

**APPENDIX B
2018 BUILDING CODE SUMMARY
FOR ALL COMMERCIAL PROJECTS**

Name of Project: DOLLAR GENERAL STORE # 22524
 Address: RAY ROAD, SPRING LAKE, NORTH CAROLINA Zip 28390
 Proposed Use: MERCANTILE (DOLLAR GENERAL RETAIL STORE)
 Owner/Authorized Agent: MARK W. HARGETT Phone 252-349-2100 E-mail mark@archhh.com
 Owned By: City/County Private State
 Code Enforcement Jurisdiction: City SPRING LAKE County HARNETT

LEAD DESIGN PROFESSIONAL: MARK W. HARGETT
 DESIGNER: HOOD • HERRING ARCHITECTURE
 Architectural: Hood Herring Archit. Mark Hargett 4872 252-349-2100 mark@archhh.com
 Civil: 4D Site Solutions Scott Brown 910-426-6777 sbrown@4dsitesolutions.com
 Electrical: Killian Engineering, Inc. Michael Killian 17304 252-436-8716 mikillan@killianengineering.com
 Fire Alarm: Killian Engineering, Inc. Michael Killian 17304 252-436-8716 mikillan@killianengineering.com
 Plumbing: Killian Engineering, Inc. Michael Killian 17304 252-436-8716 mikillan@killianengineering.com
 Mechanical: Killian Engineering, Inc. Michael Killian 17304 252-436-8716 mikillan@killianengineering.com
 Sprinkler-Standpipe: Fuller Structural, Inc. Lucas Young 044256 864-235-3580 young@fullergrp.com
 Structural: Fuller Structural, Inc. Lucas Young 044256 864-235-3580 young@fullergrp.com
 Retaining Walls >5' High: _____
 Other: _____

2018 NBC: New Construction Shell/Core List Time Interior Completions
 Addition Phased Construction - Shell Core
 2018 EXISTING: Prescriptive Alteration level I Historic Property
 Repair Alteration level II Change of Use
 Chapter 14 Alteration level III

CONSTRUCTED: _____ ORIGINAL USE(S): _____
 RENOVATED: _____ PROPOSED USE(S): _____
 OCCUPANCY CATEGORY (TABLE 1604.5): Current: _____ Proposed: _____

BUILDING DATA

Construction Type: I-A II-A III-A IV V-A
 I-B II-B III-B V-B
 Mixed construction No Yes Types: _____
 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
 GROSS BUILDING AREA:
 FLOOR EXISTING (SQ FT) NEW (SQ FT) SUB-TOTAL
 6th Floor _____
 5th Floor _____
 4th Floor _____
 3rd Floor _____
 2nd Floor _____
 Mezzanine _____
 1st Floor 9012
 Basement _____
 TOTAL 9012

ALLOWABLE AREA

Occupancy: Assembly A-1 A-2 A-3 A-4 A-5
 Business Educational 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 I-2 I-3 I-4 1-3 Condition 1 2 3 4 5
 Mercantile Residential R-1 R-2 R-3 R-4
 Storage S-1 Moderate S-2 Low High-piled Parking Garage Open Enclosed Repair
 Utility and Miscellaneous

Incidental Uses: Furnace Rm Boiler Rm Refrigerant Machine Rm Hydrogen Cutoff Incinerator
 Paint Shop Laboratory & Vocational Laundry Rm Group 1-3 Cells Group 1-2 Waste/Lines Collection
 Waste/Lines Collection >100 s.f. Stationary Storage Battery Systems Fire Pump
 Group 1-2 Storage Group 1-2 Comm. Kitchen Group 1-2 Laundry Group 1-2 Fuel-fired Heat

Special Uses: 402 403 404 405 406 407 408 409 410 411 412 413
 414 415 416 417 418 419 420 421 422 423 424 425 426 427
 Special Provisions: 509.2 509.3 509.4 509.5 509.6 509.7 509.8 509.9
 Mixed Occupancy: No Yes Separation: 0 Hr. Exception: 508.3.3

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
 Allowable Area of Occupancy A + Allowable Area of Occupancy B
64 + .06 = .70 ≤ 1.00

STORY NO.	DESCRIPTION AND USE	(A) BLDG. AREA PER STORY (ACTUAL)	(B) TABLE 508.2 ¹ AREA	(C) AREA FOR FRONTAGE INCREASE ²	(D) ALLOWABLE AREA PER STORY OR UNLIMITED ³
M		8032	12500	NA	12500
S-1		980	17500	NA	17500

¹ Frontage area increases from Section 508.2 are computed thus:
 a. Perimeter which fronts a public way or open space having 20 feet minimum width = _____ (P)
 b. Total Building Perimeter = _____ (P)
 c. Ratio (P/P) = _____ (P/P)
 d. W = Minimum width of public way = _____ (W)
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) (508.2)
⁴ The maximum area of open parking garages must comply with table 408.5.4.
⁵ The maximum area of air traffic control towers must comply with table 412.3.1.
⁶ Frontage increase is based on the unspriked area value in table 508.2

ALLOWABLE HEIGHT

	ALLOWABLE	SHOWN ON PLANS	CODE REFERENCE
Building Height in Feet (Table 504.3)	55	16	
Building Height in Stories (Table 504.4)	2	1	

FIRE PROTECTION REQUIREMENTS

BUILDING ELEMENT	FIRE SEPARATION DISTANCE (FEET)	REQ'D	RATING PROVIDED (W/REDUCTION)	DETAIL # AND SHERY #	DESIGN # FOR RATED ASSEMBLY	DESIGN # FOR RATED PENETRATION	DESIGN # FOR RATED JOINTS
Structural frame, including columns, girders, trusses							
Bearing Walls							
Exterior							
North	>30'	0					
East	>30'	0					
West	>30'	0					
South	>30'	0					
Interior							
Nonbearing walls and partitions							
Exterior	NA						
North							
East							
West							
South							
Interior							
Floor construction including supporting beams and joists	NA						
Roof construction including supporting beams and joists	NA						
Shatts-Exit	NA						
Shatts-Other	NA						
Corridor Separation	NA						
Occupancy Separation	NA						
Party/Fire Wall Separation	NA						
Smoke Barrier Separation	NA						
Tenant Separation	NA						
Incidental Use Separation	NA						

PERCENTAGE OF WALL OPENING CALCULATIONS

FIRE SEPARATION DISTANCE (FEET) FROM PROPERTY LINES	DEGREE OF OPENINGS PROTECTION (TABLE 705.8)	ALLOWABLE AREA (%)	ACTUAL SHOWN ON PLANS (%)

LIFE SAFETY SYSTEM REQUIREMENTS

Emergency Lighting: No Yes
 Exit Signs: No Yes
 Fire Alarm: No Yes
 Smoke Detection Systems: No Yes Partial
 Carbon Monoxide Detection: No Yes

LIFE SAFETY PLAN REQUIREMENTS

Life Safety Plan Sheet # COVER

Fire and/or smoke rated wall locations (Chapter 7)
 Assumed and real property line locations (if not on site plan) SEE SITE PLAN
 Exterior wall opening area with respect to distance to assumed property lines (705.8) < 30'
 Occupancy types for each area as it relates to occupancy load calculations (Table 1004.1.2)
 Occupancy loads for each area
 Exit access travel distances (1017) < 200'
 Common path of travel distances [Tables 1006.2.1 & 1006.3.2(1)] < 75'
 Dead end lengths (1020.4) < 20'
 Clear exit widths for each door
 Max calculated occupant load capacity each exit door can accommodate based on exit width (1005.3)
 Actual occupant load for each 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) 9014 SQ. FT.
 The square footage of each smoke compartment for Occupancy Classification 1-2 (407.5)
 Note any code exceptions or table notes that may have been utilized regarding the items above

ACCESSIBLE DWELLING UNITS (SECTION 1107)

TOTAL UNITS	ACCESSIBLE UNITS REQUIRED	ACCESSIBLE UNITS PROVIDED	TYPE A UNITS REQUIRED	TYPE A UNITS PROVIDED	TYPE B UNITS REQUIRED	TYPE B UNITS PROVIDED	TOTAL ACCESSIBLE UNITS PROVIDED
NA							

ACCESSIBLE PARKING (SECTION 1106) (SEE SITE SHEET)

LOT OR PARKING AREA	TOTAL # OF PARKING SPACES REQUIRED	# OF ACCESSIBLE SPACES PROVIDED	REGULAR WITH 5' ACCESS AISLE	VAN SPACES WITH 132" ACCESS AISLE	TOTAL # ACCESSIBLE PROVIDED

PLUMBING FIXTURE REQUIREMENTS (SECTION 2902.1)

USE	WATERCLOSETS		URINALS		LAVATORIES		SHOWERS/TUBS		DRINKING FOUNTAINS	
	MALE	FEMALE/UNISEX	MALE	FEMALE/UNISEX	MALE	FEMALE/UNISEX	REGULAR	ACCESSIBLE	REGULAR	ACCESSIBLE
EXIST'G										
NEW REQ'D		2				2	NA			

SPECIAL APPROVALS

Special approval: (Local Jurisdiction, Department of Insurance, SBCI, ICC, etc., describe below)

STRUCTURAL DESIGN (SEE STRUCTURAL SHEET)

DESIGN LOADS

Importance Factors: Wind (I_w) 1
 Snow (I_s) 1
 Seismic (I_e) 1

Live Loads: Roof 20 psf
 Mezzanine 100 psf
 Floor 10 psf

Ground Snow Loads: Basic Wind Speed 120 mph (ASCE-7)
 Exposure Category B

SEISMIC DESIGN CATEGORY: I II III IV
 Provide the following Seismic Design Parameters:
 Occupancy Category (Table 1604.5) I II III IV
 Spectral Response Acceleration S_w X %g S_u X %g
 Site Classification (ASCE 7) A B C D E F
 Data Source: Field Test Presumptive Historical Data
 Basic structural system (check one): Bearing Wall Dual w/Special Moment Steel
 Building Frame Dual w/Intermediate R/C or Special Steel
 Moment Frame Inverted Pendulum
 Simplified Equivalent Lateral Force Dynamic
 Analysis Procedure: Architectural, Mechanical, Components anchored? Yes No
LATERAL DESIGN CONTROL: Earthquake Wind
SOIL BEARING CAPACITIES:
 Field Test (provide copy of test report) _____ psf
 Presumptive Bearing capacity 2000 psf
 Pile size, type, and capacity _____

ENERGY REQUIREMENTS: ENERGY SUMMARY

The following data shall be considered minimum and any special attribute required to meet the energy code shall also be provided. Each Designer shall furnish the required portions of the project information for the plan data sheet. If performance method, state the annual energy cost for the standard reference design vs annual energy cost for the proposed design.
 Existing building envelope complies with code: If checked, the remainder of this section is N/A

Exempt Building: Provide code or statutory reference:
 Climate Zone: 3A 4A 5A
 Method of Compliance: Energy Code Prescriptive Performance
 ASHRAE 90.1 Prescriptive Performance
 Other: Performance (specify source)

THERMAL ENVELOPE (Prescriptive method only)
 Roof/Ceiling Assembly (each assembly):
 Description of assembly STANDING SEAM METAL PANELS, THERMAL BLOCK, INSUL RII + R30
 U-Value of total assembly 0.29
 R-Value of insulation R-41
 Skylights in each assembly: U-Value of skylight _____
 total sq. ft. of skylights in each assembly NA

Exterior Walls (each assembly):
 Description of assembly METAL PANELS, R19 INSUL., MTL STUDS, GYP BD
 U-Value of total assembly 0.10
 R-Value of insulation R-19
 Openings (windows or doors with glazing):
 U-Value of assembly 1.030
 Solar heat gain coefficient 0.2
 projection factor 2
 Door R-Values 1.72

Walls below grade (each assembly):
 Description of assembly NA
 U-Value of total assembly _____
 R-Value of insulation _____

Floors over unconditioned space (each assembly):
 Description of assembly NA
 U-Value of total assembly _____
 R-Value of insulation _____

Floors slab on grade (each assembly):
 Description of assembly 4" CONG. VAPOR BARRIER, COMPACTED EARTH
 U-Value of total assembly 0.15
 R-Value of insulation R-15
 Horizontal/vertical requirement 2" VERTICAL
 slab heated NO

MECHANICAL SUMMARY (SEE MECHANICAL SHEET)

MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT:

Thermal Zone: winter dry bulb _____
 summer dry bulb _____

Interior design conditions: winter dry bulb _____
 summer dry bulb _____
 relative humidity _____

Building heating load _____
 Building cooling load _____

Mechanical Spacing Conditioning System:
 Unitary: description of unit _____
 heating efficiency _____
 cooling efficiency _____
 size category of unit _____
 Boiler: size category _____
 If oversized, state reason. _____
 Chiller: size category _____
 If oversized, state reason. _____

List equipment efficiencies _____

ELECTRICAL SUMMARY (SEE ELECTRICAL SHEET)

ELECTRICAL SYSTEM AND EQUIPMENT:
 Method of Compliance: ENERGY CODE: Prescriptive Performance
 ASHRAE 90.1: Prescriptive Performance

Lighting schedule:
 Lamp type required in fixture _____
 number of lamps in fixture _____
 ballast type used in the fixture _____
 number of ballasts in fixture _____
 total wattage per fixture _____
 total interior wattage specified vs allowed _____
 total exterior wattage specified vs allowed _____

Additional Prescriptive Compliance:
 506.2.1 More Efficient Mechanical Equipment
 506.2.2 Reduced Lighting Power Density
 506.2.3 Energy Recovery Ventilation Systems
 506.2.4 Higher Efficiency Service Water Heating
 506.2.5 On-Site Supply of Renewable Energy
 506.2.6 Automatic Daylighting Control Systems

DOLLAR GENERAL

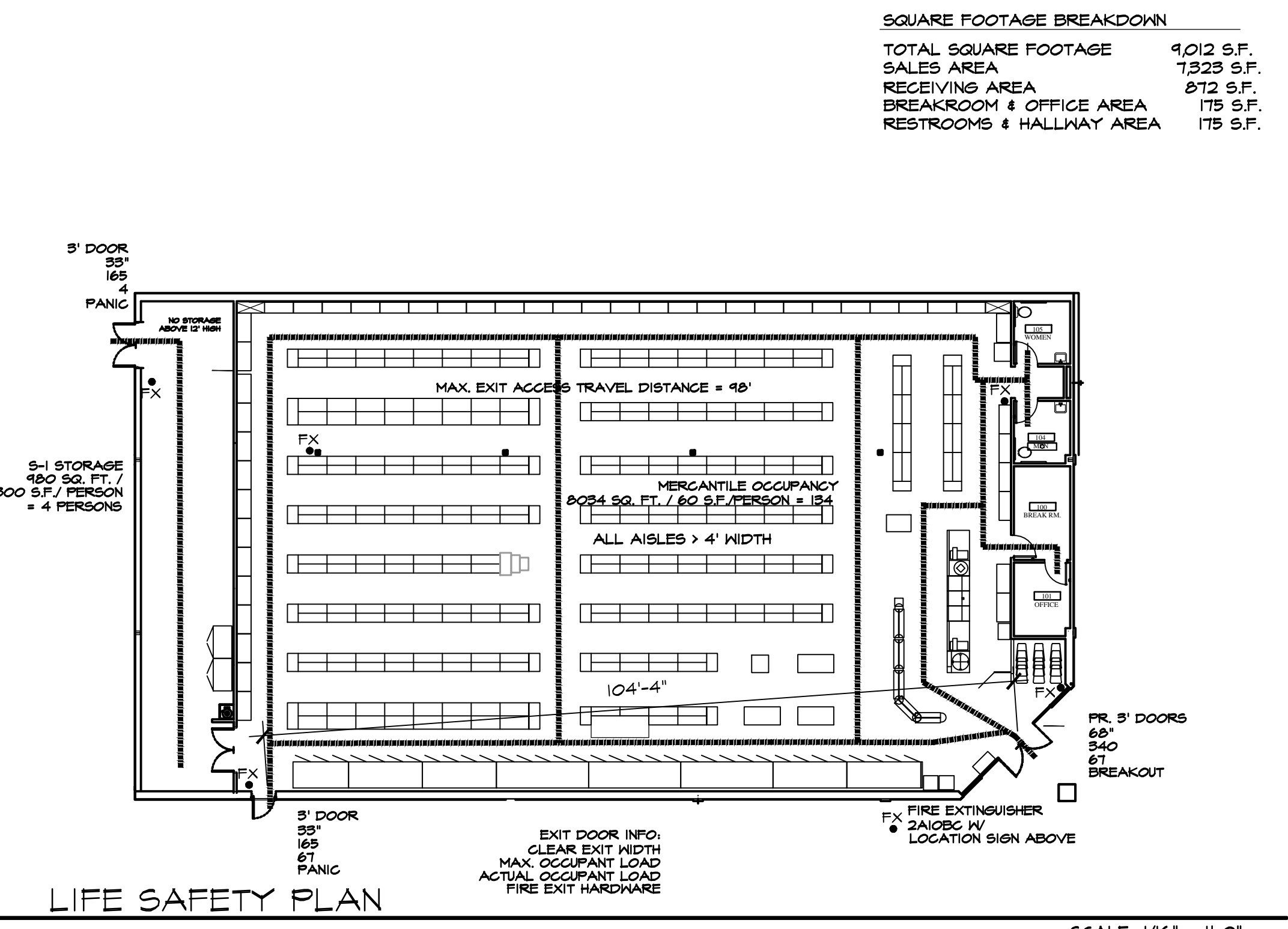
STORE # 22524

RAY ROAD

SPRING LAKE, NORTH CAROLINA

SCHEDULE OF DRAWINGS

- COVER
- C1 SITE COVER SHEET
 C2 EXISTING CONDITIONS PLAN
 C3 SITE PLAN
 C4 GRADING & DRAINAGE PLAN
 C5 EROSION CONTROL PLAN
 C6 UTILITY PLAN
 C7 CONSTRUCTION DETAILS
 C8 CONSTRUCTION DETAILS
 C9 CONSTRUCTION DETAILS
 C10 STORMWATER MANAGEMENT DETAILS
 C11 LANDSCAPE PLAN
- A-1 FLOOR PLAN & SCHEDULES
 A-2 ELEVATIONS & FIXTURE PLAN
 A-3 BUILDING SECTIONS
 A-4 WALL SECTIONS
 A-5 ROOF PLAN, PAINTING DIAGRAM & SCHEDULES
 A-6 CONCRETE & FINISH SPECIFICATIONS & NOTES
- S-1 FOUNDATION PLAN
 S-1 STRUCTURAL DETAILS
 S-3 CONCRETE & FINISH SPECIFICATIONS & NOTES
- P-1 PLUMBING SCHEDULES & DETAILS
 P-2 PLUMBING PLANS & RISERS
- M-1 MECHANICAL SCHEDULES & DETAILS
 M-2 MECHANICAL PLAN
 E-1 ELECTRICAL POWER PLAN
 E-2 ELECTRICAL LIGHTING PLAN
 E-3 ELECTRICAL POWER POLES
 E-4 DATA ROUTING PLAN
- EMS-1 EMS PLAN & SCHEDULE
 EMS-2 EMS PANEL & CONTROLS



ISSUED FROM: WILMINGTON OFFICE
 805 North Fourth Street
 Wilmington, NC 910.251.8899
 Phone: 910.251.9989
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HOOD • HERRING ARCHITECTURE P.L.L.P.
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 Wilmington, NC 28403
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DOLLAR GENERAL
 STORE # 22524
 RAY ROAD
 SPRING LAKE, NORTH CAROLINA

JOB NUMBER: _____
 DRAWN BY: MAH
 DATE: 03/01/21
 REVISIONS: 6/10/21 - CLIMATE ZONE

SHEET NUMBER: _____

NOTE: ALL CONTRACTORS SHALL REVIEW & MAINTAIN II X 17 DOLLAR GENERAL PROTOTYPE PLAN "E" DGETP BUILD-TO-SUIT PACKAGE ON JOB SITE



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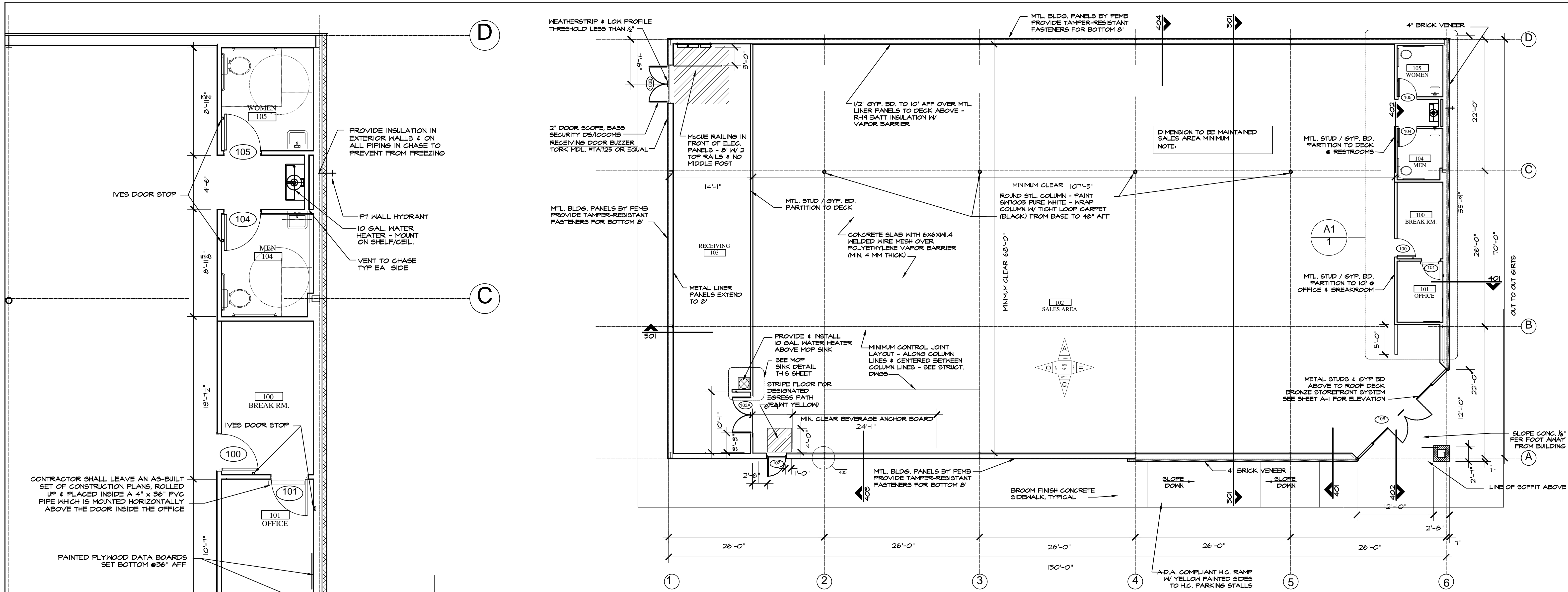
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 STORE # 22524
 RAY ROAD
 SPRING LAKE, NORTH CAROLINA

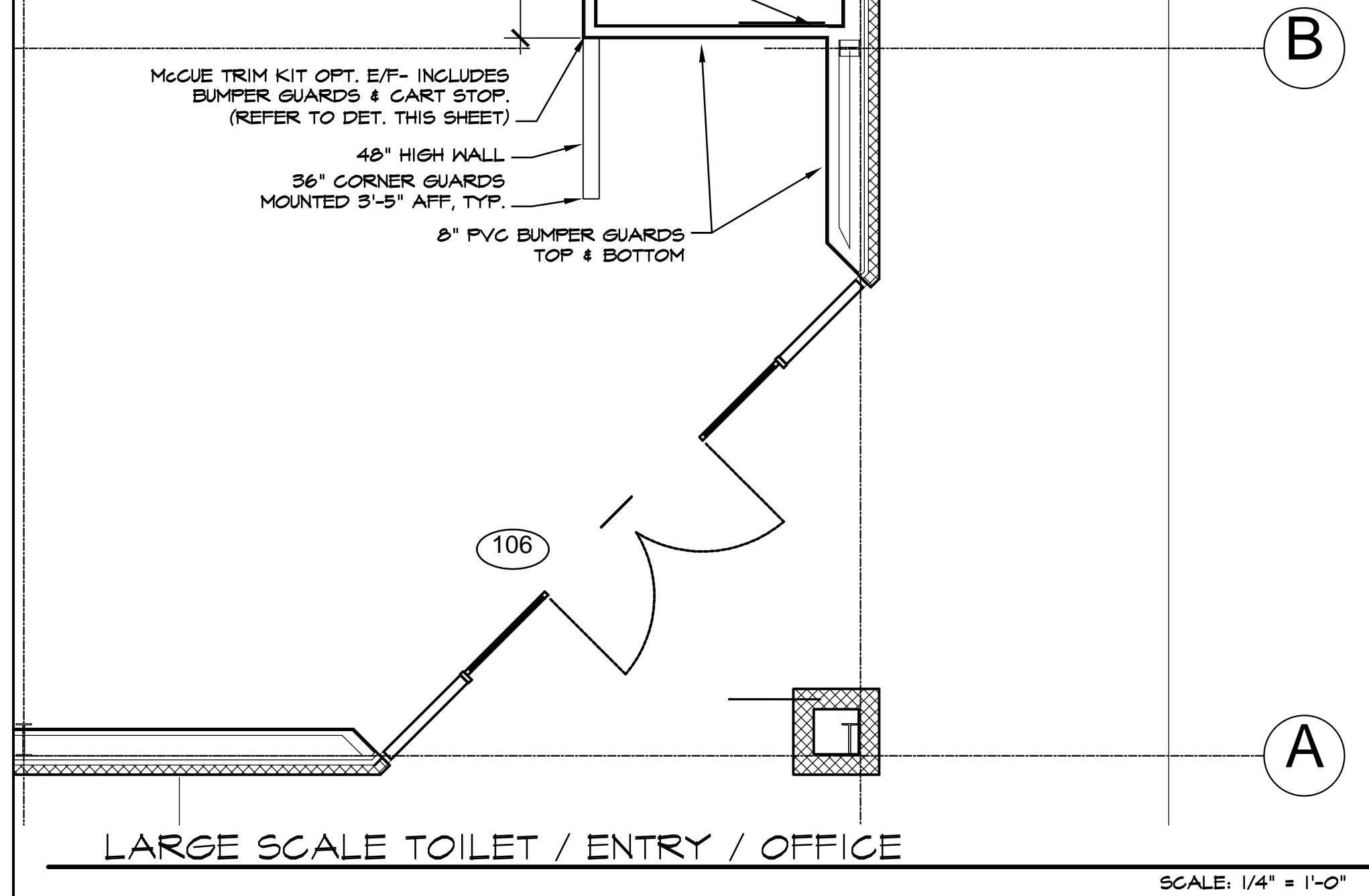
JOB NUMBER
 DRAWN BY
 MAH
 DATE
 03/01/21
 REVISIONS

SHEET NUMBER

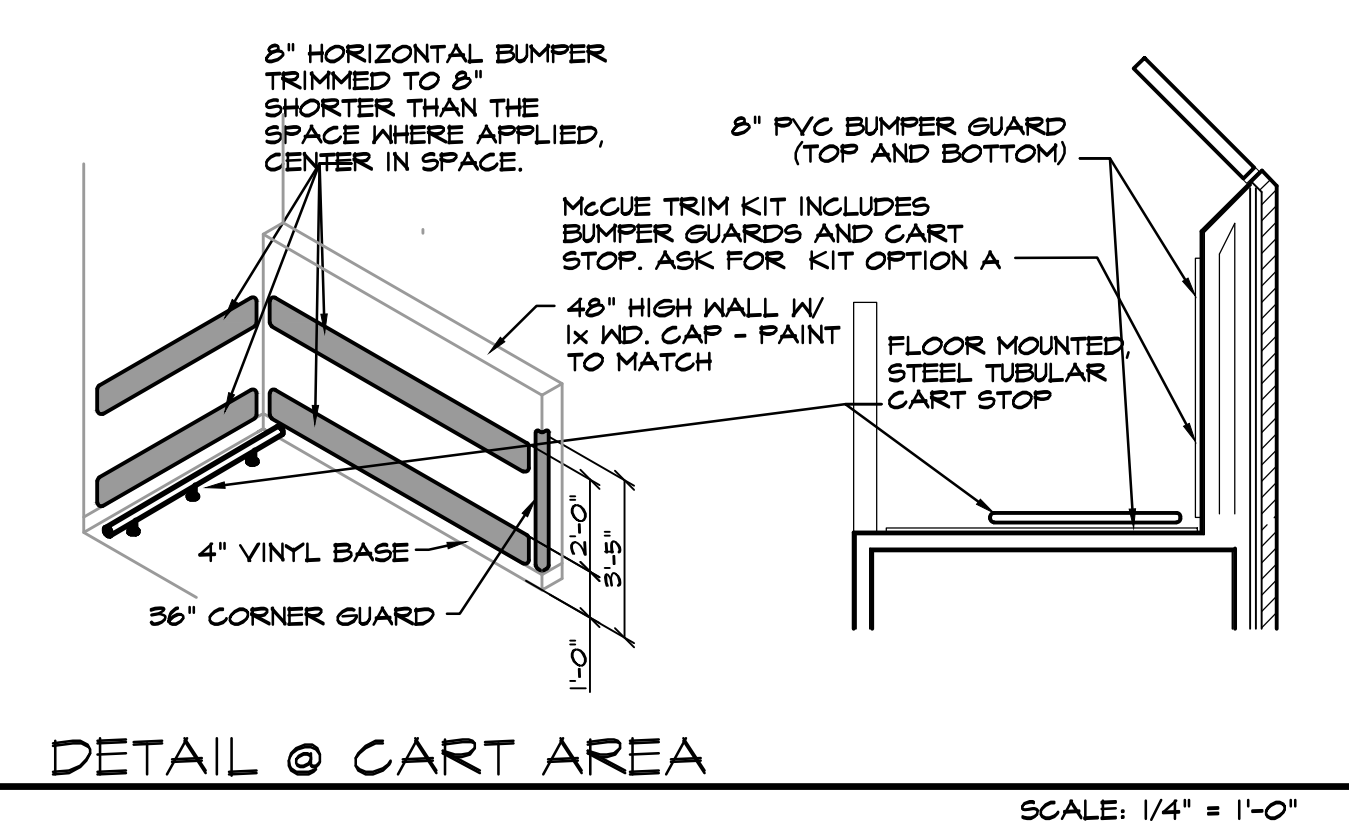
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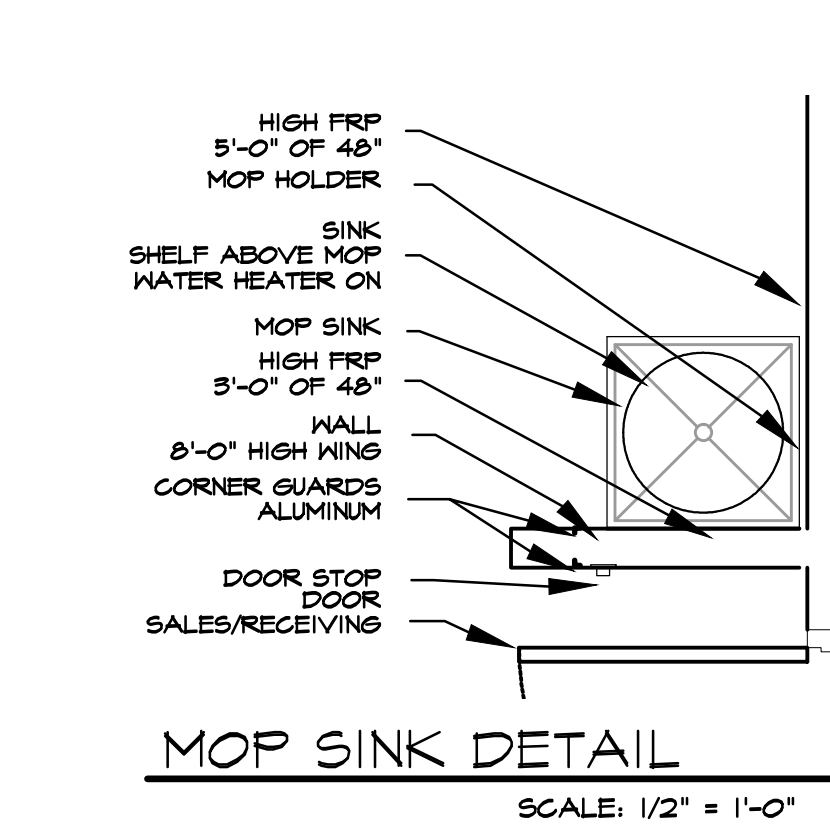
FLOOR PLAN NOTE: ALL CONTRACTORS SHALL REVIEW & MAINTAIN II X 17 DOLLAR GENERAL CURRENT PROTOTYPE PLAN "E" BUILD-TO-SUIT PACKAGE ON JOB SITE SCALE: 1/8" = 1'-0"



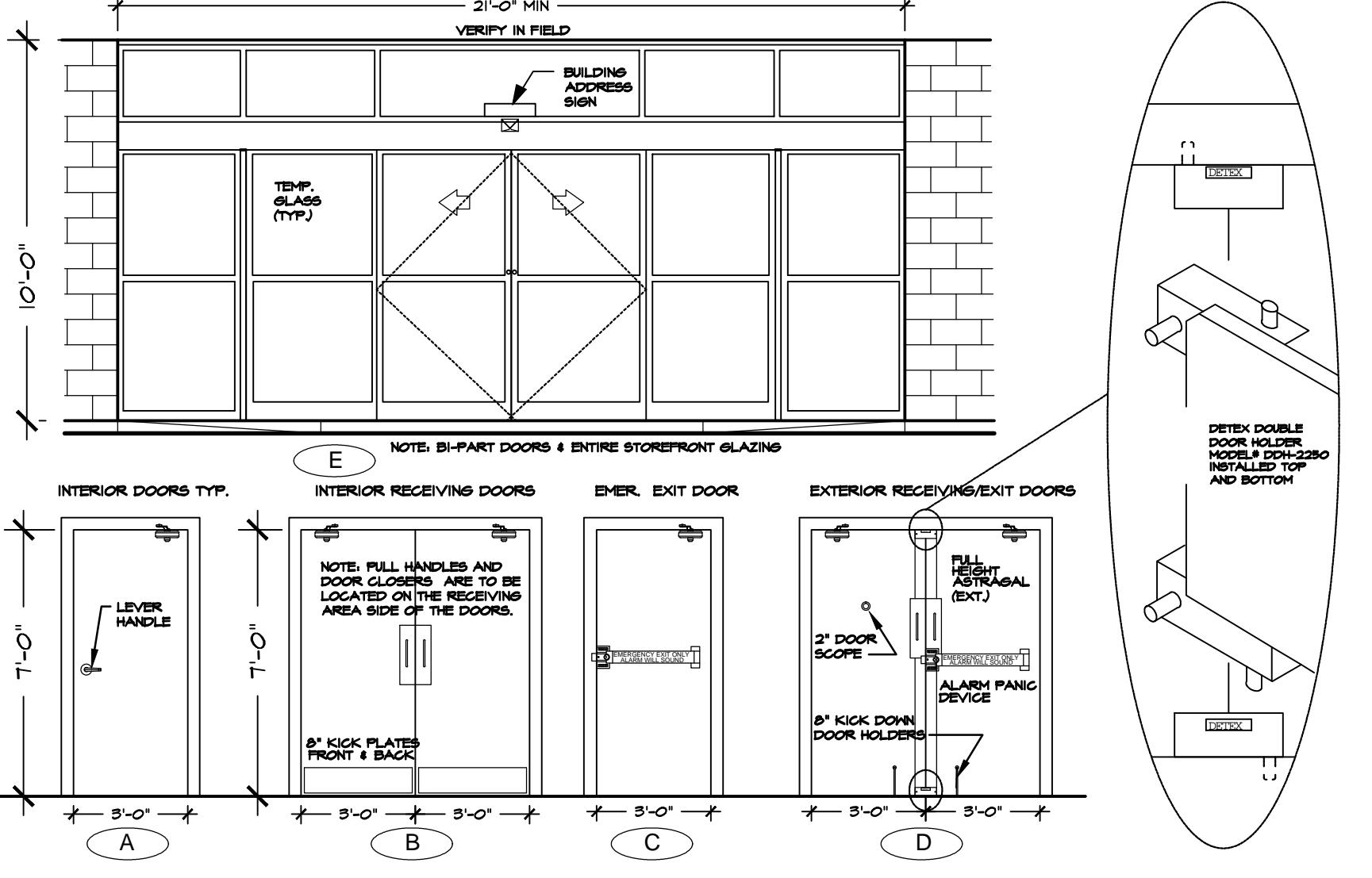
LARGE SCALE TOILET / ENTRY / OFFICE SCALE: 1/4" = 1'-0"



DETAIL @ CART AREA SCALE: 1/4" = 1'-0"



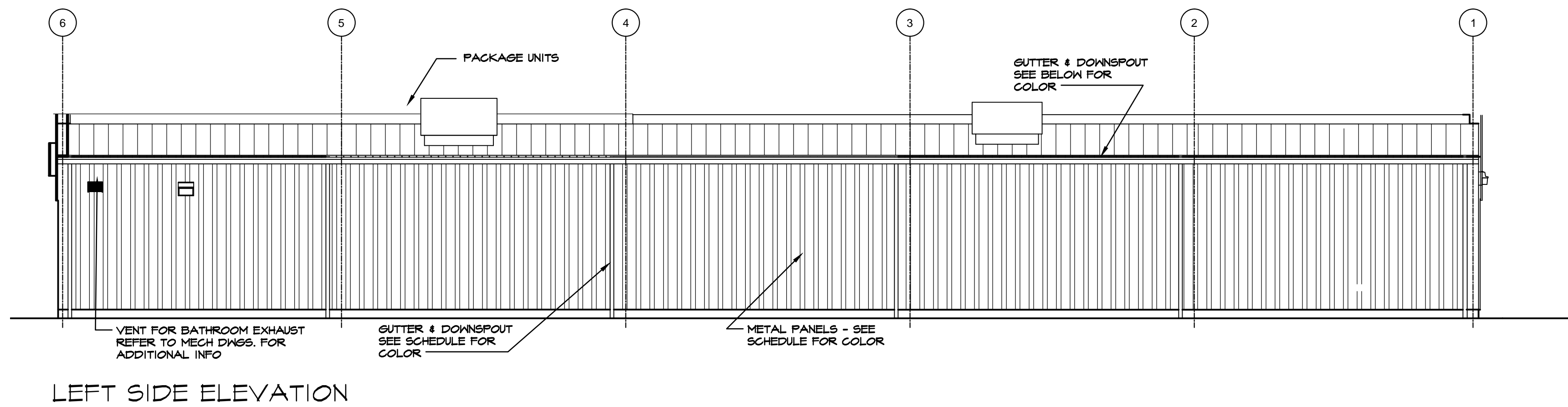
MOP SINK DETAIL SCALE: 1/2" = 1'-0"



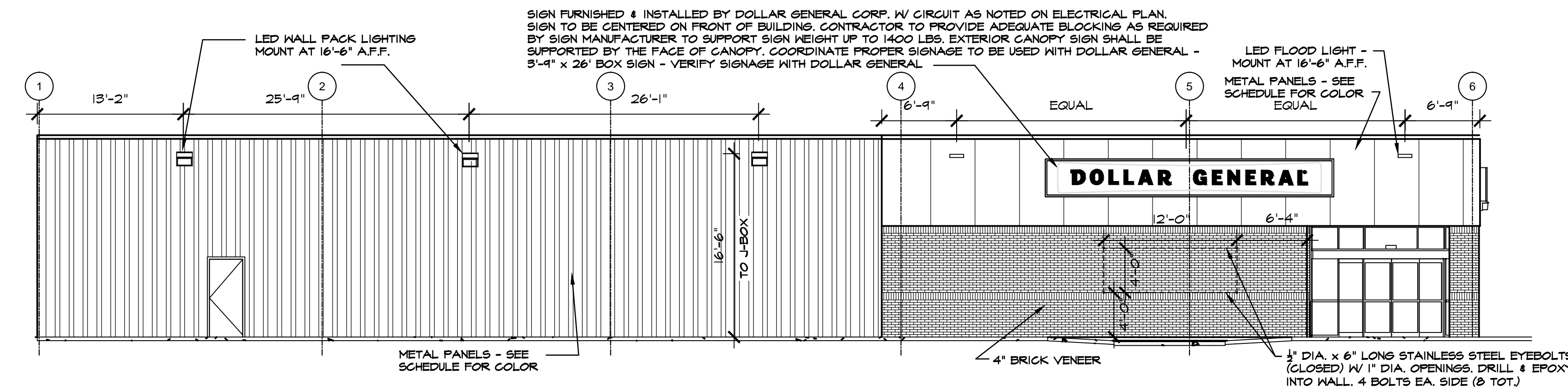
DOOR ELEVATIONS SCALE: 1/4" = 1'-0"

ROOM FINISH SCHEDULE											
NO	ROOM NAME	FLOOR	BASE	A WALL	B WALL	C WALL	D WALL	CEILING MATERIAL	CEILING FINISH	REMARKS	
100	BREAK RM.	CONCRETE FLOOR SEALED	CONCRETE SEALER	4" RUBBER / VINYL BASE	BLACK	GYP. BOARD TO ROOF DECK & EXT. WALLS TO 10'-0" AFF OTHERS	SHERWIN WILLIAMS SHTOOS-WHITE PRO-MAR LATEX SEMI-GLOSS	GYP. BOARD TO 10'-0" AFF.	SHERWIN WILLIAMS SHTOOS-WHITE	PAINT EXPOSED STRUCTURE SHERWIN WILLIAMS SHTOOS-WHITE	
101	OFFICE	CONCRETE FLOOR SEALED	CONCRETE SEALER	4" RUBBER / VINYL BASE	BLACK	GYP. BOARD TO ROOF DECK & EXT. WALLS TO 10'-0" AFF OTHERS	SHERWIN WILLIAMS SHTOOS-WHITE PRO-MAR LATEX SEMI-GLOSS	GYP. BOARD TO 10'-0" AFF.	SHERWIN WILLIAMS SHTOOS-WHITE	PAINT EXPOSED STRUCTURE SHERWIN WILLIAMS SHTOOS-WHITE	
102	SALES AREA	CONCRETE FLOOR SEALED	CONCRETE SEALER	4" RUBBER / VINYL BASE	BLACK	GYP. BOARD TO ROOF DECK & EXT. WALLS TO 10'-0" AFF OTHERS	SHERWIN WILLIAMS SHTOOS-WHITE PRO-MAR LATEX SEMI-GLOSS	GYP. BOARD TO 10'-0" AFF.	SHERWIN WILLIAMS SHTOOS-WHITE	PAINT EXPOSED STRUCTURE SHERWIN WILLIAMS SHTOOS-WHITE	
103	RECEIVING AREA	CONCRETE FLOOR SEALED	CONCRETE SEALER	N/A	N/A	METAL LINER PANELS TO 8'-0" AFF.	METAL LINER PANELS TO 8'-0" AFF.	METAL LINER PANELS TO 8'-0" AFF.	WHITE	PAINT EXPOSED STRUCTURE SHERWIN WILLIAMS SHTOOS-WHITE	
104	MEN	SHERWIN WILLIAMS PRO-MAR LATEX SEMI-GLOSS	4" RUBBER / VINYL BASE	BLACK	4" RUBBER / VINYL BASE	BLACK	GYP. BOARD TO 8'-0" AFF.	8" HIGH FIBERGLASS-REINFORCED PANEL - WHITE	GYP. BOARD TO 8'-0" AFF.	8" HIGH FIBERGLASS-REINFORCED PANEL - WHITE	
105	WOMEN	SHERWIN WILLIAMS PRO-MAR LATEX SEMI-GLOSS	4" RUBBER / VINYL BASE	BLACK	4" RUBBER / VINYL BASE	BLACK	GYP. BOARD TO 8'-0" AFF.	8" HIGH FIBERGLASS-REINFORCED PANEL - WHITE	GYP. BOARD TO 8'-0" AFF.	8" HIGH FIBERGLASS-REINFORCED PANEL - WHITE	
106	HALL	CONCRETE FLOOR SEALED	CONCRETE SEALER	4" RUBBER / VINYL BASE	BLACK	GYP. BOARD TO 8'-0" AFF.	SHERWIN WILLIAMS SHTOOS-WHITE PRO-MAR LATEX SEMI-GLOSS	GYP. BOARD TO 8'-0" AFF.	SHERWIN WILLIAMS SHTOOS-WHITE	PAINT EXPOSED STRUCTURE SHERWIN WILLIAMS SHTOOS-WHITE	

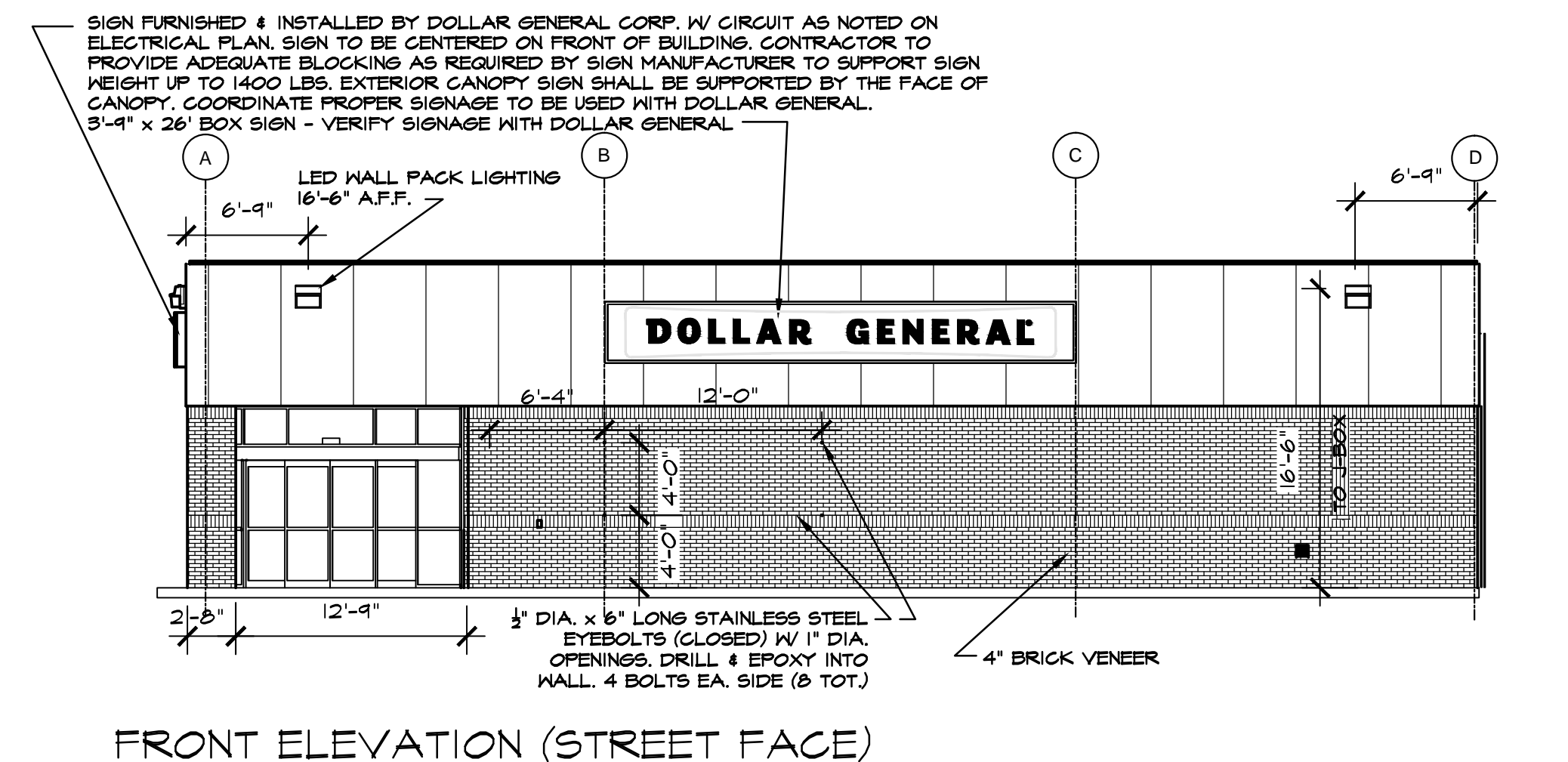
DOOR SCHEDULE				HARDWARE		REMARKS
NO.	TYPE	HEIGHT	THICK.	TYPE	HEIGHT	
100 (BREAK ROOM)	A	8'-0"	1-3/4"	(1) STANLEY PASSAGE LOCKSET QCL250-E-628-54 - NO KEY REQ'D, (1) STANLEY DOOR CLOSER GDC011-684	1-3/4"	SOLID CORE HOOD DOOR OR HOLLOW CORE METAL DOOR & FRAME PAINTED SH-BLACK HANG'G, 6841 SH-BL-GLOSS
101 (OFFICE)	C	8'-0"	1-3/4"	(1) STANLEY STOREROOM LOCKSET QCL270-E-628-54-SC-KD - KEY #2, (1) STANLEY DOOR CLOSER GDC011-684, (1) IVES HALL STOP 8402-12B-282, (1) TACO DOOR VENER #7ASS01G, (1/2) PAIR HINGES	1-3/4"	SOLID CORE HOOD DOOR OR HOLLOW CORE METAL DOOR & FRAME PAINTED SH-BLACK HANG'G, 6841 SH-BL-GLOSS
102 (RECEIVING EXIT)	C	8'-0"	1-3/4"	(1) VON DUPRIN GUARD-X EXIT ALARM LOCK #2610-28, (1) STANLEY DOOR CLOSER GDC011-684, (1) DOOR PULL ON USDB, (1) DOOR SWEEP, WEATHERSTRIPPING, (1) TORBEC-260-RM CYLINDER, (1/2) PAIR HINGES	1-3/4"	HOLLOW CORE METAL DOOR & FRAME PAINT EXTERIOR SHTOOS, VAN DYKE BROWN SH-BL-GLOSS, INTERIOR SH-BLACK HANG'G, 6841 SH-BL-GLOSS
103 (RECEIVING)	B	8'-0"	1-3/4"	(1) STANLEY DOOR CLOSERS GDC011-684, (2) IVES 4" DOOR HOLDERS #4828-26-4 IF NOT FIRE RATED HALL, (3) PAIR HINGES	1-3/4"	FIRE RATED DOORS, SOLID CORE HOOD DOORS OR HOLLOW CORE METAL DOORS PAINTED SH-BLACK HANG'G, 6841 SH-BL-GLOSS
103B (RECEIVING EXTERIOR)	D	8'-0"	1-3/4"	(1) VON DUPRIN GUARD-X EXIT ALARM LOCK #2610-28, (1) VON DUPRIN GUARD-X DOUBLE DOOR STRIKE #2604, (1) DETEX DOUBLE DOOR HOLDER #D44-2820 TOP & BOTTOM, (2) STANLEY DOOR CLOSERS GDC011-684, (1) DOOR PULL #840-322-260-GRIP, (1) IVES HALL STOP #402-12B-282, (1) NATIONAL GUARD HD THRESHOLD #429-10-6-FT, (2) DOOR SWEEP, WEATHERSTRIPPING, (1) TORBEC-260-RM CYLINDER, (1/2) PAIR HINGES	1-3/4"	HOLLOW CORE METAL DOORS & FRAME INTERIOR PAINTED SH-BLACK HANG'G, 6841 SH-BL-GLOSS EXTERIOR PAINTED SHTOOS-WHITE BROWN SH-BL-GLOSS
104 (MEN'S RUM)	A	8'-0"	1-3/4"	(1) STANLEY STOREROOM LOCKSET QCL270-E-628-54-SC-KD - KEY #2, (1) STANLEY DOOR CLOSERS GDC011-684, (1) IVES HALL STOP #402-12B-282, (1) RESTROOM DOOR SIGNAGE (PER DETAIL ON SHEET A5), (1/2) PAIR HINGES	1-3/4"	SOLID CORE HOOD DOORS OR HOLLOW CORE METAL DOORS & FRAME PAINTED SH-BLACK HANG'G, 6841 SH-BL-GLOSS
105 (WOMEN'S RUM)	A	8'-0"	1-3/4"	(1) STANLEY STOREROOM LOCKSET QCL270-E-628-54-SC-KD - KEY #2, (1) STANLEY DOOR CLOSERS GDC011-684, (1) IVES HALL STOP #402-12B-282, (1) RESTROOM DOOR SIGNAGE (PER DETAIL ON SHEET A5), (1/2) PAIR HINGES	1-3/4"	SOLID CORE HOOD DOORS OR HOLLOW CORE METAL DOORS & FRAME PAINTED SH-BLACK HANG'G, 6841 SH-BL-GLOSS
106 (STOREFRONT)	E	8'-0"	1-3/4"	BY DOOR MANUFACTURER TO BE RE-KEYED BY DOLLAR GENERAL AREA MANAGER WITH (1) ILCO RHM CYLINDER #10866A-260.	NS	2'-0" SH-PT METH TRANSOM AND HINDOCS, BRONZE FINISH



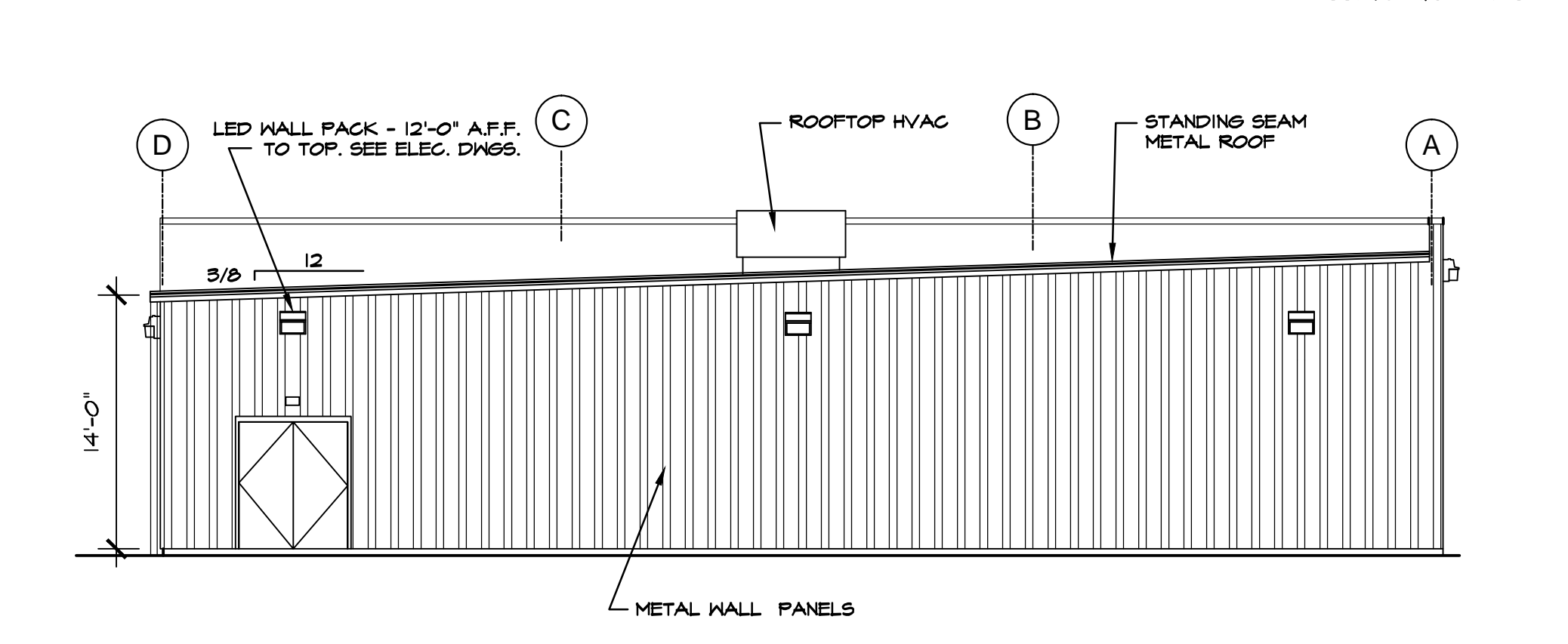
LEFT SIDE ELEVATION



RIGHT SIDE ELEVATION

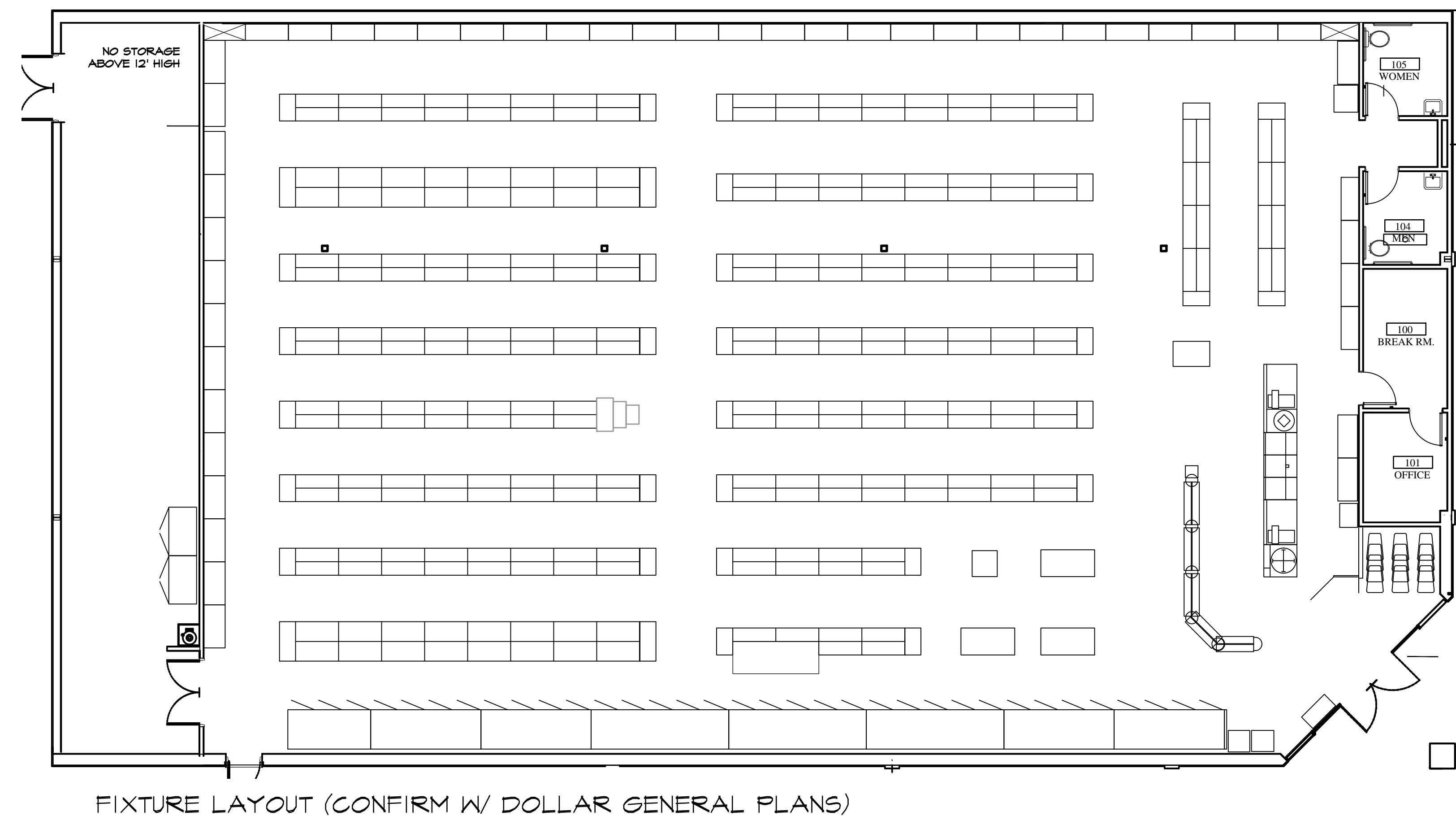
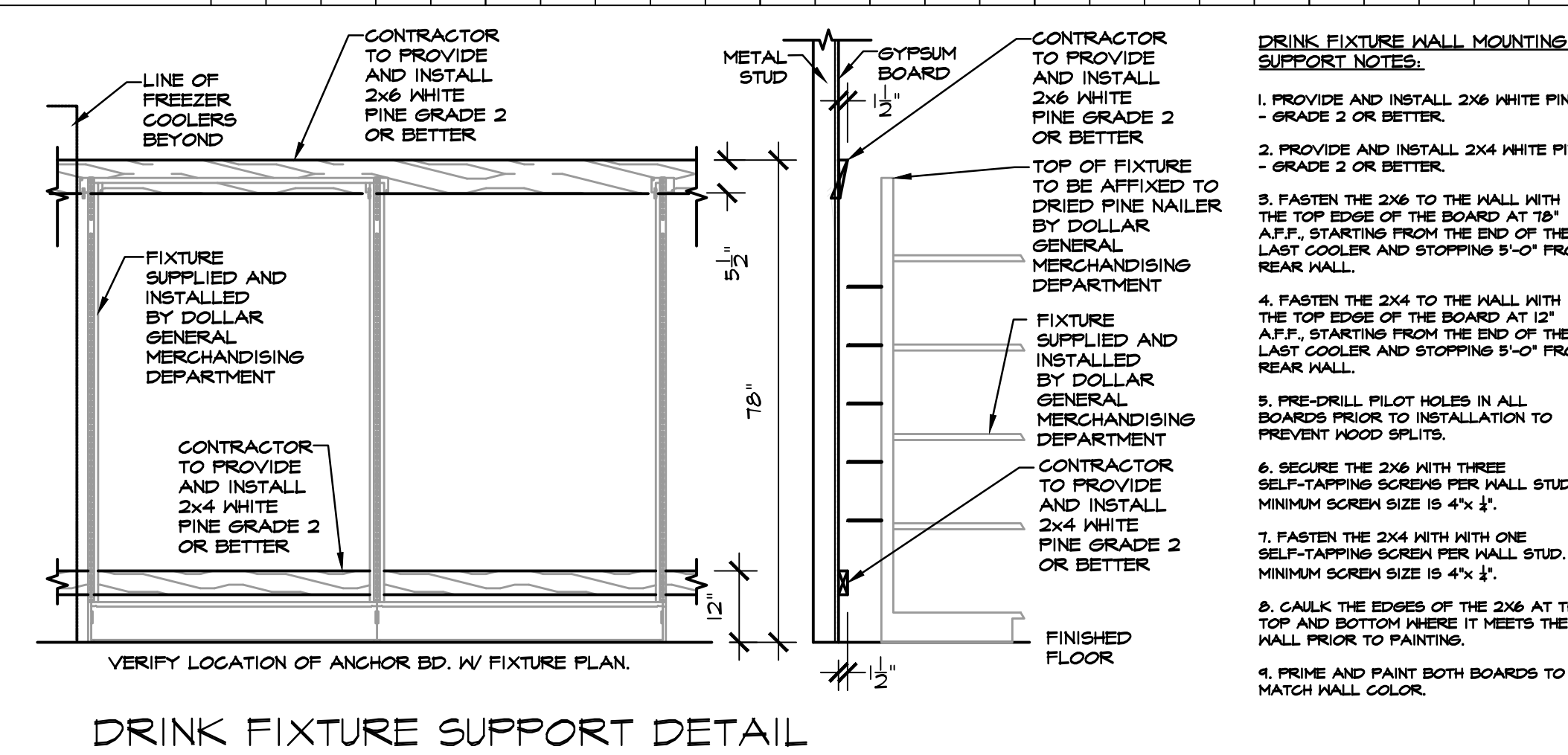


FRONT ELEVATION (STREET FACE)



REAR ELEVATION

PRE-ENGINEERED METAL BUILDING VENDOR	VP BUILDINGS ATTN: DAVID ENGLISH (801) 748-6103	STAR BUILDING SYSTEMS ATTN: JEFF HORN (866) 664-8899	NUCOR BUILDING SYSTEMS ATTN: BOB BARRY (313) 622-4440 (262) 837-7891	BIG BEE STEEL BUILDINGS, INC. ATTN: KEVIN BUSLER (800) 653-3378	CHIEF BUILDINGS ATTN: ERIN SULLIVAN (303) 395-4623 (303) 390-8199																				
EXTERIOR FINISHES	COOL EGYPTIAN WHITE	PATRIAN BRONZE KYNARK 500	BRONZE	COOL COTTON WHITE	GALVALUME	LIGHTSTONE	MEDIUM BRONZE KYNARK 500	BRONZE	POLAR WHITE	GALVALUME	LIGHTSTONE	MEDIUM BRONZE KYNARK 500	BRONZE	POLAR WHITE	GALVALUME	SANDSTONE	BURNISHED SLATE	BRONZE	POLAR WHITE	GALVALUME	PARCHEMENT	ANTIQUE BRONZE	BRONZE	POLAR WHITE	GALVALUME
EXTERIOR FINISHES ARE TO MATCH OR BE EQUAL TO VP METAL BUILDING SYSTEMS FINISH SELECTION.																									
GUTTERS																									
DOWN SPOUTS																									
SIDE AND REAR METAL WALL PANELS & TRIM, RECEIVING & EMERGENCY EXIT DOORS																									
BRICK VENEER																									
FLAT METAL SOFFIT AT STOREFRONT VESTIBULE AREA																									
BUILDING PARAPET WALL AND CANOPY																									
STOREFRONT SYSTEM																									
STANDING SEAM METAL ROOF PANELS																									
LINER PANELS (INTERIOR SALES FLOOR)																									



FIXTURE LAYOUT (CONFIRM W/ DOLLAR GENERAL PLANS)



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 805 North Fourth Street
 Wilmington, NC 28401
 Phone: 910.251.8899
 Facsimile: 910.251.9889

WILSON OFFICE
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 STORE # 22524
 RAY ROAD
 SPRING LAKE, NORTH CAROLINA

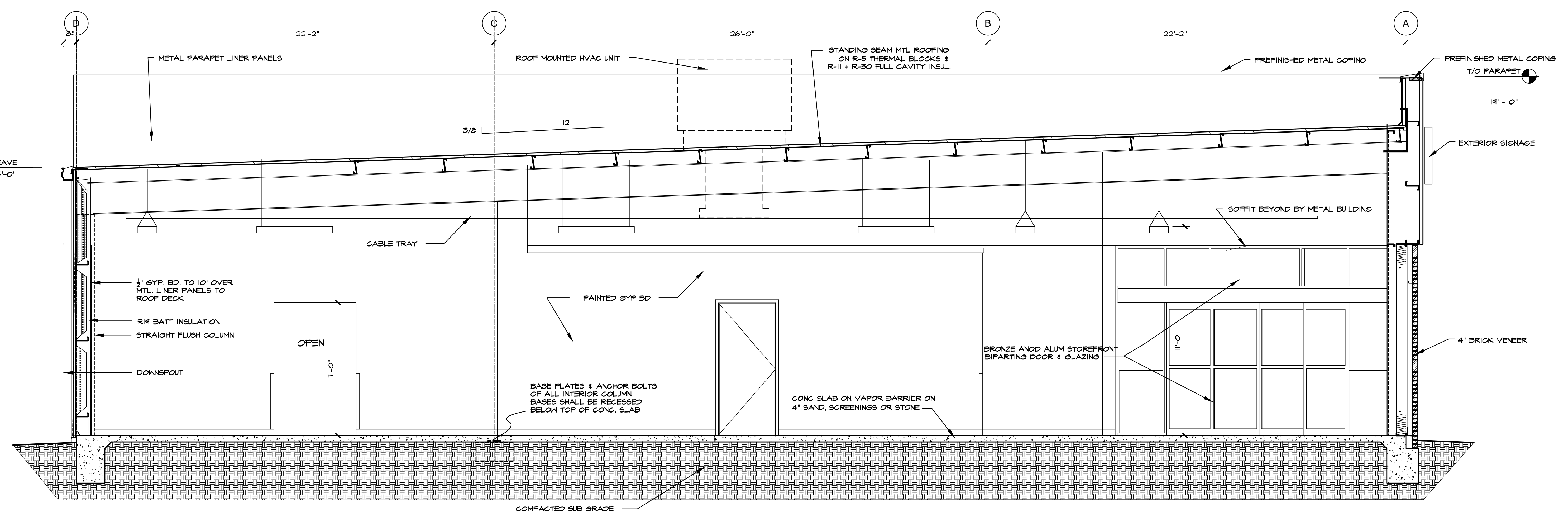
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 MAH
 DATE
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SHEET NUMBER
A-2
 OF



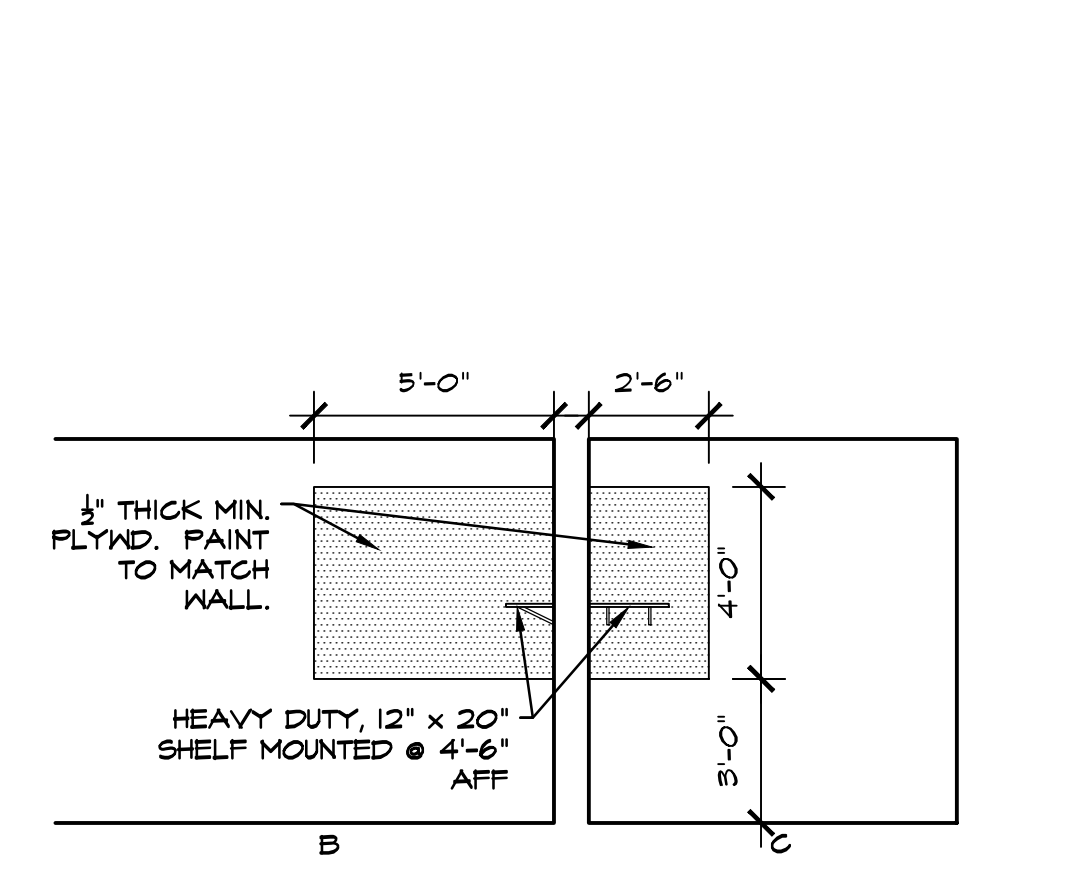
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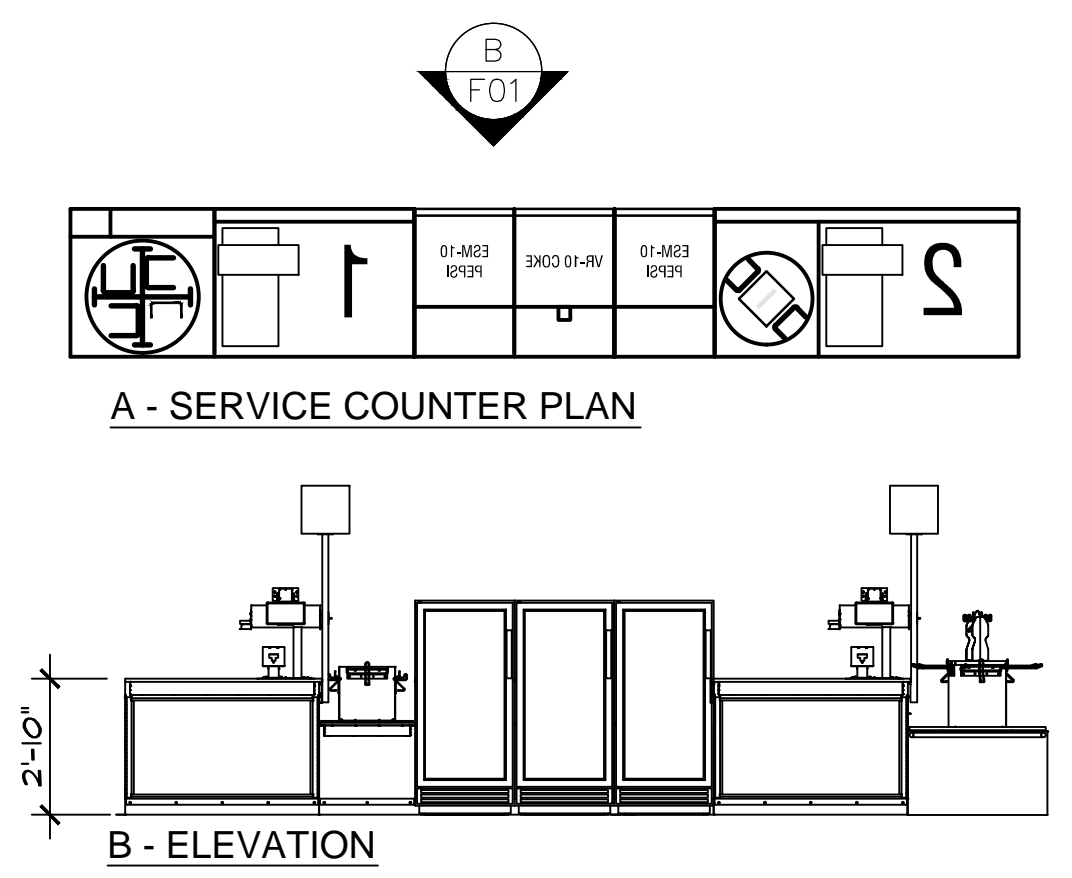
301 BUILDING SECTION

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



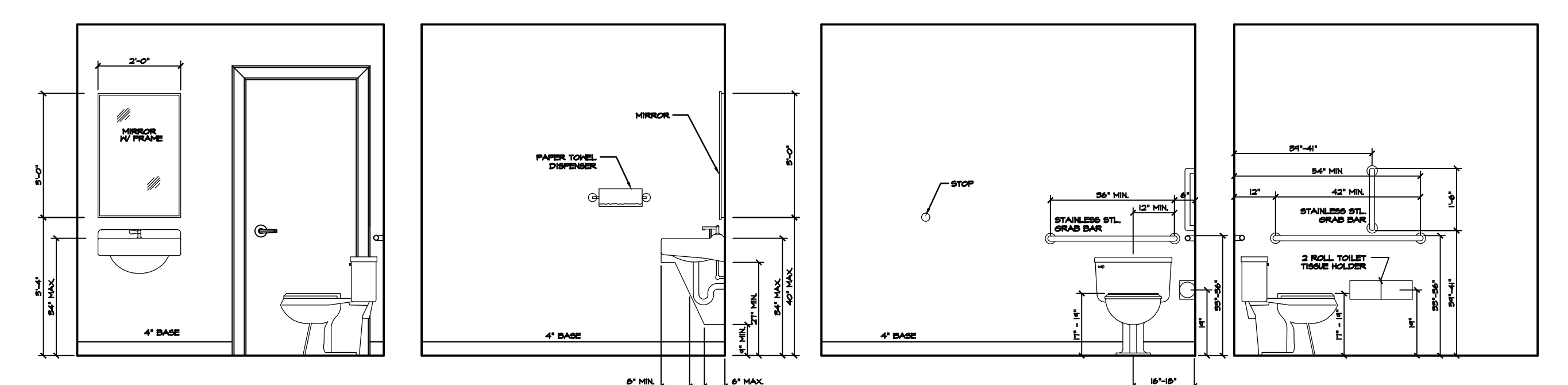
OFFICE WALL EQUIPMENT PANELS

SCALE: 1/4" = 1'-0"



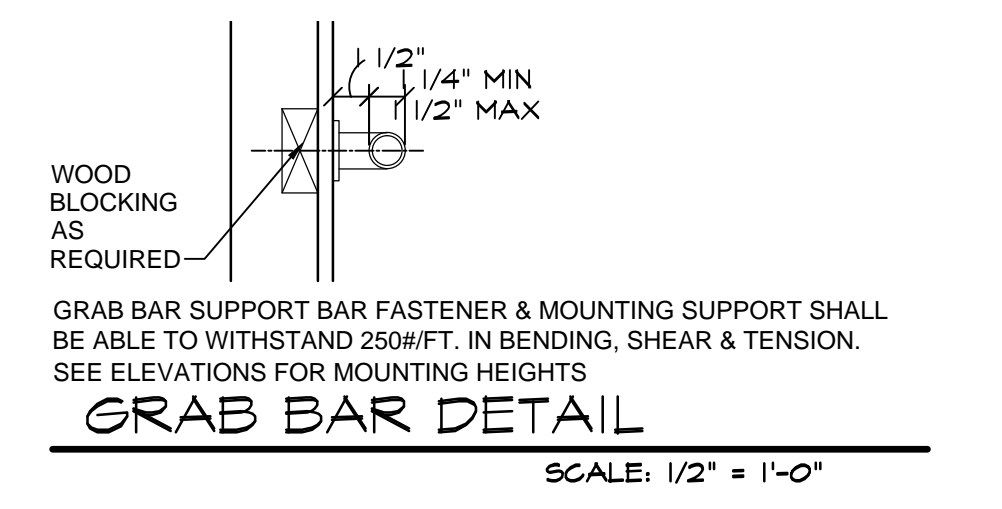
SERVICE COUNTER DETAILS

SCALE: 1/4" = 1'-0"



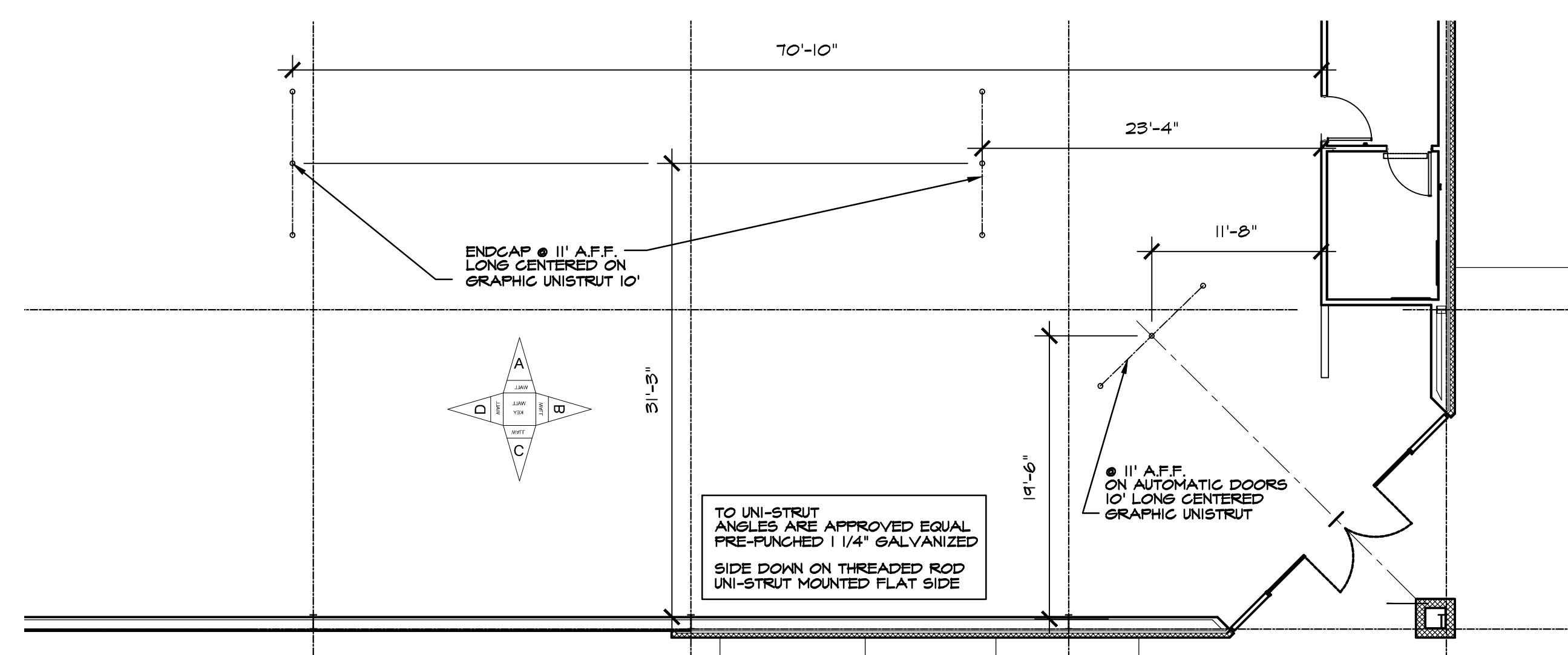
RESTROOM ELEVATIONS

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



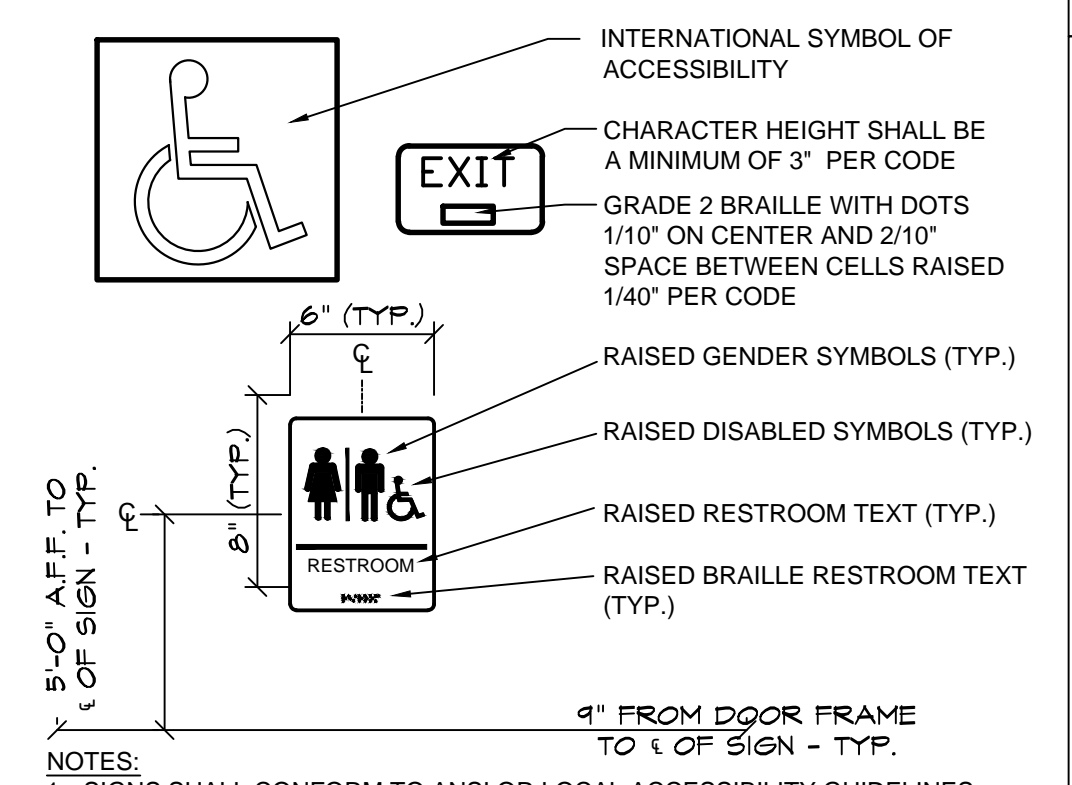
GRAB BAR DETAIL

SCALE: 1/2" = 1'-0"



UNI-STRUT LAYOUT FOR SIGNAGE

SCALE: 1/8" = 1'-0"



ACCESSIBLE SIGNAGE

SCALE: 1/2" = 1'-0"

TOILET ROOM ACCESSORIES		DOOR HARDWARE	
B2740	BOBRICK DOUBLE TOILET TISSUE DISPENSER	54-US32D	BURNS PUSH PLATE
B253	BOBRICK PAPER TOWEL DISPENSER	5410-32D-26D-GRIP	BURNS PULL PLATE
A-24x36	GAMCO 24" x 36" ANGLE FRAME MIRROR	B2DDH-2250 **	DETEX DOUBLE DOOR
150Sx36	GAMCO 1 1/2" X 36" GRAB BAR	DS1000/MB	DOOR SCOPE (FORE RECEIVING EXIT DOOR)
150Sx42	GAMCO 1 1/2" X 42" GRAB BAR	608Z	8" DOOR HOLDER
150Sx18	GAMCO 1 1/2" X 18" GRAB BAR	770SAV-3FT	3 FT DOOR SWEEP
MS-1	GAMCO MOP HOLDER	770SAV-4FT	4 FT DOOR SWEEP
		W101S-DANE-626	FALCON PASSAGE LOCK SET
		W581PD-DANE-626	FALCON STOREROOM LOCKSET
		5400	HAGER DOOR CLOSER
		7015SC8-26D*	ILCO RIM CYLINDER
		402-1/2B-26D	3IVES WALL STOP
		425B26D-4	IVES 4" DOOR HOLDER
		8400-S32D-8X34	FALCON PASSAGE LOCK SET
		425 HD - 6FT	NATIONAL GUARD HD THRESHOLD (FOR RECEIVING EXIT DOOR)
		TA3310PC	TACO DOOR VIEWER
		2670-28	VON DUPRIN GUARD-X EXIT ALARM LOCK
		2609 **	VON DUPRIN GUARD-XDOUBLE DOOR STRIKE
		892SAV-84INCH	WEATHERSTRIPPING

TOILET ROOM NOTES:

- ALL TOILET ROOM ACCESSORIES PROVIDED BY BASS SECURITY. REFER TO T01 FOR VENDOR CONTACT.
- ALL STORES MUST INCLUDE 2 REST ROOMS, EVEN WHEN NOT REQUIRED BY CODE. ANY VARIATION MUST BE APPROVED, IN WRITING, BY THE DOLLAR GENERAL CONSTRUCTION DEPARTMENT.
- RESTROOMS MUST COMPLY WITH ALL BUILDING (FEDERAL, STATE, AND LOCAL) FIRE, AND HEALTH DEPARTMENT CODES. ADA REQUIREMENTS MUST ALSO BE MET IN BOTH RESTROOMS. SOME CODES MAY REQUIRE ADDITIONAL TOILETS OR LAVATORIES. PLEASE CONTACT DOLLAR GENERAL CONSTRUCTION DEPARTMENT FOR ALTERNATE PLANS FOR THESE SITUATIONS.
- PROVIDE AND INSTALL 2'x3' MIRROR (OR LARGER IF REQUIRED BY CODE).
- CONTRACTOR TO INSTALL SOAP DISPENSERS, TOILET PAPER HOLDERS, DOOR CLOSER, EXHAUST FANS, AND ALL BASS SECURITY PARTS IN BOTH RESTROOMS. PROVIDE SOLID BLOCKING IN WALL FOR SUPPORT.

DOOR HARDWARE NOTES:

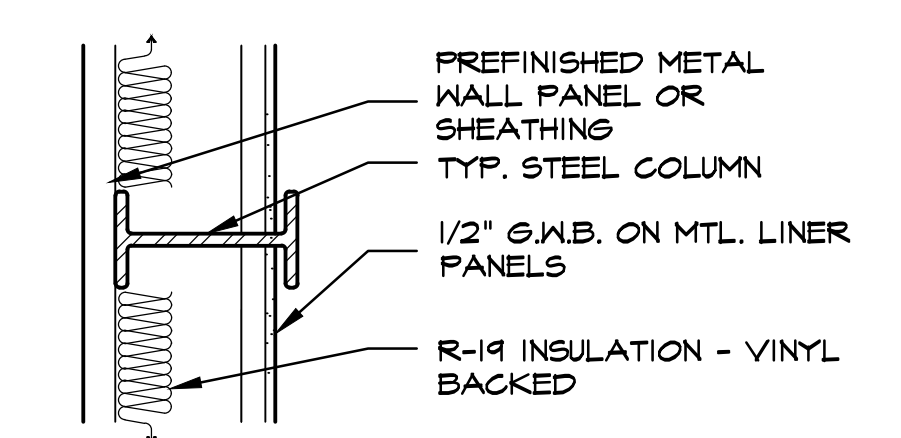
- ALL DOOR HARDWARE PROVIDED BY BASS SECURITY. REFER TO T01 FOR VENDOR CONTACT.

DOLLAR GENERAL
 STORE # 22524
 RAY ROAD
 SPRING LAKE, NORTH CAROLINA

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 REVISIONS
 6/10/21 - CLIMATE ZONE

SHEET NUMBER

A-3
 OF



405 DETAIL @ COLUMN
SCALE: 1" = 1'-0"



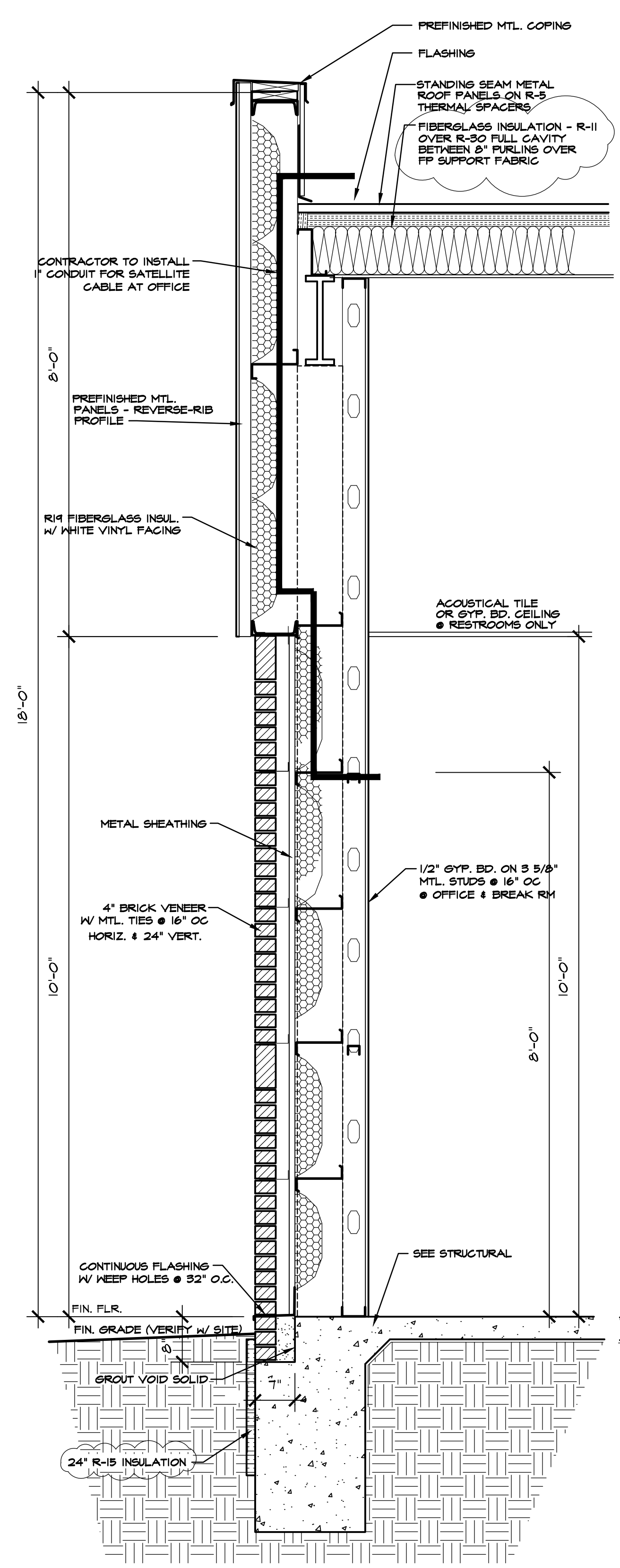
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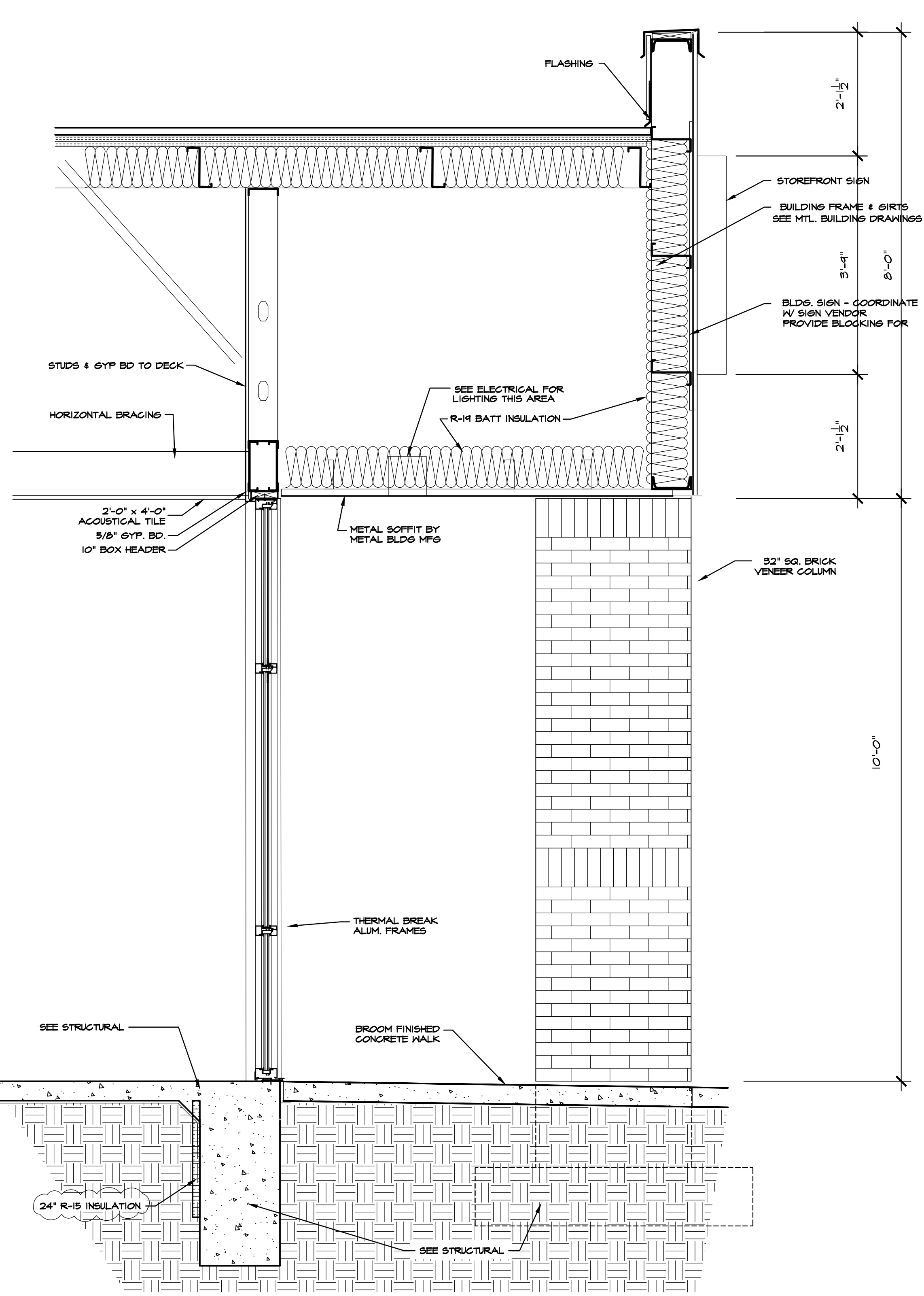
DOLLAR GENERAL
 STORE # 22524
 RAY ROAD
 SPRING LAKE, NORTH CAROLINA

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 REVISIONS
 6/10/21 - INSULATION

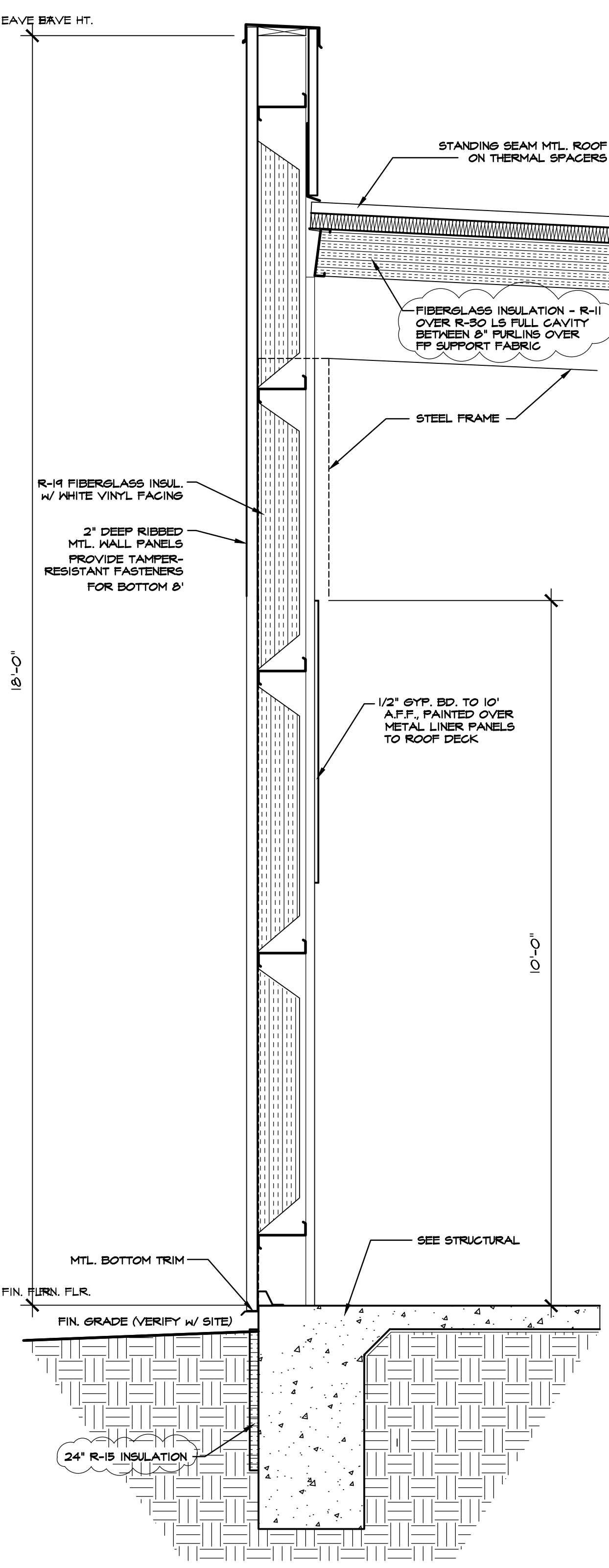
SHEET NUMBER
A-4
 OF



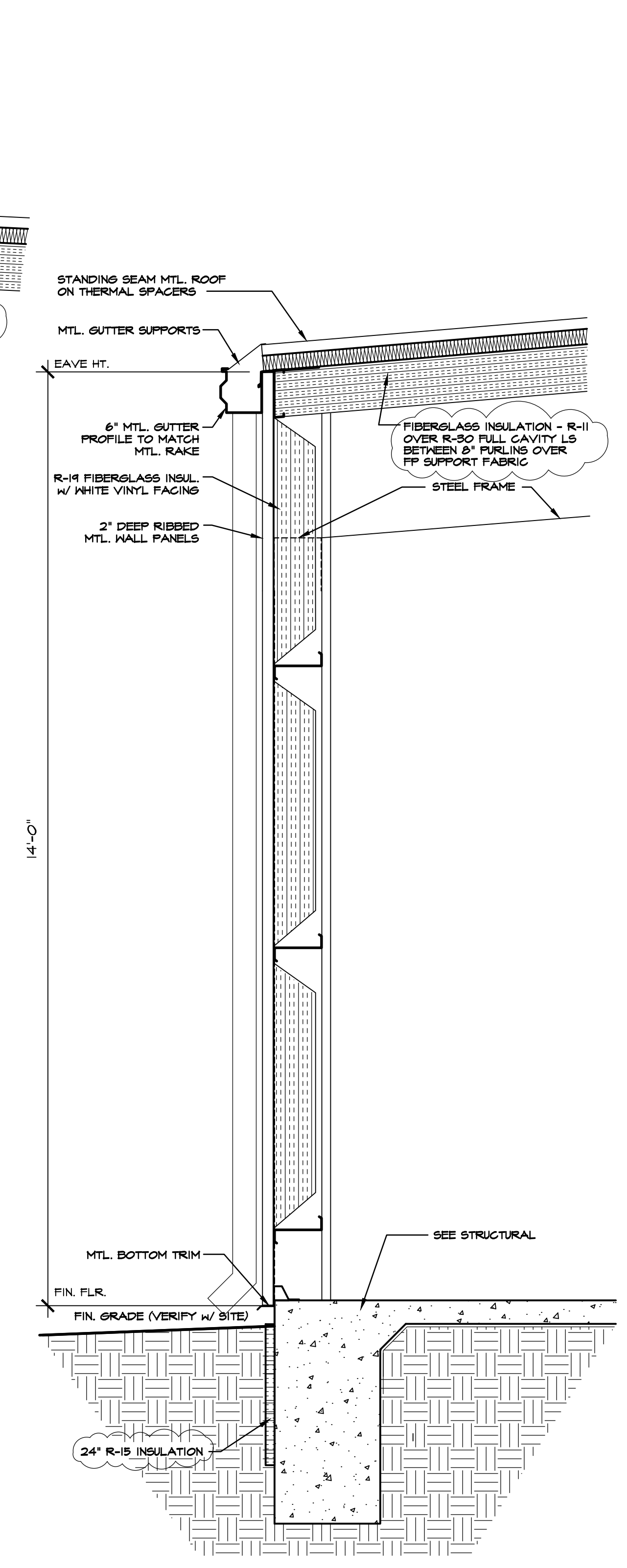
401 WALL SECTION @ FRONT WALL
SCALE: 3/4" = 1'-0"



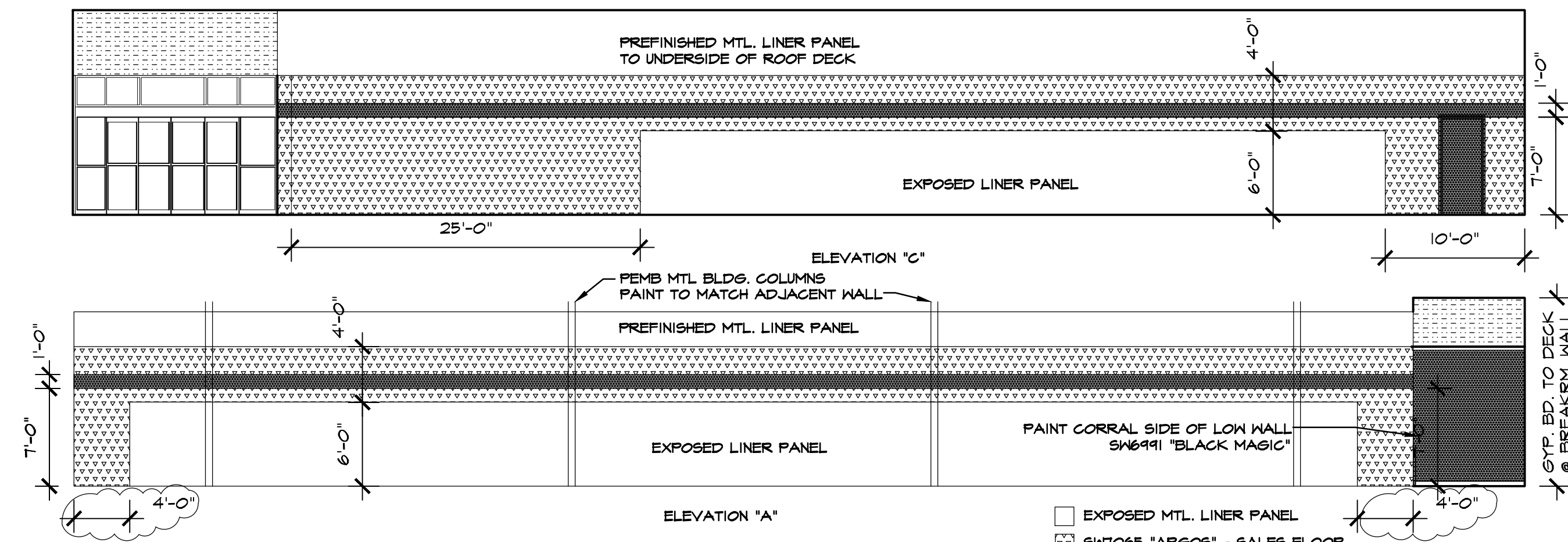
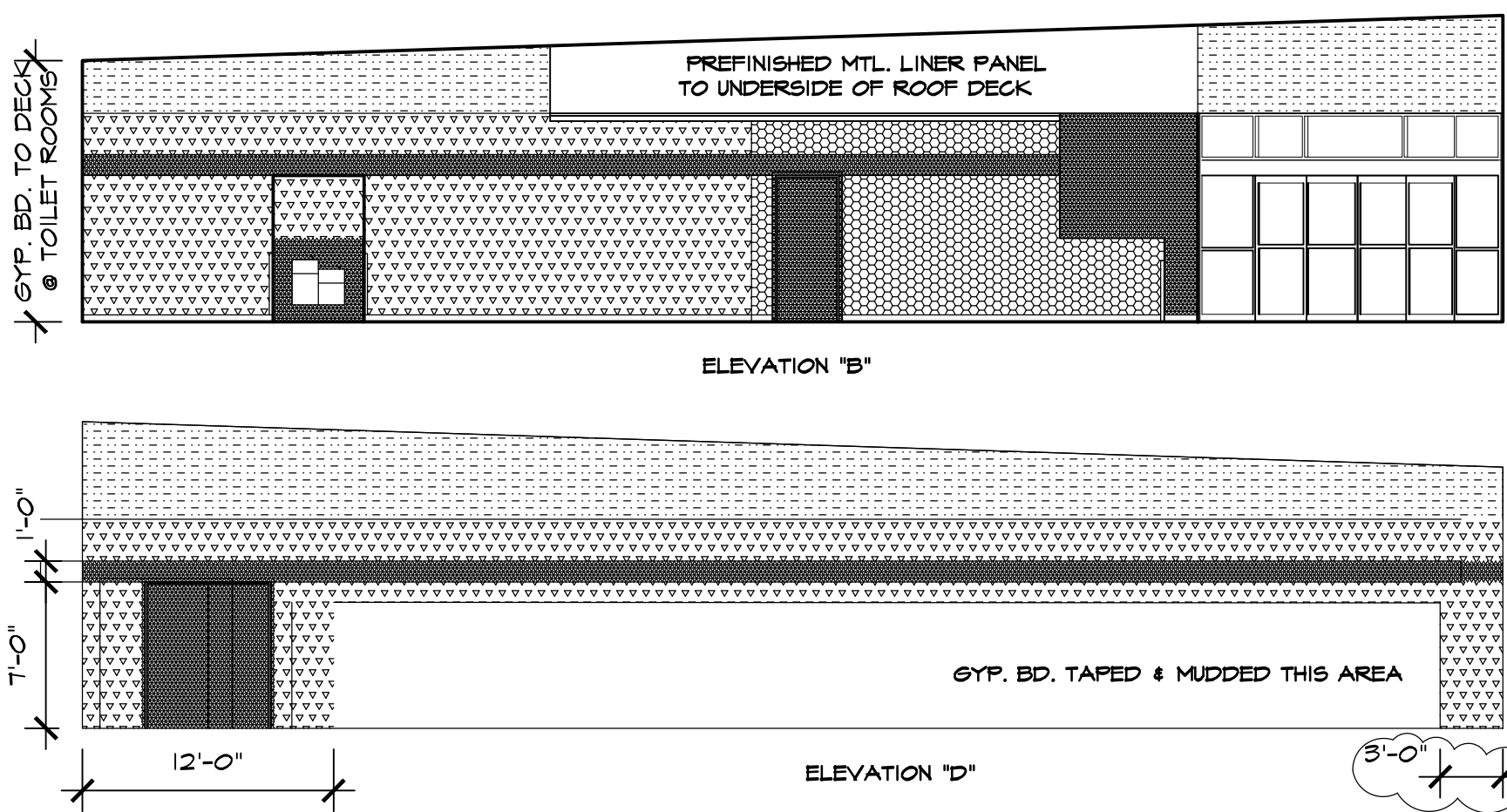
402 WALL SECTION @ ENTRY
SCALE: 3/4" = 1'-0"



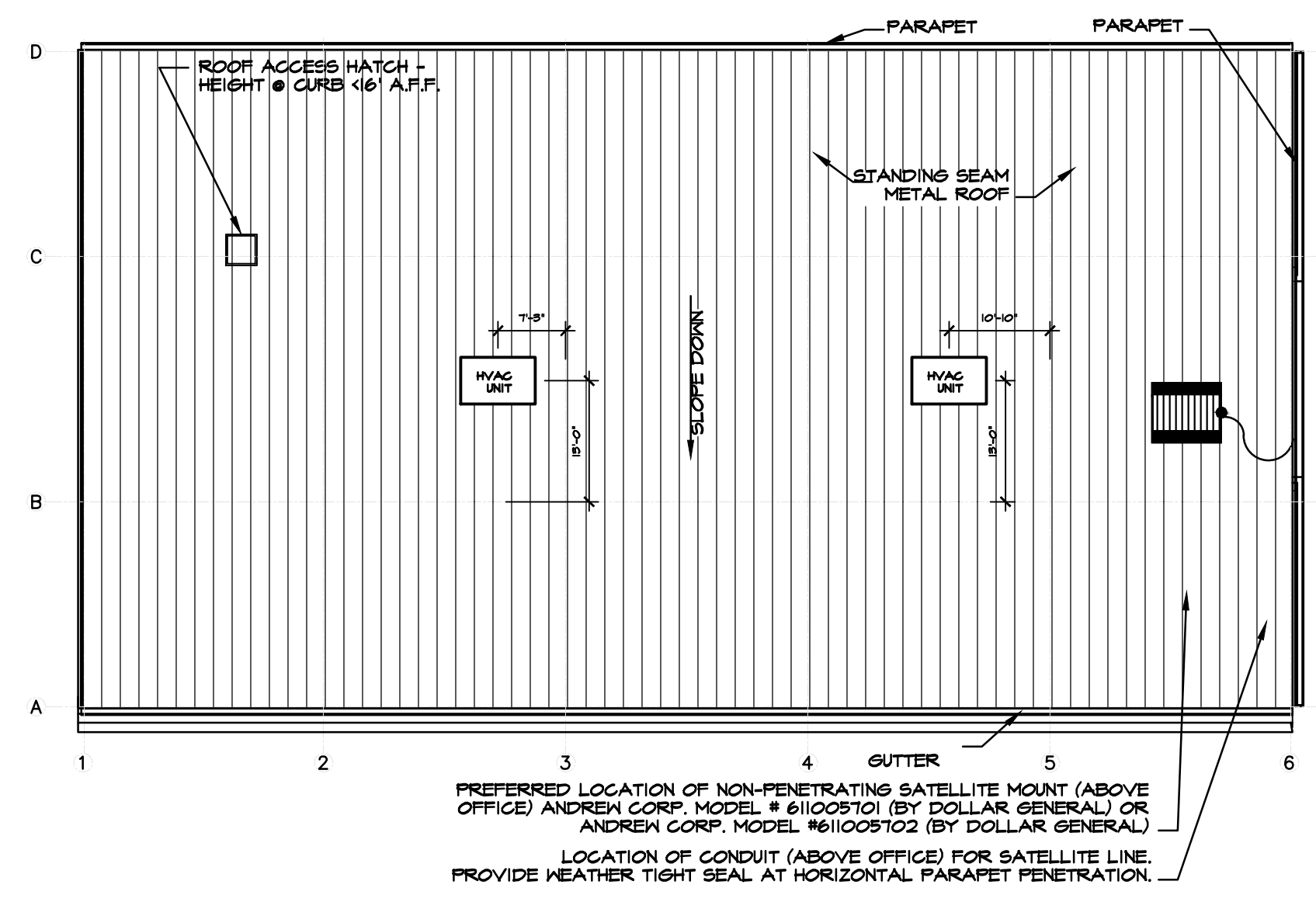
403 WALL SECTION RIGHT SIDE WALL
SCALE: 3/4" = 1'-0"



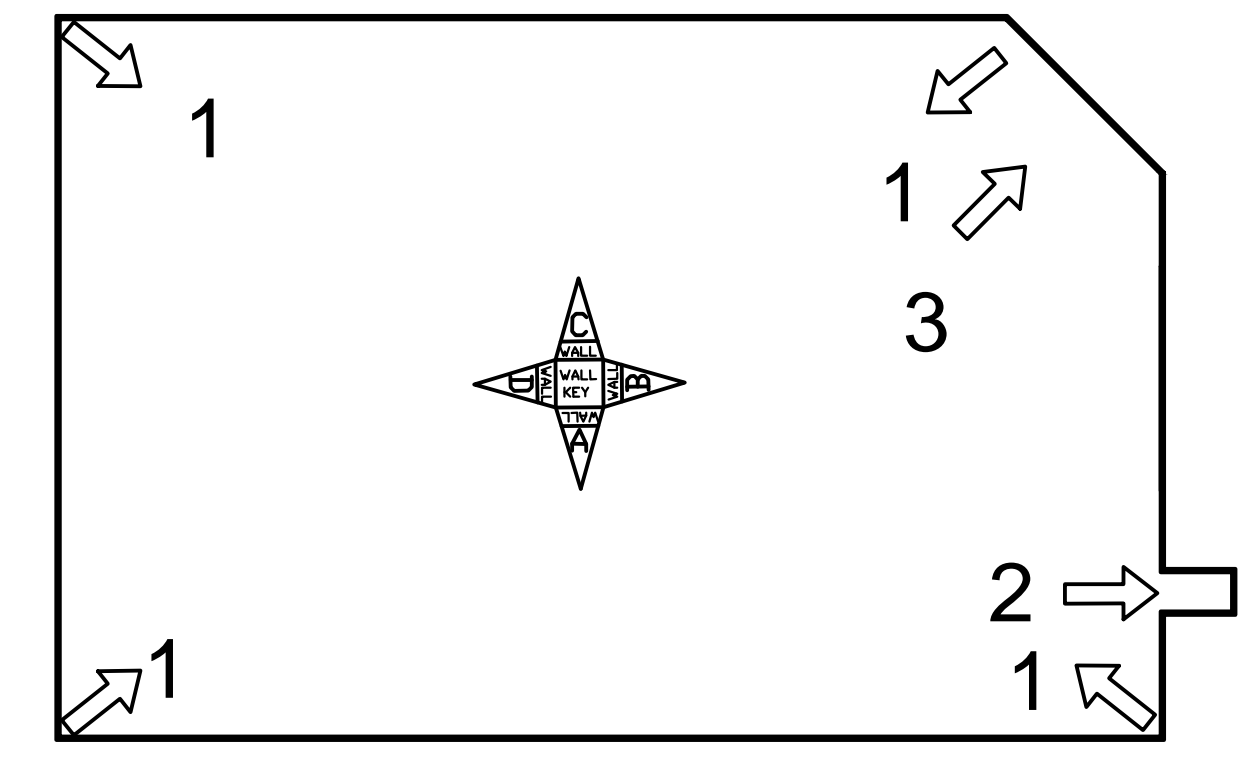
404 WALL SECTION LEFT SIDE WALL
SCALE: 3/4" = 1'-0"



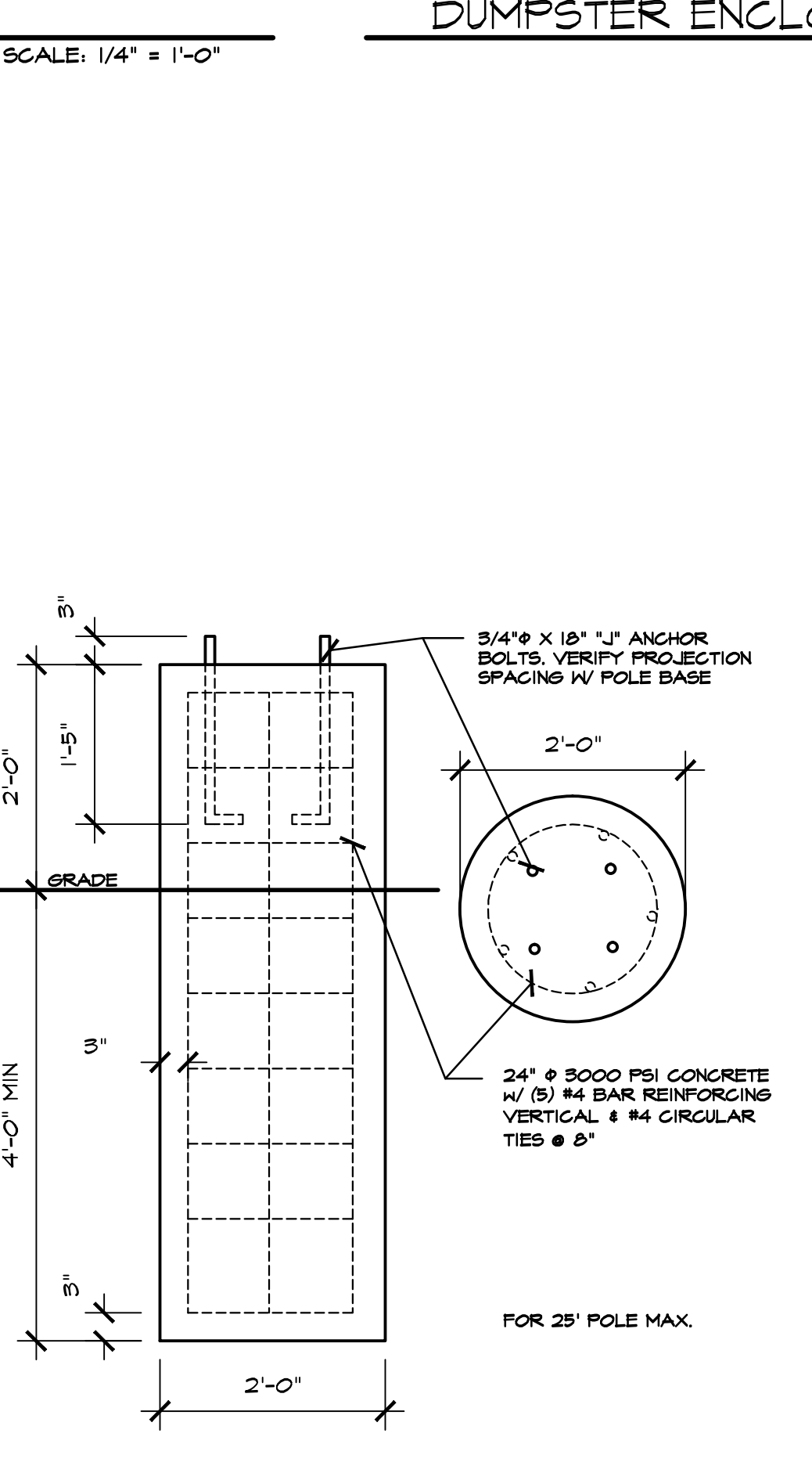
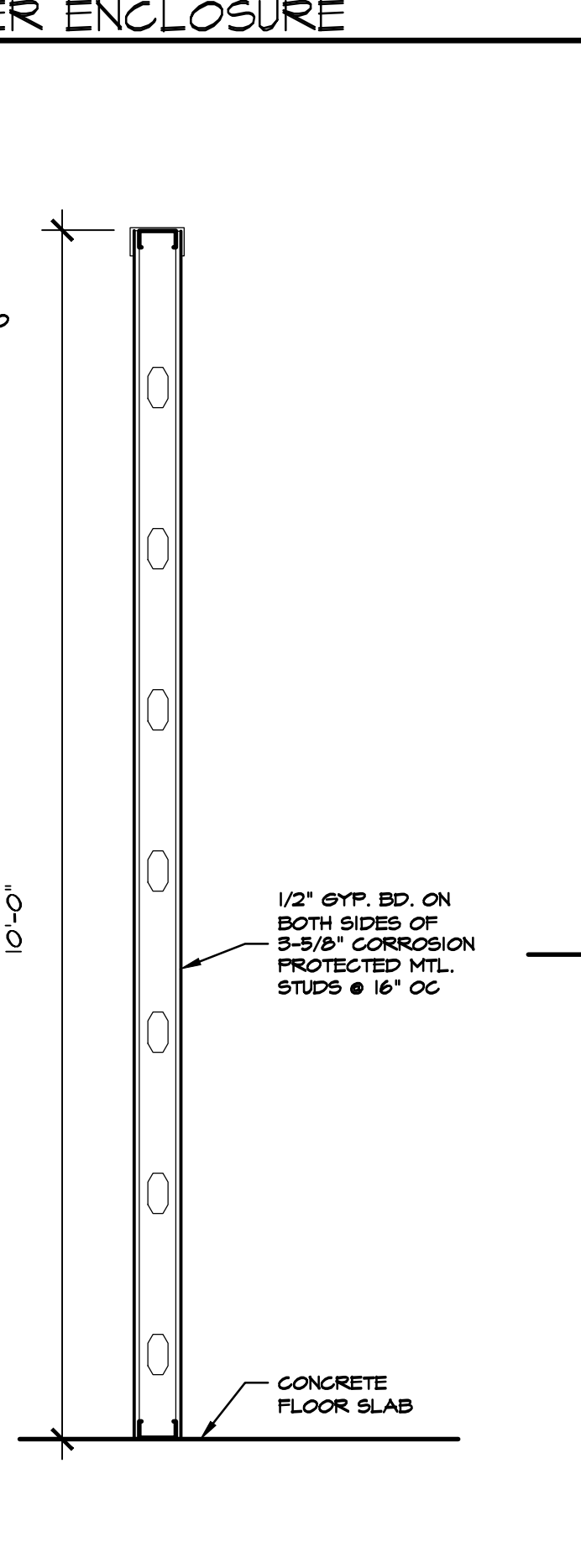
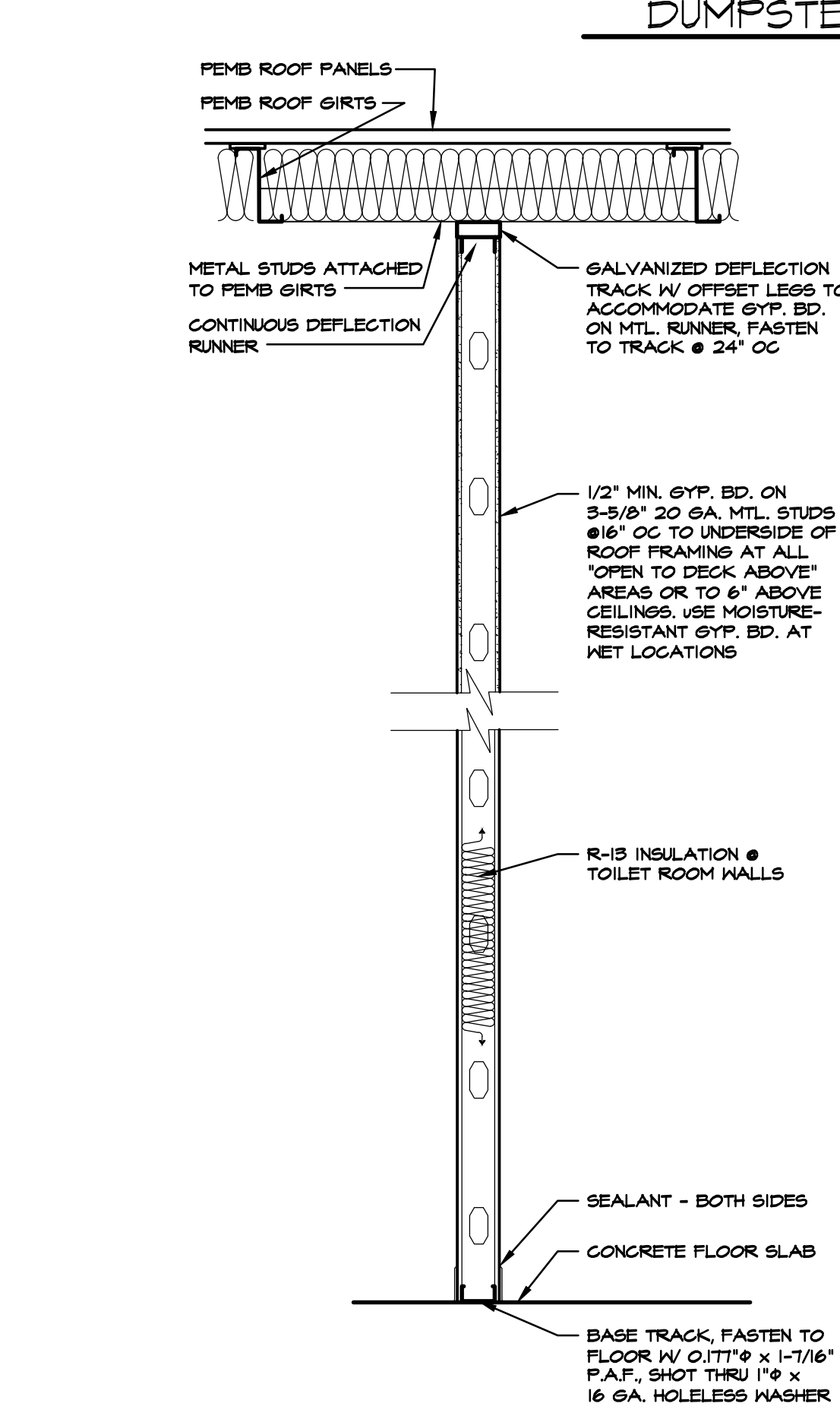
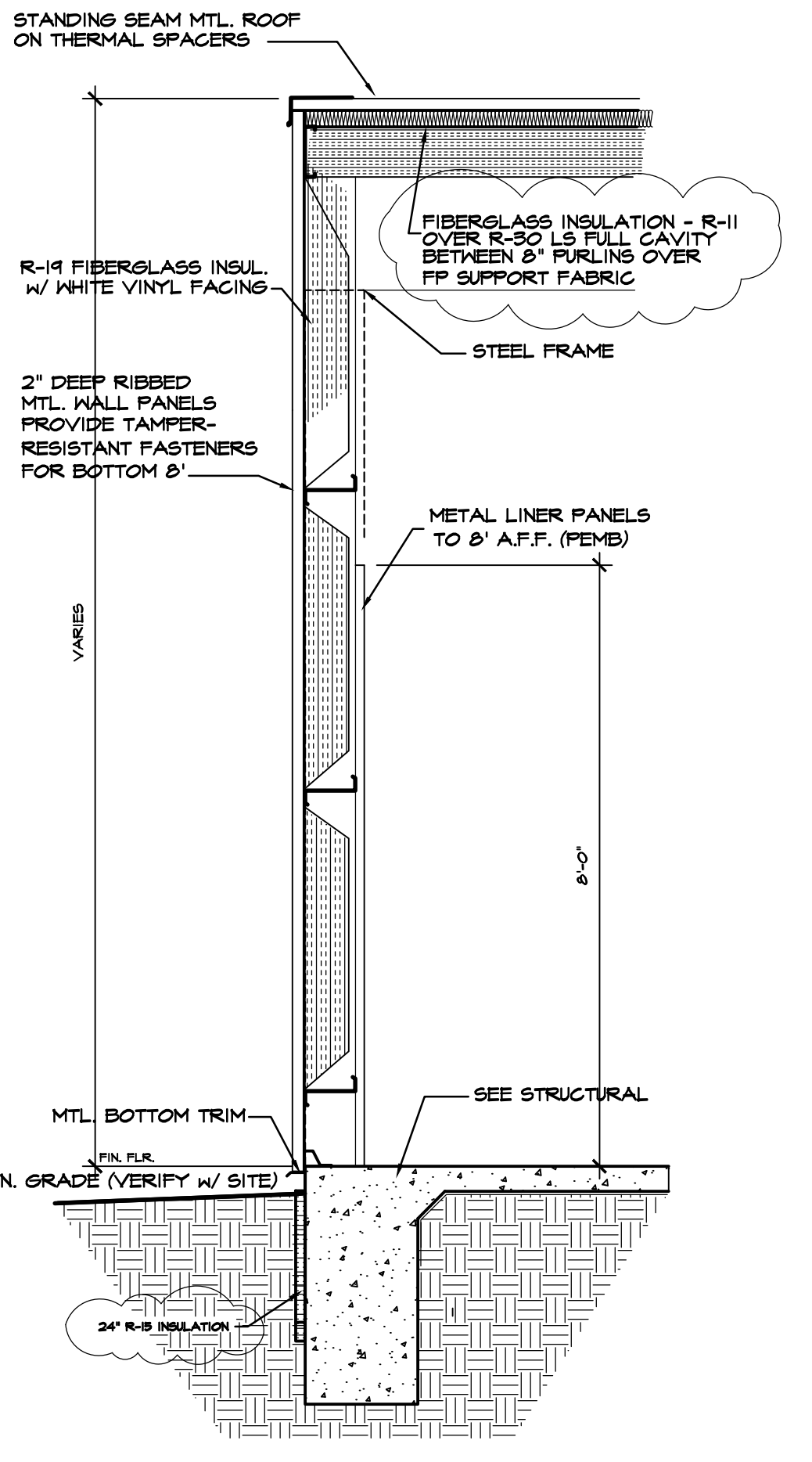
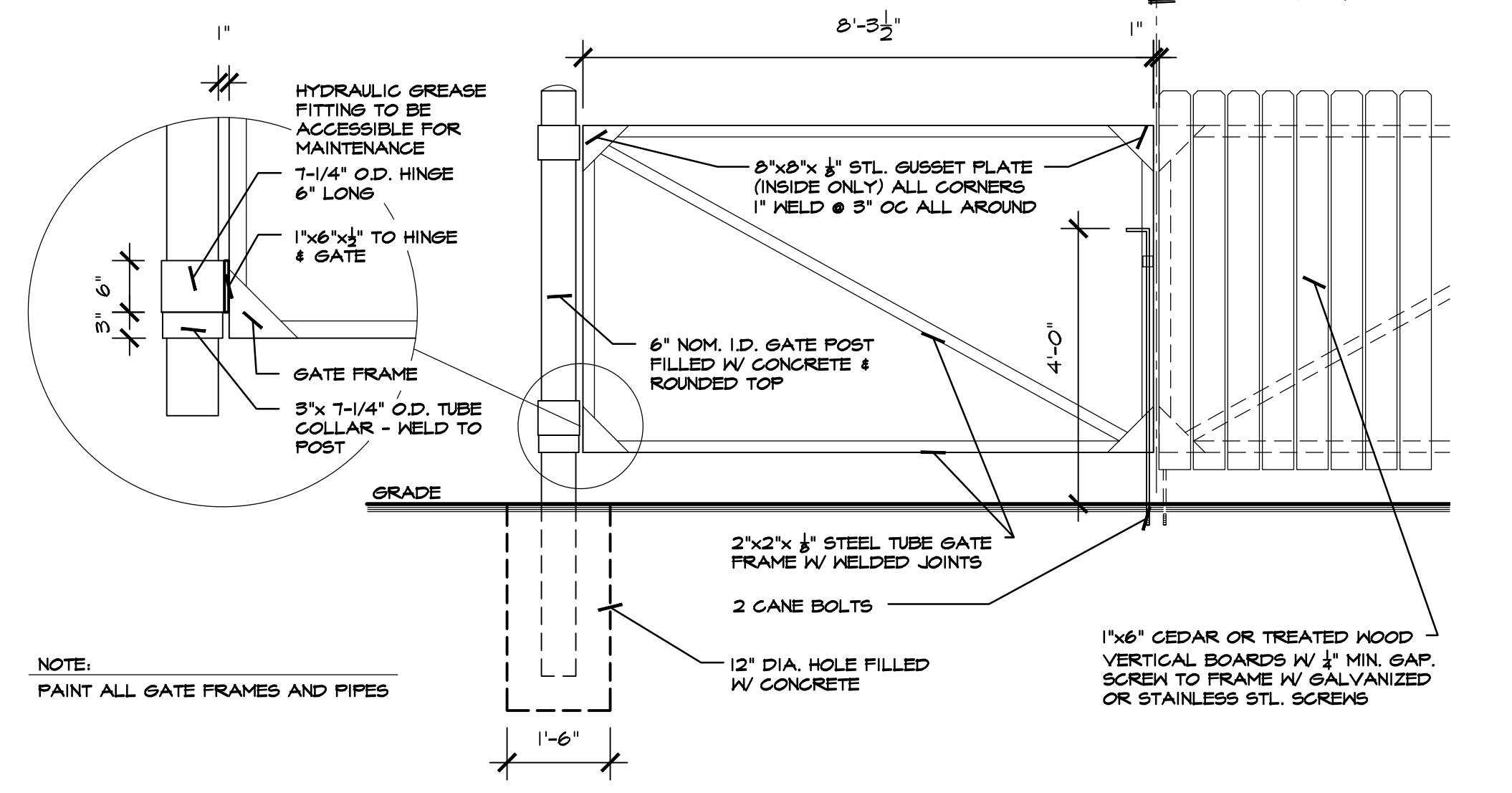
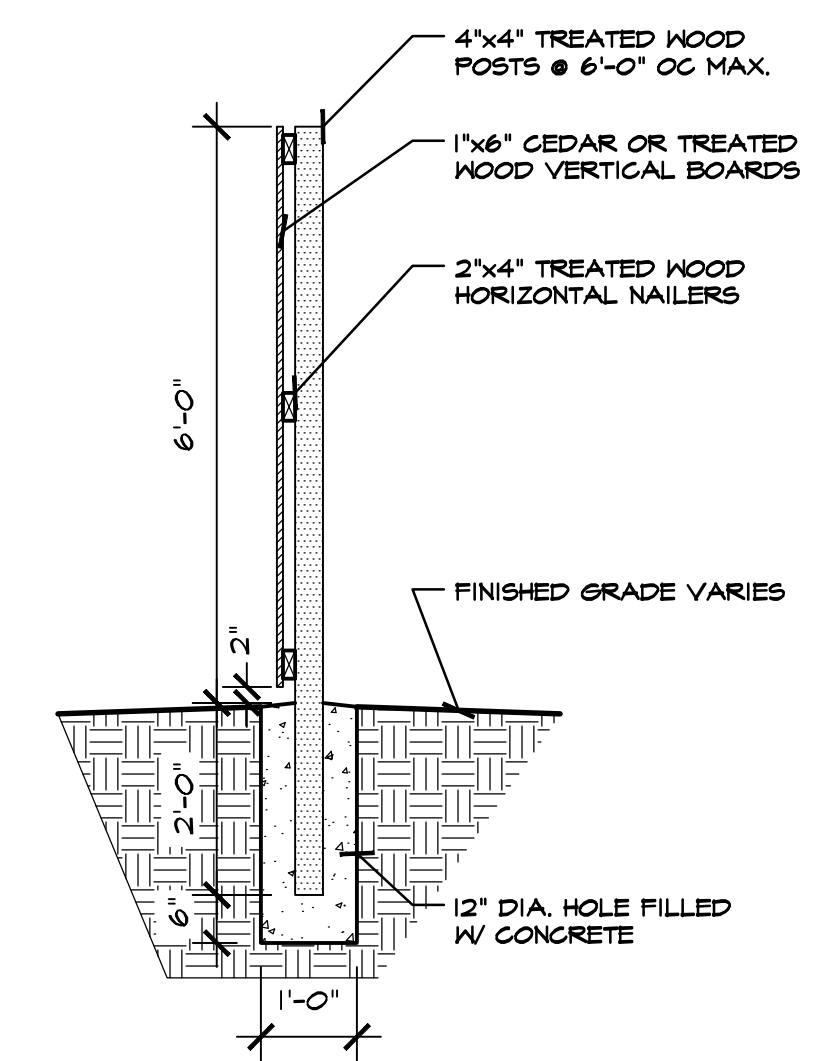
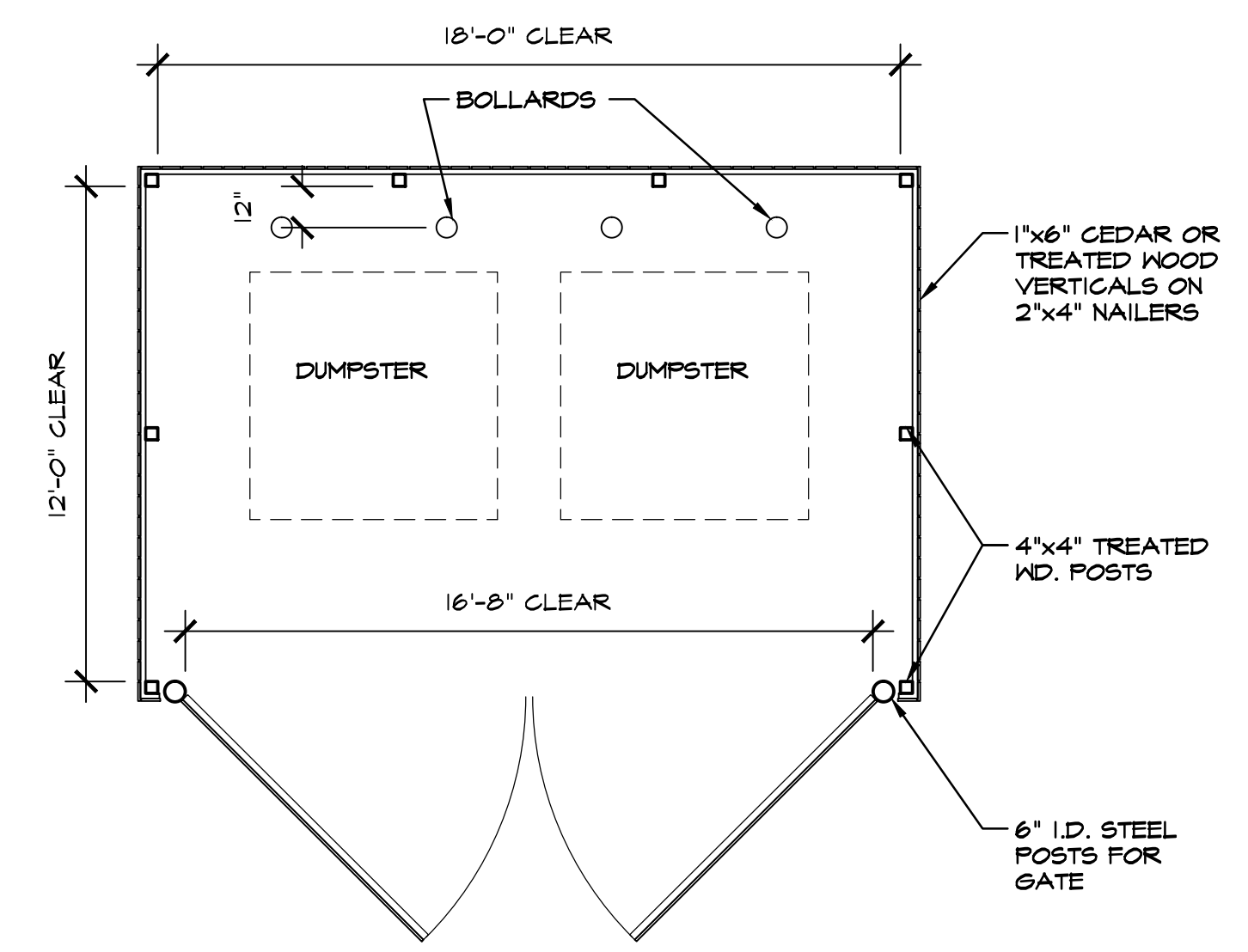
- EXPOSED MTL. LINER PANEL
- ▨ SNT065 "ARGOS" - SALES FLOOR
- ▩ SW6910 "DAISY" YELLOW
- SW6991 "BLACK MAGIC" - OPEN CART CORRAL
- SNT005 "PURE WHITE"



PAINTING DIAGRAM HOLD ON INTERIOR FINISHES UNTIL FURTHER NOTICE



- REQUIRED PHOTOS**
- The following layout shows the required photos to be taken at completion. (make sure the overhead lights are on for your photos)
- From each corner of the stockroom, facing the opposite corner.
 - Hall (in side entrance stores, one picture from each end of the hall)
 - Standing 10' from the entrance facing the entrance.



501 WALL SECTION REAR WALL SCALE: 3/4" = 1'-0"
 502 TYPICAL PARTITION SCALE: 3/4" = 1'-0"
 503 OFFICE WALL SCALE: 3/4" = 1'-0"
 504 LIGHT POLE FOOTING SCALE: 3/4" = 1'-0"

REQUIRED NATIONAL ACCOUNT VENDORS:

COMPANY	CONTACTS	PHONE #	REQUIRED ITEMS
RAINBIRD IRRIGATION	LOCAL RAINBIRD DISTRIBUTOR	www.rainbird.com	IRRIGATION SYSTEMS
EUGLID CHEMICAL COMPANY	PHIL BRANDT	811-458-3826 PBrandt@euglidchemical.com	CONCRETE POLISHING SYSTEMS
RETROPLATE SYSTEMS	SCOTT MAXFIELD	888-641-6746 smaxfield@retroplatesystem.com	CONCRETE POLISHING SYSTEMS
ASSA ABLONY ENTRANCE SYSTEMS	ROSS MERKELL	604-526-2880 dollargeneral@assabloy.com	AUTOMATIC DOORS AND STORE FRONT GLAZING SYSTEM
COOK & BOARDMAN GROUP	JOE HARRELL	336-831-0673 nationalsales@cookandboardman.com	INTERIOR DOORS & FRAMES & RESTROOM ACCESSORIES
SHERWIN WILLIAMS	LOCAL SHERWIN WILLIAMS STORE		PAINT, PRIMER, CONCRETE SEALER AND BLOCK FILLER
MC CUE CORPORATION	KEVIN ONEAL	678-492-4026 konell@mc cuecorp.com	TRIM KIT, BUMPER GUARDS, CART STOP
CARRIER	HASAN KHALIL BOB ECKHOLLER	413-222-6742 hasankhalil@carrier.com bob.eckholler@carrier.com	HVAC UNITS
ROOF CURB SYSTEMS	CLIFTON REASOR	800-683-5848 gsmth@roofcurb.com	RTU CURB
CURBS PLUS INC.	ALLAN THRAILKILL	888-634-2872 allan.thrailkill@curbs-plus.com	RTU CURB
KCC INTERNATIONAL INC.	GREG CONRAD	800-382-2872 dollargeneral@neohomeelectric.com	RTU CURB
NESCO	CHRIS TRACY	800-244-6980	ELECTRICAL SWITCH GEAR
LEDS	MICHAEL STRINGER KYLE KNAPP	420-415-4010 dgoners@leds-llc.com	ELECTRICAL LIGHTING SUPPLIES
D&P CUSTOM LIGHTING	NATIONAL ACCOUNT SALES	800-251-2200	CUSTOM POWER POLES
ASP	CHRIS RUDNITSKI	828-624-1046 crudniski@asd-usa.com	LOW VOLTAGE & VOICE/DATA
GRAYBAR	JEROME BAINISTER	615-745-5202 ext. 615-424-2189 cell dollargeneral@graybar.com	CABLE TRAY
EMERSON CLIMATE TECHNOLOGIES	http://dollargeneralbid.ecsolutions.net		EMS SUPPLIER NOTE: CUSTOMIZED DOLLAR GENERAL EMS PANEL REQUIRES STORE # CITY, STATE, ZIP CODE & QTY. OF HVAC UNITS OF THE INSTALL SITE WHEN ORDERING.
STANLEY CONVERGENT SECURITY SOLUTIONS	DAN GOLDSMITH	740-862-2051	INTERIOR FIRE ALARM PANELS

REQUIRED NATIONAL ACCOUNTS FOR ENGINEERING & CONSTRUCTION MATERIAL TESTING

COMPANY	CONTACTS	PHONE #	REQUIRED ITEMS
ATC ASSOCIATES, INC.	LESLIE GREENWOOD	205-753-8773 dollargeneral@atcassociates.com	www.atcassociates.com
BUILDING AND EARTH SCIENCES, INC.	MATT ADAMS	205-836-6300 dollargeneral@buildingandearth.com	www.buildingandearth.com
EAS PROFESSIONALS, INC.	JERRY MARRONE	864-234-7368 dollargeneral@eas-pro.com	www.eas-pro.com
PROFESSIONAL SERVICE INDUSTRIES, INC. (PSI)	TERESA HEINER	710-424-6200 #3030 teresa.heiner@psusa.com	www.pslusa.com
TERRACON	JOHN MEADOW	710-625-0715 #353 dollargeneral@terracon.com	www.terracon.com

NATIONAL ACCOUNT & CONTACT INFORMATION SUBJECT TO CHANGE



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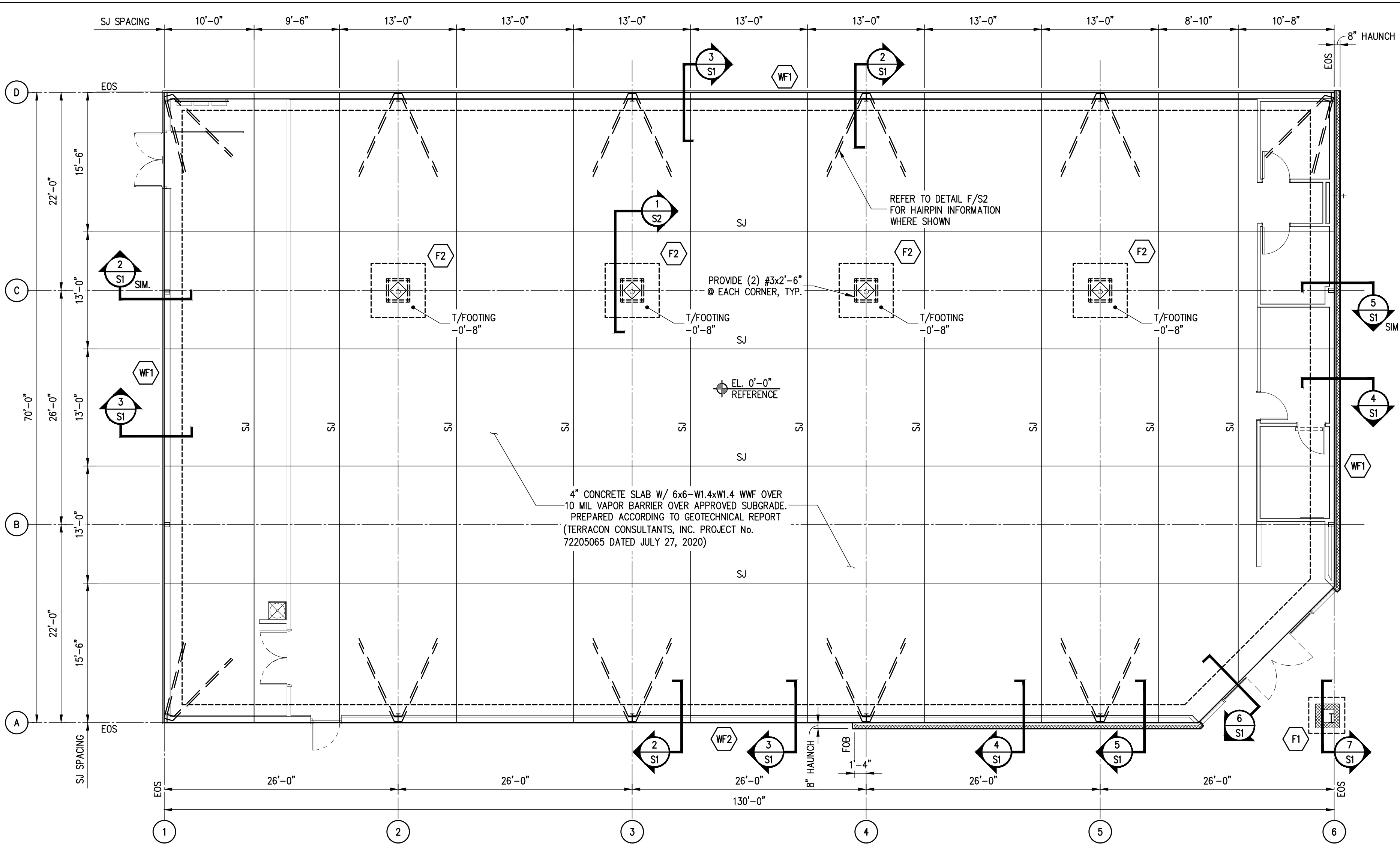
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A-5

OF



1 FOUNDATION/SLAB PLAN
SCALE: 1/8"=1'-0"

NOTES:
1. CONFIRM ALL DIMENSIONS W/ ARCHITECTURAL DRAWINGS. REPORT DISCREPANCIES PRIOR TO CONSTRUCTION.
2. PROVIDE (2) #3x3'-0" LONG IN TOP OF SLAB @ ALL RE-ENTRANT CORNERS NOT INTERSECTING A SLAB JOINT.
3. FOOTING SIZES AND REINFORCING ARE PRELIMINARY AND SHALL NOT BE USED FOR CONSTRUCTION. CONTRACTOR SHALL FURNISH METAL BUILDING REACTIONS FOR FINAL DESIGN.

FOOTING SCHEDULE

TYPE	VOLUME OF CONCRETE	REINFORCING
F1	0.5 CY	21 lbs.
F2	3.7 CY	163 lbs.
WF1	4.0SF x CONT.	6.3 lbs./ft.
WF2	5.0SF x CONT.	8.4 lbs./ft.

FOOTING SIZES & REINFORCING ARE PRELIMINARY & SHALL NOT BE USED FOR CONSTRUCTION. CONTRACTOR SHALL FURNISH METAL BUILDING REACTIONS FOR FINAL DESIGN.

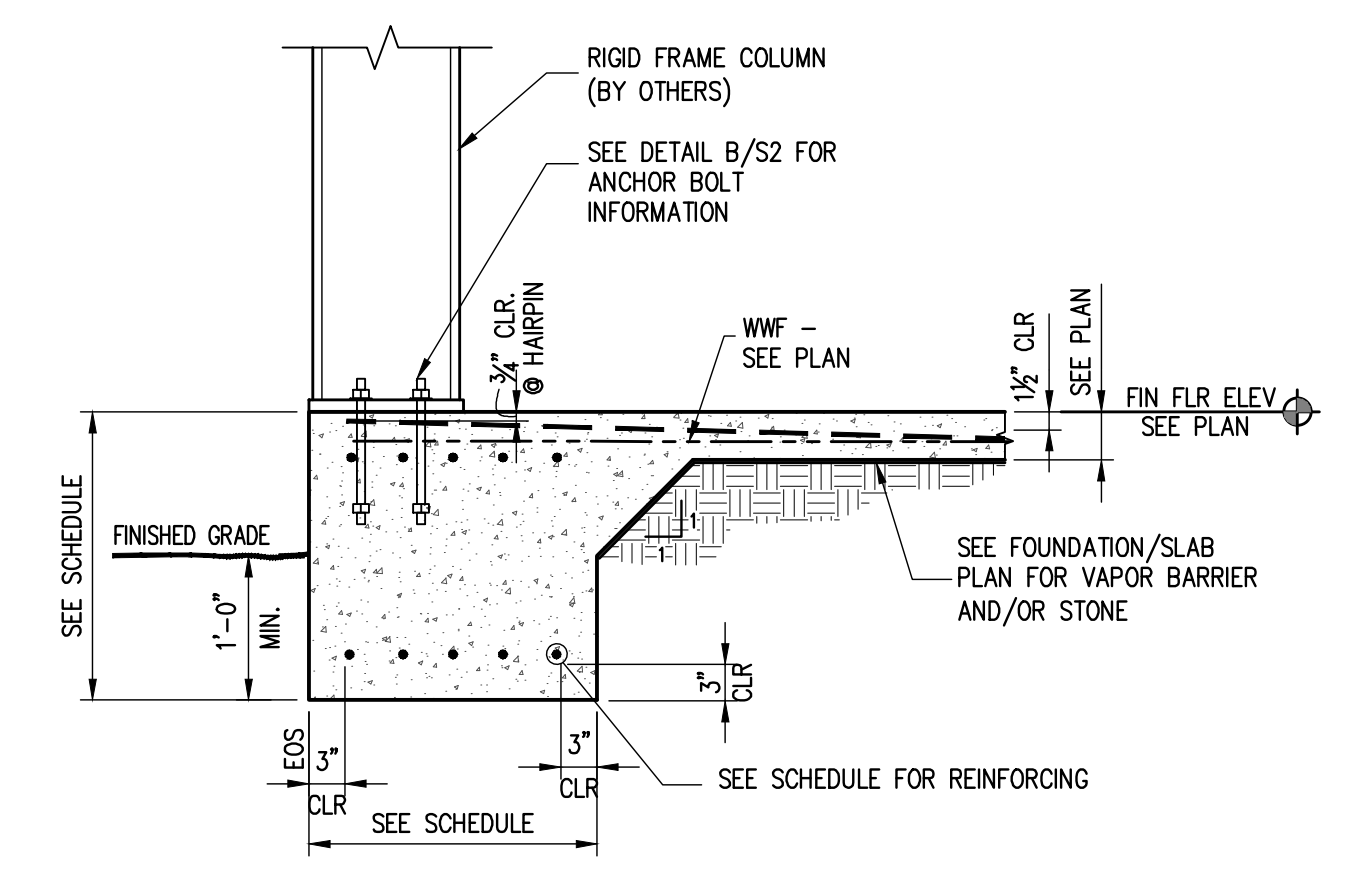
CONTRACTOR SHALL PROVIDE OWNER W/ UNIT COSTS @ TIME OF BIDDING AS FOLLOWS:

FOR LARGER FOOTINGS ADD:

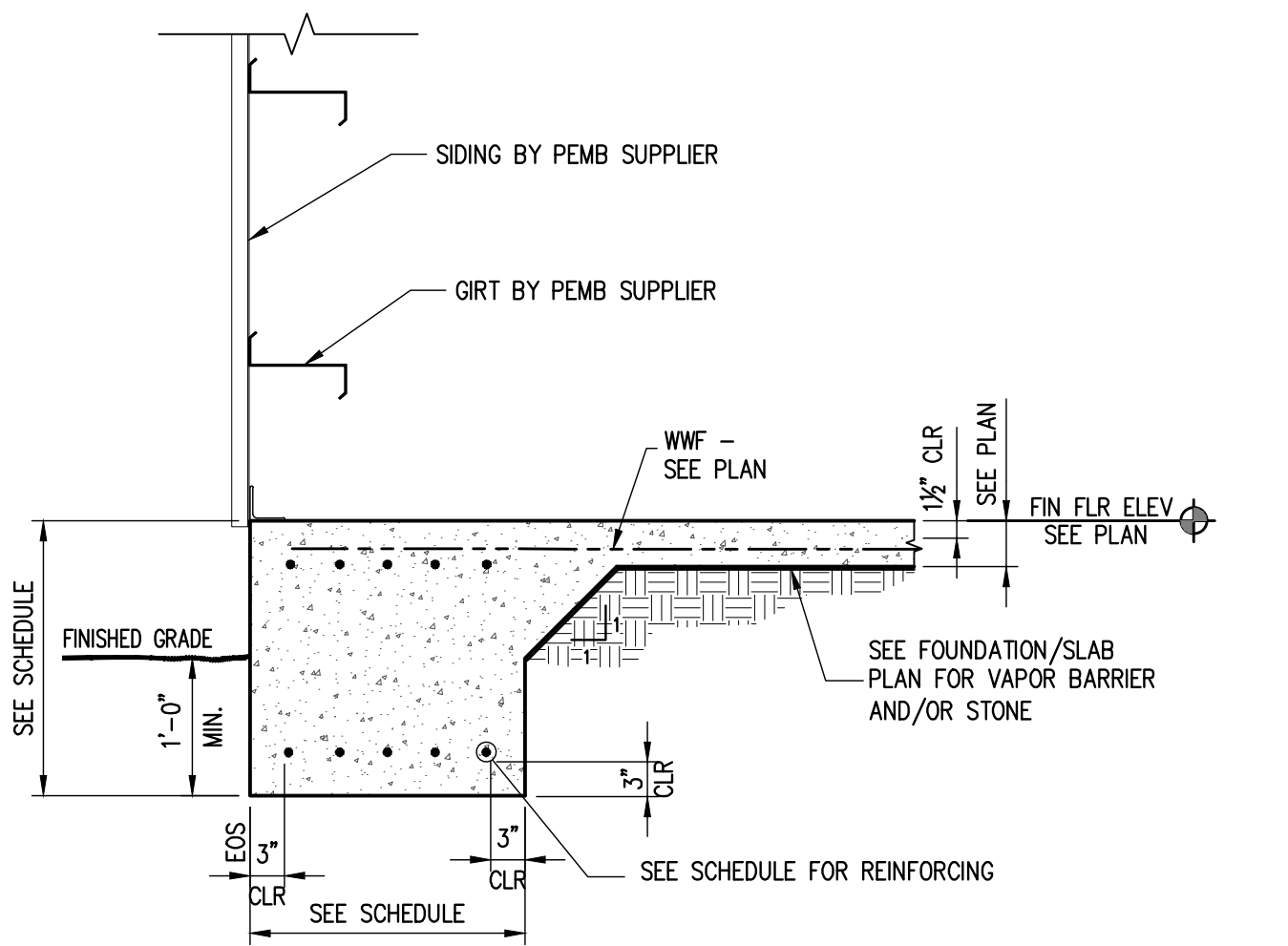
- \$/CY EXCAVATION
- \$/CY CONCRETE
- \$/TON REINFORCING

FOR SMALLER FOOTINGS DEDUCT:

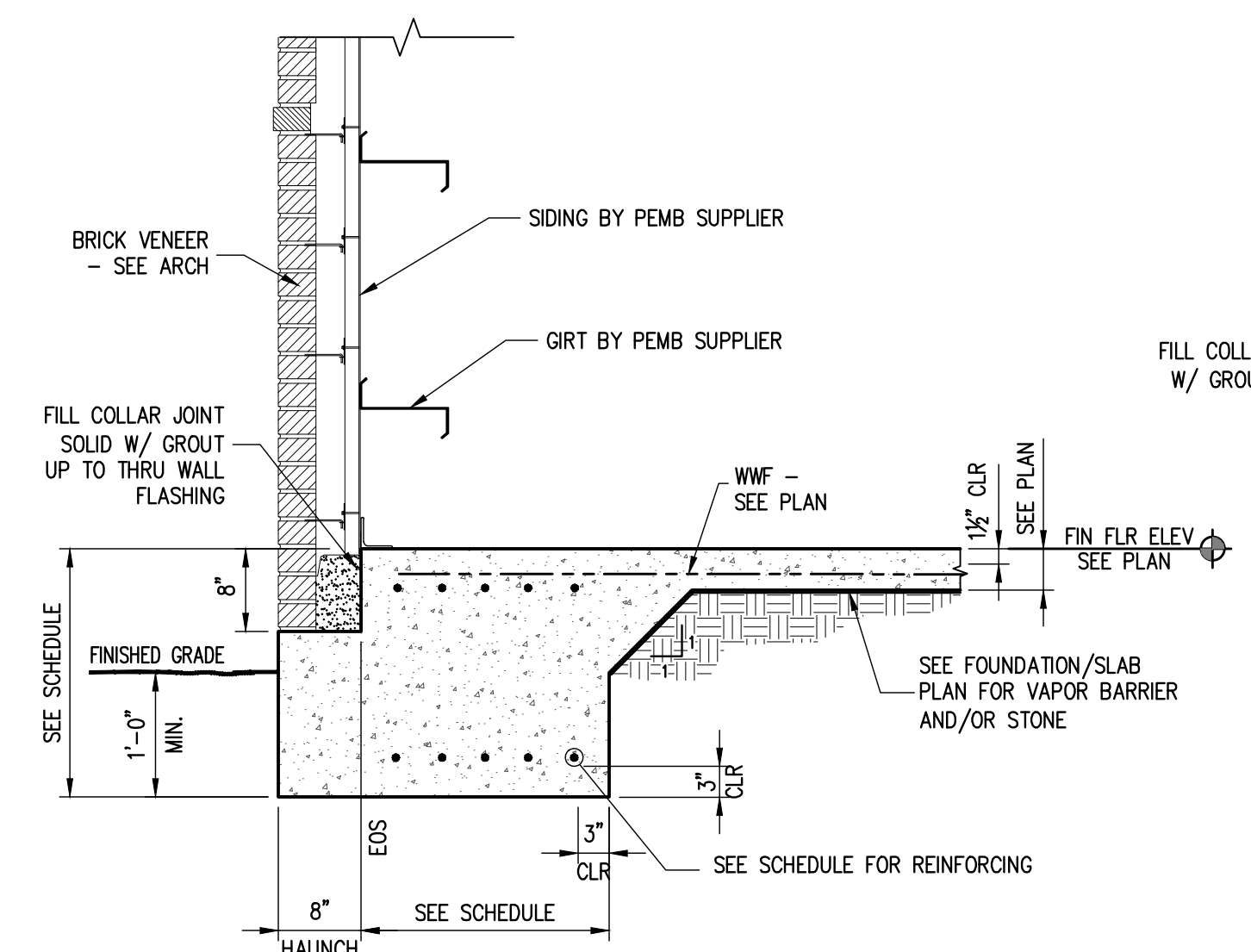
- \$/CY EXCAVATION
- \$/CY CONCRETE
- \$/TON REINFORCING



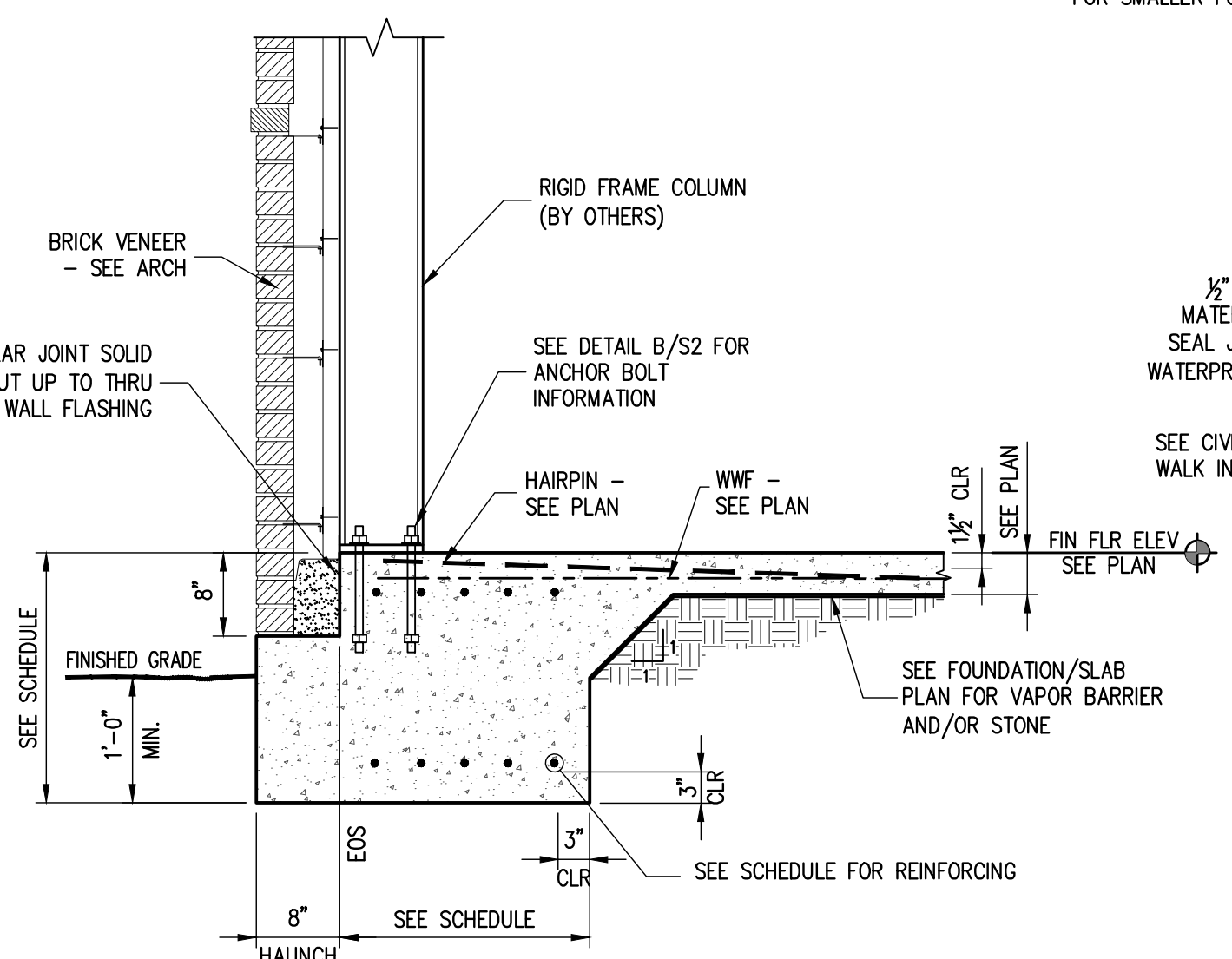
2 SECTION
SCALE: 3/4"=1'-0"



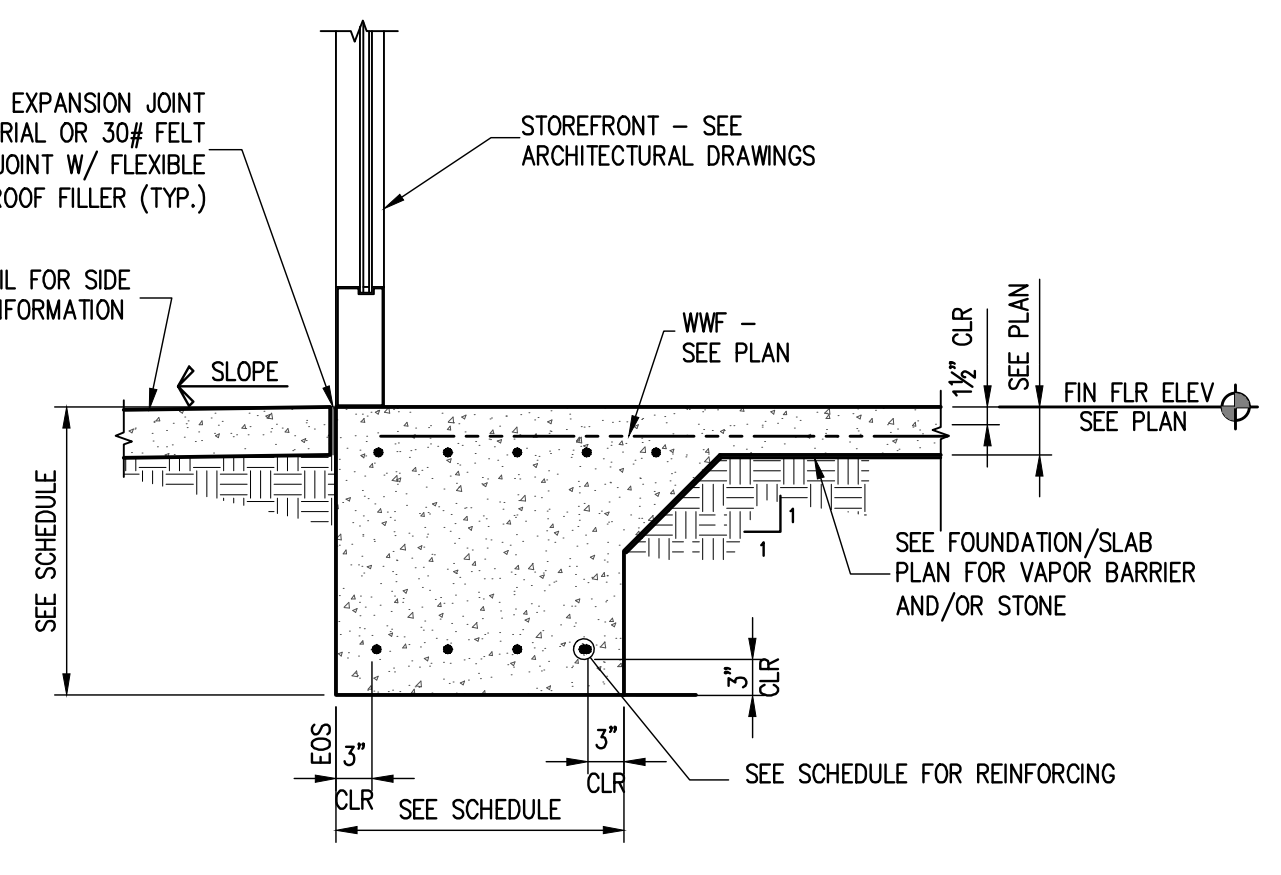
3 SECTION
SCALE: 3/4"=1'-0"



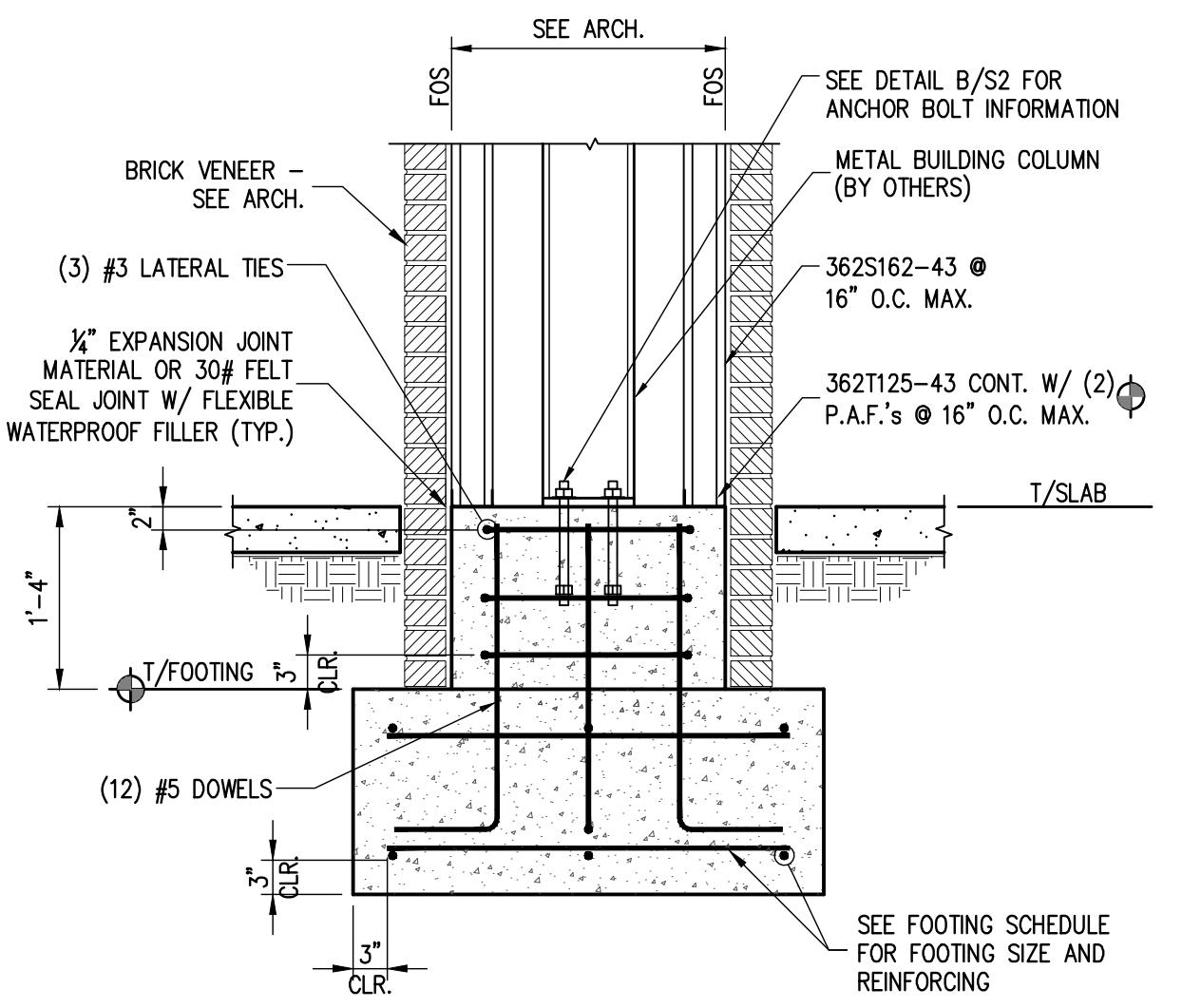
4 SECTION
SCALE: 3/4"=1'-0"



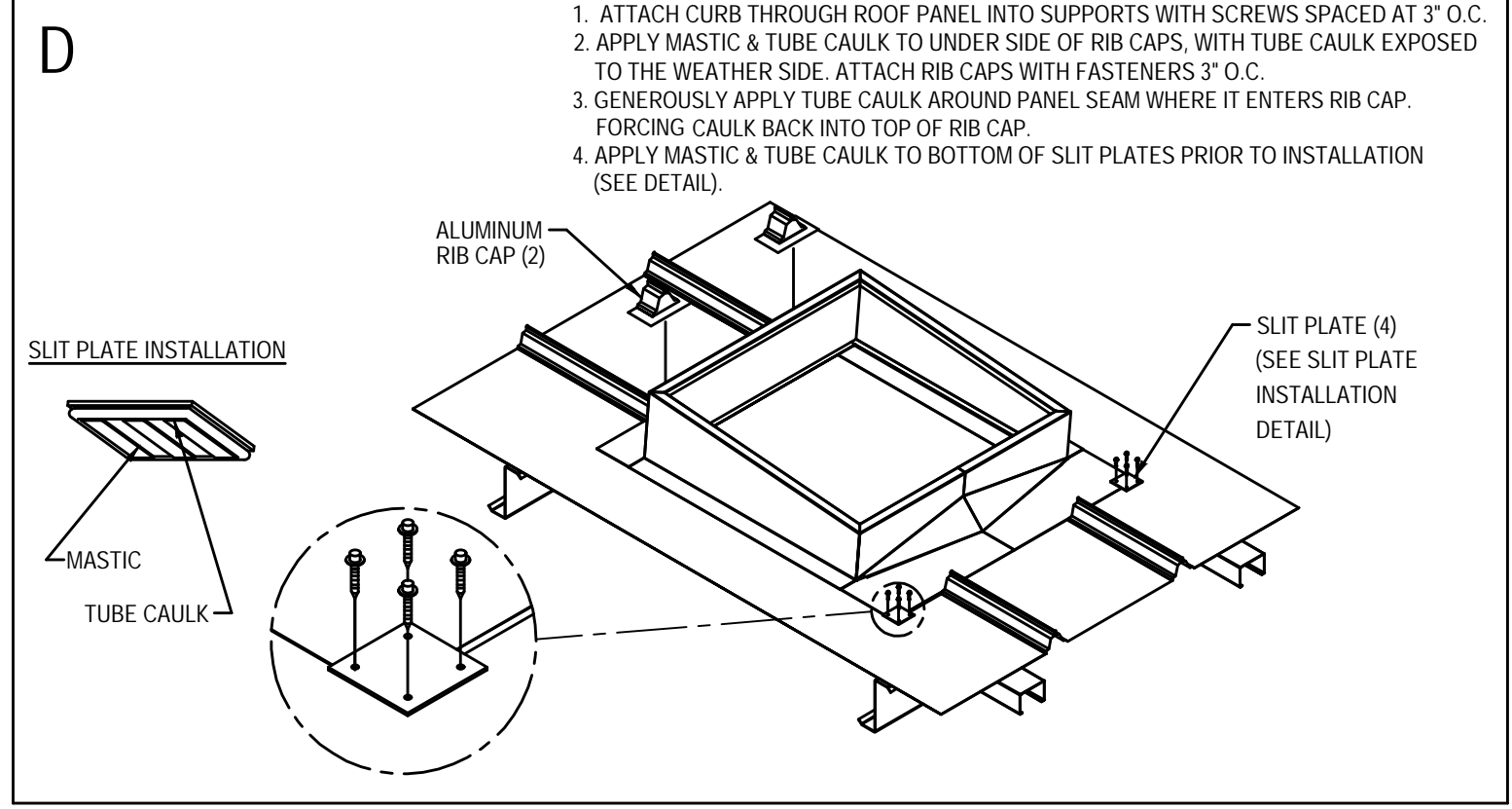
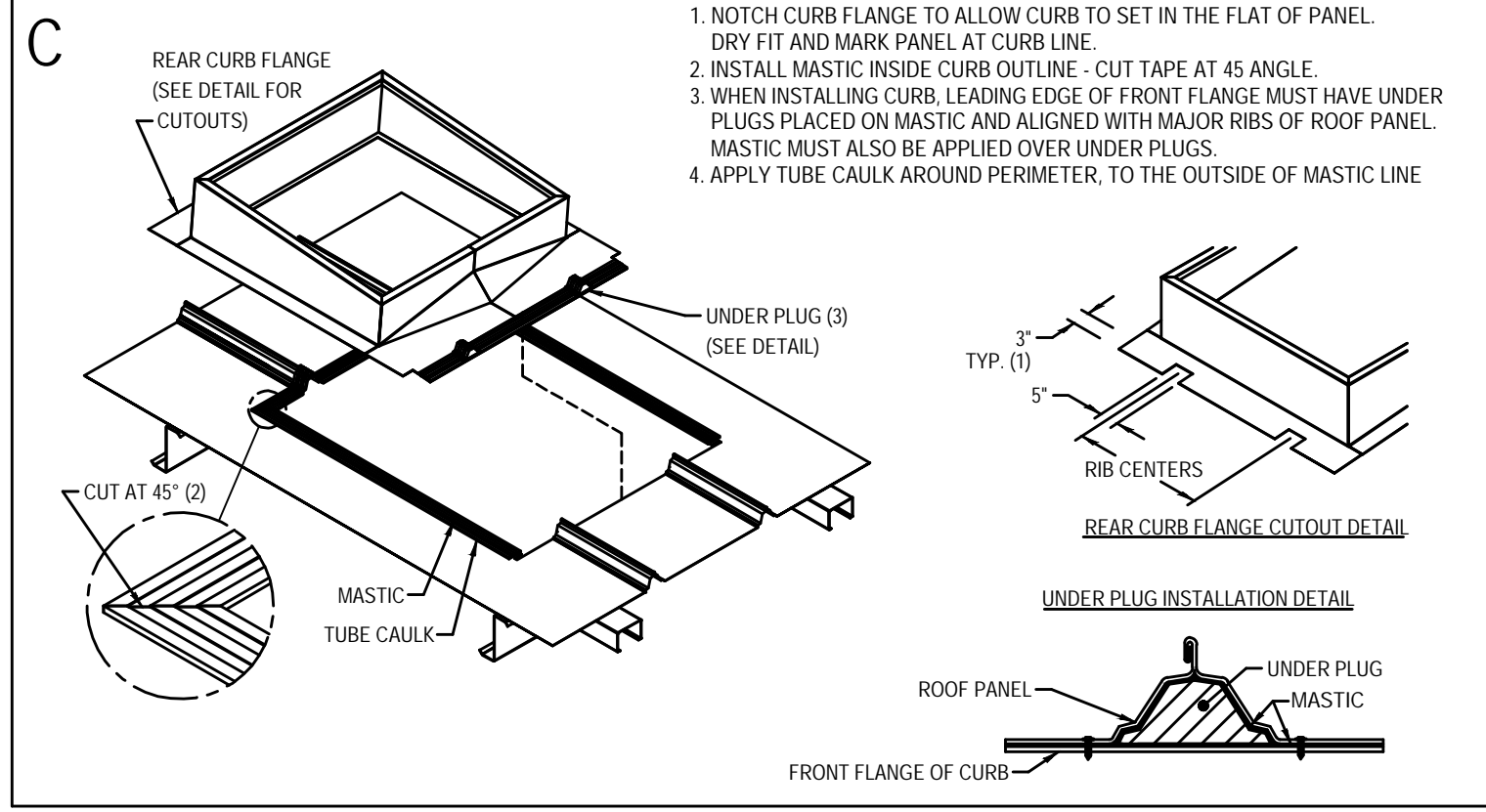
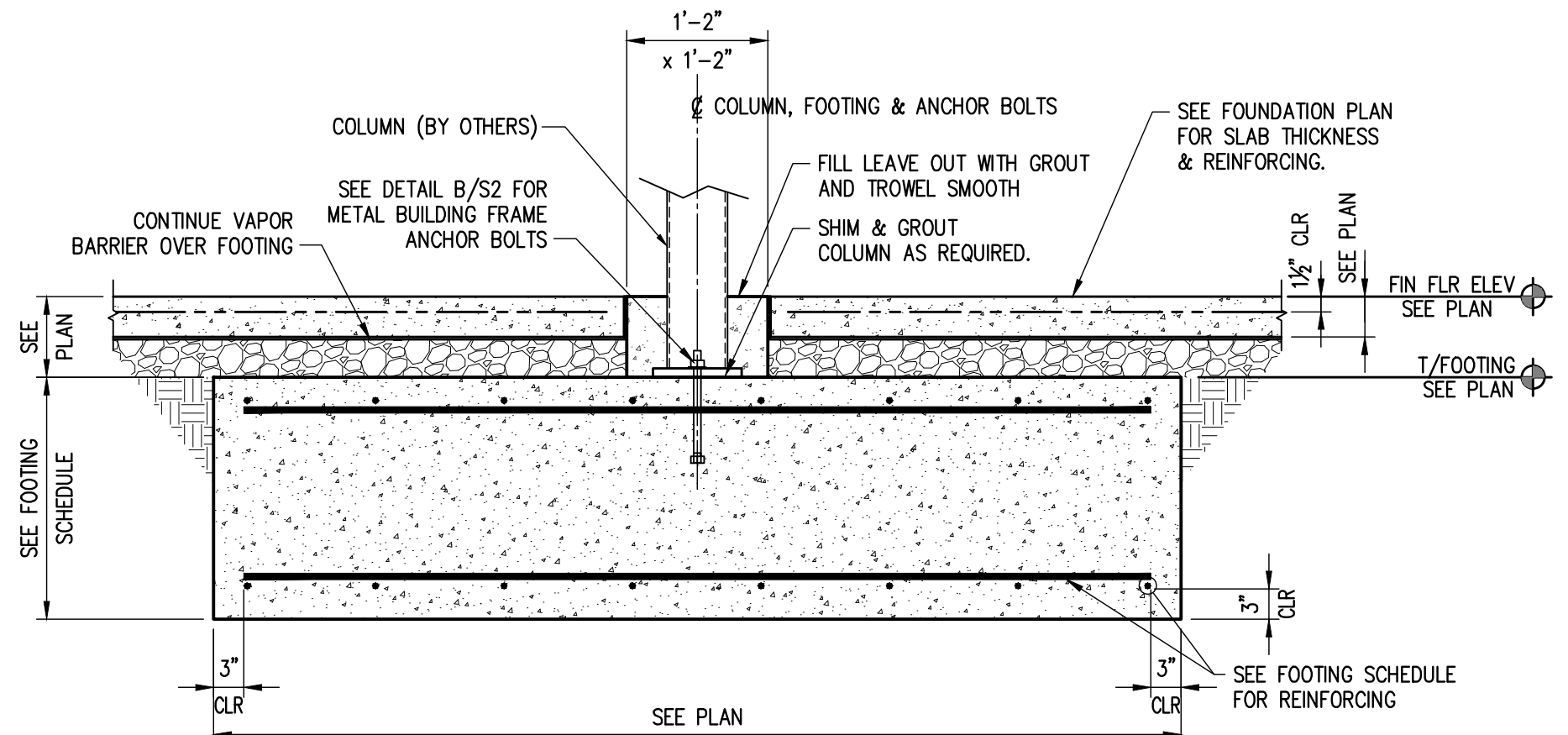
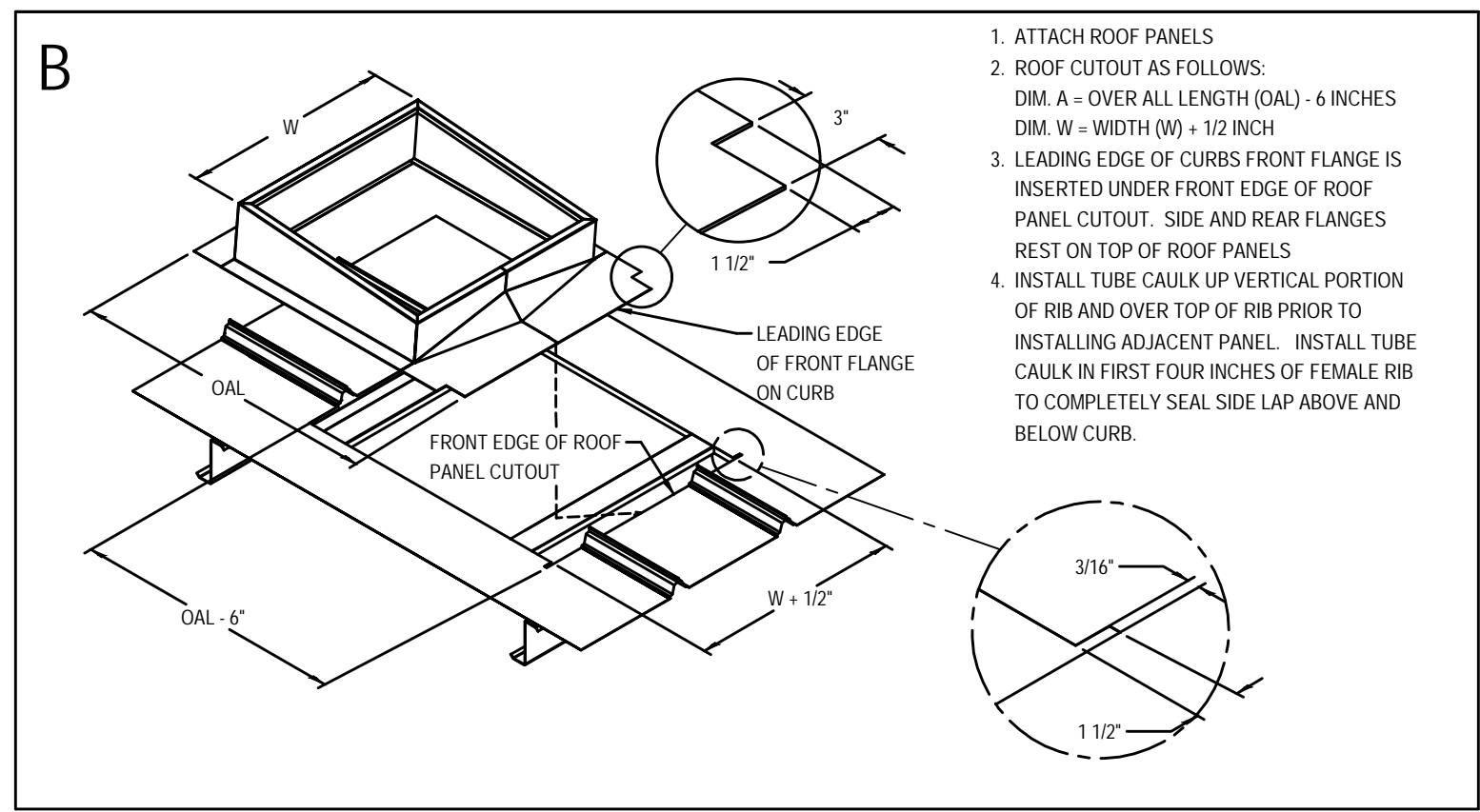
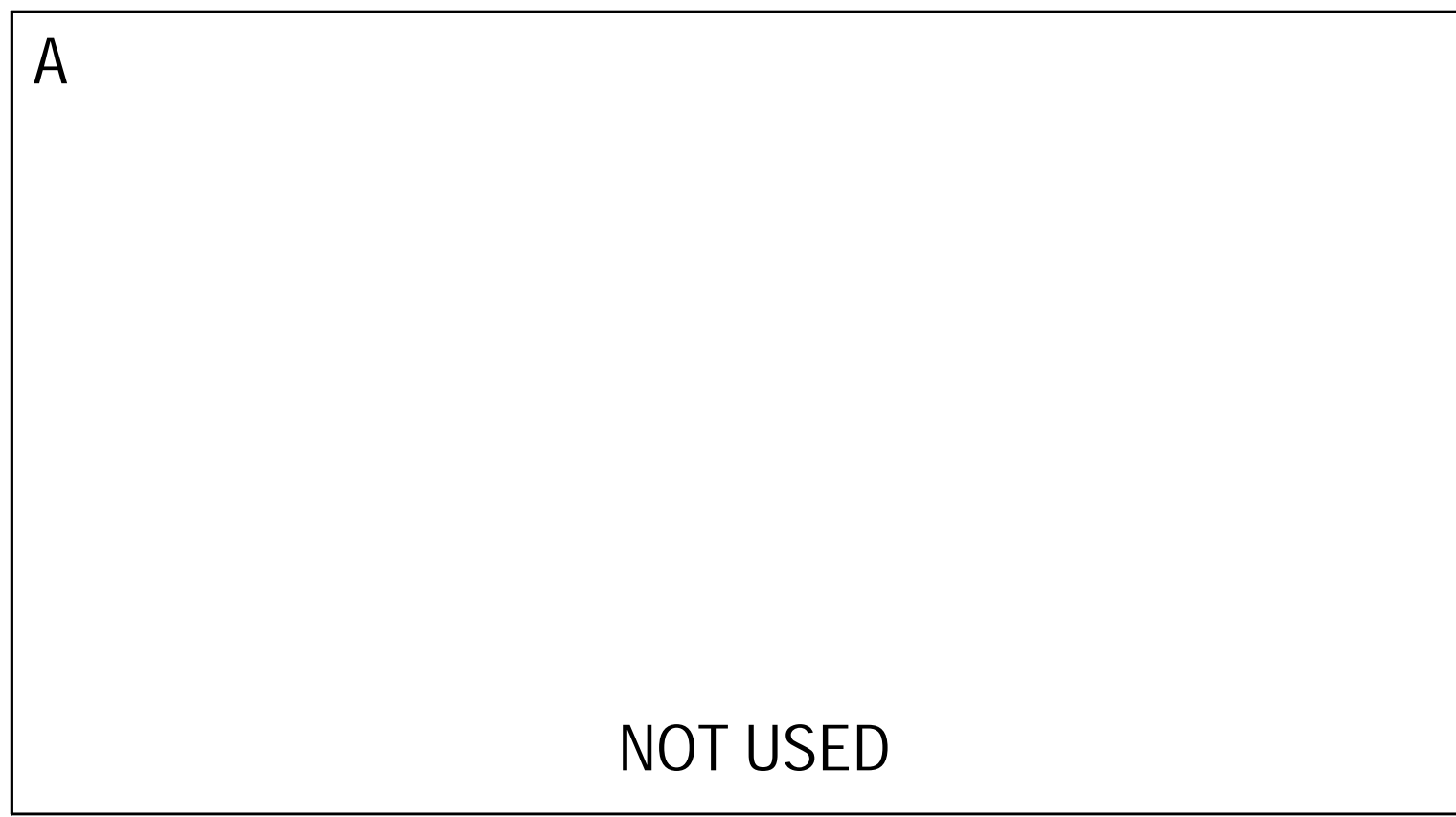
5 SECTION
SCALE: 3/4"=1'-0"



6 SECTION
SCALE: 3/4"=1'-0"



7 SECTION
SCALE: 3/4"=1'-0"



CURB INSTALLATION INSTRUCTIONS
TRAPEZOIDAL STANDING SEAM PANEL - UNDER / OVER
FOLLOW MANUFACTURER'S SPECIFICATIONS

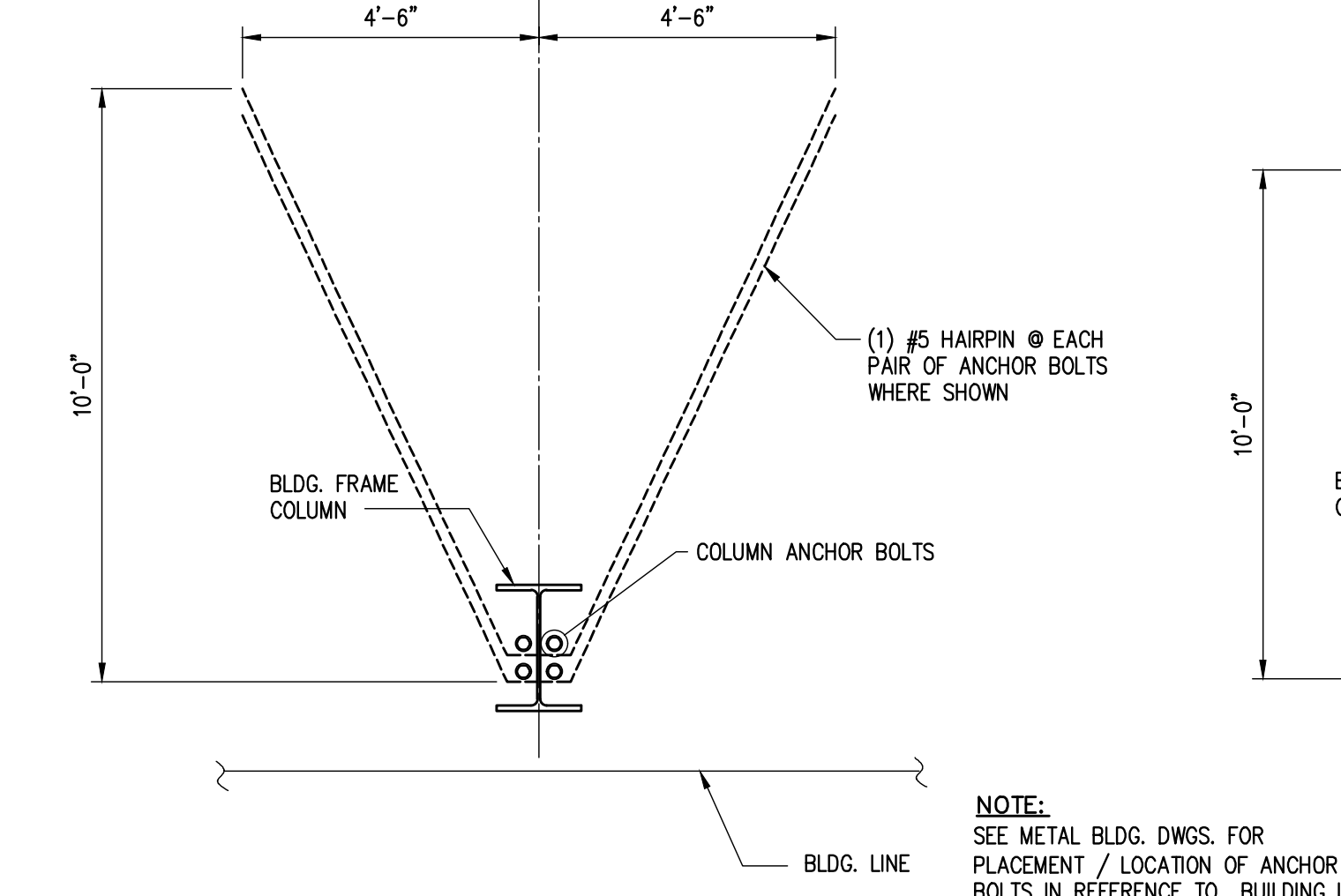
REQUIRED NATIONAL ACCOUNT ROOF CURB DG VENDORS:
ROOF CURB SYSTEMS GREG SMYTH 800-683-5848 GSMYTH@ROOFCURB.COM
CURBS PLUS INC. ALAN THRAILKILL 888-639-2872 ALAN.THRAILKILL@CURBS-PLUS.COM
KCC INTERNATIONAL INC. GREG CONRAD 800-382-2872 GCONRAD@KCCCURBS.COM

A
TYPICAL ROOF CURB UNIT
NTS

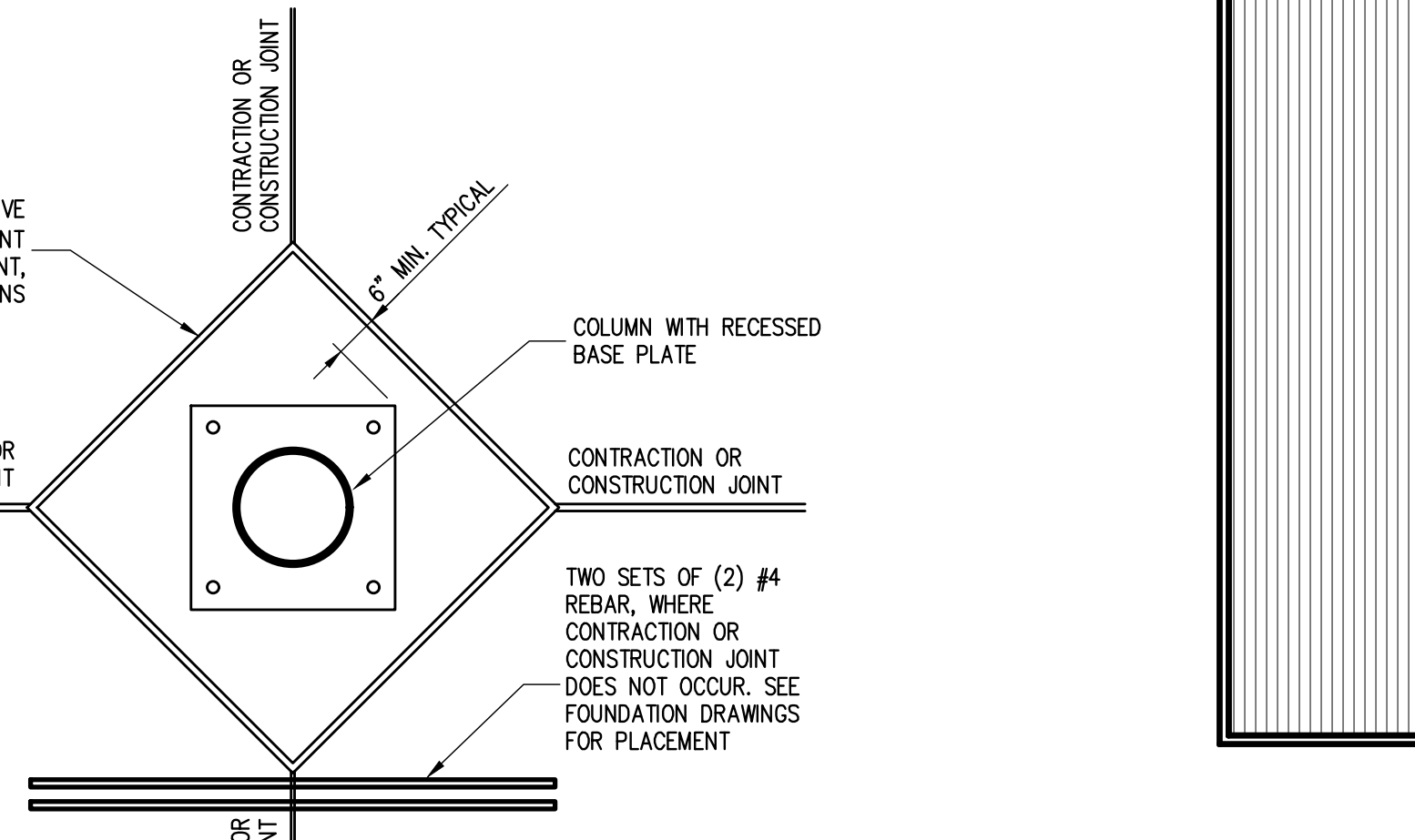
ANCHOR BOLT SCHEDULE

D	E	P	L
1/2"	6"	2"	9"
3/8"	7 1/2"	2"	11"
3/4"	9"	2 1/2"	13 1/2"
7/8"	10 1/2"	3"	15 1/2"
1"	12"	4"	18"
1 1/4"	15"	4"	21 1/2"
1 1/2"	18"	4 1/2"	25"
1 3/4"	21"	5 1/4"	29"
2"	25"	6"	34"

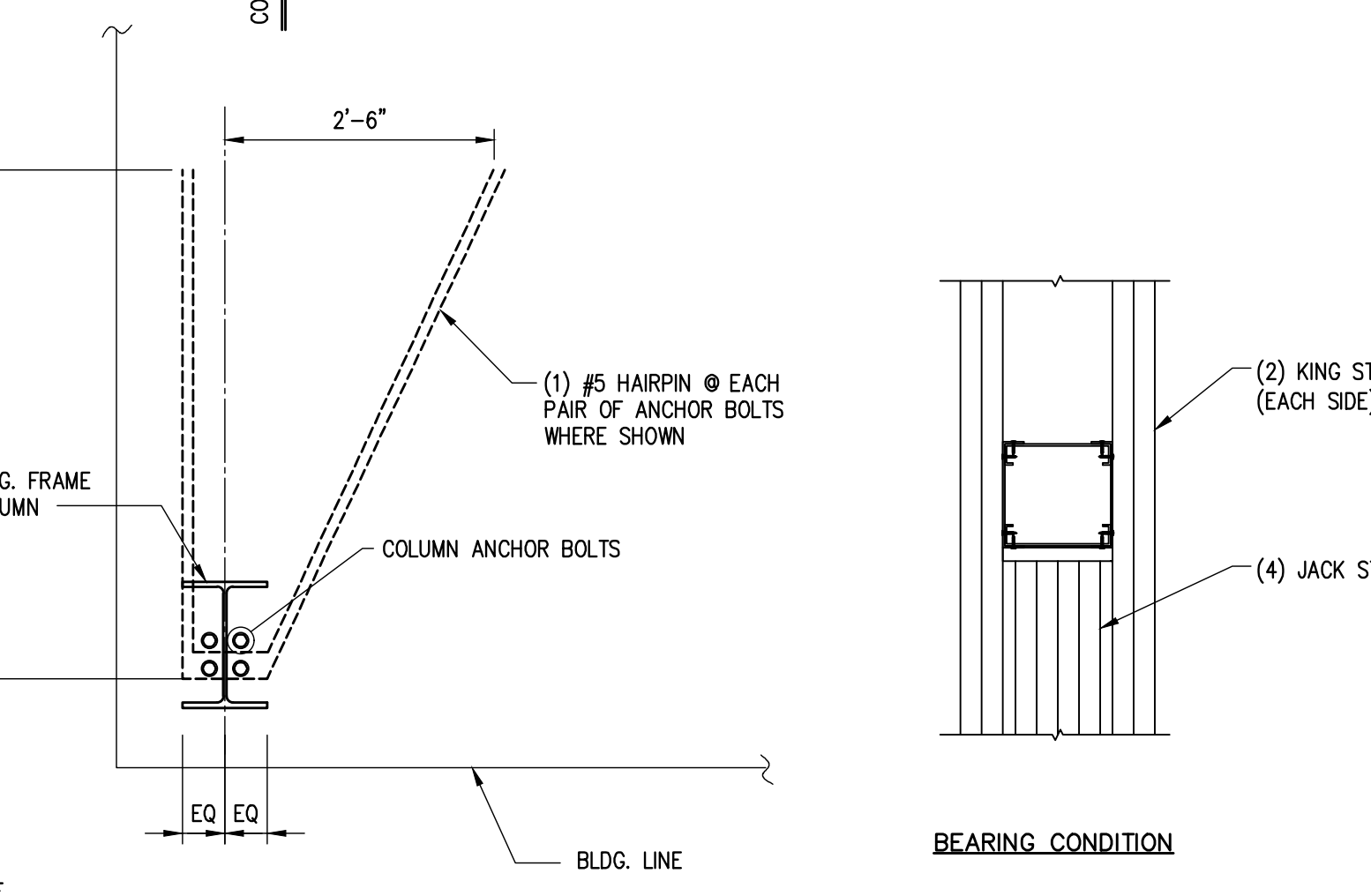
B
DETAIL
SCALE: N.T.S.



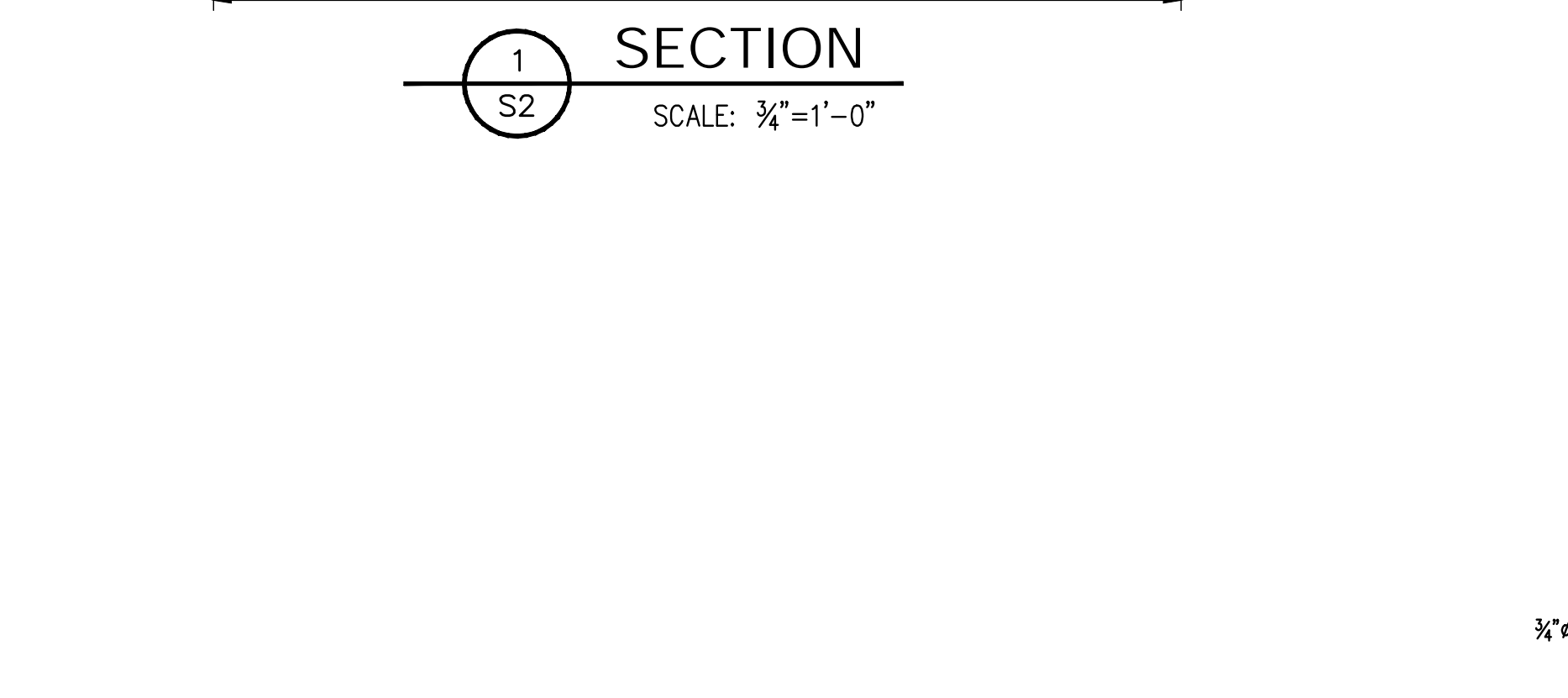
F
DETAIL
NTS



C
DETAIL
SCALE: NTS

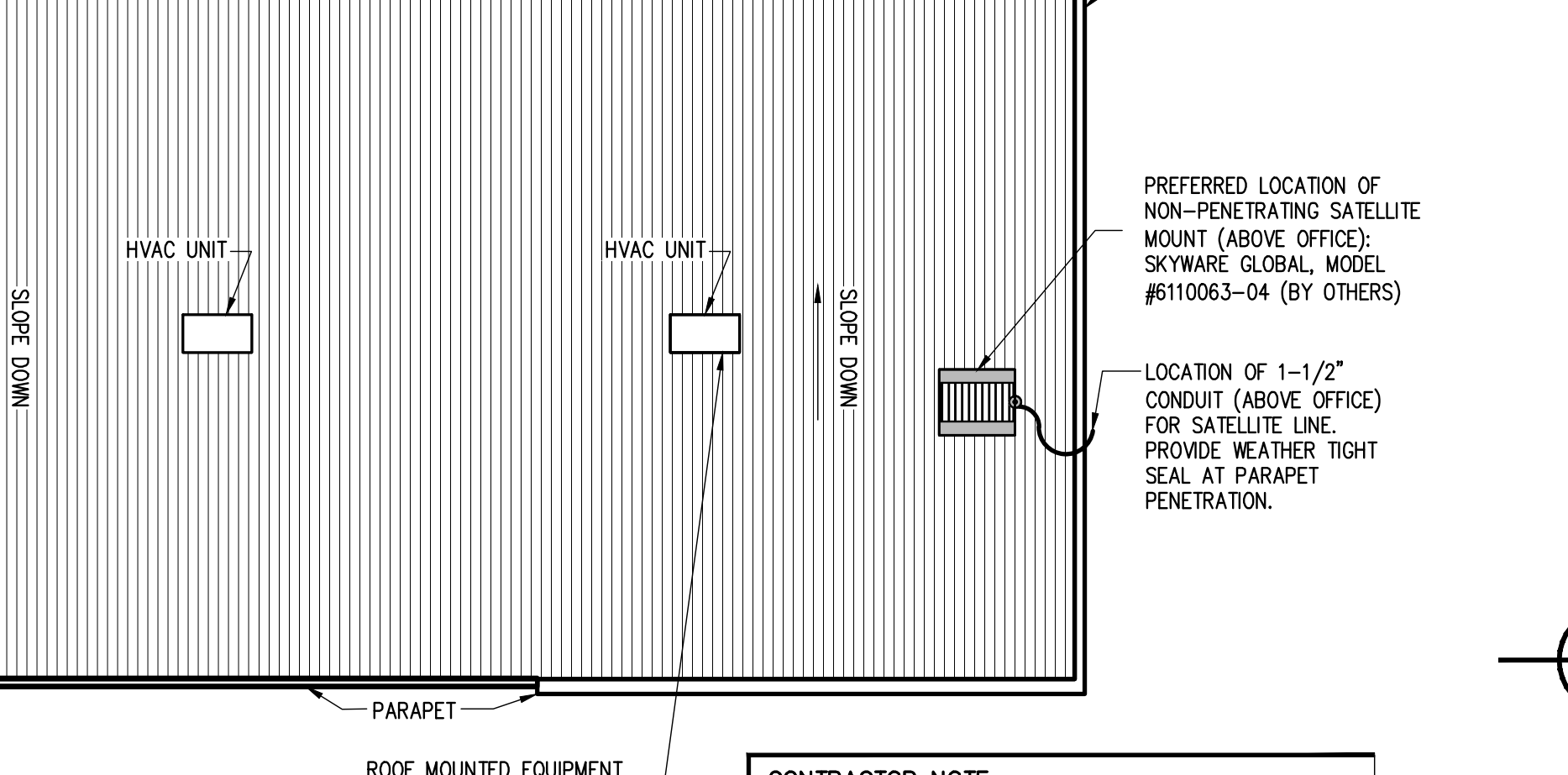


F
DETAIL
NTS

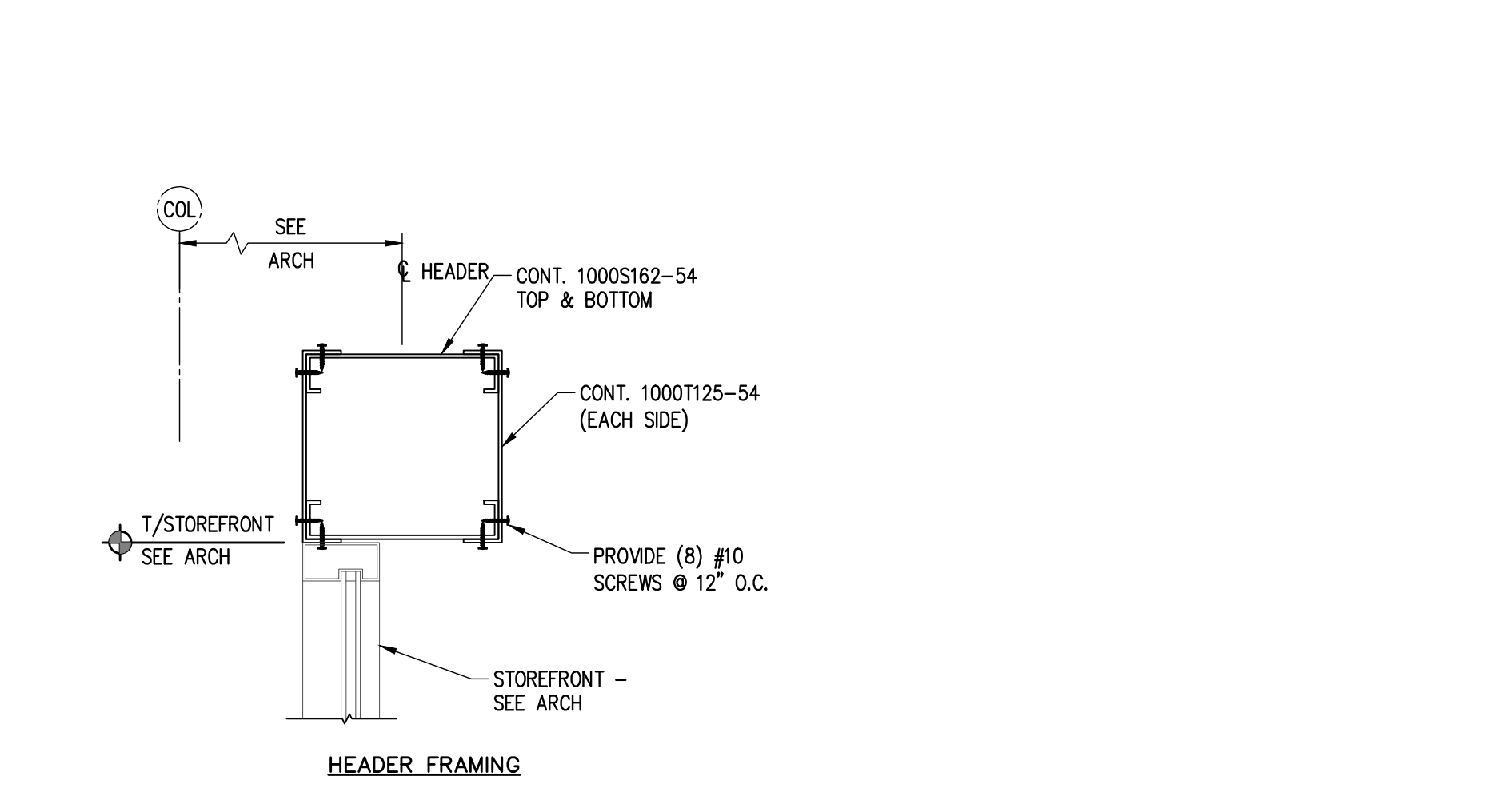


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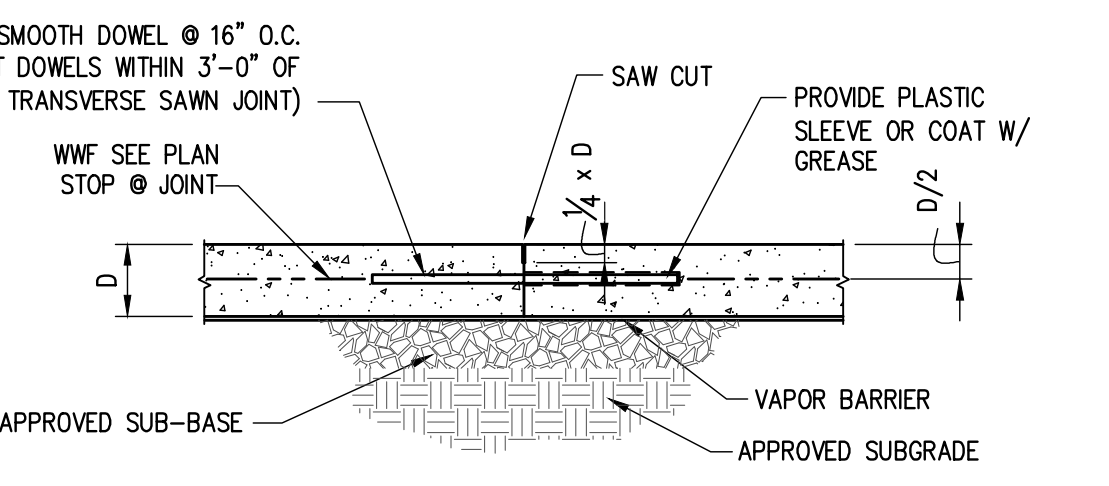
D
ROOF PLAN
SCALE: N.T.S.



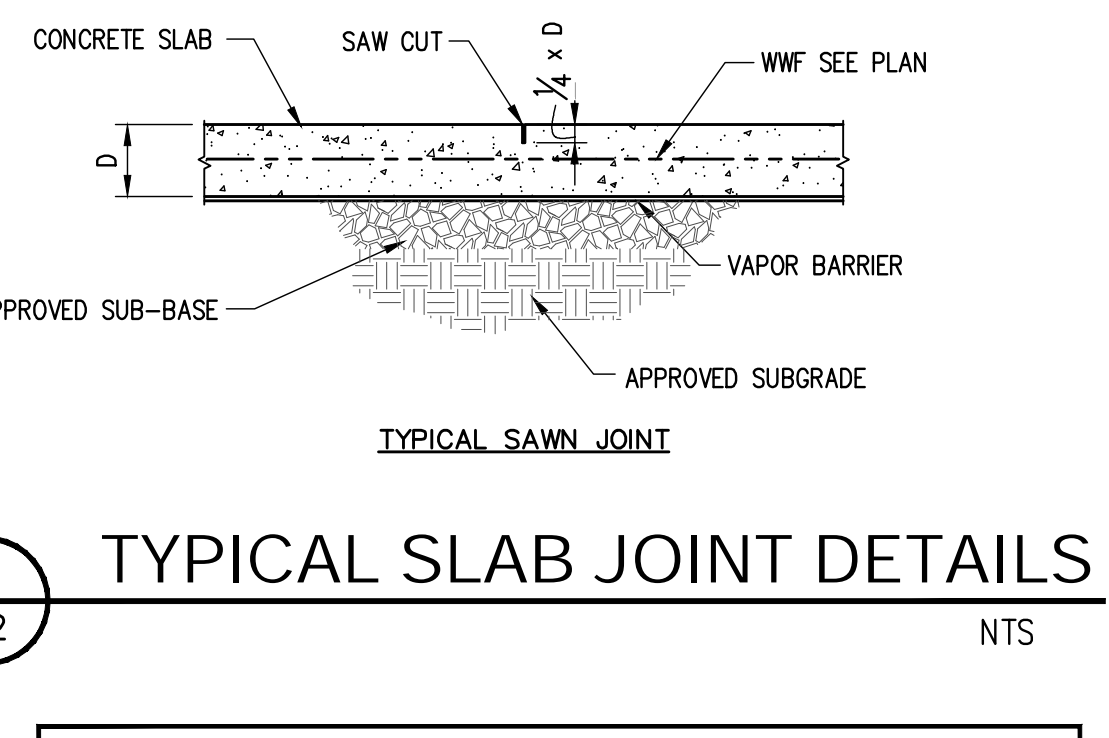
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ROOF PLAN
SCALE: N.T.S.



G
HEADER DETAIL @ MAIN ENTRANCE
NTS



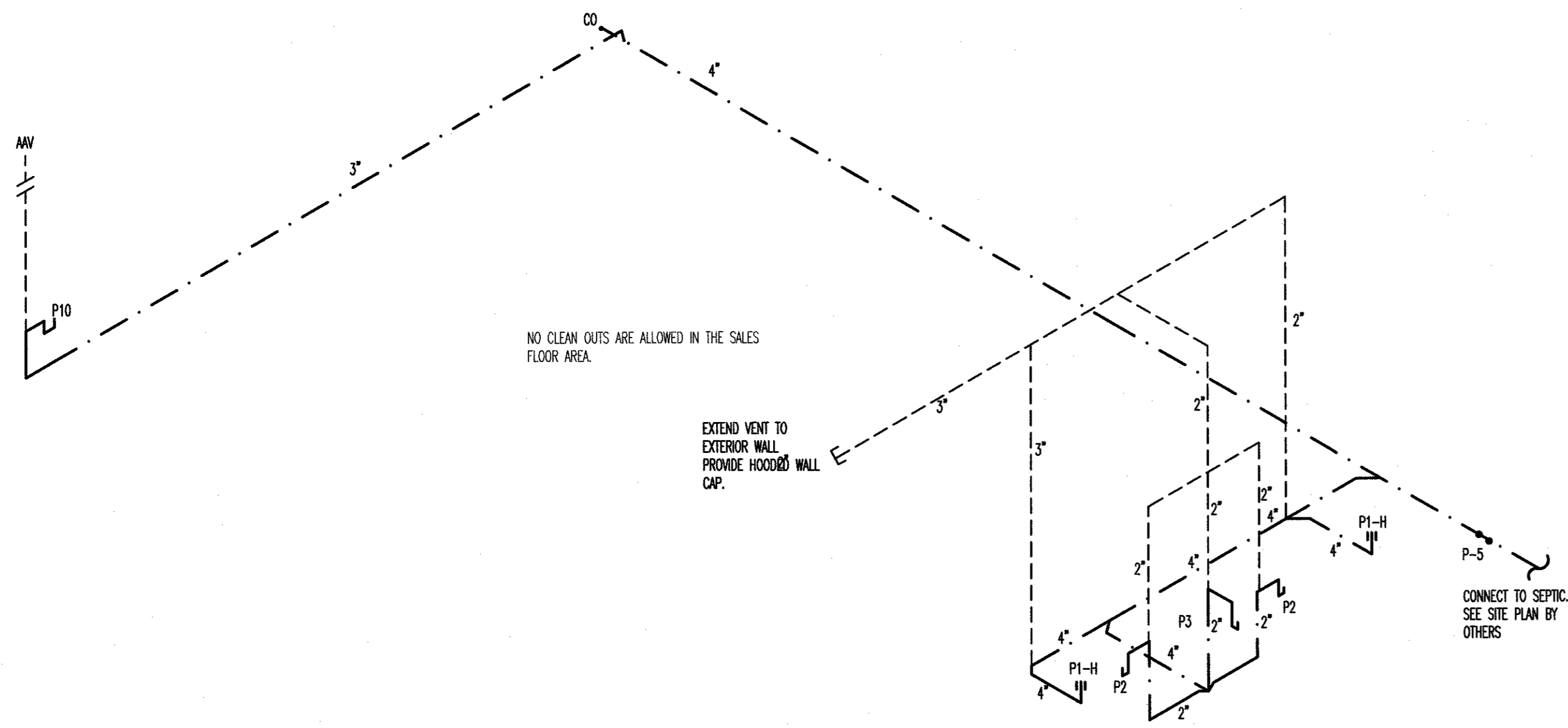
E
TYPICAL SLAB JOINT DETAILS
NTS



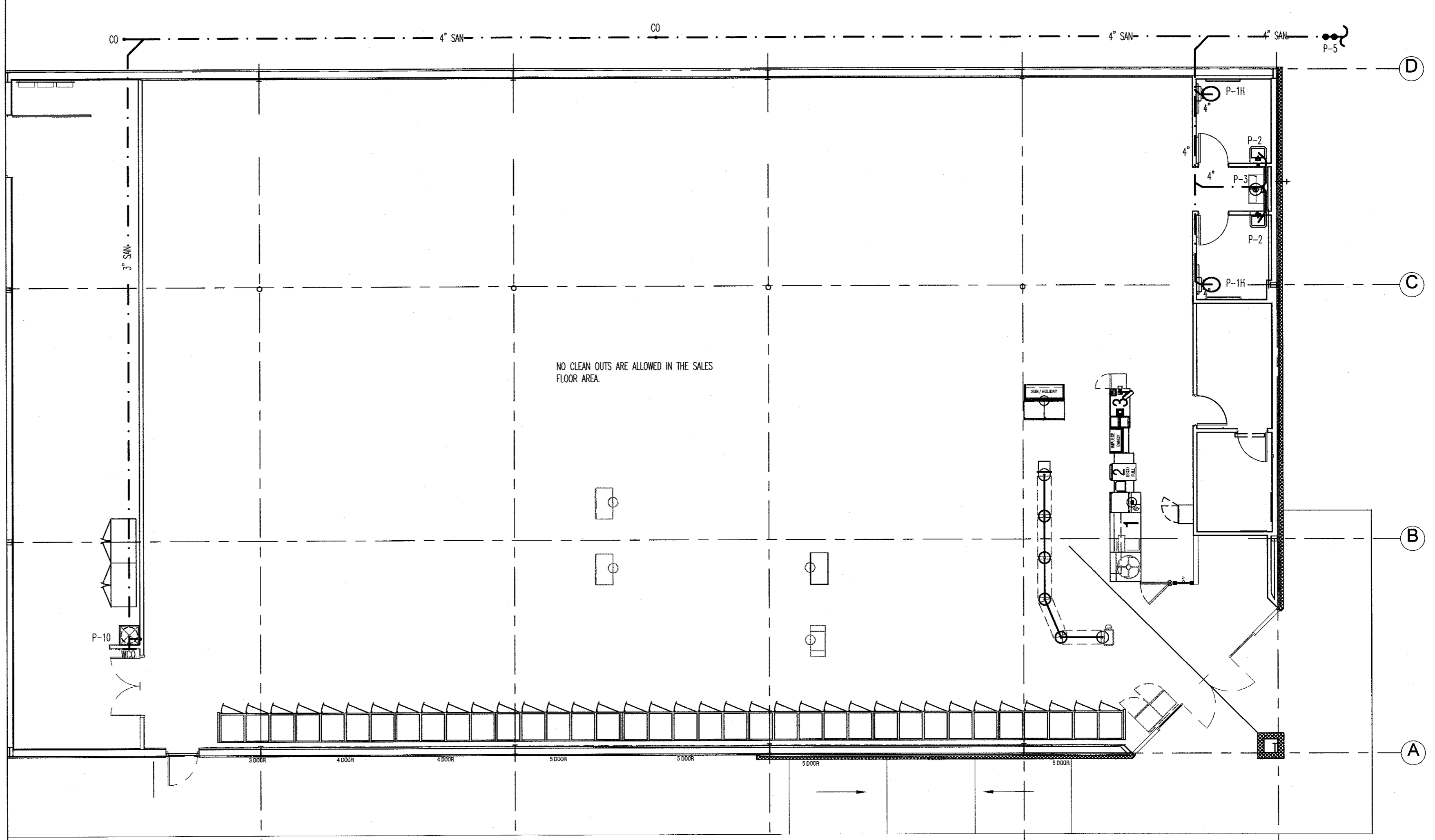
E
TYPICAL SLAB JOINT DETAILS
NTS

DESIGN LOAD CRITERIA
This analysis is made utilizing the 2018 North Carolina Building Code (International Building Code 2015).

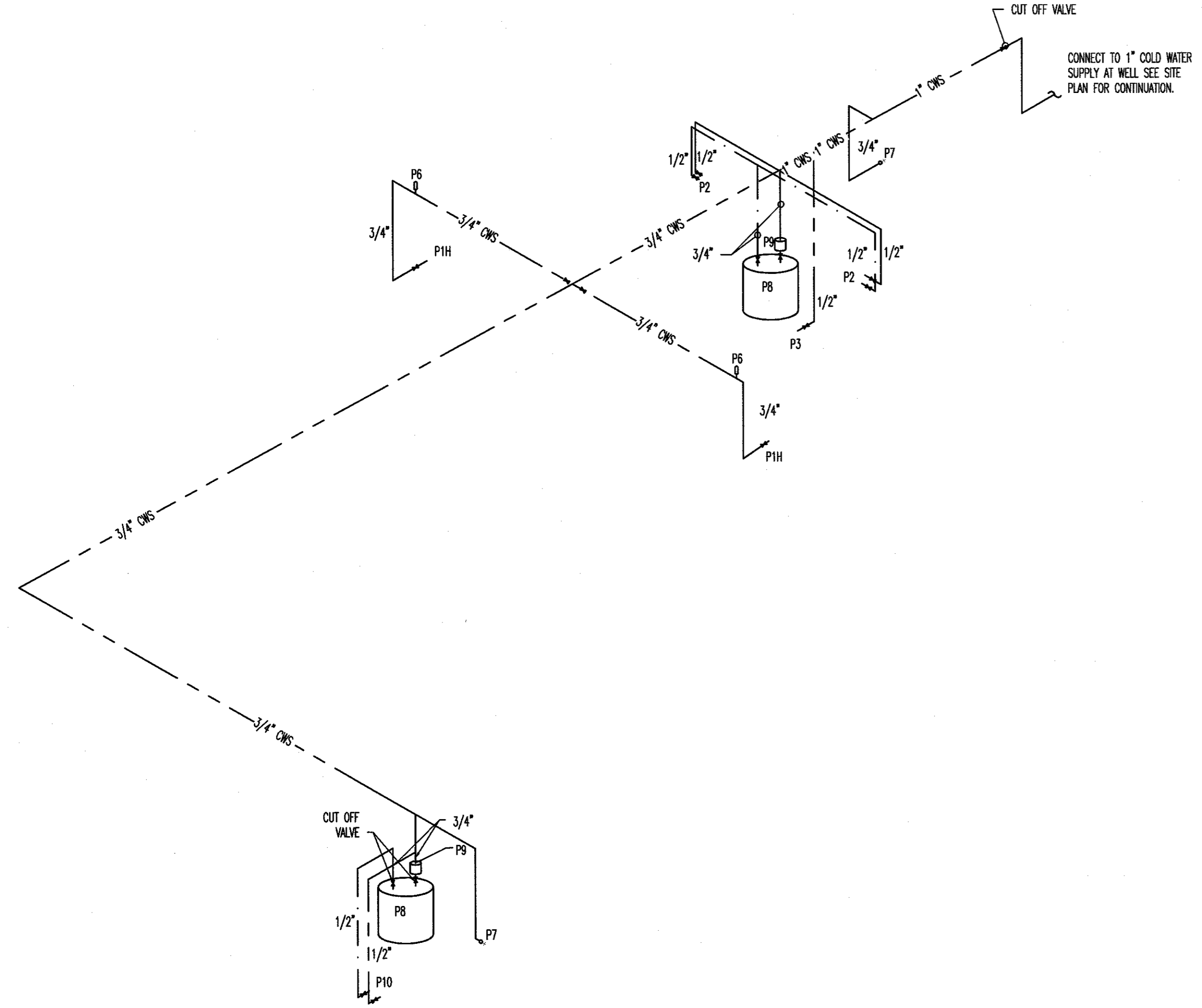
DESIGN LOADS	
Roof Live Load	20 psf
Roof Dead Load	Weight of Materials
Roof Collateral Load	3.0 psf
SNOW LOADS	
Pg	10 psf
Frost Depth	12"
WIND LOADS	
Basic Wind Speed, Vult.	120 mph
Risk Category	II
Wind Exposure	B
Internal Pressure Coefficient (GCpi)	0.18/-0.18
SEISMIC LOADS	
Risk Category	II
Seismic Importance Factor	1.0
Design Category	C
Site Class	D
Ss	0.200g
Sds	0.214g
S1	0.091g
Sd1	0.146g
Analysis Procedure	Equivalent Lateral Force Procedure
Resisting System	Steel System not Specifically detailed for Seismic Resistance
Response Modification Factor, R	3.0
Seismic Response Coefficient, Cs	0.072
Design Base Shear	Cs x W



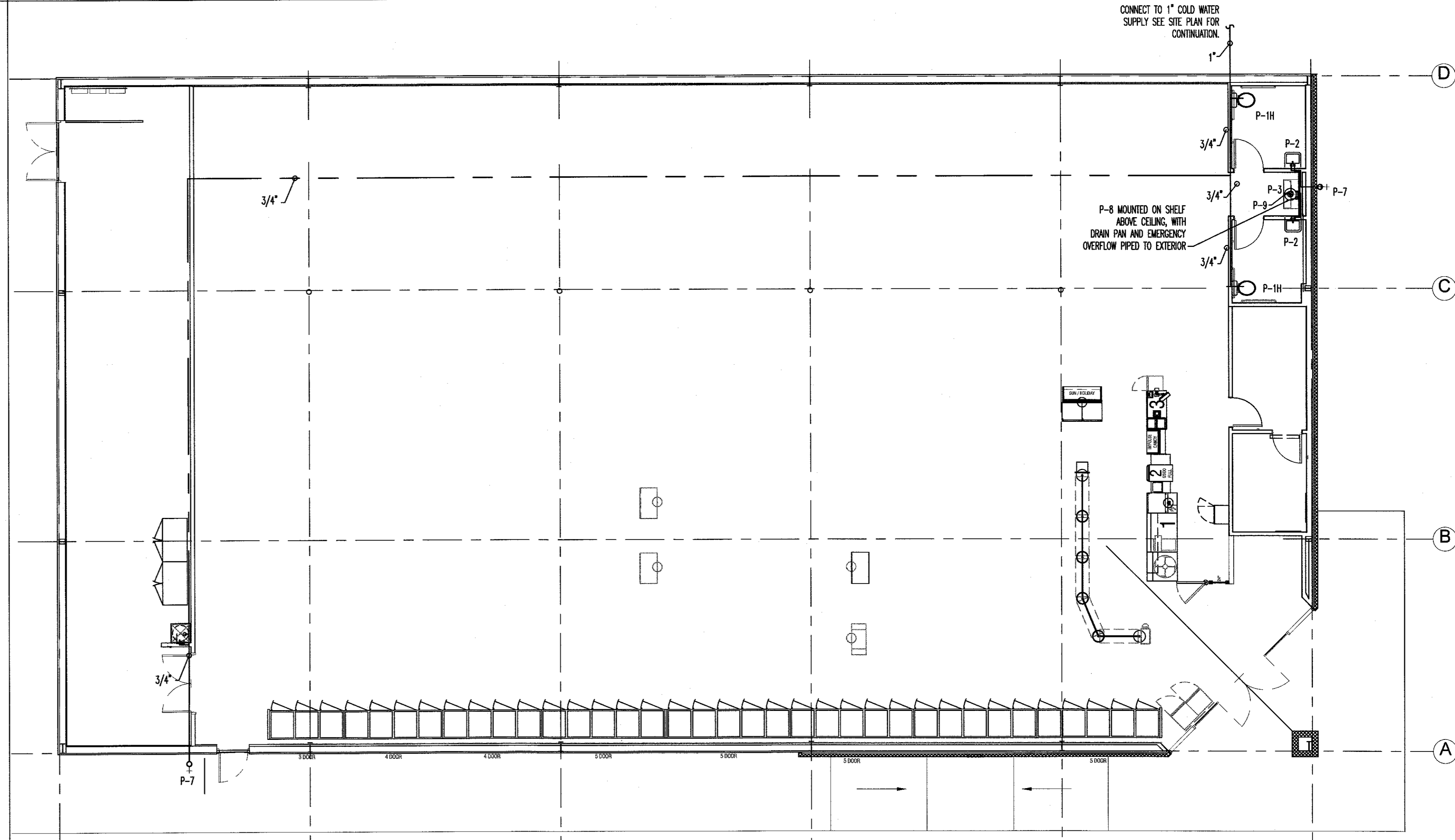
PLUMBING WASTE RISER-NO SCALE | 1



PLUMBING WASTE PLAN-SCALE 1/8"=1' | 3



PLUMBING SUPPLY RISER-NO SCALE | 2



PLUMBING SUPPLY PLAN-SCALE 1/8"=1' | 4

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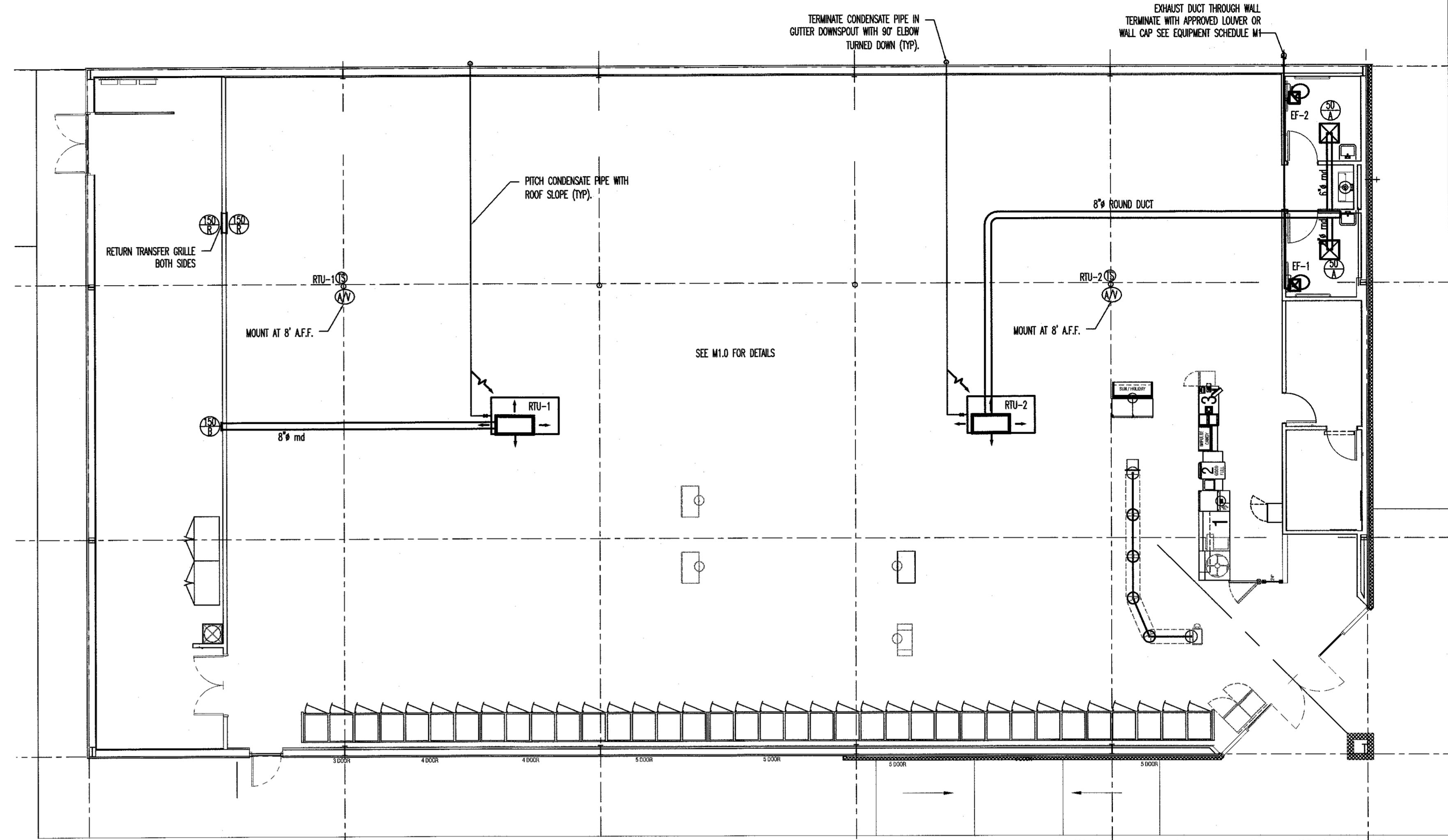
DOLLAR GENERAL
 STORE # 22524
 RAY ROAD
 SPRING LAKE, NC 28390

JOB NUMBER
 21059
 DRAWN BY
 REW
 DATE
 02/05/2021
 REVISIONS

SHEET NUMBER
P-2

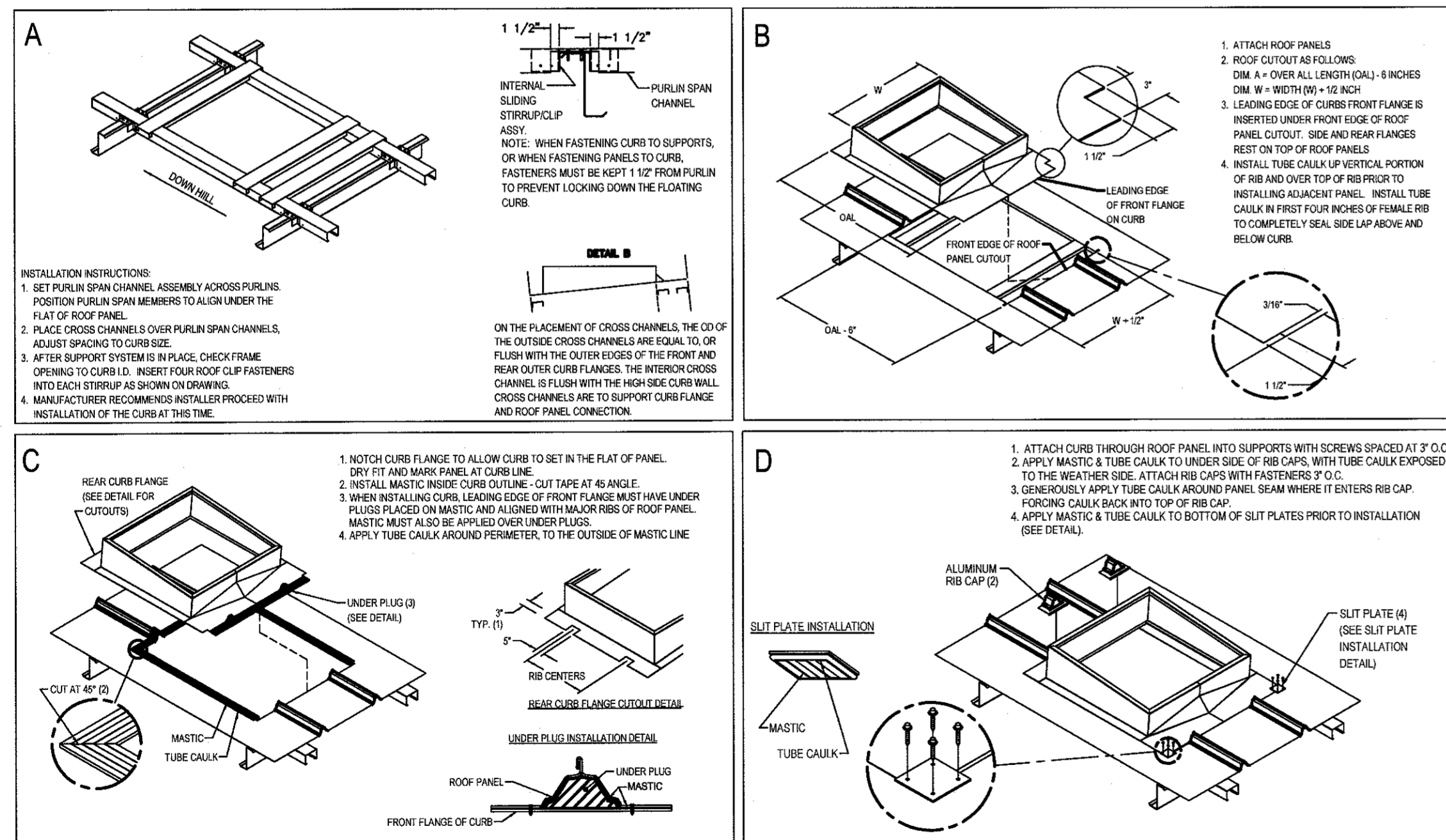
Ventilation Calculation (For Unit MS)								
Room Name(s)	Zone Type	Area (sq.ft.)	Rp	Ra	Default Occupancy	Pz	Ez	Airflow to Zone (cfm)
Retail Receiving	Retail Sales	6867	7.5	0.12	15	103.01	0.8	6000
	Shipping/Receiving	1085	0	0.12	0	0.00	0.8	2000
	N/A		0	0	0	0.00	0.8	
	N/A		0	0	0	0.00	0.8	
	N/A		0	0	0	0.00	0.8	
K-12 School?	No			Maximum Zp:	0.33262			
				Ev:	0.8			
				Actual System Population:	60			
Uncorrected Intake		1404 cfm						
Outdoor Air Intake		1755 cfm						
Percent of Unit Air		22%						

- DOLLAR GENERAL MECHANICAL NOTES:**
- PROVIDE CONCENTRIC DIFFUSER KIT AS SPECIFIED BY DOLLAR GENERAL (AVAILABLE THRU YORK, AN BE USED ON ALL VENDOR'S EQUIPMENT, CONTACT YORK NATIONAL PRICING. LOCATE BOTTOM OF DIFFUSER AT 12" A.F.F. CONCENTRIC DIFFUSER KIT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURERS INSTALLATION INSTRUCTIONS. CONCENTRIC DIFFUSER SHALL BE HARD DUCTED FROM HVAC UNIT. THE USE OF FLEXIBLE DUCT DROPS ARE NOT ALLOWED, NO EXCEPTIONS.
 - ALL HVAC UNITS REQUIRE AN ECONOMIZER AND BAROMETRIC RELIEF.
 - ALL SUPPLY AND EXHAUST AIR DUCTWORK SHALL BE CONSTRUCTED OF ROUND GALVANIZED SHEET METAL AND BE FABRICATED ACCORDING TO THE LATEST EDITION OF THE SMACNA HVAC DUCT CONSTRUCTION STANDARDS FOR METAL AND FLEXIBLE DUCTWORK. SUPPLY, RETURN AND POSITIVE PRESSURE EXHAUST DUCTWORK SHALL BE SEALED IN ACCORDANCE WITH SMACNA SEAL CLASS C.
 - TESTING OF HVAC UNITS THRU EMS PANEL IS ACCOMPLISHED BY WARMING UP OR COOLING DOWN A SPACE. TEMPERATURE SENSOR AND WATCH THE FAN, HEAT AND COOL STAGES CYCLE ON AND OFF. THIS REQUIRES TWO PEOPLE AT ALL TIMES. ONE TO WATCH THE SCREEN AND THE OTHER TO WATCH OPERATION OF THE HVAC UNIT. WHEN COMPLETE, PRESS THE HOME BUTTON TO RETURN TO THE MAIN SCREEN.
 - PROVIDE CEILING MOUNTED EXHAUST FANS FOR RESTROOMS, INTERLOCK WITH RESTROOM LIGHTS. EXHAUST FAN SHALL BE VENTED THRU SIDE WALL, NOT THRU THE ROOF.
 - ROOF CURB INFORMATION SEE DETAILS M2-2



VENTILATION CALCULATION TABLES | 1

MECHANICAL PLAN-SCALE 1/8"=1' | 2



CURB INSTALLATION INSTRUCTIONS

TRAPEZOIDAL STANDING SEAM PANEL - UNDER / OVER
FOLLOW MANUFACTURER'S SPECIFICATIONS

REQUIRED NATIONAL ACCOUNT ROOF CURB DG VENDORS:

ROOF CURB SYSTEMS	GREG SMYTH	800-683-5848	GSMYTH@ROOFCURB.COM
CURBS PLUS INC.	ALAN THRAILKILL	888-639-2872	ALAN.THRAILKILL@CURBS-PLUS.COM
KCC INTERNATIONAL INC.	GREG CONRAD	800-382-2872	GCONRAD@KCCCURBS.COM



4 M1 NTS
TYPICAL SUPPLY BRANCH CONNECTION DETAIL

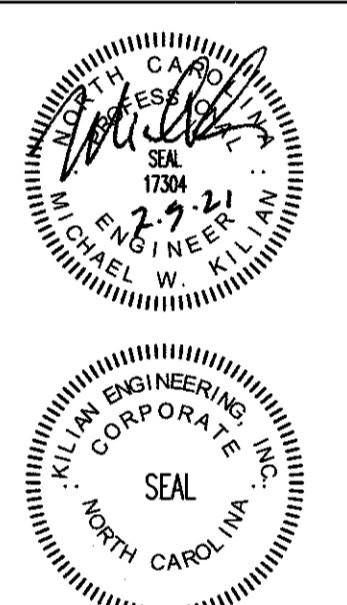
ROOF CURB DETAIL - NO SCALE | 3

HVAC WIRING DETAIL AND SYMBOL LEGEND | 4

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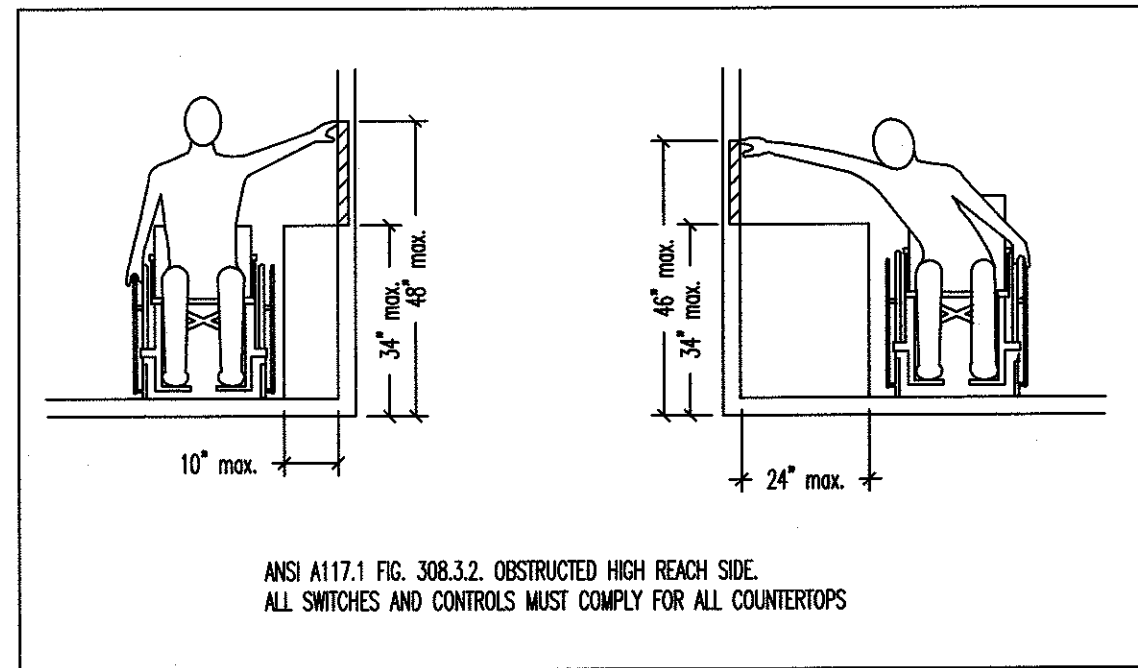
FOR NUMBER 21059
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REVISIONS

SHEET NUMBER

M-2

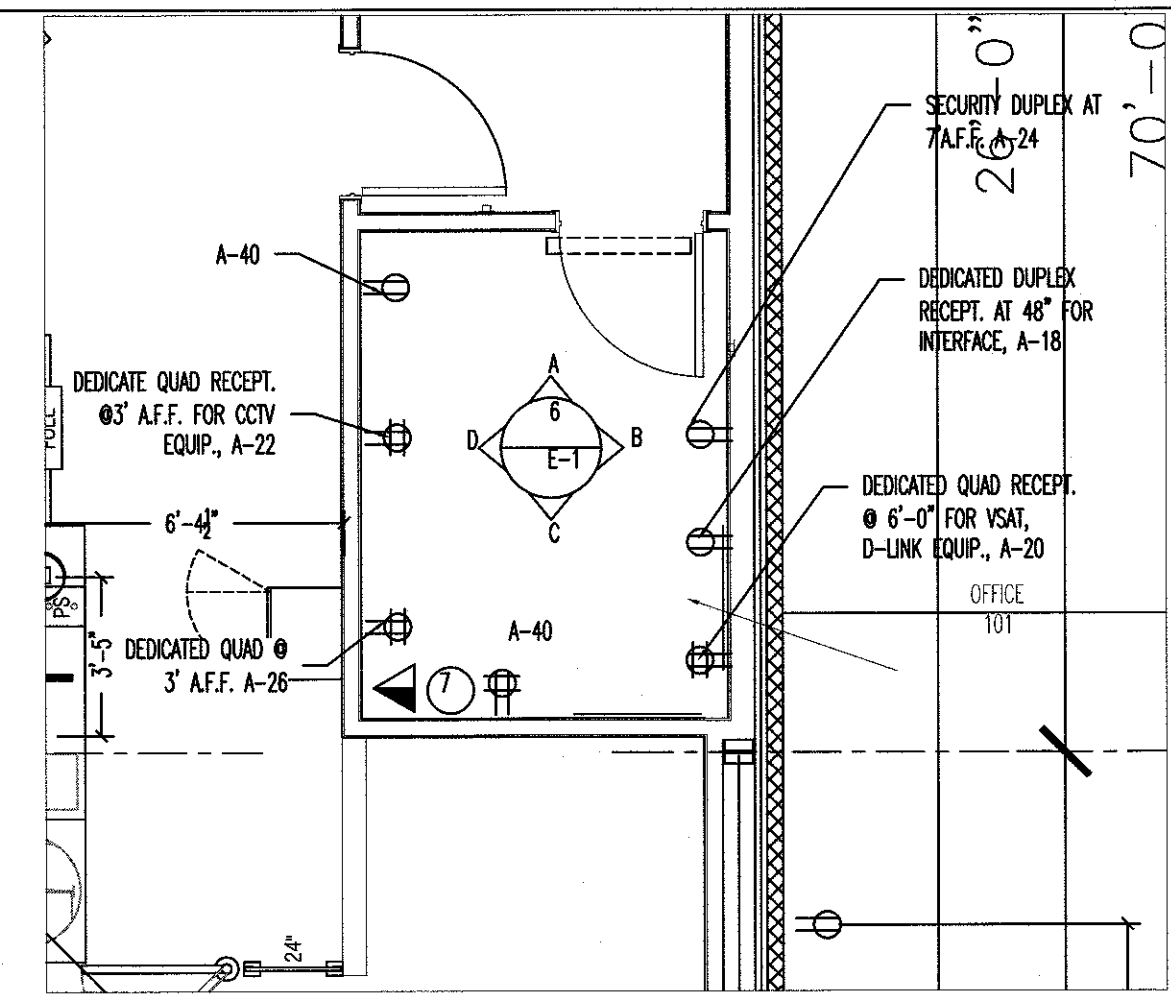
ELECTRICAL DEVICE LEGEND		
SYMBOL	DESCRIPTION	REMARKS
Ⓜ	WALL MOUNTED OCCUPANCY SENSOR	LEVITON ODS10-IDW LINE VOLTAGE CONTROL SWITCH
Ⓜ	JUNCTION BOX	
EF-1	EXHAUST FAN	VENT FAN, 120V, CFM AS NOTED MC TO PROVIDE AND VENT, EC TO WIRE.
▶	DATA AND TELEPHONE JACK	TELEPHONE OUTLET - 1 RJ-11, 1 RJ-45 OUTLET FOR VOICE AND DATA EC TO INSTALL 1" C. FROM OUTLET BOX TO ABOVE CEILING FOR FUTURE USE. PROVIDE CAT 5 CABLING AS NOTED ON PLANS.
▶	TELEPHONE JACK	TELEPHONE OUTLET - 1 DUAL RJ-45 OUTLET FOR VOICE AND DATA EC TO INSTALL 1" C. FROM OUTLET BOX TO ABOVE CEILING FOR FUTURE USE. COMMUNICATION WIRING BY OTHERS.
Ⓜ	DUPLEX GFCI RECEPTACLE	COMMERCIAL GRADE, 120V, 20A
Ⓜ	DUPLEX RECEPTACLE	COMMERCIAL GRADE, 120V, 20A
Ⓜ	QUAD RECEPTACLE	COMMERCIAL GRADE, 120V, 20A
Ⓜ	DUPLEX RECEPTACLE	COMMERCIAL GRADE, 120V, 20A, MOUNT AT COUNTER HEIGHT
Ⓜ	DUPLEX GFCI RECEPTACLE	COMMERCIAL GRADE, 120V, 20A, WITH WEATHER PROOF COVER
Ⓜ	4 PRONG TWIST LOCK RECEPT	COMMERCIAL GRADE, 125/250V NEMA L14-20R
Ⓜ	DISCONNECT SWITCH	NEMA 1N INTERIOR APPLICATIONS, NEMA 3R IN EXTERIOR APPLICATIONS, FUSIBLE AS NOTED
Ⓜ	BUZZER	TORK MDL # TA725 W/ TRANSFORMER MDL # TA592
●	POWER POLE	SEE DETAIL

ELECTRICAL DEVICE LEGEND | 1

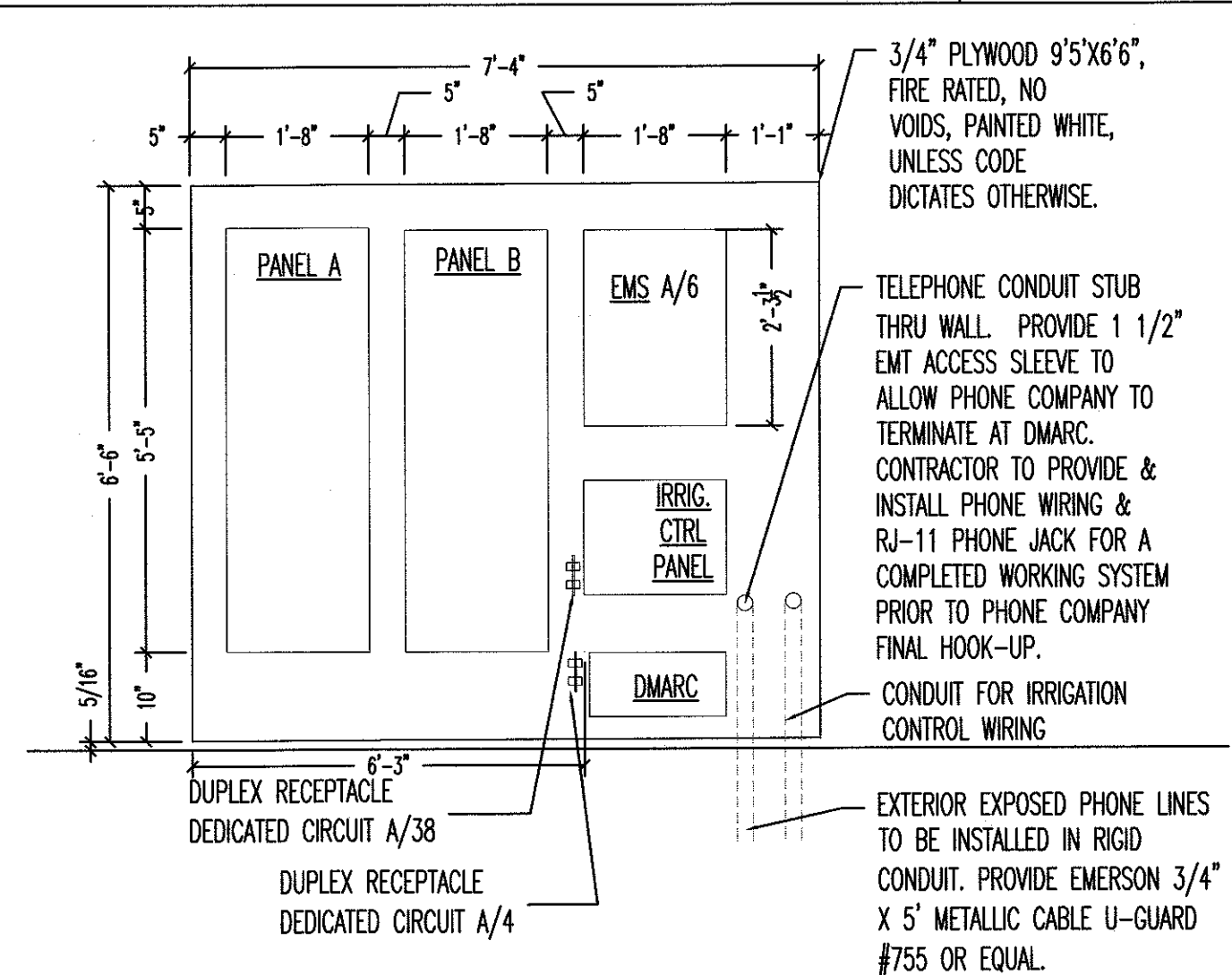


ANSI A117.1 FIG. 308.3.2 OBSTRUCTED HIGH REACH SIDE. ALL SWITCHES AND CONTROLS MUST COMPLY FOR ALL COUNTERTOPS

ANSI A117.1 HIGH SIDE REACH DETAIL-NO SCALE | 4



ENLARGED OFFICE LAYOUT - NTS | 2



ELECTRICAL PANEL ELEVATION-NO SCALE | 5

ELECTRICAL KEYED NOTES

- CONTROL STATION FOR STAND ALONE DUCT DETECTOR. ONE FOR EACH DEVICE. SEE KEY NOTE 5 ON THIS SHEET. SIMPLEX #4098-9842 IS SPECIFIED. WITH PIEZO AND LED INDICATOR
- MECHANICAL THERMOSTAT AT 6'-0" A.F.F.
- LOCATIONS SHOWN FOR MECHANICAL UNITS ARE ONLY APPROXIMATE. CONTRACTOR MUST CONSULT MECHANICAL OR STRUCTURAL DRAWINGS TO DETERMINE ACTUAL UNIT LOCATIONS. PROVIDE 1/2" C. PENETRATION THRU ROOF WITHIN FOOTPRINT OF UNIT FOR USE WITH CONTROL WIRING TO UNIT BY OTHERS. PROVIDE PROPER WATERSEAL. (TYPICAL)
- FACTORY MOUNTED CONVENIENCE OUTLET (ELECTRICAL CONTRACTOR TO PROVIDE IF NOT FACTORY INSTALLED). PROVIDE CIRCUIT AS SHOWN. WIRE ALL WITH THIS NOTE TO A SPARE BREAKER IN PANEL "A" IF THEY ARE NOT POWERED.
- PHOTOELECTRIC DUCT DETECTOR WITH HOUSING. TIE TO LED READOUT RECESSED IN DUCT. STAND ALONE DEVICE. PROVIDE CIRCUIT AS SHOWN. WIRE ALL WITH THIS NOTE TO A SPARE BREAKER IN PANEL "A" IF THEY ARE NOT POWERED.
- MOUNT DISCONNECT SWITCH AT UNIT. ALL DISCONNECTS TO BE HEAVY DUTY. FUSES TO BE RK-5 TYPE. BUSSMANN FRN-R (-AMP) IS SPECIFIED. SEE EQUIPMENT SCHEDULE ON E3.1.
- SO WHITE ELECTRICAL CORD IS NEEDED. SEE SHEET A1, NOTE 26.
- CONFIRM THE FINAL NUMBER AND LOCATION OF OUTLETS IN SALES AREA WITH THE FINAL DG FIXTURE PLAN.
- PROVIDE 208V, 1 PHASE CONNECTION TO A J-BOX AT 100" AFF WITH (3)#12 CU. & #12 GROUND IN 3/4" C. REFRIGERATION CONTRACTOR TO PROVIDE AND INSTALL 30A/2NF DISCONNECT SWITCH AND WIRE FROM DISCONNECT SWITCH TO EQUIPMENT CONNECTIONS.
- PROVIDE 208V, 1 PHASE CONNECTION TO A J-BOX AT 100" AFF WITH (3)#10 CU. & #10 GROUND IN 1" C. REFRIGERATION CONTRACTOR TO PROVIDE AND INSTALL 60A/2NF DISCONNECT SWITCH AND WIRE FROM DISCONNECT SWITCH TO EQUIPMENT CONNECTIONS.
- PROVIDE 208V, 1 PHASE CONNECTION TO A J-BOX AT 100" AFF WITH (3)#10 CU. & #10 GROUND IN 3/4" C. REFRIGERATION CONTRACTOR TO PROVIDE AND INSTALL 30A/2NF DISCONNECT SWITCH AND WIRE FROM DISCONNECT SWITCH TO EQUIPMENT CONNECTIONS.
- MOUNT J-BOX 11" FROM THE RIGHT SIDE OF EACH UNIT. CONFIRM EXACT LOCATION WITH REFRIGERATION VENDOR PRIOR TO WORK (TYPICAL).

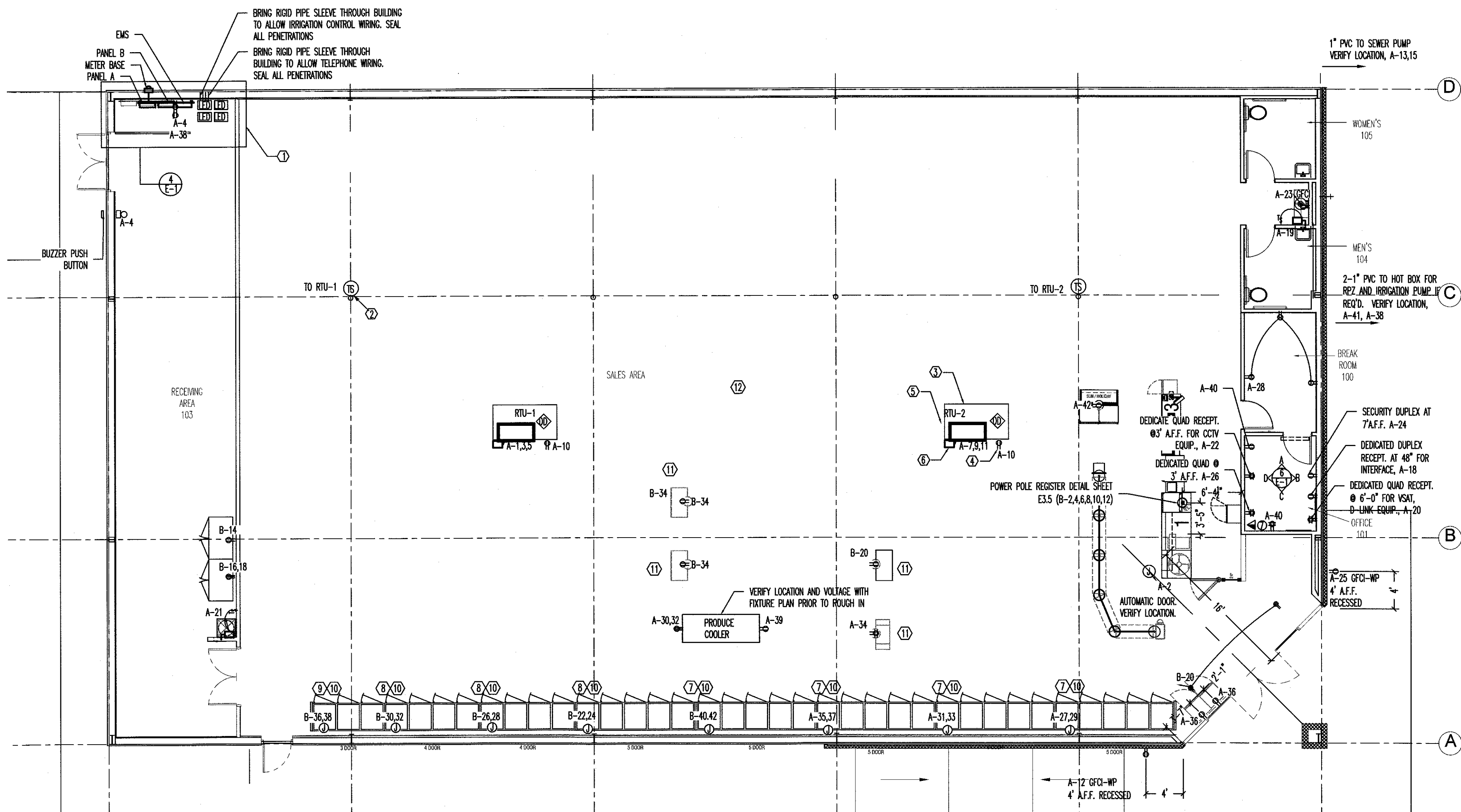
ELECTRICAL SPECIFICATIONS

- ALL WIRING SHALL BE CONTAINED IN CONDUIT OF PROPER SIZE.
- ALL WIRING SHALL CONFORM TO LOCAL, STATE AND FEDERAL CODES.
- SERVICE IS TO BE A MINIMUM 400 AMP, 3 PHASE (PREFERRED), 600 AMP, 1 PHASE OR LARGER IF REQUIRED BY CODE OR ELECTRICAL LOAD.
- REQUIRED CUSTOM BUILT POWER POLE ASSEMBLIES AVAILABLE FROM D&P CUSTOM LIGHTS & PRODUCTS INC., PHONE: (800) 251-2200 OR (815) 350-7800, 7111 COCKRILL BEND INDUSTRIAL ROAD, NASHVILLE, TN 37209. SEE E3.1.
- EXTERIOR EXPOSED PHONE LINES TO BE INSTALLED IN RIGID CONDUIT. PROVIDE EMERSON 3/4" X 5'-FT. METALLIC CABLE U-GUARD #755, OR EQUAL.
- ELECTRICAL PANEL TO BE LABELED CORRECTLY WITH LEGIBLE PRINT.
- LOW VOLTAGE VENDOR TO PROVIDE AND INSTALL ONE (1) 24 GA. 4 TWISTED-PAIR, CATEGORY-FIVE (CAT5) DATA CABLE WITH MODULAR COMBO RJ-11/RJ-45 JACK AT MANAGER'S OFFICE. CABLE TO BE RUN FROM JACK TO DATA HUB LOCATION WITH 6'-0" LEFT COILED FOR INSTALLATION TO DATA HUB. A RJ-45 MALE FITTING SHOULD BE CRIMPED ON THIS END. DOLLAR GENERAL STORE OPENING TEAM WILL MAKE FINAL CONNECTION INTO THE DATA HUB.
- PROVIDE 1 1/2" EMT CONDUIT TO ACT AS ACCESS SLEEVE TO ALLOW PHONE COMPANY TO TERMINATE AT DMARC. CONTRACTOR TO PROVIDE AND INSTALL PHONE WIRING & RJ-11 PHONE JACK FOR COMPLETED WORKING SYSTEM PRIOR TO PHONE COMPANY FINAL HOOK-UP.
- ALL 120 VOLT OUTDOOR RECEPTACLES TO HAVE "WET LOCATION - IN USE" COVERS.
- ALL CONDUCTORS TO BE COPPER, #12 AWG MINIMUM SIZE, OR AS REQUIRED BY LOAD AND OVER CURRENT PROTECTION.
- SEE EMS SHEETS EMS1 AND EMS2 FOR ENERGY MANAGEMENT SYMBOLS AND INFORMATION.
- ELECTRICIAN TO PROVIDE 1 1/2" CONDUIT WITH PULL STRINGS FOR SATELLITE LOCATION.
- ALL POWER AND DATA TO BE ROUTED OVERHEAD. UNDER SLAB NOT ALLOWED.
- WIRE SIZE TO BE #8 OR #10 FOR ALL COOLERS/FREEZERS.
- MOUNT ALL REFRIGERATOR OUTLETS AT 12" AFF.

ELECTRICAL PANEL ELEVATION-NO SCALE | 6

LEGEND	
SYMB	DESCRIPTION
Ⓜ	BUZZER (TORK TA725) WITH TRANSFORMER (TORK TA592)
●	COMMERCIAL GRADE PUSH BUTTON
Ⓜ	125V NEMA 5-15R DUPLEX
Ⓜ	125V NEMA 5-15R QUAD
Ⓜ	125/250V NEMA L14-15-R 4-PRONG TWIST-LOCK
Ⓜ	DISCONNECT
■	BLACK MAGIC POWER POLE
▶	PHONE JACK AT REGISTER
○	RJ-11, RJ-45 DATA JACK, PHONE COMBO AT OFFICE
A/23	PANEL/CIRCUIT NUMBER
\$	20 AMP TOGGLE SWITCH
\$m	PROVIDE OCCUPANCY LIGHT SENSOR (LEVITON ODS10-IDW)
NL	NIGHT LIGHT CIRCUIT

ELECTRICAL KEYED NOTES AND LEGEND | 3



ELECTRICAL POWER PLAN - SCALE: 1/8"=1' | 7

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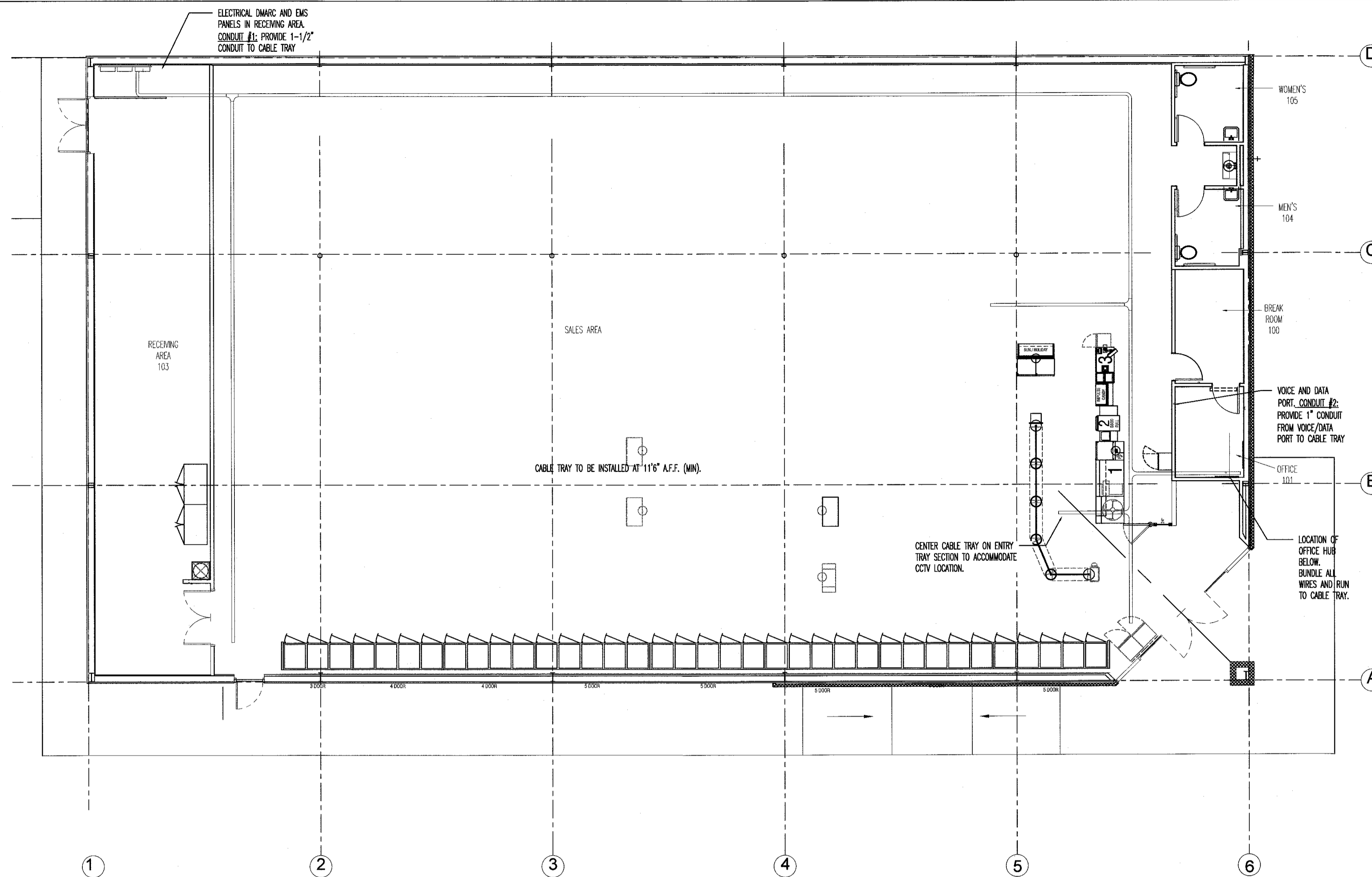
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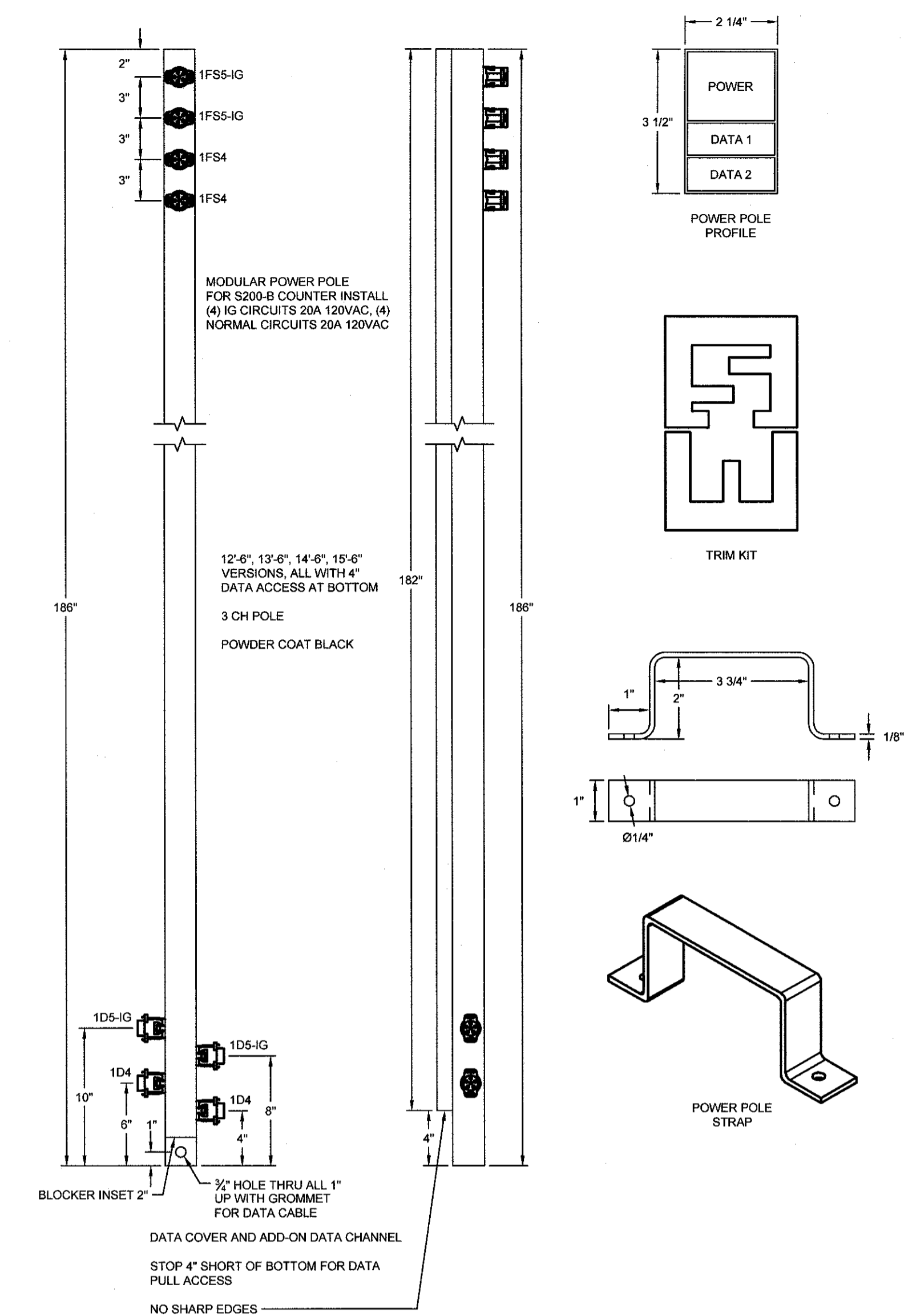
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DATE: 02/05/2021
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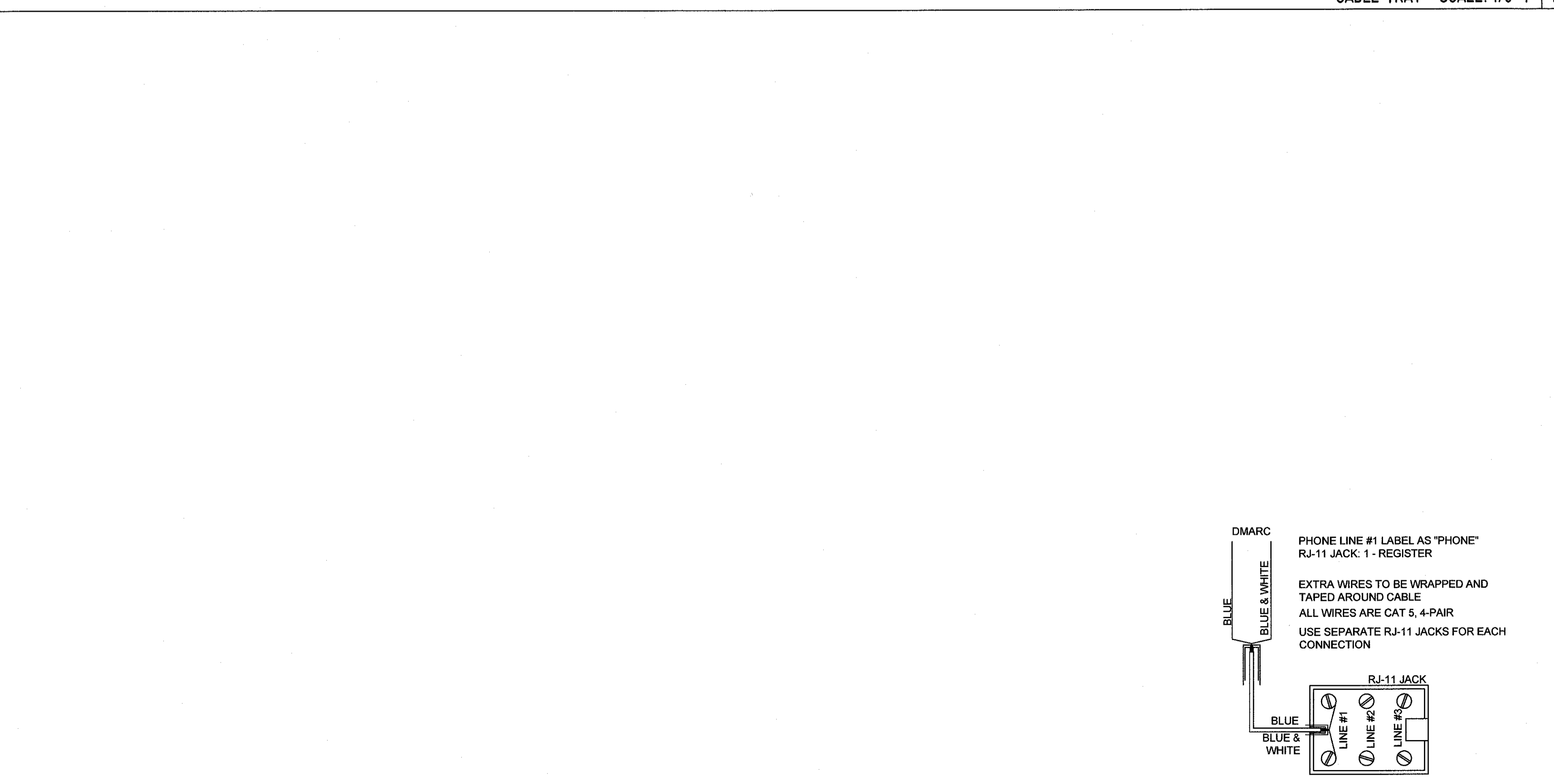
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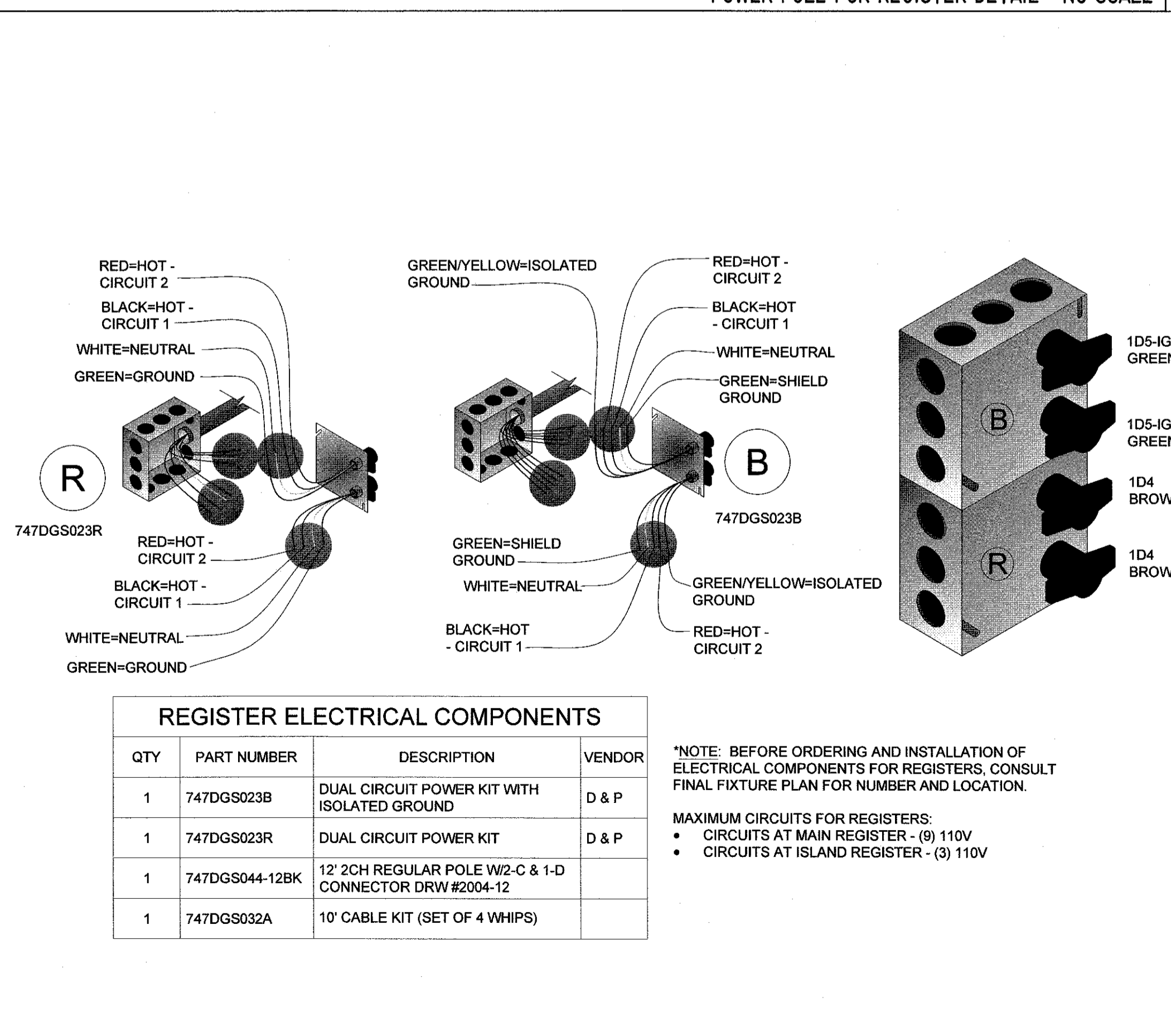
CABLE TRAY - SCALE: 1/8"=1' |



POWER POLE FOR REGISTER DETAIL - NO SCALE | 3



PHONE WIRING FOR REGISTER DETAIL - NO SCALE | 2



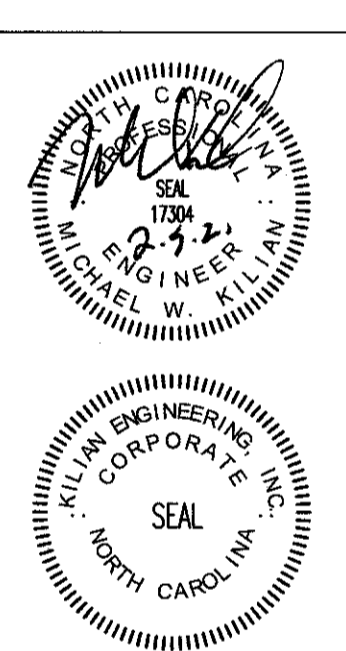
FREEZER/COOLER POWER POLE - NO SCALE | 4

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SHEET NUMBER
E-3

PANEL A									
CKT	LOAD	BKR	LOAD kVA	PH	LOAD kVA	BKR	LOAD	CKT	
1			14.87	A	0.10	20/1	AUTOMATIC DOOR	②	
3	RTU-1	125/3	14.87	B	0.36	20/1	TELEPHONE BOARD/RUZZER	④	
5			14.87	C	0.18	20/1	ENERGY MANAGEMENT	⑥	
7			14.87	A	0.18	20/1	RECEPT FOR IRRIGATION PANEL	8	
9	RTU-2	125/3	14.87	B	0.72	20/1	OD HVAC RECEPT (CN ROOF)	10	
11			14.87	C	0.18	20/1	OD DRINK VEND	12	
13	SEWER PUMP	35/2	2.88	A	1.00	20/2	FREEZER #1	14	
15			2.88	B	1.00			16	
17	SPARE	20/1	0.00	C	0.50	20/1	INTERFACE EQUIPMENT	18	
⑪	WATER HEATER	20/1	1.70	A	0.50	20/1	VSAT SATE HUB EQUIPMENT	20	
⑫	WATER HEATER	20/1	1.70	B	0.50	20/1	CCTV EQUIP	22	
23	DRINKING FOUNTAIN	20/1	0.18	C	0.18	20/1	SECURITY RECEPT.	⑭	
⑯	OUTDOOR ICE RECEPT.	20/1	0.18	A	0.36	20/1	OFFICE RECEPT.	⑮	
⑰			1.30	B	0.54	20/1	BREAK ROOM RECEPT.	28	
⑲	COOLER #1	15/2	1.30	C	1.70	20/2	PRODUCE COOLER	30	
⑳			1.30	A	1.70	20/2		32	
㉑	COOLER #2	15/2	1.30	B	1.20	20/1	ICE CREAM FREEZER	⑳	
㉒			1.30	C	1.60	20/1	GATORADE	㉓	
㉔	COOLER #3	15/2	1.30	A	1.00	20/1	IRRIGATION PUMP	38	
39	PRODUCE COOLER	20/1	0.18	B	0.54	20/1	OFFICE RECEPT.	40	
41	HOT BDX	20/1	1.00	C	1.20	20/1	IMPULSE COOLER	⑳	
			kVA	PH	AMPS				
			41.9	A	350				
			42.0	B	350				
			39.1	C	326				
			VOLTAGE/PHASE				208Y/120V, 3P, 4W		
			BUS RATING				400A		
			NEUTRAL BUS RATING				400A		
			MAIN CIRCUIT BREAKER RATING				400A		
			AIC RATING				22K		
			SERVICE ENTRANCE RATED				YES		
			ENCLOSURE				NEMA 1		
			MOUNTING				SURFACE		
			ISOLATED GROUND BUS				N/A		

NOTE: CIRCLED CIRCUITS REPRESENT BREAKER LOCKS

PANEL B									
CKT	LOAD	BKR	LOAD kVA	PH	LOAD kVA	BKR	LOAD	CKT	
①	NIGHT LTS	20/1	0.30	A	1.20	20/1	POWER TERMINAL BRN	②	
③	RECEIVING LTS	20/1	0.24	B	1.20	20/1	POWER TERMINAL BRN	④	
5	SALES LIGHTS	20/1	0.50	C	1.20	20/1	POWER TERMINAL GRN	⑥	
7	SALES LIGHTS	20/1	0.78	A	1.20	20/1	POWER TERMINAL GRN	⑧	
9	SALES LIGHTS	20/1	0.56	B	1.20	20/1	POWER TERMINAL GRN	⑩	
11	SALES LIGHTS	20/1	0.45	C	1.20	20/1	POWER TERMINAL BRN	⑫	
13	SALES LIGHTS	20/1	0.90	A	0.70	20/1	COOLER #3	⑭	
15	SALES LIGHTS	20/1	0.90	B	1.00			⑮	
17	BUILDING SIGN	20/1	1.20	C	1.00	20/2	FREEZER #2	⑰	
⑲	EMERGENCY/EXIT LIGHTS	20/1	0.40	A	1.60	20/1	DRINK COOLERS	⑳	
㉑	BREAK RM/OFFICE/RR LTS & RR EP'S	20/1	0.50	B	3.90	40/2	FREEZER #3	㉒	
23	BUILDING SIGN	20/1	1.20	C	3.90			㉔	
25	PROD SIGNS	20/1	0.90	A	3.20	40/2	FREEZER #4	㉖	
27	SITE LIGHTING	20/1	1.20	B	3.20			㉘	
29	SITE LIGHTING	20/1	0.50	C	3.20	40/2	FREEZER #5	㉚	
31	SPARE	20/1	0.00	A	3.20			㉜	
33	EXTERIOR LTS	20/1	0.56	B	1.60	20/1	SODA COOLERS	㉞	
35	FRONT EXTERIOR/CANDPY LTS	20/1	0.28	C	2.60	25/2	FREEZER #6	㉠	
37	SPARE	20/1	0.00	A	2.60			㉡	
39	SPARE	20/1	0.00	B	1.30	15/2	COOLER #4	㉣	
41	EXTERIOR BUS/DWV	20/1	0.13	C	1.30			㉥	
			kVA	PH	AMPS				
			17.0	A	142				
			17.4	B	145				
			19.1	C	159				
			VOLTAGE/PHASE				208Y/120V, 3P, 4W		
			BUS RATING				200A		
			NEUTRAL BUS RATING				200A		
			MAIN CIRCUIT BREAKER RATING				200A		
			AIC RATING				22K		
			SERVICE ENTRANCE RATED				YES		
			ENCLOSURE				NEMA 1		
			MOUNTING				SURFACE		
			ISOLATED GROUND BUS				N/A		

NOTE: CIRCLED CIRCUITS REPRESENT BREAKER LOCKS
NOTE: SHADED CIRCUITS RUN THROUGH EMS PANEL
PANEL B HAS BOTH ISOLATED GROUND BUS AND A STANDARD BONDED GROUND BUS.

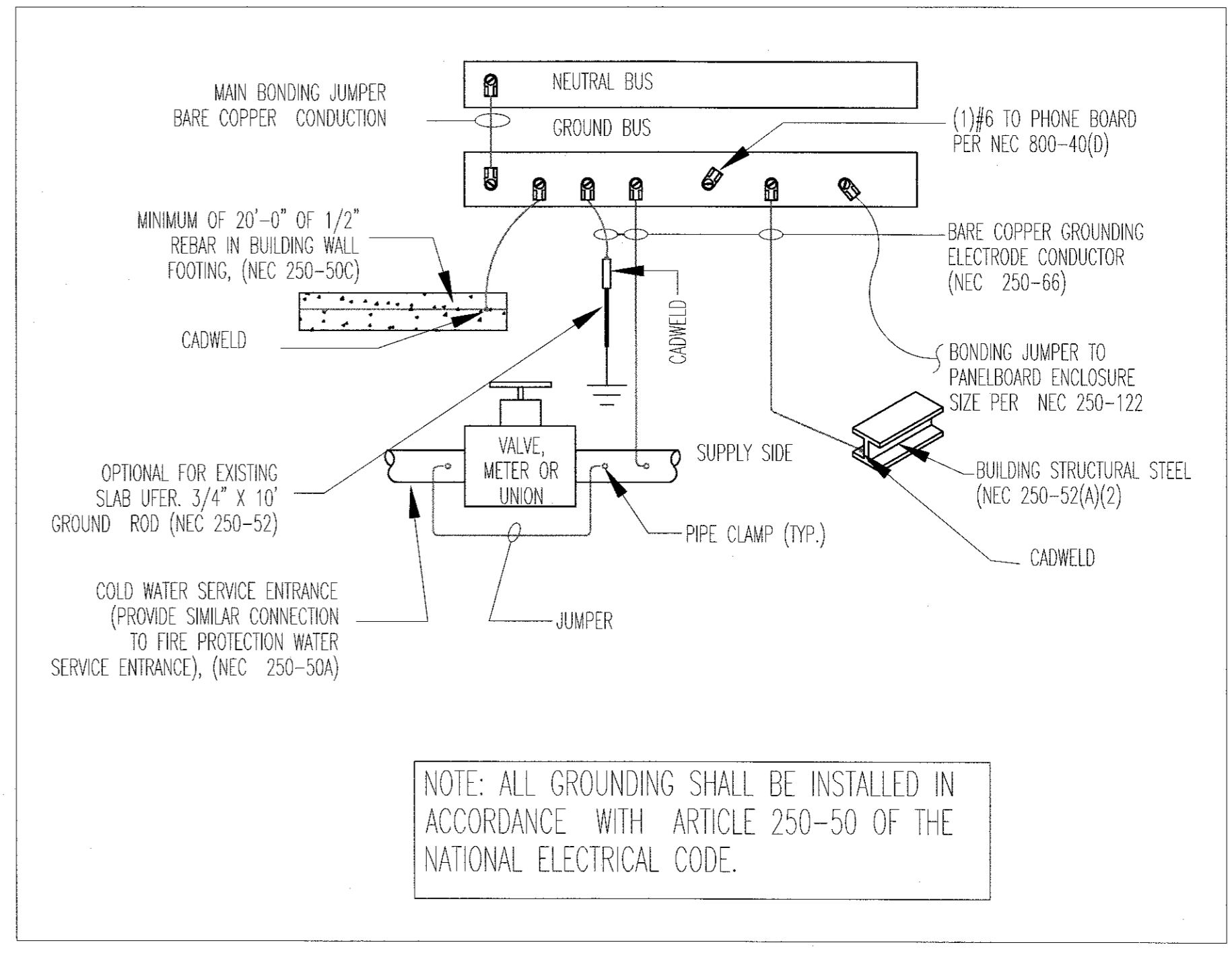
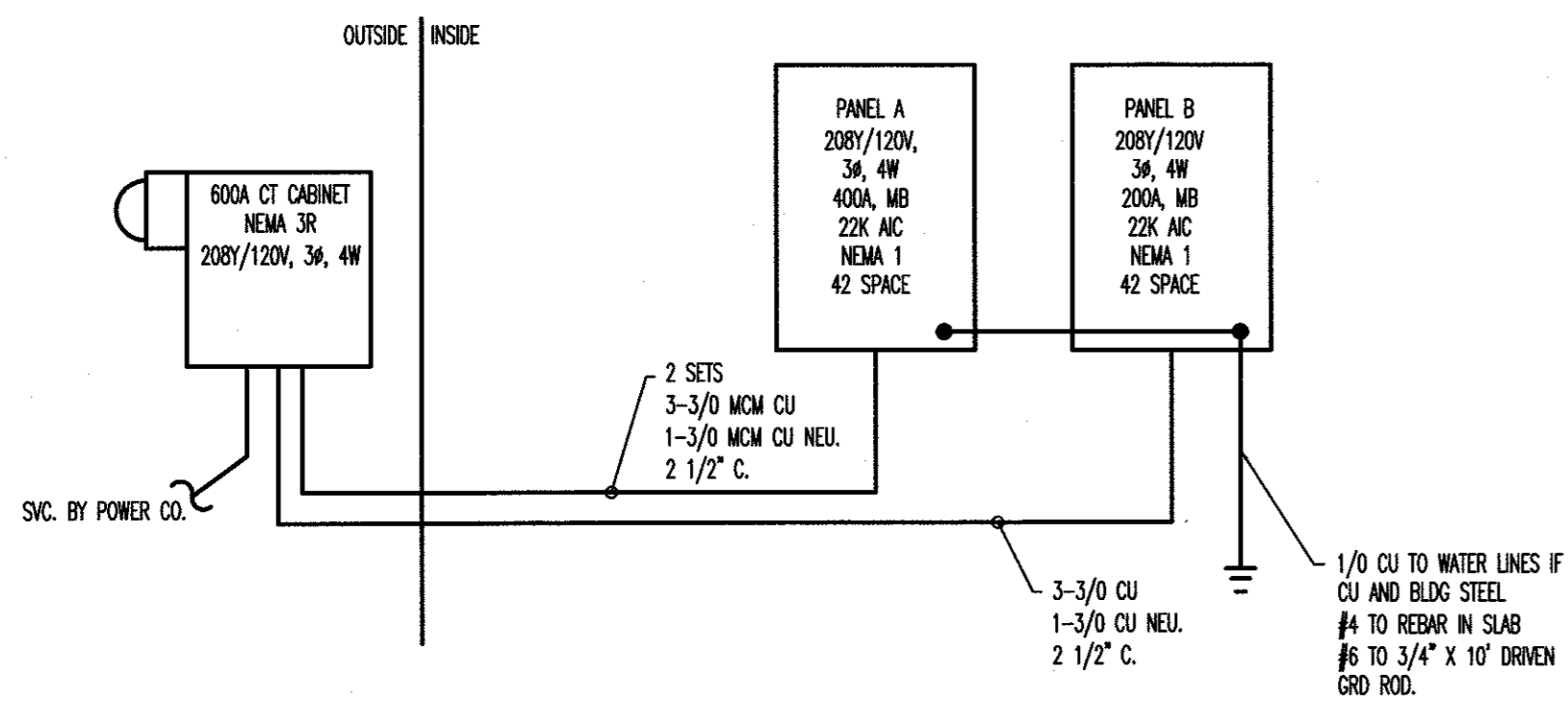
NEC ELECTRIC DEMAND SUMMARY 208Y/120V, 3P, 4W					
EQUIPMENT	DEMAND FACTOR	KVA			LOAD KVA
		A	B	C	
LIGHTING 1	125%	11.51	11.51	11.51	34.53
RECEPTACLES < 10 kVA 5	100%	1.80	1.80	1.80	5.40
RECEPTACLES > 10 kVA 5	50%	0.00	0.00	0.00	0.00
HVAC 2	100%	29.74	29.74	29.74	89.22
WATER HEATER	100%	1.70	1.70	0.00	3.40
SHOW WINDOW 3	125%	1.53	1.53	1.53	4.59
SIGN 6	125%	1.20	0.90	0.00	2.10
FREEZERS/COOLERS	100%	16.60	15.80	17.90	50.30
DEMAND KVA PER PHASE		64.08	62.98	62.48	
DEMAND AMPS PER PHASE		534	525	520	

- 9209 SF X 3WA/SF X 1.25 PER NEC 220.12. THIS EXCEEDS THE CONNECTED LIGHTING LOAD.
- ALL HVAC EQUIPMENT IS BASED ON MCA.
- NOT USED.
- 23 FT X 150 VA/2FT PER NEC 220.43(B).
- NOT USED.
- PER NEC 220.14(F).
- NOT USED.

EQUIPMENT CONNECTION SCHEDULE												
SYMBOL	DESCRIPTION	FURN. BY	KVA	HP	VOLT/PH	MCA	MOCF	DISC	AWG	EGC	COND	NOTES
RTU-1,2	AIR CONDITIONERS	M.C.	-	-	208/3	124.0	125	200	#1	#6	2"	
P-11	WATER HEATERS	P.C.	1.65	-	120/1	13.00	20	30	#12	#12	3/4"	

BREAKER FEEDER SCHEDULE B			
AMPS	WIRE SIZE	GROUND SIZE	CONDUIT SIZE
15A	#12	#12	1 1/2"
20A	#12	#12	1 1/2"
25A	#10	#10	3/4"
30A	#10	#10	3/4"
35A	#8	#10	1"
40A	#8	#10	1"
50A	#8	#10	1"
60A	#6	#10	1 1/4"
70A	#4	#8	1 1/4"
80A	#4	#8	1 1/4"
90A	#3	#8	1 1/2"
100A	#3	#8	1 1/2"
110A	#2	#6	2"
125A	#1	#6	2"
150A	1/0	#6	2 1/2"
175A	2/0	#6	2 1/2"
200A	3/0	#6	2 1/2"
225A	4/0	#4	2 1/2"
250A	250 MCM	#4	3"
300A	350 MCM	#4	3 1/2"
350A	500 MCM	#3	4"
400A	2 SETS - 3/0	#3	2 1/2"

1 CONDUCTOR PER POLE PLUS NEUTRAL PER SET. E.G. TO VERIFY NECESSITY OF NEUTRAL FOR EACH CIRCUIT. NEUTRAL MAY BE DELETED IF NOT REQUIRED FOR INDIVIDUAL PIECES.



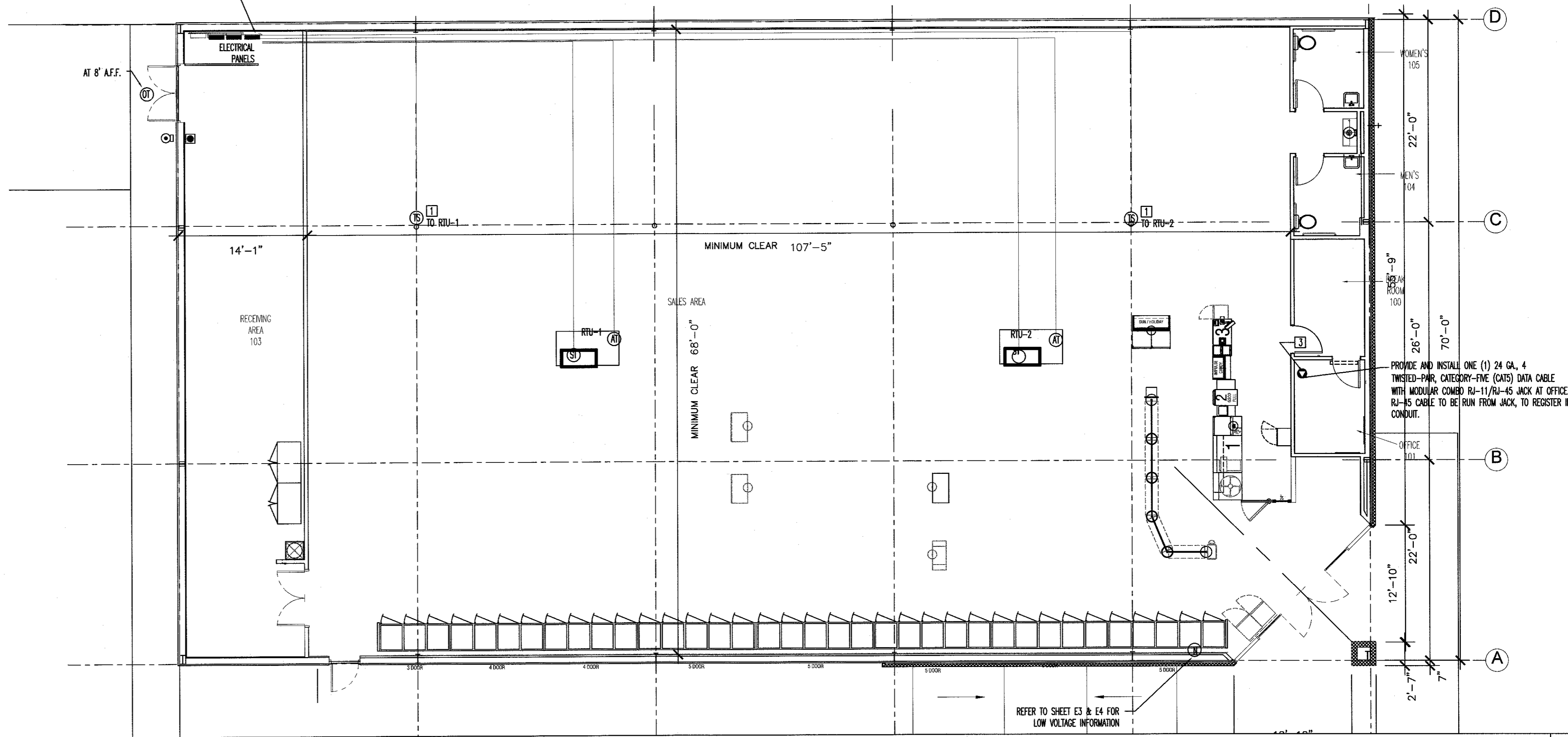
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21059
02/05/2021

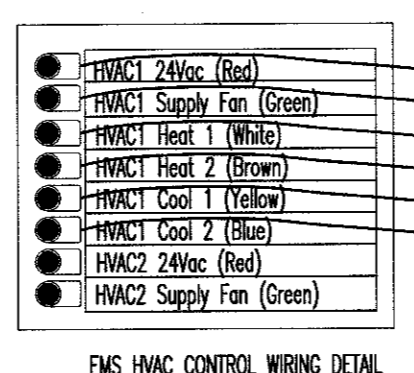
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SPRING LAKE, NC 28390

E-4

EMERSON PRE-PROGRAMMED E2 CZ-100 CONTROLLER "EMS PANEL", MTD. NEXT TO ELECTRICAL PANELS, AS CLOSE AS POSSIBLE.



LOW VOLTAGE WIRING PLAN-SCALE 1/8"=1' | 1



EMS HVAC CONTROL WIRING DETAIL

DEVICE SCHEDULE					
SYMB	DESCRIPTION	CABLE TYPE	SUPPLIER	INSTALLER	NOTES
OT	OUTDOOR AIR TEMP (501-1122) MOUNTED 8'-0" A.F.F.	BELDEN 8761 OR EQUIVALENT (22AWG, 2C, STRANDED, SHIELDED)	EMS SUPPLIER	GENERAL CONTRACTOR	(1) PER RECEIVING ENTRY
ST	SUPPLY TEMP (201-0041) IN SUPPLY DUCT	BELDEN 8761 OR EQUIVALENT (22AWG, 2C, STRANDED, SHIELDED)	EMS SUPPLIER	GENERAL CONTRACTOR	(1) PER HVAC UNIT
TS	TOUCHSCREEN THERMOSTAT (810-1600) 8'-0" A.F.F.	8C T-STAT CABLE	EMS SUPPLIER	GENERAL CONTRACTOR	(1) PER HVAC UNIT ZONE
●	RJ-11/RJ-45 DATA JACK PHONE COMBO	CAT-5 DATA CABLE (24AWG, 4 TWISTED PAIR)	GENERAL CONTRACTOR	GENERAL CONTRACTOR	(1) AT OFFICE COMPUTER CART
\$m	MOTION SENSOR SWITCH	LEVITON EZ-FIND ODS-10-IDW	GENERAL CONTRACTOR	GENERAL CONTRACTOR	(1) PER RESTROOM (1) PER BREAK ROOM (1) PER OFFICE

GENERAL NOTES

A. REFER TO E1 FOR GENERAL CONTRACTOR RESPONSIBILITIES. E.C. MAY USE CABLE TRAY FOR LOW VOLTAGE CABLES, SEE 2/E2.

B. RUN CONDUIT FROM SENSORS TO BOTTOM OF STRUCTURE.

C. REFRIGERATION UNITS TO BE CONNECTED TO EMS PANEL BY DOLLAR GENERAL REFRIGERATION CONTRACTOR.

SENSOR PLAN KEYED NOTES

1. ALWAYS INSTALL THERMOSTATS 8'-0" A.F.F. THE EXACT MOUNTING LOCATION OF THE THERMOSTAT "TS" MAY VARY DEPENDING ON THE STORE LAYOUT AND DUCT CONFIGURATION. REFER TO SITE SPECIFIC MECHANICAL DRAWINGS FOR HVAC ZONED THERMOSTAT MOUNTING LOCATIONS. IF THERMOSTATS ARE MOUNTED ON EXTERIOR WALLS DUE TO DUCT CONFIGURATION, THEY ARE THEN TO BE INSULATED TO PREVENT AIR INFILTRATION. IF ADDITIONAL HVAC UNITS ARE USED, ADD ADDITIONAL THERMOSTATS "TS".

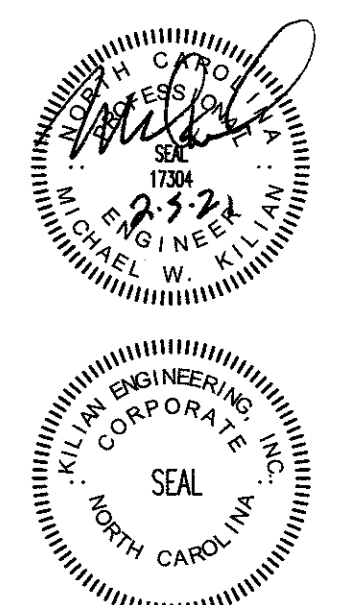
2. ADD ADDITIONAL HVAC UNIT WHEN REQUIRED.

3. PHONE LINE #1 - TWO RJ-11 PORTS. ONE (1) LOCATED IN OFFICE WRJ-45 DATA JACK COMBO AND ONE (1) AT REGISTER. 24 GA. CAT 5, 4-PAIR TWISTED WIRE ONLY. USE BLUE AND BLUE & WHITE WIRES. HOOK TO LINE #1 TERMINAL IN RJ-11 JACK EACH PHONE JACK TO HAVE DEDICATED, SEPARATE HOME RUN TO DMARC. LABEL AS "PHONE" AT THE DESTINATION AND AT DMARC. PHONE COMPANY PROVIDES FINAL HOOK UP TO DMARC ONLY. PHONE LINE #2 - RJ-11 PHONE JACK SUPPLIED AND WIRED BY CONTRACTOR.

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 WILMINGTON OFFICE
 910.251.8699
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 Wilmington, NC 28401
 Phone: 910.251.8699
 Fax: 910.251.9989
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 211 East 2nd Street
 Wilson, NC 27893
 Phone: 252.399.2100
 Fax: 252.399.2101

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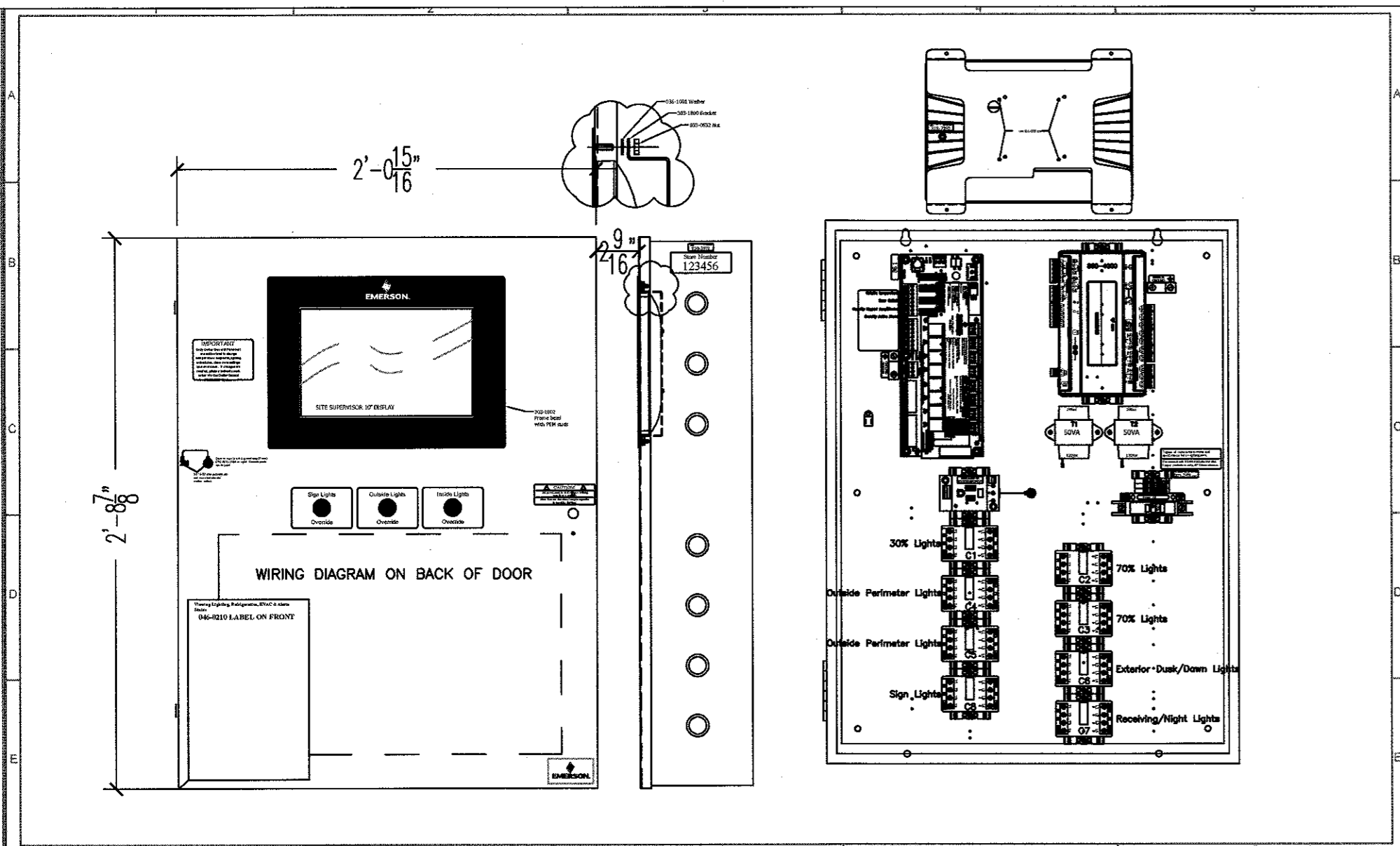
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 P.O. Box 3301, Henderson, NC 27536 | www.kilianengineering.com
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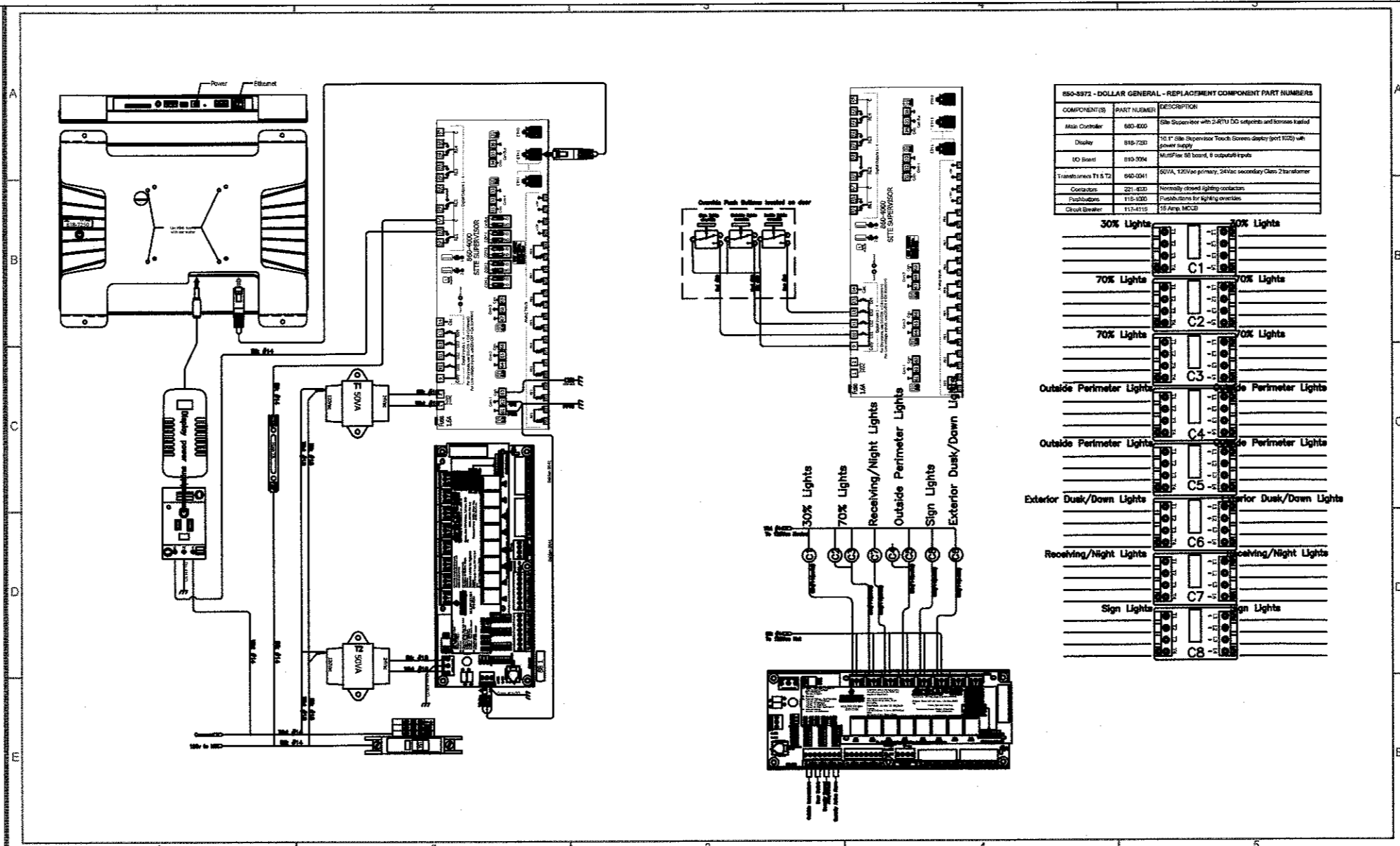
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 SPRING LAKE, NC 28390

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 DATE
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 REVISIONS

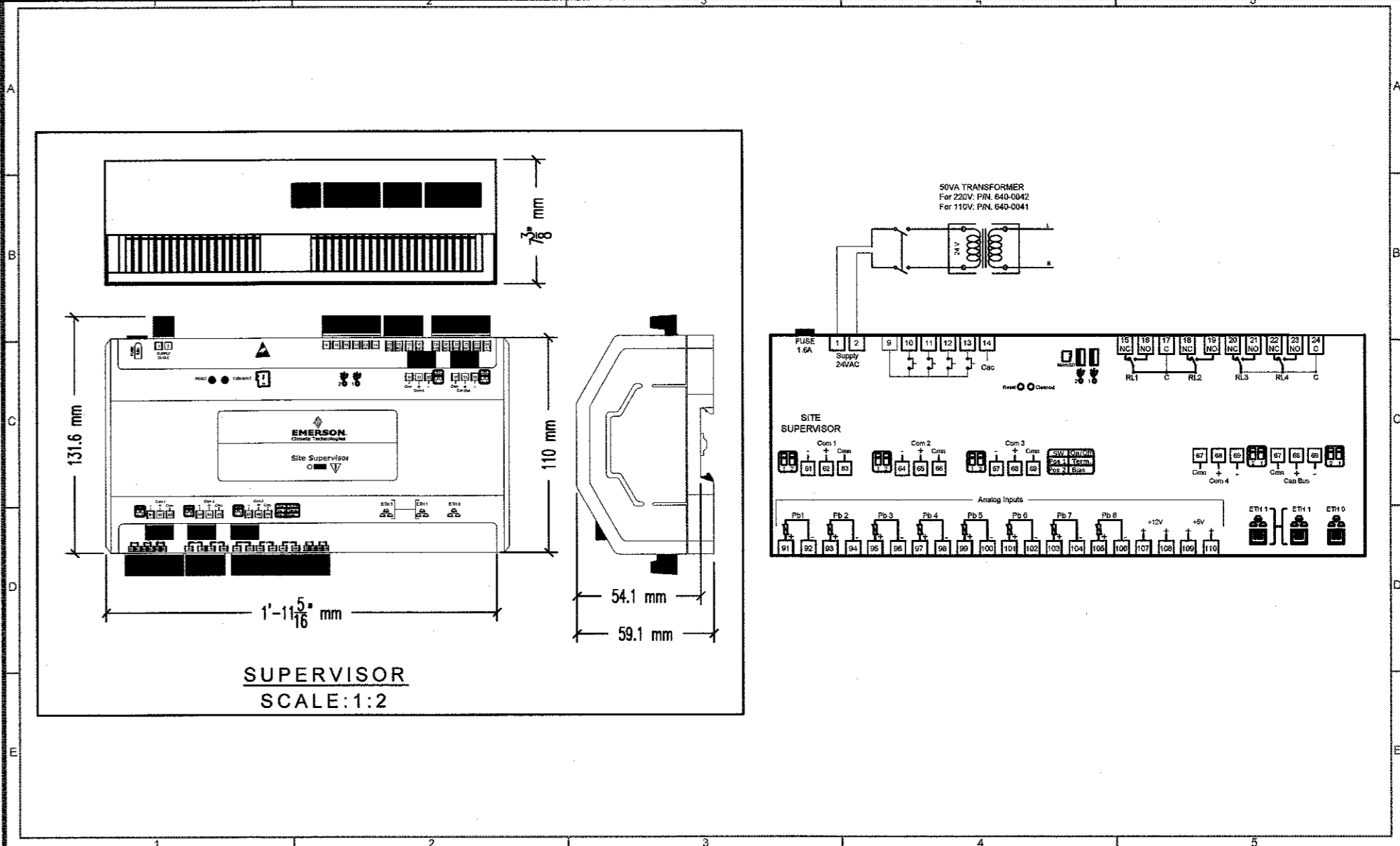
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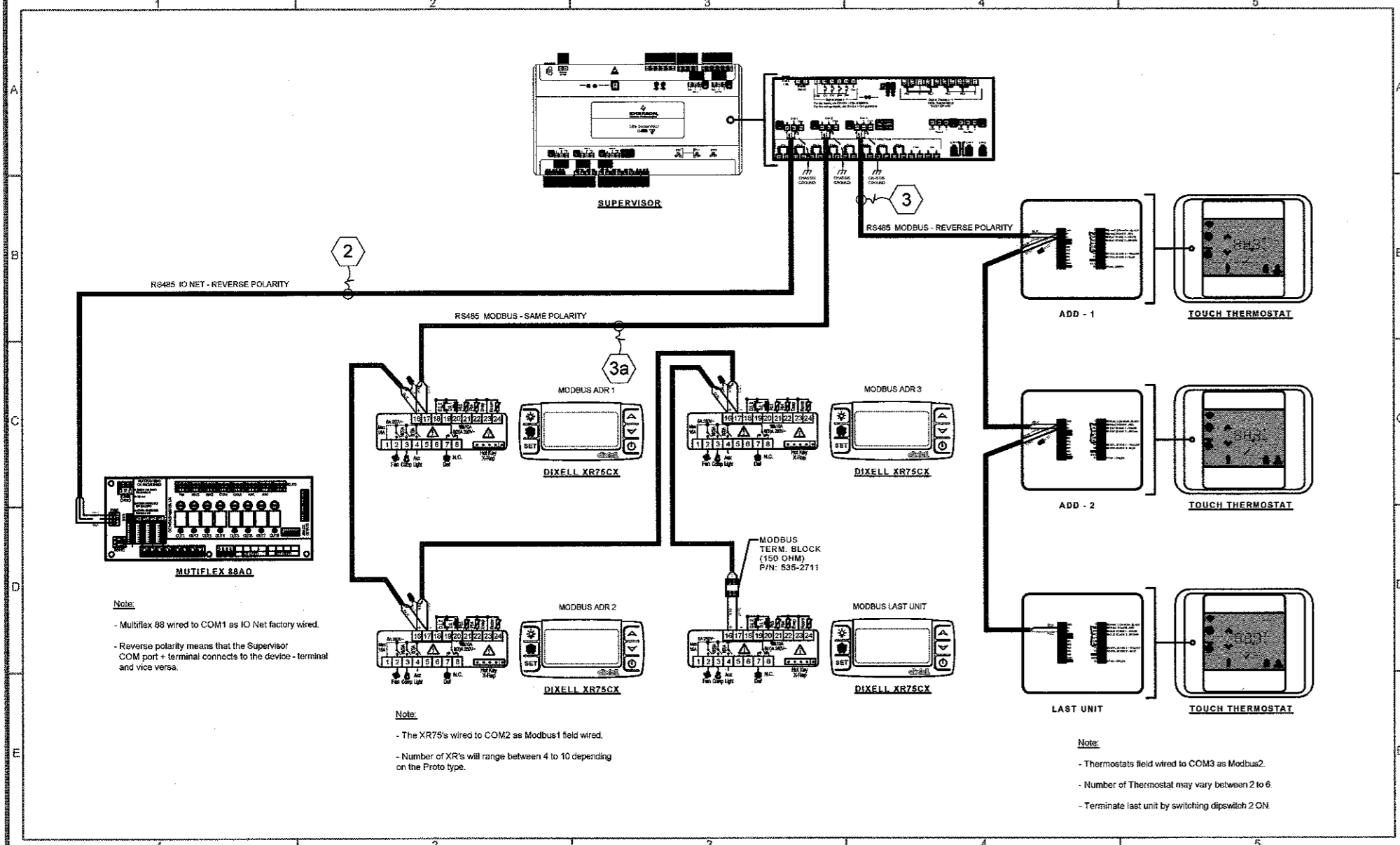
EMERSON	EMERSON COMMERCIAL AND RESIDENTIAL SOLUTIONS	WWW.EMERSON.COM For Technical Support: SupportUSA@emerson.com	TITLE PANEL, SUPERVISOR, 88A0, 8-NC 30A LIGHTING DESIGNED BY DOLLAR GENERAL DATE 12/18/19 REVISED BY LUTHER FILE NAME DOLLAR GENERAL REVISION AND DATE Rev28 - 12/18/19	NOTES / COMMENTS	DC 01
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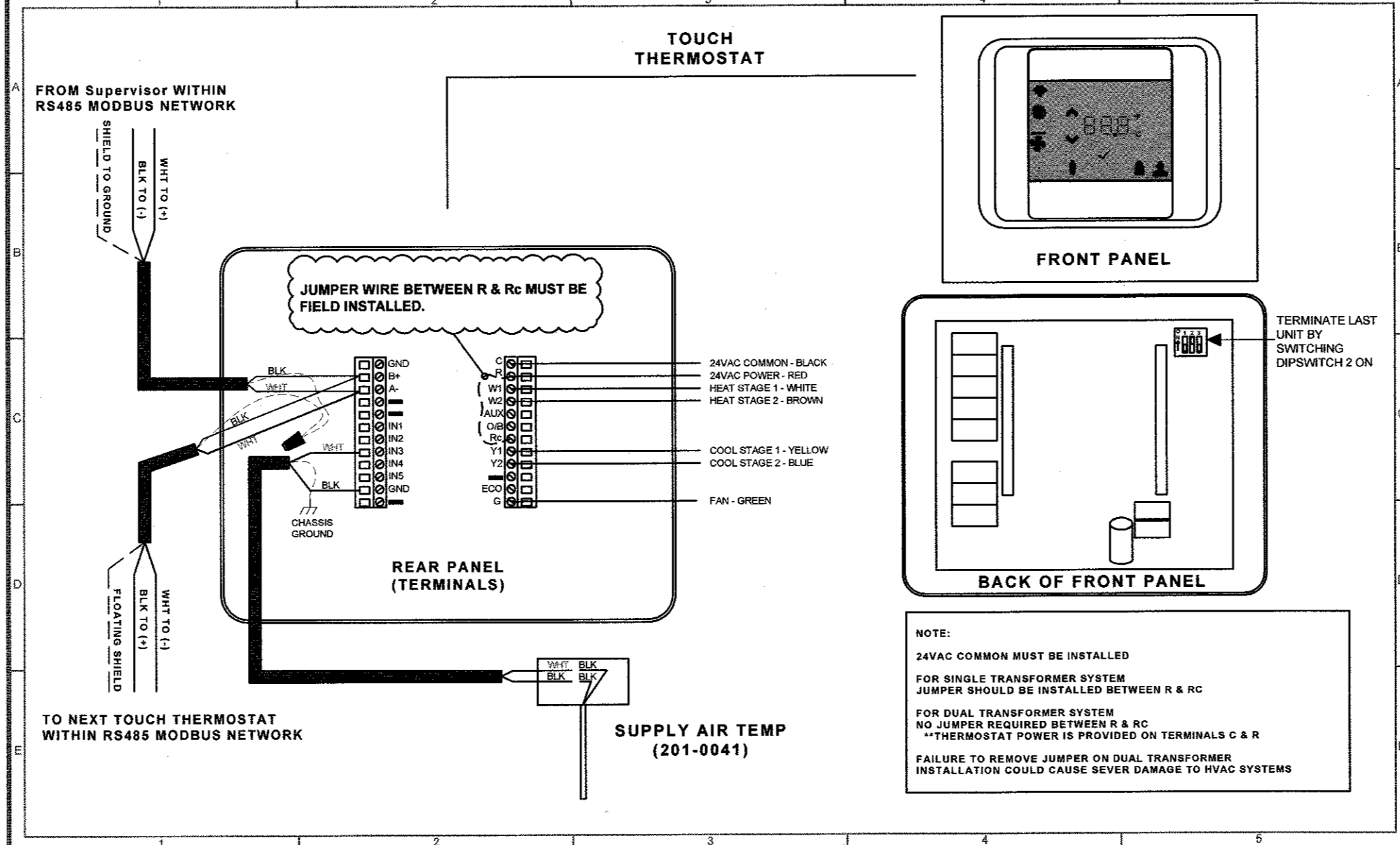
EMERSON	EMERSON COMMERCIAL AND RESIDENTIAL SOLUTIONS	WWW.EMERSON.COM For Technical Support: SupportUSA@emerson.com	TITLE PANEL, SUPERVISOR, 88A0, 8-NC 30A LIGHTING DESIGNED BY DOLLAR GENERAL DATE 12/18/19 REVISED BY LUTHER FILE NAME DOLLAR GENERAL REVISION AND DATE Rev28 - 12/18/19	NOTES / COMMENTS	DC 02
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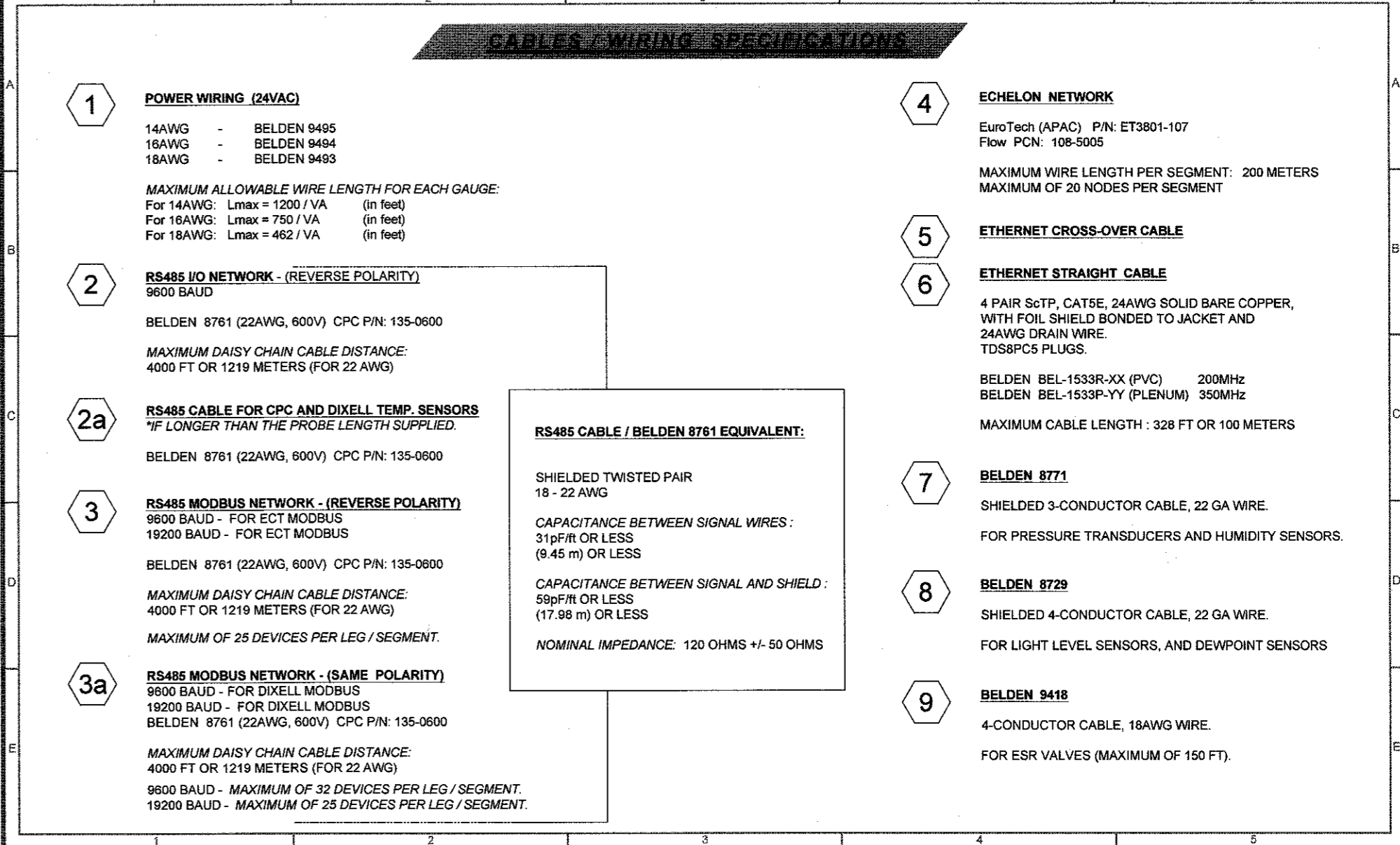
EMERSON	EMERSON COMMERCIAL AND RESIDENTIAL SOLUTIONS	WWW.EMERSON.COM For Technical Support: SupportUSA@emerson.com	TITLE SUPERVISOR WITH POWER SUPPLY DESIGNED BY DOLLAR GENERAL DATE 12/18/19 REVISED BY LUTHER FILE NAME DOLLAR GENERAL REVISION AND DATE Rev28 - 12/18/19	NOTES / COMMENTS	DC 03
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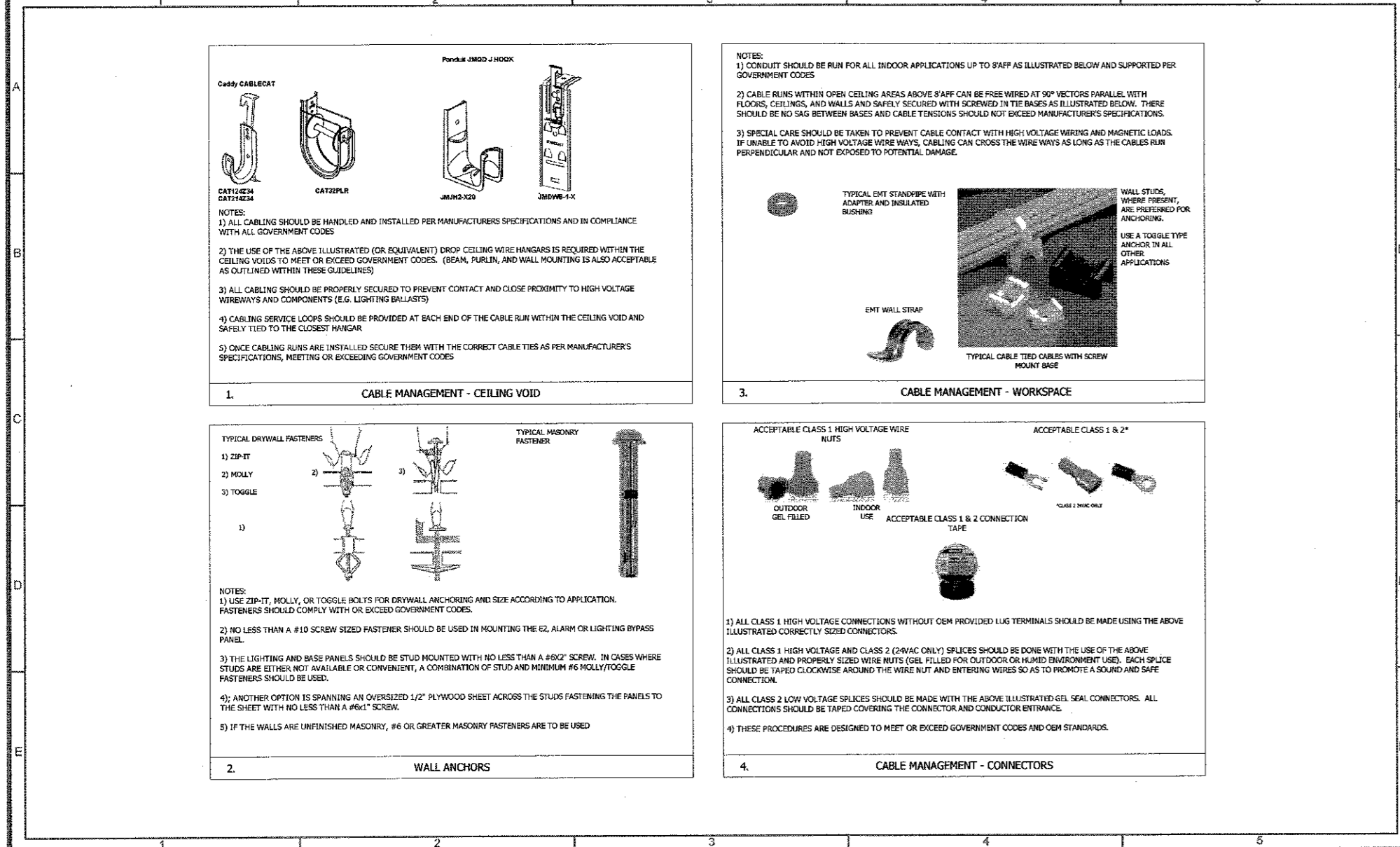
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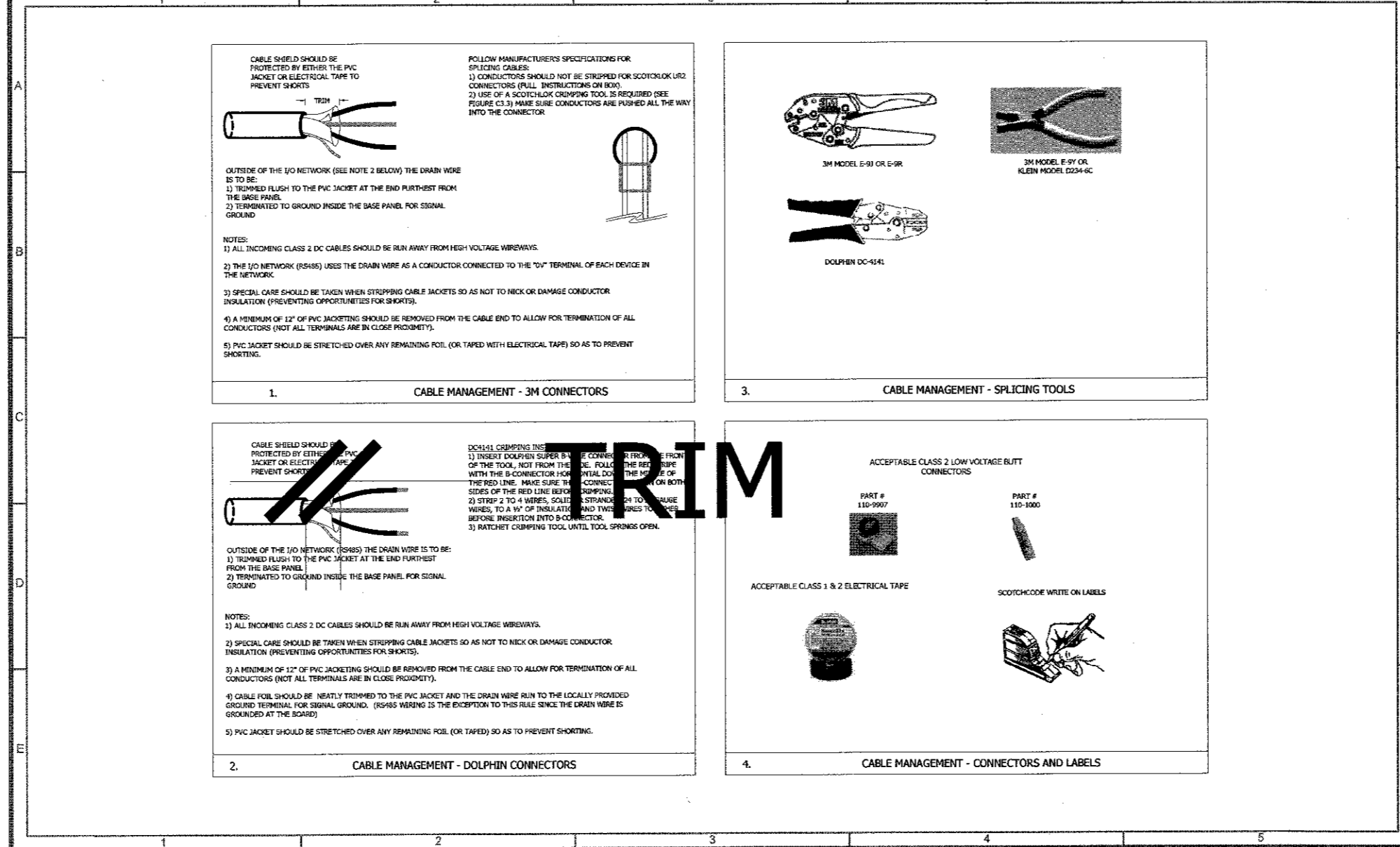
EMERSON	EMERSON COMMERCIAL AND RESIDENTIAL SOLUTIONS	WWW.EMERSON.COM For Technical Support: SupportUSA@emerson.com	TITLE THERMOSTAT WIRING DETAIL DESIGNED BY DOLLAR GENERAL DATE 12/18/19 REVISED BY LUTHER FILE NAME DOLLAR GENERAL REVISION AND DATE Rev28 - 12/18/19	NOTES / COMMENTS	DC 05
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