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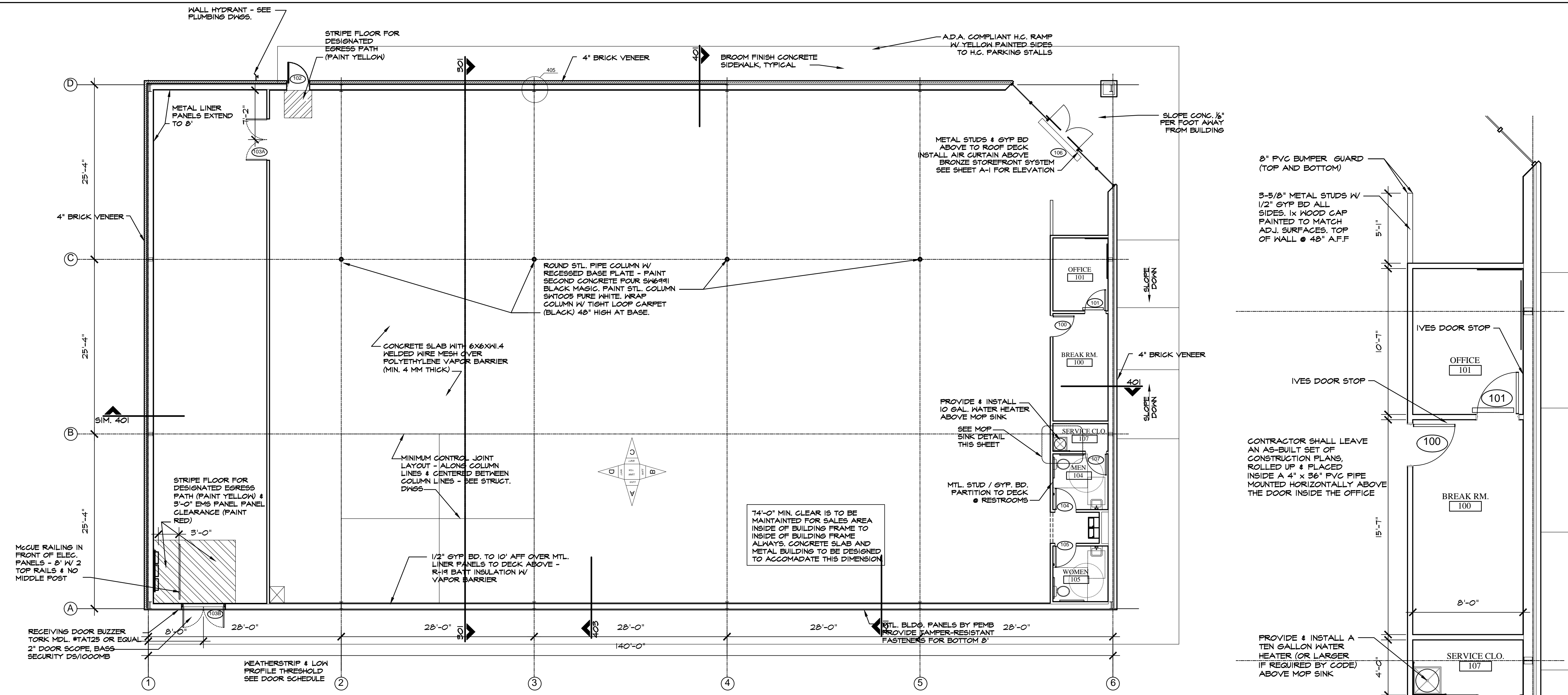
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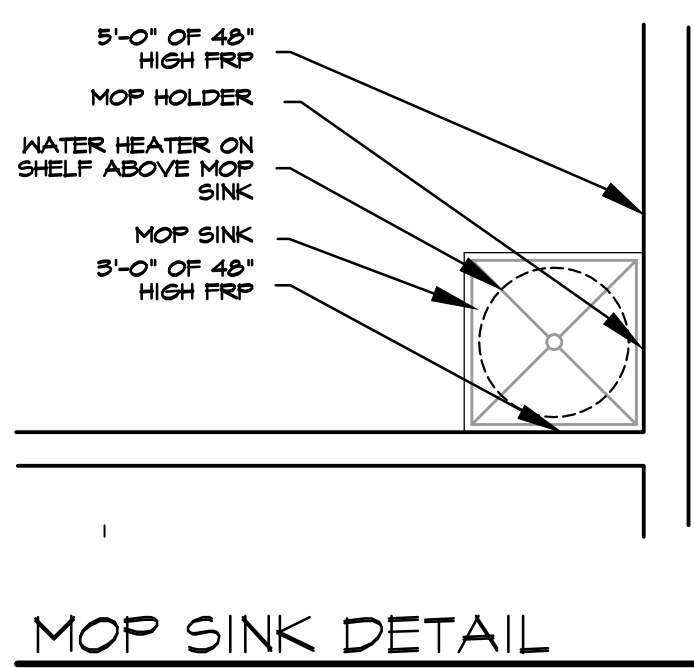
DOLLAR GENERAL
 STORE # 23680
 MAMERS ROAD
 LILLINGTON, NORTH CAROLINA

JOB NUMBER
 DRAWN BY
 MAH
 DATE
 04/04/22
 REVISIONS

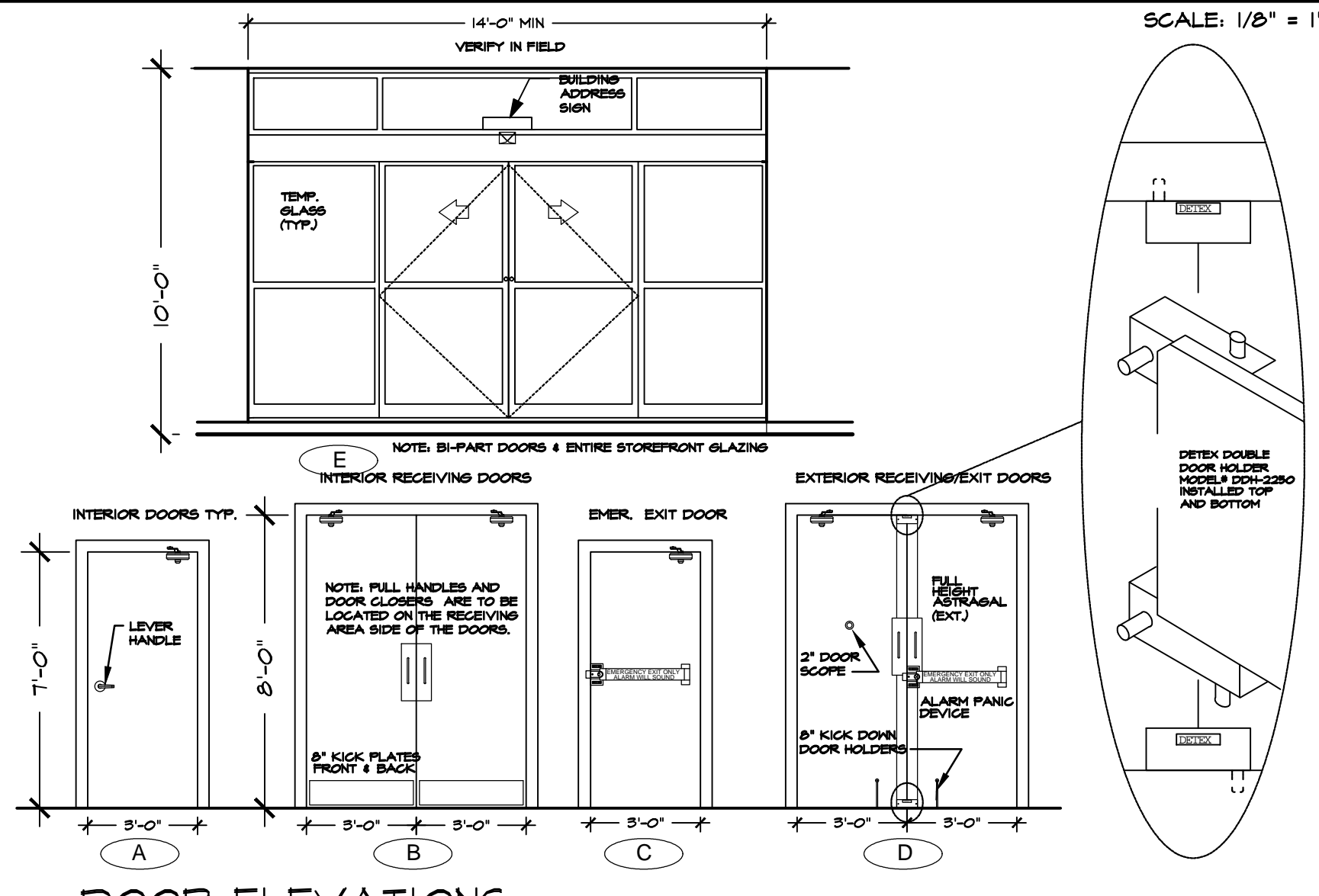
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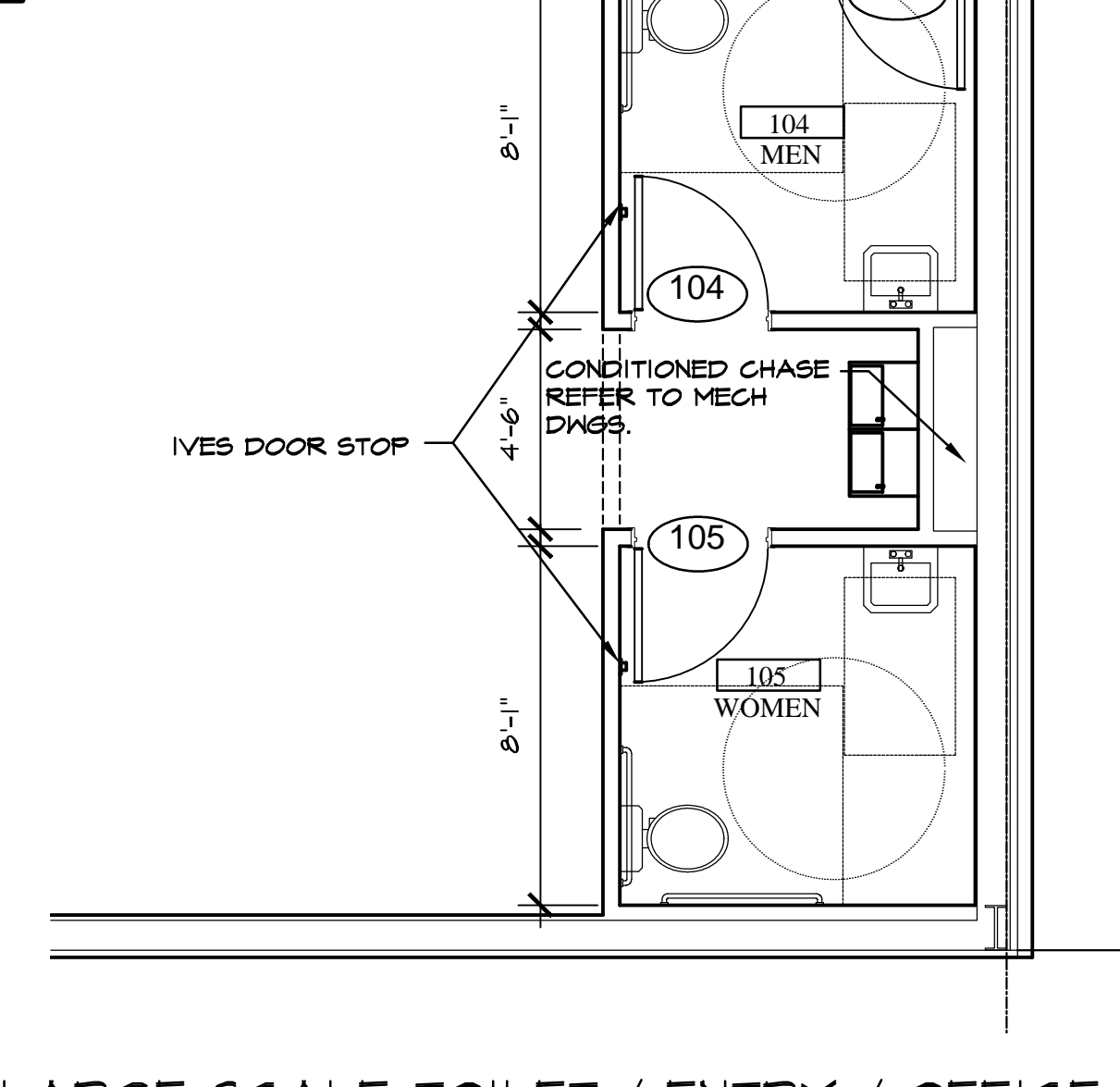
FLOOR PLAN NOTE: ALL CONTRACTORS SHALL REVIEW & MAINTAIN 11 X 17 DOLLAR GENERAL CURRENT PROTOTYPE PLAN "F" DGP BUILD-TO-SUIT PACKAGE ON JOB SITE



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



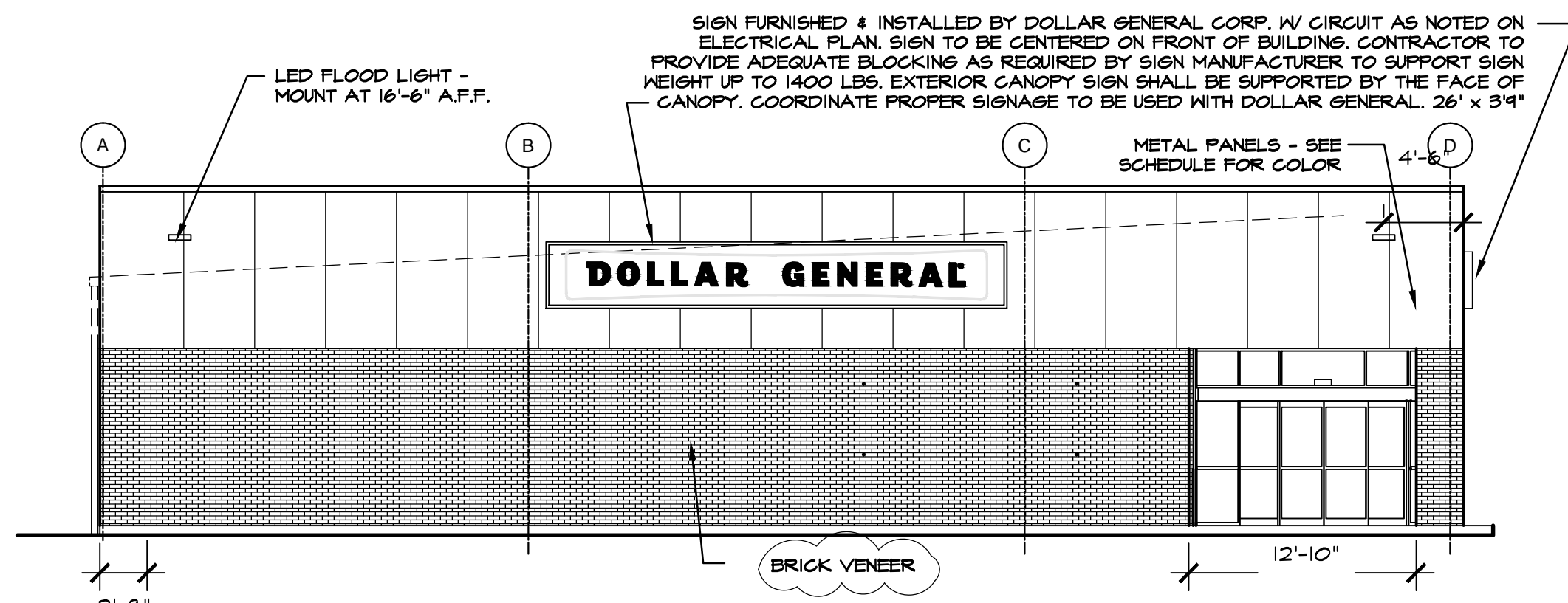
DOOR ELEVATIONS SCALE: 1/4" = 1'-0"



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

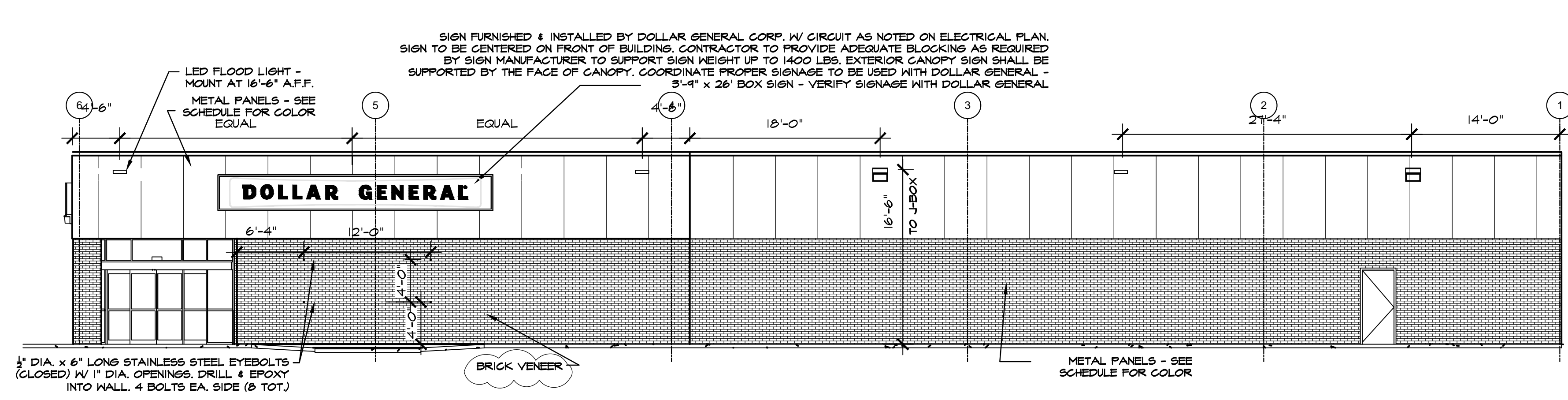
ROOM FINISH SCHEDULE											
NO	ROOM NAME	FLOOR	BASE	A WALL	B WALL	C WALL	D WALL	CEILING MATERIAL	CEILING FINISH	REMARKS	
100	BREAK RM.	CONCRETE FLOOR SEALED	CONCRETE IV SEALER	4" RUBBER / VINYL BASE	GYPSUM BOARD TO 10'-0" AFF. WHITE PRO-MAR LATEX SEMI-GLOSS	GYPSUM BOARD TO 10'-0" AFF. WHITE PRO-MAR LATEX SEMI-GLOSS	GYPSUM BOARD TO 10'-0" AFF. WHITE PRO-MAR LATEX SEMI-GLOSS	EXPOSED TO STRUCTURE ABOVE	N/A		
101	OFFICE	CONCRETE FLOOR SEALED	CONCRETE IV SEALER	4" RUBBER / VINYL BASE	GYPSUM BOARD TO 10'-0" AFF. WHITE PRO-MAR LATEX SEMI-GLOSS	GYPSUM BOARD TO 10'-0" AFF. WHITE PRO-MAR LATEX SEMI-GLOSS	GYPSUM BOARD TO 10'-0" AFF. WHITE PRO-MAR LATEX SEMI-GLOSS	EXPOSED TO STRUCTURE ABOVE	N/A		
102	SALES AREA	CONC. FLOOR POLISHED (STEPS 1-4)	CONCRETE IV SEALER	4" RUBBER / VINYL BASE	GYPSUM BD. ON WHITE METAL LINER PANELS. SEE ELEV. - SHF A-3	GYPSUM BD. ON WHITE METAL LINER PANELS. SEE ELEV. - SHF A-3	GYPSUM BD. ON WHITE METAL LINER PANELS. SEE ELEV. - SHF A-3	EXPOSED TO STRUCTURE ABOVE	N/A		
103	RECEIVING AREA	CONCRETE FLOOR SEALED	CONCRETE SEALER	N/A	N/A	METAL LINER PANEL FROM FLOOR TO 8' AFF.	WHITE	EXPOSED TO STRUCTURE ABOVE	N/A		
104	MEN	CONCRETE FLOOR SEALED	SHERVIN HILLIAMS ACRYLIC SILICONE BLK. GLOSS/LATE HC-IT	4" RUBBER / VINYL BASE	GYPSUM BOARD TO 8'-0" AFF.	8" HIGH FIBERGLASS-REINFORCED PANEL - WHITE	GYPSUM BOARD TO 8'-0" AFF.	8" HIGH FIBERGLASS-REINFORCED PANEL - WHITE	WHITE		
105	WOMEN	CONCRETE FLOOR SEALED	SHERVIN HILLIAMS ACRYLIC SILICONE BLK. GLOSS/LATE HC-IT	4" RUBBER / VINYL BASE	GYPSUM BOARD TO 8'-0" AFF.	8" HIGH FIBERGLASS-REINFORCED PANEL - WHITE	GYPSUM BOARD TO 8'-0" AFF.	8" HIGH FIBERGLASS-REINFORCED PANEL - WHITE	WHITE		
107	SERVICE CLOSET	CONCRETE FLOOR SEALED	CONCRETE IV SEALER	4" RUBBER / VINYL BASE	GYPSUM BOARD TO 8'-0" AFF.	4" HIGH FIBERGLASS-REINFORCED PANEL - WHITE	GYPSUM BOARD TO 8'-0" AFF.	4" HIGH FIBERGLASS-REINFORCED PANEL - WHITE	WHITE		
108	HALL	CONC. FLOOR POLISHED (STEPS 1-4)	CONCRETE IV SEALER	4" RUBBER / VINYL BASE	GYPSUM BOARD TO 8'-0" AFF.	GYPSUM BOARD TO 8'-0" AFF.	GYPSUM BOARD TO 8'-0" AFF.	GYPSUM BD. CELLING @ 8'-0" AFF.	WHITE		

DOOR SCHEDULE				HARDWARE	REMARKS
NO.	TYPE	WIDTH	HEIGHT		
100	A	3'-0"	7'-0"	(1) STANLEY PASSAGE LOCKSET GCL250-E-626-54 - NO KEY REQ'D. (1) STANLEY DOOR CLOSER GDC311-6M4	SOLID CORE HOOD DOOR OR HOLLOW CORE METAL DOOR & FRAME PAINTED SH-BLACK MAGIC, 6MM SEMI-GLOSS
101	A	3'-0"	7'-0"	(1) IVES HALLSTOP #402-260-260, (1/2) PAIR HINGES	SOLID CORE HOOD DOOR OR HOLLOW CORE METAL DOOR & FRAME PAINTED SH-BLACK MAGIC, 6MM SEMI-GLOSS
102	C	3'-0"	7'-0"	(1) STANLEY STOREROOM LOCKSET GCL270-E-626-54-SC-KD - KEY #2, (1) STANLEY DOOR CLOSER GDC311-6M4, (1) IVES HALL STOP #402-260-260, (1) TAGO DOOR VENER FRASIONS, (1/2) PAIR HINGES	SOLID CORE HOOD DOOR OR HOLLOW CORE METAL DOOR & FRAME PAINTED SH-BLACK MAGIC, 6MM SEMI-GLOSS
103A	B	6'-0"	8'-0"	(1) VON DUPRIN GUARD-X EXIT ALARM LOCK #2070-26, (1) STANLEY DOOR CLOSER GDC311-6M4, (1) DOOR PULL AN US20, (2) BURNS PULL PLATES #540-250-260-SRFP, (2) BURNS PULL PLATES #540-250-260-SRFP, (1) IVES 4" DOOR HOLDERS #42050-48 NOT FIRE RATED WALL, (2) PAIR HINGES	HOLLOW CORE METAL DOOR & FRAME PAINT EXTERIOR SH-TCH, VAN DYKE BROWN SEMI-GLOSS, INTERIOR SH-BLACK MAGIC, 6MM SEMI-GLOSS
103B	D	6'-0"	8'-0"	(1) VON DUPRIN GUARD-X EXIT ALARM LOCK #2070-26, (1) VON DUPRIN GUARD-X DOUBLE DOOR SPRING #300, (1) DETEX DOUBLE DOOR HOLDER #004-250-260 TOP & BOTTOM, (2) STANLEY DOOR CLOSER GDC311-6M4, (1) DETEX DOUBLE DOOR HOLDER #004-250-260, (1) IVES 4" DOOR HOLDERS #42050-48 NOT FIRE RATED WALL, (2) PAIR HINGES	HOLLOW CORE METAL DOORS & FRAME INTERIOR PAINTED SH-BLACK MAGIC, 6MM SEMI-GLOSS EXTERIOR PAINTED SH-TCH-VAN DYKE BROWN SEMI-GLOSS
104	A	3'-0"	7'-0"	(1) STANLEY STOREROOM LOCKSET GCL270-E-626-54-SC-KD - KEY #2, (1) STANLEY DOOR CLOSER GDC311-6M4, (1) IVES HALL STOP #402-260-260, (1) RESTROOM DOOR SIGNAGE (PER DETAIL ON SHEET A3), (1/2) PAIR HINGES	SOLID CORE HOOD DOORS OR HOLLOW CORE METAL DOORS & FRAME PAINTED SH-BLACK MAGIC, 6MM SEMI-GLOSS
105	A	3'-0"	7'-0"	(1) STANLEY STOREROOM LOCKSET GCL270-E-626-54-SC-KD - KEY #2, (1) STANLEY DOOR CLOSER GDC311-6M4, (1) IVES HALL STOP #402-260-260, (1) RESTROOM DOOR SIGNAGE (PER DETAIL ON SHEET A3), (1/2) PAIR HINGES	SOLID CORE HOOD DOORS OR HOLLOW CORE METAL DOORS & FRAME PAINTED SH-BLACK MAGIC, 6MM SEMI-GLOSS
106	E	6'-0"	7'-0"	BY DOOR MANUFACTURER TO BE RE-KEYED BY DOLLAR GENERAL AREA MANAGER WITH (1) LGO RIM CYLINDER #10562-260.	14'-0" BI-FAB WITH TRANSOM AND HINDOCS, BRONZE FINISH



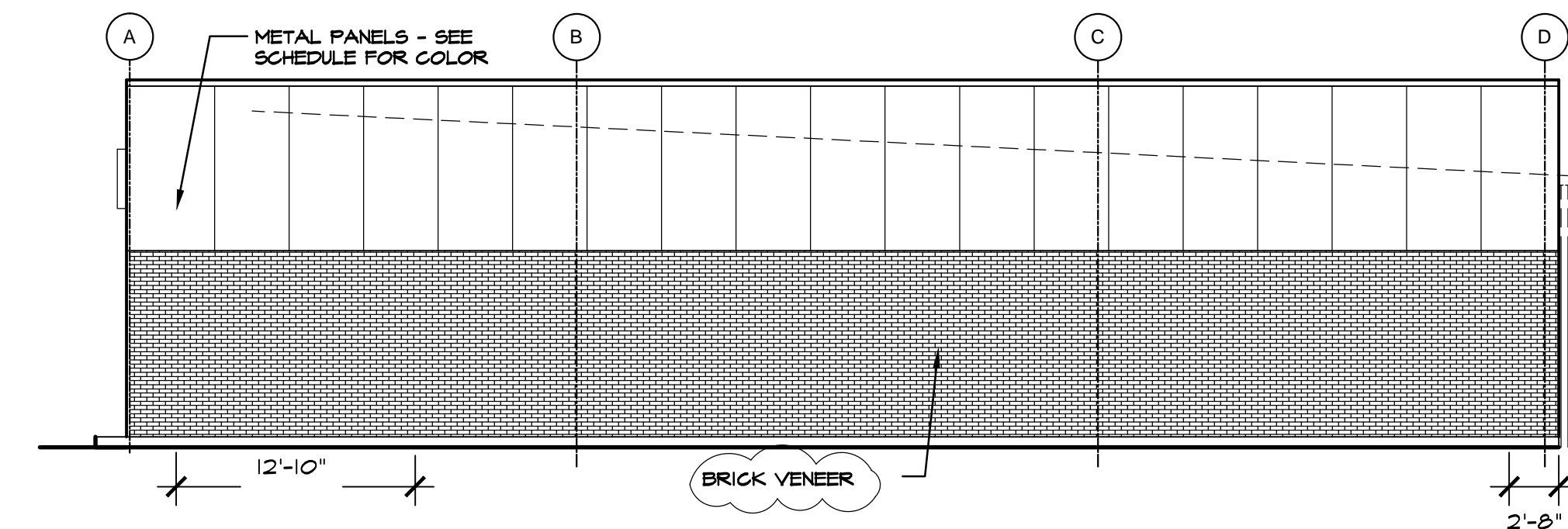
FRONT ELEVATION (MAMERS ROAD)

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



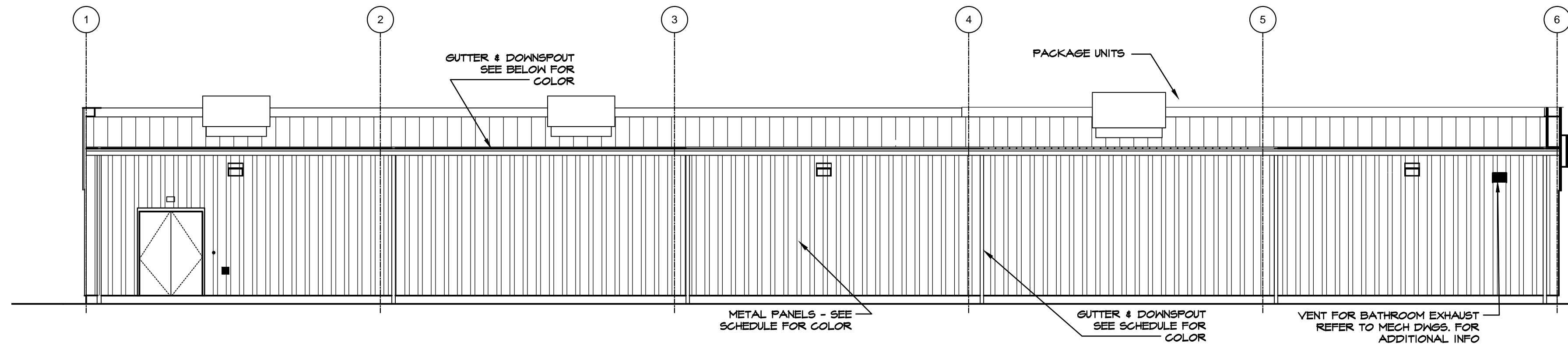
RIGHT SIDE ELEVATION (US HWY 421 N)

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



REAR ELEVATION

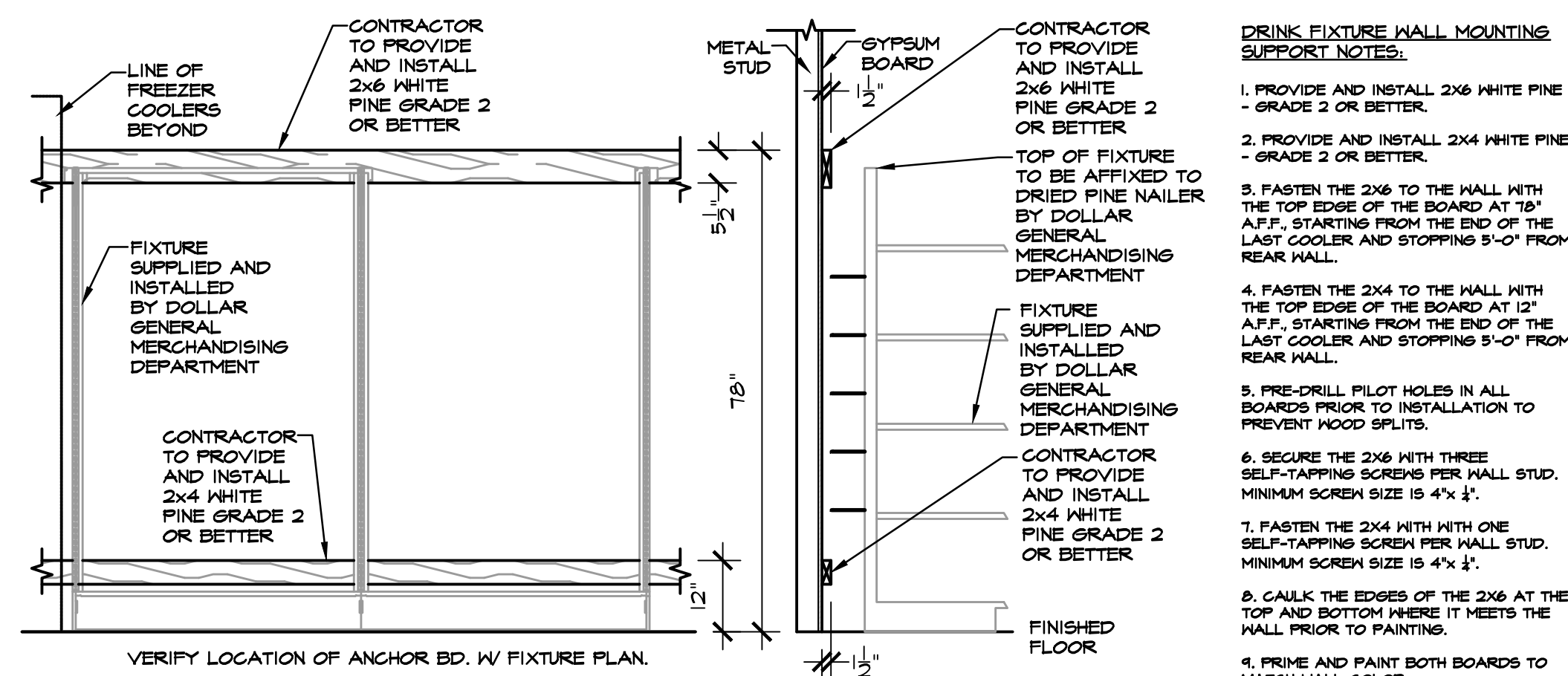
SCALE: 1/8" = 1'-0"



LEFT SIDE ELEVATION

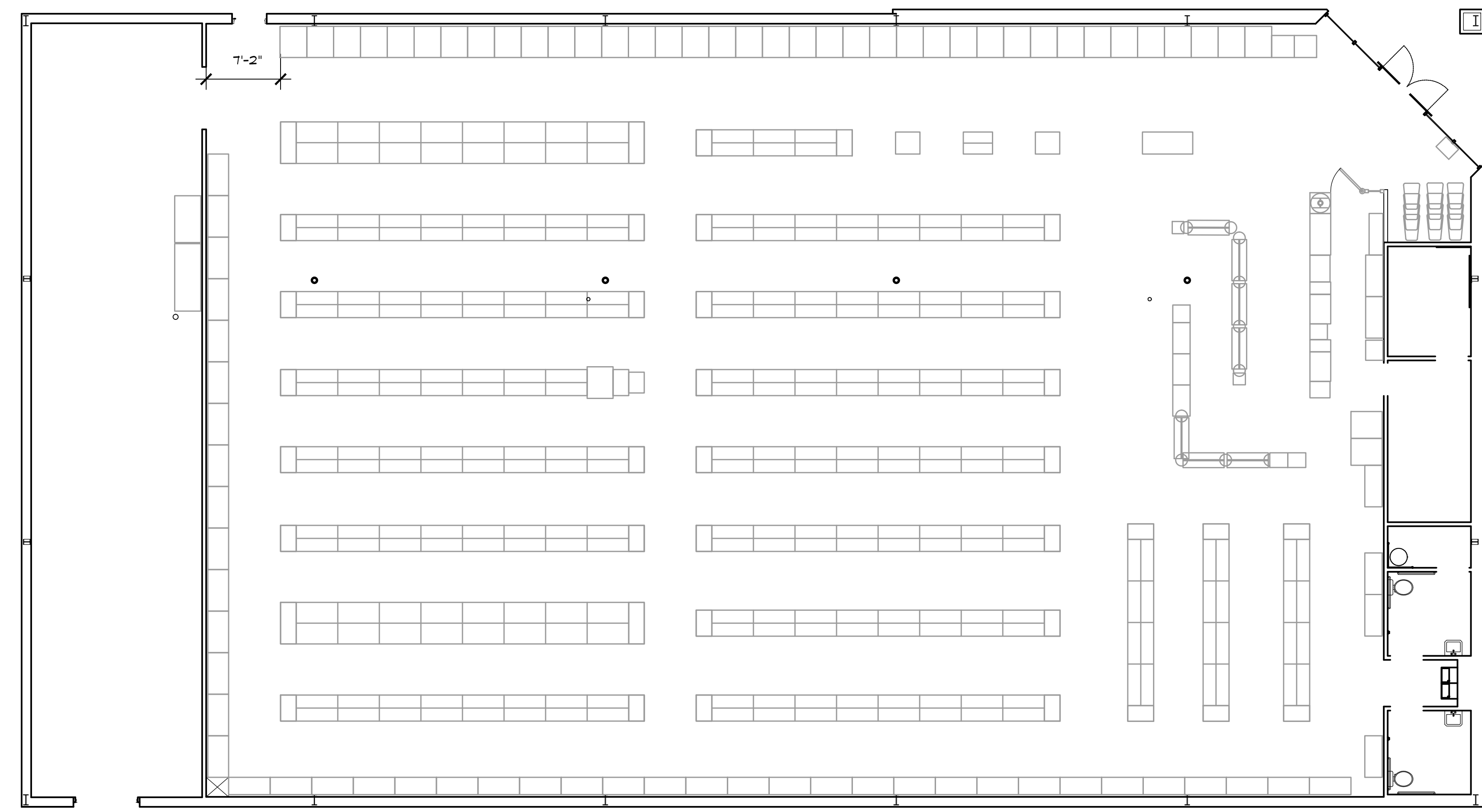
SCALE: 1/8" = 1'-0"

EXTERIOR FINISHES	PRE-ENGINEERED METAL BUILDING VENDOR	VP BUILDINGS ATTN: DAVID ENGLISH (901) 748-6103	STAR BUILDING SYSTEMS ATTN: JEFF HORN (866) 664-8899	NUCOR BUILDING SYSTEMS ATTN: BOB BARRY (313) 622-4440 (260) 837-7891	BIG BEE STEEL BUILDINGS, INC. ATTN: KEVIN BUSLER (800) 633-3378	CHIEF BUILDINGS ATTN: ERIN SULLIVAN (308) 385-8228 (308) 390-8199																				
EXTERIOR FINISHES ARE TO MATCH OR BE EQUAL TO VP METAL BUILDING SYSTEMS FINISH SELECTION.	COOL EGYPTIAN WHITE	PATRIAN BRONZE KYMAR 500	BRONZE	COOL COTTON WHITE	GALVALUME	LIGHTSTONE	MEDIUM BRONZE KYMAR 500	BRONZE	POLAR WHITE	GALVALUME	LIGHTSTONE	MEDIUM BRONZE KYMAR 500	BRONZE	POLAR WHITE	GALVALUME	SANDSTONE	BURNISHED SLATE	BRONZE	POLAR WHITE	GALVALUME	PARCHMENT	ANTIQUE BRONZE	BRONZE	POLAR WHITE	GALVALUME	
GUTTERS																										
DOWN SPOUTS																										
SIDE AND REAR METAL WALL PANELS & TRIM, RECEIVING & EMERGENCY EXIT DOORS																										
BRICK VENEER																										
LEE BRICK 206 SEVILLE																										
FLAT METAL SOFFIT AT STOREFRONT VESTIBULE AREA																										
BUILDING PARAPET WALL AND CANOPY																										
STOREFRONT SYSTEM																										
STANDING SEAM METAL ROOF PANELS																										
LINER PANELS (INTERIOR SALES FLOOR)																										



DRINK FIXTURE SUPPORT DETAIL

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



FIXTURE LAYOUT (CONFIRM W/ DOLLAR GENERAL PLANS) DGP

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



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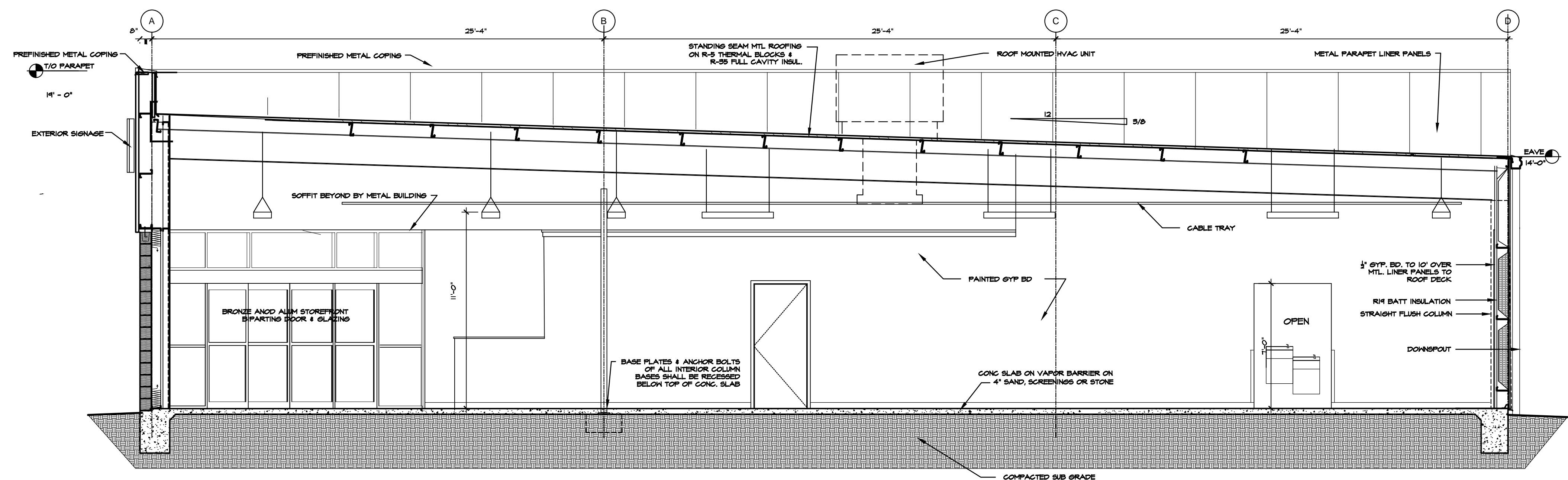
DOLLAR GENERAL
 STORE # 23680
 MAMERS ROAD
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JOB NUMBER
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 042822-BRICK VENEER

SHEET NUMBER

A-2

OF

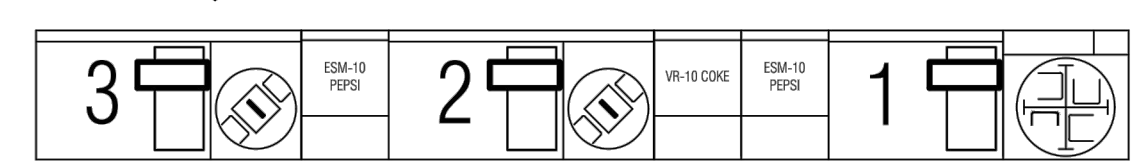


301 BUILDING SECTION

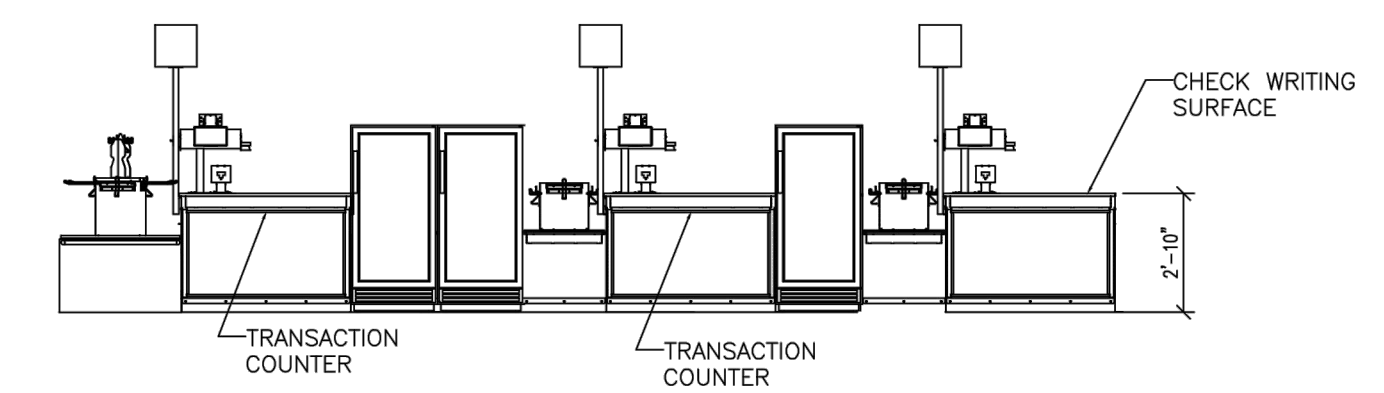
SCALE: 1/4" = 1'-0"

NOTE: FRONT CHECKOUT COUNTER TO BE PROVIDED BY DOLLAR GENERAL AND INSTALLED AT DOLLAR GENERAL'S DIRECTION. COUNTERS SHALL INCLUDE A PORTION OF AT LEAST 36" IN LENGTH WHICH IS NO MORE THAN 34" ABOVE THE FINISH FLOOR. COUNTERS SHALL BE ON AN ACCESSIBLE ROUTE.

B
F1.0



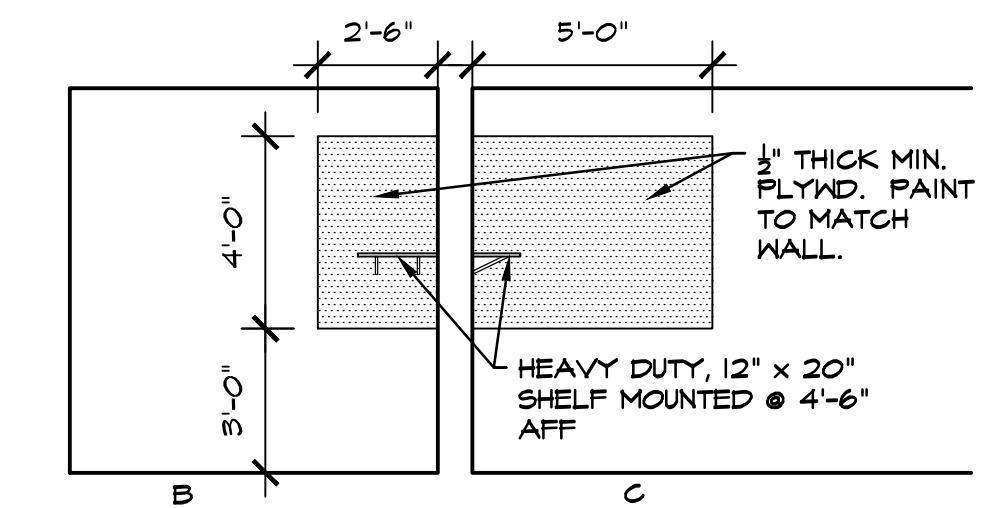
A - SERVICE COUNTER PLAN



B - ELEVATION

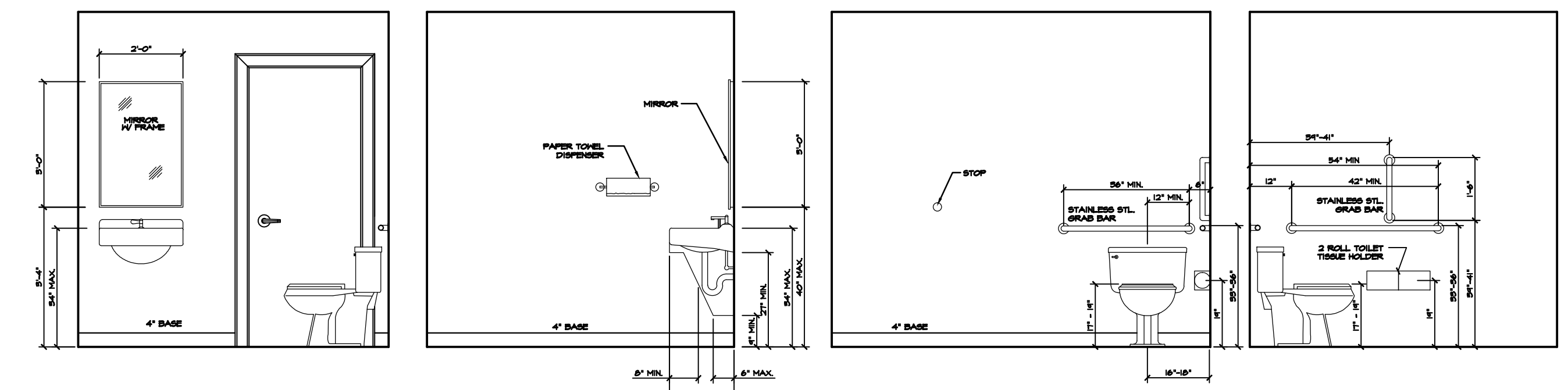
SERVICE COUNTER DETAILS

NOT TO SCALE



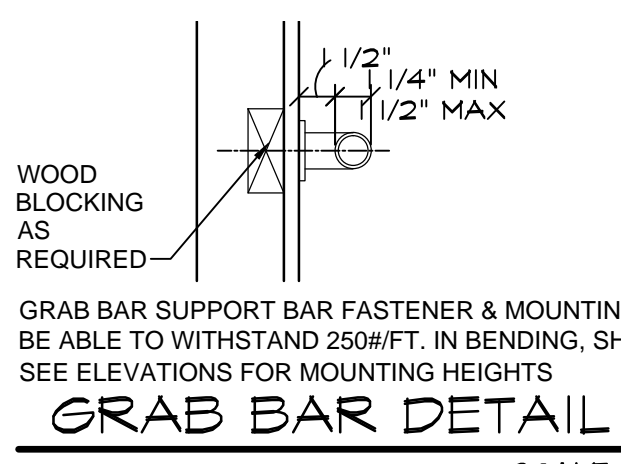
OFFICE WALL EQUIPMENT PANELS

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



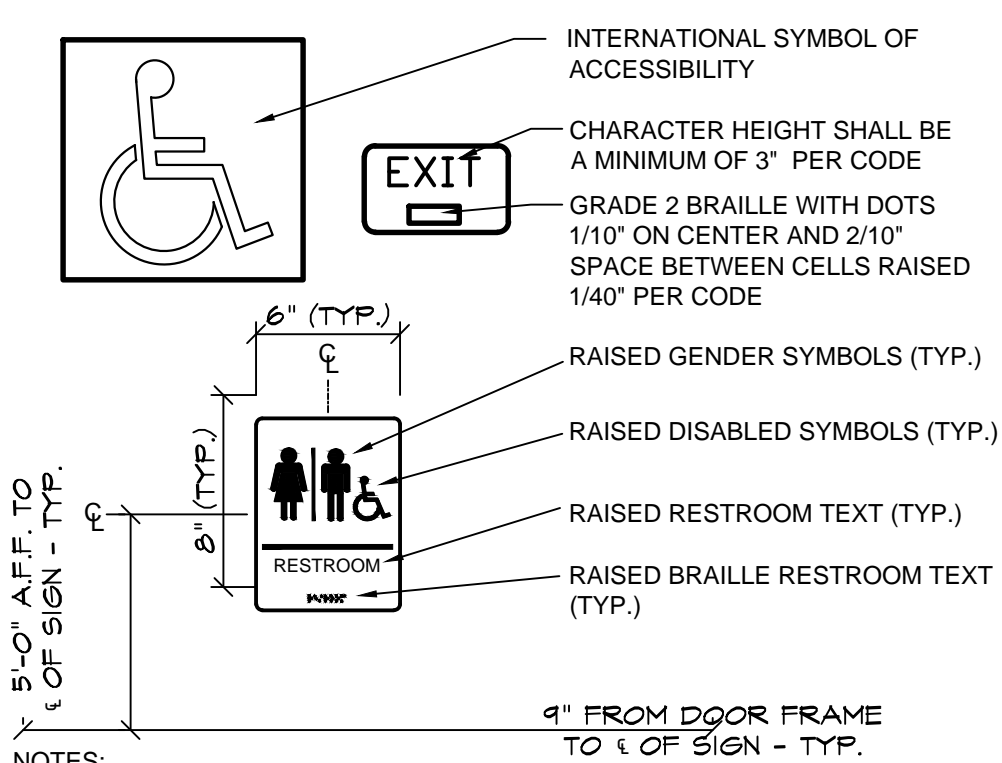
RESTROOM ELEVATIONS

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



GRAB BAR DETAIL

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



ACCESSIBLE SIGNAGE

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

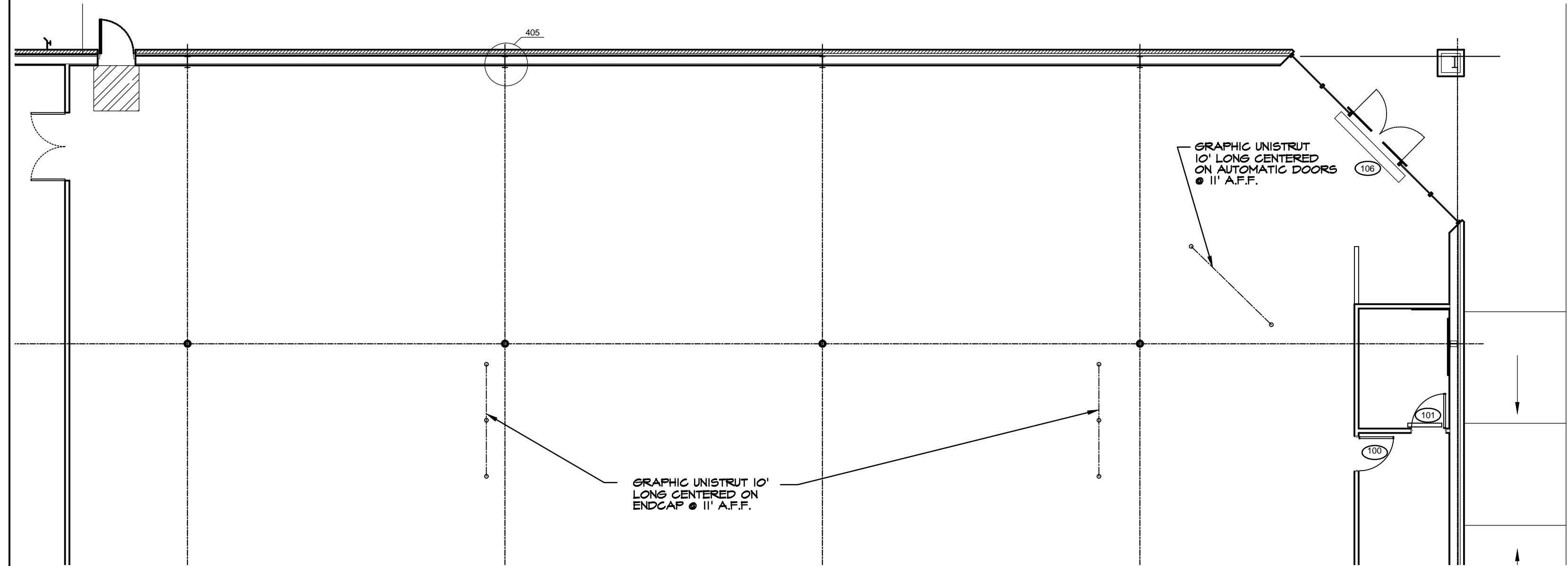
TOILET ROOM ACCESSORIES		DOOR HARDWARE	
B2740	BOBRICK DOUBLE TOILET TISSUE DISPENSER	54-US32D	BURNS PUSH PLATE
B253	BOBRICK PAPER TOWEL DISPENSER	5410-32D-26D-GRIP	BURNS PULL PLATE
A-24x36	GAMCO 24" x 36" ANGLE FRAME MIRROR	B2DDH-2250 **	DETEX DOUBLE DOOR
150Sx36	GAMCO 1 1/2" X 36" GRAB BAR	DS1000/MB	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
		701SSC8-26D*	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.



UNI-STRUT LAYOUT FOR SIGNAGE

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



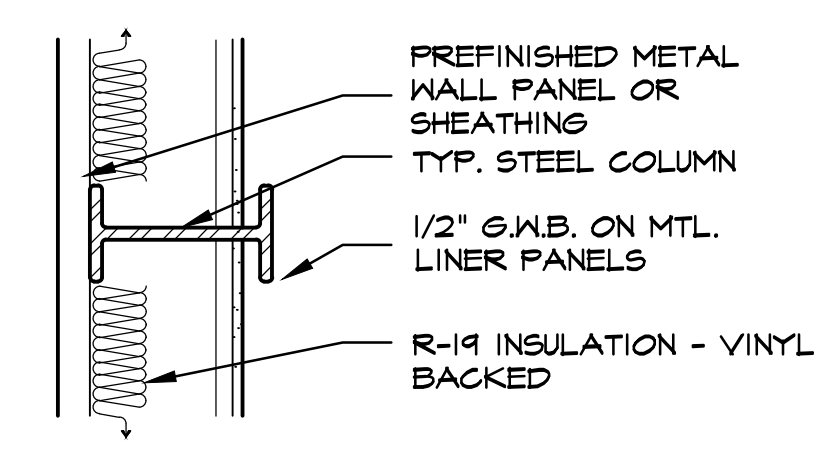
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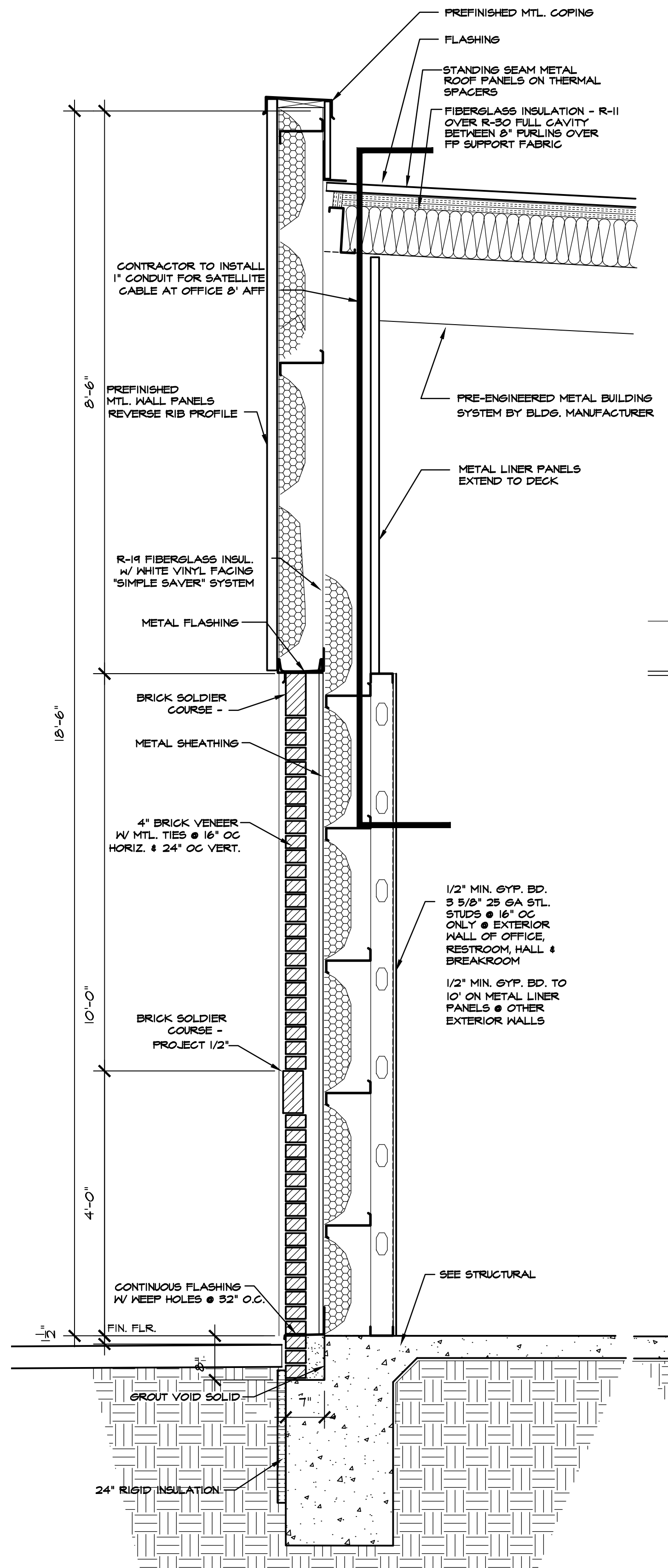
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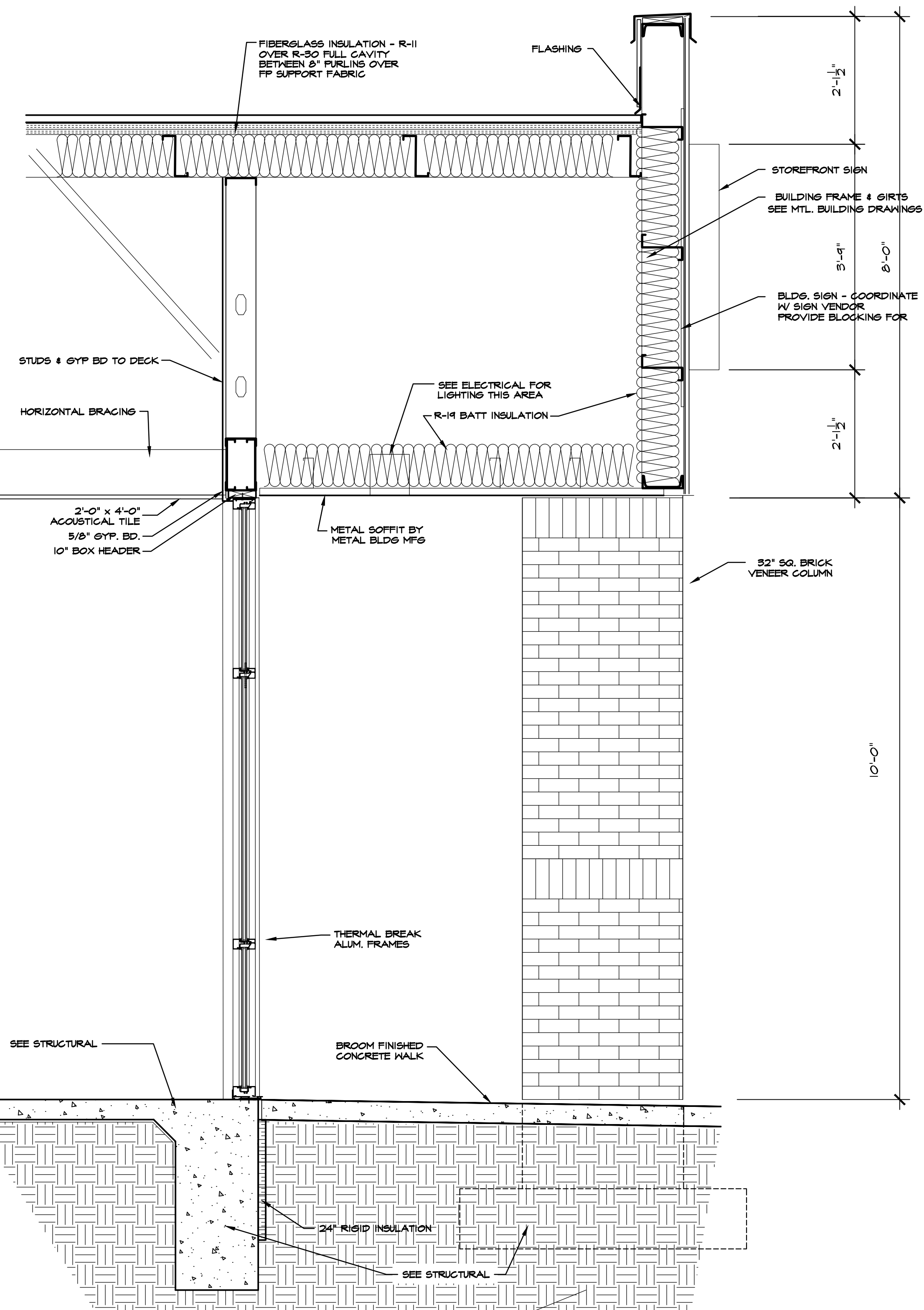
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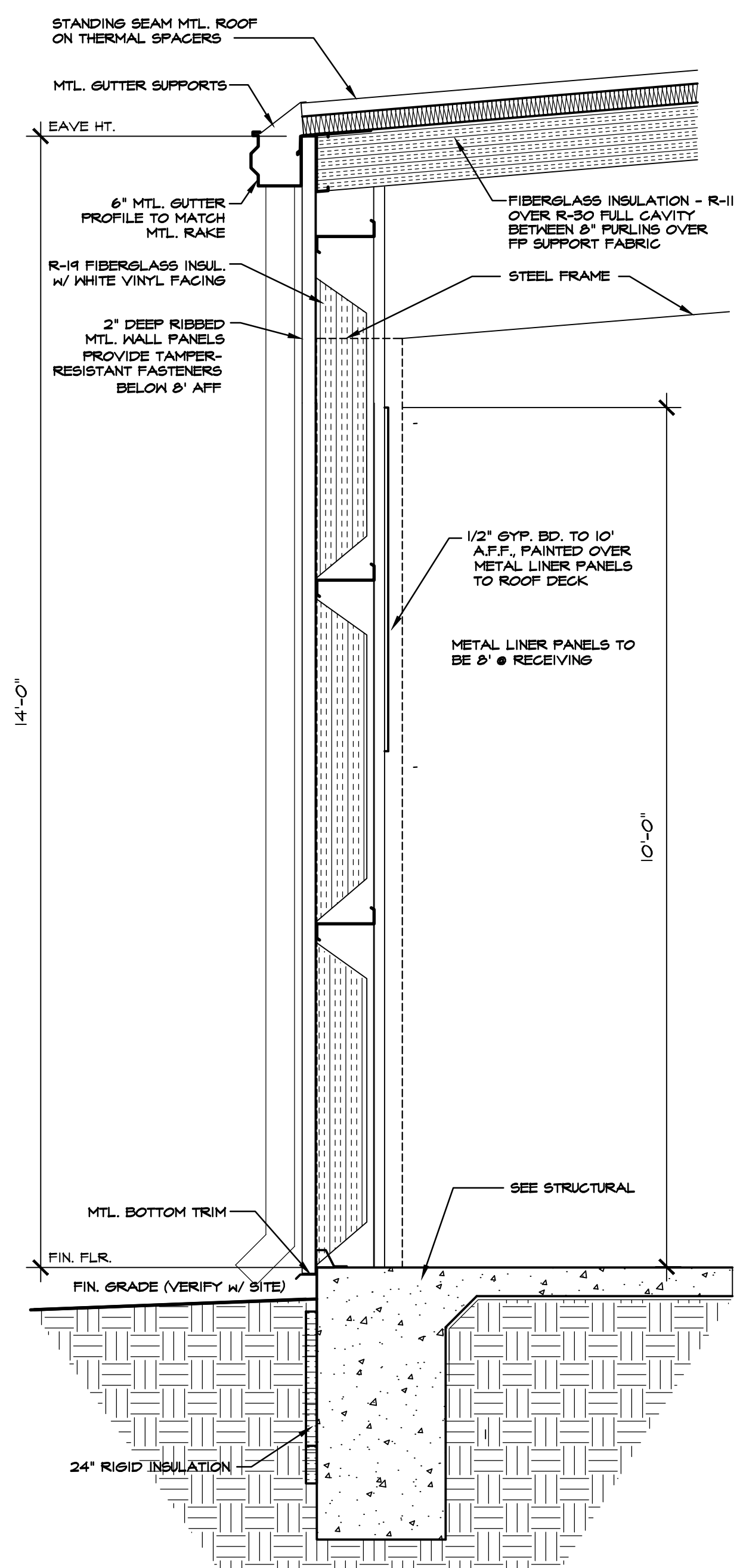
405 DETAIL @ COLUMN
 SCALE: 1" = 1'-0"



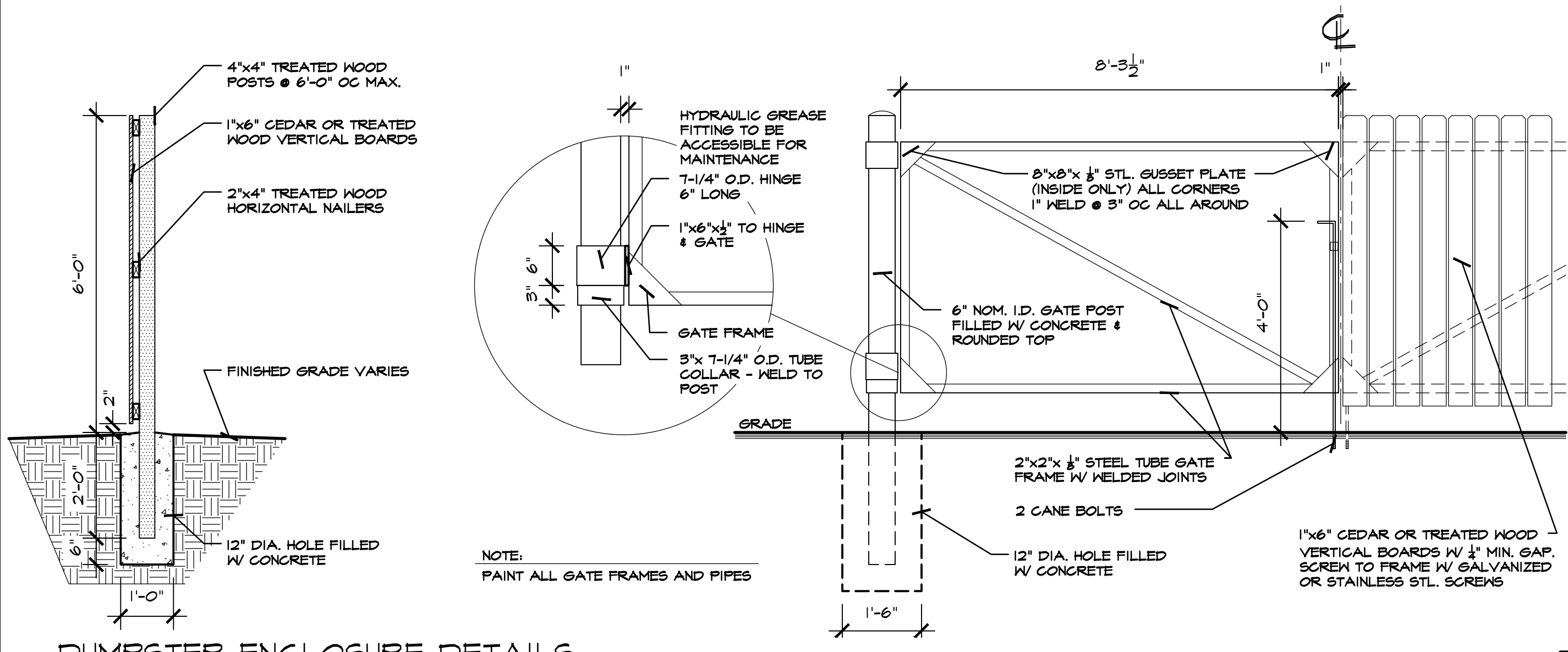
401 WALL SECTION @ FRONT WALL
 SCALE: 3/4" = 1'-0"



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

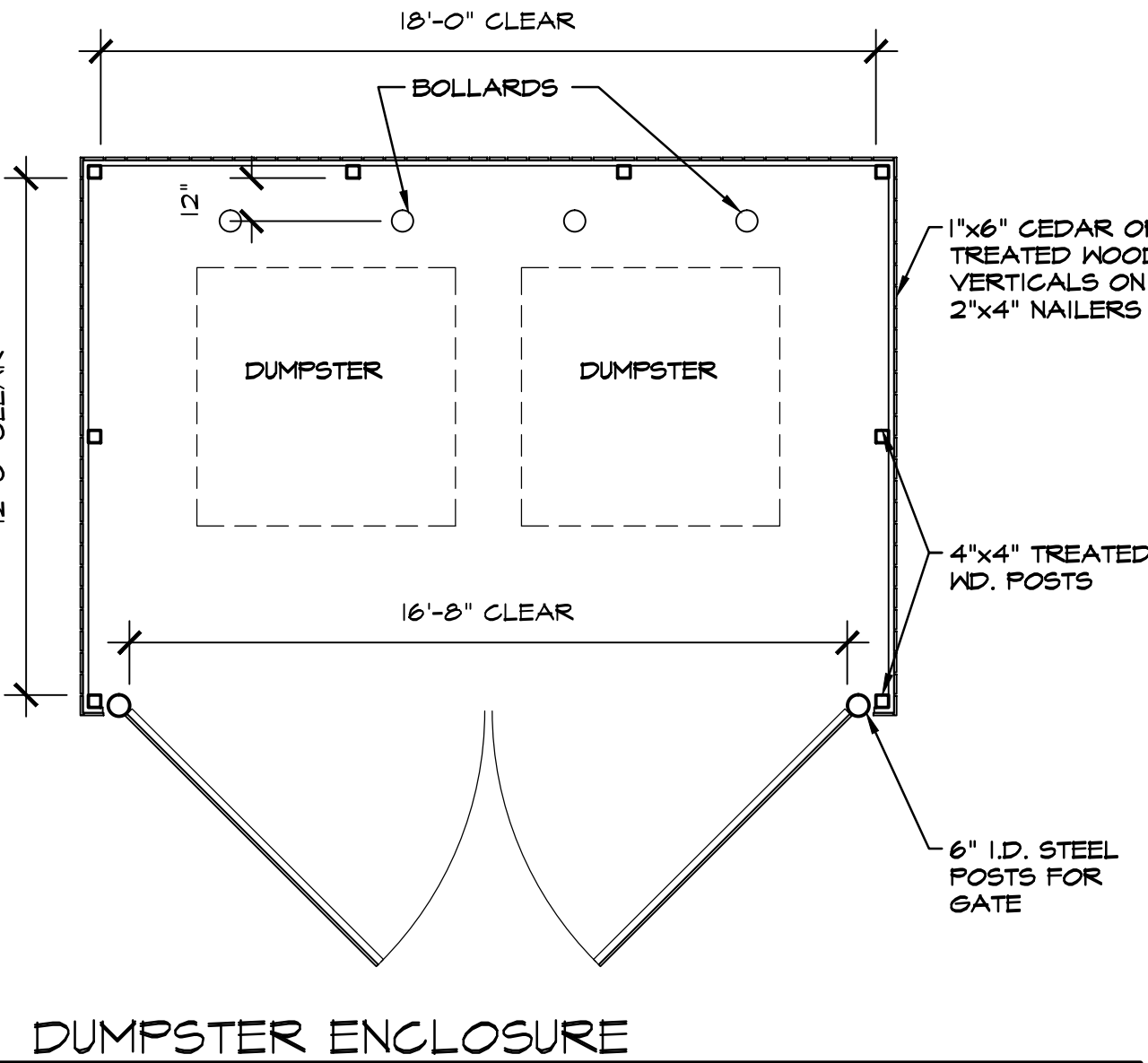


403 WALL SECTION REAR WALL
 SCALE: 3/4" = 1'-0"



DUMPSTER ENCLOSURE DETAILS

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



DUMPSTER ENCLOSURE

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

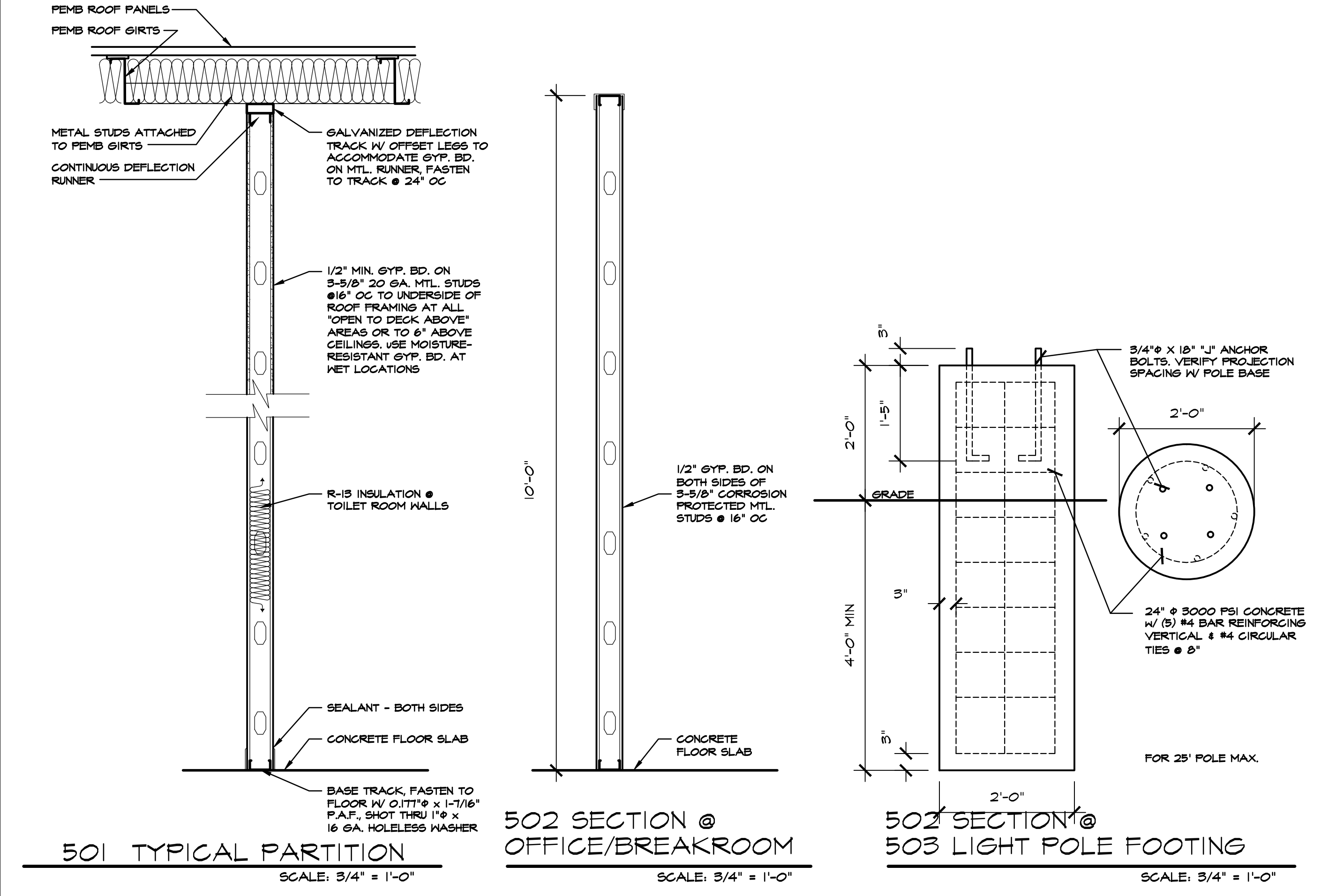
REQUIRED NATIONAL ACCOUNT VENDORS:

COMPANY	CONTACTS	PHONE #	REQUIRED ITEMS
RAINBIRD IRRIGATION	LOCAL RAINBIRD DISTRIBUTOR	www.rainbird.com	IRRIGATION SYSTEMS
EUCRID CHEMICAL COMPANY	PHIL BRANDT	877-456-3626 800-641-6746 pbrandt@eucridchemical.com	CONCRETE POLISHING SYSTEMS
RETROPLATE SYSTEMS	SCOTT MAXFIELD	800-828-2880 smaxfield@retroplate.com	CONCRETE POLISHING SYSTEMS
ASSA ABLBY ENTRANCE SYSTEMS	ROSS MERKEL	604-528-2880 dollargeneralbesamuse@assaabloy.com	AUTOMATIC DOORS AND STORE FRONT GLAZING SYSTEM
COOK & BOARDMAN GROUP	JOE HARRELL	336-857-0675 national@cooksandboardman.com	INTERIOR DOORS & FRAMES & RESTROOM ACCESSORIES
SHERIN WILLIAMS	LOCAL SHERIN WILLIAMS STORE		PAINT, PRIMER, CONCRETE SEALER AND BLOCK FILLER
MC GUE CORPORATION	KEVIN ONEAL	618-442-4026 koneal@mcgucorp.com	TRIM KIT, BUMPER GUARDS, CART STOP
LENEX	SCOTT MACDONALD	972-447-6181 dollargeneral@lenexind.com	HVAC UNITS
ROOF CURB SYSTEMS	GLIFTON REASOR	800-663-3848 dollargeneral@roofcurb.com	RTU CURB
CURBS PLUS INC.	ALLAN THRAIKILL	888-694-2872 allan.thraikill@curbs-plus.com	RTU CURB
KCC INTERNATIONAL INC.	GREG CONRAD	800-382-2872 gconrad@kccurbs.com	RTU CURB
NESCO	CHRIS TRACY	800-244-6480 dollargeneral@needelectric.com	ELECTRICAL SWITCH GEAR
LEDS	MICHAEL STRINGER KYLE KNAPP	420-415-4010 dollargeneral@leds-llc.com	ELECTRICAL LIGHTING SUPPLIES
D&P CUSTOM LIGHTING	NATIONAL ACCOUNT SALES	800-251-2200	CUSTOM POWER POLES
ASD	CHRIS RUDNITSKI	828-624-1046 srudnit@asd-usa.com	LOW VOLTAGE & VOICE/DATA
GRAYBAR	JEROME BANNISTER	615-745-3202 ext. 615-424-2155 call dollargeneral@graybar.com	CABLE TRAY
EMERSON CLIMATE TECHNOLOGIES	http://dollargeneralbid.solutions.net	USER NAME: dollargeneralbid PASSWORD: dollargeneralbid	HVAC SUPPLIER NOTE: CUSTOMIZED DOLLAR GENERAL HPS PANEL. REQUIRES STORE #, CITY, STATE, ZIP CODE & CITY 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	208-759-8775 dollargeneral@atcassociates.com	www.atcassociates.com
BUILDING AND EARTH SCIENCES, INC.	MATT ADAMS	208-636-6500 dollargeneral@buildingandearth.com	www.buildingandearth.com
EAS PROFESSIONALS, INC.	JERRY MARRONE	891-234-7565 dollargeneral@eas-pro.com	www.eas-pro.com
PROFESSIONAL SERVICE INDUSTRIES, INC. (PSI)	TERESA HEINER	710-424-6200 #8050 teresa.heiner@psia.com	www.psi.com
TERRACON	JOHN MEADOW	710-625-0755 #555 dollargeneral@terracon.com	www.terracon.com

NATIONAL ACCOUNT & CONTACT INFORMATION SUBJECT TO CHANGE



501 TYPICAL PARTITION

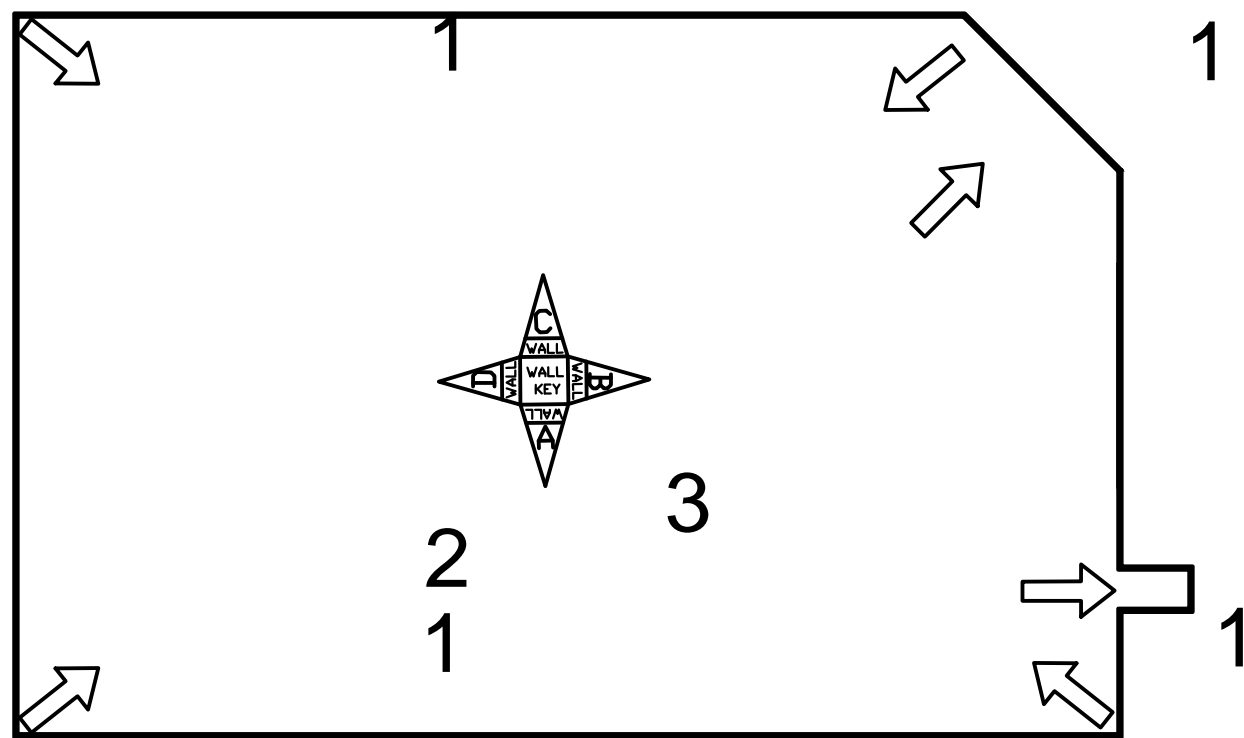
SCALE: 3/4" = 1'-0"

502 SECTION @ OFFICE/BREAKROOM

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

503 SECTION @ LIGHT POLE FOOTING

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

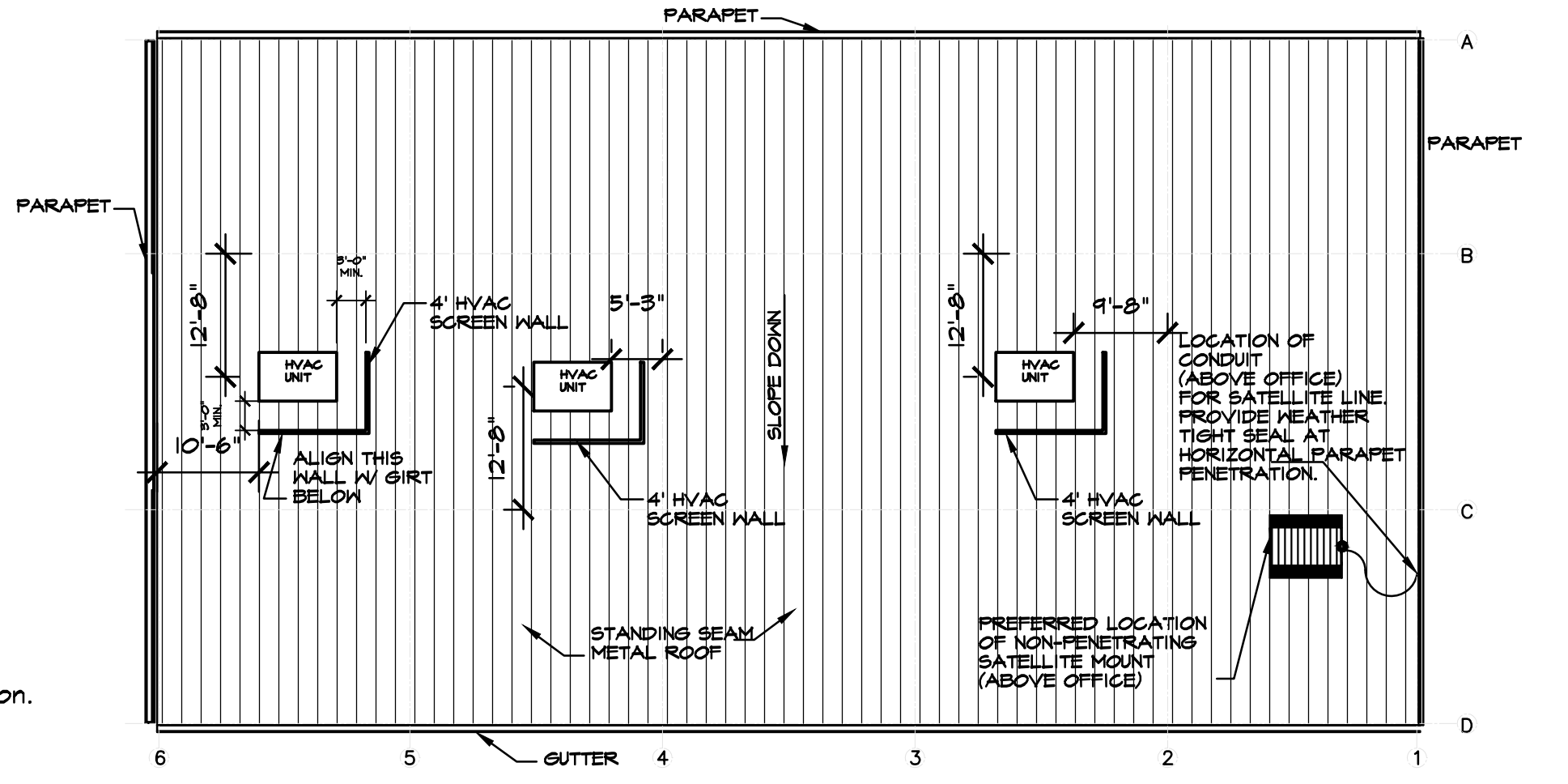


REQUIRED PHOTOS

The following layout shows the required photos to be taken at completion. (make sure the overhead lights are on for your photos)

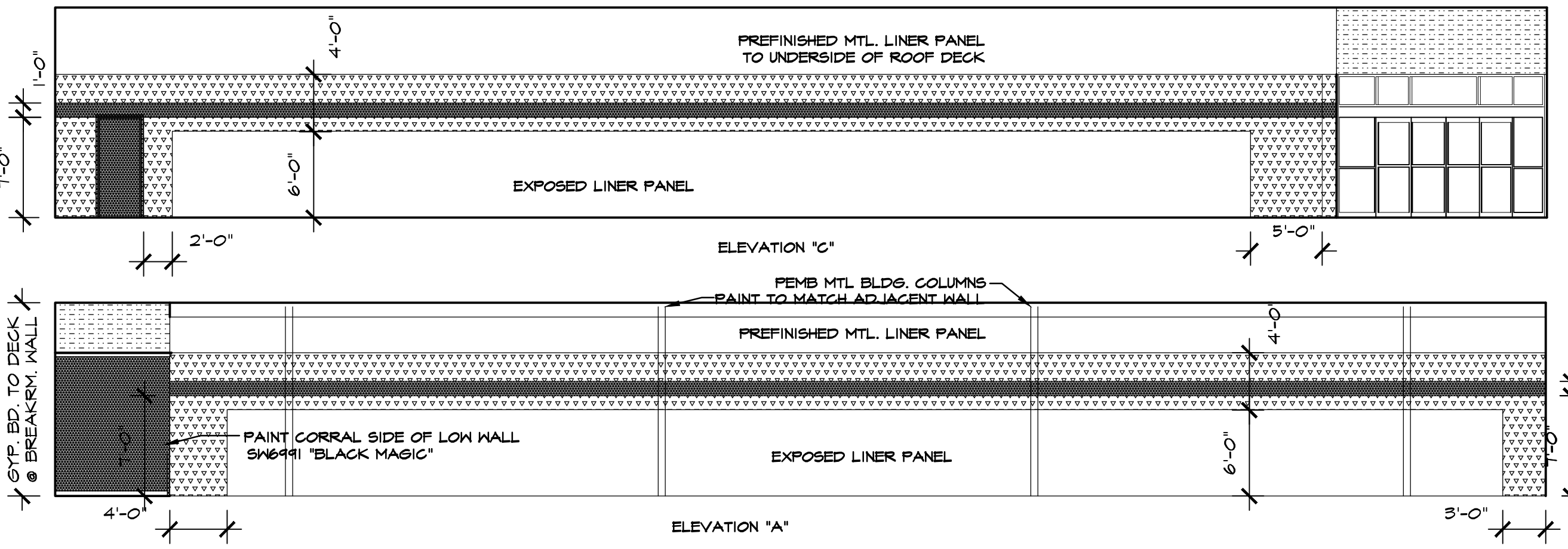
- From each corner of the stockroom, facing the opposite corner.
- Hall (in side entrance stores, one picture from each end of the hall)
- Standing 10' from the entrance facing the entrance.

ELEVATION/PHOTO KEY PLAN

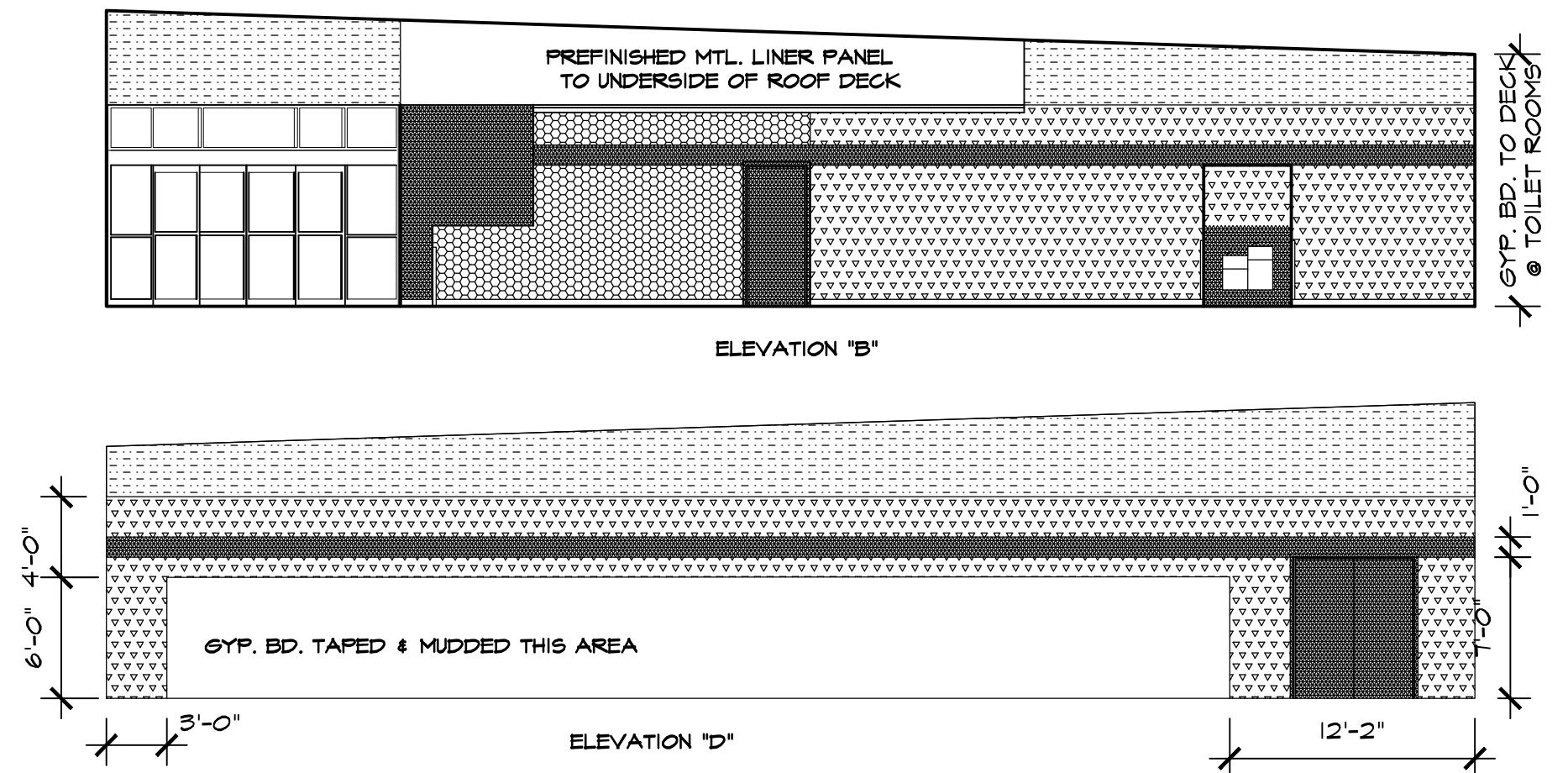


ROOF PLAN

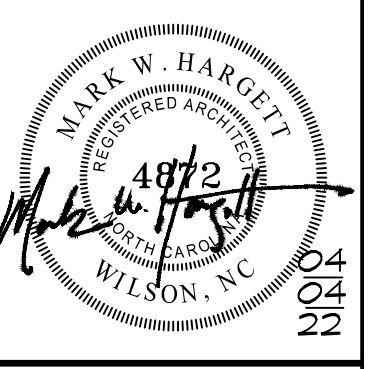
SCALE: 1/16" = 1'-0"



PAINTING DIAGRAM



- EXPOSED MTL. LINER PANEL
- SW7065 'ARGOS' - SALES FLOOR
- SW6910 'DAISY' YELLOW
- SW6991 'BLACK MAGIC' - OPEN CART CORRAL
- SW1005 'PURE WHITE'



ISSUED FROM:
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DOLLAR GENERAL
 STORE # 23680
 MAMERS ROAD
 LILLINGTON, NORTH CAROLINA

JOB NUMBER
 DRAWN BY: MAH
 DATE: 04/04/22
 REVISIONS

SHEET NUMBER

A-5

OF

FOUNDATION NOTES

- FOUNDATION DESIGN BASED ON ASSUMED SOIL BEARING PRESSURE OF 2000 PSF.
- MINIMUM COMPRESSIVE STRENGTH f'_c OF CONCRETE TO BE 4000 PSI.
- STEEL REINFORCEMENT BARS TO BE AG 15, GRADE 60. REINFORCEMENT BARS TO BE SUPPORTED BY CHAIRS OR SPACERS. CONCRETE BLOCK OR BRICKS SHALL NOT BE USED AS SPACERS. WELDED WIRE FABRIC (MESH) SHALL CONFORM TO ASTM A185 AND BE PROVIDED IN FLAT SHEETS (ROLLS NOT PERMITTED). SUPPORT WIRE FABRIC WITH CHAIRS OR LIFTS DURING CONCRETE PLACEMENT TO INSURE PROPER POSITION IN SLAB. CONCRETE BLOCK OR BRICKS SHALL NOT BE USED AS SPACERS. MINIMUM SHALL BE AS FOLLOWS:
 - A. SLABS.....3/4"
 - B. ALL CONCRETE CAST AGAINST EARTH.....3"
- ANCHOR RODS SHALL HAVE WITH HEAVY HEX NUTS AND WASHERS (SEE DETAIL). ANCHOR RODS SHALL CONFORM TO ASTM F1554, GRADE 36, UNLESS OTHERWISE NOTED. SEE MANUFACTURER'S DRAWING FOR ANCHOR BOLT SIZE AND LOCATION.
- PERIMETER INSULATION, WHEN REQUIRED SHALL BE INSTALLED IN ACCORDANCE WITH STATE AND LOCAL CODES.
- A 6 MIL POLYETHYLENE VAPOR RETARDER SHALL BE INSTALLED BELOW SLAB.
- BOTTOM OF FOOTING SHALL BE 1'2" BELOW FINISHED GRADE MINIMUM.
- ALL WORK SHALL CONFORM TO THE APPLICABLE SECTIONS OF THE NORTH CAROLINA BUILDING CODE, 2018 EDITION.
- FOUNDATION IS DESIGNED FOR ANCHOR ROD REACTIONS AS SHOWN ON SCHULTE BUILDING SYSTEMS, JOB NO. 179835 (FRED F. RADFAR, P.E.)

STRUCTURAL DESIGN

DESIGN LOADS

Importance Factors:	Wind	(I _w)	—
	Snow	(I _s)	—
	Seismic	(I _s)	—
Live Loads:	Roof	20	psf
	Mezzanine	100	psf
	Floor	100	psf
Snow Loads:		10	psf
Wind Loads:	Basic Wind Speed	115	mph ASCE-7)
	Exposure Category	C	

SEISMIC DESIGN CATEGORY: A B C D

Provide the following Seismic Design Parameters:

Occupancy Category (Table 1604.5) I II III IV

Seismic Use Group 1 2 3 4

Spectral Response Acceleration S_v 20.0%g S_d 7.3%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

Analysis Procedure Simplified Equivalent Lateral Force Dynamic

Architectural, Mechanical, Components anchored? Yes No

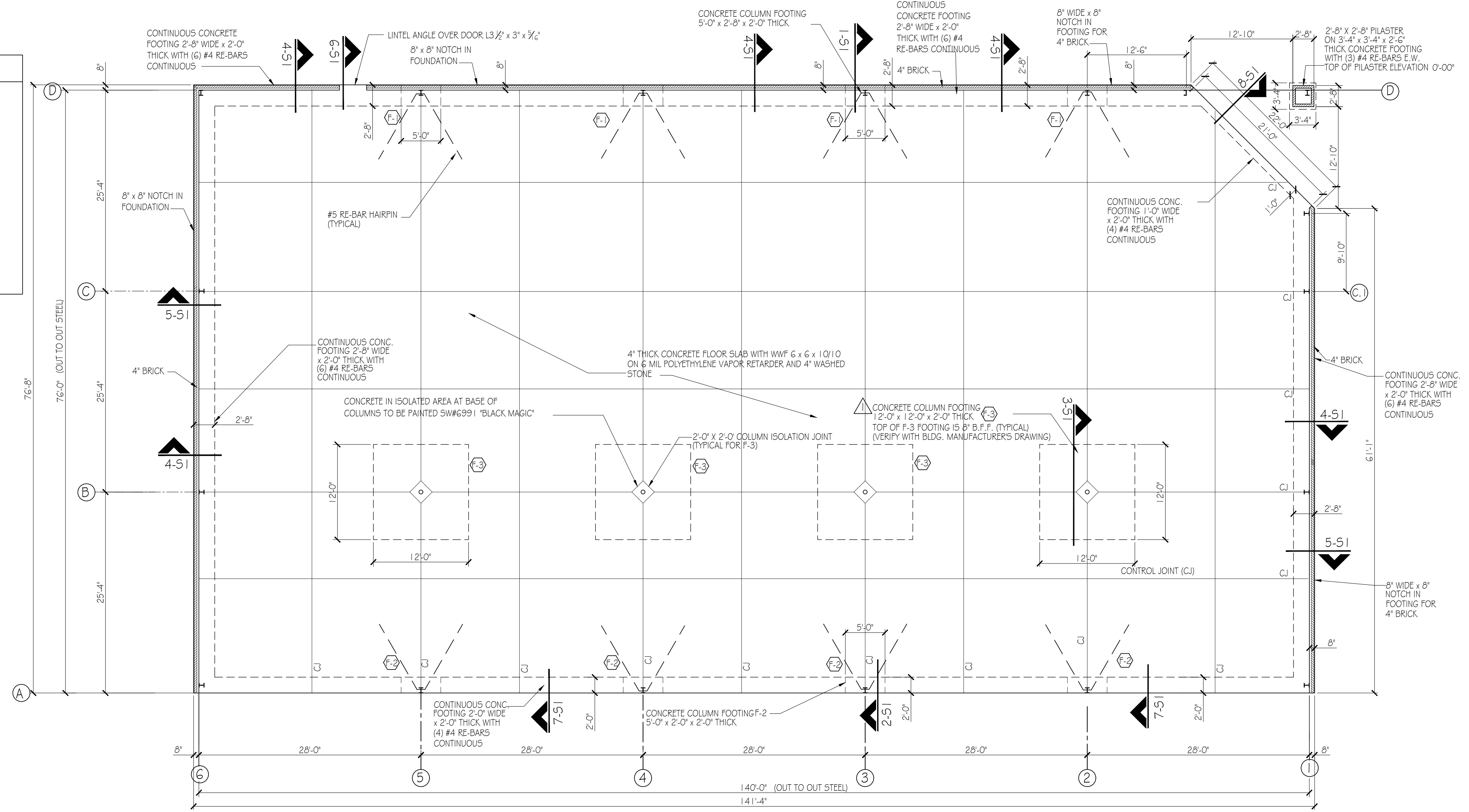
LATERAL DESIGN CONTROL: Earthquake Wind

SOIL BEARING CAPACITIES:

Field Test (provide copy of test report) 3000 psf

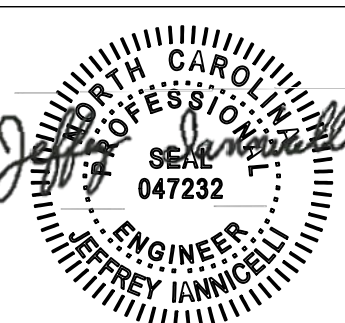
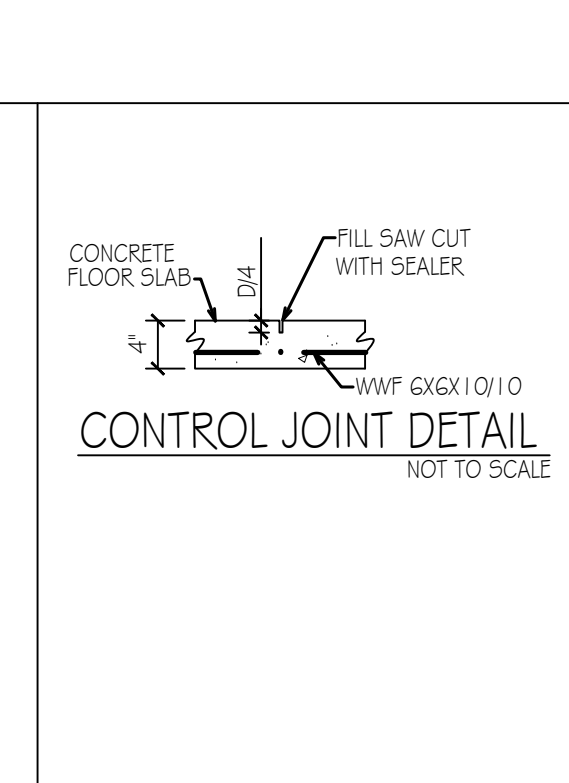
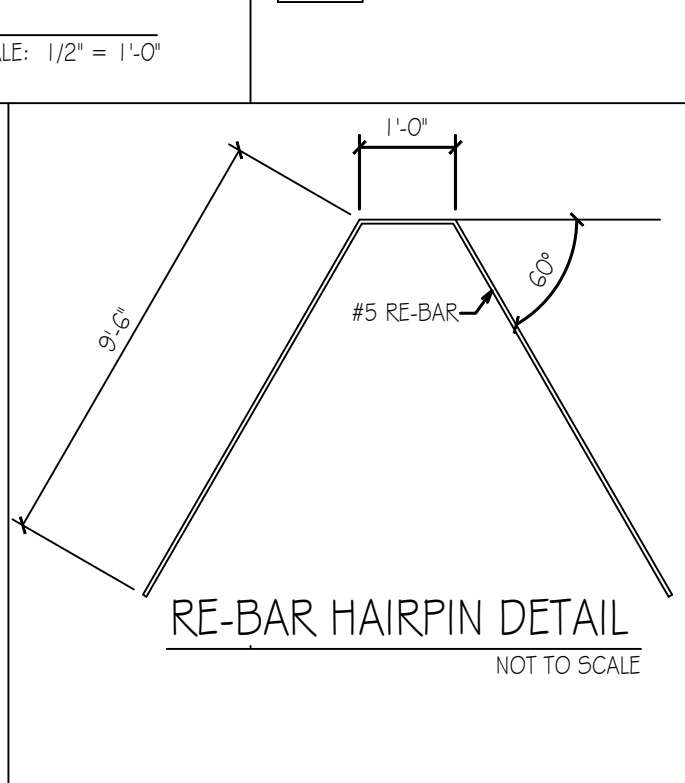
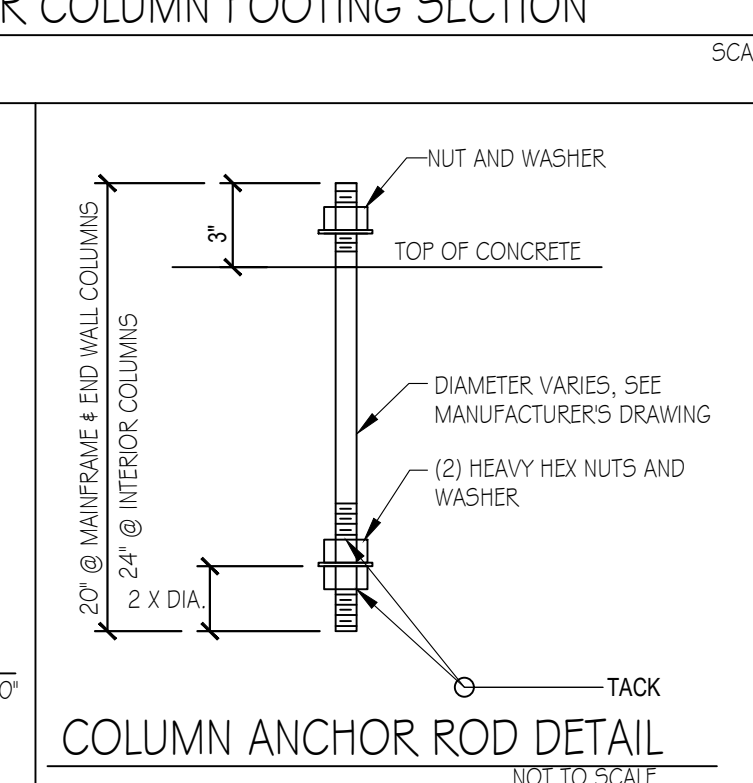
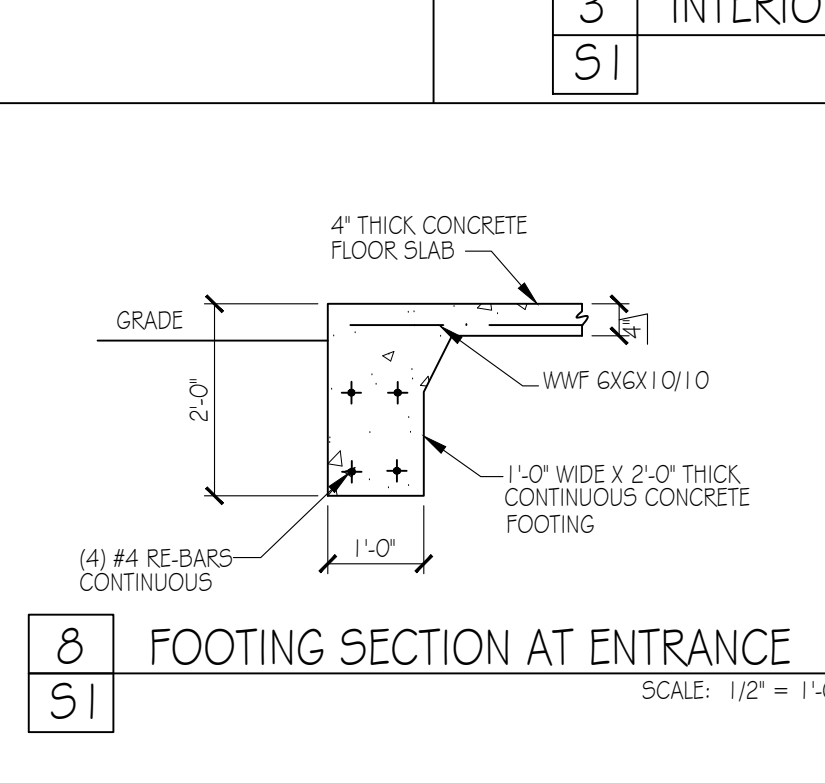
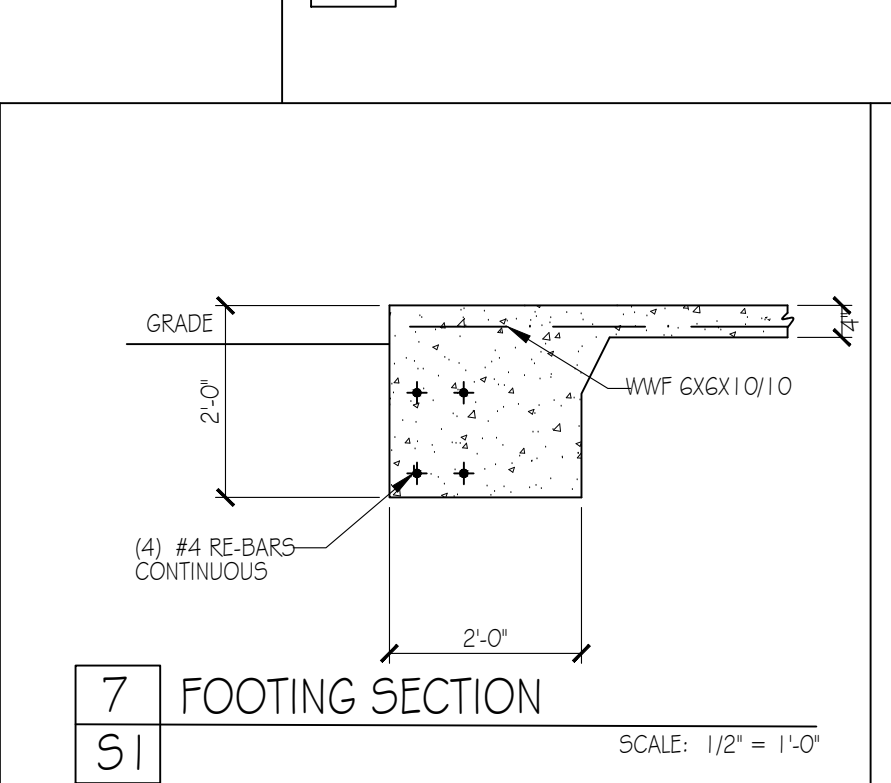
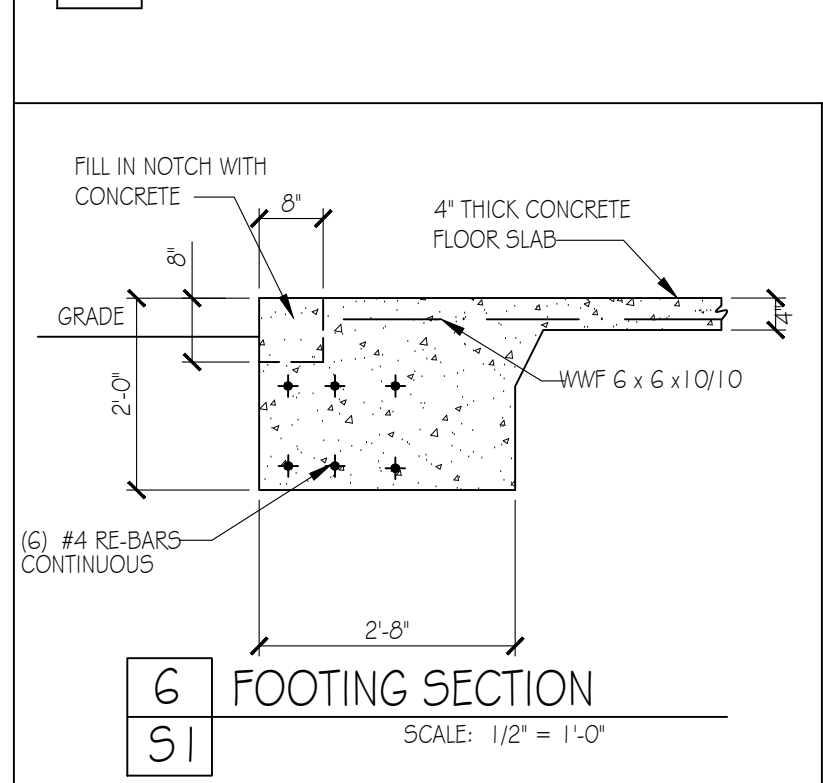
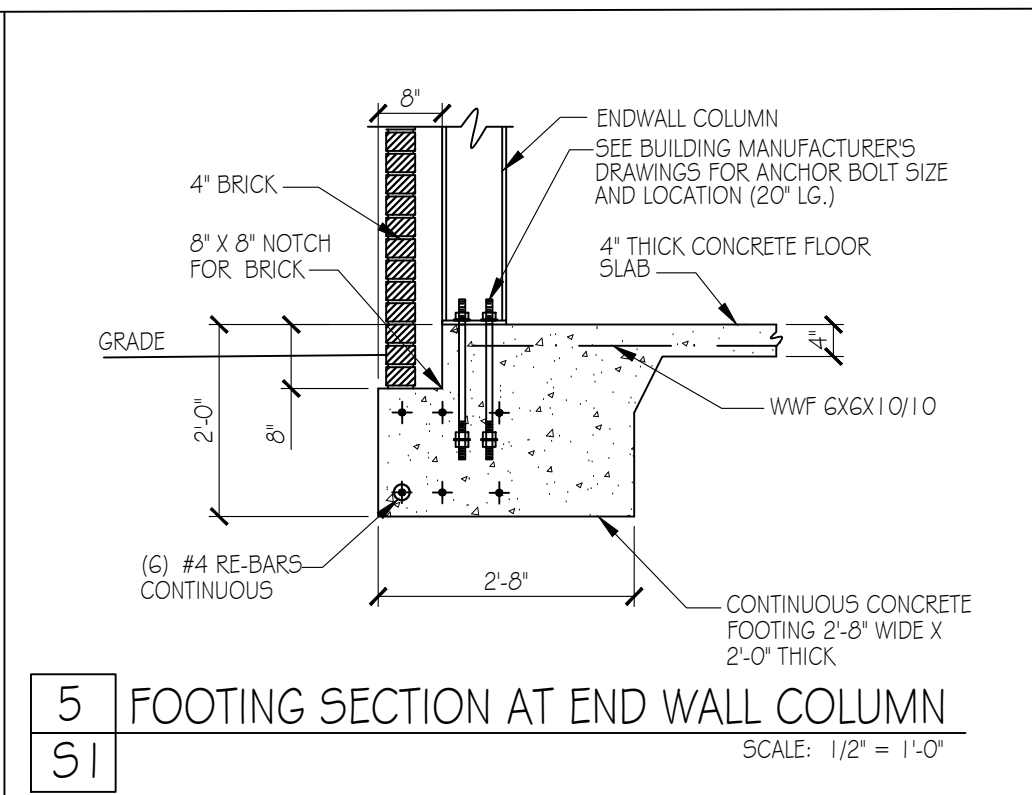
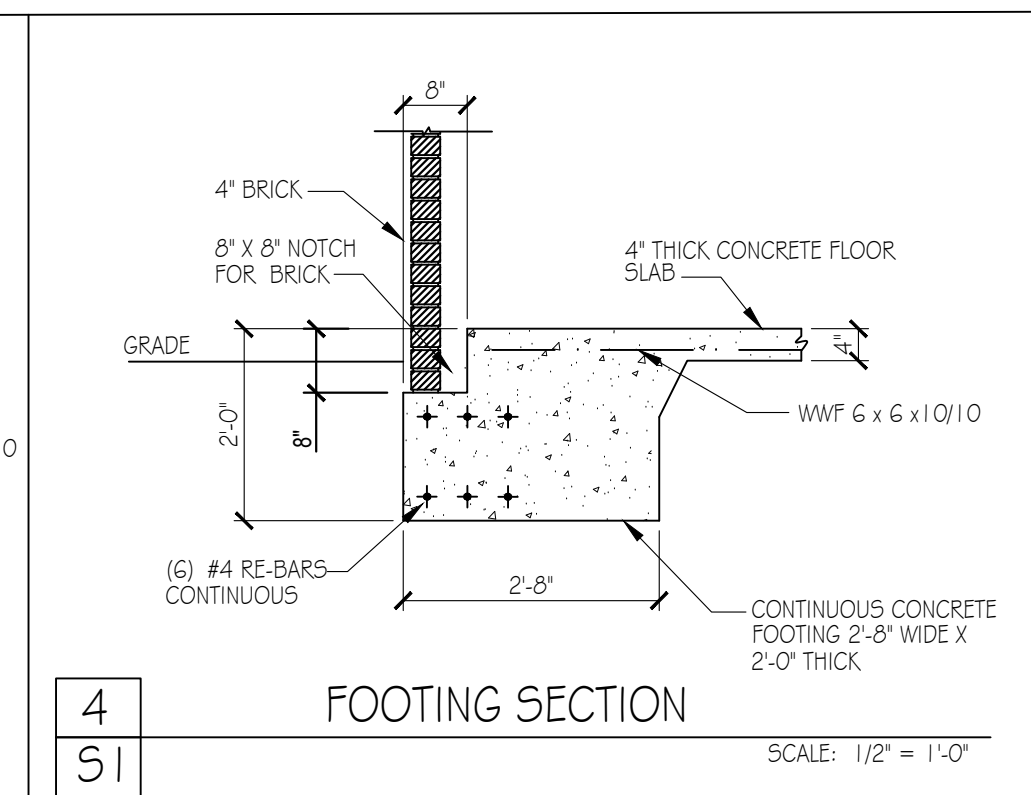
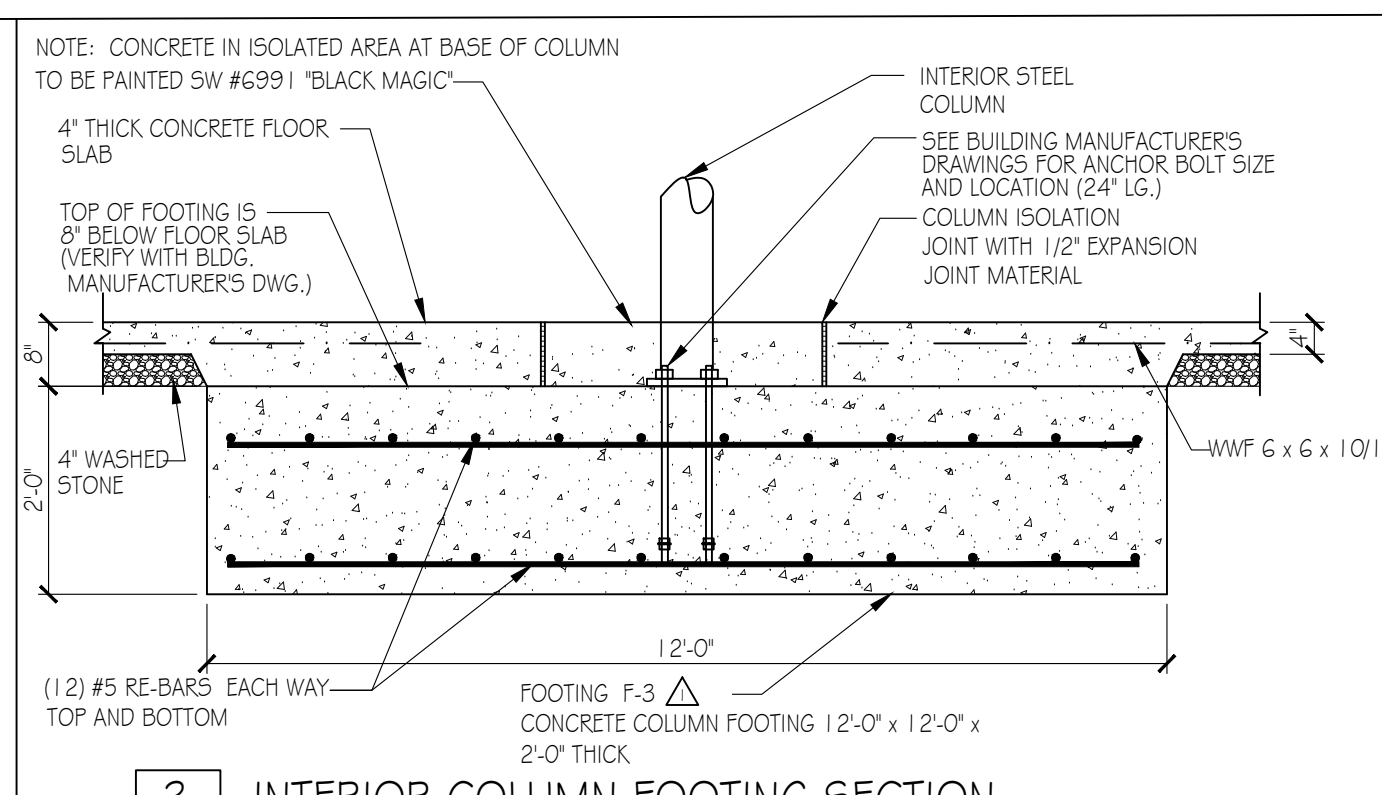
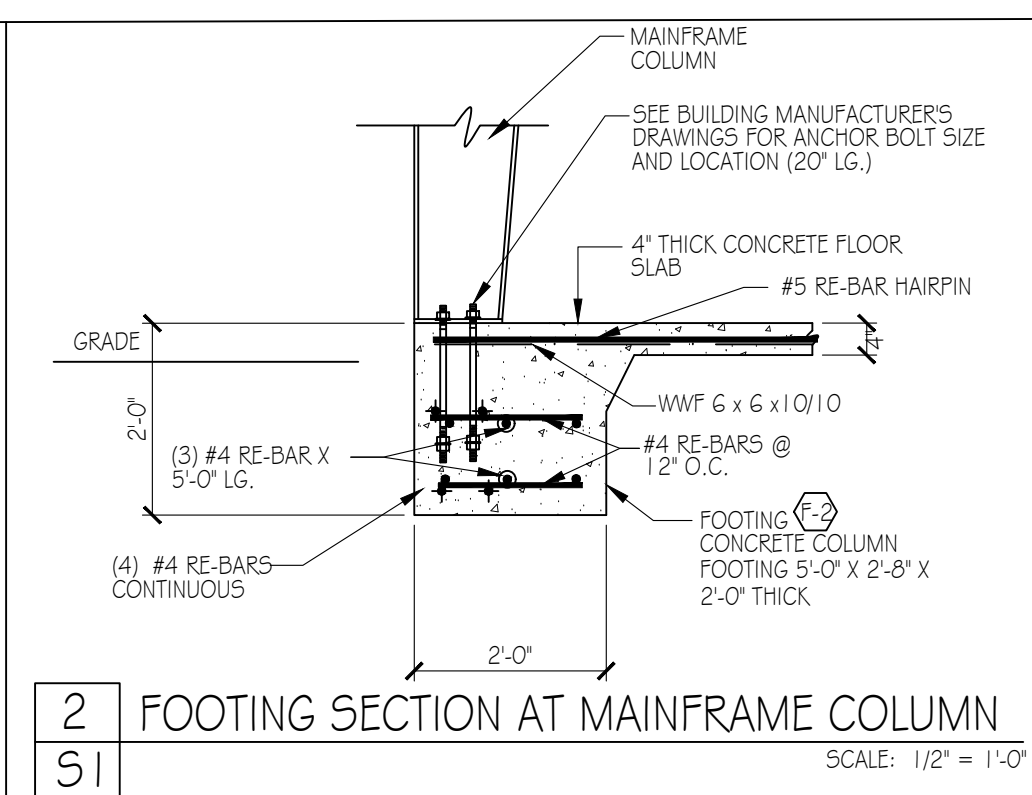
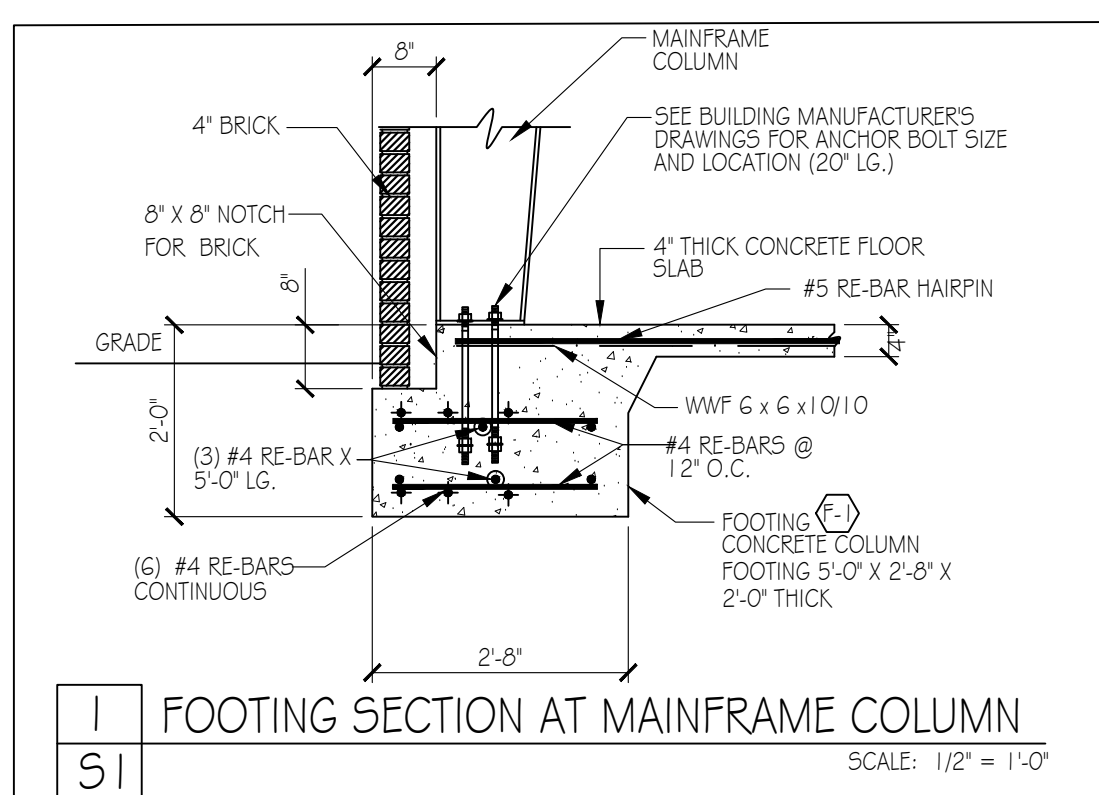
Presumptive Bearing capacity 3000 psf

File size, type, and capacity



FOUNDATION PLAN

NOTE: COORDINATE COLUMN LOCATIONS WITH BUILDING MANUFACTURER'S PLAN SCALE: 1/8" = 1'-0"



5/9/2022

ISSUED FROM:
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JOB NUMBER
 22084
 DRAWN BY
 WTG
 DATE
 APR. 14, 2022
 REVISIONS
 Rev 2

SHEET NUMBER
S-1
 OF ONE

GENERAL PLUMBING NOTES:

- 1. THE FOLLOWING ABBREVIATIONS SHALL APPLY TO NOTES AND PLANS:
A. PLUMBING CONTRACTOR, EC - ELECTRICAL CONTRACTOR,
MC - MECHANICAL CONTRACTOR, GC - GENERAL CONTRACTOR,
FASC - FIRE ALARM SYSTEM CONTRACTOR.
2. "PROVIDE" MEANS TO FURNISH AND INSTALL. THE PLUMBING CONTRACTOR SHALL ALSO INSTALL MATERIALS FURNISHED BY OTHERS AND THE GENERAL CONTRACTOR.
3. THE PC SHALL BE RESPONSIBLE FOR A COMPLETE AND OPERATIONAL SYSTEM AS DESCRIBED BY THESE PLANS AND SPECIFICATIONS.
4. ALL MATERIALS AND EQUIPMENT SHALL BE DELIVERED TO THE SITE AND UNLOADED AT AN APPROVED LOCATION. PC SHALL PROTECT ALL MATERIALS AND EQUIPMENT FROM BREAKAGE, THEFT, AND THE ELEMENTS. ALL MATERIALS AND EQUIPMENT SHALL REMAIN THE PROPERTY OF THE PC UNTIL THE PROJECT HAS BEEN COMPLETED AND TURNED OVER TO THE OWNER.
5. ALL MATERIALS USED SHALL BE NEW AND FREE OF DEFECTS. ANY MATERIALS FOUND TO BE DEFECTIVE SHALL BE REPLACED AT NO EXPENSE TO THE OWNER. ALL MATERIALS AND EQUIPMENT SHALL BEAR APPROVAL FROM UL OR AN APPROVED THIRD PARTY AGENCY, WHERE A MANUFACTURER'S MODEL NUMBER IS GIVEN, IT IS TO ESTABLISH A STANDARD OF QUALITY AND NOT TO LIMIT PRODUCTS TO A PARTICULAR MANUFACTURER. PRODUCTS DETERMINED TO BE EQUAL BY THE ENGINEER WILL BE ACCEPTED.
6. THE PLUMBING SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE 2018 NORTH CAROLINA PLUMBING CODE AND ANY APPLICABLE LOCAL CODES. WHERE A CONFLICT EXISTS BETWEEN THE ABOVE REQUIREMENTS, THE CONTRACTOR SHALL OBTAIN CLARIFICATION FROM THE ENGINEER OR IN THE EVENT ANY PART OF THESE PLANS CONFLICTS WITH THE ABOVE REQUIREMENTS.
7. THE PC SHALL OBTAIN AND PAY FOR ALL PERMITS, FEES, AND INSPECTIONS NECESSARY FOR THE COMPLETION OF THE WORK UNDER THIS CONTRACT.
8. DO NOT SCALE THESE DRAWINGS-REFER TO ARCHITECTURAL SHEETS FOR DIMENSIONS.
9. THESE PLANS ARE DIAGRAMMATIC. THE PC SHALL ADJUST THE LOCATIONS OF EQUIPMENT, FIXTURES, PIPING, ETC. TO ACCOMMODATE PLANNED AND UNPLANNED INTERFERENCES. THE DRAWINGS DO NOT SHOW ALL DETAILS, OFFSETS, AND FITTINGS THAT MAY BE REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM. THE PC SHALL MAKE ALLOWANCES FOR SUCH DEVIATIONS AND CONTINGENCIES IN BID TO IMPLEMENT THEM WITHOUT ADDITIONAL COST TO THE OWNER. THE PC SHALL VISIT THE SITE PRIOR TO BIDDING TO BECOME FAMILIAR WITH EXISTING CONDITIONS. CONTRACTOR SHALL CONTACT THE ENGINEER TO RESOLVE ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THESE PLANS. TO AVOID POTENTIAL CONFLICTS, COORDINATE WITH OTHER TRADES PRIOR TO THE START OF CONSTRUCTION. ALL UNDERGROUND UTILITIES SHALL BE LOCATED PRIOR TO ANY DIGGING.
10. TRENCHING, COMPACTION, AND BACKFILL SHALL BE BY PC AND SHALL BE IN ACCORDANCE WITH SECTION 305 OF THE NC PLUMBING CODE. UNDERGROUND LINES SHALL BE LOCATED SUCH THAT THEY DO NOT ENDANGER FOUNDINGS OR FOUNDATION WALLS.
11. THE PC SHALL PROVIDE FIRESTOPPING AT ALL PENETRATIONS OF RATED FLOOR/CEILING ASSEMBLIES AND RATED WALL ASSEMBLIES TO PRESERVE OR RESTORE THE FIRE RESISTANCE RATING. SEAL ALL PENETRATIONS USING A UL LISTED SYSTEM FOUND IN THE UL DIRECTORY SPECIFIC TO THE UL LISTING OF THE ASSEMBLY BEING PENETRATED. SEE ARCHITECTURAL PLANS FOR UL RATED ASSEMBLIES SPECIFIC TO THE PROJECT.
12. SYSTEM TESTING SHALL BE PERFORMED BY PLUMBING CONTRACTOR IN ACCORDANCE WITH NORTH CAROLINA PLUMBING CODE, SECTIONS 312.2, 312.3, AND 312.5.
13. PC SHALL DEMONSTRATE THE ENTIRE DOMESTIC WATER PIPING SYSTEM IN ACCORDANCE WITH THE AMERICAN WATER WORKS ASSOCIATION'S SPECIFICATIONS AND LOCAL HEALTH DEPARTMENT REGULATIONS.
14. AT THE COMPLETION OF WORK AND PRIOR TO ACCEPTANCE BY OWNER, THE PC SHALL CLEAN ALL EXPOSED FIXTURES, MATERIALS, AND EQUIPMENT UNDER THIS CONTRACT.
15. PC SHALL COORDINATE WITH THE GENERAL CONTRACTOR TO ENSURE ALL APPLICABLE CONSTRUCTION WASTES ARE RECYCLED DURING THE CONSTRUCTION PHASE OF THE PROJECT.

MATERIALS:

- 1. ALL OVERHEAD DOMESTIC WATER PIPING SHALL BE TYPE L COPPER WITH 90/10 LEAD FREE SOLDER, AND ALL BELOW GRADE WATER PIPING SHALL BE TYPE K COPPER WITH NO JOINTS. ALL PIPING SHALL HAVE MANUFACTURER'S NAME AND THE APPLICABLE STANDARD TO WHICH IT WAS MANUFACTURED CLEARLY MARKED ON EACH LENGTH. PIPING SHALL COMPLY WITH ASTM B-88. USE BRAZED JOINTS ON ALL COPPER PIPING 1-1/2 INCH AND LARGER. ALL PIPE AND PIPE FITTINGS, INCLUDING VALVES AND FAUCETS, USED IN THE WATER DISTRIBUTION SYSTEM SHALL HAVE A MAXIMUM LEAD CONTENT OF 25-PERCENT AND SHALL CONFORM TO NSF 61. HOT WATER DISTRIBUTION PIPE AND TUBING SHALL HAVE A MINIMUM PRESSURE RATING OF 100 PSI AT 180°F. COLD WATER DISTRIBUTION PIPE AND TUBING SHALL HAVE A MINIMUM PRESSURE RATING OF 160 PSI AT 73.4°F. DO NOT INSTALL PEX OR CPVC PIPING IN RETURN AIR PLenums.
2. BALL VALVES SHALL HAVE BRASS BODY, FULL PORT, CHROME PLATED BALL, WITH TEFLON SEALS, 150 PSI WSP, AND COMPLY WITH MSS SP-110. GATE VALVES SHALL HAVE BRONZE BODY, CLASS 150, AND COMPLY WITH MSS SP-80, TYPE 2 STANDARD. VALVE BODY SHALL BE ASTM B 62. BRONZE WITH INTEGRAL SEAT AND UNION RING BONNET. ENDS SHALL BE THREADED OR SOLDER WITH COPPER-SILICON BRONZE STEM AND SOLID-BRONZE BRONZE DISC. INSTALL VALVES IN LOCATIONS THAT PERMIT EASY ACCESS WITHOUT DAMAGE TO BUILDING OR FINISHED MATERIALS. PROVIDE ACCESS DOORS IF REQUIRED. VALVES SHALL BE BY NIBCO, WATTS, OR STOOHAM.
3. COLD WATER LINES SHALL BE INSULATED WITH 1/2 INCH THICK FIBROUS GLASS INSULATION WITH A FLAME DENSITY RATING LESS THAN 25 AND A SMOKE DENSITY RATING LESS THAN 50 WHEN TESTED IN ACCORDANCE WITH ASTM E 84. HOT WATER LINES UP TO 2 INCHES DIAMETER SHALL HAVE 1 INCH THICK INSULATION CONFORMING TO THE SAME STANDARD. PIPING LARGER THAN 2 INCHES SHALL RECEIVE 1-1/2 INCH THICK INSULATION. CLOSED CELL RUBBER INSULATION MEETING THE SMOKE AND FLAME RATINGS ABOVE MAY BE SUBSTITUTED FOR FIBROUS GLASS TYPE IF SO DESIRED. INSULATION INSTALLED ON PIPING OPERATING BELOW AMBIENT TEMPERATURES MUST HAVE A CONTINUOUS VAPOR RETARDER. ALL JOINTS, SEAMS AND FITTINGS MUST BE SEALED. ON SYSTEMS OPERATING ABOVE AMBIENT, THE BUTT JOINTS SHOULD NOT BE SEALED. ON COLD SURFACES WHERE A VAPOR SEAL MUST BE MAINTAINED, INSULATION SHALL BE APPLIED WITH A CONTINUOUS, UNBROKEN MOISTURE AND VAPOR RETARDER. ALL HANGERS, SUPPORTS, ANCHORS, OR OTHER PROTECTIVE DEVICES SEALED TO COLD SURFACES SHALL BE INSULATED AND VAPOR SEALED TO PREVENT CONDENSATION. ALL PIPE INSULATION SHALL BE CONTINUOUS THROUGH WALLS, CEILING OR FLOOR OPENINGS, OR SLEEVES EXCEPT WHERE FIRESTOP OR FIRE-RATING MATERIALS ARE REQUIRED. INSULATION SHALL HAVE A FACTORY APPLIED AL-SERVICE JACKET WITH SELF-SEALING LAP, WHITE-KRAT PAPER BONDED TO ALUMINUM FOIL AND REINFORCED WITH GLASS FIBERS, CONFORMING TO ASTM C 1136 TYPE 1; VAPOR RETARDER, WITH A SELF-SEALING ADHESIVE. VERIFY THAT PIPING HAS BEEN TESTED, SURFACES ARE CLEAN AND DRY, AND ALL FOREIGN MATERIALS ARE REMOVED BEFORE

- APPLYING INSULATION MATERIALS. INSULATION SHALL BE BY KNUF, ARMACEL, JOHNS-MANVILLE, OR OWENS-CORNING.
4. ALL INSULATION CONTAINING FIBROUS MATERIALS EXPOSED TO AIRFLOW SHALL BE RATED FOR THAT EXPOSURE OR SHALL BE ENCAPSULATED. INSULATING PROPERTIES FOR ALL MATERIALS SHALL MEET OR EXCEED INDUSTRY STANDARDS. POLYSTYRENE PRODUCTS SHALL MEET ASTM C578 91. ALL INSULATION SHALL BE LOW-EMITTING WITH NOT GREATER THAN 0.05 PPM FORMALDEHYDE EMISSIONS. THE MAXIMUM FLAME SPREAD AND SMOKE DEVELOPED INDEX FOR INSULATION SHALL MEET THE REQUIREMENTS OF THE LOCAL CODES AND ORDINANCES APPROVED BY THE JURISDICTION IN WHICH THE BUILDING IS LOCATED.
5. FAUCETS AND FIXTURE FITTINGS SHALL CONFORM TO ASME A112.18.1. FAUCETS AND FIXTURE FITTINGS THAT SUPPLY DRINKING WATER FOR HUMAN CONSUMPTION SHALL CONFORM TO THE REQUIREMENTS OF NSF 61, SECTION 9. FIXTURE FITTINGS, FAUCETS, AND DISPENSERS SHALL BE INSTALLED AND ADJUSTED SO THAT THE FLOW OF HOT WATER FROM THE FITTINGS CORRESPONDS TO THE LEFT HAND SIDE OF THE FIXTURE FITTING.
6. BACKFLOW PREVENTION SHALL BE IN ACCORDANCE WITH SECTION 608.13 OF THE NC PLUMBING CODE AND THE LOCAL AUTHORITY HAVING JURISDICTION. REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTERS SHALL CONFORM TO ASSE 1013 OR ANNA C511. THE RELIEF OPENING SHALL DISCHARGE BY AIR GAP. AIR GAPS SHALL CONFORM WITH ASME A112.1.1.1 AND AIR GAP FITTINGS WITH ASME A112.1.3. DOUBLE CHECK VALVE ASSEMBLIES SHALL CONFORM TO ASSE 1015 OR ANNA C510. ACCESS TO BACKFLOW PREVENTERS SHALL BE PROVIDED AS SPECIFIED BY THE INSTALLATION INSTRUCTIONS OF THE APPROVED MANUFACTURER.
7. FOR BELOW GRADE SANITARY WASTE PIPING, PC SHALL USE SERVICE WEIGHT CAST IRON PIPE WITH COMPRESSION JOINTS (ASTM A 74). USE MINIMUM 2 INCH SIZE UNDERGROUND. SOLID WALL SCHEDULE 40 PVC (ASTM D 2665) WITH SCHEDULE 40 SOCKET TYPE PIPE FITTINGS (ASTM D 3311) MAY ALSO BE USED. DO NOT USE PVC PIPE FOR APPLICATIONS WHERE THE WASTE WATER TEMPERATURE EQUALS OR EXCEEDS 140°F OR IF THE BUILDING HEIGHT EXCEEDS 75 FEET.
8. FOR ABOVE GRADE SANITARY WASTE AND VENT PIPING, USE SERVICE WEIGHT CAST IRON NO-HUB TYPE WITH COUPLINGS (OSPI 301). SOLID WALL SCHEDULE 40 PVC (ASTM D 2665) WITH SCHEDULE 40 SOCKET TYPE FITTINGS (ASTM D 3311) MAY BE USED IF PERMITTED BY LOCAL CODE, EXCEPT IN BUILDINGS EXCEEDING 75 FEET IN HEIGHT. DO NOT INSTALL PVC IN RETURN AIR PLenums. ALL VENT AND BRANCH VENT PIPES SHALL BE SO GRADED AND CONNECTED AS TO DRAIN BACK TO THE DRAINAGE PIPE BY GRAVITY. BRANCH VENTS EXCEEDING 40 FEET IN DEVELOPED LENGTH SHALL BE INCREASED BY THE NOMINAL SIZE FOR THE ENTIRE DEVELOPED LENGTH OF THE PIPE.
9. PC SHALL PROVIDE ALL WATER HEATERS (WATICE/INPU/ AND OTHERS) IN ACCORDANCE WITH 504.7 OF THE NC PLUMBING CODE. ELECTRICAL CONNECTIONS SHALL BE BY ELECTRICAL CONTRACTOR. PC SHALL COORDINATE WITH EC ON ELECTRICAL CHARACTERISTICS OF THE EQUIPMENT PROVIDED.
10. ALL PUMPS SHALL BE RATED FOR TRANSPORT OF POTABLE WATER. PUMPS IN AN INDIVIDUAL WATER SUPPLY SYSTEM SHALL BE CONSTRUCTED AND INSTALLED SO AS TO PREVENT CONTAMINATION FROM ENTERING THE WATER SUPPLY SYSTEM.

METHODS:

- 1. EXTEND DOMESTIC WATER PIPE FROM FIVE (5) FEET OUTSIDE THE BUILDING INTO THE BUILDING AS INDICATED ON THE PLANS AND INSTALL DOMESTIC WATER DISTRIBUTION PIPING TO ALL FIXTURES AND EQUIPMENT REQUIRING THE SAME. WATER SERVICE PIPE AND THE BUILDING SEWER SHALL BE SEPARATED BY 5 FEET OF UNDISTURBED OR COMPACTED EARTH IN ACCORDANCE WITH 603.2. PROVIDE ALL FITTINGS, VALVES, AND OTHER ACCESSORIES AS NECESSARY FOR A COMPLETE INSTALLATION. ALL DOMESTIC WATER PIPING SHALL BE CONCEALED IN FINISHED AREAS. ANY OPEN ENDS SHALL BE PROTECTED UNTIL FINAL CONNECTIONS ARE MADE.
2. ABOVE GRADE DOMESTIC WATER PIPING SHALL BE SLOPED AT A MINIMUM OF 1/32 INCH PER FOOT AND ARRANGED TO DRAIN AT LOW POINTS. INSTALL PIPING TO ALLOW FOR EXPANSION AND CONTRACTION WITHOUT STRESSING PIPE, JOINTS, OR CONNECTED EQUIPMENT. ROUTE PIPING IN AN ORDERLY MANNER-PARALLEL OR PERPENDICULAR TO WALLS WHEN POSSIBLE-AND MAINTAIN GRADE. EACH SUPPLY BRANCH LINE SERVING MORE THAN ONE FIXTURE SHALL HAVE A SHUTOFF VALVE INSTALLED TO ISOLATE ALL FIXTURES AND PIECES OF EQUIPMENT SUPPLIED BY THE BRANCH LINE. THE SHUTOFF VALVE SHALL BE LABELED AND LOCATED AS CLOSE TO THE CONNECTION TO THE SUPPLY MAIN AND RISER AS POSSIBLE. PROVIDE A FULL-OPEN VALVE ON THE BASE OF EVERY WATER RISER PIPE AND ON THE TOP OF EVERY WATER DOWN-FEED PIPE. PROVIDE VALVE HANDLE EXTENSIONS AS NECESSARY FOR INSULATION.
3. IT SHALL BE THE RESPONSIBILITY OF THE PC TO SUSPEND AND SUPPORT ALL PIPING SYSTEMS FOLLOWING RECOGNIZED ENGINEERING PRACTICES AND USING STANDARD, COMMERCIALLY ACCEPTED PIPE HANGERS AND SUSPENSION EQUIPMENT. ALL FIXTURES, DEVICES, AND EQUIPMENT SHALL BE SECURELY MOUNTED TO THE BUILDING STRUCTURE AND SHALL NOT RELY ON CEILING OR WALL SURFACES FOR SUPPORT. THE SUPPORT ATTACHMENT SHALL SUPPORT THE WEIGHT OF THE FIXTURE OR EQUIPMENT PLUS THE WEIGHT OF THE SUPPORT ATTACHMENT. SUPPORT FROM THE TOP CHORD OF THE ROOF JOISTS, GIRDERS, AND BEAMS. THE BOTTOM CHORD IS NOT TO BE USED FOR EQUIPMENT AND PIPING SUPPORT. HANGERS SHALL NOT BE ATTACHED TO CORRUGATED STEEL DECKING. USE STEEL HANGERS FOR STEEL AND PLASTIC PIPE AND COPPER OR COPPER-PLATED HANGERS FOR COPPER PIPE. PROVIDE PROTECTION FOR COPPER PIPING IN CONTACT WITH DISSIMILAR METALS. WATER PIPING IS SUPPORTED ON HANGERS WITH OTHER PIPING. PROVIDE A PERMANENT ELECTROLYTIC ISOLATION MATERIAL TO PREVENT CONTACT WITH OTHER METALS. IN GENERAL, HANGERS SHALL BE CLEVIS TYPE, STANDARD WEIGHT. FOR PIPING, HANGER SPACING SHALL BE IN ACCORDANCE WITH TABLE 308.5 OF THE NC PLUMBING CODE. HANGERS AND ACCESSORIES SHALL BE GRNELL, WASON, OR B-LINE. SLEEVES ALL PIPES PASSING THROUGH PARTITIONS, WALLS, AND FLOORS. SLEEVES IN FLOORS AND INTERIOR WALLS OF POURED IN PLACE CONCRETE, BRICK, TILE, OR MASONRY SHALL BE SCHEDULE 40 STEEL PIPE, MACHINE CUT. SLEEVES IN GYPSUM BOARD WALLS SHALL BE 22 GAUGE, ROLLED GALVANIZED SHEET METAL TACK WELD ON THE LONGITUDINAL SEAM. PROVIDE SLEEVES WHERE PIPES PASS THROUGH FLOORS AND WALLS ABOVE AND BELOW CEILINGS. PROVIDE SPLIT PIPE SLEEVES IN NEW WALLS BUILT UP AROUND EXISTING PIPES. TACK WELD SPLIT SLEEVES TOGETHER. SLEEVES IN WALLS SHALL BE INSTALLED FLUSH WITH THE WALL. SLEEVES IN FLOORS SHALL EXTEND 3/4 INCH ABOVE THE FLOOR-EXCEPT THEY SHALL BE FLUSH FOR 2 HOUR RATED FLOORS-AND SHALL BE FLUSH WITH THE STRUCTURE BELOW. EACH SLEEVE SHALL HAVE AN INSIDE DIAMETER 1/8 INCH LARGER THAN THE OUTSIDE DIAMETER OF THE COVERING OF EACH COVERED PIPE TO ALLOW CONTINUOUS INSULATION-BUT NOT LESS THAN TWO PIPE SIZES LARGER THAN EACH UNCOVERED. ANNULAR SPACES BETWEEN SLEEVES AND PIPES SHALL BE FILLED OR CAULKED IN AN APPROVED MANNER.
5. THE TOP OF WATER PIPES INSTALLED BELOW GRADE OUTSIDE THE BUILDING SHALL BE BELOW THE FROST LINE OR A MINIMUM OF 12 INCHES BELOW FINISHED GRADE WHICHEVER IS GREATER. WATER PIPING INSTALLED IN A WALL EXPOSED TO THE EXTERIOR SHALL BE

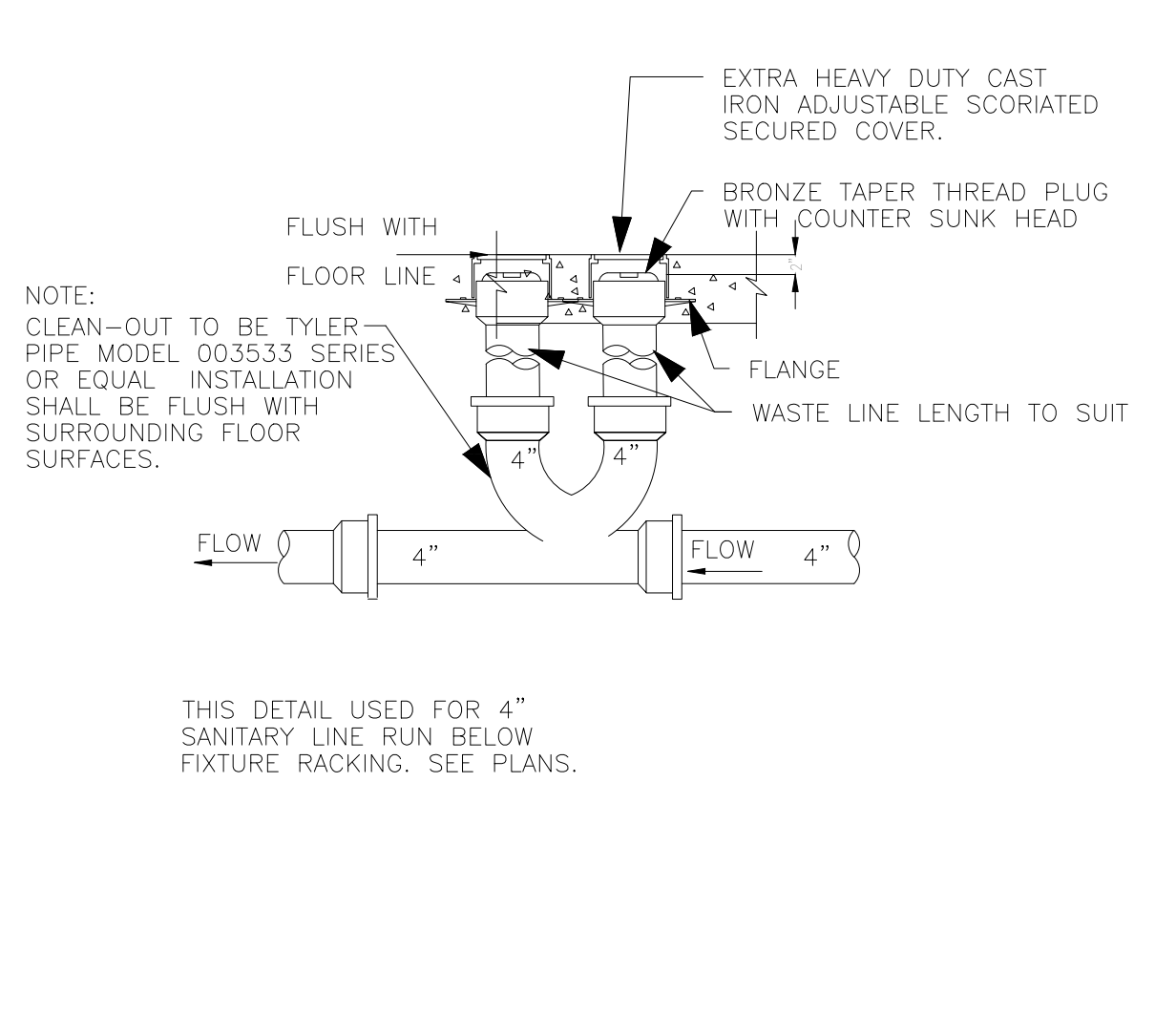
DO NOT TAP WATER LINE AHEAD OF RPZ.

PLUMBING NOTES AND SCHEDULES | 1

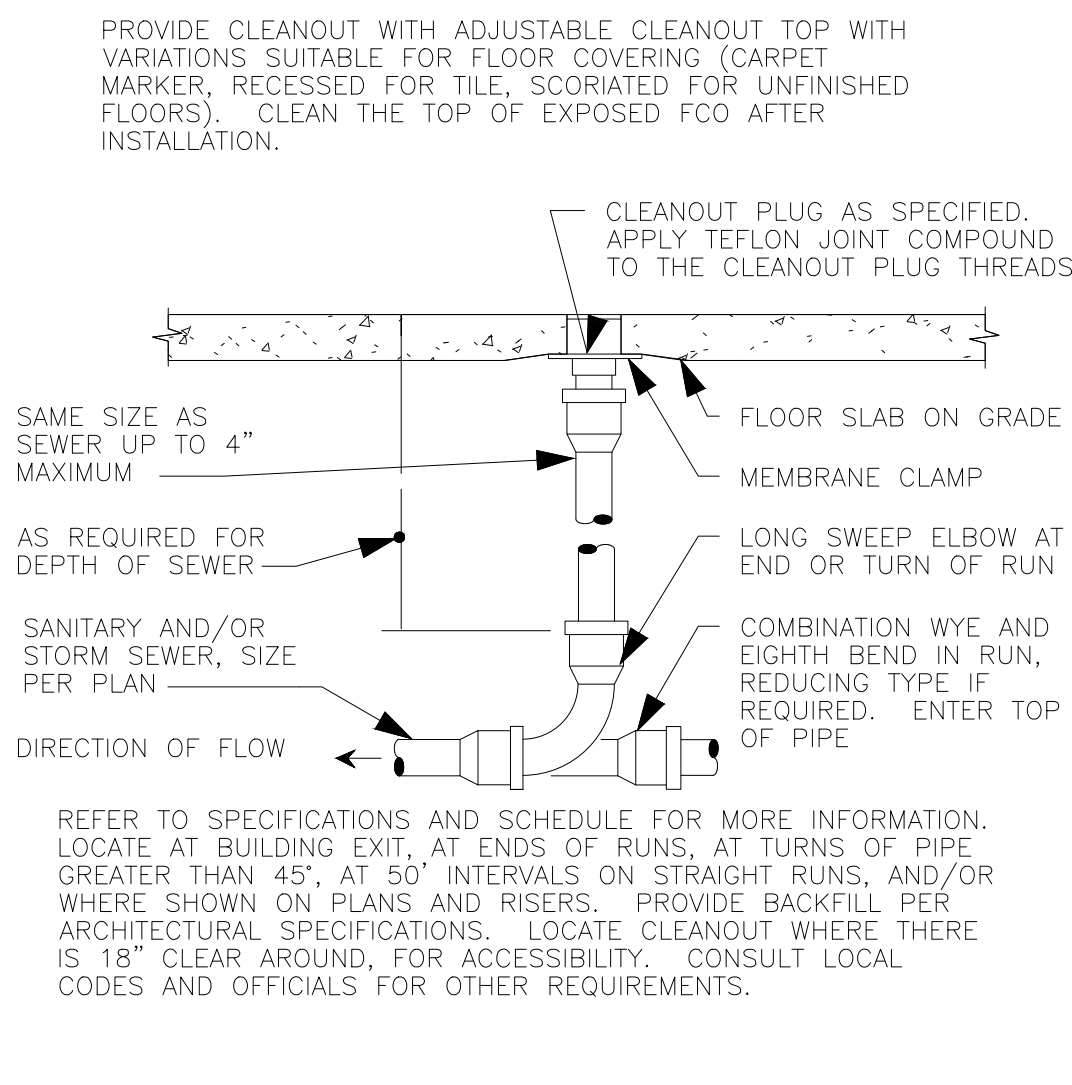
MOP SINK WATER HEATER DETAIL - NO SCALE | 7

PLUMBING FIXTURE SCHEDULE table with columns: SYMBOL, FIXTURE, MANUFACTURER, FITTING, HW, CW, WASTE, VENT. Rows include PHH TANK TYPE WATER CLOSET, P2 WALL MOUNT LAVATORY, P3 DRINKING FOUNTAIN, P4 FLOOR DRAIN, P4A TRAP PRIMER, YCO WALL CLEANOUT, CO CLEAN OUT, YCO 2-WAY YARD CLEAN OUT, P5 WATER HAMMER ARRESTOR, P6 FREEZEPROOF WALL HYDRANT, P7 ELECTRIC WATER HEATER, P8 EXPANSION TANK, P9 MOP SINK.

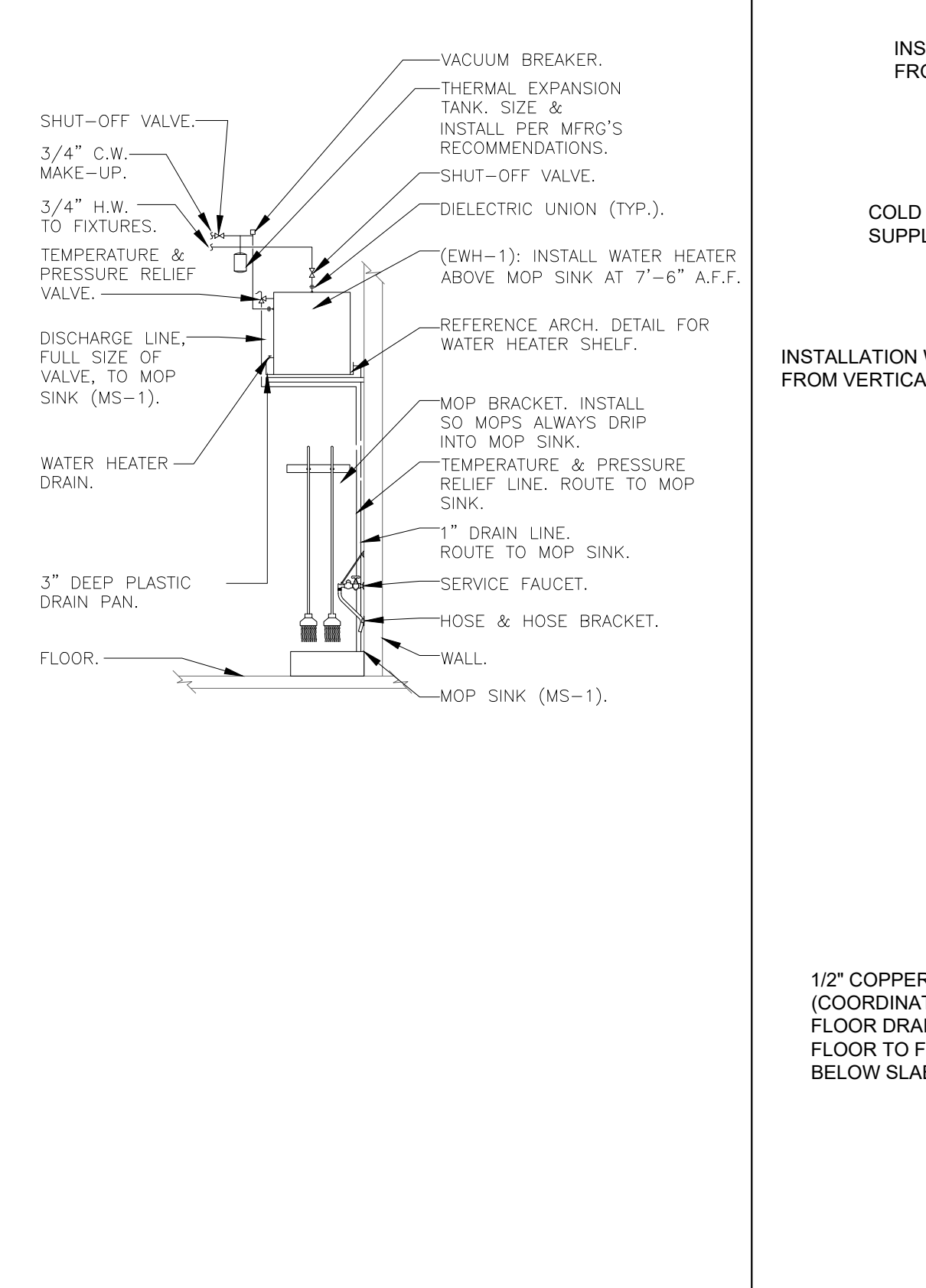
PLUMBING FIXTURE SCHEDULE | 2



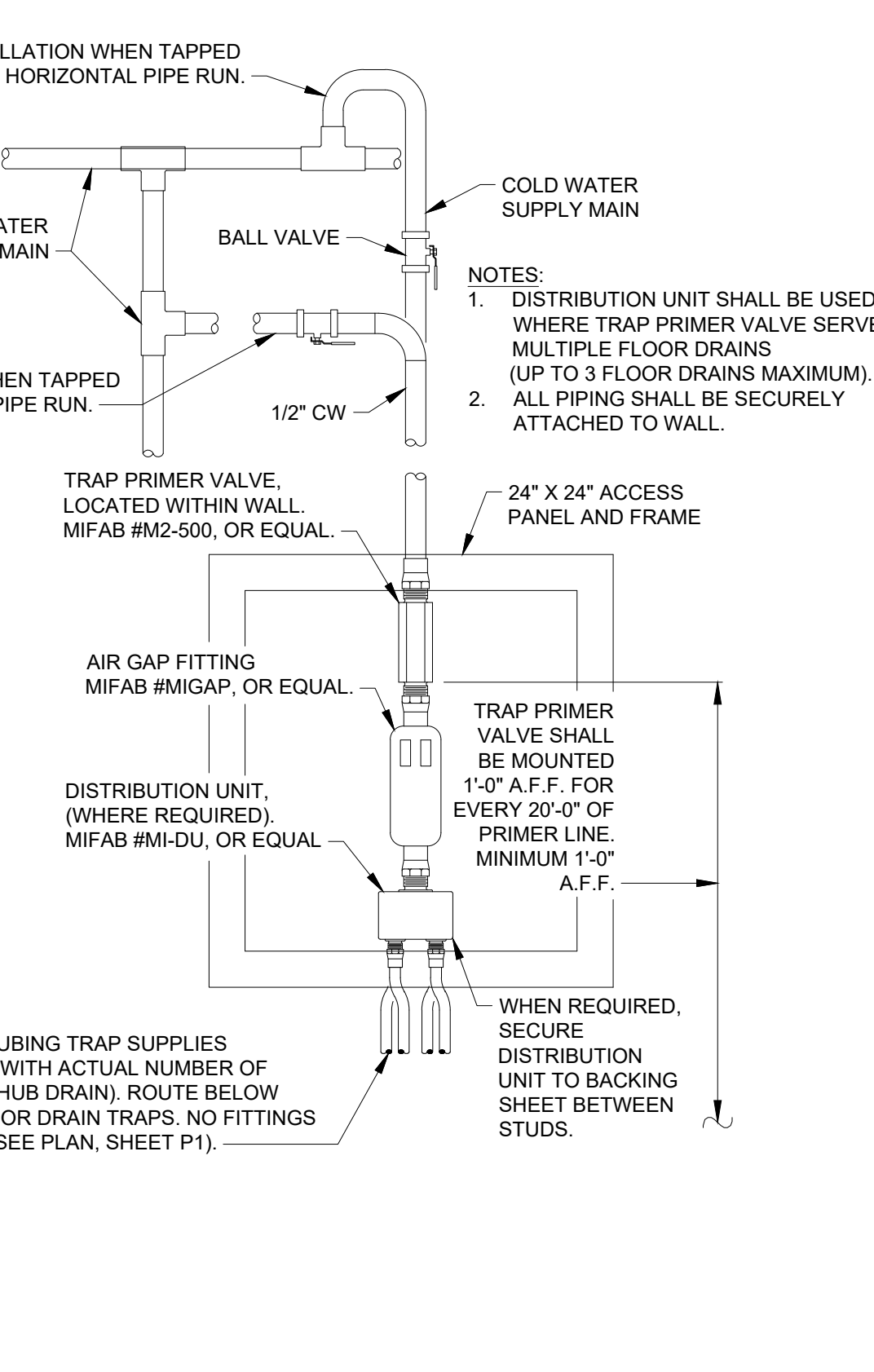
2-WAY YARD CLEAN OUT DETAILS-NO SCALE | 4



FLOOR CLEAN OUT DETAILS-NO SCALE | 5



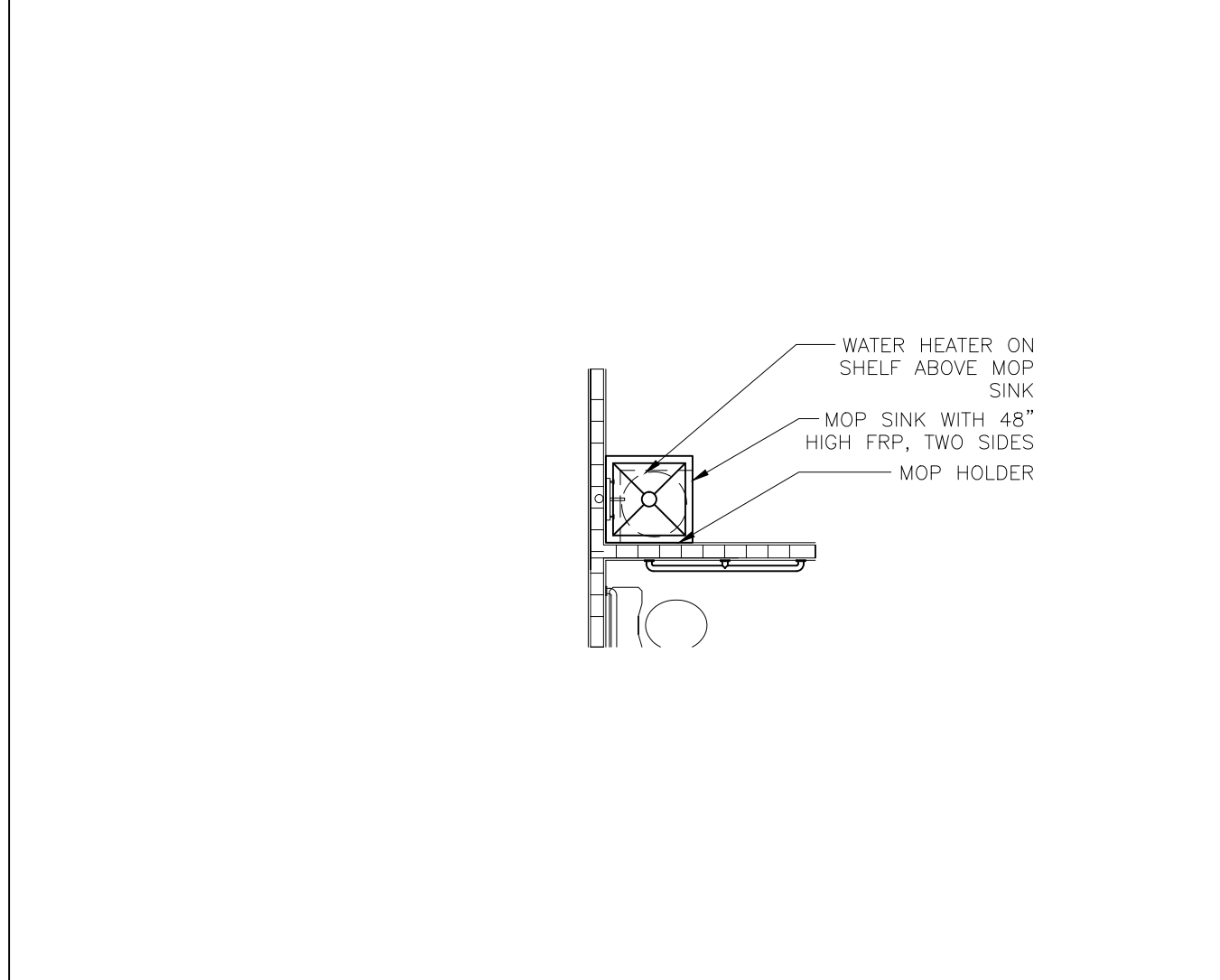
MOP SINK WATER HEATER DETAIL - NO SCALE | 7



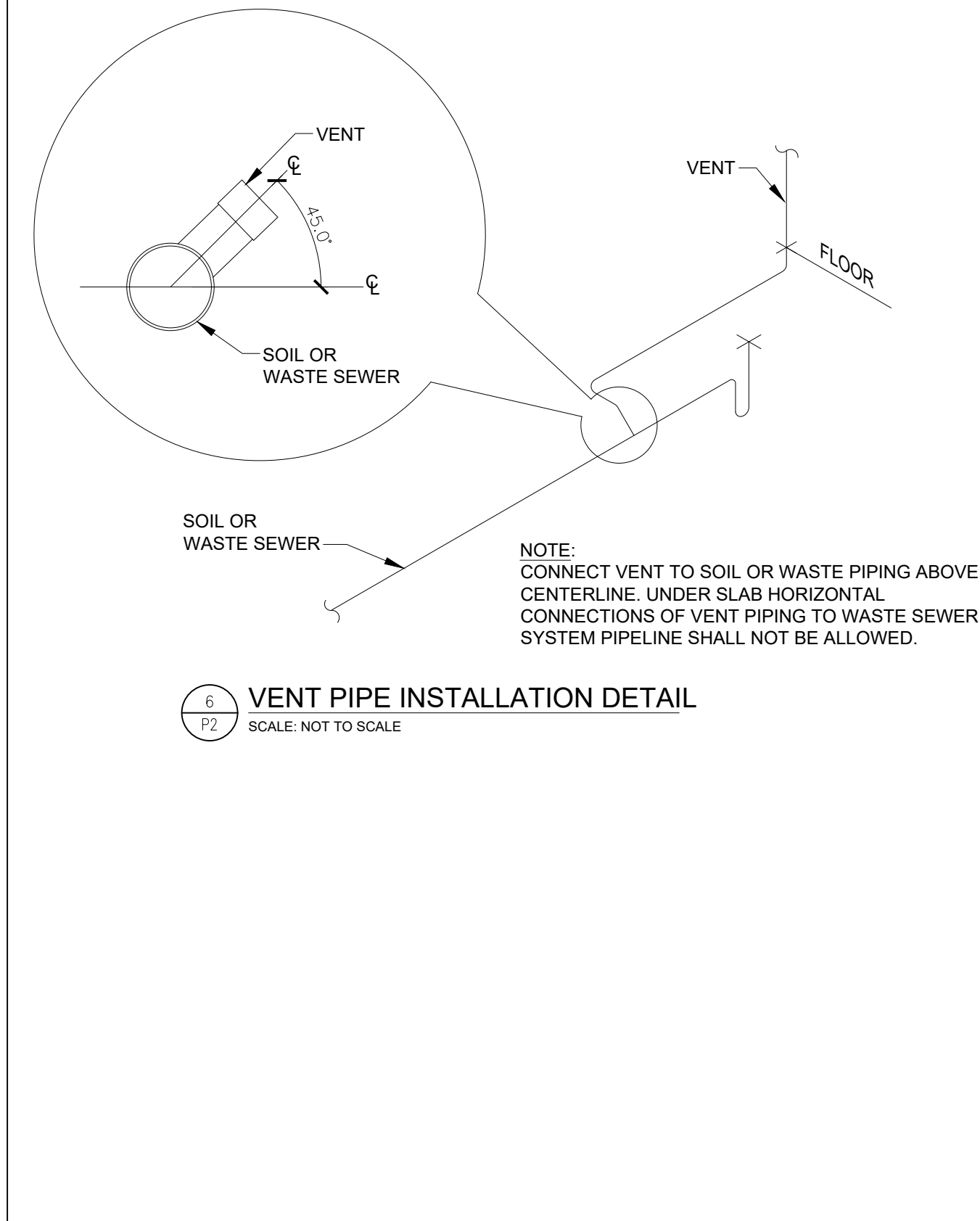
TRAP PRIMER DETAIL - NO SCALE | 8

PLUMBING LINES SIZING TABLE table with columns: FIXTURE TYPE, OCCUPANCY, QTY, DRAINAGE FIXTURE UNITS, WATER SUPPLY FIXTURE UNITS, HW TOTAL, TOTAL. Rows include Water Closet (Flush Tank), Lavatory, Drinking Fountain, MOP SINK, Demand Fixture, Hose Bibbs, and other fixtures.

PLUMBING LINES SIZING TABLE | 3



LARGE SCALE MOP SINK DETAIL-NO SCALE | 6

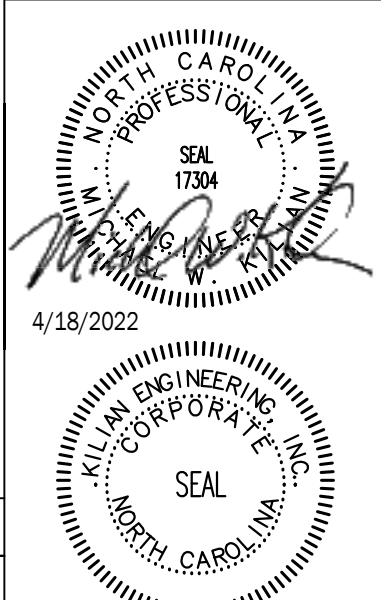


VENT PIPE INSTALLATION DETAIL-NO SCALE | 9

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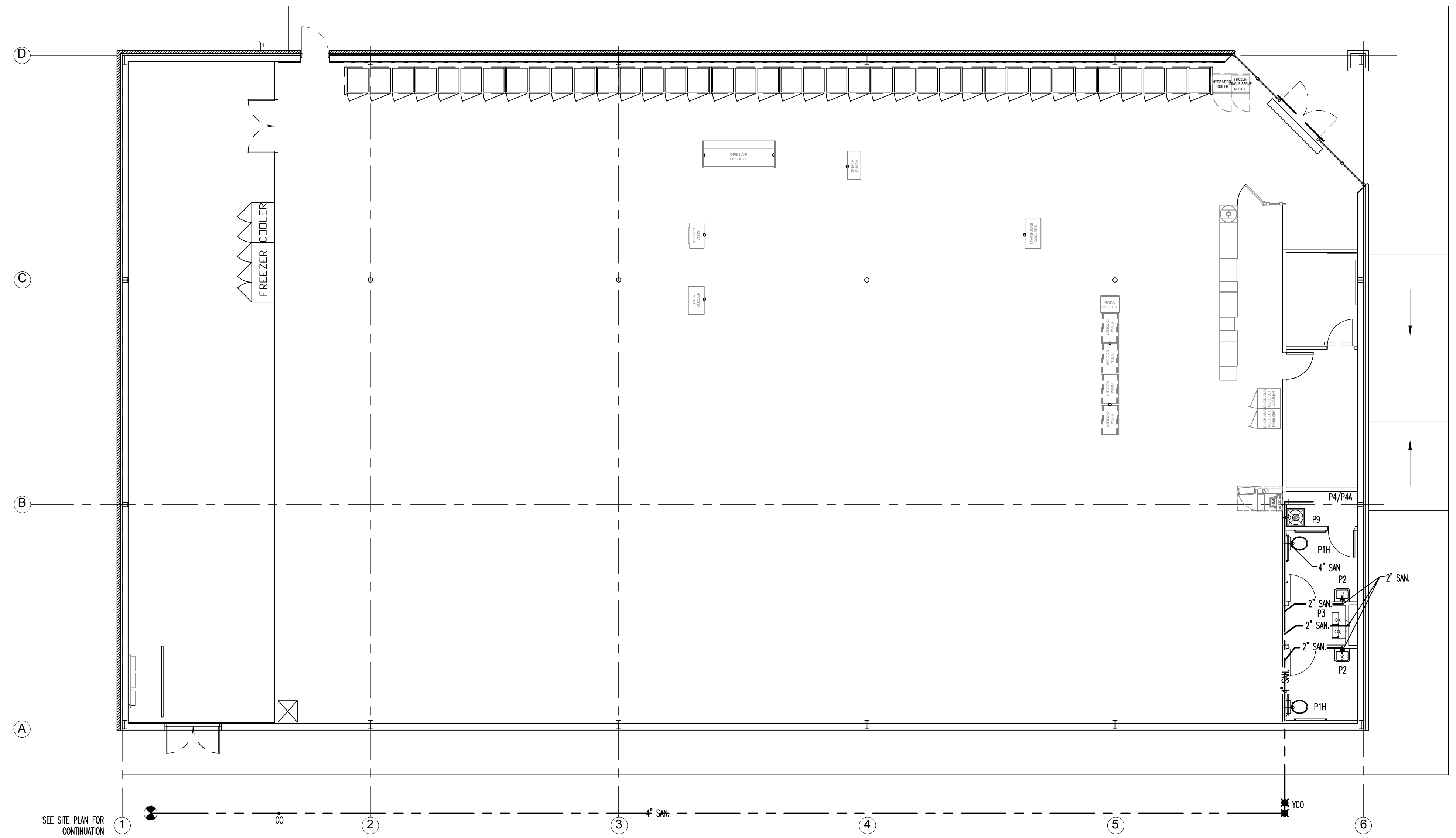


DOLLAR GENERAL STORE # 23680
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LILLINGTON, NC

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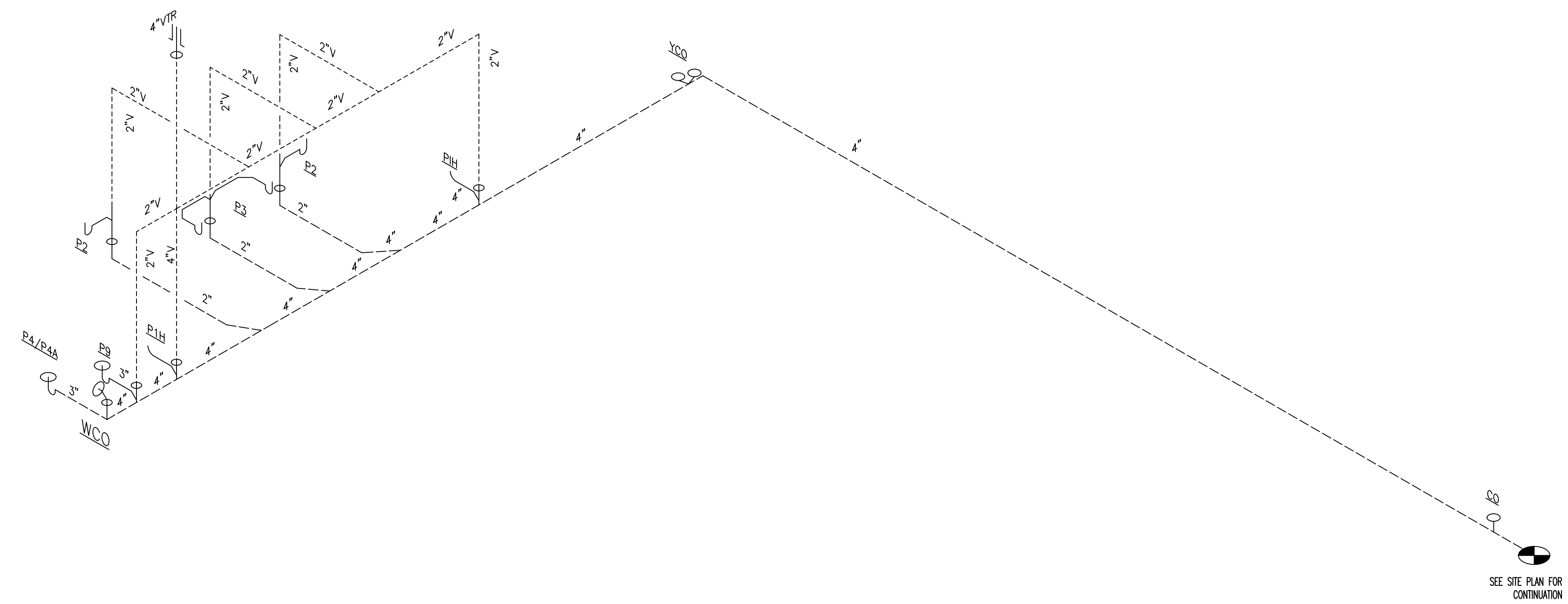
SHEET NUMBER

PO



PLUMBING PLAN - SCALE: 1/8"=1' 1

- PLUMBING KEYED NOTES**
- ① WATER HEATER MOUNTED ABOVE MOP SINK. ROUTE DRAIN PAN DRAIN AND T&P RELIEF VALVE DRAIN FROM WATER HEATER DOWN WALL TO MOP SINK BASIN AND SPILL INTO.
 - ② ROUTE RTU CONDENSATE LINE TO SPILL INDIRECTLY TO MOP SINK. PITCH PIPE WITH ROOF SLOPE (TYP.).

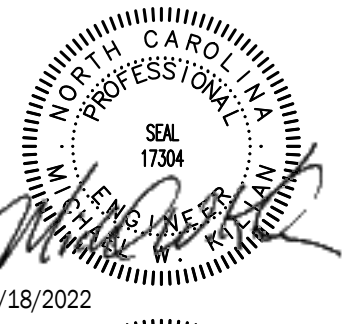


DWV RISER - NO SCALE 2

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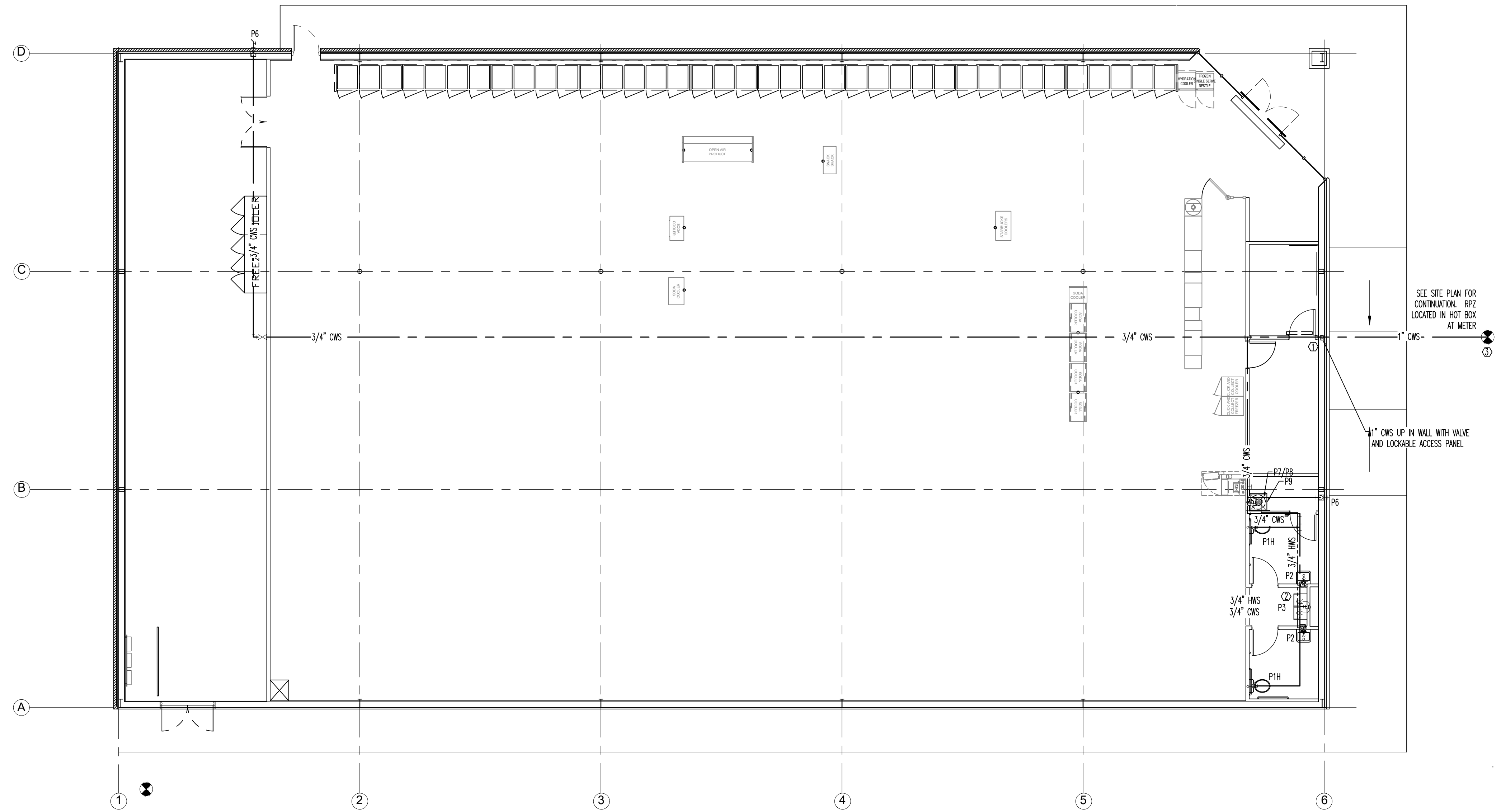
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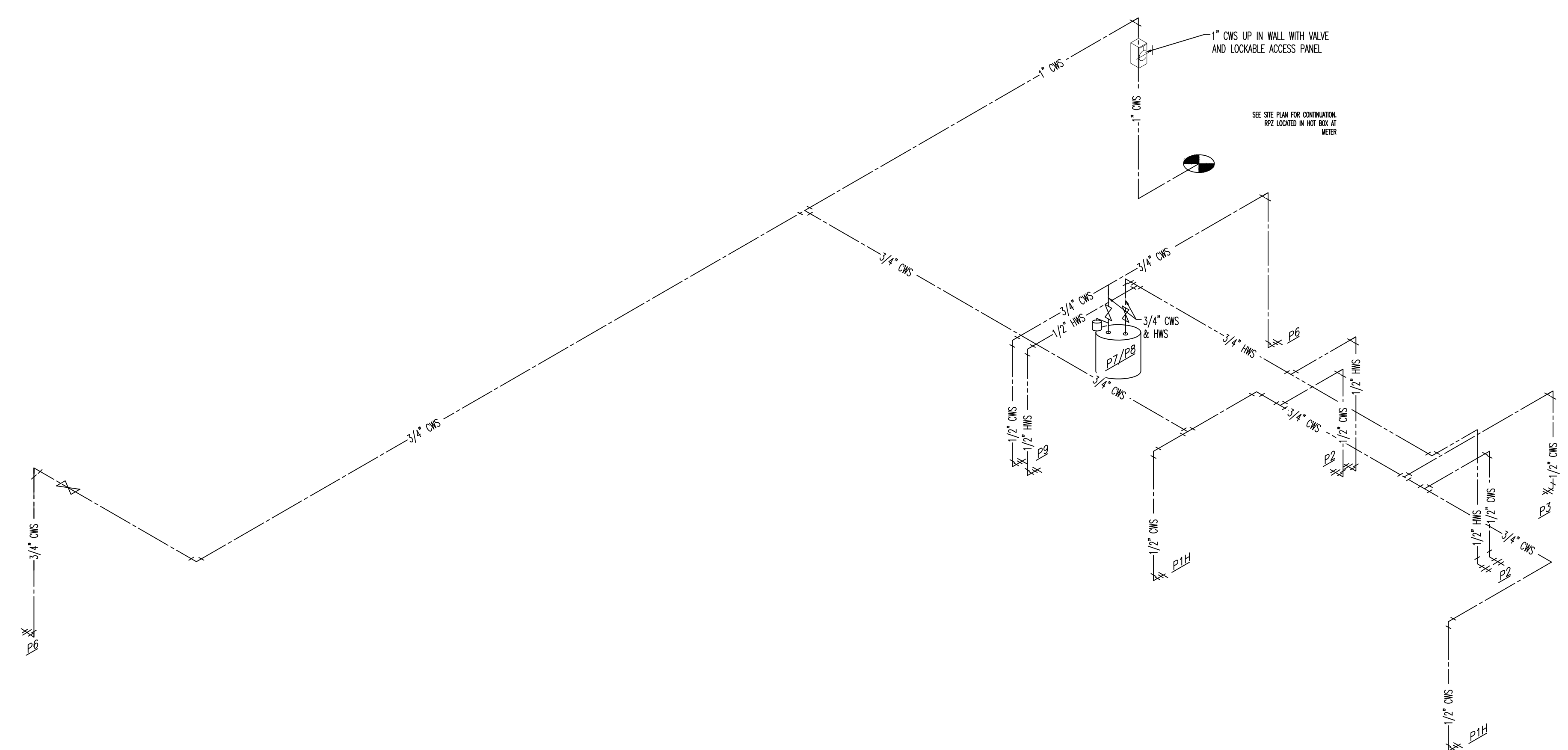
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DOMESTIC WATER DELIVERY PLAN - SCALE: 1/8"=1' 1

- PLUMBING KEYED NOTES**
- ① 1" CW UP IN WALL WITH VALVE AND LOCKABLE ACCESS PANEL.
 - ② PLUMBING CONTRACTOR TO RUN WATER LINE IN SALES AREA AS HIGH AS POSSIBLE OVERHEAD.
 - ③ CONTRACTOR TO COORDINATE WATER METER SIZES WITH LOCAL WATER COMPANY AND CIVIL.

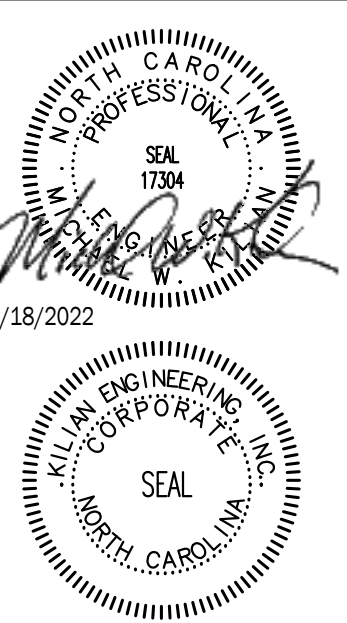


DOMESTIC WATER DELIVERY RISER - NO SCALE 2

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 910 S. 1st Street
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 Phone: 910.251.8899
 Fax: 910.251.8999
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 Wilson, NC 27893
 Phone: 252.292.2100
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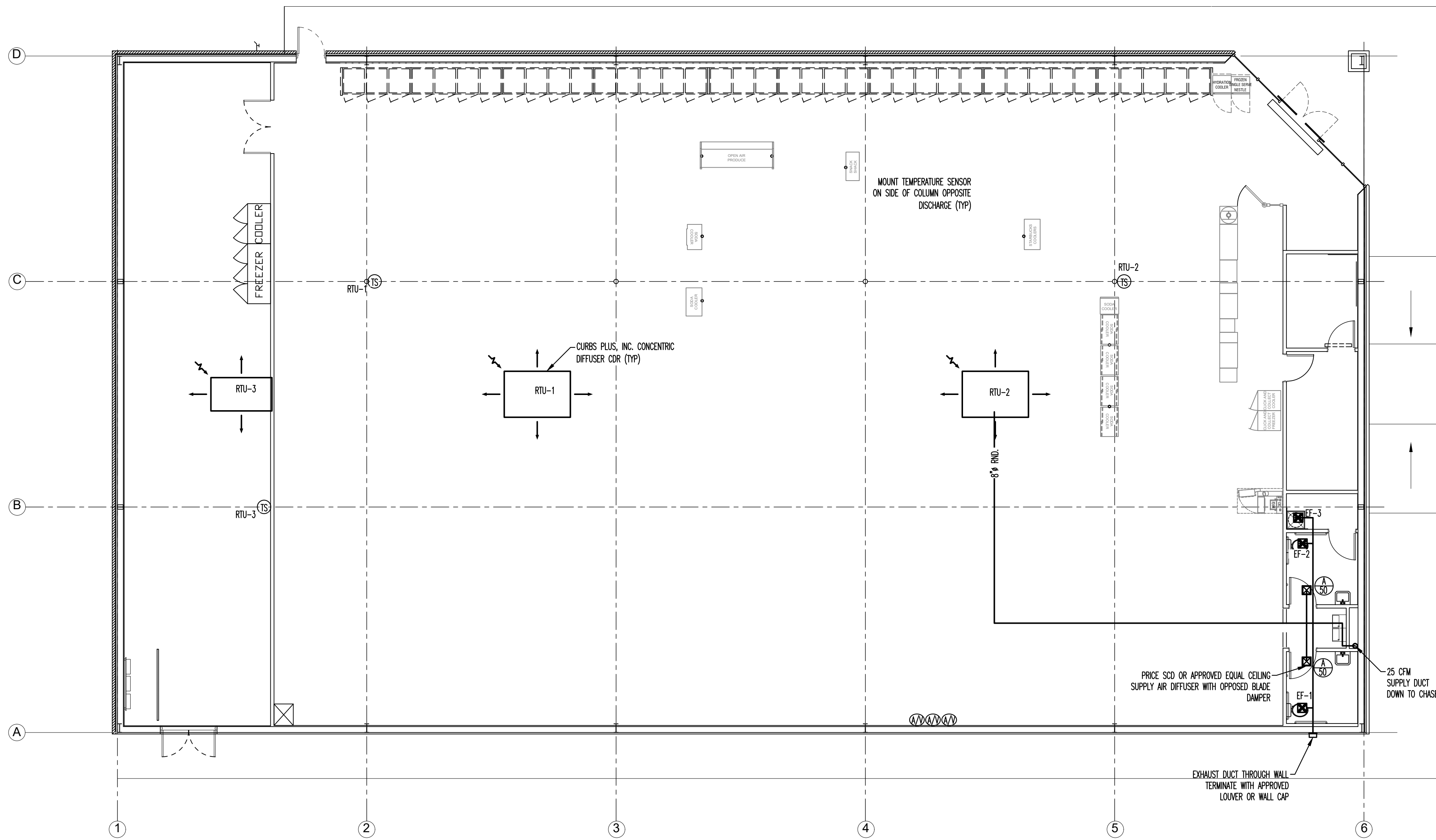
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P2



MECHANICAL PLAN - SCALE: 1/8"=1' 1

HVAC PROJECT NOTES

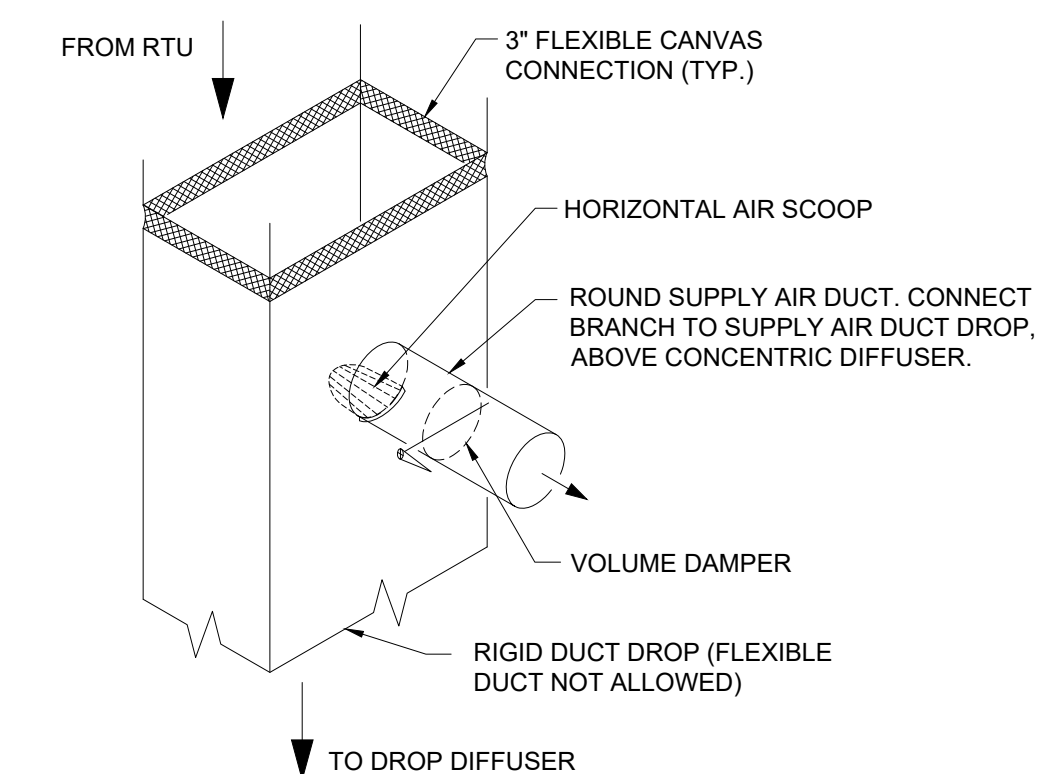
- ALL MECHANICAL WORK SHALL BE DONE IN ACCORDANCE WITH ALL STATE AND LOCAL LAWS AND ORDINANCES AND IN A MANNER SATISFACTORY TO THE AUTHORITY HAVING JURISDICTION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL REQUIRED PERMITS, INSPECTIONS AND PAY ALL APPLICABLE FEES.
- DUCTWORK AND HVAC SYSTEMS ARE NOT DIMENSIONED. DO NOT SCALE FROM DRAWING(S). MECHANICAL CONTRACTOR SHALL COORDINATE WITH OTHER TRADES AND ENSURE THERE IS AVAILABLE SPACE FOR DUCTWORK BEFORE FABRICATION.
- UNLESS OTHERWISE NOTED ON DRAWINGS, ANY REQUIRED DUCTWORK SHALL BE INSTALLED TIGHT TO STRUCTURE.
- DESIGN ENGINEER TO INDICATE FIRE DAMPERS IN ALL RATED CONSTRUCTION ASSEMBLIES. COORDINATE PLACEMENT OF ALL FIRE DAMPERS WITH RATED ASSEMBLIES ON ARCHITECTURAL DRAWINGS.
- COORDINATE ALL DIFFUSER, GRILLE & REGISTER LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLAN.
- NECK SIZE OF LAY-IN DIFFUSERS SHALL BE EQUAL IN DIAMETER TO DUCT RUNOUT.
- THE MECHANICAL CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, EQUIPMENT, SERVICES AND INCIDENTALS TO THE WORK INVOLVED FOR A COMPLETE AND OPERATING FACILITY.
- ALL EQUIPMENT SHALL BE PROVIDED COMPLETE WITH ELECTRICAL STARTER, PROTECTIVE DEVICES AND INTERLOCKS, ETC. REQUIRED FOR COMPLETE OPERABLE SYSTEM.
- ALL HVAC EQUIPMENT LOCATIONS SHALL BE COORDINATED TO ENSURE CLEAR ACCESS TO ALL AREAS. EQUIPMENT SHALL BE ORIENTED IN SUCH A MANNER AS TO ALLOW FOR FULL SERVICE/MAINTENANCE.
- COLOR AND FINISH FOR ALL EXTERIOR LOUVER WALL CAP SHALL BE COORDINATED WITH THE ARCHITECT/OWNER.
- THE MECHANICAL CONTRACTOR IS RESPONSIBLE FOR TEST, ADJUST AND BALANCE OF THE AIR DISTRIBUTION SYSTEM.
- ALL SUPPLY AND RETURN DUCT SHALL BE CONNECTED TO THE HVAC UNIT WITH FLEXIBLE UL LISTED CANVAS.
- DUCTWORK DIMENSIONS SHOWN ON MECHANICAL PLANS ARE NET CLEAR INSIDE DIMENSIONS.
- OUTDOOR AIR INTAKE OPENINGS SHALL BE LOCATED IN ACCORDANCE WITH THE INTERNATIONAL MECHANICAL CODE, SECTION 401.4.
- MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ASSEMBLING ANY EQUIPMENT SHIPPED IN SECTIONS, IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
- UNITS GREATER THAN 2,000 CFM REQUIRE A DUCT MOUNTED SMOKE DETECTOR IN THE RETURN DUCT. UNITS BELOW 2,000 CFM ARE TO BE EQUIPPED WITH A FIRESTAT. LOCAL ORDINANCES MAY HAVE MORE STRINGENT REQUIREMENTS. COORDINATE WITH ELECTRICAL CONTRACTOR.
- SEE ARCHITECTURAL PLANS FOR TYPE OF CONSTRUCTION, OCCUPANCY, AND THE INTENDED USE OF EACH SPACE.
- SEE ARCHITECTURAL PLANS FOR R' VALUES OF CONSTRUCTION COMPONENTS (SUCH AS WALLS, FLOORS, CEILING & PERIMETER INSULATION.)
- INSULATING MATERIALS SHALL HAVE A FLAME SPREAD INDEX NOT MORE THAN 25 AND A SMOKE-DEVELOPED INDEX NOT EXCEEDING 450 IN ACCORDANCE WITH ASTM E 84.
- ALL HVAC EQUIPMENT SHALL BE INSTALLED IN SUCH A WAY AS TO REDUCE VIBRATION TRANSMISSION TO STRUCTURAL MEMBERS.

MECHANICAL PROJECT NOTES 2

SYMBOL LEGEND	
	EXHAUST FAN
	SUPPLY AIR DIFFUSER
	TEMPERATURE SENSOR
	RETURN/EXHAUST AIRFLOW
	SUPPLY AIRFLOW
	VOLUME DAMPER
	CONDENSATE PIPE

HVAC SPECIFICATIONS:

- SEE SHEET M0 FOR GENERAL MECHANICAL PROJECT NOTES
- ROOF MOUNTED SYSTEM WITH ANY REQUIRED DUCTWORK, CONFORMING TO ASHRAE SPECIFICATIONS IN SALES FLOOR, OFFICES, REST ROOM, AND RECEIVING AREAS.
- ANY DUCTWORK MUST BE INSTALLED ABOVE 11'-6" A.F.F. NO HVAC DUCT TRUNKLINE TO BE INSTALLED WITHIN 48" RADIUS OF REGISTER/ICE CREAM POWER POLES. REFER TO SHEET E1.1 FOR EXACT LOCATION OF POWER POLES.
- FOR HVAC SENSOR LOCATIONS SEE EMS1 SHEET.
- LENNOX, CARRIER OR YORK PACKAGED HVAC SYSTEMS ARE REQUIRED. SEE HEATING SOURCE REQUIREMENT BY REGION ON M0.
- PROVIDE CEILING EXHAUST FANS FOR RESTROOMS. INTERLOCK WITH RESTROOM LIGHTS. VENT EXHAUST FANS THRU SIDE WALL, NOT THRU THE ROOF. INSTALL BACKDRAFT DAMPERS AT EACH FAN.
- REFER TO S3 FOR ROOF CURB INFORMATION AND DESIGN INTENT.
- CONCENTRIC DIFFUSERS, AVAILABLE THROUGH YORK, CAN BE USED ON ALL VENDOR'S EQUIPMENT. CONTACT YORK NATIONAL PRICING FOR INFORMATION. LOCATE THE BOTTOM OF DIFFUSER AT 12'-0" A.F.F.



NOTE:
INSTALL HORIZONTAL AIR SCOOP HAVING A CONTINUOUSLY CURVED CROSS SECTION AND BALANCING DAMPER AT DUCT CONNECTION TO DIVERT SUPPLY AIR INTO THE CONNECTED DUCTWORK. LENGTH OF SCOOP SHALL BE LIMITED TO THE WIDTH OF THE SUPPLY AIR ANNULAR SPACE.

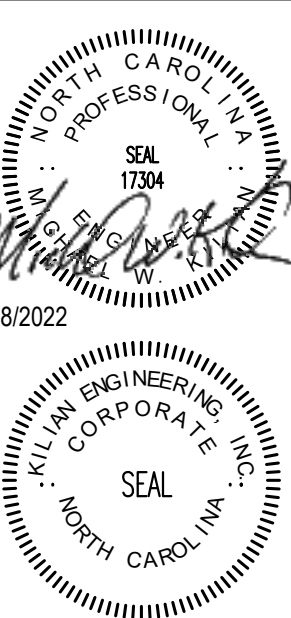
MECHANICAL SPECIFICATIONS AND SCHEDULE 3

HVAC DUCT DETAIL - NO SCALE 4

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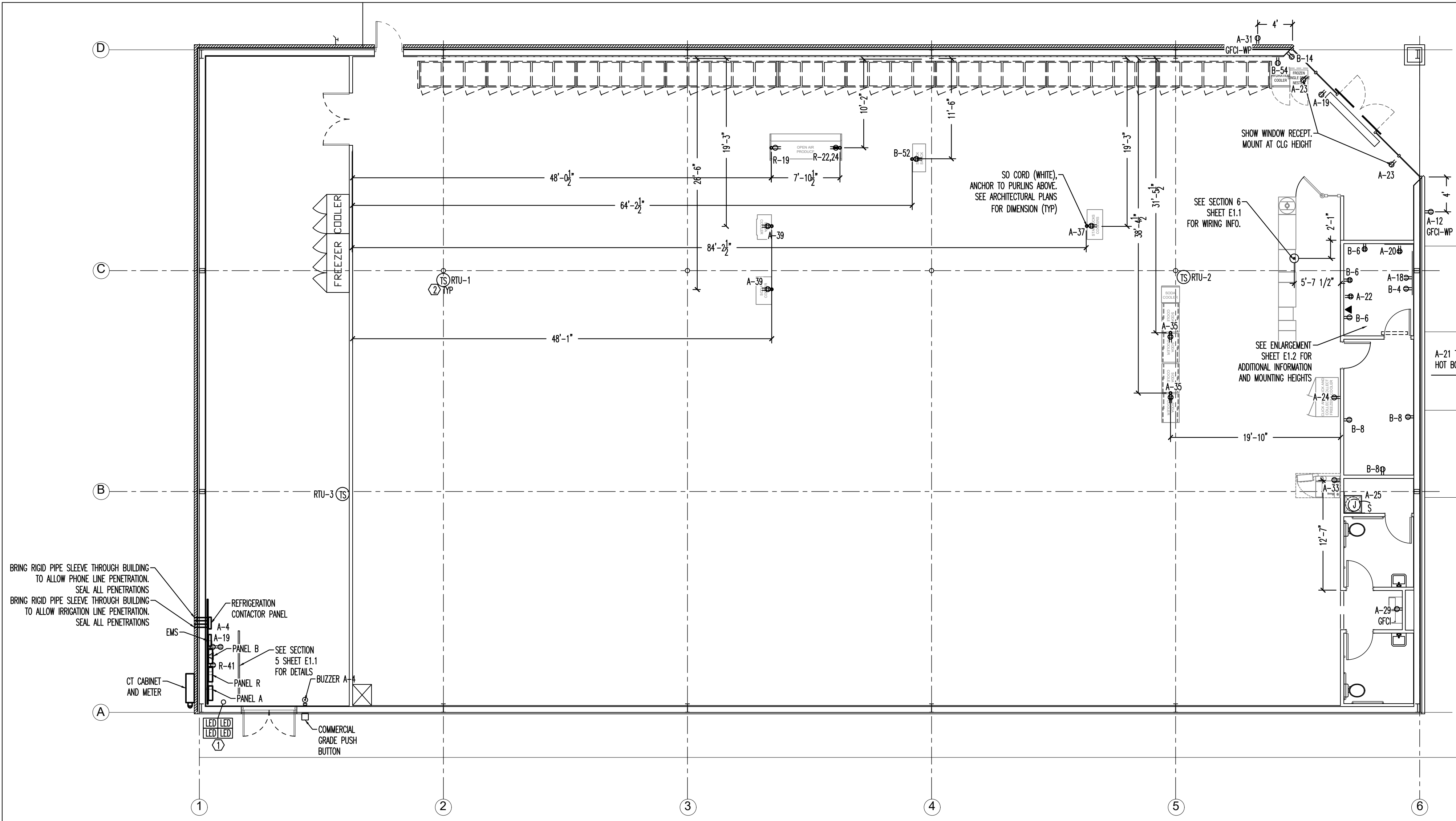


DOLLAR GENERAL
 STORE # 23680
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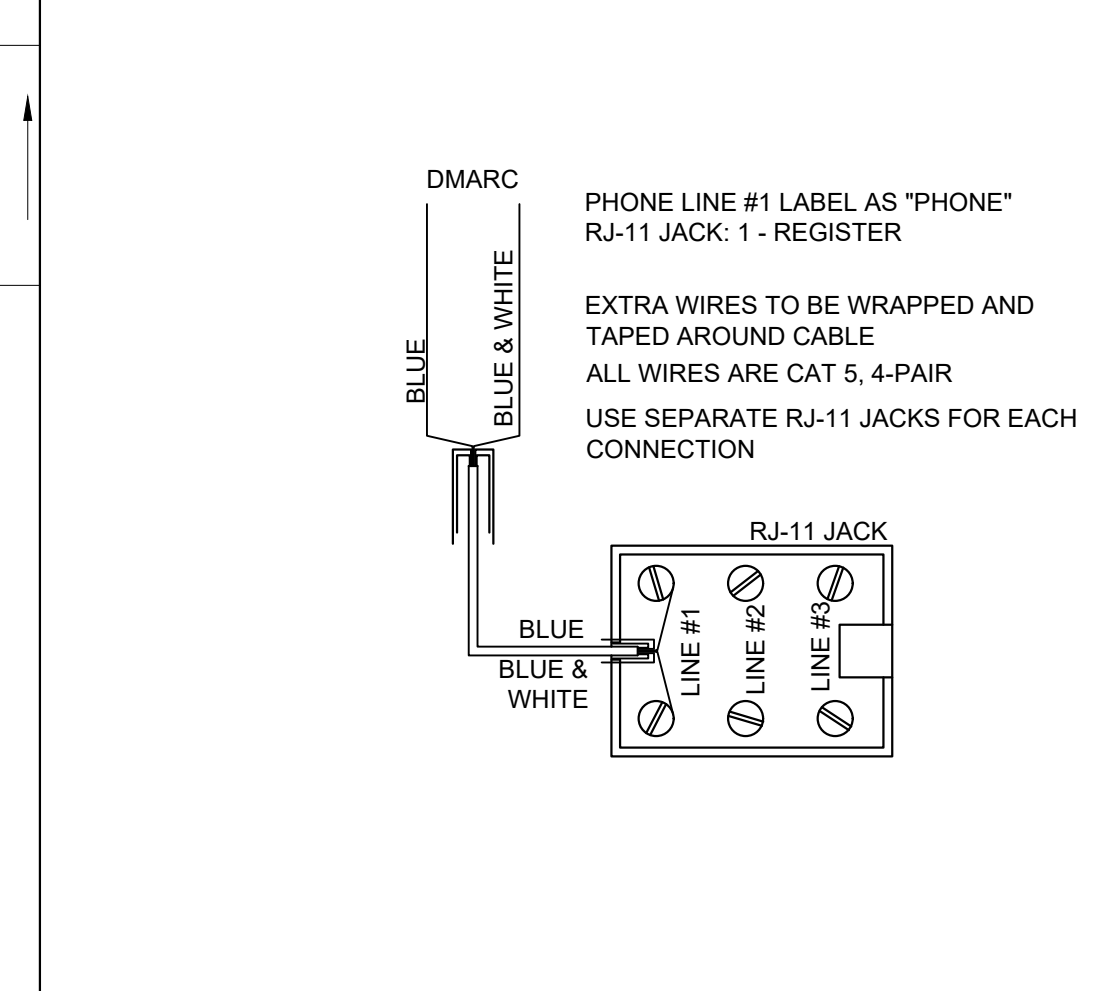
M1



POWER PLAN - SCALE: 1/8"=1' 1

LEGEND	
SYMB	DESCRIPTION
	BUZZER - TORK MDL #TA725 W/ TRANSFORMER MDL#TA592
	COMMERCIAL GRADE PUSH BUTTON
	125V NEMA 5-20R DUPLEX. PANEL/CIRCUIT IN PANEL
	125/250V NEMA L14-20-R 4 PRONG TWIST LOCK
	125V NEMA 5-20R QUAD
	DISCONNECT
	BLACK MAGIC POWER POLE
	PHONE JACK
	RJ-11, RJ-45 DATA JACK, PHONE COMBO
	PANEL/CIRCUIT IN PANEL
	PROVIDE OCCUPANCY LIGHT SENSOR- LEVITON ODS10-IDW
	20 AMP TOGGLE SWITCH
	NIGHT LIGHT CIRCUIT

ELECTRICAL LEGEND-NO SCALE 2

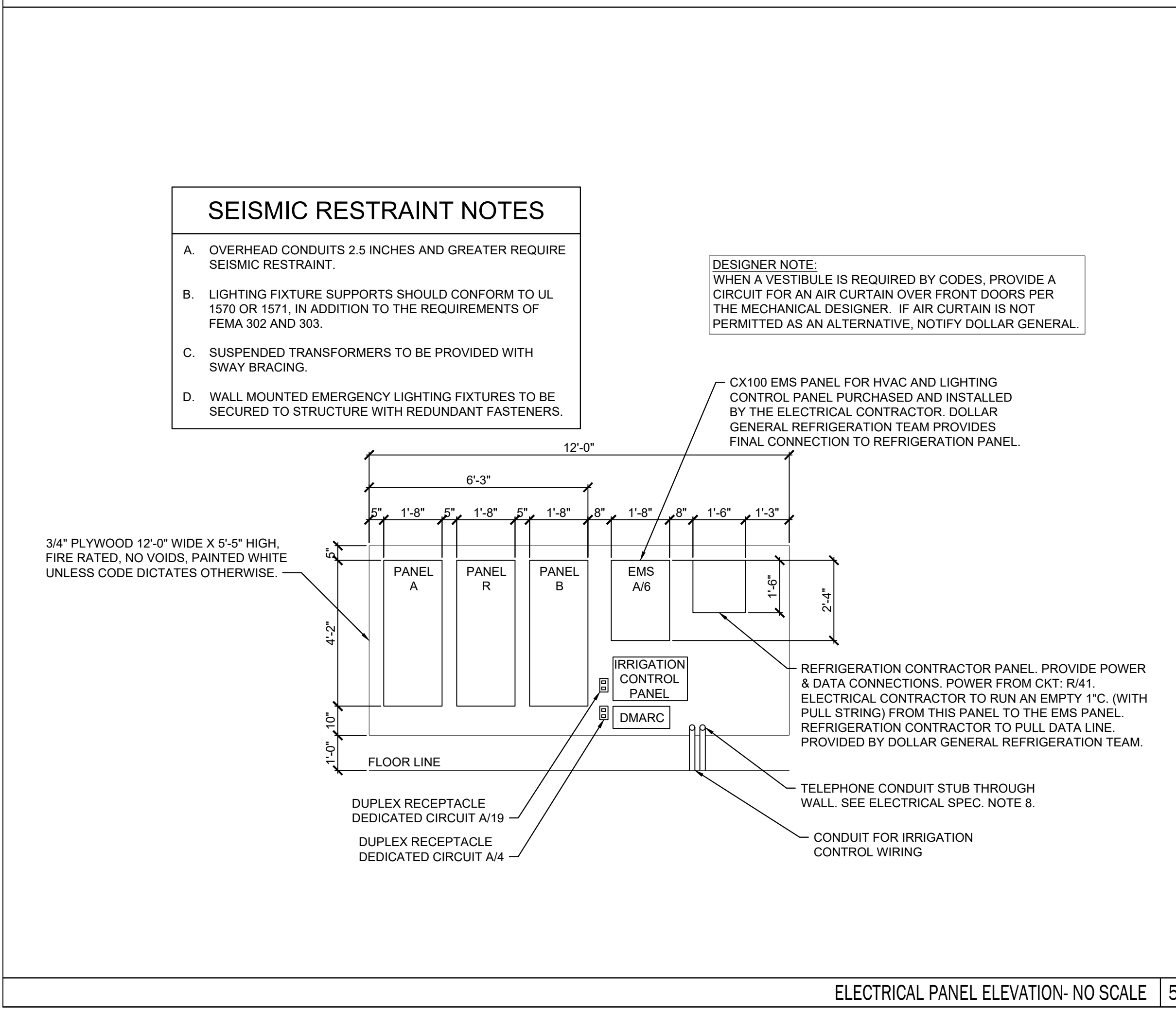


PHONE WIRING SCHEMATIC-NO SCALE 3

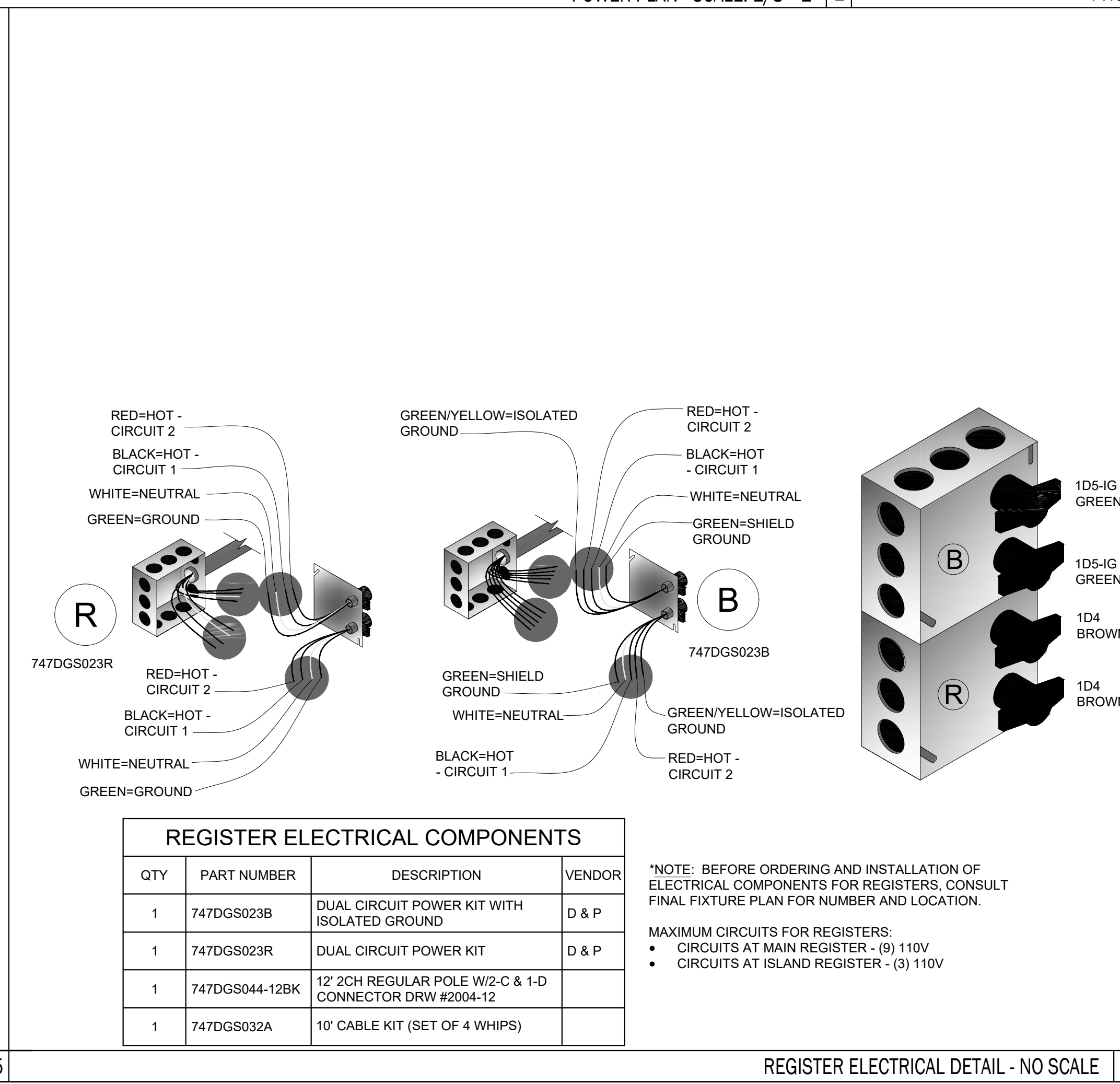
- ### ELECTRICAL SPECIFICATIONS
- ALL WIRING SHALL BE CONTAINED IN CONDUIT OF PROPER SIZE.
 - ALL WIRING SHALL CONFORM TO LOCAL, STATE AND FEDERAL CODES.
 - SERVICE IS TO BE A MINIMUM 400 AMP, 3 PHASE (PREFERRED), 600 AMP, 1 PHASE OR LARGER IF REQUIRED BY CODE OR ELECTRICAL LOAD.
 - REQUIRED CUSTOM BUILT POWER POLE ASSEMBLIES AVAILABLE FROM D&P CUSTOM LIGHTS & PRODUCTS INC., PHONE: (800) 251-2200 OR (615) 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 GFCI 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 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.

- ### ELECTRICAL KEYED NOTES
- TEST/RESET STATION FOR STAND ALONE DUCT DETECTOR: ONE FOR EACH DEVICE. SEE KEY NOTE 3 ON SHEET E1.3. SIMPLEX #4098-9842 IS SPECIFIED. WITH PIEZO AND LED INDICATOR LIGHT.
 - MECHANICAL THERMOSTAT MOUNTED ON COLUMN AT 8'-0" AFF. SURFACE MOUNT BOX AND CONDUIT. STUB CONDUIT AT STRUCTURE.

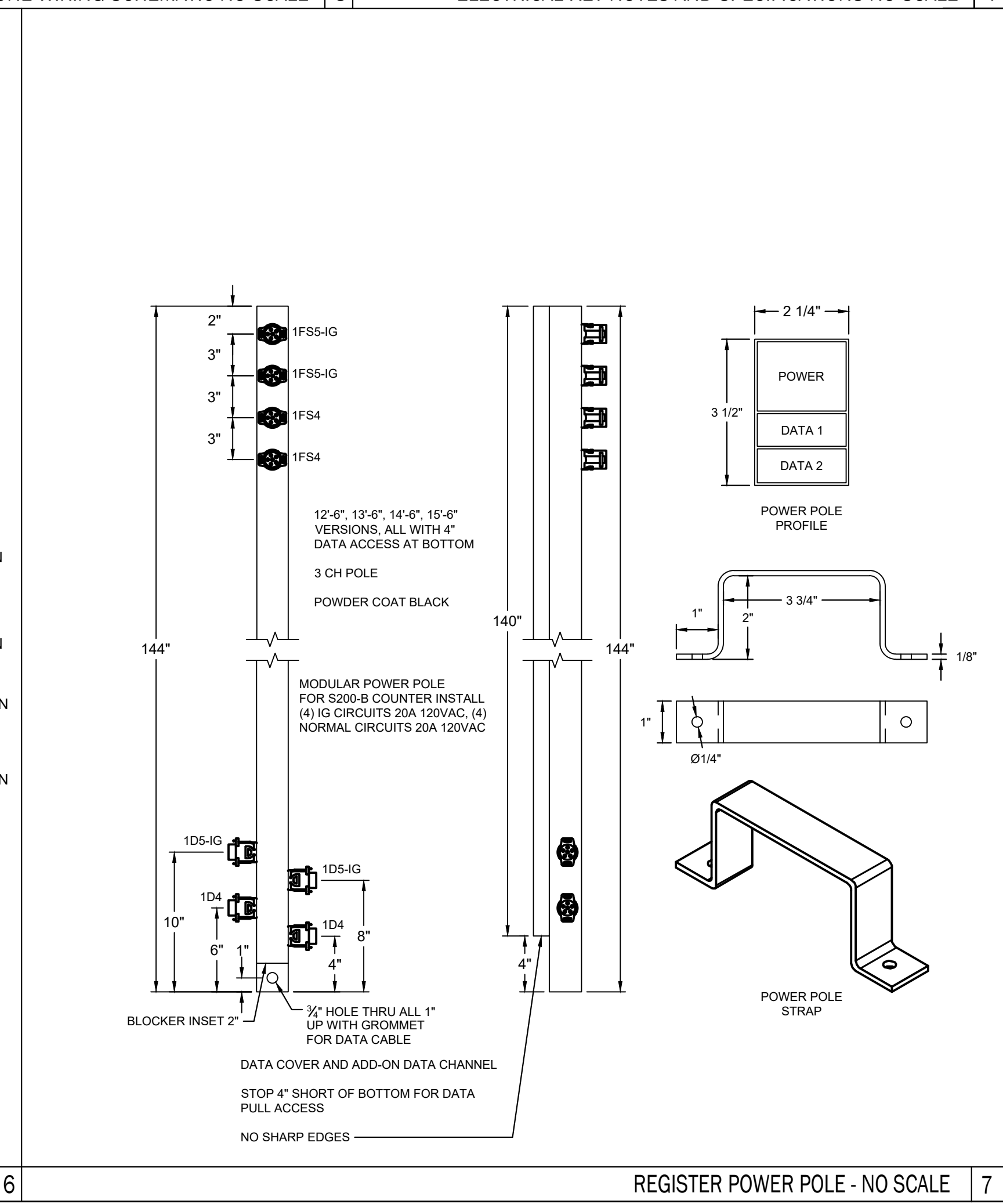
ELECTRICAL KEY NOTES AND SPECIFICATIONS-NO SCALE 4



ELECTRICAL PANEL ELEVATION- NO SCALE 5



REGISTER ELECTRICAL DETAIL - NO SCALE 6



REGISTER POWER POLE - NO SCALE 7

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 Phone: 252.292.2700
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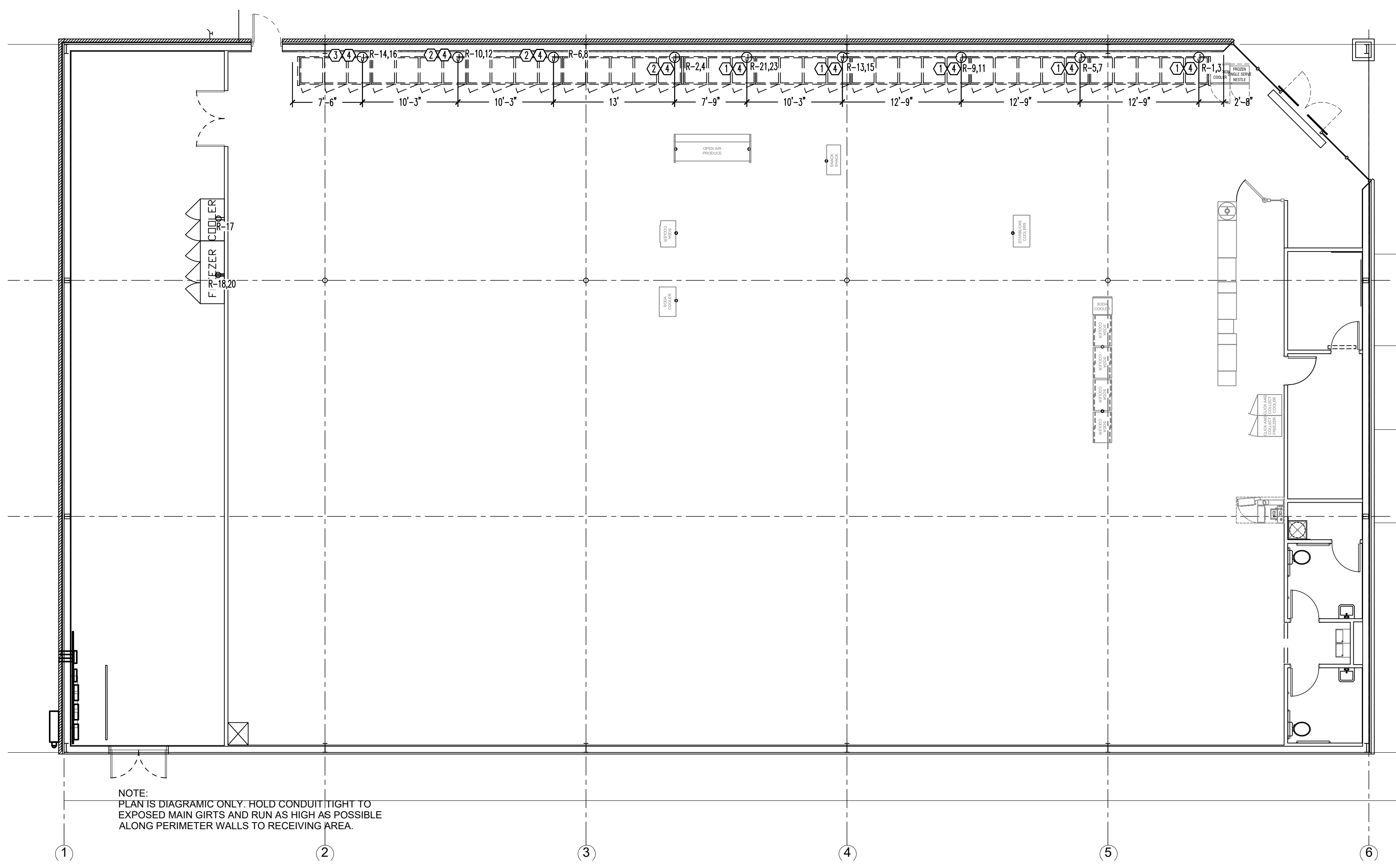
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4/18/2022

DOLLAR GENERAL
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 MAMERS ROAD
 LILLINGTON, NC

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 DATE: 04/18/2022
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SHEET NUMBER: **E1.1**



NOTE:
PLAN IS DIAGRAMIC ONLY. HOLD CONDUIT TIGHT TO EXPOSED MAIN GIRTS AND RUN AS HIGH AS POSSIBLE ALONG PERIMETER WALLS TO RECEIVING AREA.

REFRIGERATION POWER PLAN - SCALE: 1/8"=1' 1

LEGEND	
SYMB	DESCRIPTION
5	BUZZER - TORK MDL #T725 W/ TRANSFORMER MDL#TA592
■	COMMERCIAL GRADE PUSH BUTTON
⊕A-23	125V NEMA 5-20R DUPLEX PANEL/CIRCUIT IN PANEL
⊕	125/250V NEMA L14-20-R 4 PRONG TWIST LOCK
⊕	125V NEMA 5-20R QUAD
□	DISCONNECT
■	BLACK MAGIC POWER POLE
▲	PHONE JACK
○	RJ-11, RJ-45 DATA JACK, PHONE COMBO
A-23	PANEL/CIRCUIT IN PANEL
§ m	PROVIDE OCCUPANCY LIGHT SENSOR- LEVITON ODS10-IDW
†	20 AMP TOGGLE SWITCH
NL	NIGHT LIGHT CIRCUIT

GENERAL NOTES

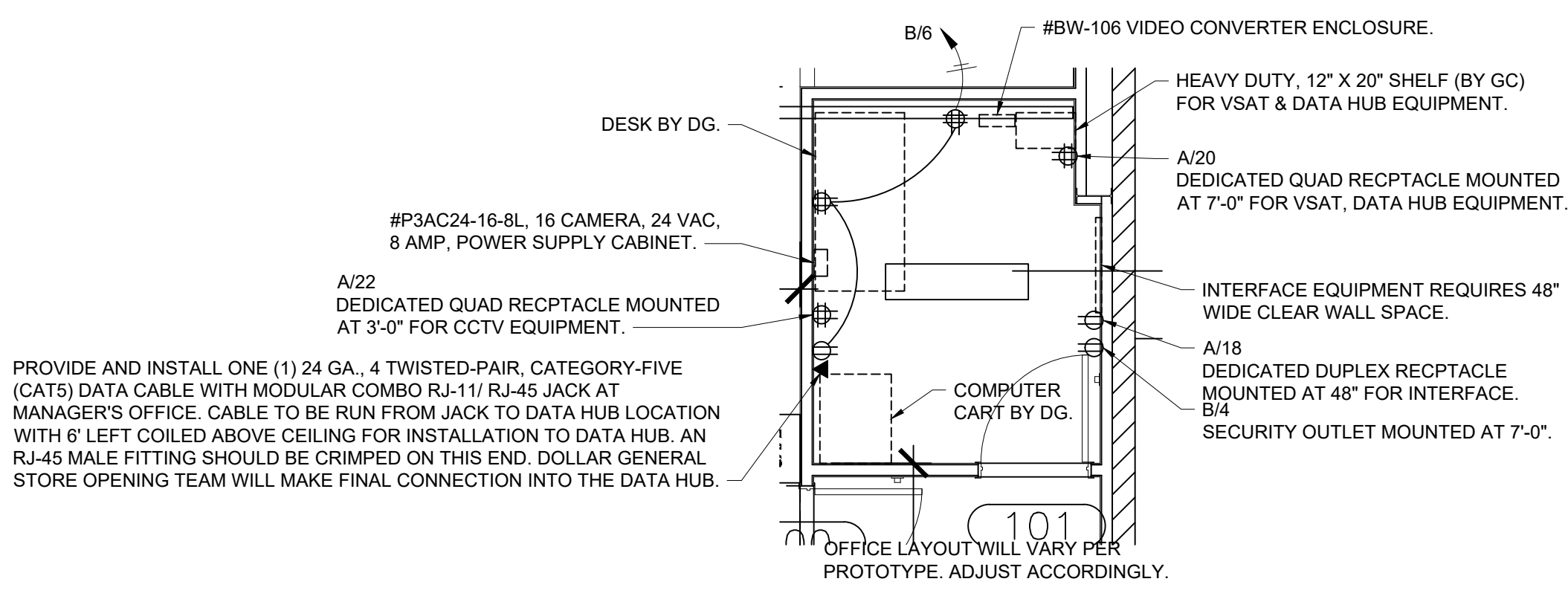
A. MOUNT ALL REFRIGERATOR OUTLETS AT 12" AFF.

ELECTRICAL KEYED NOTES

1. PROVIDE 208V, 1 PHASE CONNECTION TO A J-BOX AT 90° AFF WITH (3)#12 CU. & #12 GROUND IN 3/4" R.C. TO PROVIDE AND INSTALL 30A/2NF DISCONNECT SWITCH AND WIRE FROM DISCONNECT SWITCH TO EQUIPMENT CONNECTIONS.
2. PROVIDE 208V, 1 PHASE CONNECTION TO A J-BOX AT 90° AFF WITH (3)#8 CU. & #10 GROUND IN 1" R.C. TO PROVIDE AND INSTALL 60A/2NF DISCONNECT SWITCH AND WIRE FROM DISCONNECT SWITCH TO EQUIPMENT CONNECTIONS.
3. PROVIDE 208V, 1 PHASE CONNECTION TO A J-BOX AT 90° AFF WITH (3)#10 CU. & #10 GROUND IN 3/4" R.C. TO PROVIDE AND INSTALL 30A/2NF DISCONNECT SWITCH AND WIRE FROM DISCONNECT SWITCH TO EQUIPMENT CONNECTIONS.
4. MOUNT J-BOX 11" FROM THE RIGHT SIDE OF EACH UNIT. CONFIRM EXACT LOCATION WITH REFRIGERATION VENDOR PRIOR TO WORK (TYP).

ELECTRICAL LEGEND-NO SCALE 2

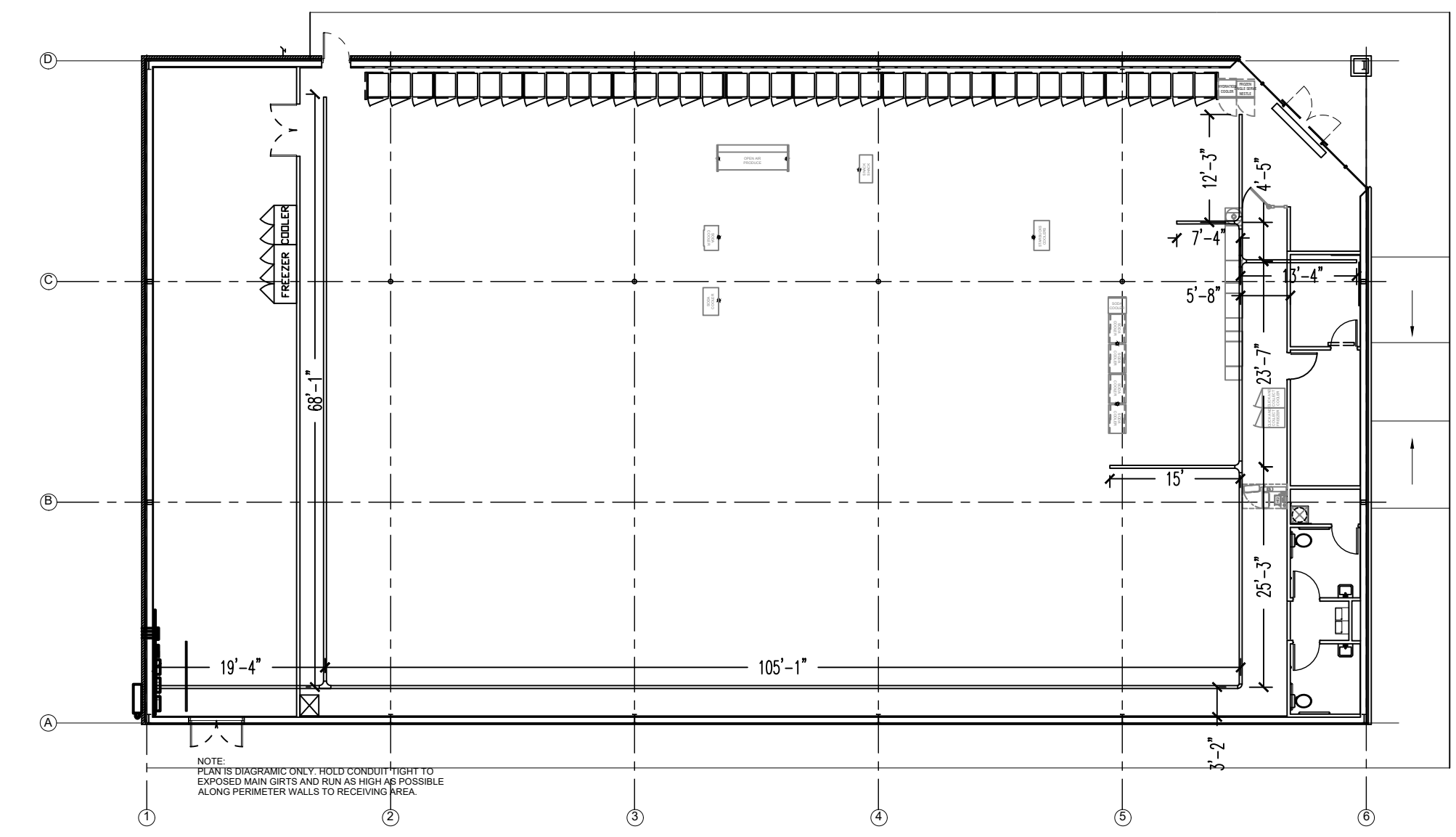
ELECTRICAL KEY NOTES AND SPECIFICATIONS-NO SCALE 3



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' LEFT COILED ABOVE CEILING FOR INSTALLATION TO DATA HUB. AN RJ-45 MALE FITTING SHOULD BE CRIMPED ON THIS END. DOLLAR GENERAL STORE OPENING TEAM WILL MAKE FINAL CONNECTION INTO THE DATA HUB.

OFFICE LAYOUT WILL VARY PER PROTOTYPE. ADJUST ACCORDINGLY.

OFFICE ENLARGEMENT PLAN - SCALE: 1/4"=1' 4



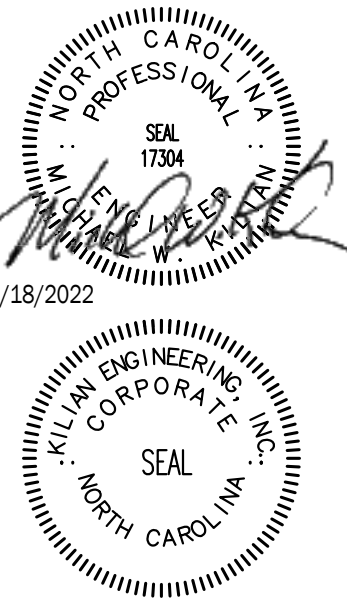
NOTE:
PLAN IS DIAGRAMIC ONLY. HOLD CONDUIT TIGHT TO EXPOSED MAIN GIRTS AND RUN AS HIGH AS POSSIBLE ALONG PERIMETER WALLS TO RECEIVING AREA.

CABLE TRAY PLAN AND CONDUIT DIAGRAM- SCALE: 1/16"=1' 5

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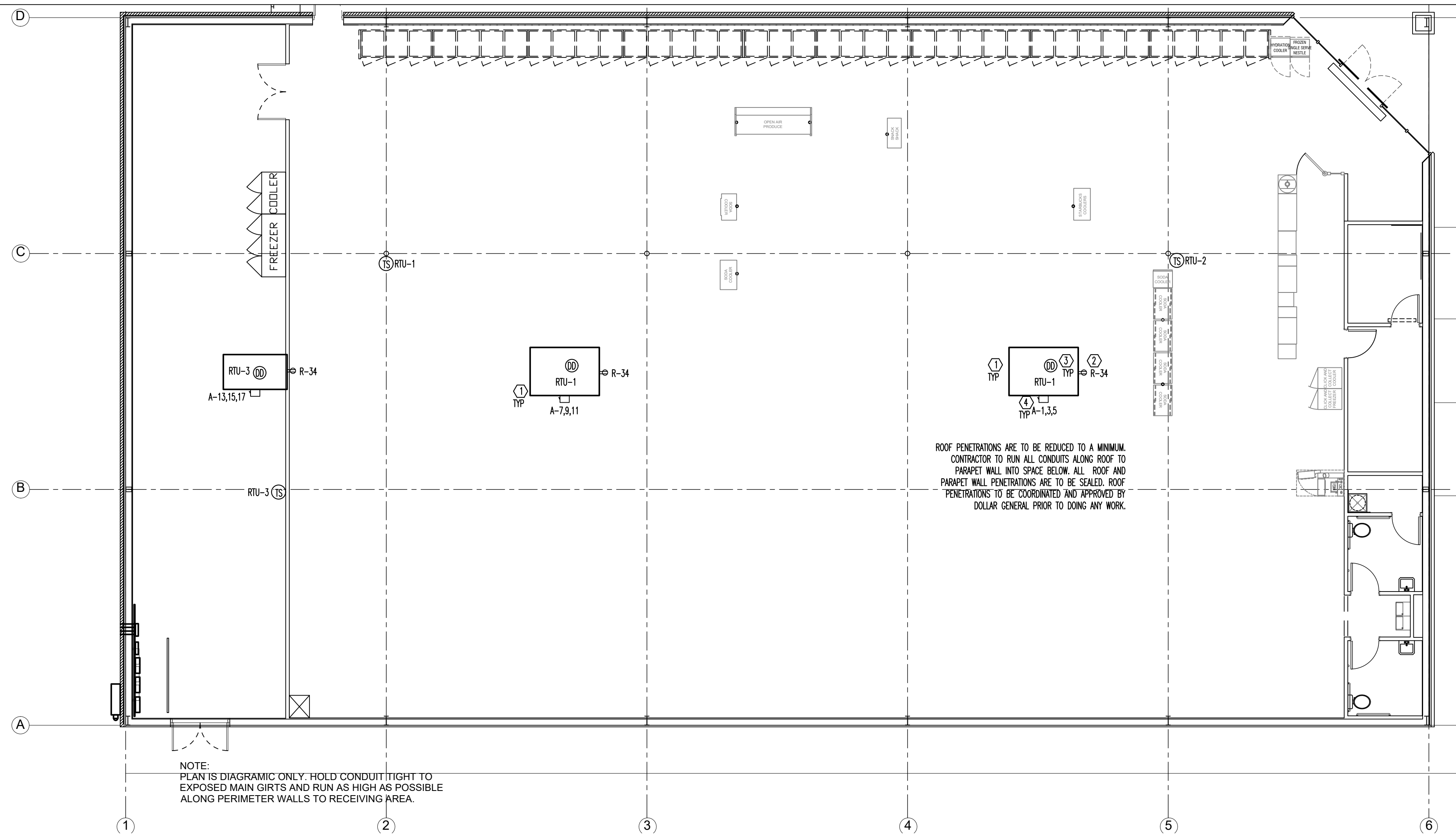
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DOLLAR GENERAL
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MAMERS ROAD
LILLINGTON, NC

JOB NUMBER
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DATE
04/18/2022
REVISIONS

SHEET NUMBER
E1.2



ROOF POWER PLAN - SCALE: 1/8"=1' 1

LEGEND	
SYMB	DESCRIPTION
	BUZZER - TORK MDL #TA725 W/ TRANSFORMER MDL#TA592
	COMMERCIAL GRADE PUSH BUTTON
	125V NEMA 5-20R DUPLEX. PANEL/CIRCUIT IN PANEL
	125/250V NEMA L14-20-R 4 PRONG TWIST LOCK
	125V NEMA 5-20R QUAD
	DISCONNECT
	BLACK MAGIC POWER POLE
	PHONE JACK
	RJ-11, RJ-45 DATA JACK, PHONE COMBO
	A-23 PANEL/CIRCUIT IN PANEL
	PROVIDE OCCUPANCY LIGHT SENSOR- LEVITON ODS10-IDW
	20 AMP TOGGLE SWITCH
	NIGHT LIGHT CIRCUIT

ELECTRICAL LEGEND-NO SCALE 2

- ### ELECTRICAL KEYED NOTES
- 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 POWERED CONVENIENCE OUTLET. FIELD VERIFY THAT OUTLET IS POWERED. WIRE ALL WITH THIS NOTE TO CIRCUIT R-34 IF THEY ARE NOT POWERED.
 - PHOTOELECTRIC DUCT DETECTOR WITH HOUSING. TIE TO LED READOUT. STAND ALONE DEVICE, 120V. SIMPLEX #4098-9687 IS SPECIFIED WITH 4098-9842 CONTROL STATION. PROVIDE ONE DEVICE PER UNIT. MOUNT DEVICE IN SUPPLY AIR DUCTWORK. DEVICE SHALL BE PROVIDED AND WIRED TO THE CONTROL STATION BY THE ELECTRICAL CONTRACTOR. HIRE THE MECHANICAL CONTRACTOR FOR INSTALLATION IN DUCTWORK & CONNECTION TO SHUTDOWN CONTROLS. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL REQUIRED RELAYS AND 120V POWER. DO NOT POWER DUCT DETECTORS FROM HVAC UNIT LOW VOLTAGE. PLACE ANY REQUIRED LABELING ON CEILING TILE DIRECTLY BELOW UNIT. RUN CONDUIT & WIRE UNDERGROUND FROM UNIT TO INSIDE OF SPACE.
 - MOUNT DISCONNECT SWITCH AT UNIT AS DESCRIBED IN GENERAL NOTE 1 ON THIS SHEET.

ELECTRICAL KEY NOTES -NO SCALE 3

HVAC UNIT WIRING TABLE												
UNIT	WIRE	COND	DISC	FUSE	ENCL	PH	VOLT	GND	BRKR	LOAD	CFM	TONS
RTU-1	#1	2"	200A-3P	125A	NEMA 3R	3Φ	208	#6	125A-3P	44,610	4,000	10.0
RTU-2	#1	2"	200A-3P	125A	NEMA 3R	3Φ	208	#6	125A-3P	44,610	4,000	10.0
RTU-3	#8	1 1/4"	60A-3P	60A	NEMA 3R	3Φ	208	#10	60A-3P	19050	2,000	5.0
EF-1	#12	3/4"	MOTOR RATED SWITCH		NEMA 1	1Φ	120	#12	W/ LIGHTS	50	75	--
EF-2	#12	3/4"	MOTOR RATED SWITCH		NEMA 1	1Φ	120	#12	20A-1P	50	75	--

TABLE NOTES:

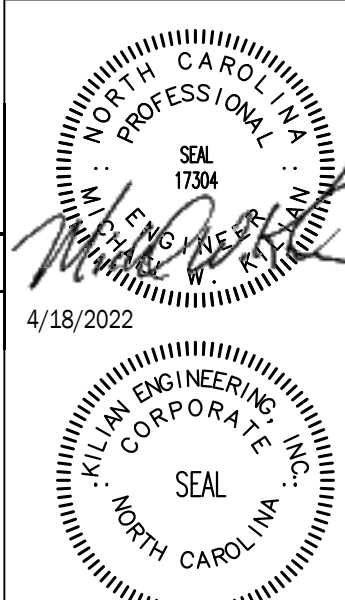
- THE ELECTRICAL CONTRACTOR SHALL FIELD COORDINATE WITH THE MECHANICAL CONTRACTOR CONCERNING THE ELECTRICAL INFO OF ALL MECHANICAL DEVICES REQUIRING AN ELECTRICAL CONNECTION PRIOR TO DOING ANY WORK. ANY DISCREPANCIES BETWEEN THE FIELD OBTAINED INFORMATION AND THE INFORMATION SHOWN ON THE ELECTRICAL PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO DOING ANY WORK.
- PROVIDE NEUTRALS ON AS REQUIRED BASIS, FIELD VERIFY.
- ALL DISCONNECTS TO BE HEAVY DUTY. FUSES TO BE RK-5 TYPE, SUBMIT SHOP DRAWINGS. BUSSMAN FRN-R-(AMP) IS SPECIFIED.

HVAC UNIT WIRING TABLE - NO SCALE 4

ISSUED FROM:
 WILMINGTON OFFICE
 910.531.8899
 211 East Ninth Street
 Wilmington, NC 28401
 Wilson Office
 252.292.2700
 211 East Ninth Street
 Wilson, NC 27893
 Fax: 252.292.2700

HOOD • HERRING
 ARCHITECTURE
 P.L.L.P.

Kilian Engineering, Inc.
 PO Box 3304, Henderson, NC 27536 | www.kilianengineering.com
 (P) 252.438.8778 | CORPORATE LICENSE C2277



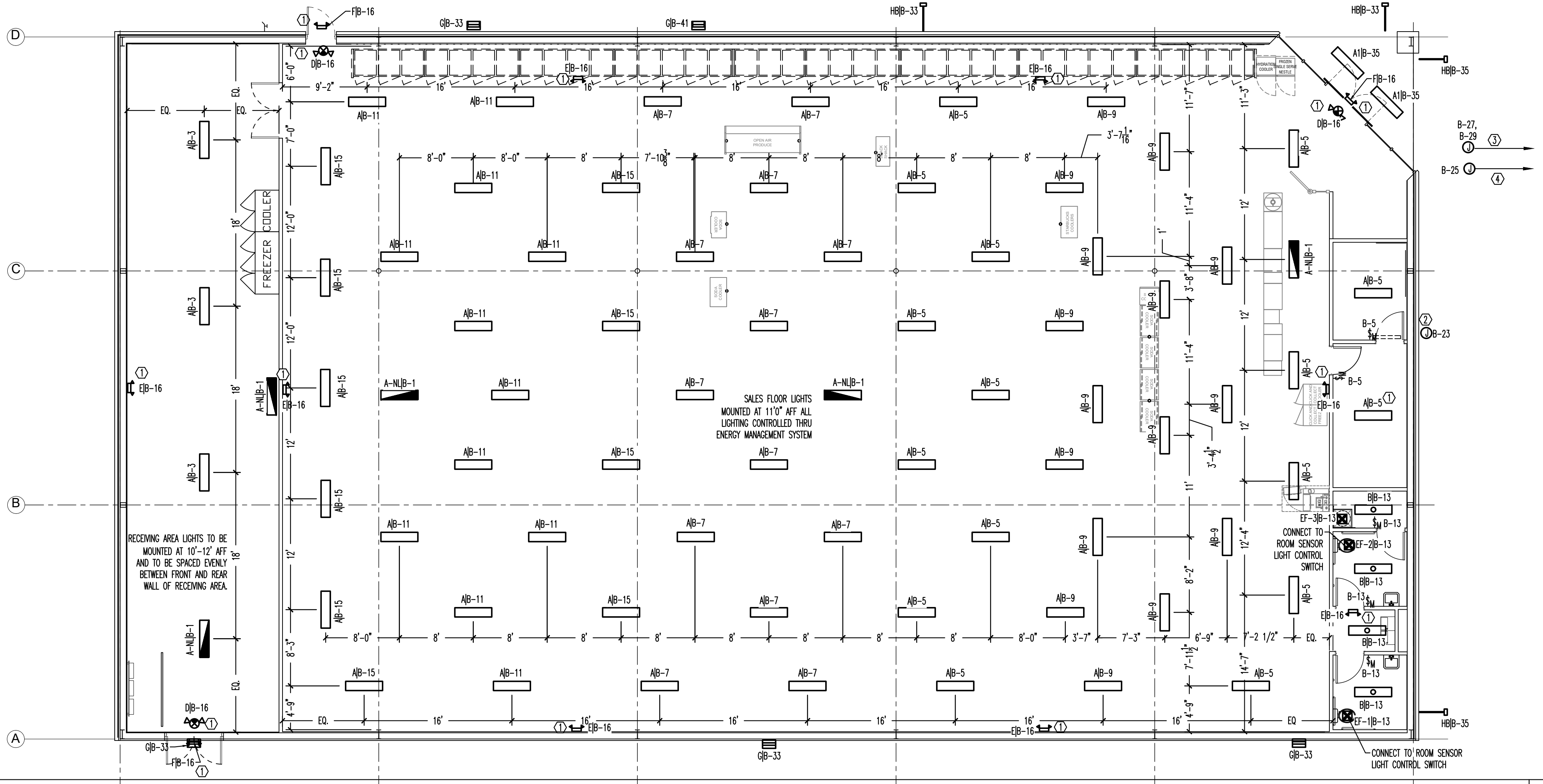
DOLLAR GENERAL
 STORE # 23680
 MAMERS ROAD
 LILLINGTON, NC

JOB NUMBER
 22223
 DRAWN BY
 REW
 DATE
 04/18/2022
 REVISIONS

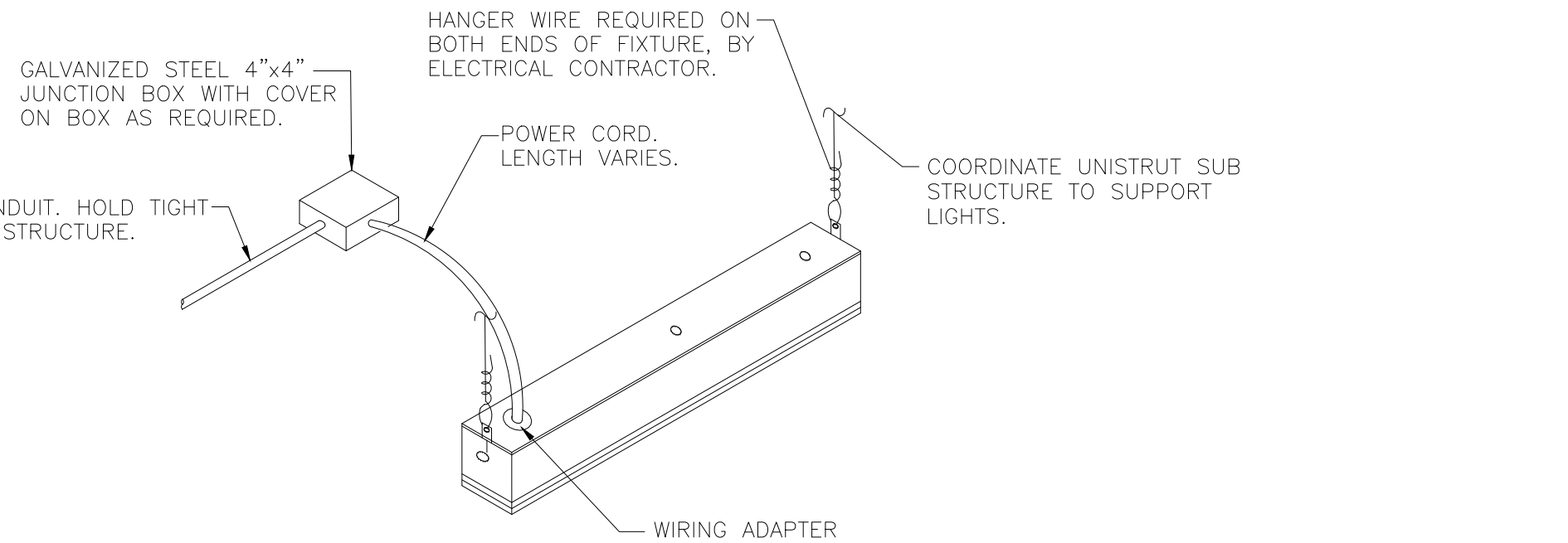
SHEET NUMBER
E1.3

LIGHTING PLAN HEX NOTES

- 1. EMERGENCY/EXIT SIGNS AND LIGHTS: INSTALL EMERGENCY LIGHTS AND EXIT SIGNS (CENTERED AT 10'6" AFF TO BE ABOVE FIXTURES AND MERCHANDISE)
2. COORDINATE BUILDING SIGN SIZE WITH DOLLAR GENERAL SIGN DEPARTMENT BY EMAILING TO SIGN@DOLLARGENERAL.COM WIRE ON CIRCUIT B-23. LOCATE BOX HIGH ON WALL 12" LEFT FROM CENTER OF BUILDING FOR 26" SIGNS AND 16" LEFT FROM CENTER OF BUILDING FOR 33" SIGNS. SEE ELEVATIONS.
3. 1" PVC SCH. 40 UNDERGROUND CIRCUITS TO SITE LIGHTING B-27-B-29.
4. Pylon sign, 1" PVC SCH 40 UNDERGROUND TO SIGN. B-25.



LIGHTING PLAN - SCALE: 1/8"=1' 1



TYPICAL LED FIXTURE MOUNTING DETAIL - NO SCALE 2

Table with columns: SYMBOL, MARK, DESCRIPTION, LAMPS (TYPE, WATTAGE, QTY, CCT), VOLTAGE, INPUT WATTAGE, MOUNTING, QTY, REMARKS, MFG, MODEL. Includes rows for LED strip, BBU compatible LED, and wall packs.

- 1. FIXTURES LABELED FOR EMERGENCY USE SHALL HAVE BATTERY FOR 90 MINUTE ILLUMINATION OF TWO (2) LAMPS
2. WET LOCATION LISTED
3. PHOTOCELL CONTROLLED
4. FULL CUT OFF

LIGHTING SCHEDULE - NO SCALE 3

ALL EXTERIOR LIGHTING IS RUN THROUGH EMS PANEL SEE ELEVATIONS FOR MOUNTING HEIGHTS

SALES FLOOR LIGHTS MOUNTED AT 11'0" AFF ALL LIGHTING CONTROLLED THRU ENERGY MANAGEMENT SYSTEM

CONDUIT, HOLD TIGHT TO STRUCTURE. GALVANIZED STEEL 4"x4" JUNCTION BOX WITH COVER ON BOX AS REQUIRED. HANGER WIRE REQUIRED ON BOTH ENDS OF FIXTURE, BY ELECTRICAL CONTRACTOR. COORDINATE UNISTRUT SUB STRUCTURE TO SUPPORT LIGHTS. POWER CORD, LENGTH VARIES. WIRING ADAPTER PLATE

Electrical Designer's Statement table with columns: ELECTRICAL SYSTEM AND EQUIPMENT METHOD OF COMPLIANCE, LIGHTING SCHEDULE, LAMP TYPE, NUMBER OF LAMPS, BALLAST TYPE, NUMBER OF BALLASTS, TOTAL INTERIOR WATTAGE, OCCUPANCY, AREA, ALLOWANCE, MAX WATTAGE ALLOTTED.

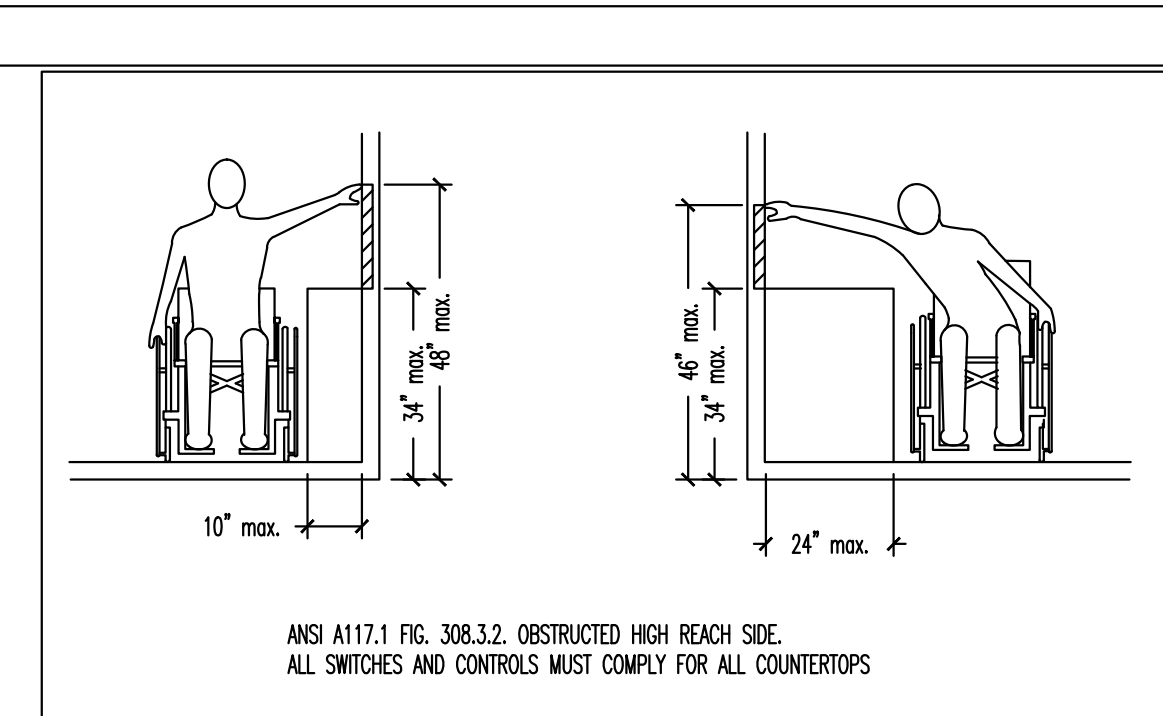
FOR THE ADDITIONAL PRESCRIPTIVE REQUIREMENT REQUIRED BY C406 OF 2018 NORTH CAROLINA ENERGY CONSERVATION CODE, WE ARE CHOOSING C406.3 - REDUCED LIGHTING POWER DENSITY. 2680 W SPECIFIED <= 10624 W (11814 W ALLOWED X 90%)

ELECTRICAL DESIGNER'S STATEMENT 4

GENERAL ELECTRICAL NOTES

- ADMINISTRATIVE:
1. THE FOLLOWING ABBREVIATIONS SHALL APPLY TO NOTES AND PLANS:
PC - PLUMBING CONTRACTOR, EC - ELECTRICAL CONTRACTOR, MC - MECHANICAL CONTRACTOR, GC - GENERAL CONTRACTOR, FASC - FIRE ALARM SYSTEM CONTRACTOR.
2. 'PROVIDE' MEANS TO FURNISH AND INSTALL...
3. 'INSTALL' MEANS TO FURNISH AND INSTALL...
4. WORKMANSHIP SHALL BE IN ACCORDANCE WITH NECA 1 'STANDARD PRACTICE FOR GOOD WORKMANSHIP IN ELECTRICAL CONTRACTING'...

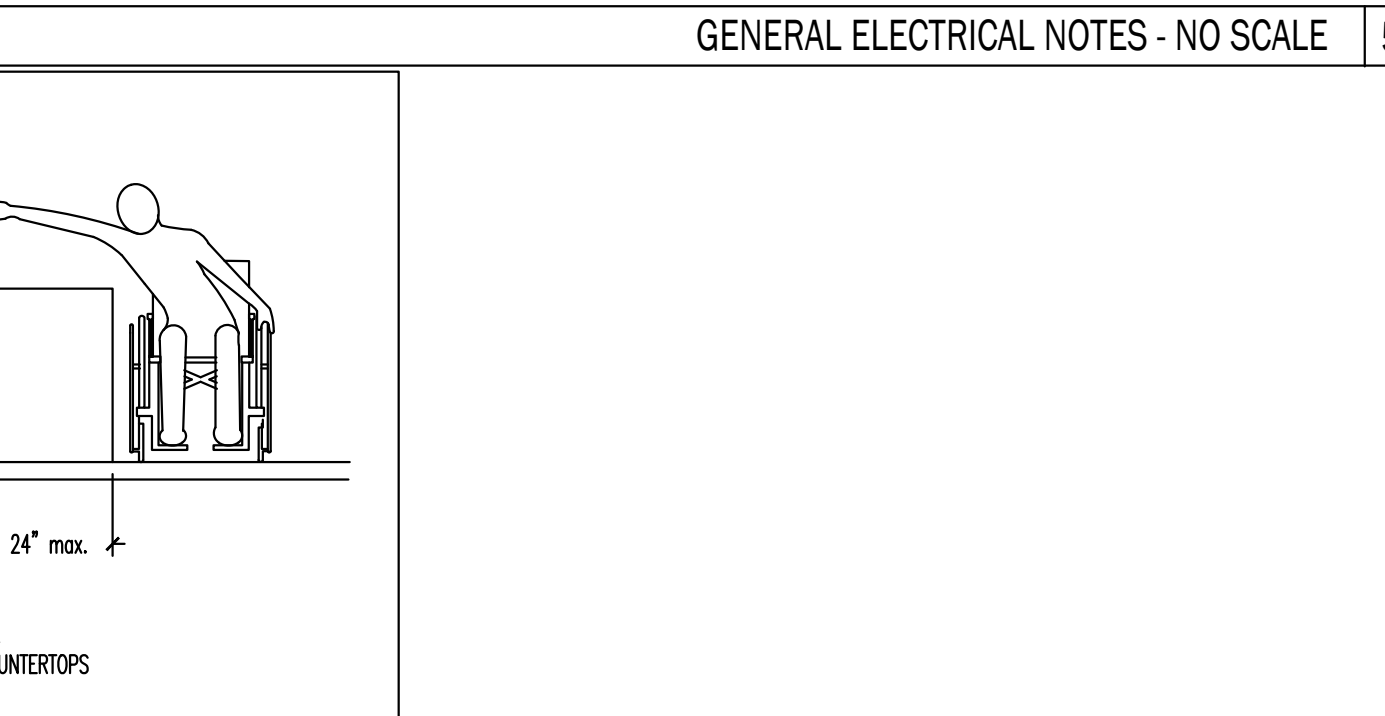
- 6. ALL WIRE, CONNECTORS, TERMINALS, AND LUGS SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR...
7. SPECIALLY NOTED OTHERWISE...
8. JOINTS IN SOLID CONDUIT SHALL BE SPICED USING IDEAL 'WIRE NUTS'...
9. THE ELECTRICAL CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING...
10. GROUNDING AND BONDING SHALL BE PER NEC ARTICLE 250...
11. THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR REGARDING THE BONDING OF THE FOOTING REBAR...



ANSI A117.1 HIGH SIDE REACH DETAIL-NO SCALE 5

- 12. ALL CONDUIT, FITTINGS, COUPLERS, AND SUPPORTS SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR...
13. WHERE CONDUCTORS ARE RUN IN PARALLEL, THE EC SHALL COMPLY WITH NEC 310.4...
14. PROVIDE AN UNDERGROUND PVC CONDUIT SYSTEM FOR TELEPHONE SERVICE WITH PULL Wires...
15. INSTALL ONE (1) 3/4 IN FIRE RETARDANT TREATED PLYWOOD BACKBOARD WHERE INDICATED ON THE DRAWINGS...
16. ALL TELEPHONE AND COMMUNICATIONS OUTLETS AND RACKWAYS ARE ROUGH-INS ONLY...
17. ELECTRICAL CONTRACTOR SHALL INSTALL DISCONNECT SWITCHES IN SIGHT OF ALL HARNOWRED EQUIPMENT AND APPLIANCES OR POWER BREAKERS...
18. ELECTRICAL CONTRACTOR SHALL FIELD IDENTIFY ALL SWITCH BOARD, PANEL BOARDS, CONTROL PANELS, METER SOCKETS, ETC...
19. ELECTRICAL CONTRACTOR SHALL PROVIDE NAMEPLATES FOR IDENTIFICATION OF ALL EQUIPMENT, SWITCHES, PANELS, ETC...

- 20. ELECTRICAL CONTRACTOR SHALL PROVIDE GFCI RECEPTACLES IN KITCHENS, RESTROOMS, OUTDOORS, AND IN SHOP AREAS AS REQUIRED BY NEC. REFRIGERATORS AND WATER COOLERS MUST HAVE A DEDICATED GFCI BREAKER...
21. ALL SWITCHES AND CONTROLS MUST COMPLY FOR ALL COUNTERTOPS...



GENERAL ELECTRICAL NOTES - NO SCALE 5

Project information including client (DOLLAR GENERAL), architect (HOOD • HERRING ARCHITECTURE), engineer (Kilian Engineering Inc.), date (04/18/2022), and sheet number (E2).

PANEL A							
CKT	LOAD	BKR	LOAD		LOAD	CKT	
			KVA	PH			
1					AUTOMATIC DOOR	2	
3	RTU-1	125/3	14.87	A 0.10	20/1	TELEPHONE BOARD/BUZZER	4
5			14.87	B 0.36	20/1	EMERGENCY MANAGEMENT	6
7			14.87	C 0.18	20/1	OUTDOOR HVAC RECEPT.	8
9	RTU-2	125/3	14.87	A 0.18	20/1	SPARE	10
11			14.87	B 0.00	20/1	SPARE	12
13			6.35	A 0.10	20/1	EXHAUST FAN	14
15	RTU-3	60/3	6.35	B 0.10	20/1	EXHAUST FAN	16
17			6.35	C 0.50	20/1	INTERFACE EQUIP.	18
19	IRRIGATION CONTROL PANEL RECEPT.	20/1	0.18	A 0.50	20/1	VSAT DATA HUB EQUIPMENT	20
21	HOT BOX CIRCUIT*	20/1	0.50	B 0.96	20/1	CTTY EQUIP.	22
23	SHOW WINDOW	20/1	0.36	C 0.92	20/1	CLICK AND COLLECT FREEZER/COOLER	24
25	WATER HEATER	20/1	1.65	A 0.00	20/1	SPARE	26
27	SPARE	20/1	0.00	B 0.00	20/1	SPARE	28
29	DRINKING FOUNTAIN	20/1	0.50	C 0.00	20/1	SPARE	30
31	OUTDOOR ICE MERCHANDISER	20/1	1.20	A 0.00	20/1	SPARE	32
33	HIGH KIOSK	20/1	1.20	B 0.00	20/1	SPARE	34
35	SODA COOLERS	20/1	0.96	C 0.00	20/1	SPARE	36
37	DRINK COOLERS	20/1	1.60	A 0.00	20/1	SPARE	38
39	SODA COOLERS	20/1	1.60	B 0.00	20/1	SPARE	40
41	SPARE	20/1	0.00	C 0.00	20/1	SPARE	42
			KVA	PH	AMPS		
			41.6	A	347		
			40.8	B	340		
			39.5	C	329		
VOLTAGE/PHASE			208Y/120V, 3P, 4W				
BUS RATING			400A				
MAIN CIRCUIT BREAKER RATING			400A				
AIC RATING			22K				
SERVICE ENTRANCE RATED			YES				
ENCLOSURE			NEMA 1				
MOUNTING			SURFACE				

* VERIFY BREAKER SIZE PRIOR TO INSTALLATION
NOTE: CIRCLED CIRCUITS REPRESENT BREAKER LOCKS

PANEL R							
CKT	LOAD	BKR	LOAD		LOAD	CKT	
			KVA	PH			
1			1.30	A	3.90	A-1-A REACH IN DAIRY CASE	2
3			1.30	B	3.90	A-1-B REACH IN DAIRY CASE	4
5			1.30	C	3.20	A-1-C REACH IN DAIRY CASE	6
7			1.30	A	3.20	A-1-D REACH IN DAIRY CASE	8
9			1.30	B	3.20	A-2-A REACH IN FROZEN CASE	10
11			1.30	C	3.20	A-2-B REACH IN FROZEN CASE	12
13			1.30	A	2.60	A-2-C REACH IN FROZEN CASE	14
15			1.30	B	2.60	A-2-D REACH IN FROZEN CASE	16
17			1.15	A	0.92	72" COOLER	18
19			1.15	C	0.92	72" FREEZER	20
21			1.30	B	1.66	PRODUCE COOLER	22
23			1.30	C	1.66	PRODUCE COOLER	24
25			0.00	A	0.00	SPARE	26
27			0.00	B	0.00	SPARE	28
29			0.00	C	0.00	SPARE	30
31			0.00	A	0.00	SPARE	32
33			0.00	B	0.36	SERVICE RECEPT. ON ROOF	34
35			0.00	C	0.00	SPARE	36
37			0.00	A	0.00	SPARE	38
39			0.00	B	0.00	SPARE	40
41			0.00	C	0.00	SPARE	42
			KVA	PH	AMPS		
			15.7	A	131		
			16.9	B	141		
			14.0	C	117		
VOLTAGE/PHASE			208Y/120V, 3P, 4W				
BUS RATING			200A				
MAIN CIRCUIT BREAKER RATING			200A				
AIC RATING			22K				
SERVICE ENTRANCE RATED			YES				
ENCLOSURE			NEMA 1				
MOUNTING			SURFACE				

NOTE: CIRCLED CIRCUITS REPRESENT BREAKER LOCKS

PANEL B							
CKT	LOAD	BKR	LOAD		LOAD	CKT	
			KVA	PH			
1	NIGHT LIGHTS	20/1	0.18	A	0.00	A-2-A REACH IN FROZEN CASE	2
3	RECEIVING LIGHTS	20/1	0.14	B	0.50	SECURITY RECEPT.	4
5	70% SALES LIGHTS ROWS 586	20/1	0.63	C	0.54	OFFICE RECEPT.	6
7	70% SALES LIGHTS ROWS 586	20/1	0.27	A	0.54	BREAK ROOM RECEPT.	8
9	70% SALES LIGHTS ROWS 184	20/1	0.54	B	0.00	SPARE	10
11	70% SALES LIGHTS ROWS 889	20/1	0.45	C	0.00	SPARE	12
13	BREAK ROOM/OFFICE/RR LIGHTS	20/1	0.15	A	1.09	BULKHEAD RECEPT.	14
15	30% SALES LIGHTS ROWS 7410	20/1	0.45	B	0.05	EMERGENCY EXIT LIGHTS	16
17	70% SALES LIGHTS ROWS 12815	20/1	0.59	C	0.00	SPARE	18
19	SPARE	20/1	0.00	A	0.00	SPARE	20
21	SPARE	20/1	0.00	B	0.00	SPARE	22
23	BUILDING SIGN	20/1	0.90	C	0.00	SPARE	24
25	PYLON SIGN	20/1	0.90	A	0.00	SPARE	26
27	SITE LIGHTING	20/1	0.30	B	0.00	SPARE	28
29	SITE LIGHTING	20/1	1.40	C	1.20	POWER TERMINAL BROWN	30
31	SPARE	20/1	0.00	A	1.20	POWER TERMINAL BROWN	32
33	LEFT SIDE EXT. WALL LIGHTS	20/1	0.14	B	1.20	POWER TERMINAL GREEN	34
35	FRONT EXT. WALL/CANDY LIGHTS	20/1	0.58	C	1.20	POWER TERMINAL GREEN	36
37	SPARE	20/1	0.00	A	1.20	POWER TERMINAL GREEN	38
39	SPARE	20/1	0.00	B	1.20	POWER TERMINAL GREEN	40
41	EXTERIOR BUS/DOWN	20/1	0.05	C	1.20	POWER TERMINAL BROWN	42
43	SPARE	20/1	0.00	A	0.00	SPARE	44
45	SPARE	20/1	0.00	B	0.00	SPARE	46
47	SPARE	20/1	0.00	C	0.00	SPARE	48
49	SPARE	20/1	0.00	A	0.00	SPARE	50
51	SPARE	20/1	0.00	B	0.18	DISPLAY LIGHT	52
53	SPARE	20/1	0.00	C	0.85	GATORADE	54
			KVA	PH	AMPS		
			5.5	A	46		
			4.7	B	39		
			9.6	C	80		
VOLTAGE/PHASE			208Y/120V, 3P, 4W				
BUS RATING			200A				
MAIN CIRCUIT BREAKER RATING			200A				
AIC RATING			22K				
SERVICE ENTRANCE RATED			YES				
ENCLOSURE			NEMA 1				
MOUNTING			SURFACE				

NOTE: CIRCLED CIRCUITS REPRESENT BREAKER LOCKS

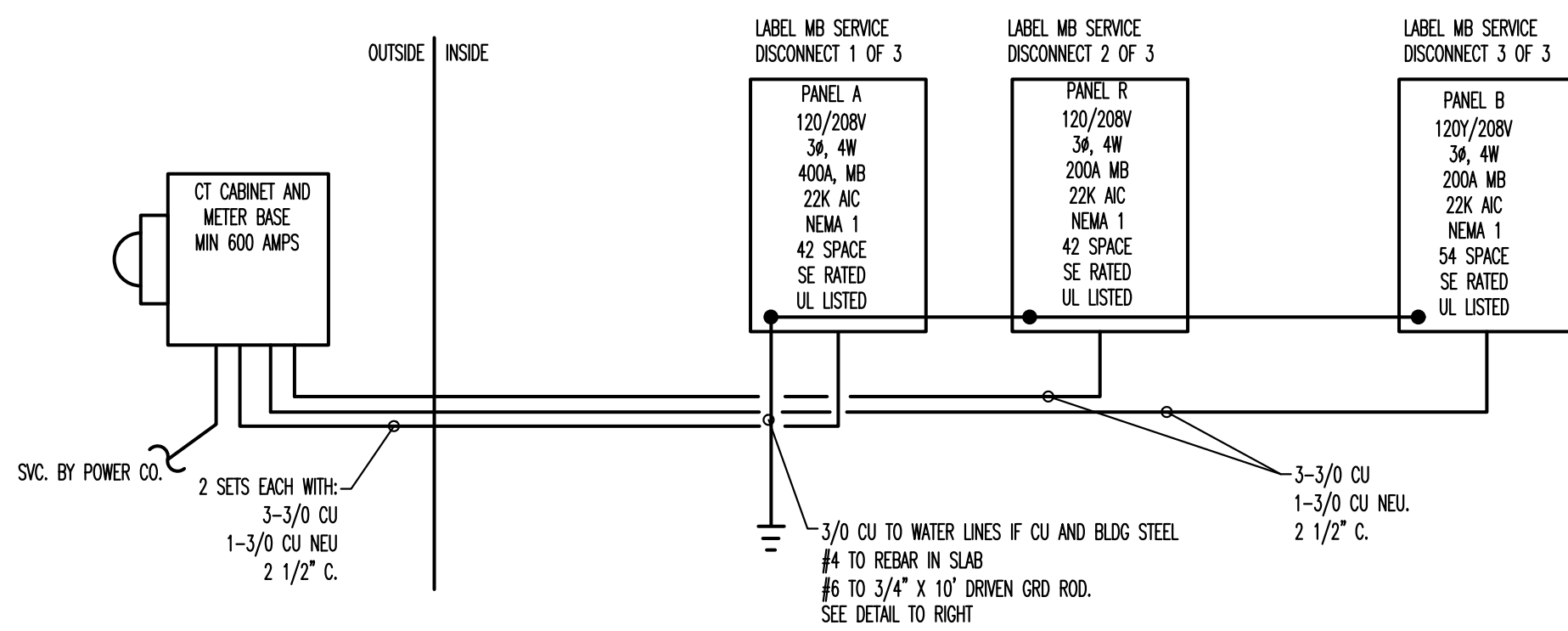
EQUIPMENT CONNECTION SCHEDULE (SEE SHEET E1.2 FOR COOLERS/FREEZERS)											
SYMBOL	DESCRIPTION	FURN. BY	KVA	VOLT/PH	NCA	MDCP	DISC	AWG	EGG	COND	NOTES
RTU-1-2	10 TON ROOF TOP UNITS	M. C.	44.98	208/3	124.0	125	200	#1	#6	2"	1, 2, 3
RTU-3	3 TON ROOF TOP UNITS	M. C.	17.63	208/3	49.0	50	60	#8	#10	1"	1, 2, 3
P-11	WATER HEATERS	P. C.	1.65	115/1	13	20	30	#12	#12	3/4"	1, 2, 3

- TABLE NOTES:
- THE ELECTRICAL CONTRACTOR SHALL FIELD COORDINATE WITH THE MECHANICAL CONTRACTOR CONCERNING THE ELECTRICAL INFO OF ALL MECHANICAL DEVICES REQUIRING AN ELECTRICAL CONNECTION PRIOR TO DOING ANY WORK. ANY DISCREPANCIES BETWEEN THE FIELD OBTAINED INFORMATION AND THE INFORMATION SHOWN ON THE ELECTRICAL PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO DOING ANY WORK.
 - PROVIDE NEUTRALS ON AS REQUIRED BASIS, FIELD VERIFY.
 - ALL DISCONNECTS TO BE HEAVY DUTY. FUSES TO BE RK-5 TYPE. SUBMIT SHOP DRAWINGS. BUSSMAN FRN-R (-AMP) IS SPECIFIED.

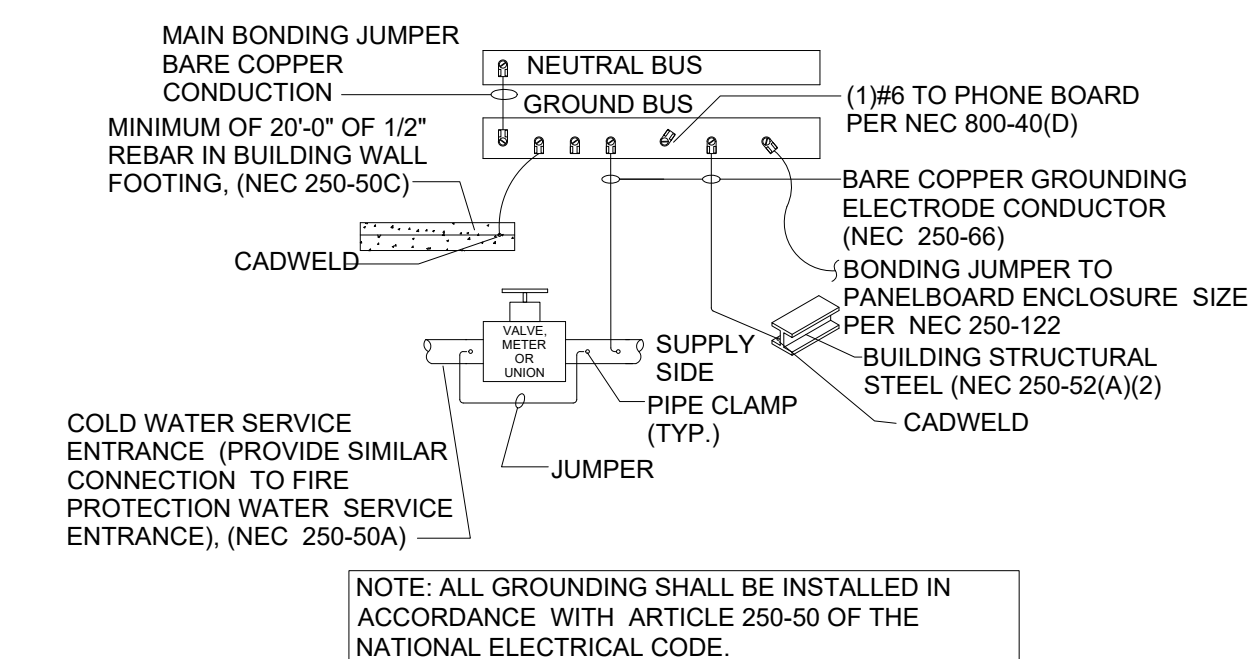
NEC ELECTRIC DEMAND SUMMARY 208Y/120V, 3P, 4W							
EQUIPMENT	DEMAND FACTOR	KVA			LOAD KVA	NEC REFERENCE	NOTES/CALCULATIONS
		A	B	C			
LIGHTING	125%	11.01	11.01	11.01	33.03	220.12	8812SF X 3VA/SF X 1.25
LIGHTING	125%	0.14	0.14	0.14	0.42	220.12	1300SF X 25VA/SF X 1.25
RECEPTACLES < 10 KVA	100%	0.78	0.78	0.78	2.34	220.44	
RECEPTACLES > 10 KVA	50%	0.00	0.00	0.00	0.00	220.44	
HVAC	100%	36.09	36.09	36.09	108.27	--	BASED ON NCA
WATER HEATER	125%	1.65	0.00	0.00	1.65	422.13	STORAGE TANK <120 GAL @ 125%
SHOW WINDOW	100%	1.40	1.40	1.40	4.20	220.43(A)	21 FT X 200 W/SF
SIGN	100%	0.00	0.90	0.90	1.80	220.14(F)	
REFRIGERATION	100%	17.30	18.50	15.60	51.40	--	
DEMAND KVA PER PHASE		68.37	68.82	65.92			
DEMAND AMPS PER PHASE		570	573	549			

THE CALCULATED LIGHTING LOAD EXCEEDS THE CONNECTED LIGHTING LOAD.

PANEL SCHEDULES AND NEC LOAD SUMMARY 1



POWER RISER DIAGRAM - NO SCALE 2

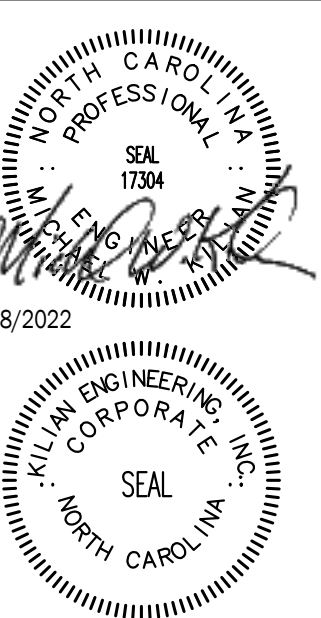


GROUNDING DETAIL - NO SCALE 3

ISSUED FROM: WILMINGTON OFFICE
910.531.8909
Wilmington, NC 28401
211 East Nash Street
Wilmington, NC 27893
Phone: 910.531.8909
Fax: 910.531.8999
E-mail: info@hoodherring.com

HOOD • HERRING
ARCHITECTURE
P.L.L.P.

Kilian Engineering, Inc.
P.O. Box 3304, Henderson, NC 27536 | www.kilianengineering.com
(P) 252.438.8778 | CORPORATE LICENSE C2277



DOLLAR GENERAL
STORE # 23680
MAMERS ROAD
LILLINGTON, NC

JOB NUMBER: 22223
DRAWN BY: REW
DATE: 04/18/2022
REVISIONS:

SHEET NUMBER

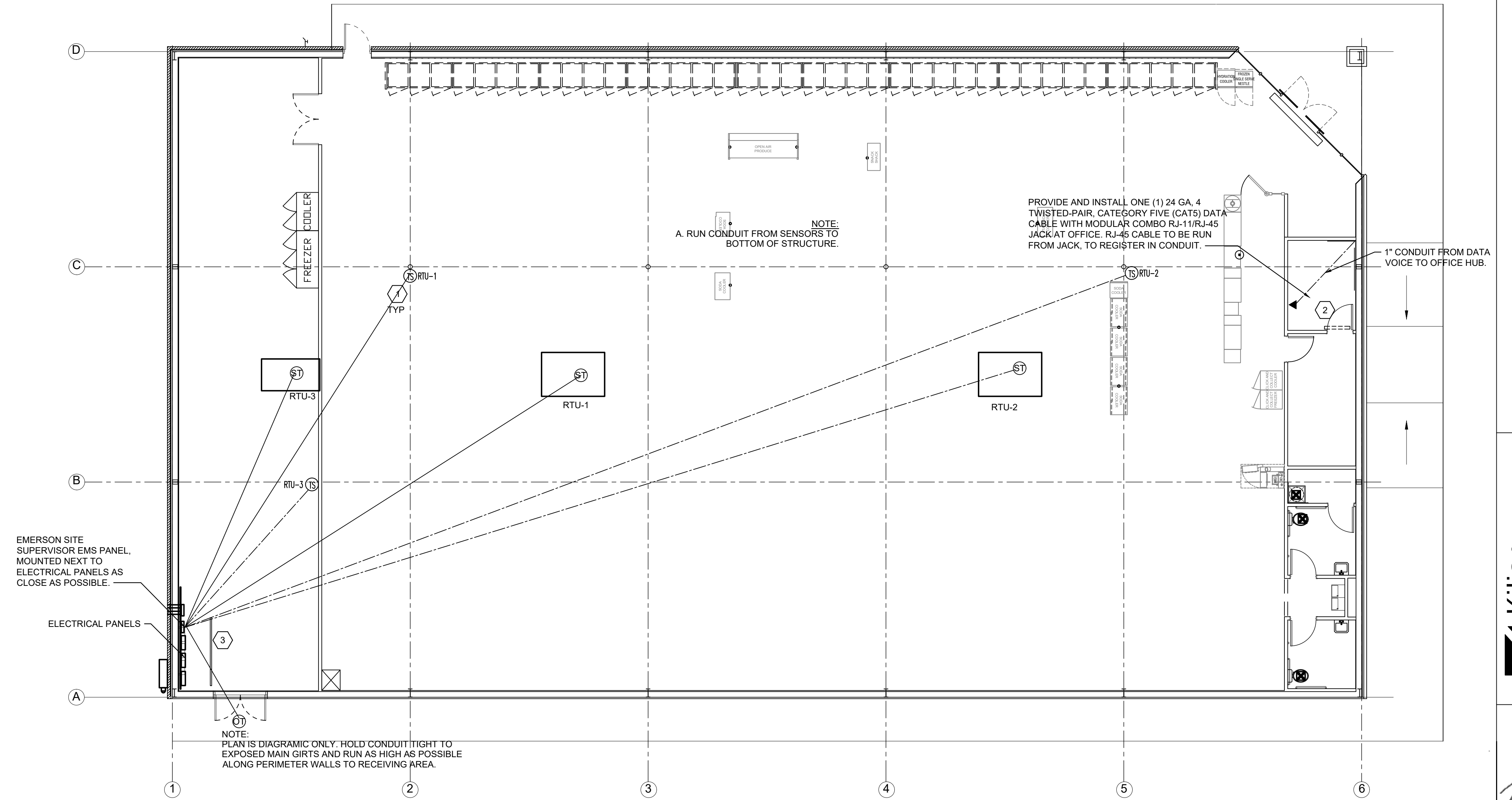
E3

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 THESE SENSORS AT 8'-0" AFF IF ADDITIONAL HVAC UNITS ARE USED, ADD ADDITIONAL TEMPERATURE SENSORS "TS".
2. PHONE LINE #1 - TWO RJ-11 PORTS. ONE (1) LOCATED IN OFFICE W/RJ-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.
3. EMS REFRIGERATION PANEL CX E2 400. PANEL BY OTHERS. CONNECTION FROM THIS PANEL TO HVAC AND LIGHTING PANEL BY OTHERS. ELECTRICAL CONTRACTOR TO RUN AN EMPTY 1-1/2" C. WITH PULL ROPE BETWEEN THE TWO PANELS.



EMS LOW VOLTAGE PLAN - SCALE 1/8"=1' 1

EMERSON CONTACT

- A. PLEASE CONTACT EMERSON FOR FULL DETAILS.
- B. CONTACT TONY VERTUCA - NATIONAL ACCOUNT EXECUTIVE (404)824-9389. Tony.Vertuca@Emerson.com

EMS GENERAL NOTES

1. EMS SUPPLIER NOTE: CUSTOMIZED DOLLAR GENERAL EMS PANEL REQUIRES STORE #, CITY, STATE, ZIP CODE & QTY. OF HVAC UNITS OF THE INSTALL SITE WHEN ORDERING. EMS SYSTEMS INSTALLATION GUIDE WITH PHOTOS IS AVAILABLE ON NATIONAL ACCOUNT WEBSITE. ALL QUESTIONS PERTAINING TO THE EMS PANEL, SYSTEM INSTALLATION & SETUP SHOULD BE DIRECTED TO EMERSON'S DOLLAR GENERAL SUPPORT TEAM AT 770-425-2724.
2. ALL SIGN & LIGHTING CIRCUITS MUST BE FED THROUGH THE DESIGNATED CONTACTORS AS NOTED ON THIS PAGE.
3. ALL LOW VOLTAGE HVAC & DOOR SENSORS MUST BE CONNECTED TO THE PROPER TERMINAL. 24 GA. SHIELDED (SHIELD MUST BE GROUNDED) CABLE. BELDEN #8641. 2 CONDUCTOR WIRE OR ITS EQUIVALENT IS REQUIRED.
4. COOLER & FREEZER HOME RUNS WILL BE TERMINATED AT ALL POINTS BY DOLLAR GENERAL REFRIGERATION DEPARTMENT.

TESTING NOTES

TESTING OF HVAC UNITS THRU EMS PANEL IS ACCOMPLISHED BY SIMPLY WARMING UP OR COOLING DOWN A SPACE TEMPERATURE SENSOR (USING A BLOW DRYER OR ELECTRONIC EQUIPMENT DUSTER, AEROSOL) 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 AHU. WHEN COMPLETE, PRESS THE HOME BUTTON TO RETURN TO THE MAIN SCREEN.

CONTROL PANEL NOTES

1. EMS SYSTEM SHOULD BE TESTED FOR HVAC OPERATION, INTERIOR LIGHTING, EXTERIOR LIGHTING AND SIGN LIGHTING PRIOR TO CONTRACTOR'S ELECTRICAL POSSESSION DATE. USE OUTSIDE LIGHT AND SIGN LIGHT OVERRIDE FOR EXTERIOR TESTING.

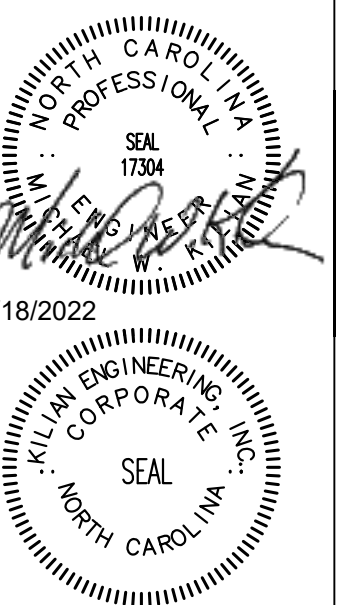
DEVICE SCHEDULE

SYMB	DESCRIPTION	CABLE TYPE	SUPPLIER	INSTALLER	NOTES
OT	OUTDOOR AIR TEMP 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 (501-1121) IN SUPPLY DUCT	BELDEN 8761 OR EQUIVALENT (22AWG, 2C, STRANDED, SHIELDED)	EMS SUPPLIER	GENERAL CONTRACTOR	(1) PER HVAC UNIT
TS	TEMP SPACE SENSOR (809-6590) 8'-0" A.F.F.	BELDEN 8761 OR EQUIVALENT (22AWG, 2C, STRANDED, SHIELDED)	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

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 MAMERS ROAD
 LILLINGTON, NC

JOB NUMBER: 22223
 DRAWN BY: REW
 DATE: 04/18/2022
 REVISIONS:

SHEET NUMBER

EMS1