7 of 12

COMcheck Software Version COMcheckWeb Mechanical Compliance Certificate

Project Information
Energy Code: 2020 Florida Building Code, Energy Conservation
Project Title: MSSI_Mangonia_Park_FL
Location: West Palm Beach, Florida
Climate Zone: 1a
Project Type: New Construction

Construction Site: 45th Street (SR702) Mangonia Park, Florida 33407
Owner/Agent: Beau Raich Storage Rentals of America 324 Datura Street, Suite 338 West Palm Beach, Florida 33401 (561) 631-9555 ext: 1049 beau@sroa.com
Designer/Contractor: J. Neil Tate, AIA Tate Architecture PLLC P.O. Box 1784 Kernersville, North Carolina 27285 336-413-0601 neil@tatearchitecture.com

Additional Efficiency Package(s)
Credits: 1.0 Required 1.0 Proposed
Enhanced Interior Lighting Controls, 1.0 credit

Mechanical Systems List
Quantity System Type & Description

Mechanical Compliance Statement
Compliance Statement: The proposed mechanical design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed mechanical systems have been designed to meet the 2020 Florida Building Code, Energy Conservation requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Name - Title Signature Date

Project Title: MSSI_Mangonia_Park_FL Report date: 11/03/22
Data filename: Page 5 of 12

COMcheck Software Version COMcheckWeb Interior Lighting Compliance Certificate

Project Information
Energy Code: 2020 Florida Building Code, Energy Conservation
Project Title: MSSI_Mangonia_Park_FL
Project Type: New Construction

Construction Site: 45th Street (SR702) Mangonia Park, Florida 33407
Owner/Agent: Beau Raich Storage Rentals of America 324 Datura Street, Suite 338 West Palm Beach, Florida 33401 (561) 631-9555 ext: 1049 beau@sroa.com
Designer/Contractor: J. Neil Tate, AIA Tate Architecture PLLC P.O. Box 1784 Kernersville, North Carolina 27285 336-413-0601 neil@tatearchitecture.com

Additional Efficiency Package(s)
Credits: 1.0 Required 1.0 Proposed
Enhanced Interior Lighting Controls, 1.0 credit

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts
Unspecified	101700	0.00	0
Total Allowed Watts =			N/A

Proposed Interior Lighting Power

A Fixture ID - Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixture	D Wattage (C X D)
Unspecified (wattage exempt for this area)			0
Total Proposed Watts =			0

Interior Lighting TBD: Invalid building use type

Project Title: MSSI_Mangonia_Park_FL Report date: 11/03/22
Data filename: Page 3 of 12

COMcheck Software Version COMcheckWeb Envelope Compliance Certificate

Project Information
Energy Code: 2020 Florida Building Code, Energy Conservation
Project Title: MSSI_Mangonia_Park_FL
Location: West Palm Beach, Florida
Climate Zone: 1a
Project Type: New Construction
Vertical Glazing / Wall Area: 1%

Construction Site: 45th Street (SR702) Mangonia Park, Florida 33407
Owner/Agent: Beau Raich Storage Rentals of America 324 Datura Street, Suite 338 West Palm Beach, Florida 33401 (561) 631-9555 ext: 1049 beau@sroa.com
Designer/Contractor: J. Neil Tate, AIA Tate Architecture PLLC P.O. Box 1784 Kernersville, North Carolina 27285 336-413-0601 neil@tatearchitecture.com

Additional Efficiency Package(s)
Credits: 1.0 Required 1.0 Proposed
Enhanced Interior Lighting Controls, 1.0 credit

Building Area
1-Warehouse - Nonresidential 101900

Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor
Roof: Insulation Entirely Above Deck, 3-Year Aged Solar Reflectance Index = 85.00, Thermal Emittance = 0.79 (d), [Bldg. Use 1 - Warehouse]	33900	---	20.0	0.048	0.048
Floor: Unheated Slab-On-Grade, [Bldg. Use 1 - Warehouse] (c)	1089	---	---	0.730	0.730
NORTH Ext. Wall: Metal Building Wall, Double Layer Mineral Fiber (outer layer compressed at girt), [Bldg. Use 1 - Warehouse]	16724	0.0	15.0	0.063	0.079
SD1: Insulated Metal, Swinging, [Bldg. Use 1 - Warehouse]	32	---	---	0.500	0.610
EAST Ext. Wall: Metal Building Wall, Double Layer Mineral Fiber (outer layer compressed at girt), [Bldg. Use 1 - Warehouse]	2888	0.0	15.0	0.063	0.079
SD1: Glass (over 50% glazing): Metal Frame, Entrance Door, Perf. Specs.: Product ID Stanley 2000, SHGC 0.25, [Bldg. Use 1 - Warehouse] (d)	80	---	---	0.500	1.100
SOUTH Ext. Wall: Metal Building Wall, Double Layer Mineral Fiber (outer layer compressed at girt), [Bldg. Use 1 - Warehouse]	17686	0.0	15.0	0.063	0.079
SF-SF1: Metal Frame with Thermal Break: Fixed, Perf. Specs.: Product ID Kawneer Tribal, SHGC 0.25, [Bldg. Use 1 - Warehouse] (d)	88	---	---	0.500	0.500
SF-SF1: Metal Frame with Thermal Break: Fixed, Perf. Specs.: Product ID Kawneer Tribal, SHGC 0.25, [Bldg. Use 1 - Warehouse] (b)	88	---	---	0.500	0.500
SD1: Insulated Metal, Swinging, [Bldg. Use 1 - Warehouse]	32	---	---	0.500	0.610

Project Title: MSSI_Mangonia_Park_FL Report date: 11/03/22
Data filename: Page 1 of 12

Section # & Req. ID	Framing / Rough-In Inspection	Complies?	Comments/Assumptions
C303.1.3 [FR12]	Fenestration products rated in accordance with NFRC.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C303.1.3 [FR13]	Fenestration products are certified as to performance labels or certificates provided.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C402.4.3 [FR10]	Vertical fenestration SHGC value.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
C402.4.3 [FR8]	Installed vertical fenestration U-factor and SHGC consistent with label specifications and as reported in plans and COMcheck reports.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
C402.5.1 [FR16]	The building envelope contains a continuous air barrier that is sealed in an approved manner. Air barrier penetrations are sealed in an approved manner.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Project Title: MSSI_Mangonia_Park_FL Report date: 11/03/22
Data filename: Page 8 of 12

COMcheck Software Version COMcheckWeb Inspection Checklist

Energy Code: 2020 Florida Building Code, Energy Conservation
Requirements: 0.0% were addressed directly in the COMcheck software
Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req. ID	Plan Review	Complies?	Comments/Assumptions
C103.2 [PR1]	Plans and/or specifications provide all information with which compliance can be determined for the building envelope and document where exceptions to the standard are claimed.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C402.4.1 [PR10]	The vertical fenestration area <= 30 percent of the gross above-grade wall area.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C402.4.1 [PR11]	The skylight area <= 3 percent of the gross roof area.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C402.4.2 [PR14]	In enclosed spaces > 2,500 ft2 directly under a roof with ceiling heights > 15 ft. and used as an office, lobby, atrium, concourse, corridor, storage, gymnasium/exercise center, convention center, automotive service, manufacturing, non-refrigerated warehouse, retail store, distribution/loading area, transportation, or workshop, the following requirements apply: (a) the daylight zone under skylights is >= half the floor area; (b) the skylight area to daylight zone is >= 3 percent with a skylight VT >= 0.40; or a minimum skylight effective aperture >= 1 percent or <= 0.66 using Tubular Daylighting Device's VT rating.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C406 [PR9]	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the additional energy efficiency package options.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Project Title: MSSI_Mangonia_Park_FL Report date: 11/03/22
Data filename: Page 6 of 12

COMcheck Software Version COMcheckWeb Exterior Lighting Compliance Certificate

Project Information
Energy Code: 2020 Florida Building Code, Energy Conservation
Project Title: MSSI_Mangonia_Park_FL
Project Type: New Construction
Exterior Lighting Zone: 0 (Unspecified)

Construction Site: 45th Street (SR702) Mangonia Park, Florida 33407
Owner/Agent: Beau Raich Storage Rentals of America 324 Datura Street, Suite 338 West Palm Beach, Florida 33401 (561) 631-9555 ext: 1049 beau@sroa.com
Designer/Contractor: J. Neil Tate, AIA Tate Architecture PLLC P.O. Box 1784 Kernersville, North Carolina 27285 336-413-0601 neil@tatearchitecture.com

Allowed Exterior Lighting Power

A Area/Surface Category	B Quantity	C Allowed Watts / Tradable Wattage	D Tradable Watts	E Allowed Watts (B X C)
			0	0
Total Allowed Supplemental Watts (b) =			350	350

(a) Wattage tradeoffs are only allowed between tradable areas/surfaces.
(b) A supplemental allowance equal to 350 watts may be applied toward compliance of both non-tradable and tradable areas/surfaces.

Proposed Exterior Lighting Power
Exterior Lighting TBD: Exterior lighting zone not specified (see project screen)

Project Title: MSSI_Mangonia_Park_FL Report date: 11/03/22
Data filename: Page 4 of 12

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor
SD1: Insulated Metal, Swinging, [Bldg. Use 1 - Warehouse]	32	---	---	0.500	0.610
WEST Ext. Wall: Metal Building Wall, Double Layer Mineral Fiber (outer layer compressed at girt), [Bldg. Use 1 - Warehouse]	2888	0.0	15.0	0.063	0.079
SD1: Glass (over 50% glazing): Metal Frame, Entrance Door, Perf. Specs.: Product ID Stanley 2000, SHGC 0.25, [Bldg. Use 1 - Warehouse] (d)	80	---	---	0.500	1.100

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.
(b) Fenestration product performance must be certified in accordance with NFRC and requires supporting documentation.
(c) Slab-On-Grade proposed and budget U-factors shown in table are f-factors.
(d) High albedo roof requirement options: 1) 3-year aged solar reflectance index >= 55.0 thermal emittance >= 0.75, 2) 3-year aged solar reflectance index >= 64.0, 3) initial year aged solar reflectance >= 0.70 thermal emittance >= 0.75, 4) initial year aged solar reflectance index >= 92.0.

Project Notes
Envelope PASSES! Design 13% better than code

Envelope Compliance Statement
Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed envelope systems have been designed to meet the 2020 Florida Building Code, Energy Conservation requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

J. Neil Tate, AIA
Name - Title Signature Date
11.03.2022

MSSI_SROA_Mangonia Park, FL

Project Title: MSSI_Mangonia_Park_FL Report date: 11/03/22
Data filename: Page 2 of 12

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Commission: MSSI Design LLC 8530 Cobb Center Drive Kennesaw, GA -

Commission Number: 2021-26
Issue Date: 10/24/2022

Revisions:

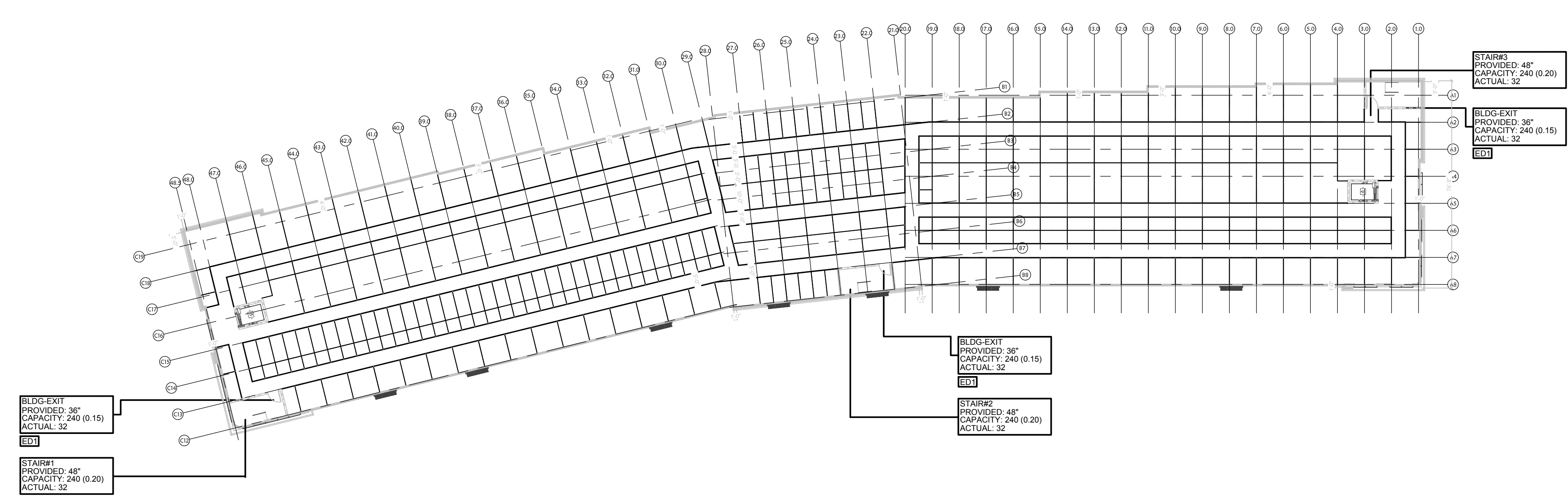
Project Reference North

PROJECT GENERAL NOTES

- GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION, (AIA DOCUMENT A201, CURRENT EDITION), IN ITS ENTIRETY, ARE PART OF THESE DOCUMENTS. ADDITIONAL NOTES WITHIN THESE DOCUMENTS ARE NOT MEANT TO OVERRIDE ANY PART OF A201. CONTACT ARCHITECT FOR A COPY OF A201, IF REQUIRED.
 - THE CONTRACT DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED PROJECT, UNLESS OTHERWISE INDICATED. THEY DO NOT INDICATE THE MEANS OR METHOD OF CONSTRUCTION.
 - THE CONTRACTOR SHALL OBTAIN SUFFICIENT LIABILITY INSURANCE TO COVER WORKMAN'S COMPENSATION, GENERAL LIABILITY AND CONTRACTUAL LIABILITY. A COPY SHALL BE FILED WITH THE OWNER.
 - THE CONTRACTOR SHALL PROVIDE ALL WORK AND MATERIALS AS REQUIRED BY THE CONSTRUCTION DOCUMENTS AND IN FULL ACCORDANCE WITH ALL APPLICABLE CODES AND ORDINANCES.
 - THE CONTRACTOR WILL MAINTAIN BUILDERS RISK INSURANCE ON THE FORM KNOWN AS "ALL RISK" OR "MULTIPLE PERIL". THE CONTRACTOR, ALL SUBCONTRACTORS, ARCHITECTS AND ENGINEERS SHALL BE INCLUDED IN EACH CAPACITY AS INSURED JOINTLY WITH THE OWNER IN ALL POLICIES.
 - THE CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND FIELD CONDITIONS PRIOR TO ANY DEMOLITION, FABRICATION, CONSTRUCTION OR INSTALLATION & NOTIFY ARCHITECT IF CONDITIONS, MATERIALS, SIZES AND DIMENSIONS ARE DIFFERENT FROM THOSE SHOWN.
 - CROSS REFERENCE ALL DIMENSIONS AND DETAILS WITH STRUCTURAL, CIVIL, MECHANICAL, AND ELECTRICAL DRAWINGS BEFORE COMMENCING ANY FABRICATION AND/OR CONSTRUCTION.
 - CONTRACTORS SHALL INSTALL ALL MANUFACTURED ITEMS, MATERIALS AND EQUIPMENT IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDED SPECIFICATIONS, EXCEPT WHERE THE SPECIFICATIONS HEREIN, ARE MORE STRINGENT, AND SHALL BE COMPLIED WITH.
 - MATERIALS WHICH ARE SHOWN ON THE DRAWINGS AND WHICH MAY NOT BE SPECIFICALLY DESCRIBED IN THE SPECIFICATIONS OR DRAWINGS, SHALL BE FURNISHED BY THE CONTRACTOR AND SHALL BE SUITABLE FOR THE INTENDED USE. MATERIALS SHALL BE IN HARMONY WITH ADJACENT MATERIALS, AND SHALL BE SUBJECT TO REVIEW FOR CONFORMANCE WITH THE INTENT OF THE CONTRACT DOCUMENTS, WHERE INSTALLATION TECHNIQUES ARE NOT SPECIFIED, THEY SHALL BE IN ACCORDANCE WITH MANUFACTURER'S CURRENT INSTRUCTION AND INDUSTRY STANDARDS.
 - SHOP DRAWINGS PREPARED BY SUPPLIERS, SUBCONTRACTORS, ETC. SHALL BE REVIEWED, COORDINATED AND SIGNED AND STAMPED BY GENERAL CONTRACTOR PRIOR TO SUBMITTING TO THE ARCHITECT/ENGINEER.
 - THE CONTRACTOR SHALL SECURE ALL NECESSARY PERMITS, LICENSES AND CERTIFICATES AND PAY ALL FEES CONNECTED THEREWITH THE ABOVE REFERENCED PROJECT.
 - THE CONTRACTOR SHALL BE RESPONSIBLE TO PREPARE ALL SURFACES FOR PROPER INSTALLATION OF FINISHES. THIS IS TO INCLUDE, BUT IS NOT LIMITED TO: PATCHING, SANDING, FLOOR LEVELING, PRIMING, SEALING, SKIM COATING, ETC.
 - THE CONTRACTOR SHALL AT ALL TIMES KEEP THE PREMISES FREE FROM WASTE MATERIAL OR RUBBISH CAUSED BY THE WORK.
 - THE CONTRACTOR SHALL MINIMIZE ANY DAMAGE TO EXISTING CONSTRUCTION AND AREAS ON THE SITE OUTSIDE OF THE CONSTRUCTION LIMITS. CONTRACTOR TO CONSTRUCT TEMPORARY WALLS AND BARRIERS AS REQUIRED TO CONTAIN DUST AND DEBRIS AND TO PROVIDE SAFE PUBLIC ACCESS AND PASSAGE.
 - THE GENERAL CONTRACTOR SHALL LOCATE ALL NEW MECHANICAL UNITS OR RELOCATE ANY EXISTING UNITS OR ITEMS THAT CONFLICT WITH NEW OR EXISTING FRAMING AND FULL HEIGHT WALLS. THIS INCLUDES ACCESS FOR ALL CONTROLS, FILTERS, ETC. THIS WORK MUST BE COORDINATED AND VERIFIED PRIOR TO BIDDING.
 - THE GENERAL CONTRACTOR SHALL COORDINATE AND VERIFY WITH THE RESPECTIVE TRADES THE SIZES AND LOCATIONS OF MECHANICAL AND/OR ELECTRICAL PENETRATIONS, LOCATIONS OF FIRE TREATED BACKING/BLOCKING REQUIRED FOR MOUNTING ELECTRICAL AND/OR MECHANICAL EQUIPMENT, AS WELL AS CUTTING AND PATCHING FOR WORK REQUIRED BY MECHANICAL/ELECTRICAL.
 - WHEN WORK IS COMPLETED IN AN AREA, THOROUGHLY CLEAN THE SPACES, ITEMS & SURFACES OF SOIL, WASTE MATERIAL, SMUDGES, SPATTERS, MISAPPLIED MATERIAL, SPOTS, STAINS, AND THE LIKE, WITHOUT DAMAGING THE MATERIALS AND SURFACES INVOLVED.
 - PROVIDE SEMI RECESSED FIRE EXTINGUISHERS AS REQUIRED BY APPLICABLE CODES AND ORDINANCES UNLESS NOTED OTHERWISE.
 - ALL DOORS, FRAMES, HARDWARE, LIGHTING AND CEILING MATERIALS ARE TO FOLLOW BUILDING STANDARDS UNLESS OTHERWISE NOTED.
 - PROVIDE FIRE TREATED BLOCKING IN WALLS AS REQUIRED FOR INSTALLATION OF MILLWORK, FURNITURE AND ACCESSORIES.
 - THE GENERAL CONTRACTOR IS TO VERIFY BUILDING STANDARDS WITH BUILDING MANAGER. ALL HARDWARE SETS AND KEYING TO BE COORDINATED WITH BUILDING MANAGERS.
 - ALL INTERIOR GLASS MUST COMPLY W/ APPLICABLE CODES FOR DESIGN LOADS & SAFETY GLAZING.
 - ALL MATERIALS USED IN PLENUM AREAS MUST BE NON-COMBUSTIBLE AND /OR LISTED FOR PLENUM USE AS DEFINED BY THE STATE & LOCAL CODES. IT WILL BE THE CONTRACTORS RESPONSIBILITY TO ADHERE TO THESE REQUIREMENTS.
 - THE GENERAL CONTRACTOR WILL BE RESPONSIBLE TO FIRE CAULK ALL NEW AND EXISTING PENETRATIONS WITHIN WALL PARTITIONS, ABOVE THE CEILING, AS INDICATED BY THE APPLICABLE CODES.
 - PROVIDE FIRE DEPARTMENT KEY BOX OF TYPE @ LOCATION REQUIRED BY FIRE MARSHALL AND AUTHORITY HAVING JURISDICTION.
 - DEFERRED SUBMITTALS: DOCUMENTS FOR DEFERRED SUBMITTAL ITEMS SHALL BE SUBMITTED TO THE ARCHITECT OF RECORD AND WILL BE REVIEWED FOR GENERAL CONFORMANCE WITH THE DESIGN OF THE BUILDING. SUBMITTALS FOUND TO BE IN CONFORMANCE WITH THE DESIGN INTENT WILL BE STAMPED AS REVISED AND FORWARDED TO THE AUTHORITY HAVING JURISDICTION IN KEEPING WITH IBC 2015 CODE SECTION (A) 107.3.4. SUBMITTALS NOT FOUND IN CONFORMANCE WITH THE DESIGN INTENT WILL BE RETURNED TO THE CONTRACTOR FOR REVISION AND RESUBMIT. REVISED DOCUMENTATION WILL BE REVIEWED BY THE ARCHITECT OF RECORD PRIOR TO ACCEPTANCE AND SUBMISSION TO THE AUTHORITY HAVING JURISDICTION.
- DEFERRED SUBMITTALS INCLUDE THE FOLLOWING:
- FIRE SUPPRESSION DRAWINGS (PREPARED BY DESIGN-BUILD CONTRACTOR)
 - STRUCTURAL STEEL CONNECTIONS
 - STEEL JOIST AND DECKING
 - MISCELLANEOUS METALS STEEL STAIRS AND LANDINGS
 - COLD FORMED METAL FRAMING

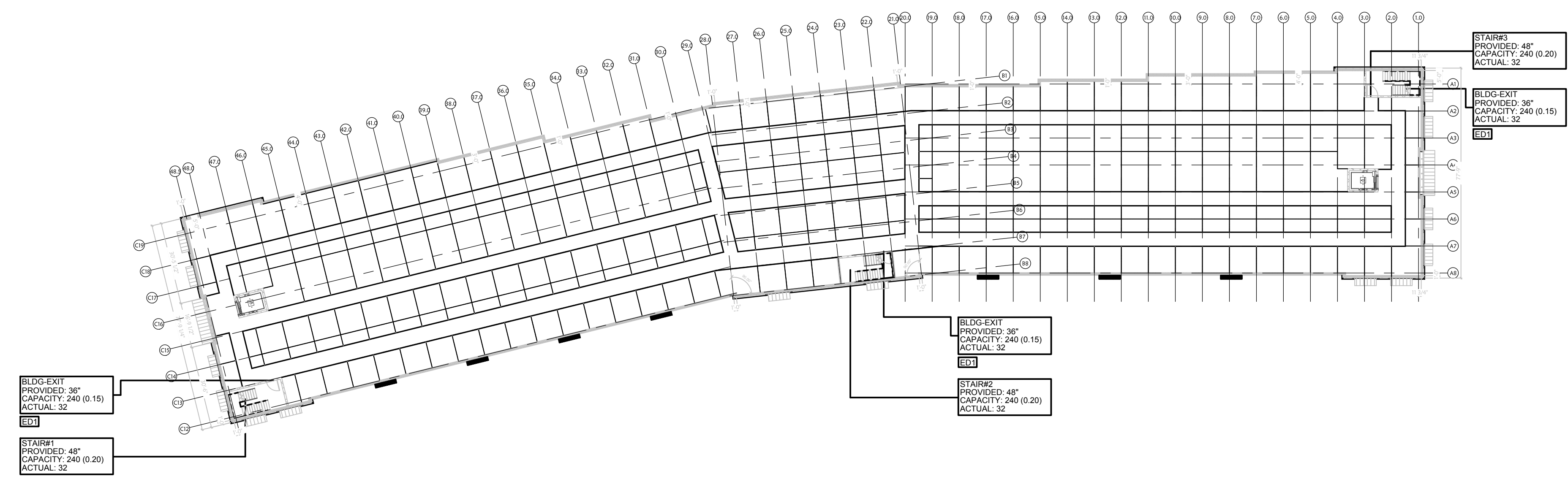
PROJECT GENERAL NOTES

- FINISHES
- THE CONTRACTOR SHALL PATCH AND REPAIR ANY AND ALL FLOORS, WALLS, CEILINGS, ETC. IN A WORKMANSHIP-LIKE MANNER TO MATCH THE SURROUNDING SURFACE AREAS. SURFACES OR MATERIALS DAMAGED BY DEMOLITION OR CONSTRUCTION SHALL BE REPAIRED, RESTORED AND REFINISHED TO MATCH THE EXISTING, UNLESS NOTED OR SPECIFIED OTHERWISE. IN ADDITION THOSE EXISTING SURFACES OR MATERIALS (SERVING AS A SUBSTRATE FOR NEW MATERIALS OR FINISHES) WHICH HAVE BEEN DAMAGED FROM ANY CAUSE, SHALL BE REPAIRED, RESTORED, PROPERLY PREPARED AND CLEANED TO RECEIVE THE NEW MATERIALS AND FINISH WORK. ALL NEW MATERIALS & FINISH WORK TO BE FREE FROM FLAWS & DEFECTS.
 - PATCH AND REPAIR EXISTING FLOOR SLAB AS REQUIRED FOR A SMOOTH AND LEVEL SURFACE FREE OF DEFECTS. FILL ALL CRACKS AND HOLES AND LEVEL DEPRESSIONS WITH MATERIALS COMPATIBLE WITH THE FLOOR AND SLAB AS RECOMMENDED BY THE FLOORING MANUFACTURER.
 - THE GENERAL CONTRACTOR IS RESPONSIBLE FOR VERIFYING LEAD TIMES OF ALL MATERIALS SUCH THAT MATERIALS ARE ON SITE WHEN REQUIRED FOR INSTALLATION.
 - ALL PREPARATION, STORING, INSTALLATION AND CLEANUP OF FINISHES TO CONFORM TO MANUFACTURER'S SPECIFICATIONS.
 - THE GENERAL CONTRACTOR IS RESPONSIBLE FOR TESTING THE CONCRETE SUBFLOOR FOR MOISTURE PRIOR TO THE FLOORING INSTALLATION. IN ADDITION, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR APPROVING AND VERIFYING THAT THE TESTS HAVE BEEN PERFORMED PER ASTM STANDARDS. SHOULD THE FLOORING SUBCONTRACTOR BE ASSIGNED TO TEST THE CONCRETE SUBFLOOR, THEY WILL NEED TO PROVIDE TO THE GENERAL CONTRACTOR ALL REQUIRED INFORMATION PERTAINING TO THESE TESTS, INCLUDING BUT NOT LIMITED TO:
 - NUMBER OF TESTS
 - DIAGRAM OF TEST LOCATIONS
 - ACCLIMATION PERIOD BEFORE RESULTS ARE RECORDED
 - TEST RESULTS, AND THE AMBIENT CONDITIONS THE TESTS WERE PERFORMED IN AFTER CONFIRMATION THAT THE TESTED CONDITIONS MEET BOTH THE REFERENCED AND MANUFACTURER'S STANDARDS. THE SUBCONTRACTOR MAY PROCEED WITH THE INSTALLATION OF THE FLOORING PER MANUFACTURER'S SPECIFICATIONS.
- MECHANICAL
- THE MECHANICAL CONTRACTOR IS TO OBTAIN NECESSARY PERMITS. MECHANICAL DOCUMENTS ARE PROVIDED BY THE MECHANICAL ENGINEER AND INCLUDED HEREIN.
 - THE MECHANICAL CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL NECESSARY MECHANICAL EQUIPMENT AND CONTROLS TO COMPLETE THE JOB. THE MECHANICAL CONTRACTOR IS TO COORDINATE W/ THE ELECTRICAL CONTRACTOR ALL THE NECESSARY WIRING TO COMPLETE THE JOB. THE WIRING IS TO BE COMPLETED BY THE ELECTRICAL CONTRACTOR.
 - PROVIDE WHITE SEMI RECESSED SPRINKLER HEADS W/ WHITE TRIM RING @ ALL ACT. CEILING AND FULLY RECESSED SPRINKLER HEADS W/ WHITE ESCUTCHEON PLATES @ ALL GYP. CEILING AS REQUIRED BY APPLICABLE CODES AND ORDINANCES.
 - VERIFY LOCATION AND SIZES OF ALL OPENINGS WITH GENERAL CONTRACTOR PRIOR TO COMMENCING WORK. THE GENERAL CONTRACTOR IS RESPONSIBLE TO CUT & PATCH OR ADD STRUCTURAL REINFORCING AS REQ'D FOR THE INSTALLATION OF MECHANICAL ROOFTOP EQUIPMENT.
 - ALL SINKS SHALL HAVE HOT AND COLD WATER. PROVIDE BELOW COUNTER PIPE INSULATION WRAP ON EXPOSED PIPING PER ADA GUIDELINES.
 - THE PLUMBING CONTRACTOR MUST PROVIDE A CLEAN-OUT PLAN FOR REVIEW AND APPROVAL BY THE ARCHITECT BEFORE PLUMBING LINES ARE INSTALLED.
- ELECTRICAL
- THE ELECTRICAL CONTRACTOR IS TO OBTAIN NECESSARY PERMITS. THE ELECTRICAL DOCUMENTS ARE TO BE PROVIDED BY THE ELECTRICAL ENGINEER AND ARE INCLUDED HEREIN.
 - THE ELECTRICAL CONTRACTOR IS TO COORDINATE THE INSTALLATION OF ALL MECHANICAL EQUIPMENT AND TO PROVIDE DISCONNECT AND POWER WIRING FOR ALL MECHANICAL EQUIPMENT.
 - THE ELECTRICAL CONTRACTOR IS TO PROVIDE EXIT AND EMERGENCY LIGHTS AS REQUIRED BY APPLICABLE CODES AND ORDINANCES.
 - THE ELECTRICAL CONTRACTOR IS TO PROVIDE SMOKE DETECTION AND ALARM DEVICES AND WIRING OF THE SPACE AS REQUIRED BY APPLICABLE CODES AND ORDINANCES FOR THE INTERIOR BUILD-OUT SPACE.
 - THE ELECTRICAL CONTRACTOR SHALL INSTALL JUNCTION BOXES W/ PULL STRING FOR ALL VOICE / DATA AND PHONE LOCATIONS. THE TENANT IS TO COORDINATE & PROVIDE ALL LOW VOLTAGE CABLING AND COVER PLATES AS REQUIRED.
 - NEW ELECTRICAL OUTLETS ARE SHOWN AT APPROXIMATE LOCATIONS. NO OUTLETS ARE TO BE BACK TO BACK.
 - ALL UNDER CABINET LIGHTING IS TO BE CONTROLLED BY A WALL SWITCH.
 - SEE ELECTRICAL PLANS FOR LIGHT FIXTURE TYPES AND LOCATIONS.
 - SECURITY SYSTEMS SHALL BE PROVIDED BY THE OWNERS VENDOR. COORDINATE SYSTEM INSTALL WITH THE BALANCE OF THE WORK.
- VAPOR MITIGATION SYSTEM INTEGRATION
- THE PROJECT WILL INCLUDE THE INSTALLATION OF THE BELOW-GRADE COMPONENTS OF A VAPOR MITIGATION SYSTEM INCLUDING A NETWORK OF BURIED, PERFORATED PVC PIPE, ENCASUREMENT MEDIA AND COLLECTION/VENTILATION RISERS. THE SYSTEM WILL BE INSTALLED FOR FUTURE USE SHOULD PERIODIC TESTING INDICATE THE NEED. ELECTRIFIED FANS WILL NOT BE INSTALLED UNTIL SUCH TIME AS TESTING INDICATES THE NEED. REFER TO SEPARATE MITIGATION SYSTEM DRAWINGS PREPARED BY OTHERS. THE CONTRACTOR SHALL COORDINATE THE WORK OF THIS PROJECT WITH THE WORK OF THE MITIGATION SYSTEM, INCLUDING THE MITIGATION SYSTEM IN THE CONSTRUCTION CONTRACT WITH THE OWNER. ANY PENETRATIONS OF THE UNDER-SLAB VAPOR BARRIER BY THE MITIGATION SYSTEM PIPING SHALL BE SEALED PER THE BARRIER MANUFACTURER'S STANDARD DETAILS.



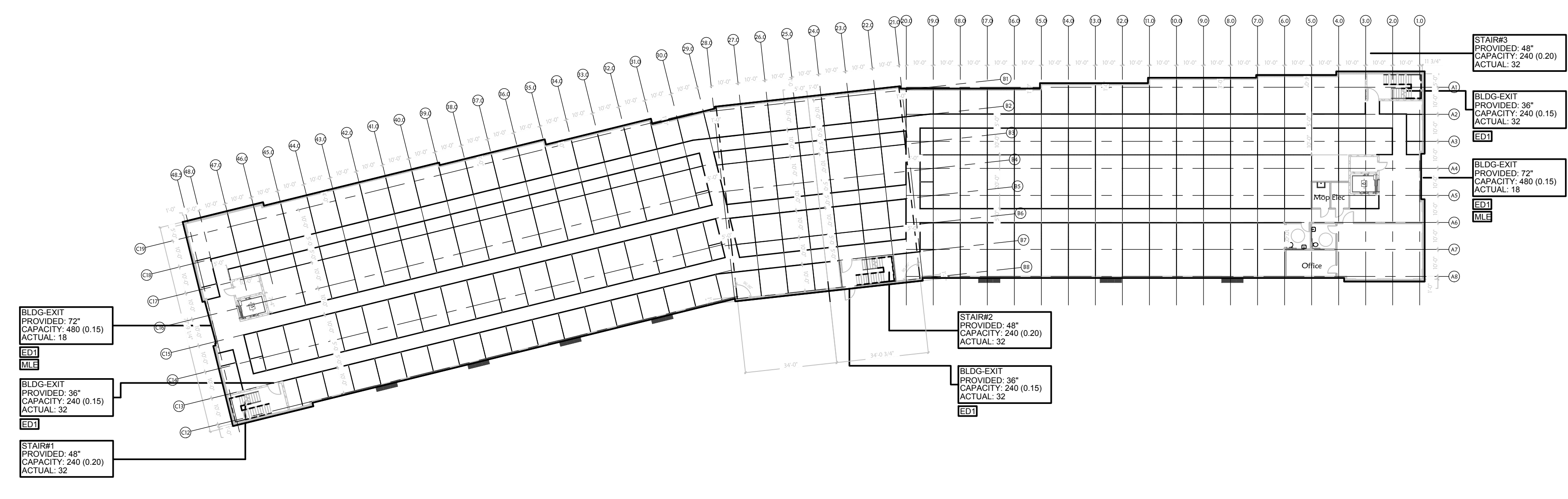
AG0002.2 - Floor Plan - 3rd Level - Life Safety Plan

Scale: 1"=30'



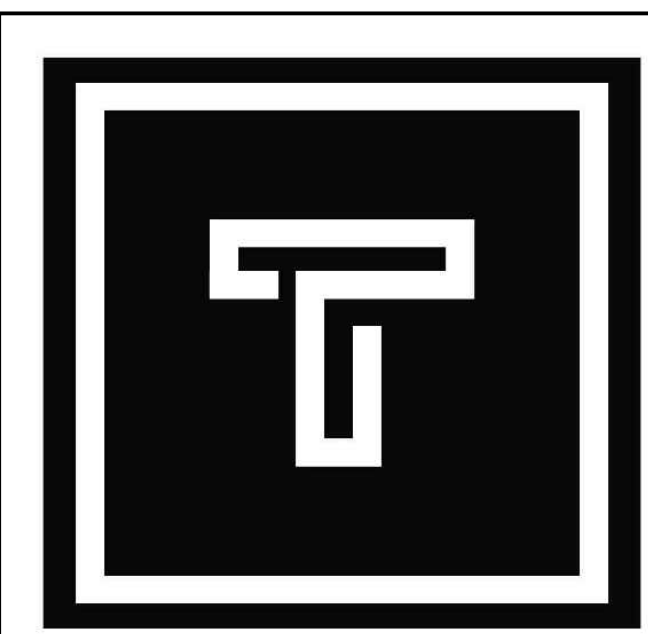
AG0002.1 - Floor Plan - 2nd Level - Life Safety Plan

Scale: 1"=30'



AG0002.0 - Floor Plan - Main Level - Life Safety Plan

Scale: 1"=30'



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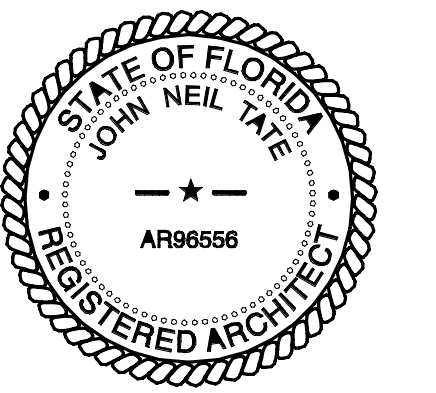
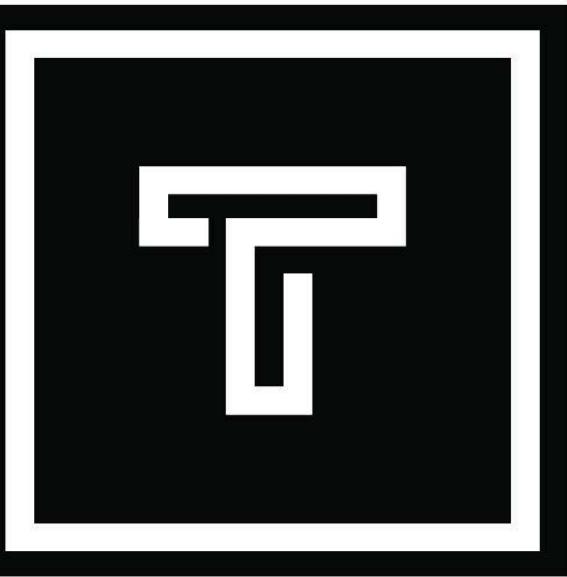
Commission: MSSI Design LLC, 8530 Cobb Center Drive, Kennesaw, GA - New Self Storage Facility, 45th Street, Palm Beach County - Mangonia Park, FL

Commission Number: 2021-26
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Revisions:

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Architectural - Life Safety Plan



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Palm Beach County - Mangonia Park, FL
Commission Number: 2021-26
Issue Date: 11.04.2022
Revisions:
sroa comments - 08.31.2023

Project Reference North

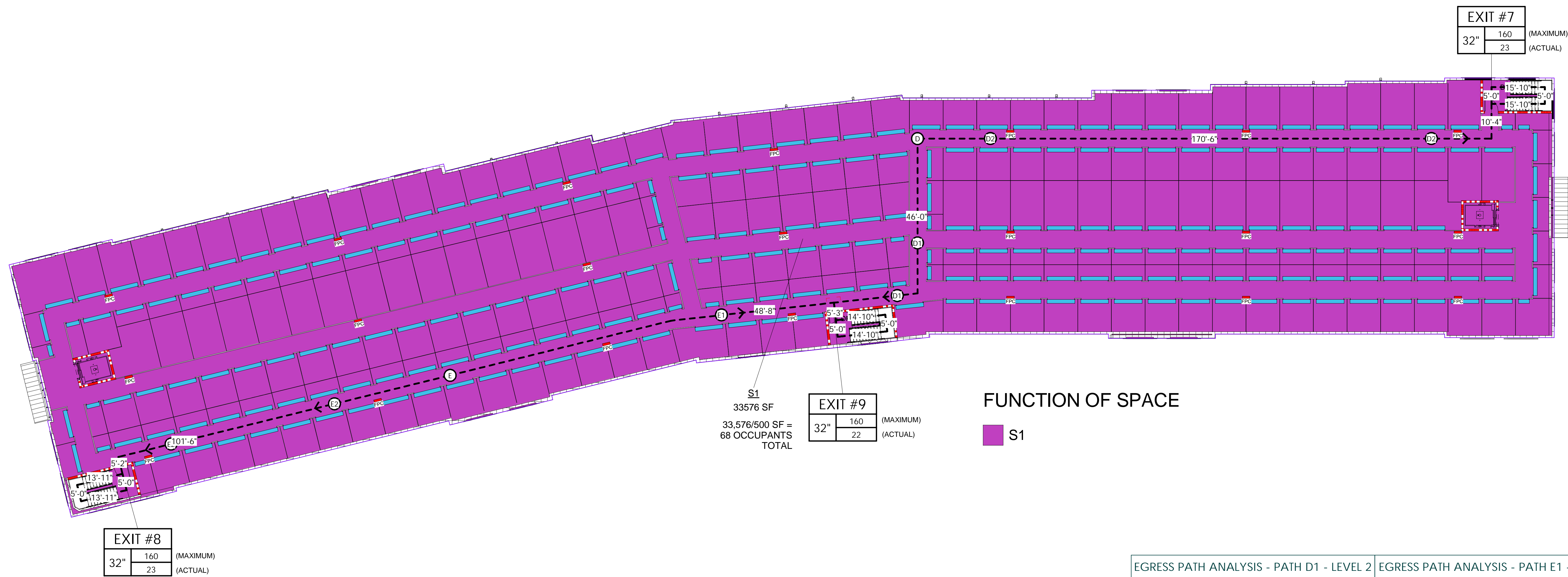
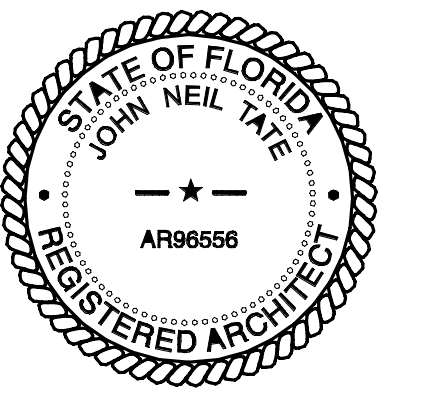
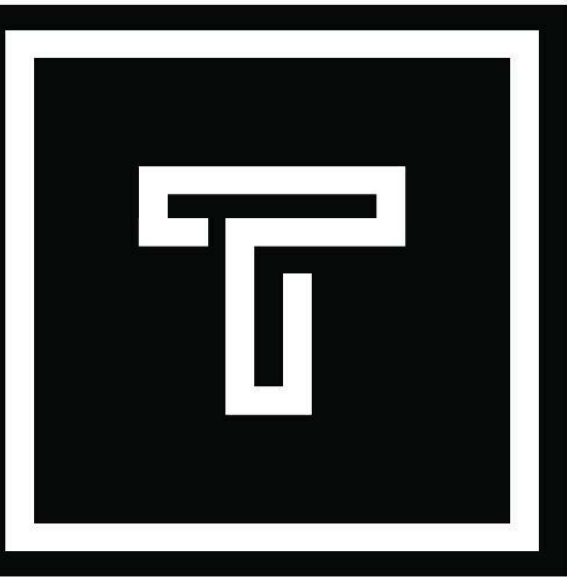
Architectural -
Ground Floor Life Safety Plan

AG002.0

Sheet No.



EGRESS PATH ANALYSIS - PATH A1 - LEVEL 1			EGRESS PATH ANALYSIS - PATH B1 - LEVEL 1			EGRESS PATH ANALYSIS - PATH C1 - LEVEL 1		
EGRESS PATH	MAX. DISTANCE	LENGTH	EGRESS PATH	MAX. DISTANCE	LENGTH	EGRESS PATH	MAX. DISTANCE	LENGTH
LEVEL 1 - PATH A1			LEVEL 1 - PATH B1			LEVEL 1 - PATH C1		
EXIT PATH	250'-0"	74'-3"	EXIT PATH	250'-0"	48'-6"	EXIT PATH	250'-0"	63'-5"
TOTAL EGRESS PATH LENGTH:	250'-0"	74'-3"	TOTAL EGRESS PATH LENGTH:	250'-0"	48'-6"	TOTAL EGRESS PATH LENGTH:	250'-0"	63'-5"
EGRESS PATH ANALYSIS - PATH A2 - LEVEL 1			EGRESS PATH ANALYSIS - PATH B2 - LEVEL 1					
EGRESS PATH	MAX. DISTANCE	LENGTH	EGRESS PATH	MAX. DISTANCE	LENGTH			
LEVEL 1 - PATH A2			LEVEL 1 - PATH B2					
EXIT PATH	250'-0"	194'-10"	EXIT PATH	250'-0"	200'-11"			
TOTAL EGRESS PATH LENGTH:	250'-0"	194'-10"	TOTAL EGRESS PATH LENGTH:	250'-0"	200'-11"			



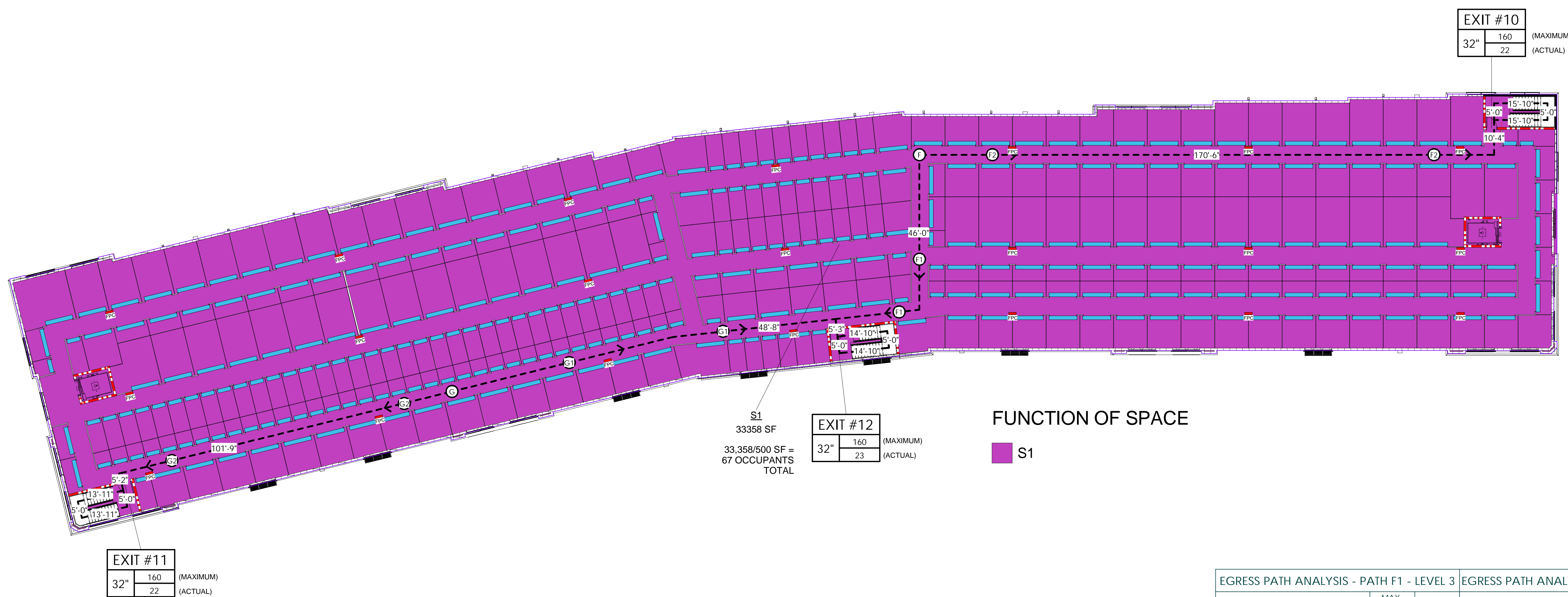
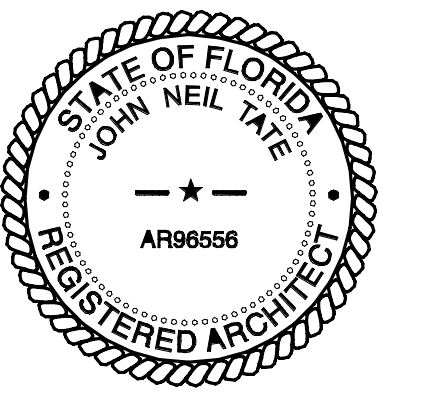
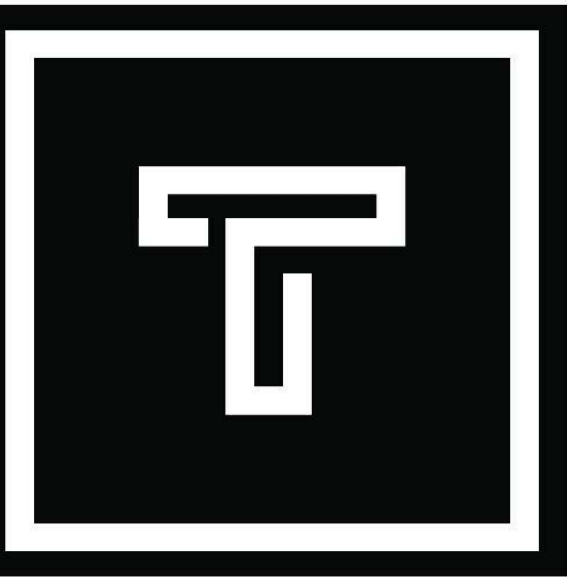
EGRESS PATH ANALYSIS - PATH D1 - LEVEL 2			EGRESS PATH ANALYSIS - PATH E1 - LEVEL 2		
EGRESS PATH	MAX. DISTANCE	LENGTH	EGRESS PATH	MAX. DISTANCE	LENGTH
LEVEL 2 - PATH D1			LEVEL 2 - PATH E1		
EXIT PATH	250'-0"	122'-3"	EXIT PATH	250'-0"	167'-7"
TOTAL EGRESS PATH LENGTH:	250'-0"	122'-3"	TOTAL EGRESS PATH LENGTH:	250'-0"	167'-7"
EGRESS PATH ANALYSIS - PATH D2 - LEVEL 2			EGRESS PATH ANALYSIS - PATH E2 - LEVEL 2		
EGRESS PATH	MAX. DISTANCE	LENGTH	EGRESS PATH	MAX. DISTANCE	LENGTH
LEVEL 2 - PATH D2			LEVEL 2 - PATH E2		
EXIT PATH	250'-0"	229'-7"	EXIT PATH	250'-0"	191'-5"
TOTAL EGRESS PATH LENGTH:	250'-0"	229'-7"	TOTAL EGRESS PATH LENGTH:	250'-0"	191'-5"

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 1. sroa comments - 08.31.2023

Project Reference North

Architectural -
 Second Floor Life
 Safety Plan



FUNCTION OF SPACE

S1

EGRESS PATH ANALYSIS - PATH F1 - LEVEL 3			EGRESS PATH ANALYSIS - PATH G1 - LEVEL 3		
EGRESS PATH	MAX. DISTANCE	LENGTH	EGRESS PATH	MAX. DISTANCE	LENGTH
LEVEL 3 - PATH F1			LEVEL 3 - PATH G1		
EXIT PATH	250'-0"	122'-3"	EXIT PATH	250'-0"	167'-4"
TOTAL EGRESS PATH LENGTH:	250'-0"	122'-3"	TOTAL EGRESS PATH LENGTH:	250'-0"	167'-4"
EGRESS PATH ANALYSIS - PATH F2 - LEVEL 3			EGRESS PATH ANALYSIS - PATH G2 - LEVEL 3		
EGRESS PATH	MAX. DISTANCE	LENGTH	EGRESS PATH	MAX. DISTANCE	LENGTH
LEVEL 3 - PATH F2			LEVEL 3 - PATH G2		
EXIT PATH	250'-0"	229'-7"	EXIT PATH	250'-0"	230'-7"
TOTAL EGRESS PATH LENGTH:	250'-0"	229'-7"	TOTAL EGRESS PATH LENGTH:	250'-0"	230'-7"

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Project Reference North

Architectural -
Third Floor Life Safety
Plan

AG002.2

Sheet No.

PERFORMANCE SPECIFICATIONS

Structural Drawings and as herein specified.
Design joists to withstand design loads with total load deflections no greater than the following:
Roof joists: Vertical Deflection of 1/240 of the span.
Refer to Structural Notes for more information. Submit shop drawings showing layout, mark, number, type, location, and spacing of joists. Include joining and anchorage details, bracing, bridging accessories, splice and connection locations and details; and attachments to other construction. Provide comprehensive engineering analysis signed and sealed by the qualified professional engineer responsible for its preparation.

SECTION 05300- METAL DECKING

This section includes all labor, materials and equipment necessary to complete all structural metal framing work shown on the drawings and specified herein. Also see separate specifications from Structural Engineer. The more restrictive requirement shall comply.
Comply with AISC Specifications for the Design of Cold-Formed Steel Structural Members, SDI Design Manual for Composite Decks, Forms Decks and Roof Decks, and AWS Code for procedures, appearance and quality of welds and for methods used in correcting welding work.
Submit shop drawings. Refer to structural drawings for deck types.

SECTION 05400- COLD-FORMED METAL FRAMING

This section includes all labor, materials and equipment necessary to complete all structural metal framing work shown on the drawings and specified herein. Also see separate specifications from Structural Engineer. The more restrictive requirement shall comply.
Comply with ASTM A611- Steel, Cold-Rolled Sheet, Carbon, Structural, AWCI Specifications Guide for Cold Formed Steel Structural Members, AWS D1.1 Structural Welding Code.
Size components to withstand design loads as required by code. Fabricate assemblies of framed sections of sizes and profiles required; with framing members fitted, reinforced, and braced to design requirements.
Provide engineering calculations and shop drawings showing layout, spacings, sizes, thicknesses and types of cold-formed metal framing; fabrication; and fastening and anchorage details, including metal fasteners. See Structural Notes for additional information.

SECTION 05500- METAL FABRICATION

Work included: This section includes all labor, materials and equipment necessary to complete all miscellaneous metal fabrication work shown on the drawings and specified herein. Types of work in this Section include metal fabrications for: Rough hardware, Loose steel lintels, Railings and stairs, Steel bollards, Elevator pit ladders and elevator door sills, Miscellaneous steel, grates, framing, supports, ornamental metals, and other items indicated on the drawings and not specified under other Sections of these Specifications. Verify data with structural drawings (typical). Comply with the following standards as pertinent:
-Steel plates, shapes, and bars: ASTM A36.
-Steel plates to be bent or cold-formed: ASTM A283, Grade C. -Steel tubing (hot-formed, welded, or seamless): ASTM A501.
-Steel bars and bar-size shapes: ASTM A306, Grade 65, or ASTM A36. -Cold-finished steel bars: ASTM A108.
-Cold-rolled carbon steel sheets: ASTM A336.
-Galvanized carbon steel sheets: ASTM A526, with G90 zinc coating in accordance with ASTM A525.
-Stainless steel sheets: AISI type 302 or 304, 24 gage, with number 4 finish.
-Gray iron castings: ASTM A48, Class 10.
-Malleable iron castings: ASTM A47.
-Steel pipe: ASTM A53, Grade A, Schedule 40, black finish unless galvanizing is indicated.
-Threaded or wedge type galvanized ferrous castings of malleable iron complying with ASTM A27.
-Provide required bolts, shims, and washers, hot-dip galvanized in accordance with ASTM A153.
-Aluminum- ASTM B221, ASTM B209. All fasteners at aluminum to be 300 series non-magnetic stainless steel, ASTM A307

Examine the areas and conditions under which work of this Section will be performed. Correct conditions detrimental to timely and proper completion of the work. Do not proceed until unsatisfactory conditions are corrected. Coordinate as required with other trades, to assure a proper and adequate provisions in the work of those trades for interface with the work of this section. Submit engineering calculations and shop drawings showing fabrication and installation details for metal fabrications. Include plans, elevations, sections, and details of metal fabrications and their connections.

SECTION 06100- ROUGH CARPENTRY

This section includes all labor, materials and equipment necessary to complete all rough carpentry work shown on the drawings and specified herein. Identify all lumber and plywood by grade stamp by an agency certified by the Board of Review of the American Lumber Standards Committee. Keep materials under cover and dry. Protect against exposure to weather and contact with damp or wet surfaces. Coordinate location of furring and nailers, blocking, grounds, and similar supports to allow attachment of other work.
Conform to U. S. Product Standard PS20-70 for Lumber. Conform to applicable requirements of U.S. Product Standard PS 1-74, for softwood/plywood construction. Provide dressed, kiln dried lumber, S4S, with 19 percent maximum moisture content at time of dressing and shipment for sizes 2" or less in nominal thickness unless otherwise indicated.

Where lumber or plywood is indicated as treated on the Drawings or is specified herein to be treated, comply with applicable requirements of AWPA Standards C2 for lumber and C9 for plywood, and of AWPB Standards listed below. Mark each treated item with AWPB Quality Mark Requirements. Where fire-retardant treated wood ("FRTW") is indicated, pressure impregnated lumber and plywood with fire-retardant chemicals to comply with AWWA C20 and C27, respectively, for treatment type indicated below; identify "FRTW" lumber with appropriate classification marking of Underwriters Laboratories, Inc., U. S. Testing, Timber Products Inspection or other testing and inspecting agency acceptable to authorities having jurisdiction.

SECTION 06200- FINISH CARPENTRY

This section includes all labor, materials and equipment necessary to complete all finish carpentry work shown on the drawings and specified herein.
Conform to Architectural Woodwork Institute (AWI) applicable requirements in AWI Quality Standards and Guide Specifications for custom woodwork. Conform to applicable requirements in National Electrical Manufacturer's Association (NEMA) Publication LD3, High Pressure Decorative Laminates for plastic laminate fabrication. Installer shall advise Contractor of temperature and humidity requirements for finish carpentry installation areas. Do not install finish carpentry until required temperature and relative humidity conditions have been stabilized and will be maintained in installation areas. Softwood for paint finish and concealed locations: Ponderosa Pine, Sugar Pine, or Northern White Pine, AWI Custom Grade. High pressure decorative laminates shall comply with National ElectricManufacturers Association (NEMA) publication LD3. See Drawings for Specifications. Install items in strict accordance with the drawings, and recommended methods of the manufacturer as approved by the Architect, anchoring firmly into position at prescribed locations, straight, plumb and level.

SECTION 07200- INSULATION

Work Included: This section includes all labor, materials and equipment necessary to complete all work shown on the drawings and specified herein. Comply with fire-resistance and flammability ratings as shown and specified; and comply with code interpretations by governing authorities. All insulation will comply with ASTM E84. Do not allow insulation materials to become wet, soiled or covered with ice or snow. Comply with manufacturer's recommendations for handling, storage and protection before and during installation. Comply with manufacturer's instructions for the particular conditions of installation in each case.
-Install insulation as noted on drawings.
-Perimeter insulation below grade in contact with earth: Closed cell extruded polystyrene foam, 185K value, meeting Fed. Spec. HH-152, Type II, Class B, thickness as shown on drawings.
-Mineral fiber blanket insulation: Unfaced glass or other inorganic fibers and resinous binders formed into flexible blankets, complying with ASTM C 665, thickness as shown on the drawings.
-Acoustical insulation: Unfaced fiberglass blankets, complying with ASTM C 665.
-Safing insulation: USF Thermafiber safing insulation as required to prevent passage of fire between systems.
-Adhesives: Mastic No. 11 (Dow Chemical) or Scotch Construction Adhesive (3M Company).
-Exposed conditions in ceiling plenums: Foil faced closed cell extruded polystyrene foam.
-Building envelope insulation to be labeled with R value.
-The continuous air barrier shall be wrapped, sealed, caulked, gasketed and/or taped in an approved manner, per manufacturer's instructions.
-All sources of air leakage in the building thermal envelope are sealed, caulked, gasketed, weather stripped or wrapped to minimize air leakage.

SECTION 075423 - THERMOPLASTIC POLYOLEFIN ROOFING (TPO)

Work Included: This section includes TPO Membrane Roofing System with insulation. Indicate interface with adjacent construction and tapered insulation setting plan on shop drawings. Perform Work in accordance with NRCA Roofing and Waterproofing Manual and manufacturer's recommendations and details. Perform Work in accordance with UL 790 (Underwriters Laboratories Inc.) Class A Fire Hazard Classification. Do not install membrane during inclement weather or when temperature may fall below 40 degrees F. Provide twenty year manufacturer's warranty including no dollar limit (NDL) coverage of materials and installation resulting from failure to resist penetration of moisture. Seaming materials: As recommended by membrane manufacturer.

PERFORMANCE SPECIFICATIONS

Provide all accessories as recommended by membrane manufacturer. Provide walk surface on protective mat to end and around mechanical equipment requiring regular maintenance. Confirm locations with mechanical contractor.
Acceptable Manufacturer - Roofing System: Firestone Building Products LLC, Carmel, IN: www.firestonebpc.com, Ultra Ply or approved equal.
Manufacturer of Insulation and Cover Boards: Same manufacturer as roof membrane.
System Description:
Roofing System: Thermoplastic olefin (TPO) single-ply membrane, color: White.
Membrane Attachment: Mechanically Fastened Per FLBC 2020 - HVHZ.
Warranty: Full system warranty; Firestone 20 year Red Shield Limited Warranty covering membrane, roof insulation, and membrane accessories.
Roofing System Components: Listed in order from the top of the roof down:
Membrane: 60MIL. MINIMUM.
Insulation: Polystyrene/urea foam board, non-composite; mechanically fastened.
Maximum Board Thickness: 3 inches; use as many layers as necessary; stagger joints in adjacent Two layers minimum / Staggered Joints.
Tapered: Slope as indicated; provide minimum R-value at thinnest point; place tapered layer on bottom. Crickets: Tapered insulation of same type as specified for top layer; slope as indicated, Minimum Two (2) Times Standard Roof Slope.
SECTION 07600- FLASHING AND SHEET METAL
This section includes all labor, materials and equipment necessary to complete all flashing and sheet metal work shown on the drawings and specified herein. Coordinate work of this section with interfacing and adjoining work for proper sequencing of each installation. Ensure best possible weather resistance and durability of work and protection of materials and finishes. Provide other materials, not specifically described but required for a complete and proper installation, as selected by the Contractor subject to approval of the Architect.
-Prefinished: Color as selected by the Architect. Profiles and thickness as shown on the drawings.
-Soldier: For use with steel or copper, provide 50/50 tin/lead solder (ASTM B32) with rosin flux.
-Fasteners: Same metal as flashing/sheet metal or, other non-corrosive metal as recommended by sheet manufacturer. Match finish of exposed heads with material being fastened.
-Metal accessories: Provide steel metal clips, straps, anchoring devices and similar accessory units as required for installation of work, matching or compatible with material being installed, noncorrosive, size and gage required for performance.
-Bituminous Paint: Asphalt emulsion, ASTM D1187, Type A.
-Sealant: One-part butyl rubber sealant; FS TT-S-001657, Type I.

SECTION 07900- JOINT SEALERS

This section includes all labor, materials and equipment necessary to complete all joint sealer work shown on the drawings and specified herein.
Provide joint sealers at locations where dissimilar materials meet on the exterior and other locations where liquid infiltration or sanitary requirements apply or as required by product manufacturers or by industry standards. Provide joint sealers, joint fillers and other related materials that are compatible with one another and with joint substrates under conditions of service and application, as demonstrated by testing and field experience. Provide color of exposed joint sealers indicated or, if not otherwise indicated, as selected by Architect from manufacturer's full range of available colors. Note: not custom color. Provide sealant backings of materials and type which are non-staining; are compatible with joint substrates, sealants, primers and other joint fillers; and are approved for applications indicated bysealant manufacturer based on field experience and laboratory testing.

SECTION 08520- ALUMINUM WINDOWS AND ENTRANCES

This section includes all labor, materials and equipment necessary to complete all aluminum window work shown on the drawings and specified therein.
-See drawings for window system specifications.
Verify wall openings and adjoining air and vapor seal materials are ready to receive work of this Section. Install window frames, glass and glazing in accordance with manufacturer's instructions.
-Windows shall be rated in accordance with NFRC standards.
-Factory built fenestration and doors to be labeled as meeting Air Leakage Requirements.
-Fenestration products are to be certified as to performance labels or certificates provided.
ALUMINUM WINDOWS AND ENTRANCES
SHALL MEET AND OR EXCEED ALL FLORIDA REGULATORY AUTHORITY

SECTION 08700- FINISH HARDWARE

This section includes finish hardware for doors as specified and as listed in "Hardware Groups" and required by actual conditions. See drawings for manufacturer, finishes and groups. Include screws, special screws, nuts, special bolts, expansion shields, and other devices for proper application of hardware. Provide items, articles, materials, operations and methods listed, mentioned or scheduled herein or on drawings, in quantities as required to complete project. Provide hardware that functions properly. Prior to furnishing hardware, advise Architect of items that will not operate properly, are improper for conditions, or will not remain permanently anchored.
Hardware Schedule: Submit hardware schedule for purpose of preliminary review and acceptance. Hardware schedule shall clearly indicate manufacturer of each item proposed. List shall contain hardware item, base metal, finish, and type number. Provide samples if requested. Digital submittals preferred.

SECTION 08800- GLAZING

This section includes all labor, materials and equipment necessary to complete all glazing work shown on the drawings and specified herein. Comply with recommendations of Flat Glass Marketing Association (FGMA) Glazing Manual and Sealant Manual except where more stringent requirements are indicated.
-Where safety glass is indicated or required by authorities having jurisdiction, provide type of products indicated which comply with ANSI Z97.1 and testing requirements of 16 CFR Part 1201 for category II materials.
-Provide primary glass which complies with ASTM C 1038 requirements, including those indicated by reference to type, class, quality, and, if applicable, form, finish, mesh and pattern.
-Provide heat-treated glass which complies with ASTM C 1048 requirements, including those indicated by reference to kind, condition, type, quality, class, and if applicable, form finish and pattern. Comply with combined printed recommendations of glass manufacturers, of manufacturers of sealants, gaskets and other glazing materials, except where more stringent requirements are indicated, including those of referenced glazing standards. Remove and replace glass which is broken, chipped, cracked, abraded or damaged in other ways during construction period, including natural causes, accidents and vandalism.
GLAZING
SHALL MEET AND OR EXCEED ALL FLORIDA REGULATORY AUTHORITY

SECTION 09250- GYPSUM BOARD

This section includes all labor, materials and equipment necessary to complete all gypsum board work shown on the drawings and specified herein. Comply with applicable requirements of GA-216, Application and Finishing of Gypsum Board by the Gypsum Association, except where more detailed or more stringent requirements are indicated including manufacturer's recommendations.
Gypsum wallboard: Regular type with tapered long edges, ASTM C36; Densguard, Interior Guard board base for ceramic tile. Use water-resistant joint compound and treat joints and fasteners to comply with directions of water-resistant joint compound manufacturer. Fire-resistance ratings: Where gypsum drywall systems with fire-resistance ratings are indicated, provide materials and installations which are identical with those of applicable assemblies tested per ASTM E 119 by fire testing laboratory acceptable to authorities having jurisdiction.
DENGLASS FIBERGLASS-MAT FACED GYPSUM SHEATHING; DENSGLOSS SHEATHING. MATERIALS
A. FIBERGLASS-MAT FACED GYPSUM SHEATHING: ASTM C1177; THICKNESS: 1/2 INCH. PROJECT NAME/NUMBER/DATE 06 16 43-4 GYPSUM SHEATHING
1. WIDTH: 4 FEET. LENGTH: [8 FEET] [9 FEET] [10 FEET].
2. WEIGHT: 1.9 LB/SQ. FT. EDGES: SQUARE.
3. SURFACING: FIBERGLASS MAT ON FACE, BACK, AND LONG EDGES.
4. RACKING STRENGTH (ULTIMATE, NOT DESIGN VALUE) (ASTM E72): NOT LESS THAN 540 POUNDS PER SQUARE FOOT, DRY.
5. FLEXURAL STRENGTH, PARALLEL (ASTM C473): 80 LBF, PARALLEL.
6. HUMIDIFIED DEFLECTION (ASTM C1177): NOT MORE THAN 2/8 INCH.
7. PERMEANCE (ASTM E99): NOT LESS THAN 23 PERMS.
8. R-VALUE (ASTM C518): 0.56.
9. MOLD RESISTANCE (ASTM D3273): 10, IN A TEST AS MANUFACTURED.
10. MICROBIAL RESISTANCE (ASTM D6329, UL ENVIRONMENTAL GREENGUARD 3-WEEK PROTOCOL): WILL NOT SUPPORT MICROBIAL GROWTH.
11. ACCEPTABLE PRODUCTS: 1/2 INCH DENSGLOSS SHEATHING, GEORGIA-PACIFIC GYPSUM LLC INSTALLATION:
a. GENERAL: IN ACCORDANCE WITH GA-253, ASTM C1280 AND THE MANUFACTURER'S ATTACHMENT - HIGH VELOCITY HURRICANE ZONE (HVHZ);
a. $\frac{5}{8}$ " THICKNESS - 1" FASTNER @ 0'-8" O.C. ALONG FRAMING
b. $\frac{3}{4}$ " THICKNESS - 1-1/4" FASTNER @ 0'-8" O.C. ALONG FRAMING.

PERFORMANCE SPECIFICATIONS

SECTION 09900- PAINTING

This Section includes all labor, materials, and equipment necessary to complete all painting work shown on the drawings and specified herein including interior and exterior exposed items and surfaces except as otherwise indicated. "Paint" as used herein means all coating systems, materials, including primers, emulsions, enamels, stains, sealers and fillers, and other applied materials whether used as prime, intermediate or finish coats. Paint all exposed surfaces whether or not colors as designated in "Schedules", except where the natural finish of the material is specifically noted as a surface not to be painted. Where items or surfaces are not specifically mentioned, paint these the same as adjacent similar materials or areas. Do not paint over any code-required labels.
WHERE PROPOSED SYSTEM OR PRODUCTS ARE DIFFERENT MANUFACTURER THAN THE SPECIFIED SYSTEMS OR PRODUCTS, ATTACH TECHNICAL PRODUCT DATA DEMONSTRATING EQUIVALENCE OF EACH PROPOSED PRODUCT. IDENTIFY THE SPECIFIED PRODUCT BEING COMPARED ON EACH PROPOSED PRODUCT DATA SHEET.
Thoroughly examine surfaces scheduled to be painted prior to commencement of work. Report in writing to Architect any condition that may potentially affect proper application. Do not commence until such defects have been corrected. Correct defects and deficiencies in surfaces which may adversely affect work of this Section. Prepare all previously painted surfaces for painting by methods recommended by the paint manufacturer or by standard trade practices. It is intended that refinished existing work be of same quality as new work.
SECTION 10200- LOUVERS AND VENTS
This section includes all labor, materials and equipment necessary to complete all louvers and vent work shown on the drawings and specified herein. Field measure prior to preparation of shop drawings and fabrication to ensure proper fitting of work. Install in accordance with manufacturers recommendations in a neat, plumb, level and rigid manner.

SECTION 10430- SIGNS

This section includes all labor, materials and equipment necessary to complete all exterior sign work shown on the drawings and specified herein.
Aluminum sheet: Alloy and temper recommended type of use and finish indicated, and with the strength and durability properties specified in ASTM B209 for 5005-H15. Handicap parking signs: Painted aluminum sheet on steel posts as detailed on the drawings complying with the requirements of the Americans with Disabilities Act Guidelines, blue color. Locate sign units and accessories where shown or scheduled, using mounting methods of the type described and in compliance with the manufacturers instructions.
Provide individually internally lit exterior signs per drawings. Owner to provide Contractor with original artwork for sign manufacturer:
GENERAL
1) 12"x12" general building I.D. signs: Plaques.
2) 2"x4" unit I.D. signs: Plaques.
3) Overhead clearance signs: Plaques.
4) Exterior door identification sign: vinyl lettering.
5) Interior branding and playbook signage.

NORTH ELEVATION

1. See Elevations

WEST ELEVATION

1. See Elevations

SOUTH ELEVATION

1. See Elevations

EAST ELEVATION

1. See Elevations

SECTION 14240 - MRL ELEVATORS

ELEVATOR SYSTEM AND COMPONENTS

A. Hydraulic Passenger Elevators

1. Machine room less, 4500 LB Capacity, 125 fpm rated speed
2. Selective collective automatic operation
3. Basis of design: Shindler 3300 (MRL SERIES), 54" door opening - front side only.
4. Where alternate manufacturers are proposed, the Contractor shall coordinate **ANY AND ALL** requirements to accommodate the alternate product such that any shaft construction or sizing requirements, mechanical, electrical and low-voltage requirements, and any constructability/detailing requirements are reflected in the related bids.

5. ELEV 1 dimensions

A. Cab height: 9'-9"

B. Door height: 8'-0"

6. ELEV 2 dimensions

A. Cab height: 9'-9"

B. Door height: 8'-0"

7. For additional dimensions see elevator enlarged plans.

B. Elevator Finish Summary;

1. Flooring: PATCRAFT - PASEO MODULAR - OBSIDIAN - #00500
 2. Walls: .080 diamond plate walls up to 48" aft on front returns, sills and side walls
- Provide flame resistant wall carpet from 48" AFF to cab ceiling;
- Architectural Solutions, Cross point acoustical wall fabric - Color: #502 Flint
3. Handrails: Provide handrails on 3 sides Stainless Steel 1 1/2" Diameter round handrail
 4. Control Panel Wall: Stainless Steel
 5. Ceiling: Enameled steel sheet with factory applied enamel finish, black in color.
 6. Elevator Doors: Stainless Steel

WORK FOR ELEVATOR - NOT INCLUDED BY ELEVATOR SUPPLIER

- A. To complete this installation, the following items must be performed or furnished by other than the elevator contractor in accordance with governing codes:
 1. A properly framed and enclosed legal hoistway, including venting and governor access as required by the governing code or authority.
 2. Suitable machine room with legal access and ventilation, with a concrete floor. Temperature in machine room to be maintained between 60o F. and 80o F.
 3. Adequate rail bracket supports, bracket spacing as required by governing code. Separator beams where required.
 4. Dry pit reinforced to sustain normal vertical forces from cylinder and rails, and impact loads from buffer engagement and safety setting forces through rails.
 5. Adequate support for sill angles across full width of hoistway at each landing. Vertical surfaces of entrance sill supports to be plumb, one above the other, and square with the hoistway. Finished floor and grot, if required, between door frames and sill line.
 6. Hoistway walls are to be designed and constructed in accordance with the required fire rating including where penetrated by elevator fixture boxes and to include adequate fastening to hoistway entrance assemblies. Front entrance walls are not to be constructed until after door frames and sills are in place.
 7. Any cutting, including cutouts to accommodate hall signal fixtures, patching and painting of walls, floors or partition is together with finish painting of entrance doors and frames.
 8. Mechanical requirement as follows:
 - a. Machine room venting.
 9. Electrical requirement as follows:
 - a. All electric power for lights, tools, hoists, etc. during erection as well as electric current for starting, testing and adjusting the elevator.
 - b. A fused disconnect switch for each elevator per the National Electrical Code with feeder or branch wiring to controller. Size to suit elevator contractor.
 - c. A 120 volt, AC, 20 amp, single phase power supply with fused SPST disconnect switch for each elevator, with feeder wiring to each controller for car lights.
 - d. Suitable light and convenience outlets in machine room with light switches located within 18 inches of lock jamb side of machine room door.
 - e. A convenience outlet and light fixture in the pit with the switch located adjacent to the access door.
 10. Telephone instrument or means within the car for communicating or signaling to an accessible point outside the hoistway or central exchange system or approved emergency service, unless stated elsewhere in the Specifications.
 11. Guarding and protecting the hoistway during construction:
 - a. The protection of the hoistway will include solid panels surrounding each hoistway opening at each floor, a minimum of 48 inches high.
 - b. Hoistway guards to be erected, maintained and removed by others.

QUALITY ASSURANCE

- All work will be performed in accordance with the latest revised edition of the American National Standard Safety Code for Elevators, Dumbwaiters, Escalators and Moving Walks (ANSI A17), the National Electrical Code and/or such State and local codes as may be applicable.

- Shop Drawings: The elevator contractor will prepare drawings showing the general arrangement of the elevator equipment and cab. These drawings will be approved and the hoistway size guaranteed before proceeding with fabrication and installation of the elevator.

PERFORMANCE SPECIFICATIONS

STORAGE UNIT REQUIREMENTS

Interior storage units shall include the following:
1) Metal, coiling unit doors, with latch/hat: glossy white finish, 7'-0"H.
2) Metal Hallway panel, 20 gage smooth profile; glossy white finish 8'-4" (7'-0" H plus 1'-4" H header panel).
3) Metal unit liner panel 7/8" corrugated.
A. At units with concrete or metal panel walls, liner panel is not required.
B. At units with gypsum board walls, liner panel is required over such walls.
4) Include preformed piers, headers and closure trims as required.
5) Not used.
6) Hat channel burglar bar at hallway side of units. Finish: Glossy white.
7) Interior faux display doors: 3'x7" with white metal header and jamb trim; finish: Safety Yellow
8) Diamond checker plate base, wainscot and corner trim. (Clipped corner detail).
9) Unit latches: Slide-bolt type for padlock or cylinder or others: YZ finish.

Swing door curtain

1. 26ga grade 80 steel
2. Finish: over 20 standard colors; super durable polyester paint
3. Lock, janus zinc mds mini latch
4. Door siles, top & bottom cap 20ga galvalume
5. Door siles are manufactured using a box design for added strength and rigidity
6. Latch side door style is a one piece manufactured component with a continuous striker plate as part of the design for added security
7. X bracing 1" x 1" 20ga galvanized square tubing keeps door from flexing, eliminating sharp edges.
8. 2 button hinges—non-removable pin—per door (screws only; no pop rivets)

DESIGN / BUILD | GC BIDDING

1. DESIGN BUILDER / GC SHALL BE RESPONSIBLE FOR BIDDING ENTIRE SETS OF DIVISIONS / DISCIPLINES.
2. A/E SETS SHALL NOT BE CONSIDERED FINAL - CONSTRUCTION DOCUMENTS UNTIL APPROVED BY AHJ AND RECEIPT OF PERMIT(S).

INTERIOR STAIR NOTES | CRITERIA

1. METAL PAN STAIR SYSTEM WITH DIAMOND PLATE TREADS AND PIPE HANDRAILS.
2. DESIGN OF STAIR SUPPORTS AND LANDINGS FINAL BY STAIR FABRICATOR.
3. RISER HEIGHT 0-7" MAXIMUM
TREAD DEPTH 0-11" MINIMUM
AT ALL STAIR LOCATIONS.
4. SEE DETAILS ON AG008 FOR LANDING AND GUARD/ HANDRAIL DETAILS

GENERAL FLOOR FINISH NOTES

1. OWNER FURNISHED EQUIPMENT SUPPLIERS ARE TO COORDINATE FINAL LOCATION OF EQUIPMENT AND INSTALLATION WITH THE OWNER.
2. ELECTRICAL CONTRACTOR & CABLE CONTRACTOR ARE RESPONSIBLE FOR REPAIRING ANY DAMAGE CAUSED TO WALLS, FINISHES, CEILING'S ETC. IN THE COURSE OF THEIR CONSTRUCTION. IF CONTRACTORS BEGIN WORK IN AN AREA WITH EXISTING DAMAGE THEY ARE TO IMMEDIATELY NOTIFY THE OWNER OR ASSUME RESPONSIBILITY OF SUCH DAMAGE.
3. HATCH INDICATES BEARING WALL - SEE STRUCT.
4. SEE A400 FOR FINISH LEGEND AND INTERIOR PAINT FINISH SCHEDULE.
5. SEE ELECTRICAL DRAWINGS FOR LIGHTING LAYOUT.
6. BUILDING PERIMETER DRAIN TILE AT BOTTOM OF FOOTING ELEVATION.

GENERAL PROJECT NOTES

1. OWNER FURNISHED EQUIPMENT SUPPLIERS ARE TO COORDINATE FINAL LOCATION OF EQUIPMENT AND INSTALLATION WITH THE OWNER.
 2. ELECTRICAL CONTRACTOR & CABLE CONTRACTOR ARE RESPONSIBLE FOR REPAIRING ANY DAMAGE CAUSED TO WALL'S, FINISHES, CEILING'S ETC. IN THE COURSE OF THEIR CONSTRUCTION. IF CONTRACTORS BEGIN WORK IN AN AREA WITH EXISTING DAMAGE THEY ARE TO IMMEDIATELY NOTIFY THE OWNER OR ASSUME RESPONSIBILITY OF SUCH DAMAGE.
 3. HATCH INDICATES BEARING WALL - SEE STRUCT.
 4. SEE A400 FOR FINISH LEGEND AND INTERIOR PAINT FINISH SCHEDULE
 5. SEE ELECTRICAL DRAWINGS FOR LIGHTING LAYOUT
 6. OUTSIDE CORNERS IN CUSTOMER AREAS, THROUGHOUT BUILDING, TO HAVE 48" HIGH 14 GAUGE DIAMOND PLATE METAL CORNER GUARD WRAPPED 6" EACH SIDE, TYP
 7. EXPOSED INTERIOR CMU OR GYP WALLS TO BE PAINTED TO DECK, TYP ALL FLOORS.
 8. The exit signs and emergency lights shall be on the same circuit as the area feeding the lighting for that area.
- 2020 NFPA 70, section 700.12F (2) (3). The branch circuit feeding the unit equipment shall be on the branch circuit as that serving the normal lighting in the area and connected ahead of any local switches.
9. The fire sprinkler riser room shall be heated so the temperature does not get below 40 degrees (F).
Please see code section
below, please indicate on the plans how this will be accomplished.
NFPA 13 16.4.1 Protection of Piping Against Freezing.
16.4.1.1* Where any portion of a system is subject to freezing and the temperatures cannot be reliably maintained at or above 40 Degrees (F) - 4 Degrees (C), the system shall be installed as a dry pipe or preaction system.
16.4.1.1.1 The requirements of 16.4.1.1 shall not apply where alternative methods of freeze prevention are provided in accordance with one of the methods described in 16.4.1.2 through 16.4.1.4.1.

EMERGENCY RESPONDER RADIO COVERAGE REQUIREMENTS

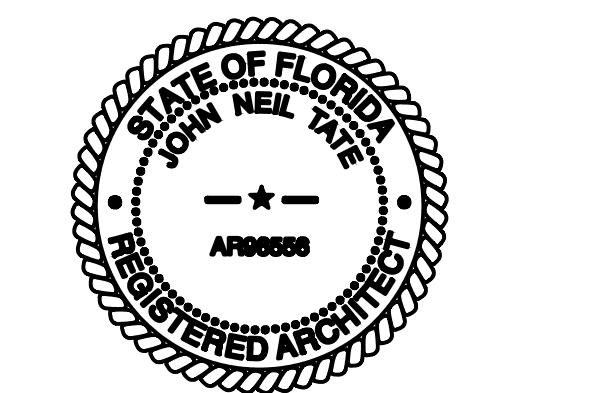
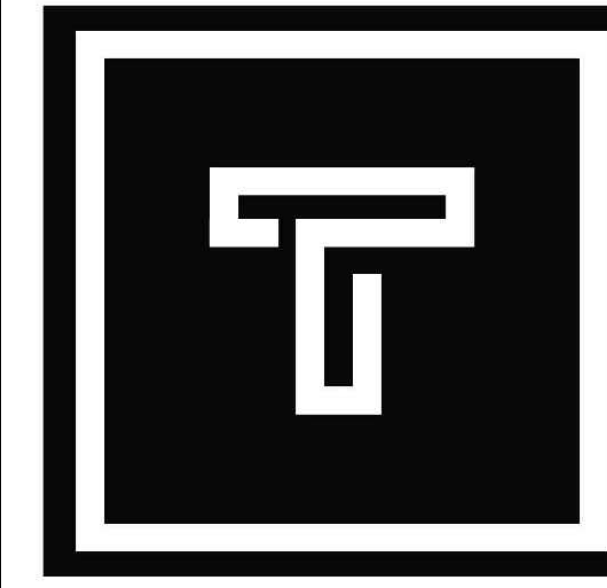
1. ALL BUILDINGS OVER TWO STORIES IN HEIGHT OR MORE THAN 12,000 SQUARE FEET ARE REQUIRED TO COMPLY WITH THE 2018 IFC SECTION 510, EMERGENCY RESPONDER RADIO COVERAGE.
ADDITIONAL REQUIREMENTS MAY APPLY.
2. IF THERE IS NOT PROPER RADIO COVERAGE FROM THE INSIDE OF THE BUILDING, OWNER WILL BE REQUIRED TO INSTALL DAS FOR COMPLIANCE WITH THIS CODE.
3. THE CODE IS AVAILABLE UNDER THE 2018 IFC SECTION 510, EMERGENCY RESPONDER RADIO COVERAGE.

FLORIDA PRODUCT APPROVAL

1. PER 2022 FLORIDA BUILDING CODE, BUILDING 7TH EDITION CHAPTER 1 SCOPE AND ADMINISTRATION - [A] 101.1 TITLE & [A] 101.2 SCOPE.
2. AS REQUIRED BY LOCAL MUNICIPALITY, AHJ.
3. PRODUCTS REQUIRING FLORIDA PRODUCT APPROVAL
 - A. EXTERIOR DOORS
 - B. WINDOWS
 - C. PANEL WALLS
 - D. ROOFING PRODUCTS
 - E. SHUTTERS
 - F. SKYLIGHTS
 - G. STRUCTURAL COMPONENTS
 - H. SYSTEMS FOR IMPACT PROTECTION

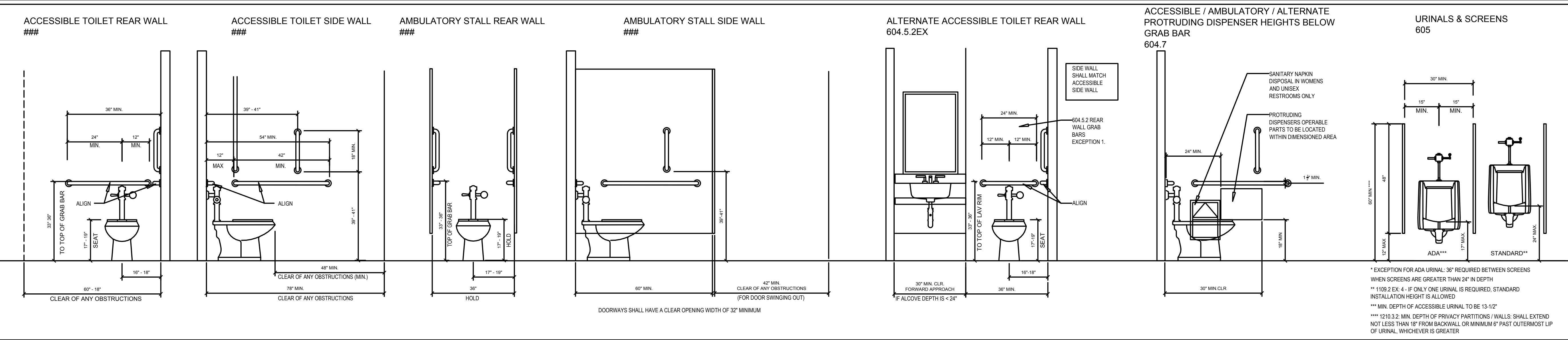
BUILDING ENVELOPE

1. THE PROFESSIONAL ENGINEER IN CHARGE OF THE BUILDING ENVELOPE DESIGN SHALL BE REQUIRED TO REVIEW AND APPROVE ALL EXTERIOR COMPONENTS INCLUDING BUT NOT LIMITED TO:
 - A. WALL VENEER SYSTEMS
 - B. WALL STORE FRONT SYSTEMS, INCLUDING GLASS
 - C. EXTERIOR ROOF SYSTEMS
 - D. EXTERIOR DOOR SYSTEMS



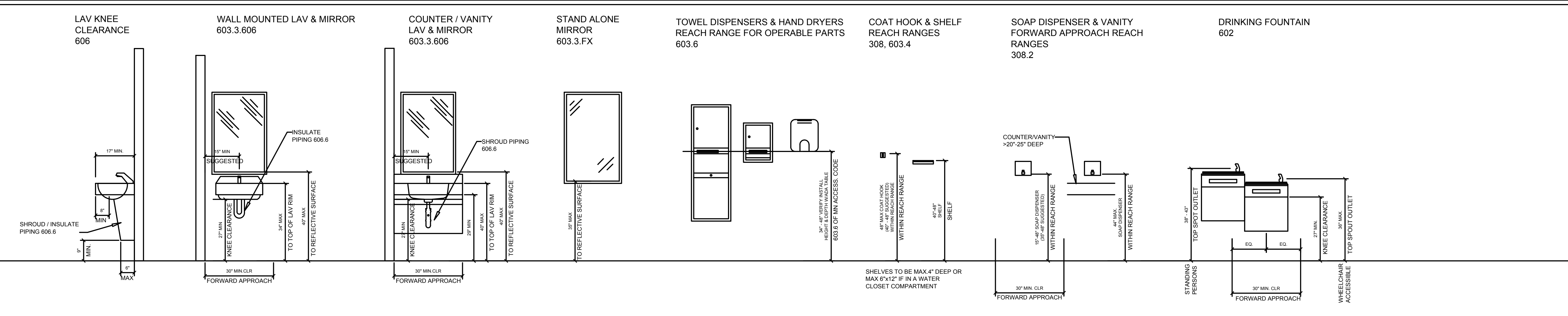
TYPICAL FIXTURE MOUNTING HEIGHTS & LOCATIONS

NOTE: DIMENSIONS SHOWN ARE TO FINISHED SURFACE (I.E. FACE OF TILE)
NOTE: ALL DIMENSION RANGES REPRESENT THE MINIMUM & MAXIMUM UNLESS SPECIFIED OTHERWISE (I.E. 36"-48")



TYPICAL FIXTURE MOUNTING HEIGHTS & LOCATIONS

NOTE: DIMENSIONS SHOWN ARE TO FINISHED SURFACE (I.E. FACE OF TILE)
NOTE: ALL DIMENSION RANGES REPRESENT THE MINIMUM & MAXIMUM UNLESS SPECIFIED OTHERWISE (I.E. 36"-48")



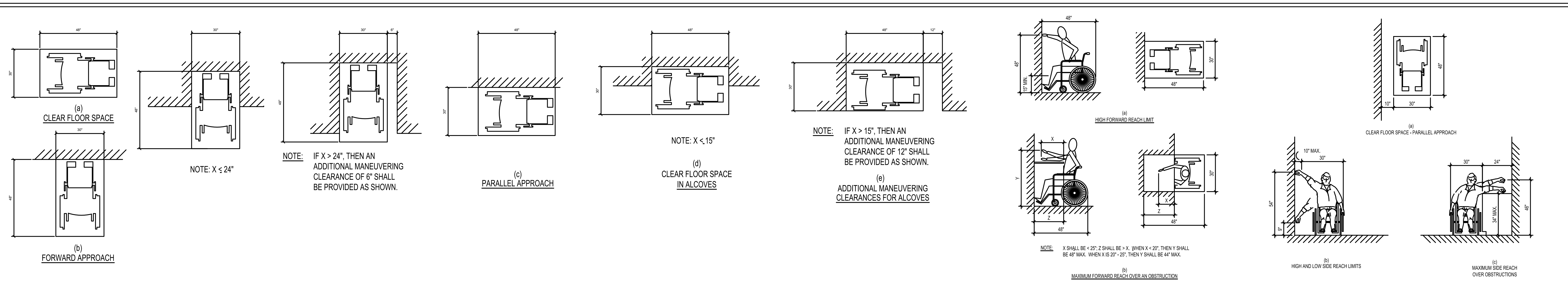
GENERAL WALL FINISH NOTES

1. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR VERIFYING LEAD TIMES OF ALL MATERIALS SO THAT MATERIALS ARE ON SITE WHEN SCHEDULED FOR INSTALLATION.
2. FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO THE INSTALLATION OF MATERIALS. NOTIFY THE ARCHITECT IF ANY CONFLICTS OR DISCREPANCIES OCCUR BEFORE AND/OR DURING CONSTRUCTION.
3. ALL SURFACES SHALL BE PROPERLY PREPARED PRIOR TO THE INSTALLATION OF WALL FINISHES.
4. SUB-CONTRACTOR TAKES FULL RESPONSIBILITY FOR WALL CONDITION UPON INSTALLATION OF WALL MATERIAL.
5. INSTALL ALL INTERIOR WALL FINISHES IN STRICT ACCORDANCE WITH EACH MANUFACTURER'S SPECIFICATIONS.
6. ALL WORK BY OTHERS TO BE ADEQUATELY PROTECTED AGAINST DAMAGE FROM PAINTING &/OR APPLICATION OF VARIOUS ADHESIVES USED TO INSTALL WALLCOVERINGS. UPON COMPLETION OF JOB, ALL OTHER WORK SHALL BE FREE OF DAUBS, SPOTS & SPATTERS OF PAINT &/OR ADHESIVES.
7. SUBMIT DRAW-DOWNS AND SAMPLES OF ALL MATERIALS TO ARCHITECT FOR APPROVAL PRIOR TO MATERIAL INSTALLATION.
8. PAINT MISCELLANEOUS ITEMS (GRILLS, REGISTERS, ACCESS PANELS, ETC.) TO MATCH THE SURFACE ON WHICH THEY OCCUR, UNLESS NOTED OTHERWISE.
9. PAINT EXTERIOR SURFACES OF THE FIRE EXTINGUISHER CABINETS TO MATCH THE WALL SURFACE ON WHICH THEY OCCUR, UNLESS NOTED OTHERWISE.
10. WRAP UNDERSIDE OF HEADERS IN ADJACENT WALLCOVERING OR FINISH, U.N.O. FINISH SOFFITS ABOVE UPPER CABINETS THE SAME AS WALL FINISH BELOW, U.N.O.
11. ALL INTERIOR DOOR FRAMES TO BE PAINTED P-2 U.N.O.
12. ALL ADHESIVES USED THROUGHOUT TOTAL SCOPE OF PROJECT TO BE LOW V.O.C.
13. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION ON LIGHTING FIXTURES
14. PRODUCTS ARE BOBRICK U.N.O. (ASI PRODUCTS ARE AMERICAN SPECIALTIES INC)
15. MOUNTING HEIGHTS OF ALL MECHANISMS TO COMPLY WITH ICC/ANSI A117.1-2003 SECTION 309, UNLESS NOTED OTHERWISE
16. TOILET PARTITIONS - FLUSH METAL PARTITION, FLUSHING CEILING COUNTER/VANITY MOUNTED, COLOR: STAINLESS STEEL

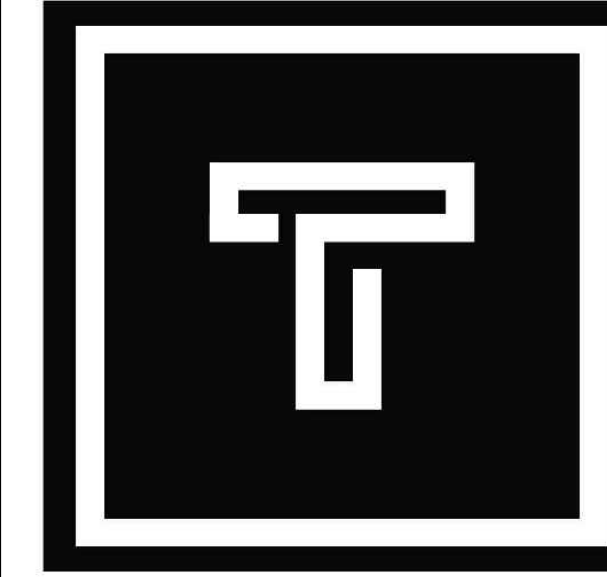
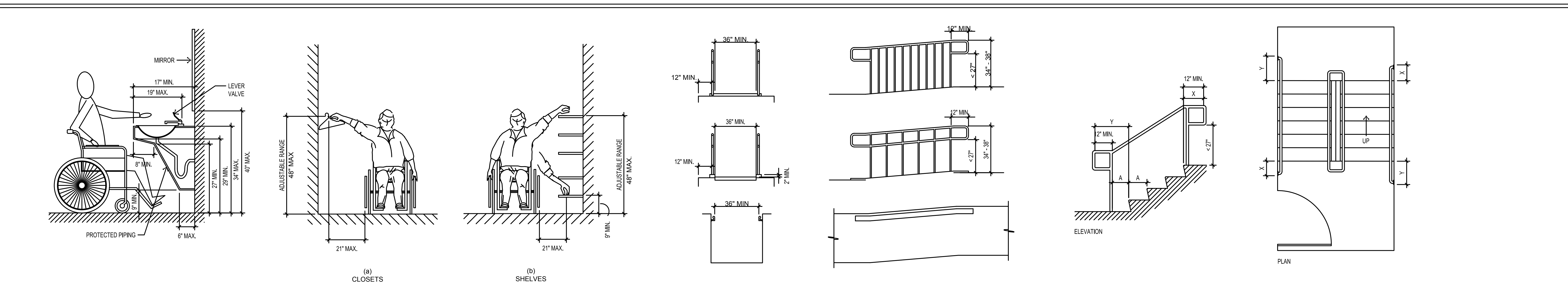
RESTROOM ACCESSORY SCHEDULE

TAG	PRODUCT
D1	RECESSED 57 OZ. SOAP DISPENSER: ASI #0326 (9" x 4 7/8" x 4")
F1	RECESSED SANITARY NAPKIN DISPOSAL: ASI #0473 (11 1/4" X 15 3/4" X 4)
L	RECESSED DUAL ROLL TOILET PAPER DISPENSER: ASWI #0032 (6-1/4" X 12-1/4" X 3-3/8")
Q2	CHANNEL FRAME MIRROR: ASI #0600; SIZE: 24"X 36" H.
T	GRAB BARS WITH NON-SLIP PEENED SURFACE: SNAP FLANGE
U3	EZSTLBCWS (DOUBLE WALL MOUNT W/ BOTTLE FILLING STATION)
X	UTILITY HOOK AND MOP STRIP WITH SHELF: ASI #1308-4 (14-1/2" X 8" X 44")
Z	ELECTRIC HAND DRYER - XLERATOR MODEL XL-BW W/ ADA RECESS MOUNTING KIT

TYPICAL CLEAR FLOOR SPACE FOR WHEELCHAIRS



TYPICAL CLEAR FLOOR SPACE FOR WHEELCHAIRS



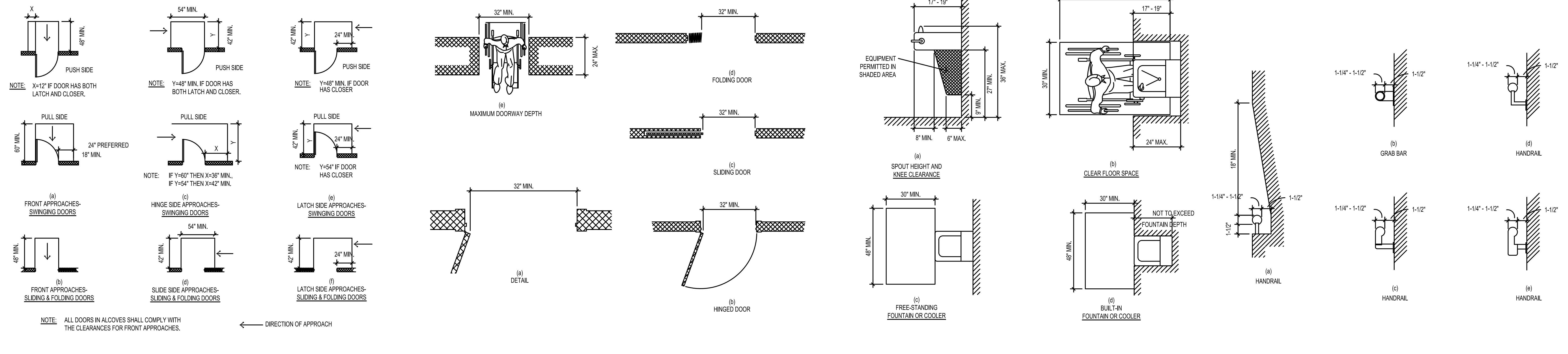
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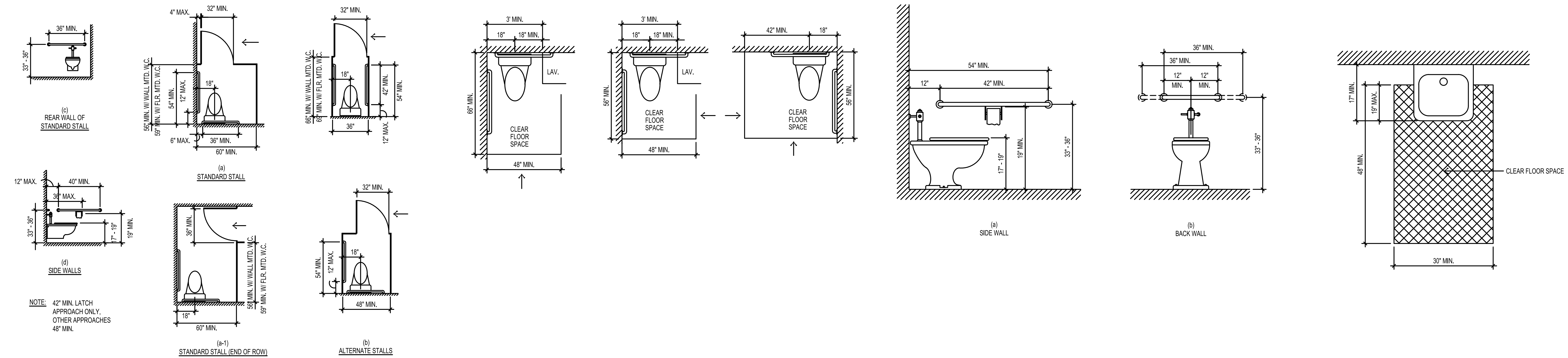
Commission Number: 2021-26
Issue Date: 10/24/2022

Revisions:
 ▲ sroa comments - 08.31.2023

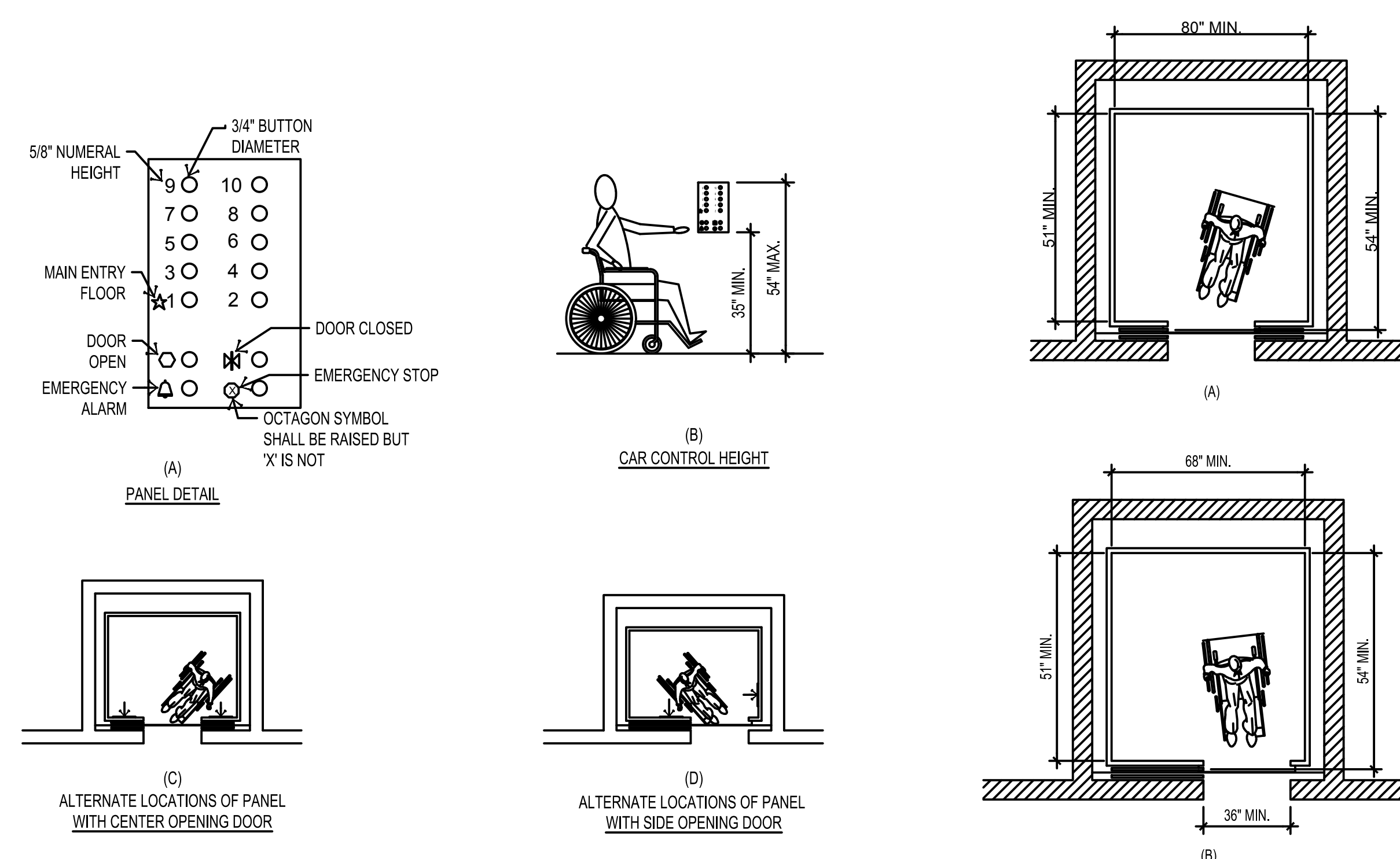
TYPICAL CLEAR MANEUVERING CLEARANCES AT DOORS



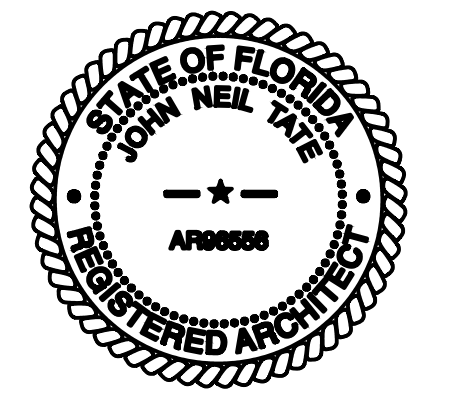
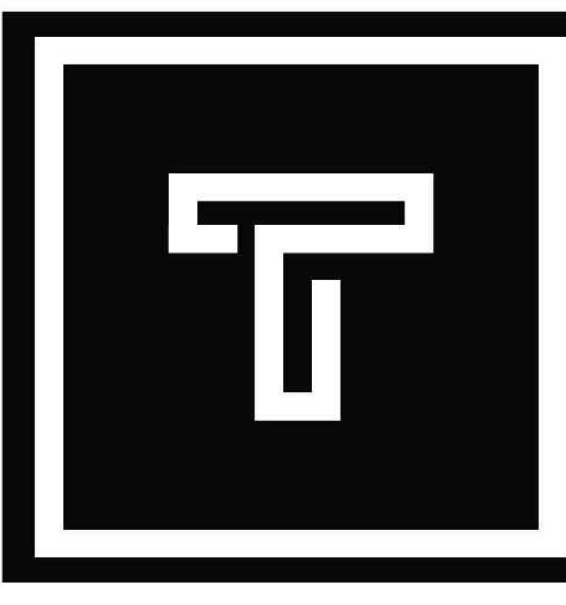
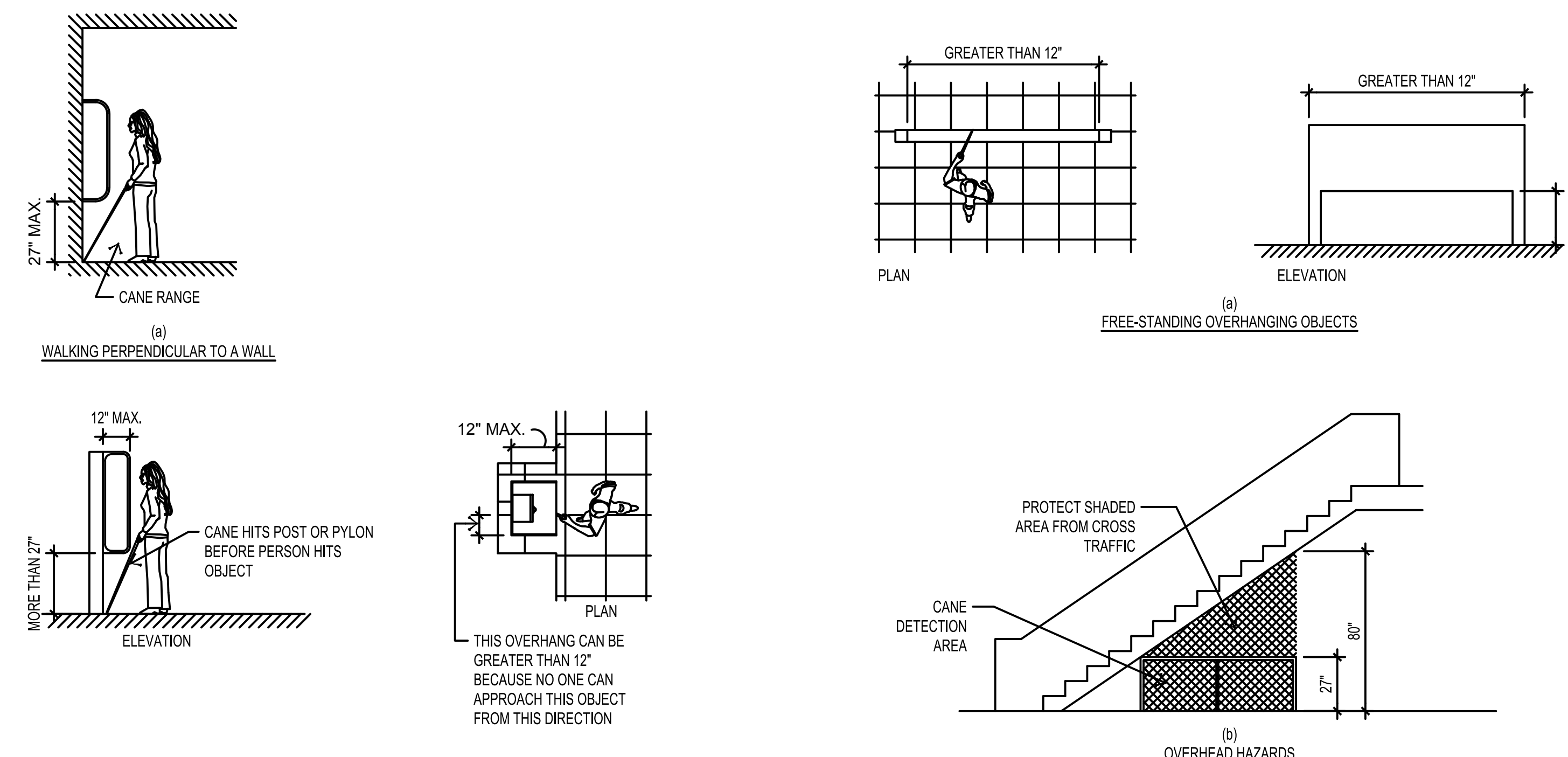
TYPICAL CLEAR MANEUVERING CLEARANCES AT TOILETS



TYPICAL CLEAR MANEUVERING CLEARANCES AT ELEVATOR



TYPICAL CLEAR MANEUVERING CLEARANCES AT PROTRUDING OBJECTS



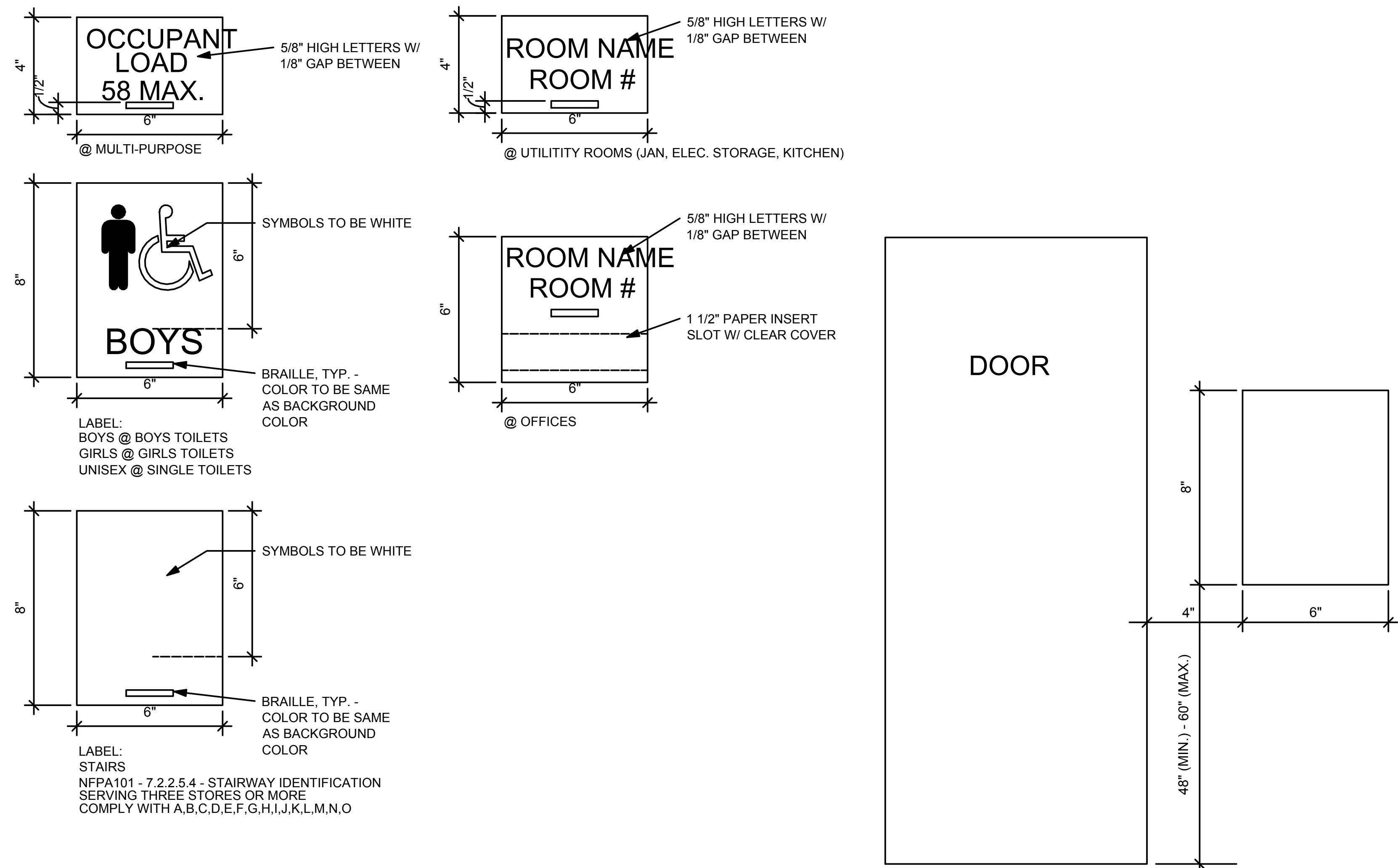
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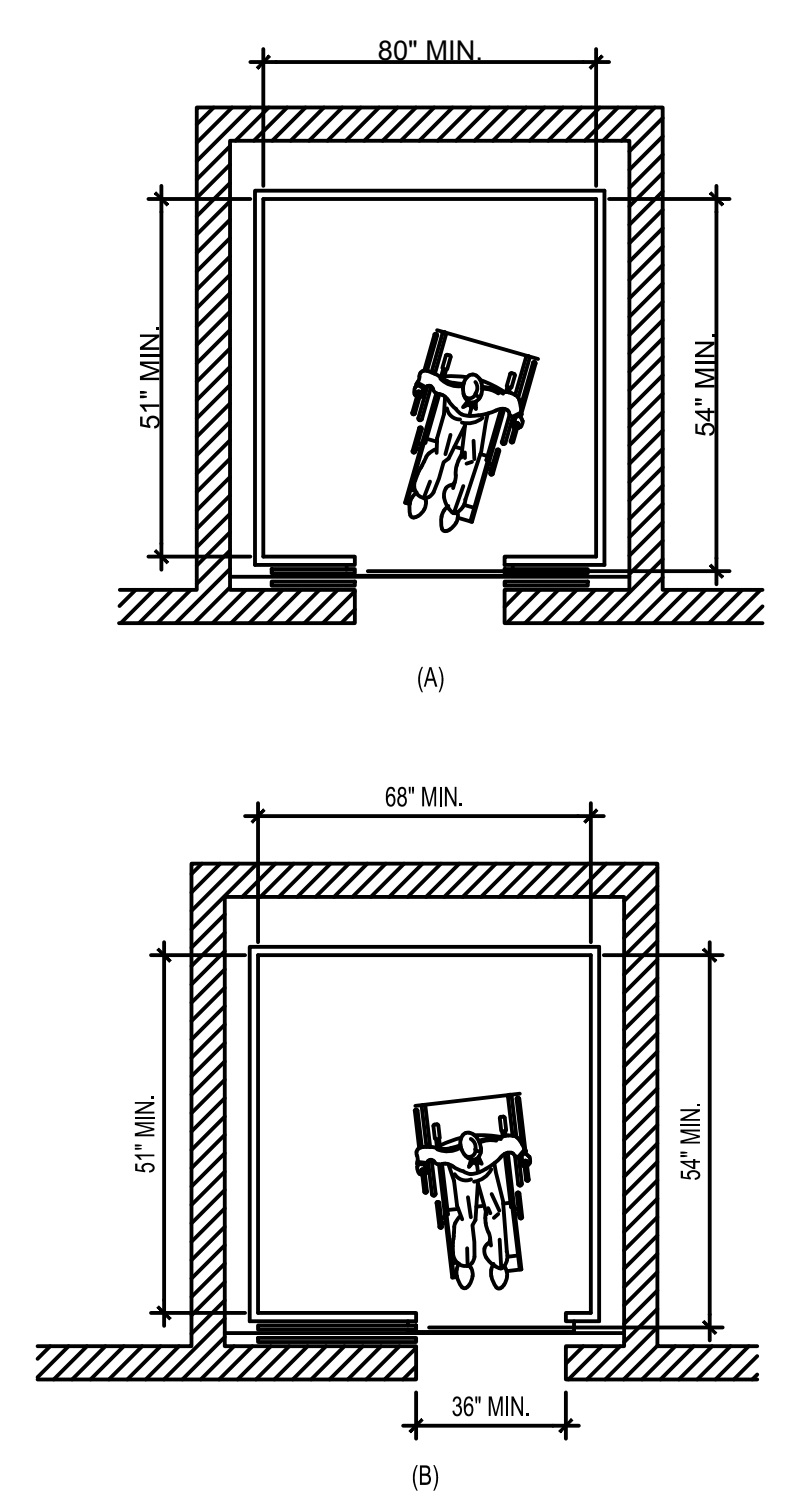
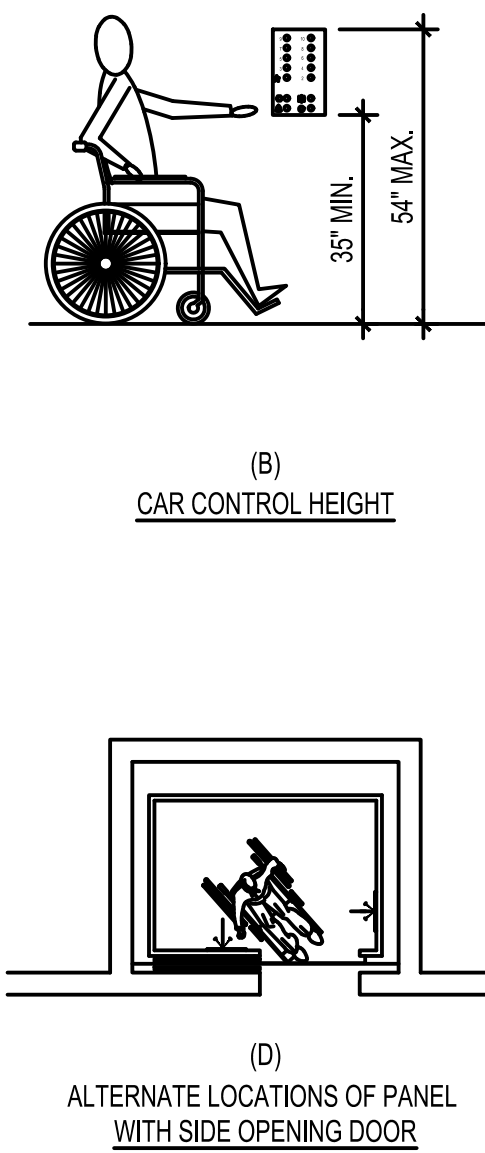
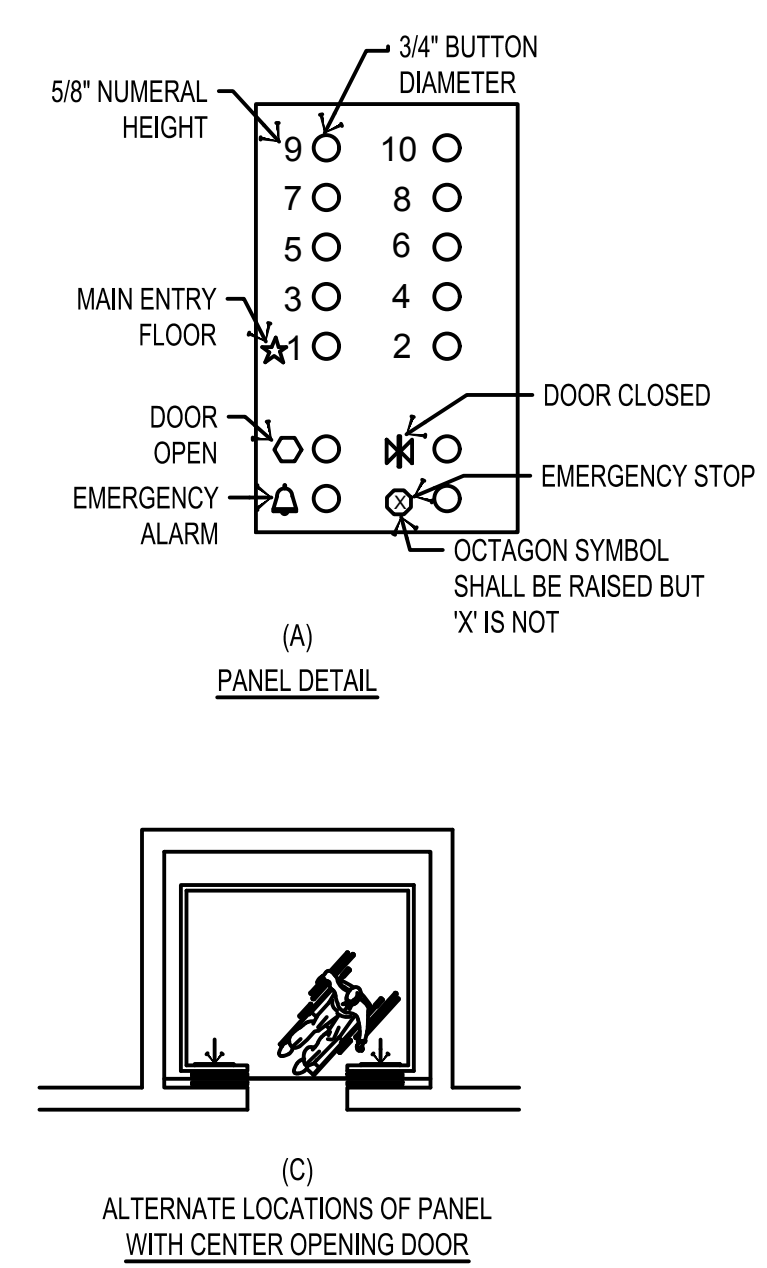
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Project Reference North

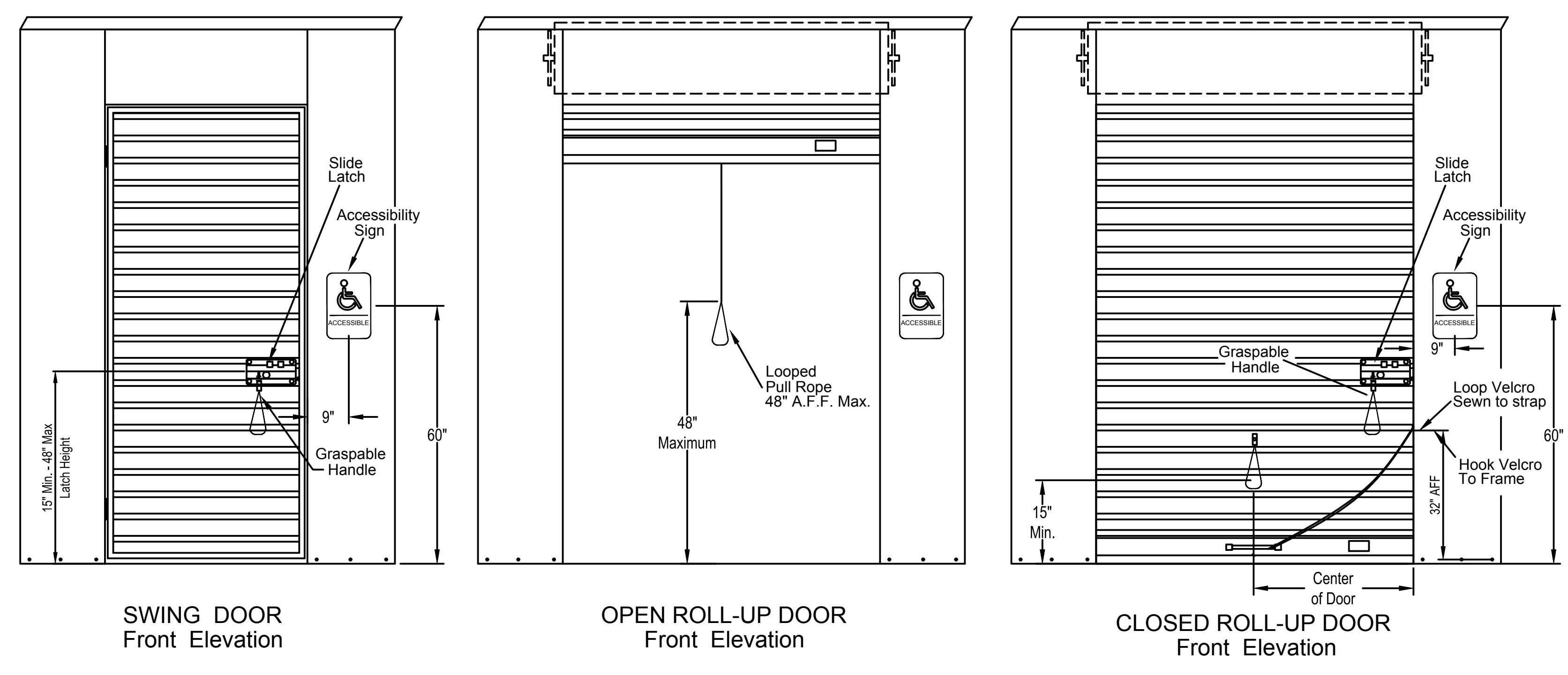
TYPICAL ADA SIGNAGE



NOTES:
 1. PROVIDE SIGNAGE @ EACH DOOR OF ALL ROOMS.
 2. ALL SIGNAGE MUST BE ADHESIVE BACKED.
 3. ACTUAL ROOM NAMES & NUMBERS (WHERE APPLICABLE) MUST BE CONFIRMED BY OWNER PRIOR TO FABRICATION.
 4. ALL SIGNAGE SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA), ANSI A117.1 AND WITH CODE PROVISIONS AS ADOPTED BY AUTHORITIES HAVING JURISDICTION, INCLUDING TYPE FACE, SIZE, MOUNTING HEIGHT, COLOR CONTRAST, & MOUNTING LOCATIONS.
 5. ARCHITECT OR OWNER'S REP. TO SELECT COLORS.
 6. SIGNS TO BE FABRICATED FROM ABS PLASTIC.
 7. THE CONTRACTOR SHALL PROVIDE A SIGNAGE SCHEDULE INDICATING THE SIGN TYPE, TEXT AND LOCATION OF EACH SIGN TO THE OWNER FOR FINAL APPROVAL PRIOR TO FABRICATION.
 8. MOUNTING HEIGHT: ALL SIGNS SHALL BE MOUNTED A MINIMUM OF 48" TO THE BOTTOM EDGE OF THE LOWEST TACTILE CHARACTER (INCLUDING BRAILLE) AND A MAXIMUM OF 60" TO THE BOTTOM OF THE HIGHEST TACTILE CHARACTER (INCLUDING BRAILLE).
 9. LOCATION:
 A. SIGNAGE IS TO BE LOCATED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR OR OPENING.
 B. WHERE SIGNAGE IS PROVIDED AT DOUBLE DOORS WITH ONE INACTIVE LEAF, SIGNAGE SHALL BE LOCATED ON THE INACTIVE LEAF.
 C. WHERE SIGNAGE IS PROVIDED AT DOUBLE DOORS WITH TWO ACTIVE LEAFS, SIGNAGE SHALL BE LOCATED TO THE RIGHT OF THE RIGHT-HAND DOOR.
 D. WHERE THERE IS NO WALL SPACE TO THE LATCH SIDE OF THE DOOR OR TO THE RIGHT SIDE OF DOUBLE DOORS, SIGNAGE MAY BE LOCATED ON THE NEAREST ADJACENT WALL OR PARTITION.
 E. SIGNS CONTAINING TACTILE CHARACTERS SHALL BE LOCATED SO THAT A MINIMUM CLEAR FLOOR AREA OF 18" X 18" CENTERED ON THE SIGN, IS PROVIDED BEYOND THE ARC OF ANY DOOR SWING BETWEEN THE CLOSED POSITION AND THE 45° OPEN POSITION.
 10. WHERE PANEL SIGNS ARE SCHEDULED OR INDICATED TO BE MOUNTED ON GLASS, PROVIDE MATCHING PLATE ON OPPOSITE SIDE OF GLASS TO CONCEAL MOUNTING MATERIALS.
 11. OVERALL DIMENSIONS CAN BE ADJUSTED TO MEET MANUFACTURERS STANDARD.

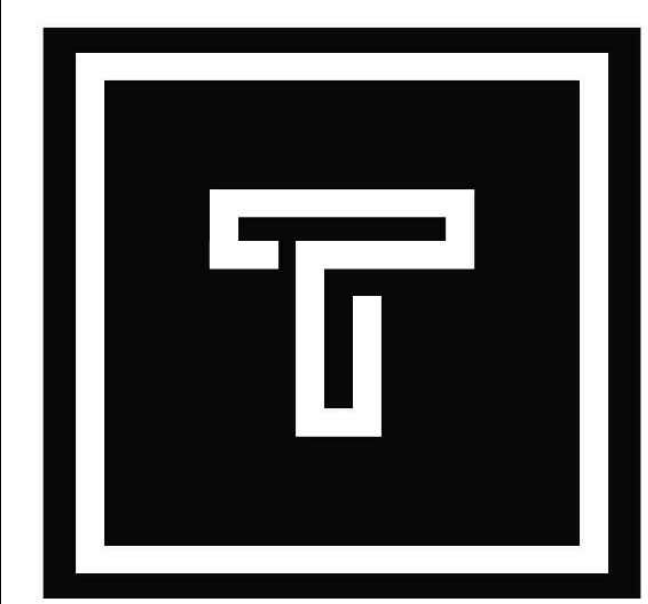
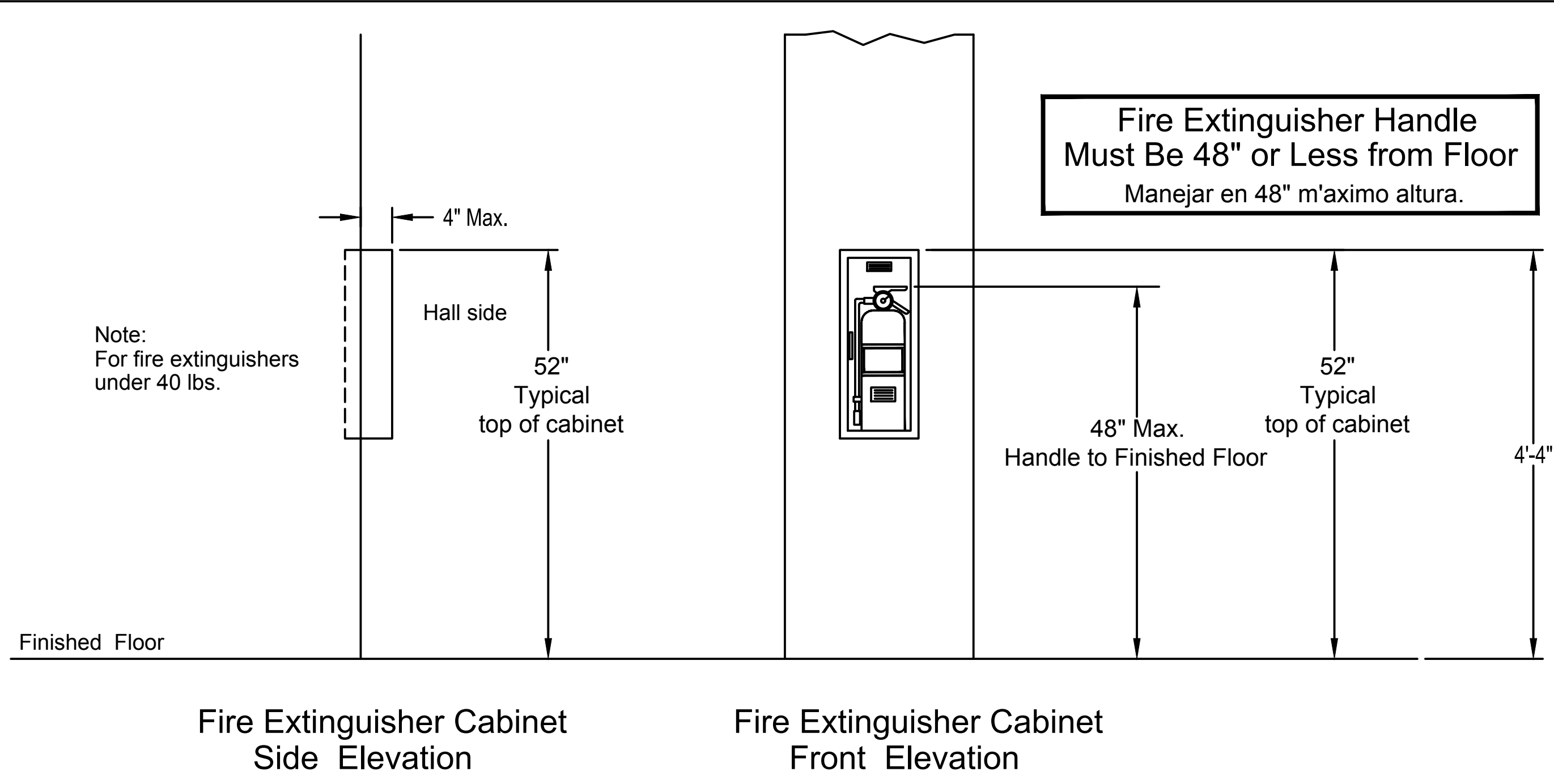


TYPICAL ADA CODE FOR STORAGE UNIT (ACCESS)

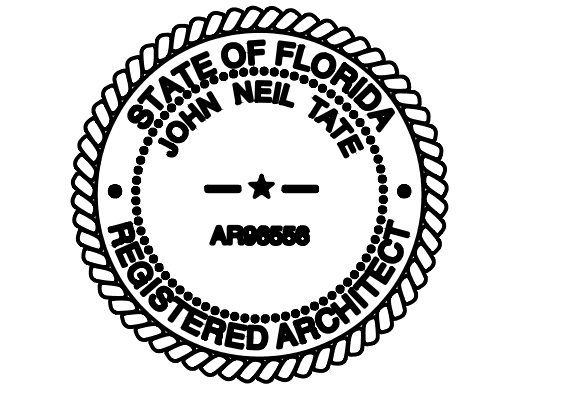


ADA - FOR STORAGE
 • 2018 ADA REFERENCE
 Typical items required for Roll-up unit
 • 8" Nylon Strap with 'S' Hook for Latch Slide.
 • 12" Nylon Strap for graspable handle on front of door.
 • 48" Hanging Strap for graspable pull rope.
 • Attachment Hardware.
 • Accessibility Sign.
 Typical items required for Swing Door unit
 • 8" Nylon Strap with 'S' Hook for Latch Slide.
 • Accessibility Sign.
 Door Requirements
 • All Doors Require a Max. of 5 Pounds of Force to Open and Close .
 Signage Requirements
 • Signage Height is 48" AFF Min. | 60" AFF Max.
 • ADA Chapter 7 Section 703.4.1

TYPICAL ADA CODE FOR FIRE EXTINGUISHER



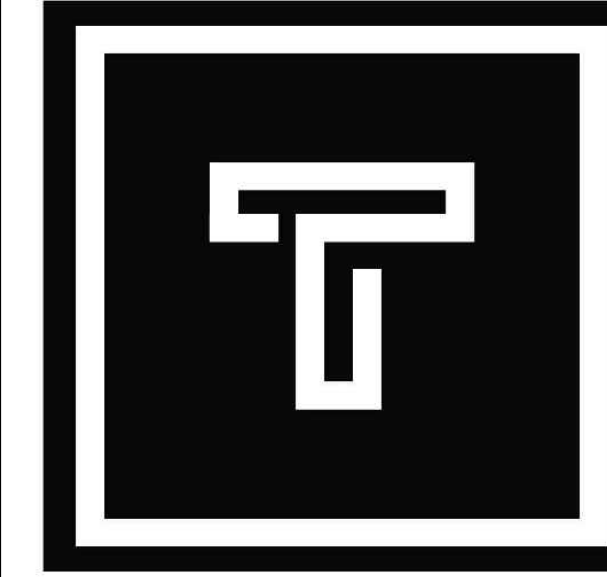
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 kenersville, nc 27285
 336.413.0601
 www.tatearchitecture.com



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Project Reference North

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Palm Beach County - Mangonia Park, FL
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GLAZING NOTES	
1. ALL GLAZING SHALL BE INSULATED TYPE.	
2. LOW-CLEAR GLASS. SEE THE COMCHECK CALCULATION ON SHEET G-001.	
3. ALL HOLLOW METAL PAINTED DOORS ARE TO BE SPRAY PAINTED PRIOR TO INSTALLATION OR HARDWARE.	
4. STOREFRONT SYSTEM BASED ON KAWNEER 451T (THERMAL FRAME BRACE) SYSTEM. SUBMIT MFG. PRODUCTS FOR APPROVAL BY OWNER BEFORE FABRICATION.	
5. TYPICAL WINDOW FLASHING DETAILS ON AG000.8	

DOOR / OPENING LEGEND	
MATERIAL	GLASS
AL ALUMINUM DOOR	ANOD ANODIZED TP TEMPERED
GL GLASS DOOR	PTD PAINTED W WIRED
HMT HOLLOW METAL	WVS WOOD VENEER, STAINED
IM INSULATED METAL	
SC SOLID CORE WOOD	

GLAZING INFORMATION	
EXTERIOR ALUMINUM STOREFRONT: BASIS OF DESIGN: KAWNEER TRIFAB V514UT ULTRA-THERMALLY BROKEN ALUMINUM STOREFRONT FRAMING SYSTEM.	
FINISH CLASS 1 - CLEAR ANODIZED ALUMINUM	
SEE FRAME AND WINDOW TYPES FOR ASSEMBLY CONFIGURATIONS.	
EXTERIOR ALUMINUM CURTAIN WALL: BASIS OF DESIGN: KAWNEER 1900UT ULTRA-THERMALLY BROKEN ALUMINUM CURTAIN WALL FRAMING SYSTEM.	
FINISH CLASS 1 - CLEAR ANODIZED ALUMINUM	
SEE FRAME AND WINDOW TYPES FOR ASSEMBLY CONFIGURATIONS.	
ALL EXTERIOR STOREFRONT SYSTEMS TO ACCEPT 1" INSULATED GLAZING UNITS.	

DOOR NOTES	
1. PUSHBAR AND CLOSER @ ALL SWING EGRESS DOORS (SALES OFFICE, STAIRS, ETC.)	
2. WEATHER STRIPPING & THRESHOLD @ EXT. DOORS	
3. LOCK AND LATCH @ ALL SERVICE ROOMS & PRIVACY SETS AT TOILET ROOMS	

DOOR / OPENING NOTES	
1. REPAIR EXISTING CONSTRUCTION AS REQUIRED FOLLOWING DEMO OF AND INSTALLATION OF NEW DOOR AND FRAME - (NA)	
2. PROVIDE INTERNAL TOP SILE BLOCKING TO RECEIVE SURFACE APPLIED MAGNETIC DOOR HOLES.	
3. PAINT EXISTING DOOR FRAMES, COLOR AS SELECTED BY ARCHITECT, EXISTING DOOR AND LEVER HARDWARE TO REMAIN.	
4. ALL DOOR HARDWARE SHALL BE COMMERCIAL GRADE, LEVER HANDLE HARDWARE LOCK SETS AND LATCH SETS ARE INDICATED ON PLANS. A COMPLETE KEYING TO BE KEYS ALIKE SHALL ALSO BE PROVIDED.	
5. ALL NEW INTERIOR WOOD DOORS SHALL BE CONSTRUCTED ACCORDING TO AWP PICS STANDARDS. FACE VENEER TO BE PLANED/STAINED HARDWOOD (SPECIES HERE) VENEER VISIBLY SPECIES HARDWOOD EDGE. SEE INTERIOR FINISHES FOR DOOR STAIN OR PAINT.	
6. DOORS TO CONFORM TO APPLICABLE CODES.	
7. CONTRACTOR TO INCLUDE DOCUMENTATION FOR UL 10C OR OTHER IBC APPROVED TESTING AGENCY STATING DOORS HAVE PASSED IBC SECTION 715.	
8. PROVIDE CATEGORY "A" MINUSCRIPT FIRE AND SMOKE MATERIAL FOR FIRE RATED OPENINGS AS REQUIRED BY DOOR AND FRAME MANUFACTURER TO COMPLY WITH UL 10C.	
9. DOOR FRAMES IN NON-MASONRY WALLS TO BE OFFSET 3" FROM THE ADJACENT WALL UNLESS NOTED OTHERWISE.	
10. PUSH BAR AND CLOSER AT ALL SWING EGRESS DOORS. TYP.	
11. WEATHER STRIPPING AND THRESHOLDS AT ALL EXTERIOR DOORS.	
12. WEATHER STRIPPING AND BOTTOM GUARDS AT ALL EXTERIOR ROLL UP DOORS.	
13. LOCK AND LATCH AT ALL SERVICE DOORS.	
14. PRIVACY SETS AT TOILET ROOMS.	

FINISHES AND BASE MATERIALS	
HARDWARE ITEM FINISH AND BASE MATERIAL	
1. BUTT HINGES EXTERIOR US260 (BRASS/30)	
2. BUTT HINGES INTERIOR US260 (626 OR 652)	
3. CONTINUOUS HINGES US260 (630)	
4. FLUSH BOLTS US260 (626)	
5. EXIT DEVICES US260 WITH US260 TOUCHPAD	
6. LOCKS AND LATCHES US260 (626)	
7. PULLS AND PUSH PLATES/BARS US320 (630)	
8. COORDINATORS PRIME PAINTED OR MILL ALUM. (609)	
9. CLOSERS POWDER COAT ALUMINUM (699)	
10. PROTECTIVE PLATES US260 (630)	
11. OVERHEAD STOPS US260 (630)	
12. WALL STOPS AND HOLDERS US260 OR US320 (626 OR 630)	
13. THRESHOLDS MILL ALUMINUM (626)	
14. WEATHER-STRIP, SWEEPS DRIP CAPS ALUMINUM ANODIZED	
15. MAGNETIC HOLDERS US260 (626)	
16. MISCELLANEOUS US260 ON BRASS OR BRONZE (626)	

DOOR NUMBER, LOCATION, SIZE, HANDING, AND RATING.	
DOOR AND FRAME MATERIAL, HANDING, DEGREE OF SWING.	
MANUFACTURER	
PRODUCT NAME AND CATALOG NUMBER	
FUNCTION, TYPE AND STYLE	
SIZE AND FINISH OF EACH ITEM	
MOUNTING HEIGHTS	
PLANATION OF ABBREVIATIONS, SYMBOLS, ETC.	
NUMERICAL DOOR INDEX, INDICATING THE HARDWARE SET/ GROUP NUMBER FOR EACH DOOR.	

MILLWORK SCHEDULE - NEW CONSTRUCTION		
MATERIAL	SURFACE	NOTES
SS-1	TRANS. TOP	
PLAM-1	WORK SURFACES	MOUNTED TO WALL WITH 45° BRACKETS - OP'S TO PURCHASE/INSTALL LATERAL FILE CABINETS UNDERNEATH
PLAM-2	CABINETS	RAISED PANELS TO BE INSTALLED ON FACE OF DRYWALL/KNEEWALL. PANELS ON TOP OF TRIM
PLAM-3	TRIM	TO BE INSTALLED ON FACE OF DRYWALL/KNEEWALL. RAISED PANELS INSTALLED ON TOP OF.

HARDWARE SCHEDULE - NEW CONSTRUCTION				
NO.	MANUFACTURER	STYLE	FUNCTION	NOTES
HW-1	SCHLAGE	LEVER	ENTRANCE	OR EQUAL MANUFACTURER
HW-2	SCHLAGE	LEVER	PASSAGE	OR EQUAL MANUFACTURER
YZ HASP	JANUS	MULTI		BY METAL/ROLL UP DOOR VENDOR

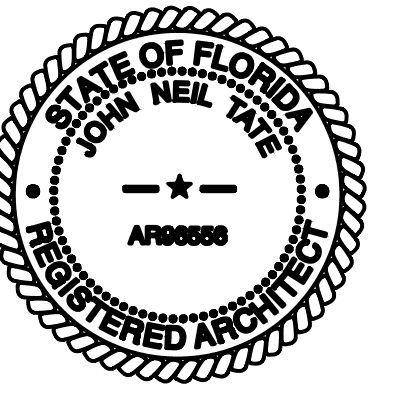
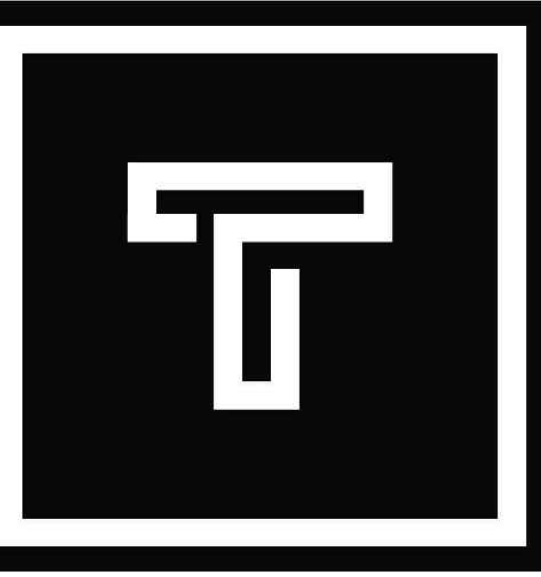
RESTROOM SCHEDULE - NEW CONSTRUCTION		
NO.	MANUFACTURER	NOTES
FIXTURES	AMERICAN STAND.	SINK & TOILET - OR EQUAL MANUFACTURER
ACCESS.	BOBRICK	ADA GRAB BARS & MIRROR, SOAP & TOILET PAPER HOLDERS - OR EQUAL MANUFACTURER
H-DRY	DYSON	AIRBLADE V - SKU307174-01. HAND DRYER - NO PAPER TOWELS/HOLDERS
WF	ELKAY	HI-LO WATER FOUNTAIN - OR EQUAL MANUFACTURER

ELECTRICAL FIXTURE SCHEDULE - NEW CONSTRUCTION		
NO.	STYLE	NOTES
OFFICE 1	2' X 4' LAY-IN LED	NEW OFFICES WITH ACT/GRID - LED LAY IN LIGHT FIXTURES - EMERGENCY BALLASTS AS NEEDED
OFFICE 2	4' LED STRIP	NEW OFFICE W/OPEN CEILING - LED STRIP LIGHTS TO MATCH STORAGE CORRIDORS - EMERGENCY BALLASTS AS NEEDED
RECEPT.	PENDANT	HANGING PENDANT FIXTURES OVER TRANSACTION TOP
SALES	TRACK LIGHTING	CEILING MOUNTED TRACK LIGHTING TO FOCUS ON SALES WALL
STORAGE	SING/DBL 4'LED	SINGLE OR DOUBLE UP 4' LED STRIP LIGHTS - EMERGENCY BALLASTS AS NEEDED

DOOR SCHEDULE																	
NO.	ROOM	DOOR	WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH	TYPE	GLAZING	LABEL	FRAME	HARDWARE	NOTES				
FIRST FLOOR																	
100A	SALES OFFICE		4'-0"	7'-0"	1 3/4"	HM	PTD.	D4	G5	---	F-1	HM	J-1	H-1	T-3	●●●●●●●●●●	FULL GLASS LITE
100B	SALES OFFICE		3'-0"	7'-0"	1 3/4"	ALUM.	ANOD.	D1	G2	---	F-2	ALUM	MANUF	MANUF	T-1	●●●●●●●●●●	1/2 GLASS LITE
101	BREAK		3'-0"	7'-0"	1 3/4"	SCWD	STAIN	D2	G5	---	F-1	HM	J-1	H-1	T-3	●●●●●●●●●●	
102	UNISEX - RR		3'-0"	7'-0"	1 3/4"	SCWD	STAIN	D3	NONE	---	F-1	HM	J-1	H-1	T-3	●●●●●●●●●●	
103	UNISEX - RR		3'-0"	7'-0"	1 3/4"	SCWD	STAIN	D3	NONE	---	F-1	HM	J-1	H-1	T-3	●●●●●●●●●●	
104	ELECTRICAL		4'-0"	7'-0"	1 3/4"	HM	PTD.	D3	NONE	---	F-2	HM	J-4	H-4	T-1	●●●●●●●●●●	
105	SPRINKLER RISER		4'-0"	7'-0"	1 3/4"	HM	PTD.	D3	NONE	---	F-2	HM	J-4	H-4	T-1	●●●●●●●●●●	
106	JANITOR		3'-0"	7'-0"	1 3/4"	HM	PTD.	D3	NONE	---	F-2	HM	J-4	H-4	T-1	●●●●●●●●●●	
107A	LOADING DOCK		9'-4"	8'-8"	---	---	---	---	---	---	---	---	---	---	---	---	
107B	LOADING DOCK		9'-4"	8'-8"	---	---	---	---	---	---	---	---	---	---	---	---	
107C	LOADING DOCK		9'-4"	8'-8"	---	---	---	---	---	---	---	---	---	---	---	---	
107D	LOADING DOCK		9'-4"	8'-8"	1 3/4"	ALUM.	ANOD.	D6	G2	---	MANUF	ALUM	J-7	H-7	T-4	●●●●●●●●●●	AUTOMATIC SLIDING
107E	LOADING DOCK		9'-4"	8'-8"	1 3/4"	ALUM.	ANOD.	D6	G2	---	MANUF	ALUM	J-7	H-7	T-4	●●●●●●●●●●	AUTOMATIC SLIDING
EV1	ELEVATOR DOOR		4'-0"	7'-0"	1 3/4"	HM	PTD	D3	NONE	---	F-1	HM	J-1	H-1	T-3	●●●●●●●●●●	
SECOND FLOOR																	
ST100A	STAIR		3'-0"	7'-0"	1 3/4"	HM	PTD.	D2	G6	90 MIN.	F-2	HM	J-2	H-2	T-1	●●●●●●●●●●	3x33 GLASS
ST100B	STAIR		3'-0"	7'-0"	1 3/4"	HM	PTD.	D3	NONE	---	F-2	HM	J-3	H-3	T-1	●●●●●●●●●●	
ST101A	STAIR		3'-0"	7'-0"	1 3/4"	HM	PTD.	D2	G6	90 MIN.	F-2	HM	J-2	H-2	T-1	●●●●●●●●●●	3x33 GLASS
ST101B	STAIR		3'-0"	7'-0"	1 3/4"	HM	PTD.	D3	NONE	---	F-2	HM	J-3	H-3	T-1	●●●●●●●●●●	
THIRD FLOOR																	
ST300A	STAIR		3'-0"	7'-0"	1 3/4"	HM	PTD.	D2	G6	90 MIN.	F-2	HM	J-2	H-2	T-1	●●●●●●●●●●	3x33 GLASS
ST301A	STAIR		3'-0"	7'-0"	1 3/4"	HM	PTD.	D2	G6	90 MIN.	F-2	HM	J-2	H-2	T-1	●●●●●●●●●●	3x33 GLASS

FINISH SCHEDULE - NEW CONSTRUCTION - AS APPLICABLE								
NO.	ROOM NAME	FINISH	BASE	FINISH	TRIM	FINISH	TRIM	NOTES
SEE PLAN	OFFICE	CONC.	VB-1	PT-1	PT-2	EXPOSED	PT-4	(1) ACCENT WALL IN PT-3
SEE PLAN	BREAKROOM	CONC.	VB-1	PT-1	PT-2	ACT-1	ACG-1	
SEE PLAN	RESTROOM	CONC.	VB-1	PT-1	FRP	ACT-1	ACG-1	
SEE PLAN	IT	VCT	VB-1	PT-1	-	EXPOSED	-	
SEE PLAN	STORAGE	CONC.	VB-1	PT-1	-	ACT-1	ACG-1	
SEE PLAN	JANITOR	CONC.	VB-1	PT-1	FRP	EXPOSED	-	
SEE PLAN	ELECTRIC	CONC.	-	-	-	EXPOSED	-	WALLS CAN BE LEFT UNFINISHED CMU/DRYWALL
SEE PLAN	FIRE SPRINKLER	CONC.	-	-	-	EXPOSED	-	WALLS CAN BE LEFT UNFINISHED CMU/DRYWALL
SEE PLAN	STORAGE CORRIDOR	CONC.	-	-	-	EXPOSED	-	WALLS BY PEMB/DOOR VENDOR
SEE PLAN	STORAGE UNITS	CONC.	-	-	-	WM	-	WIRE MESH OR BURGLAR B

FINISH MATERIAL SCHEDULE					
NO.	MATERIAL	MANUF.	STYLE / #	COLOR	NOTES
P. CONC.	CONCRETE	REMODELS	GRIND AND SEAL	CLEAR	PERFORMED BY HAND AFTER DEMO OF EXISTING
CONC.	CONCRETE	NEW BLDGS.	HIGH SHEEN FINISH	CLEAR	PERFORMED DURING CONCRETE POUR/FINISH
VCT	VINYL CERAMIC	ARMSTRONG	STANDARD EXCELON	CARNIVAL WHITE	#52500 - 12" X 12"
LVT	LUXURY VINYL	NUCORE	SKU 100497361	WHITE PEWTER	REMODELS
VB-1	VINYL BASE	JOHNSONITE	TRADITIONAL - 6"	#18 NAVY BLUE	OR EQUAL MANUFACTURER
ACT-1	ACOUSTICAL TILE	ARMSTRONG	DUNE - BEVELED	2'X2' WHITE	OR EQUAL MANUFACTURER
ACG-1	CEILING GRID	ARMSTRONG	9/16" GRID	WHITE	OR EQUAL MANUFACTURER
PT-1	PAINT	SW OR EQUAL	WALL PAINT	#7007 BRIGHT WHITE	OR EQUAL MANUFACTURER
PT-2	PAINT	SW OR EQUAL	ACCENT PAINT	#6869 STOP RED	OR EQUAL MANUFACTURER
PT-3	PAINT	SW OR EQUAL	DOORS/TRIM	#6967 FRANK BLUE	OR EQUAL MANUFACTURER
PT-4	PAINT	SW OR EQUAL	CEILING	#6258 TRICORN BLACK	OR EQUAL MANUFACTURER
PLAM-1	PLASTIC LAMINATE	FORMICA	#969	NAVY BLUE	OR EQUAL MANUFACTURER
PLAM-2	PLASTIC LAMINATE	FORMICA	#459	BRIGHT WHITE	OR EQUAL MANUFACTURER
PLAM-3	PLASTIC LAMINATE	FORMICA	#839	RED STOP	OR EQUAL MANUFACTURER
SS	SOLID STONE	POMPEII QUARTZ	BQ8786	TIDEWATER POLISHED	
GL.S.F	GLASS STORE FRONT		3'0" X 8'0"	CLEAR ANODIZED	SINGLE OR DOUBLE ACCEPTABLE
MTL	METAL		4'0" X 8'0"	PT-2	GLASSLITE PANEL ACCEPTABLE AS WELL
AT.SL.GL.	AUTO SLIDE GLASS		4'0" X 8'0"	CLEAR ANODIZED	AUTOMATIC W/FLUSH BOTTOM TRACK.



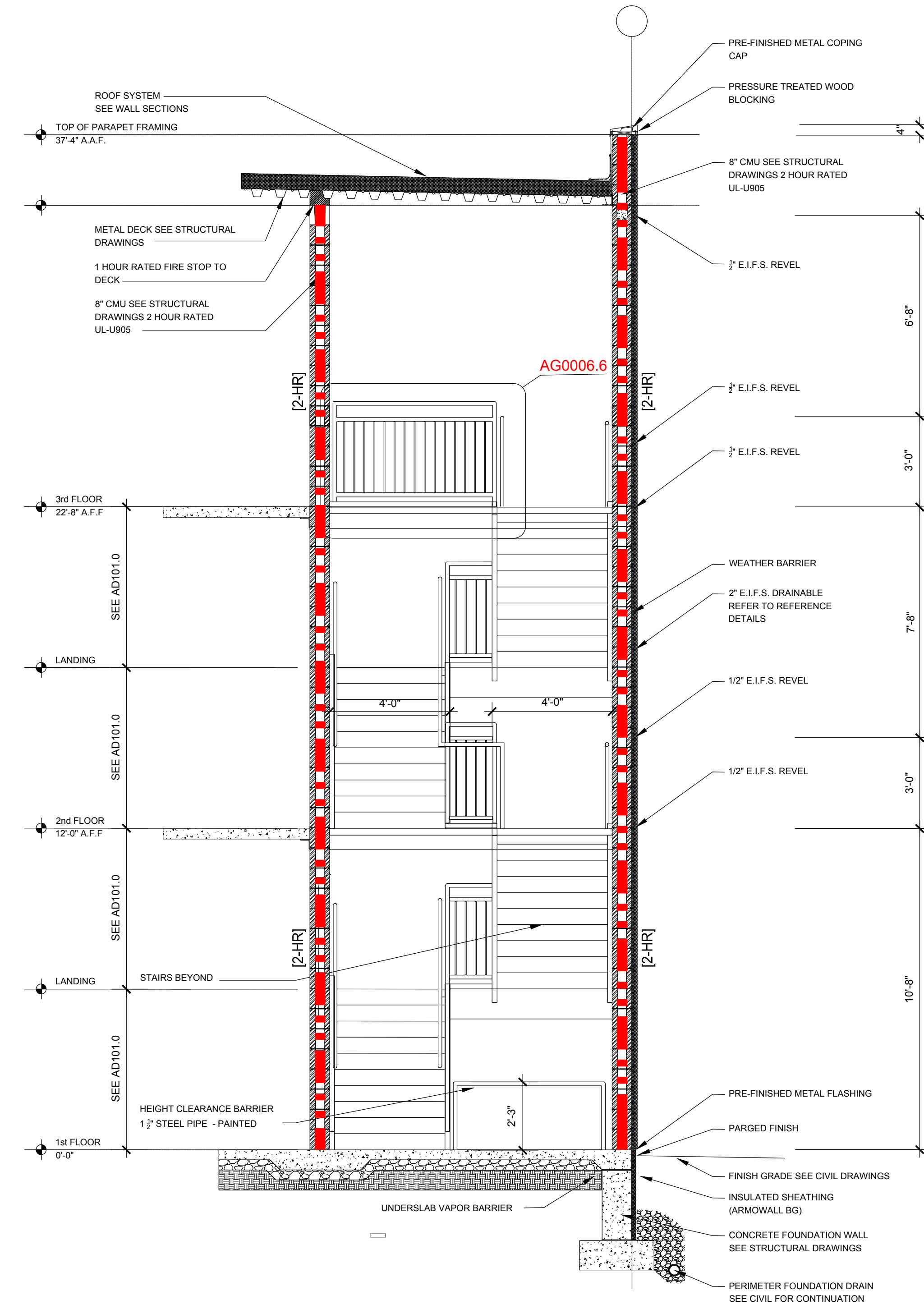
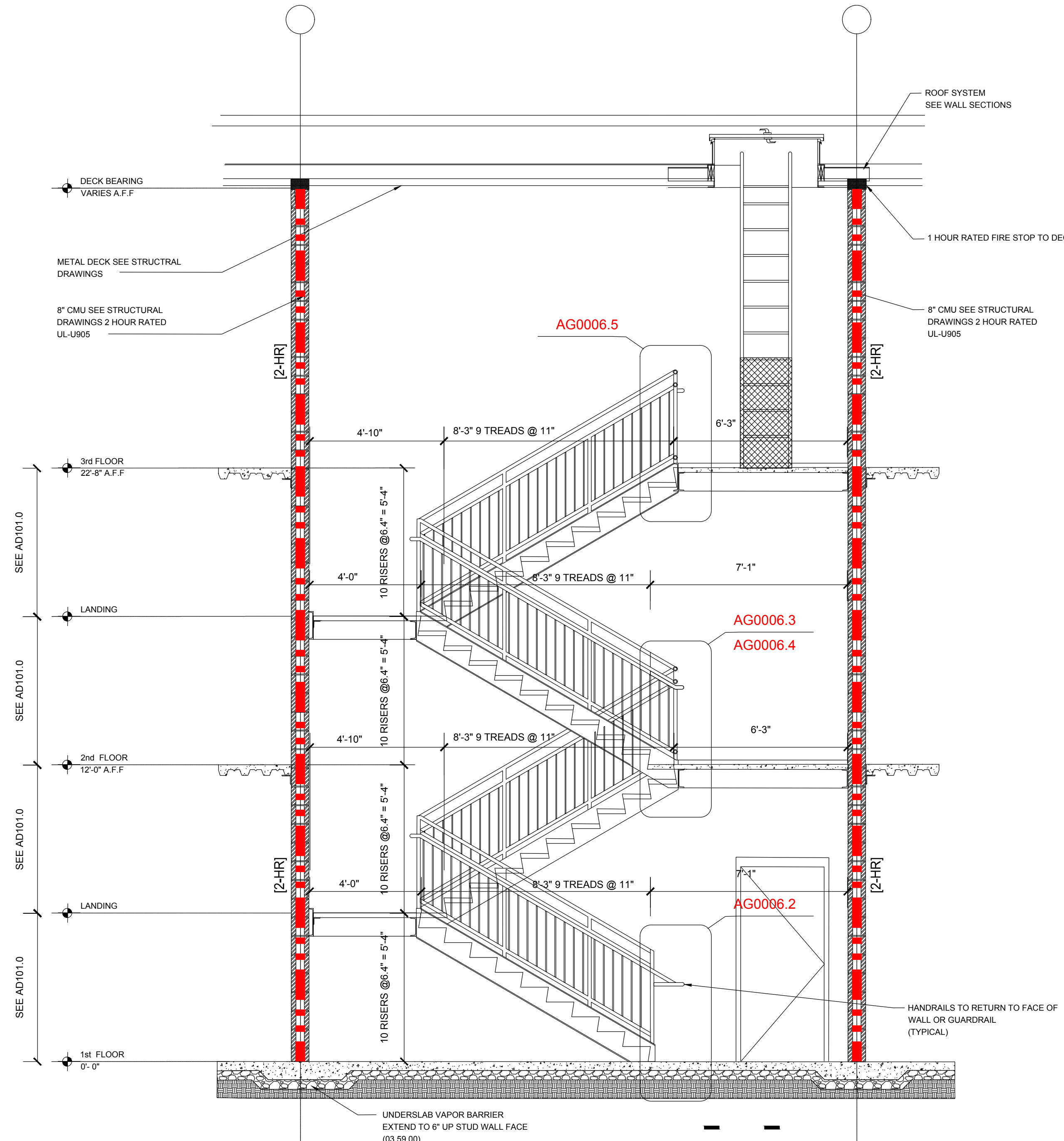
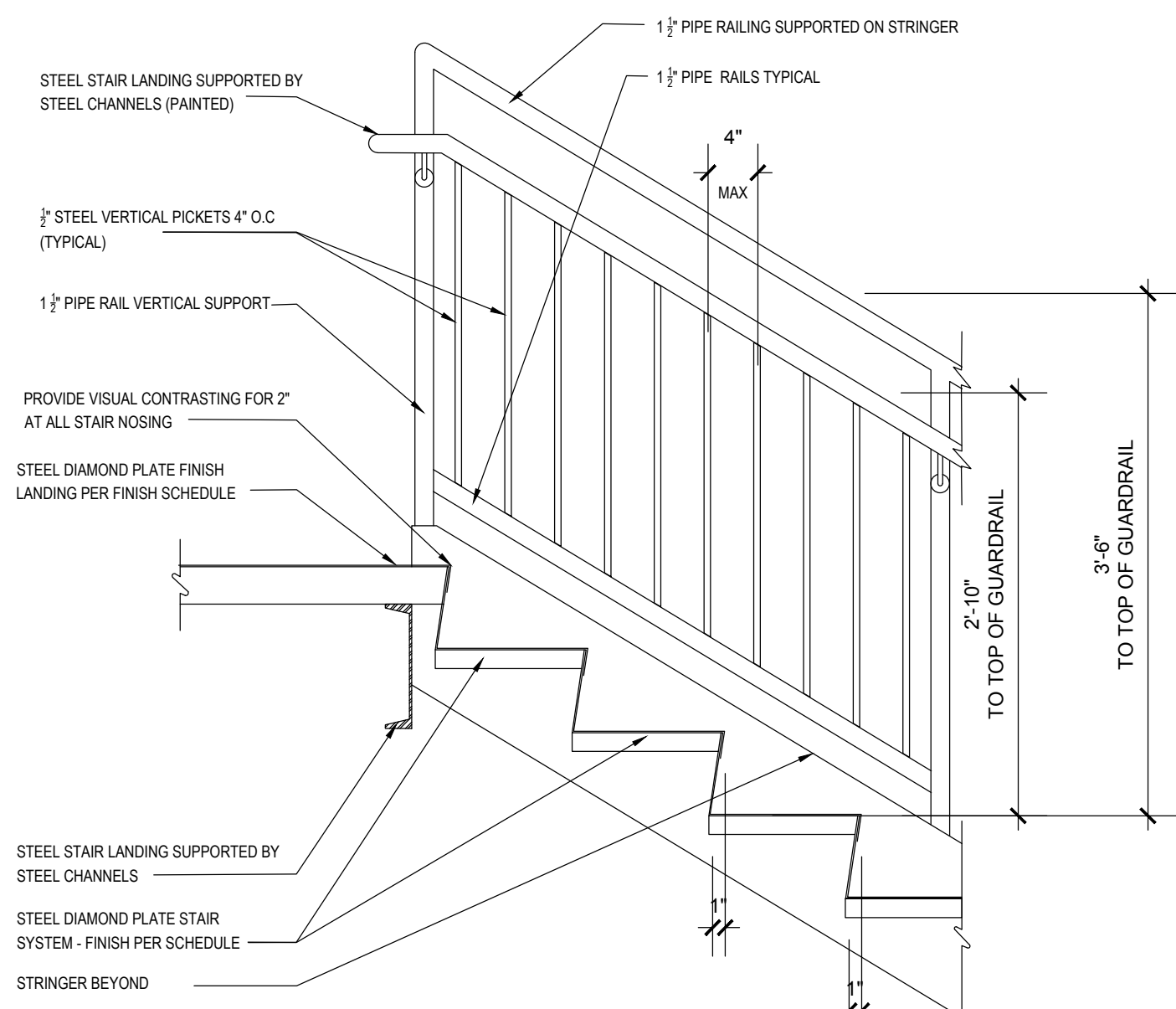
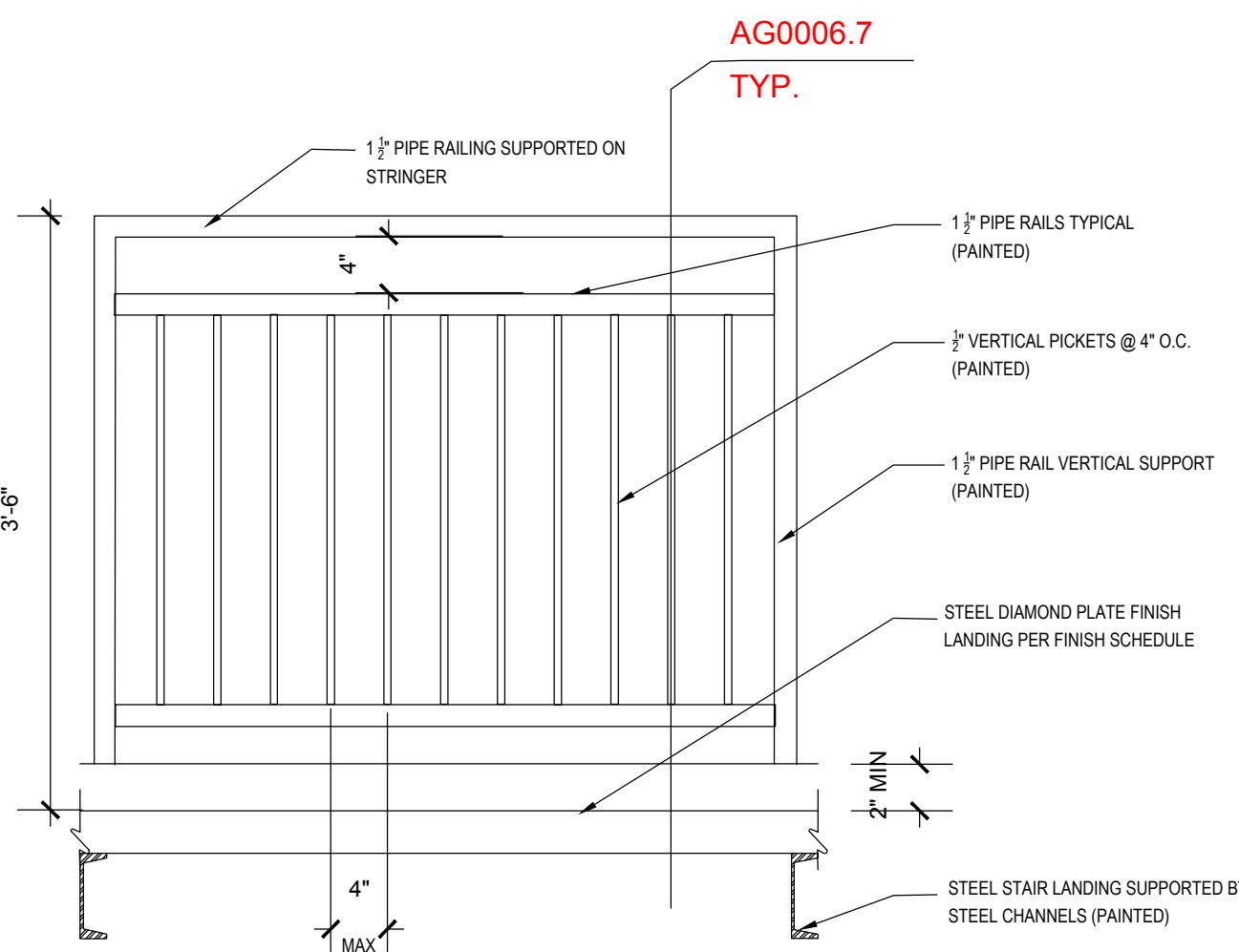
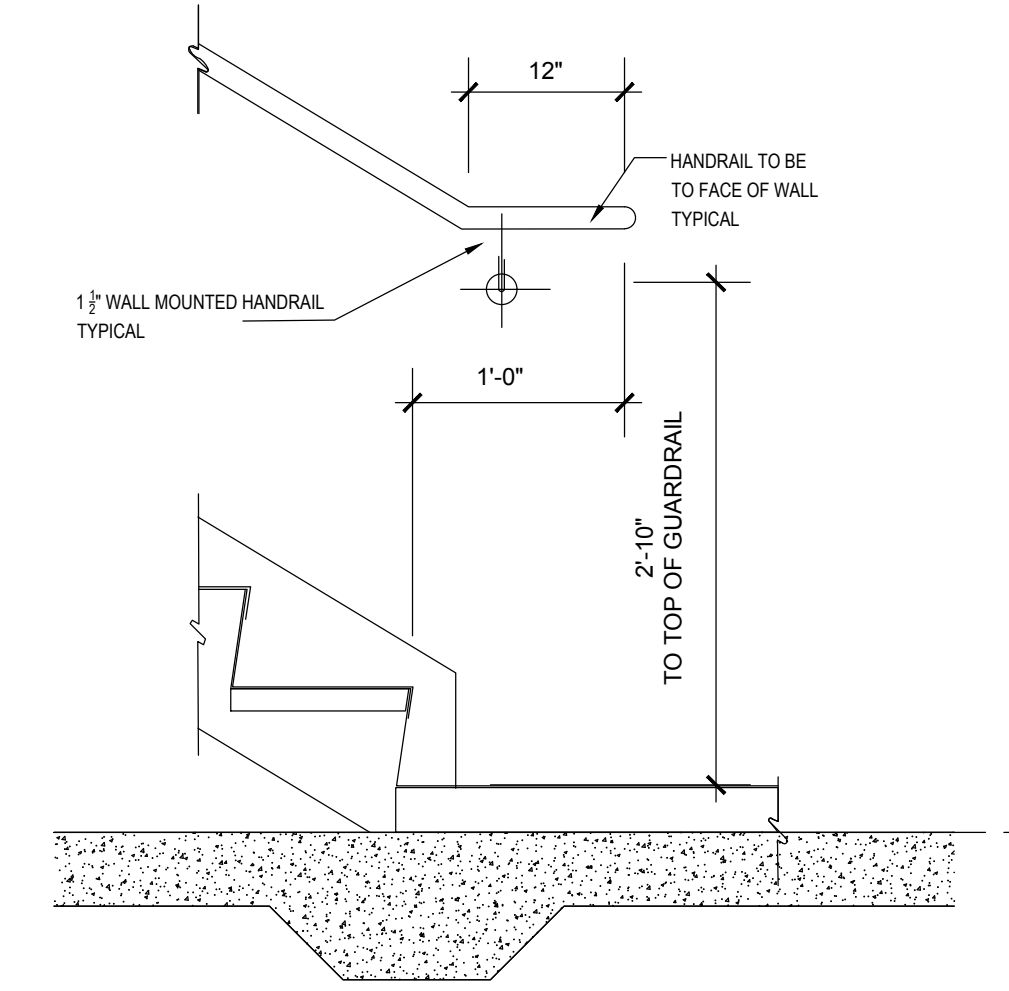
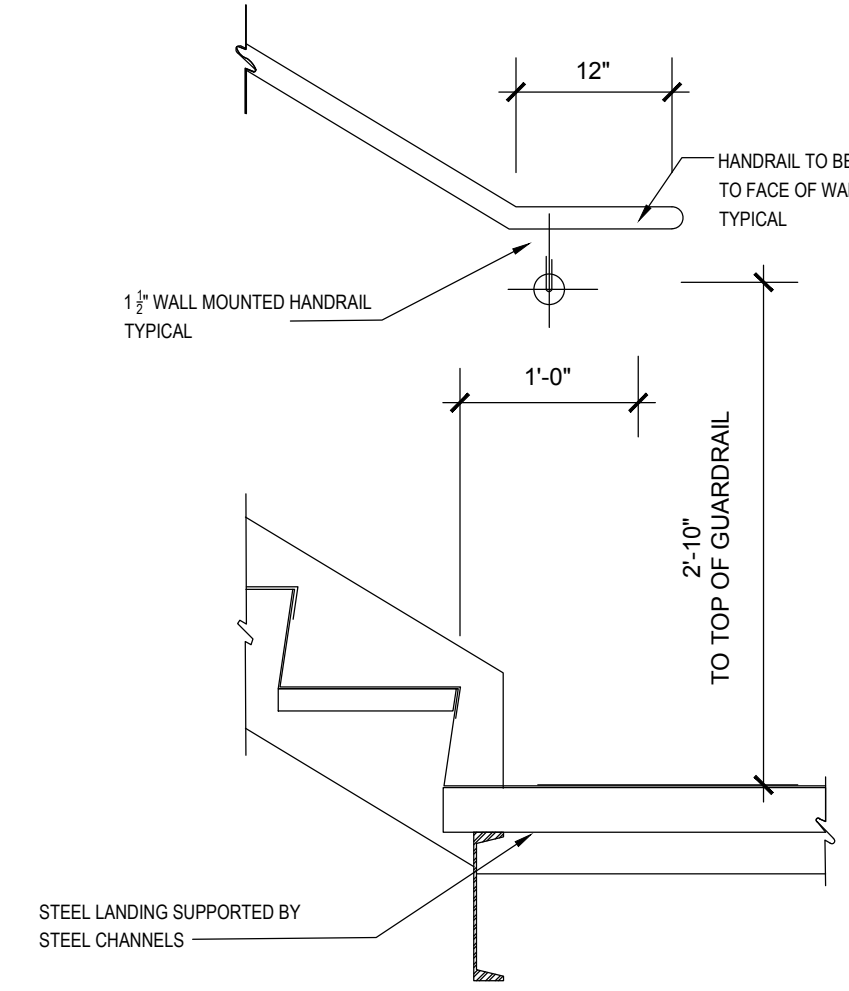
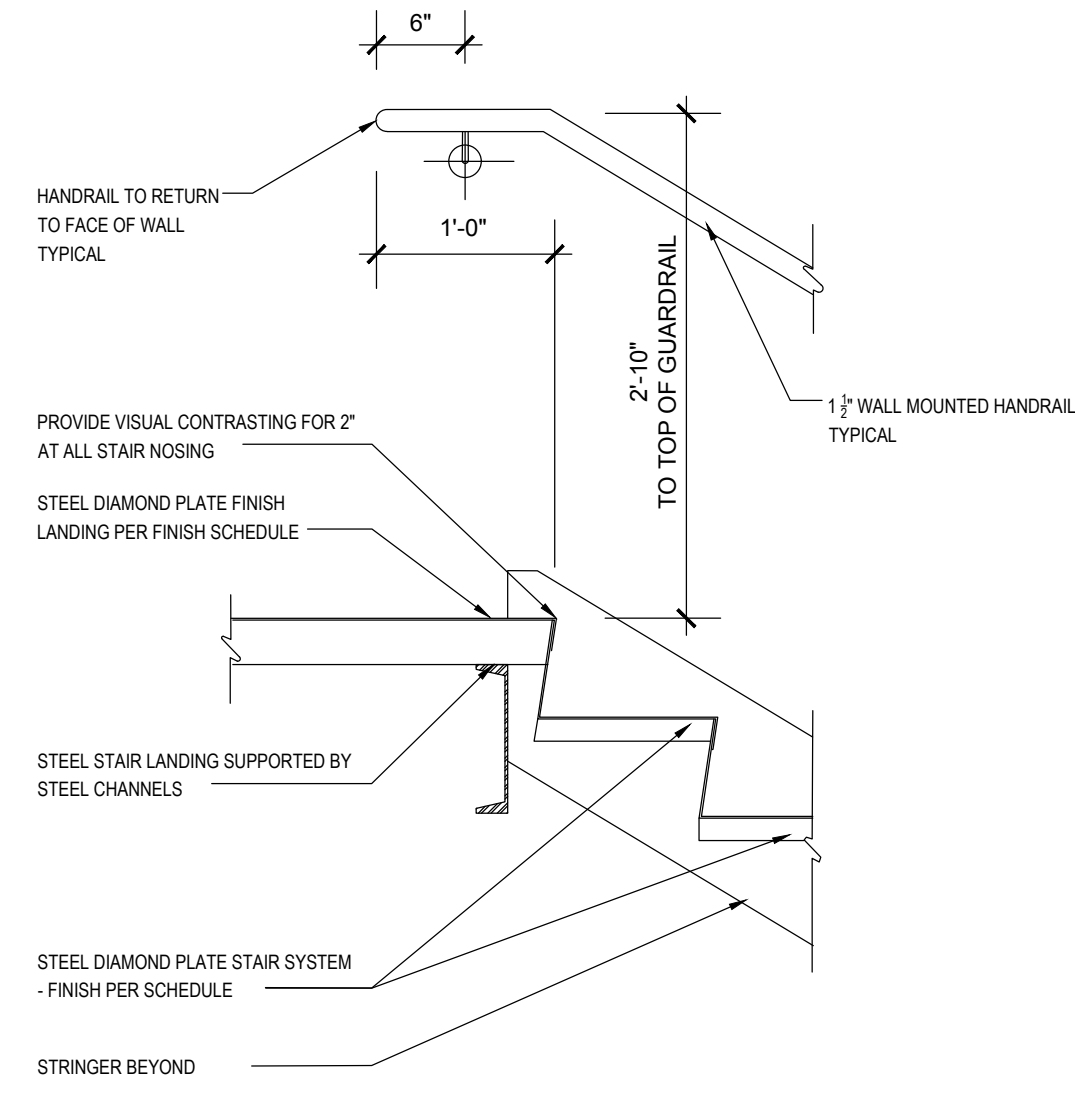
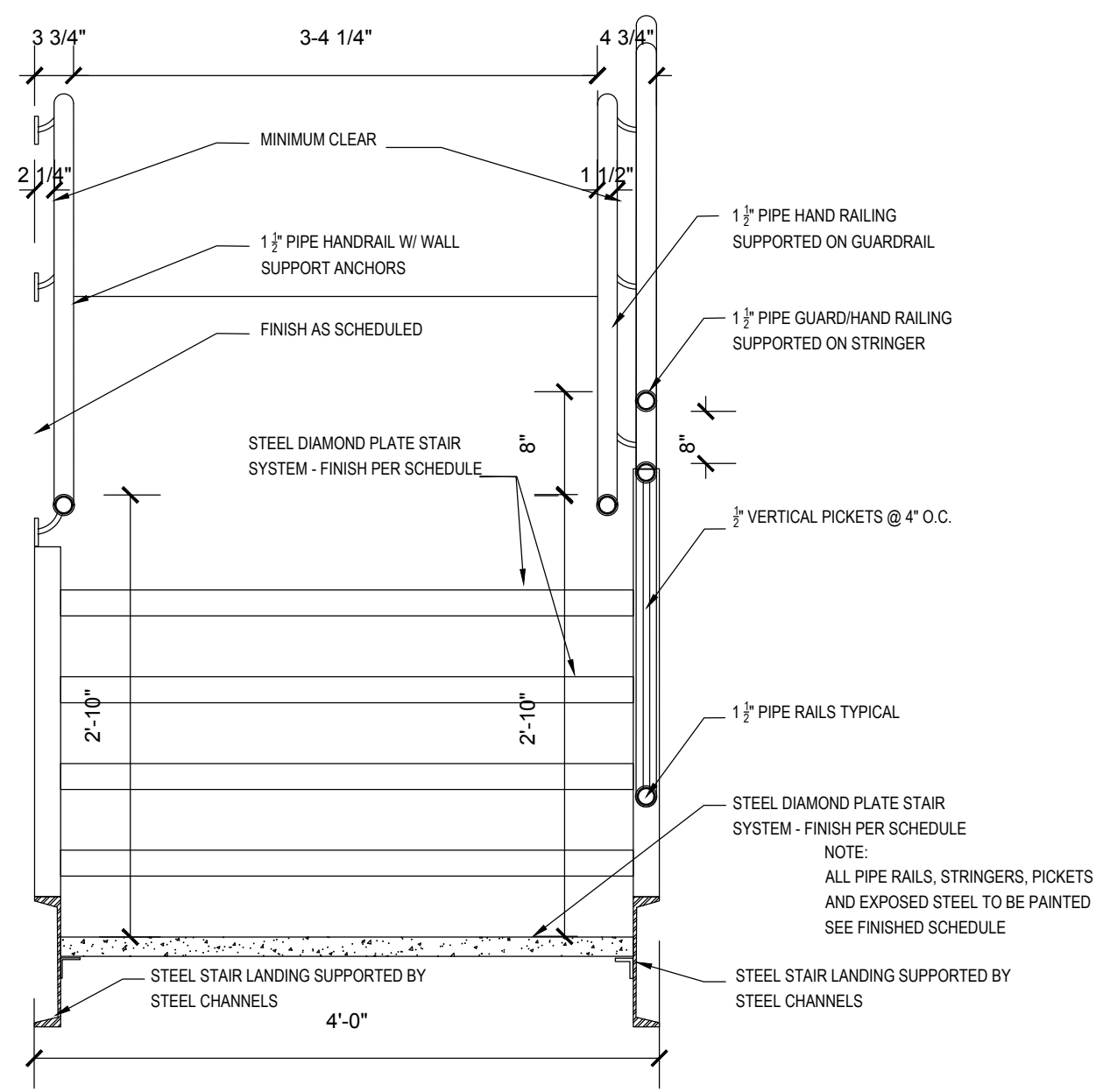
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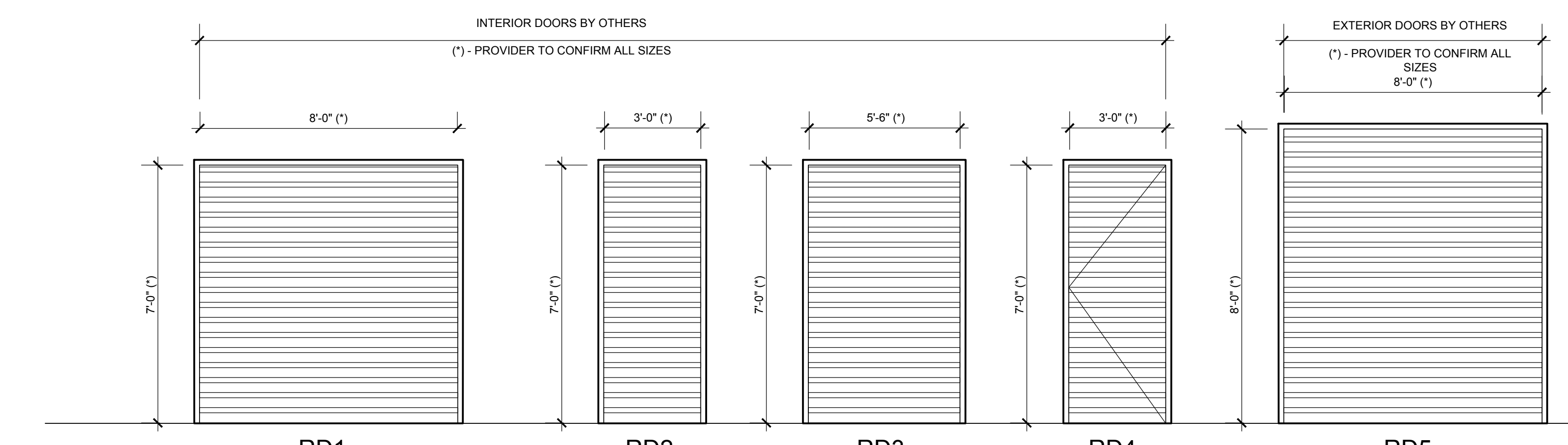
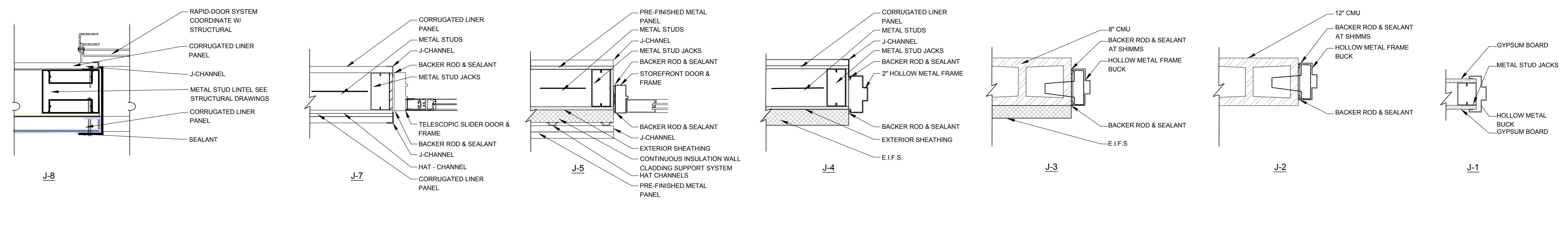
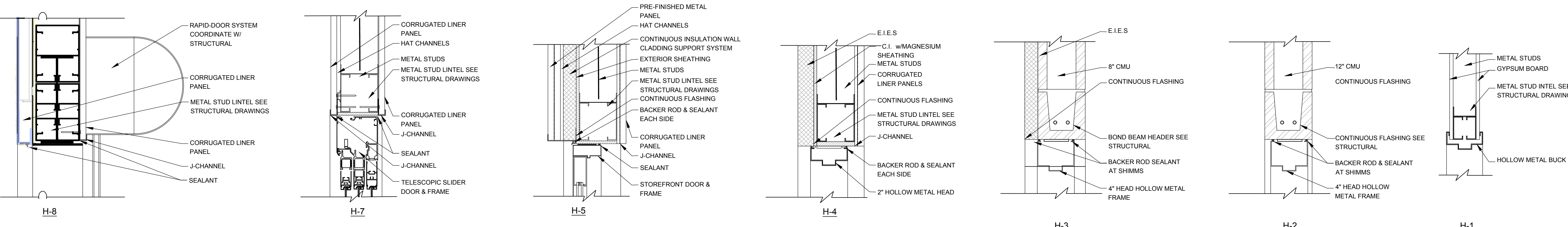
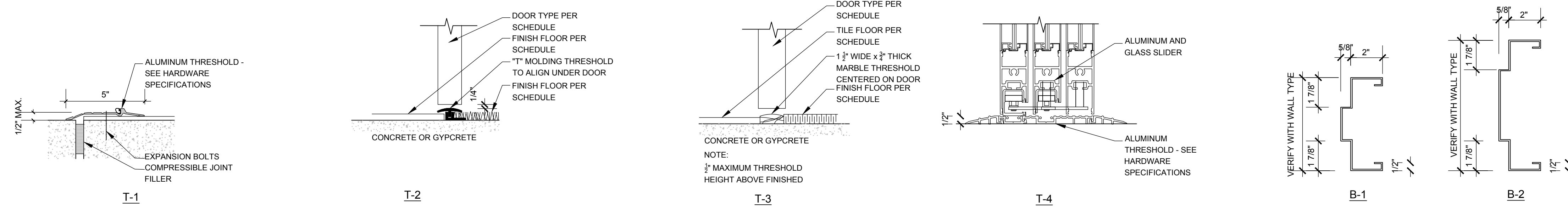
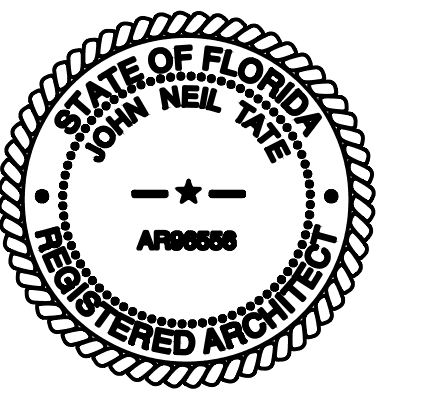
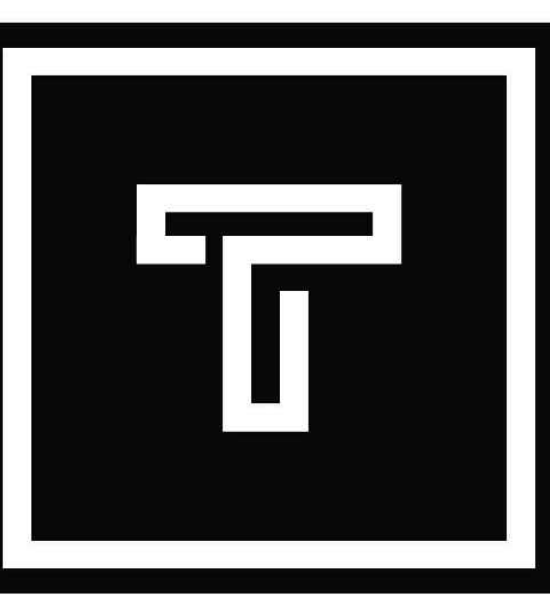
Commission:
MSSI Design LLC
8530 Cobb Center Drive
Kennesaw, GA -
New Self Storage Facility
45th Street
Palm Beach County - Mangonia Park, FL

Commission Number:
2021-26
Issue Date:
10/24/2022

Revisions:
sroa comments - 08.31.2023

Project Reference North

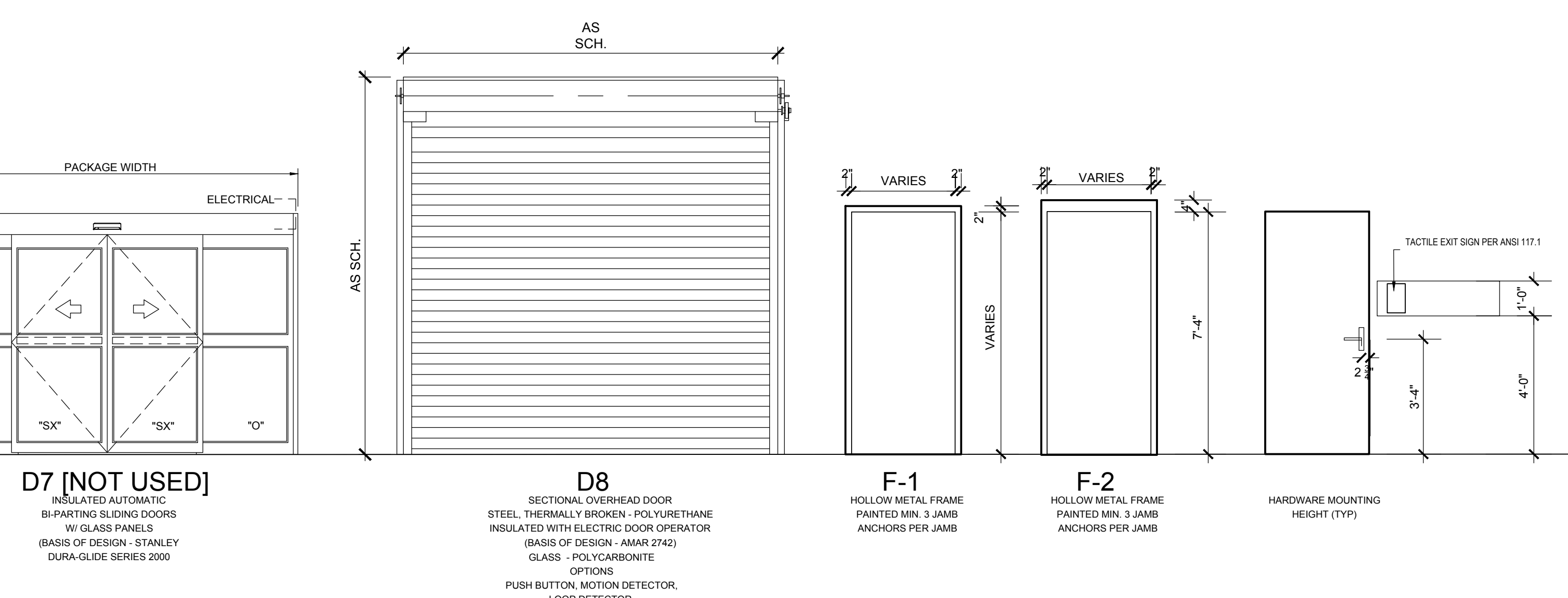
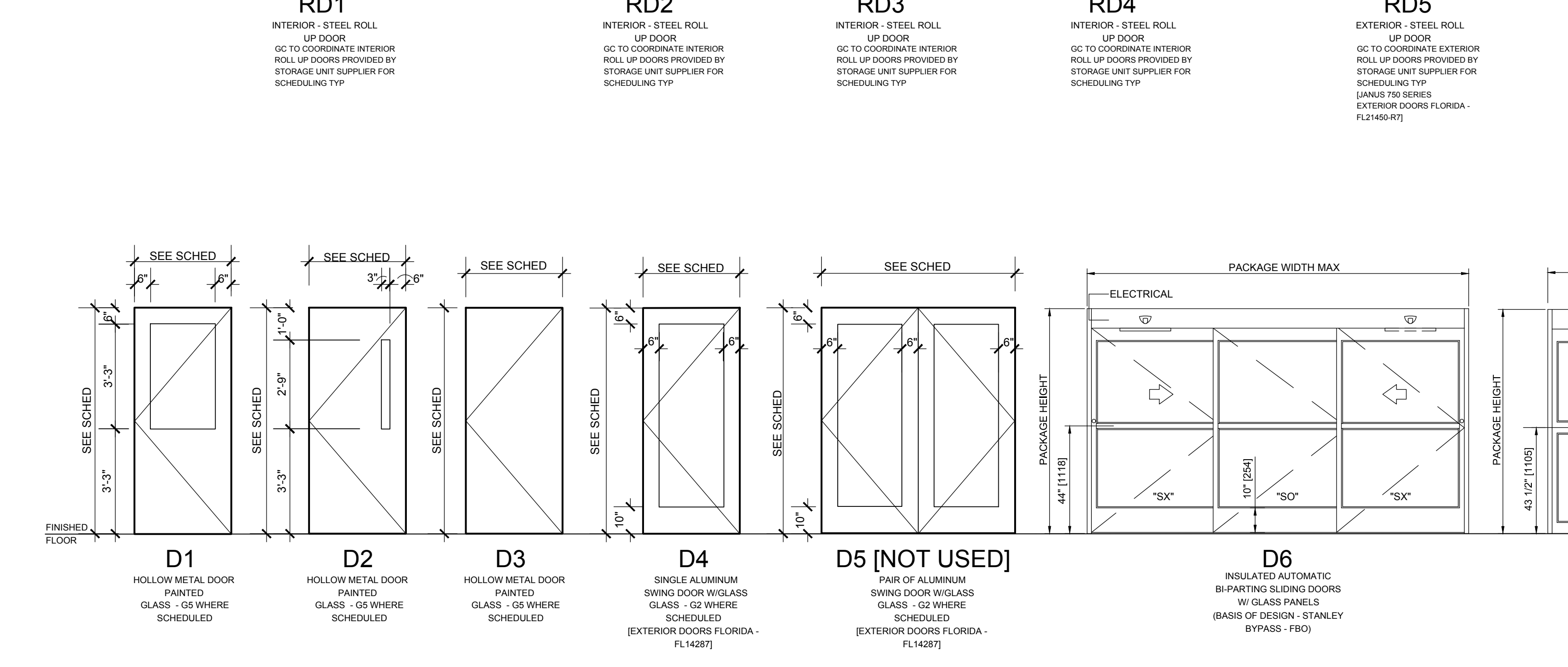




ADA ROLL-UP DOOR NOTES

FOR ALL UNITS DESIGNATED ON THE PLANS TO BE ACCESSIBLE THE FOLLOWING SHALL APPLY:

1. A pull must be installed on the door exterior no lower than 15" and no higher than 48".
2. Pull must have a loop large enough for a fist to fit into.
3. A nylon rope must be installed on the bottom bar which hangs 15" - 48" when door is open.
4. Rope must also contain a loop large enough to fit a fist and replaces the traditional rope.
5. An accessibility plaque with Braille must be clearly displayed.
6. Door must be tensioned at 5lbs. maximum force as it pertains to the continuous application of force necessary to fully open a door, not the initial force needed to overcome the inertia of the door.
7. Locate per ADA Unit Mix - Sheet AG0001.0

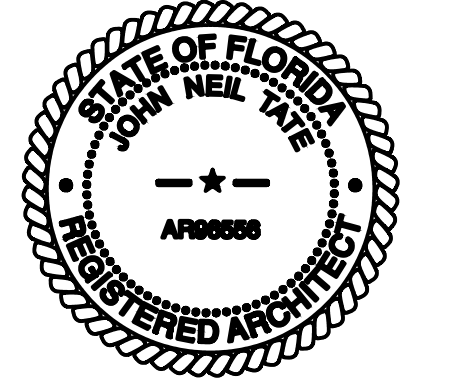
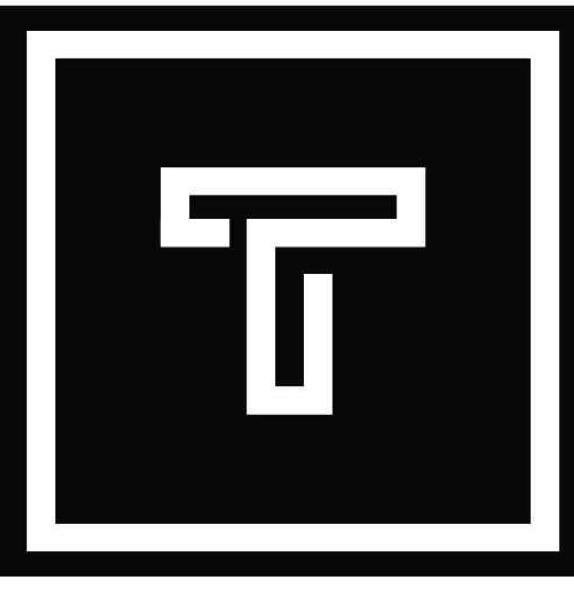


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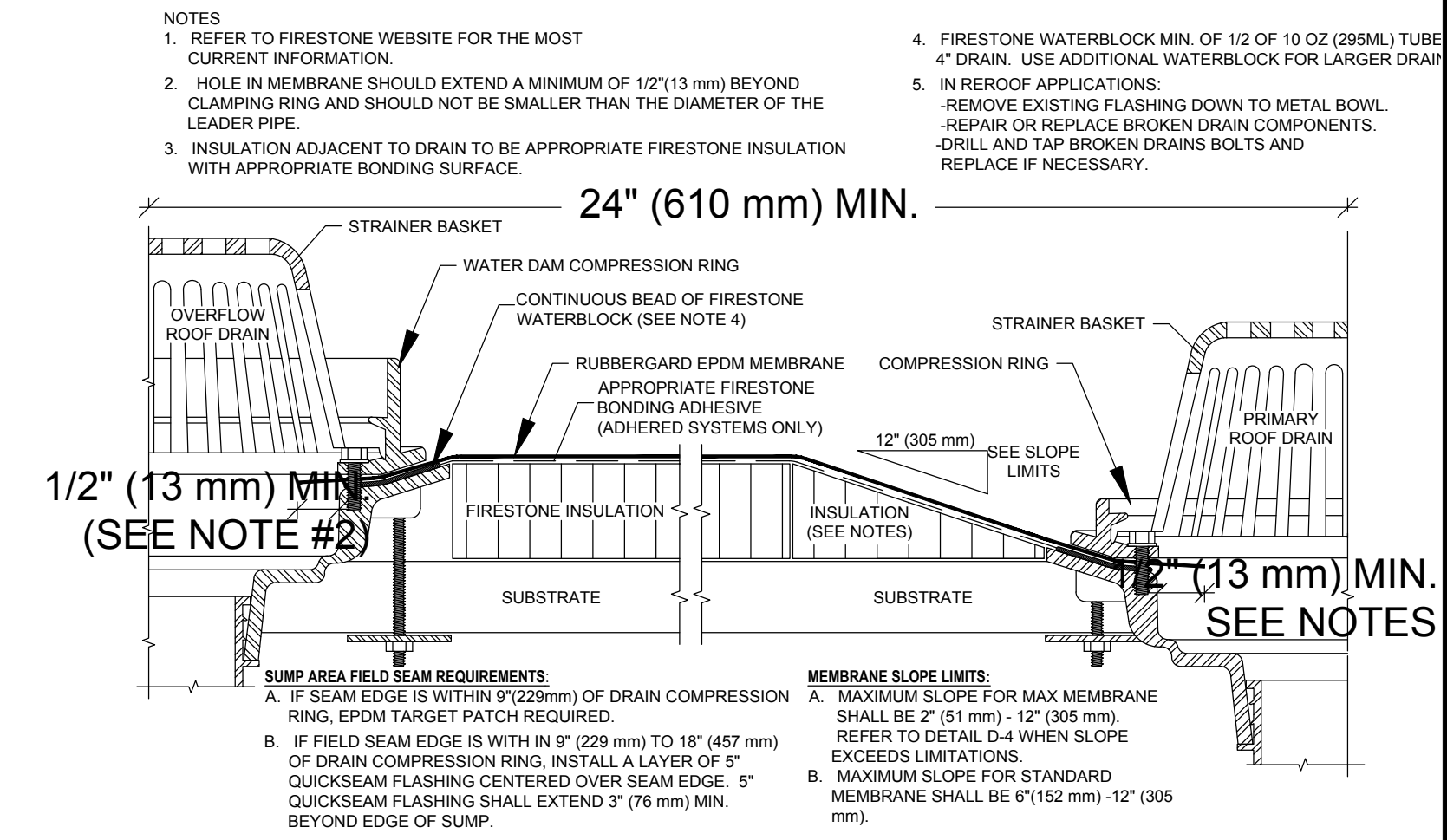
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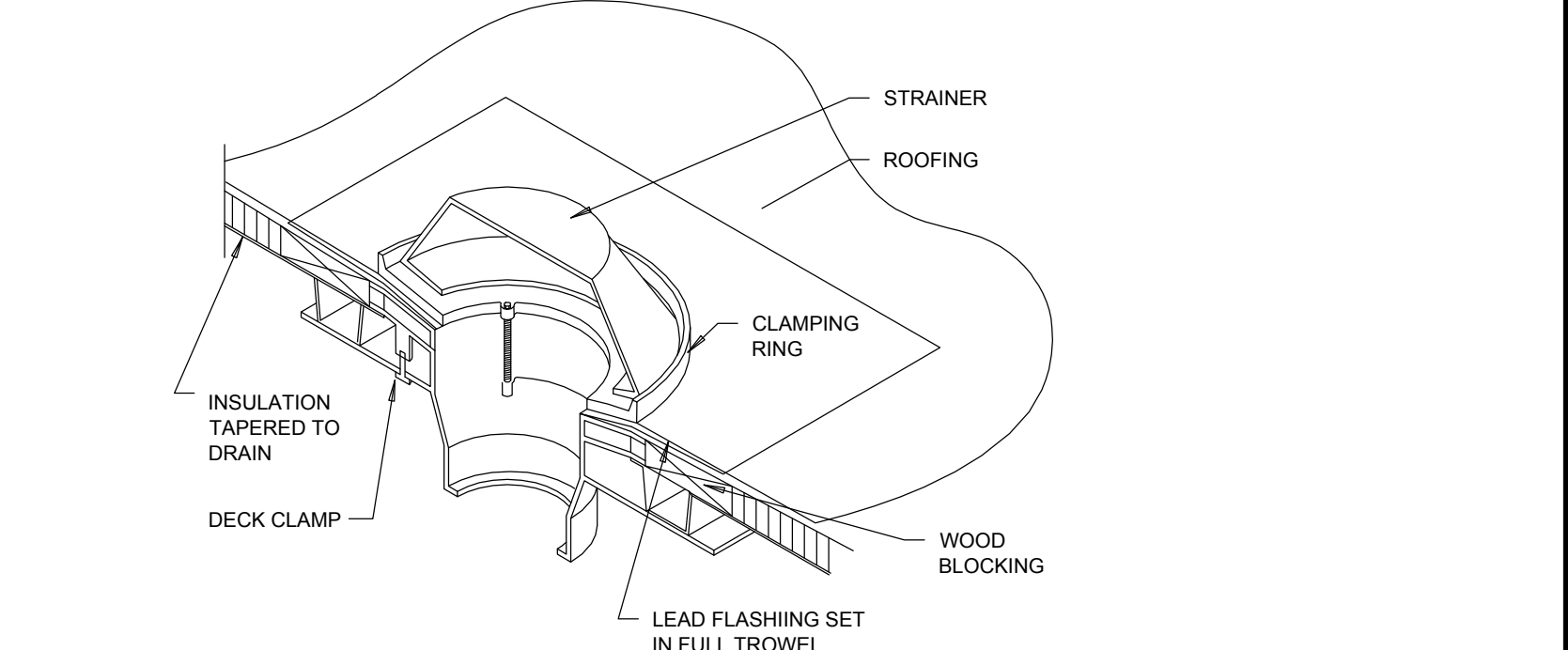
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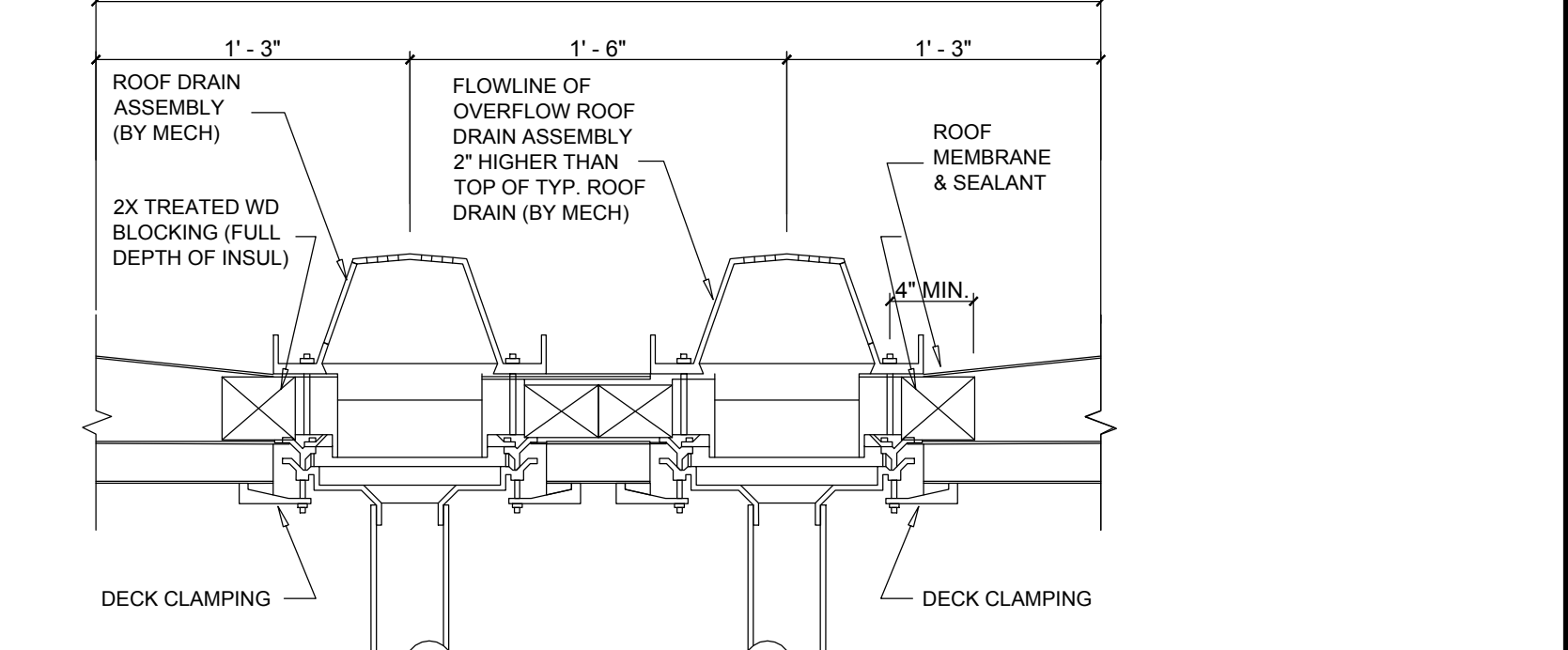
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Details



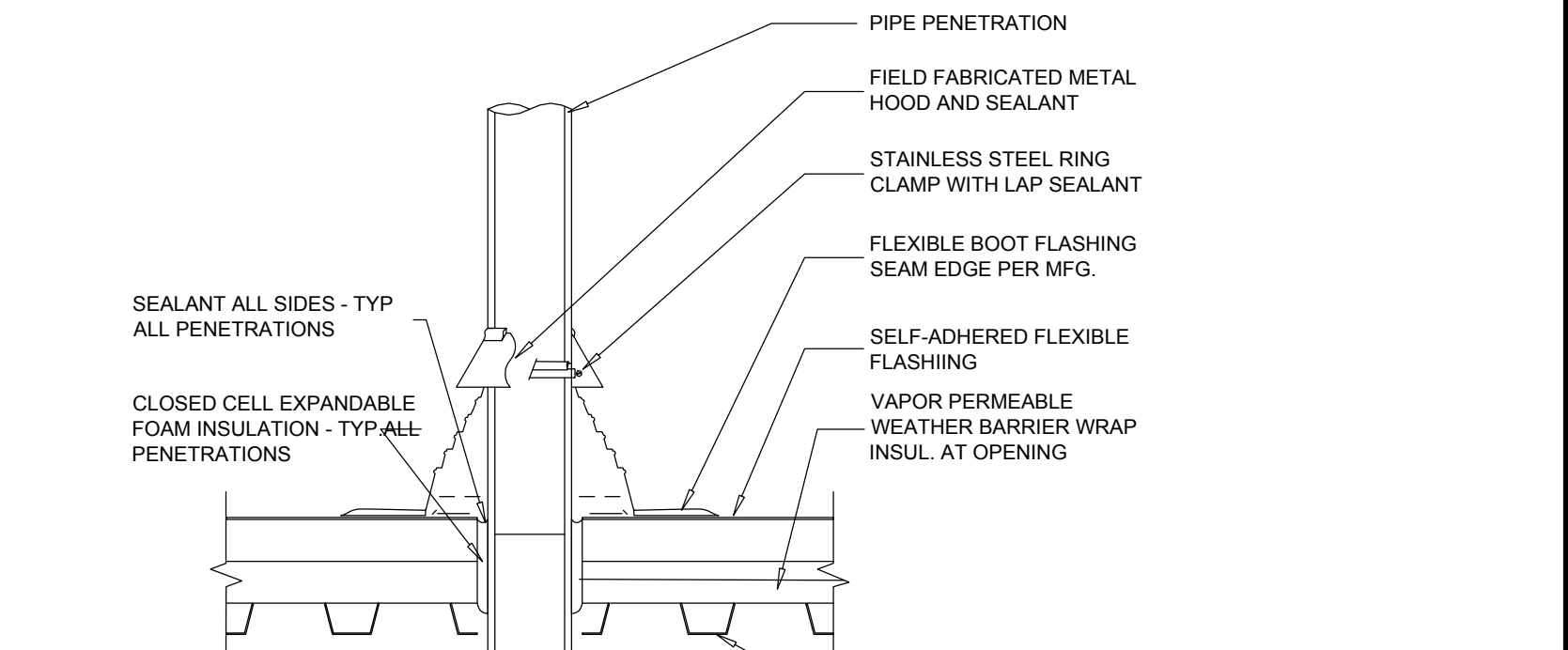
AG0009.4 SECTION - INTERNAL RD'S SCALE: NTS



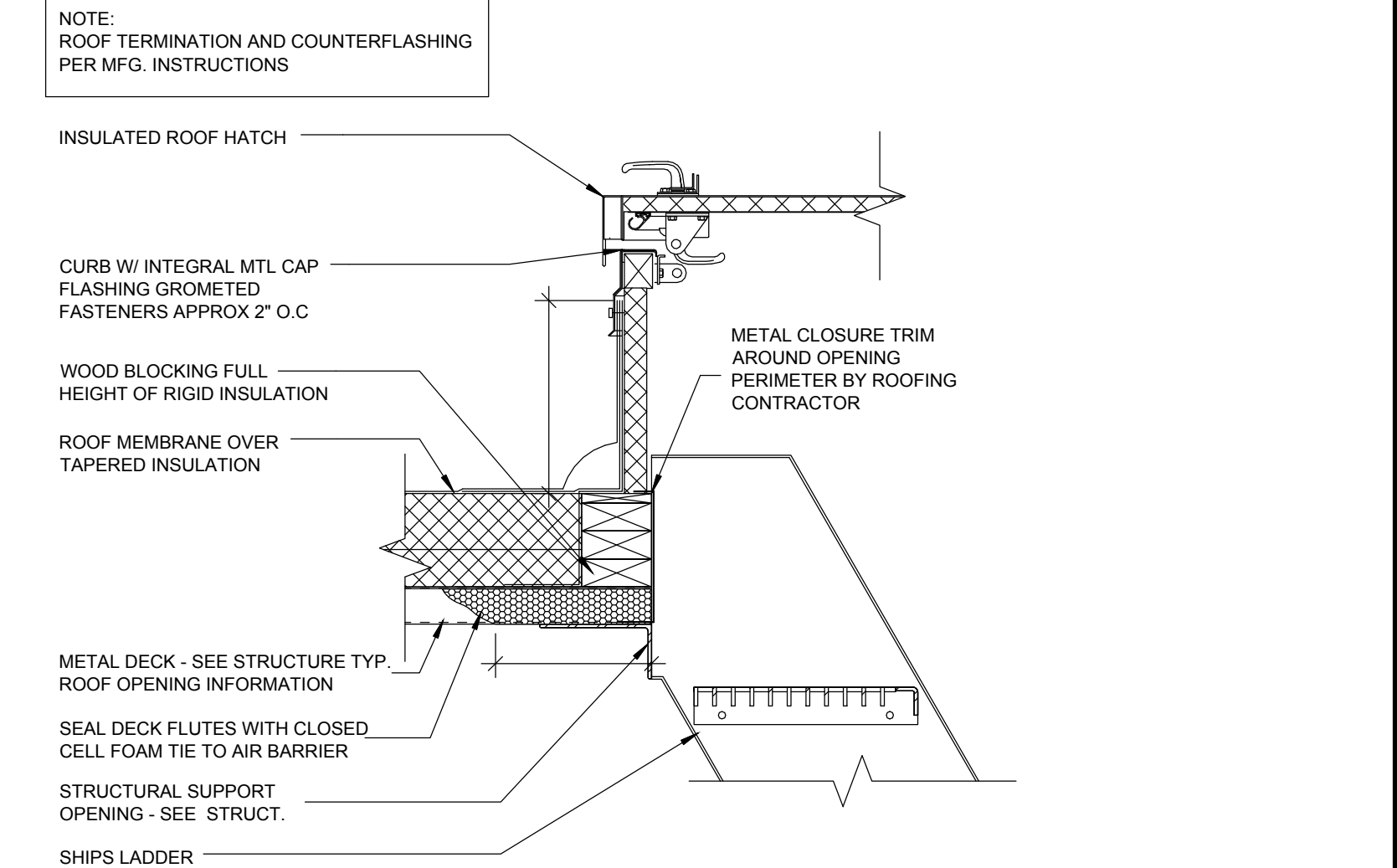
AG0009.3 ISOMETRIC - PROCEDURE SCALE: NTS



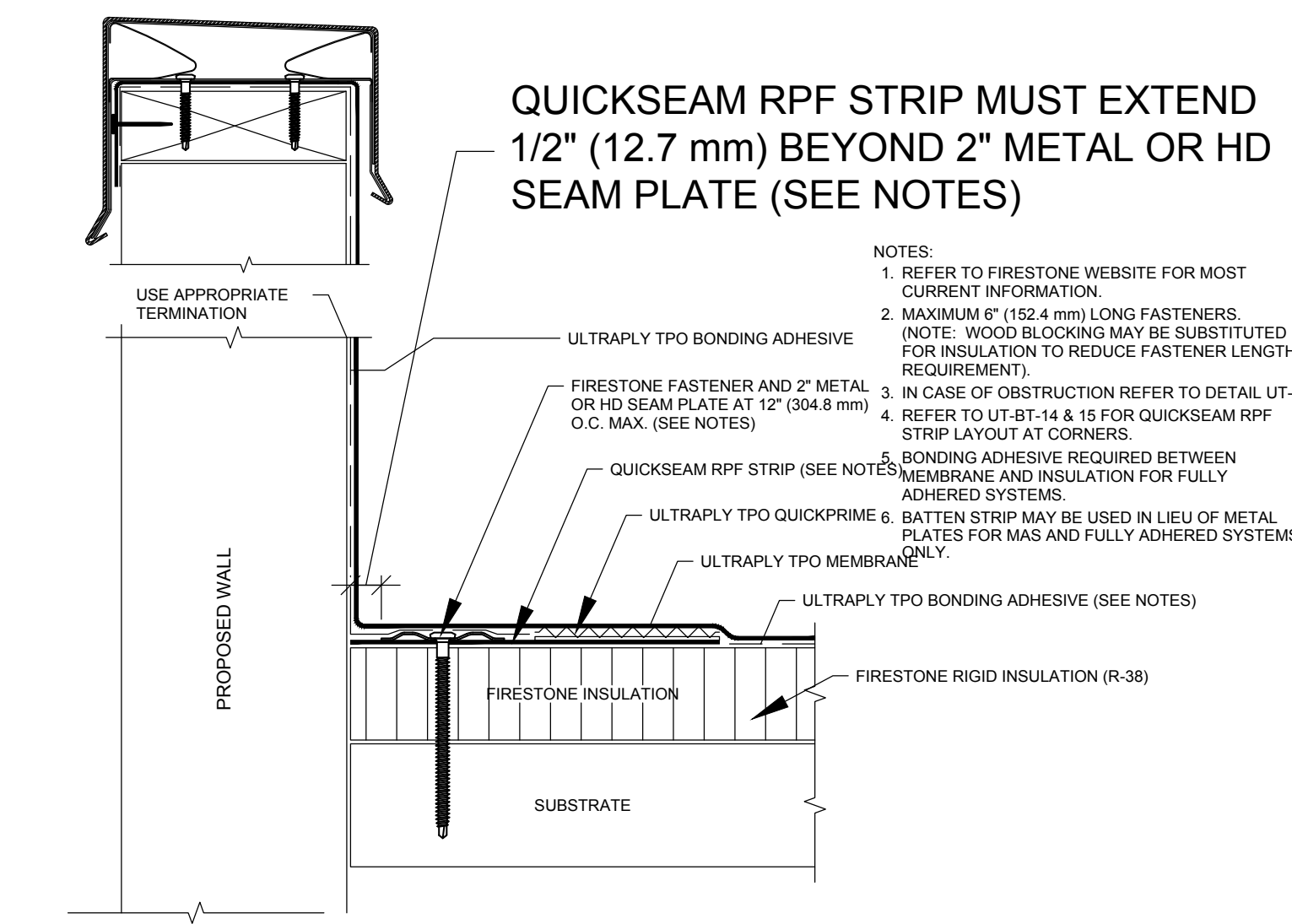
AG0009.2 SECTION - INTERNAL RD'S SCALE: NTS



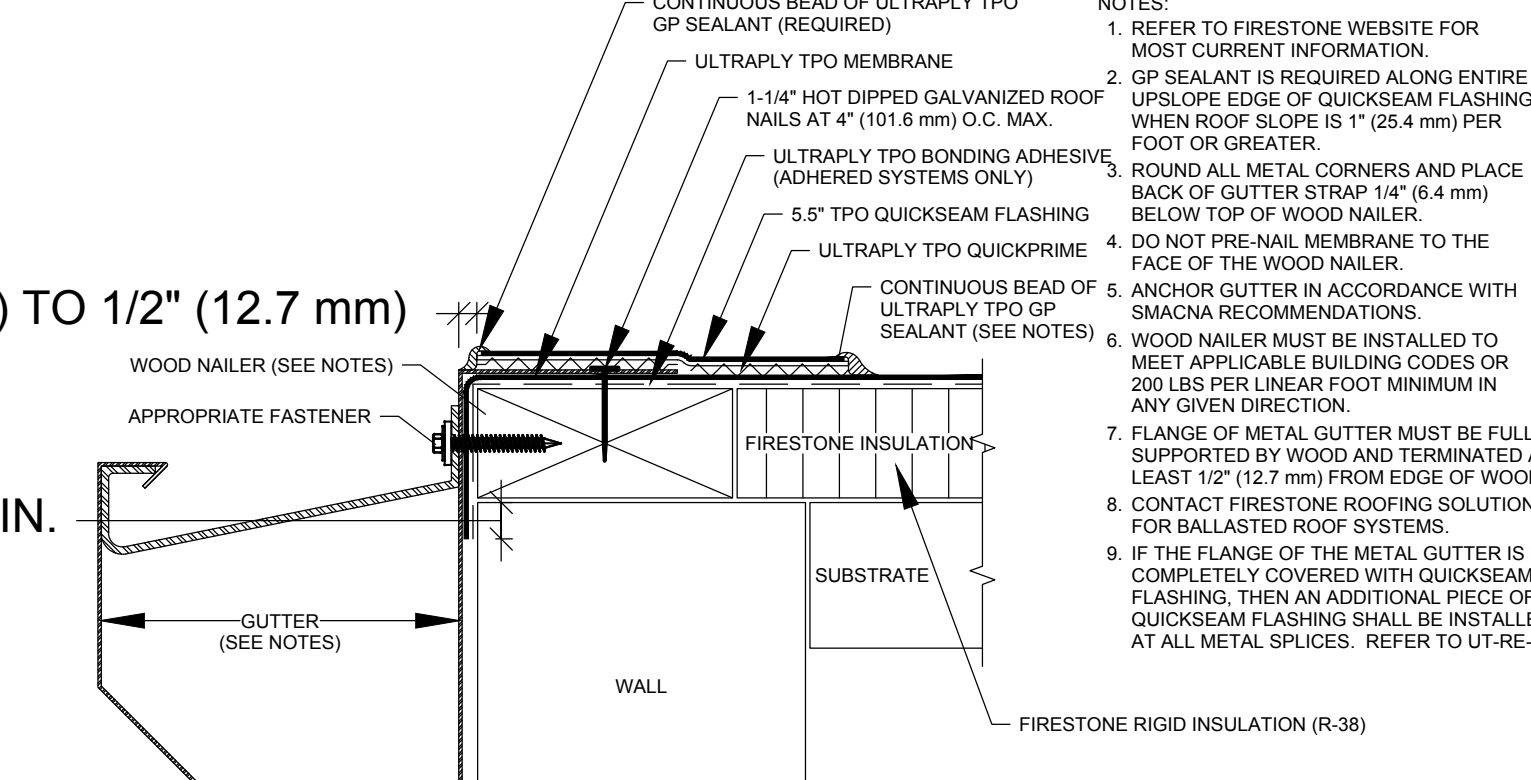
AG0009.1 SECTION - PIPE PENETRATION SCALE: NTS



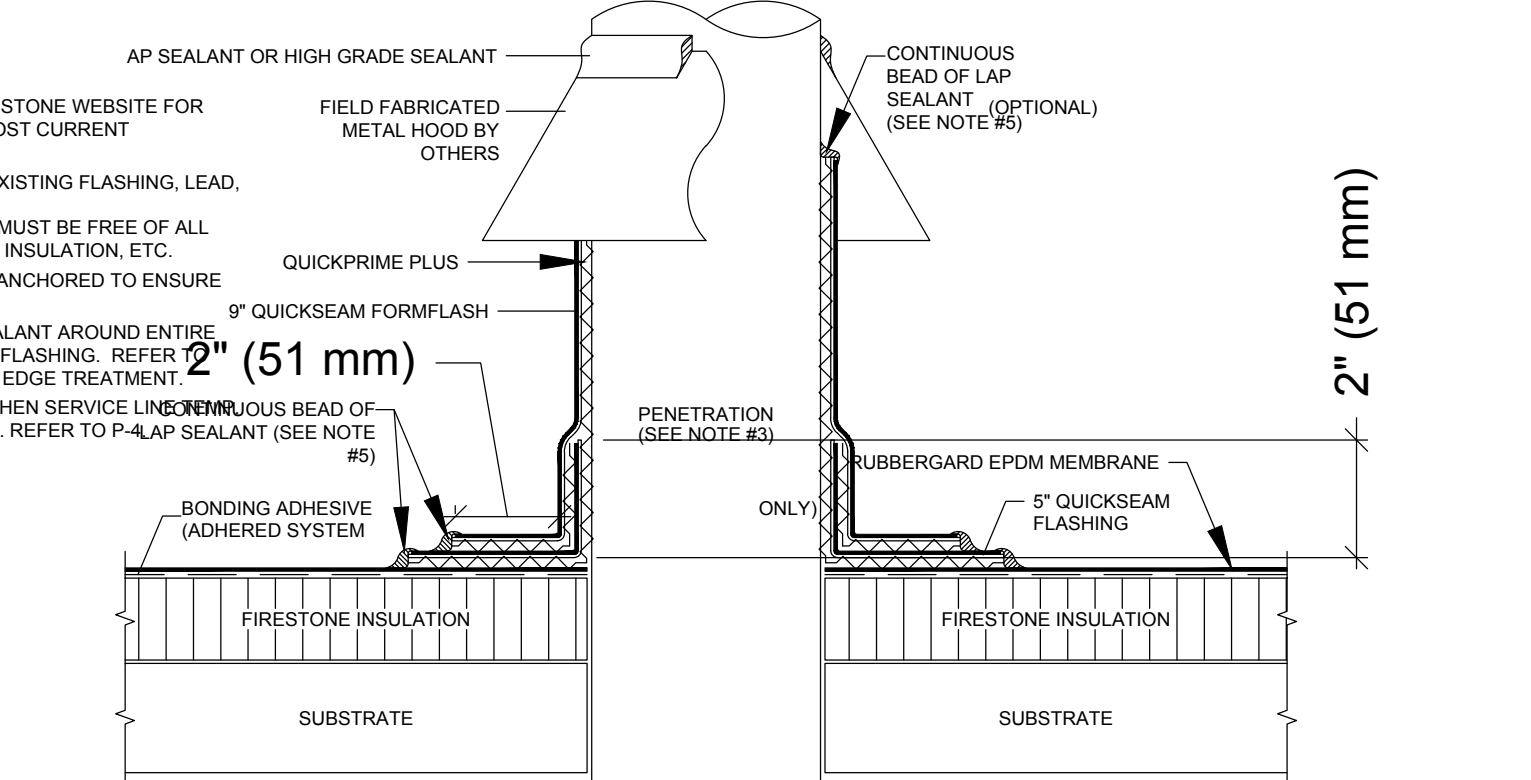
AG0009.0 SECTION - ROOF HATCH SCALE: NTS



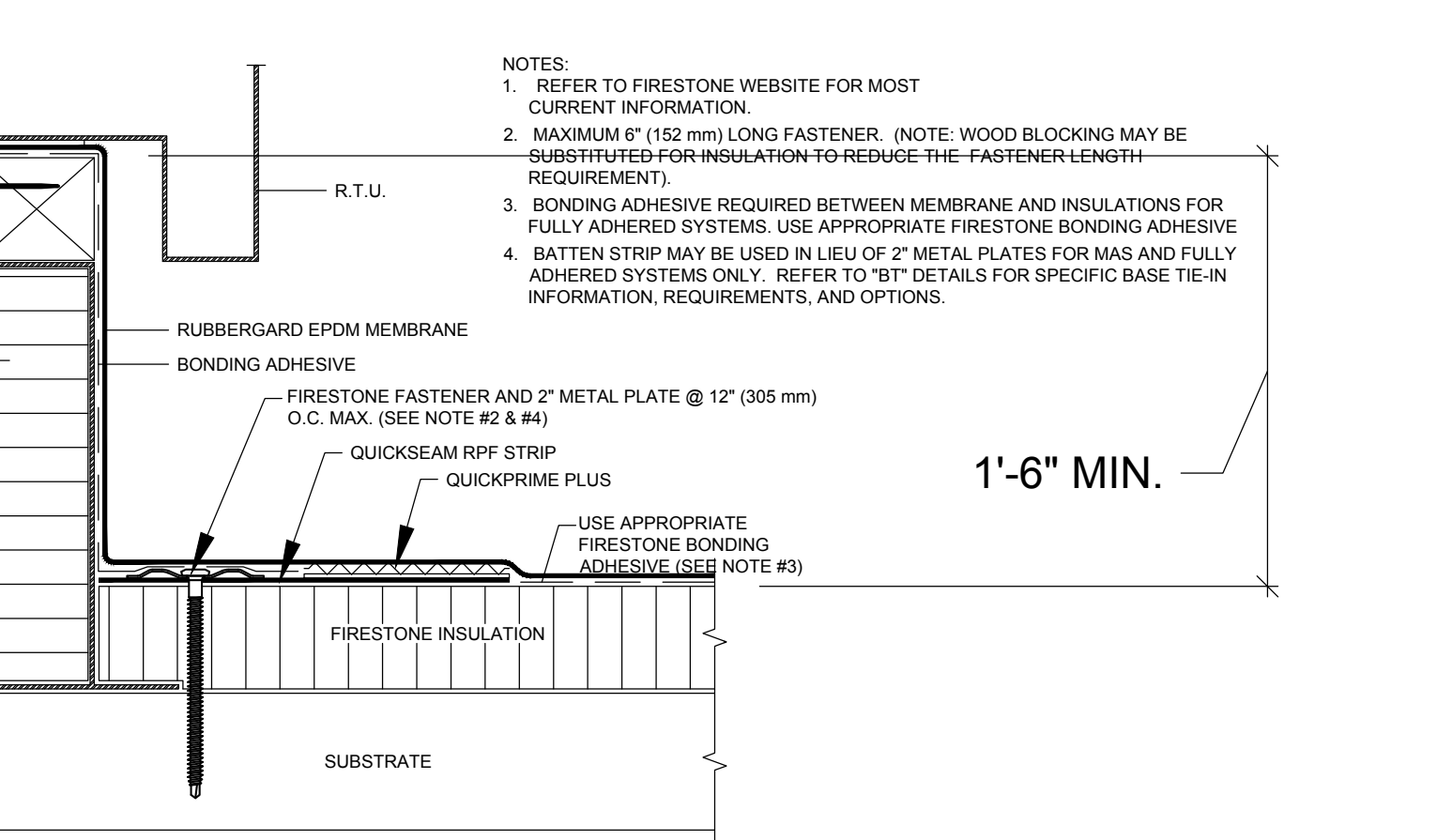
AG0009.9 SECTION - EXTERIOR WALL SCALE: NTS



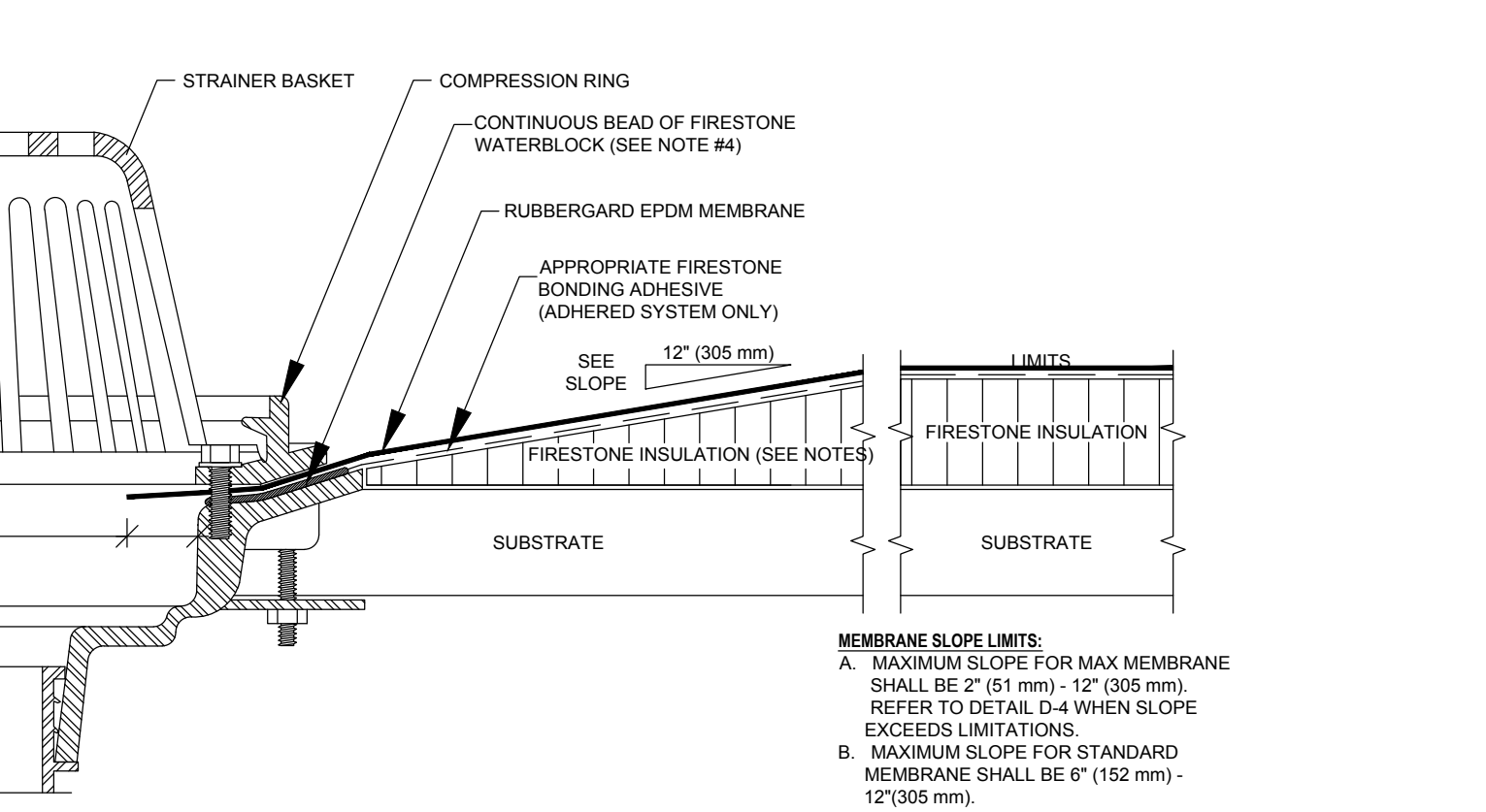
AG0009.8 SECTION - GUTTER SCALE: NTS



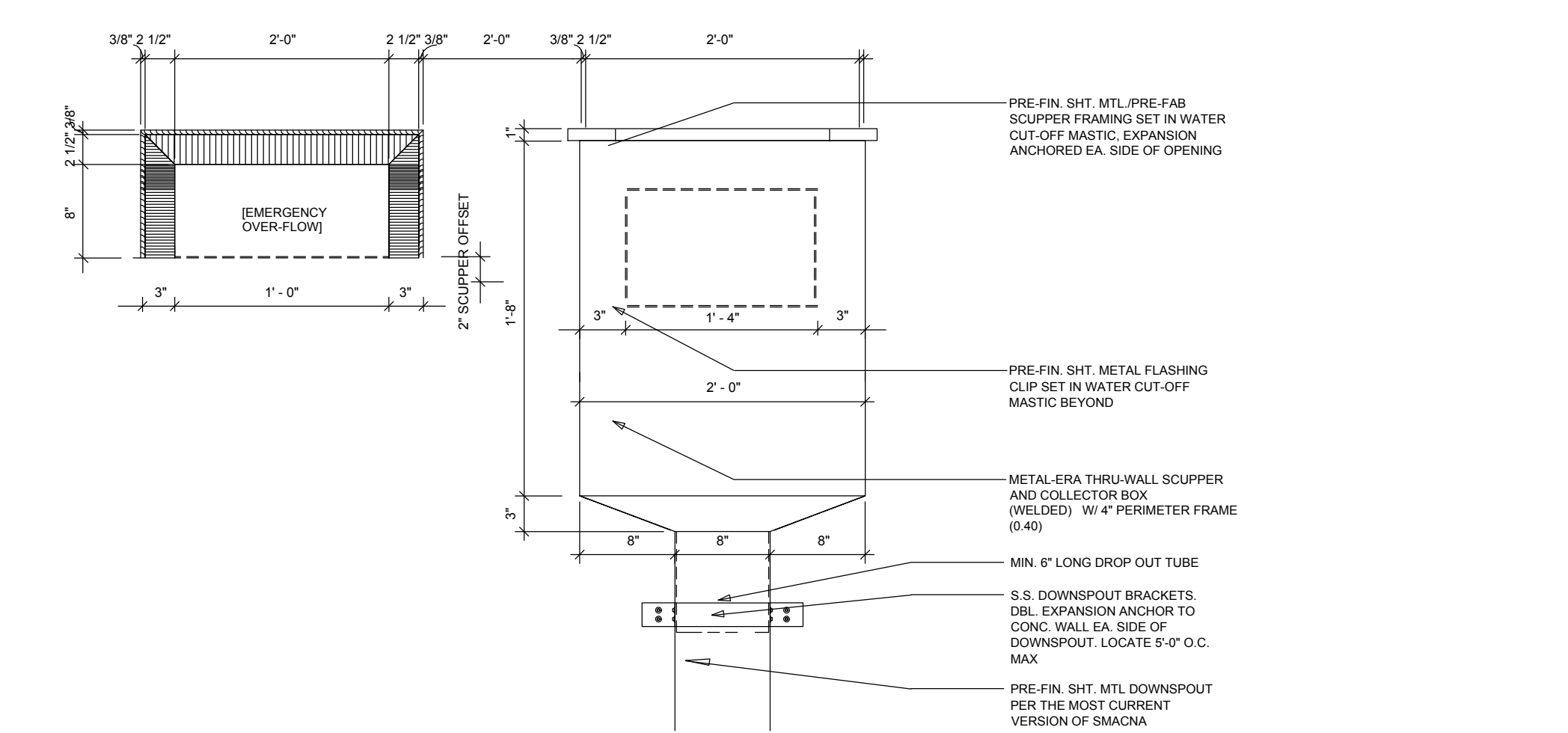
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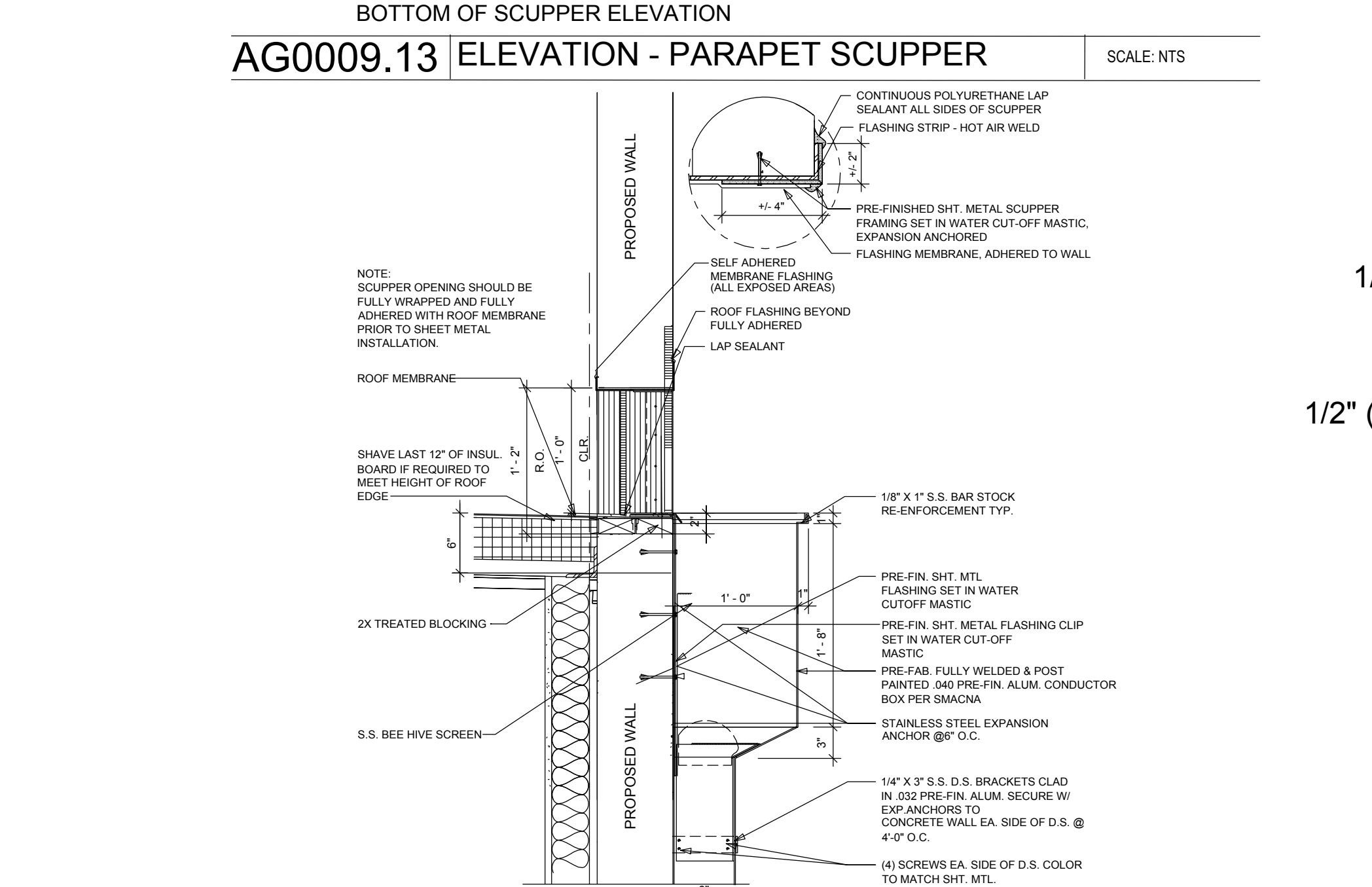
AG0009.6 SECTION - HVAC CURB SCALE: NTS



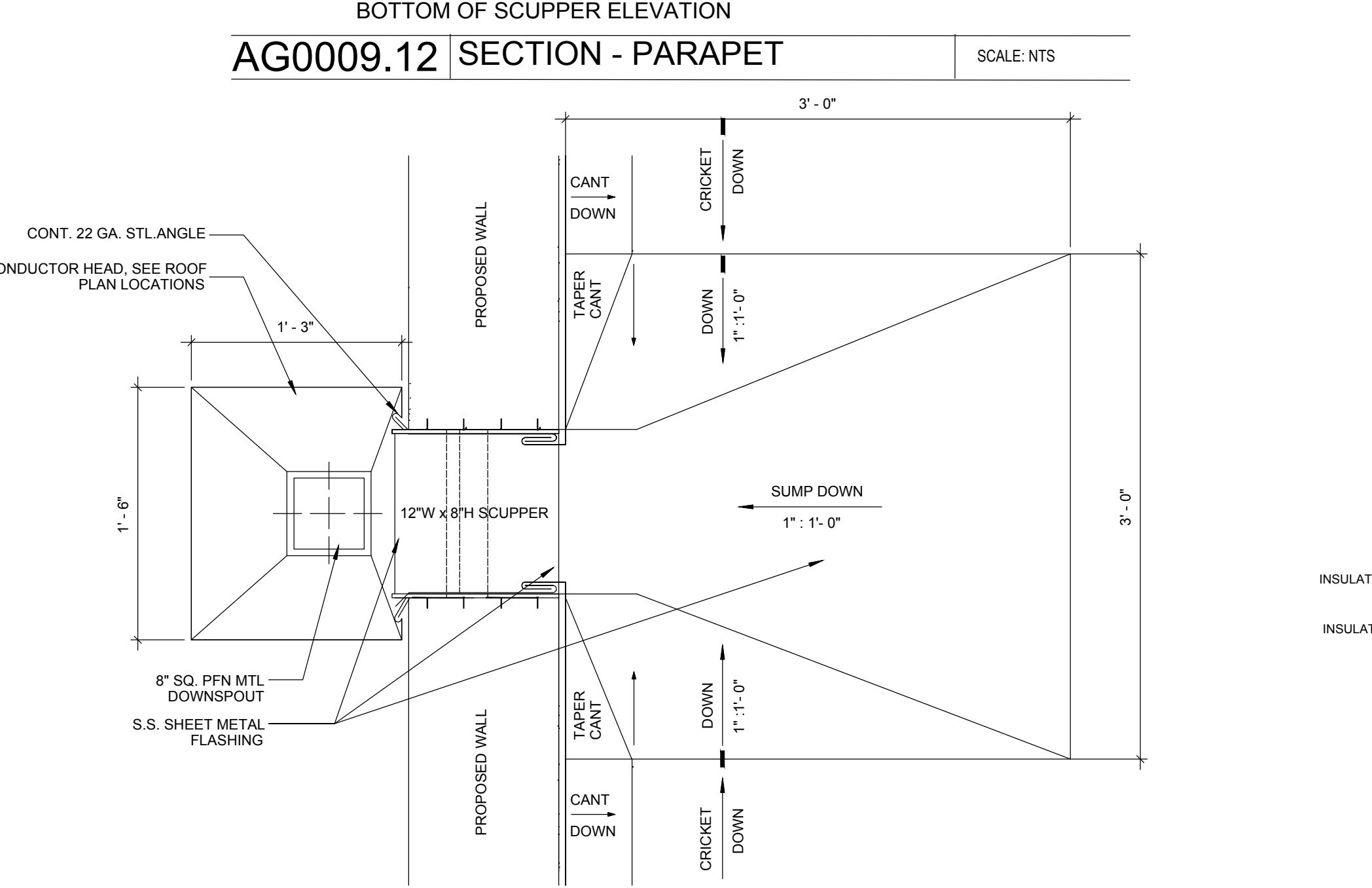
AG0009.5 SECTION - INTERNAL RD'S SCALE: NTS



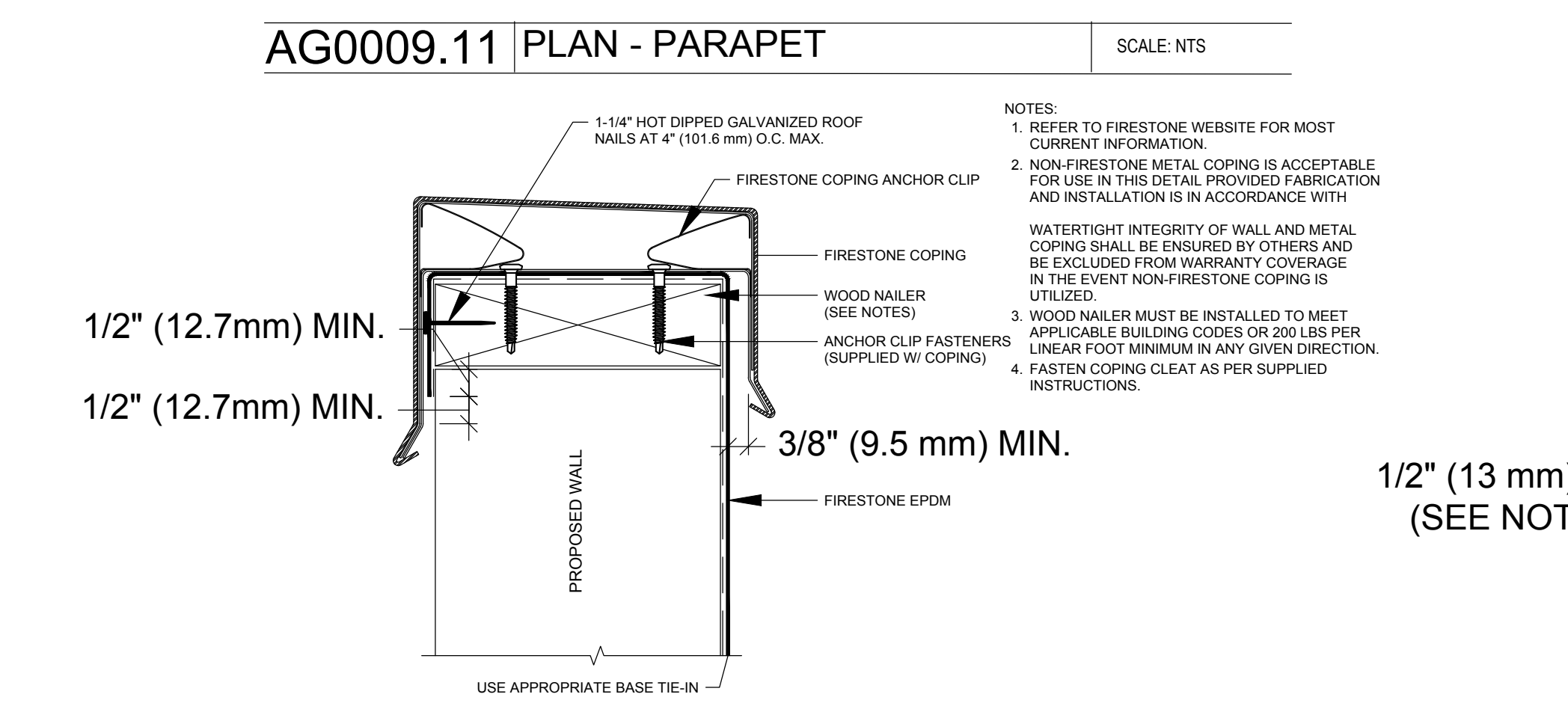
AG0009.13 ELEVATION - PARAPET SCUPPER SCALE: NTS



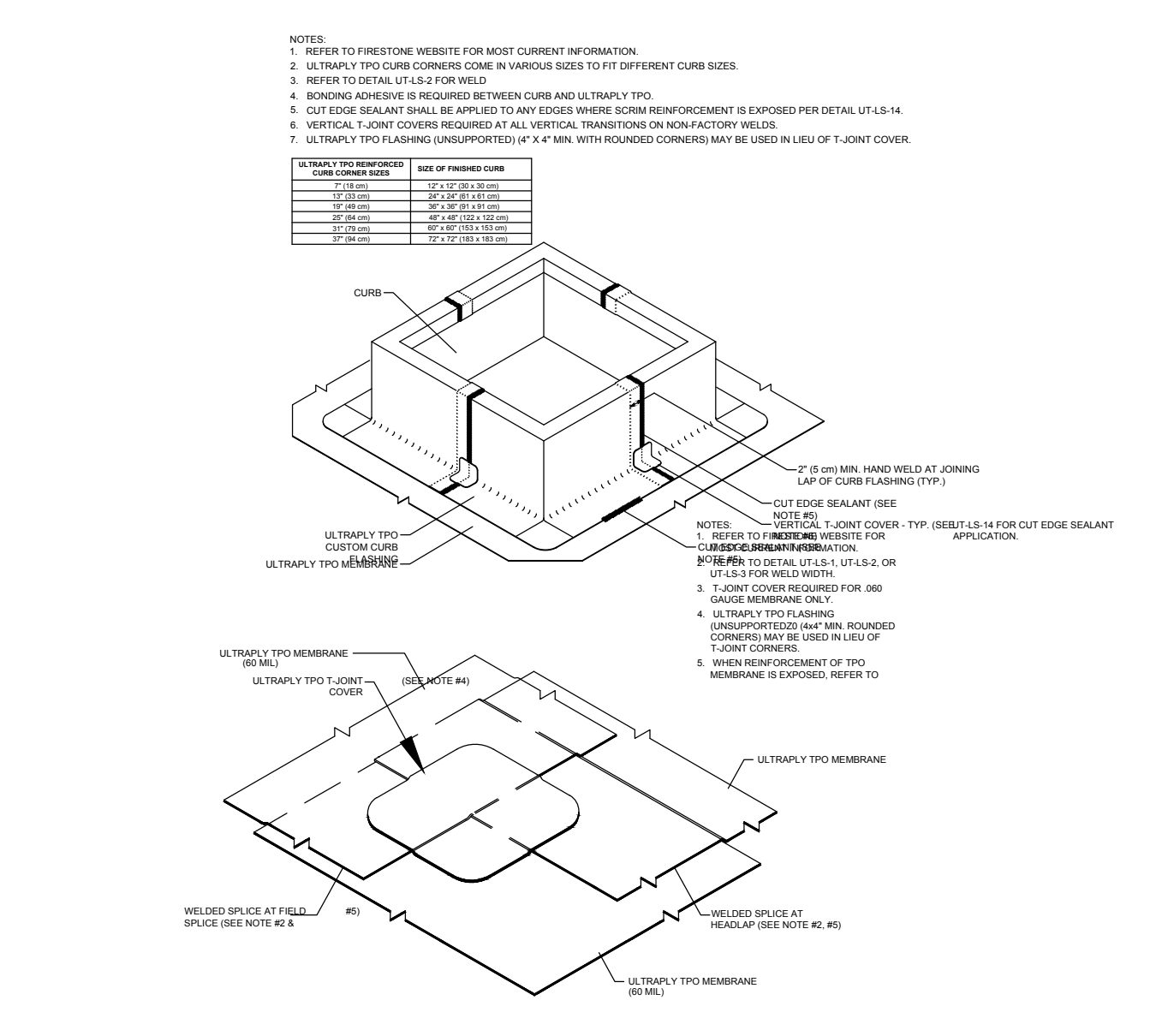
AG0009.12 SECTION - PARAPET SCALE: NTS



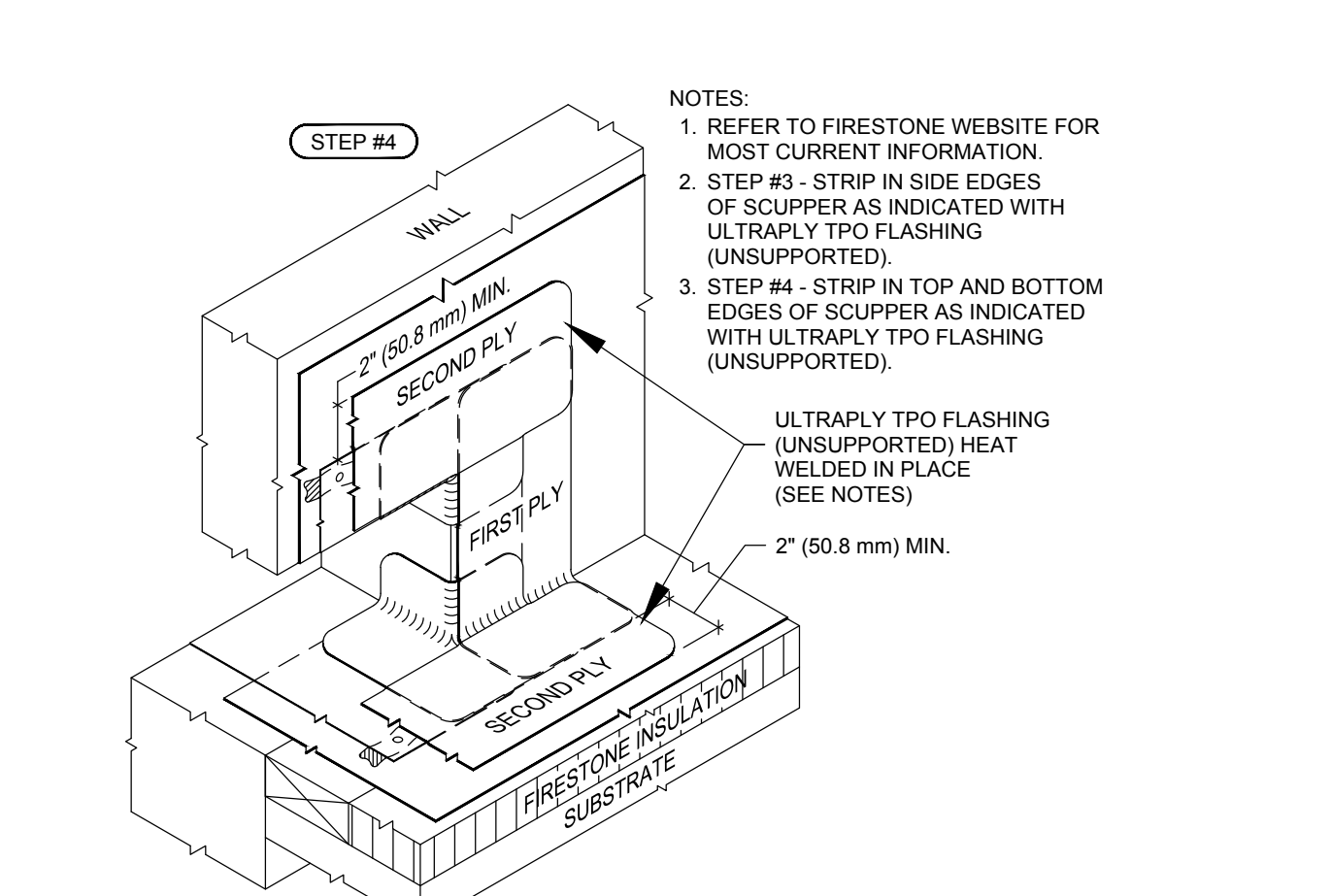
AG0009.11 PLAN - PARAPET SCALE: NTS



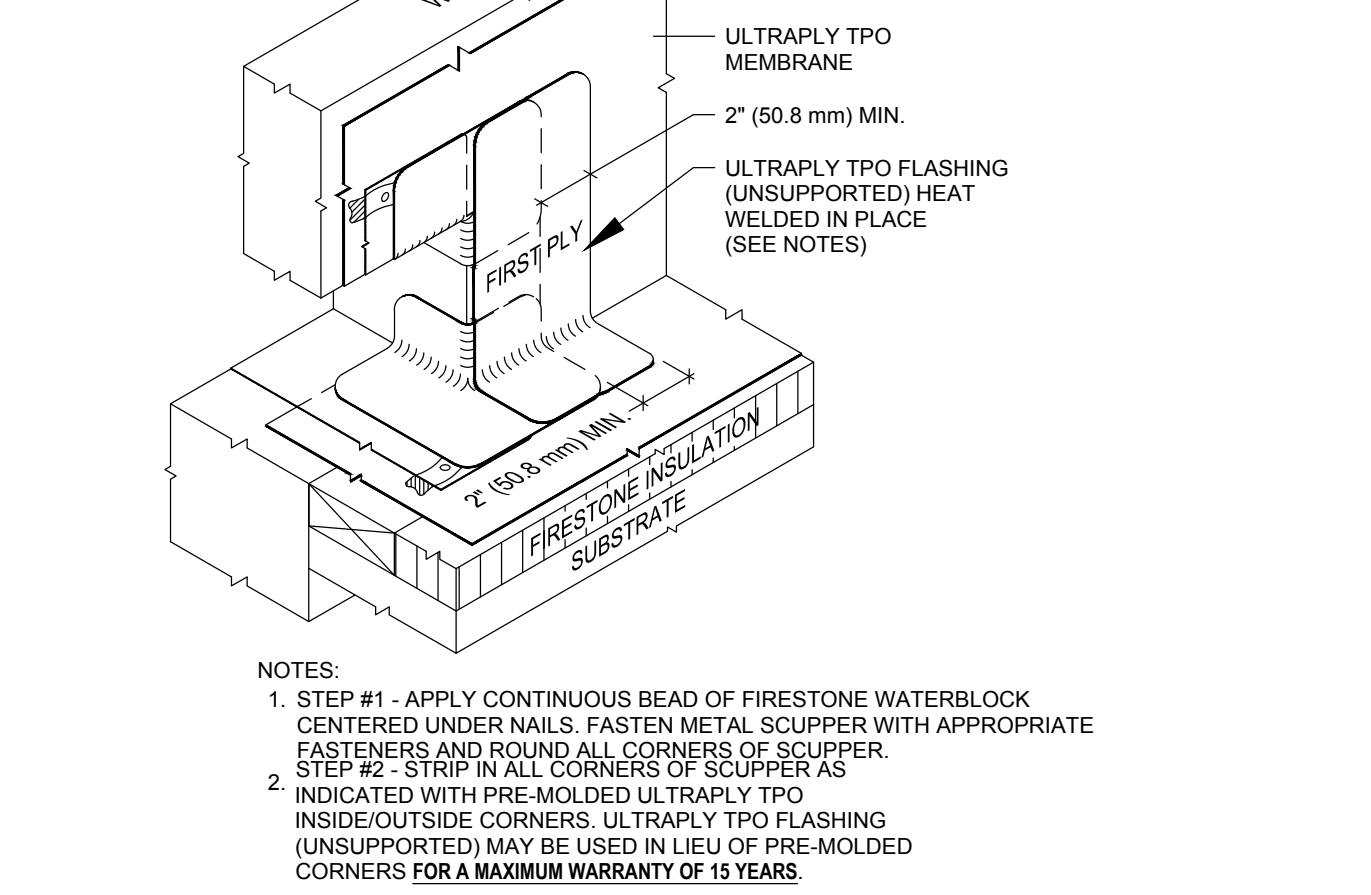
AG0009.10 SECTION - COPING SCALE: NTS



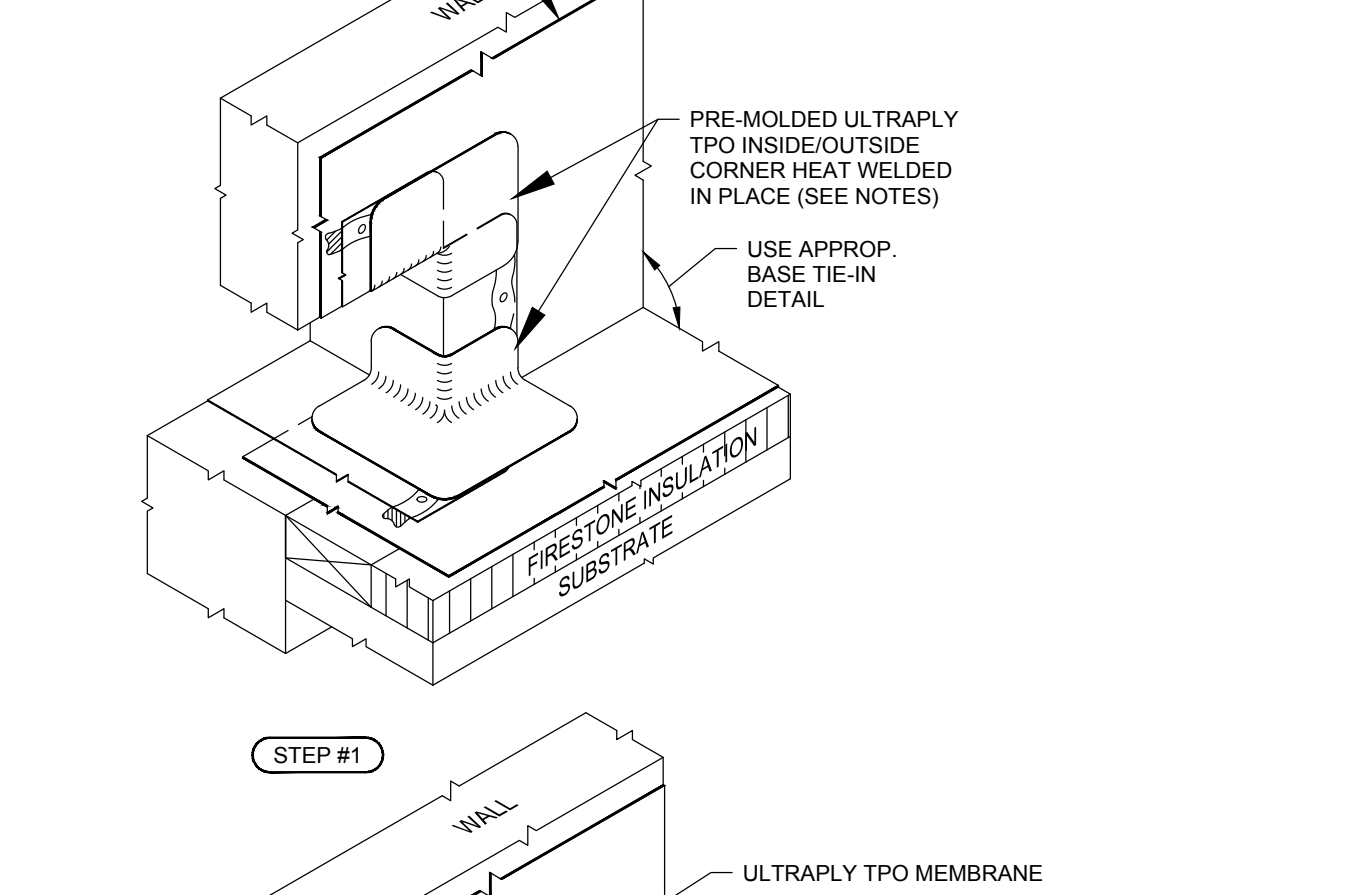
AG0009.15 ISOMETRICS OF CURB SCALE: NTS



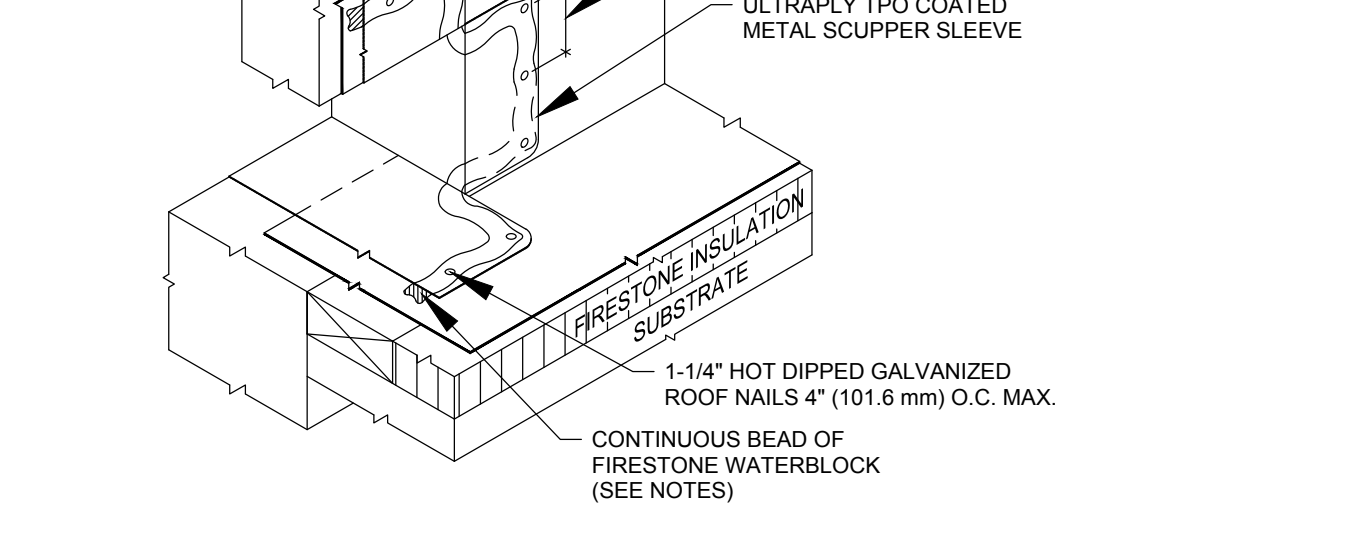
AG0009.14 ISOMETRICS OF PARAPET SCALE: NTS



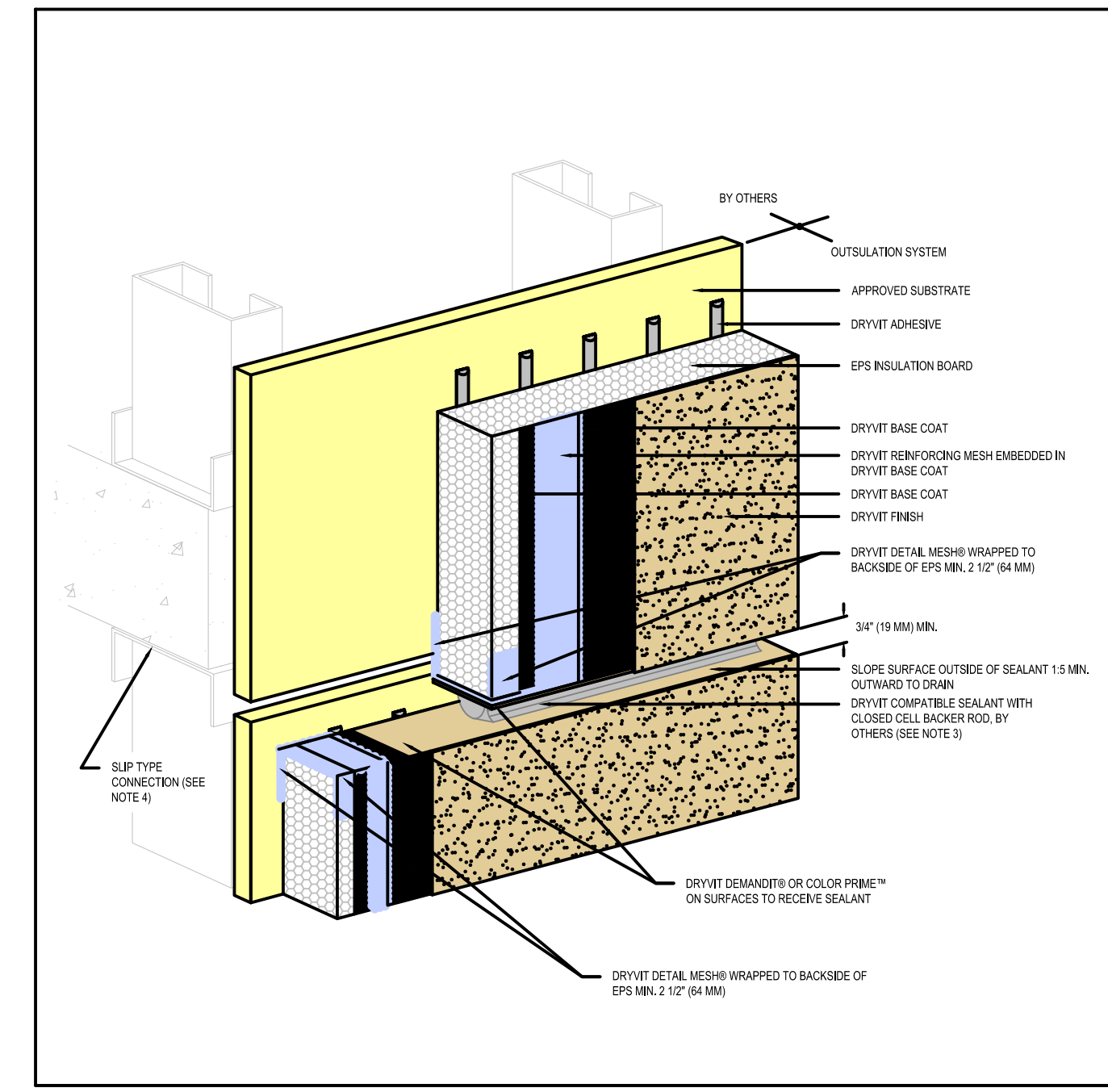
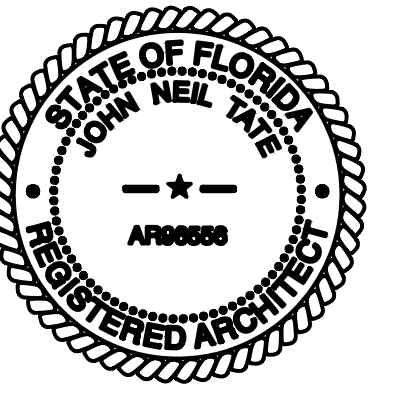
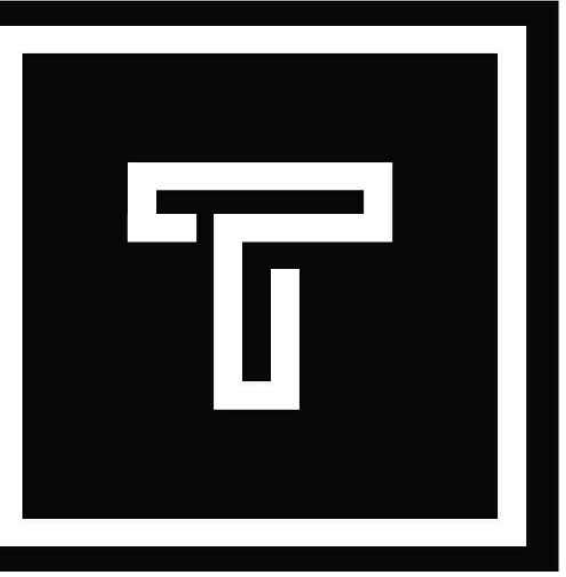
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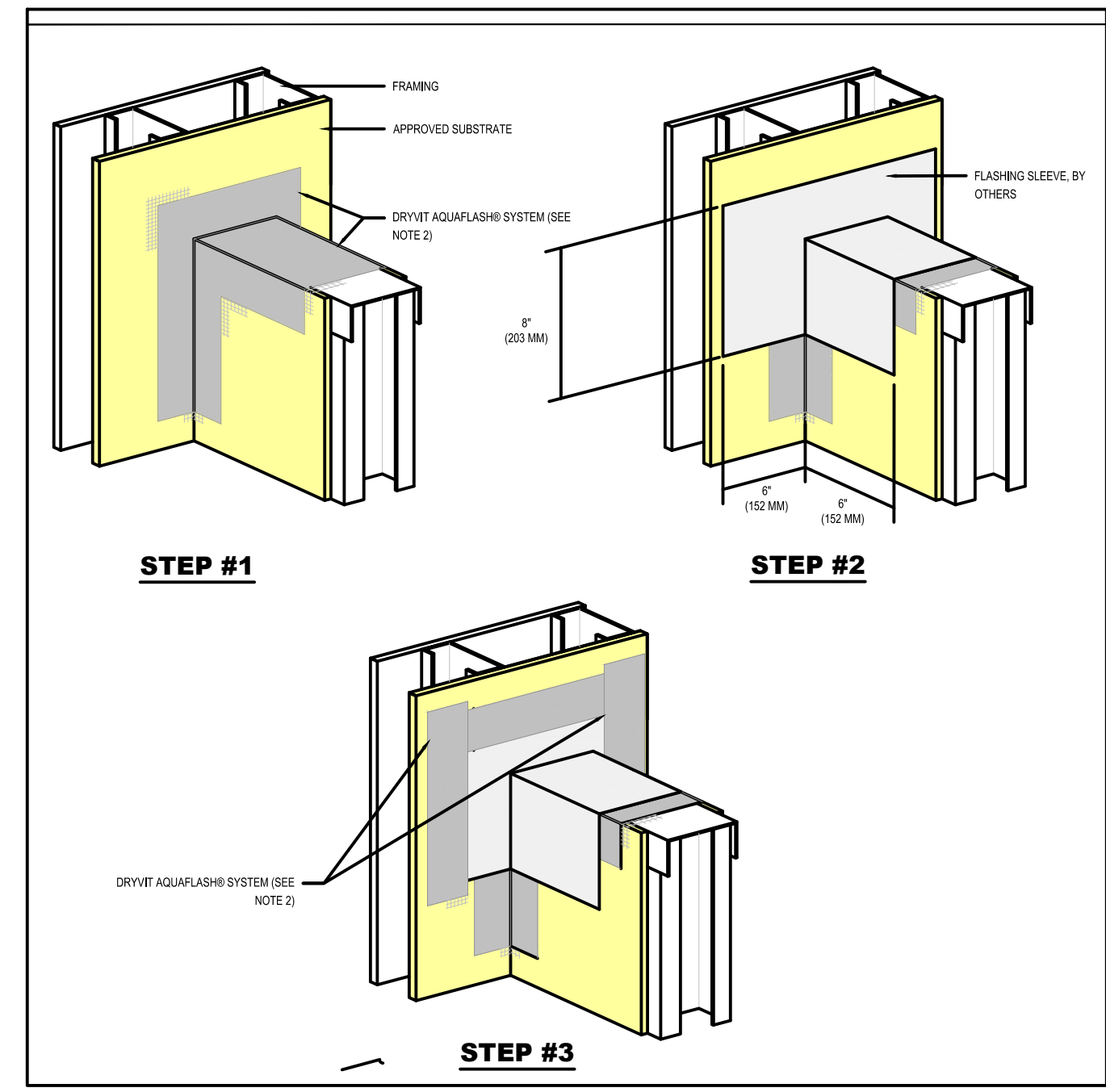
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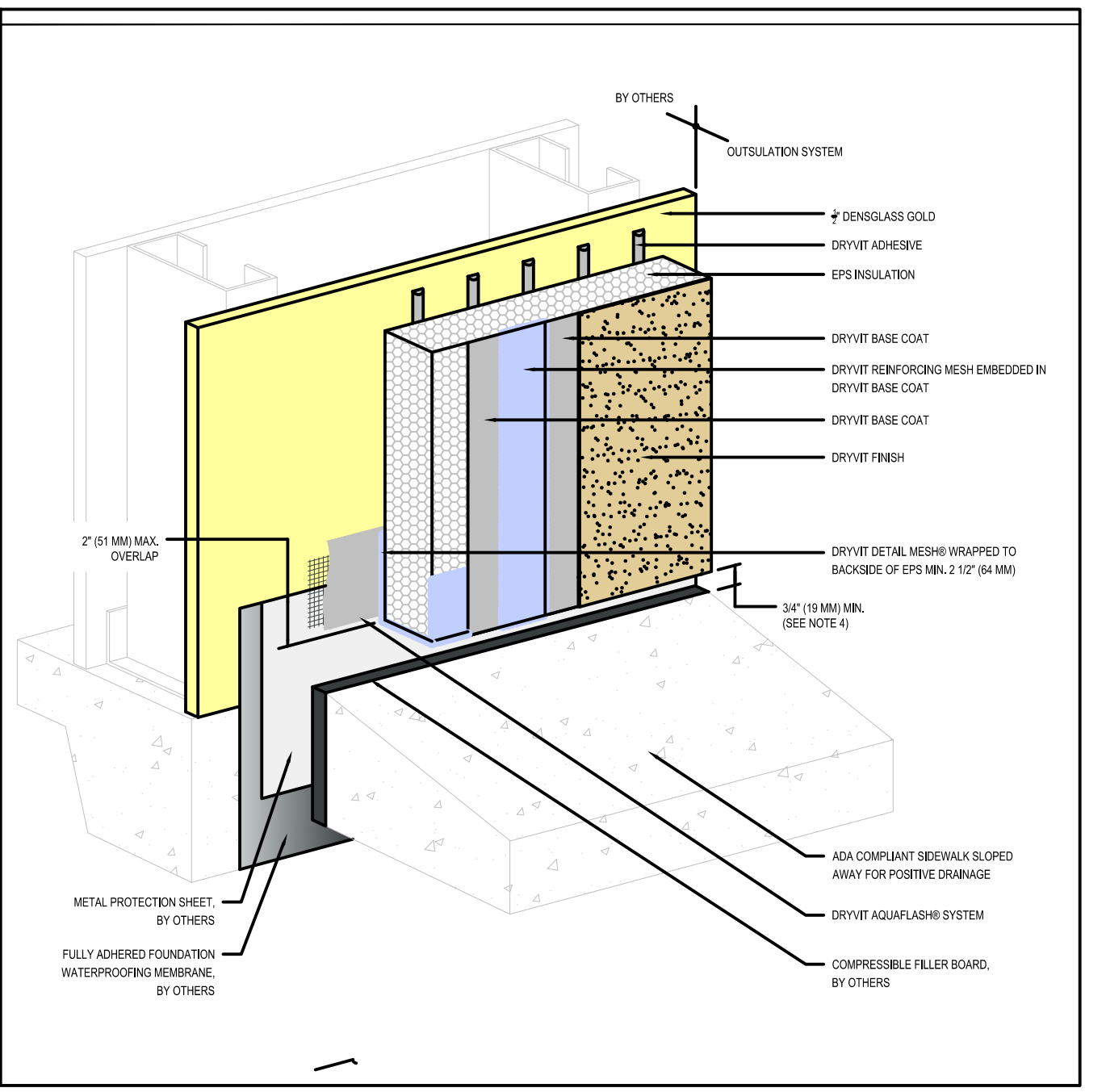
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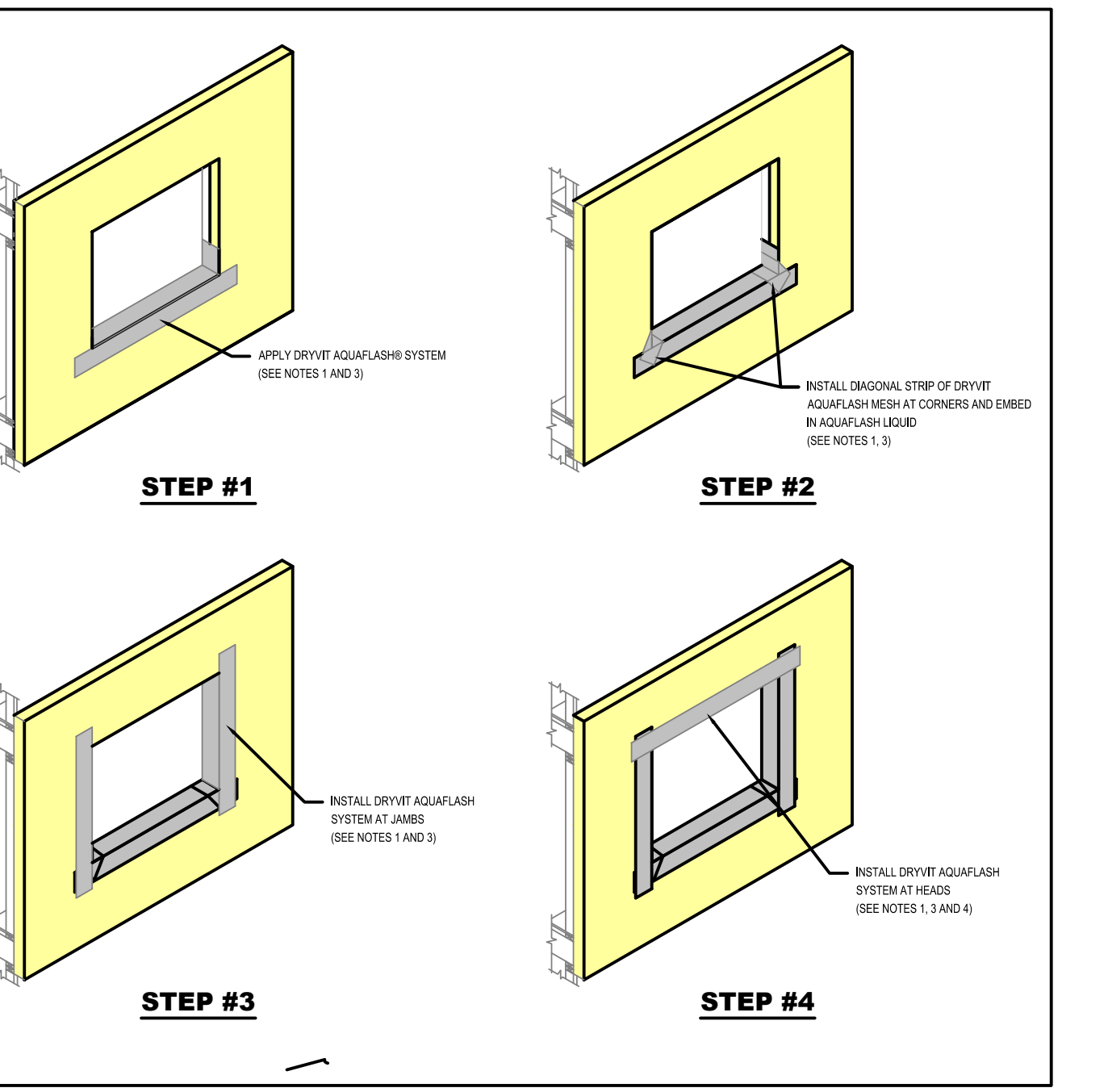
AG00010.11 HORIZONTAL JOINT AT FLOOR LINE SCALE: NTS



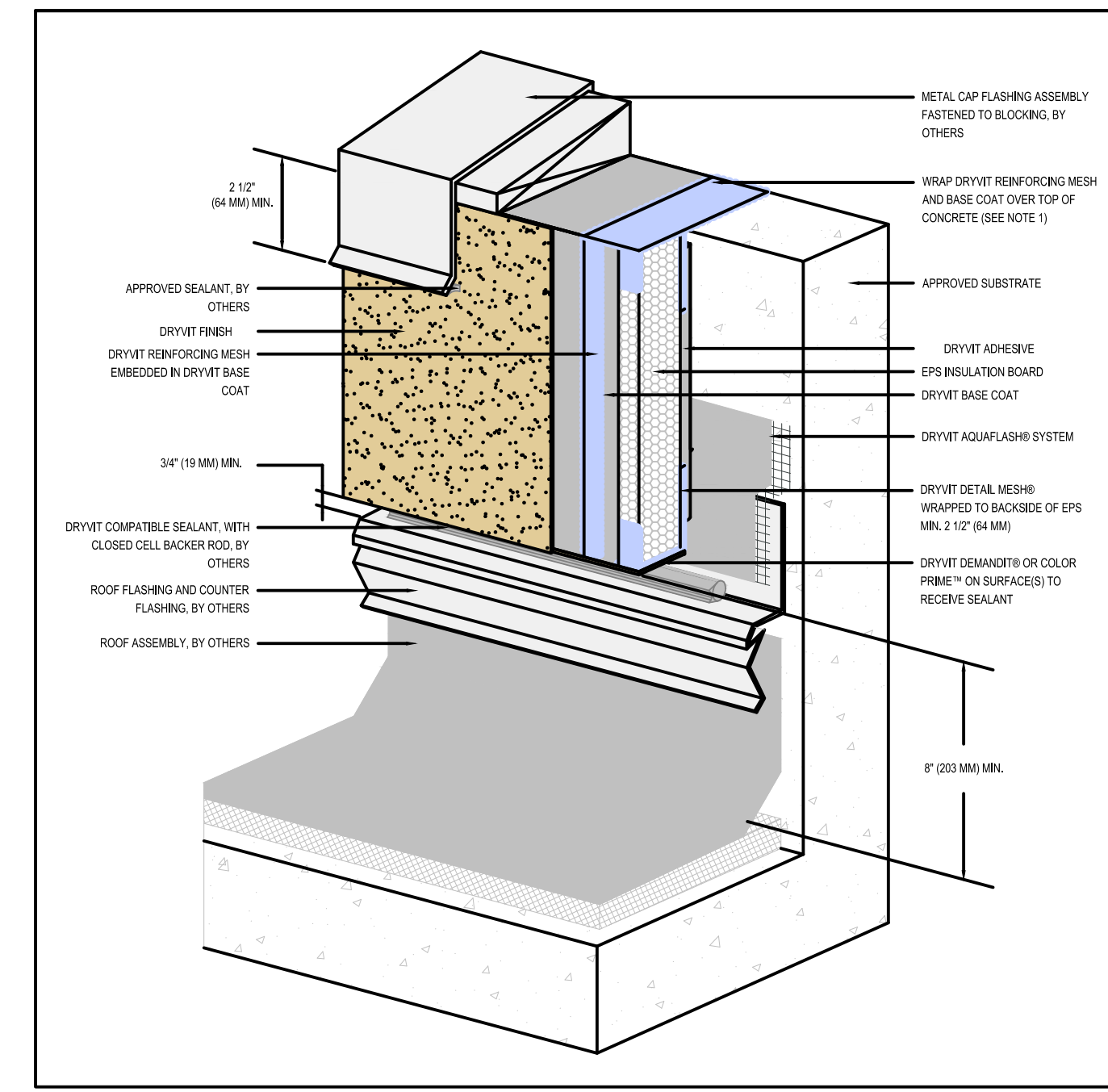
AG00010.8 PARAPET WALL INTERSECTION SCALE: NTS



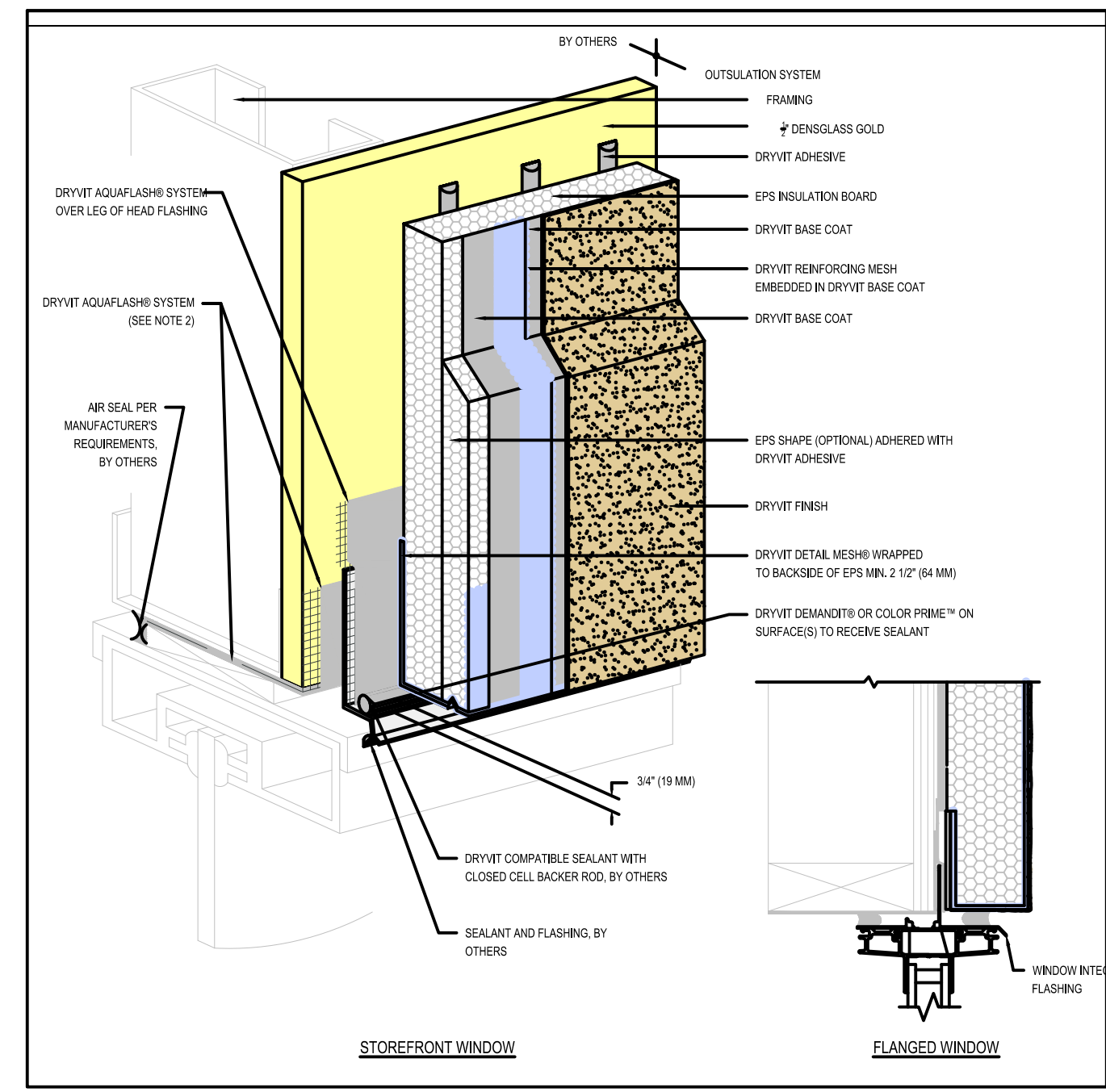
AG00010.5 TERMINATION @ ADA SIDEWALK SCALE: NTS



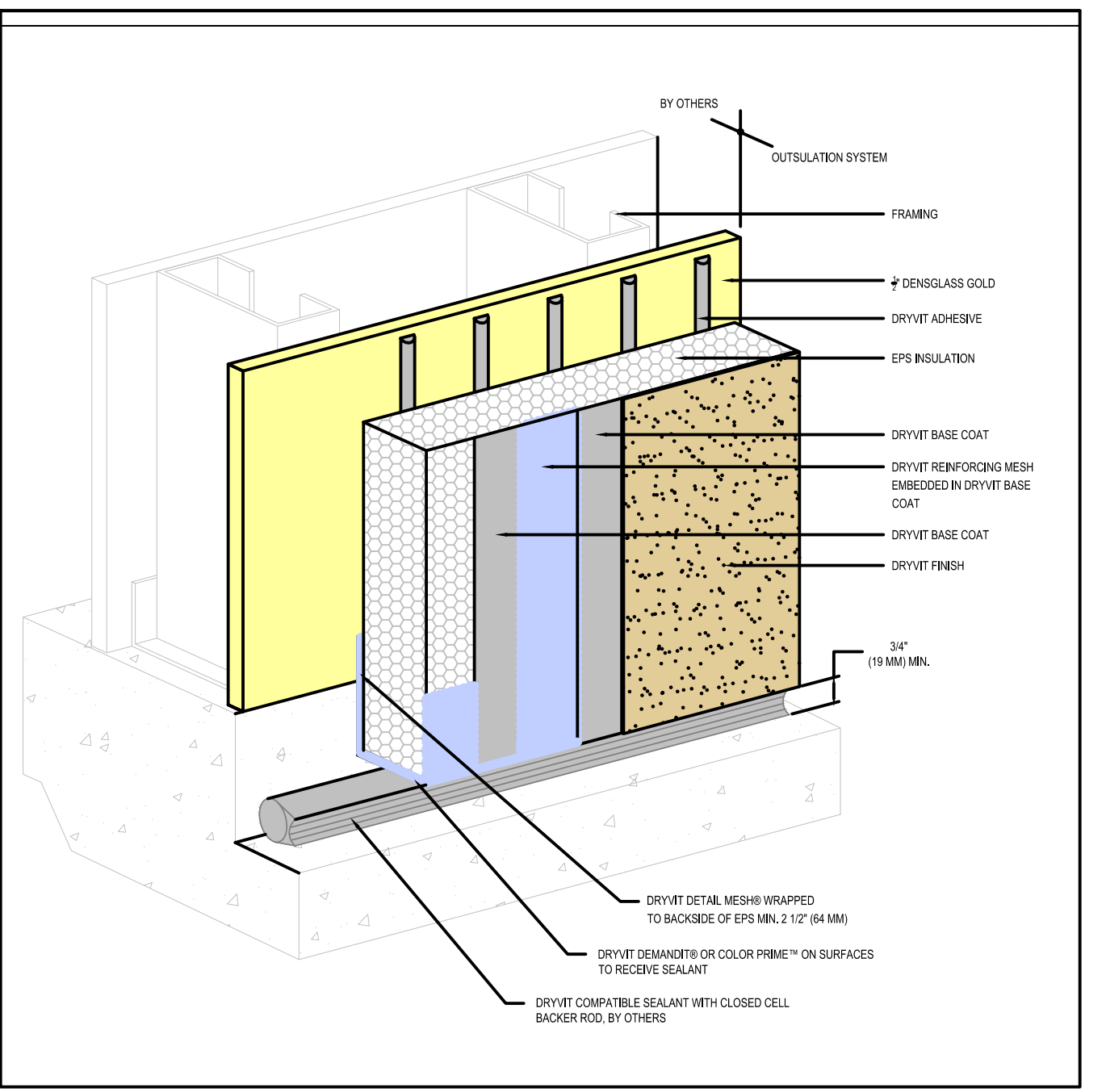
AG00010.2 OPENING PREPARATION SCALE: NTS



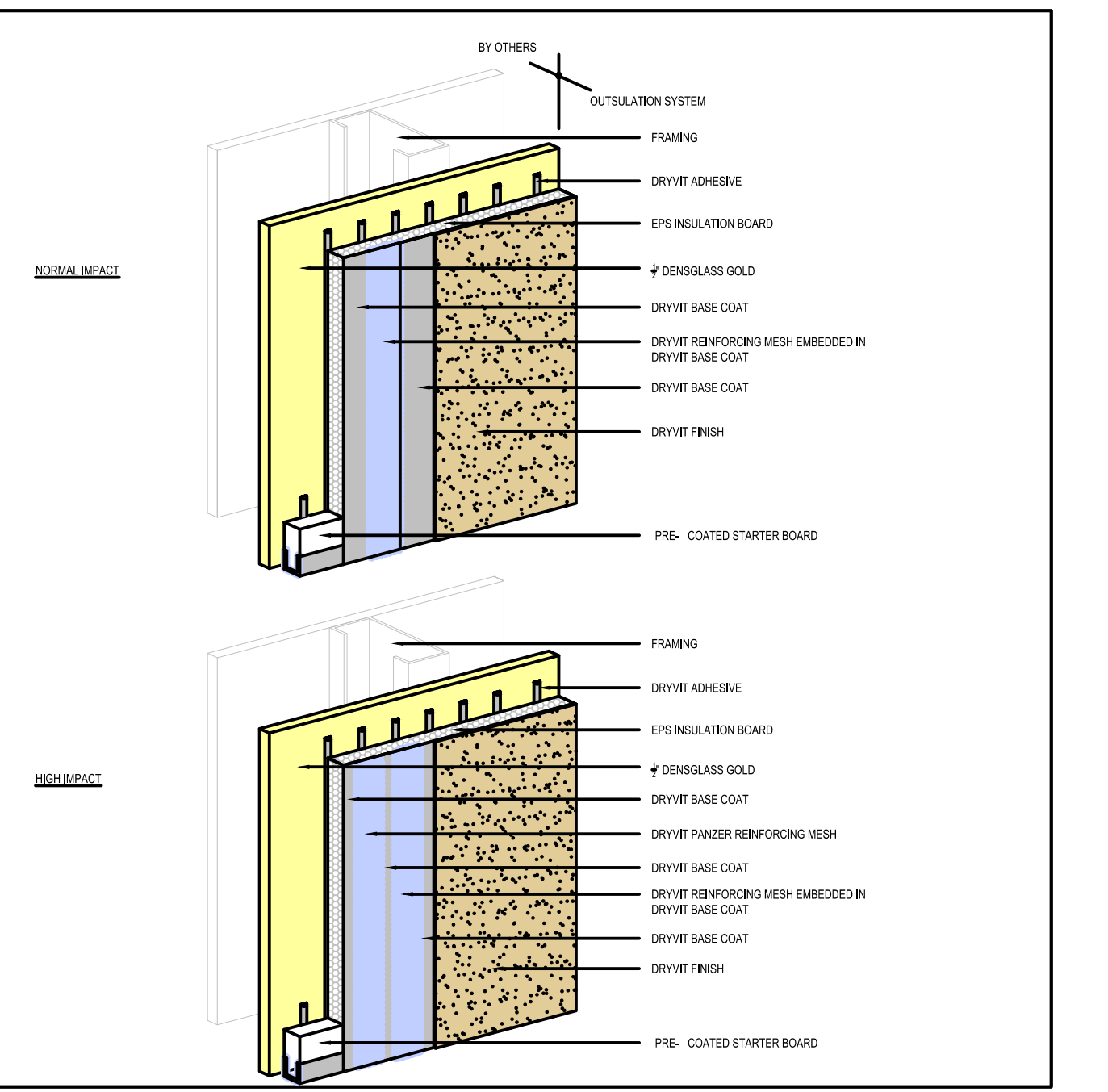
AG00010.13 HORIZONTAL JOINT AT SPLIT FACE CMU SCALE: NTS



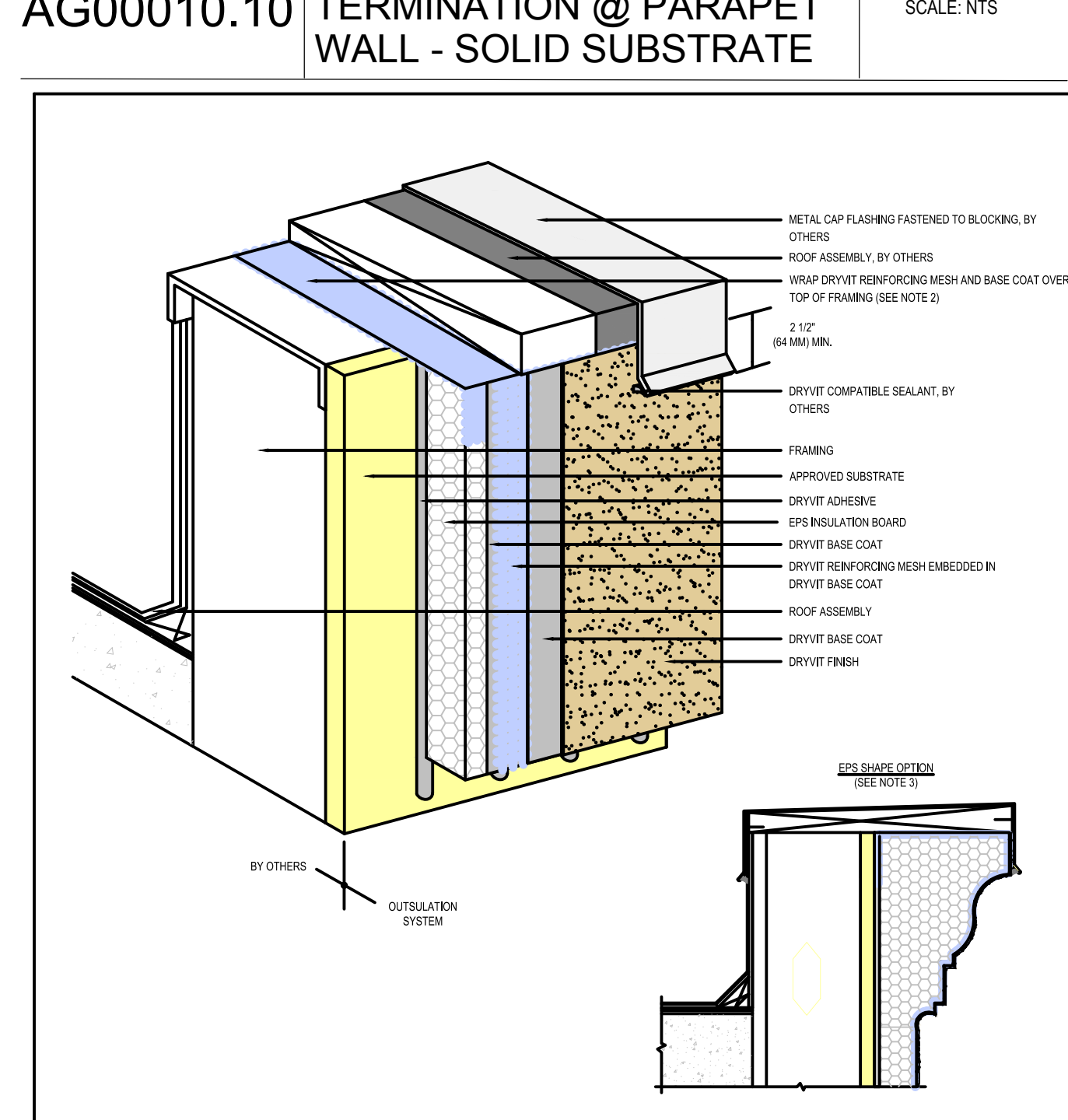
AG00010.7 STOREFRONT WINDOW HEAD SCALE: NTS



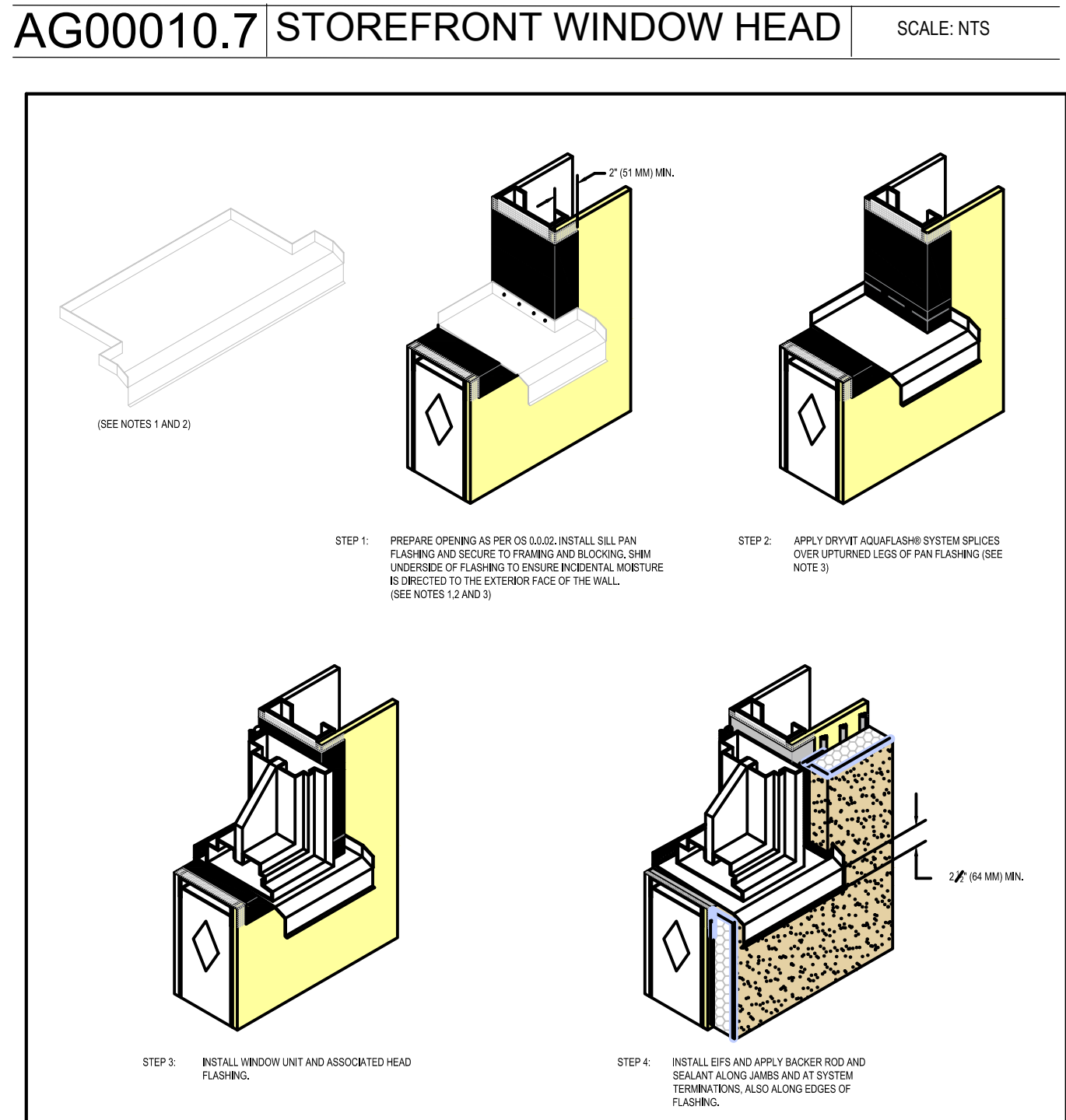
AG00010.4 TERMINATION @ CONCRETE SCALE: NTS



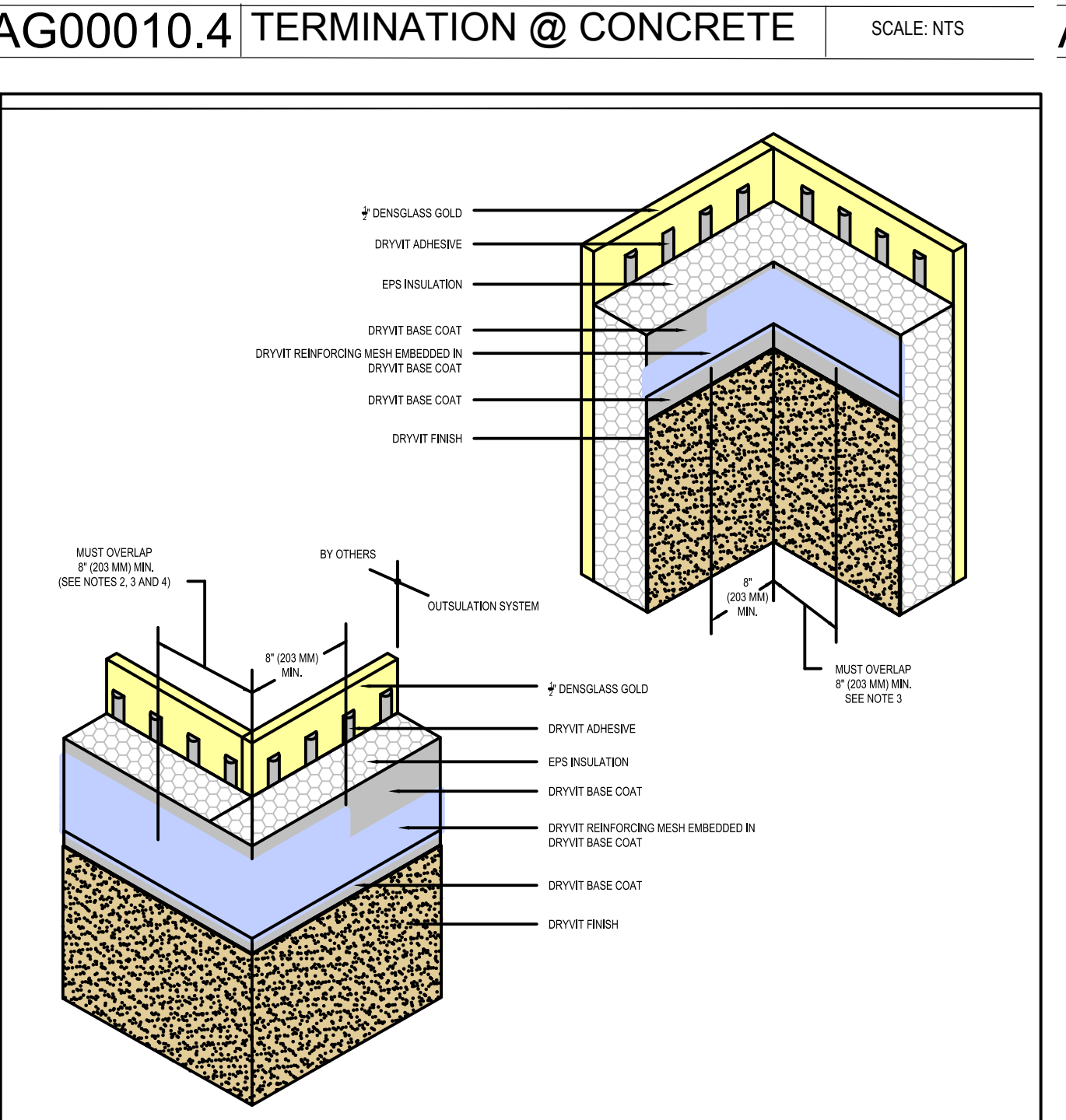
AG00010.1 EIFS STANDARD DETAIL SCALE: NTS



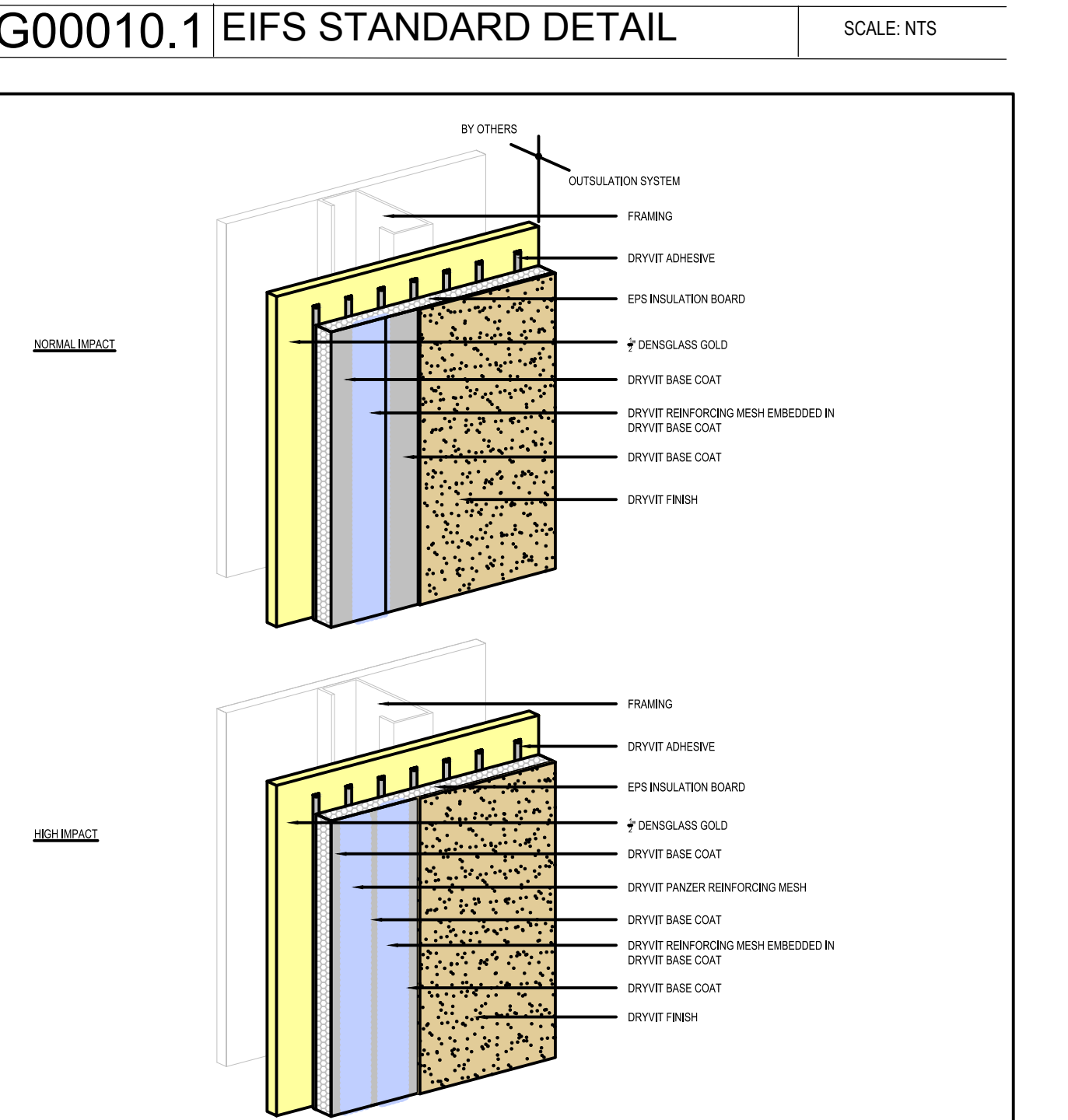
AG00010.10 TERMINATION @ PARAPET WALL - SOLID SUBSTRATE SCALE: NTS



AG00010.6 STOREFRONT WINDOW DETAILS SCALE: NTS



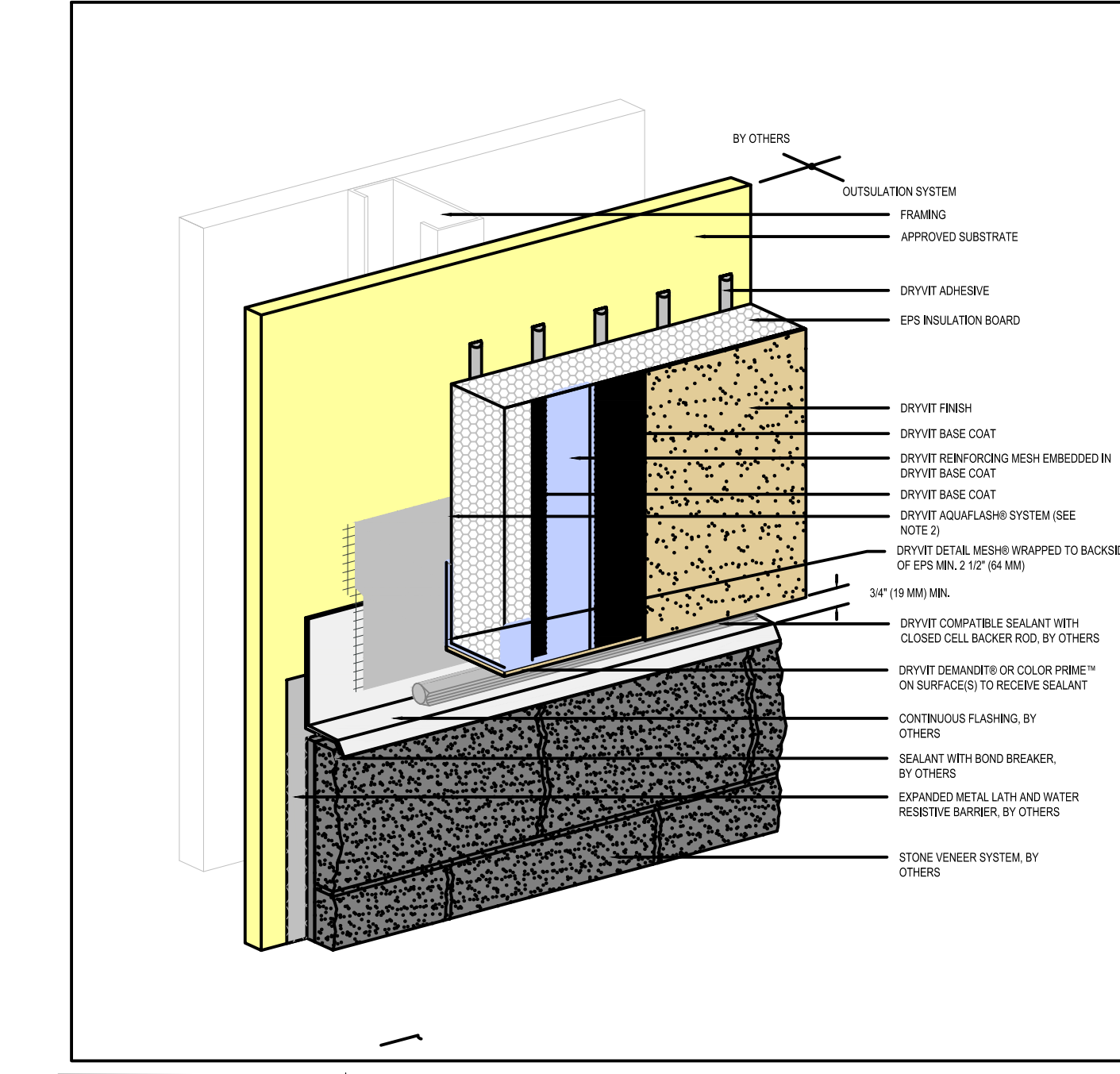
AG00010.3 INSIDE / OUTSIDE CORNERS SCALE: NTS



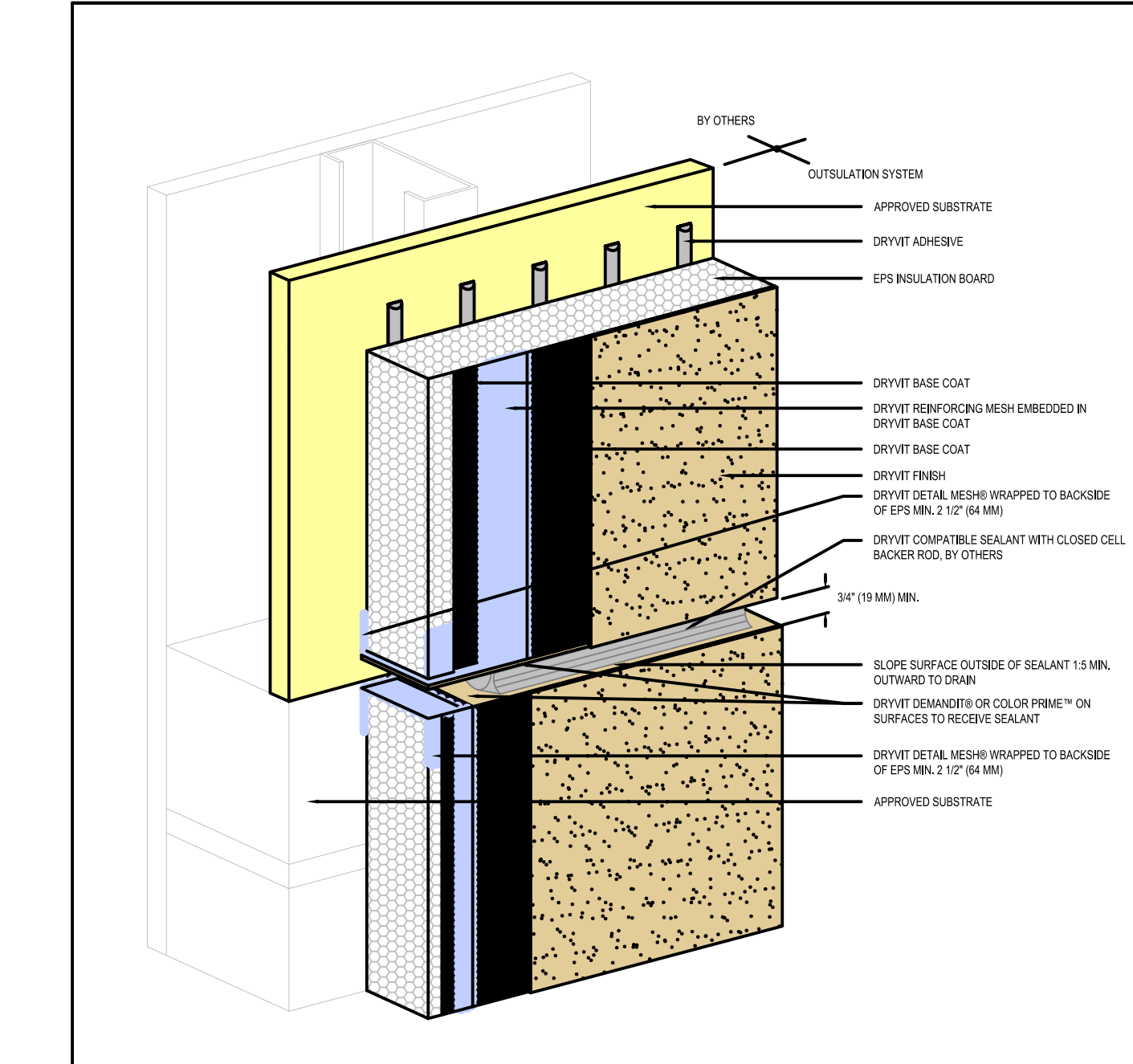
AG00010.0 EIFS STANDARD DETAIL SCALE: NTS



AG00010.9 TERMINATION @ PARAPET WALL - CAP FLASHING SCALE: NTS



AG00010.12 HORIZONTAL JOINT AT SUBSTRATE CHANGE SCALE: NTS



AG00010.14 HORIZONTAL JOINT AT SUBSTRATE CHANGE SCALE: NTS

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Commission Number: 2021-26 Issue Date: 10-24-2022

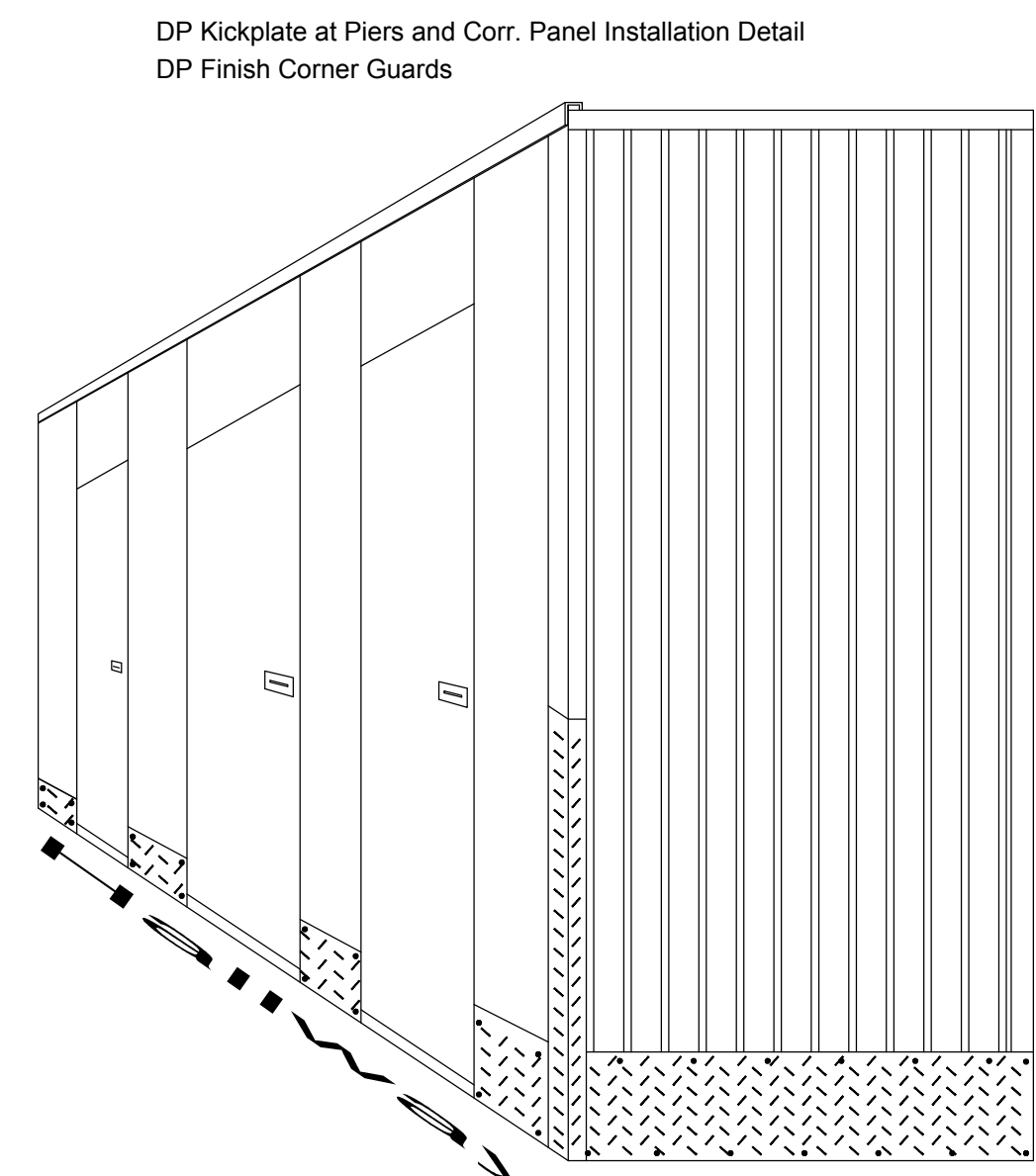
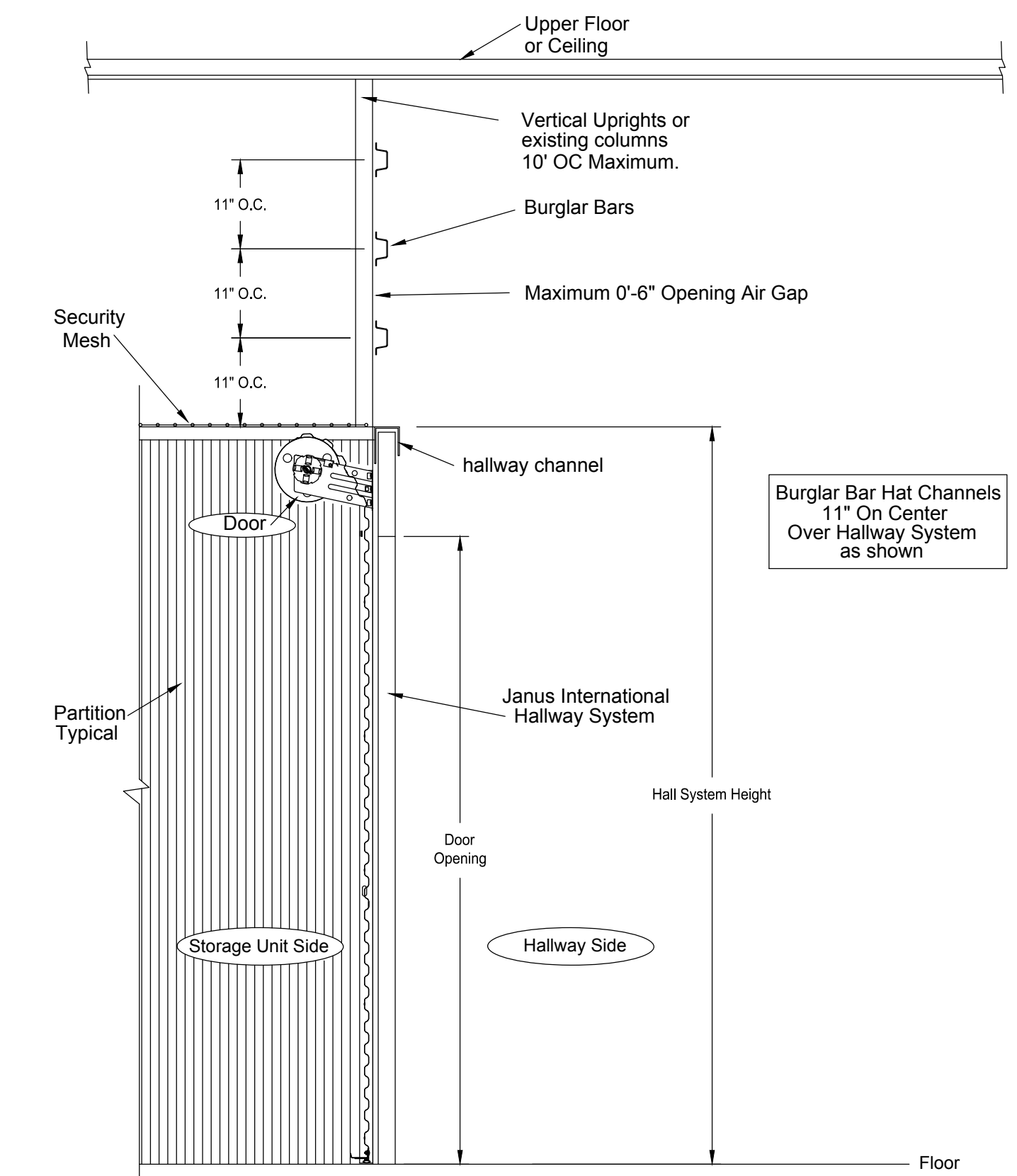
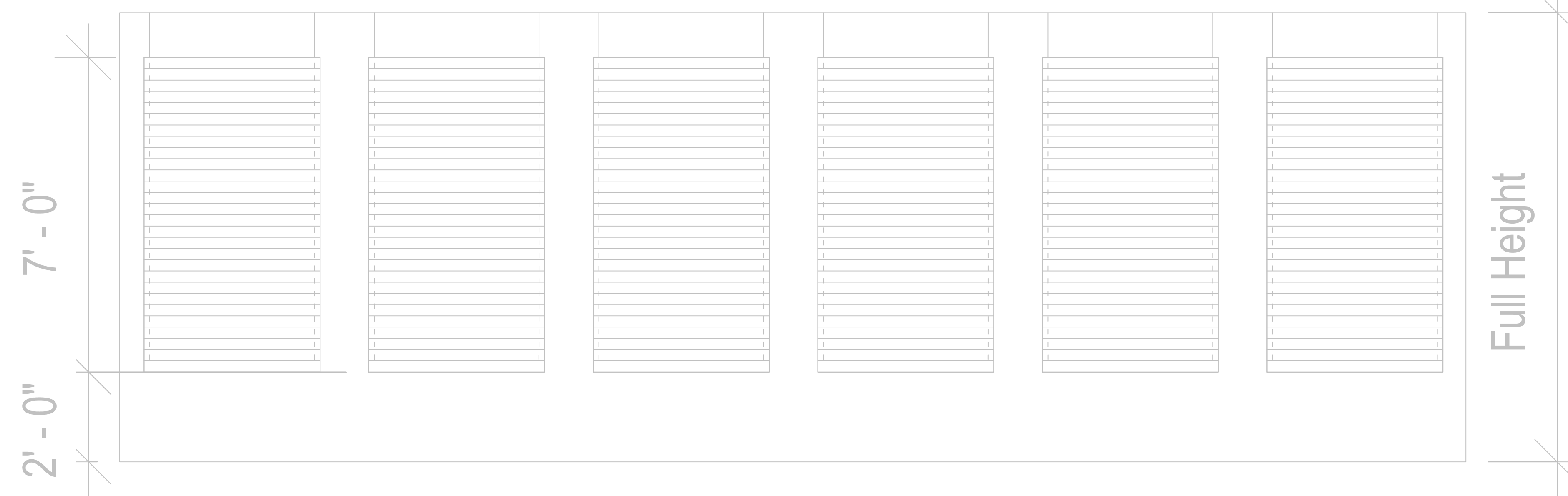
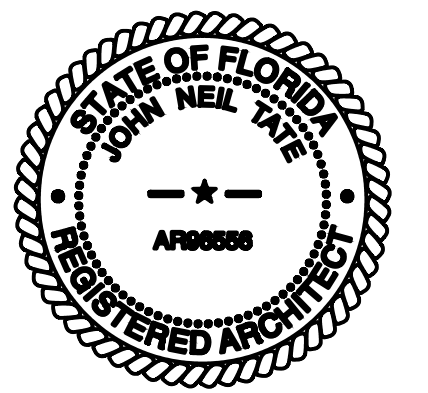
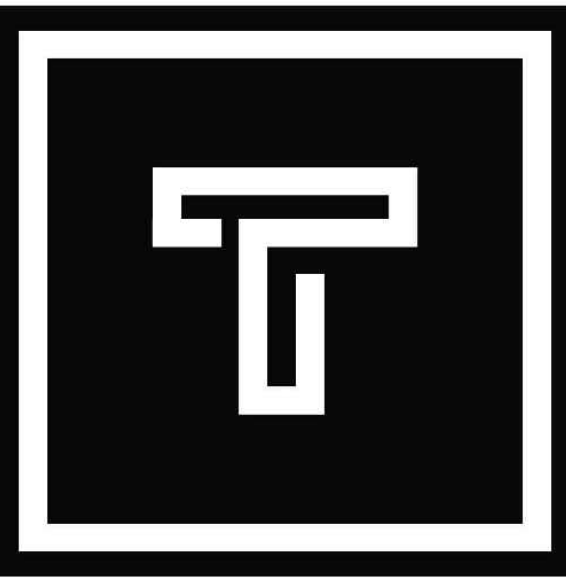
Revisions:

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Architectural - EIFS Details

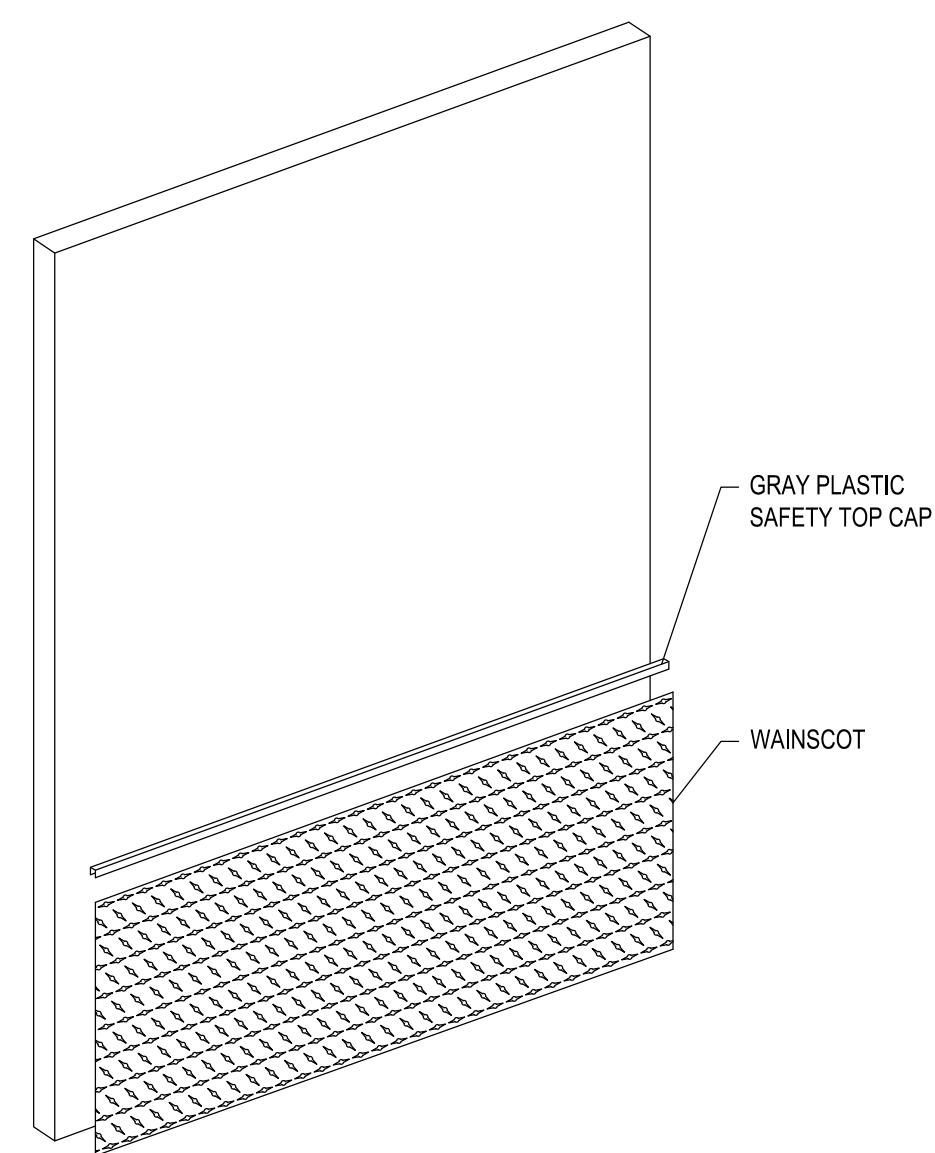
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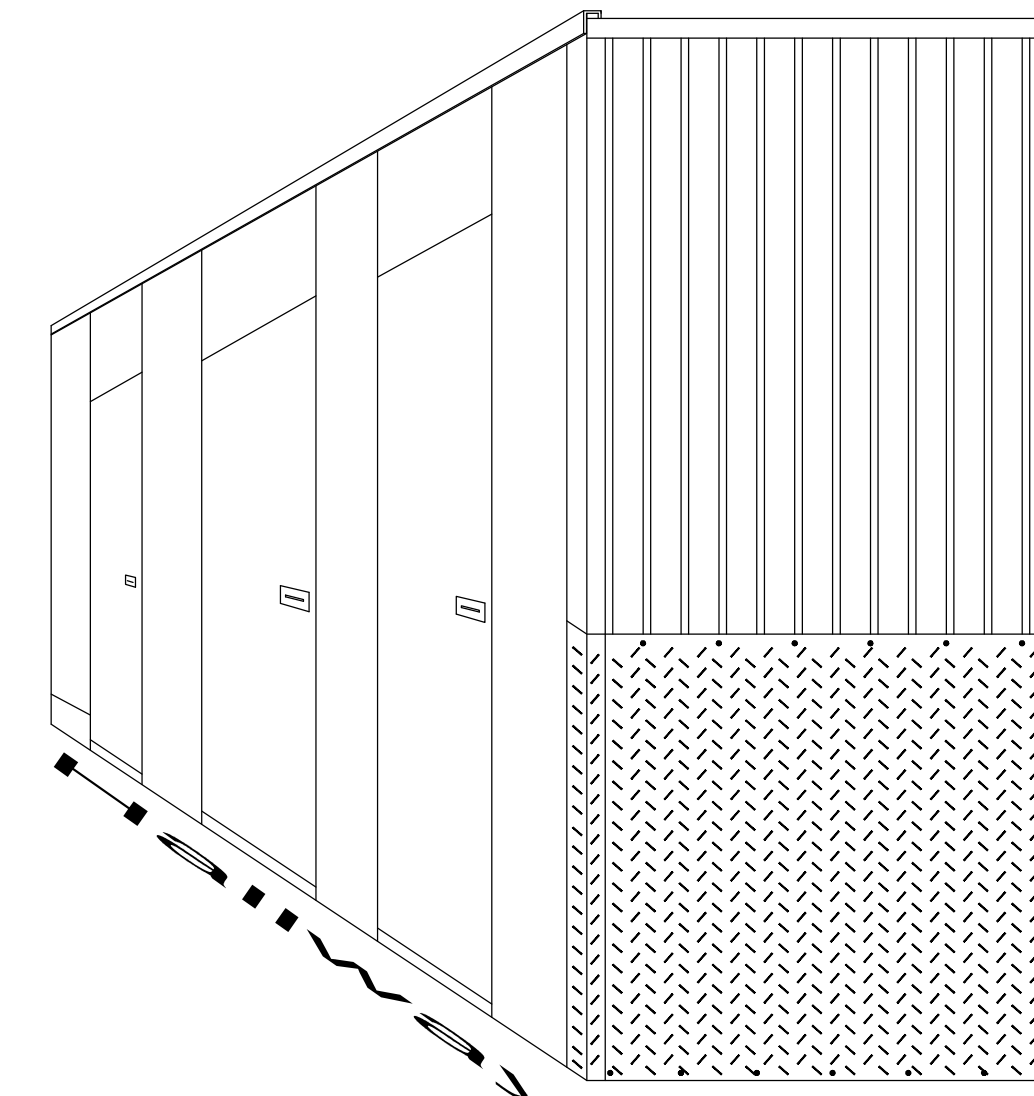


DP Kickplate at Piers and Corr. Panel Installation Detail
DP Finish Corner Guards

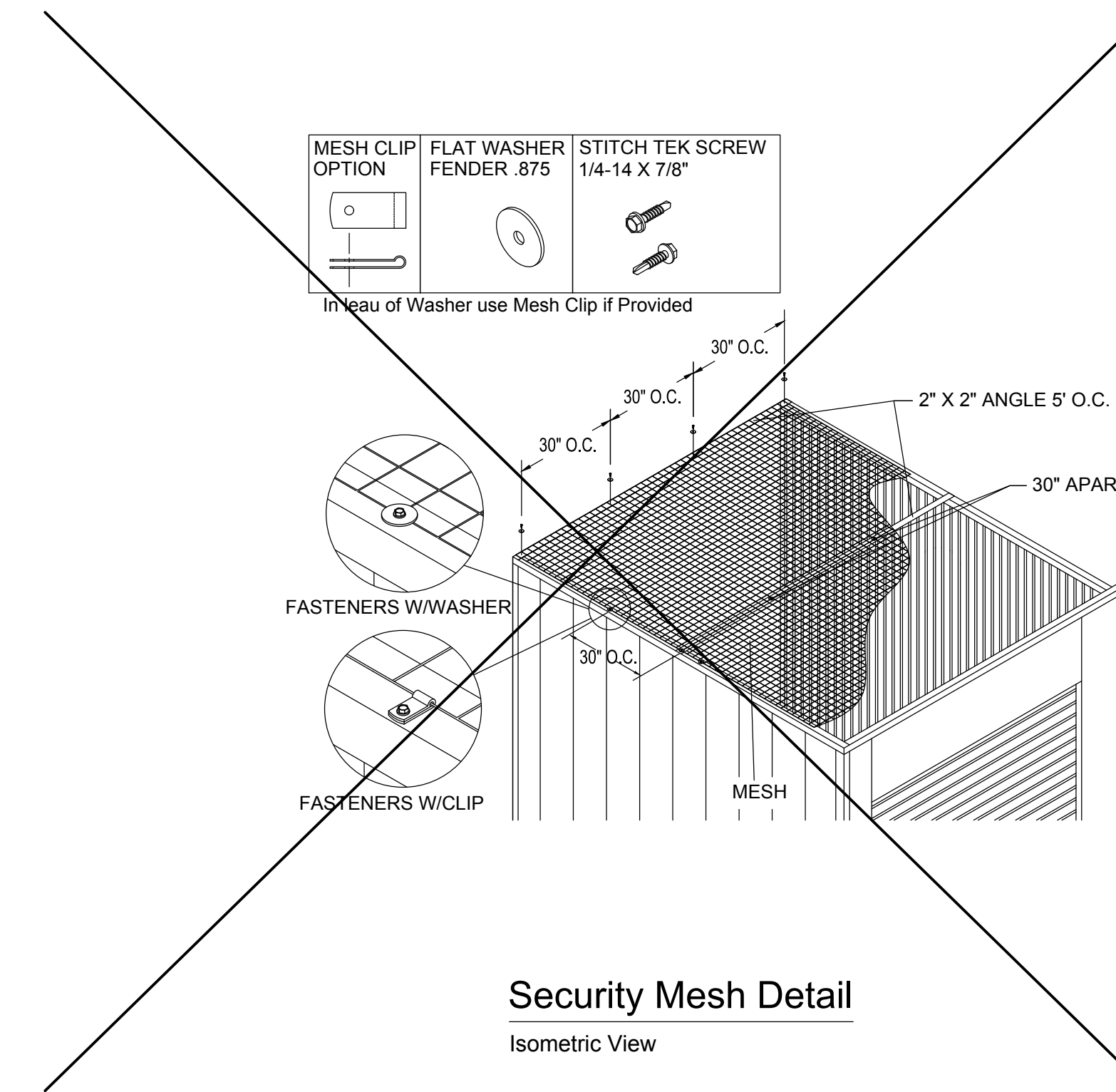
Kickplate Frame Wrap & Cornerguard at Corr. Panel Detail
Isometric View



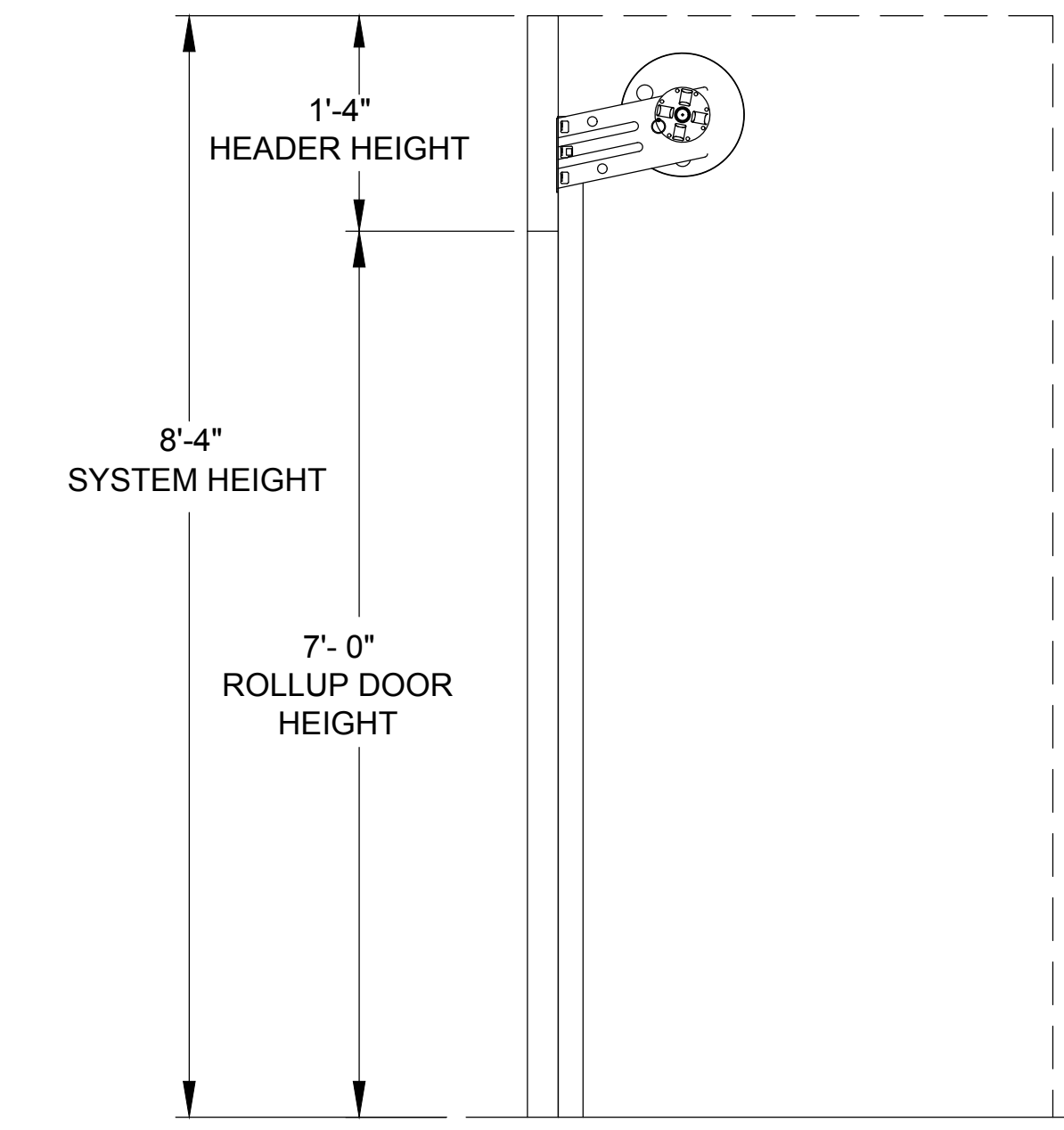
Safety Top Cap attachment to Wainscot Detail
Isometric View



Wainscot & Cornerguard at Corr. Panel Detail
Isometric View



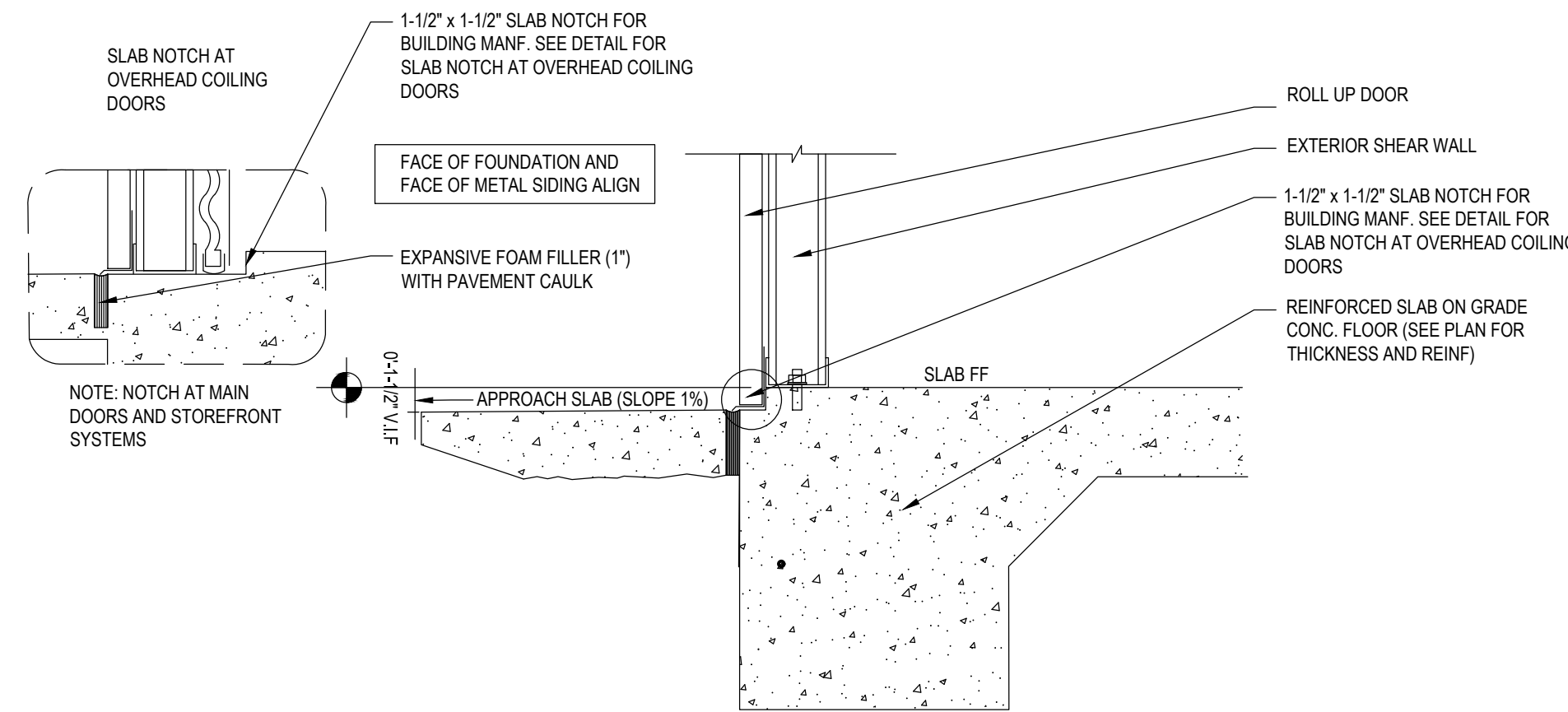
Security Mesh Detail
Isometric View



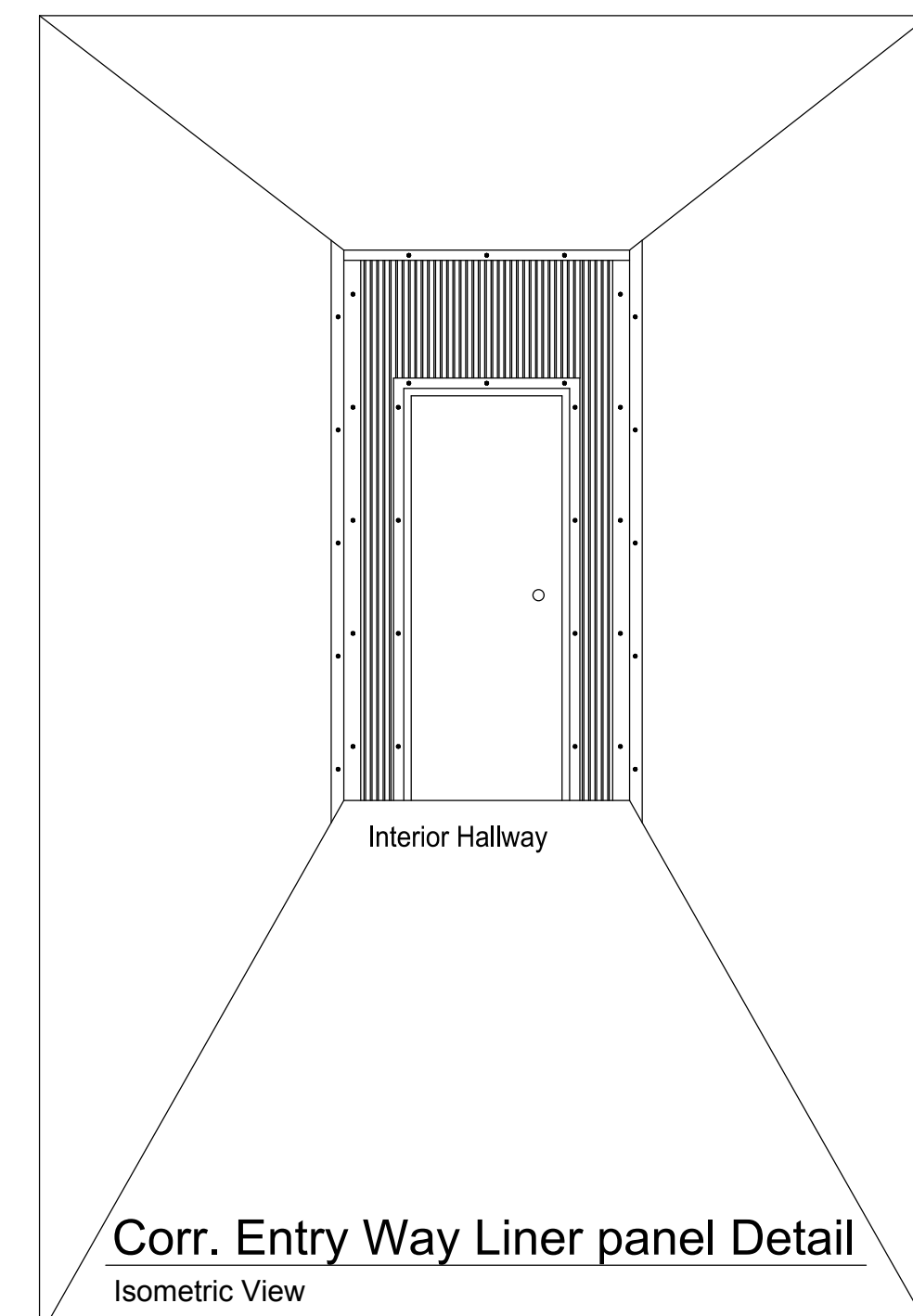
8'-4" FINISHED HALLWAY HEIGHT
1'-4" HEADER HEIGHT

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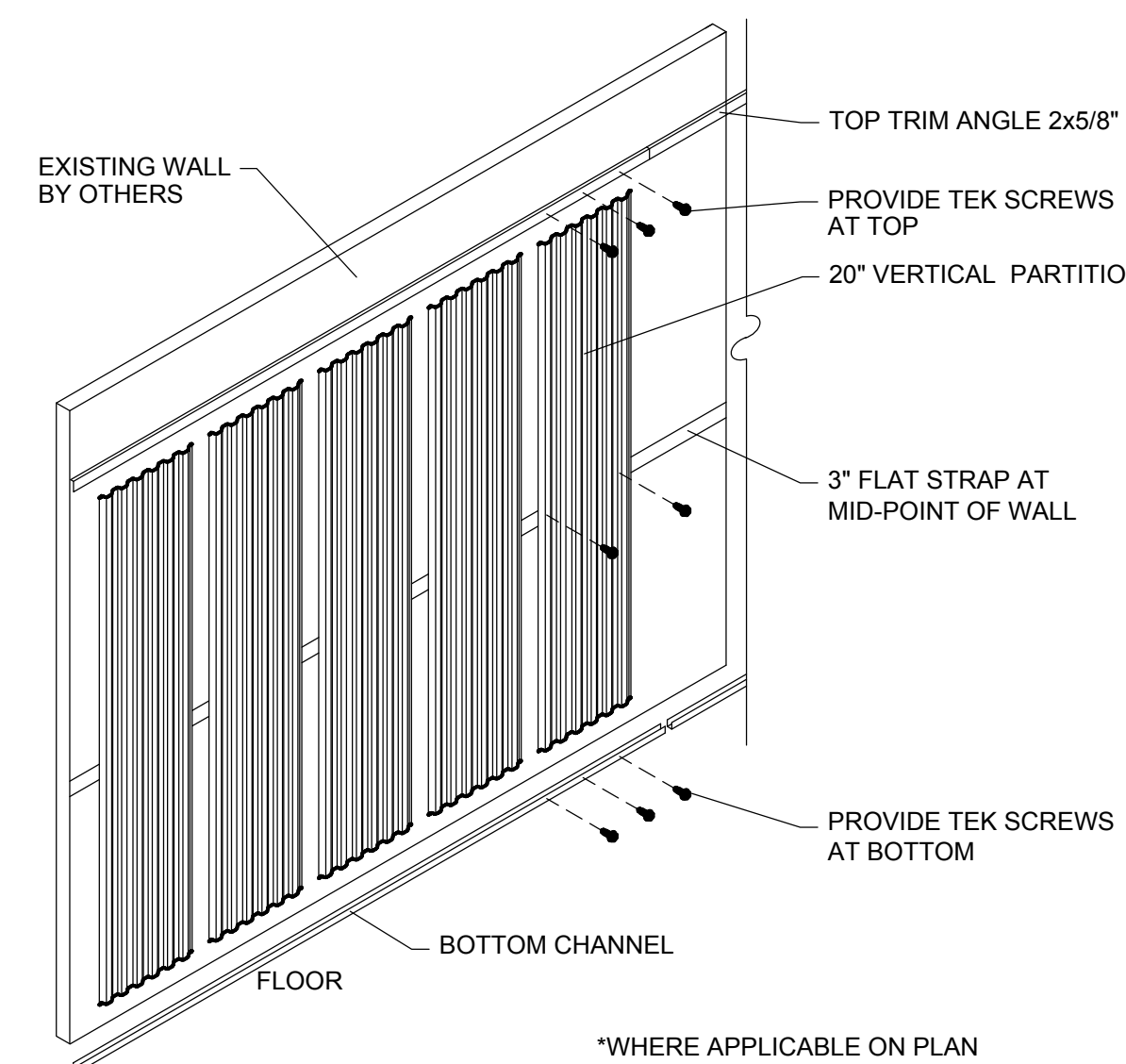
Commission: MSSI Design LLC
8520 Cobb Center Drive
Kennesaw, GA -
New Self Storage Facility
45th Street
Palm Beach County - Mangonia Park, FL
Commission Number:
2021-26
Issue Date:
10/24/2022
Revisions:



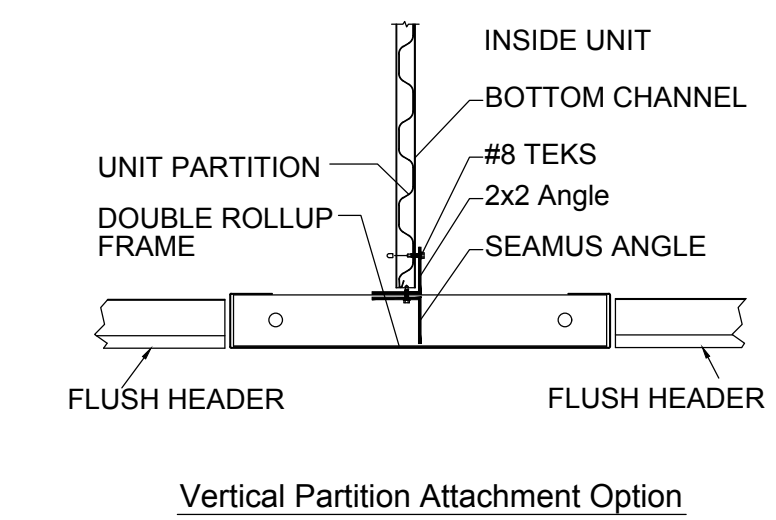
Weather Ledge - Exterior Rollup Door Application
Section View



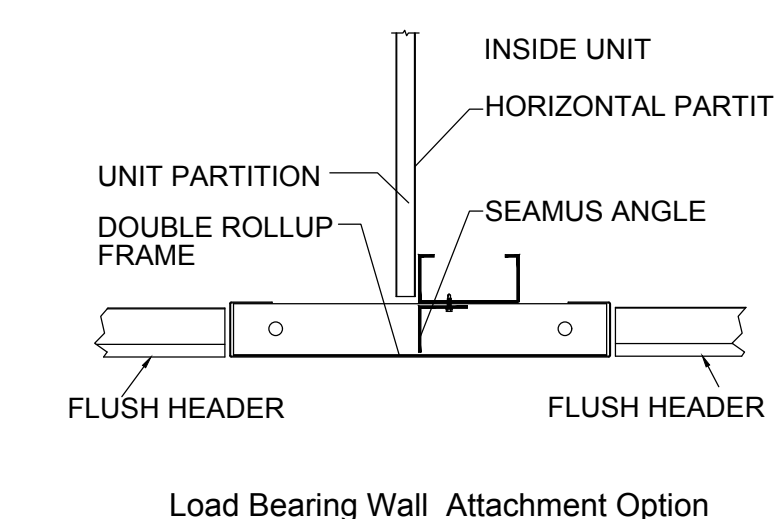
Corr. Entry Way Liner panel Detail
Isometric View



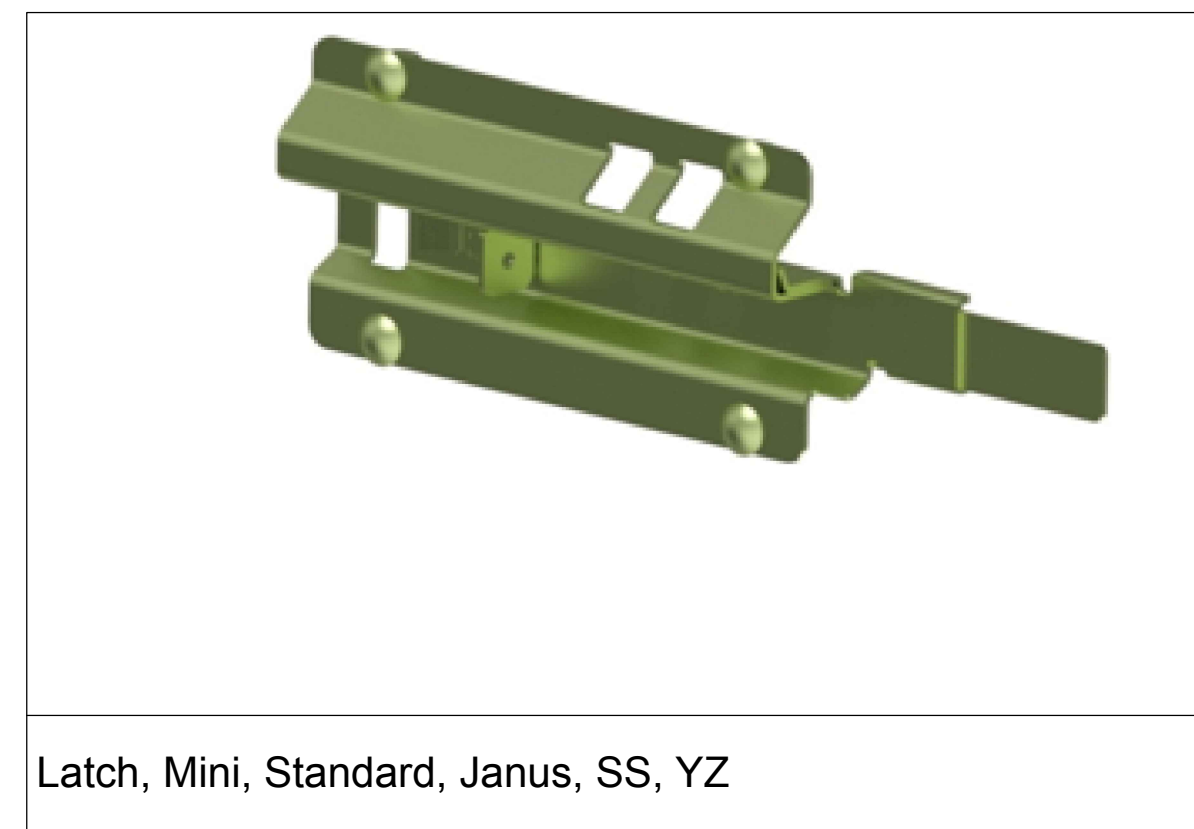
Liner attachment to wall Detail
Isometric View



Vertical Partition Attachment Option



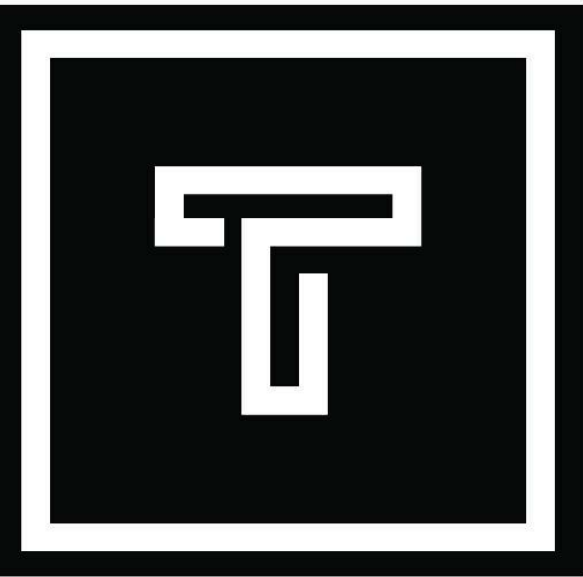
Seamus Angle Attachment
Plan View



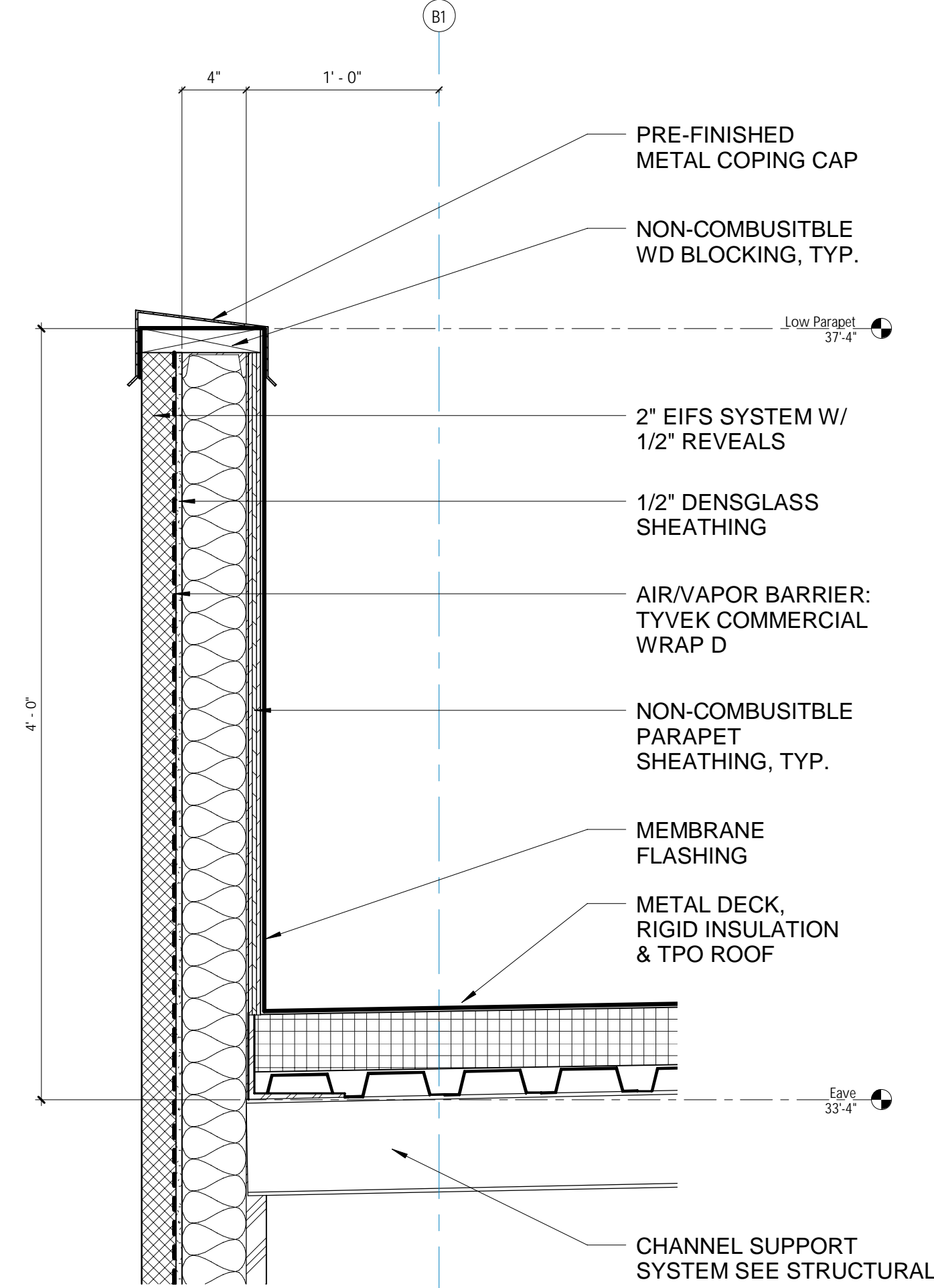
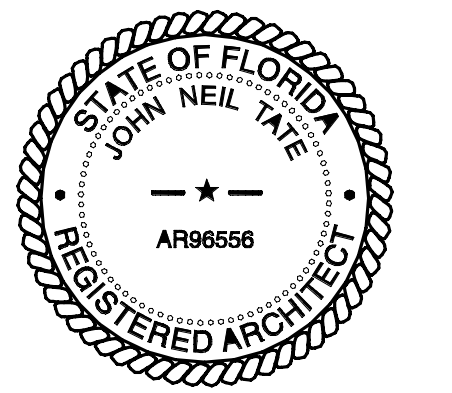
Latch, Mini, Standard, Janus, SS, YZ

Project Reference North

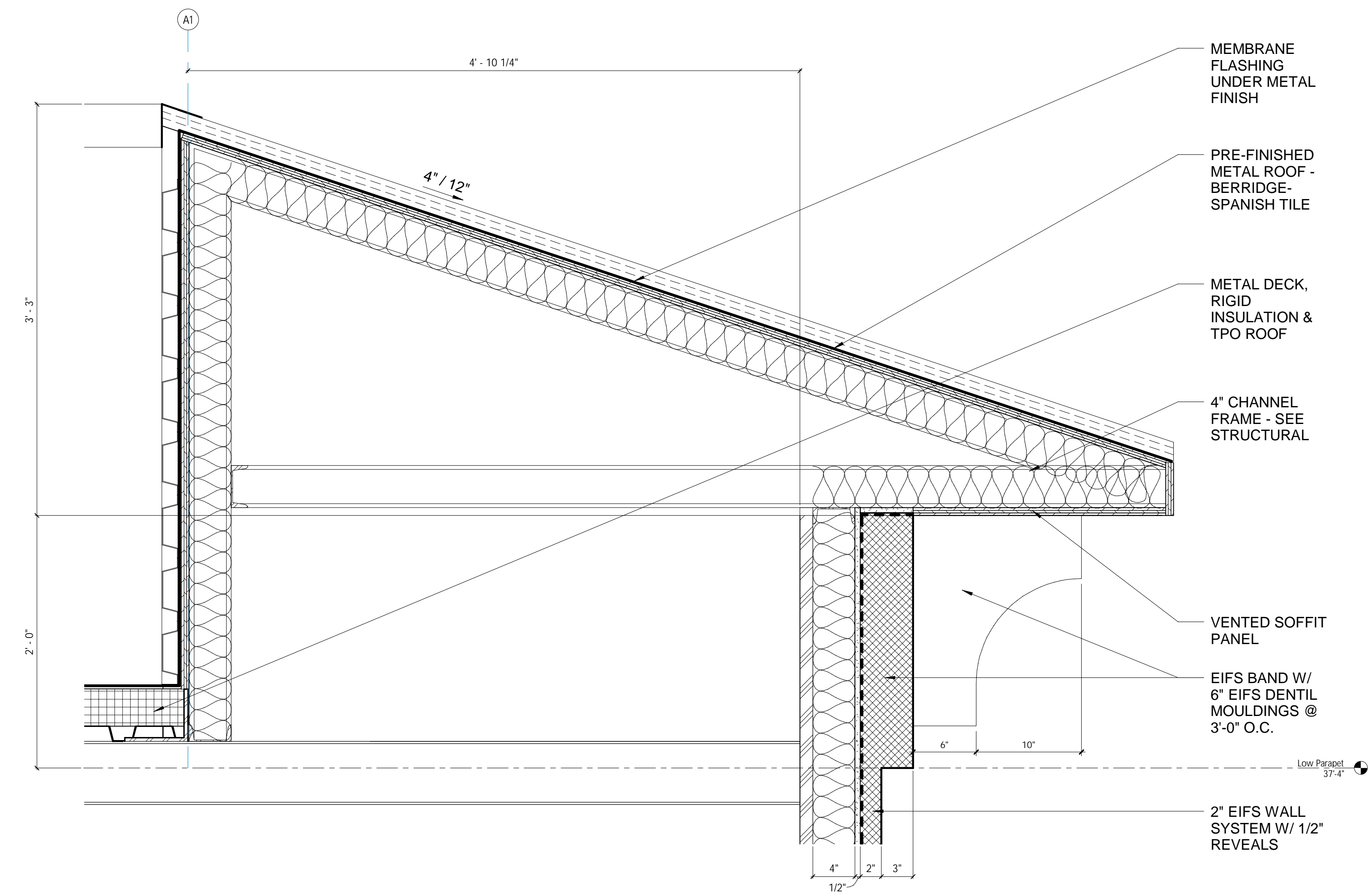
Architectural -
Interior Self Storage
Details



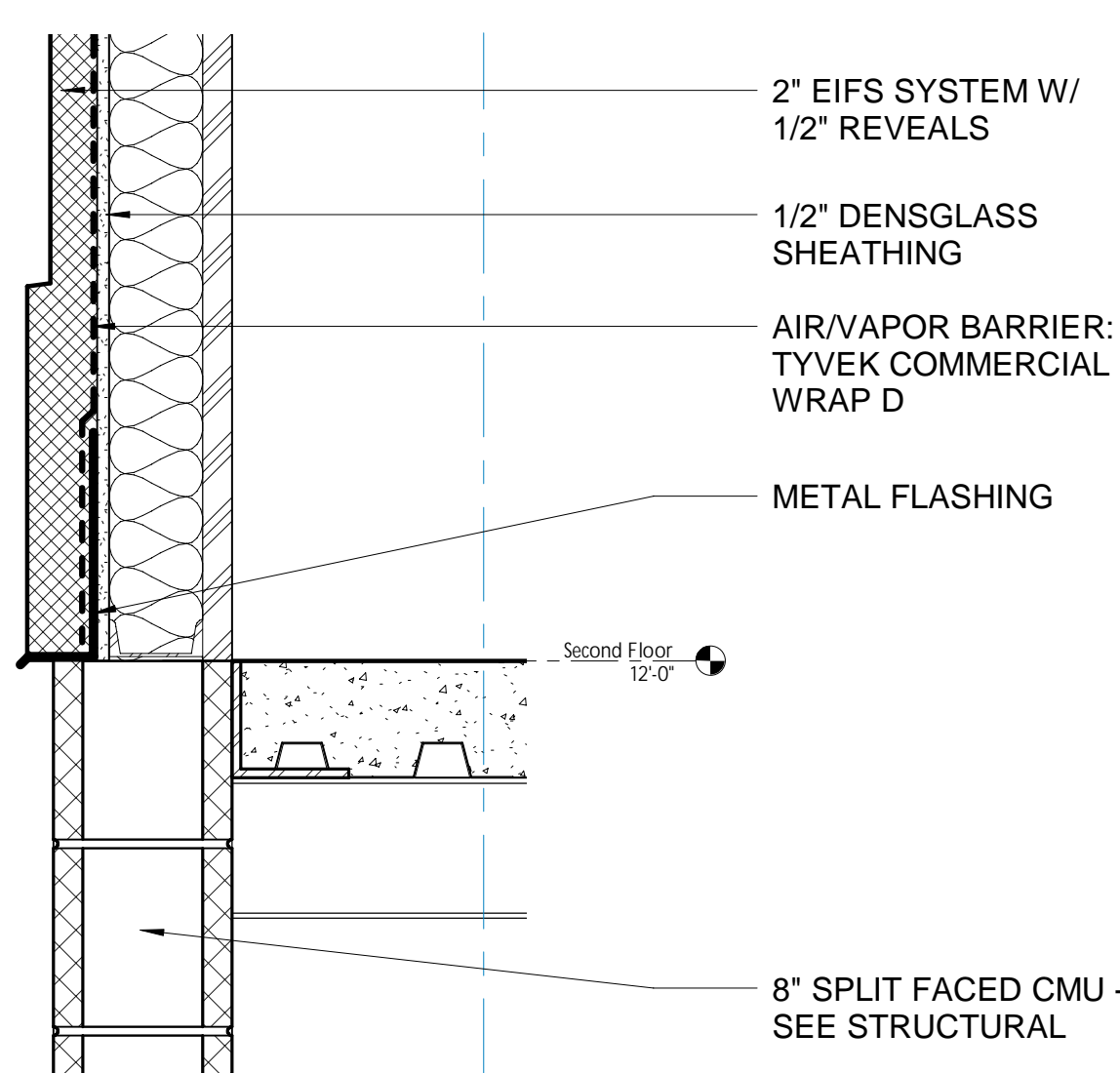
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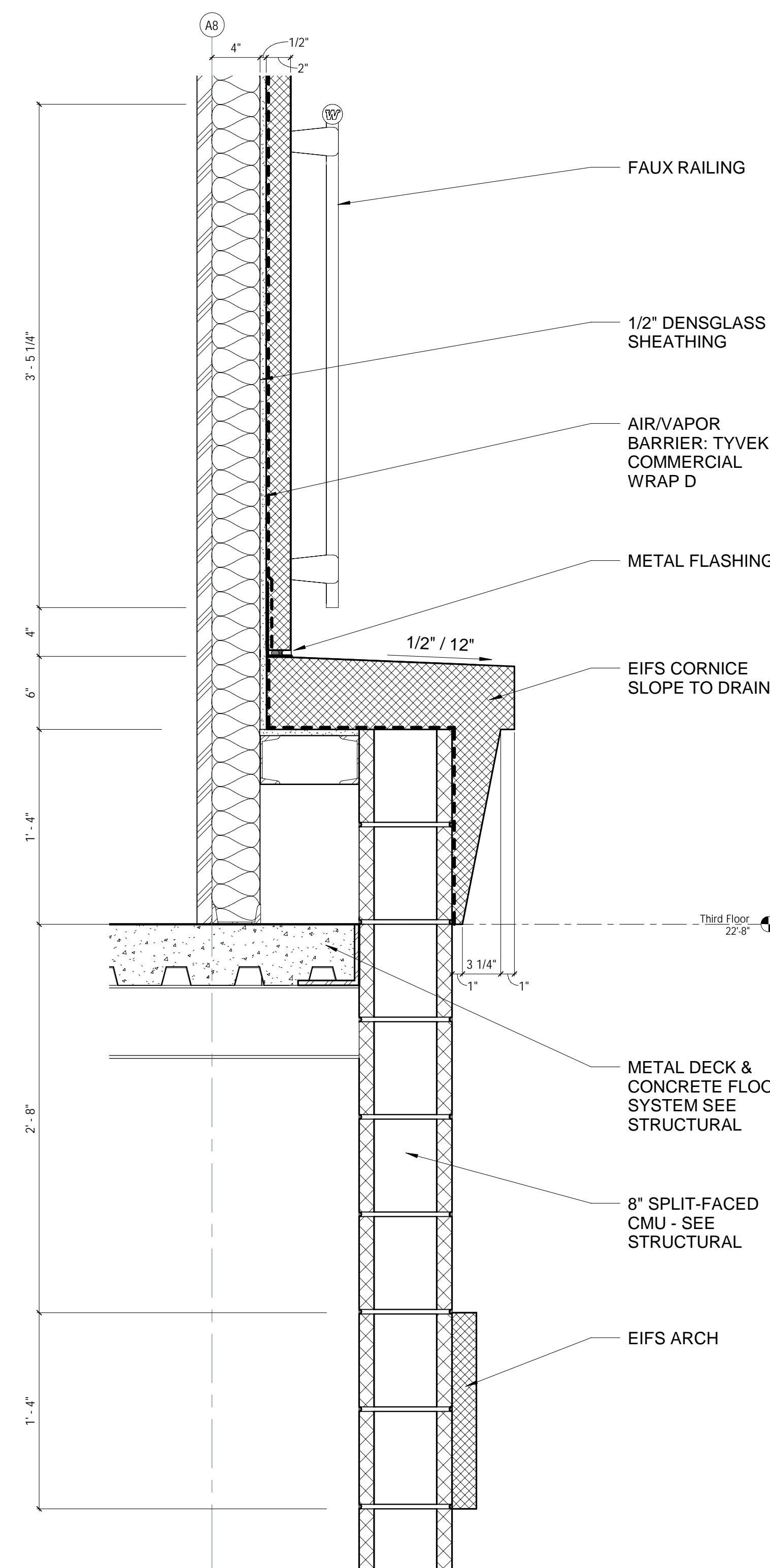
AG000.11.2 - Section 13 - Callout 1 - Callout 1
1 1/2" = 1'-0"



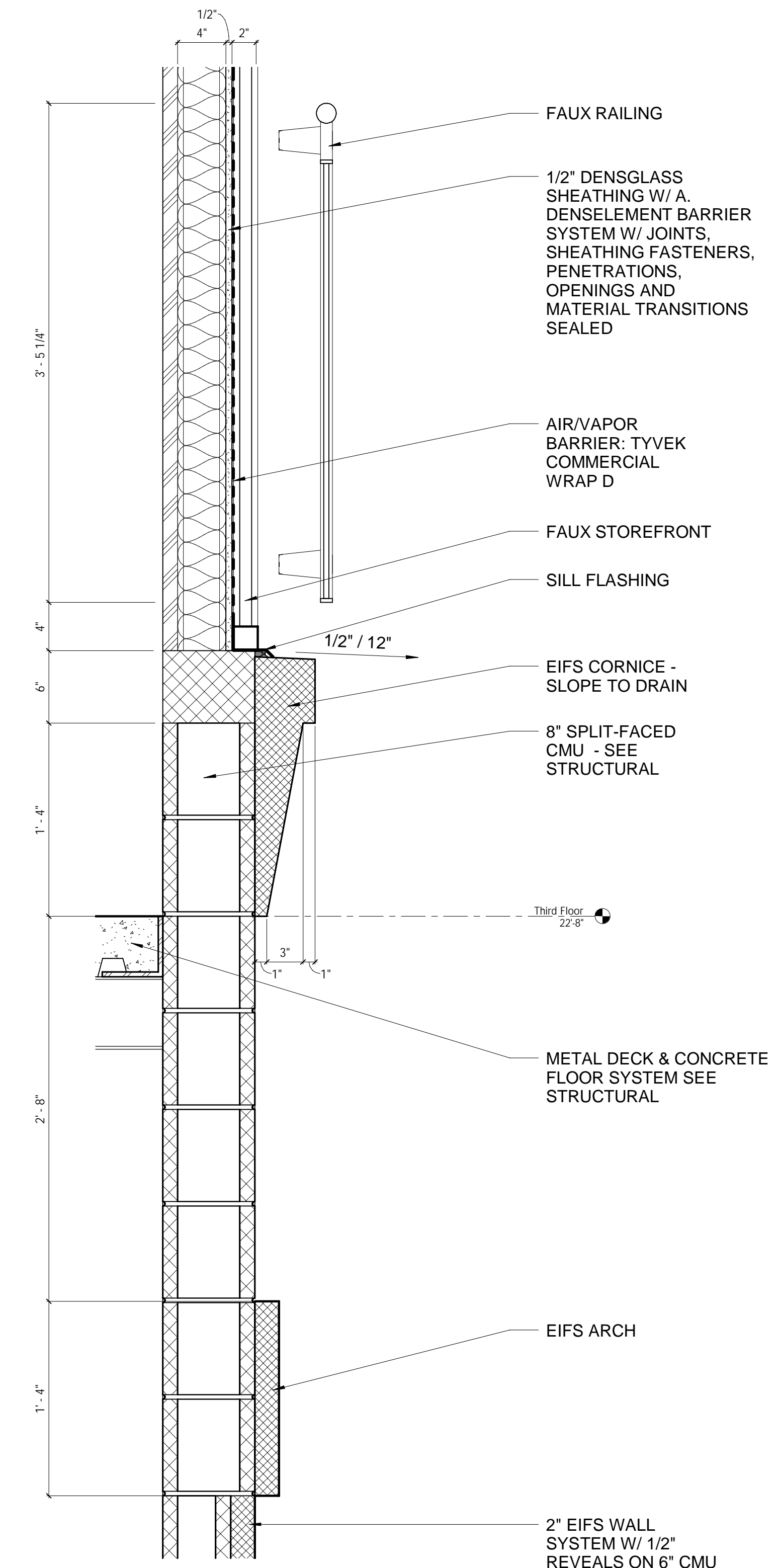
AG000.11.1 - Section 11 - Callout 1 - Callout 1
1 1/2" = 1'-0"



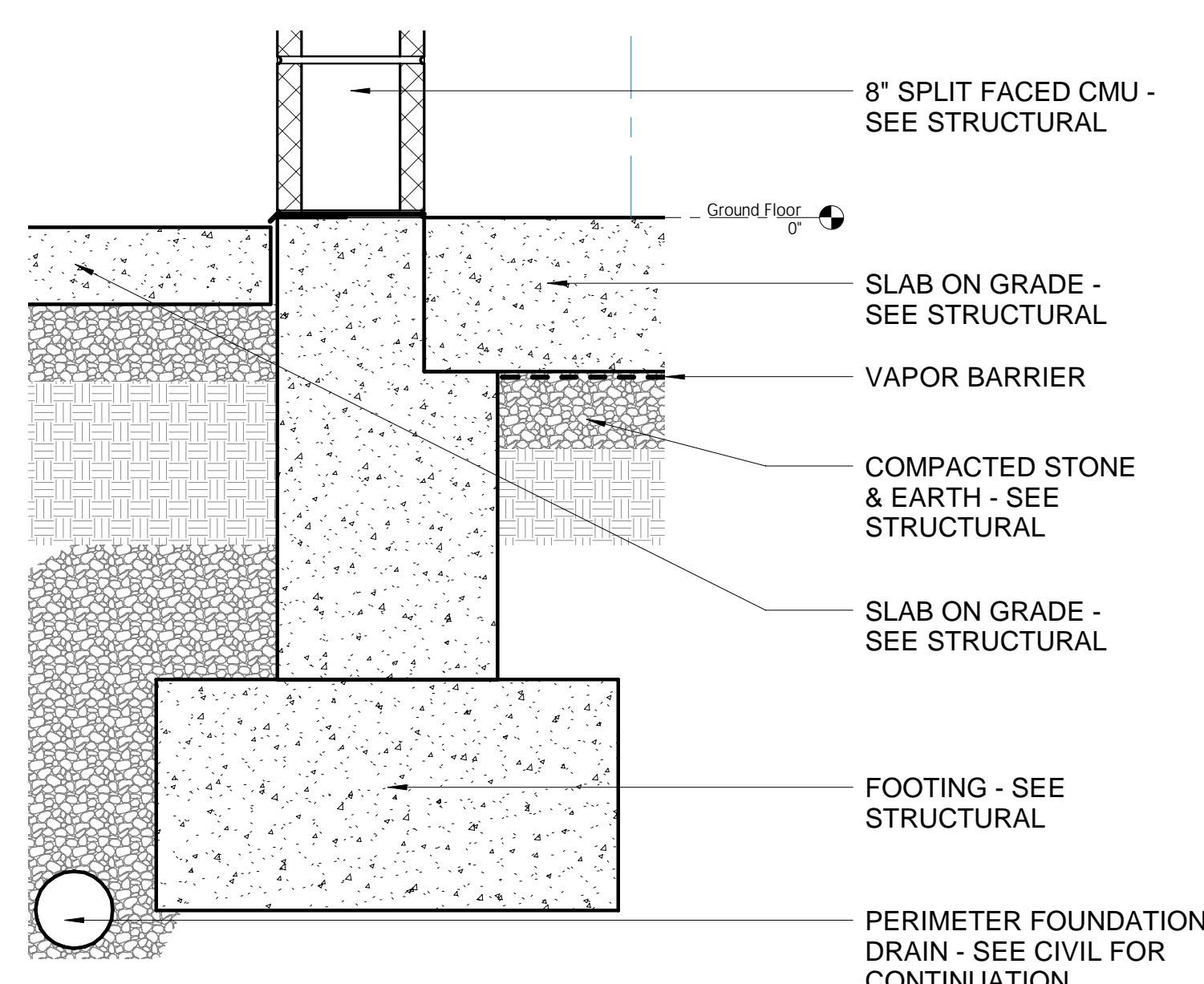
AG000.11.5 - Section 13 - Callout 1 - Callout 2
1 1/2" = 1'-0"



AG000.11.3 - Section 18 - Callout 1
1 1/2" = 1'-0"



AG000.11.4 - Section 11 - Callout 1 - Callout 2
1 1/2" = 1'-0"



AG000.11.6 - Section 13 - Callout 1 - Callout 3
1 1/2" = 1'-0"

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Kernersaw, GA -

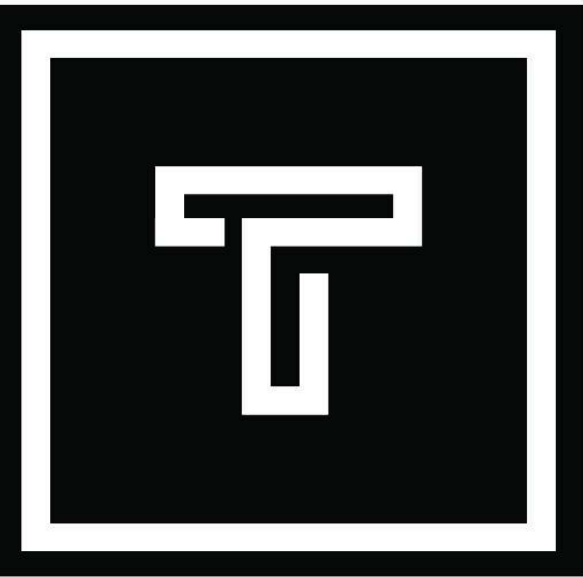
New Self Storage Facility
45th Street
Palm Beach County - Mangonia Park, FL

Commission Number:
2021-26
Issue Date:
11.04.2022

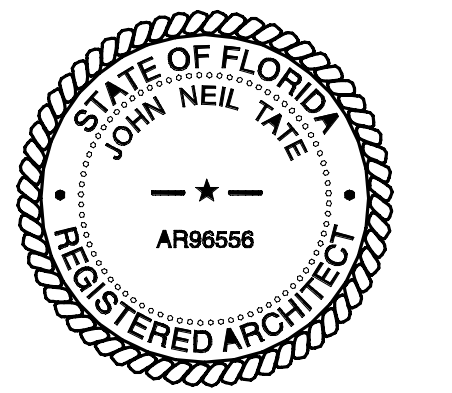
Revisions:
srao comments - 08.31.2023

Project Reference North

Architectural -
Enlarged Details



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Kennesaw, GA -
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Palm Beach County - Mangonia Park, FL
Commission Number:
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Issue Date:
11.04.2022
Revisions:
sroa comments - 08.31.2023

Project Reference North

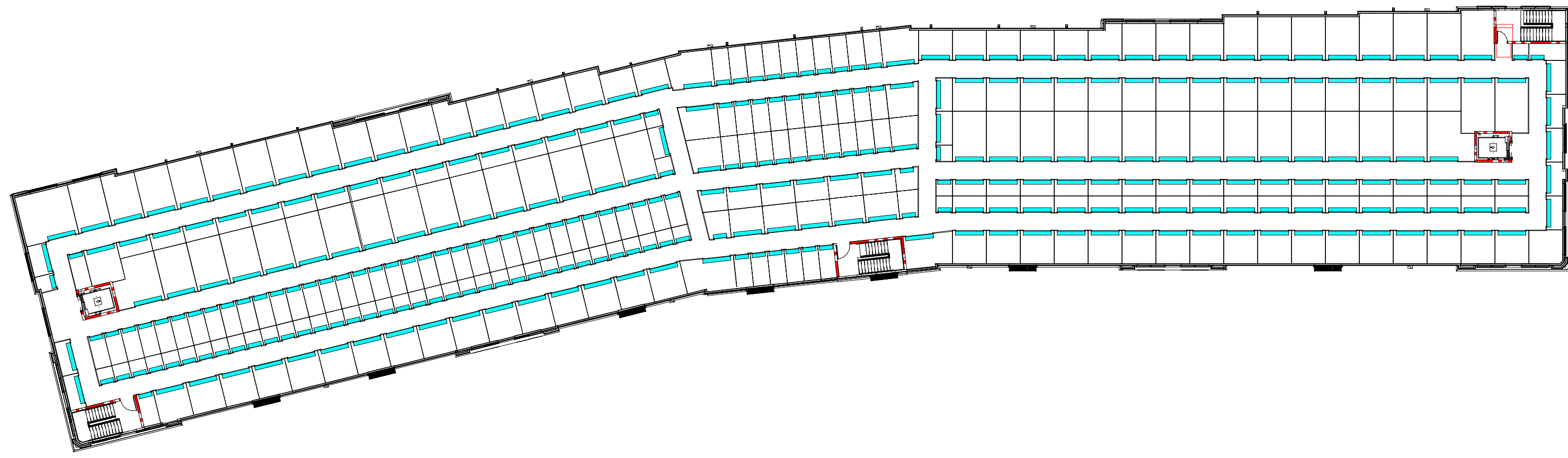
Architectural -
Overall Plans & Unit Mix
Schedules

ADA Unit Mix Schedule			
Name	Quantity	1 TO 200 (5%)	OVER 200 - TOTAL NUMBER (10+2%)
5 x 5	59	3	
5 x 6.5	3	1	
5 x 7.5	2	1	
5 x 10	69	4	
5 x 12	9	1	
10 x 5	176	9	
10 x 6.5	16	1	
10 x 7.5	15	1	
10 x 8.5	5	1	
10 x 10	204	15	
10 x 12	43	3	
10 x 13	14	1	
10 x 14	30	2	
10 x 15	108	6	
10 x 17	7	1	
10 x 18.5	4	1	
10 x 20	27	2	
13 x 13	1	1	
16 x 15	3	1	
Grand total:	795		

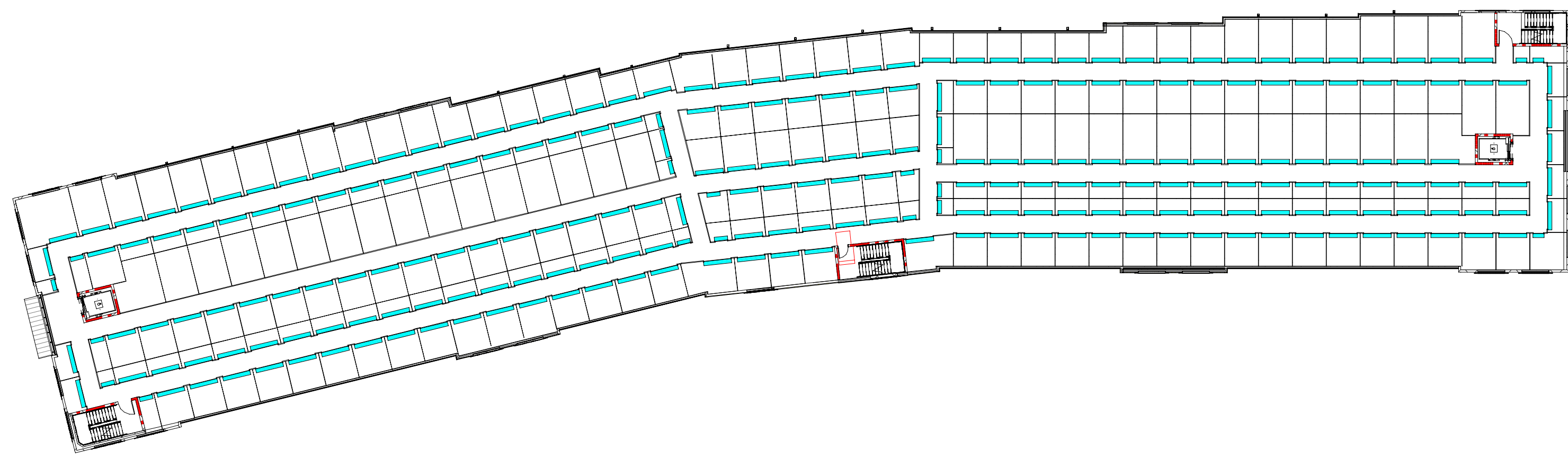
Unit Mix Schedule Ground Floor			
Name	Count	Rent As	Rentable SF
5 x 5	8	25	200
5 x 6.5	1	32.5	32.5
5 x 7.5	1	37.5	37.5
5 x 10	1	50	50
10 x 5	38	50	1900
10 x 6.5	2	65	130
10 x 7.5	2	75	150
10 x 8.5	1	85	85
10 x 10	51	100	5100
10 x 12	13	120	1560
10 x 13	5	130	650
10 x 14	10	140	1400
10 x 15	44	150	6600
10 x 17	1	170	170
10 x 20	27	200	5400
13 x 13	1	169	169
16 x 15	1	240	240
Grand total:	207		23874

Unit Mix Schedule 2nd Floor			
Name	Count	Rent As	Rentable SF
5 x 5	9	25	225
5 x 6.5	1	32.5	32.5
5 x 7.5	1	37.5	37.5
5 x 12	2	60	120
10 x 5	78	50	3900
10 x 6.5	9	65	585
10 x 7.5	2	75	150
10 x 8.5	2	85	170
10 x 10	93	100	9300
10 x 12	18	120	2160
10 x 13	5	130	650
10 x 14	10	140	1400
10 x 15	32	150	4800
10 x 17	3	170	510
10 x 18.5	2	185	370
16 x 15	1	240	240
Grand total:	268		24650

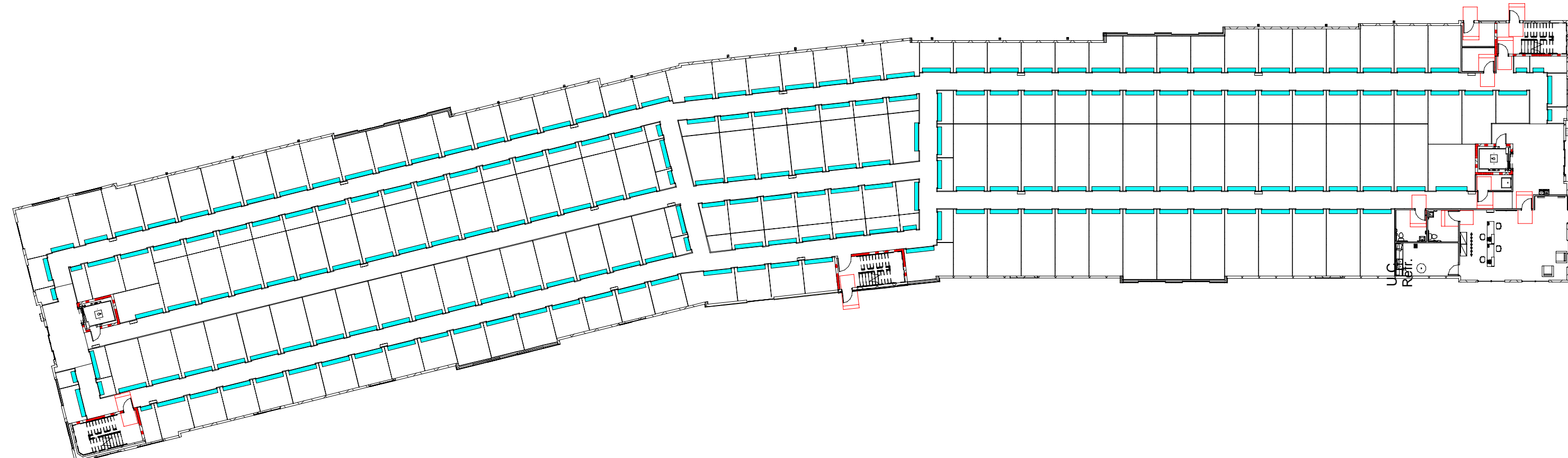
Unit Mix Schedule Third Floor			
Name	Count	Rent As	Rentable SF
5 x 5	42	25	1050
5 x 6.5	1	32.5	32.5
5 x 10	68	50	3400
5 x 12	7	60	420
10 x 5	60	50	3000
10 x 6.5	5	65	325
10 x 7.5	11	75	825
10 x 8.5	2	85	170
10 x 10	60	100	6000
10 x 12	12	120	1440
10 x 13	4	130	520
10 x 14	10	140	1400
10 x 15	32	150	4800
10 x 17	3	170	510
10 x 18.5	2	185	370
16 x 15	1	240	240
Grand total:	320		24502.5



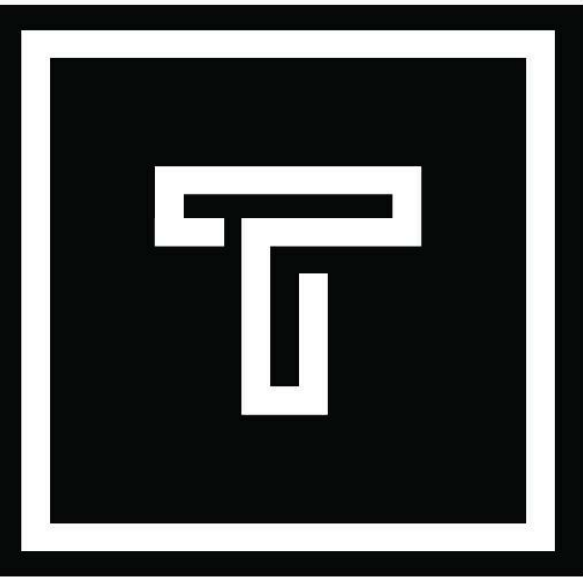
AD100.0.3 - Unit Mix Third Floor Overall Plan
FOR REFERENCE ONLY



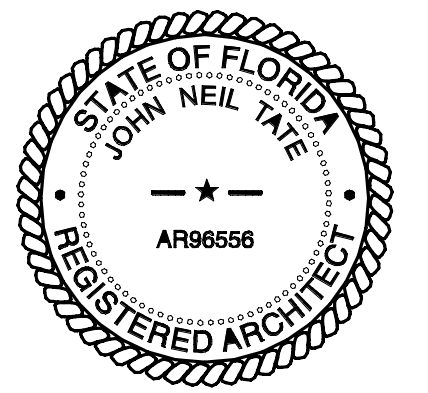
AD100.0.2 - Unit Mix Second Floor Overall Plan
FOR REFERENCE ONLY



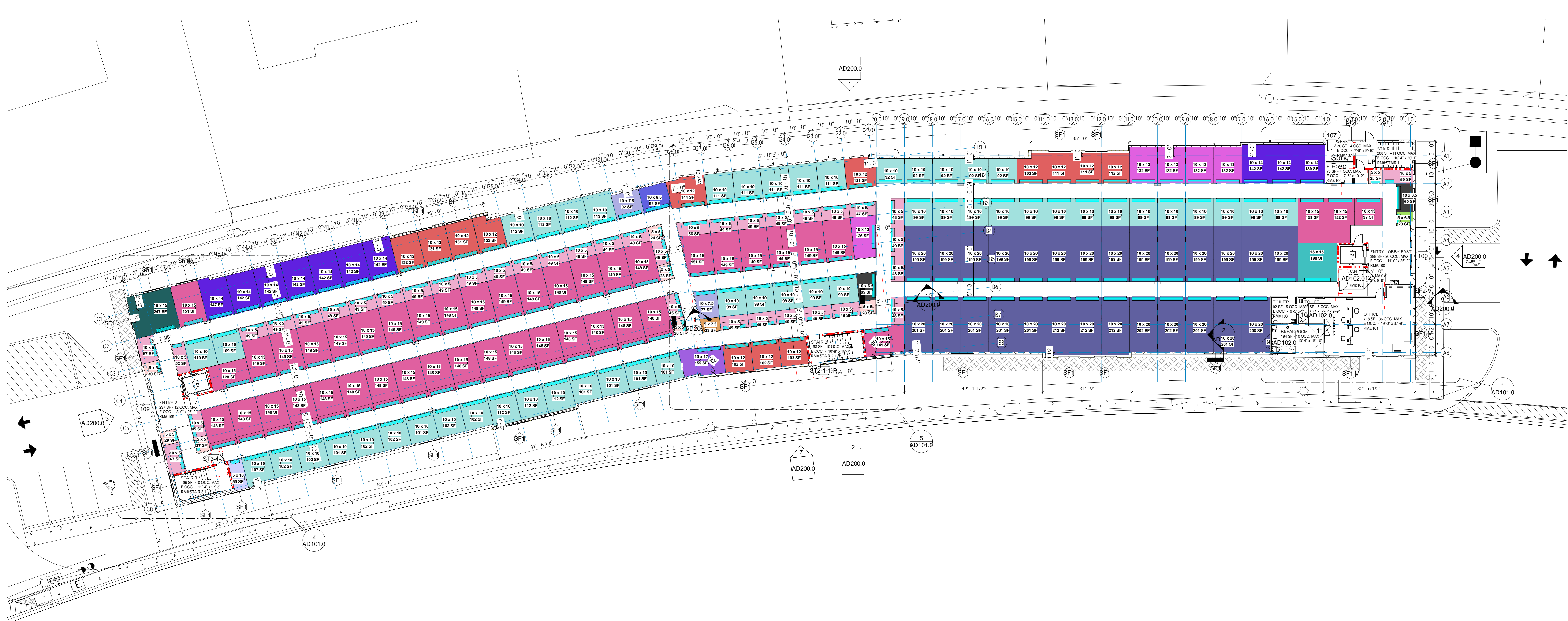
AD100.0.1 - Unit Mix Ground Floor Overall Plan
FOR REFERENCE ONLY



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Unit Mix Schedule Ground Floor			
Name	Count	Rent As	Rentable SF
5 x 5	8	25	200
5 x 6.5	1	32.5	32.5
5 x 7.5	1	37.5	37.5
5 x 10	1	50	50
10 x 5	38	50	1900
10 x 6.5	2	65	130
10 x 7.5	2	75	150
10 x 8.5	1	85	85
10 x 10	51	100	5100
10 x 12	13	120	1560
10 x 13	5	130	650
10 x 14	10	140	1400
10 x 15	44	150	6600
10 x 17	1	170	170
10 x 20	27	200	5400
13 x 13	1	169	169
16 x 15	1	240	240
Grand total:	207		23874



Unit Legend

- 5 x 5
- 5 x 6.5
- 5 x 7.5
- 5 x 10
- 10 x 5
- 10 x 6.5
- 10 x 7.5
- 10 x 8.5
- 10 x 10
- 10 x 12
- 10 x 13
- 10 x 14
- 10 x 15
- 10 x 17
- 10 x 20
- 13 x 13
- 16 x 15

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Issue Date:
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Revisions:
sroa comments - 08.31.2023

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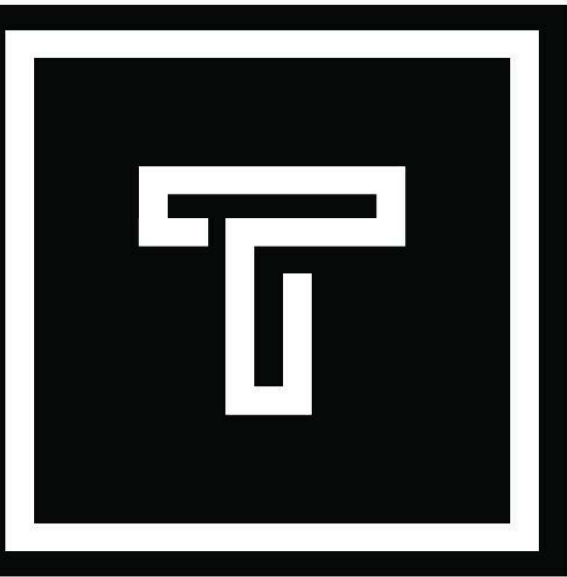
Architectural -
Ground Floor Plan

AD100.1

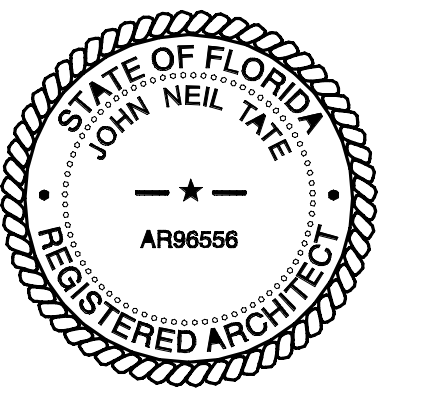
AD100.1.2 - Unit Mix Ground Floor (33,725 GSF)

1/16" = 1'-0"

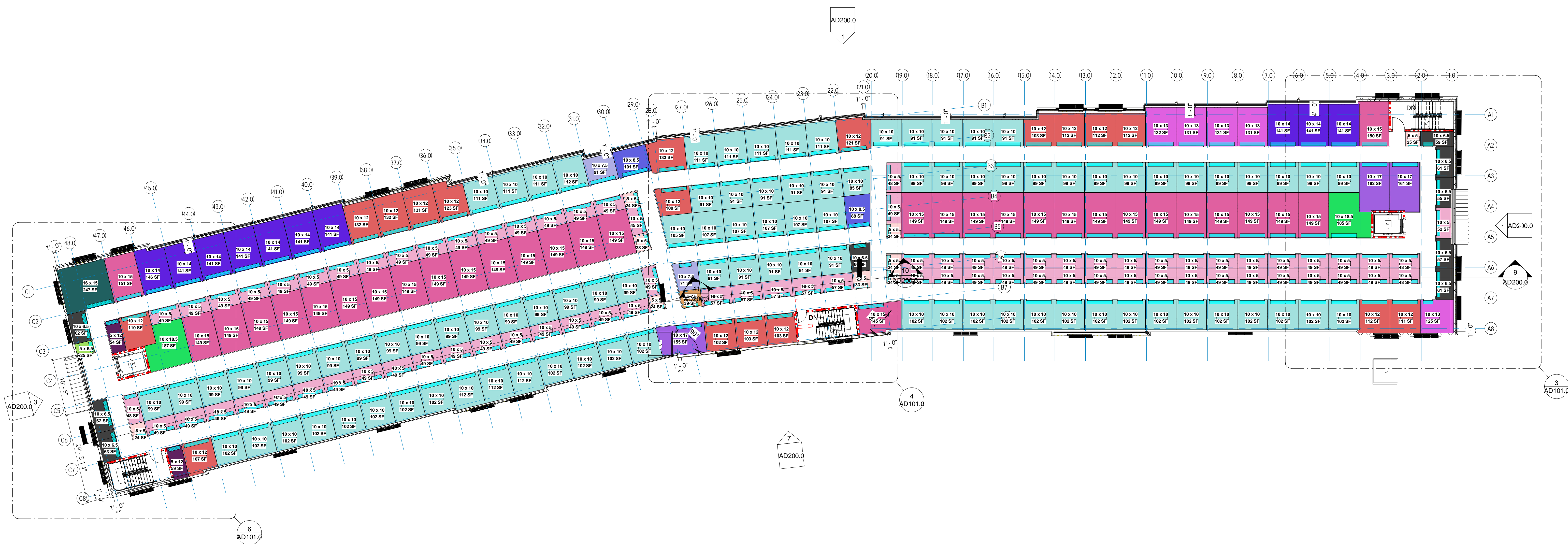
Sheet No.



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Unit Mix Schedule 2nd Floor			
Name	Count	Rent As	Rentable SF
5 x 5	9	25	225
5 x 6.5	1	32.5	32.5
5 x 7.5	1	37.5	37.5
5 x 12	2	60	120
10 x 5	78	50	3900
10 x 6.5	9	65	585
10 x 7.5	2	75	150
10 x 8.5	2	85	170
10 x 10	93	100	9300
10 x 12	18	120	2160
10 x 13	5	130	650
10 x 14	10	140	1400
10 x 15	32	150	4800
10 x 17	3	170	510
10 x 18.5	2	185	370
16 x 15	1	240	240
Grand total:	268		24650



Unit Legend

- 5 x 5
- 5 x 6.5
- 5 x 7.5
- 5 x 12
- 10 x 5
- 10 x 6.5
- 10 x 7.5
- 10 x 8.5
- 10 x 10
- 10 x 12
- 10 x 13
- 10 x 14
- 10 x 15
- 10 x 17
- 10 x 18.5
- 16 x 15

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Revisions:
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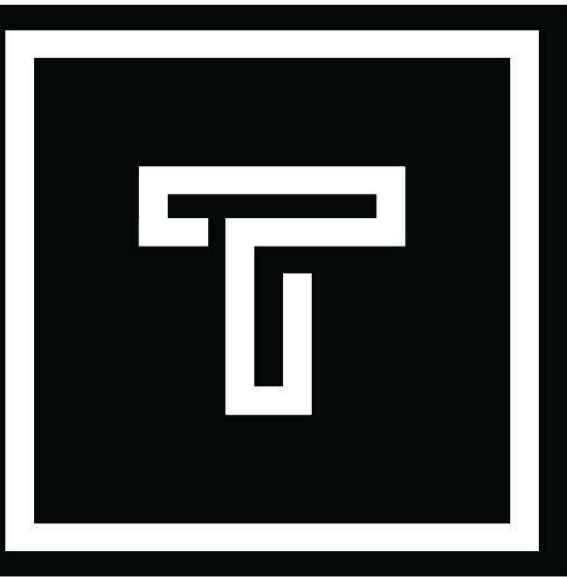
Architectural -
Second Floor Plan

AD100.2

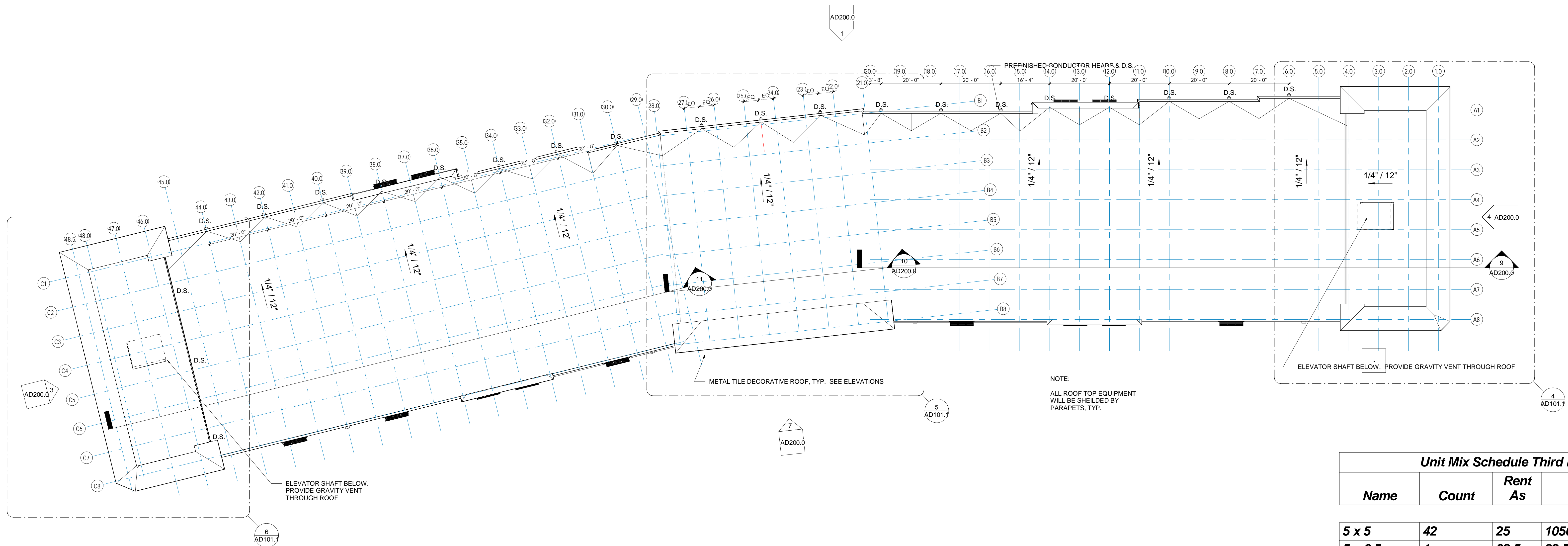
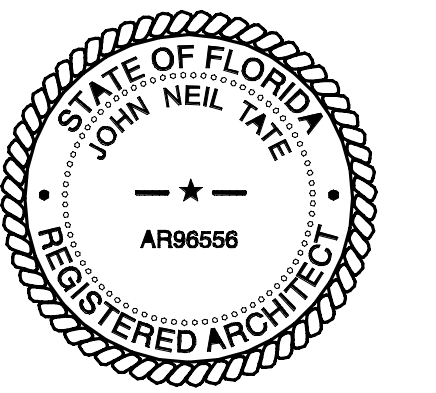
Sheet No.

AD100.2.2 - Unit Mix Second Floor (33,625 GSF)

1/16" = 1'-0"



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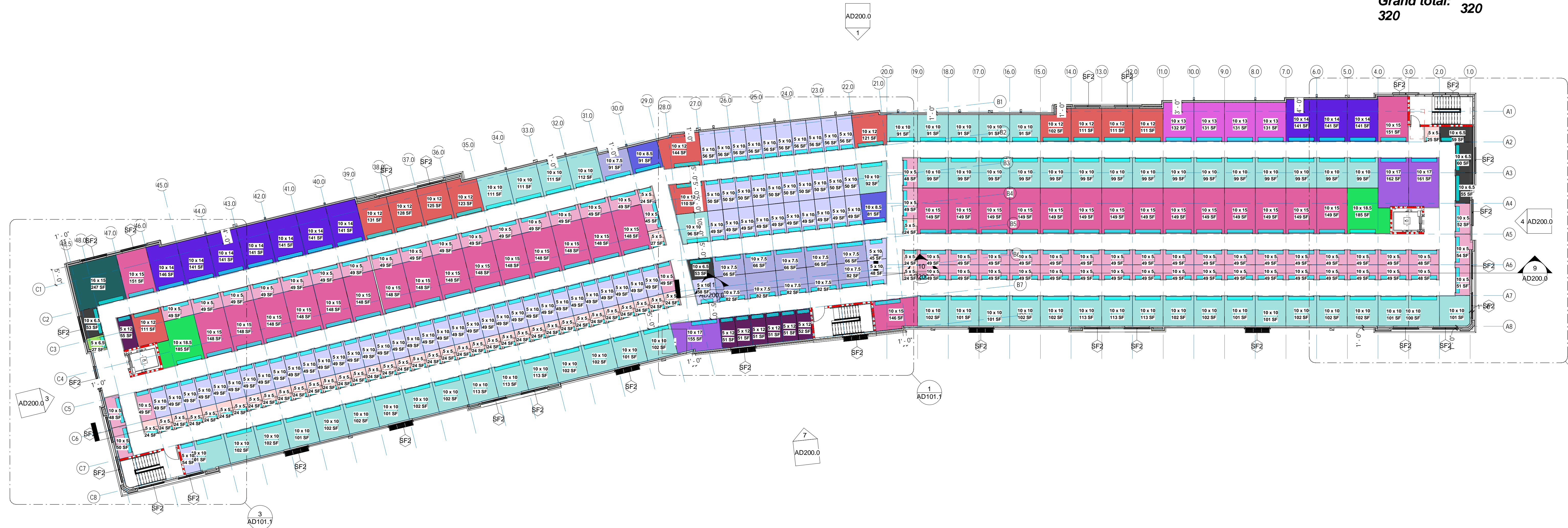


AD100.3.3 - Roof Plan
1/16" = 1'-0"

Unit Mix Schedule Third Floor

Name	Count	Rent As	Rentable SF
------	-------	---------	-------------

5 x 5	42	25	1050
5 x 6.5	1	32.5	32.5
5 x 10	68	50	3400
5 x 12	7	60	420
10 x 5	60	50	3000
10 x 6.5	5	65	325
10 x 7.5	11	75	825
10 x 8.5	2	85	170
10 x 10	60	100	6000
10 x 12	12	120	1440
10 x 13	4	130	520
10 x 14	10	140	1400
10 x 15	32	150	4800
10 x 17	3	170	510
10 x 18.5	2	185	370
16 x 15	1	240	240
Grand total:	320	320	24502.5



AD100.3.2 - Unit Mix Third Floor (33,345 GSF)
1/16" = 1'-0"

Unit Legend

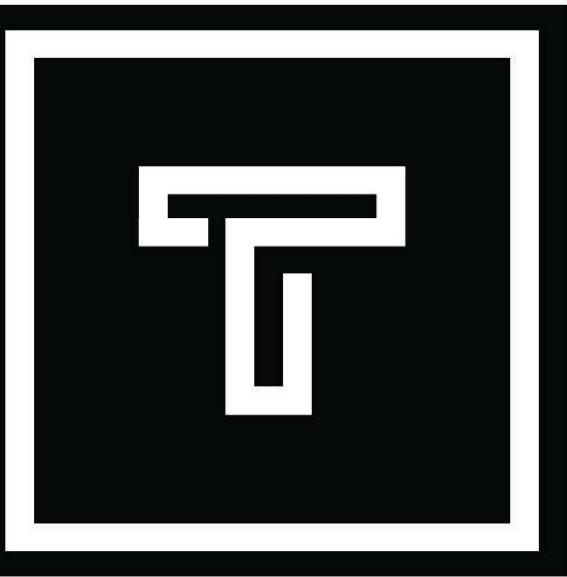
- 5 x 5
- 5 x 6.5
- 5 x 10
- 5 x 12
- 10 x 5
- 10 x 6.5
- 10 x 7.5
- 10 x 8.5
- 10 x 10
- 10 x 12
- 10 x 13
- 10 x 14
- 10 x 15
- 10 x 17
- 10 x 18.5
- 16 x 15

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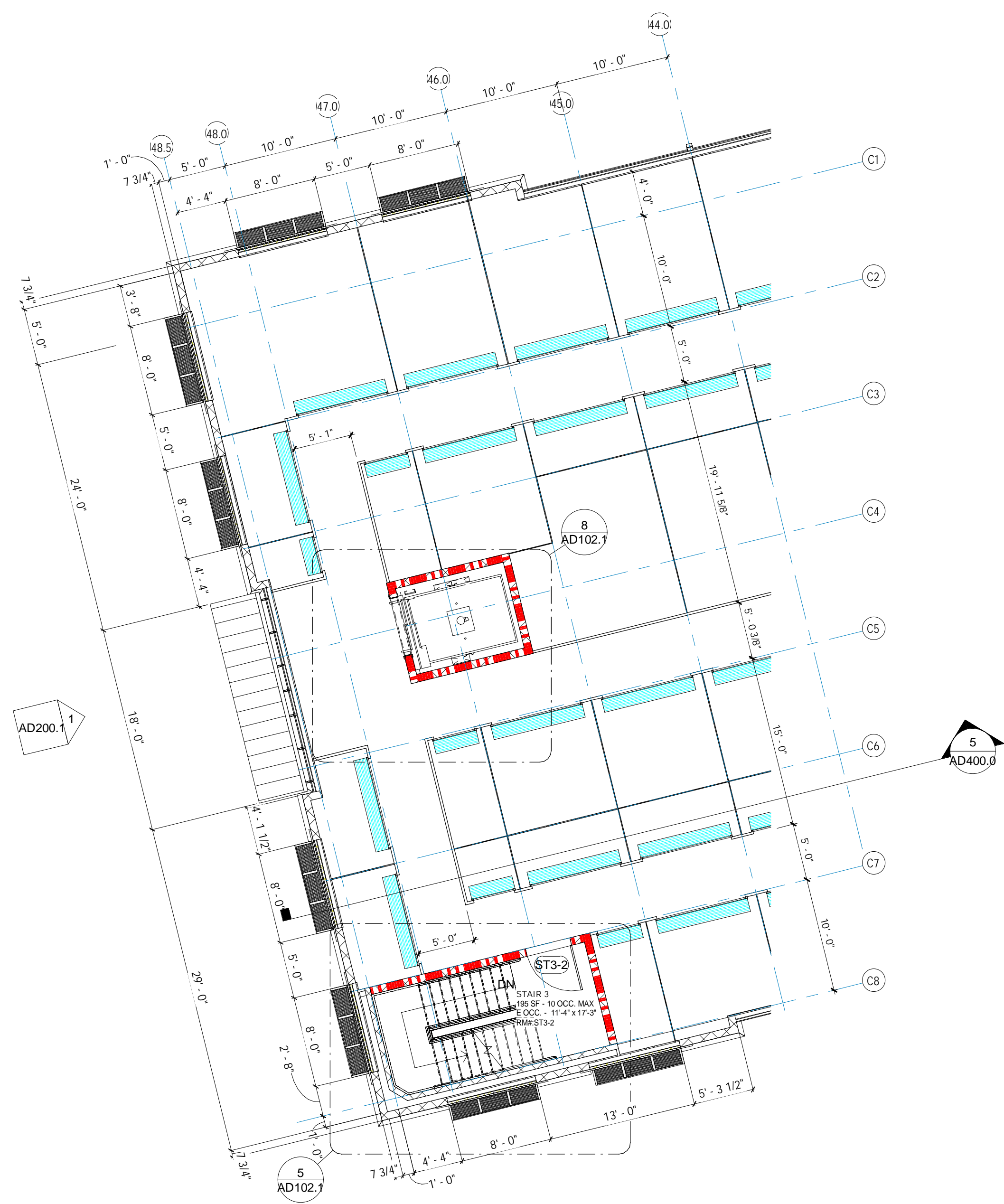
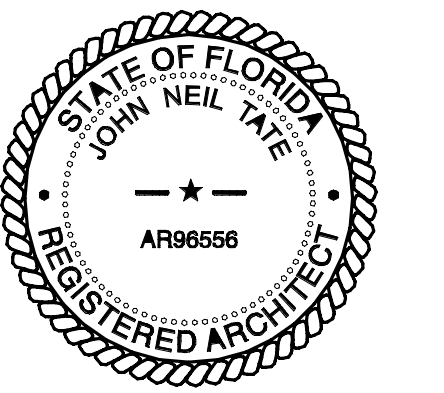
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Revisions:
srao comments - 08.31.2023

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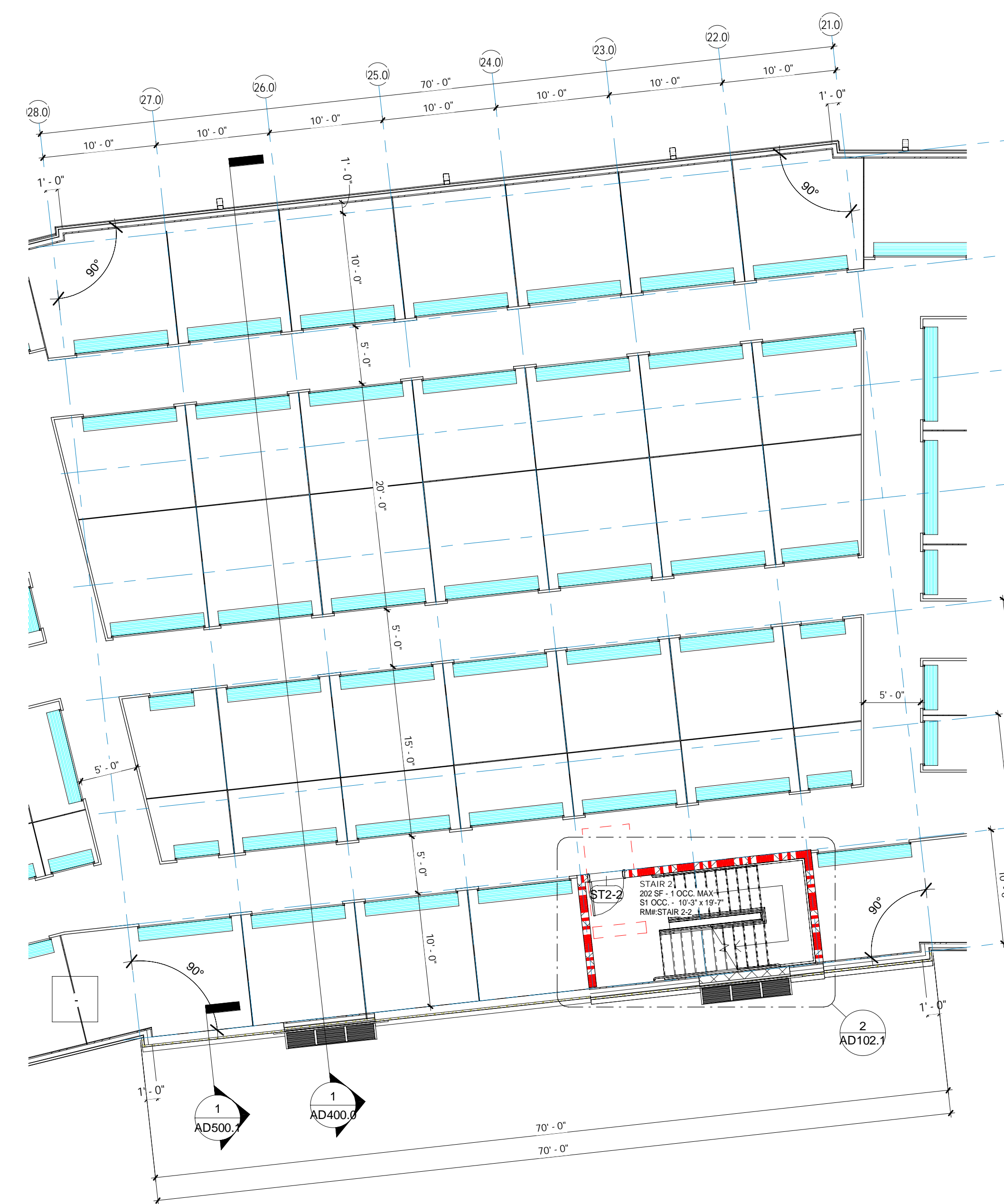
Architectural - Third Floor/Roof Plan



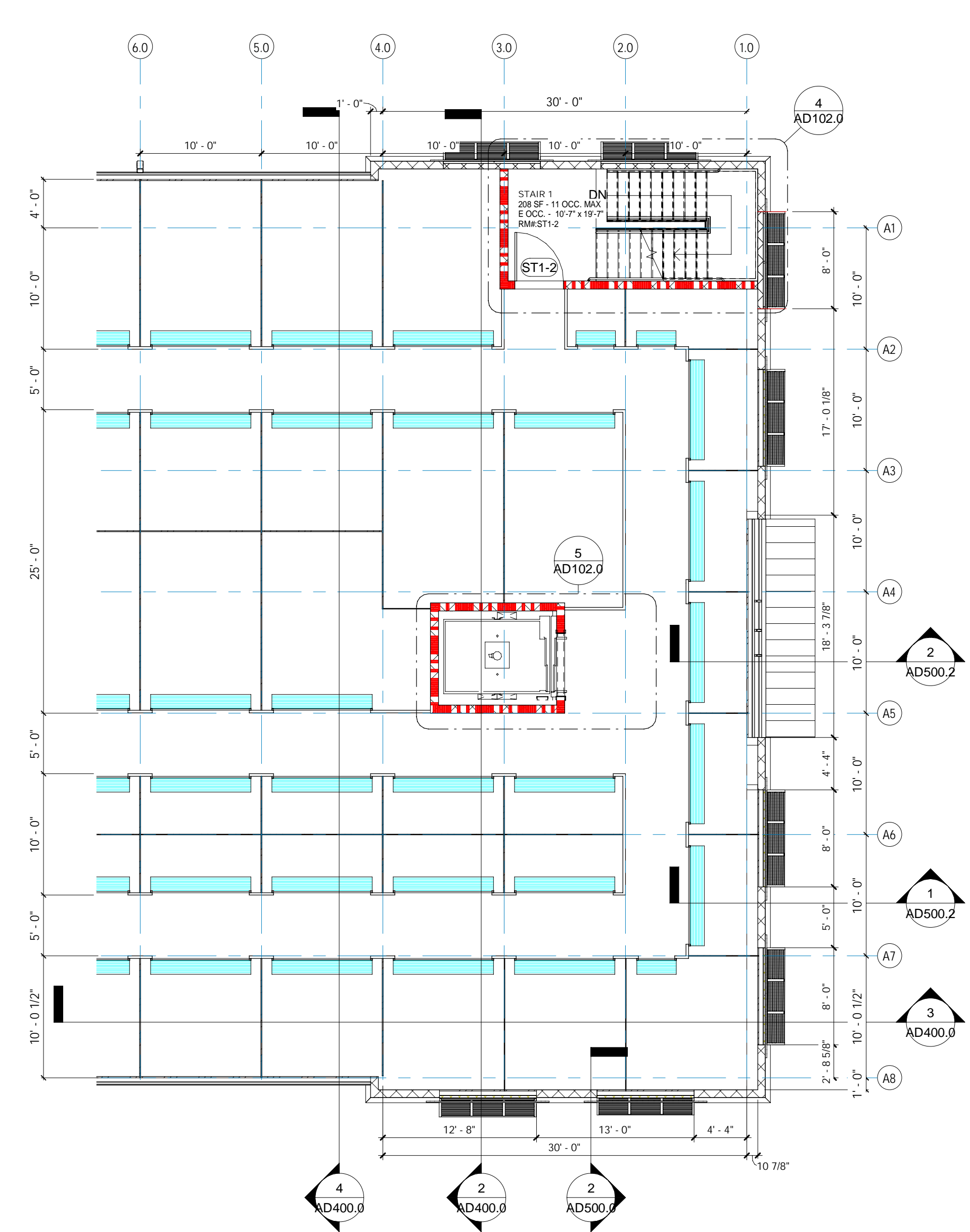
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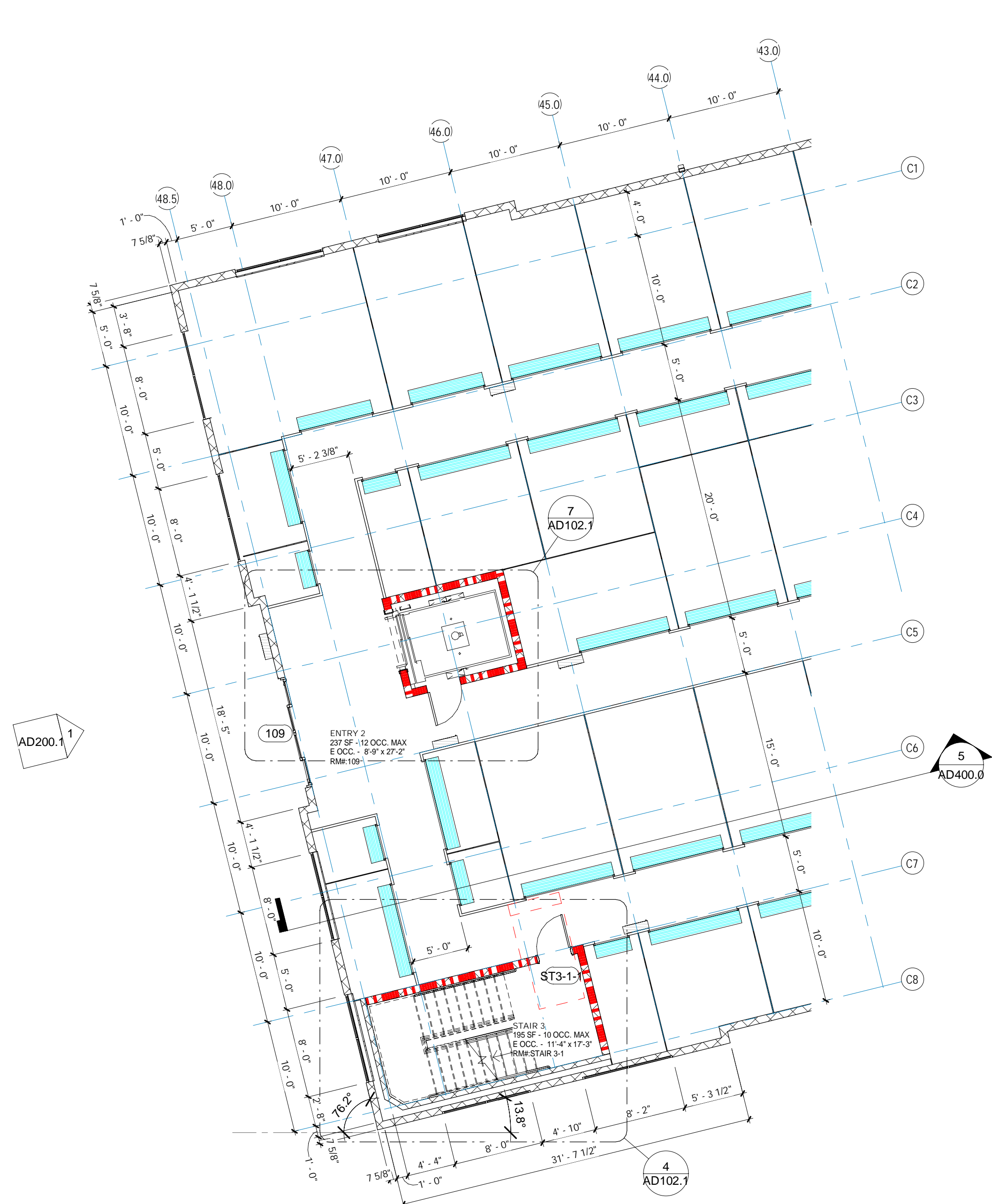
AD101.0.6 - Second Floor Enlarged West 1/8"
1/8" = 1'-0"



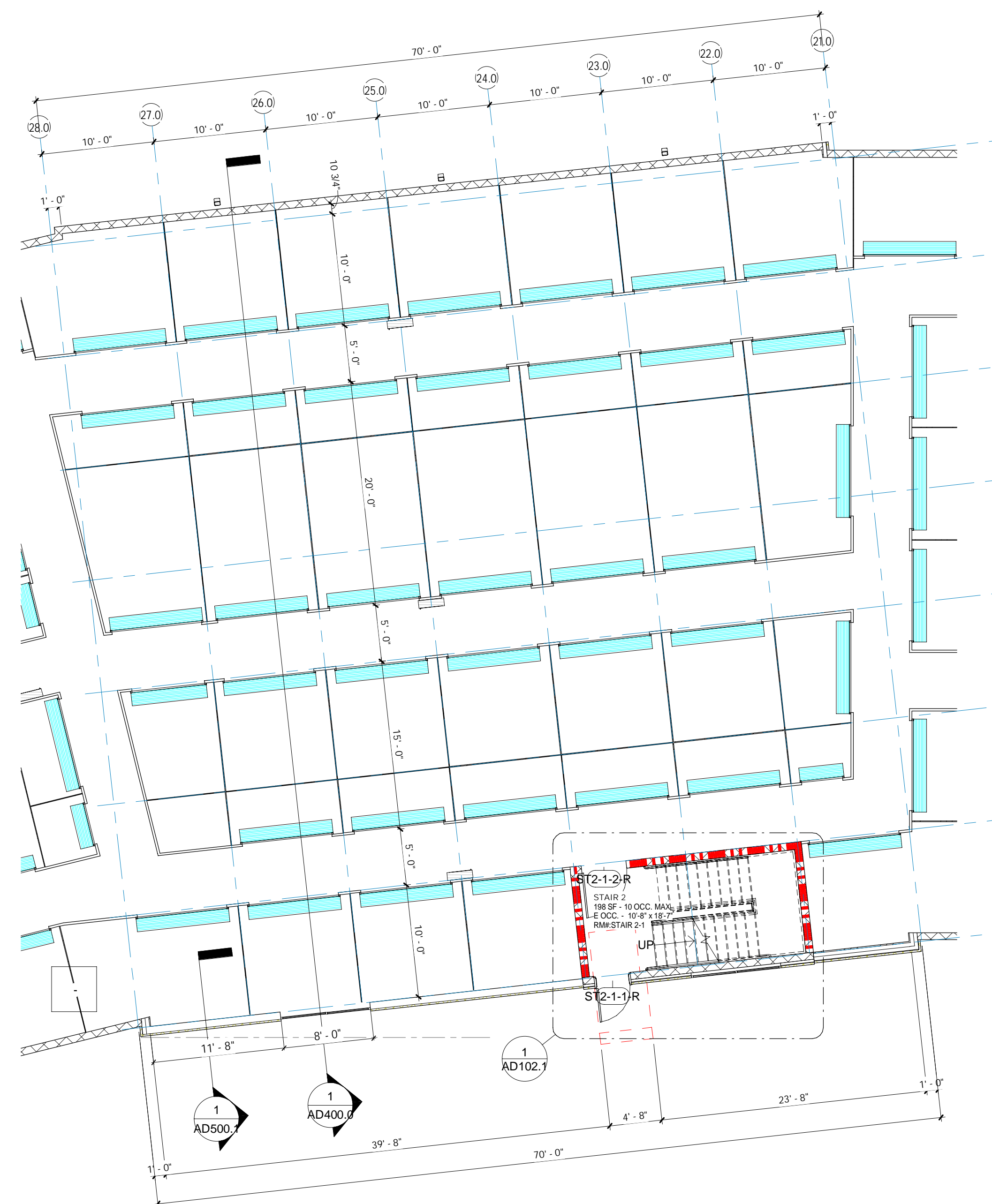
AD101.0.4 - Second Floor Enlarged Center 1/8"
1/8" = 1'-0"



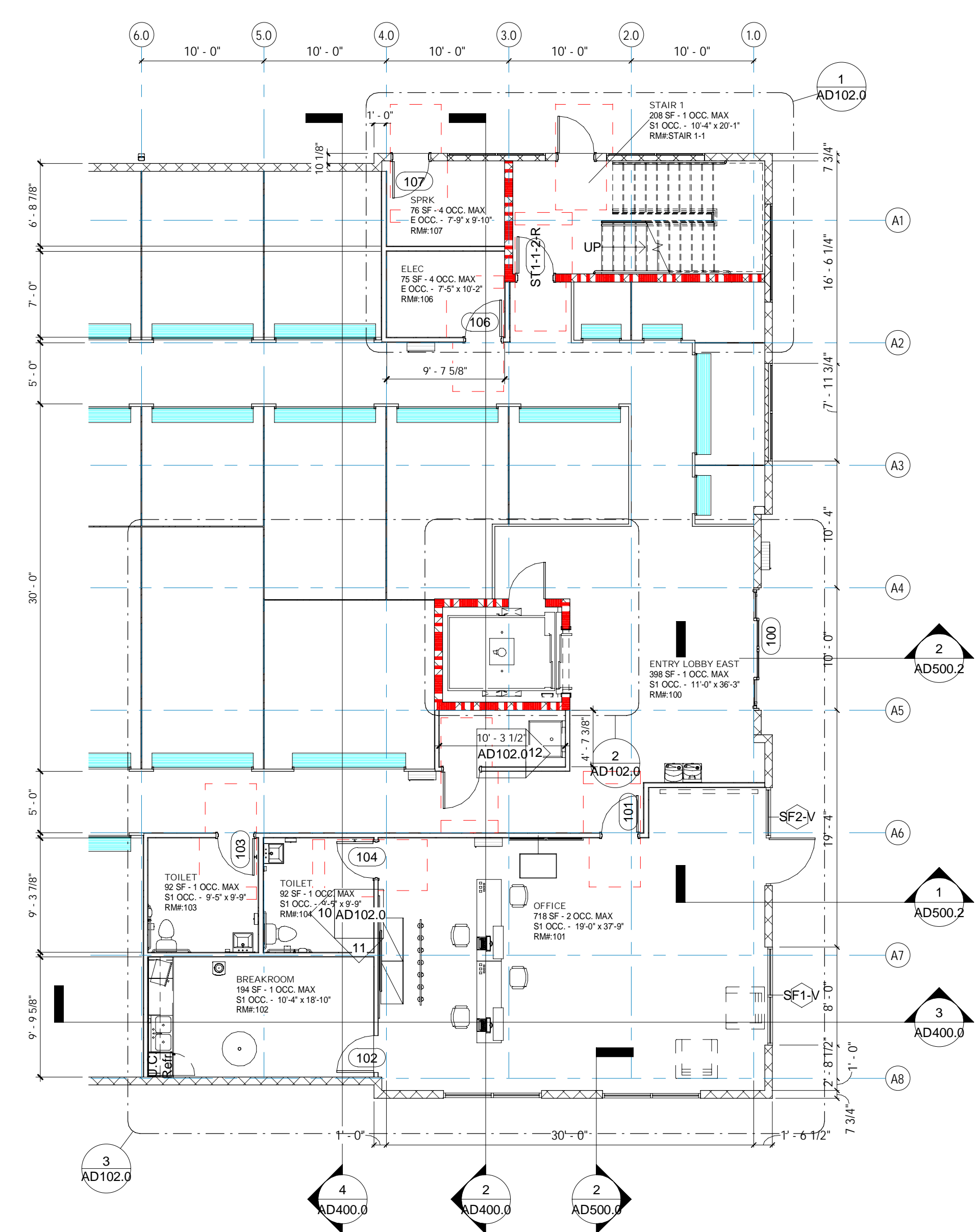
AD101.0.3 - Second Floor Enlarged East 1/8"
1/8" = 1'-0"



AD101.0.2 - Ground Floor Enlarged West 1/8"
1/8" = 1'-0"



AD101.0.5 - Ground Floor Enlarged Center 1/8"
1/8" = 1'-0"



AD101.0.1 - Ground Floor Enlarged East 1/8"
1/8" = 1'-0"

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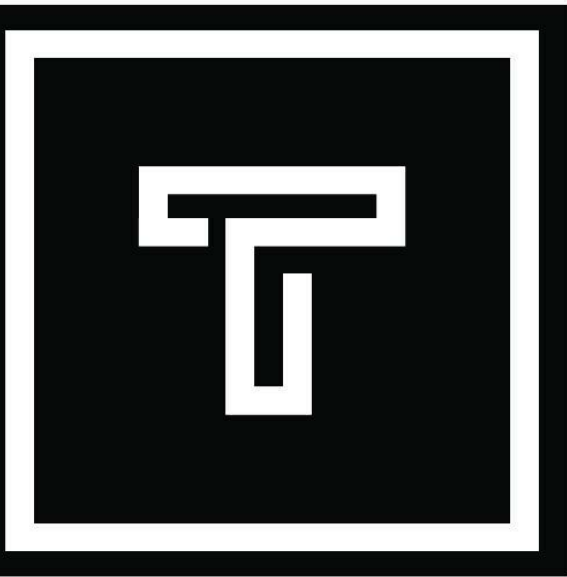
Commission: MSSI Design LLC
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New Self Storage Facility
45th Street
Palm Beach County - Mangonia Park, FL
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Revisions:
1 sroa comments - 08.31.2023

Project Reference North

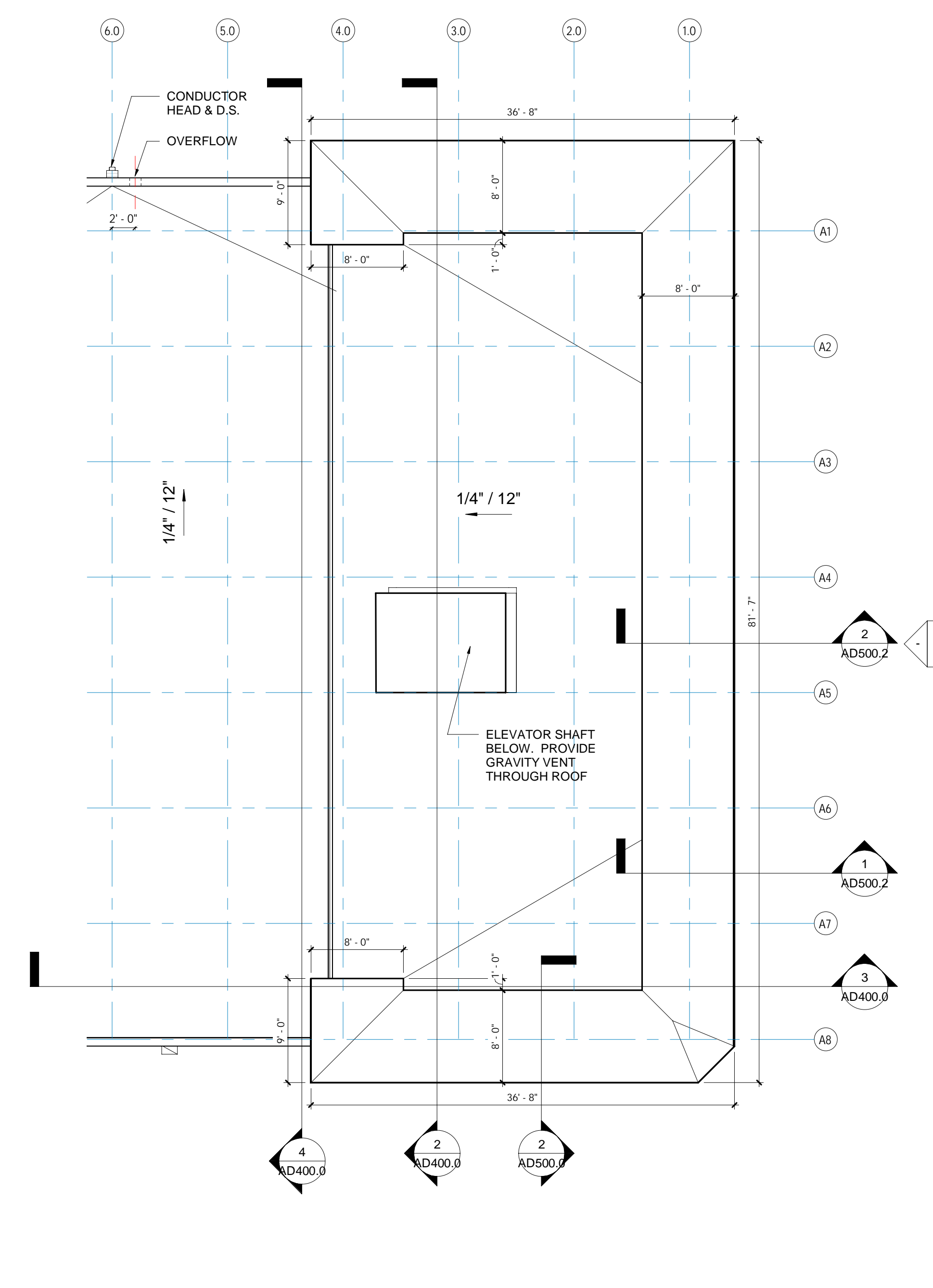
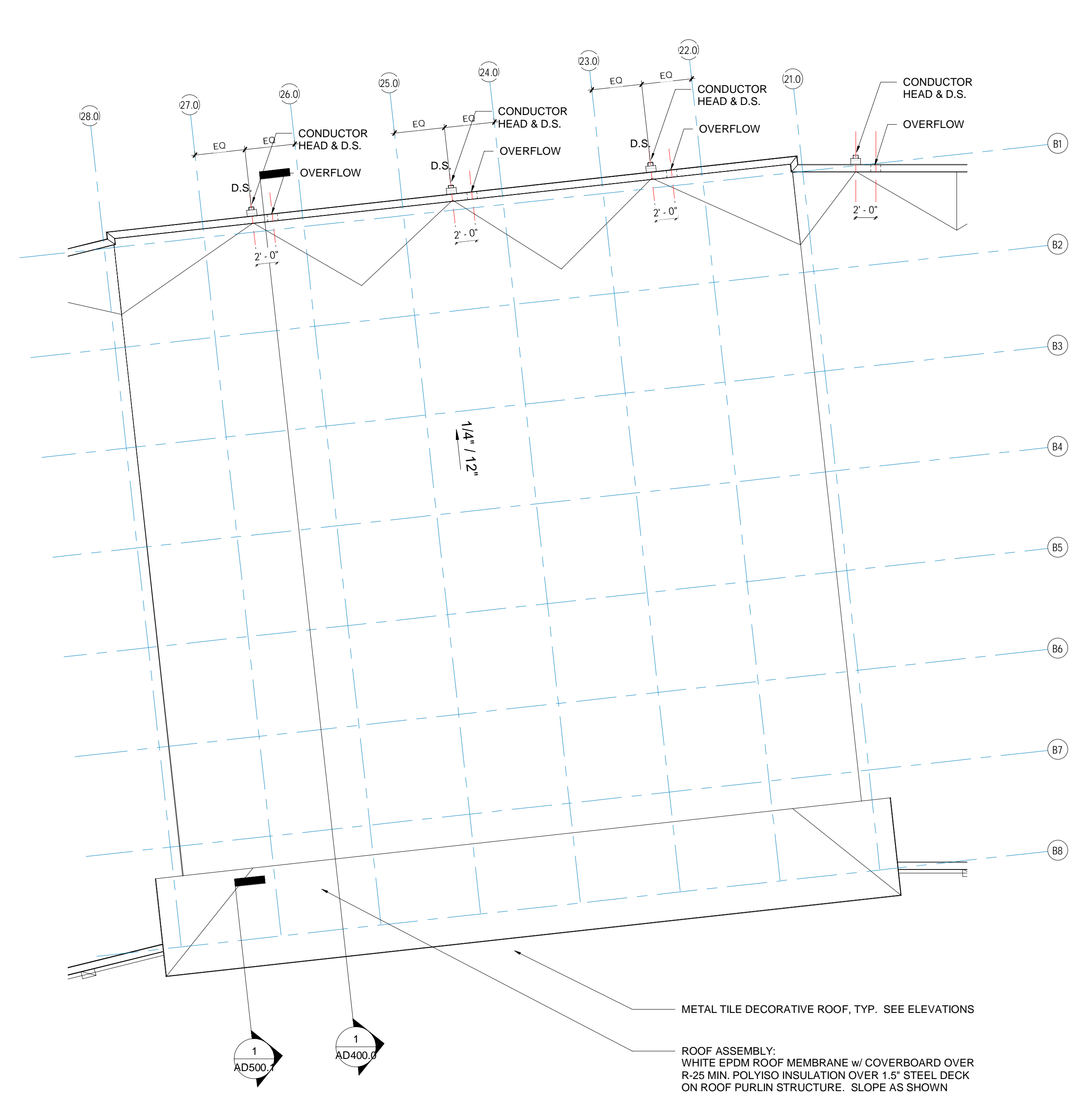
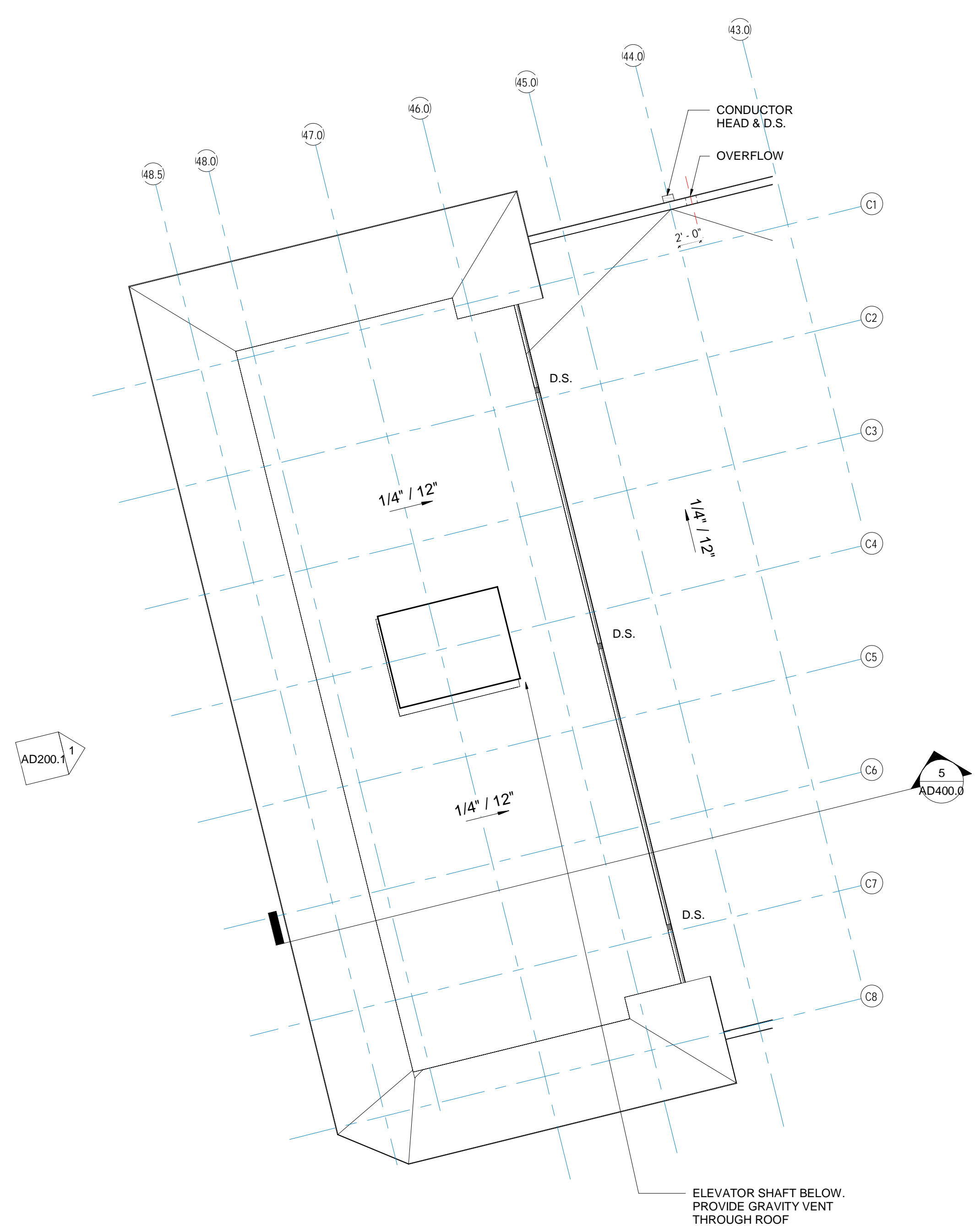
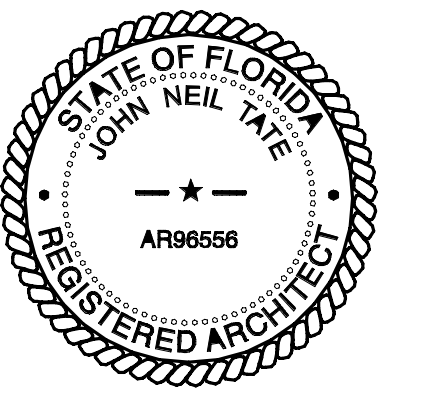
Architectural -
Enlarged 1/8" Plans

AD101.0

Sheet No.



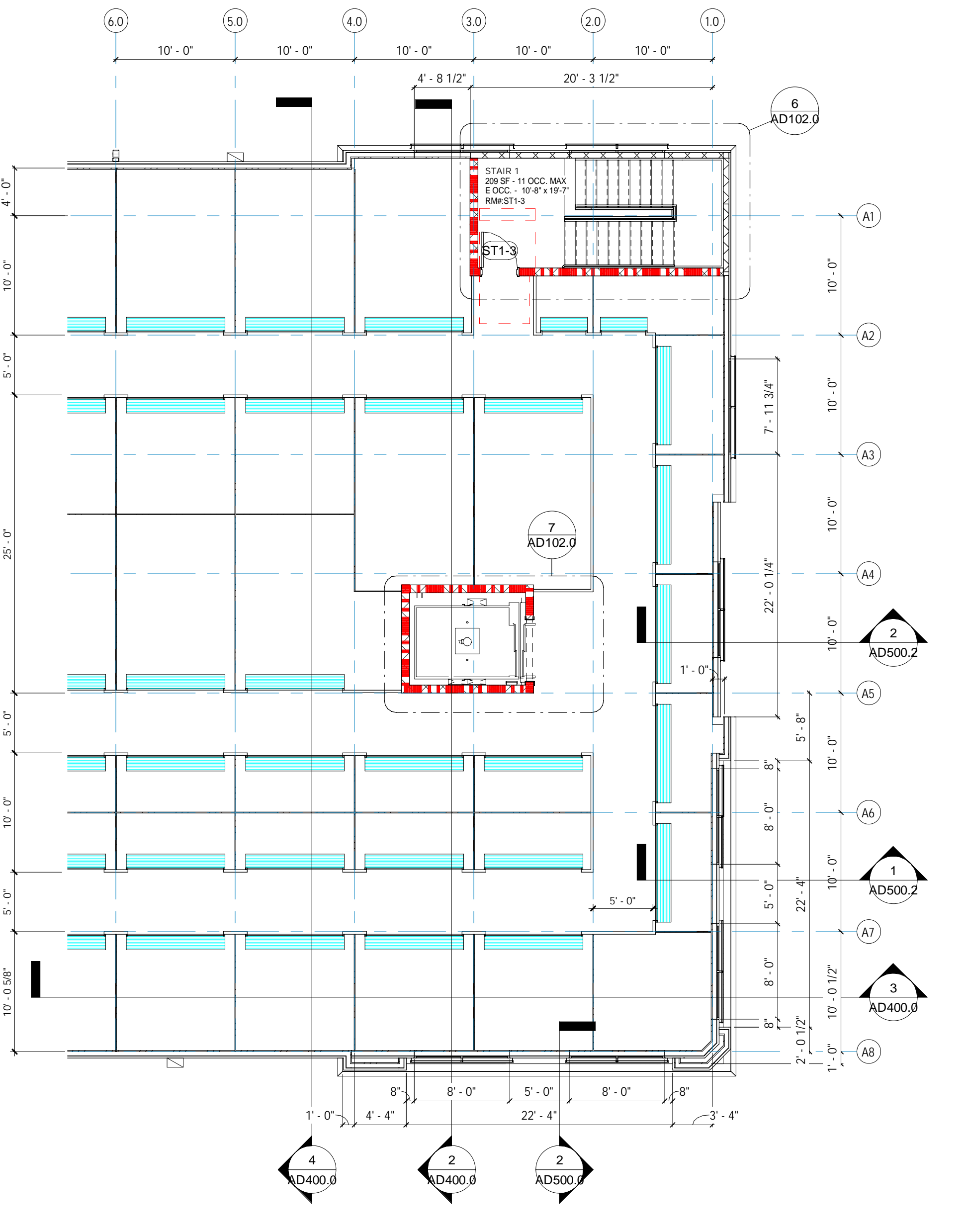
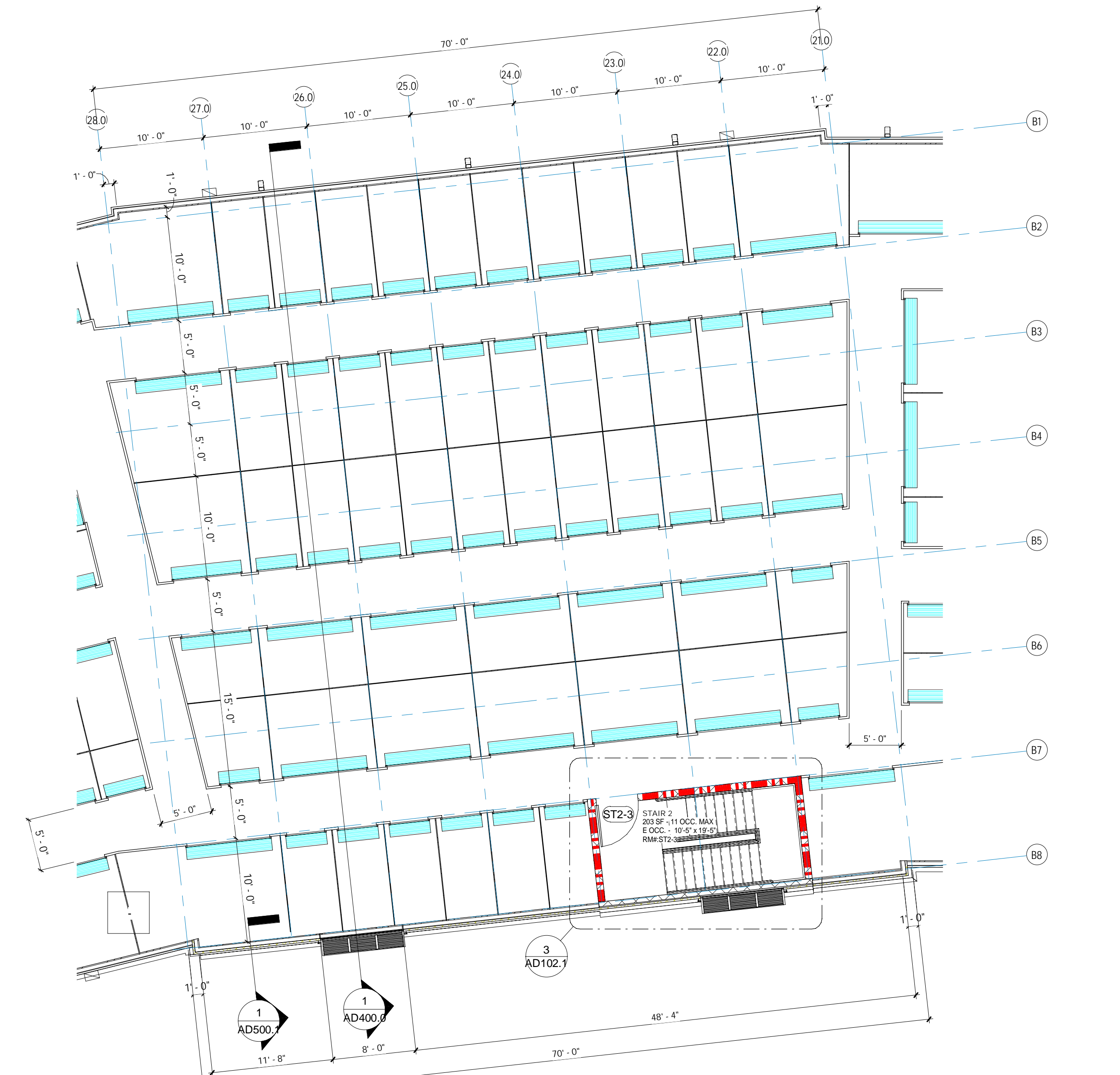
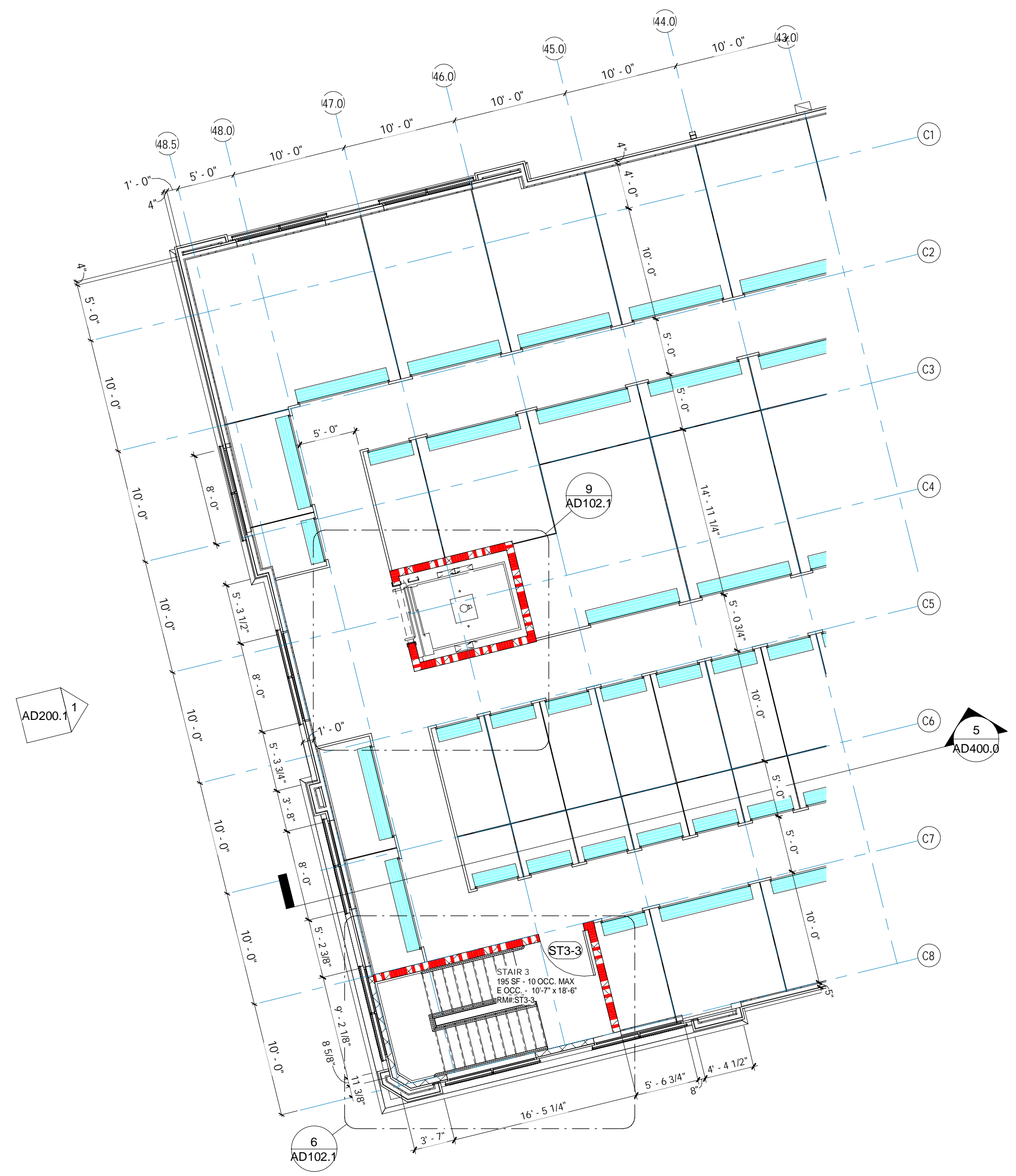
tate architecture pllc
kernersville, nc 27285
336.413.0601
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AD101.1.6 - Roof Plan Enlarged West 1/8"
1/8" = 1'-0"

AD101.1.5 - Roof Plan Enlarged Center 1/8"
1/8" = 1'-0"

AD101.1.4 - Roof Plan Enlarged East 1/8"
1/8" = 1'-0"



AD101.1.3 - Third Floor Enlarged West 1/8"
1/8" = 1'-0"

AD101.1.1 - Third Floor Enlarged Center 1/8"
1/8" = 1'-0"

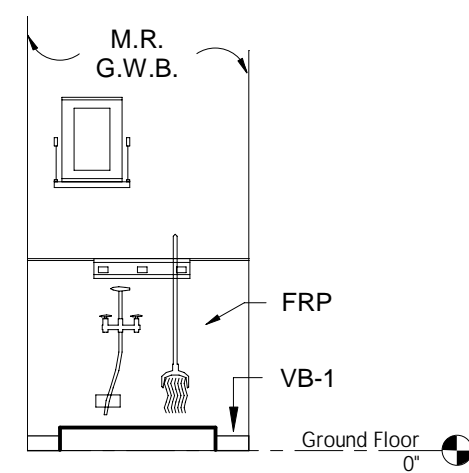
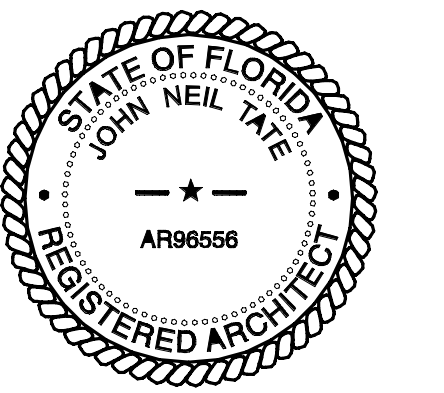
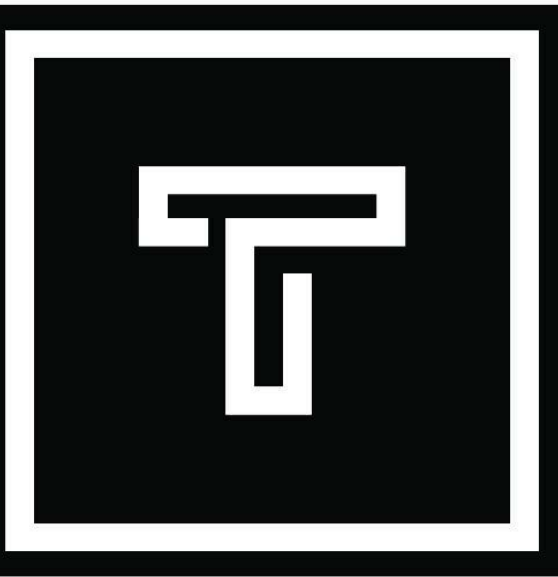
AD101.1.2 - Third Floor Enlarged East 1/8"
1/8" = 1'-0"

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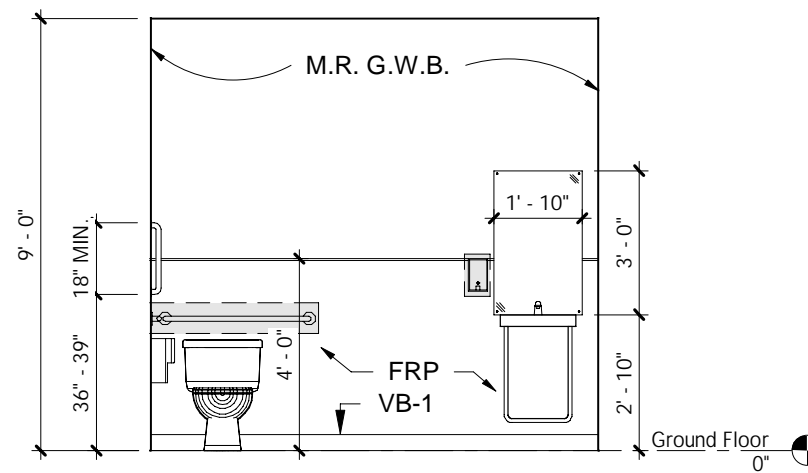
Commission: MSSI Design LLC
6520 Coles Center Drive
Kernersville, GA
New Self Storage Facility
45th Street
Palm Beach County - Mangonia Park, FL
Commission Number: 2021-26
Issue Date: 11.04.2022
Revisions:
1 sroa comments - 08.31.2023

Project Reference North

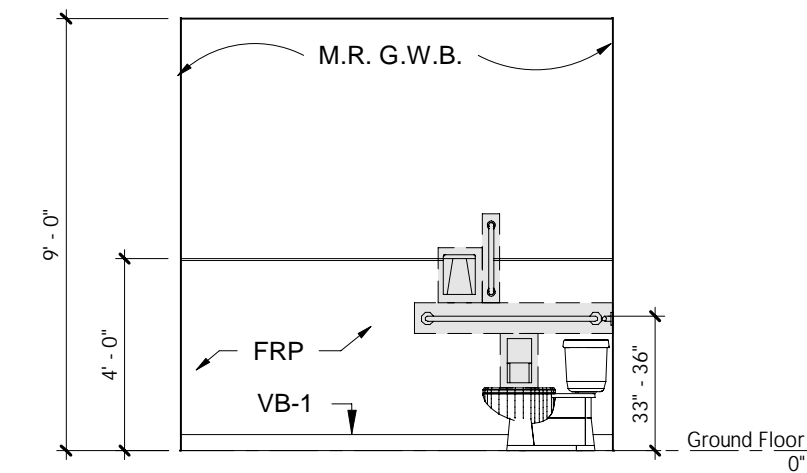
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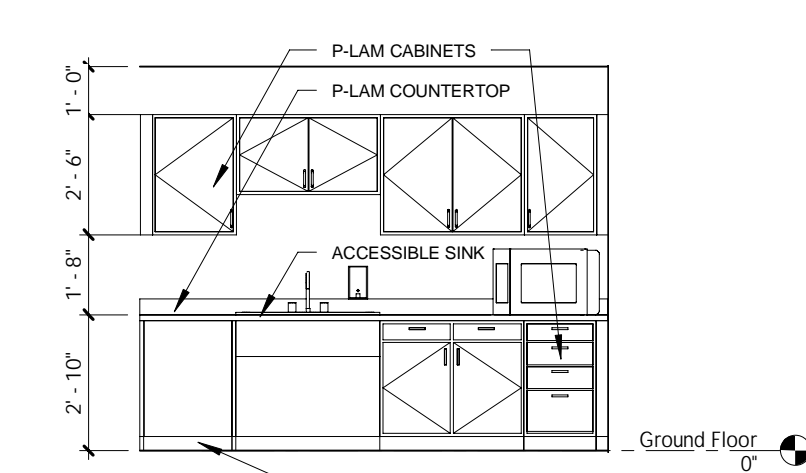
AD102.0.12 - Jan.
1/4" = 1'-0"



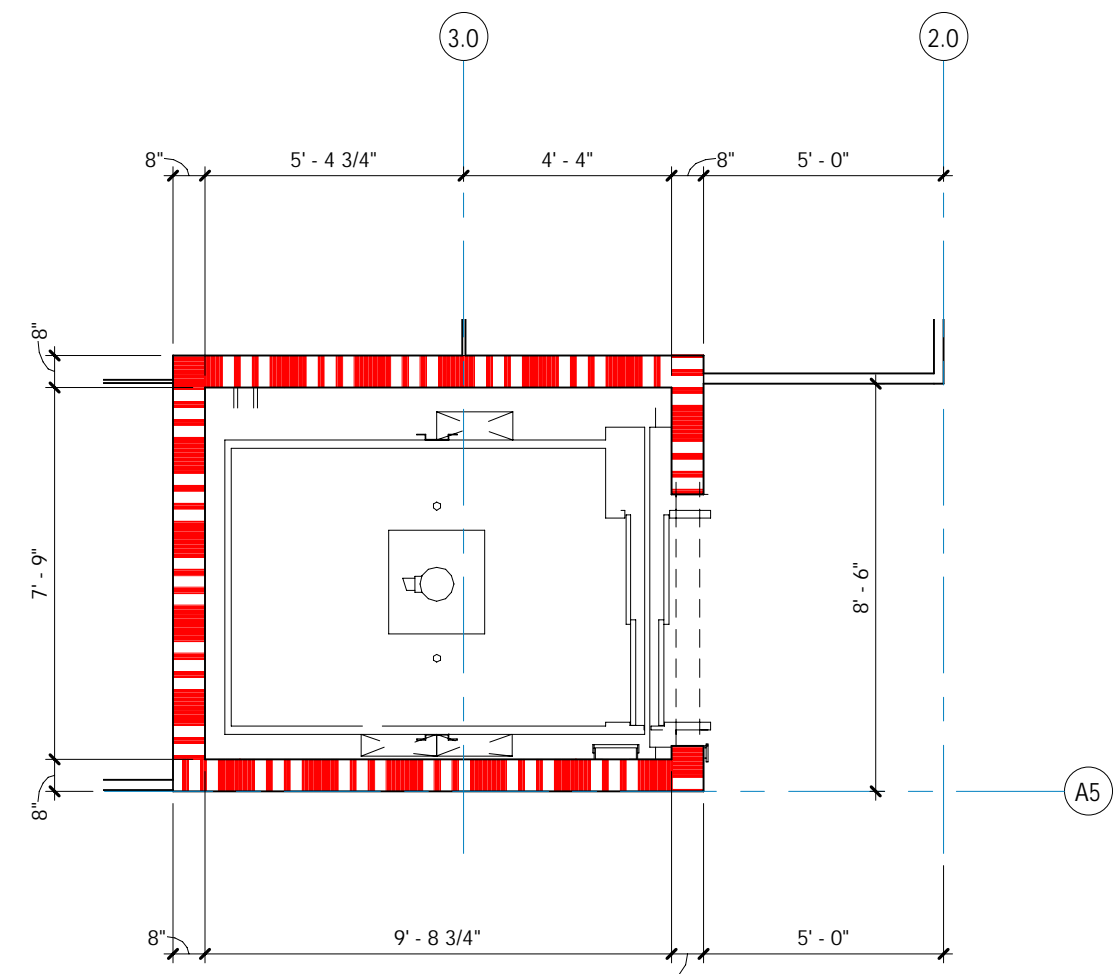
AD102.0.10 - Toilet
1/4" = 1'-0"



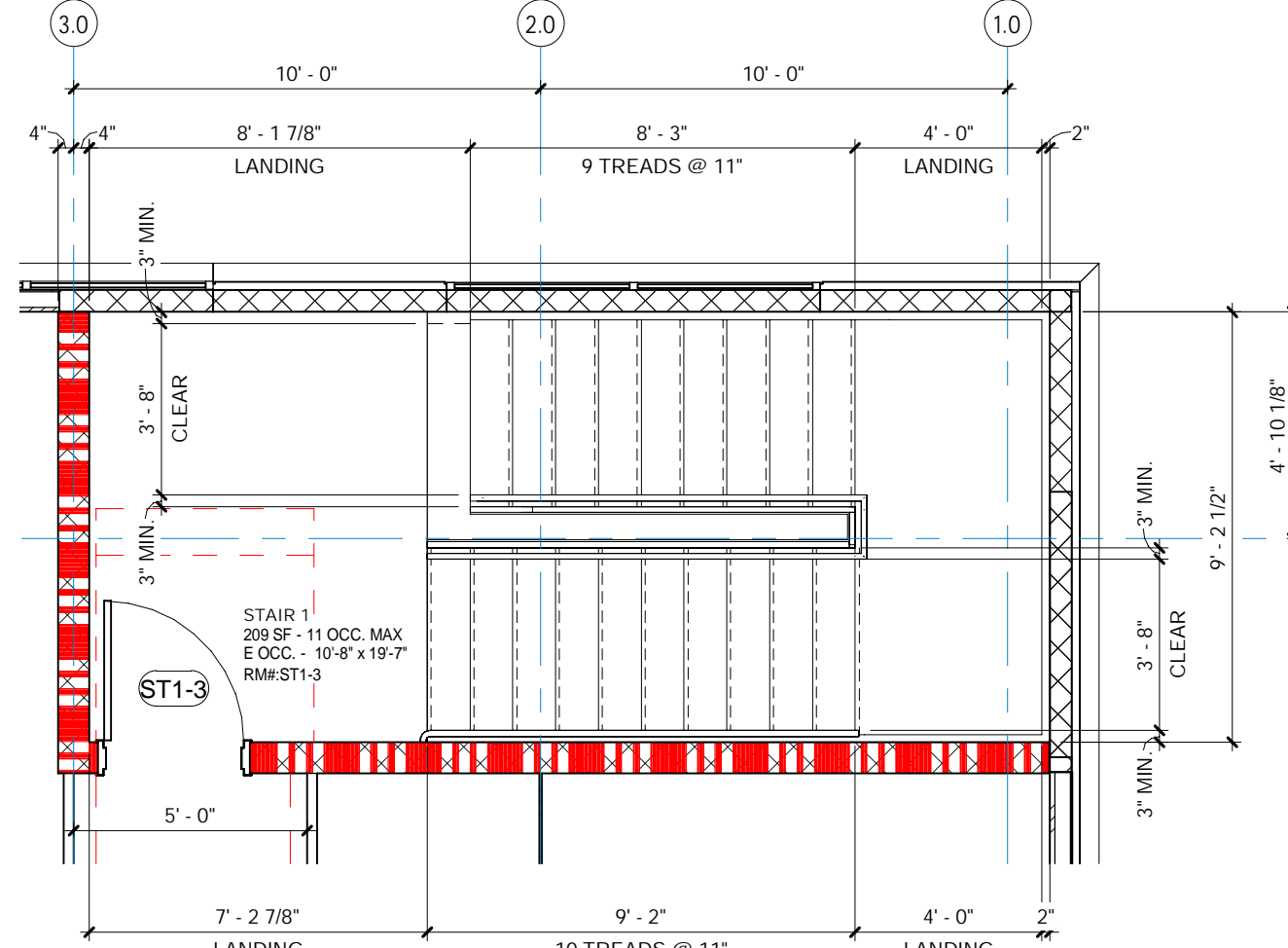
AD102.0.11 - Toilet
1/4" = 1'-0"



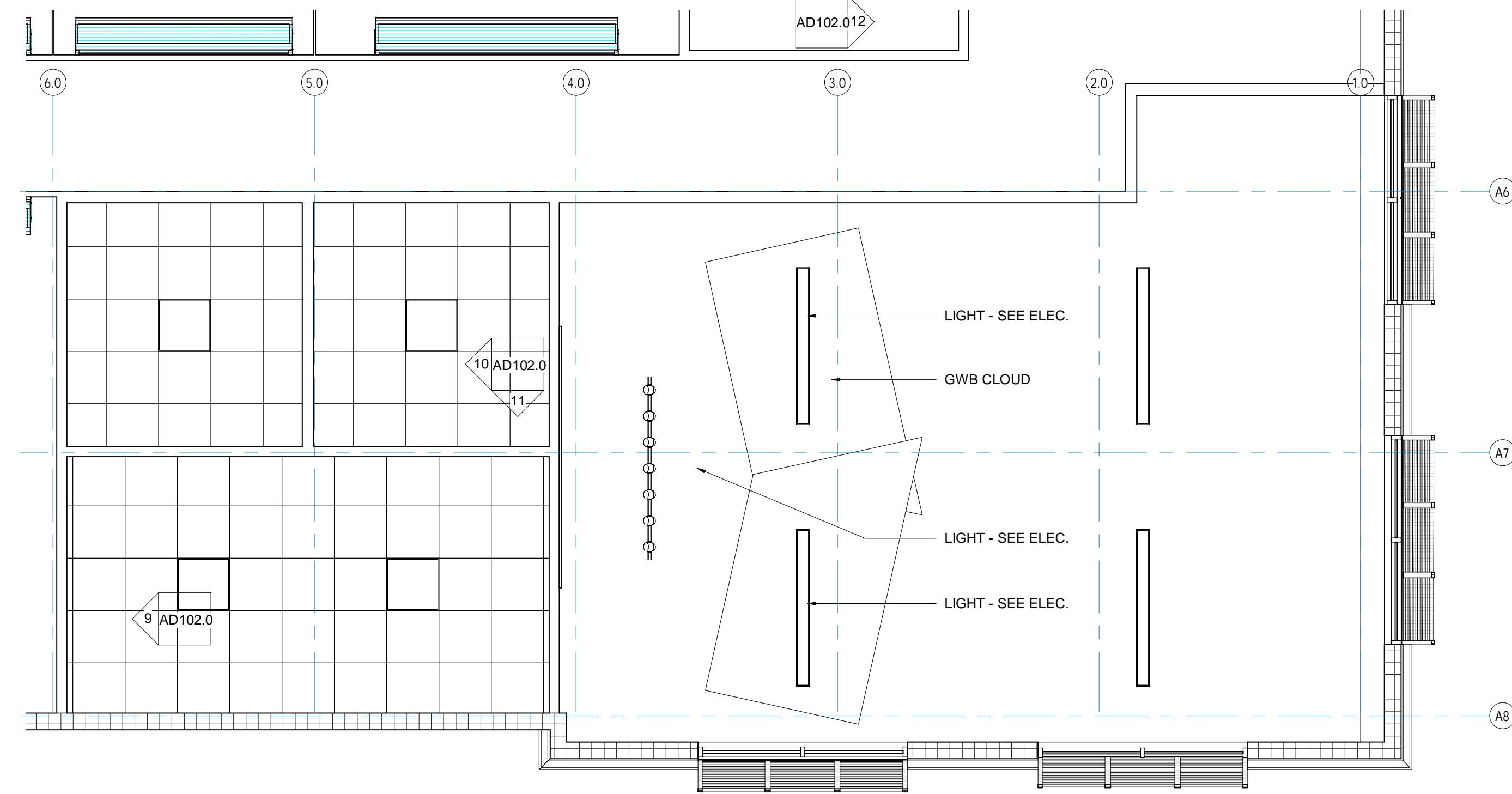
AD102.0.9 - Breakroom
1/4" = 1'-0"



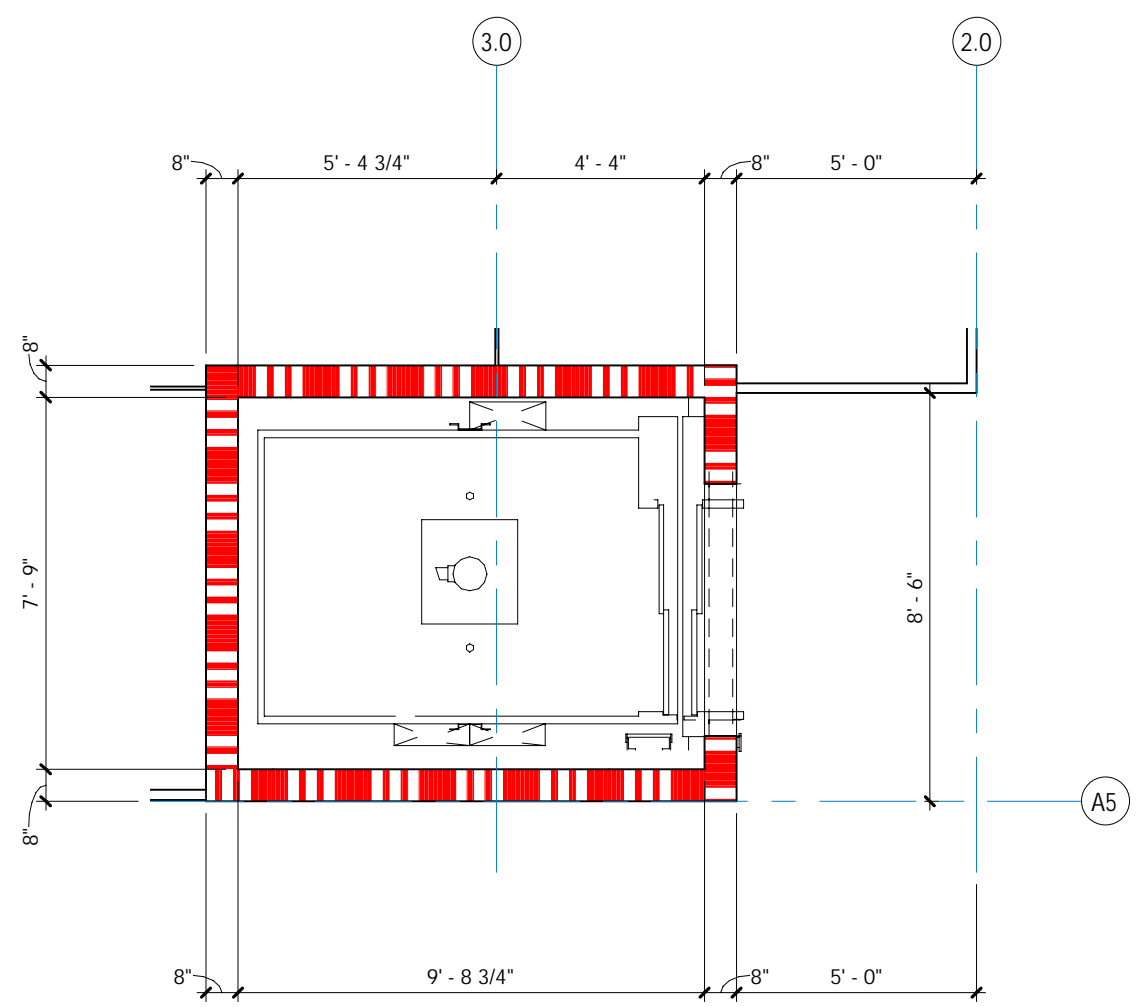
AD102.0.7 - Third Floor - Elevator 1 Plan
1/4" = 1'-0"



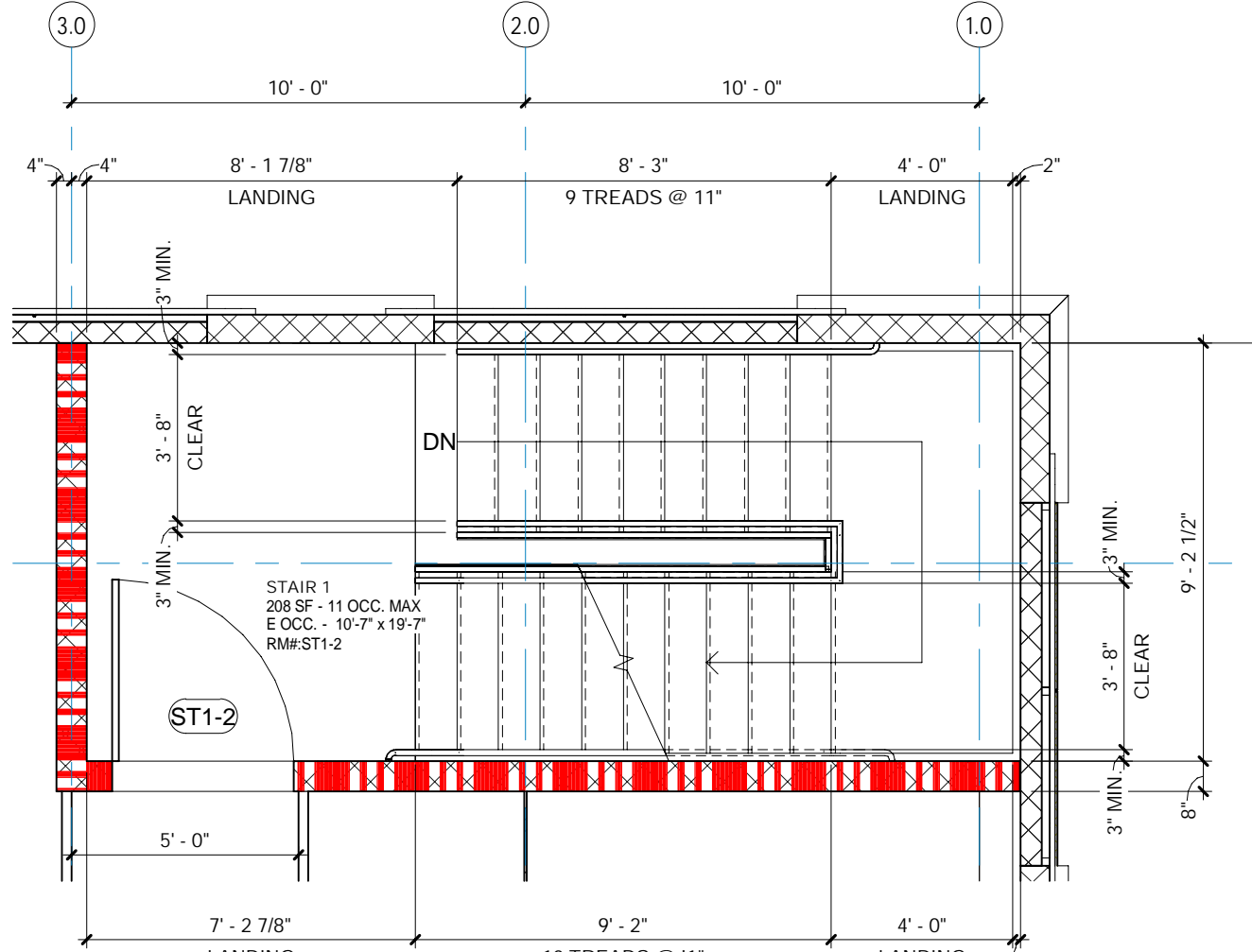
AD102.0.6 - Third Floor - Stair 1 Plan
1/4" = 1'-0"



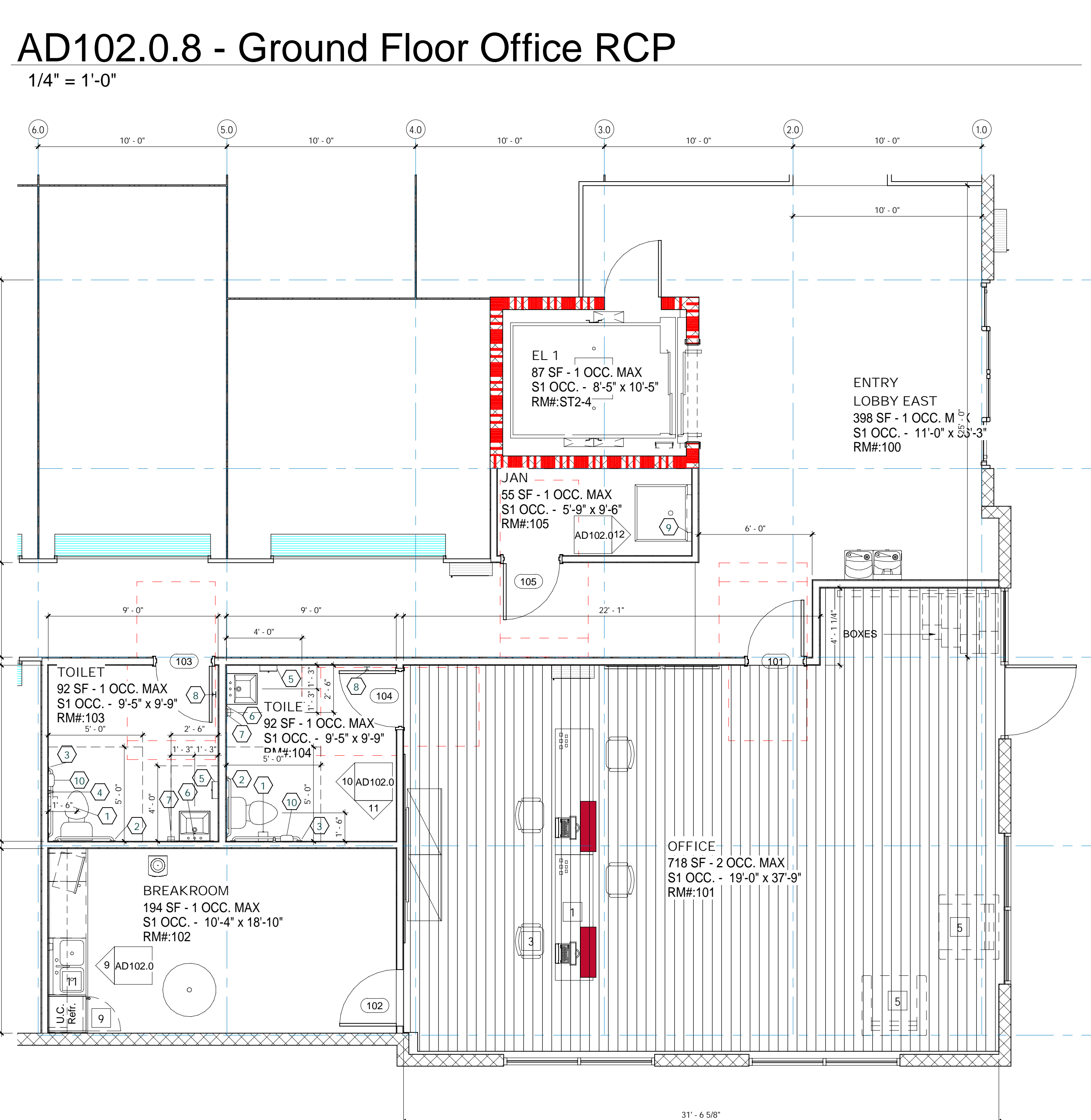
AD102.0.8 - Ground Floor Office RCP
1/4" = 1'-0"



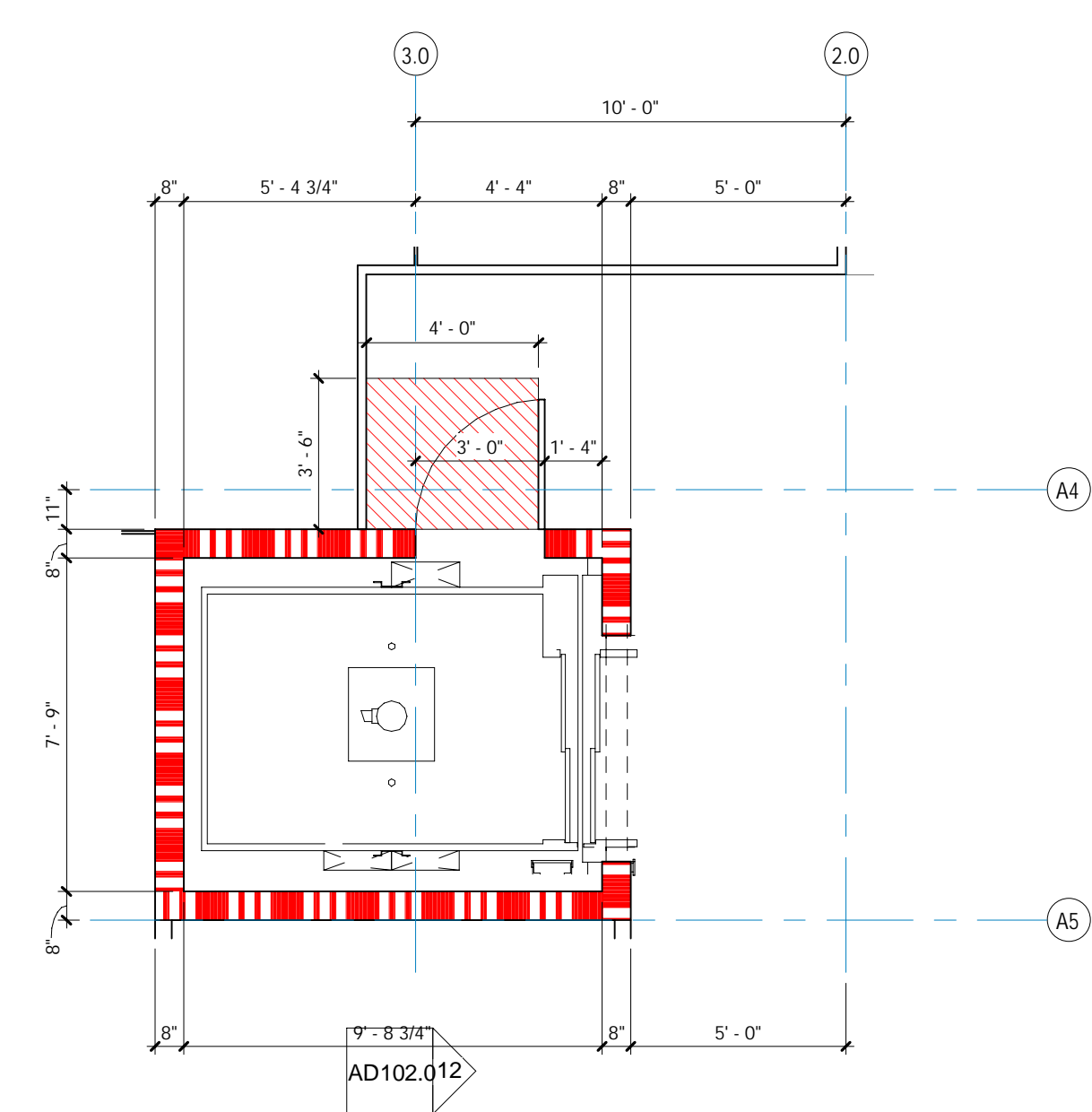
AD102.0.5 - Second Floor - Elevator 1 Plan
1/4" = 1'-0"



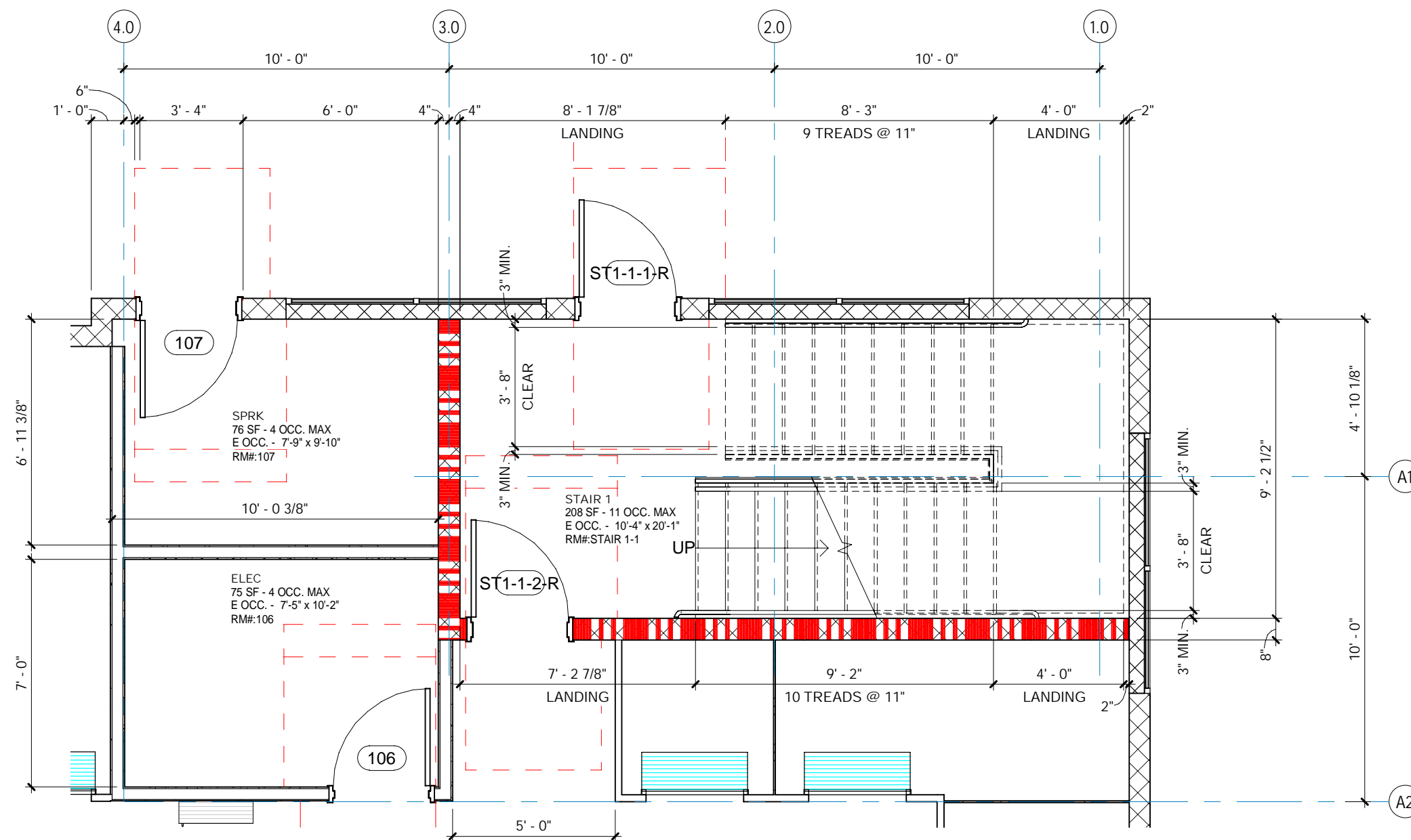
AD102.0.4 - Second Floor - Stair 1 Plan
1/4" = 1'-0"



AD102.0.3 - Ground Floor - Office Plan
1/4" = 1'-0"



AD102.0.2 - Ground Floor - Elevator 1 Plan
1/4" = 1'-0"



AD102.0.1 - Ground Floor - Stair 1 Plan
1/4" = 1'-0"

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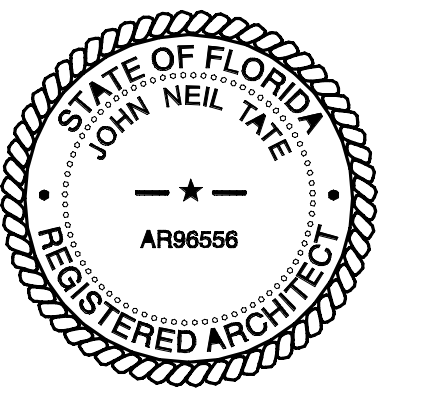
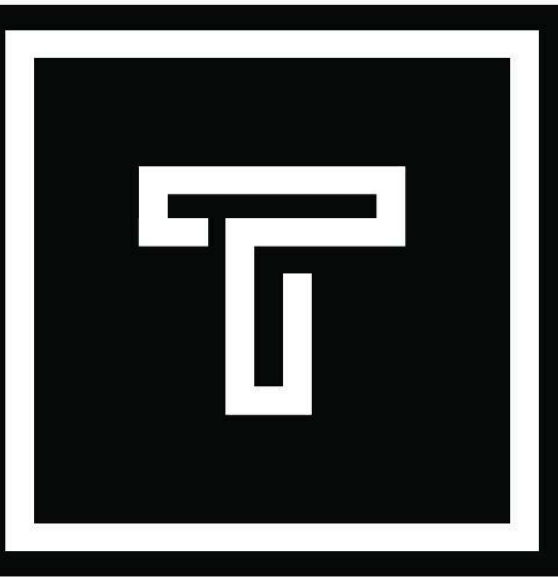
Commission: MSSI Design LLC
6520 Coble Center Drive
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New Self Storage Facility
45th Street
Palm Beach County - Mangonia Park, FL
Commission Number: 2021-26
Issue Date: 11.04.2022
Revisions: sroa comments - 08.31.2023

Project Reference North

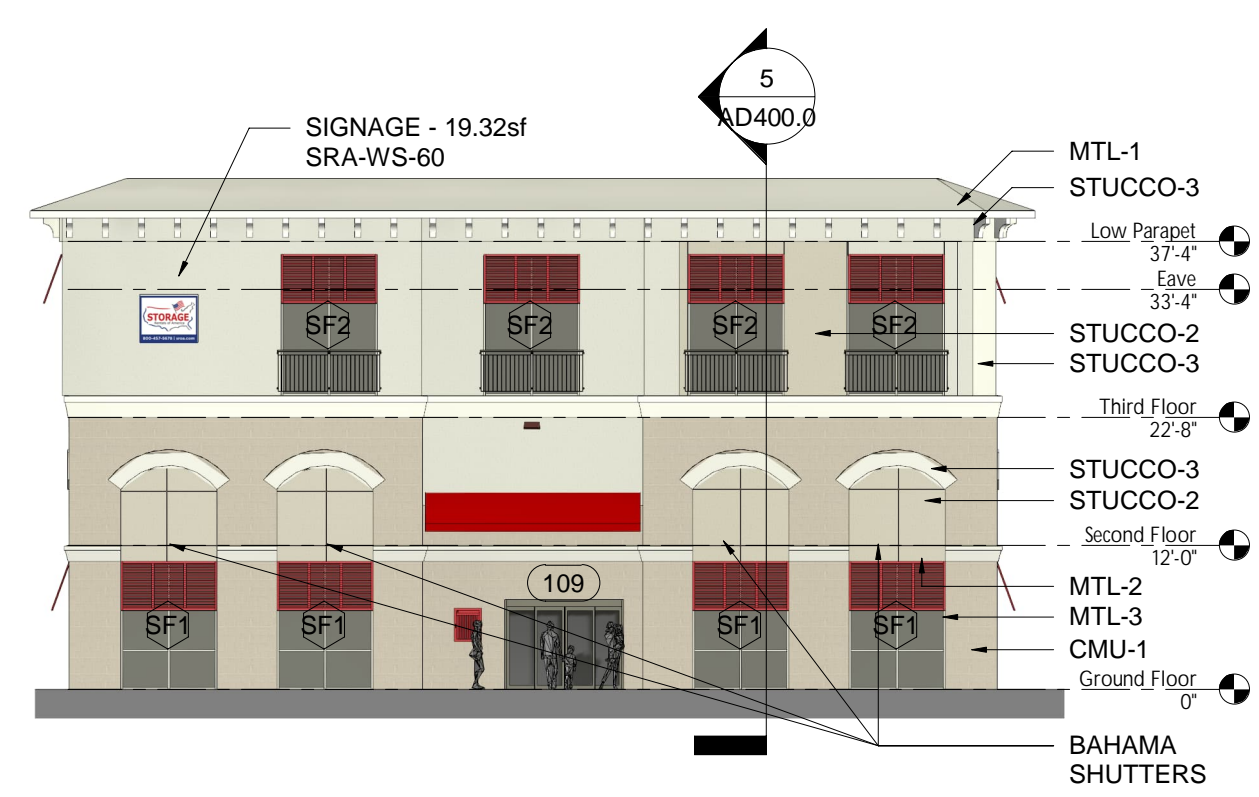
Architectural -
Stair/Elevator Plans
East/ Enlarged Office
Plans

AD102.0

Sheet No.



MATERIALS LEGEND			
	STUCCO - 1 (FIELD COLOR) COLOR: "PURE WHITE" SW - 7005 SANDBLAST FINISH		MTL - 1 STANDING SEAM METAL ROOF CANOPY COLOR: GALVALUME "NATURAL FINISH"
	STUCCO - 2 (BUILDING BASE & ACCENT) COLOR: "SKYLINE STEEL" SW - 1015 SAND BLAST TEXTURE MORTAR: "LIGHT BUFF" COLOR		MTL - 2 REFINISHED BAHAMA SHUTTER COLOR: CRIMSON RED
	STUCCO - 3 (TRIM/ACCENT COLOR) DRYVIT #101 "SUPER WHITE" SANDBLAST FINISH		MTL - 3 REFINISHED ALUMINUM MATCH KAWNEER COLOR "BONE WHITE" STOREFRONT FRAMES, GUTTERS/D.S.
	STUCCO - 4 (TRIM/ACCENT COLOR) COLOR: "DRESS BLUES" SW - 9176 SANDBLAST FINISH		CMU - 1 ARCHITECTURAL SPLITFACE CMU: JOHNSON CONCRETE COLOR: "SKYLINE STEEL" SW - 1015 MORTAR: "ARGOS" "BEIGE"
	STUCCO - 5 (TRIM/ACCENT COLOR) COLOR: "INKY BLUE" SW - 9149 SANDBLAST FINISH		

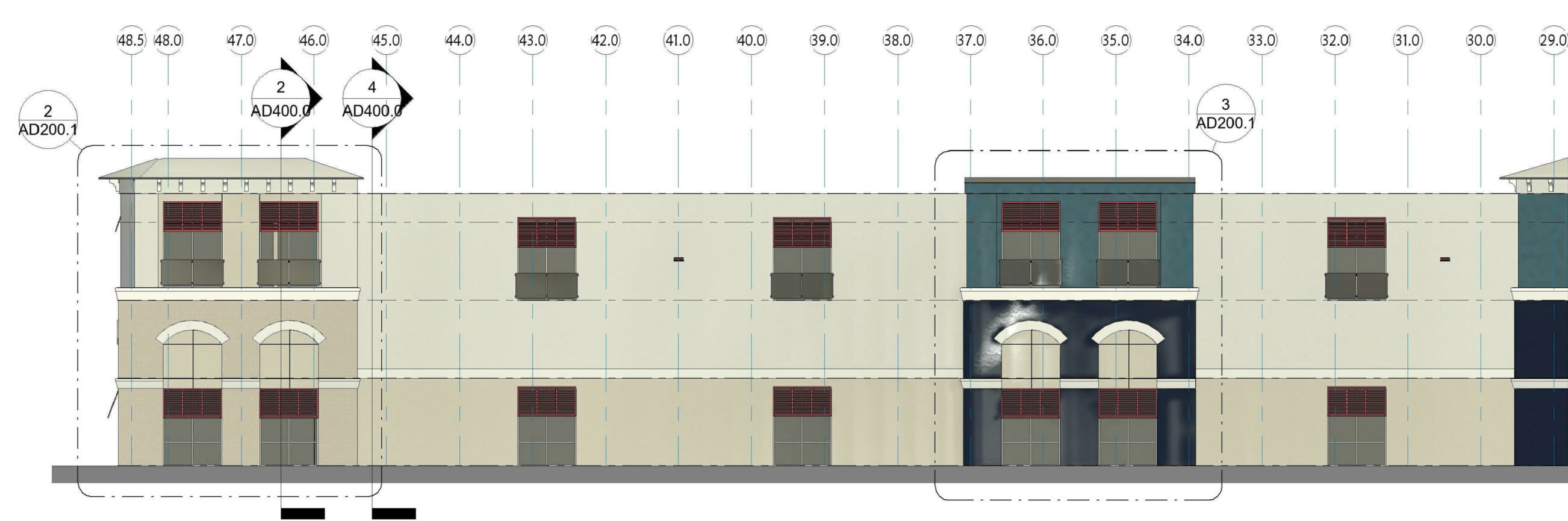


AD200.0.3 - EAST ELEVATION

1/16" = 1'-0"

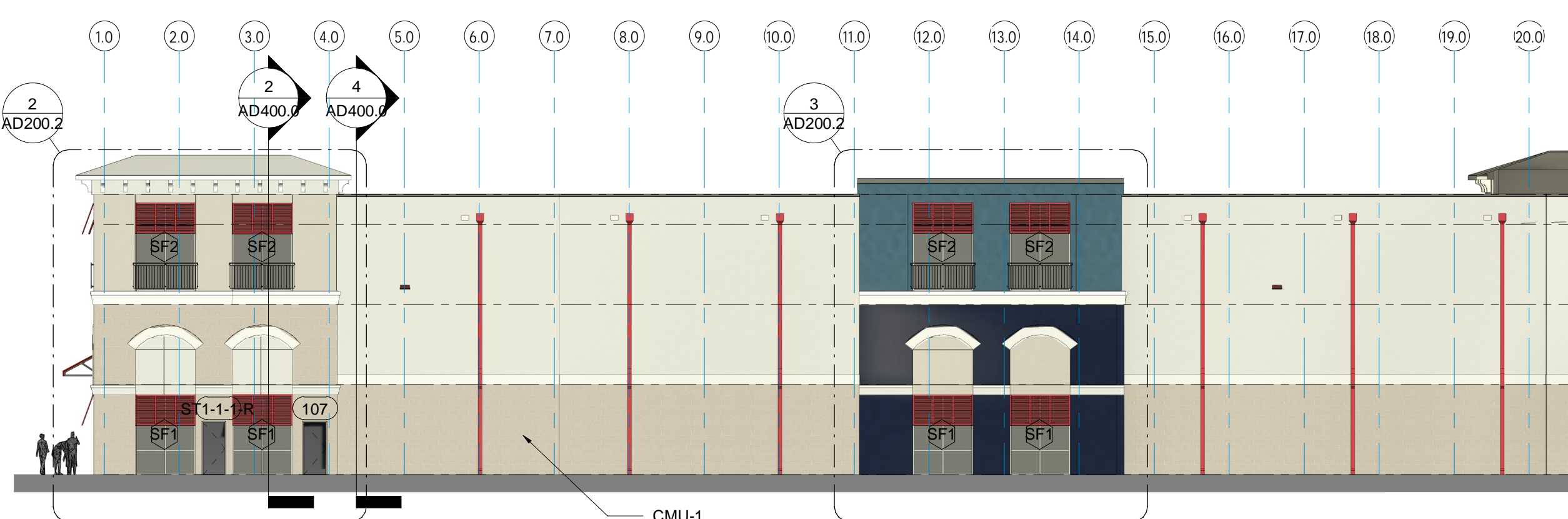
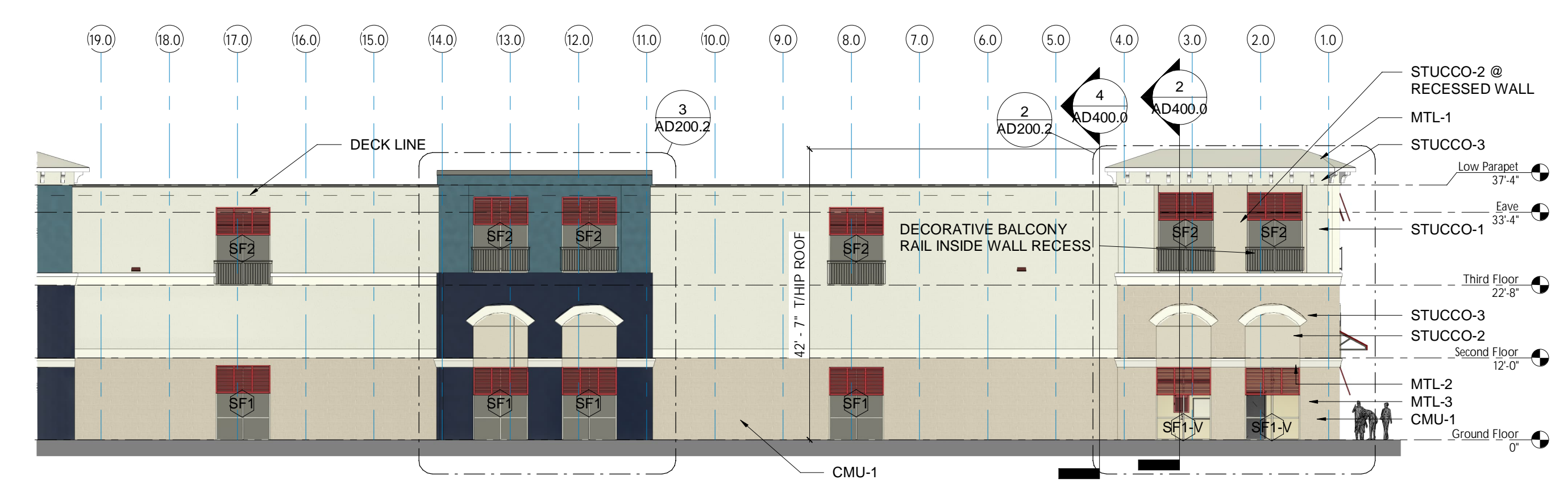
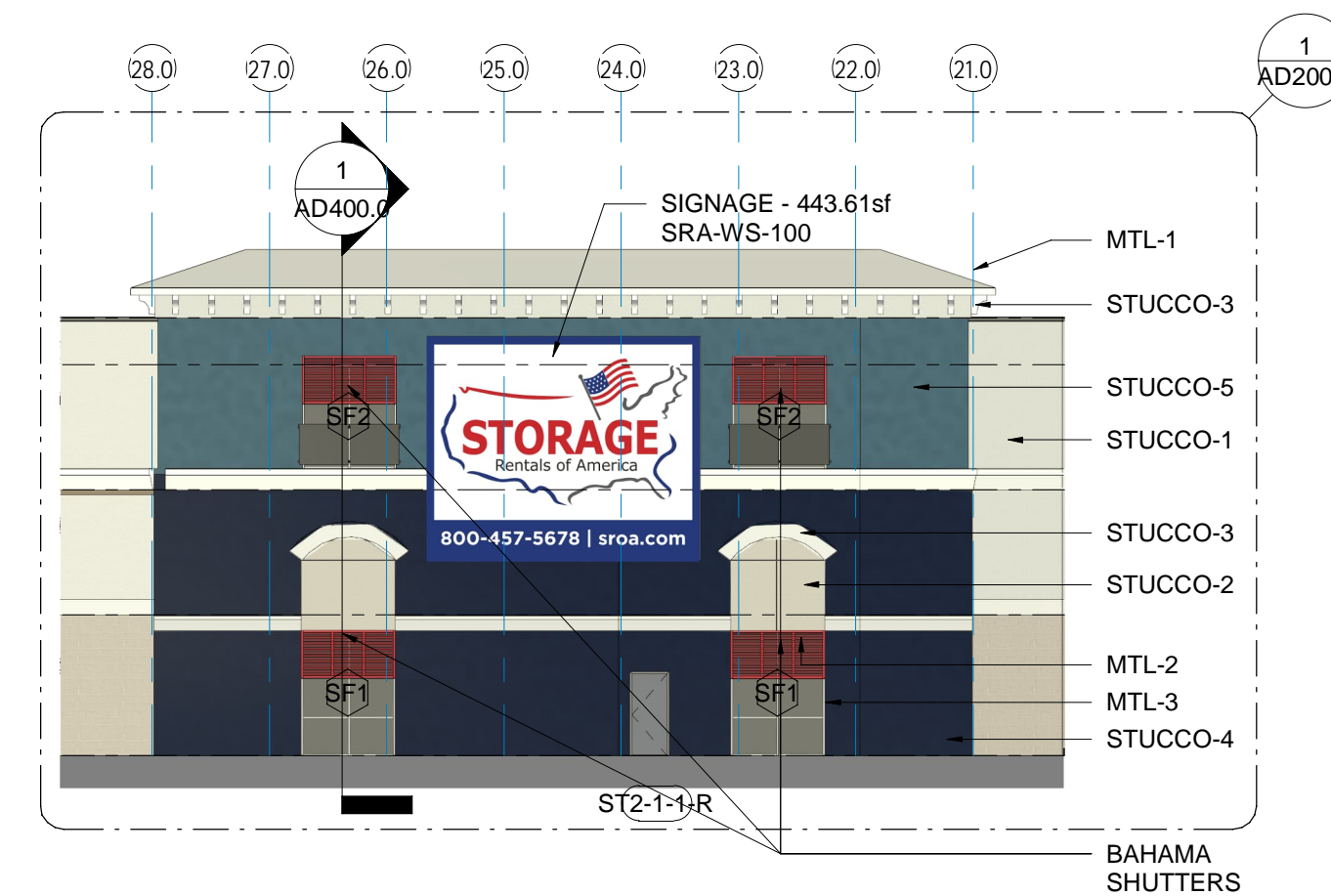
AD200.0.4 - WEST ELEVATION (FACING I-95)

1/16" = 1'-0"



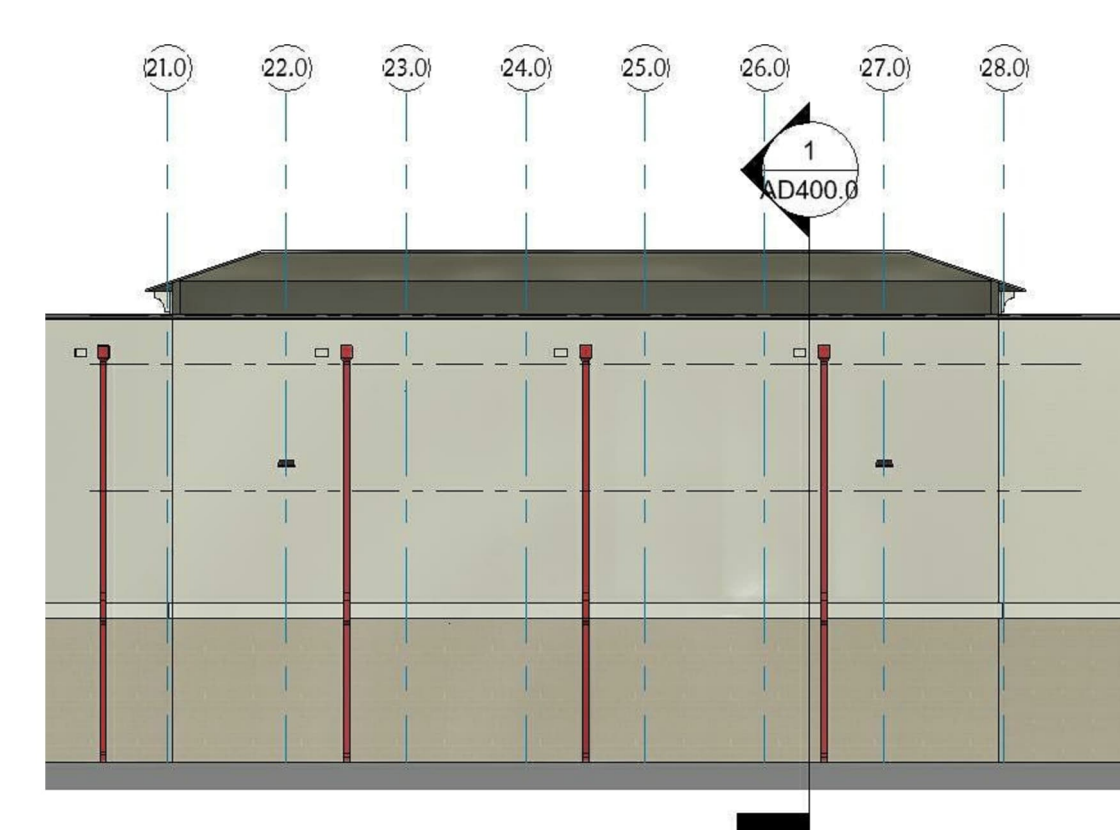
AD200.0.2 - SOUTH ELEVATION (FACING 45TH ST) UNFOLDED

1/16" = 1'-0"



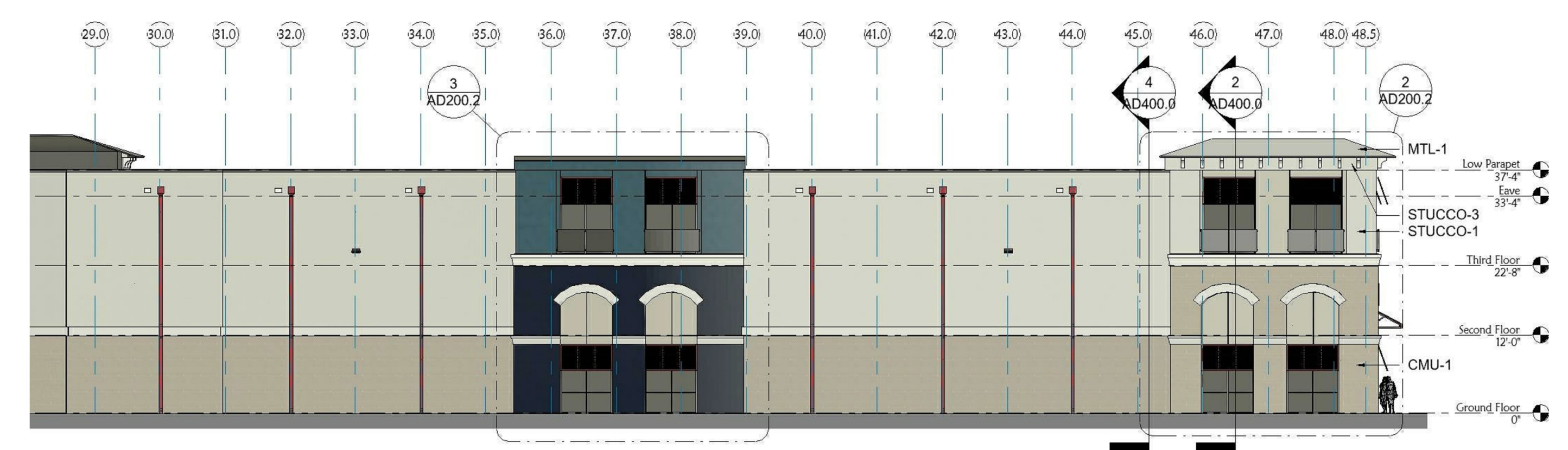
AD200.0.1 - NORTH ELEVATION (FACING RESIDENTIAL AREAS) UNFOLDED

1/16" = 1'-0"



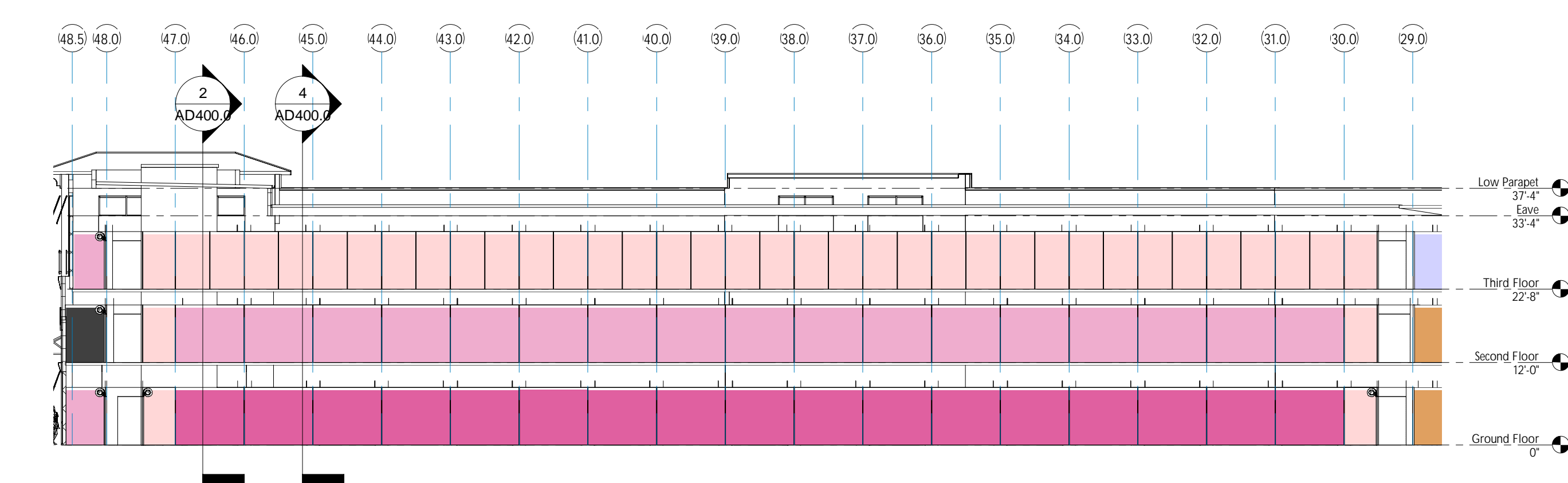
AD200.0.10 - BS CENTER

1/16" = 1'-0"



AD200.0.9 - BUILDING SECTION EAST

1/16" = 1'-0"



AD200.0.11 - BUILDING SECTION WEST

1/16" = 1'-0"

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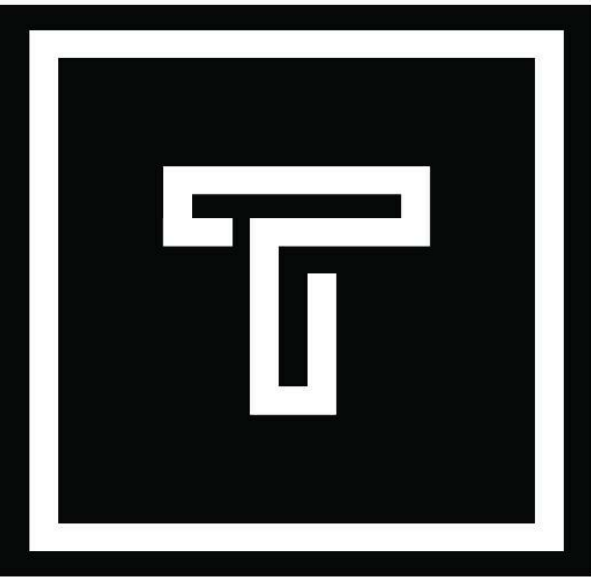
Commission: MSSI Design LLC
6520 Cobb Center Drive
Kennesaw, GA -
New Self Storage Facility
45th Street
Palm Beach County - Mangonia Park, FL
Commission Number: 2021-26
Issue Date: 04.01.2022
Revisions:
1. sroa comments - 08.31.2023

Project Reference North

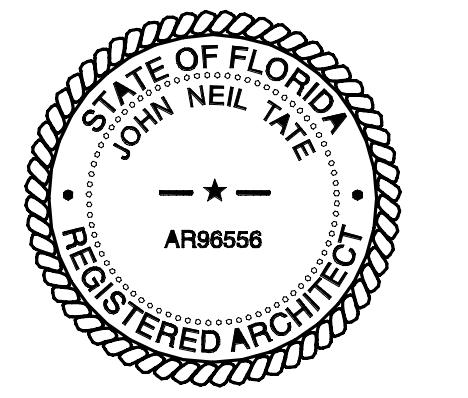
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Exterior
Elevations/Sections
1/16"

AD200.0

Sheet No.



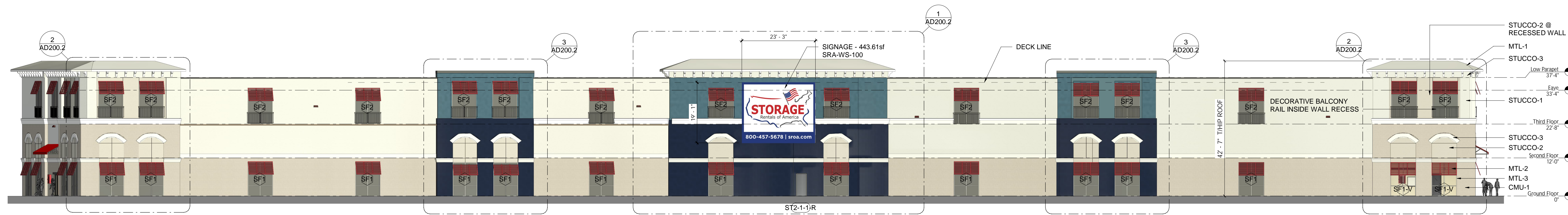
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kernersville, nc 27285
336.413.0601
www.tatearchitecture.com



MATERIALS LEGEND			
	STUCCO - 1 (FIELD COLOR) COLOR: "PURE WHITE" SW - 7005 SANDBLAST FINISH		MTL - 1 STANDING SEAM METAL ROOF CANOPY COLOR: GALVALUME "NATURAL FINISH"
	STUCCO - 2 (BUILDING BASE & ACCENT) COLOR: "SKYLINE STEEL" SW - 1015 SANDBLAST TEXTURE MORTAR: "LIGHT BUFF" COLOR		MTL - 2 PREFINISHED BAHAMA SHUTTER COLOR: CRIMSON RED
	STUCCO - 3 (TRIM/ACCENT COLOR) DRYVIT #101 "SUPER WHITE" SANDBLAST FINISH		MTL - 3 PREFINISHED ALUMINUM MATCH KAWNEER COLOR "BONE WHITE" STOREFRONT FRAMES, GUTTERS/D.S.
	STUCCO - 4 (TRIM/ACCENT COLOR) COLOR: "DRESS BLUE" SW - 9176 SANDBLAST FINISH		CMU - 1 ARCHITECTURAL SPLITFACE CMU: JOHNSON CONCRETE. COLOR: "SKYLINE STEEL" SW - 1015 MORTAR: "ARGOS" BEIGE
	STUCCO - 5 (TRIM/ACCENT COLOR) COLOR: "INKY BLUE" SW - 9149 SANDBLAST FINISH		

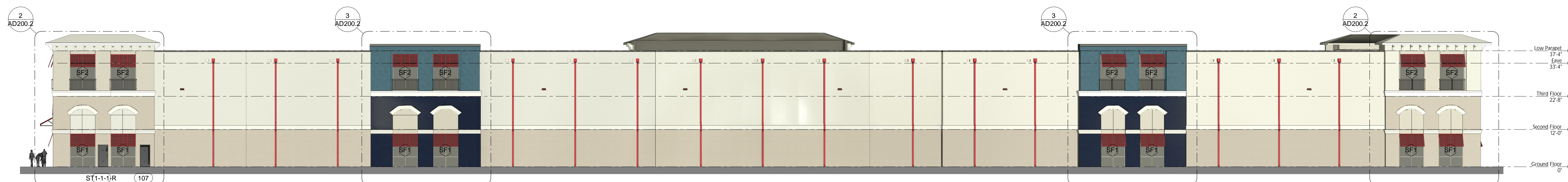
AD200.1.1 - EAST ELEVATION

1/8" = 1'-0"



AD200.1.3 - SOUTH ELEVATION (FACING 45TH ST)

1/16" = 1'-0"



AD200.1.4 - NORTH ELEVATION (FACING RESIDENTIAL AREAS)

1/16" = 1'-0"

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6520 Coker Center Drive
Kennesaw, GA

New Self Storage Facility
45th Street
Palm Beach County - Mangonia Park, FL

Commission Number:
2021-26

Issue Date:
04.01.2022

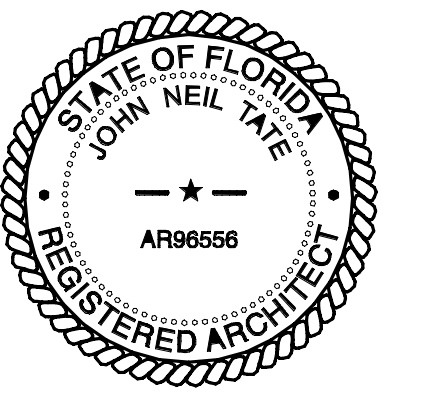
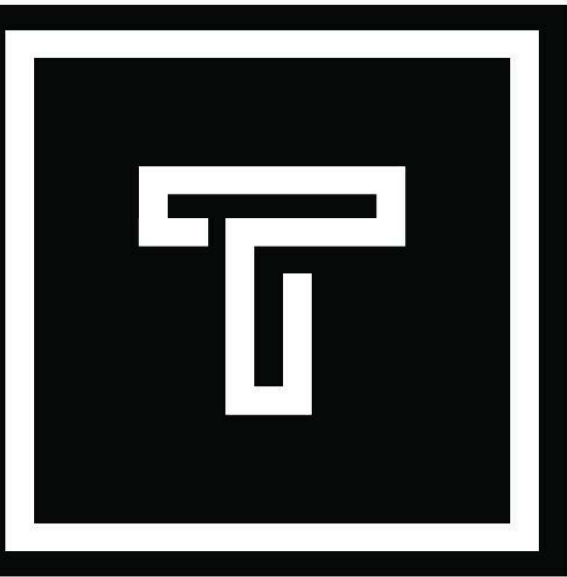
Revisions:
sra comments - 08.31.2023

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Architectural -
Exterior Elevations
1/16"

AD200.1

Sheet No.



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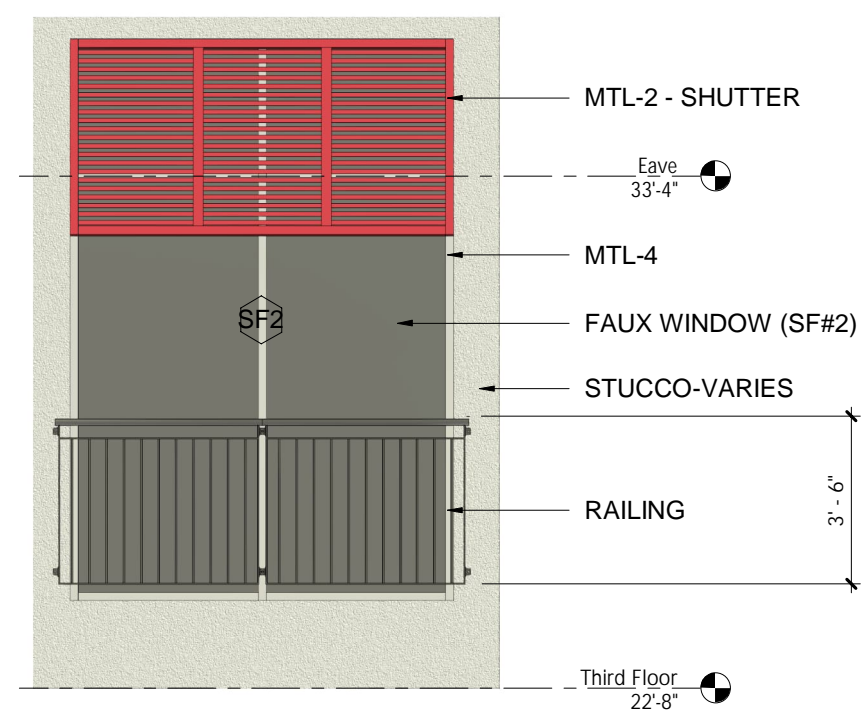
Commission: MSSI Design LLC
8520 Coble Center Drive
Kernersville, NC 27285
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Revisions:
1. sra comments - 08.31.2023

Project Reference North

Architectural -
Enlarged Elevations
1/8" Window Types 1/4"

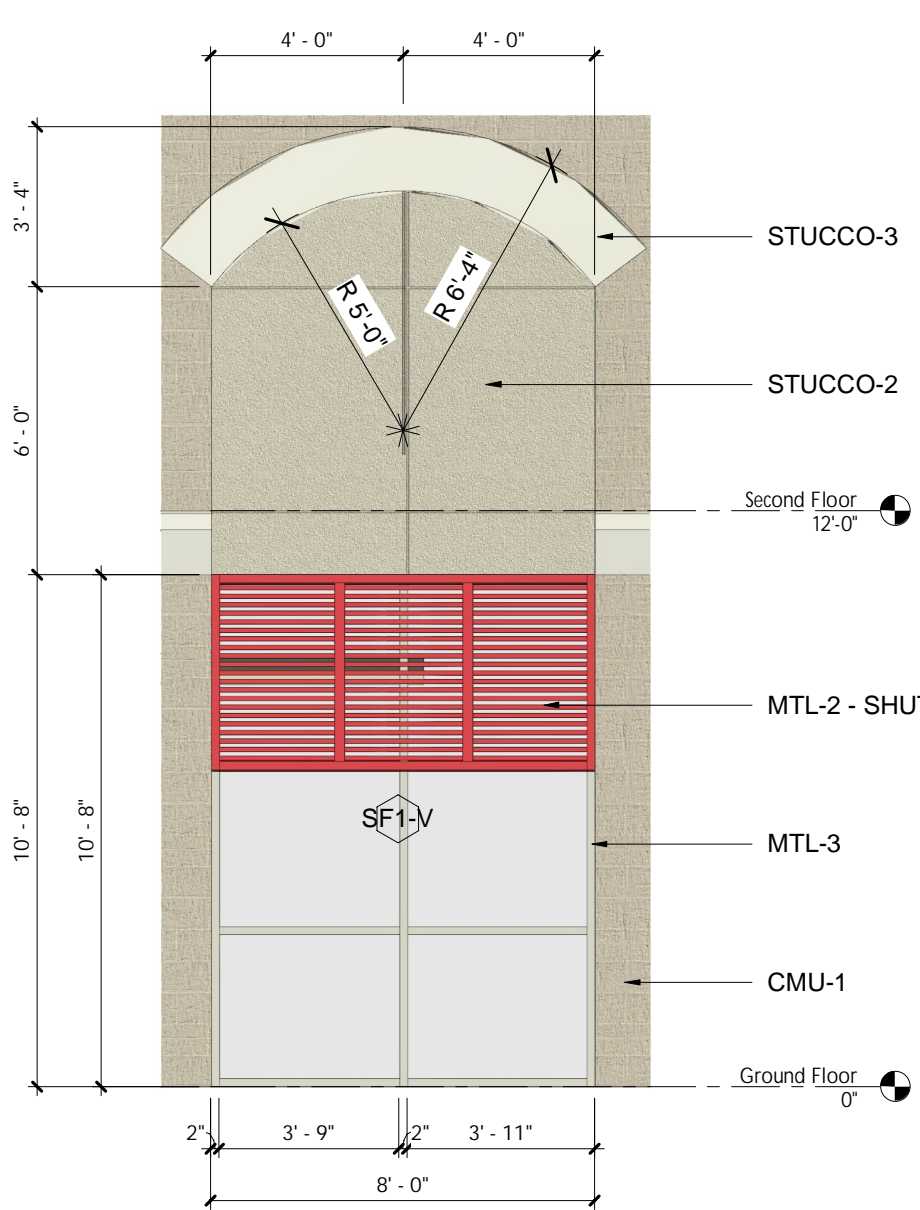
AD200.2

Sheet No.



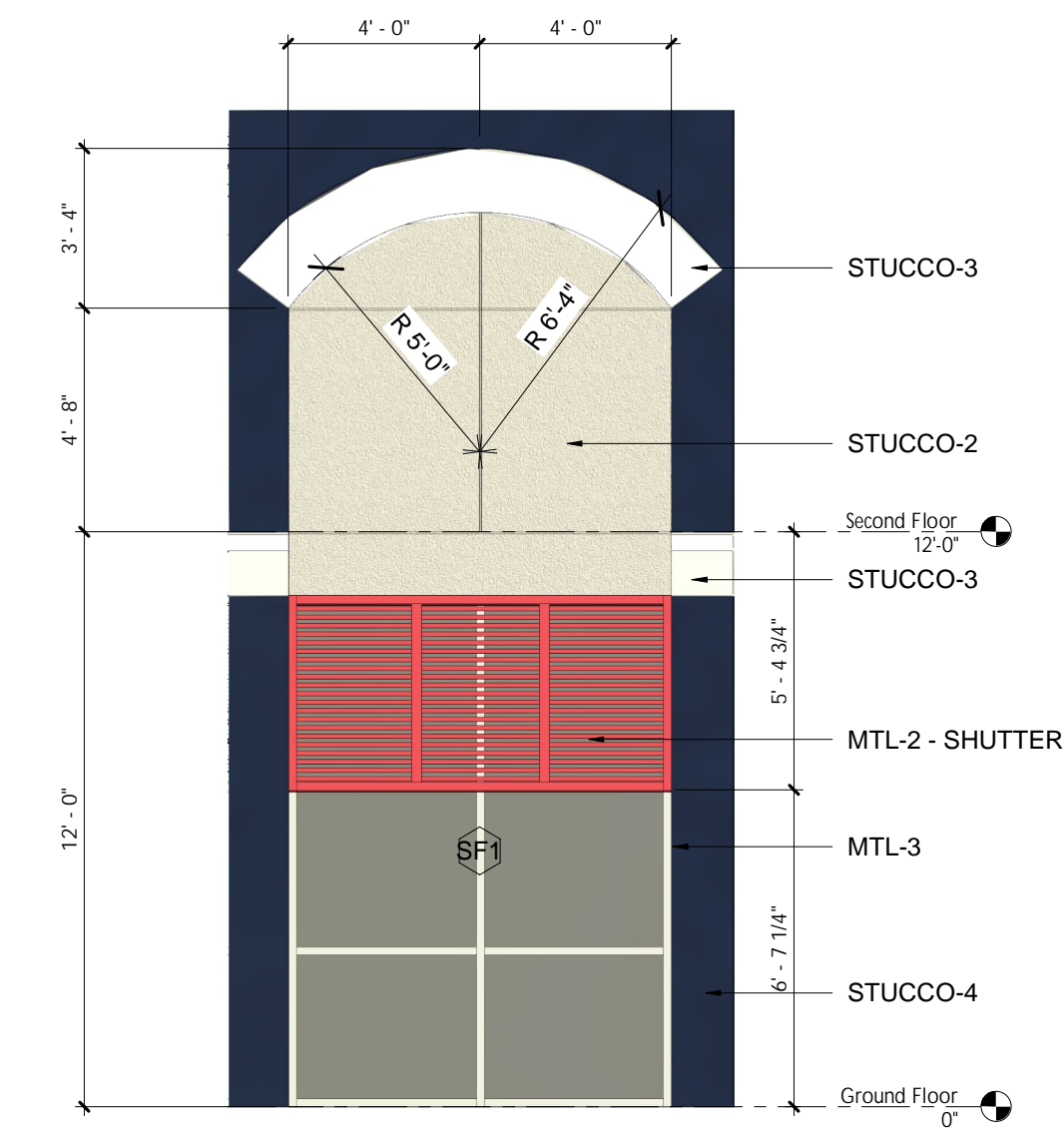
AD200.2.8 - TYP. 3RD FL. WINDOW

1/4" = 1'-0"



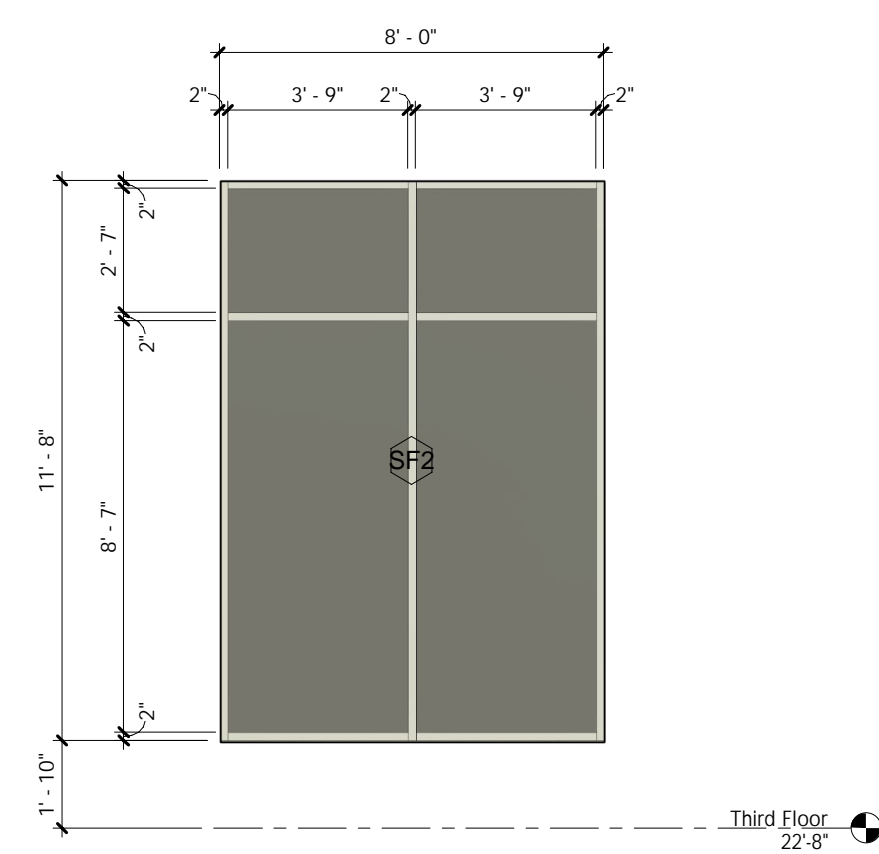
AD200.2.4 - TYP. HIGH ARCHED WINDOW

1/4" = 1'-0"



AD200.2.5 - TYP. ACCENT ARCHED WINDOW

1/4" = 1'-0"



AD200.2.7 - SF #2

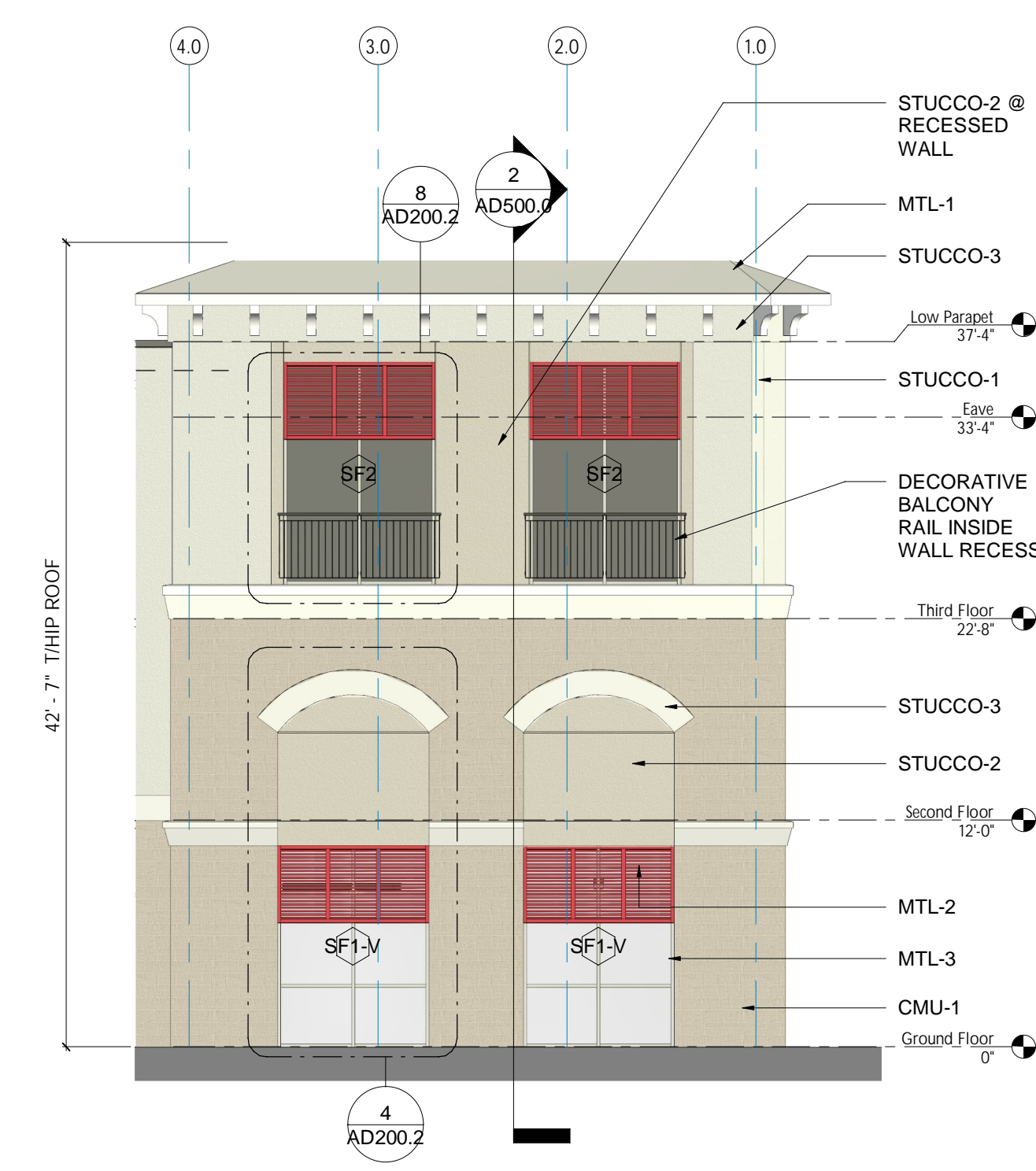
1/4" = 1'-0"

FAUX STOREFRONT



AD200.2.3 - NORTH ELEVATION TYP. INTER-SECTION

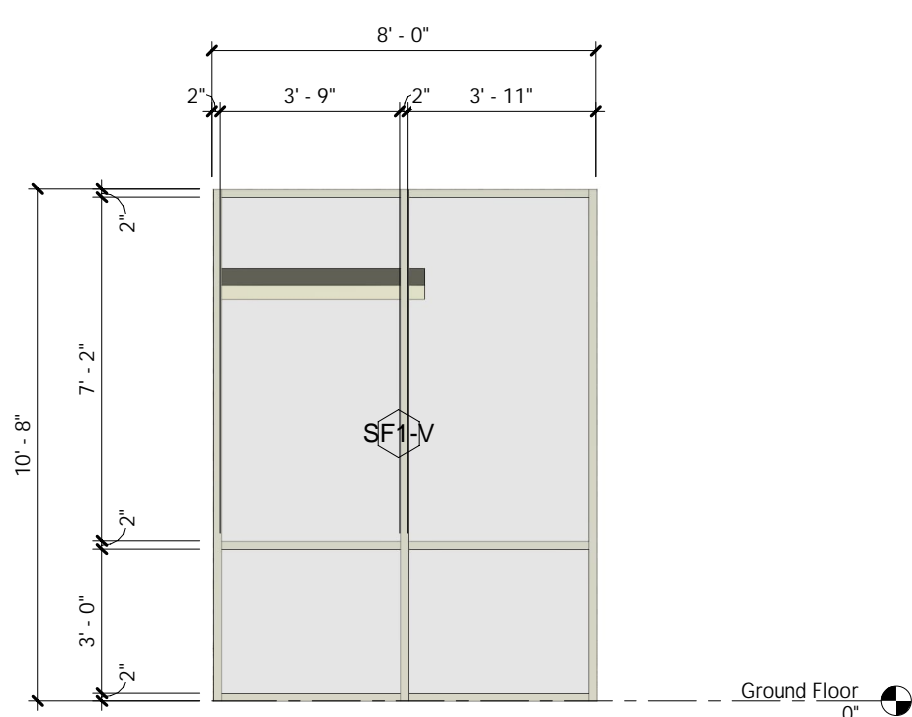
1/8" = 1'-0"



AD200.2.2 - SOUTH ELEVATION - WEST END

1/8" = 1'-0"

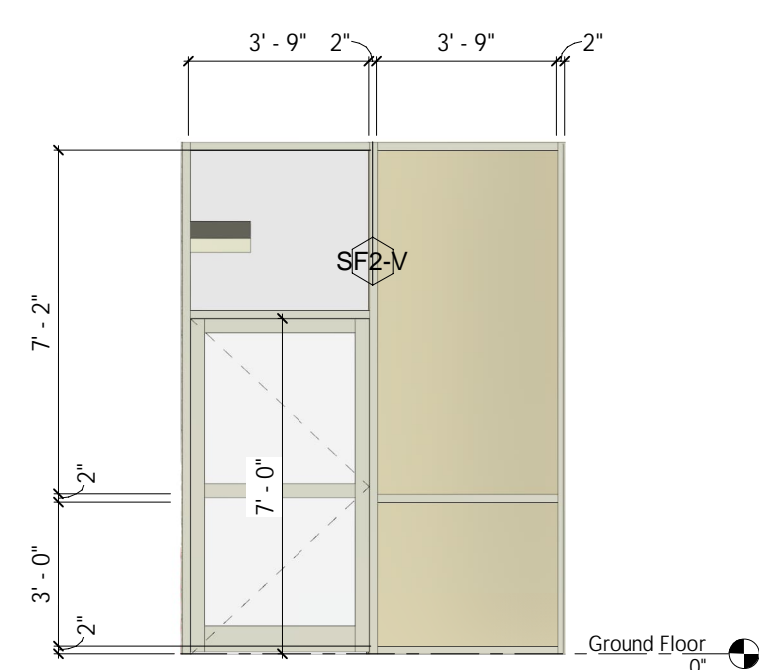
(NORTH SIM. OP. HAND)



AD200.2.9 - SF #1

1/4" = 1'-0"

FAUX STOREFRONT



AD200.2.11 - SF #2-V

1/4" = 1'-0"

VISION GLASS



AD200.2.6 - WEST ELEVATION (FACING I-95)

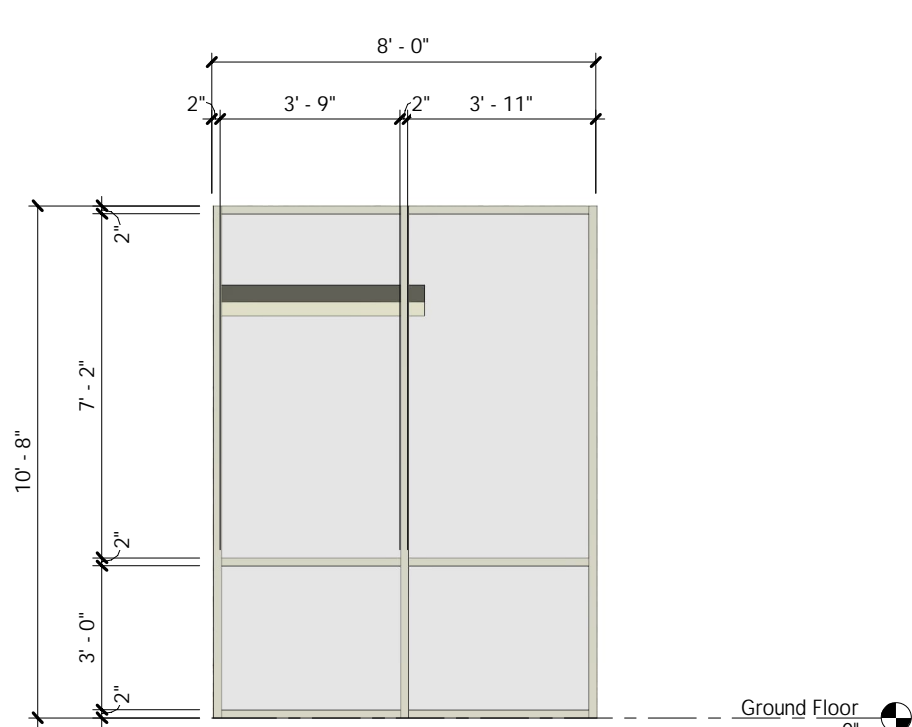
1/8" = 1'-0"

(EAST SIM. OP. HAND)



AD200.2.1 - SOUTH ELEVATION CENTER

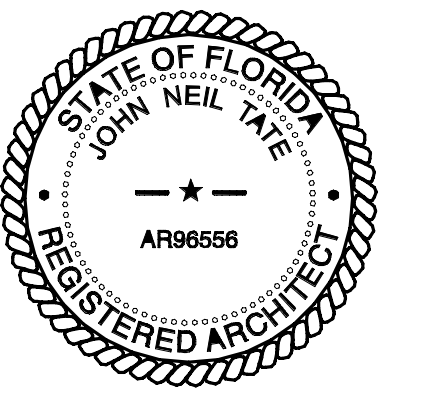
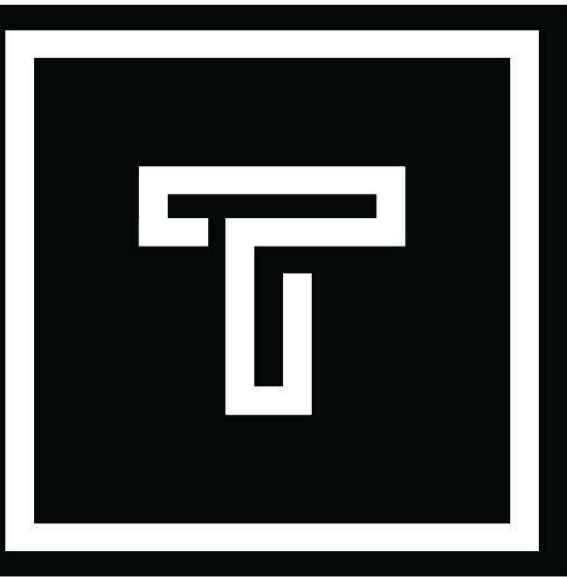
1/8" = 1'-0"



AD200.2.10 - SF #1-V

1/4" = 1'-0"

FAUX STOREFRONT



AD201.0.1 - 3D View 5



AD201.0.2 - 3D View 6



AD201.0.3 - 3D View 7



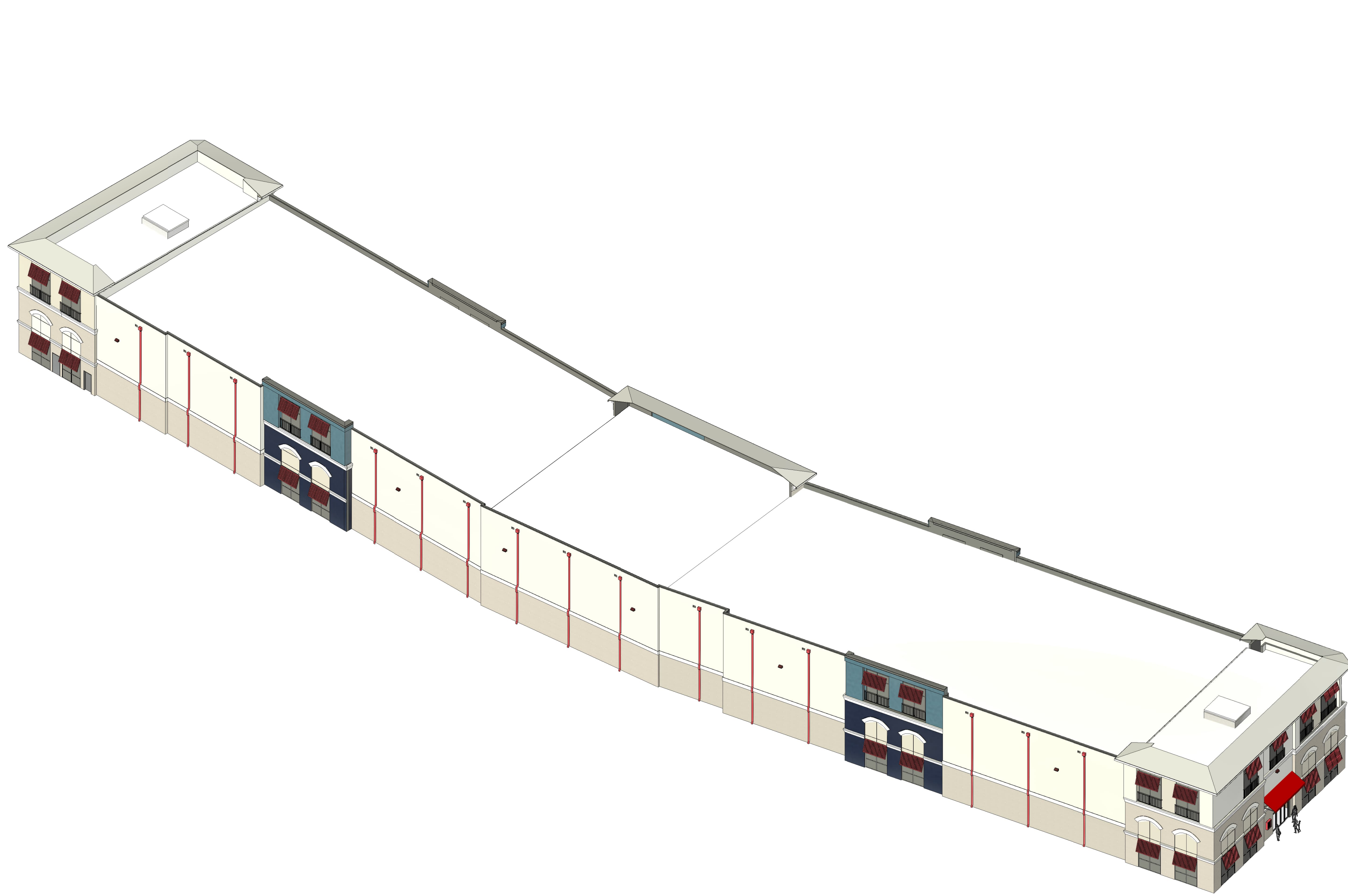
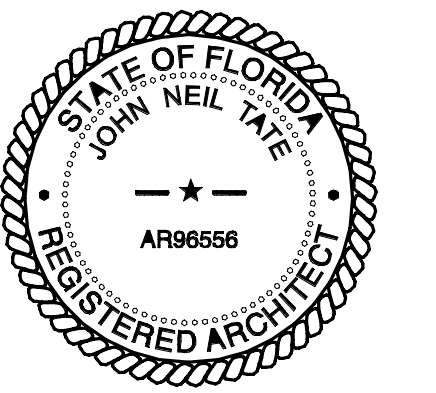
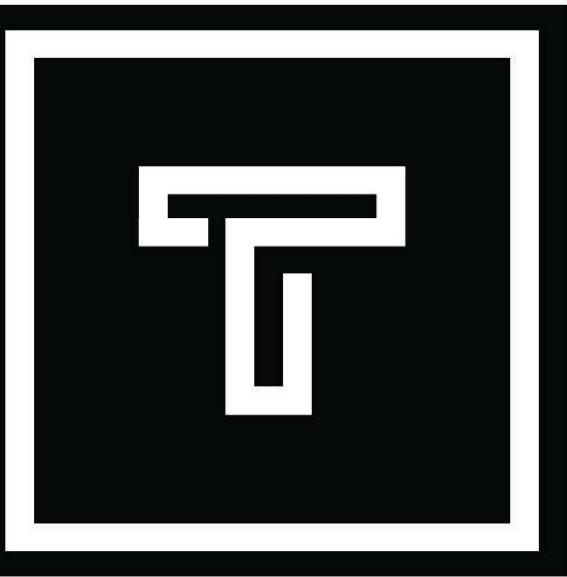
AD201.0.4 - 3D View 8

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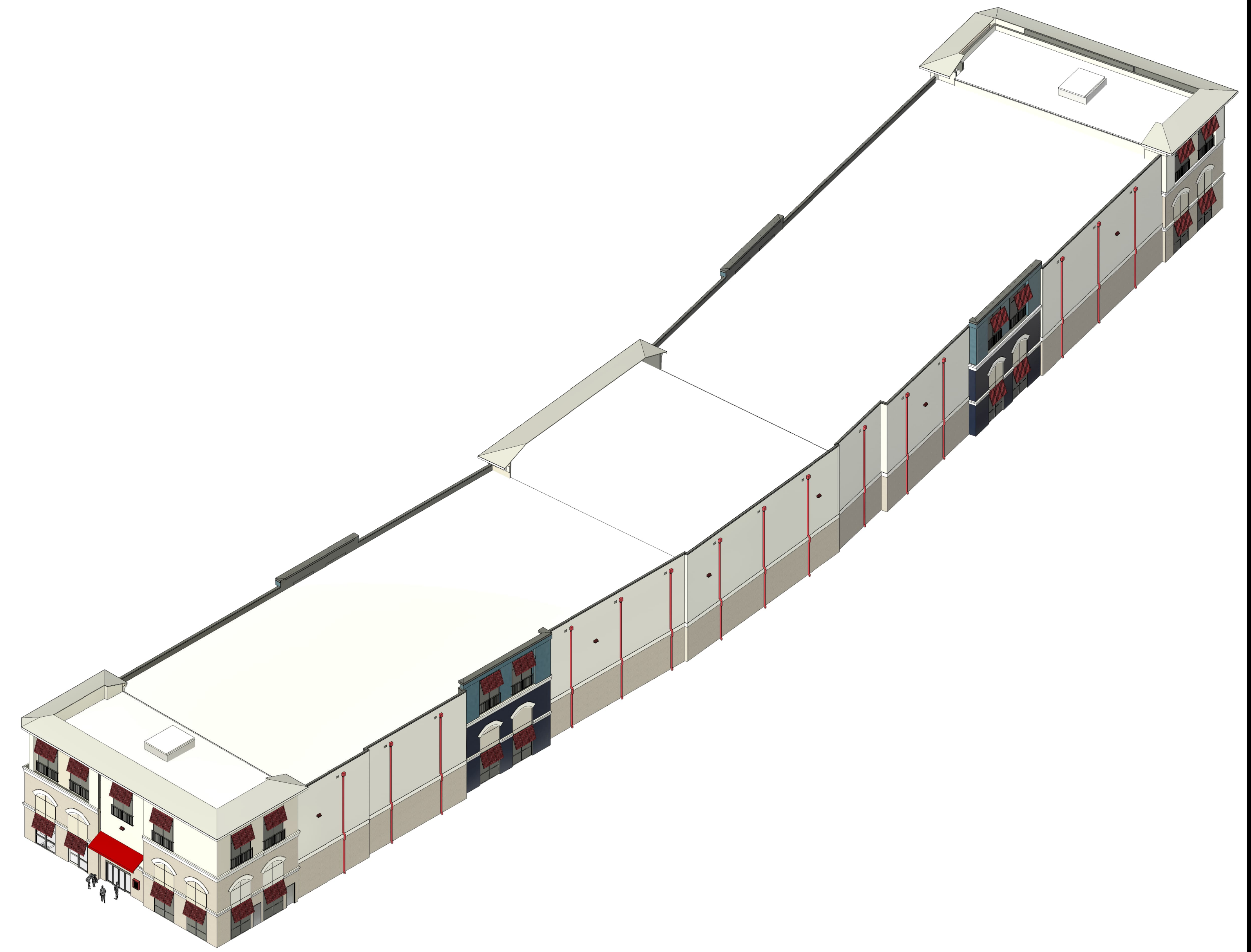
Commission:
MSSI Design LLC
8530 Cobb Center Drive
Kennesaw, GA -
New Self Storage Facility
45th Street
Palm Beach County - Mangonia Park, FL
Commission Number:
2021-26
Issue Date:
04.01.2022
Revisions:
sroa comments - 08.31.2023

Project Reference North

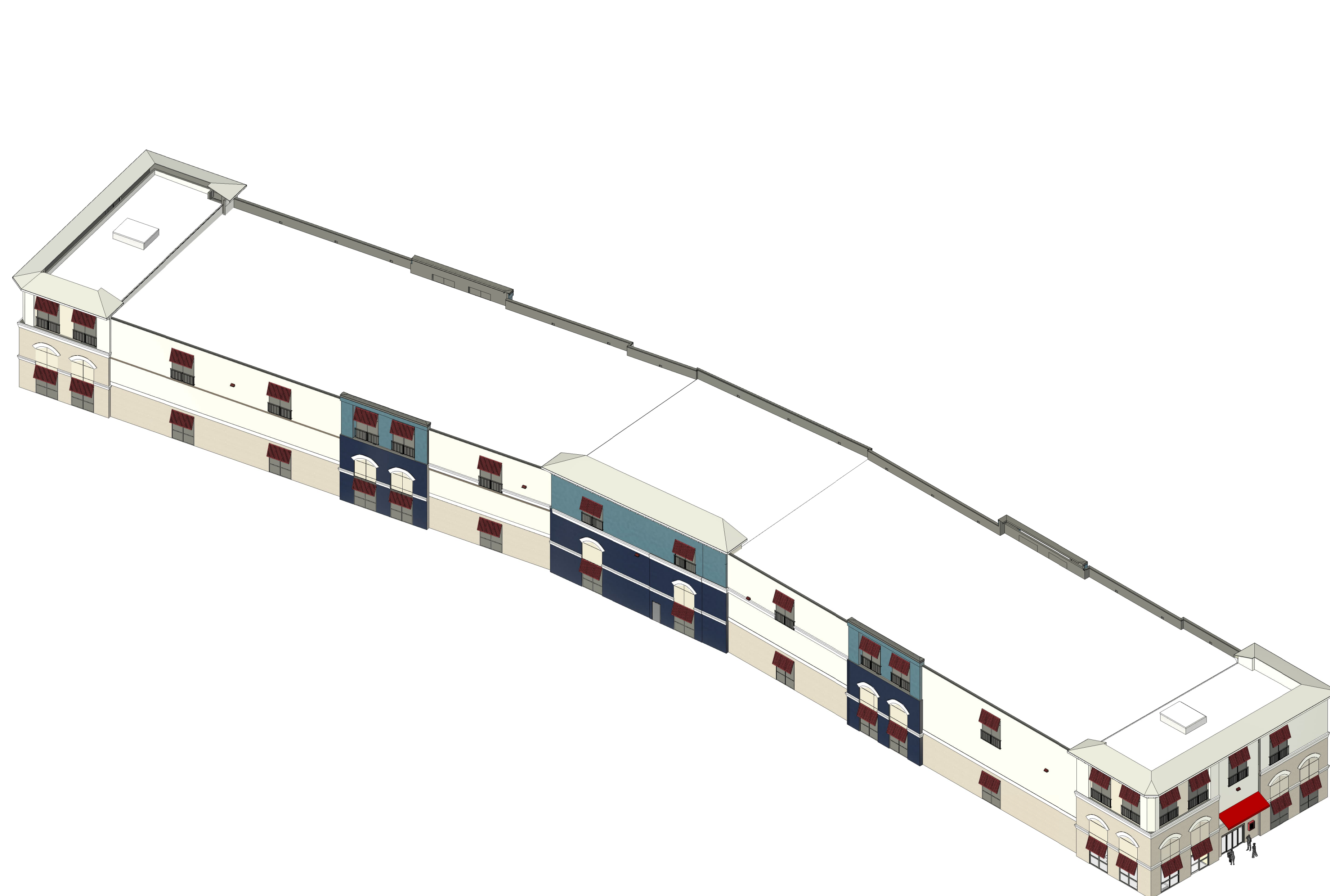
Architectural -
Perspective Views



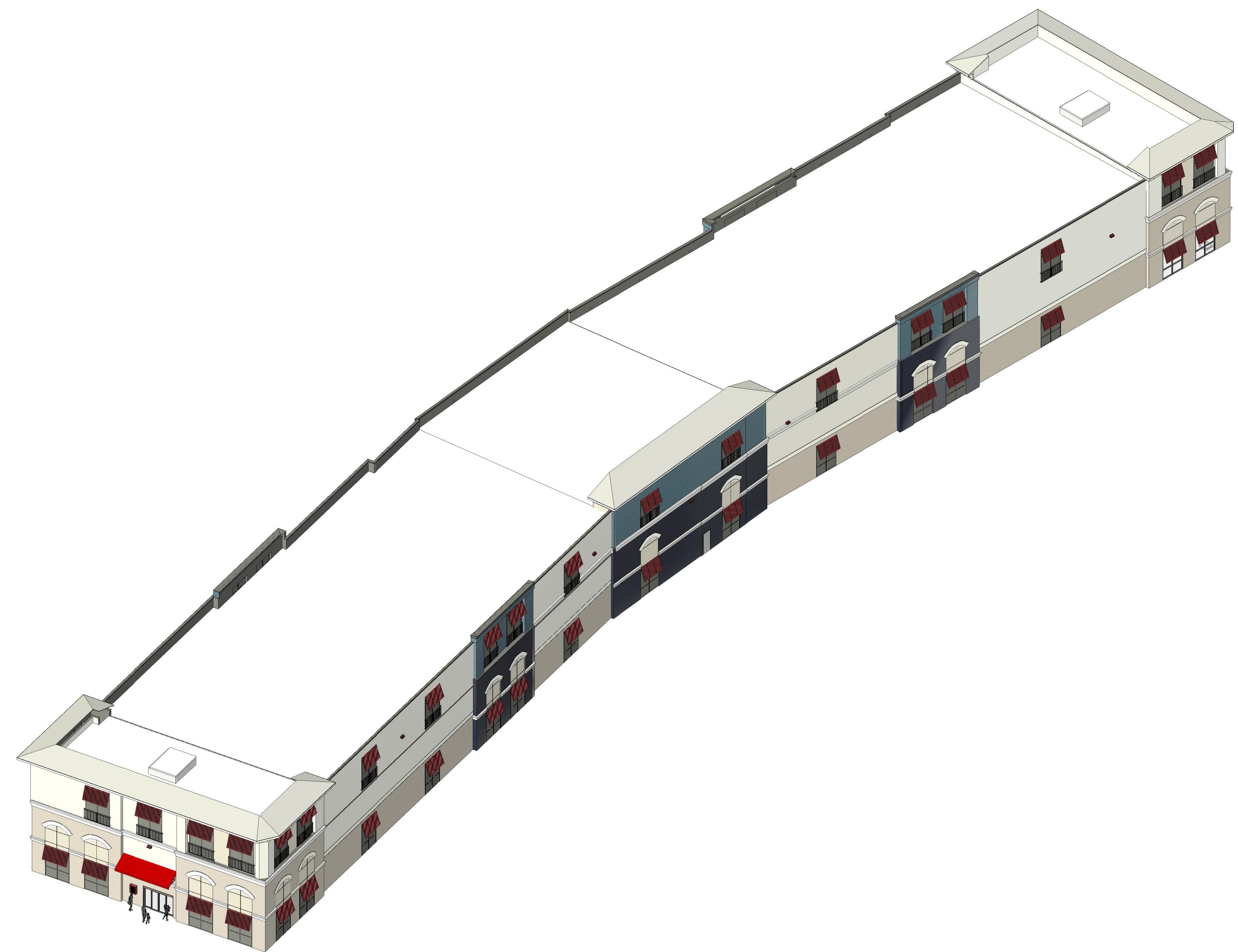
AD202.0.2 - Axon 2



AD202.0.3 - Axon 3



AD202.0.4 - Axon 4



AD202.0.1 - Axon 1

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Issue Date:

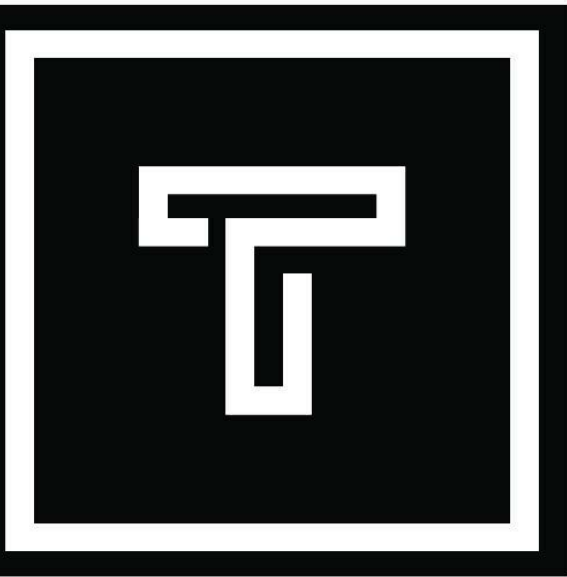
04.01.2022

Revisions:

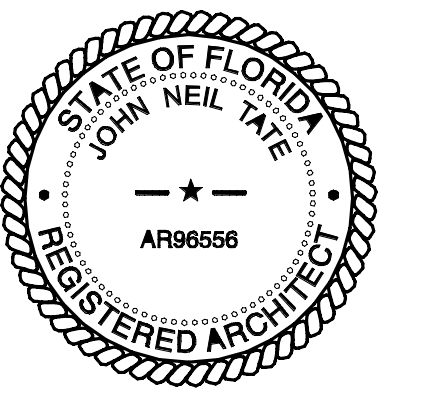
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Project Reference North

Architectural -
Axon Views



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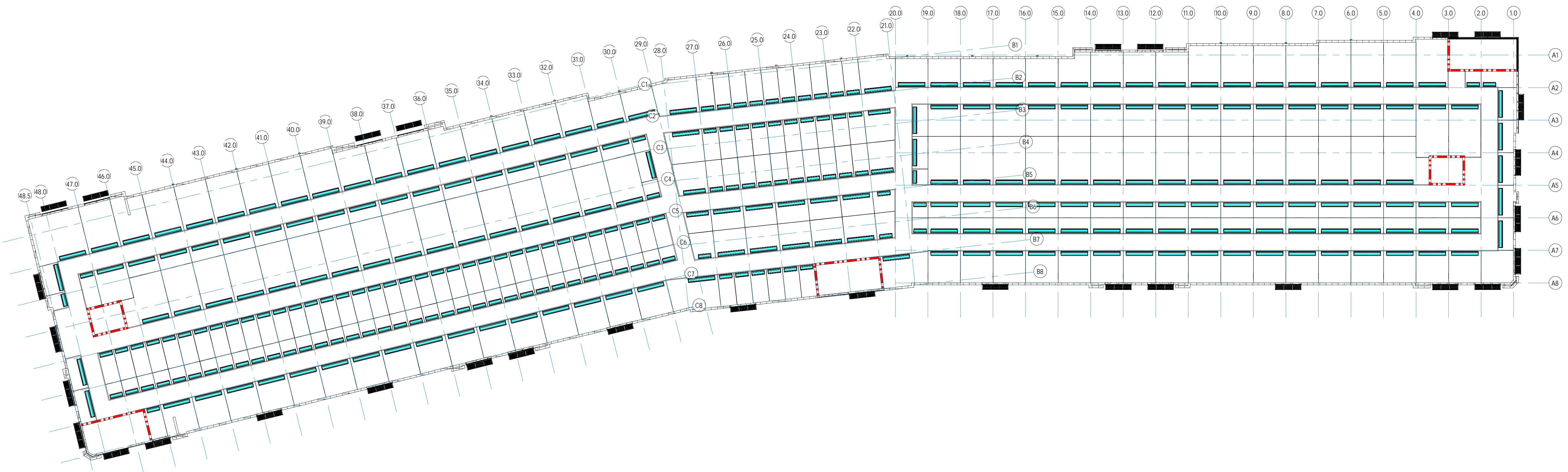
Commission:
MSSI Design LLC
8520 Coala Center Drive
Kennesaw, GA -
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45th Street
Palm Beach County - Mangonia Park, FL
Commission Number:
2021-26
Issue Date:
11.04.2022
Revisions:
11 AD200.2
sroa comments - 08.31.2023

Project Reference North

Architectural -
Ground, 2nd & 3rd Floor
RCPs

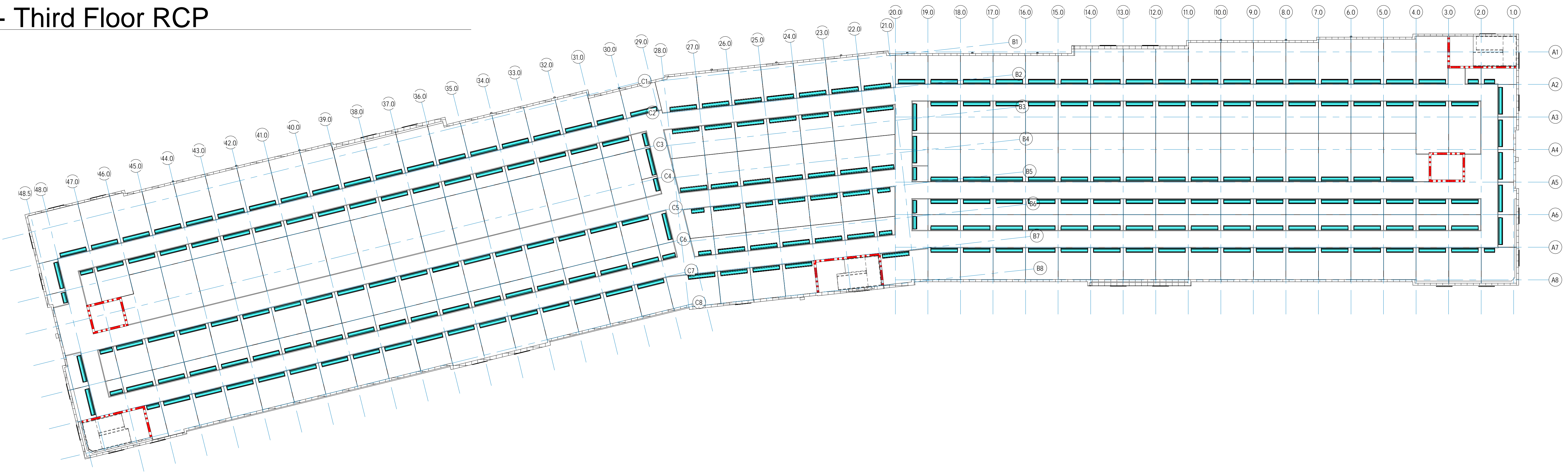
AD300.0

Sheet No.



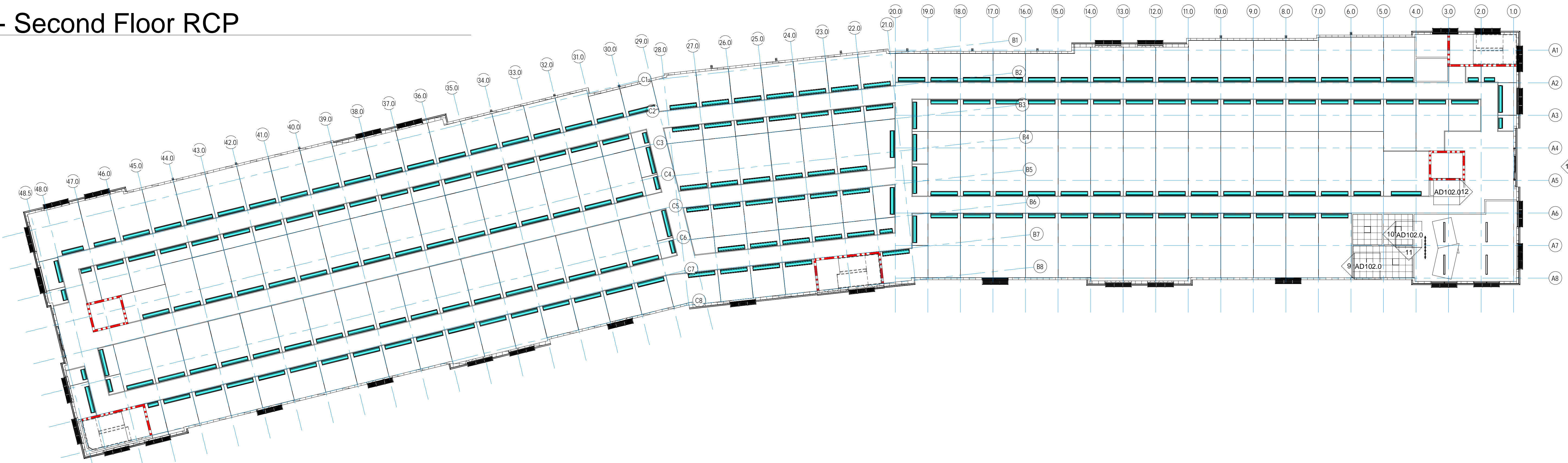
AD300.0.2 - Third Floor RCP

1/16" = 1'-0"



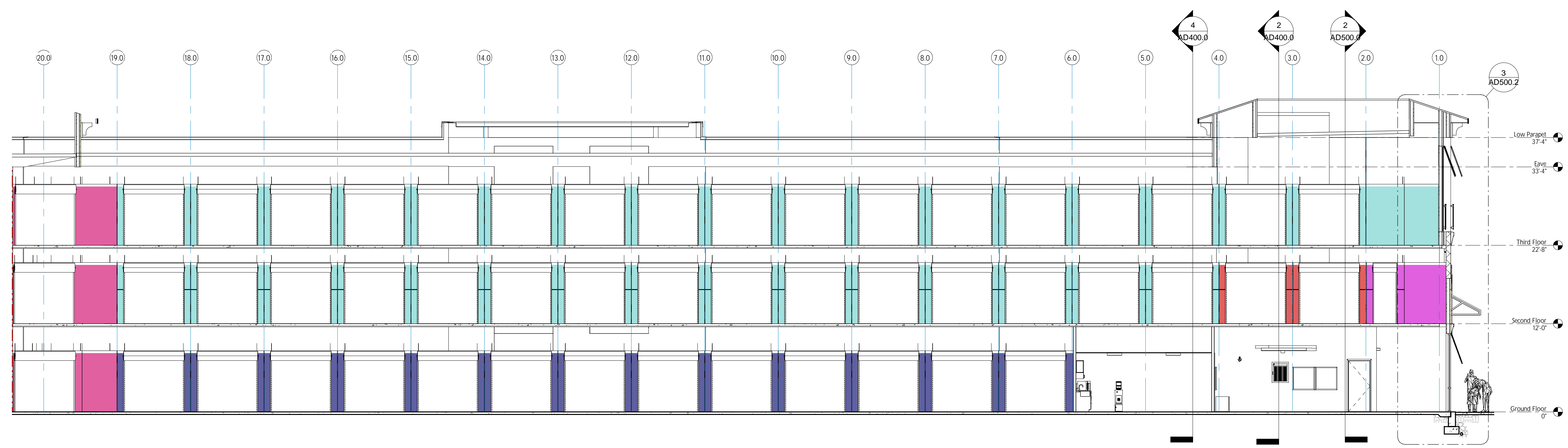
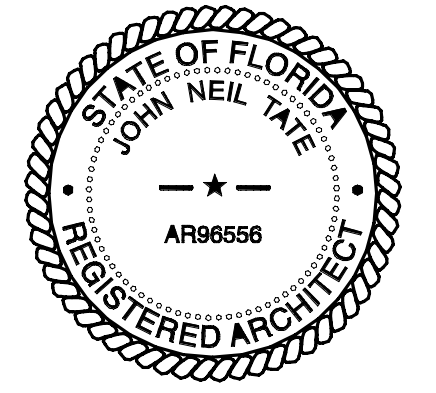
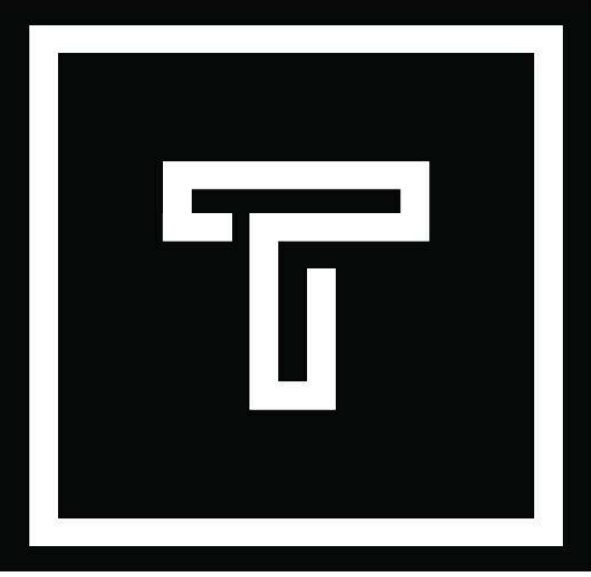
AD300.0.1 - Second Floor RCP

1/16" = 1'-0"

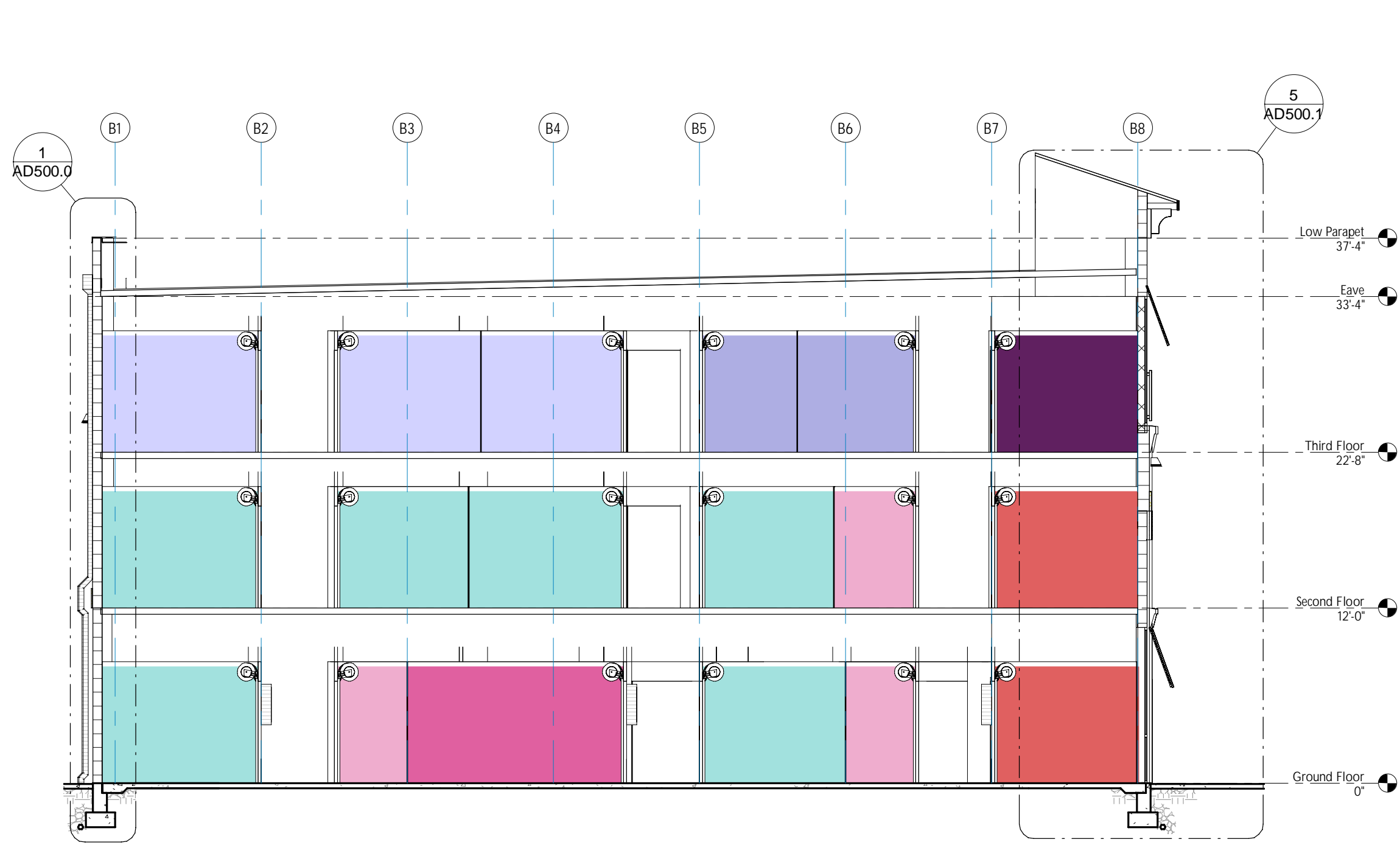


AD300.0.0 - Ground Floor RCP

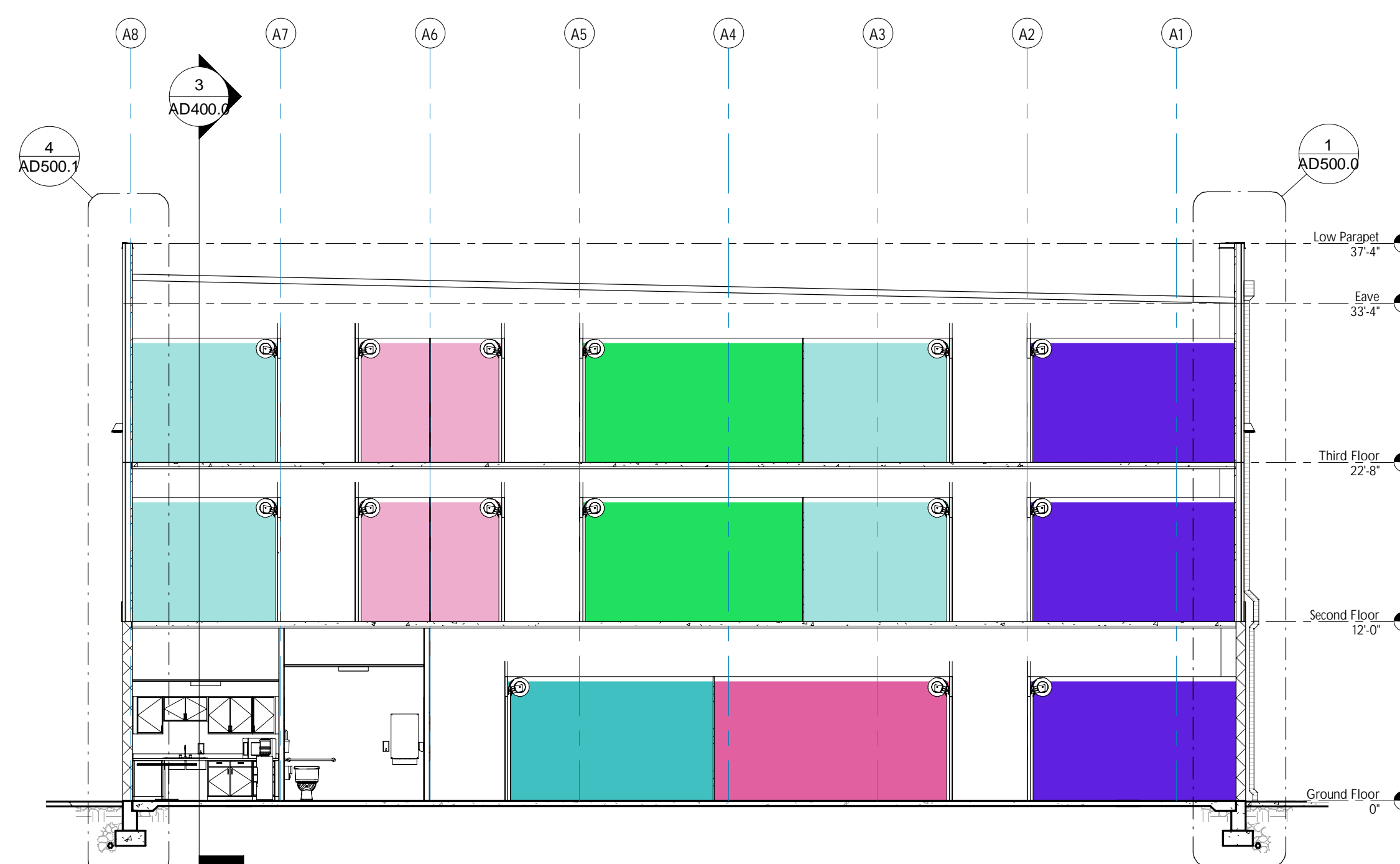
1/16" = 1'-0"



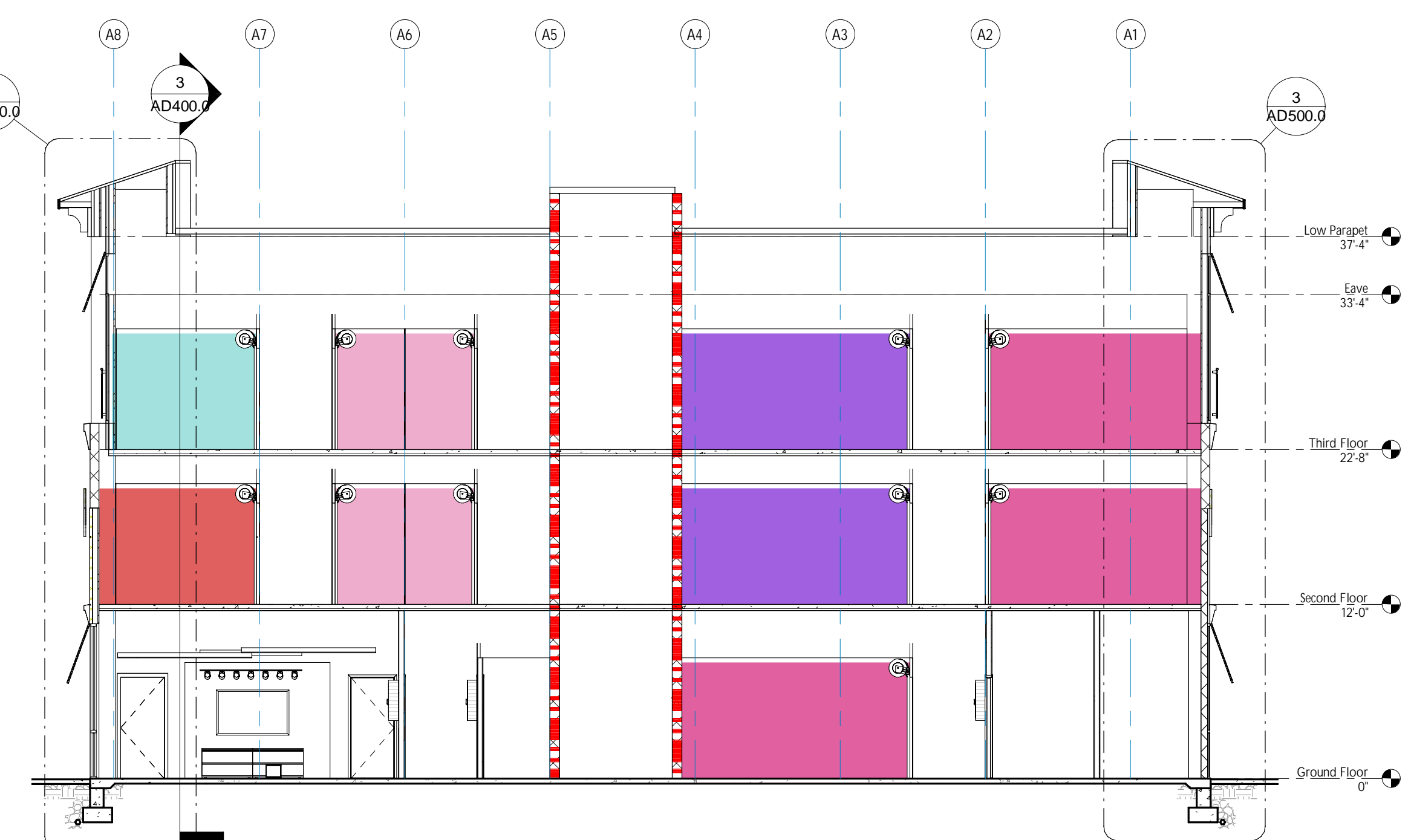
AD400.0.3 - BUILDING SECTION EAST
1/8" = 1'-0"



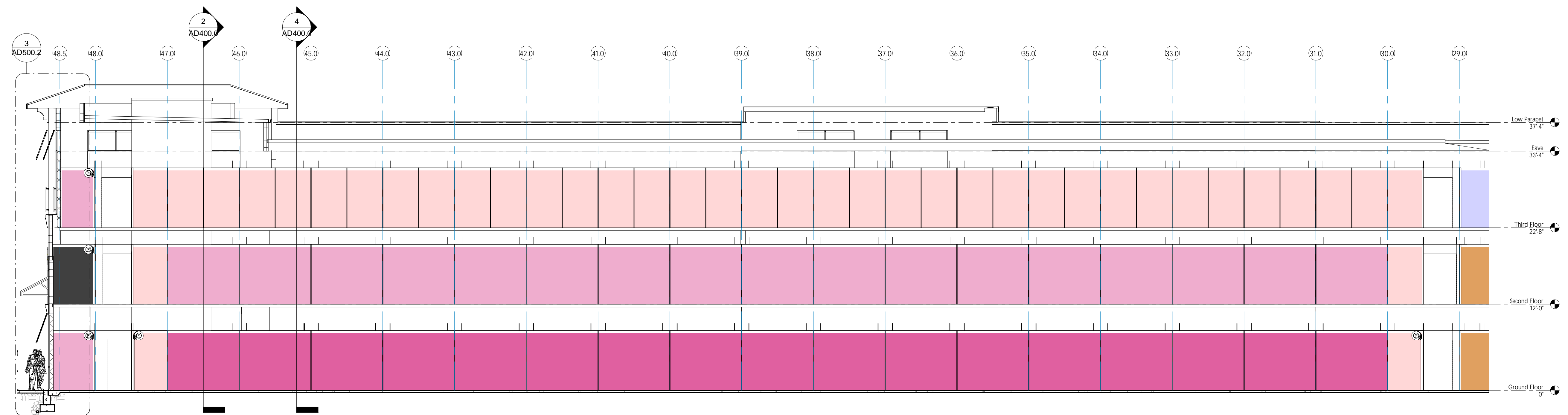
AD400.0.1 - BUILDING SECTION CENTER
1/8" = 1'-0"



AD400.0.4 - BUILDING SECTION TYPICAL
1/8" = 1'-0"



AD400.0.2 - BUILDING SECTION @ HIP ROOF
1/8" = 1'-0"



AD400.0.5 - BUILDING SECTION WEST
1/8" = 1'-0"

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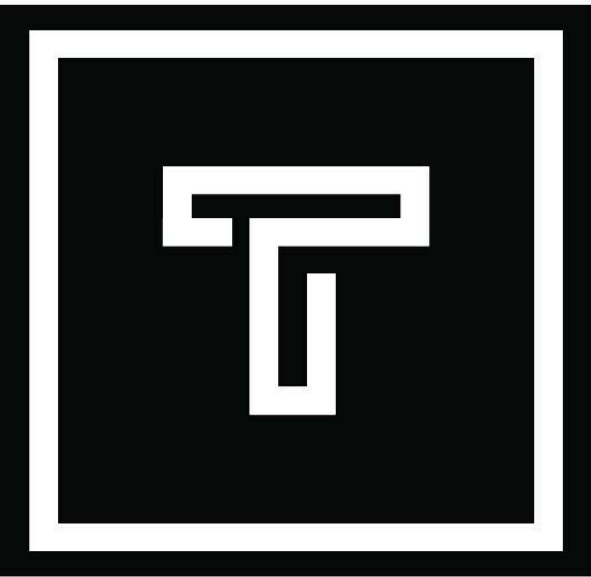
Commission: MSSI Design LLC
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New Self Storage Facility
45th Street
Palm Beach County - Mangonia Park, FL
Commission Number: 2021-26
Issue Date: 11.04.2022
Revisions:
sra comments - 08.31.2023

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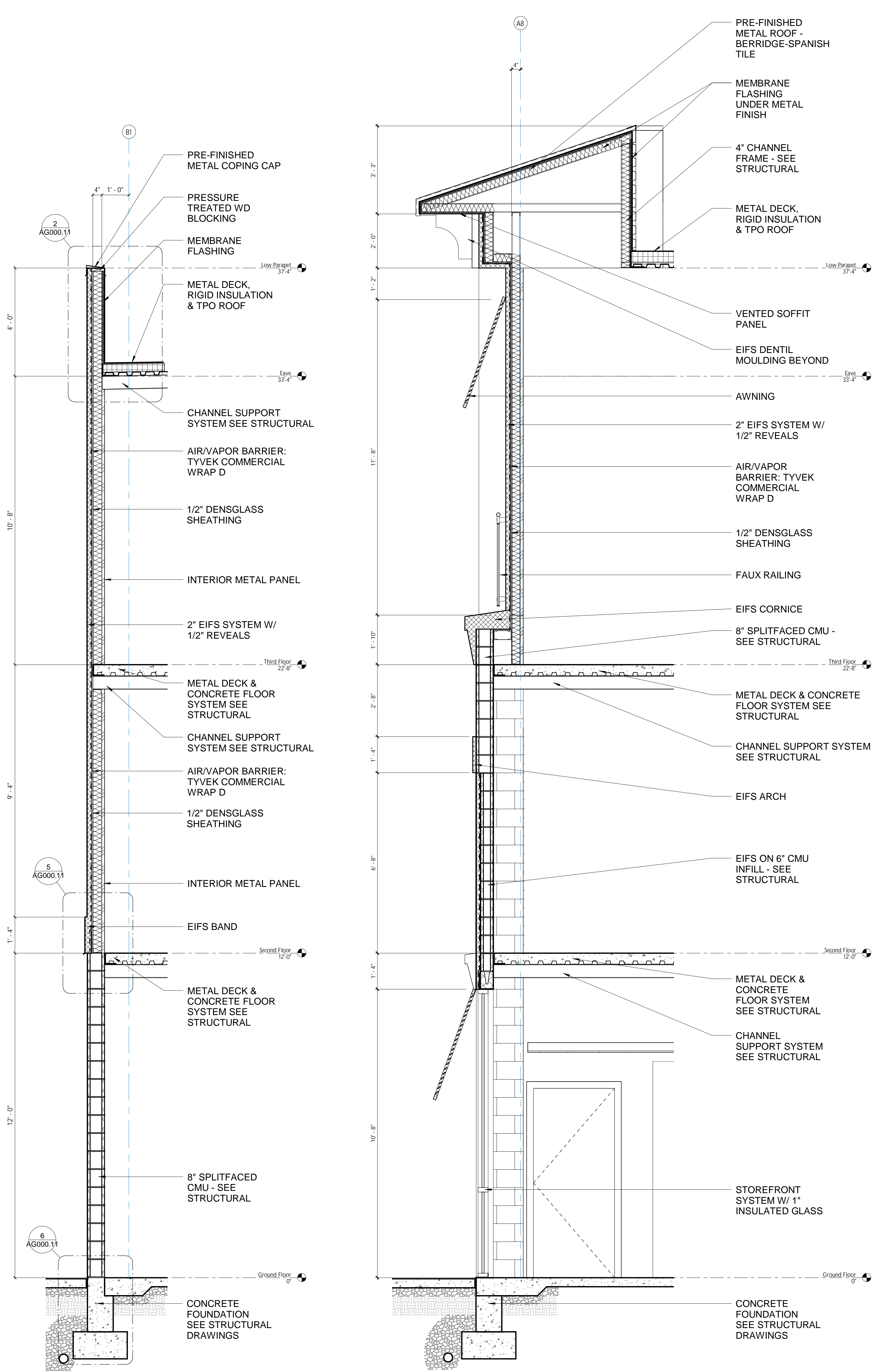
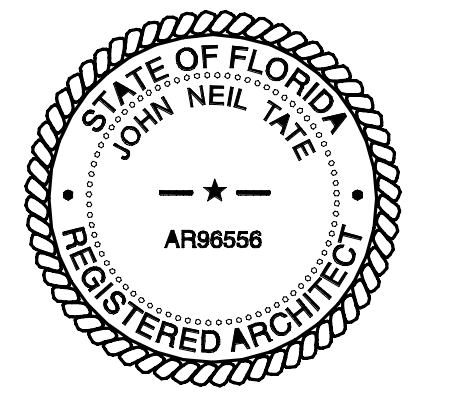
Architectural -
Enlarged Building
Sections 1/8"

AD400.0

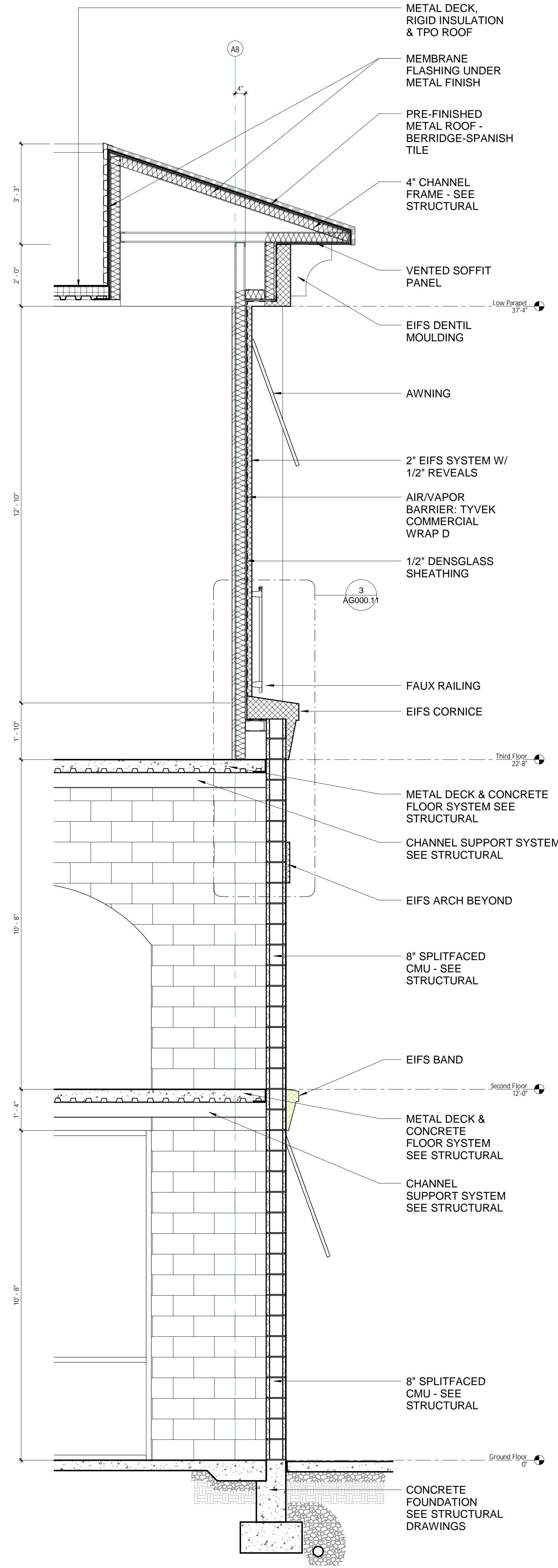
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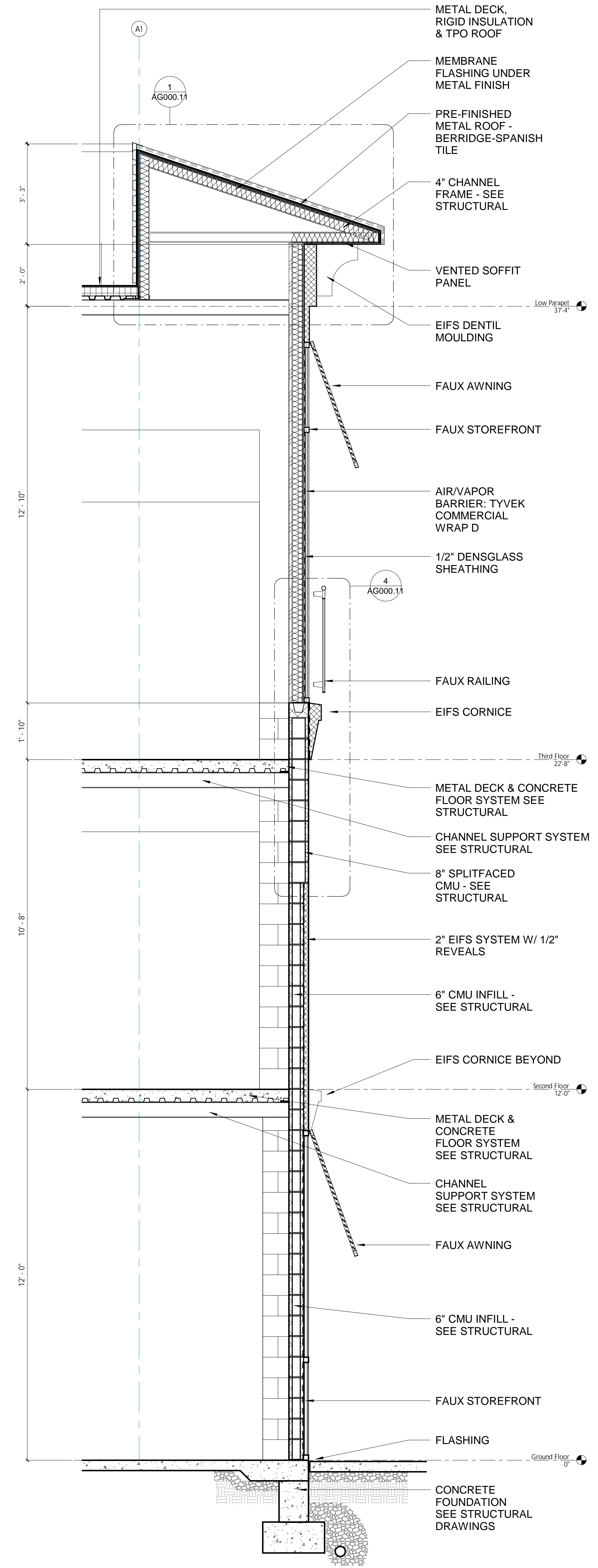
tate architecture pllc
kernersville, nc 27285
336.413.0601
www.tatearchitecture.com



AD500.0.1 - WS @ TYP. - REAR
1/2" = 1'-0"



AD500.0.2 - WALL SECTION @ HIP
1/2" = 1'-0"



AD500.0.3 - WALL SECTION @ HIP
1/2" = 1'-0"

AD500.0.4 - WALL SECTION @ HIP
1/2" = 1'-0"

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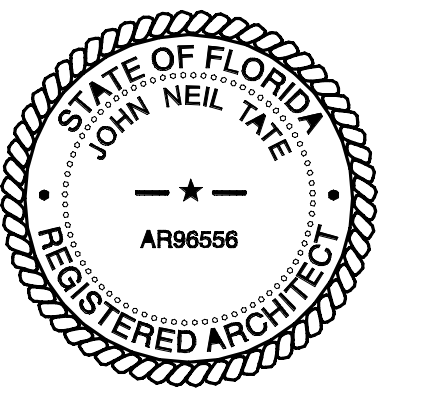
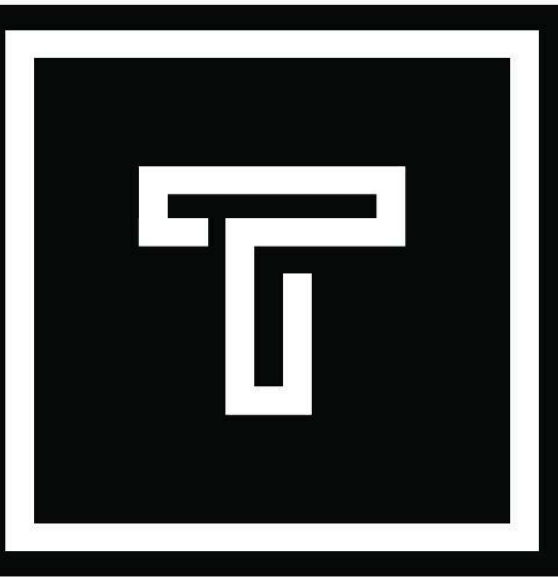
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Project Reference North

Architectural -
Wall Sections

AD500.0

Sheet No.



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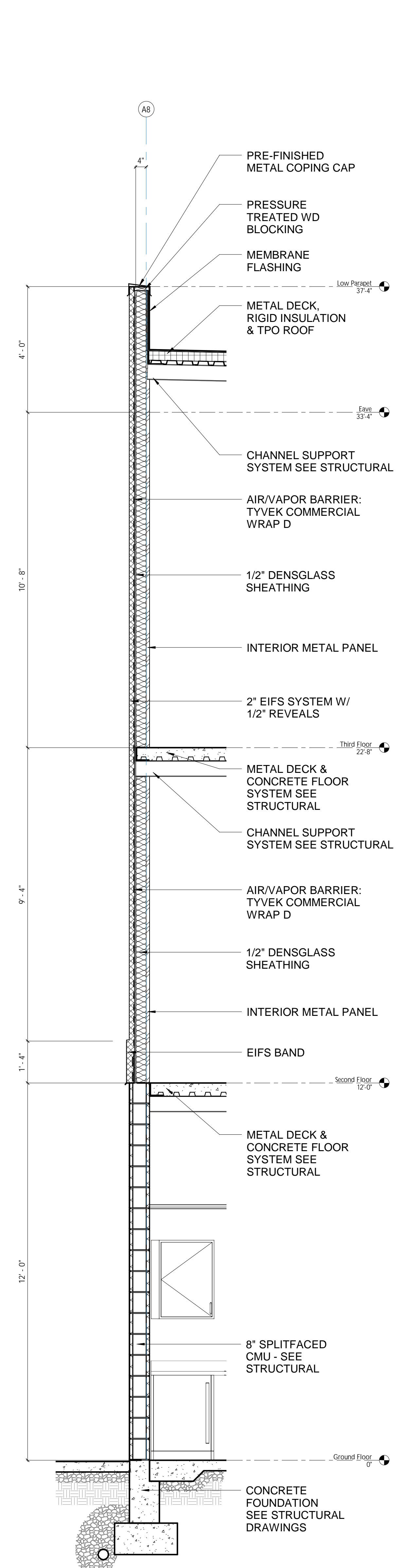
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Commission Number: 2021-26
Issue Date: 11.04.2022
Revisions:
sra comments - 08.31.2023

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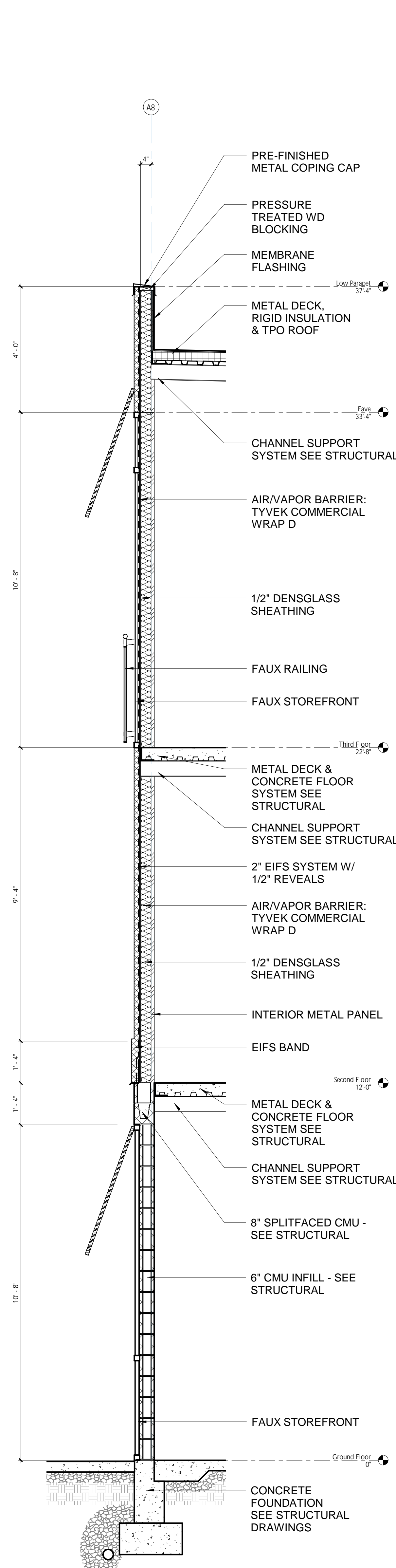
Architectural - Wall Sections

AD500.1

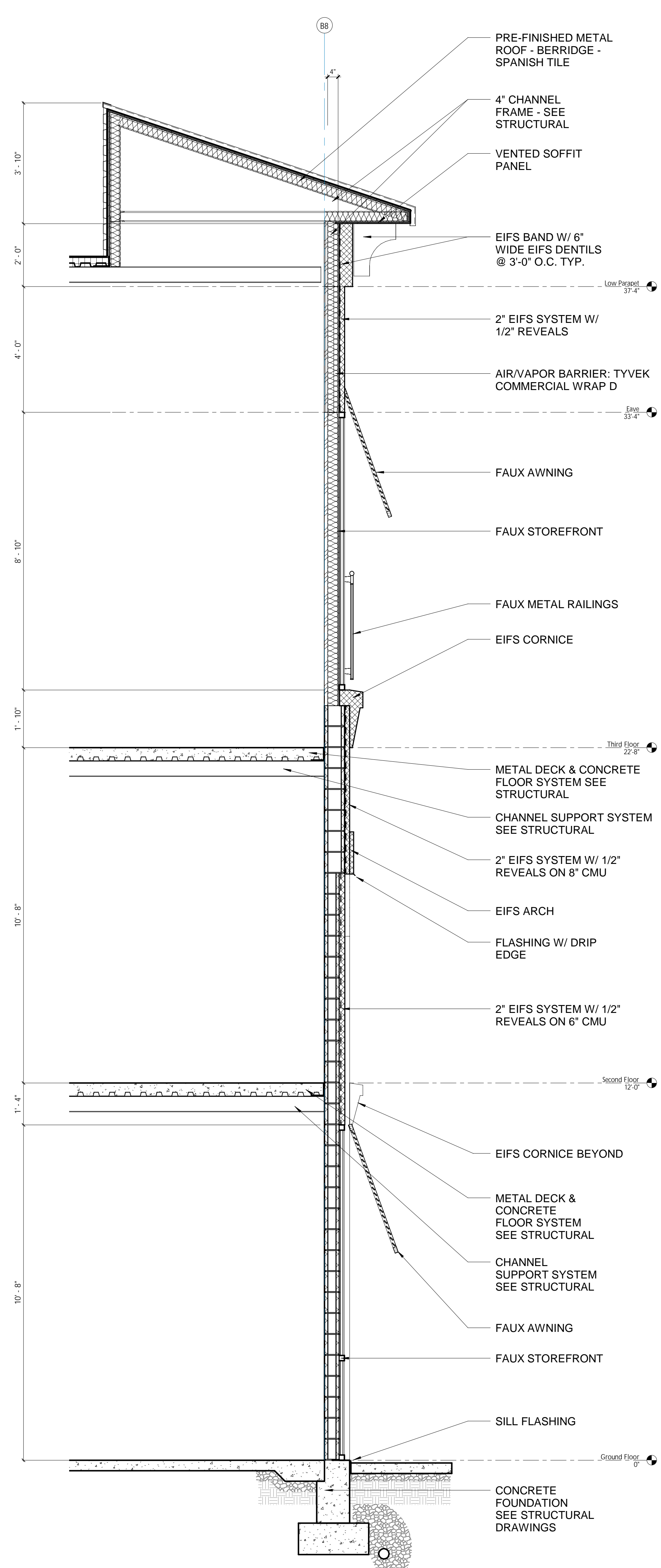
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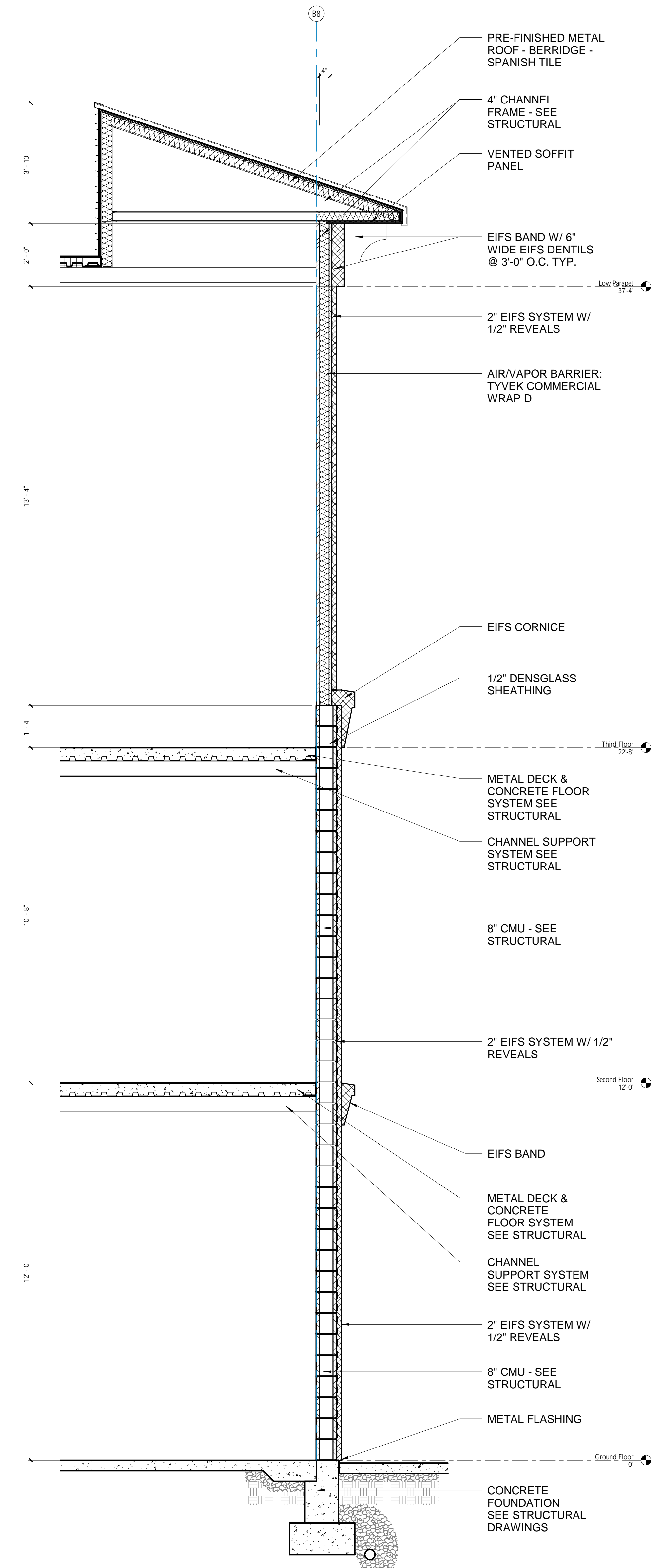
AD500.1.4 - WS @ TYP - FRONT
1/2" = 1'-0"



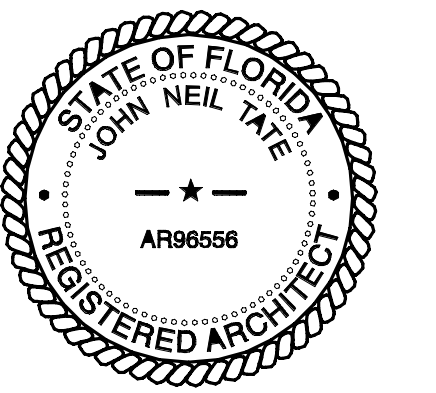
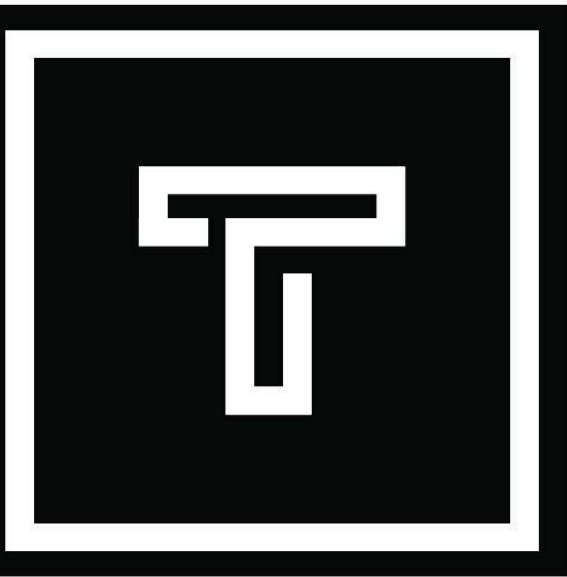
AD500.1.2 - WS @ TYP/WINDOWS
1/2" = 1'-0"



AD500.1.5 - WALL SECTION @ CENTER
1/2" = 1'-0"



AD500.1.1 - WALL SECTION @ CENTER
1/2" = 1'-0"



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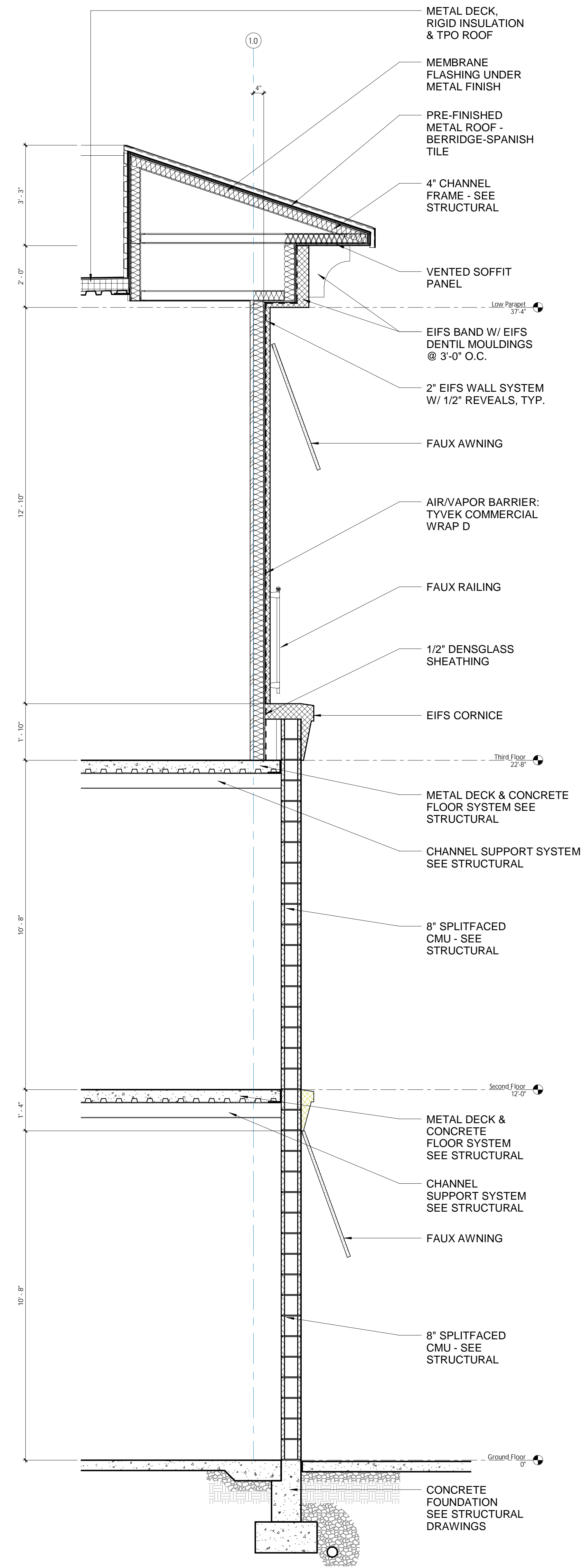
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Commission Number: 2021-26
Issue Date: 11.04.2022
Revisions:
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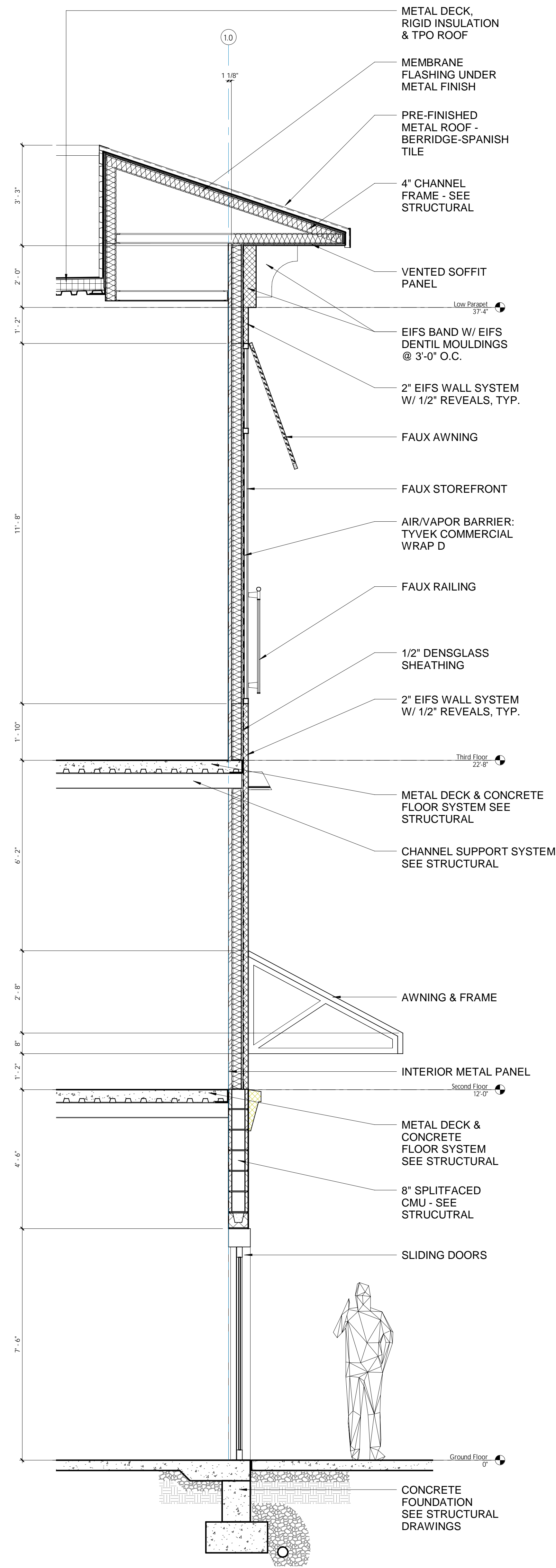
Architectural -
Wall Sections

AD500.2

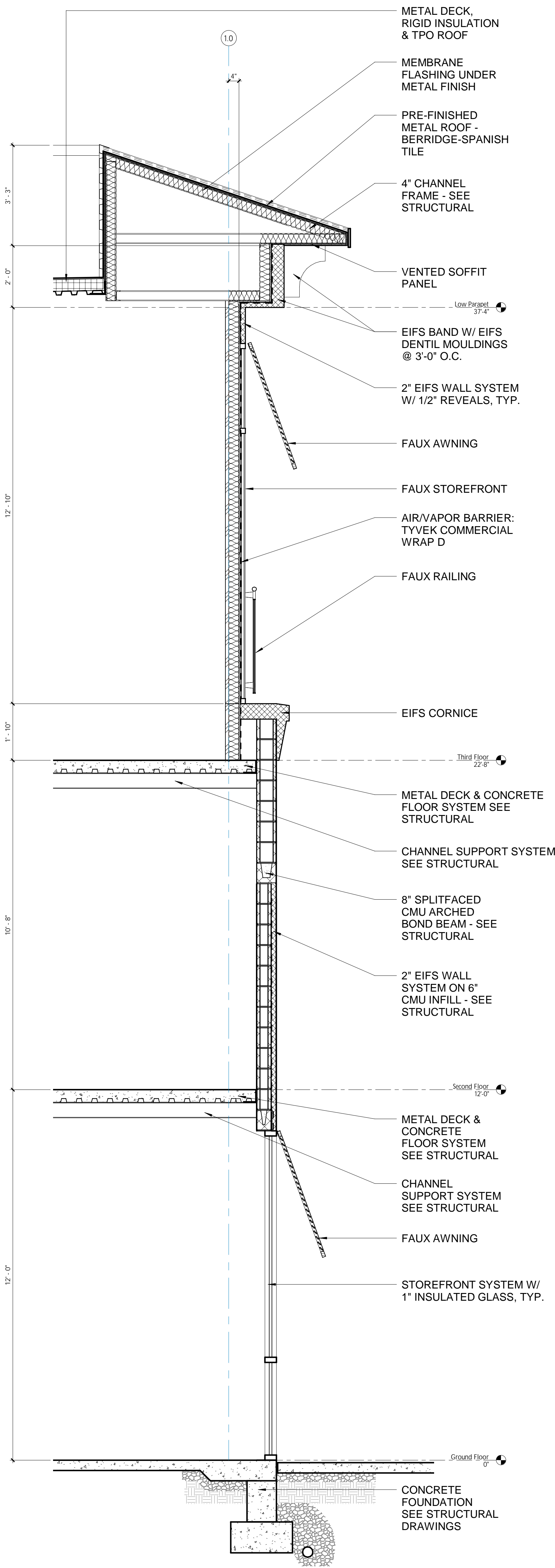
Sheet No.



AD500.2.1 - WALL SECTION @ END TYP.
1/2" = 1'-0"



AD500.2.2 - WALL SECTION @ END/ENTRY
1/2" = 1'-0"



AD500.2.3 - WALL SECTION @ END/WINDOWS
1/2" = 1'-0"