

# GENERAL CONSTRUCTION NOTES

NOTES APPLY BASED ON PROJECT WORK SCOPE

- CONTRACTOR SHALL READ AND UNDERSTAND ALL NOTES INCLUDED HERewith AND ADHERE CAREFULLY TO THEM THROUGHOUT ALL PHASES OF THE PROJECT.
- ALL NEW CONSTRUCTION SHALL BE IN STRICT COMPLIANCE WITH LOCAL BUILDING CODES AND ICC ANSI A117.1 AND OTHER ACCESSIBILITY REGULATIONS.
- ALL WORK SHALL BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT. (OSHA)
- FURNISH AND INSTALL ALL CONSTRUCTION, MECHANICAL, ELECTRICAL, PLUMBING, AND FOUNDATION SYSTEMS AS REQUIRED TO ACCOMMODATE THE DESIGN REQUEST OF THE OWNER.
- DIMENSIONS GIVEN IN FIGURES ON THE PLANS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS. ALL DIMENSIONS SHALL BE VERIFIED IN THE FIELD. DIMENSIONS ARE NOT ADJUSTABLE UNLESS NOTED (+/-).
- ALL DIMENSIONS ARE GIVEN FROM FINISHED WALL TO FINISHED WALL UNLESS OTHERWISE NOTED.
- "EQUAL" WHEN USED SHALL MEAN AN EQUIVALENT PRODUCT OR MATERIAL AS APPROVED BY THE OWNER.
- ALL HEIGHTS ARE DIMENSIONED FROM FINISHED FLOOR UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL VERIFY THAT NO CONFLICTS EXIST IN LOCATIONS OF ANY AND ALL MECHANICAL, TELEPHONE, DATA, ELECTRICAL, LIGHTING, PLUMBING AND RELATED EQUIPMENT (TO INCLUDE ALL PIPING, DUCTWORK AND CONDUIT) AND THAT ALL REQUIRED CLEARANCE FOR INSTALLATION OR MAINTENANCE OF ABOVE EQUIPMENT IS PROVIDED.
- ALL GYPSUM WALL BOARD PARTITIONS SHALL BE TAPED, BEDDED AND SANDED SMOOTH WITH NO VISIBLE JOINTS, AND ALL CORNERS SHALL RECEIVE METAL CORNER BEAD.
- ALL RATED WALLS SHALL HAVE THEIR RATING MAINTAINED AND ALL NEW PENETRATIONS SEALED TO MEET CURRENT CODE REQUIREMENTS.
- ALL MATERIALS FURNISHED AND INSTALLED SHALL BE FREE FROM DEFECTS. ALL MATERIALS AND WORKMANSHIP SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE. DURING THIS PERIOD ANY PROBLEMS DUE TO DEFECTIVE MATERIALS OR FAULTY WORKMANSHIP SHALL BE CORRECTED AT NO COST TO THE OWNER. ANY PROBLEMS THAT OCCUR DURING CONSTRUCTION SHALL BE CORRECTED IMMEDIATELY TO THE SATISFACTION OF THE OWNER.
- GENERAL CONTRACTOR SHALL PROVIDE ADEQUATE BRACING AS REQUIRED TO SECURE WORK TO STRUCTURE AND SHALL BE TOTALLY RESPONSIBLE FOR HIS WORK.
- DURING AND AT THE COMPLETION OF THE CONTRACTORS DAILY WORK, CONTRACTORS ARE RESPONSIBLE FOR THE CLEANING UP AND REMOVAL OF ALL RUBBISH AND DEBRIS BEFORE LEAVING THE JOB SITE.
- THE FOLLOWING ARE STRICTLY PROHIBITED WORK AND PRACTICES :
  - ANY COMBUSTIBLE MATERIALS ABOVE FINISHED CEILING.
  - IMPOSING ANY STRUCTURAL LOAD, TEMPORARY OR PERMANENT, ON ANY PART OF BUILDING STRUCTURE WITHOUT PRIOR WRITTEN APPROVAL.
  - CUTTING ANY HOLES IN FLOOR SLABS, WALLS OR ROOF WITHOUT PROPER APPROVAL. BEFORE STARTING ANY UNDER SLAB WORK, CHECK TO DETERMINE IF ANY COMMON UTILITY OR OTHER UTILITY LINES EXIST WITHIN THE SPACE.
- CONTRACTORS SHALL CARRY ADEQUATE LIABILITY INSURANCE AS SET FORTH BY THE OWNER AND THE LANDLORD.
- A CERTIFICATE OF COMPLETION MUST BE OBTAINED UPON COMPLETION OF ALL WORK AND FINAL INSPECTIONS. THE ORIGINAL DOCUMENT TO BE SUBMITTED TO THE OWNER.
- THE CONTRACTOR SHALL OBTAIN AND PAY ALL NECESSARY PERMIT COSTS AND FEES REQUIRED BY PUBLIC AUTHORITIES, UTILITY COMPANIES, AND OTHER INCURRED COST.
- PROVIDE ALL INSURANCE, LICENSES, BONDING, AND RELEASE OF LIENS REQUIRED BY THE OWNER. PROVIDE COPIES OF DOCUMENTATION UPON REQUEST.
- PROVIDE COMPLETE OPERATING MAINTENANCE, AND SPECIFICATION MANUALS TO THE OWNER FOR ALL EQUIPMENT WITHIN 15 DAYS OF FINAL COMPLETION OF JOB.
- PROVIDE A WRITTEN LIST OF SERVICE SUB-CONTRACTORS TO THE OWNER WITHIN 15 DAYS OF JOB COMPLETION INCLUDING NAMES, ADDRESSES, PHONE NUMBERS, AND CONTACT PERSONS FOR FUTURE SERVICE NEEDS.
- THE THE OWNER'S REPRESENTATIVE AND/OR THE OWNER'S CONTRACTOR SHALL NOT BE ALLOWED TO USE OR STORE OR DISPOSE OF ANY HAZARDOUS, ASBESTOS, FLAMMABLE, EXPLOSIVE, RADIOACTIVE, TOXIC, CONTAMINATING POLLUTING MATTER OR SUBSTANCES RELATED INJURIOUS MATERIALS OR CHEMICAL REGULATED MATERIALS ON THE JOB SITE.
- ALL INTERIOR WALLS SHALL HAVE ONE COAT OF WHITE PRIMER.
- THE FOLLOWING SECURITY PROCEDURES SHALL BE IN FOLLOWED WHEN THE TENANT'S FINISH WORK BEGINS.
  - THE G.C. AND SUB-CONTRACTORS PERSONNEL SHALL SIGN IN WHEN THEY ARRIVE IN THE MORNING
  - AT ALL TIMES THEY WILL ENTER AND EXIT THROUGH THE OUTSIDE PARKING LOT DOORS.
  - ANY TOOL BOXES, CARTONS, ETC. THAT THE WORKERS WOULD USE TO TRANSPORT MATERIALS, ETC. ARE SUBJECT TO INSPECTION UPON DEPARTURE.
- ALL WALLS SHALL BE SQUARE AND PLUMB.
- GENERAL CONTRACTOR SHALL PROVIDE ADEQUATE PROTECTIONS AND SECURITY OF WORK, MATERIALS, FIXTURES AND ETC. ON JOB SITE FROM LOSS OR DAMAGE FROM FIRE, THEFT OR VANDALISM.
- GENERAL CONTRACTOR SHALL USE ENTRANCE PROVIDED BY THE OWNER FOR TRANSPORTING MATERIALS TO AND FROM JOB SITE. ALL EMPLOYEES OF G.C SHALL USE THESE SAME ENTRANCES. G.C. SHALL CONFINED ALL VEHICLES TO DESIGNATED AREA AS REQUIRED BY THE OWNER.
- GENERAL CONTRACTOR'S BID QUOTATION SHALL INCLUDE THE USE OF EQUIPMENT & MATERIALS EXACTLY AS SPECIFIED. SUBSTITUTION REQUESTS SHALL BE SUBMITTED TO THE OWNER FOR REVIEW APPROVAL.
- ALL SIGNAGE FURNISHED AND INSTALLED BY FUTURE TENANT UNLESS OTHERWISE NOTED.

**CONTRACTOR NOTE:**  
ALL TRADE WORK MUST BE PERFORMED BY RESPECTIVE PENNSYLVANIA LICENSED CONTRACTORS.

## DEFERRED SUBMITTALS

THE FOLLOWING DRAWINGS WILL BE PROVIDED TO THE PERMIT PLAN REVIEWER UNDER A SEPARATE SUBMITTAL BY THE RESPECTIVE SUB-CONTRACTORS:

- PRE-ENGINEERED METAL BUILDING PLANS
- SIGN SHOP DRAWINGS BY TENANT SIGN VENDOR

# DOLLAR GENERAL

STORE #23228 | DGP PROTOTYPE 'D+'  
MOLLY PITCHER HWY US 11 | FRANKLIN COUNTY  
MARION, PENNSYLVANIA 17235

REQUIRED NATIONAL ACCOUNT VENDORS			
COMPANY	CONTACTS	PHONE #	REQUIRED ITEMS
RAINBIRD IRRIGATION	LOCAL RAIN BIRD DISTRIBUTER	WWW.RAINBIRD.COM	IRRIGATION SYSTEMS
EUCLID CHEMICAL COMPANY	PHIL BRANDT	877-438-3826 PBrandt@euclidchemical.com	CONCRETE POLISHING SYSTEMS
RETRO-PLATE SYSTEMS	SCOTT MAXFIELD	801-641-6796 scott.maxfield@retroplatesystem.com	CONCRETE POLISHING SYSTEMS
RECORD DOOR SYSTEMS	MICHAEL VINNIK	704-290-0234 dollargeneral@recorddoors.com	IN.KY,MD, OH,PA,VA,WV MODEL #5100 SERIES
STANLEY ACCESS TECHNOLOGIES	DENNIS WEBB	256-776-8902 DGoors@sbdlinc.com	AR,AZ,CA,CO,CT,DE,IL,IA,KS,LA,MA,ME,MN,MO,ND,NE,NH,NJ,NM,NV,NY,OK,OR,RI,SD,TX,VA,WA,WI,WY
ASSA ABLBY ENTRANCE SYSTEMS	ROSS MERKLING	609-528-2580 dollargeneral.besam.us@assaabloy.com	AL, FL, GA, MS, NC, SC, TN MODEL #SL500
GIRTMAN AND ASSOCIATES	MIKE MOYNAHAN	615-964-6000 ext. 4527 gconstruction@bas-security.com	INTERIOR DOORS AND FRAMES AL,AR,AZ,CA,CO,FL,GA,IA,KS,LA,MS,MN,MO,ND,NE,NH,NJ,NM,NV,NY,OK,OR,RI,SD,TX,VA,WA,WI,WY
COOK & BOARDMAN GROUP	JOE HARRELL	338-837-0673 nationalsales@cookandboardman.com	INTERIOR DOORS AND FRAMES CT,DE,IL,IN,KY,MA,MD,ME,MN,NC,NH,NJ,NY,OH,PA,RI,VA,VT,WV AND RESTROOM ACCESSORIES
SHERWIN WILLIAMS	LOCAL SHERWIN WILLIAMS STORE		PAINT, PRIMER, CONCRETE SEALER AND BLOCK FILLER
MC CUE CORPORATION	KEVIN O'NEILL	678-492-4026 koneill@mccue.com	TRIM KIT INCLUDES BUMPER GUARDS AND CART STOP
YORK	NATIONAL ACCOUNTS	800-481-9738 york-dollargeneral-be@d.com	HVAC UNITS AR, CO, IL, IN, KY, KS, MO, OH, OK, OR, TN, VA, WA, WV
CARRIER	HASAN KHALIL	315-432-7655 Hasan.Khalil@carrier.utc.com	HVAC UNITS AL, AZ, CA, DE, FL, GA, IA, MD, MS, NC, NM, SC, TX, VA
LENNOX	SCOTT MACDONALD	972-497-6781 dollargeneral@lennoxind.com	HVAC UNITS CT, IA, MA, ME, MI, MN, ND, NE, NH, NJ, NY, PA, RI, SD, VT, WI, WY
ROOF CURB SYSTEMS	CLIFTON REASOR	800-683-5848 DollarGeneral@roofcurb.com	RTU CURB
CURBS PLUS INC.	ALLAN THRALLKILL	888-639-2872 alan.thrallkill@curbs-plus.com	RTU CURB
KCC INTERNATIONAL INC.	GREG CONRAD	800-382-2872 gconrad@kccurbs.com	RTU CURB
CED - CONSOLIDATED ELECTRICAL DISTRIBUTORS	ROBERT DECKER	270-781-2229 robertd@cedbgky.com	ELECTRICAL SWITCH GEAR AR,AZ,CA,CO,IA,IN,IL,IA,KS,KY,MI,MN,MO,MS,ND,NE,NM,NV,OK,OR,SD,TX,VA,WA,WI,WY
NESCO	CHRIS TRACY	800-244-6980 dollargeneral@needhamelectr.com	ELECTRICAL SWITCH GEAR AL,CT,DE,FL,GA,MA,MD,ME,NC,NH,NJ,NY,OH,PA,RI,SC,TN,VA,VT,WV
USLED	DANA PORTER	713-337-3826 DGUSLED@usled.com	ELECTRICAL LIGHTING SUPPLIES AR,CO,IA,IL,IN,KS,KY,MI,MN,MO,ND,NE,OH,OK,SD,WI,WV,WY
LEDS	MICHAEL STRINGER KYLE KNAPP	920-915-4010 DGORDERS@leds-llc.com	ELECTRICAL LIGHTING SUPPLIES AL,AZ,CA,CT,DE,FL,GA,IA,MA,MD,ME,MS,NC,NH,NJ,NM,NV,NY,OR,PA,RI,SC,TN,TX,VA,VT,WV
D&P CUSTOM LIGHTING	NATIONAL ACCOUNT SALES	800-251-2200	CUSTOM POWER POLES
CROSSCOM NATIONAL	KEN MILLER	847-850-6298 dollargeneral@crosscomnational.com	LOW VOLTAGE & VOICE/DATA CO,CT,DE,FL,IA,IL,IN,KS,KY,MI,MN,MO,ND,NE,NH,NJ,NY,OH,SD,VT,WI,WV,WY
ASD	CHRIS RUDNITSKI	828-624-1046 crudnitski@asd-usa.com	LOW VOLTAGE & VOICE/DATA AL,AR,AZ,CA,GA,KY,LA,MA,MS,NC,NM,NV,OK,OR,PA,RI,SC,TN,TX,VA,WA
GRAYBAR	JEROME BANNISTER	615-743-3202 office, 615-924-2135 cell DollarGeneral@graybar.com	CABLE TRAY
EMERSON CLIMATE TECHNOLOGIES	WEBSITE: http://dollargeneralbid.ectolutions.net	USER NAME: dollargeneralbid PASSWORD: dollargeneralbid	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	D'ETTA NEAVES	858-752-7821 Detta.Neaves@sbdlinc.com (pre-sale bld) All.Mater@sbdlinc.com (post-steward)	INTERIOR FIRE ALARM PANELS

## REQUIRED NATIONAL ACCOUNTS FOR ENGINEERING AND CONSTRUCTION MATERIAL TESTING

COMPANY	CONTACTS	PHONE #	WWW
ATC ASSOCIATES, INC.	LESLIE GREENWOOD	205-733-8775 leslie.greenwood@atcg.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	864-234-7388 dollargeneral@eas-pro.com	www.eas-pro.com
PROFESSIONAL SERVICE INDUSTRIES, INC. (PSI)	TERESA HEBNER	770-424-6200 #3030 teresa.hebner@psiusa.com	www.psiusa.com
TERRACON	JOHN MEADOW	770-623-0755 #353 dollargeneral@terracon.com	www.terracon.com

## NATIONAL ACCOUNT & CONTACT INFORMATION SUBJECT TO CHANGE

## SYMBOLS LEGEND

	DETAIL MARKER, INDICATES DETAIL NUMBER AND SHEET NUMBER WHERE IT IS LOCATED.
	ELEVATION MARKER, POINTS TO AREA AND INDICATES ELEVATION NUMBER.
	SECTION MARKER INDICATES SECTION NUMBER AND SHEET NUMBER WHERE IT IS LOCATED.
	COLUMN REFERENCE MARKER
	REFERENCE NOTE MARKER TO NOTE SCHEDULE LEGEND DESCRIPTION
	ROOM NAME AND NUMBER MARKER.
	DOOR MARKER
	VERTICAL ELEVATION MARKER
	FIRE EXTINGUISHER
	REVISION CLOUD AND MARKER

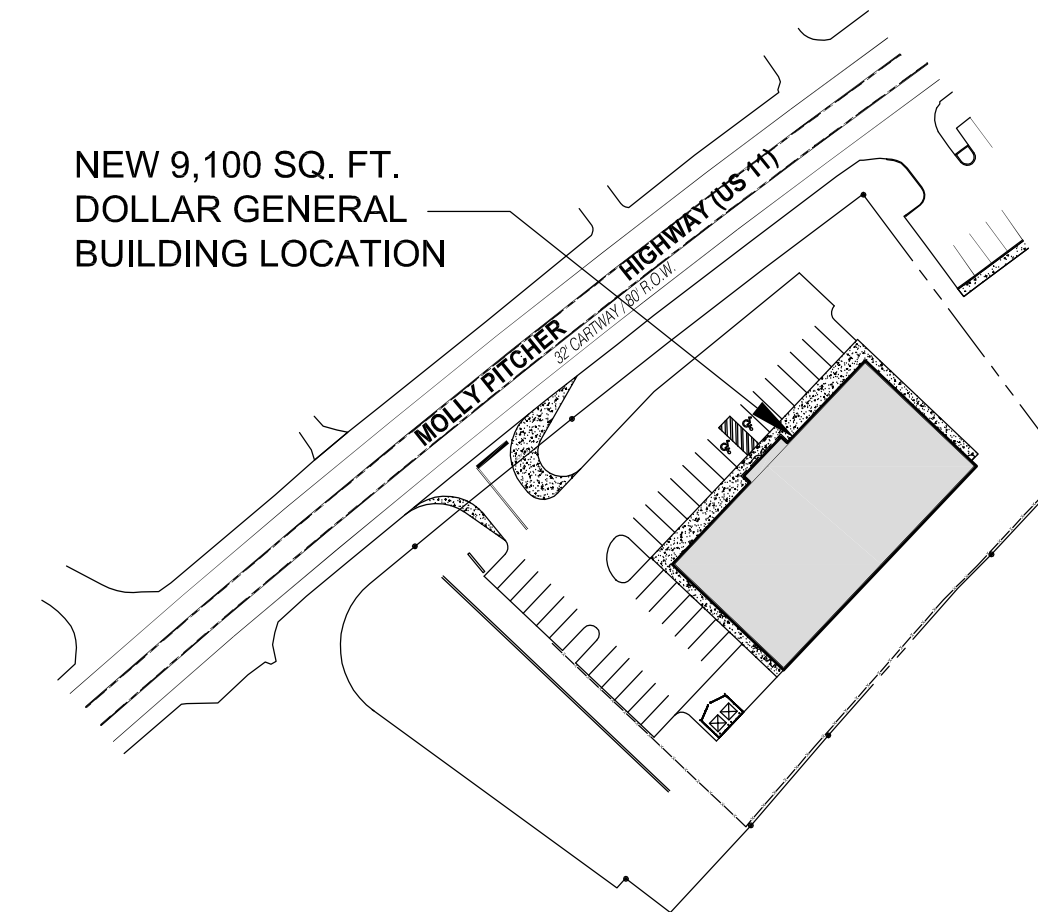
## ABBREVIATIONS

A.D.A.	=	AMERICANS WITH DISABILITIES ACT
A.F.F.	=	ABOVE FINISHED FLOOR
ALUM.	=	ALUMINUM
C.J.	=	CONTROL JOINT
CLEAR	=	MINIMUM CLEAR DIMENSION
CLG.	=	CEILING
C.M.U.	=	CONCRETE MASONRY UNIT
CONT.	=	CONTINUOUS
DEG.	=	DEGREE
DET.	=	DETAIL
D.F.	=	DRINKING FOUNTAIN
E.C.	=	ELECTRICAL CONTRACTOR
E.J.	=	EXPANSION JOINT
EWC	=	ELECTRIC WATER COOLER
FAC.	=	FACTORY
FE	=	FIRE EXTINGUISHER
FRT	=	FIRE RETARDANT TREATED
G.C.	=	GENERAL CONTRACTOR
GWB	=	GYPSUM WALLBOARD
H.C.	=	HANDICAP
HCWD	=	HOLLOW CORE WOOD DOOR
H.D.	=	HEAVY DUTY
HDWR	=	HARDWARE
H.M.	=	HOLLOW METAL
MFG.	=	MANUFACTURING(ER)
MTL.	=	METAL
N.I.C.	=	NOT IN CONTRACT
O.C.	=	ON CENTER
P.T.	=	PRESSURE TREATED
P.O.S.	=	POINT OF SALE
REQ'D	=	REQUIRED
R.R.	=	RESTROOM
SCWD	=	SOLID CORE WOOD DOOR
SIM.	=	SIMILAR
TYP.	=	TYPICAL
U.N.O.	=	UNLESS NOTED OTHERWISE

# SITE PLAN

MOLLY PITCHER HWY  
US HWY 11 | FRANKLIN COUNTY  
MARION, PENNSYLVANIA 17235

NEW 9,100 SQ. FT.  
DOLLAR GENERAL  
BUILDING LOCATION

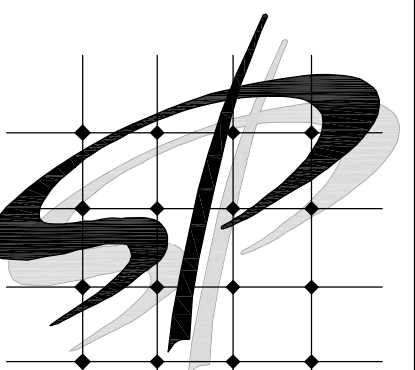


## PROJECT CONTACTS

<b>TENANT</b> DOLLAR GENERAL 100 MISSION RIDGE GOODLETTSVILLE, TN 37073 TYLER NICHOL - Northeast Region PHONE: 615-855-4655 FAX: 615-855-4705 EMAIL: nichol@dollargeneral.com	<b>DEVELOPER</b> ROWLAND HOLDINGS, LLC 14703 INDIAN SPRINGS ROAD HANCOCK, MD 21750 CONTACT: JIMMY ROWLAND PHONE: 301-582-4999 CELL: 301-491-1257 EMAIL: jim@outdoorcontractors.com	<b>CIVIL ENGINEER</b> FREDERICK, SEIBERT & ASSOCIATES, INC. 128 S. POTOMAC STREET HAGERSTOWN, MD 21740 CONTACT: ADAM HAGER - PROJECT MGR PHONE: 301-791-3650 FAX: 301-739-4956 EMAIL: adam@fssa-md.com
<b>ARCHITECTURE &amp; MEP</b> STORE PLANNING INC. 3080 SENNA DRIVE MATTHEWS, NC 28105 CONTACT: RAY EDWARDS-Principal PHONE: 704-841-7288 FAX: 704-849-6997 EMAIL: ray@storeplanninginc.com	<b>STRUCTURAL ENGINEER</b> H. EUGENE HUNTER, PE CONSULTING ENGINEER 1068 HEATHER GLEN DRIVE MATTHEWS, NC 28104 PHONE: 704-574-8083 FAX: 980-335-2121 EMAIL: ghunter@carolinarr.com	<b>THIRD PARTY CODE ENFORCEMENT</b> COMMONWEALTH CODE INSPECTION SERVICE, INC 176 DOE RUN ROAD MANHEIM, PA 17545 CONTACT: LUCILLE SCHILLING PHONE: 717-664-2347 EMAIL: cdsoffice@dejazzd.com

## INDEX TO DRAWINGS

GENERAL	ORIGINAL DATE	LATEST REVISION DATE
T1	TITLE SHEET	MARCH 19, 2021
T2	LIFE SAFETY PLAN	MARCH 19, 2021
CIVIL	ORIGINAL DATE	LATEST REVISION DATE
SEE CIVIL ENGINEERING PLAN SET	SEE SEPARATE PLANS	SEE SEPARATE PLANS
ARCHITECTURAL	ORIGINAL DATE	LATEST REVISION DATE
A1	FLOOR PLAN & DETAILS	MARCH 19, 2021
A2	EXTERIOR ELEVATIONS	MARCH 19, 2021
A3	SECTIONS & DETAILS	MARCH 19, 2021
A4	ROOM FINISH SCHEDULE & ELEVATIONS	MARCH 19, 2021
A5	DOOR SCHEDULE & DETAILS	MARCH 19, 2021
A6	RESTROOM/OFFICE PLAN & DETAILS	MARCH 19, 2021
A7	REFLECTED CEILING PLAN & DETAILS	MARCH 19, 2021
F1	FIXTURE PLAN & DETAILS	MARCH 19, 2021
GS1	ROOF PLAN & METAL BUILDING NOTES	MARCH 19, 2021
GS2	CONCRETE SUMMARY	MARCH 19, 2021
GS3	CONCRETE & COLUMN BASE DETAILS	MARCH 19, 2021
STRUCTURAL	ORIGINAL DATE	LATEST REVISION DATE
S1	GENERAL NOTES & SECTIONS	MARCH 19, 2021
S2	FOUNDATION PLAN	MARCH 19, 2021
S3	SECTIONS AND DETAILS	MARCH 19, 2021
PLUMBING	ORIGINAL DATE	LATEST REVISION DATE
P0.1	PLUMBING DETAILS & NOTES	MARCH 19, 2021
P1.1	SANITARY PLAN	MARCH 19, 2021
P2.1	DOMESTIC WATER AND GAS PIPING PLAN	MARCH 19, 2021
MECHANICAL	ORIGINAL DATE	LATEST REVISION DATE
M0.1	MECHANICAL SCHEDULES & NOTES	MARCH 19, 2021
M1.1	MECHANICAL PLAN & DETAILS	MARCH 19, 2021
EMS1	EMS LOW VOLTAGE PLAN	MARCH 19, 2021
ELECTRICAL	ORIGINAL DATE	LATEST REVISION DATE
E1.1	POWER PLAN	MARCH 19, 2021
E1.2	REFRIGERATION POWER PLAN	MARCH 19, 2021
E1.3	ROOF POWER PLAN	MARCH 19, 2021
E2	LIGHTING PLAN	MARCH 19, 2021
E3	ELECTRICAL PANELS	MARCH 19, 2021
E4	ELECTRICAL SITE PLAN	MARCH 19, 2021



STORE PLANNING INC  
3080 SENNA DRIVE  
Matthews, North Carolina 28105  
Phone: 704-841-7288  
Fax: 704-849-6997



#	DATE	REVISION

DOLLAR GENERAL #23228  
MOLLY PITCHER HIGHWAY  
FRANKLIN COUNTY PA  
MARION, PA 17235

**DOLLAR GENERAL**

TITLE SHEET

SHEET TITLE

SPI Client	DATE
21017	3-19-21

SHEET NUMBER

**T1**

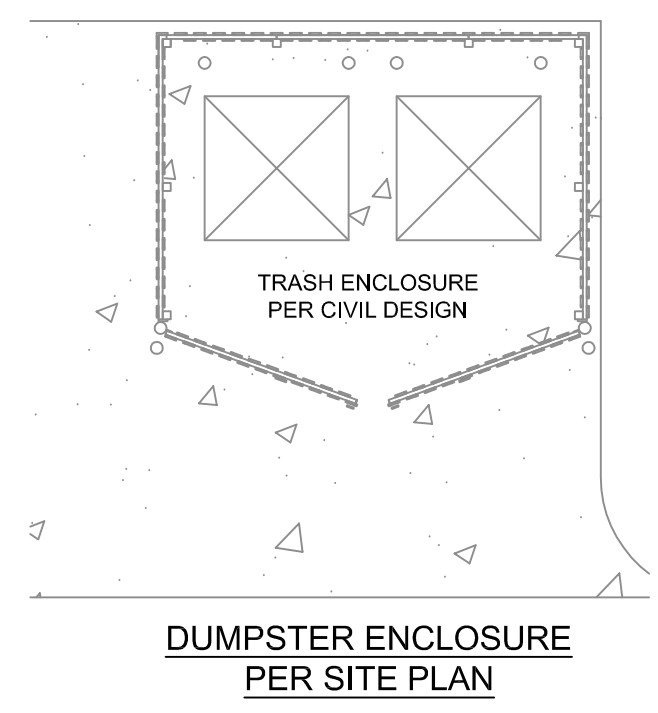


**EMERGENCY LIGHT NOTE**  
ALL EMERGENCY LIGHTS ARE SUPPLIED WITH AN INTEGRAL 90 MINUTE MINIMUM BATTERY BACKUP SOURCE

**EXIT LIGHT NOTE**  
EXIT SIGNS SHALL BE READILY VISIBLE PER IBC CODE SECTION 1013.1

**MAXIMUM DISTANCE FOR FIRE EXTINGUISHERS IS 75 FT.**  
INSTALL PER THE DIRECTION OF THE LOCAL OFFICIALS

**HIGH PILED STORAGE NOTE**  
THERE WILL BE NO HIGH PILED STORAGE. DOLLAR GENERAL TO PROVIDE ALL STORAGE FIXTURES.



**CODE SUMMARY**

CODE STUDY: 10,640 SF RETAIL SPACE | FRANKLIN COUNTY | MARION, PA  
SUMMARY OF WORK: NEW CONSTRUCTION  
USE GROUP: M - MERCANTILE PROPERTY ID 10-0020J-055  
BUILDING TYPE: TYPE II B MAX BUILDING HT: 20'-0" CLIMATE ZONE: 5  
SEISMIC: USE GROUP II DESIGN CATEGORY 'B' SITE CLASS: 'D' (ASSUMED)

**ALLOWABLE BUILDING HEIGHTS AND AREAS:**

ALLOWED	PROVIDED	FLOOD ZONE: 'X'
HEIGHT: 2 STORY	1 STORY	PROJECT IS LOCATED IN AREA OF DESIGNATED 100 YEAR FLOOD HAZARD PER FEMA FIRM MAP #42055C0430E
AREA: 12,500 SF	10,640 SF	

**FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS:**

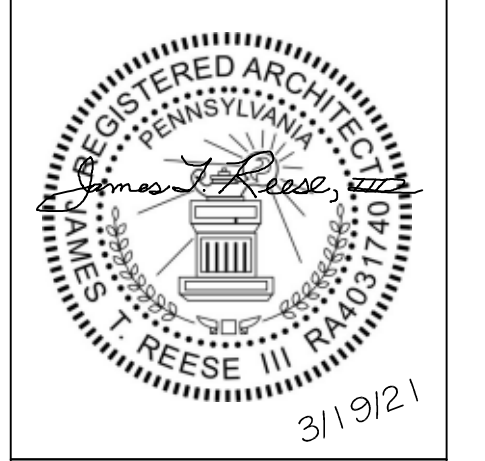
PRIMARY STRUCTURAL FRAME:	0 HR
BEARING WALLS (INTERIOR / EXTERIOR)	0 HR
NON BEARING WALLS (INTERIOR / EXTERIOR)	0 HR
FLOOR / SECONDARY MEMBERS	0 HR
ROOF / SECONDARY MEMBERS	0 HR

**GENERAL REQUIREMENTS:**

FIRE SPRINKLER SYSTEM: NO (LESS THAN 12,000 SF)  
FIRE ALARM SYSTEM: NO (LESS THAN 500 OCCUPANT LOAD)  
FIRE EXTINGUISHERS: YES (See Specification Below)

**SP**

STORE PLANNING INC  
3080 SENNA DRIVE  
Mathews, North Carolina 28105  
Phone: 704-841-7288  
Fax: 704-849-6997



#	DATE	REVISION

**CHAPTER 10 - OCCUPANT LOADING:**

AREA	SQ. FT.	DIVIDER:	# PERSONS:
GROSS (Entire Bldg.)		SF / PERSON	
SALES	8,807	60	147
RECEIVING	1,046	300	4
OFFICE/BREAK ROOM	191	100	2
TOILET/JAN	133	NA	0
FLOOR AREA GROSS	10,177		153

**CHAPTER 10 - MEANS OF EGRESS:**

1-500	OCCUPANCY	REQUIRED:	MAX PERSONS:
EXITS PROVIDED	EXITS #:	UNITS/EXIT:	UNSPRINKLED
EXIT # 1	1	32	64
EXIT # 2	1	32	64
	2	96	480

(BETWEEN EXITS)

DIAGONAL RULE:	TD'	DIAGONAL'	DIA/2=	SUMMARY
	103'	157'	79'	TD 103' > DIA/2 79' = OK

**PLUMBING FIXTURE COUNT**

# PERSONS:	50% M:	50% F:
MALES 153	77	77

**REQUIRED: (PROVIDED)**

FEMALES	1 PER 500: 1M # WC (1M WC)	1 PER 750: 1M # LAV (1M LAV)
DRINKING FOUNTAINS	1 PER 500: 1F # WC (1F WC)	1 PER 750: 1F # LAV (1F LAV)
JANITOR	1 PER 1000: 1 D.F. (2 D.F.'s)	1 PER 1000: 1 SS (1SS)

**PENNSYLVANIA APPLICABLE CODES**

BUILDING: 2015 INTERNATIONAL BUILDING CODE  
ENERGY: 2015 IECC OR ASHRAE STANDARD 90.1-2013  
EXISTING BUILDING: 2015 INTERNATIONAL EXISTING BUILDING CODE  
FIRE: 2015 INTERNATIONAL FIRE CODE  
GAS: 2015 INTERNATIONAL FUEL GAS CODE  
MECHANICAL: 2015 INTERNATIONAL MECHANICAL CODE  
PERFORMANCE: 2015 ICC PERFORMANCE CODE  
PLUMBING: 2015 INTERNATIONAL PLUMBING CODE  
ELECTRICAL: 2011 NATIONAL ELECTRIC CODE  
ACCESSIBILITY: 2018 IBC CHAPTER 11 ACCESSIBILITY REQUIREMENTS & ANSI A117.1 2011

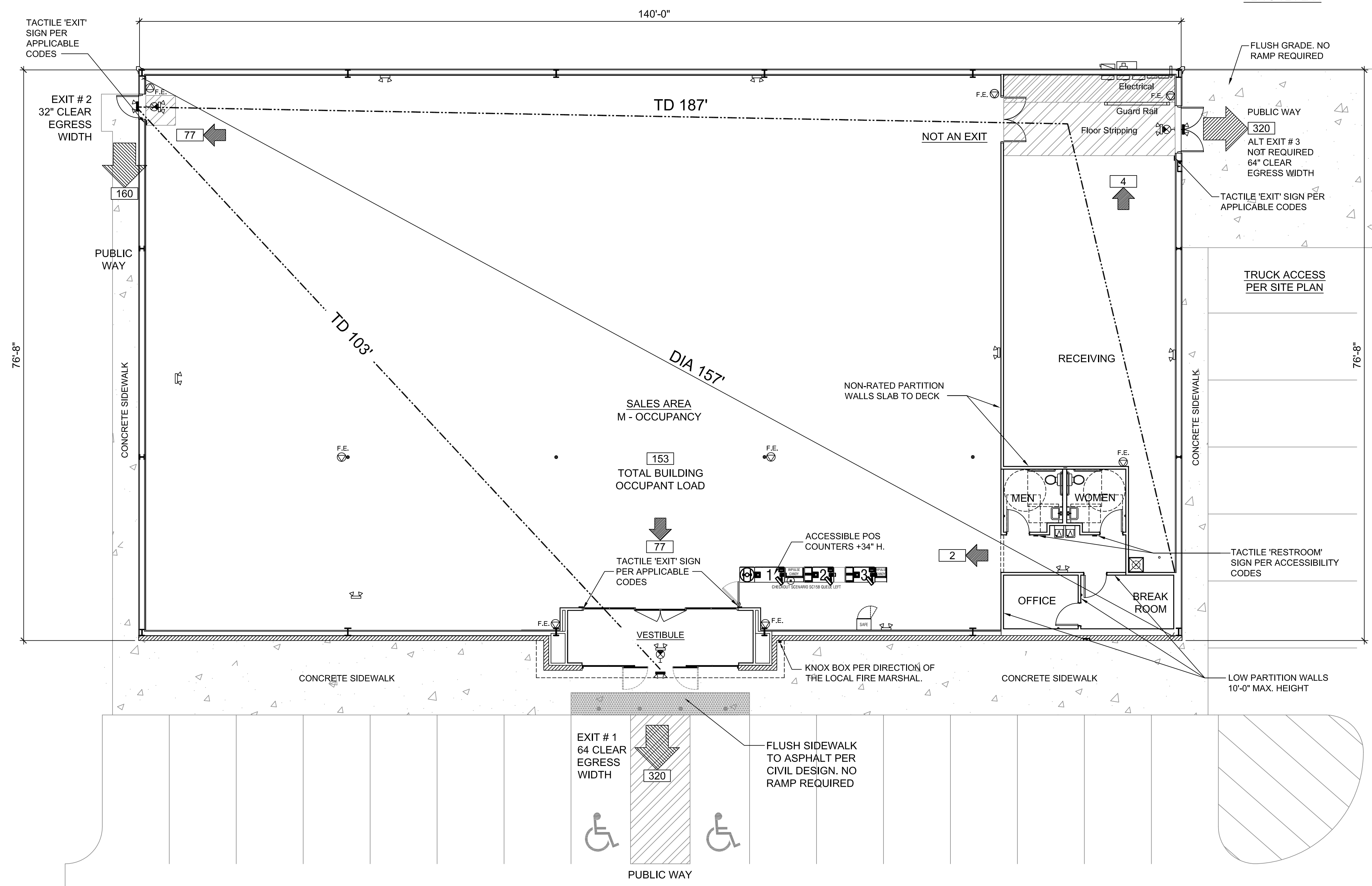
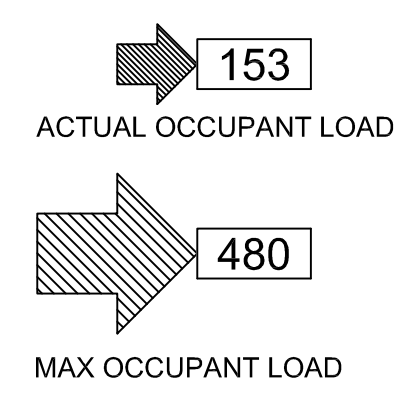
**FIRE EXTINGUISHER SPEC.**

GENERAL CONTRACTOR SHALL FURNISH AND INSTALL NEW FIRE EXTINGUISHERS PER LOCAL FIRE MARSHAL SPECIFICATIONS. QUANTITY AND LOCATIONS MAY VARY FROM SHOWN ON THIS PLAN.

SYMBOL: ALL FIRE EXTINGUISHERS SHALL BE TAGGED AND CERTIFIED BY G.C. PRIOR TO STORE OPENING.

F.E. GENERAL FIRE EXTINGUISHER CRITERIA:  
FIRE EXTINGUISHER: DRY CHEMICAL, 2-A MIN. RATING. WALL MOUNT WITH BOTTOM OF EXTINGUISHER AT 30" A.F.F. UNLESS OTHERWISE INSTRUCTED BY THE FIRE MARSHAL.

**LEGEND**



**1 LIFE SAFETY PLAN**  
T2 SCALE: 1/8" = 1'-0"

DOLLAR GENERAL #23228  
MOLLY PITCHER HIGHWAY  
FRANKLIN COUNTY PA  
MARION, PA 17235

**DOLLAR GENERAL**

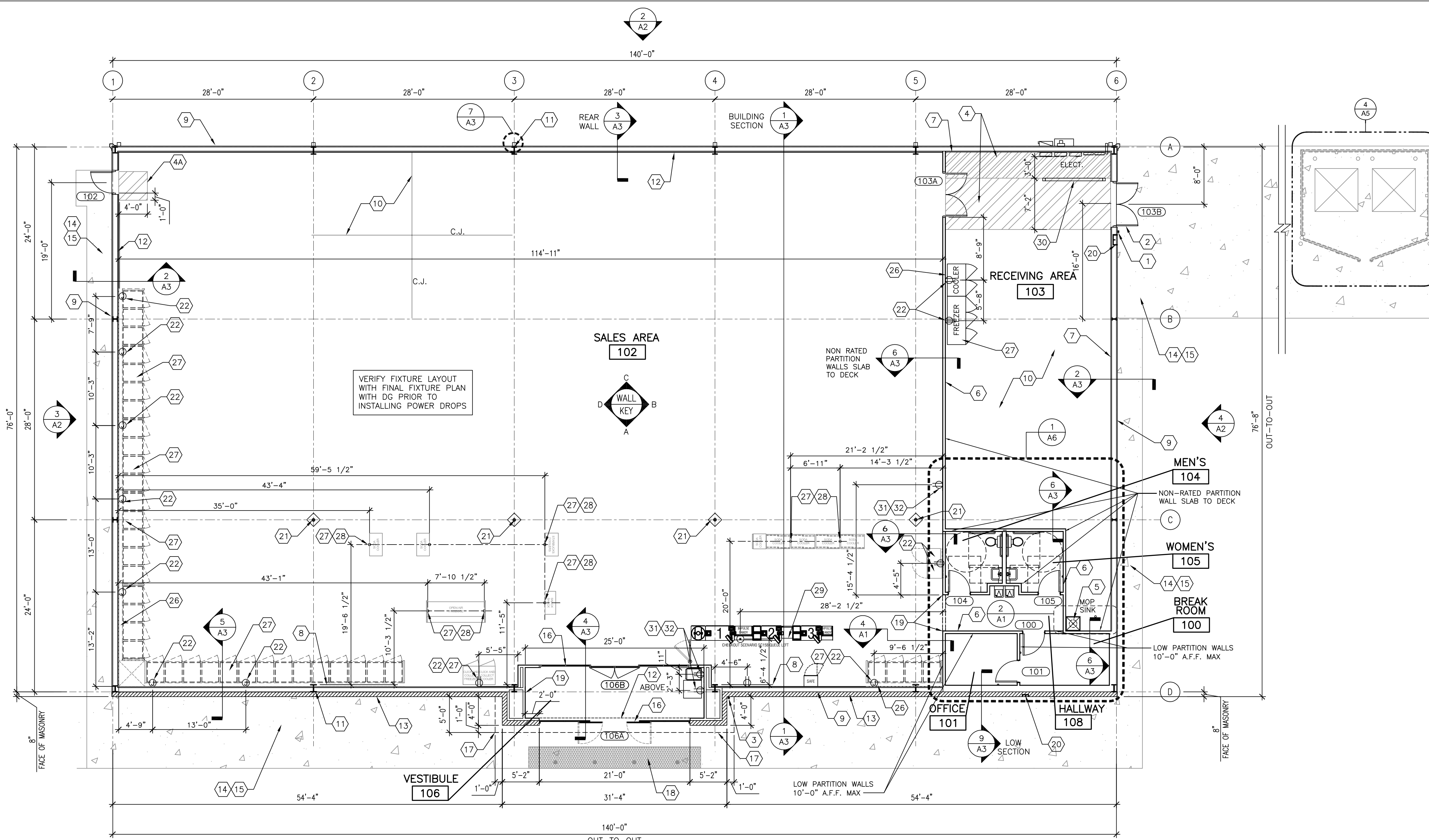
LIFE SAFETY PLAN

SHEET TITLE

SPI Client	DATE
21017	3-19-21

SHEET NUMBER

**T2**



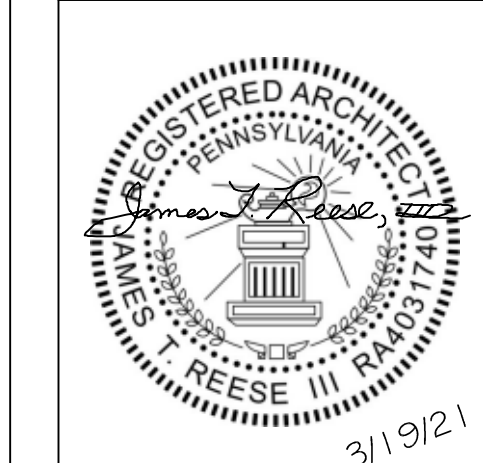
**1 FLOOR PLAN**  
 1/8" = 1'-0"

**FLOOR PLAN KEYED NOTES**

- 1 RECEIVING DOOR BUZZER
- 2 2" DOOR SCOPE.
- 3 PROVIDE & INSTALL KNOX BOX PER THE DIRECTION OF THE LOCAL FIRE MARSHAL.
- 4 STRIPE FLOOR FOR DESIGNATED CLEAR ACCESSIBLE PATH (PAINT YELLOW) AND DESIGNATED EMS PANEL CLEARANCE (PAINT RED).
- 4A STRIPE FLOOR FOR DESIGNATED CLEAR ACCESSIBLE PATH (PAINT YELLOW).
- 5 PROVIDE AND INSTALL A TEN GALLON WATER HEATER (OR LARGER IF REQUIRED BY CODE) ABOVE THE MOP SINK.
- 6 METAL STUD WITH 1/2" GYP. BD. SEE WALL SECTIONS AND WALL DETAILS & INTERIOR ELEVATIONS.
- 7 METAL LINER PANELS TO 8'-0" A.F.F. (BY PRE-ENGINEERED BUILDING MANUFACTURER).
- 8 DIMENSIONS ARE TO COLUMN LINE UNLESS OTHERWISE NOTED.
- 9 METAL BUILDING PANELS (BY PRE-ENGINEERED BUILDING MANUFACTURER)
- 10 CONCRETE SLAB WITH STRUCTURAL MINIMUM 6x6xW1.4 WELDED WIRE MESH OVER POLYETHYLENE VAPOR BARRIER (MIN. 10 MM THICK) OVER CRUSHED STONE BASE, TYPICAL, OR EQUAL. PROVIDE CONTROL JOINTS AT 14'-0" ON CENTER EACH WAY MAX. SEE SHT G53 & G52 AND STRUCTURAL DRAWINGS.
- 11 METAL BUILDING FRAME. REFER TO DETAIL 2/A3 FOR ADDITIONAL INFORMATION.
- 12 METAL LINER PANELS (28/29 GAUGE) WITH 1/2" GYPSUM BOARD. SEE INTERIOR ELEVATIONS ON SHEET A4. PROVIDE R-13 METAL BUILDING INSULATION.
- 13 8" SPLIT FACED CMU PAINTED SW #7037 BALANCED BEIGE. ALIGN FACE OF BLOCK WITH STEEL GIRT. PROVIDE PROPER ANCHORAGE TO STRUCTURE.
- 14 SLOPE CONCRETE 1/8" PER FOOT AWAY FROM BUILDING.
- 15 COORDINATE CONCRETE SIDEWALK WITH CIVIL AND BROOM FINISH TYP.
- 16 BRONZE STOREFRONT SYSTEM. REFER TO SHEETS A4 AND A5 FOR ADDITIONAL INFORMATION. CONTINUE METAL LINER PANELS TO DECK.
- 17 LINE OF SOFFIT OR CANOPY ABOVE.
- 18 FLUSH CONCRETE & ASPHALT AT ENTRANCE AREA WITH PIPE BOLLARDS. NO VERTICAL CURB. REFER TO CIVIL.
- 19 MC CUE CART AND BUMPER GUARDS 3'-5" A.F.F., ORDER TRIMKIT FOR THIS PROTOTYPE.
- 20 WALL HYDRANT. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- 21 ROUND STEEL PIPE COLUMN WITH RECESSED BASE PLATE-PAINT SECOND CONCRETE POUR SW6991 BLACK MAGIC. PAINT STEEL COLUMN SW7005 PURE WHITE. WRAP COLUMN WITH TIGHT LOOP CARPET (BLACK) 48" HIGH AT BASE.
- 22 WALL OUTLETS OR J-BOXES BANKS OF COOLERS AND FREEZERS. SEE ELECTRICAL FOR DETAILS. POWER TO BE 11" FROM RIGHT SIDE OF UNITS AS YOU FACE UNITS FROM THE SALES AREA.
- 23 NOT USED.
- 24 NOT USED.
- 25 NOT USED.
- 26 MAINTAIN 2" AIR GAP BETWEEN THE REACH IN COOLER / FREEZER AND THE WALL FOR VENTILATION.
- 27 REFRIGERATION BY DOLLAR GENERAL.
- 28 FREESTANDING COOLER/FREEZER (INCLUDING PRODUCE COOLER AND DISPLAY LIGHTING TO BE HARDWIRED THROUGH SO CORD WITH DUPLEX AT END. GC TO LEAVE BOTTOM OF CORD HANGING AT 80" A.F.F. (SEE ELECTRICAL). SO CORD ANCHORED TO PURLINS ABOVE. COORDINATE LOCATION WITH FINAL DOLLAR GENERAL FIXTURE PLAN.
- 29 POWER POLE. COORDINATE FINAL LOCATION WITH FINAL DOLLAR GENERAL FIXTURE PLAN (F1).
- 30 MC CUE RAILING IN FRONT OF ELECTRICAL PANEL. 8'-0" LONG WITH TWO TOP RAILINGS WITH NO MIDDLE POST.
- 31 NON-REFRIGERATION EQUIPMENT (REGISTERS, HIGI KIOSK, ATM, KEYME) BY DOLLAR GENERAL.
- 32 REFRIGERATION AND NON-REFRIGERATION EQUIPMENT ON WALLS TO BE POWERED THROUGH OUTLETS - SEE ELECTRICAL. COORDINATE LOCATION WITH FINAL DOLLAR GENERAL FIXTURE PLAN.



**STORE PLANNING Inc**  
 3080 SENNA DRIVE  
 Matthews, North Carolina 28105  
 Phone: 704-841-7288  
 Fax: 704-849-6997



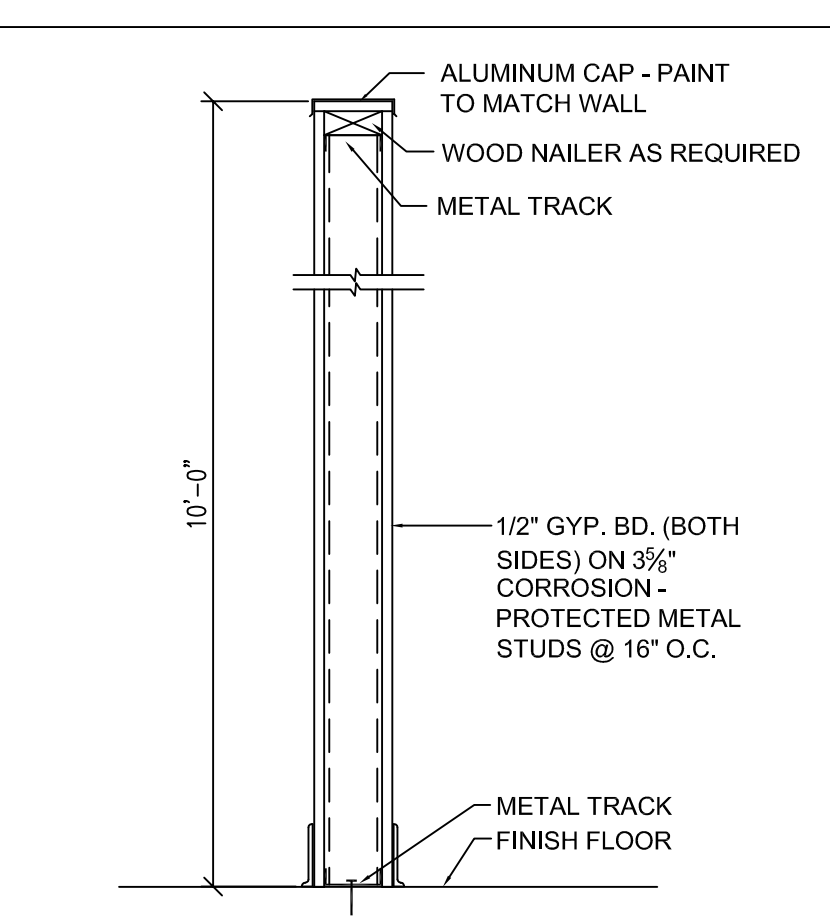
#	DATE	REVISION

**DOLLAR GENERAL #23228**  
**MOLLY PITCHER HIGHWAY**  
**FRANKLIN COUNTY PA**  
**MARION, PA 17235**

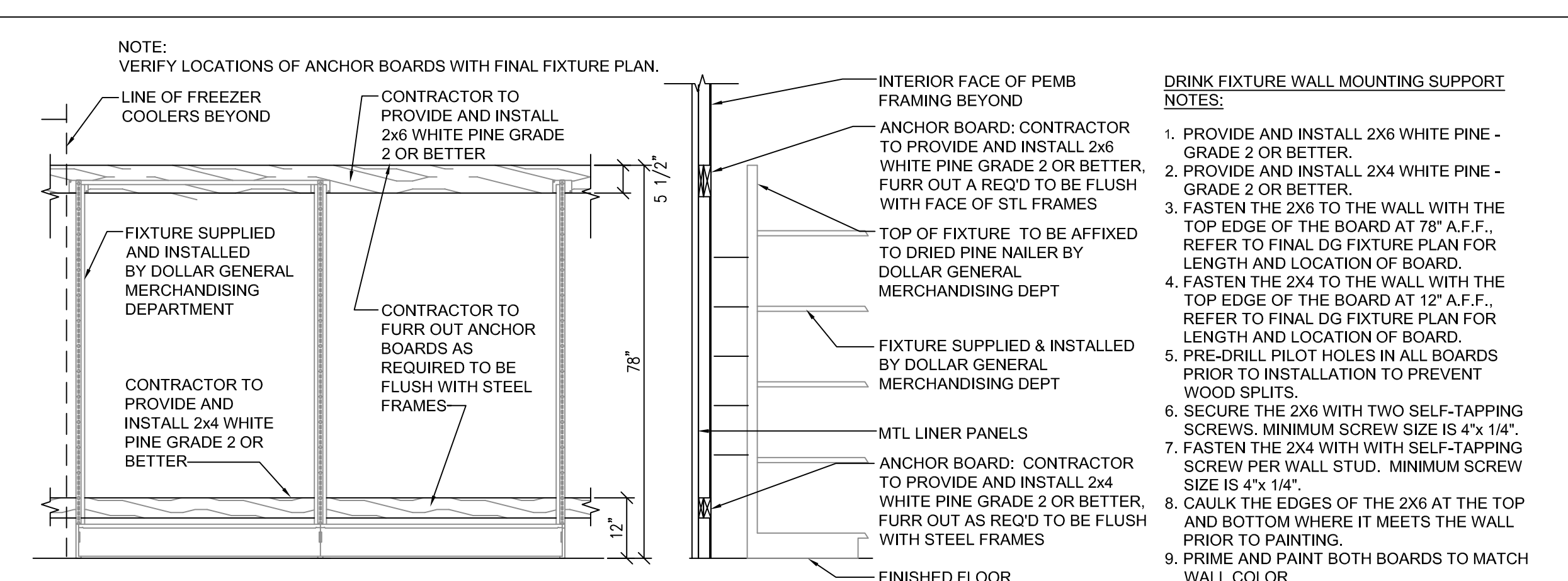
**DOLLAR GENERAL**  
 SHEET TITLE  
**FLOOR PLAN AND DETAILS**

SPI Client	DATE
21017	3-19-21

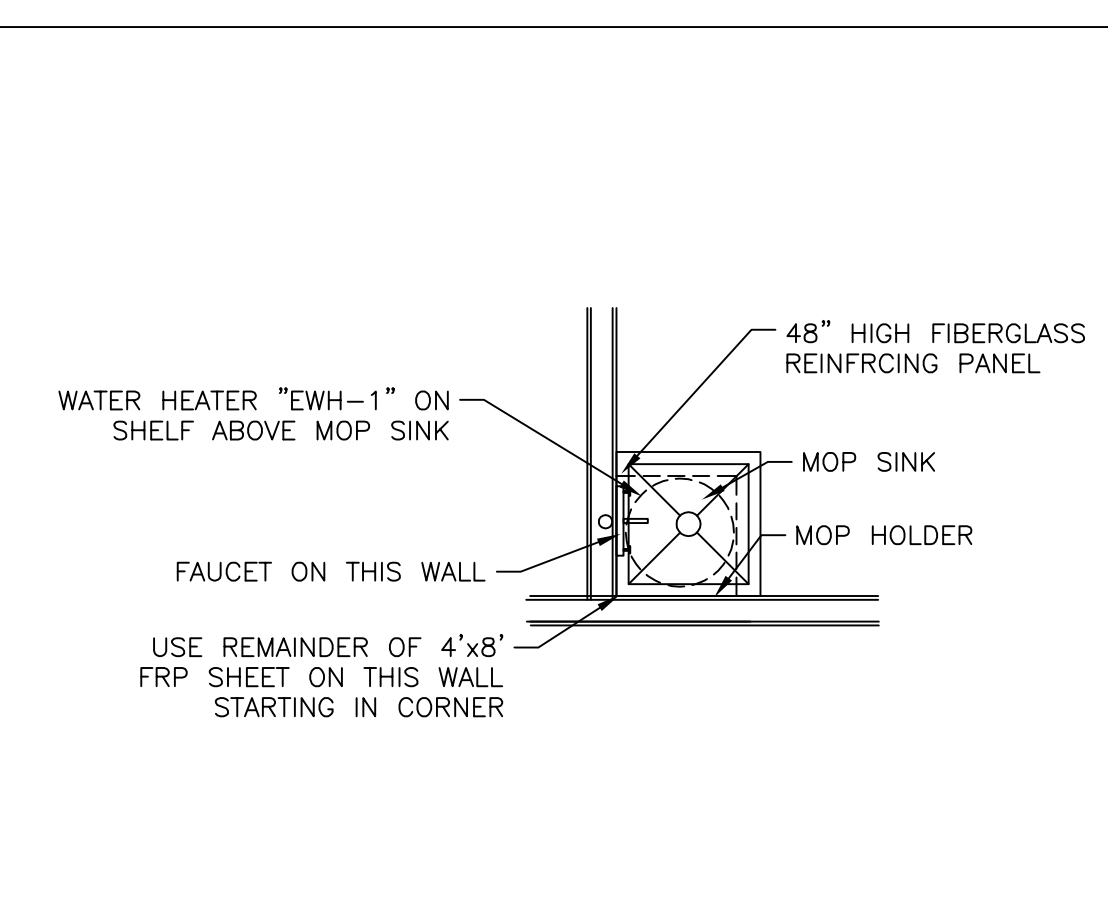
SHEET NUMBER  
**A1**



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



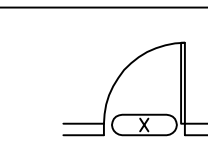
**3 ANCHOR BD DETAILS**  
 1/2" = 1'-0"



**2 ENLARGED PLAN AT MOP SINK**  
 1/8" = 1'-0"

**NOTE:**  
 METAL BUILDING COLUMNS SHALL BE STRAIGHT.

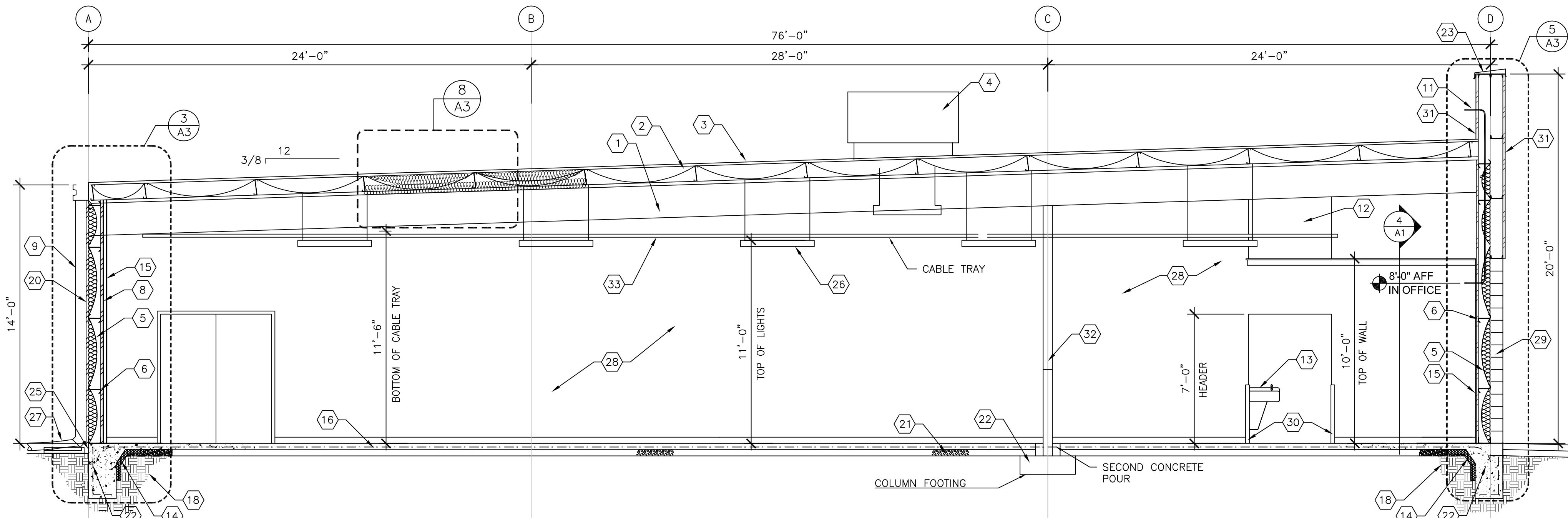
**NOTE:**  
 THE ALLOWABLE CLEAR DISTANCE BEHIND THE SALES FLOOR FIXTURES IS 1-1/2" MAXIMUM TO THE FACE OF DRYWALL. IF IT IS LARGER THAN THIS, PROVIDE HORIZONTAL WOOD FURRING STRIPS, PAINTED WALL COLOR, MOUNTED ON THE DRYWALL AT 78" AFF TO THE TOP OF THE STRIP TO REDUCE THE GAP TO LESS THAN 1-1/2".

**CONSTRUCTION PLAN SYMBOLS**  
 DOOR INSTALLATION. SEE DOOR SCHEDULE ON SHEET A4 FOR MORE INFORMATION.



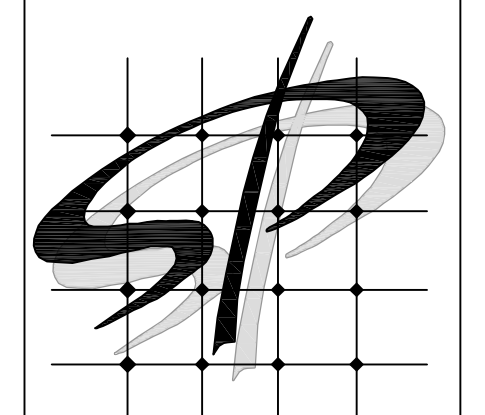






1 BUILDING SECTION  
1/4"=1'-0"

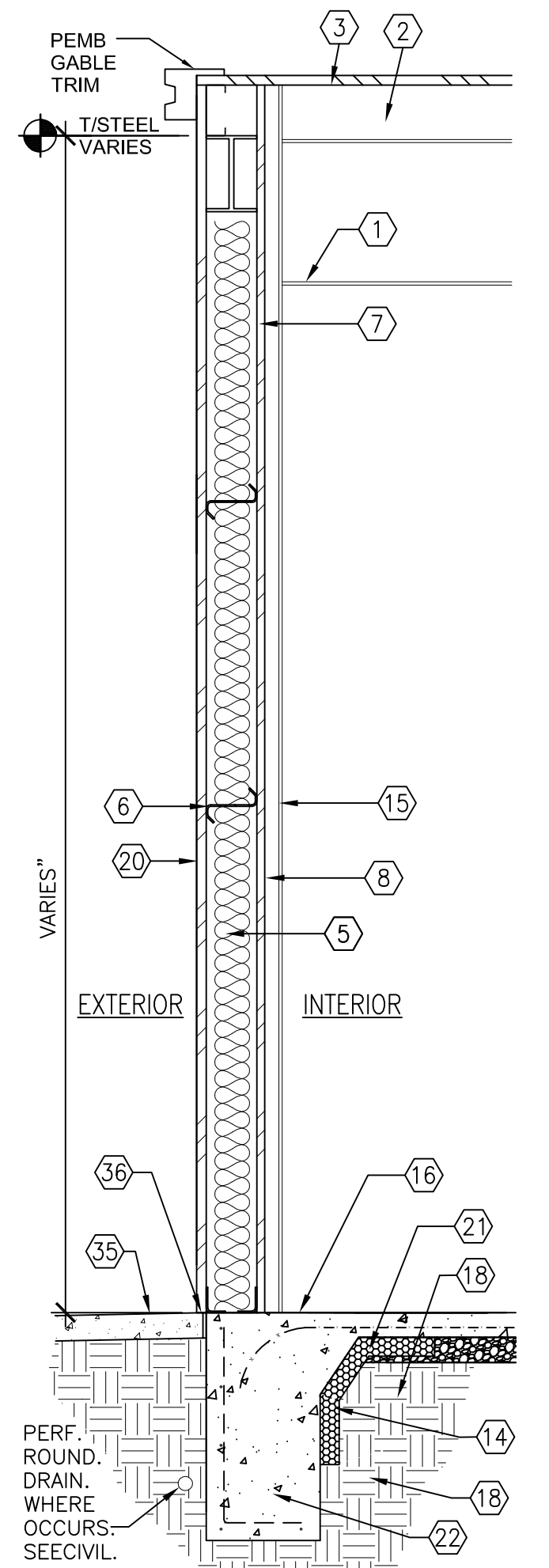
- SECTION KEYED NOTES**
- PRE-ENGINEERED METAL BUILDING SYSTEM BY BUILDING MANUF.
  - MIN. R-19 BATT INSULATION IN TWO LAYERS WITH R-5 THERMAL BLOCKS AT EACH PURLIN. (BY PEMB) - INSULATION SYSTEM TO LEAVE BOTTOM OF PURLINS EXPOSED FOR ATTACHMENTS - "SAG AND BAG" PREFERRED. "LONG TAB/BANDED FILLED CAVITY" ACCEPTABLE.
  - STANDING SEAM METAL ROOF - GALVALUME FINISH.
  - ROOF MOUNTED HVAC UNIT. SEE MECH.
  - R-19 BANDED INSULATION SYSTEM AS REQUIRED BY LOCAL CODE BY METAL BUILDING MANUFACTURER.
  - 8" METAL BUILDING GIRT.
  - VERTICAL METAL LINER PANELS.
  - 1/2" GYPSUM BOARD OVER LINER PANELS (PAINTED). SEE SHEET A4.
  - PRE-FINISHED DOWNSPOUT & GUTTER.
  - PROVIDE METAL CLOSURE, SEAL, AND CAULK TO RODENT PROOF BUILDING.
  - LOCATION OF 1 1/2" CONDUIT WITH PULLSTRING (ABOVE OFFICE) FOR SATELLITE LINE. PROVIDE WEATHERTIGHT SEAL AT HORIZONTAL PENETRATION. CONTRACTOR RESPONSIBLE FOR INSTALLATION OF CONDUIT. EXTEND CONDUIT TO OFFICE.
  - 1/2" GYPSUM BOARD TO DECK.
  - ACCESSIBLE COMPLIANT DRINKING FOUNTAIN. SEE PLUMBING DRAWINGS.
  - 3" TH. R-15 SLAB INSULATION FOR A MIN COVERAGE AREA OF 24"
  - METAL BUILDING COLUMNS SHALL BE STRAIGHT.
  - REIN. CONC. SLAB ON VINYL VAPOR BARRIER.
  - 21"x10" ALUMINUM BI-PART DOOR AND STOREFRONT GLAZING SYSTEM, COLOR BRONZE.
  - UNDISTURBED EARTH AND COMPACTED SUB GRADE.
  - SOFFIT BEYOND PROVIDED BY PRE-ENGINEERED BUILDING MANUF.
  - PRE-FINISHED METAL WALL PANELS.
  - GRANULAR FILL.
  - REINFORCED CONCRETE FOOTING. (REFER TO NOTES ON S2)
  - PRE-FINISHED METAL COPING.
  - STOREFRONT SIGN (BY DOLLAR GENERAL).
  - FINISH GRADE TO BE MINIMUM OF 6" BELOW FINISHED FLOOR AT ALL NONPAVED AREAS.
  - LIGHTING - SEE ELECTRICAL DRAWINGS.
  - WHERE NO SIDEWALK EXISTS, MIN. 5' LONG 4" PERFORATED LANDSCAPE PIPE, STRAPPED TO A 12"x24" CONCRETE SPLASHBLOCK.
  - INTERIOR WALL - PAINTED - SEE ROOM SCHEDULE FOR MORE INFO
  - 8" SPLIT-FACED CMU PAINTED SW 7037 "BALANCED BEIGE". ALIGN FACE OF BLOCK WITH STEEL GIRT. PROVIDE PROPER ANCHORAGE TO STRUCTURE.
  - MC CUE TRIM KIT.
  - PRE-FINISHED METAL FASCIA PANEL.
  - METAL COLUMN. WRAP WITH CARPET TO 48" HIGH AT BASE.
  - CABLE TRAY - SEE RCP
  - 20"x30" MINIMUM ACCESS PANEL FOR SIGNAGE JUNCTION BOX. COORDINATE LOCATION W/ ELEC. DRAWINGS & SIGNAGE VENDOR.
  - CONCRETE SIDEWALK
  - 1/2" EXPANSION JOINT CONT.
  - FRT WOOD BLOCKING. COORD W. PEMB AND SIGN INSTALLATION.
  - 3-5/8" LIGHT GA METAL STUDS W/CLIP ANGLES. SEE STRUCT.



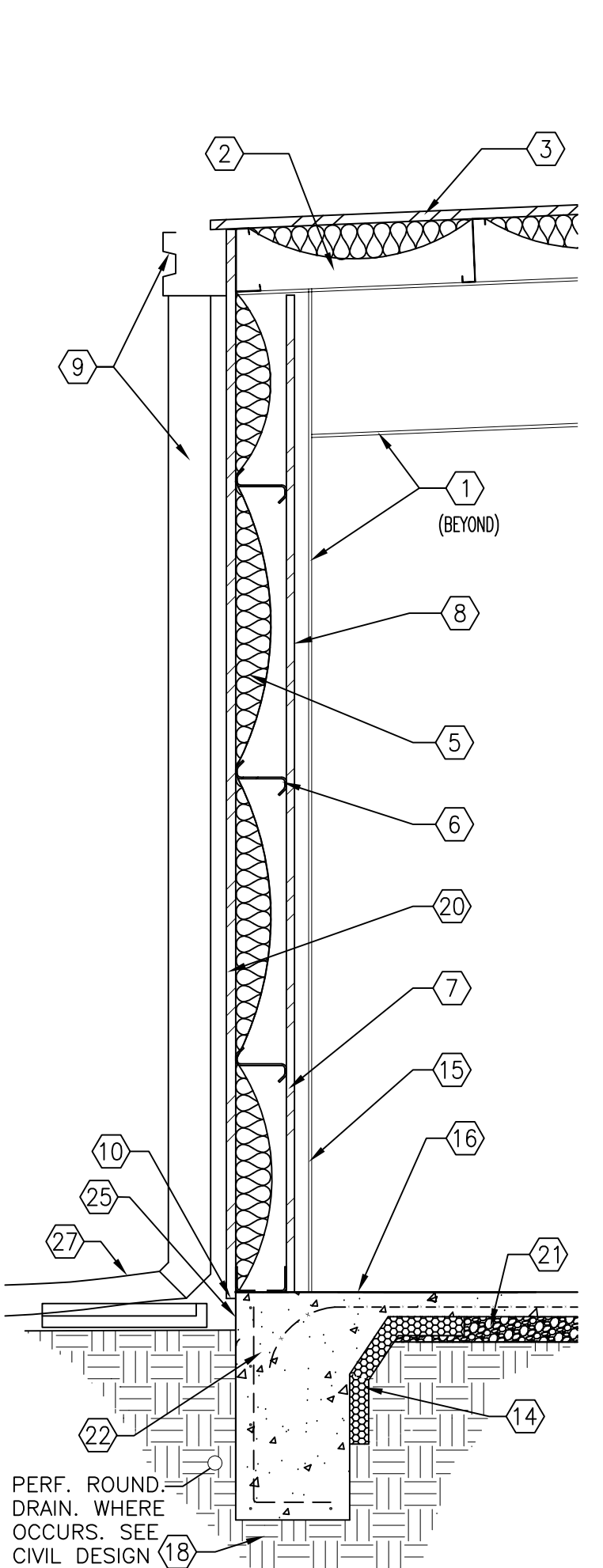
STORE PLANNING Inc  
3080 SENNA DRIVE  
Matthews, North Carolina 28105  
Phone: 704-841-7288  
Fax: 704-849-6997



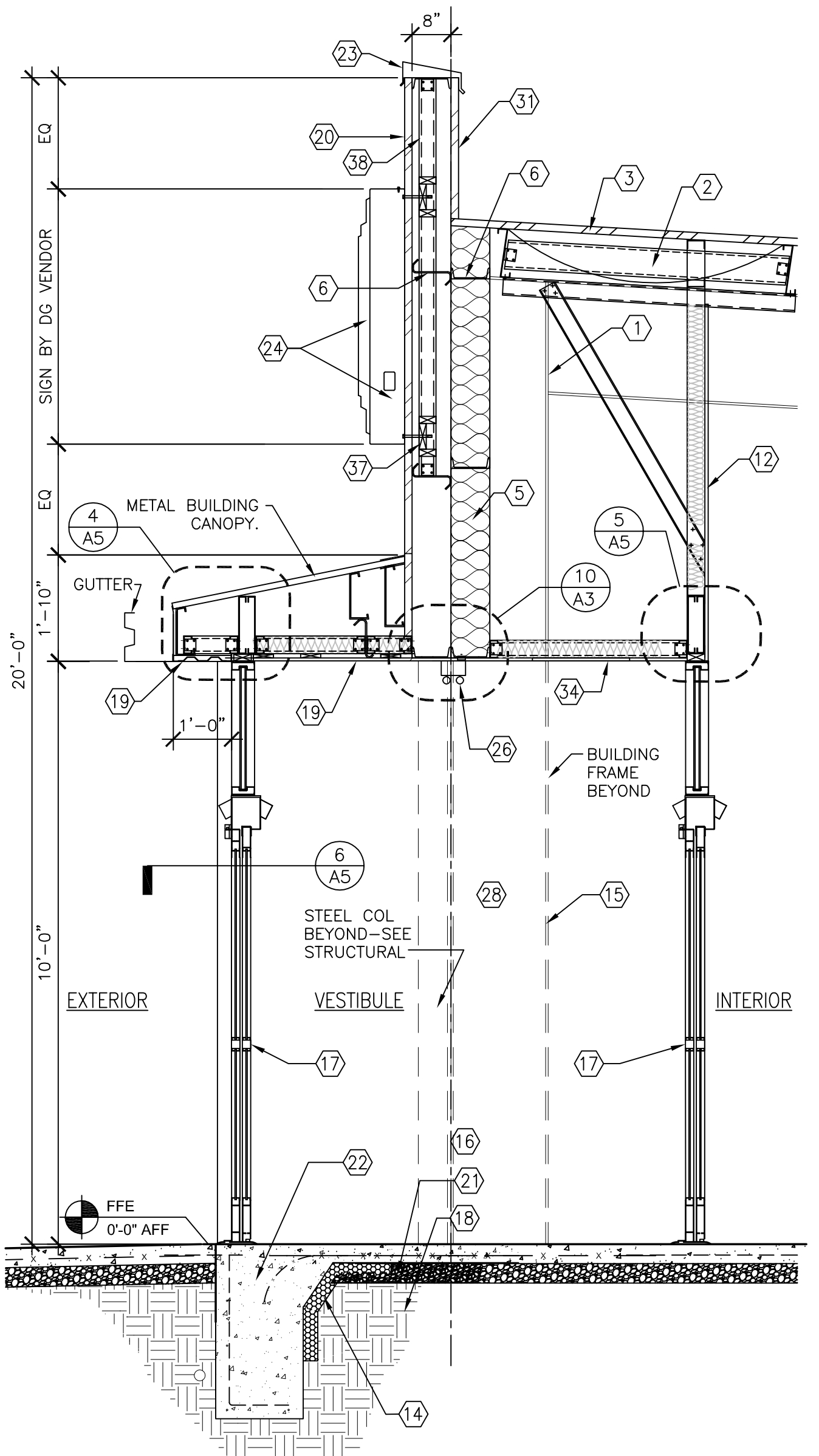
#	DATE	REVISION



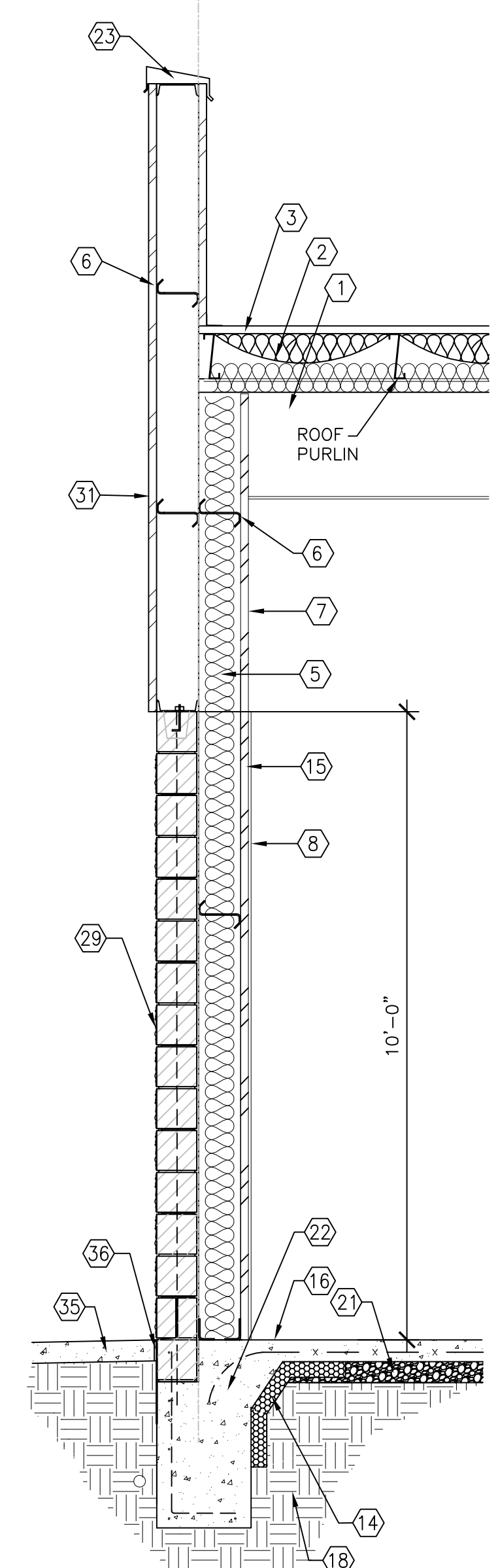
2 SIDE WALL SECT.  
1/2"=1'-0"



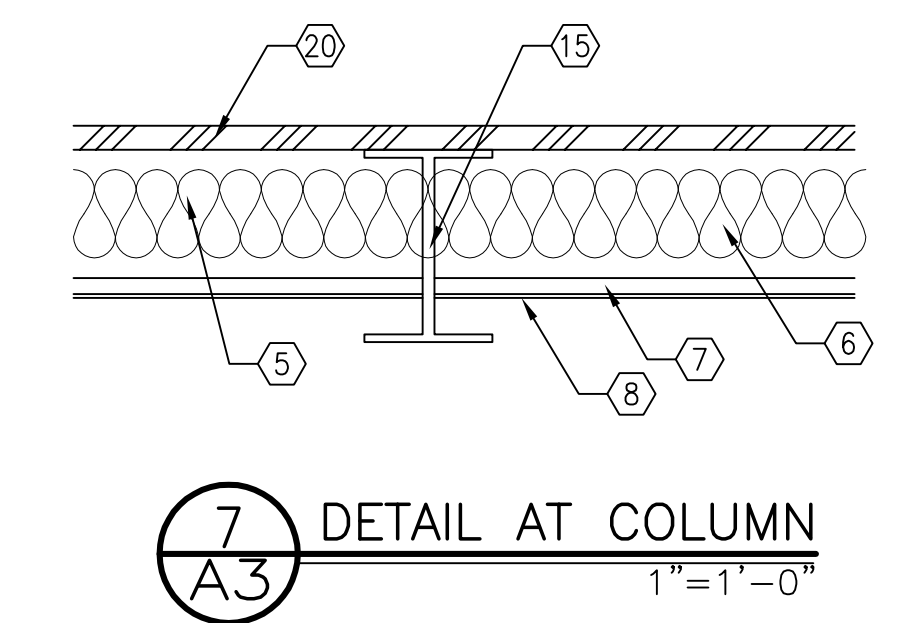
3 REAR WALL SECTION  
1/2"=1'-0"



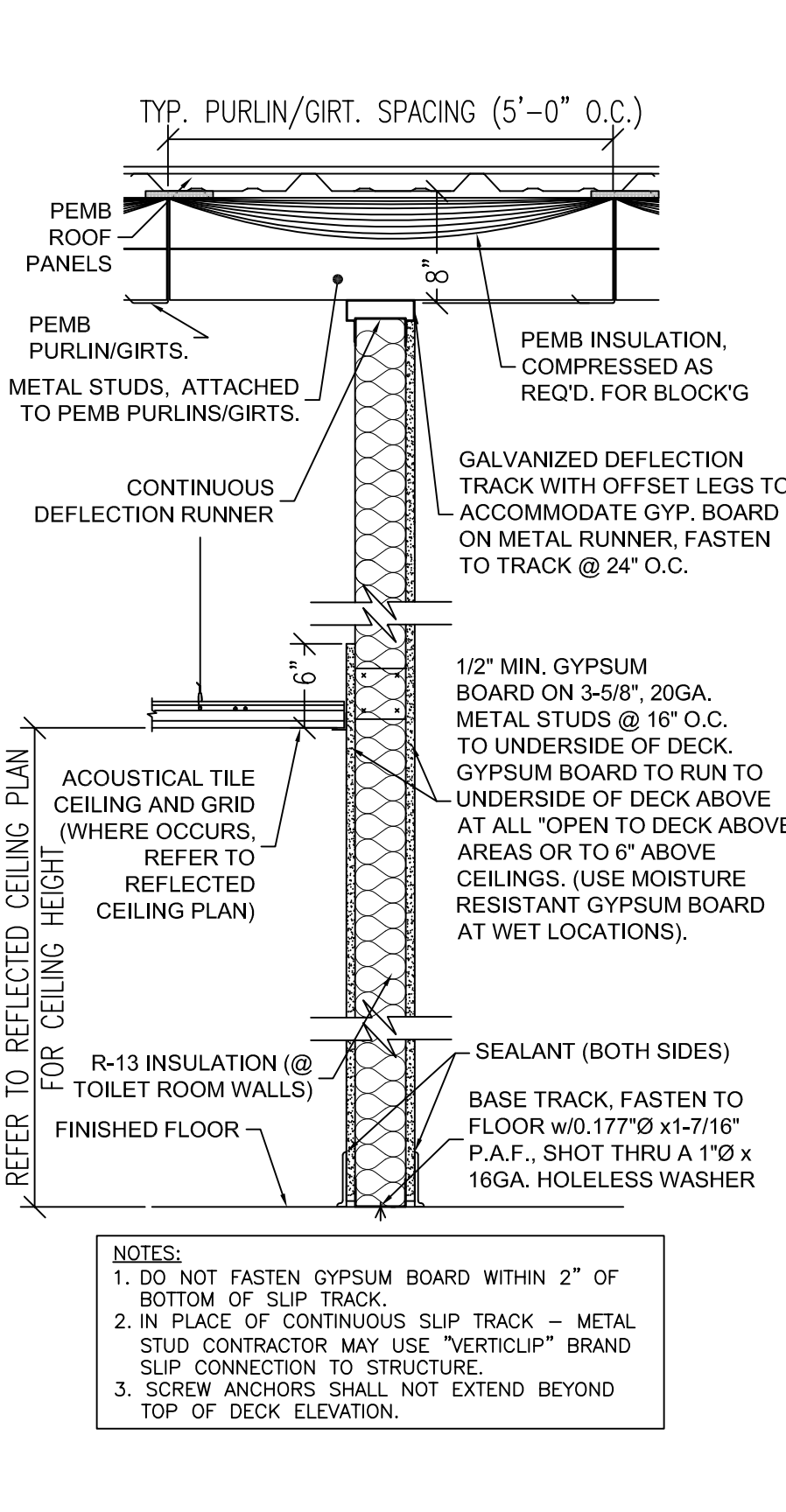
4 ENTRANCE SECTION  
1/2"=1'-0"



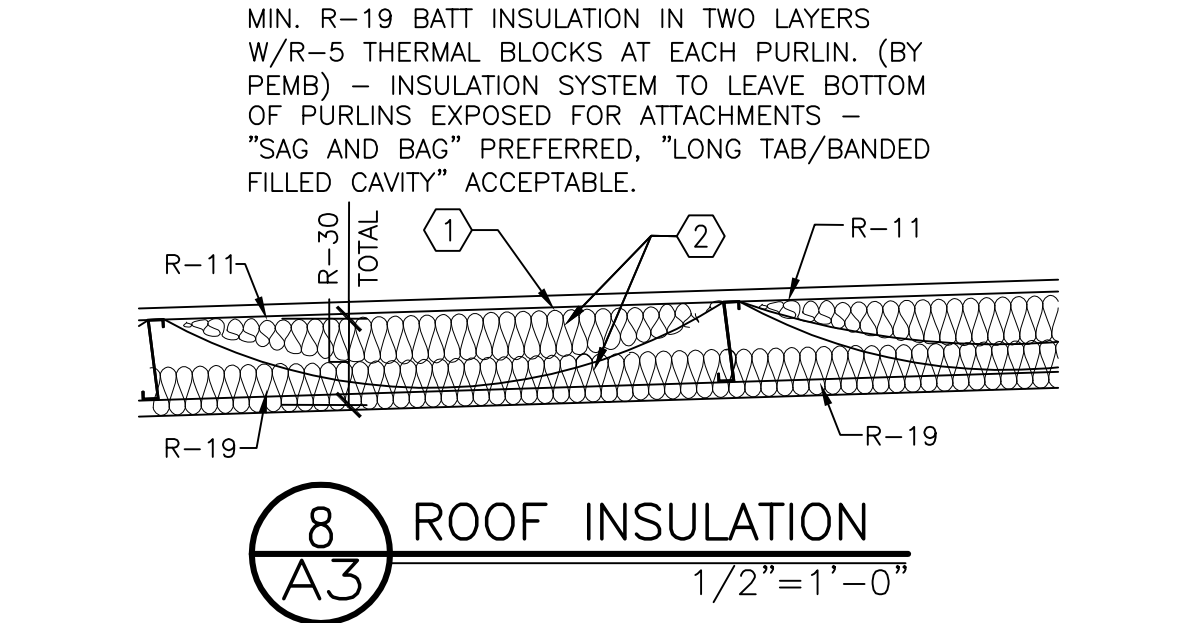
5 FRONT WALL SECT.  
1/2"=1'-0"



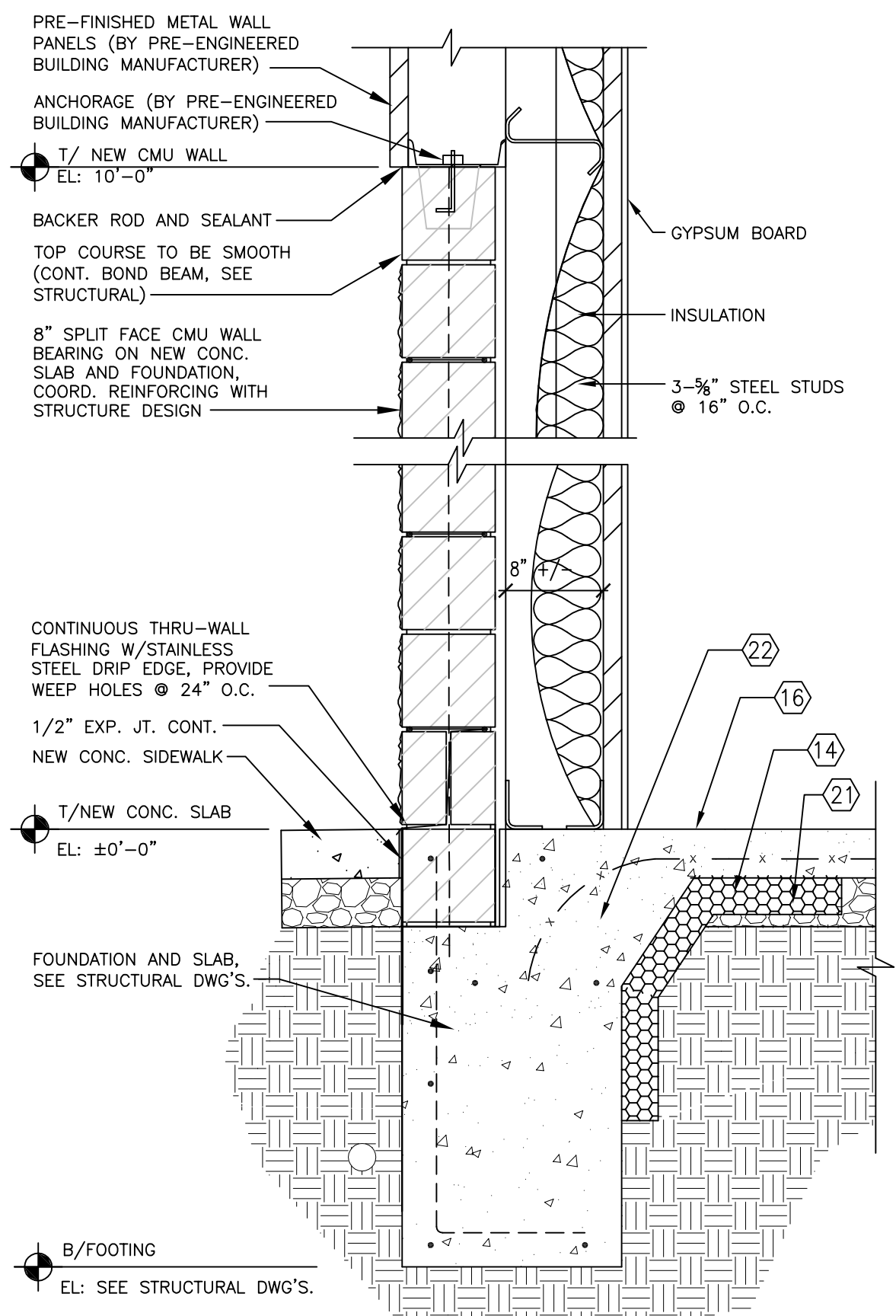
7 DETAIL AT COLUMN  
1"=1'-0"



6 INTERIOR PARTITION  
1"=1'-0"



8 ROOF INSULATION  
1/2"=1'-0"



9 WALL DETAIL  
1/2"=1'-0"

DOLLAR GENERAL #23228  
MOLLY PITCHER HIGHWAY  
FRANKLIN COUNTY PA  
MARION, PA 17235

**DOLLAR GENERAL**

SECTIONS & DETAILS

SHEET TITLE

SPI Client	DATE
21017	3-19-21

SHEET NUMBER

A3



**FINISH CLASSIFICATIONS**

INTERIOR FINISH CLASSIFICATIONS  
PER SBC 803.11, 804 & 2015 NFPA 101, 10 & 30

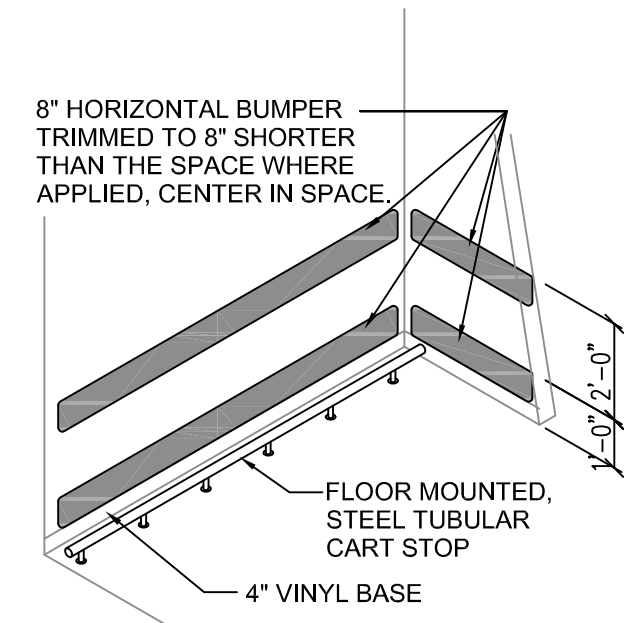
FLAME SPREAD	DESCRIPTION
CLASS II - FLOOR	CONCRETE
CLASS C - WALLS	FRP - MARLITE P100
CLASS C - WALLS & CEILING	COVE BASE - VINYL PAINT
CLASS C - CEILING	ACOUSTICAL CEILING

MIN. REQUIREMENTS MERCANTILE OCCUPANCY  
CLASS II - FLOORS  
CLASS C - WALLS  
CLASS C - CEILINGS

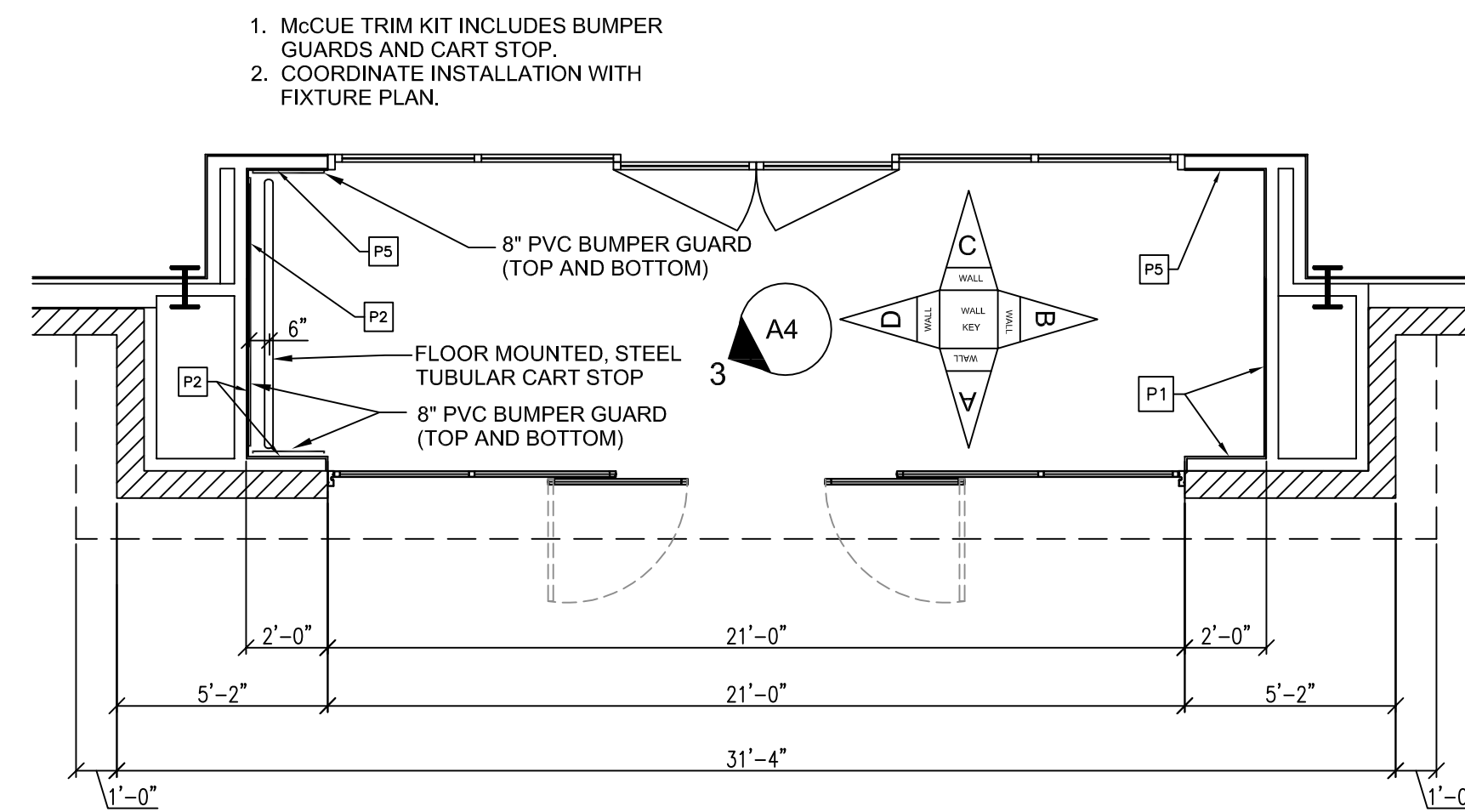
CLASS A IS GREATER THAN CLASS C  
CLASS A IS GREATER THAN CLASS C

COMPLIANCE SUMMARY:  
ALL FINISHES EXCEED THE MINIMUM INTERIOR FINISH CLASSIFICATIONS REQUIRED BY APPLICABLE CODES.

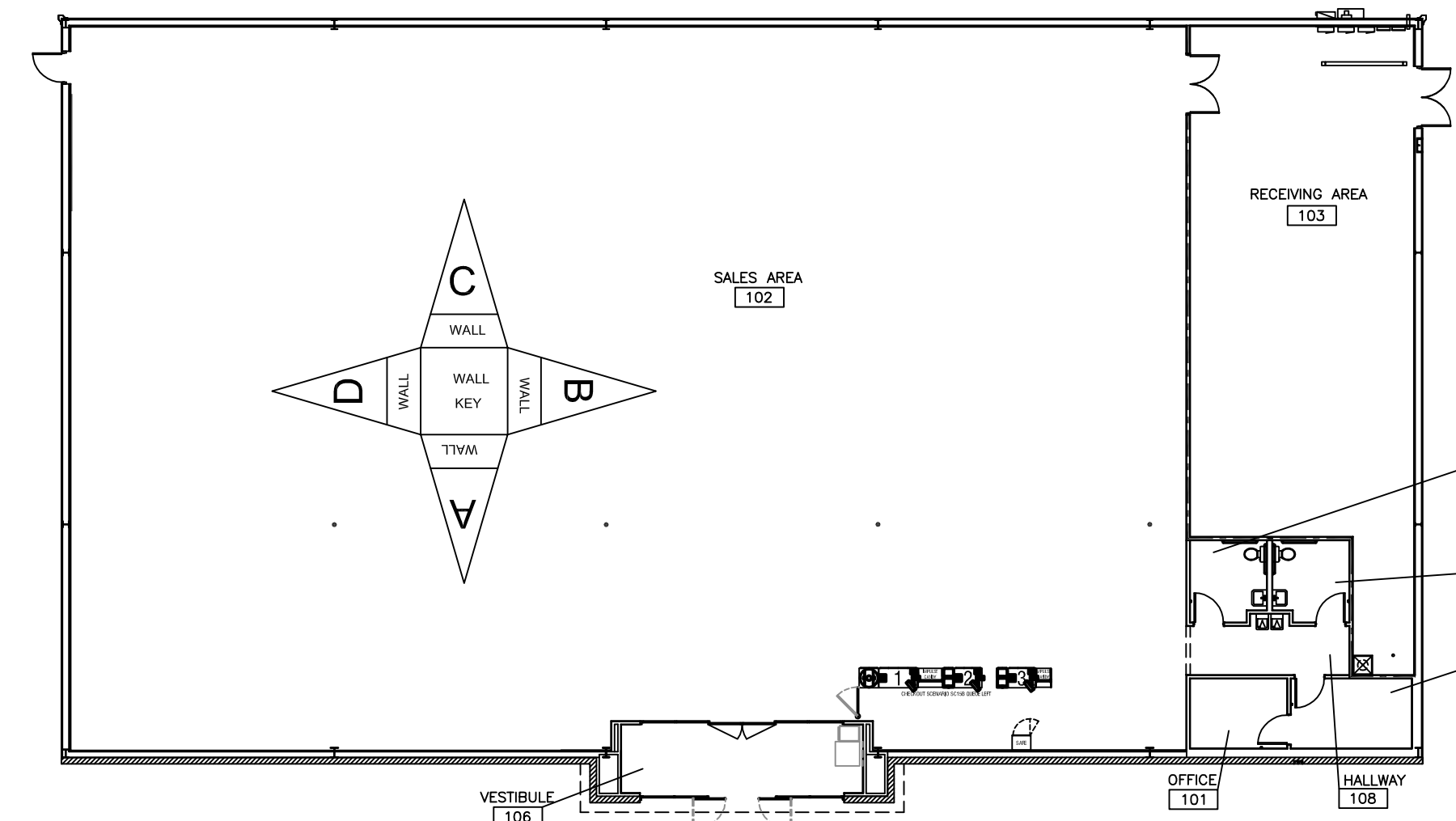
NO	ROOM NAME	FLOOR		BASE		A WALL		B WALL		C WALL		D WALL		CEILING	CEILING	REMARKS		
		MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH			
100	BREAK ROOM	CONCRETE FLOOR SEALED	CONCRETE WITH SEALER	4" RUBBER / VINYL BASE	BLACK	GYPSUM BOARD TO 10'-0" A.F.F. WHITE METAL LINER PANELS ABOVE	SHERWIN WILLIAMS - SW7005-PURE WHITE, PRO-MAR LATEX SEMI-GLOSS.	GYPSUM BOARD TO 10'-0" A.F.F. WHITE METAL LINER PANELS ABOVE	SHERWIN WILLIAMS - SW7005-PURE WHITE, PRO-MAR LATEX SEMI-GLOSS.	GYPSUM BOARD TO 10'-0" A.F.F. AT HALLWAY, TO DECK AT RECEIVING AREA	SHERWIN WILLIAMS - SW7005-PURE WHITE, PRO-MAR LATEX SEMI-GLOSS.	GYPSUM BOARD TO 10'-0" A.F.F.	SHERWIN WILLIAMS - SW7005-PURE WHITE, PRO-MAR LATEX SEMI-GLOSS.	EXPOSED TO STRUCTURE ABOVE	N/A			
101	OFFICE	CONCRETE FLOOR SEALED	CONCRETE WITH SEALER	4" RUBBER / VINYL BASE	BLACK	GYPSUM BOARD TO 10'-0" A.F.F. WHITE METAL LINER PANELS ABOVE	SHERWIN WILLIAMS - SW7005-PURE WHITE, PRO-MAR LATEX SEMI-GLOSS.	GYPSUM BOARD TO 10'-0" A.F.F.	SHERWIN WILLIAMS - SW7005-PURE WHITE, PRO-MAR LATEX SEMI-GLOSS.	GYPSUM BOARD TO 10'-0" A.F.F.	SHERWIN WILLIAMS - SW7005-PURE WHITE, PRO-MAR LATEX SEMI-GLOSS.	GYPSUM BOARD TO 10'-0" A.F.F.	SHERWIN WILLIAMS - SW7005-PURE WHITE, PRO-MAR LATEX SEMI-GLOSS.	EXPOSED TO STRUCTURE ABOVE	N/A			
102	SALES AREA	CONCRETE FLOOR POLISHED (STEPS 1-9)	POLISHED CONCRETE WITH SEALER	4" RUBBER / VINYL BASE	BLACK			REFER TO INTERIOR ELEVATIONS BELOW								EXPOSED TO STRUCTURE ABOVE	N/A	SEE INTERIOR ELEVATIONS
103	RECEIVING AREA	CONCRETE FLOOR SEALED	CONCRETE WITH SEALER	N/A	N/A	GYPSUM BOARD TO ROOF DECK.	TAPED, PAINTED AS REQUIRED BY CODE. MTL. LINER PANEL TO DECK AS ALTERNATE	METAL LINER PANEL FROM FLOOR TO 8'-0" AFF	WHITE	METAL LINER PANEL FROM FLOOR TO 8'-0" AFF	WHITE	GYPSUM BOARD TO ROOF DECK.	TAPED, PAINTED AS REQUIRED BY CODE. MTL. LINER PANEL TO DECK AS ALTERNATE	EXPOSED TO STRUCTURE ABOVE	N/A	FINISH ALL WALLS TO THE ROOF DECK		
104	WOMENS	CONCRETE FLOOR SEALED	SHERWIN WILLIAMS ACRYLIC SILICONE SILK CHOCOLATE HC-117.	4" RUBBER / VINYL BASE	BLACK	GYPSUM BOARD TO 8'-0" A.F.F.	8'-0" HIGH FIBERGLASS REINFORCED PANEL - "WHITE"	GYPSUM BOARD TO 8'-0" A.F.F.	8'-0" HIGH FIBERGLASS REINFORCED PANEL - "WHITE"	GYPSUM BOARD TO 8'-0" A.F.F.	8'-0" HIGH FIBERGLASS REINFORCED PANEL - "WHITE"	GYPSUM BOARD TO 8'-0" A.F.F.	8'-0" HIGH FIBERGLASS REINFORCED PANEL - "WHITE"	GYPSUM BOARD CEILING @ 8'-0" A.F.F.	WHITE			
105	MENS	CONCRETE FLOOR SEALED	SHERWIN WILLIAMS ACRYLIC SILICONE SILK CHOCOLATE HC-117.	4" RUBBER / VINYL BASE	BLACK	GYPSUM BOARD TO 8'-0" A.F.F.	8'-0" HIGH FIBERGLASS REINFORCED PANEL - "WHITE"	GYPSUM BOARD TO 8'-0" A.F.F.	8'-0" HIGH FIBERGLASS REINFORCED PANEL - "WHITE"	GYPSUM BOARD TO 8'-0" A.F.F.	8'-0" HIGH FIBERGLASS REINFORCED PANEL - "WHITE"	GYPSUM BOARD TO 8'-0" A.F.F.	8'-0" HIGH FIBERGLASS REINFORCED PANEL - "WHITE"	GYPSUM BOARD CEILING @ 8'-0" A.F.F.	WHITE			
106	VESTIBULE (WHEN SHOWN)	POLISHED CONCRETE (STEPS 1-9)	POLISHED CONCRETE WITH SEALER	4" RUBBER / VINYL BASE	BLACK	GYP. BD. TO 10'-0" A.F.F.	SHERWIN WILLIAMS - SW7065-ARGOS, PRO-MAR LATEX SEMI-GLOSS.	GYP. BD. TO 10'-0" A.F.F.	SHERWIN WILLIAMS - SW7065-ARGOS, PRO-MAR LATEX SEMI-GLOSS.	GYP. BD. TO 10'-0" A.F.F.	SHERWIN WILLIAMS - SW6910-DAISEY, PRO-MAR LATEX SEMI-GLOSS.	GYP. BD. TO 10'-0" A.F.F.	SHERWIN WILLIAMS - SW7065-ARGOS, PRO-MAR LATEX SEMI-GLOSS.	EXTERIOR GRADE GYP BD @ 10'-0"	WHITE			
107	NOT USED																	
108	HALLWAY	CONCRETE FLOOR POLISHED (STEPS 1-9)	POLISHED CONCRETE WITH SEALER	4" RUBBER / VINYL BASE	BLACK	GYPSUM BOARD TO 10'-0" A.F.F.	SHERWIN WILLIAMS - SW6991 BLACK MAGIC, PRO-MAR LATEX SEMI-GLOSS TO 48" AFF. SHERWIN WILLIAMS - SW7065 ARGOS, PRO-MAR LATEX SEMI-GLOSS ABOVE 48" AFF.	GYPSUM BOARD TO ROOF DECK	SHERWIN WILLIAMS - SW6991 BLACK MAGIC, PRO-MAR LATEX SEMI-GLOSS TO 48" AFF. SHERWIN WILLIAMS - SW7065 ARGOS, PRO-MAR LATEX SEMI-GLOSS ABOVE 48" AFF.	GYPSUM BOARD TO ROOF DECK	SHERWIN WILLIAMS - SW6991 BLACK MAGIC, PRO-MAR LATEX SEMI-GLOSS TO 48" AFF. SHERWIN WILLIAMS - SW7065 ARGOS, PRO-MAR LATEX SEMI-GLOSS ABOVE 48" AFF.	GYPSUM BOARD TO 10'-0" A.F.F. ON BULKHEAD	SHERWIN WILLIAMS - SW7065-ARGOS, PRO-MAR LATEX SEMI-GLOSS.	EXPOSED TO STRUCTURE ABOVE	N/A			



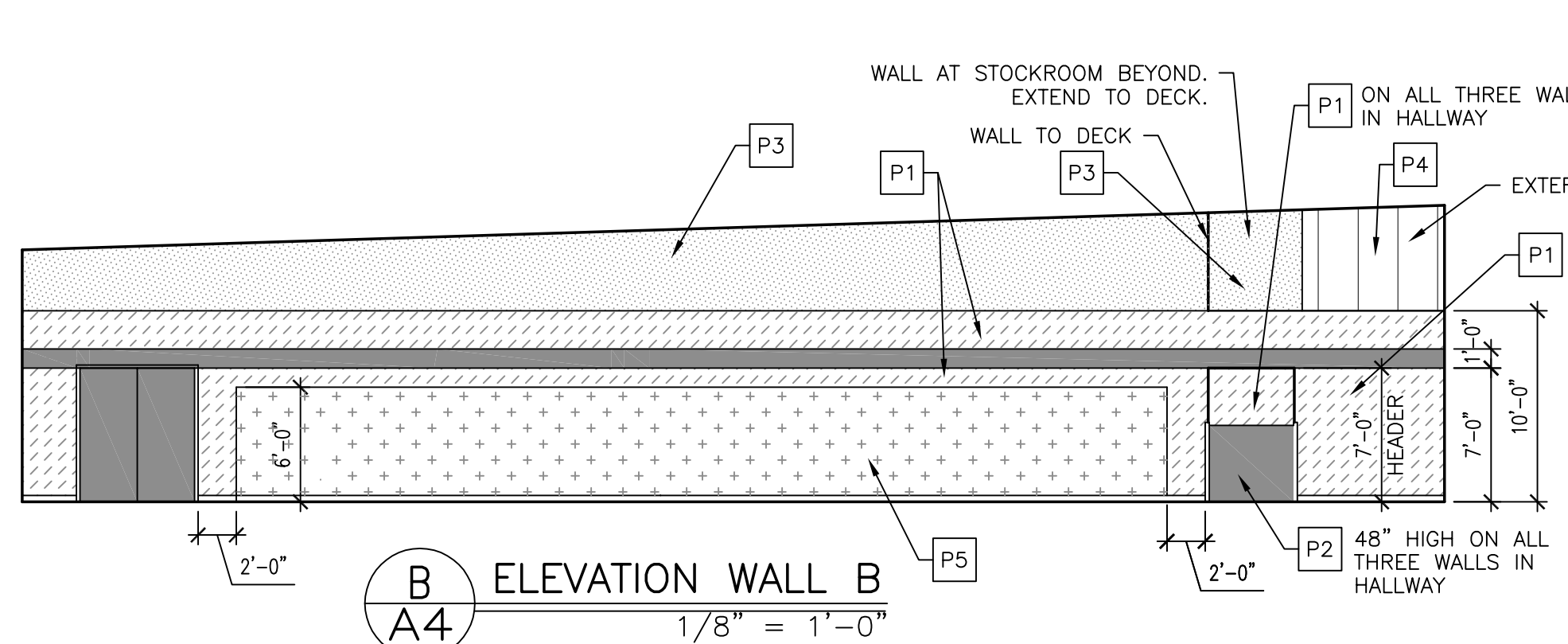
3 CART AREA DETAIL  
A4 NTS



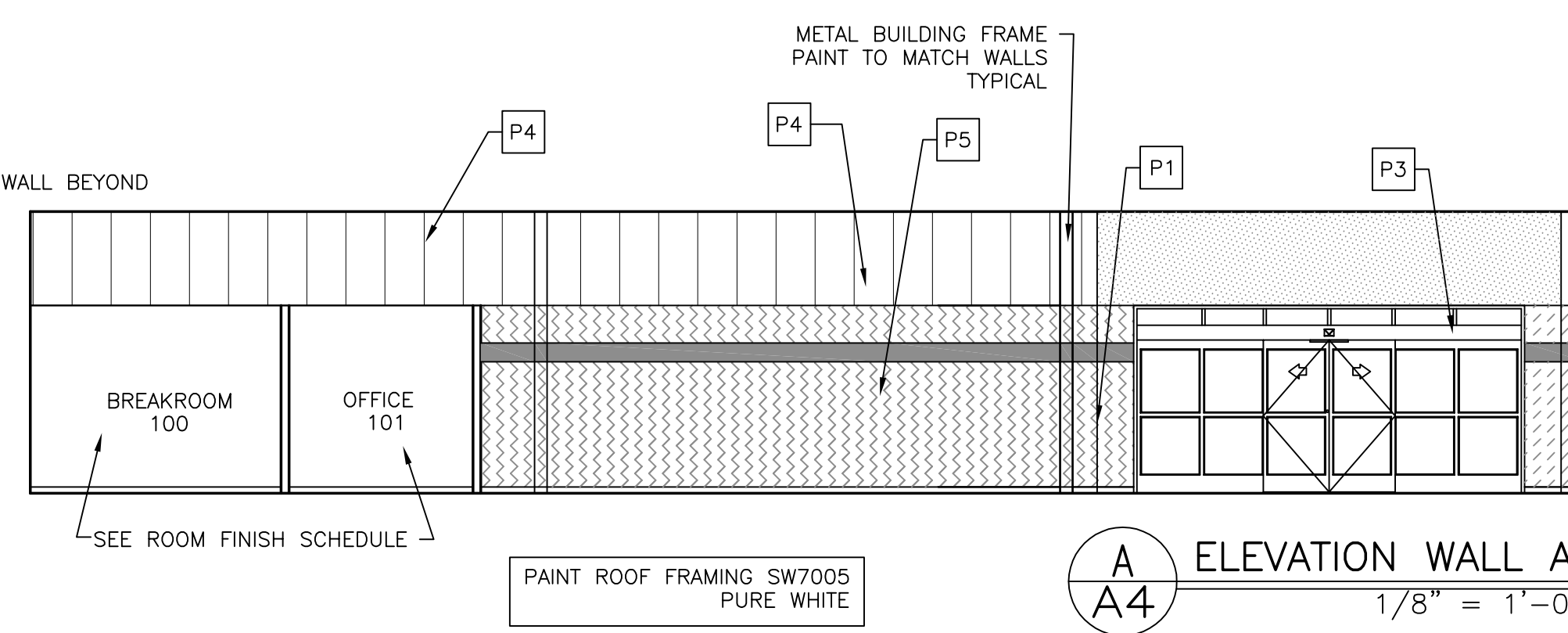
2 ENLARGED ALCOVE PLAN  
A4 1/4" = 1'-0"



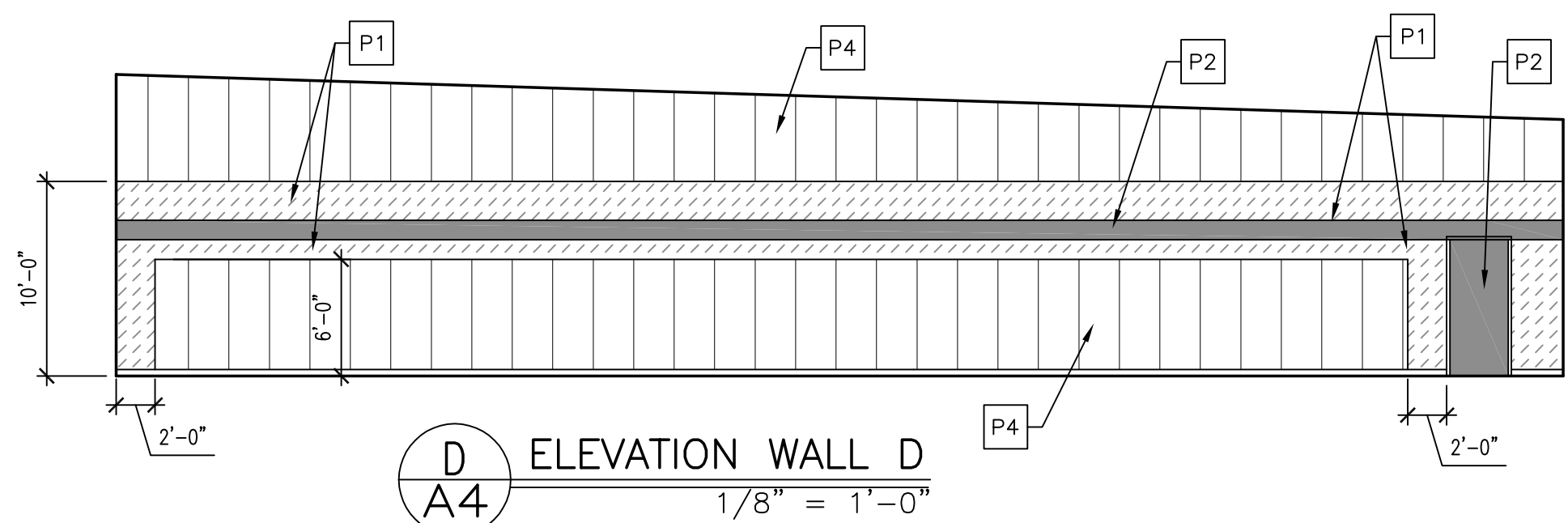
1 FINISH PLAN  
A4 1/16" = 1'-0"



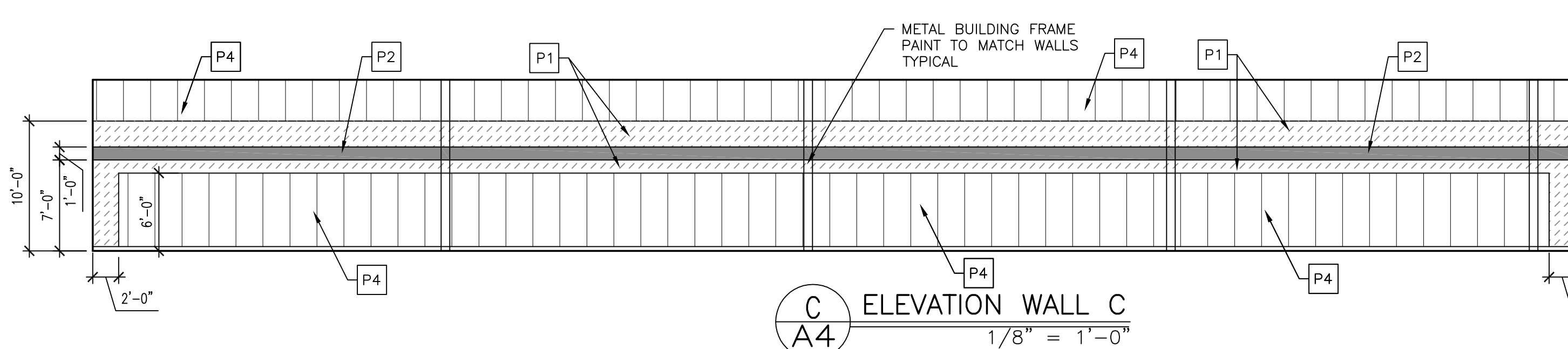
B ELEVATION WALL B  
A4 1/8" = 1'-0"



A ELEVATION WALL A  
A4 1/8" = 1'-0"



D ELEVATION WALL D  
A4 1/8" = 1'-0"



C ELEVATION WALL C  
A4 1/8" = 1'-0"

**WALL PAINT LEGEND**

- P1 SW7065 "ARGOS"
- P2 SW6991 "BLACK MAGIC"
- P3 SW7005 "PURE WHITE"
- P4 EXPOSED PREFINISHED METAL LINER PANELS.
- P5 DENOTES GYPSUM BOARD TAPED AND MUDDED ONLY
- P6 SW6910 "DAISEY"

ALL EXPOSED STRUCTURE AT ROOF TO BE PAINTED SW7005 "PURE WHITE".

STORE PLANNING INC  
3080 SENNA DRIVE  
Mathews, North Carolina 28105  
Phone: 704-841-7288  
Fax: 704-849-6997

REGISTERED ARCHITECT  
T. REESE III  
3/19/21

#	DATE	REVISION

DOLLAR GENERAL #23228  
MOLLY PITCHER HIGHWAY  
FRANKLIN COUNTY PA  
MARION, PA 17235

**DOLLAR GENERAL**

SHEET TITLE  
FINISH SCHEDULE, ELEVATIONS & DETAILS

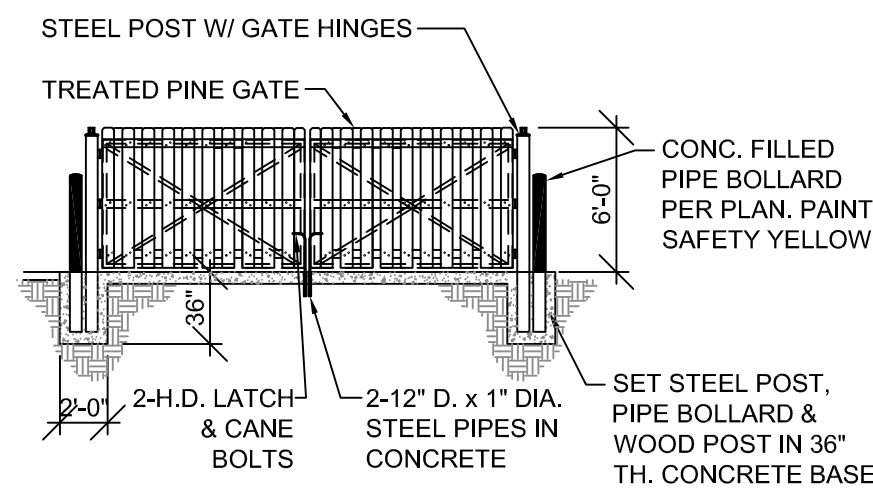
SPI Client	DATE
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SHEET NUMBER  
**A4**

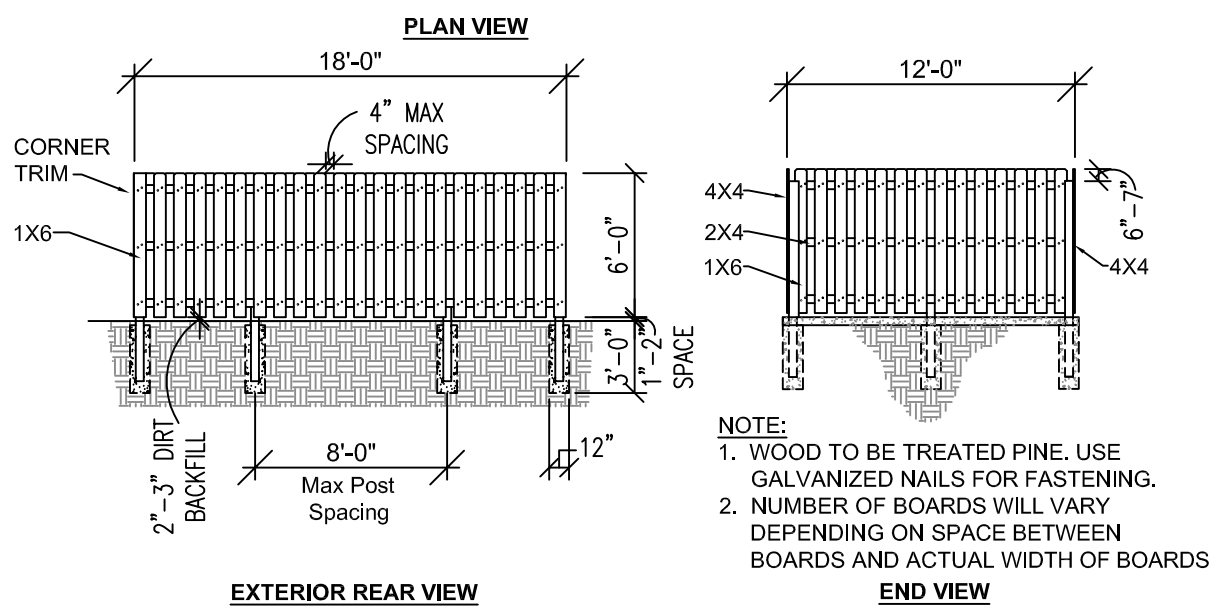
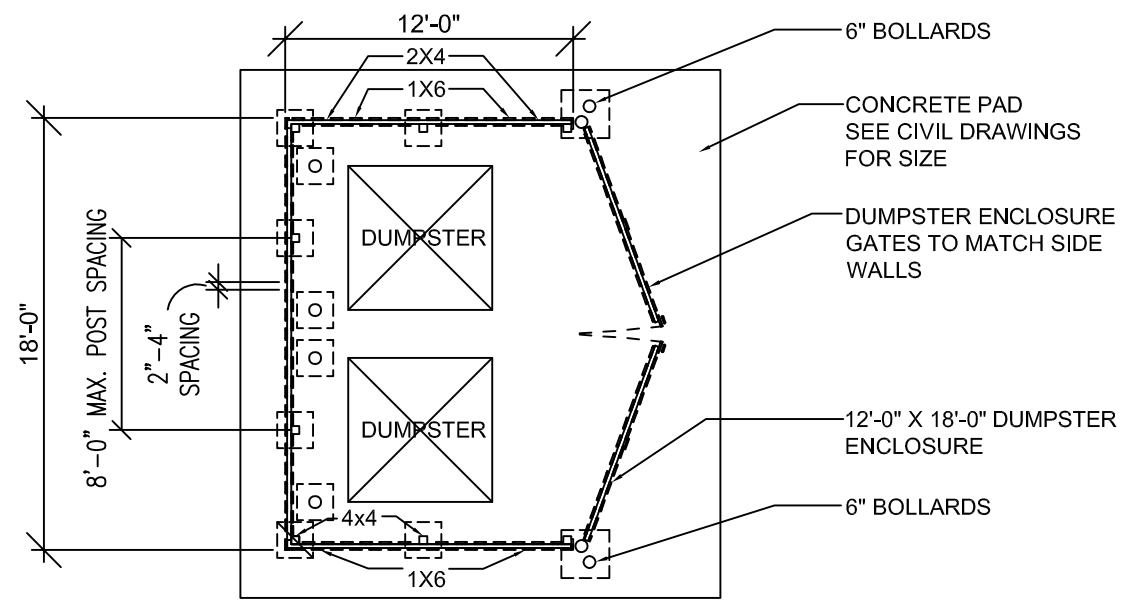


GENERAL CRITERIA  
TREATED PINE (USE GALVANIZED NAILS FOR FASTENING) IF ANY PARCEL OF LAND ADJACENT TO THE DEMISED PREMISES IS EITHER ZONED FOR RESIDENTIAL USE OR IS ACTUALLY BEING USED FOR RESIDENTIAL PURPOSES ("RESIDENTIAL PROPERTY"). LESSOR SHALL CONSTRUCT A PRIVACY FENCE IN ACCORDANCE WITH TENANT'S PROTOTYPE PLANS AND ANY APPLICABLE ORNAMENTAL REQUIREMENTS ALONG ANY PORTION OF THE DEMISED PREMISES BORDERING UPON SUCH RESIDENTIAL PROPERTY.

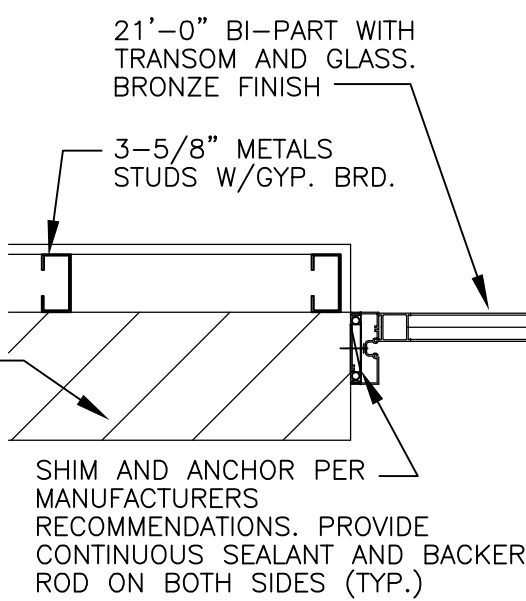
GATE SPEC.  
GATES W/ 2" x 2" x 3/16" GALVANIZED ANGLE FRAME & CROSS BRACING W/ 2" X 4" PT. WOOD FURRING BOLTED TO FRAME & PYSYP 1 x 6 PICKET EXTERIOR FACE (EDGES 3" OFF CONCRETE SLAB)



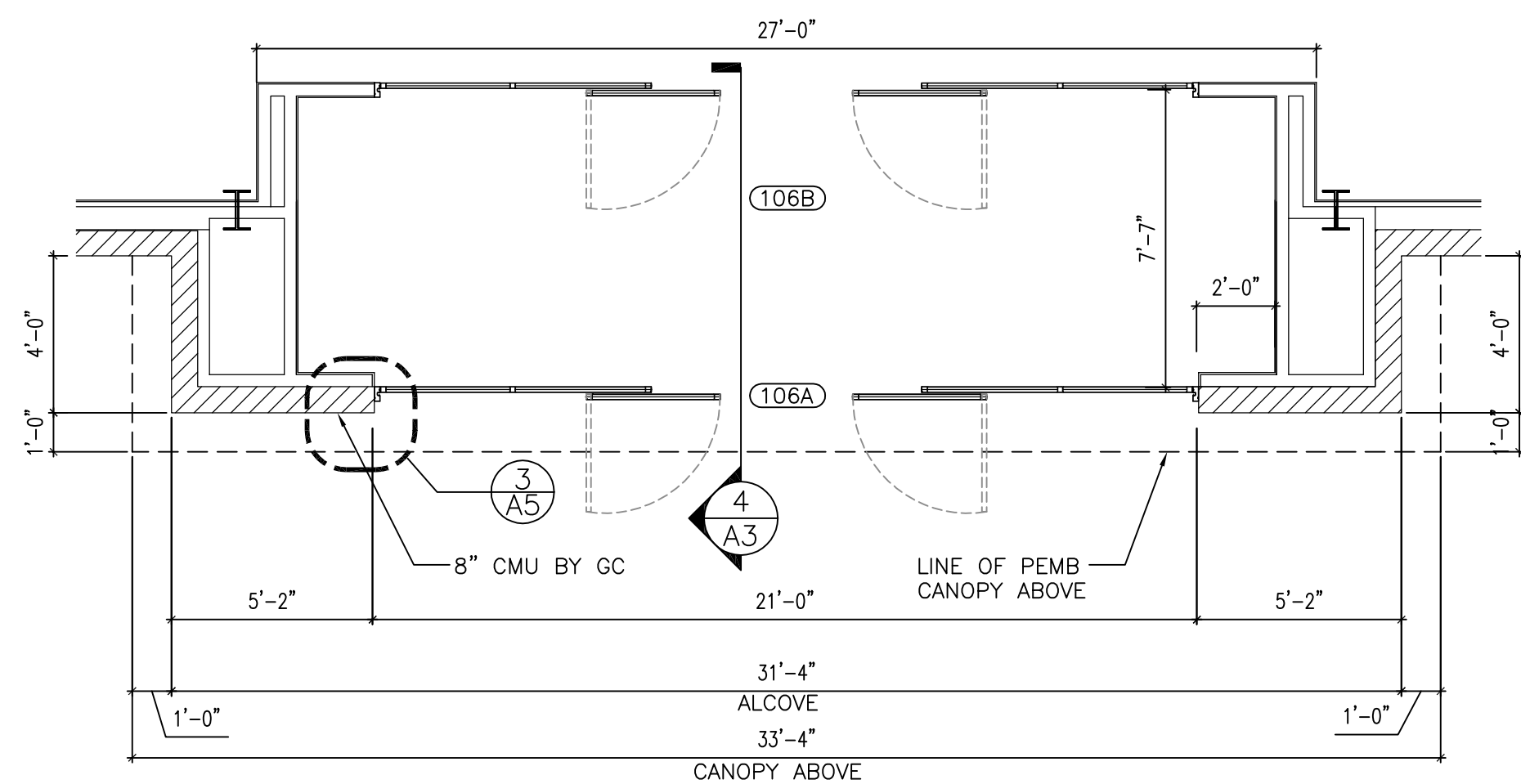
FRONT VIEW



4 DUMPSTER ENCLOSURE DETAIL  
A5 1/8" = 1'-0"



3 CORNER DETAILS  
A5 1" = 1'-0"

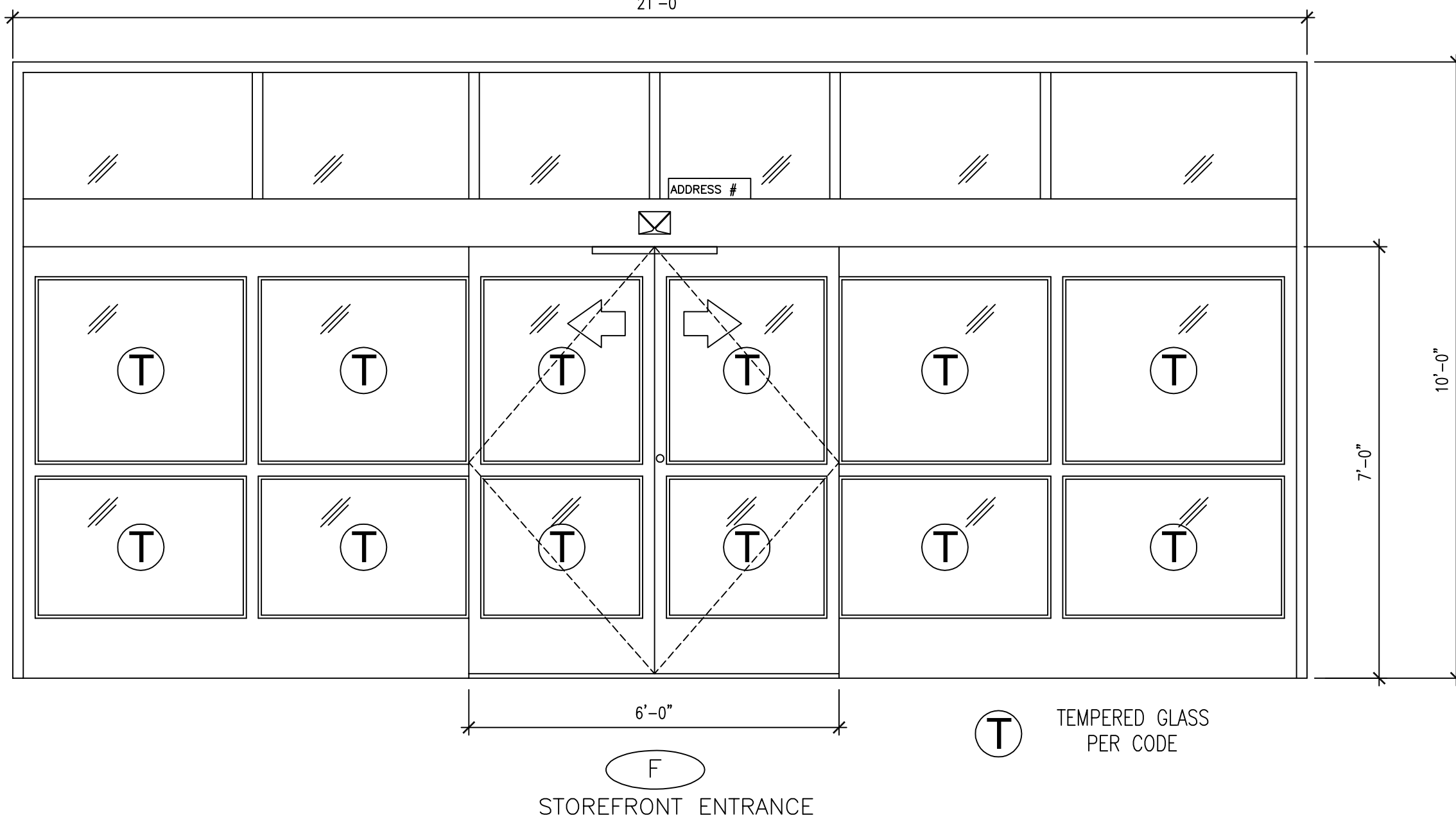
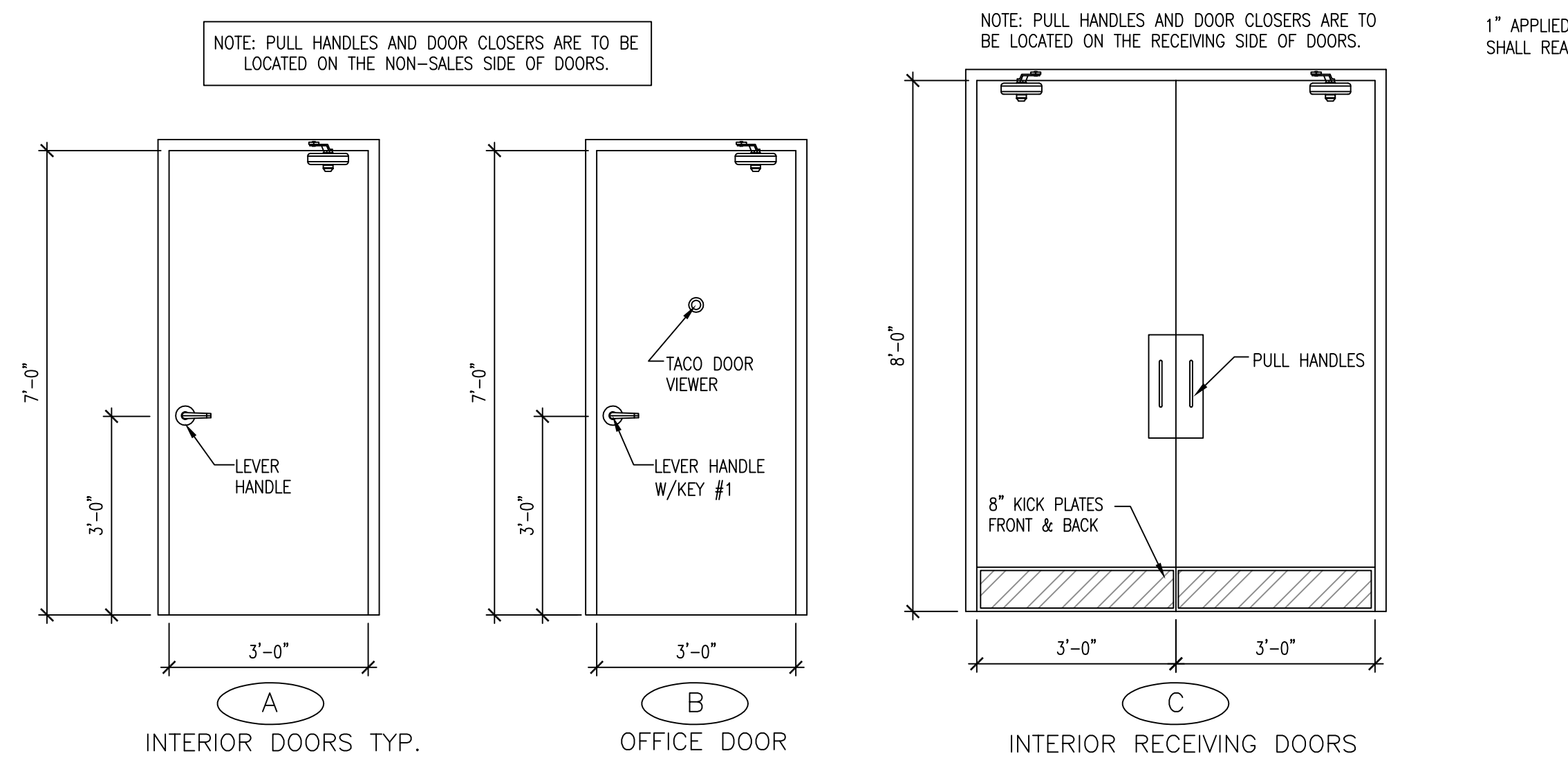


2 VESTIBULE PLAN  
A5 1/4" = 1'-0"

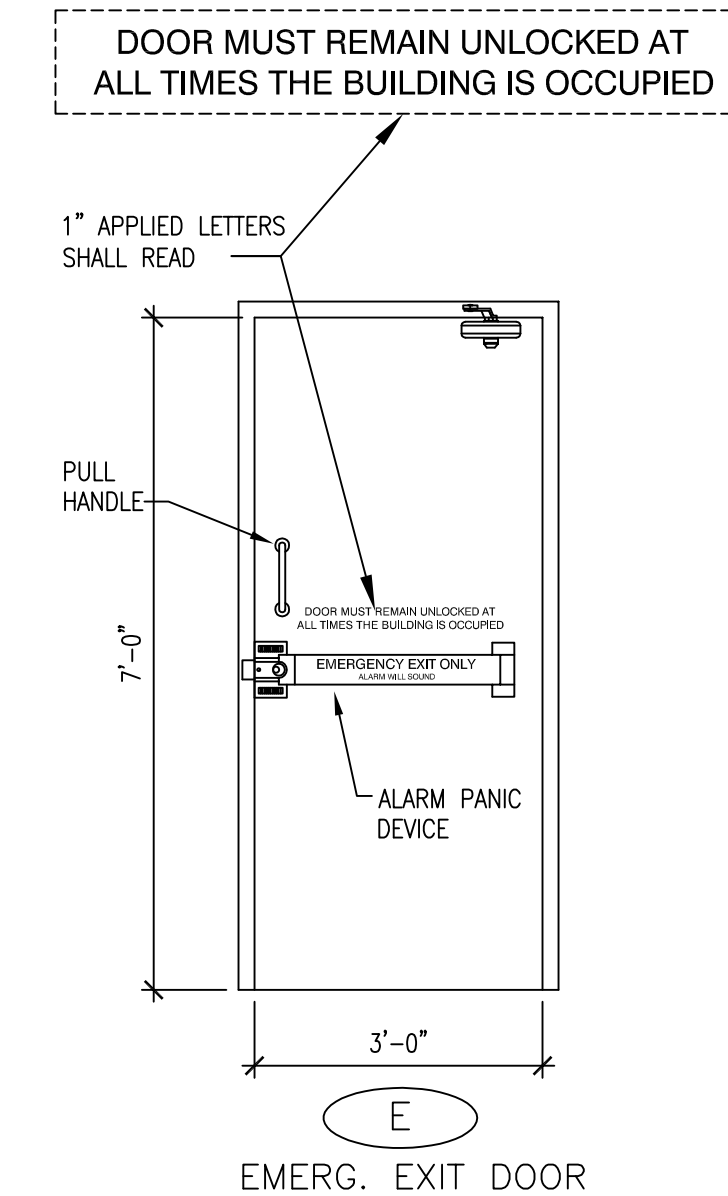
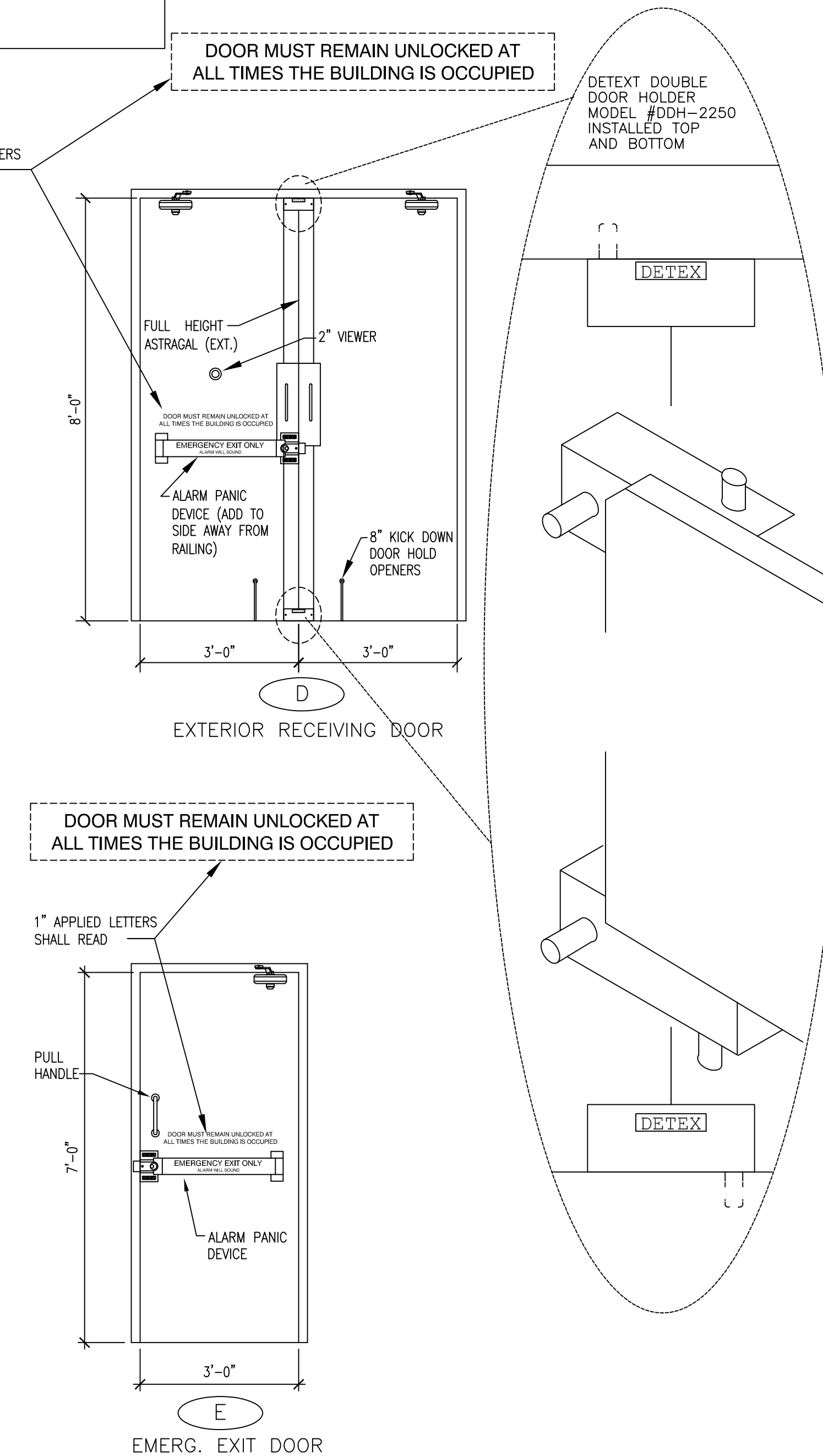
DOOR SCHEDULE

NO.	Type	SIZE			DOOR HARDWARE	REMARKS
		W	H	T		
100	A	3'-0"	7'-0"	1 3/4"	(1) FALCON PASSAGE LEVERSET #W101S-DANE-626 - NO KEY REQ'D., (1) HAGER DOOR CLOSER #5400, (1) IVES WALL STOP, #402-1/2B-26D	SOLID CORE WOOD DOOR OR HOLLOW METAL DOOR. PAINTED.
101	B	3'-0"	7'-0"	1 3/4"	(1) FALCON STOREROOM LEVERSET #W581PD-DANE-626 - KEY #1, (1) HAGER DOOR CLOSER #5400, (1) IVES WALL STOP #402-1/2B-26D, (1) TACO DOOR VIEWER #TA3310PC.	SOLID WOOD DOOR OR HOLLOW METAL DOOR. PAINTED.
102	E	3'-0"	7'-0"	1 3/4"	(1) VON DUPRIN GUARD-X EXIT ALARM LOCK #2670-28, (1) HAGER DOOR CLOSER #5400, (1) DOOR SWEEP, WEATHERSTRIPPING, (1) 7015SC8-26D RIM CYLINDER, (1) HAGER 8N PULL.	INSULATED METAL DOOR. PAINTED.
103A	C	6'-0"	8'-0"	1 3/4"	(2) BURNS PULL PLATES #5410-32D-26D-GRIP, (2) BURNS PUSH PLATES #54-US32D, (4) IVES KICK PLATES #8400-S32D-8X34, (2) STANLEY DOOR CLOSERS QDC311-689, (2) IVES 4" DOOR HOLDER #452B26D DOOR MOUNTED ASTRAGAL, DOORS ARE TO BE LATCHED.	FIRE RATED DOORS & FRAME, 3/4 HOUR RATED DOOR IN A 1 HOUR RATED PARTITION WALL. SOLID CORE WOOD DOOR OR HOLLOW METAL DOOR PAINTED SW6991, BLACK MAGIC (SEMI-GLOSS).
103B	D	6'-0"	8'-0"	1 3/4"	(1) VON DUPRIN GUARD-X EXIT ALARM LOCK #2670-28, (1) VON DUPRIN GUARD-X DOUBLE DOOR STRIKE #2609, (1) DETEX DOUBLE DOOR HOLDER #DDH-2250 TOP & BOTTOM, (2) STANLEY DOOR CLOSERS QDC311-689, (2) BURNS PULL PLATES #5410-32D-26D-GRIP, (2) BURNS PUSH PLATES #54-US32D, (1) 2" DOOR SCOPE #DS/1000MB, (2) 8" DOOR HOLDERS #608Z, (1) NATIONAL GUARD HD THRESHOLD #425 HD-6 FT., (2) DOOR SWEEPS, WEATHERSTRIPPING. (1)7015SC8-26D RIM CYLINDER	FIRE RATED DOORS & FRAME, 3/4 HOUR RATED DOOR IN A 1 HOUR RATED WALL. HOLLOW CORE METAL DOOR. PAINT EXTERIOR SW7041, VAN DYKE BROWN (SEMI-GLOSS); PAINT INTERIOR SW6991, BLACK MAGIC (SEMI-GLOSS).
104	A	3'-0"	7'-0"	1 3/4"	(1) FALCON STOREROOM LEVERSET #W581PD-DANE-626 - KEY #2, (1) HAGER DOOR CLOSER #5400, (1) IVES WALL STOP #402-1/2B-26D.	SOLID CORE WOOD DOOR OR HOLLOW METAL DOOR. PAINTED.
105	A	3'-0"	7'-0"	1 3/4"	(1) FALCON STOREROOM LEVERSET #W581PD-DANE-626 - KEY #2, (1) HAGER DOOR CLOSER #5400, (1) IVES WALL STOP #402-1/2B-26D.	SOLID CORE WOOD DOOR OR HOLLOW METAL DOOR. PAINTED.
106A	F	6'-0"	7'-0"		BY DOOR MANUFACTURER TO BE RE-KEYED BY DOLLAR GENERAL AREA MANAGER WITH (1) ILCO RIM CYLINDER #7015SC8-26D.	21'-0" BI-PART WITH TRANSOM AND GLASS. BRONZE FINISH
106B	F	6'-0"	7'-0"		BY DOOR MANUFACTURER TO BE RE-KEYED BY DOLLAR GENERAL AREA MANAGER WITH (1) ILCO RIM CYLINDER #7015SC8-26D.	21'-0" BI-PART WITH TRANSOM AND GLASS. BRONZE FINISH

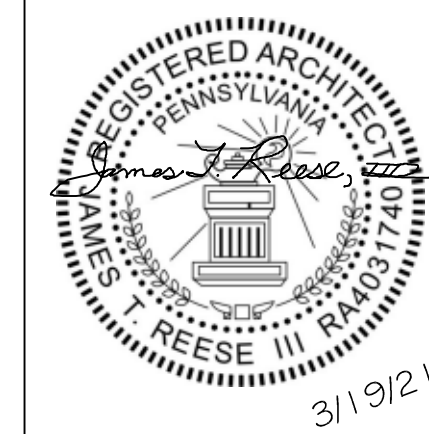
NOTE:  
INTERIOR HOLLOW METAL FRAMES AND INTERIOR DOORS TO BE PAINTED SW 6991 BLACK MAGIC (SEMI-GLOSS).  
EXTERIOR HOLLOW METAL DOORS AND FRAMES TO BE PAINTED SW 7041 VAN DYKE BROWN. THE INTERIOR SIDE TO BE PAINTED SW 6991 BLACK MAGIC.



1 DOOR ELEVATIONS  
A5 1/2" = 1'-0"



STORE PLANNING Inc  
3080 SENNA DRIVE  
Mathews, North Carolina 28105  
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Fax: 704-849-6997



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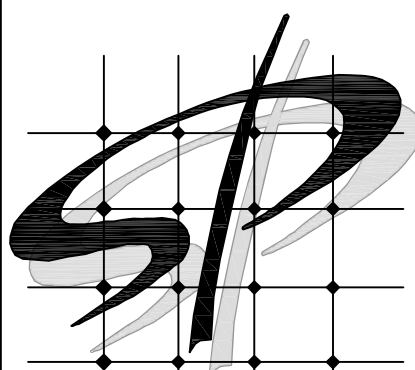
DOLLAR GENERAL #23228  
MOLLY PITCHER HIGHWAY  
FRANKLIN COUNTY PA  
MARION, PA 17235

**DOLLAR GENERAL**  
SHEET TITLE  
DOOR SCHEDULE & DETAILS

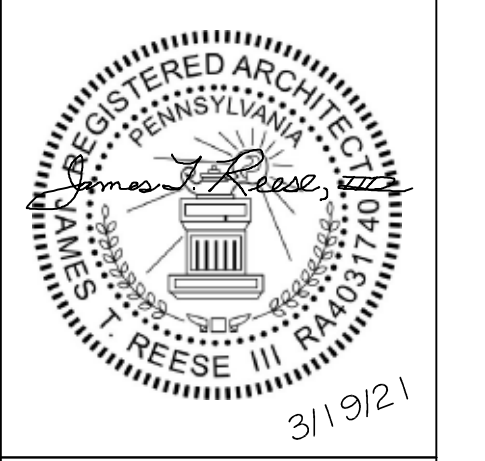
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SHEET NUMBER  
**A5**





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MARION, PA 17235

**DOLLAR GENERAL**  
RESTROOM PLAN & DETAILS

SHEET TITLE  
SHEET NUMBER  
**A6**

SPI Client DATE  
21017 3-19-21

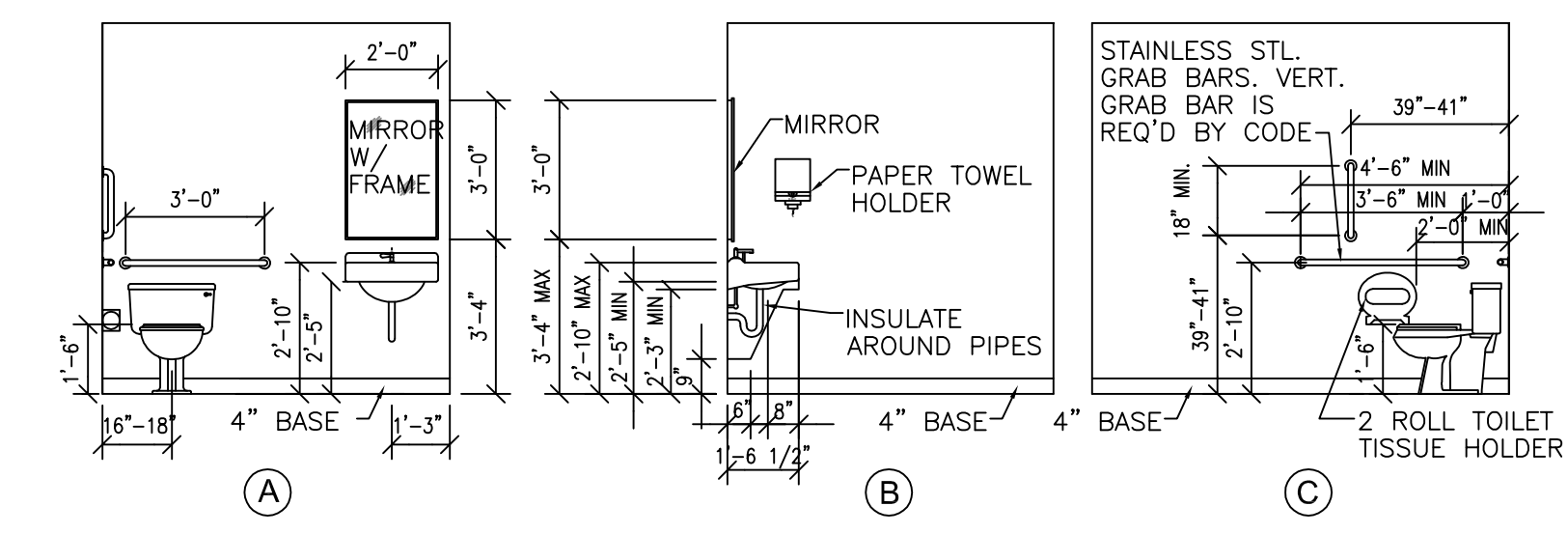
888-774-3400 EXT. 925

TOILET ACCESSORIES	
B2740	BOBRICK DOUBLE TOILET TISSUE DISPENSER
B253	BOBRICK PAPER TOWEL DISPENSER
54-US32D	BURNS PUSH TOWEL
5410-32D-26D-GRIP	BURNS PULL PLATE
DDH-2250 **	DETEX DOUBLE DOOR HOLDER
DS/1000MB	DOOR SCOPE (FOR RECEIVING EXIT DOOR)
608Z	8" DOOR HOLDER
770SAV-3FT	3 FT DOOR SWEEP
770SAV-4FT	4 FT DOOR SWEEP
W101S-DANE-626	FALCON PASSAGE LEVERSET
W581PD-DANE-626	FALCON STOREROOM LEVERSET
A-24x36	GAMCO 24" x 36" ANGLE FRAME MIRROR
150Sx36	GAMCO 1 1/2" X 36" GRAB BAR
150Sx42	GAMCO 1 1/2" X 42" GRAB BAR
150Sx18	GAMCO 1 1/2" X 18" GRAB BAR
MS-1	GAMCO MOP HOLDER
5400	HAGER DOOR CLOSER
7015SC8-26D *	ILCO RIM CYLINDER
402-1/2B-26D	IVES WALL STOP
452B26D-4	IVES 4" DOOR HOLDER
8400-S32D-8X34	IVES KICK PLATE
425 HD - 6 FT.	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-X DOUBLE DOOR STRIKE
892SAV-84INCH	WEATHERSTRIPPING

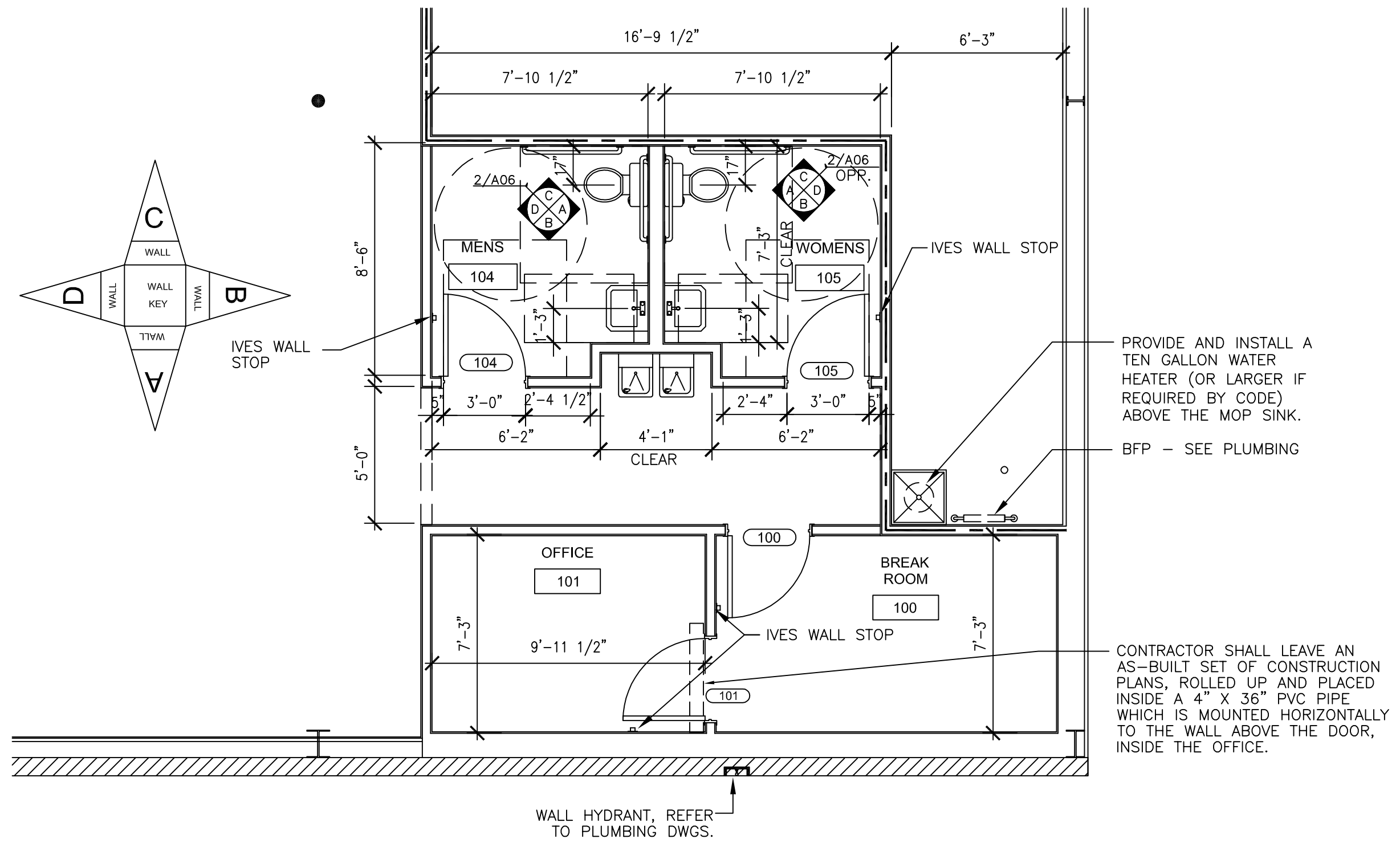
\* MUST HAVE ONE RIM PER EXIT DEVICE.  
\*\* MUST HAVE DOUBLE DOOR STRIKE AND TWO DOUBLE DOOR HOLDERS FOR ALL DOUBLE EXIT DOORS.

REST ROOMS

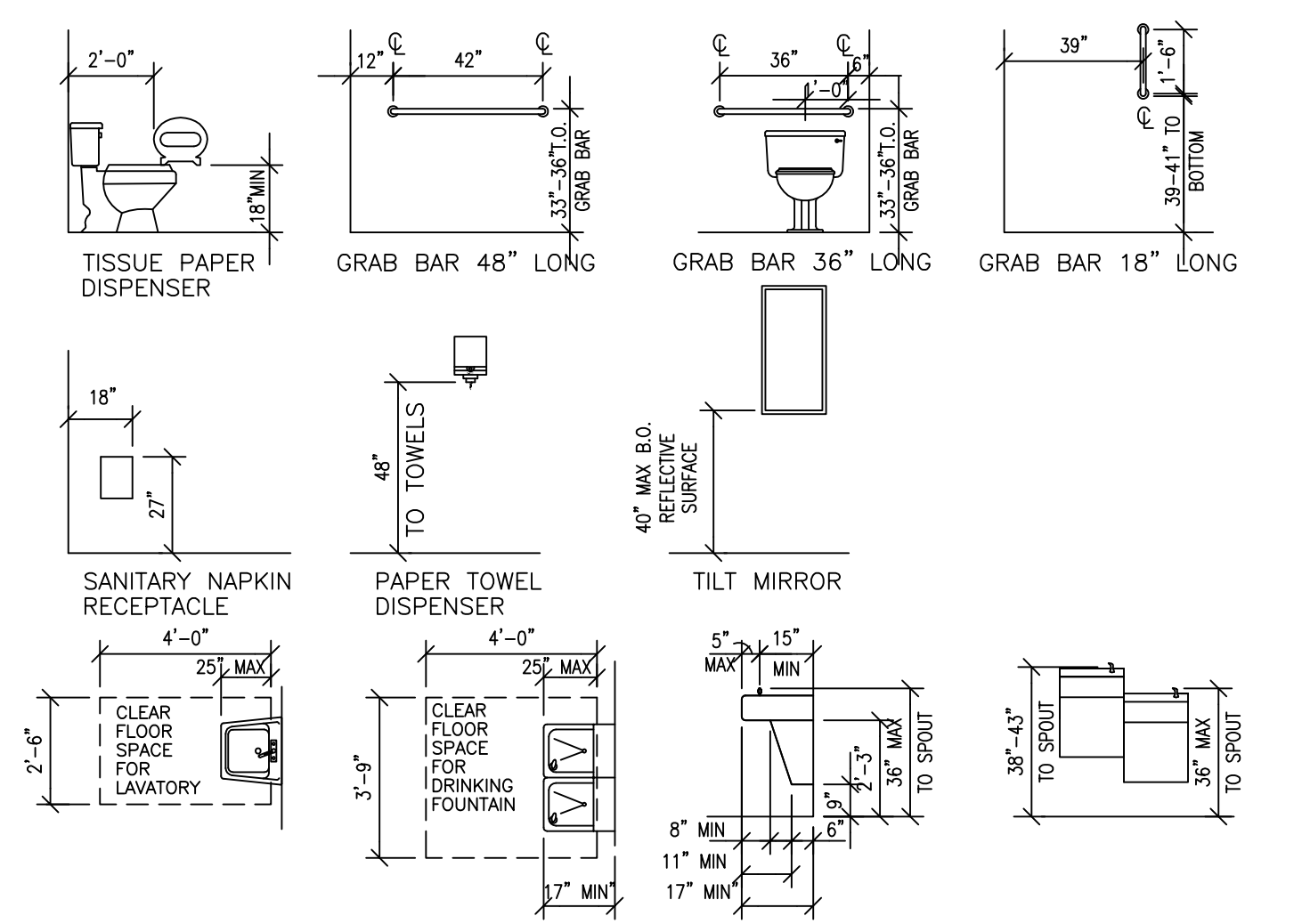
- ALL STORES MUST INCLUDE TWO RESTROOMS, EVEN WHEN NOT REQUIRED BY CODE. ANY VARIATION MUST BE APPROVED, IN WRITING, BY THE DOLLAR GENERAL CONSTRUCTION AUTOCAD DEPARTMENT.
- RESTROOMS MUST COMPLY WITH ALL BUILDING (FEDERAL, STATE, AND LOCAL) FIRE, AND HEALTH DEPARTMENT CODES. ACCESSIBILITY REQUIREMENTS MUST ALSO BE MET IN BOTH RESTROOMS. SOME CODES MAY REQUIRE ADDITIONAL TOILETS OR LAVATORIES. PLEASE CONTACT DOLLAR GENERAL CONSTRUCTION AUTOCAD DEPARTMENT FOR ALTERNATE PLANS FOR THESE SITUATIONS.
- PROVIDE AND INSTALL 2' x 3' MIRROR (OR LARGER IF REQUIRED BY CODE) IN RESTROOMS ABOVE LAVATORY.
- CONTRACTOR TO INSTALL SOAP DISPENSERS, TOILET PAPER HOLDERS, DOOR CLOSERS, DOOR HOLDERS, EXHAUST FANS, AND ALL TOILET ACCESSORIES IN BOTH RESTROOMS. PROVIDE ALL NECESSARY WOOD BLOCKING FOR ACCESSORIES.



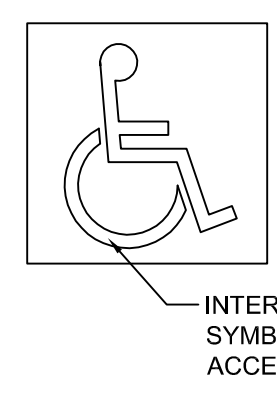
2 RESTROOM ELEVATIONS  
A6 1/4" = 1'-0"



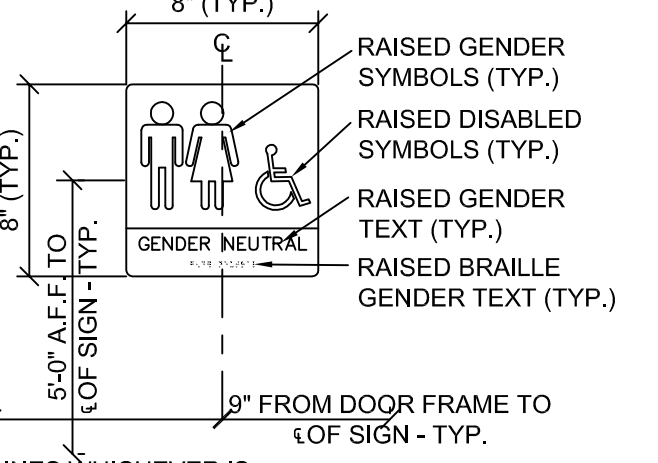
1 RESTROOM/OFFICE PLAN  
A6 1/4" = 1'-0"



3 A.D.A. CLEARANCES  
A6 NTS

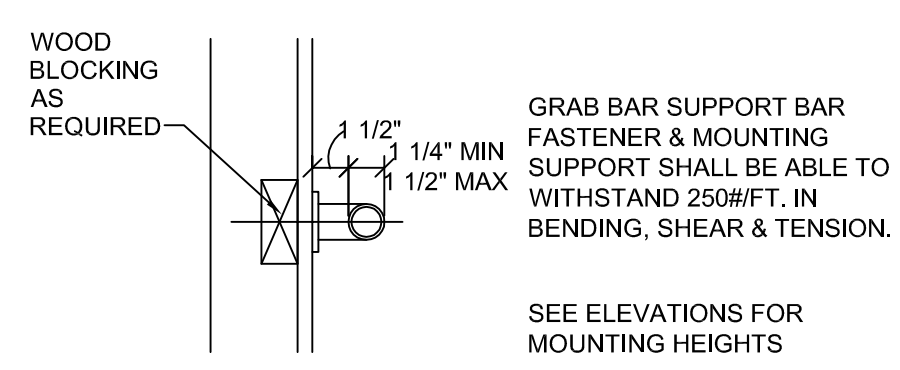


INTERNATIONAL SYMBOL OF ACCESSIBILITY  
CHARACTER HEIGHT SHALL BE A MINIMUM OF 3" PER CODE  
GRADE 2 BRAILLE WITH DOTS 1/10" ON CENTER AND 2/10" SPACE BETWEEN CELLS RAISED 1/40" PER CODE

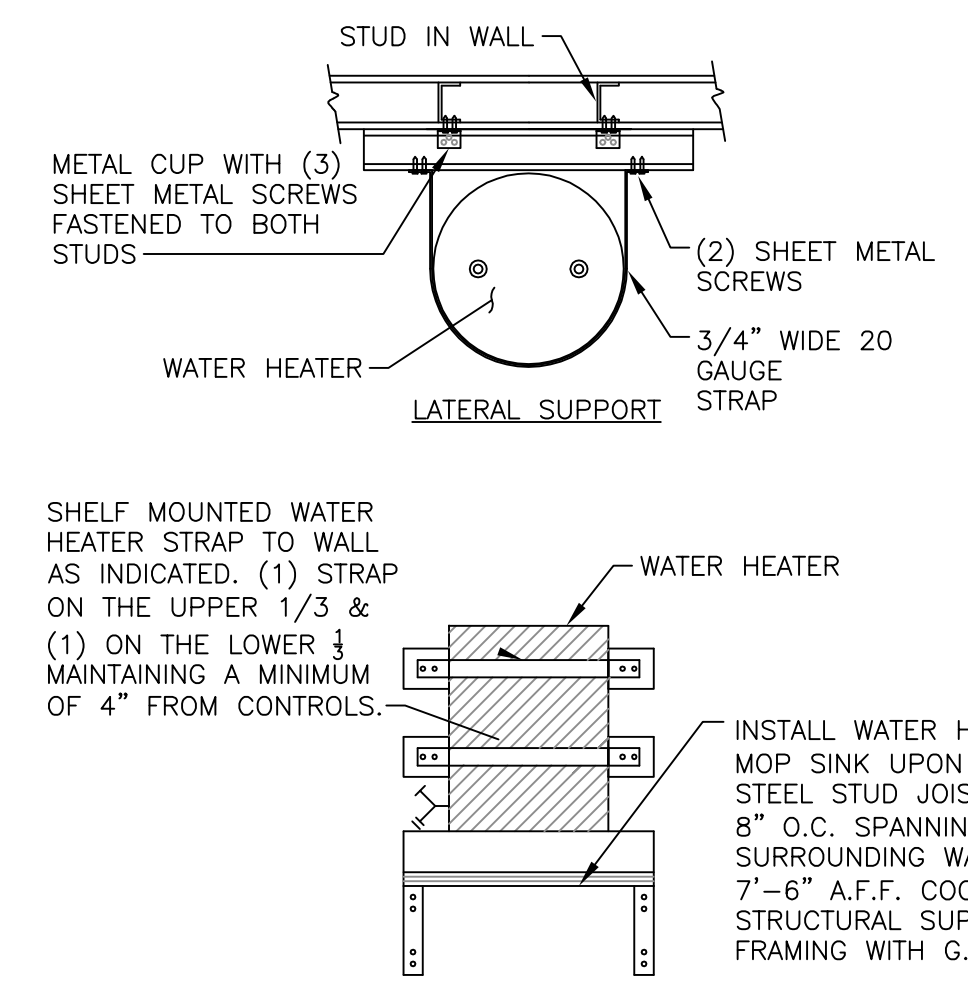


- NOTES:
- SIGNS SHALL CONFORM TO ANSI OR LOCAL ACCESSIBILITY GUIDELINES WHICHEVER IS MORE STRINGENT.
  - ALL BUILDINGS AND ENTRANCES THAT ARE ACCESSIBLE AND USABLE BY PERSONS WITH DISABILITIES SHALL BE IDENTIFIED WITH A MINIMUM OF ONE INTERNATIONAL SYMBOL OF ACCESSIBILITY.
  - G.C. TO PROVIDE TACTILE "EXIT" SIGNS AT ALL GRADE LEVEL EXIT DOORS PER CODE.
  - SIGNS TO BE INSTALLED ON THE LATCH SIDE OF THE DOOR, OR IF NO SPACE ON THE NEAREST WALL PREFERABLY ON THE RIGHT. SIGNAGE SHALL HAVE NON GLARE FINISH W/ A CONTRASTING BACKGROUND. SEE A1 FOR LOCATION OF SIGNAGE.

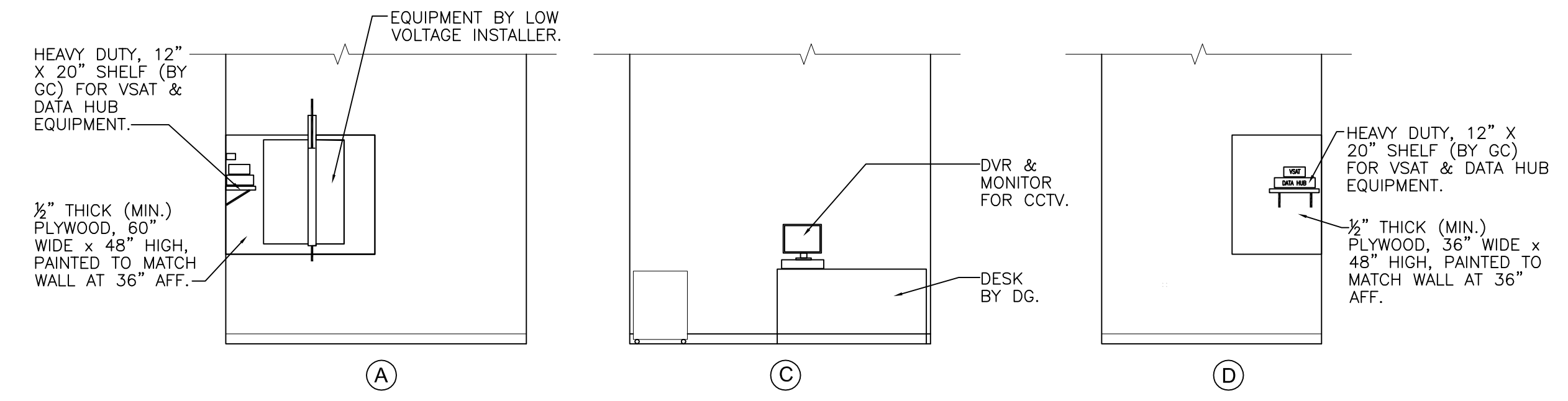
4 ACCESSIBLE SIGNAGE  
A6 1 1/2" = 1'-0"



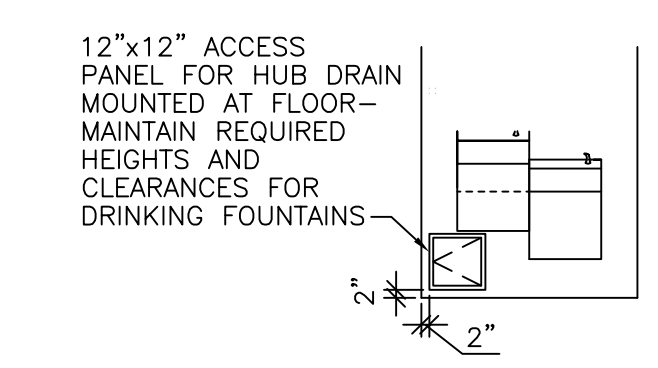
5 GRAB BAR DETAIL  
A6 1 1/2" = 1'-0"



6 WATER HEATER SHELF DETAIL  
A6 NTS

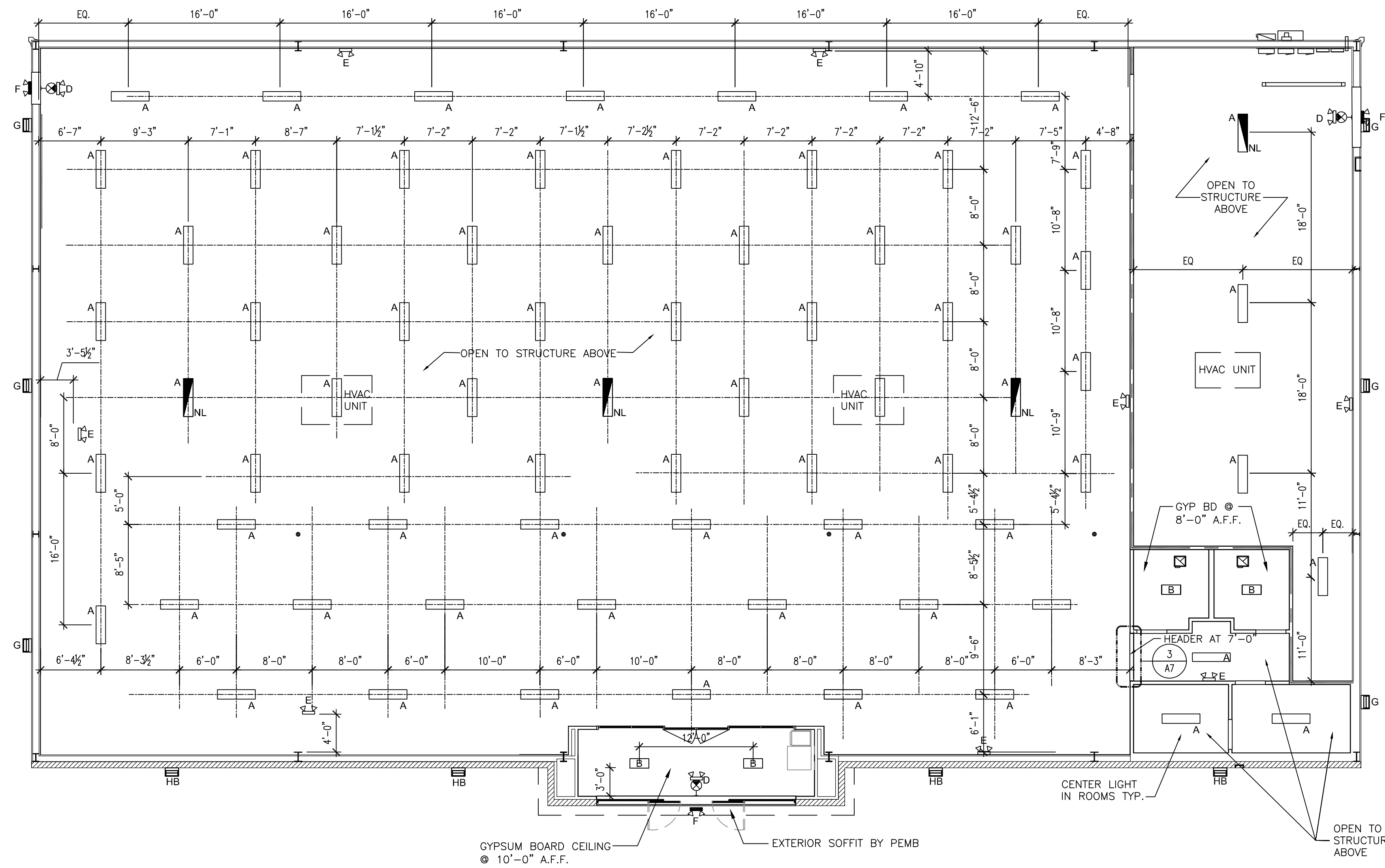


7 OFFICE ELEVATIONS  
A6 NTS

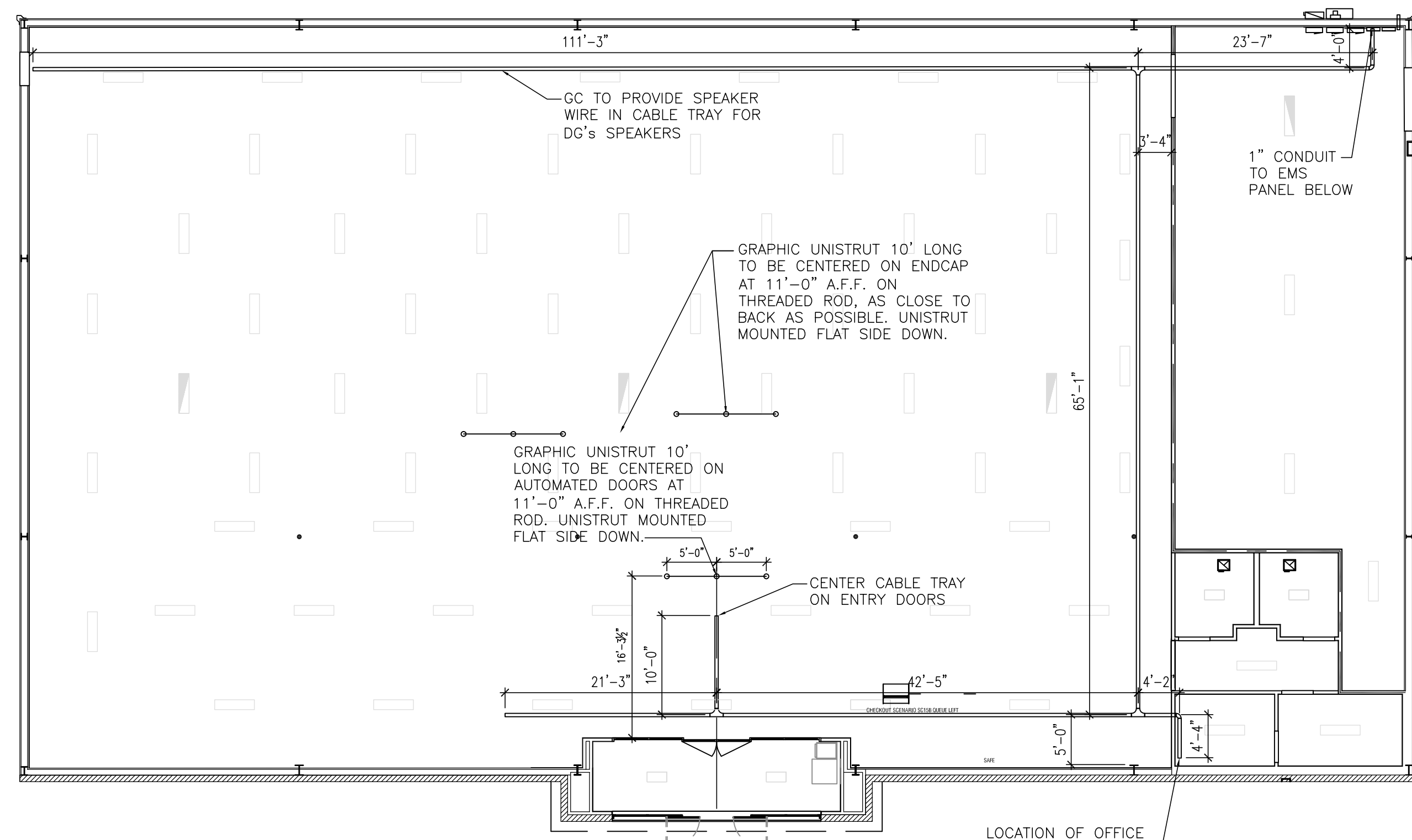


8 ACCESS PANEL DETAIL  
A6 NTS





**1** REFLECTED CEILING PLAN  
 A7 1/8" = 1'-0"



**2** CABLE TRAY PLAN  
 A7 3/32" = 1'-0"

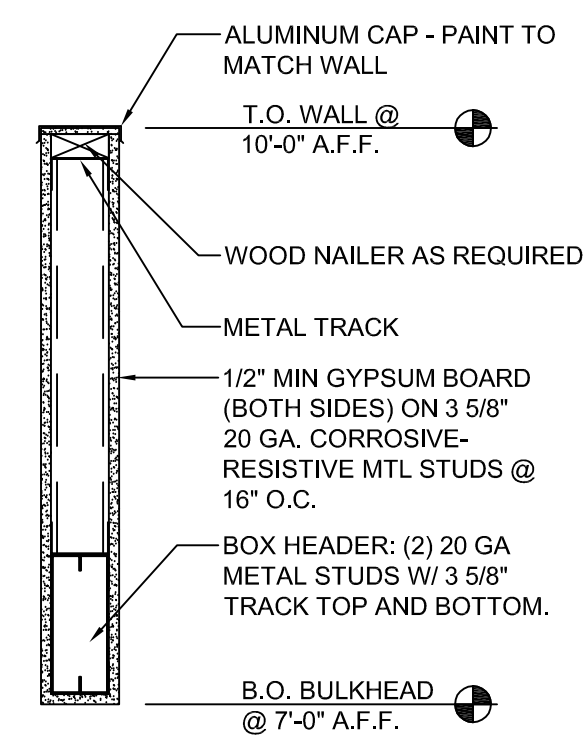
**LEGEND**

LIGHT FIXTURE TYPE A	WALL PACK G
LIGHT FIXTURE TYPE B	WALL PACK H & HB
NIGHT LIGHT CIRCUIT NL	EXHAUST FAN
EMERGENCY LIGHT & EXIT COMBO C - EXIT ONLY D - COMBO	TRANSFER GRILLE
EMERGENCY LIGHT E - INTERIOR F - EXTERIOR	

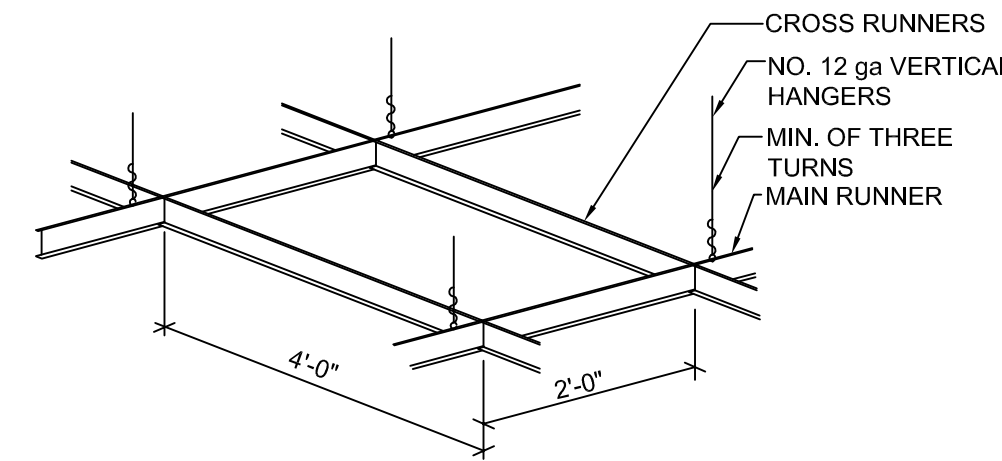
REFER TO THE ELECTRICAL DRAWINGS FOR LIGHT DESIGNATIONS AND OTHER ADDITIONAL INFORMATION

**REFLECTED CEILING PLAN NOTES**

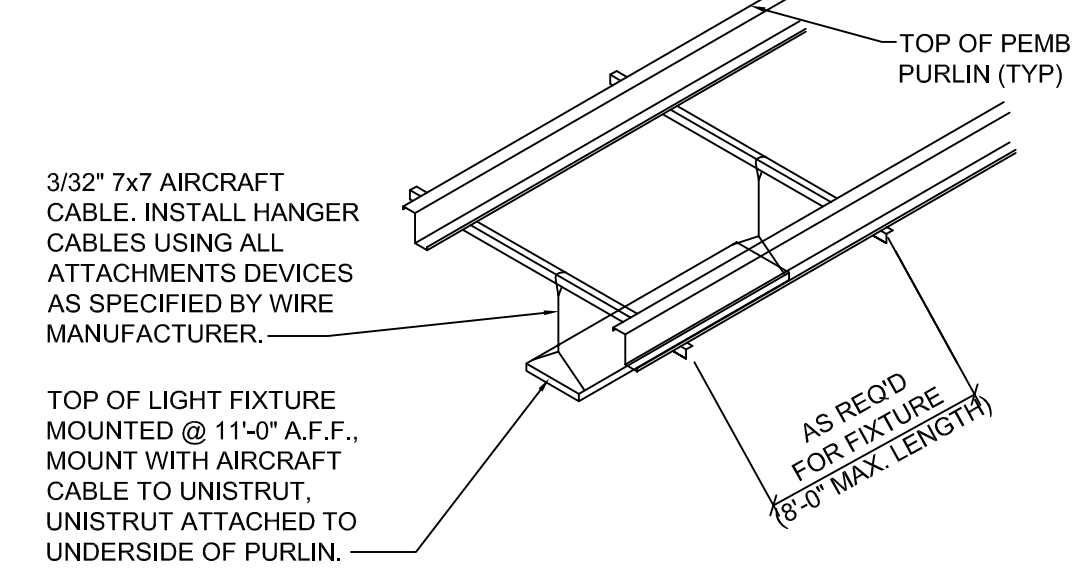
- ALL LIGHTS TO BE MOUNTED SUCH THAT THE TOP OF THE FIXTURES ARE AT 11'-0" A.F.F. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- CABLE TRAY TO BE MOUNTED SUCH THAT BOTTOM OF TRAY IS AT 11'-6" A.F.F.
- CABLE TRAY SYSTEM TO BE INSTALLED USING FULL LENGTHS WITH MINIMAL CUTTING OF SECTIONS. AREAS WHERE CUTTING MAY BE REQUIRED ARE AS NOTED ON THE PLAN.
- GENERAL CONTRACTOR SHALL PROVIDE AND INSTALL CABLE TRAY AND ALL CONDUIT WITH PULL STRINGS AS NOTED.
- COORDINATE FINAL RTU LOCATIONS WITH PEMB DRAWINGS.



**3** BULKHEAD DETAIL  
 A7 1" = 1'-0"



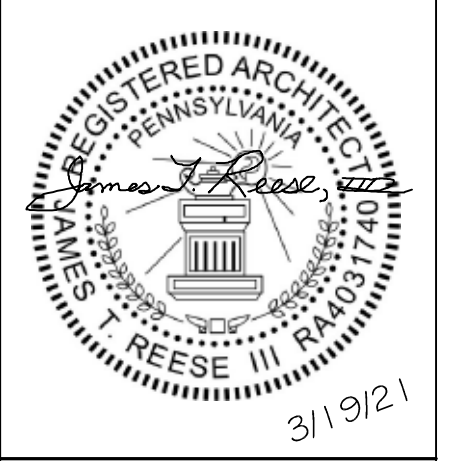
**4** CEILING TEE DETAIL  
 A7 1" = 1'-0"



**5** LIGHT ATTACHMENT DETAIL  
 A7 NTS

**SP**

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 3080 SENNA DRIVE  
 Matthews, North Carolina 28105  
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 Fax: 704-849-6997



#	DATE	REVISION

DOLLAR GENERAL #23228  
 MOLLY PITCHER HIGHWAY  
 FRANKLIN COUNTY PA  
 MARION, PA 17235

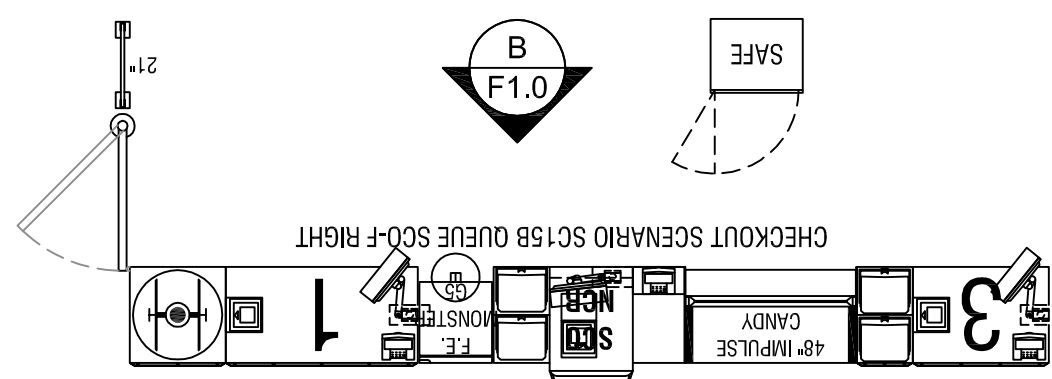
**DOLLAR GENERAL**

SHEET TITLE  
**REFLECTED CEILING PLAN & DETAILS**

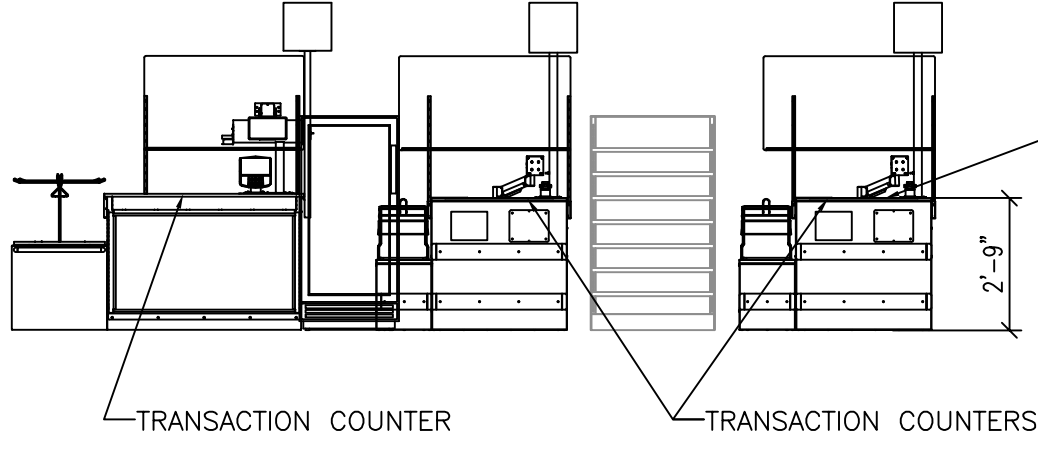
SPI Client	DATE
21017	3-19-21

SHEET NUMBER  
**A7**



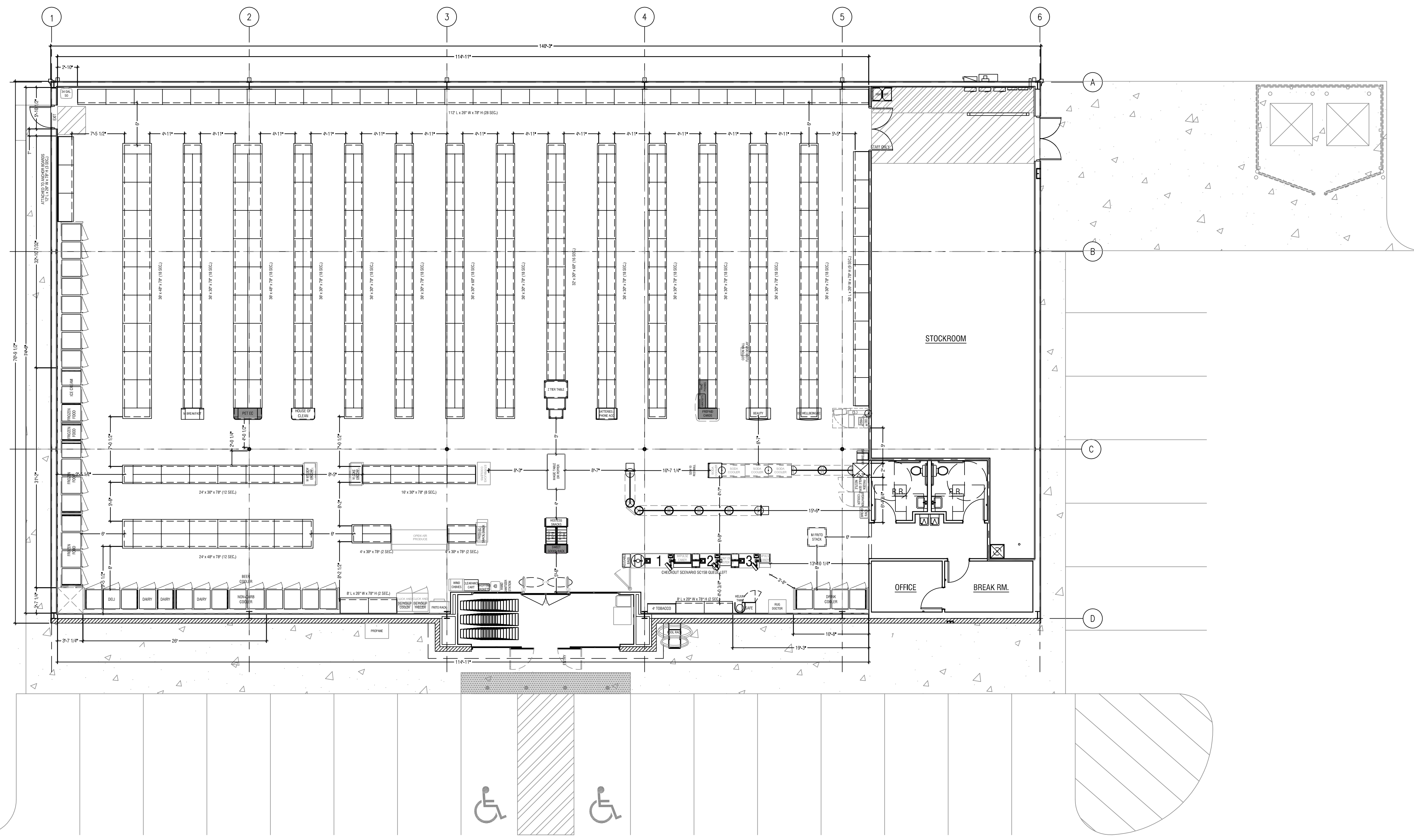


NOTE: FRONT CHECKOUT COUNTER TO BE PROVIDED BY DOLLAR GENERAL AND INSTALLED AT DOLLAR GENERAL'S DIRECTION. COUNTERS SHALL INCLUDE A PORTION OF AT LEAST 36" IN LENGTH WHICH IS NO MORE THEN 34" ABOVE THE FINISH FLOOR. COUNTERS SHALL BE ON AN ACCESSIBLE ROUTE.

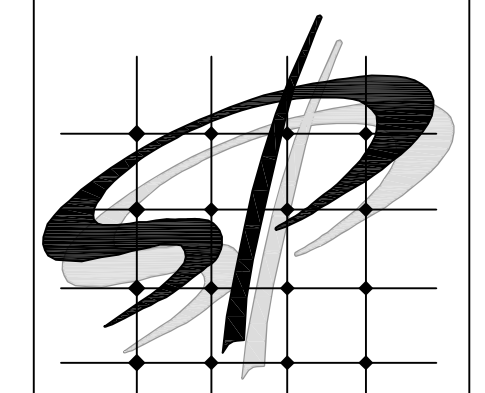


B - ELEVATION

2 SERVICE COUNTER DETAILS  
F1 1/4" = 1'-0"



1 FIXTURE PLAN  
F1 1/8" = 1'-0"



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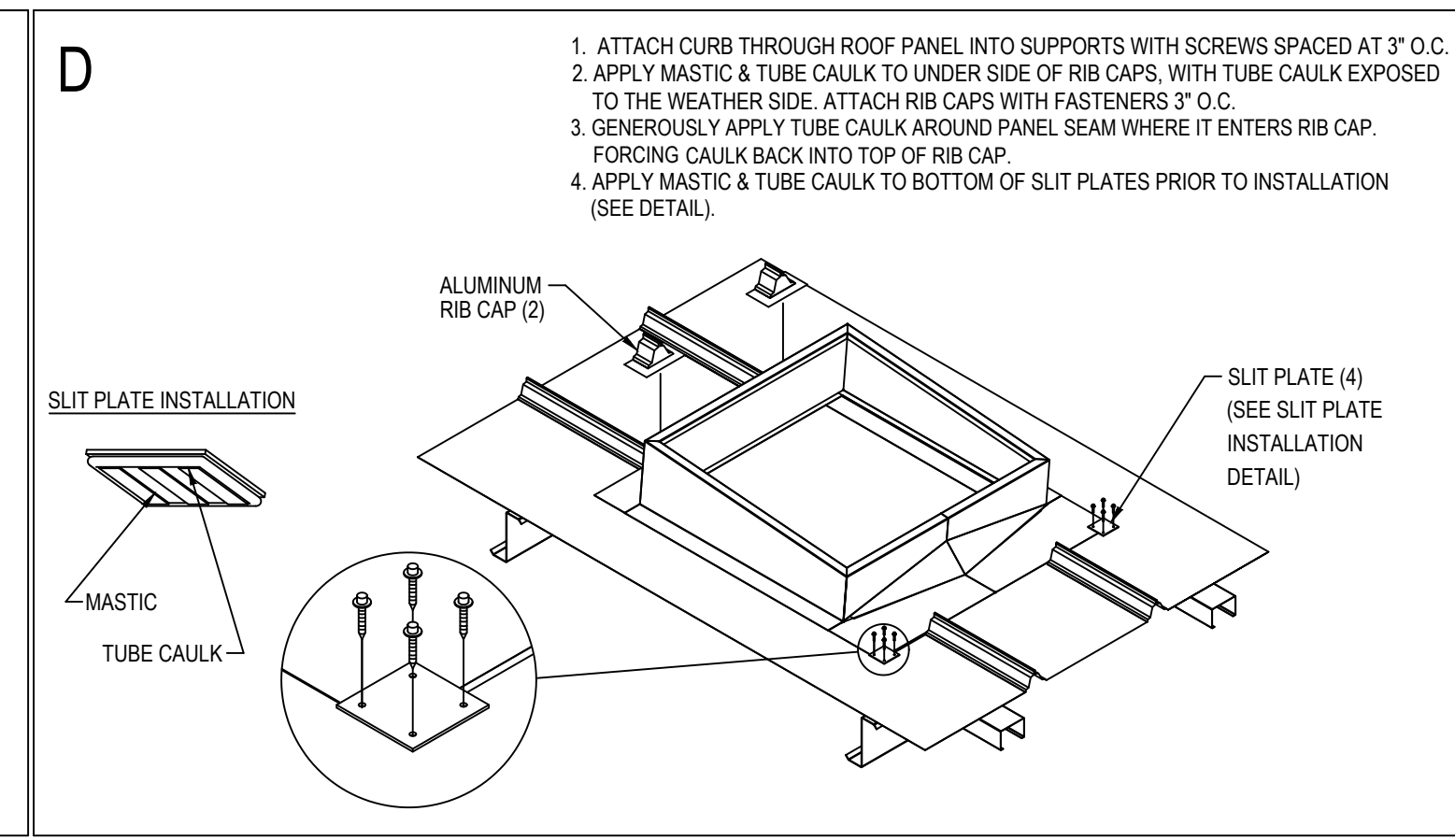
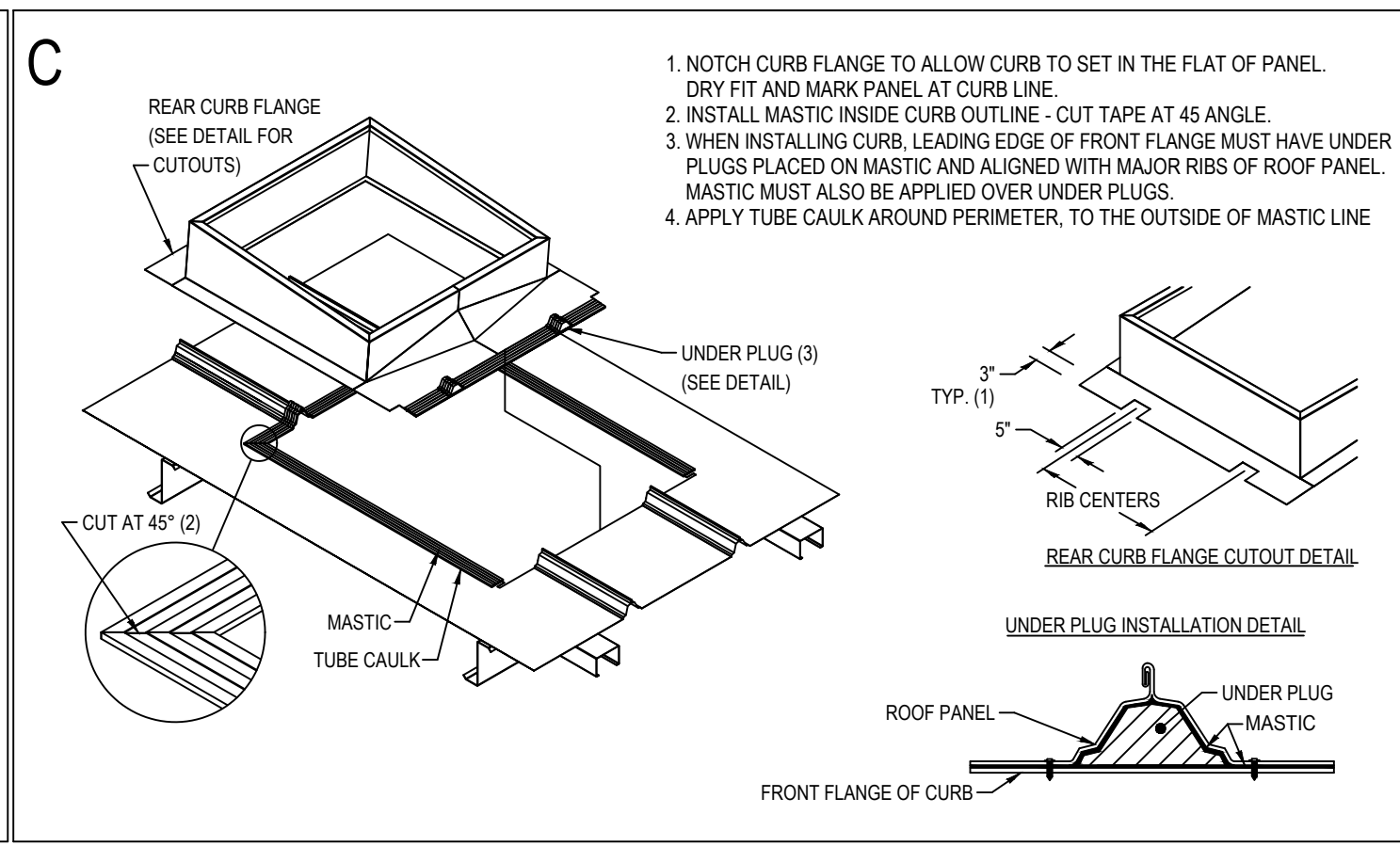
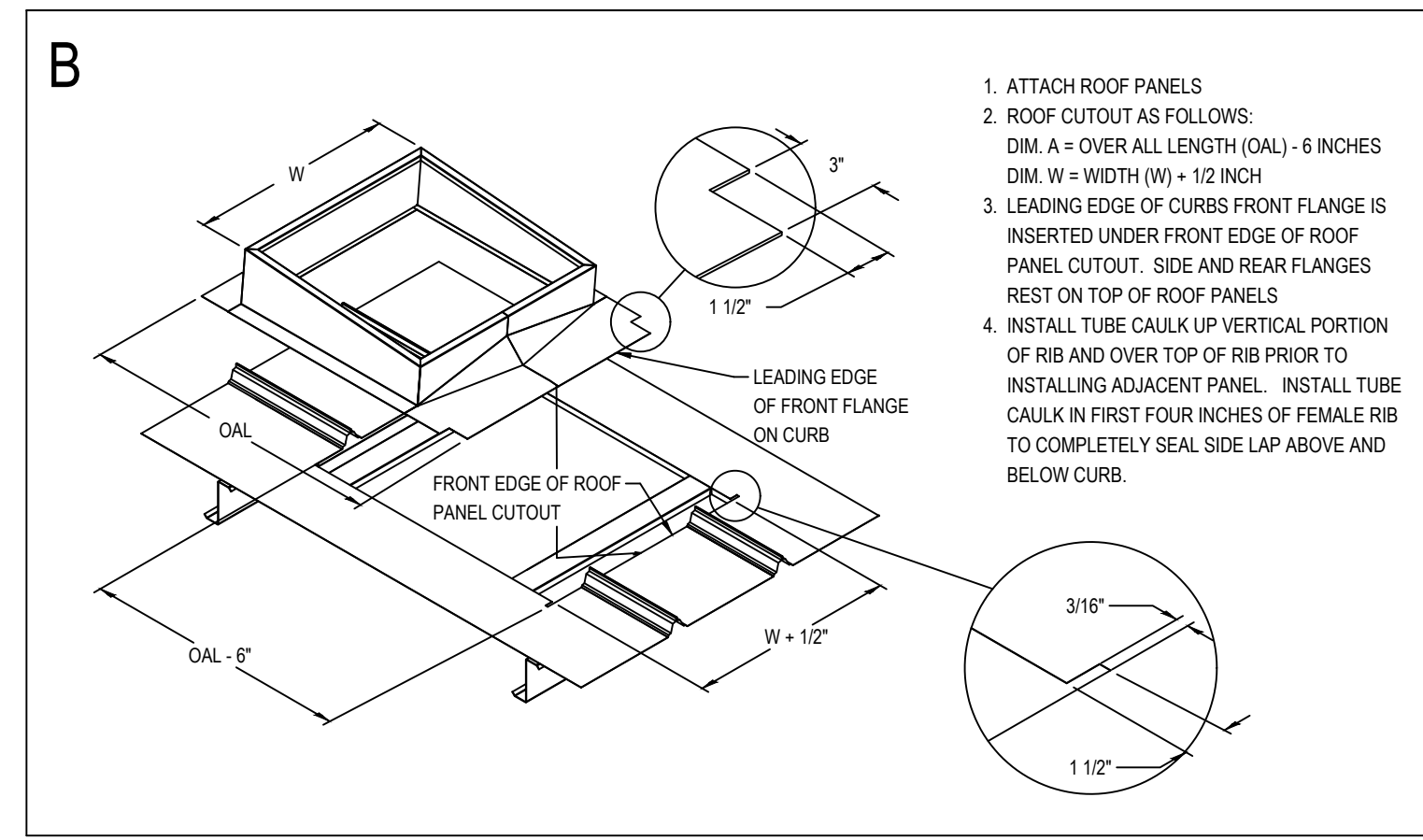
#	DATE	REVISION

DOLLAR GENERAL #23228  
MOLLY PITCHER HIGHWAY  
FRANKLIN COUNTY PA  
MARION, PA 17235

**DOLLAR GENERAL**  
SHEET TITLE  
FIXTURE PLAN AND DETAILS

SPI Client	DATE
21017	3-19-21
SHEET NUMBER	
<b>F1</b>	





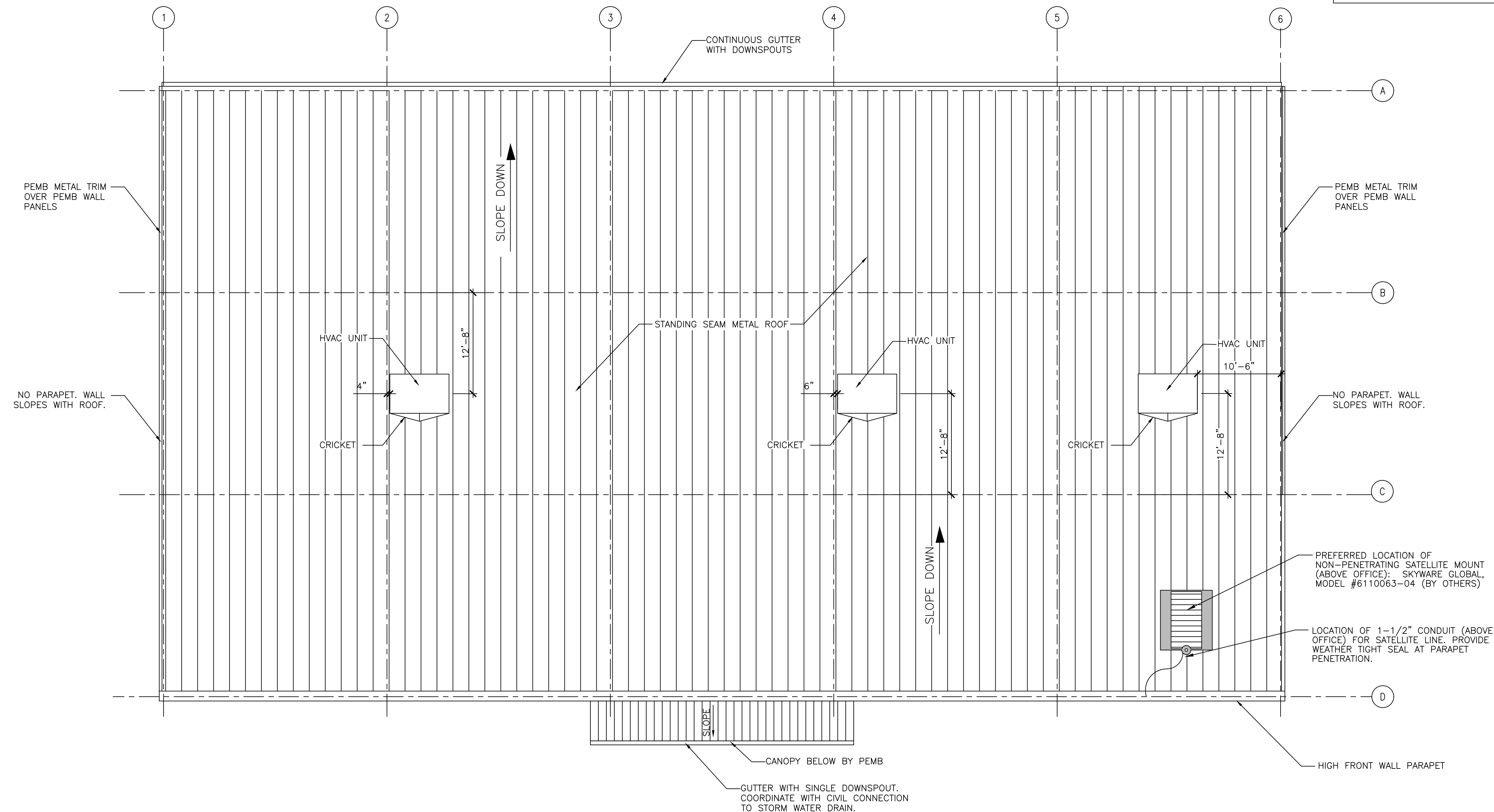
**3** ROOF CURB DETAILS  
 GS1 NO SCALE

**CURB INSTALLATION INSTRUCTIONS**

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

**REQUIRED NATIONAL ACCOUNT ROOF CURB DG VENDORS:**

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



**METAL BUILDING NOTES:**

- THE PRE-MANUFACTURED METAL BUILDING STRUCTURE, CONCRETE FOUNDATION, AND INTERIOR CONCRETE SLAB SHALL BE DESIGNED, DETAILED, FABRICATED, AND CONSTRUCTED IN ACCORDANCE WITH ALL APPLICABLE CODES, STANDARDS AND REGULATIONS. THE MOST STRINGENT REQUIREMENTS APPLY WHERE INCONSISTENCIES OCCUR BETWEEN THE APPLICABLE STANDARDS. IN THE ABSENCE OF OTHER CRITERIA, LOADINGS SHALL CONFORM TO THE MOST RECENT EDITION OF THE INTERNATIONAL BUILDING CODE.
- THE SCOPE OF THE PRE-MANUFACTURED METAL BUILDING STRUCTURE SHALL INCLUDE THE DESIGN, ENGINEERING, FABRICATION, DELIVERY, AND ERECTION OF THE COMPLETE STRUCTURAL STEEL FRAMING AND EXTERIOR SKIN PACKAGE. THE METAL BUILDING MANUFACTURER SHALL BE CERTIFIED BY AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) METAL BUILDING CERTIFICATION PROGRAM.
- THE FRONT FASCIA SHALL HAVE (3) 12" PURLINS (MOUNTED VERTICALLY SO THAT THE 12" FACE IS AGAINST THE BUILDING METAL SIDING. THESE PURLINS SHALL BE CENTERED OVER THE ENTRANCE AND SPACED 96" APART TO PROVIDE ADEQUATE SUPPORT FOR SIGNAGE WHICH MAY WEIGH UP TO 1,400 LBS.
- RECOMMENDED PRE-ENGINEERED METAL BUILDING MANUFACTURERS ARE:  
 -VP BUILDINGS  
 ATTN: DAVID ENGLISH  
 (901) 568-4537  
 -STAR BUILDING SYSTEMS  
 ATTN: RODNEY BURT  
 (800) 879-7827  
 -NUCOR BUILDING SYSTEMS  
 ATTN: BOB BARRY  
 (315) 622-4400  
 (260) 837-7891  
 -BIGBEE STEEL BUILDINGS, INC.  
 ATTN: KEVIN BUSLER  
 (800) 633-3378  
 -CHIEF BUILDINGS  
 ATTN: ERIN SULLIVAN  
 (800) 845-1767

5. SEE SHEET A2 FOR WALL AND ROOF FINISHES AND COLORS.

**ROOF NOTES:**

- METAL ROOF MUST BE A STRUCTURAL STANDING SEAM METAL ROOF WITH MECHANICALLY ROLLED SEAMS. SEAMS TO BE A MINIMUM 1 1/2" HIGH. ALL FASTENERS TO BE CONCEALED.
- ROOF PANELS TO BE A MINIMUM 24 GAUGE.
- METAL ROOF SYSTEM TO BE EQUAL TO VP BUILDING SLR II ROOF.
- CONDENSATE FROM HVAC UNITS TO BE PIPED TO GUTTERS.

**SP**

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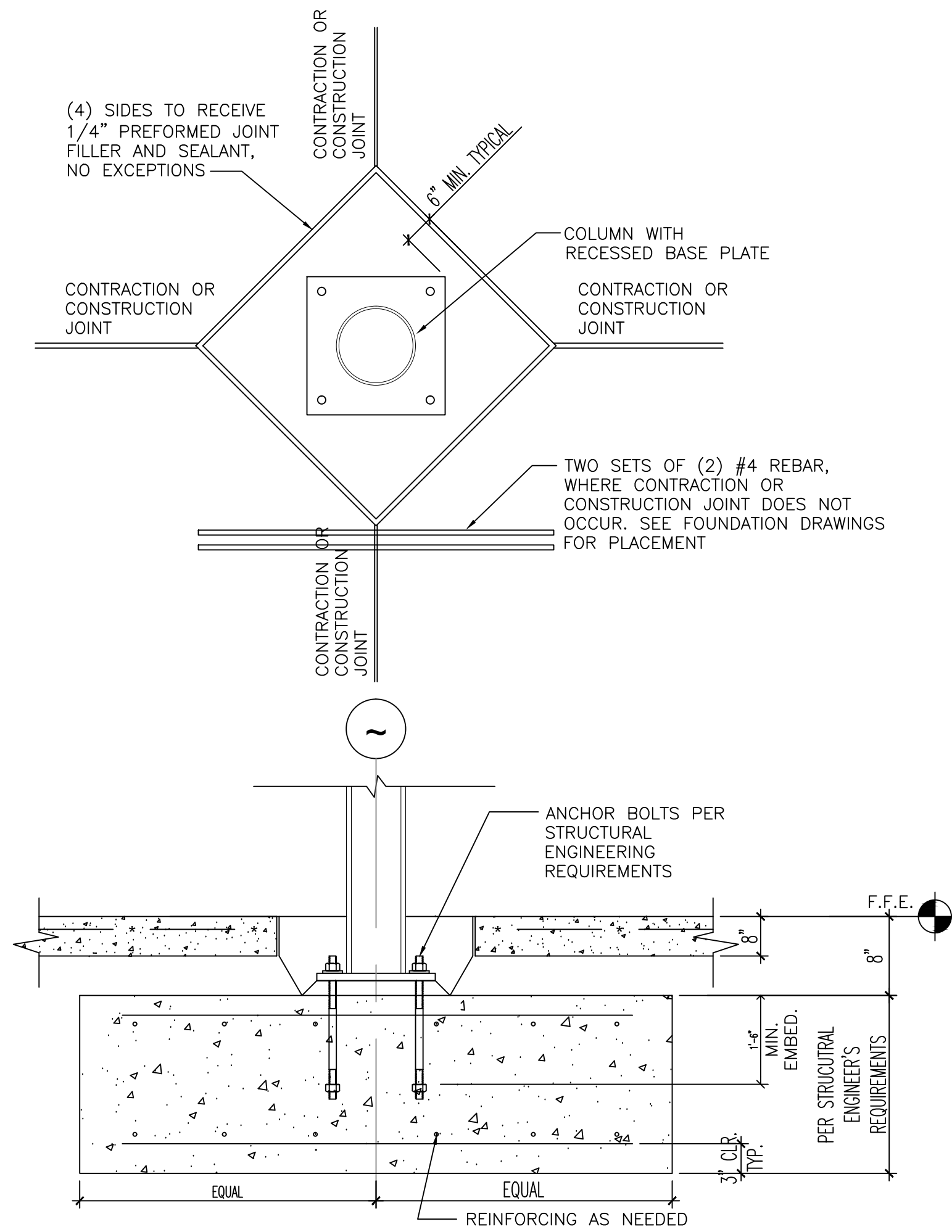
**DOLLAR GENERAL**

SHEET TITLE  
 ROOF PLAN & METAL BUILDING NOTES

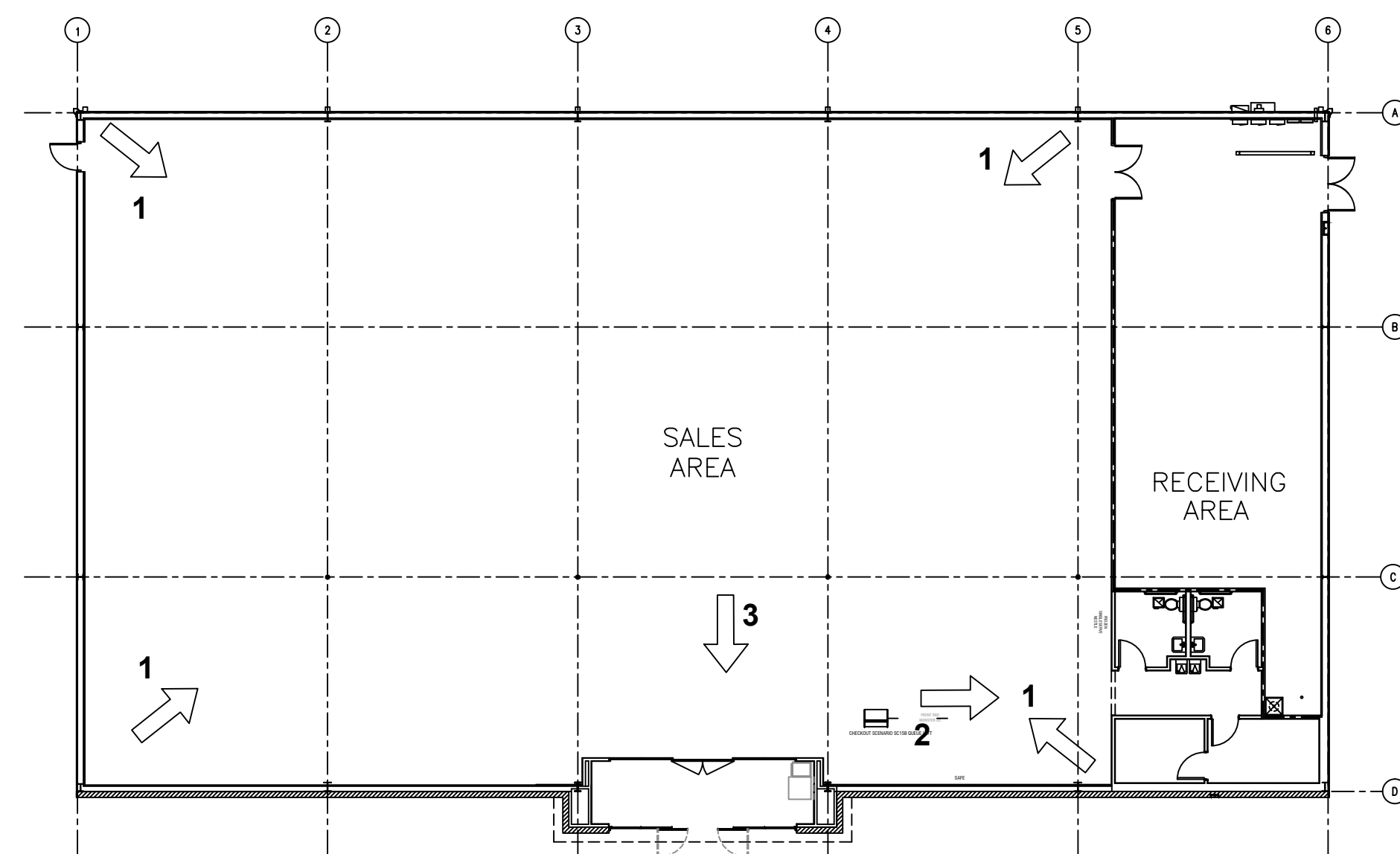
SPI Client	DATE
21017	3-19-21
SHEET NUMBER	
<b>GS1</b>	







3 COLUMN BASE DETAIL - SECTION  
NTS



REQUIRED PHOTOS:  
THE FOLLOWING LAYOUT SHOWS THE REQUIRED PHOTOS TO BE TAKEN AT COMPLETION.  
(MAKE SURE THE OVERHEAD LIGHTS ARE ON FOR YOUR PHOTOS.)

1. FROM EACH CORNER OF THE SALES FLOOR, FACING THE OPPOSITE CORNER.
2. HALL (INSIDE ENTRANCE STORES, ONE PICTURE FROM EACH END OF THE HALL).
3. STANDING 10' FROM THE ENTRANCE FACING THE ENTRANCE.

1 PHOTO KEY PLAN  
1/16" = 1'-0"

## CONCRETE ANALYSIS

Based on Standard Deviation Analysis  Please check one  
Trial Mix Test Data

Slump before HRWR \_\_\_\_\_ inches  
Slump after HRWR \_\_\_\_\_ inches

### DESIGN CHARACTERISTICS

Density \_\_\_\_\_ pcf  
Strength \_\_\_\_\_ psi (28 day)  
Air \_\_\_\_\_ % specified

If trial mixes are used the Mix Design is proportioned to achieve  $f'_{cr} = f'_c + 1200$  psi  
(1400 psi for strength higher than 5000 psi at 28 days)

MATERIALS	Type/Source	Specific Gravity	Weight/lb.	Absolute Vol. cu. ft.
Cement				
Coarse Aggregate				
Fine Aggregate				
Water				
Other				
TOTAL				27.0 cu. ft.

\* Water/Cement Ratio (lbs. water/lbs. cement) = \_\_\_\_\_ %

### ADMIXTURES

Manufacturer	Dosage oz/cwt
Air Entraining	
Water Reducing	
Water Reducing, Retarding	
High Range Water Reducing	
Non-Corrosive Accelerating	
Other	

Slump before HRWR \_\_\_\_\_ inches  
Slump after HRWR \_\_\_\_\_ inches

### Standard Deviation Analysis (from experience records):

# of Test Cylinders Evaluated: \_\_\_\_\_  
Standard Deviation: \_\_\_\_\_

$f'_{cr} = f'_c + 1.34s$  or  $f'_{cr} = f'_c + 2.33s - 500$   
(Refer to ACI 301 for increased deviation factor when less than 30 tests are available)

### Standard Deviation Analysis (from experience records):

# of Test Cylinders Evaluated: \_\_\_\_\_  
Standard Deviation: \_\_\_\_\_

$f'_{cr} = f'_c + 1.34s$  or  $f'_{cr} = f'_c + 2.33s - 500$   
(Refer to ACI 301 for increased deviation factor when less than 30 tests are available)

### LABORATORY TEST DATA

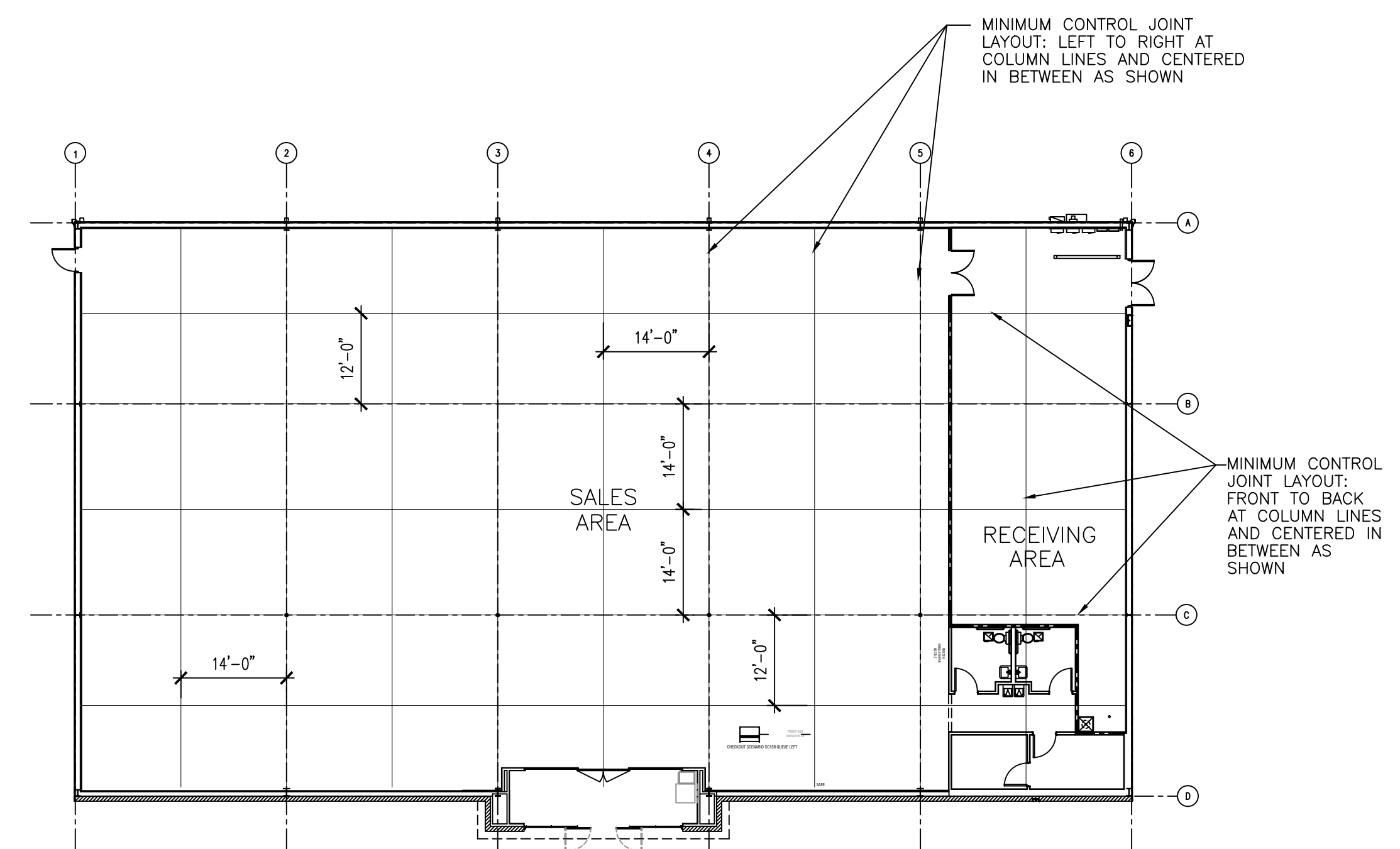
Compressive Strength	Age (days)	Mix # 1	Mix # 2	Mix # 3
	7	psi	psi	psi
	7	psi	psi	psi
	28	psi	psi	psi
	28	psi	psi	psi
	28 average	psi	psi	psi

### REQUIRED ATTACHMENTS

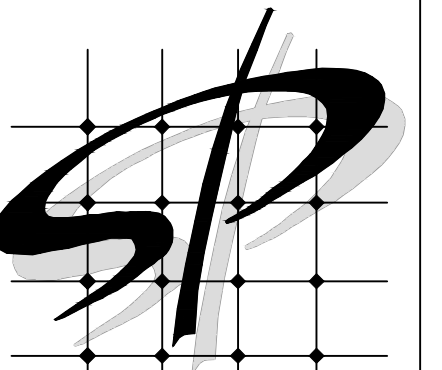
Coarse Aggregate Gradation Report  
Fine Aggregate Gradation Report  
Concrete Compressive Strength Data or Trial Mixture Test Data  
Admixture Compatibility certification letter

### Submitted by:

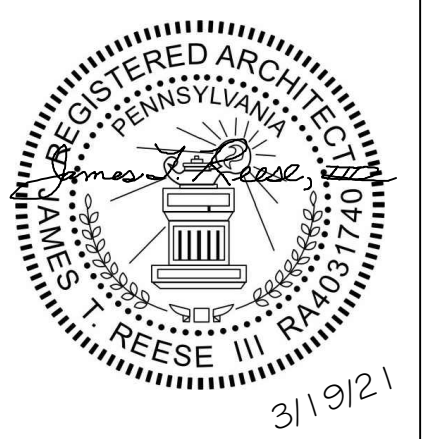
Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
Phone #: \_\_\_\_\_  
Main Plant Location: \_\_\_\_\_  
Miles from Project: \_\_\_\_\_  
Secondary Plant Location: \_\_\_\_\_  
Miles from Project: \_\_\_\_\_  
Date: \_\_\_\_\_



2 CONTROL JOINT SPACING PLAN  
1/16" = 1'-0"



STORE PLANNING Inc  
3080 SENNA DRIVE  
Matthews, North Carolina 28105  
Phone: 704-841-7288  
Fax: 704-849-6997



#	DATE	REVISION

DOLLAR GENERAL #23228  
MOLLY PITCHER HIGHWAY  
FRANKLIN COUNTY PA  
MARION, PA 17235

**DOLLAR GENERAL**  
SHEET TITLE  
CONCRETE & ROOF CURB DETAILS

SPI Client 21017 DATE 3-19-21

SHEET NUMBER  
**GS3**

**GENERAL CONDITIONS**

- STRUCTURAL DRAWINGS ARE TO BE USED IN CAREFUL COORDINATION AND IN CONJUNCTION WITH ALL OTHER CONTRACT DOCUMENTS DURING ALL PHASES OF THE PROJECT INCLUDING BUT NOT LIMITED TO: PREPARATION OF BIDS AND PROPOSALS, PREPARATION OF SHOP DRAWINGS AND CONSTRUCTION. THE GENERAL CONTRACTOR IS TO PROVIDE A COMPLETE SET OF CONTRACT DOCUMENTS TO SUBCONTRACTORS TO BE USED DURING ALL PHASES OF THE PROJECT.
- SHOP DRAWINGS ARE TO BE SUBMITTED TO THE ARCHITECT FOR REVIEW PRIOR TO FABRICATING AND PLACING MATERIALS. SUBMIT TWO SETS OF BLUE LINES AND ONE SET OF SEPIAS. ALL SHOP DRAWINGS ARE TO BE REVIEWED, CORRECTED AND APPROVED BY THE GENERAL CONTRACTOR PRIOR TO SUBMITTING TO THE ARCHITECT. ALL NECESSARY FIELD VERIFICATION AND OTHER DIMENSIONS AND INFORMATION REQUESTED ARE TO BE CLEARLY MARKED ON THE SHOP DRAWINGS BY THE GENERAL CONTRACTOR. DRAWINGS ARE TO INDICATE CLEARLY THAT THE DRAWINGS HAVE BEEN REVIEWED, CORRECTED AND APPROVED BY THE GENERAL CONTRACTOR. DRAWINGS FAILING TO MEET THIS REQUIREMENT WILL BE RETURNED TO THE CONTRACTOR WITHOUT ACTION BY H. EUGENE HUNTER, P.E.
- ALL DETAILS AND SECTIONS ARE CONSIDERED TYPICAL AND ARE TO BE USED BY THE CONTRACTOR TO DEVELOP COMPLETE DETAILS OF CONSTRUCTION FOR EACH PHASE OF THE WORK. ALL DETAILS OF CONSTRUCTION ARE TO BE REVIEWED PRIOR TO FABRICATING AND PLACING MATERIALS. THE GENERAL CONTRACTOR IS TO COORDINATE STRUCTURAL DRAWINGS WITH ALL PHASES OF CONSTRUCTION.
- DO NOT SCALE PLANS, DETAILS, AND SECTIONS. IF THERE IS ANY QUESTION ABOUT DETAILS OR DIMENSIONS CONTACT THE ARCHITECT FOR INFORMATION PRIOR TO SUBMITTING SHOP DRAWINGS.
- DESIGN, DETAILING, AND IMPLEMENTATION OF ALL SHORING AND BRACING REQUIRED FOR THE PROJECT DURING CONSTRUCTION IS THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
- GENERAL CONTRACTOR IS TO VERIFY ALL EXISTING CONDITIONS AND DETAILS IN THE FIELD BEFORE FABRICATING MATERIALS. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BETWEEN ACTUAL EXISTING CONDITIONS AND THOSE ASSUMED IN THE PREPARATION OF DRAWINGS SO THAT NECESSARY MODIFICATIONS CAN BE MADE TO THE DRAWINGS.
- SHOP DRAWINGS SHALL BE ORIGINAL DRAWINGS PREPARED BY THE CONTRACTOR, SUBCONTRACTOR, SUPPLIER OR DISTRIBUTOR. REPRODUCTION OF THE CONTRACTOR'S SHOP DRAWINGS AS DETAIL PLANS OR DETAILS SHALL NOT BE USED WITHOUT WRITTEN PERMISSION FROM H. EUGENE HUNTER, P.E.
- SHOP DRAWINGS SHALL BE PREPARED USING THE STRUCTURAL DRAWINGS. ANY CHANGES, MODIFICATIONS OR REVISIONS FROM THE STRUCTURAL DRAWINGS SHALL BE NOTED IN WRITING AND APPROVED PRIOR TO SUBMITTING SHOP DRAWINGS FOR APPROVAL.
- IT IS ASSUMED THAT THE SELECTED G.C. AND HIS SUB-CONTRACTORS ARE EXPERIENCED AND QUALIFIED FOR THE TYPE OF CONSTRUCTION SHOWN. THE G.C. SHALL PROVIDE ALL SUB-CONTRACTORS WITH ALL RELATED DRAWINGS AND SPECIFICATIONS AND SHALL ALLOW COMPLETION OF THEIR WORK. ANY AND ALL QUESTIONS AND CLARIFICATIONS SHALL BE SUBMITTED IN WRITING BY FAX TO THE ARCHITECT AND ENGINEER BY THE G.C. ALLOW A MINIMUM OF THREE DAYS FOR WRITTEN RESPONSES.

**PROJECT TERMS AND DEFINITIONS**

- PROJECT TERMS & DEFINITIONS SHALL BE IN ACCORDANCE WITH THE FOLLOWING: AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES, JULY 1, 2007.
- DEFINITIONS SHALL BE AS FOLLOWS:
- ARCHITECT/ENGINEER** - THE OWNER'S DESIGNATED REPRESENTATIVE WITH FULL RESPONSIBILITY FOR THE DESIGN AND INTEGRITY OF THE STRUCTURE.
- CONTRACT DOCUMENTS** - THE DOCUMENTS WHICH DEFINE THE RESPONSIBILITIES OF THE PARTIES INVOLVED IN BIDDING, PURCHASING, SUPPLYING AND ERECTING STRUCTURAL STEEL. THESE DOCUMENTS CONSIST OF A CONTRACT, PLANS AND SPECIFICATIONS.
- DRAWINGS** - SHOP AND FIELD ERECTION DRAWINGS PREPARED BY THE FABRICATOR AND ERECTOR FOR THE PERFORMANCE OF THE WORK.
- ERECTOR** - THE PARTY RESPONSIBLE FOR THE ERECTION OF THE STRUCTURAL STEEL.
- FABRICATOR** - THE PARTY RESPONSIBLE FOR FURNISHING FABRICATED STRUCTURAL STEEL.
- OWNER** - THE OWNER OF THE PROPOSED STRUCTURE OR HIS DESIGNATED REPRESENTATIVES, WHO MAY BE THE ARCHITECT, ENGINEER, GENERAL CONTRACTOR, PUBLIC AUTHORITY OR OTHERS.
- PLANS** - DESIGN DRAWINGS FURNISHED BY THE PARTY RESPONSIBLE FOR THE DESIGN OF THE STRUCTURE.
- ONCE THE NOTICE TO PROCEED IS GIVEN BY THE OWNER, THE GENERAL CONTRACTOR IS TO PROVIDE THE STRUCTURAL ENGINEER A WRITTEN ITEMIZED SCHEDULE OF THE SHOP DRAWINGS SUBMITTAL DATES AND CONSTRUCTION SCHEDULE. THE GENERAL CONTRACTOR SHALL THEN FURNISH THE STRUCTURAL ENGINEER WITH A PROGRESS REPORT EVERY 30 DAYS NOTING ONLY STRUCTURAL ITEMS OF INTEREST.
- THE GENERAL CONTRACTOR SHALL FURNISH THE STRUCTURAL ENGINEER WITH A CERTIFIED SET OF FIELD USE DRAWINGS FOR ALL FABRICATED ITEMS, NOTE ALL CHANGED OR REVISED ITEMS THAT DO NOT AGREE WITH THE ORIGINAL CONTRACT DOCUMENTS.

**FOUNDATION & SLAB ON GRADE**

- CONCRETE SLAB ON GRADE IS TO BE PLACED ON ENGINEERED, COMPACTED FILL. COMPACTION IS TO BE IN ACCORDANCE WITH STANDARD PROCTOR AT OR NEAR OPTIMUM MOISTURE CONTENT. THE UPPERMOST 1'-6" OF FILL IS TO BE TO CORN STANDARD PROCTOR, OTHER IS TO BE 95%.
- A SUBSURFACE INVESTIGATION HAS NOT BEEN PERFORMED FOR THE PROJECT. THE FOUNDATION DESIGN IS BASED ON AN ASSUMED SOIL BEARING CAPACITY OF 2000 PSF. THE GENERAL CONTRACTOR IS TO PROVIDE ADEQUATE SOIL TESTING PERFORMED BY A LICENSED GEOTECHNICAL ENGINEER IN ORDER TO VERIFY THE ALLOWABLE BEARING CAPACITY. MODIFICATIONS TO THE DESIGN MAY BE REQUIRED BASED ON THE SUBSURFACE INVESTIGATION AND THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS.
- FOOTING ELEVATIONS/DEPTHS HAVE BEEN DEVELOPED USING AVAILABLE SITE INFORMATION. CONTRACTOR IS TO VERIFY ALL FOOTING ELEVATIONS/DEPTHS TO MAINTAIN A MINIMUM 36" OF COVER OVER TOP OF FOOTING OR 36" BELOW GRADE. ALL INTERIOR FOOTINGS ARE TO BE A MINIMUM OF 24" BELOW FINISHED FLOOR ELEV.
- POLY FIBER SLAB REINFORCEMENT SHALL NOT BE USED.

**CONCRETE & REINFORCING**

- CONCRETE FOR THE PROJECT IS TO BE:
 

STRENGTH	DENSITY	AIR ENTRAINMENT	USAGE
4000 PSI	150 PCF		FOOTINGS
4000 PSI	150 PCF		SLAB ON GRADE (INTERIOR)
4000 PSI	150 PCF	5 TO 7%	SLAB ON GRADE (EXTERIOR)
4000 PSI	150 PCF	5 TO 7%	BLDG/RET. WALLS
  - CONCRETE SLAB ON GRADE IS TO BE REINFORCED WITH #6-W4xW4 WELDED WIRE FABRIC PLACED ON SUPPORTS SO THAT THE REINFORCING IS AT THE MIDPOINT OF THE SLAB THICKNESS.
  - REINFORCING STEEL IS TO BE ASTM A601, GRADE 60, FABRICATED AND PLACED IN ACCORDANCE WITH ACI 308. PROVIDE AN ACI TYPE A TENSION SPLICE FOR ALL REINFORCING UNLESS SHOWN OR NOTED OTHERWISE ON THE DRAWINGS.
  - CONCRETE COVERAGE OF REINFORCING STEEL SHALL BE IN ACCORDANCE WITH THE FOLLOWING SCHEDULE UNLESS NOTED OTHERWISE.
 

A. FOOTINGS AND GRADE BEAMS	3 INCHES
B. BEAMS AND COLUMNS	1 1/2 INCHES
C. SLABS	3/4 INCHES
D. SLABS ON GRADE	2 INCHES
E. BLDG/RETAINING WALLS	2 INCHES
- GROUT**
- GROUT UNDER COLUMN BASE PLATES AND BEAM BEARING PLATES IS TO BE PLACED UNIFORMLY UNDER BEARING PLATES TO THE REQUIRED BEARING ELEVATION.
- NOTE: FLYASH NOT PERMITTED IN CONCRETE

**DESIGN LOADS:**

INTERNATIONAL BUILDING CODE, 2015 EDITION WITH PA UPDATES EFFECTIVE OCTOBER 1, 2018

**BUILDING CLASSIFICATION:**  
GROUP II (IBC 2015)  
GROUP 1 (ASCE 7-05/ASCE 7-10)

**LIVE LOADS:**  
LIVE LOAD ROOF: 20 PSF  
LIVE LOAD SLAB ON GRADE: 50 PSF  
ROOF DEAD LOAD: 2.5 PSF  
ROOF COLLATERAL LOAD: 2.0 PSF

**WIND**  
BASIC WIND SPEED: 115 MPH (3-sec gust)  
RISK CATEGORY II: ASCE 7-10  
EXPOSURE B  
BASIC VELOCITY PRESSURE: 28.78 psf  
BASIC WIND SPEED: 90 MPH (3-sec gust)  
ASCE 7-05

**MWFRS**  
EXPOSURE B  
BASIC VELOCITY PRESSURE: 17.6 psf  
q<sub>s</sub> = 0.0026K<sub>z</sub>K<sub>zt</sub>K<sub>d</sub>V<sub>z</sub><sup>2</sup>  
K<sub>d</sub> = .85  
K<sub>z</sub> = 1.0  
K<sub>zt</sub> = 1.0  
K<sub>d</sub> = 17.6(K<sub>z</sub>)

**SEISMIC**  
IBC 2015 WITH PA UPDATES DATED 10/18/18  
FRANKLIN COUNTY, PA 17202 (GUILFORD TOWNSHIP)  
SEISMIC USE GROUP I  
SEISMIC DESIGN CATEGORY B

**DESIGN STRUCTURAL SYSTEM:**  
BUILDING FRAME: ORDINARY MOMENT FRAMES (MF)/ORDINARY CONCENTRICALLY BRACED FRAMES (BF)  
SITE CLASS: D (ASSUMED)  
EQUivalent LATERAL FORCE PROCEDURE  
V = C<sub>s</sub>W  
EXPOSURE FACTOR C<sub>s</sub> = 0.195  
(MF) R = 3.5 C<sub>s</sub> S<sub>DS</sub> / 3.0 I<sub>e</sub> = 0.045W  
Cd = 3  
(BF) R = 3.25 C<sub>s</sub> S<sub>DS</sub> / 3.25 I<sub>e</sub> = 0.042W  
Cd = 3.25  
S<sub>s</sub> = 0.125 S<sub>MS</sub> = 0.201 S<sub>DS</sub> = 0.134  
S<sub>1</sub> = 0.052 S<sub>M1</sub> = 0.124 S<sub>D1</sub> = 0.083  
I<sub>e</sub> = 1.0

**ROOF SNOW LOAD ASCE 7**  
THERMAL FACTOR C<sub>t</sub> = 1.0  
EXPOSURE FACTOR C<sub>e</sub> = 0.9  
IMPORTANCE FACTOR I<sub>s</sub> = 1.0  
ROOF SLOPE FACTOR C<sub>s</sub> = 1.0  
SOIL BEARING 2000 PSF (ASSUMED)  
ARCH, MECH, COMPTS ANCHORED  
REDUCIBLE  
WIND BASE SHEAR V<sub>x</sub> = 12.6 kips, V<sub>y</sub> = 23.4 kips

**PRE-ENGINEERED METAL BUILDING**

- THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN, COORDINATION, FABRICATION AND ERECTION OF THE PRE-ENGINEERED METAL BUILDING SUPERSTRUCTURE INCLUDING COLUMN BASEPLATES AND ANCHORAGE. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS DETAILING ASPECTS OF THE BUILDING CONSTRUCTION AND DESIGN CALCULATIONS FOR REVIEW PRIOR TO FABRICATION. SHOP DRAWINGS AND CALCULATION SHALL BEAR THE SEAL AND SIGNATURE OF A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF PENNSYLVANIA.
- SHOP DRAWING REVIEW IS FOR CONFORMANCE TO DESIGN INTENT ONLY. THE ARCHITECT AND ENGINEER ASSUME NO RESPONSIBILITY FOR THE DESIGN OF THE METAL BUILDING SUPERSTRUCTURE AS A RESULT OF SHOP DRAWING REVIEW.
- SUBMIT THREE PRINTS OF SHOP DRAWINGS WITH THREE (3) SETS OF CALCULATIONS.
- THE LOCATION OF ANCHOR BOLTS, SIZE OF COLUMN BASE PLATES, LOCATION OF GIRTS, ETC. MUST BE VERIFIED AGAINST THE STRUCTURAL FRAMING ARRANGEMENT. ANY DEVIATIONS MUST BE BROUGHT TO THE ATTENTION OF THE ENGINEER. ALL SUCH DEVIATIONS MUST BE COORDINATED AND APPROVED BEFORE CONCRETE IS PLACED.
- MECHANICAL DUCTS AND PIPES ARE SUPPORTED BY THE ROOF GIRDERS & PURLINS. THE ROOF GIRDERS, PURLINS, AND ANY AUXILIARY SHALL BE DESIGNED TO SUPPORT SUCH LOADS. ALL INFORMATION (WEIGHTS AND LOCATIONS) PERTAINING TO MECHANICAL EQUIPMENT SUSPENDED FROM THE BUILDING ROOF SHALL BE SUBMITTED TO THE PRE-ENGINEERED METAL BUILDING ENGINEER FOR APPROVAL.
- DESIGN LOADS FOR PRE-ENGINEERED METAL BUILDINGS SHALL BE IN ACCORDANCE WITH NOTES ON THIS SHEET AND LOADS NOTED ON PLANS.
- ANCHOR BOLTS: DIAMETER TO BE COORDINATED WITH BASE PLATE REQUIREMENTS

**COLD FORMED METAL FRAMING NOTES:**

- ALL LIGHT-GAGE METAL STUDS AND/OR JOISTS AND ACCESSORIES SHALL BE OF THE TYPE, SIZE AND SPACING SHOWN ON THE DRAWINGS, AND SHALL BE MANUFACTURED BY DIETRICH INDUSTRIES, INC. OR APPROVED EQUAL. STUD RUNNER GAGE SHALL MATCH WALL STUD GAGE UNO.
- ALL MEMBERS SHALL BE CORROSION-RESISTANT STEEL, CORRESPONDING TO THE REQUIREMENTS OF ASTM A446, WITH A MINIMUM YIELD STRENGTH OF 50 OR 55 KSI FOR S1 AND CS-STYLE STUDS, 33 KSI FOR CS-RUNNERS.
- CUT ALL FRAMING COMPONENTS SQUARELY FOR ATTACHMENT TO PERPENDICULAR MEMBERS, OR, AS REQUIRED, FOR AN ANGULAR FIT AGAINST ADJUTING MEMBERS.
- STUDS SHALL BE INSTALLED IN A MANNER WHICH WILL ASSURE THAT THEIR ENDS ARE POSITIONED AGAINST THE INSIDE OF THE RUNNER W/ PRIOR TO FASTENING.
- FASTENING OF COMPONENTS SHALL BE WITH SELF-DRILLING SCREWS AS NOTED ON THE DRAWINGS.
- ABUTTING LENGTHS OF RUNNERS SHALL BE SECURELY ANCHORED TO A COMMON STRUCTURAL ELEMENT, BUTT-WELDED OR SPLICED.
- TEMPORARY BRACING, WHERE REQUIRED, SHALL BE PROVIDED UNTIL ERECTION IS COMPLETED.
- EXTERIOR WALL STUDS SHALL BE 3 5/8" x 1 5/8" x 1/2" Z0 GAGE @ 16" OC UNO WITH THE FOLLOWING MINIMUM SECTION PROPERTIES:
- 100CS-162-54: I<sub>x</sub> = 5.703 in.<sup>4</sup> S<sub>x</sub> = 2.622 in.<sup>3</sup> R<sub>x</sub> = 4.190 in.  
DESCRIPTION - 12, 16 GA - MIN, 1 5/8" FLANGE x 3/8" RETURN-HEADER
- 800CS-162-33: I<sub>x</sub> = 3.582 in.<sup>4</sup> S<sub>x</sub> = 0.896 in.<sup>3</sup> R<sub>x</sub> = 2.943 in.  
DESCRIPTION - 8", 20 GA - MIN, 1 5/8" FLANGE x 1/2" RETURN PURLIN IN/FILL - SEE 3/53
- 362S-162-33: I<sub>x</sub> = 0.591 in.<sup>4</sup> S<sub>x</sub> = 0.304 in.<sup>3</sup> R<sub>x</sub> = 1.450 in.  
DESCRIPTION - 3 5/8", 20 GA - MIN, 1 5/8" FLANGE x 1/2" RETURN LOAD BEARING WALLS/CEILING JOIST @ ENTRY
- 362S-162-33: I<sub>x</sub> = 0.591 in.<sup>4</sup> S<sub>x</sub> = 0.304 in.<sup>3</sup> R<sub>x</sub> = 1.450 in.  
DESCRIPTION - 3 5/8", 20 GA - MIN, 1 5/8" FLANGE x 1/2" RETURN TYPICAL INT. WALLS
- 4" Z0 GA STUDS WITH EQUAL PROPERTIES CAN BE SUBSTITUTED FOR 3 5/8"
- SUBMIT COMPLETE CALCULATIONS AND SHOP DRAWINGS FOR ALL METAL STUD COMPONENTS AND FRAMING. DETAILS SHALL INCLUDE ALL CONNECTIONS AND SPECIFY THE REQUIRED ATTACHMENT FOR THE ABOVE STATED WIND LOADS.

**MASONRY**

- ANCHOR ALL VENEER WALLS AT A MAXIMUM SPACING OF 16" OC UNO, & SPACED VERTICALLY AS FOLLOWS:
- WALL CONSTRUCTION TYPE**
- | WALL CONSTRUCTION TYPE        | WALL ANCHORS & HORIZONTAL JOINT REINFORCING |
|-------------------------------|---------------------------------------------|
| EXTERIOR WALLS                | TRUSS TYPE - 3/16" GAGE RODS                |
| METAL SIDING & MASONRY VENEER |                                             |
- NOTE: PLACE WALL ANCHOR @ EACH RB. FASTEN W/ 2 #10 TEK SCREWS OR AS DIRECTED BY MANUFACTURER. (24" OC.)  
NOTE: SUBMIT ABOVE FOR APPROVAL PRIOR TO START OF CONSTRUCTION

**SCHEDULE OF SPECIAL INSPECTION SERVICES**

- No special inspections required for this project
- |                                                                           |                                                                      |
|---------------------------------------------------------------------------|----------------------------------------------------------------------|
| <input type="checkbox"/> IT-1 Verification of Soils                       | <input type="checkbox"/> IT-11 Structural Masonry                    |
| <input type="checkbox"/> IT-2 Excavation and Fill                         | <input type="checkbox"/> IT-12 Welding                               |
| <input type="checkbox"/> IT-3 Piling and Drilling Piers                   | <input type="checkbox"/> IT-13 High Strength Bolts & Steel           |
| <input type="checkbox"/> IT-4 Modular Retaining Walls                     | <input type="checkbox"/> Framing Inspections                         |
| <input type="checkbox"/> IT-5 Reinforced Concrete                         | <input type="checkbox"/> IT-14 Sprayed Fire Resistance Materials     |
| <input type="checkbox"/> IT-6 Post Tension Slab                           | <input type="checkbox"/> IT-15 Exterior Insulation and Finish System |
| <input type="checkbox"/> IT-7 Pre-cast Concrete Erection                  | <input type="checkbox"/> IT-16 Seismic Resistance                    |
| <input type="checkbox"/> IT-8 Pre-stressed Concrete                       | <input type="checkbox"/> IT-17 Smoke Control                         |
| <input type="checkbox"/> IT-9 Inspection of Pre-Cast Fabricators          | <input type="checkbox"/> IT-18 Detention Basin                       |
| <input type="checkbox"/> IT-10 Inspection of Structural Steel Fabricators | <input type="checkbox"/> IT-19 Special Cases                         |

**1 TYPICAL SAW CUT JT.** 3/4" x 1'-0"

**2 TYPICAL CONST. JT.** 3/4" x 1'-0"

**3A SECTION @ EXT. SLAB** 3/4" x 1'-0"

**3 SECTION** 3/4" x 1'-0"

**4 SECTION AT TYPICAL WALL/ FTG CORNER BAR DETAILS** 3/4" x 1'-0"

**5 TYPICAL BOLLARD DETAIL** 3/4" x 1'-0"

**6 SECTION** 3/4" x 1'-0"

**7 TYPICAL HAIRPIN DETAIL** 3/8" x 1'-0"

**8 ANCHOR BOLT DETAIL** 3/4" x 1'-0"

**8A SECTION** 3/4" x 1'-0"

**9 SECTION @ STUD BASE** 1 1/2" x 1'-0"

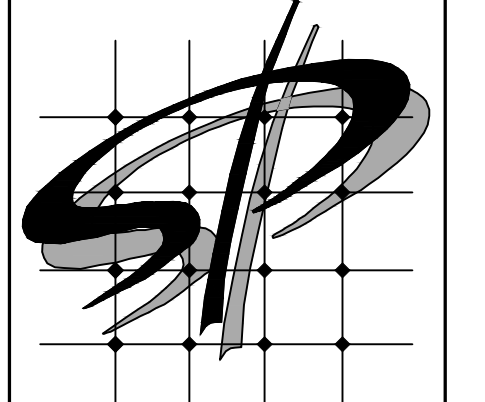
**10 SECTION AT EXTERIOR COLUMN** 3/4" x 1'-0"

**11 SECTION AT EXTERIOR COLUMN** 3/4" x 1'-0"

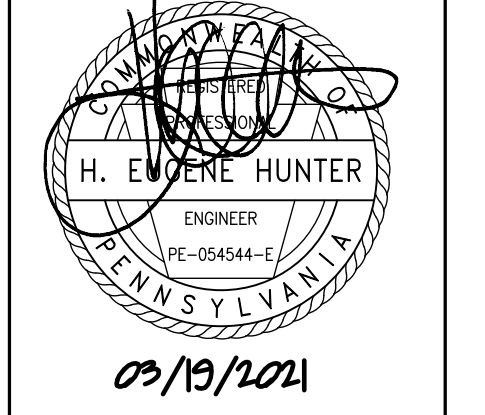
**Table 8: A. BOLT # EMBEDMENT HOOK PLATE**

3/8"	1'-8"	3"	R 1/2"x3"x3"
3/4"	1'-8"	4"	R 1/2"x3"x3"
1"	1'-8"	4"	R 1/2"x3"x3"
1 1/8"	1'-8"	7"	R 1/2"x3"x3"
1 3/8"	1'-8"	7"	R 1/2"x4"x4"

**H. EUGENE HUNTER, P.E.**  
Consulting Structural Engineer  
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(Phone) (704) 574-8083 (Fax) (980) 336-2121  
1088 Heather Glen Dr. Matthews, NC 28104



**STORE PLANNING INC.**  
3080 SENNA DRIVE  
Matthews, North Carolina 28105  
Phone: 704-841-7288  
Fax: 704-849-6997



#	DATE	REVISION

DOLLAR GENERAL #23228  
MOLLY PITCHER HIGHWAY  
FRANKLIN COUNTY PA  
MARION, PA

HEH Job: 4195

**DOLLAR GENERAL**

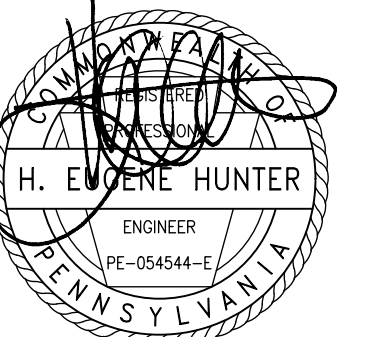
GENERAL NOTES & SECTIONS

SHEET TITLE

SPI Client DATE  
21017 03-19-21

SHEET NUMBER  
**S1**





#	DATE	REVISION

DOLLAR GENERAL #23228  
 MOLLY PITCHER HIGHWAY  
 FRANKLIN COUNTY PA  
 MARION, PA

HEH Job: 4195

**DOLLAR GENERAL**

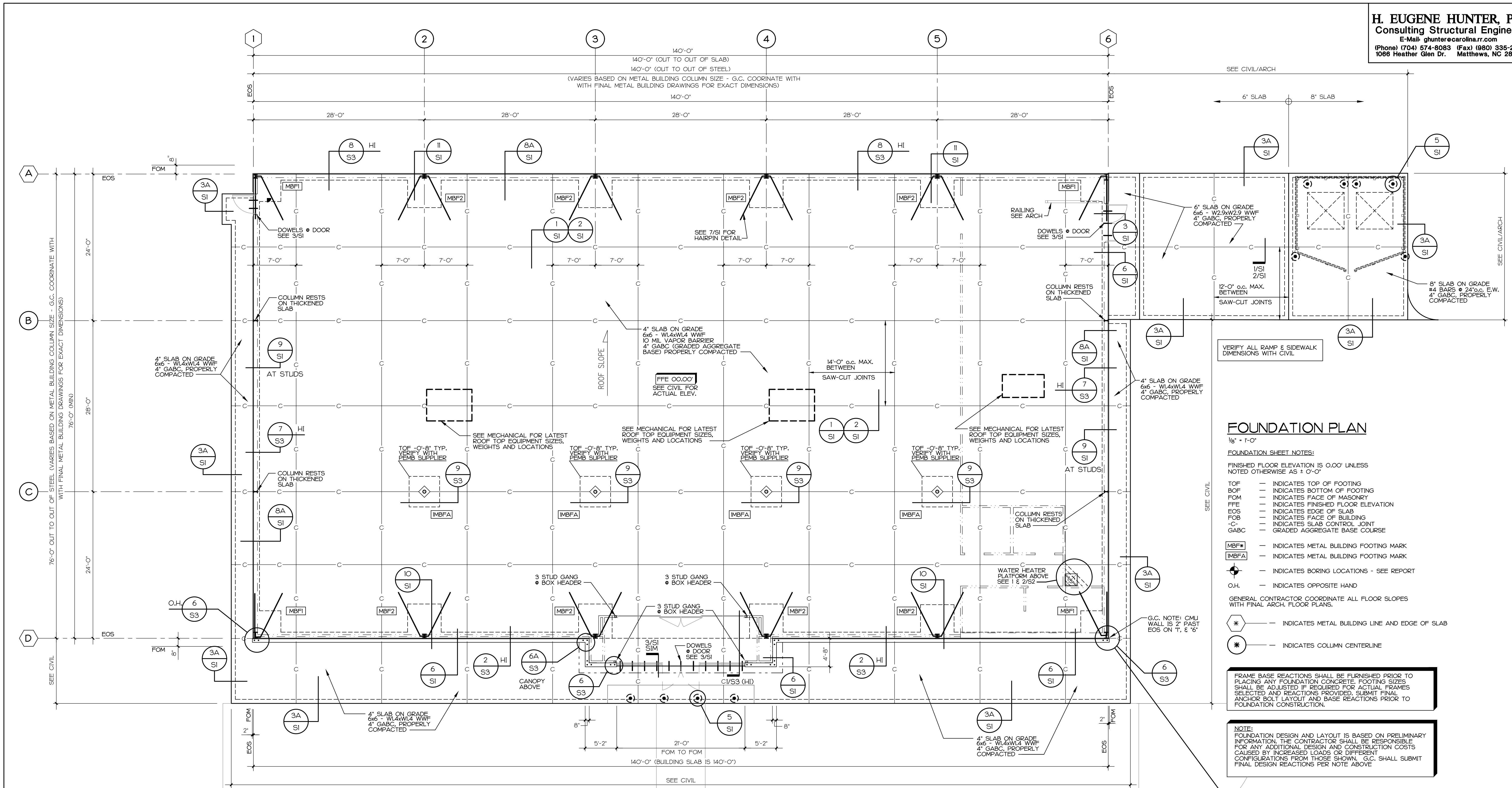
FOUNDATION PLAN

SHEET TITLE

SPI Client DATE  
 21017 03-19-21

SHEET NUMBER

**S2**



**FOUNDATION PLAN**  
 1/8" = 1'-0"

**FOUNDATION SHEET NOTES:**  
 FINISHED FLOOR ELEVATION IS 0.00' UNLESS NOTED OTHERWISE AS ± 0'-0"

TOP — INDICATES TOP OF FOOTING  
 BOF — INDICATES BOTTOM OF FOOTING  
 FOM — INDICATES FACE OF MASONRY  
 FFE — INDICATES FINISHED FLOOR ELEVATION  
 EOS — INDICATES EDGE OF SLAB  
 FOB — INDICATES FACE OF BUILDING  
 -C- — INDICATES SLAB CONTROL JOINT  
 GABC — GRADED AGGREGATE BASE COURSE

MBF# — INDICATES METAL BUILDING FOOTING MARK  
 IMBFA — INDICATES METAL BUILDING FOOTING MARK

⊕ — INDICATES BORING LOCATIONS - SEE REPORT  
 O.H. — INDICATES OPPOSITE HAND

GENERAL CONTRACTOR COORDINATE ALL FLOOR SLOPES WITH FINAL ARCH. FLOOR PLANS.

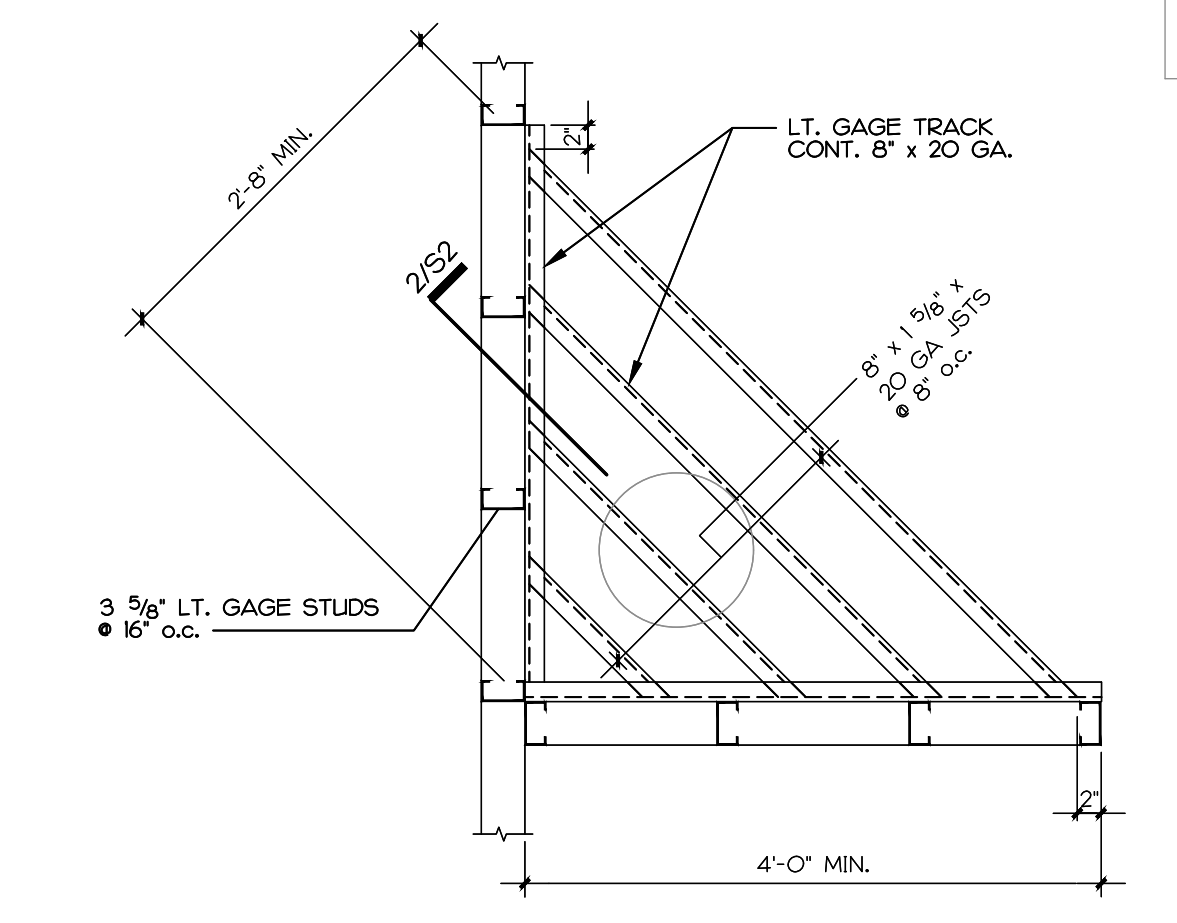
⊙ — INDICATES METAL BUILDING LINE AND EDGE OF SLAB  
 \* — INDICATES COLUMN CENTERLINE

FRAME BASE REACTIONS SHALL BE FURNISHED PRIOR TO PLACING ANY FOUNDATION CONCRETE. FOOTING SIZES SHALL BE ADJUSTED IF REQUIRED FOR ACTUAL FRAMES SELECTED AND REACTIONS PROVIDED. SUBMIT FINAL ANCHOR BOLT LAYOUT AND BASE REACTIONS PRIOR TO FOUNDATION CONSTRUCTION.

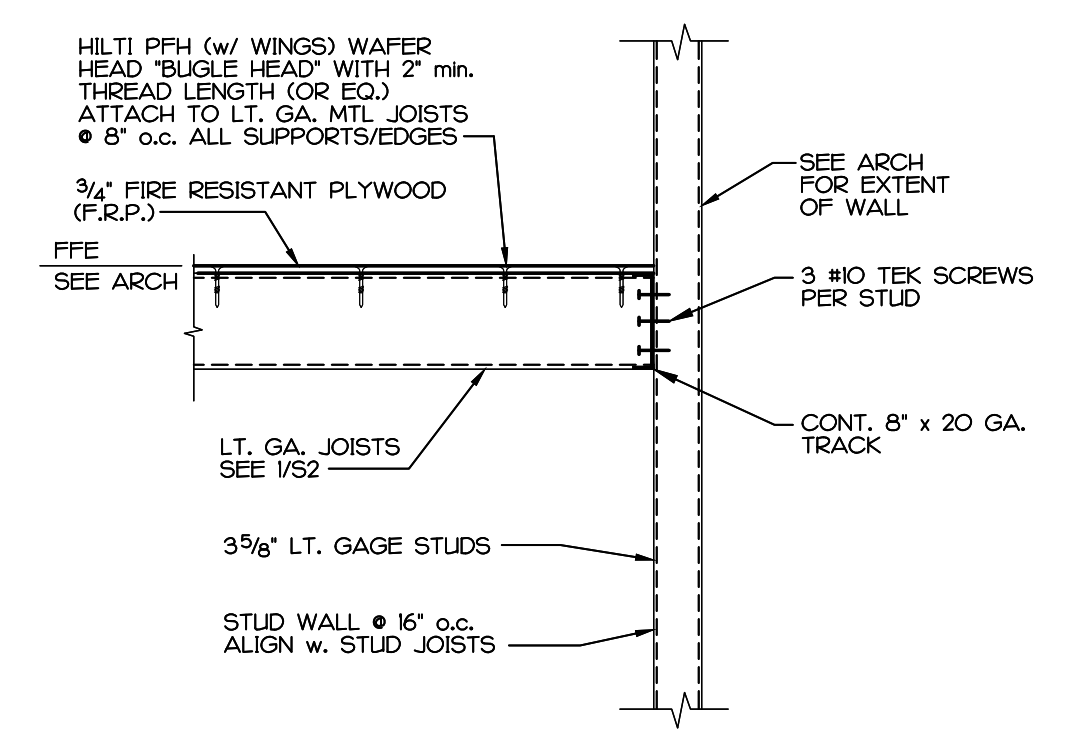
NOTE:  
 FOUNDATION DESIGN AND LAYOUT IS BASED ON PRELIMINARY INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ADDITIONAL DESIGN AND CONSTRUCTION COSTS CAUSED BY INCREASED LOADS OR DIFFERENT CONFIGURATIONS FROM THOSE SHOWN. G.C. SHALL SUBMIT FINAL DESIGN REACTIONS PER NOTE ABOVE.

**METAL BUILDING FOOTING SCHEDULE**

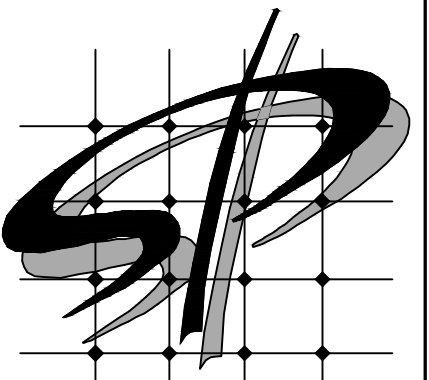
MARK	DEPTH	SIZE	REINFORCING EACH WAY	REMARKS
MBF1	36"	4'-6" x 4'-6"	4 #5 x 4'-0"	
MBF2	36"	5'-6" x 5'-6"	6 #5 x 5'-0"	
IMBFA	24"	6'-6" x 6'-6"	7 #5 x 6'-0"	INTERIOR FOOTING ONLY



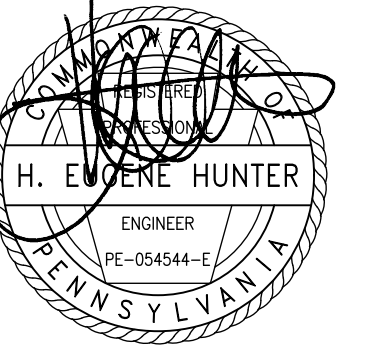
**1 WATER HEATER PLATFORM PLAN**  
 S2 3/4" = 1'-0"



**2 PLATFORM SECTION**  
 S2 3/4" = 1'-0"



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 3080 SENNA DRIVE  
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 Fax: 704-849-6997



03/19/2021

#	DATE	REVISION

DOLLAR GENERAL #23228  
 MOLLY PITCHER HIGHWAY  
 FRANKLIN COUNTY PA  
 MARION, PA

HEH Job: 4195

**DOLLAR GENERAL**

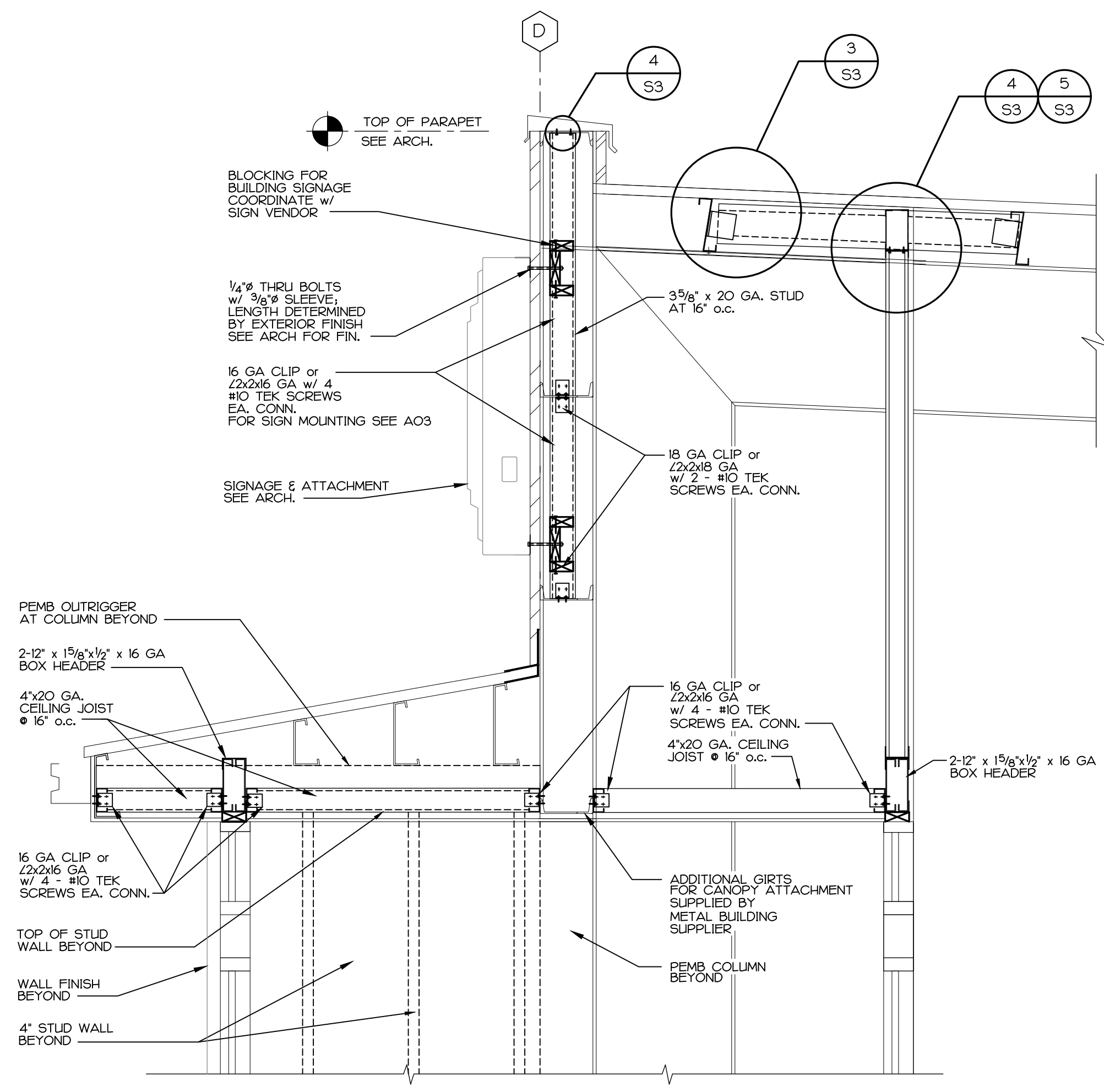
SECTIONS AND DETAILS

SHEET TITLE

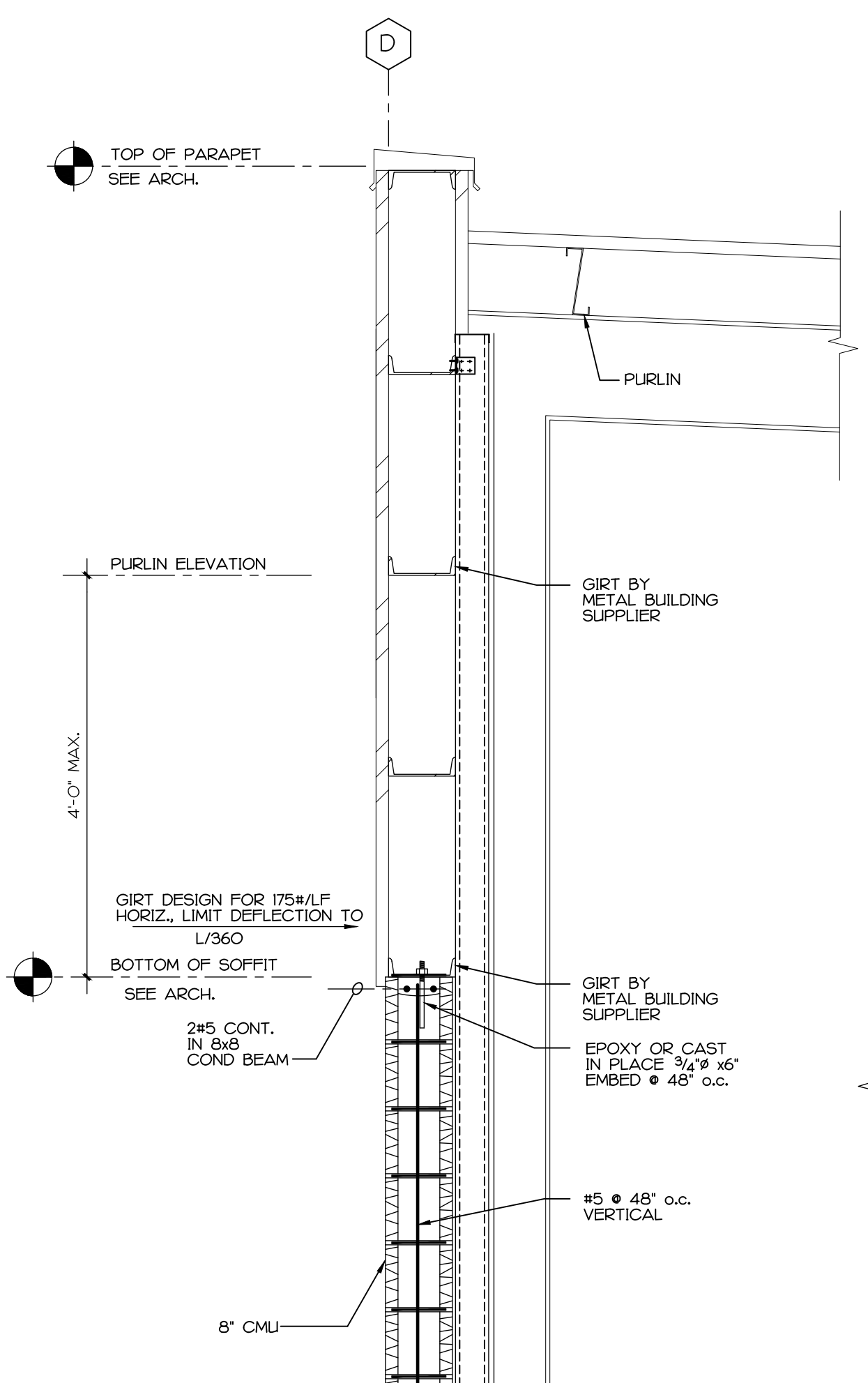
SPI Client 21017 DATE 03-19-21

SHEET NUMBER

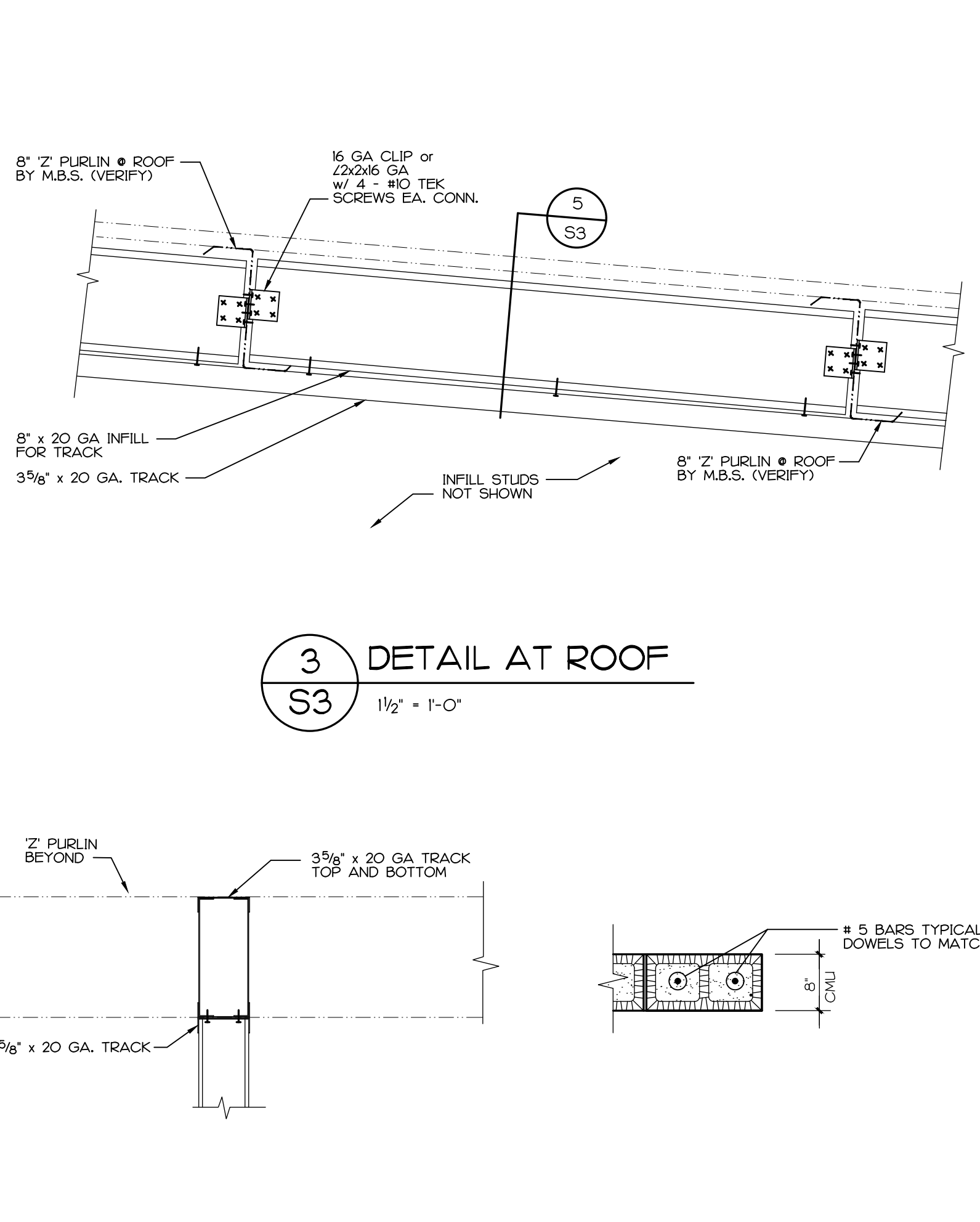
**S3**



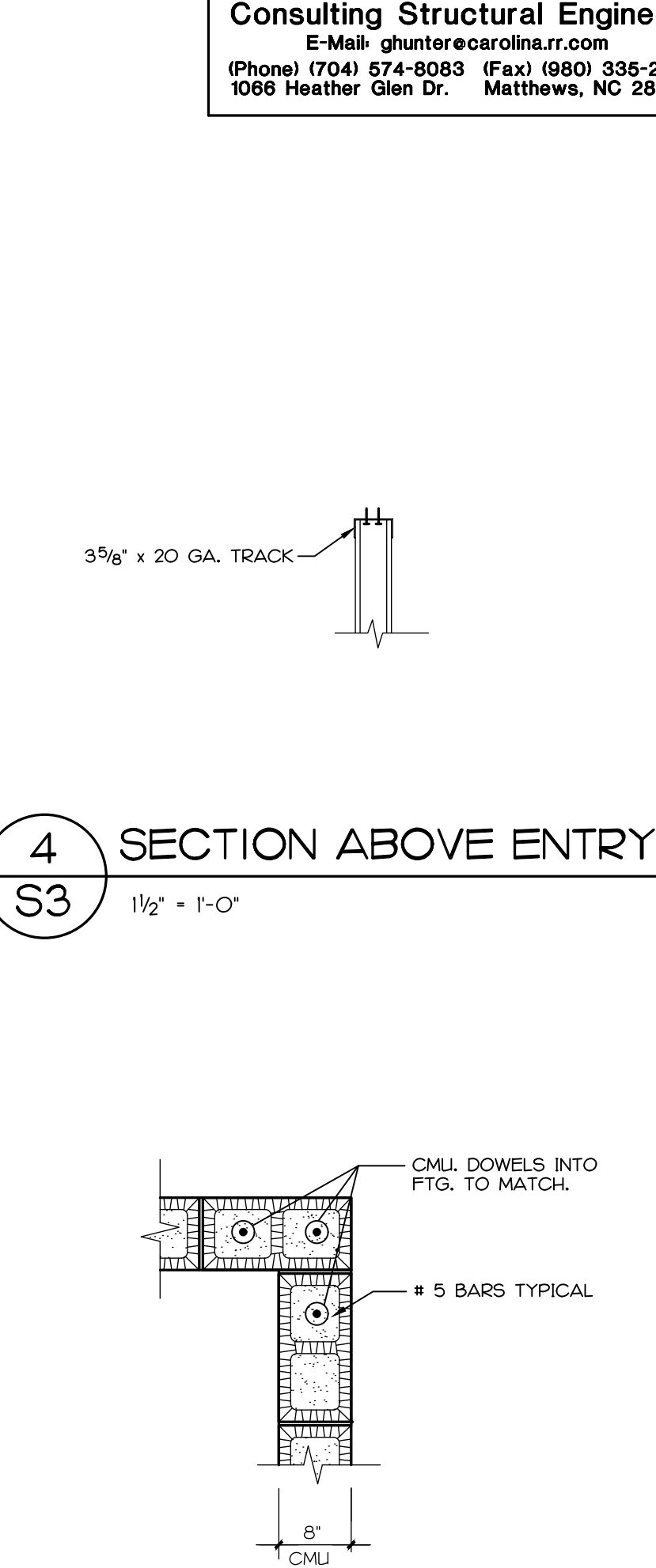
**1** SECTION AT STOREFRONT AT ROOF  
 S3 3/4" = 1'-0"



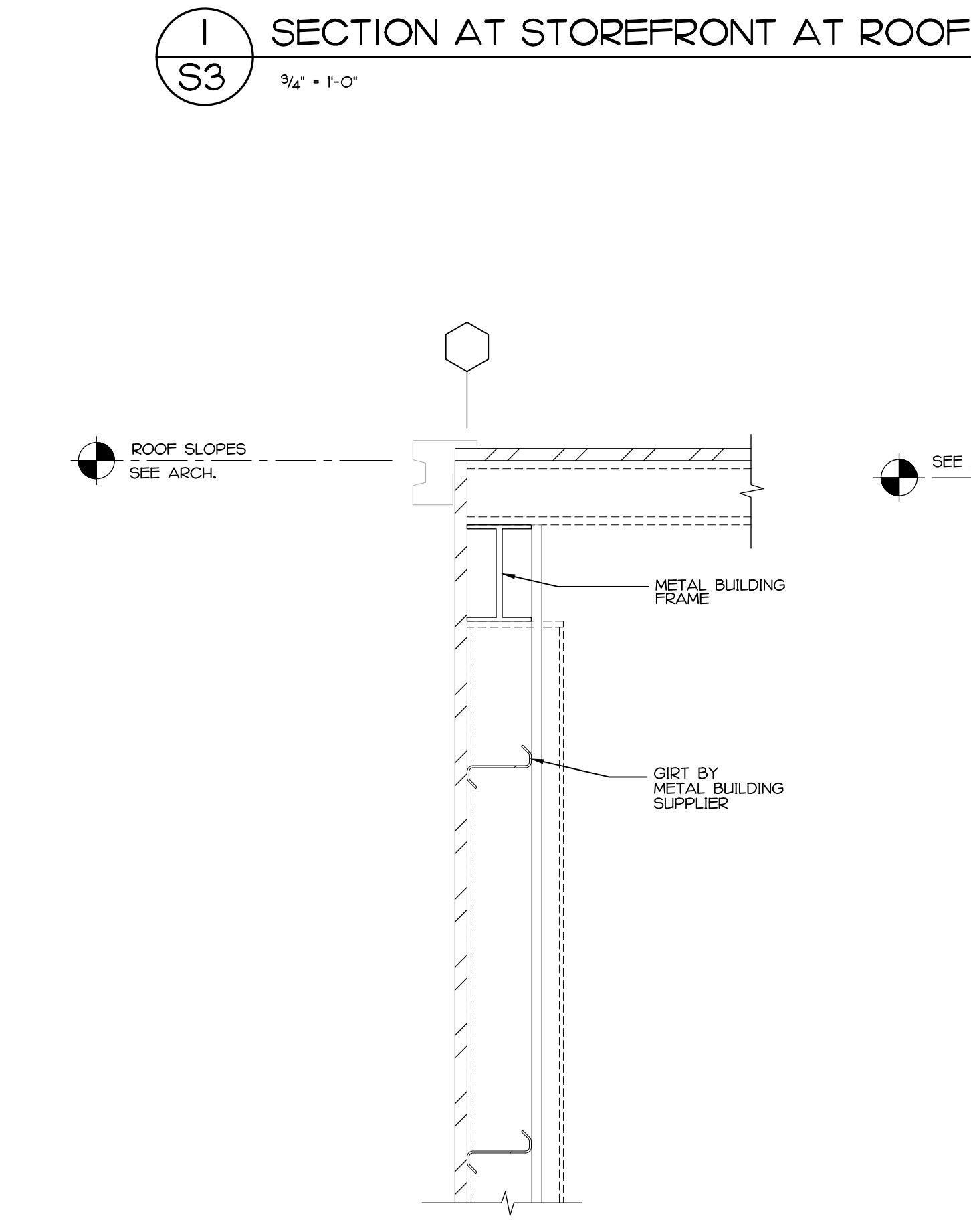
**2** SECTION AT ROOF  
 S3 3/4" = 1'-0"



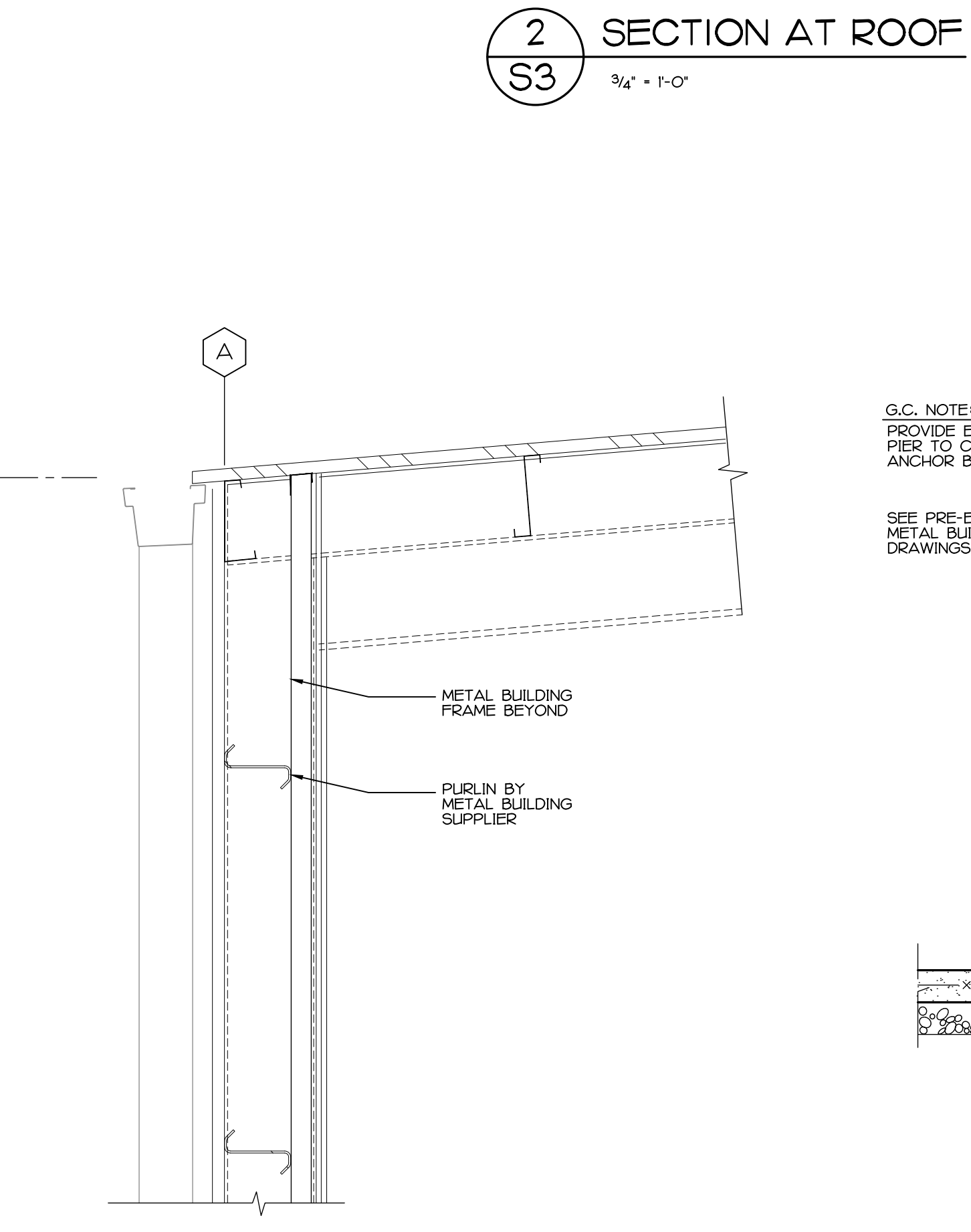
**3** DETAIL AT ROOF  
 S3 1/2" = 1'-0"



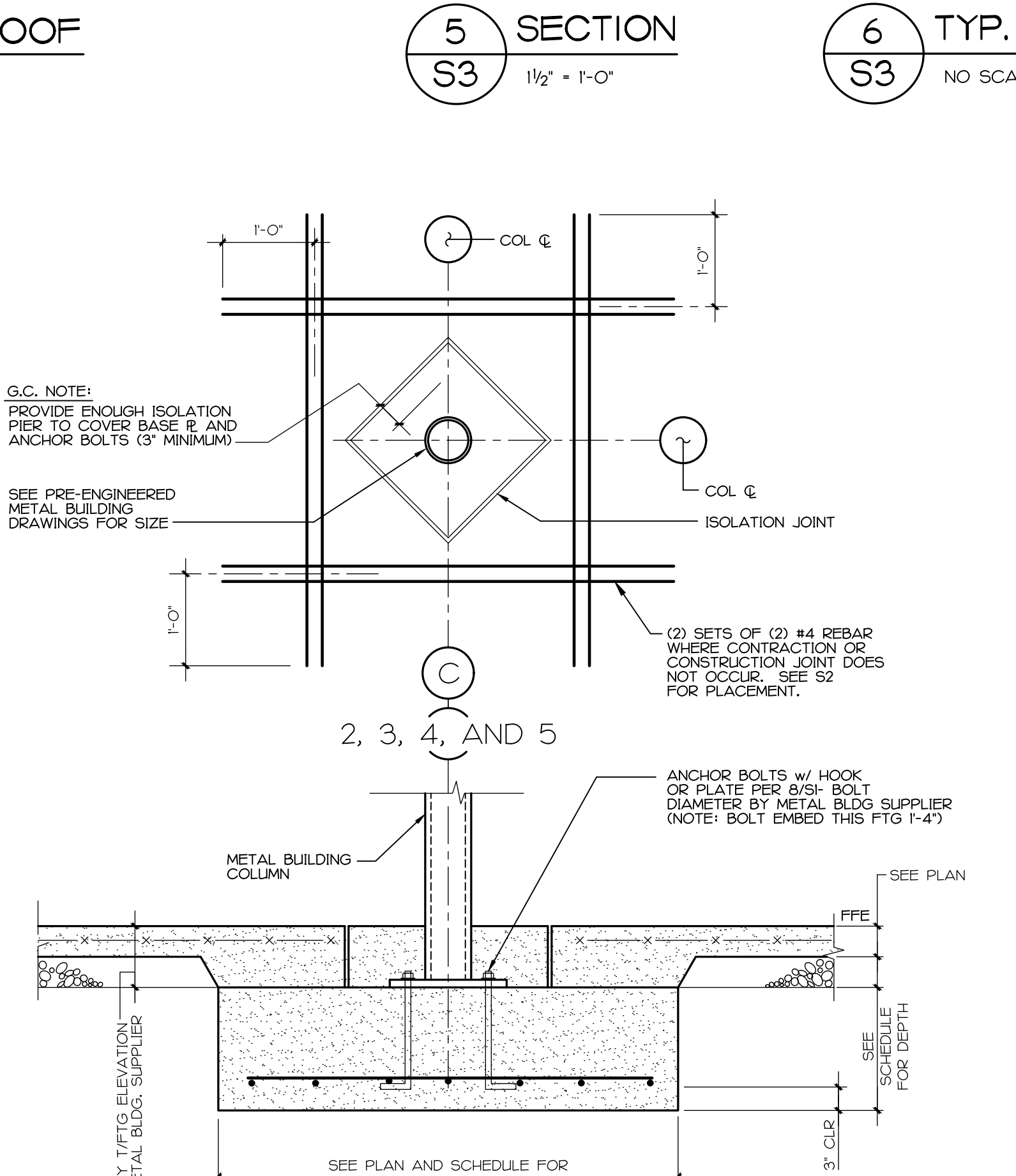
**4** SECTION ABOVE ENTRY  
 S3 1/2" = 1'-0"



**7** SECTION AT ROOF  
 S3 3/4" = 1'-0"



**8** SECTION AT ROOF  
 S3 3/4" = 1'-0"



**9** SECTION AT INTERIOR COLUMN  
 S3 3/4" = 1'-0"

**S3**



PLUMBING FIXTURE SCHEDULE

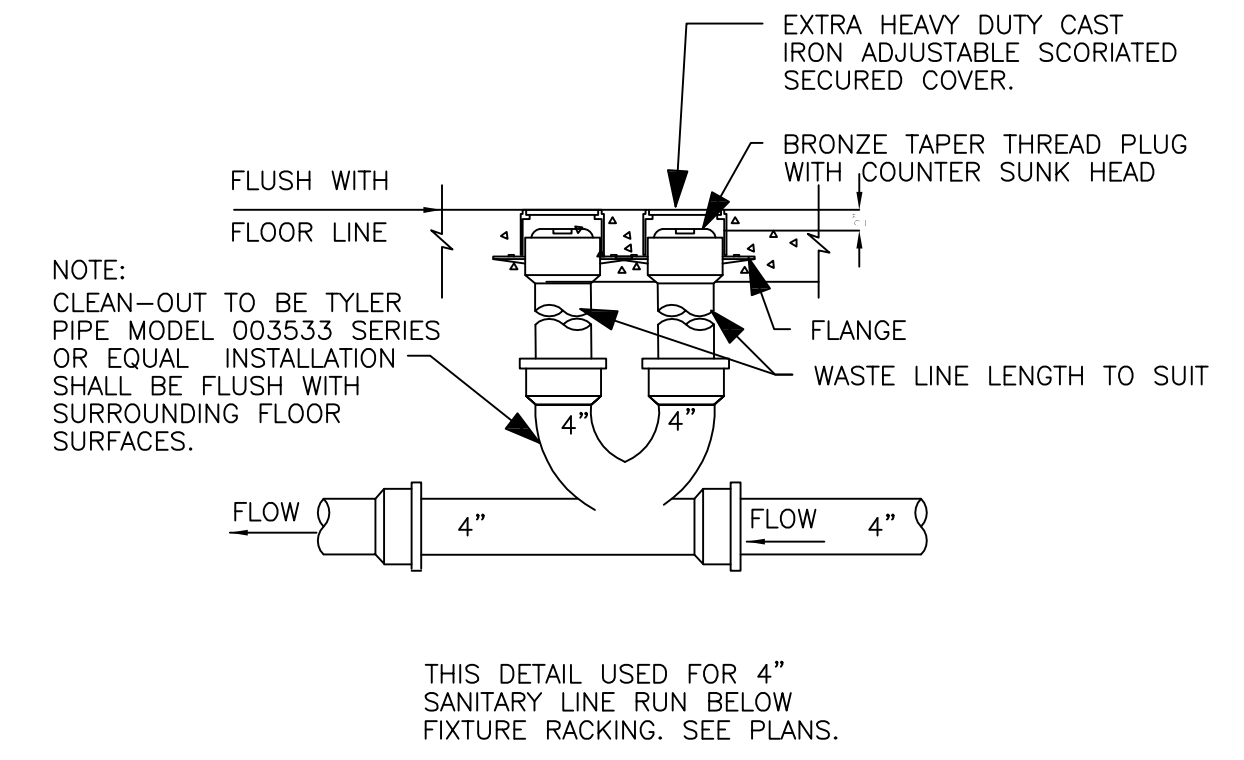
MARK	MODEL #	DESCRIPTION	CW	HW	SAN	VENT
W1	2002.014	"AMERICAN STANDARD "CHAMPION 4" ADA 16-1/2" H ELONGATED TWO PIECE FLUSH TANK TOILET WITH A.S. #5901 .001 OPEN FRONT SEAT WITH SELF-SUSTAINING CONCEALED CHECK HINGE AND ZURN Z8804 STANDARD ANGLE STOP. NOTE: TRIP SHALL BE ON WIDE SIDE OF WATER CLOSET.	1/2"	--	4"	2"
L1	0355.012	AMERICAN STANDARD "LUCERNE" WALL-HUNG LAVATORY WITH AMERICAN STANDARD 4" WRIST BLADE LAVATORY FAUCET WITH 0.5 GPM FLOW RESTRICTOR OUTLET SPRAY, 5501-170 (2) ZURN Z8804 STANDARD ANGLE STOPS, ZURN Z8743 STRAINER AND ZURN Z8700 P-TRAP. ZURN P6900-TM1 MIXING VALVE (ASSE 1070).	1/2"	1/2"	2"	2"
DF	EZTLRDDC	ELKAY "WATERSETRY" BARRIER-FREE SPLIT LEVEL WATER COOLER. CANE FINISH.	3/8"	--	2"	2"
MSB	MSB-24-24	FIAT 24"x24" MOP SERVICE BASIN WITH #830 AA, 889 CC, 1453 BB & 832 AA SERVICE FAUCET, WALL GUARD ANS MOP HANGER	3/4"	3/4"	2" P-TRAP	2"
FD	Z415-6B-P	6" ZURN FLOOR DRAIN WITH "TYPE B" ROUND STRAINER AND 1/2" TRAP PRIMER CONNECTION.	--	--	2"	2"
FS	Z1902-HD	12"x12" ZURN FLOOR SINK WITH 10" SUMP AND 1/2" FLUSH GRATE	--	--	SEE DRAWINGS FOR SIZE	2"
YCO	Z1400	ZURN "LEVEL-TROL" CAST IRON FLOOR CLEANOUT.	--	--	--	--
WCO	Z-1441	ZURN WALL CLEANOUT WITH ACCESS COVER.	--	--	--	--
WH	EJC-10	10 GALLON ELECTRIC WATER HEATER. 1.65kW @ 120V. A.O. SMITH #EJC-10 OR EQUAL. PROVIDE DRAIN PAN UNDER SHELF-MOUNTED WATER HEATER TERMINATE DRAIN LINE IN MOP SINK. PROVIDE FULL SIZE T&P RELIEF LINE, TERMINATE 2" ABOVE RIM LEVEL OF MOP SINK. INSTALL PER MANUFACTURER'S INSTRUCTIONS.	3/4"	3/4"	--	--
FPBH	Z-1320	ZURN NON-FREEZE, ENCASED WALL HYDRANT. SEE ARCHITECTURAL DRAWINGS FOR WALL THICKNESS.	3/4"	--	--	--
FCO	--	PROVIDE ADJUSTABLE FLOOR CLEANOUT WITH WATERTIGHT TAPERED THREADED PLUG AND ROUND SCORIED SECURED TOP, ADJUSTABLE TO FINISHED FLOOR. SIZE & INSTALL AS SHOWN ON PLANS. JOSAM, ZURN OR EQUAL.	--	--	PER PLAN	--

NOTES:  
1) PROVIDE TRUEBRO INSULATION KIT #102 ON PUBLIC LAVATORIES

PLUMBING LEGEND	
SYMBOL	DESCRIPTION
	COLD WATER PIPING (CW)
	HOT WATER PIPING (HW)
	SOIL/WASTE PIPING
	VENT PIPING (V)
	GAS PIPING (G)
	PIPE RISE
	PIPE DROP
	CONCENTRIC TRANSITION
	PRESSURE REDUCING VALVE
	SHUT-OFF VALVE
	DIELECTRIC UNION
	GAS COCK & REGULATOR
	GAS METER
	WATER METER
	HOSE BIBB OR WALL HYDRANT IN BOX
	CONNECTION TO CIVIL

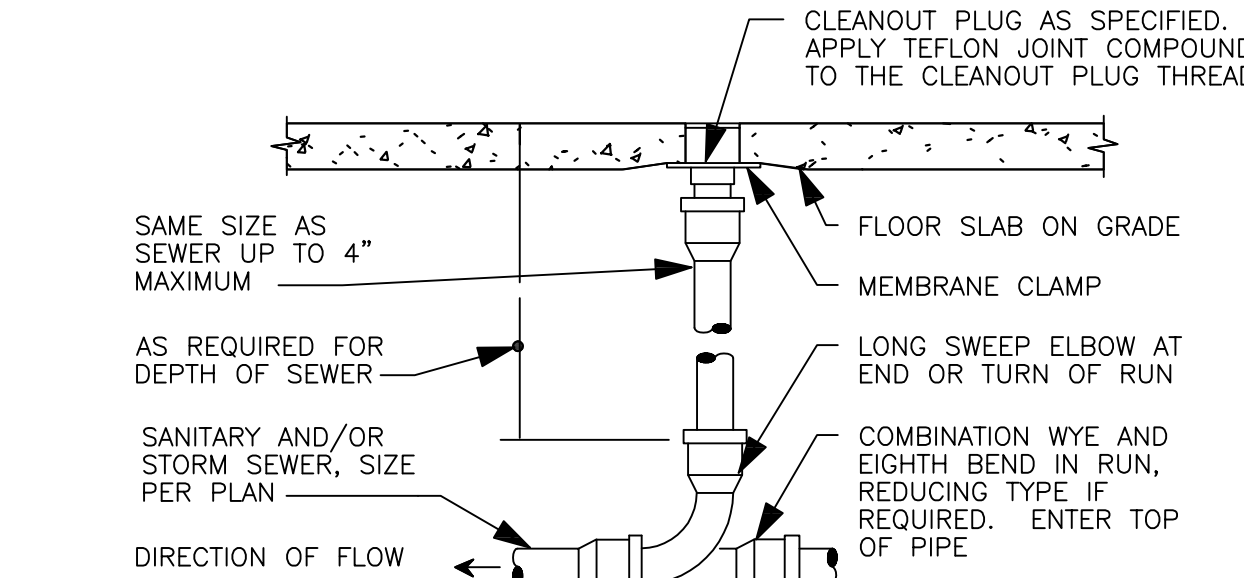
PLUMBING GENERAL NOTES

- ALL WORK AND MATERIAL SHALL BE IN COMPLIANCE WITH ALL APPLICABLE CODES AS ADOPTED AND AMENDED BY THE INSPECTING AUTHORITIES. NOTHING IN THESE DRAWING IS TO BE CONSTRUCTED TO PERMIT WORK NOT CONFORMING TO THE APPLICABLE CODES. IN THE EVENT OF CONFLICT BETWEEN THE CODE REQUIREMENTS AND THE DRAWINGS OR SPECIFICATIONS THE MOST STRINGENT SHALL PREVAIL.
- THESE DRAWINGS HAVE BEEN DEVELOPED FROM THE BEST AVAILABLE INFORMATION. CONTRACTOR SHALL FIELD VERIFY ALL FIELD CONDITIONS, DIMENSIONS, CLEARANCES, LOCATION OF EXISTING UTILITIES, ETC. PRIOR TO BIDDING, FABRICATION, OR INSTALLATION. DO NOT SCALE FROM THESE DRAWINGS. COORDINATE ALL STUB-UPS AND CONNECTIONS WITH MANUFACTURER INSTALLATION DATA.
- COORDINATE PLUMBING INSTALLATION AMONG TRADES TO AVOID INTERFERENCES.
- CONTRACTOR SHALL NOT PASS SANITARY, DOMESTIC WATER, VENT PIPING OR ANY OTHER TYPE OF PLUMBING DIRECTLY OVER ANY ELECTRICAL EQUIPMENT. COORDINATE WITH ELECTRICAL CONTRACTOR TO MAINTAIN ANY REQUIRED CLEARANCES.
- INSULATE ALL ABOVE GROUND DOMESTIC WATER PER SPECIFICATIONS.
- THE CONTRACTOR SHALL FURNISH ALL LABOR, INSTALL ALL MATERIAL AND EQUIPMENT AND INCLUDE SERVICES AND INCIDENTALS TO THE INSTALLATION OF WORK INVOLVED FOR A COMPLETE AND OPERATING FACILITY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ASSEMBLING ANY EQUIPMENT SHIPPED IN SECTIONS, IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL REQUIRED PERMITS, INSPECTIONS, AND PAY ALL FEES REQUIRED FOR THIS JOB.
- THE PIPING SYSTEM SHALL BE ARRANGED SO AS TO PREVENT WATER HAMMER. EACH ISOLATED FIXTURE SHALL HAVE A WATER HAMMER ARRESTOR ON THE WATER CONNECTION. ALL GROUPS OF FIXTURES SHALL CONNECT TO A WATER BRANCH WHICH SHALL END WITH A FULL SIZE WATER HAMMER ARRESTOR.
- THE PLUMBING CONTRACTOR SHALL PROVIDE AND INSTALL STANDARD 1/2"x3/8" COMPRESSION ANGLE STOPS ON ALL WATER LINES UNLESS ANOTHER TYPE OF VALVE IS SPECIFIED.
- SANITARY SEWER AND VENT PIPING SHALL BE SCHEDULE 40 PVC UNLESS LOCATED IN AN HVAC RETURN PLENUM, SANITARY AND VENT PIPING LOCATED IN AN HVAC RETURN PLENUM TO BE CAST IRON.
- ALL VENTS TO PENETRATE THROUGH ROOF (VTR) AND SHALL EXTEND A MINIMUM OF 12" ABOVE ROOF AND SHALL TERMINATE A MINIMUM OF 10'-0" FROM ALL OUTSIDE AIR INTAKES.
- ALL ROOF PENETRATIONS FOR PLUMBING PIPING SHALL BE MADE IN ACCORDANCE WITH ROOF SYSTEM MANUFACTURER GUIDELINES. COORDINATE WITH ARCHITECTURAL.
- COPPER PIPING JOINTS SHALL BE SOLDERED USING SOLDER FILLER METAL (ASTM B-32) 95-5 TINANTIMONY.
- ALL PENETRATIONS THROUGH MASONRY WALLS WILL BE CORE DRILLED AND SLEEVED.
  - A. SLEEVES ARE REQUIRED WHERE A PIPE PASSES THROUGH A WALL OR FLOOR. PIPES PASSING THROUGH A WALL OR FLOOR MUST BE INDIVIDUALLY SLEEVED UNLESS APPROVED BY ARCHITECT.
  - B. SLEEVES SHALL FINISH FLUSH WITH THE WALL FINISH AND SHALL FINISH 1/4" ABOVE FINISH FLOOR.
  - C. SLEEVES SHALL BE AS FOLLOWS:
    - THROUGH MASONRY WALLS - GALVANIZED STEEL PIPE, CUT EDGES PAINTED.
    - THROUGH PARTITIONS AND FLOOR - SCHEDULE 40 PVC.
- ALL FLOOR DRAINS, FLOOR SINKS, AND HUB DRAINS SHALL BE INSTALLED WITH A TRAP PRIMER CONNECTION AND PROVIDED WITH A TRAP PRIMER, TO BE "PRECISION PLUMBING PRODUCTS" (PRIMERITE PR-500) OR EQUIVALENT. USE DISTRIBUTION BLOCKS AS REQUIRED. TRAP PRIMERS SHALL BE LOCATED TO FACILITATE EASE OF MAINTENANCE. TRAP GUARD FLOOR DRAIN INSERTS, BY PROSET, ARE AN APPROVED SUBSTITUTION IF APPROVED BY LOCAL JURISDICTION AND OWNER.
- GAS SERVICE CONNECTION LOCATION(S) SHOWN ON ENGINEERING DRAWINGS IS BASED ON THE BEST INFORMATION AVAILABLE FROM THE CIVIL ENGINEER. GAS CONTRACTOR IS TO CONFIRM THE GAS SERVICE CONNECTION LOCATION(S) WITH THE GAS COMPANY PROVIDING SERVICE PRIOR TO CONSTRUCTION. GAS CONTRACTOR SHALL COORDINATE THE GAS PIPING SERVICE LOCATION WITH THE SITE CONTRACTOR.
- PORTIONS OF FUEL GAS PIPING INSTALLED IN CONCEALED LOCATIONS SHALL NOT HAVE UNIONS, TUBING FITTINGS, RIGHT AND LEFT COUPLINGS, BUSHINGS, COMPRESSION COUPLINGS AND SWING JOINTS MADE BY COMBINATIONS OF FITTINGS OR OTHERWISE THE FUEL GAS PIPING MUST BE SLEEVED AND THE SLEEVE MUST VENT TO ATMOSPHERE. VENTING OF THE SLEEVE SHALL BE ACCOMPLISHED TO PREVENT THE ENTRANCE OF WATER OR INSECTS.
- ALL GAS PIPING INSTALLED OUTDOORS SHALL BE ELEVATED NOT LESS THAN 3/8" ABOVE GROUND AND WHERE INSTALLED ACROSS ROOF SURFACES, SHALL BE ELEVATED NOT LESS THAN 3/8" ABOVE THE ROOF SURFACE. PAINT GAS PIPE.
- LABEL ALL PIPING PER ANSI STANDARDS WITH SERVICE AND TENANT SPACE. LABELS MUST BE LEGIBLE FROM FINISHED FLOOR WITH CEILING REMOVED.

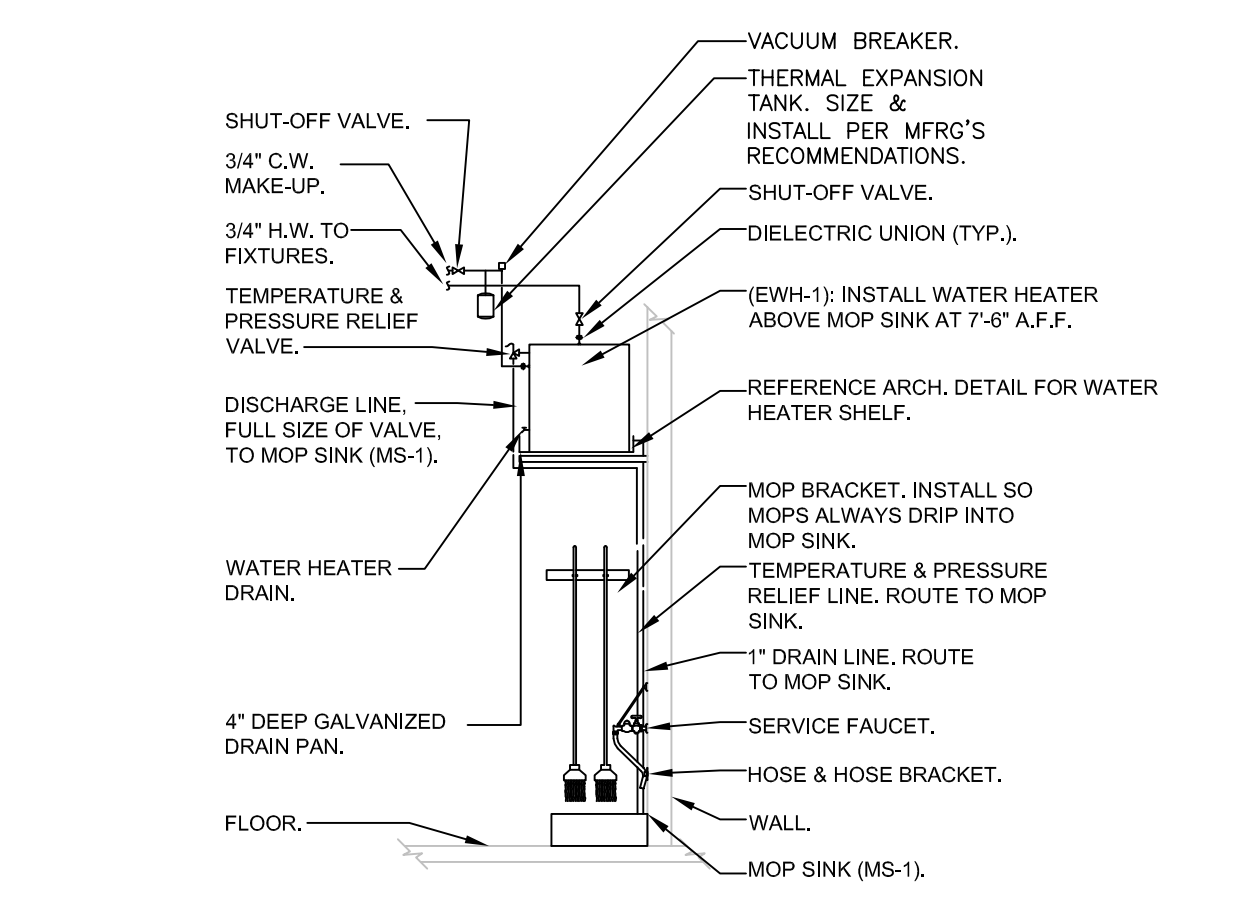


1 2-WAY YARD CLEAN OUT DETAIL  
SCALE: 1-1/2" = 1'-0"

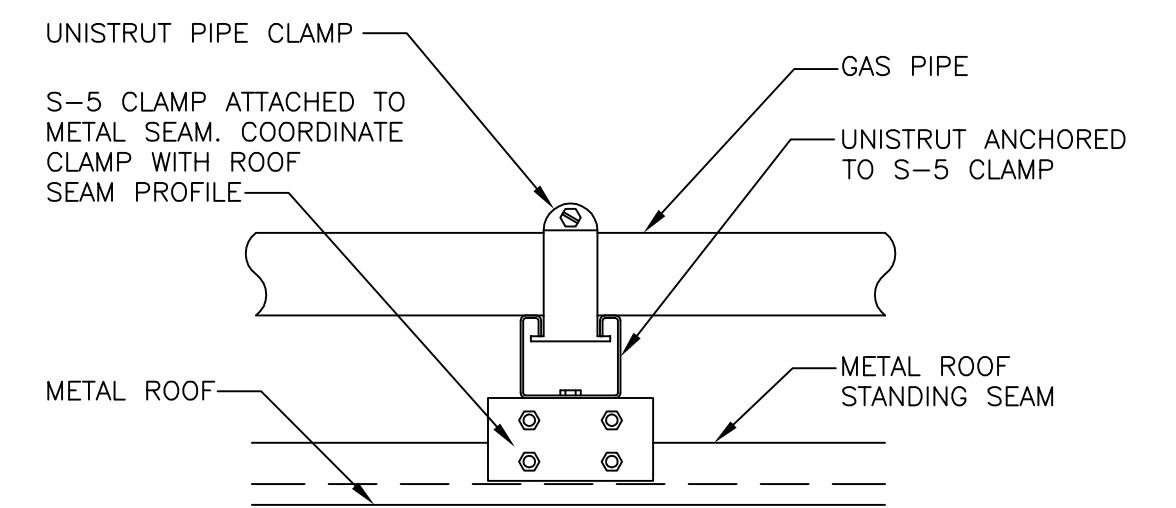
PROVIDE CLEANOUT WITH ADJUSTABLE CLEANOUT TOP WITH VARIATIONS SUITABLE FOR FLOOR COVERING (CARPET MARKER, RECESSED FOR TILE, SCORIED FOR UNFINISHED FLOORS). CLEAN THE TOP OF EXPOSED FCO AFTER INSTALLATION.



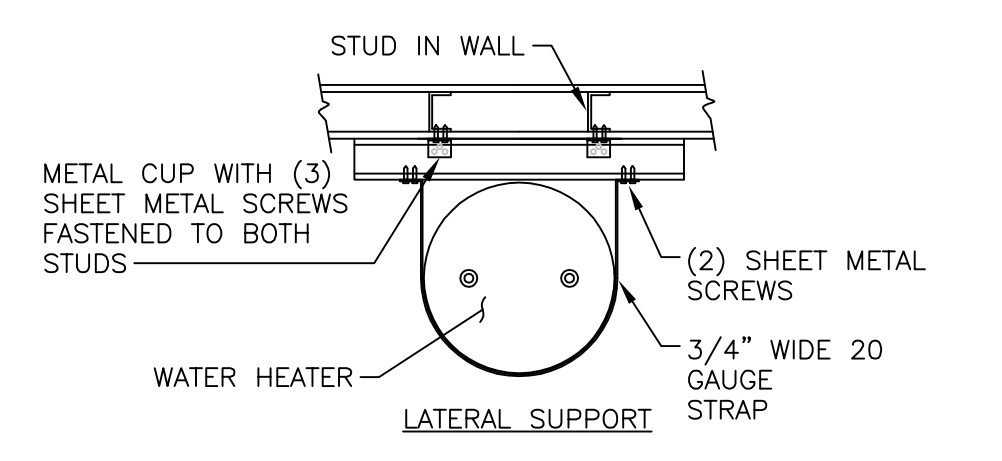
2 FLOOR CLEAN OUT DETAIL  
SCALE: 1-1/2" = 1'-0"



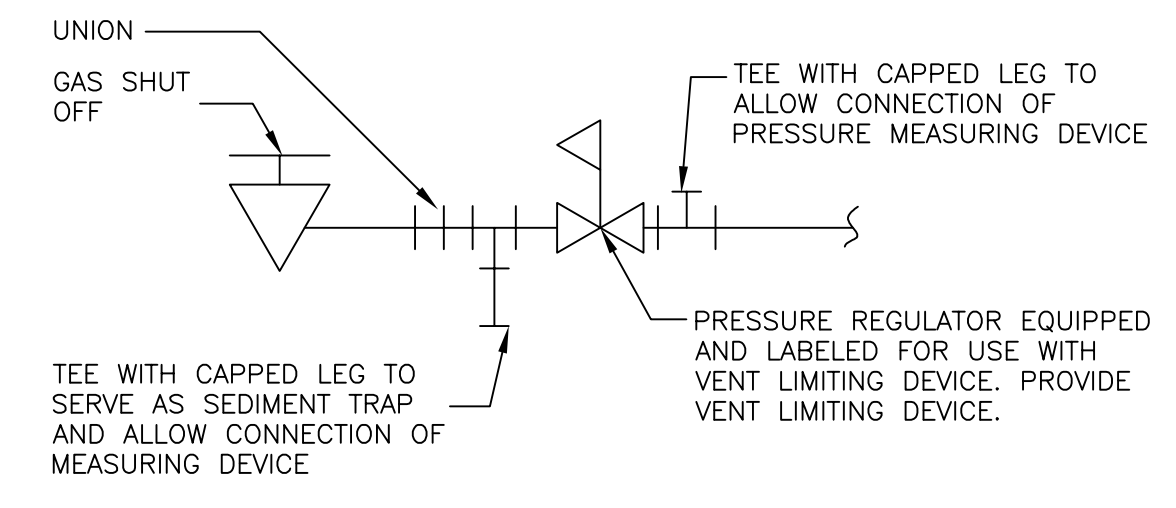
3 MOP SINK DETAIL  
SCALE: 1" = 1'-0"



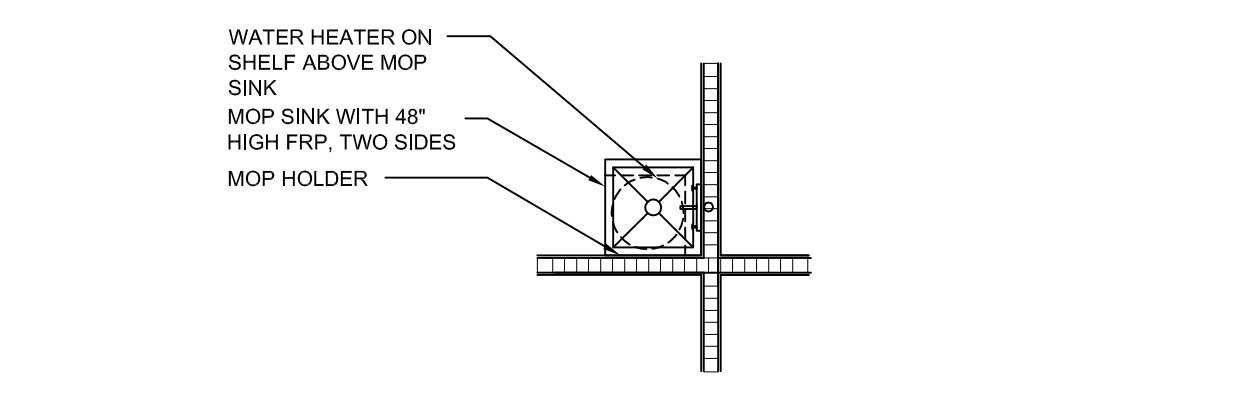
6 ROOF MOUNTING PIPE SUPPORT  
SCALE: NONE



5 WATER HEATER STRAPPING DETAIL  
SCALE: NONE



7 GAS PRESSURE REGULATOR SCHEMATIC  
SCALE: DIAGRAMMATIC



4 LARGE SCALE MOP SINK PLAN  
SCALE: 1/4" = 1'-0"



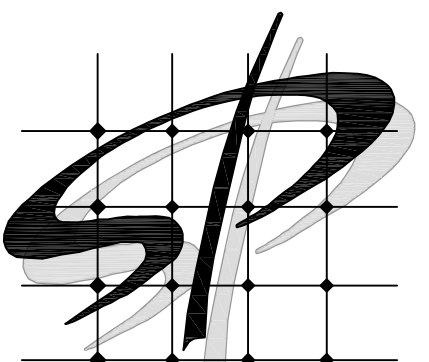
#	DATE	REVISION

DOLLAR GENERAL #23228  
MOLLY PITCHER HIGHWAY  
FRANKLIN COUNTY PA  
MARION, PA 17235

**DOLLAR GENERAL**  
PLUMBING DETAILS & NOTES  
SHEET TITLE

SPI Client	DATE
21017	3-19-21

SHEET NUMBER  
**P0.1**



STORE PLANNING Inc  
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#	DATE	REVISION

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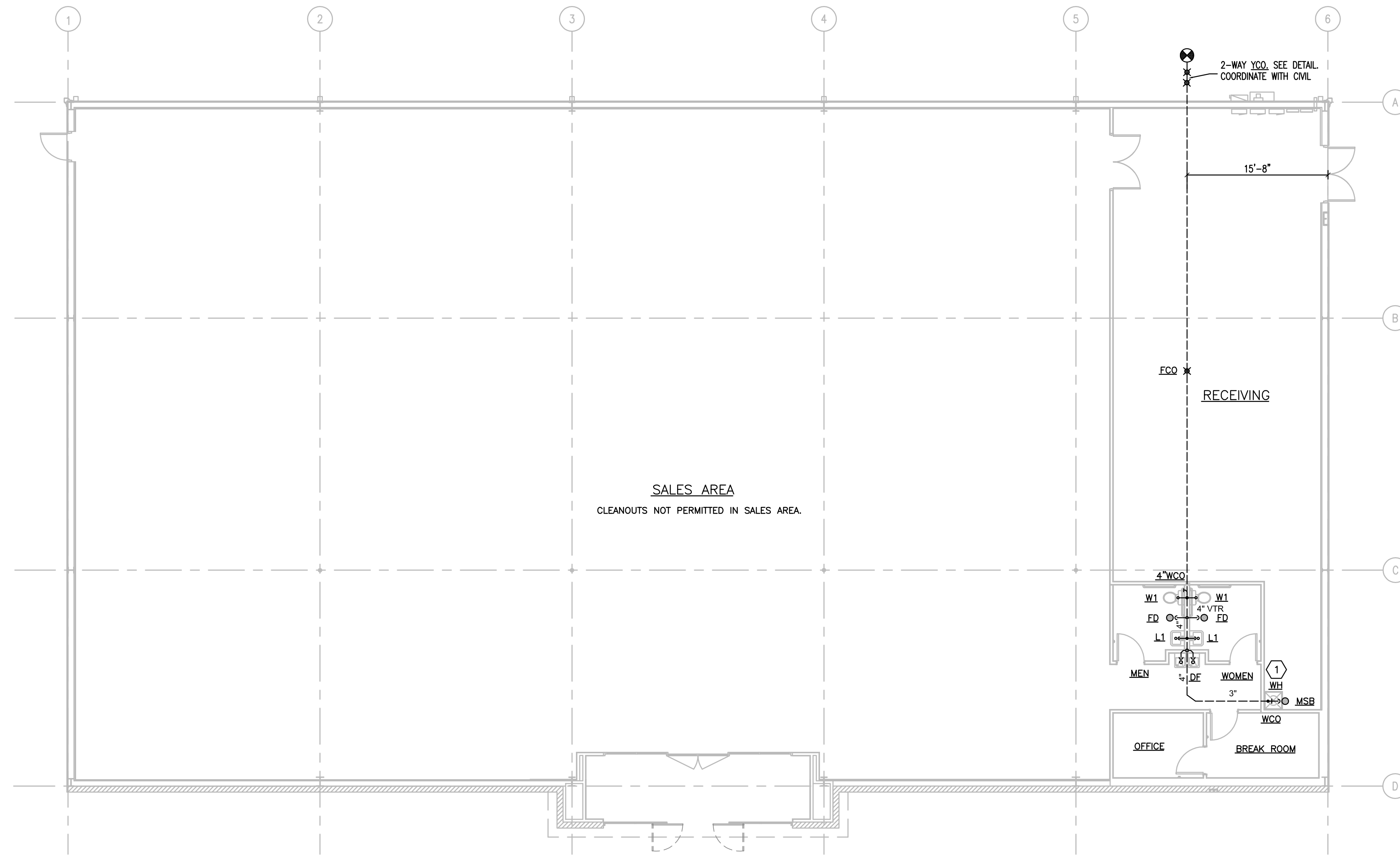
**DOLLAR GENERAL**

SANITARY PLAN

SHEET TITLE

SPI Client	DATE
21017	3-19-21

SHEET NUMBER  
**P1.1**

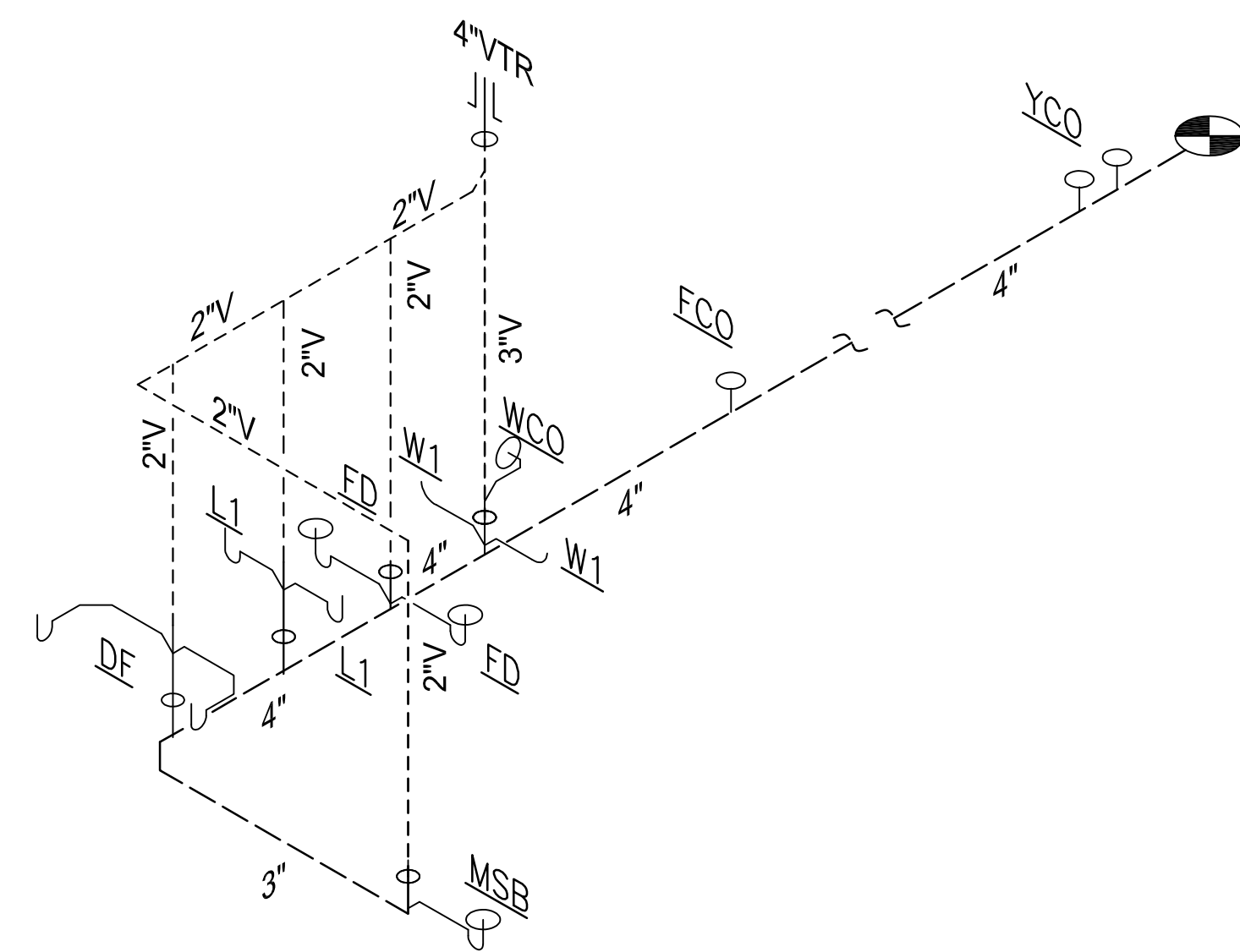


**1 SANITARY PLAN**  
 P1.1 SCALE: 1/8" = 1'-0"

- NOTES:
1. CONNECTION TO PUBLIC SANITARY PER CIVIL DESIGN.
  2. SEPTIC SYSTEM NOT ALLOWED UNLESS WRITTEN APPROVAL BY DOLLAR GENERAL STORE DESIGN.
  3. HOLDING TANK SYSTEMS NOT ALLOWED.
  4. LIFT STATIONS ARE NOT ALLOWED WITHOUT DOLLAR GENERAL APPROVAL.
  5. CONTRACTOR RESPONSIBLE FOR ALL PUBLIC UTILITY CONNECTIONS (GAS WATER, ELECTRIC, SEPTIC) AS WELL AS INFRASTRUCTURE REQUIRED BY UTILITY COMPANY.
  6. PROVIDE WALL MOUNTED CLEAN OUTS AT LAVATORIES.

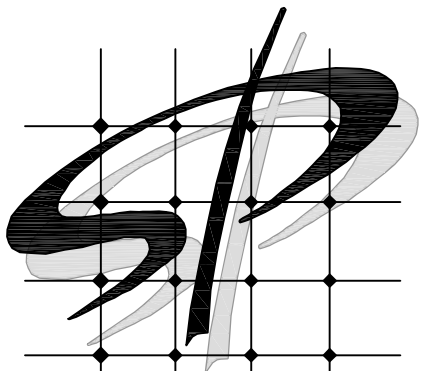
**PLUMBING KEYED NOTES**

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 SANITARY ISOMETRIC**  
 P1.1 SCALE: NOT TO SCALE





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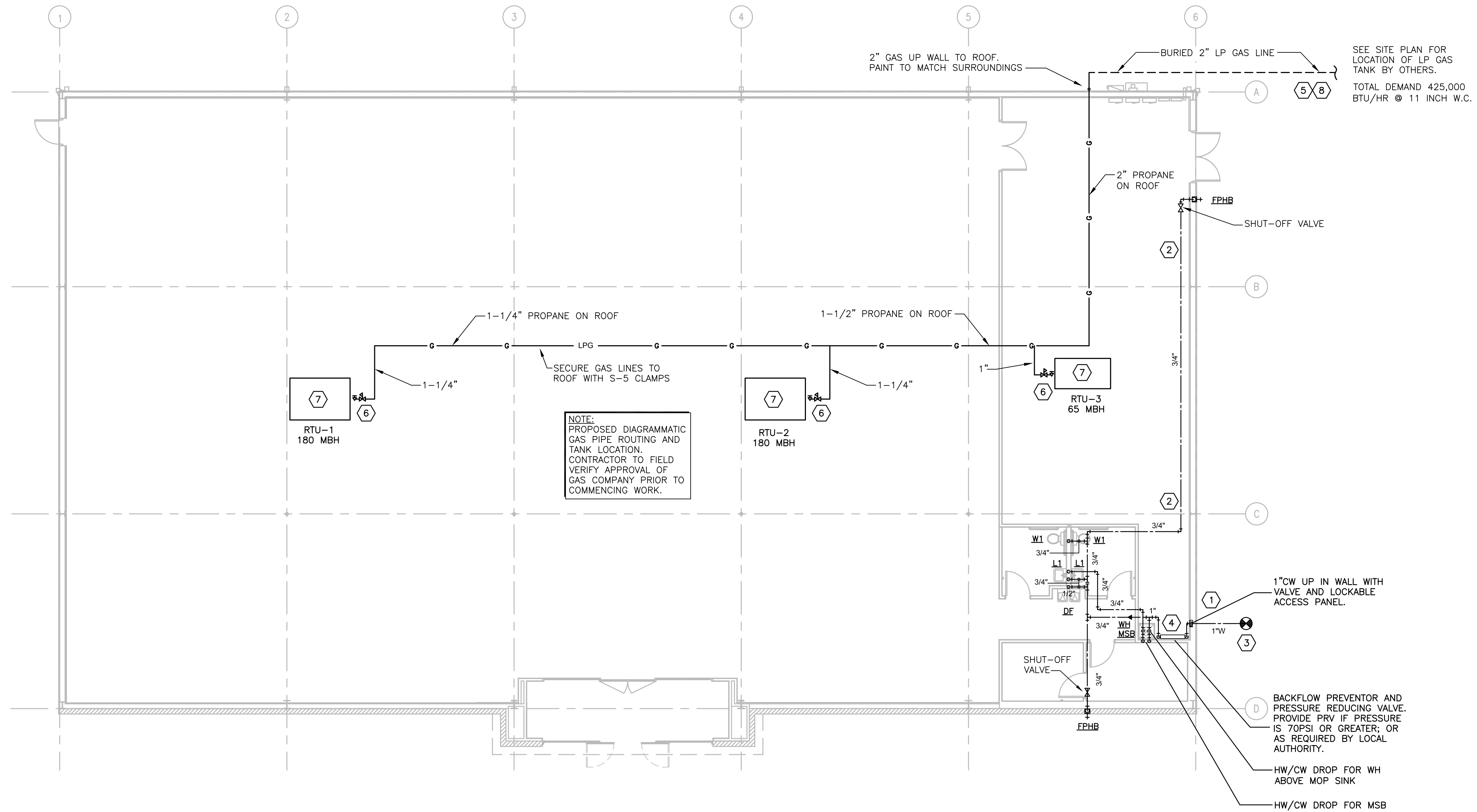
#	DATE	REVISION

DOLLAR GENERAL #23228  
 MOLLY PITCHER HIGHWAY  
 FRANKLIN COUNTY PA  
 MARION, PA 17235

**DOLLAR GENERAL**  
 SHEET TITLE  
 DOMESTIC WATER & GAS PIPING PLAN

SPI Client	DATE
21017	3-19-21

SHEET NUMBER  
**P2.1**



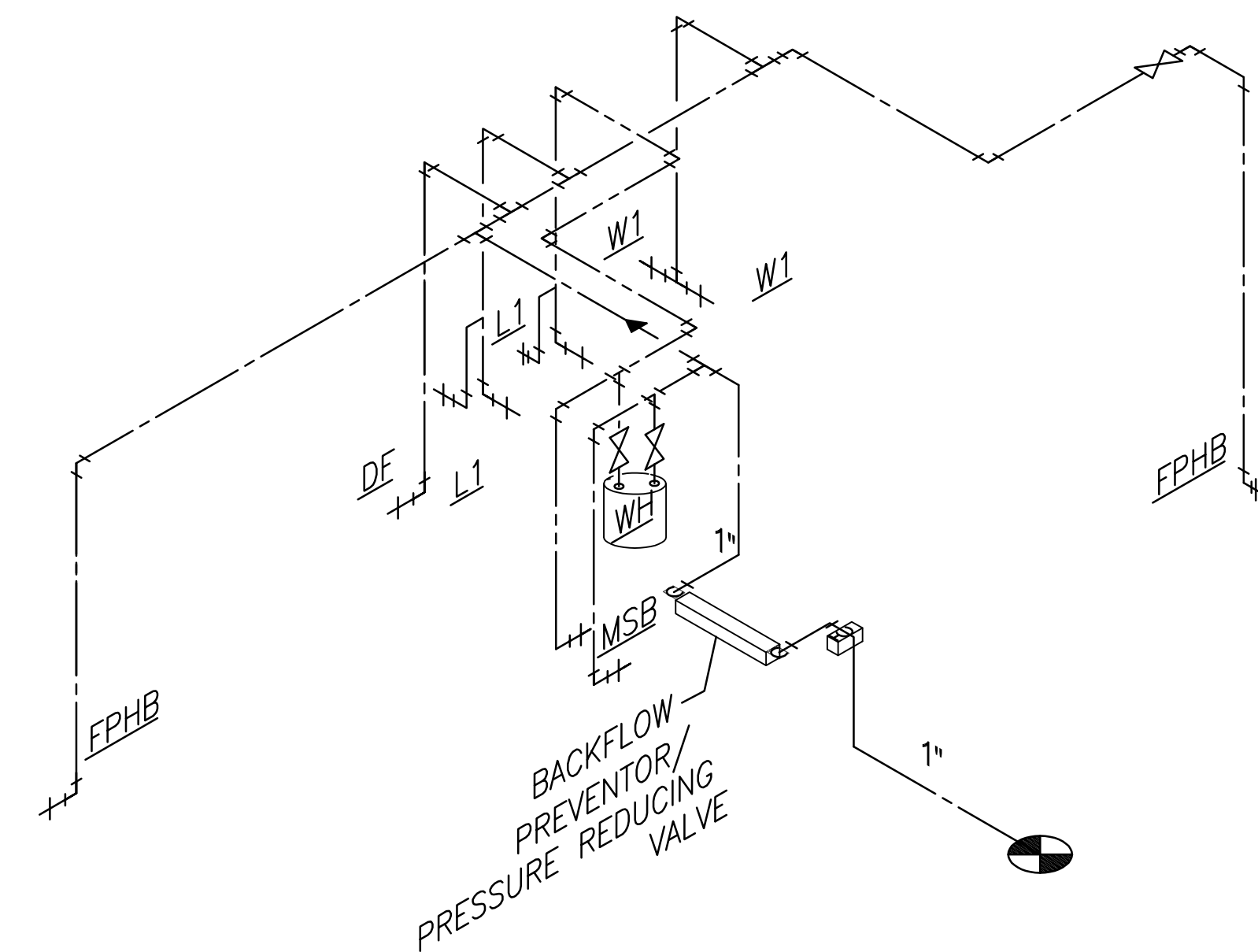
**1 DOMESTIC WATER PLAN**  
 P2.1 SCALE: 1/8" = 1'-0"

**NOTES:**

- COORDINATE UTILITY TIE-INS WITH CIVIL DESIGN. CONTRACTOR RESPONSIBLE FOR ALL PUBLIC UTILITY CONNECTIONS (WATER, ELECTRIC, SANITARY) AS WELL AS INFRASTRUCTURE REQUIRED BY UTILITY COMPANY.
- PROVIDE AND LOCATE BACKFLOW PREVENTOR WITH TAMPER RESISTANT ACCESS CABINET PER LOCAL CODE.
- PROVIDE SHUT OFF VALVES AT WALL HYDRANTS AND AT WATER HEATER.
- PROVIDE F.R.T. WOOD BLOCKING & STRAPS FOR FIXTURE MOUNTING AS REQUIRED.

**PLUMBING KEYED NOTES**

- 1" CW UP IN WALL WITH VALVE AND LOCKABLE ACCESS PANEL.
- PLUMBING CONTRACTOR TO RUN WATER LINE IN ABOVE AS HIGH AS POSSIBLE OVERHEAD.
- CONTRACTOR TO COORDINATE WATER METER SIZE AND LOCATION WITH LOCAL WATER COMPANY AND CIVIL DESIGN.
- ROUTE DISCHARGE FROM BACKFLOW PREVENTOR TO MOP SINK BASIN WITH AIR GAP.
- ROUTE PROPANE GAS LINES UNDERGROUND TO LP TANK. SEE CIVIL.
- PROVIDE REGULATOR, DIELECTRIC UNION AND DRIP LEG AS REQUIRED AT EACH GAS UNIT.
- CONTRACTOR TO PROVIDE WEATHER PROOF LABEL INDICATING THE MECHANICAL UNITS BEING SERVED.
- COORDINATE LOCATION OF LIQUID PROPANE GAS TANK WITH SITE DESIGN. VERIFY LENGTH OF PIPING RUN FOR GAS SERVICE.



**2 DOMESTIC WATER ISOMETRIC**  
 P2.1 SCALE: NOT TO SCALE

HVAC UNIT SCHEDULE																
MARK	MANUF. & MODEL	NOMINAL TONS COOLING	FAN DATA				HEATING CAPACITY		COOLING CAPACITY		ELECTRICAL DATA			WEIGHT	EER	NOTES
			CFM	O.A.	E.S.P.	HP	INPUT MBH	OUTPUT MBH	TOTAL MBH	SENS. MBH	VOLT/PH	MCA	MOCP			
RTU-1, 2	LENNOX ZGA150S4M	12.5	5000	SEE SCHED	0.8	5.0	180	144	142	136	208/3/60	67	80	1203 LBS.	10.8	1,2,3,4,5,6,7,8
RTU-3	LENNOX ZGB036S4B	3	1200	SEE SCHED	0.8	1.5	65	52	36.2	35.0	208/3/60	20	25	451 LBS.	11.7	1,2,3,4,5,6,7,8

**NOTES:**

- COOLING CAPACITIES ARE RATED IN ACCORDANCE WITH ARI STANDARD 210/290 AT 95F AMBIENT OUTDOOR AIR TEMP., 80F DRY BULB, 67 WET BULB ENTRANCE AIR TEMP., AND NOMINAL AIR QUANTITY LISTED.
- FACTORY INSTALLED: THRU-THE-BASE CONNECTIONS
- PROVIDE FACTORY INSTALLED AIR SIDE ECONOMIZER SECTION WITH DUAL ENTHALPY SENSOR AND BAROMETRIC RELIEF DAMPER.
- PROVIDE MANUFACTURES CONCENTRIC KIT.
- PROVIDE HEAT PER EQUIPMENT SCHEDULE.
- PROVIDE SMOKE DETECTOR.
- MECHANICAL CONTRACTOR SHALL COORDINATE WITH METAL BUILDING MANUFACTURER FOR ROOF CURB.
- UNITS SHALL BE PURCHASED THROUGH A NATIONAL ACCOUNT AGREEMENT: LENNOX - MICHAEL JOHNSTON PHONE #972-497-6884 | dollargeneral@lennoxind.com

**EXHAUST LOUVER**

RUSKIN MODEL ELF375DX - 12" WIDE X 12" TALL

ELF375DX IS A STATIONARY LOUVER, EXTRUDED ALUMINUM CONSTRUCTION, PROVIDE LOUVER TO MATCH WALL CONSTRUCTION TYPE. 150 CFM (MAX), 0.29 SF, 517 FPM INTAKE VELOCITY, 0.1" PRESSURE DROP, 873 FPM WATER PENETRATION VELOCITY.

PROVIDE LOUVER WITH INSECT SCREEN AND KYNAR FINISH, COLOR TO MATCH SURROUNDING BUILDING WALL COLOR.

AIR DISTRIBUTION SCHEDULE											
MARK	MANF. & MODEL	FRAME TYPE	FACE TYPE	PATTERN	DAMPER	MATERIAL	SERVICE	FINISH	MAX PD	MAX NC	NOTES
A	PRICE SMD	12X12 A.C.T.	LOUVER	4-WAY	NO	STEEL	SUPPLY	OFF-WHITE	0.15"	<30	1-3
B	PRICE 520	SURFACE	GRILLE	4-WAY	YES	STEEL	SUPPLY	OFF-WHITE	0.15"	<30	1-3
C	PRICE 530	SURFACE	GRILLE	N/A	NO	STEEL	TRANSFER	OFF-WHITE	0.15"	<30	1,3

**NOTES:**

- DIFFUSER DESIGNATIONS ON PLANS AS FOLLOWS:
 

DIFFUSER TYPE AS NOTED ABOVE

→

A

→

SIZE

→

DIFFUSER OR NECK SIZE

→

AIR QUANTITY
- PROVIDE SQUARE TO ROUND TRANSITION MODEL TR.
- ACCEPTABLE MANUFACTURES: CARNES, TUTTLE & BAILEY, PRICE & TITUS. (NO SUBSTITUTIONS)

EXHAUST FAN SCHEDULE										
MARK	MANF. & MODEL	CFM	S.P.	FAN TYPE	MOUNTING	DRIVE	MAX SONES	MOTOR DATA		NOTES
								WATTS	VOLT/PH	
EF-1	GREENHECK SP-A110	75	.025	CABINET	CEILING	DIRECT	.08	49	120V/1Ø	1-3
EF-2	GREENHECK SP-A110	75	.025	CABINET	CEILING	DIRECT	.08	49	120V/1Ø	1-3

**NOTES:**

- FAN SHALL BE INTERLOCKED WITH LOCAL LIGHT SWITCH.
- PROVIDE WITH BACKDRAFT DAMPER.
- PROVIDE FAN MOUNTED SPEED CONTROL.

TABLE 403.3 OUTSIDE AIR VENTILATION REQUIREMENTS								
ROOM	AREA SF	AREA RATE	AREA CFM	PEOPLE CALCULATION BASIS	NO. OF PEOPLE	PEOPLE RATE	PEOPLE CFM	REQUIRED CFM
SALES	8561	0.12 CFM/SF	1028	15 PEOPLE / 1000 SF	129	7.5 CFM / PERSON	968	1709
RECEIVING	1298	0.12 CFM/SF	156	-	-	-	-	156
HALLWAY / UTILITY	92	0.06 CFM/SF	6	-	-	-	-	6
OFFICE	72	0.06 CFM/SF	5	5 PEOPLE / 1000 SF	1	5 CFM / PERSON	5	10
BREAK ROOM	89	0.06 CFM/SF	6	50 PEOPLE / 1000 SF	4	5 CFM / PERSON	20	26

TOTAL OUTSIDE AIR REQUIRED = 1907 CFM

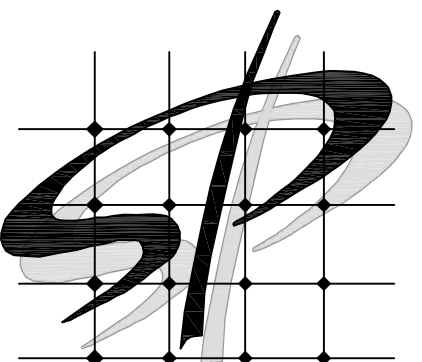
MECHANICAL CONTRACTOR TO ADJUST OUTSIDE AIR QUANTITIES PER THE FOLLOWING SCHEDULE:

RTU-1 = 985 CFM  
RTU-2 = 1030 CFM  
RTU-3 = 160

TOTAL OUTSIDE AIR PROVIDED = 1910 CFM

**HVAC GENERAL NOTES**

- FURNISH ALL LABOR, MATERIALS AND EQUIPMENT REQUIRED FOR THE COMPLETE INSTALLATION AND OPERATION OF ALL SYSTEMS IN THIS SECTION OF WORK IN ACCORDANCE WITH RECOMMENDED PRACTICE AND APPLICABLE CODES.
- DO NOT SCALE DRAWINGS. SEE ARCHITECTURAL DRAWINGS & REFLECTED CEILING PLANS FOR EXACT LOCATION OF DOORS, WINDOWS, CEILING DIFFUSERS, ETC.
- ALL MECHANICAL PERMITS AND INSPECTION FEES SHALL BE OBTAINED AND PAID FOR BY THE MECHANICAL CONTRACTOR.
- MECHANICAL CONTRACTOR SHALL GUARANTEE ALL WORK AND MATERIALS FOR ONE YEAR, EFFECTIVE THE DAY THE PROJECT IS ACCEPTED BY THE OWNER. REFRIGERANT COMPRESSORS SHALL BE GUARANTEED FOR FIVE YEARS.
- DRAWINGS ARE DIAGRAMMATIC AND MAY NOT SHOW ALL REQUIRED FITTINGS. CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE TYPE, SIZE AND LOCATION OF ALL AIR DEVICES, DUCTWORK, PIPING AND EQUIPMENT WITH THE CEILING PLAN, LIGHTS STRUCTURAL ELEMENTS AND OTHER TRADES. CONTRACTOR TO FURNISH AND INSTALL ALL BENDS, OFFSETS, ELBOWS, ETC. AS REQUIRED, VERIFY ALL CLEARANCES PRIOR TO FABRICATING DUCTWORK OR ORDERING EQUIPMENT.
- NECK SIZE OF LAY-IN DIFFUSERS SHALL BE EQUAL IN DIAMETER TO DUCT RUNOUT.
- DUCTWORK
  - ALL SUPPLY AND EXHAUST AIR DUCTWORK SHALL BE CONSTRUCTED OF ROUND GALVANIZED SHEET METAL AND FABRICATED ACCORDING TO THE LATEST ADDITION OF SMACNA STANDARDS WITH MINIMUM PRESSURE CLASSIFICATION OF 2", SEAL CLASS C, WITH A MAXIMUM LEAKAGE RATE OF 5%.
  - ALL DUCT DIMENSIONS SHOWN ARE INTERIOR DIMENSIONS.
  - PROVIDE A MANUAL BALANCING DAMPER AT ALL SUPPLY AND RETURN BRANCH TAKEOFFS.
  - FLEXIBLE DUCT, IF SHOWN ON DRAWINGS SHALL BE INSULATED ROUND DUCT WITH AN OUTER GLASS REINFORCED SILVER MYLAR JACKET ENCLOSING MIN. 1-1/2" THICK GLASS FIBER INSULATION AROUND A CONTINUOUS INNER LINER, AND SHALL CONFORM TO THE REQUIREMENTS U.L. 181 FOR CLASS 1 FLEXIBLE AIR DUCTS. MAXIMUM LENGTH OF FLEXIBLE DUCT SHALL BE 6 FEET. "R" VALUE TO MEET/EXCEED ENERGY CODE (R=6).
  - ALL DUCT INSULATION SHE BE RUN CONTINUOUSLY THROUGH FLOORS AND PARTITIONS.
- PIPING
  - CONDENSATION DRAINS SHALL BE SCHEDULE 40 PVC OR TYPE L COPPER WITH SOLDERED JOINTS.
- INSULATION
  - DUCT LINER - FIBROUS GLASS DUCT LINER, MINIMUM 1-1/2" THICK WITH R-VALUE TO MEET LOCAL ENERGY CODE, WITH COATED SURFACE EXPOSED TO AIR STREAM. APPLY WITH MECHANICAL FASTENERS AND 100% COVERAGE OF ADHESIVE.
  - DUCT WRAP - MINERAL FIBER BLANKET, MINIMUM 2" THICK WITH R-VALUE TO MEET LOCAL ENERGY CODE, WITH REINFORCED FOIL AND PAPER VAPOR RETARDANT JACKET. APPLY WITH MECHANICAL FASTENERS AND ADHESIVE.
  - INTERIOR CONDENSATE DRAINS - INSULATE WITH 1/2" THICK FLEXIBLE ELASTOMERIC PIPE INSULATION.
  - AIR DISTRIBUTION - INSULATE TOP-SIDE AS REQUIRED BY CODE.
- ALL PIPING, DUCTS, VENTS, ETC., EXTENDING THROUGH WALLS & ROOF SHALL BE FLASHED & COUNTER FLASHED IN A WATERPROOF MANNER.
- EXTEND ALL CONDENSATE DRAINS TO GUTTERS AS SHOWN ON DRAWING. DRAINS FROM AHU'S SHALL BE TRAPPED, SLOPE TO MATCH ROOF SLOPE.
- LOCATE ALL THERMOSTATS AND SWITCHES 4'-0" A.F.F. FURNISH A THERMOSTATS FOR EVERY DEVICE REQUIRING ONE WETHER SHOWN ON DRAWINGS OR NOT.
- ALL EQUIPMENT SHALL BE INSTALLED PER CODE & MANUFACTURERS REQUIREMENTS FOR SERVICE AND ACCESS CLEARANCES.
- ALL EQUIPMENT SHALL BE U.L. LISTED.
- MECHANICAL CONTRACTOR SHALL BALANCE SYSTEM TO AIR QUANTITIES INDICATED ON PLANS AND PROVIDE A COMPLETE BALANCING IN ACCORDANCE WITH NEEB OR AABC STANDARDS.
- ALL CONTROL WIRING SHALL BE BY MECHANICAL CONTRACTOR.
- DUCT SMOKE DETECTORS SHALL BE INSTALLED IN THE SUPPLY AND RETURN DUCT FOR RTU-1 AND RTU-2 PLENUM UPSTREAM OF ANY FILTERS OR DECONTAMINATION EQUIPMENT UPON ACTIVATION THE SMOKE DETECTOR SHALL SHUT DOWN THE AIR HANDLING UNIT.
  - IF THERE IS A FIRE ALARM SYSTEM: DETECTORS SHALL BE FURNISHED AND WIRED BY THE ELECTRICAL CONTRACTOR, INSTALLED BY THE MECHANICAL CONTRACTOR, ACTIVATION OF A DUCT SMOKE DETECTORS SHALL INITIATE A VISIBLE AND AUDIBLE SUPERVISORY SIGNAL AT A CONSTANTLY ATTENDED AREA.
  - IF THERE IS NOT A FIRE ALARM SYSTEM: DETECTORS SHALL BE FURNISHED, WIRED AND INSTALLED BY THE MECHANICAL. ACTIVATION OF A DUCT SMOKE DETECTOR SHALL INITIATE A VISIBLE AND AUDIBLE SUPERVISORY SIGNAL AT A CONSTANTLY ATTENDED LOCATION.
- PROVIDE A CLEAN SET OF FILTERS FOR ALL AIR HANDLING EQUIPMENT AT SUBSTANTIAL COMPLETION.
- MAINTAIN A MINIMUM 10'-0" BETWEEN OUTDOOR AIR INTAKES AND EXHAUST FAN DISCHARGE AND PLUMBING VENTS, ETC. FIELD COORDINATE.
- ROOF CURBS SHALL HAVE A BASE THAT FITS SLOPE OF ROOF AS REQUIRED. TOP OF CURB SHALL BE LEVEL. SEE STRUCTURAL PLANS FOR SLOPE INFORMATION. THE RESPONSIBILITY OF PROVIDING AND INSTALLING ROOF CURB SHALL BE COORDINATED BETWEEN THE M.C. AND PRE-FABRICATED METAL BUILDING MANUFACTURER.
- RUN DUCT UP WITHIN STRUCTURE OR THROUGH JOIST WEBS WHERE POSSIBLE & WHERE REQUIRED TO MAINTAIN CEILING HEIGHTS. PROVIDE OFFSETS IN DUCTS WHERE REQUIRED WITH MAX. 45 DEGREE ELBOWS. MAKE BRANCH TAPS OF TOP, SIDES OR BOTTOM AS REQD. NO BACK TO BACK ELBOWS ALLOWED.
- ALL EQUIPMENT SHALL BE LABELED ACCORDING TO NUMBERING / IDENTIFICATION SYSTEM PER PLANS.



STORE PLANNING Inc  
3080 SENNA DRIVE  
Matthews, North Carolina 28105  
Phone: 704-841-7288  
Fax: 704-849-6997

#	DATE	REVISION

DOLLAR GENERAL #23228  
MOLLY PITCHER HIGHWAY  
FRANKLIN COUNTY PA  
MARION, PA 17235

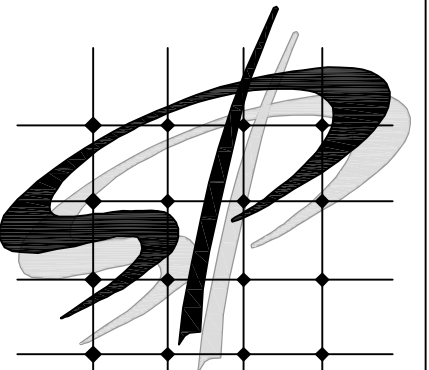
**DOLLAR GENERAL**  
MECHANICAL SCHEDULES & NOTES

SPI Client	DATE
21017	3-19-21

SHEET NUMBER

**M0.1**





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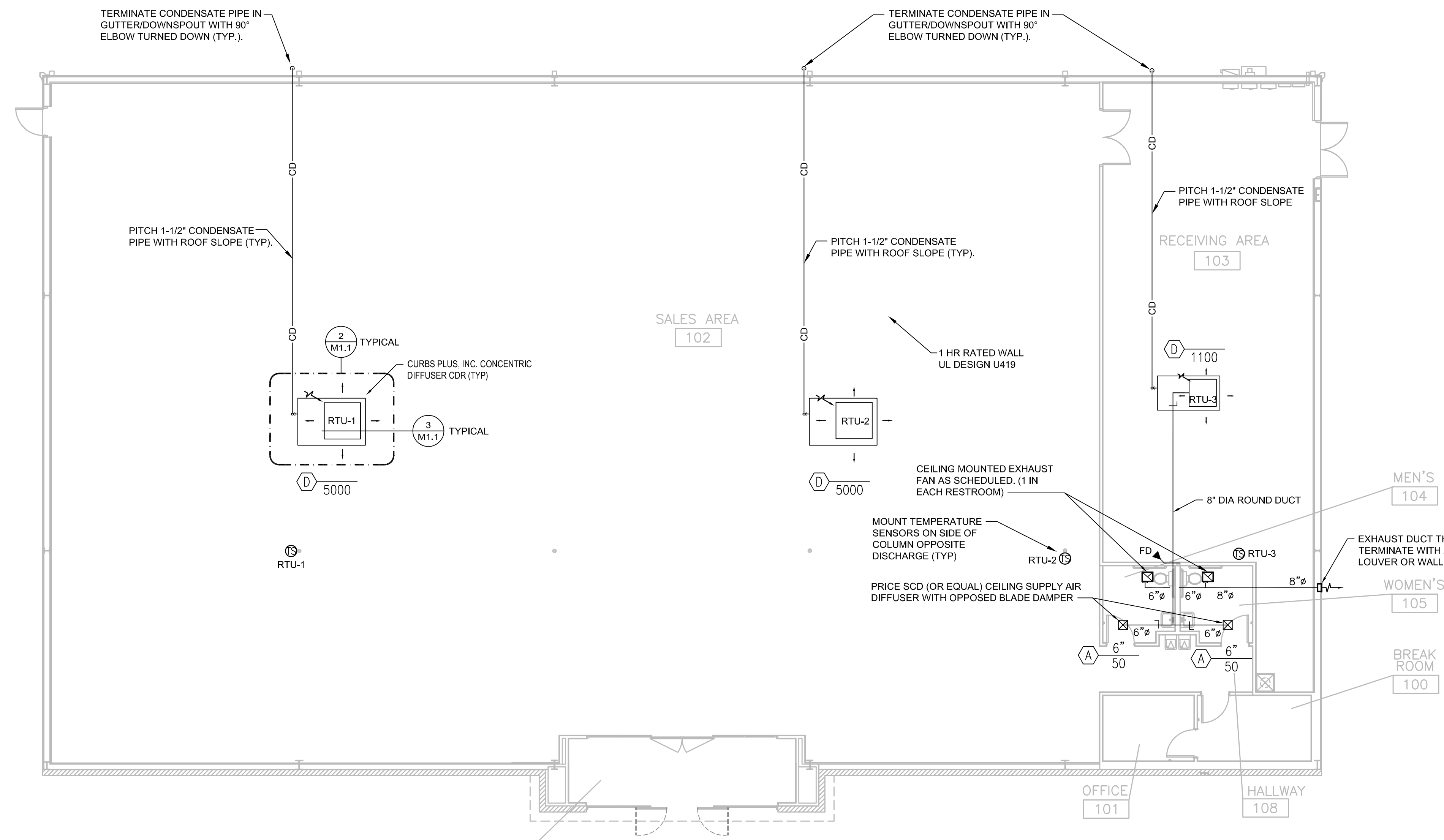
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MOLLY PITCHER HIGHWAY  
FRANKLIN COUNTY PA  
MARION, PA 17235

**DOLLAR GENERAL**  
MECHANICAL PLAN & DETAILS

SHEET TITLE

SPI Client	DATE
21017	3-19-21

SHEET NUMBER  
**M1.1**

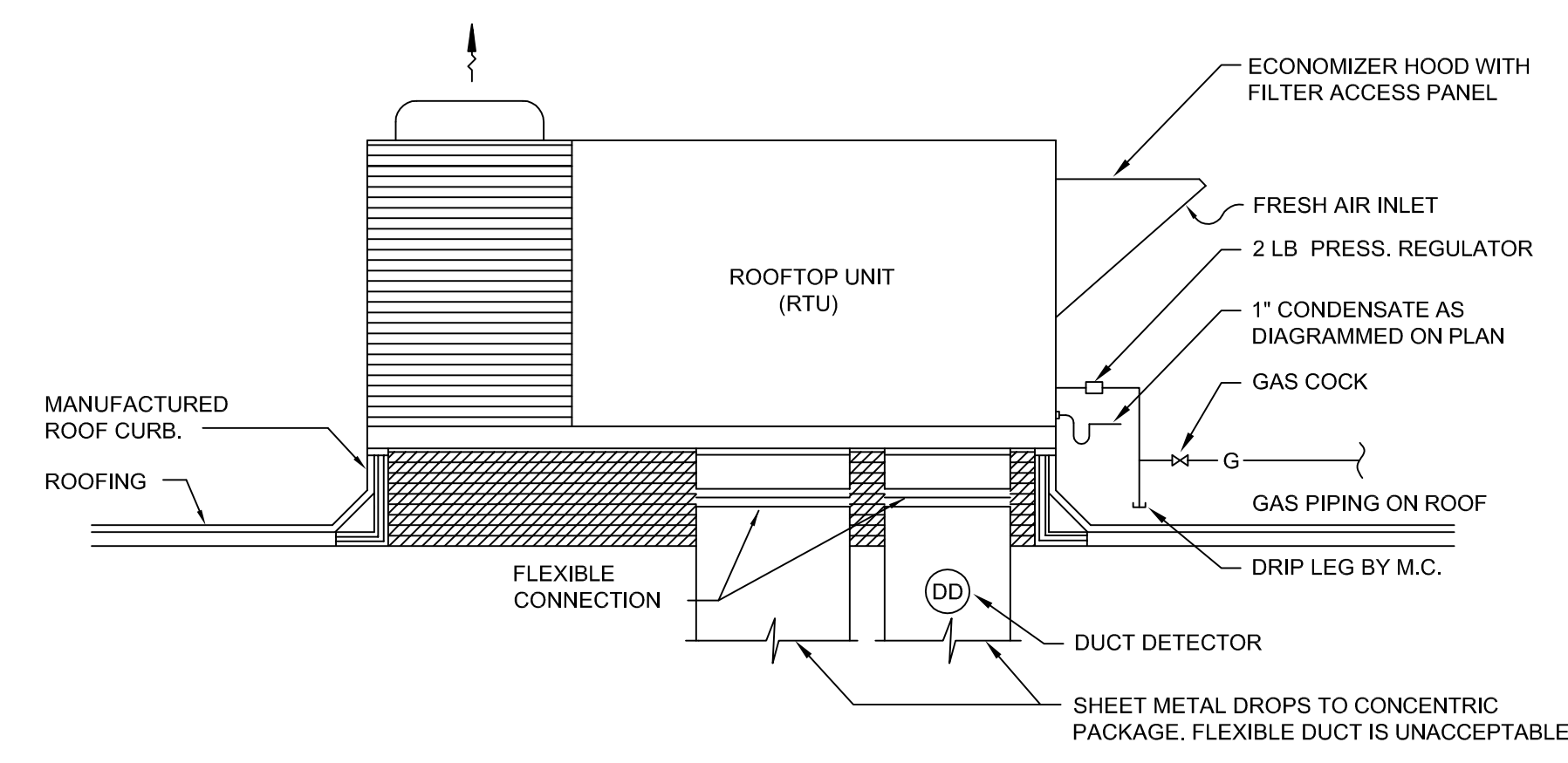


- HVAC SPECIFICATIONS:**
- SEE SHEET M0.1 FOR GENERAL MECHANICAL PROJECT NOTES
  - ROOF MOUNTED SYSTEM WITH ANY REQUIRED DUCTWORK, CONFORMING TO ASHRAE SPECIFICATIONS IN SALES FLOOR, OFFICES, REST ROOM, AND RECEIVING AREAS.
  - ANY DUCTWORK MUST BE INSTALLED ABOVE 11'-6" A.F.F. NO HVAC DUCT TRUNKLINE TO BE INSTALLED WITHIN 48" RADIUS OF REGISTER/CREAM POWER POLES. REFER TO SHEET E1.1 FOR EXACT LOCATION OF POWER POLES.
  - FOR HVAC SENSOR LOCATIONS SEE EMS1 SHEET.
  - DG SPECIFIED PACKAGED HVAC SYSTEMS ARE REQUIRED. SEE T1 VENDOR LIST FOR VENDOR TERRITORY.
  - PROVIDE CEILING EXHAUST FANS FOR RESTROOMS. INTERLOCK WITH RESTROOM LIGHTS. VENT EXHAUST FANS THRU SIDE WALL, NOT THRU THE ROOF.
  - REFER TO GS1 FOR ROOF CURB INFORMATION AND DESIGN INTENT.
  - CONCENTRIC DIFFUSERS, AVAILABLE THROUGH DG VENDOR, CAN BE USED ON ALL VENDOR'S EQUIPMENT. CONTACT VENDOR NATIONAL PRICING FOR INFORMATION. LOCATE THE BOTTOM OF DIFFUSER AT 12'-0" AFF.

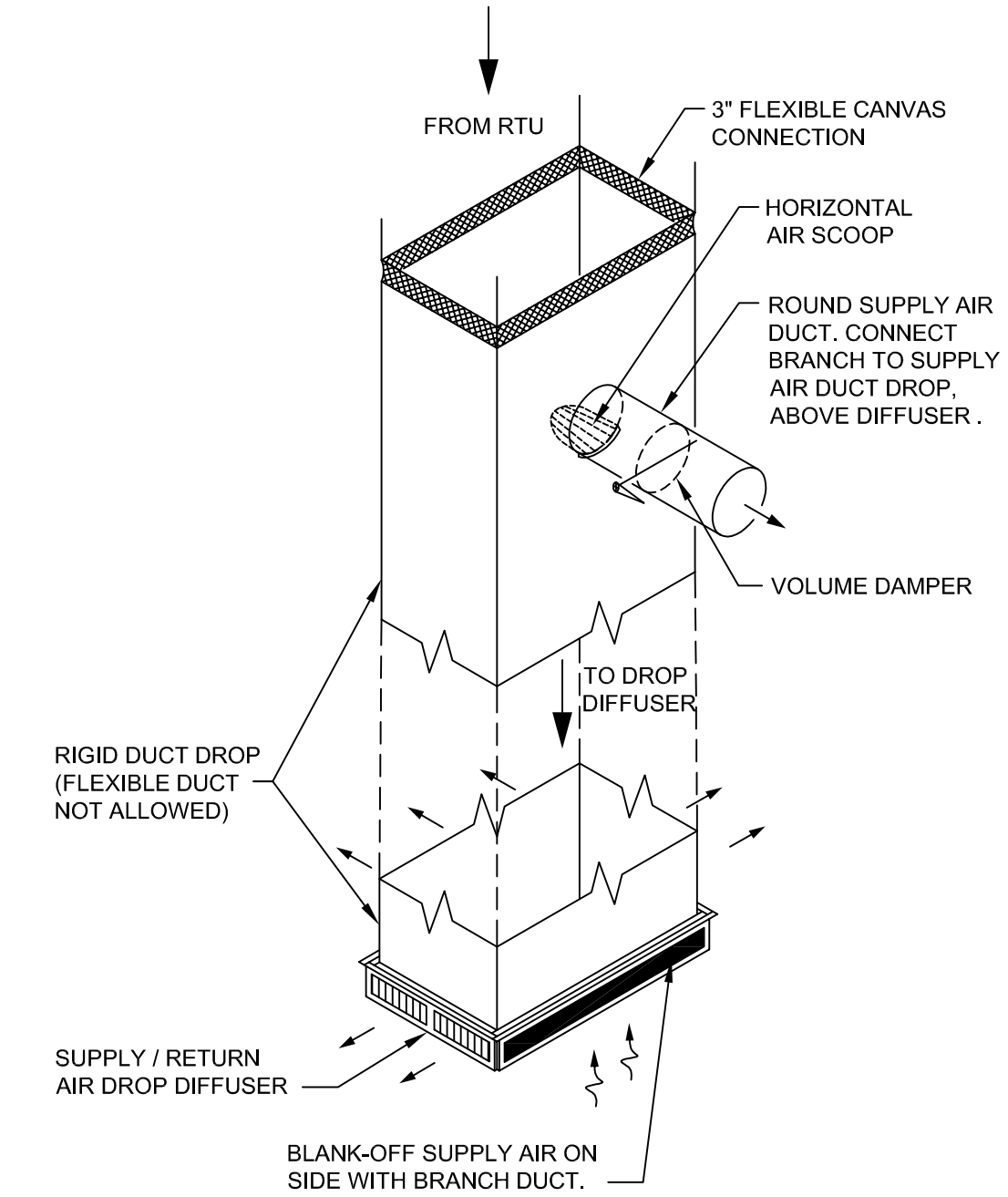
**SYMBOL LEGEND**

	EXHAUST FAN
	SUPPLY AIR DIFFUSER
	TEMPERATURE SENSOR
	RETURN/EXHAUST AIRFLOW
	SUPPLY AIRFLOW
	VOLUME DAMPER
	CONDENSATE PIPE
	UL FIRE DAMPER

**1 MECHANICAL PLAN**  
M1.1 SCALE: 1/8" = 1'-0"

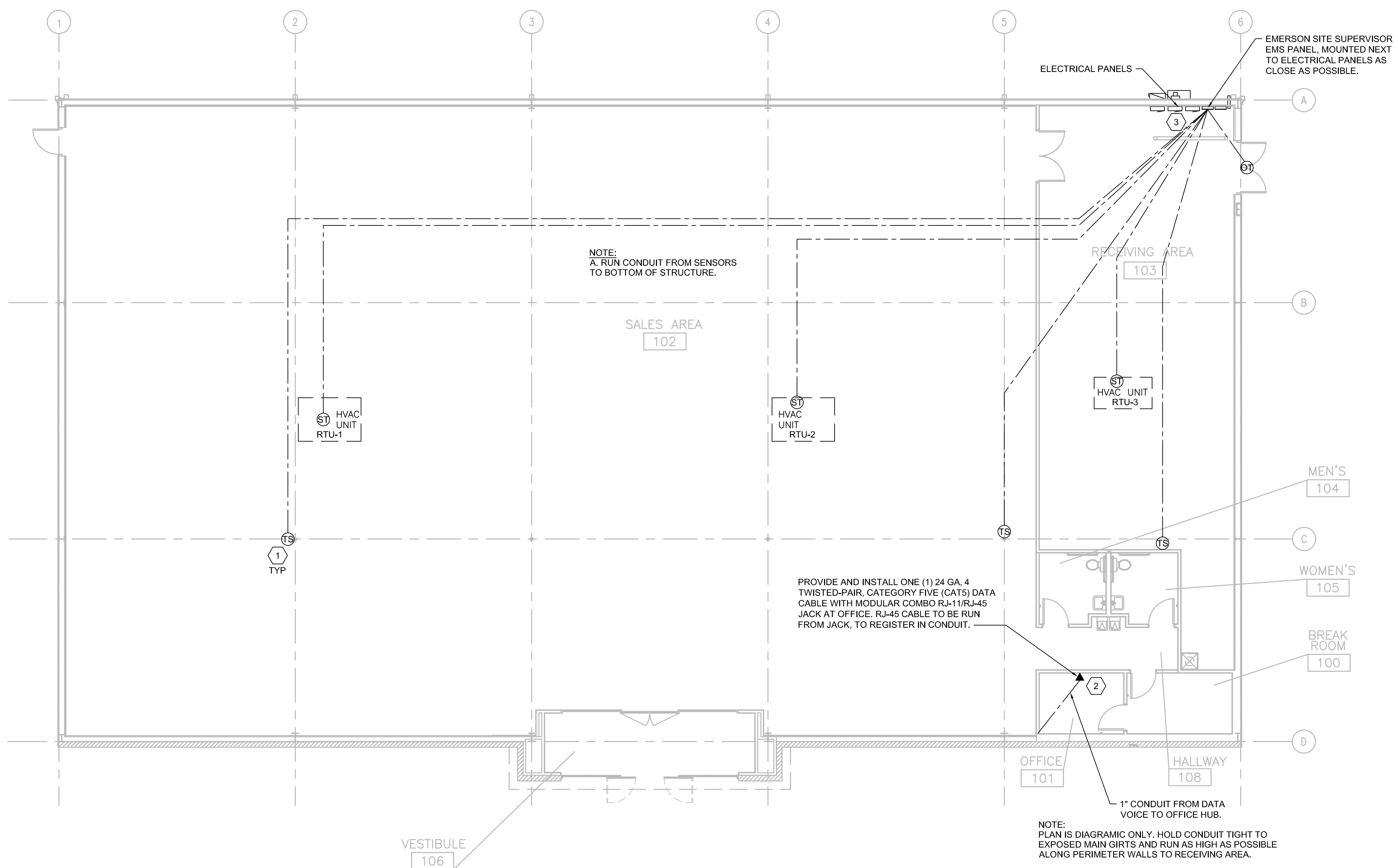


**2 ROOFTOP UNIT DETAIL**  
M1.1 NTS



**3 SUPPLY BRANCH CONNECTION**  
M1.1 NTS

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.



**1 EMS LOW VOLTAGE PLAN**  
 SCALE: 1/8" = 1'-0"

**GENERAL NOTES**

- REFER TO E1 FOR GENERAL CONTRACTOR RESPONSIBILITIES. E.C. MAY USE CABLE TRAY FOR LOW VOLTAGE CABLES. SEE 2/E2.
- RUN CONDUIT FROM SENSORS TO BOTTOM OF STRUCTURE.
- REFRIGERATION UNITS TO BE CONNECTED TO EMS PANEL BY DOLLAR GENERAL REFRIGERATION CONTRACTOR.

**SENSOR PLAN KEYED NOTES**

- ALWAYS INSTALL THESE SENSORS AT 8'-0" AFF IF ADDITIONAL HVAC UNITS ARE USED, ADD ADDITIONAL TEMPERATURE SENSORS "TS".
- 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.
- 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.

**EMERSON CONTACT**

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

**EMS GENERAL NOTES**

- 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.
- ALL SIGN & LIGHTING CIRCUITS MUST BE FED THROUGH THE DESIGNATED CONTACTORS AS NOTED ON THIS PAGE.
- ALL LOW VOLTAGE HVAC & DOOR SENSORS MUST BE CONNECTED TO THE PROPER TERMINAL. 24 GA. SHIELDED (SHIELD MUST BE GROUNDED) CABLE. BELDEN #841. 2 CONDUCTOR WIRE OR IT'S EQUIVALENT IS REQUIRED.
- 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**

- 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.

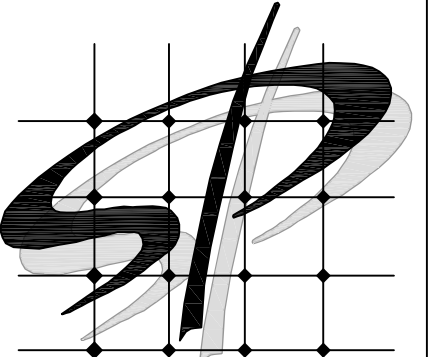
DEVICE SCHEDULE					
SYMB	DESCRIPTION	CABLE TYPE	SUPPLIER	INSTALLER	NOTES
OT	OUTDOOR AIR TEMP MOUNTED 8'-0" A.F.F.	BELDEN 8761 OR EQUIVALENT (22AWG, 2C, STRANDED, SHIELDED)	EMS SUPPLIER	GENERAL CONTRACTOR	(1) PER RECEIVING ENTRY
ST	SUPPLY TEMP (501-1121) IN SUPPLY DUCT	BELDEN 8761 OR EQUIVALENT (22AWG, 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
o	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-104DW	GENERAL CONTRACTOR	GENERAL CONTRACTOR	(1) PER RESTROOM (1) PER BREAK ROOM (1) PER OFFICE

#	DATE	REVISION

DOLLAR GENERAL #23228  
 MOLLY PITCHER HIGHWAY  
 FRANKLIN COUNTY PA  
 MARION, PA 17235

**DOLLAR GENERAL**  
 SHEET TITLE  
 EMS LOW VOLTAGE PLAN





STORE PLANNING INC  
3080 SENNA DRIVE  
Matthews, North Carolina 28105  
Phone: 704-841-7288  
Fax: 704-849-6997

#	DATE	REVISION

DOLLAR GENERAL #23228  
MOLLY PITCHER HIGHWAY  
FRANKLIN COUNTY PA  
MARION, PA 17235

**DOLLAR GENERAL**

POWER PLAN

SHEET TITLE

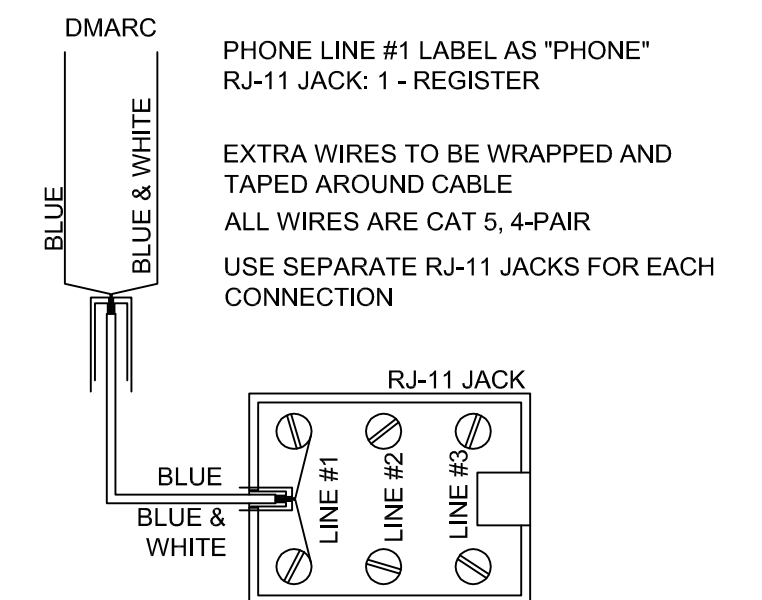
SPI Client DATE  
21017 3-19-21

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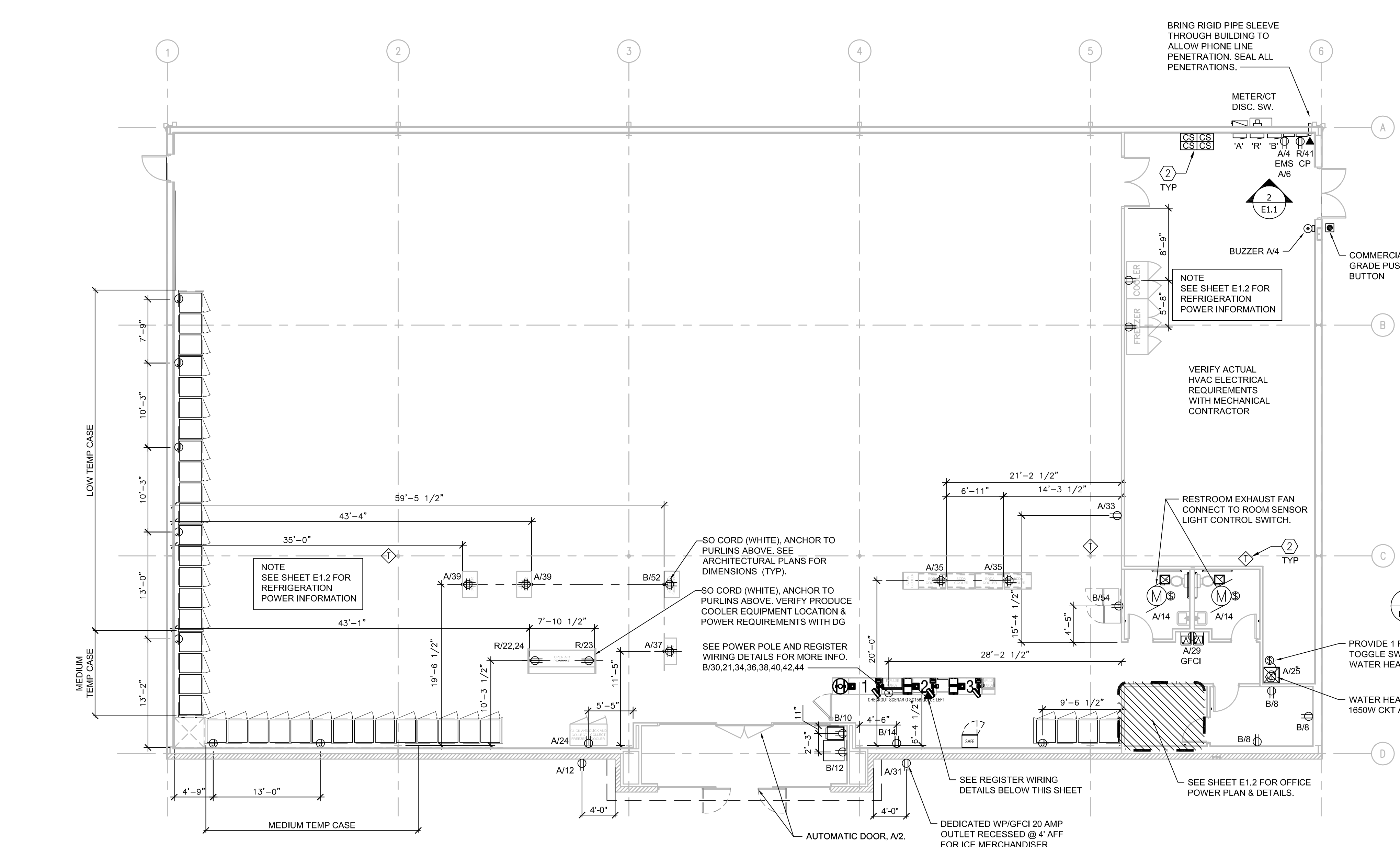
**E1.1**

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 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 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 SHEET 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.

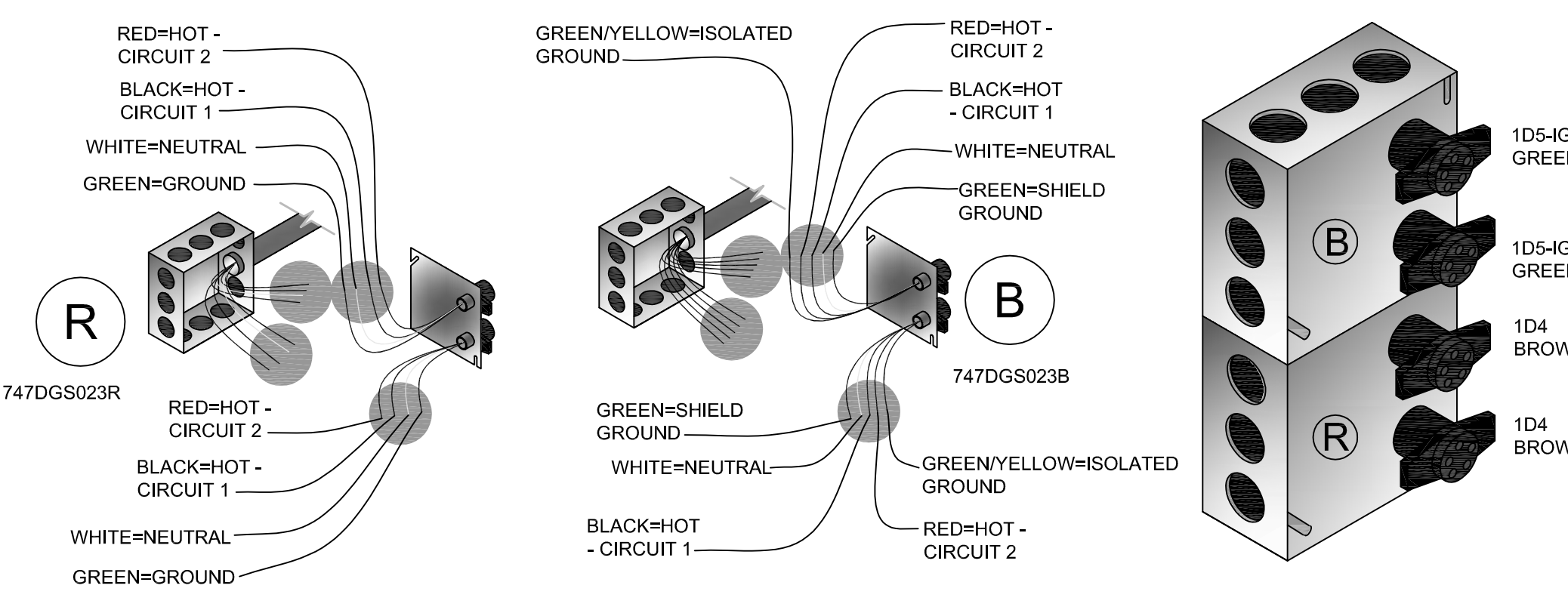


- ### ELECTRICAL KEYED NOTES
- TEST/RESET STATION FOR STAND ALONE DUCT DETECTOR. ONE FOR EACH DEVICE. SEE KEY NOTE 3 ON SHEET E1.3. SIMPLEX #4098-9842 IS SPECIFIED. WITH PIEZO AND LED INDICATOR LIGHT.
  - MECHANICAL THERMOSTAT MOUNTED ON COLUMN AT 8'-0" AFF. SURFACE MOUNT BOX AND CONDUIT. STUB CONDUIT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



- ### SEISMIC RESTRAINT NOTES
- OVERHEAD CONDUITS 2.5 INCHES AND GREATER REQUIRE SEISMIC RESTRAINT.
  - LIGHTING FIXTURE SUPPORTS SHOULD CONFORM TO UL 1570 OR 1571, IN ADDITION TO THE REQUIREMENTS OF FEMA 302 AND 303.
  - SUSPENDED TRANSFORMERS TO BE PROVIDED WITH SWAY BRACING.
  - WALL MOUNTED EMERGENCY LIGHTING FIXTURES TO BE SECURED TO STRUCTURE WITH REDUNDANT FASTENERS.

**1 POWER PLAN**  
E1.1 SCALE: 1/8" = 1'-0"



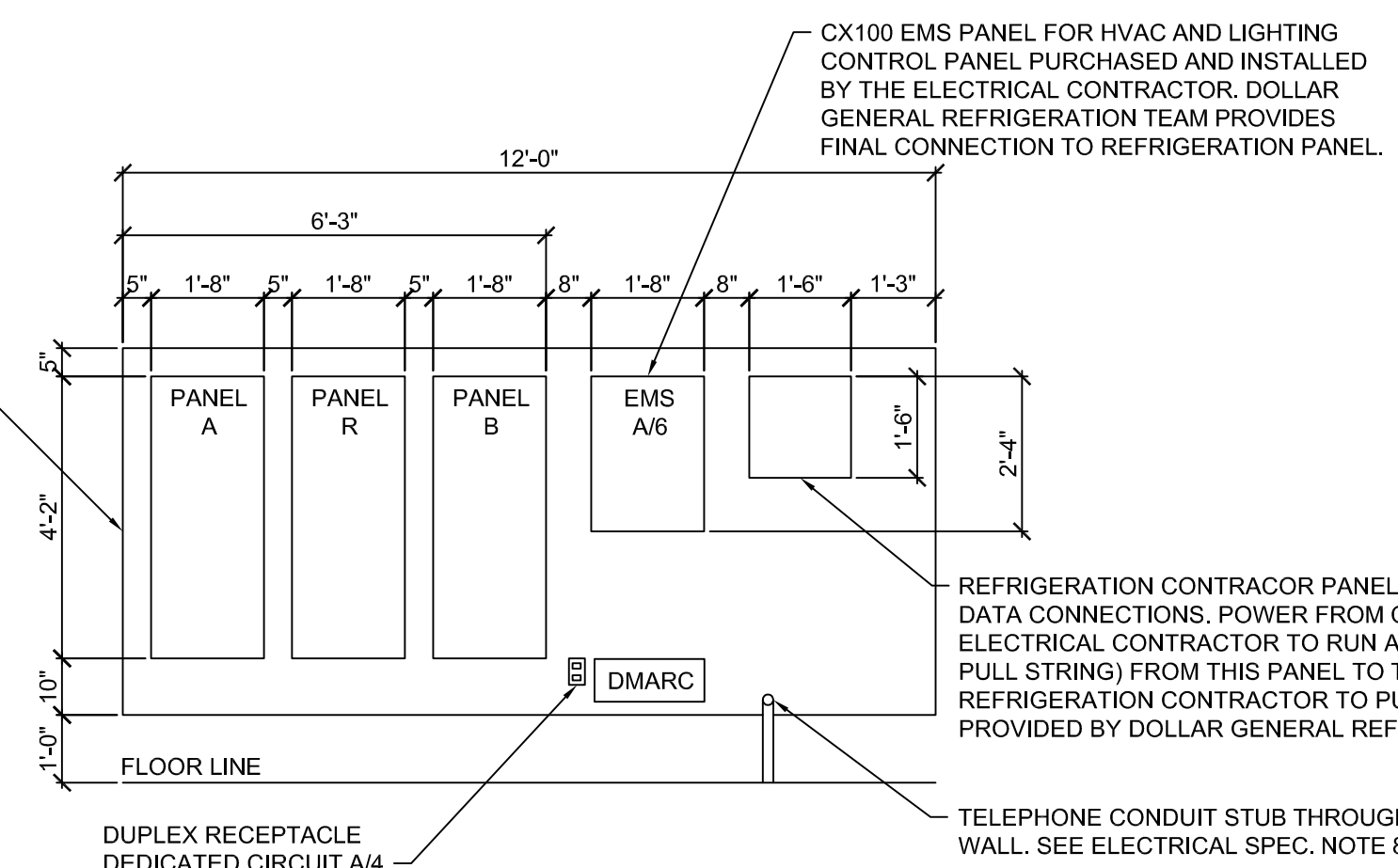
### REGISTER ELECTRICAL COMPONENTS

QTY	PART NUMBER	DESCRIPTION	VENDOR
1	747DGS023B	DUAL CIRCUIT POWER KIT WITH ISOLATED GROUND	D & P
1	747DGS023R	DUAL CIRCUIT POWER KIT	D & P
1	747DGS044-12BK	12" 2CH REGULAR POLE W/2-C & 1-D CONNECTOR DRW #2004-12	
1	747DGS032A	10' CABLE KIT (SET OF 4 WHIPS)	

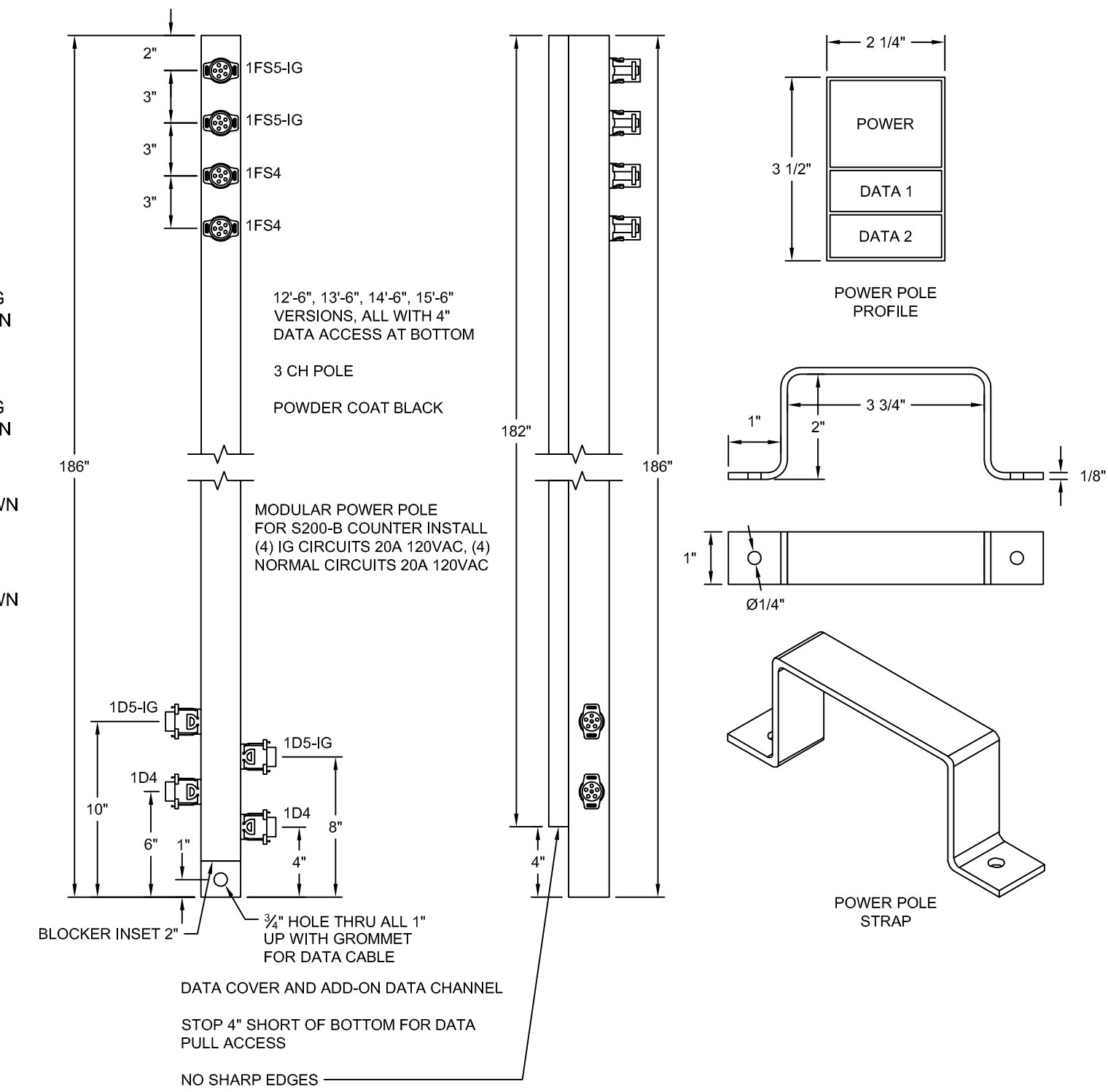
\*NOTE: BEFORE ORDERING AND INSTALLATION OF ELECTRICAL COMPONENTS FOR REGISTERS, CONSULT FINAL FIXTURE PLAN FOR NUMBER AND LOCATION.

MAXIMUM CIRCUITS FOR REGISTERS:  
• CIRCUITS AT MAIN REGISTER - (9) 110V  
• CIRCUITS AT ISLAND REGISTER - (3) 110V

3/4" PLYWOOD 12'-0" WIDE X 5'-5" HIGH. FIRE RATED. NO VOIDS. PAINTED WHITE UNLESS CODE DICTATES OTHERWISE.

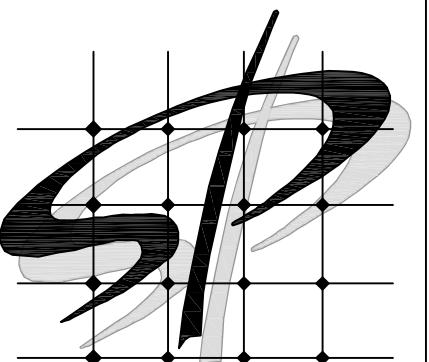


**2 ELECTRICAL PANEL ELEVATION**  
E1.1 SCALE: 1/8" = 1'-0"



**4 REGISTER POWER POLE**  
E1.1 NTS

**3 REGISTER ELECTRICAL DETAIL**  
E1.1 NTS



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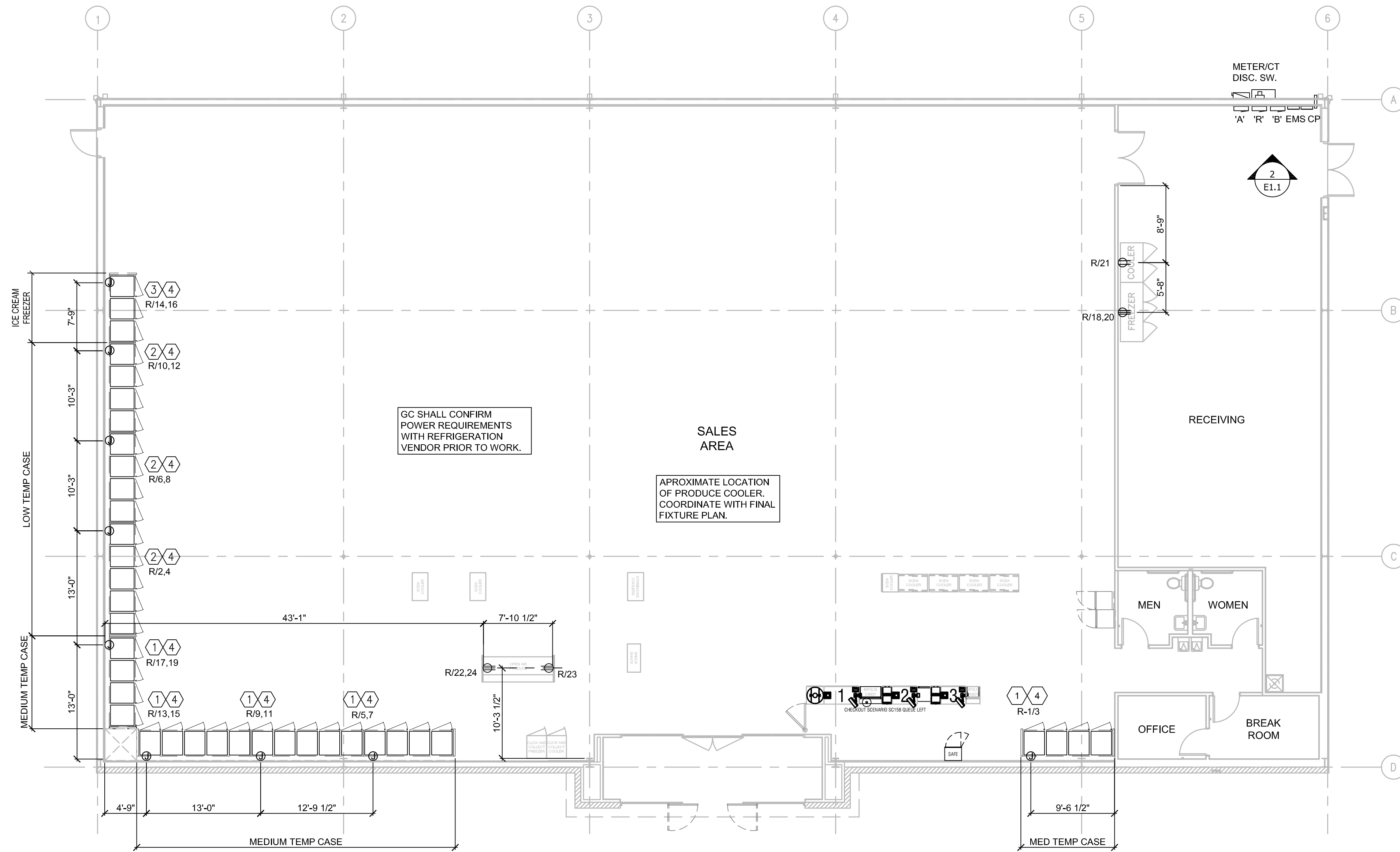
DOLLAR GENERAL #23228  
MOLLY PITCHER HIGHWAY  
FRANKLIN COUNTY PA  
MARION, PA 17235

**DOLLAR GENERAL**  
SHEET TITLE  
REFRIDGERATION POWER PLAN

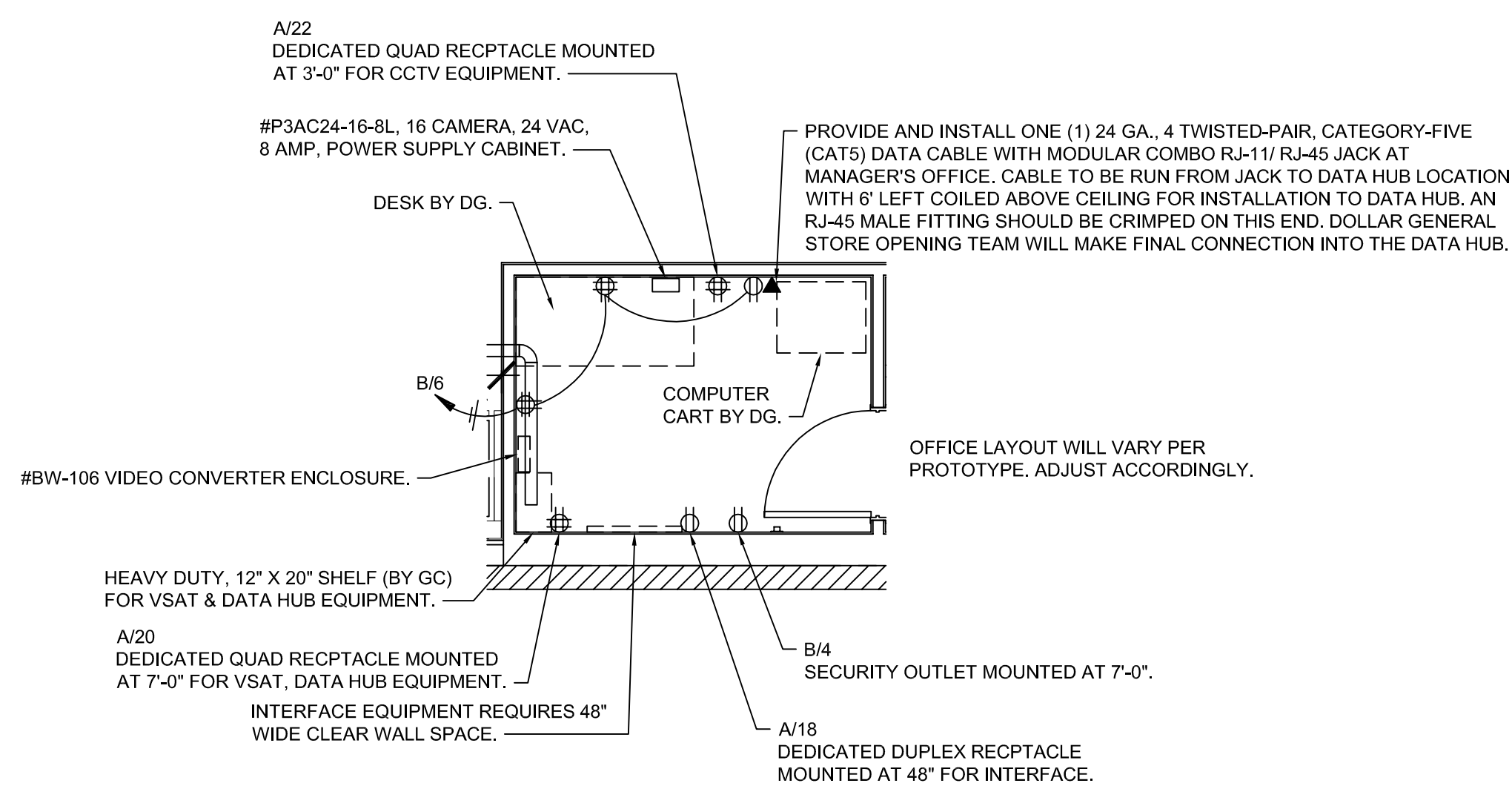
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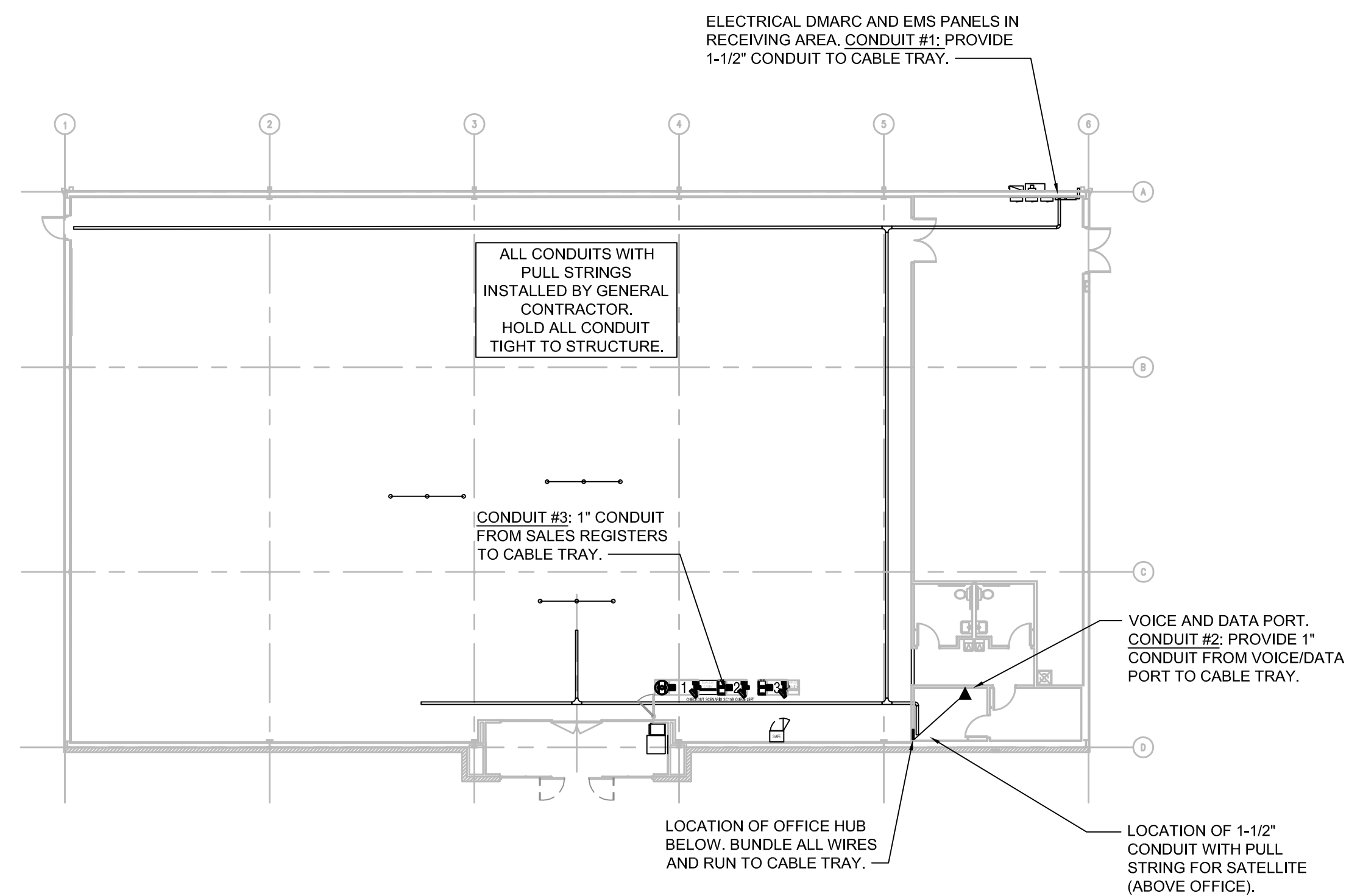
**E1.2**



**1 REFRIGERATION POWER PLAN**  
SCALE: 1/8" = 1'-0"



**3 LARGE SCALE OFFICE PLAN**  
SCALE: 1/4" = 1'-0"



**2 CABLE TRAY PLAN AND CONDUIT DIAGRAM**  
SCALE: 1/16" = 1'-0"

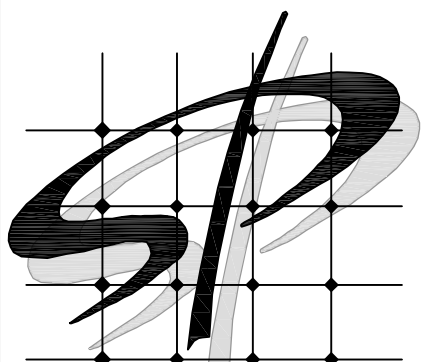
LEGEND	
SYMB	DESCRIPTION
	BUZZER - TORK MDL #TA725 W/ TRANSFORMER MDL#TA592
	COMMERCIAL GRADE PUSH BUTTON
	125V NEMA 5-20R DUPLEX. PANEL/CIRCUIT IN PANEL.
	125/250V NEMA L14-20-R 4 PRONG TWIST LOCK
	125V NEMA 5-20R QUAD
	DISCONNECT
	BLACK MAGIC POWER POLE
	PHONE JACK
	RJ-11, RJ-45 DATA JACK, PHONE COMBO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

**GENERAL NOTES**

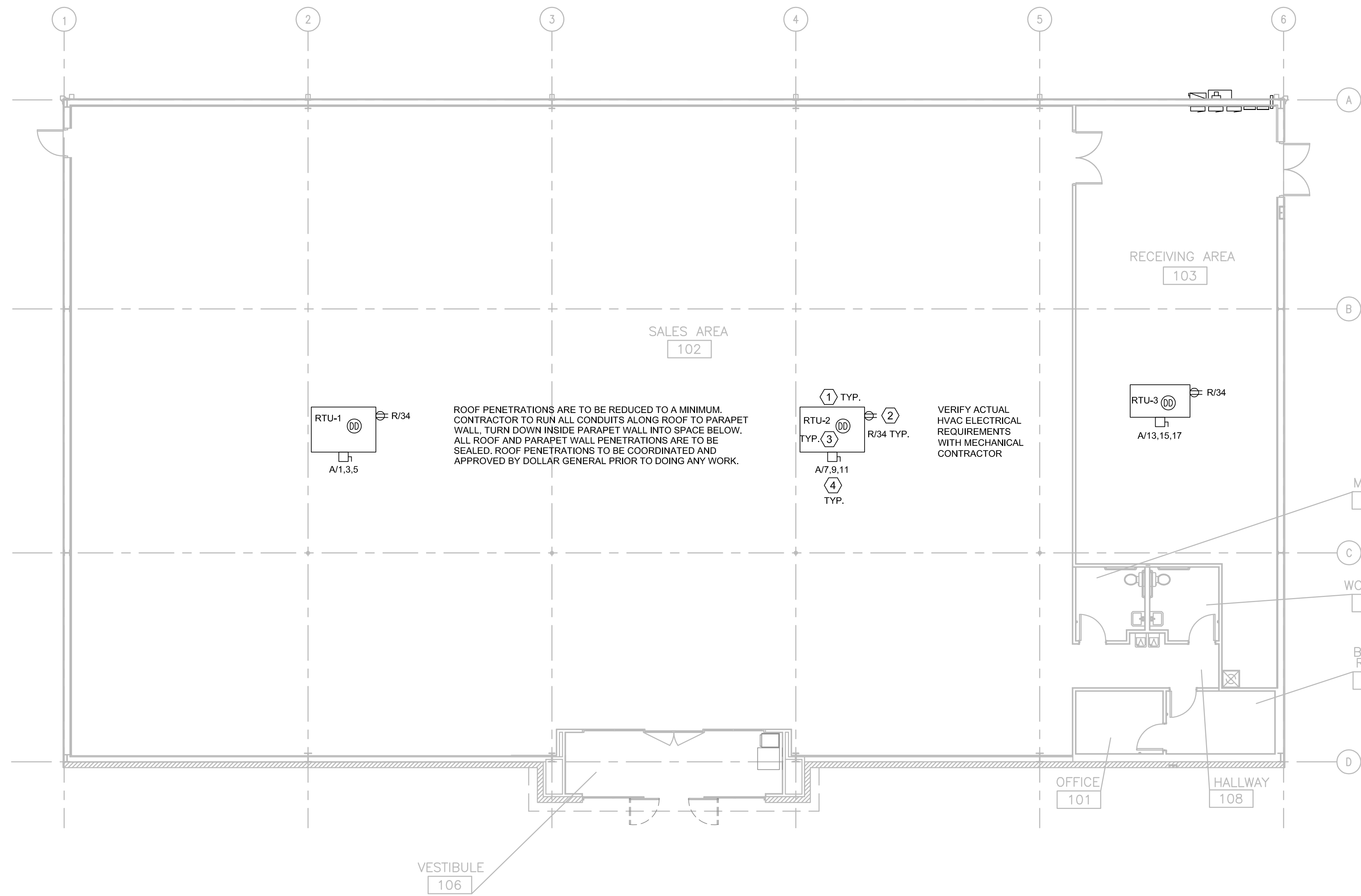
A. MOUNT ALL REFRIGERATOR OUTLETS AT 12" AFF.

- 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"C. 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"C. 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"C. 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).





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 3080 SENNA DRIVE  
 Matthews, North Carolina 28105  
 Phone: 704-841-7288  
 Fax: 704-849-6997



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

#	DATE	REVISION

DOLLAR GENERAL #23228  
 MOLLY PITCHER HIGHWAY  
 FRANKLIN COUNTY PA  
 MARION, PA 17235

**1** ROOF POWER PLAN  
 E1.3 SCALE: 1/8" = 1'-0"

HVAC UNIT WIRING TABLE												
UNIT	WIRE	COND	DISC	FUSE	ENCL	PH	VOLT	GND	BRKR	LOAD	CFM	TONS
RTU-1	#4	1 1/4"	100A/3P	80A	NEMA 3R	3φ	208	#8	80A/3P	24,140	5,000	12.5
RTU-2	#4	1 1/4"	100A/3P	80A	NEMA 3R	3φ	208	#8	80A/3P	24,140	5,000	12.5
RTU-3	#10	3/4"	60A/3P	25A	NEMA 3R	3φ	208	#10	25A/3P	7,210	1,200	3.0
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	--

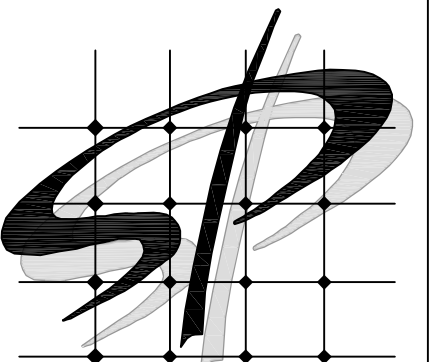
TABLE NOTES:  
 1. THE ELECTRICAL CONTRACTOR SHALL FIELD COORDINATE WITH THE MECHANICAL CONTRACTOR CONCERNING THE ELECTRICAL INFO OF ALL MECHANICAL DEVICES REQUIRING AN ELECTRICAL CONNECTION PRIOR TO DOING ANY WORK. ANY DISCREPANCIES BETWEEN THE FIELD OBTAINED INFORMATION AND THE INFORMATION SHOWN ON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

- 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.

**DOLLAR GENERAL**  
 SHEET TITLE  
**ROOF POWER PLAN**

SPI Client DATE  
 21017 3-19-21

SHEET NUMBER  
**E1.3**



STORE PLANNING Inc  
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#	DATE	REVISION

DOLLAR GENERAL #23228  
MOLLY PITCHER HIGHWAY  
FRANKLIN COUNTY PA  
MARION, PA 17235

**DOLLAR GENERAL**

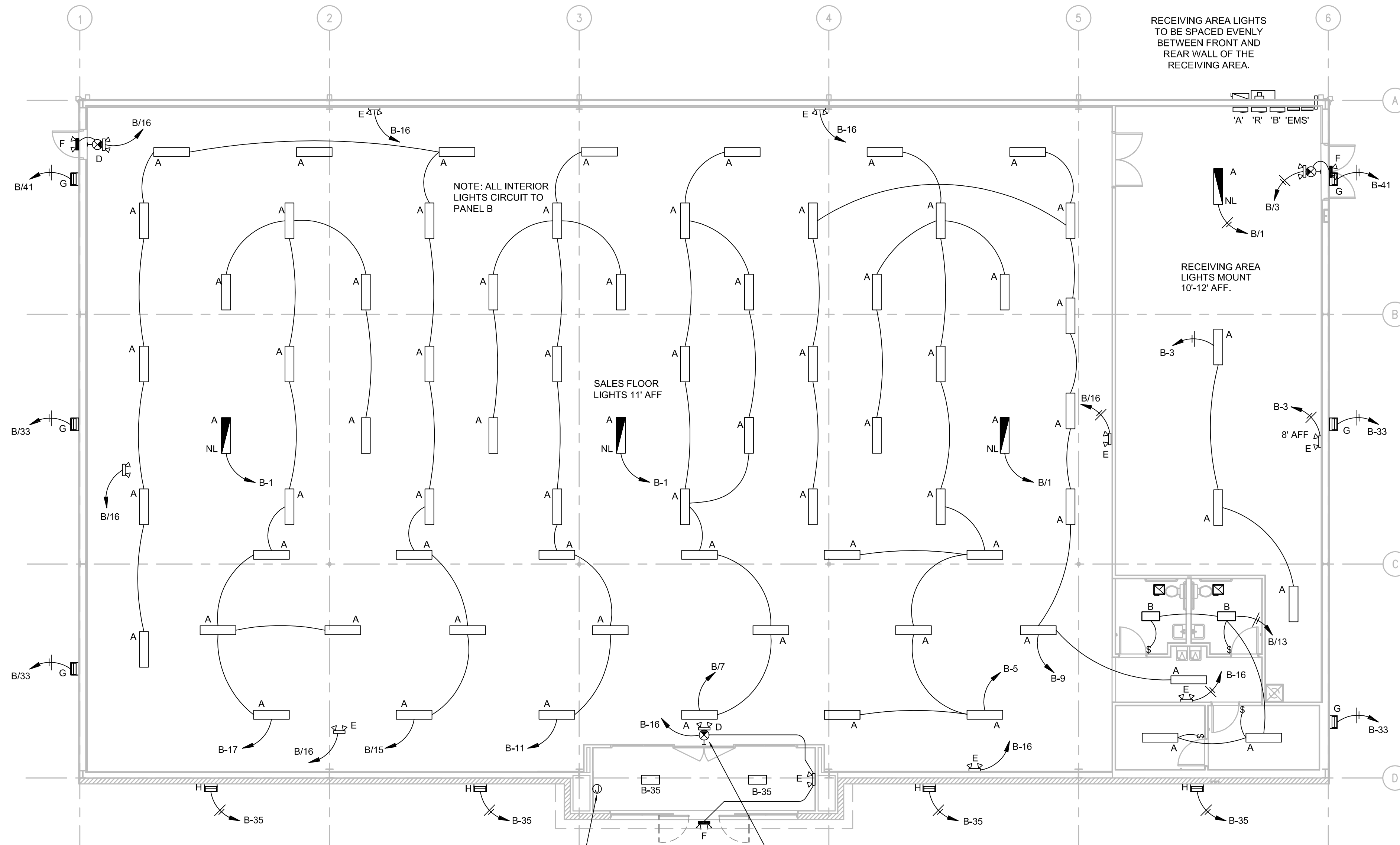
LIGHTING PLAN

SHEET TITLE

SPI Client	DATE
21017	3-19-21

SHEET NUMBER

**E2**



COORDINATE BUILDING SIGN SIZE WITH DOLLAR GENERAL SIGN DEPARTMENT BY EMAILING TO SIGNAGE@DOLLARGENERAL.COM. WIRE ON CIRCUIT B/23. LOCATE BOX HIGH ON WALL 12' LEFT FROM CENTER OF BUILDING FOR 26' SIGNS & 16' LEFT FROM CENTER OF BUILDING FOR 33' SIGNS. SEE ELEVATIONS.

1" PVC SCH. 40 UNDER GRADE SIGNS  
1" PVC SCH. 40 UNDER GRADE CIRCUITS TO SITE LIGHTING

EMERGENCY/EXIT SIGNS AND LIGHTS: INSTALL EMERGENCY LIGHTS & EXIT SIGNS (CENTERED AT 10'-6" AFF TO BE ABOVE FIXTURES & MERCHANDISE) THROUGHOUT THE BLDG. IN COMPLIANCE WITH ALL APPLICABLE CODES.

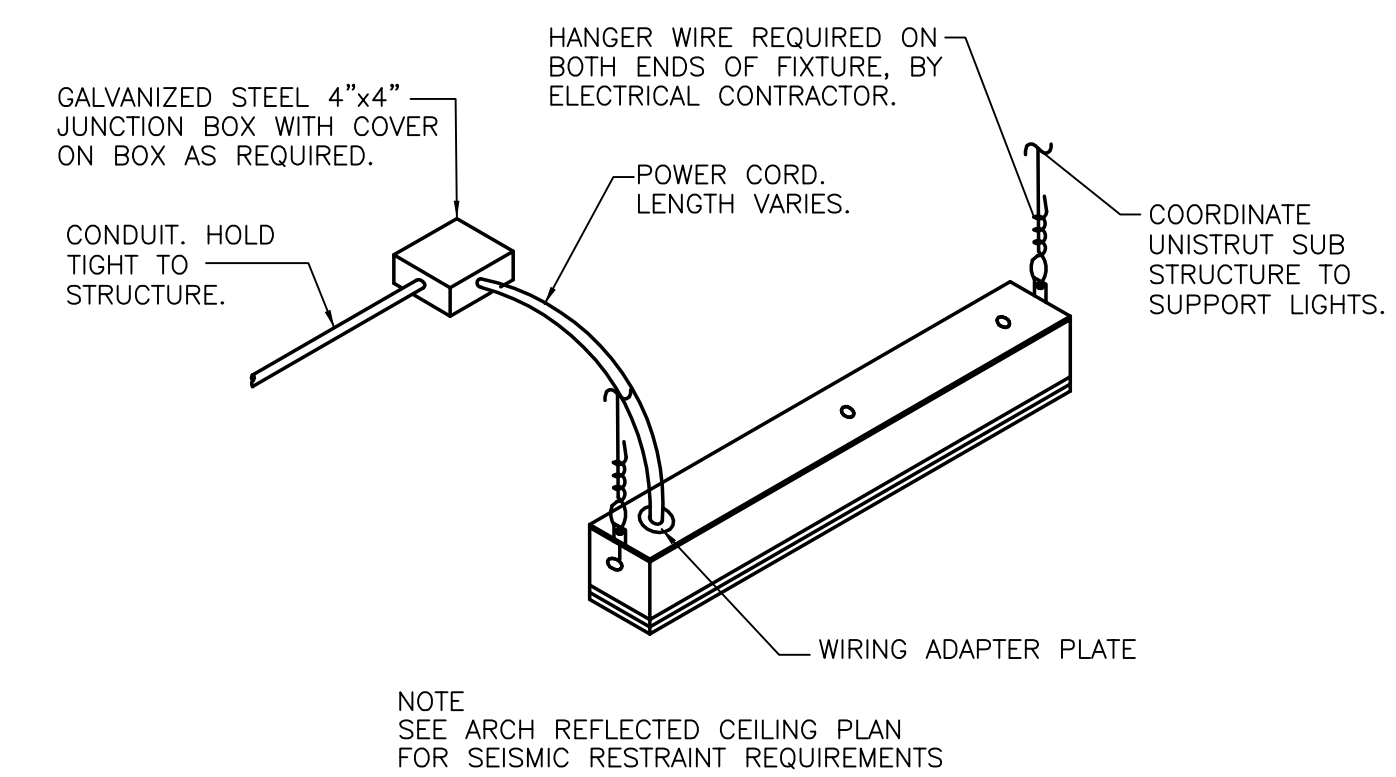
**LIGHT SPACING NOTE**  
RECEIVING AREA LIGHTS TO BE SPACED EVENLY BETWEEN FRONT AND REAR WALL OF THE RECEIVING AREA.

\* CIRCUITS B/31 AND B/33 TO BE USED FOR SIDE WALLPACKS. USUALLY ONLY ONE SIDE IS REQUIRED TO BE ILLUMINATED. USE SPARE CIRCUITS WHEN NEEDED, ROUTE THRU CONTACTOR C7 ON EMS PANEL

**1 LIGHTING PLAN**  
SCALE: 1/8" = 1'-0"

LEDS LIGHT FIXTURE SCHEDULE					
SYMBOL	TYPE	MANF.	PART #	DESCRIPTION	W
	A	LEDS	ST5000	4' LED STRIP FIXTURE AERIAL MOUNT INCLUDES (2) 8 FT CABLES	33
	A/NL	ETI	54583361	4' LED STRIP FIXTURE WITH BATTERY BACK-UP	33
	B	LEDS	ST2000	2' LED STRIP FIXTURE SURFACE MOUNT	20
	C	ETI	55301101	LED EXIT SIGN	1
	D	LEDS	EM2505	LED EXIT SIGN / EMERGENCY LIGHT COMBO WITH 2 HEADS	3
	E	LEDS	EL2500	LED INTERIOR EMERGENCY LIGHT WITH 2 HEADS	2
	F	LEDS	EL2501	LED EXTERIOR EMERGENCY LIGHT WITH 1 HEAD	1
	F2	LEDS	EL2502	LED EXTERIOR EMERGENCY LIGHT WITH 2 HEADS	2
	G	LEDS	WP4250Z	LED WALL PACK 1	42
	HB	LEDS	AL1210	LED WALL PACK 2	150
	HB/U	LEDS	AL1210 LIGHT WITH LEDS POLE DM490	1 HEAD LED AREA LIGHT MOUNTED ON 25' POLE	150
	HB2/U	LEDS	AL1210 LIGHT WITH LEDS POLE DM490	2 HEAD LED AREA LIGHT MOUNTED ON 25' POLE	300

NOTE: REFER TO SHEET 'T01' FOR NATIONAL ACCOUNT VENDORS LIST



NOTE: SEE ARCH REFLECTED CEILING PLAN FOR SEISMIC RESTRAINT REQUIREMENTS

**2 TYP. LED FIXTURE MOUNTING DETAIL**  
SCALE: 1/8" = 1'-0"



GENERAL ELECTRICAL NOTES

- 1. NATIONAL ELECTRICAL CODE AND ALL LOCAL AND STATE CODES.
2. ALL MATERIAL, EQUIPMENT & APPLIANCES SHALL BE NEW AND SHALL CONFORM TO THE STANDARDS OF THE UNDERWRITERS LABORATORIES, INC., AND THE NATIONAL MANUFACTURERS ASSOCIATION.
3. ALL ELECTRICAL PERMITS AND INSPECTION FEES SHALL BE OBTAINED AND PAID FOR BY THE ELECTRICAL CONTRACTOR.
4. DRAWINGS ARE DIAGRAMMATIC ONLY AND INDICATE ONLY THE GENERAL ARRANGEMENT. SEE ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS.
5. ELECTRICAL CONTRACTOR SHALL GUARANTEE ALL WORK AND MATERIALS FOR ONE YEAR EFFECTIVE THE DAY THE PROJECT IS ACCEPTED BY THE OWNER.
6. ELECTRICAL CONTRACTOR SHALL MAKE ALL ELECTRICAL POWER CONNECTIONS TO HVAC, PLUMBING AND OTHER EQUIPMENT AS REQUIRED.
7. A COMPLETE GROUNDING SYSTEM SHALL BE PROVIDED AND INSTALLED IN ACCORDANCE WITH ARTICLE 250 OF THE NEC, AND AS SHOWN ON THE DRAWINGS.
8. ALL CUTTING AND PATCHING OF WALLS AND FLOORS FOR ELECTRICAL EQUIPMENT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
9. ALL WIRING SHALL BE INSTALLED IN GALVANIZED RIGID CONDUIT, INTERMEDIATE METAL CONDUIT, OR EMT. EMT SHALL NOT BE USED IN OR UNDER CONCRETE SLABS, OR IN MASONRY WALLS. USE SCHEDULE 40 PVC OUTDOORS WHERE NOT SUBJECT TO PHYSICAL DAMAGE OR BELOW FLOOR SLAB.
10. CONDUCTORS SHALL BE COPPER RATED AT NOT LESS THAN 600 VOLTS. MINIMUM SIZE SHALL BE #12 AWG UNLESS OTHERWISE NOTED ON THE DRAWINGS. ALL WIRE #6 AWG AND LARGER SHALL BE STRANDED. ALL CONDUCTORS #10 AND SMALLER SHALL BE SOLID, UNLESS OTHERWISE NOTED.
11. BRANCH CIRCUIT CONDUCTORS SHALL BE TYPE THHN OR THWN AS REQUIRED.
12. PROVIDE A PULL WIRE IN ALL EMPTY CONDUITS.
13. PROVIDE A TYPED DIRECTORY IN ALL PANEL BOARDS CLEARLY DESCRIBING THE LOCATION OF AND TYPE OF LOAD BEING SERVED FOR ALL CIRCUITS.
14. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL ELECTRICAL EQUIPMENT FROM FOREIGN MATERIAL DURING CONSTRUCTION (PAINT, SPACKLE, ETC.).
15. FUSES 0 - 600 AMPS SHALL BE UL CLASS "RK-1" LOW PEAK DUAL ELEMENT TIME DELAY WITH 200,000 AMPERE INTERRUPTING RATING AS MANUFACTURED BY BUSS, UNLESS NOTED OTHERWISE.
16. VERIFY ALL REQUIREMENTS AND COORDINATE EXACT LOCATION OF INCOMING ELECTRICAL SERVICE WITH LOCAL POWER COMPANY PRIOR TO PROJECT START UP. NOTIFY ENGINEER OF ANY CHANGES.
17. PROVIDE SCHEDULE 40 PVC CONDUIT UNDERGROUND FROM TELEPHONE EQUIPMENT ROOM TO CONNECTION POINT AS DIRECTED BY LOCAL TELEPHONE COMPANY, SEE TEL. RISER DETAIL.
18. ALL TERMINALS, SPlicing CONNECTORS, LUGS, ETC. SHALL BE IDENTIFIED FOR USE WITH THE MATERIAL (CU/AL) OF THE CONDUCTOR AND SHALL BE PROPERLY INSTALLED. ALL TERMINALS, SPlicing CONNECTORS, LUGS, ETC. SHALL BE IDENTIFIED FOR USE WITH 75°C RATED CONDUCTORS.
19. PENETRATIONS OF REQUIRED SMOKE PARTITIONS SHALL BE SEALED USING METHODS APPROVED UNDER THE STATE BUILDING CODE. COORDINATION WITH THE GENERAL CONTRACTOR SHALL BE MAINTAINED TO INSURE THAT THIS SMOKE STOPPING IS ACCOMPLISHED.
20. WHERE PENETRATIONS ARE MADE THROUGH A REQUIRED FIRE-RESISTIVE WALL, FLOOR, OR PARTITION FOR THE PURPOSE OF RUNNING RACEWAY CARRYING ELECTRICAL, TELEPHONE, TELEVISION, OR LOCAL COMMUNICATION AND/OR SIGNALING CIRCUITS, THE OPENING AROUND THE RACEWAY SHALL BE FIRE STOPPED PER THE STATE BUILDING CODE. COORDINATION WITH THE GENERAL CONTRACTOR SHALL BE MAINTAINED TO INSURE THAT THIS FIRE STOPPING IS ACCOMPLISHED. USE APPROVED ASSEMBLIES SUCH AS THE FOLLOWING:
CONDUIT PENETRATIONS OF 1 & 2 HOUR GYP BOARD WALLS - U.L.#WL1001
CONDUIT PENETRATIONS OF 1 & 2 HOUR CONCRETE OR BLOCK WALLS - U.L.#CAJ1001
CONDUIT PENETRATIONS OF 1 & 2 HOUR CONCRETE FLOORS - U.L.#CAJ1001
21. IN REQUIRED FIRE RATED WALLS AND PARTITIONS, OPENINGS FOR INSTALLATION OF BOXES THAT ARE GREATER THAN 16 SQUARE INCHES SHALL BE PROTECTED AS REQUIRED BY U.L. COORDINATE CLOSELY WITH THE GENERAL CONTRACTOR TO INSURE THE INTEGRITY OF THE U.L. RATING IS MAINTAINED.
22. WHERE A HOME RUN IS SHOWN THE CIRCUIT SHALL BE INSTALLED IN A DEDICATED CONDUIT, DO NOT COMBINE WITH OTHER CIRCUITS. WHERE A CIRCUIT HOMERUN IS NOT SHOWN THE CONTRACTOR SHALL COMBINE CIRCUITS AS FOLLOWS:
A MAXIMUM OF THREE 20A BRANCH CIRCUITS MAY BE COMBINED IN A COMMON HOMERUN SHARING A COMMON NEUTRAL OR WITH SEPARATE NEUTRALS, A TOTAL OF SIX CURRENT CARRYING CONDUCTORS. ALL BRANCH CIRCUITS LARGER THAN 20A SHALL BE SEPARATELY HOMERUN TO THE PANEL. ALL HOME RUNS IN EXCESS OF 100' SHALL BE INCREASED ONE WIRE SIZE FROM THAT SHOWN FOR THE CIRCUIT, #10 AWG MINIMUM.

PANEL "A", 120/208 VOLT, 3 PHASE, 4 WIRE, 600A FRAME, 600A MCB, SURFACE MOUNT, NEMA 1
Table with columns: CKT #, LOAD, DESCRIPTION, AMP, POLE, TOTAL PER PHASE IN WATTS (A, B, C), AMP, POLE, DESCRIPTION, LOAD, CKT #.

CONNECTIVE LOAD SUMMATION
Table with columns: CATEGORY, WATTS, AMPS.

Table with columns: 120/208, 3-PHASE, 4W, PANEL, LOAD, CAPACITY: 600A, DEMAND, DEMAND FORMULA, TOTAL LOAD, CONNECTED, DEMAND.

POWER RISER NOTES

- 1. COORDINATE WITH ELECTRIC UTILITY TO OBTAIN NEW 120/208V, 3-PH, 4W SERVICE. E.C. SHALL PROVIDE CT CABINET AND METER CAN PER UTILITY SPECIFICATIONS. PROVIDE WEATHERHEAD IF OVERHEAD SERVICE.
2. SEE POWER PLAN FOR LOCATION AND ARRANGEMENT OF PANELS.
3. E.C. SHALL PROVIDE LABELS ON ELECTRICAL EQUIPMENT INDICATING THE MAXIMUM FAULT CURRENT AVAILABLE IN COMPLIANCE WITH NEC 110.24.
4. PROVIDE AN INTERSYSTEM BONDING TERMINATION FOR INTERSYSTEM BONDING PER NEC 250.04. PROVIDE TERMINALS FOR A MINIMUM OF FOUR CONNECTIONS.
5. E.C. SHALL PROVIDE A LABEL ON THE SERVICE DISCONNECT SWITCH INDICATING THE AVAILABLE FAULT CURRENT IN ACCORDANCE WITH NEC 110.24.

PANEL "R", 120/208 VOLT, 3 PHASE, 4 WIRE, 225 AMP, MLO, SURFACE MOUNT, NEMA 1
Table with columns: CKT #, LOAD, DESCRIPTION, AMP, POLE, TOTAL PER PHASE IN WATTS (A, B, C), AMP, POLE, DESCRIPTION, LOAD, CKT #.

PANEL "B", 120/208 VOLT, 3 PHASE, 4 WIRE, 225 AMP, MLO, SURFACE MOUNT, NEMA 1
Table with columns: CKT #, LOAD, DESCRIPTION, AMP, POLE, TOTAL PER PHASE IN WATTS (A, B, C), AMP, POLE, DESCRIPTION, LOAD, CKT #.

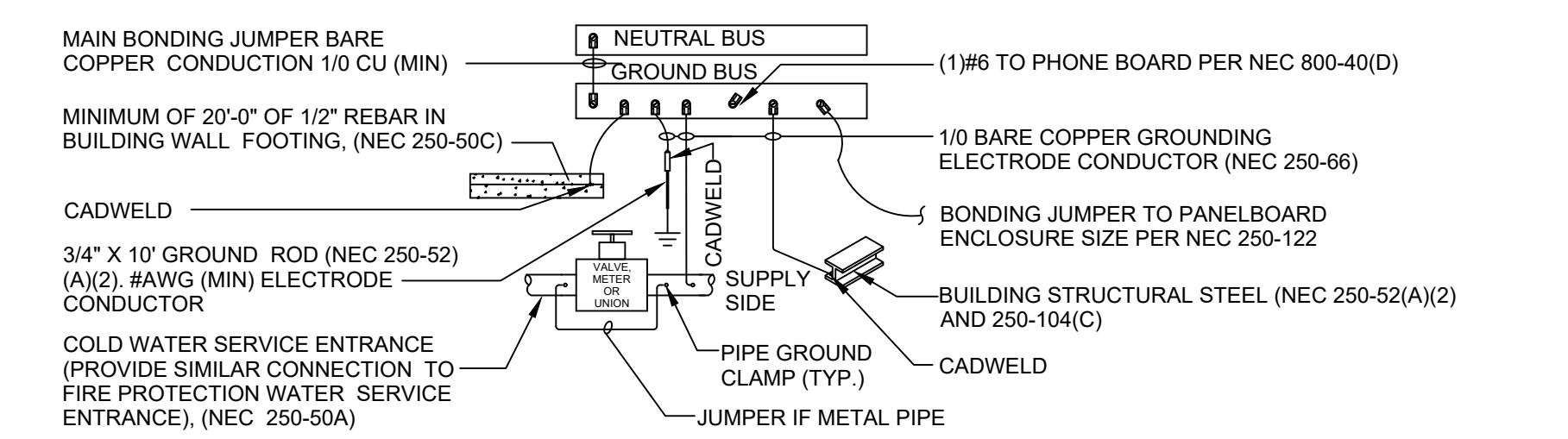
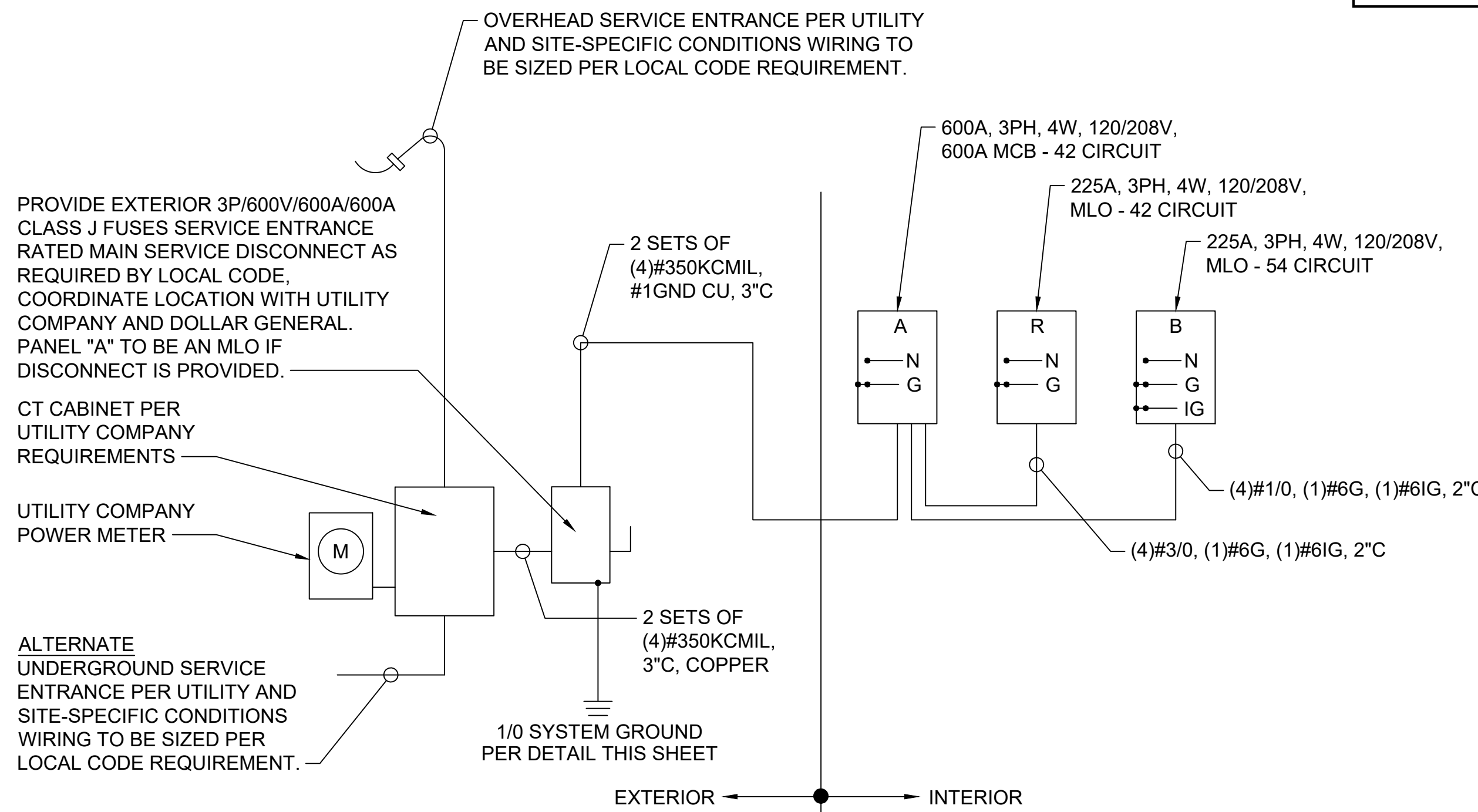


Table with columns: #, DATE, REVISION.

DOLLAR GENERAL #23228
MOLLY PITCHER HIGHWAY
FRANKLIN COUNTY PA
MARION, PA 17235

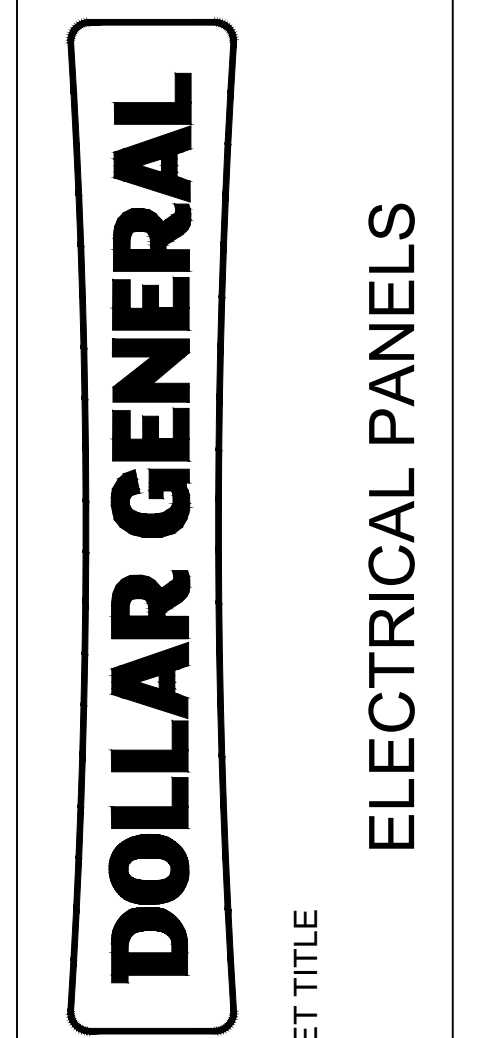
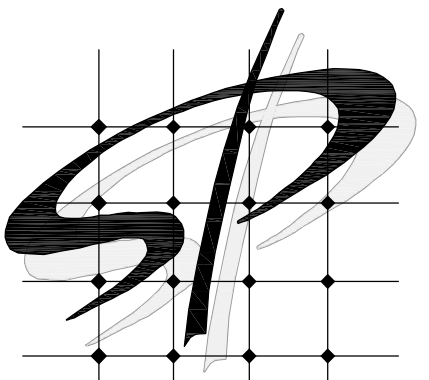


Table with columns: SPI Client, DATE, 21017, 3-19-21.

SHEET NUMBER E3





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#	DATE	REVISION

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**DOLLAR GENERAL**

ELECTRICAL SITE PLAN

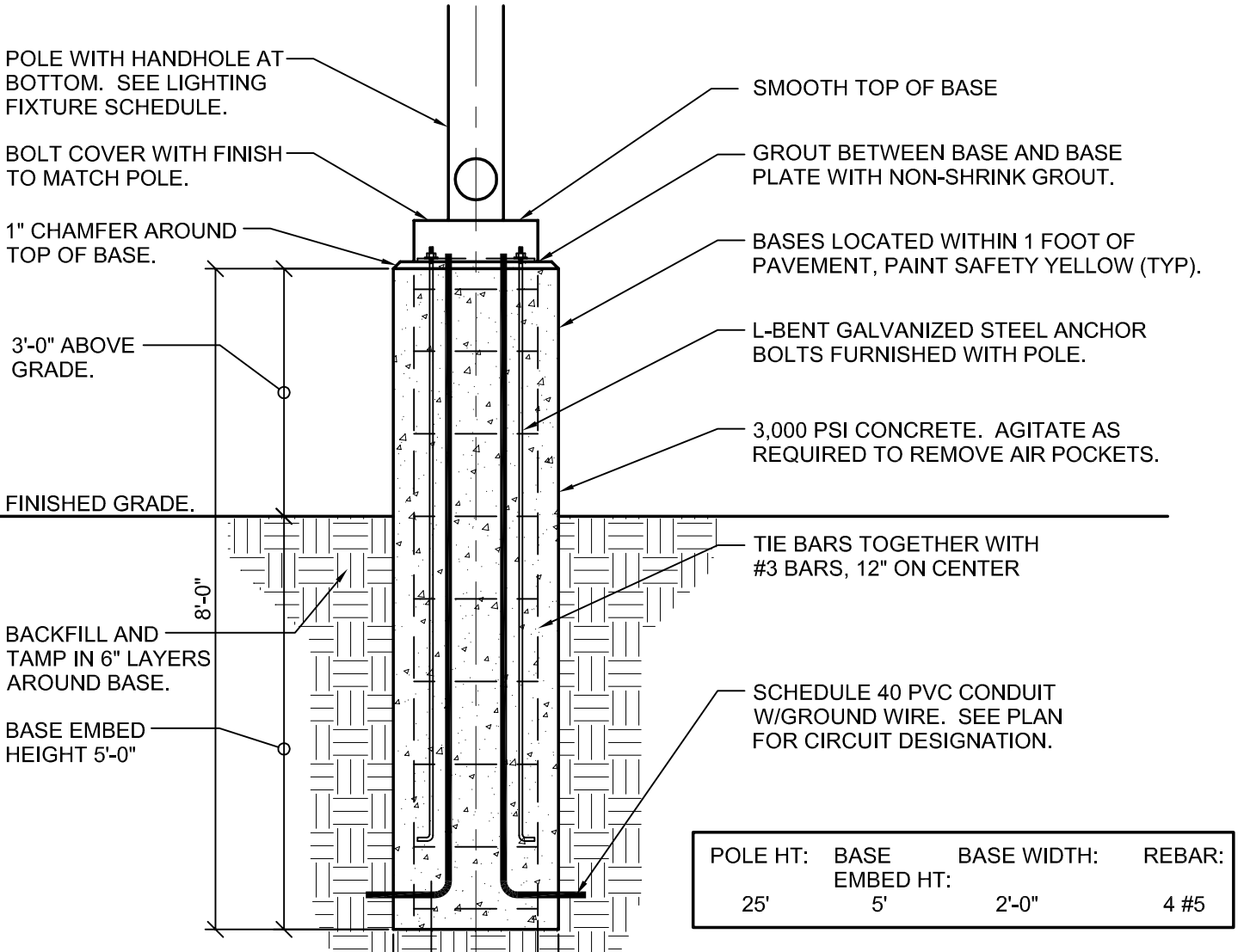
SHEET TITLE

SPI Client	DATE
21017	3-19-21

SHEET NUMBER

**E4**

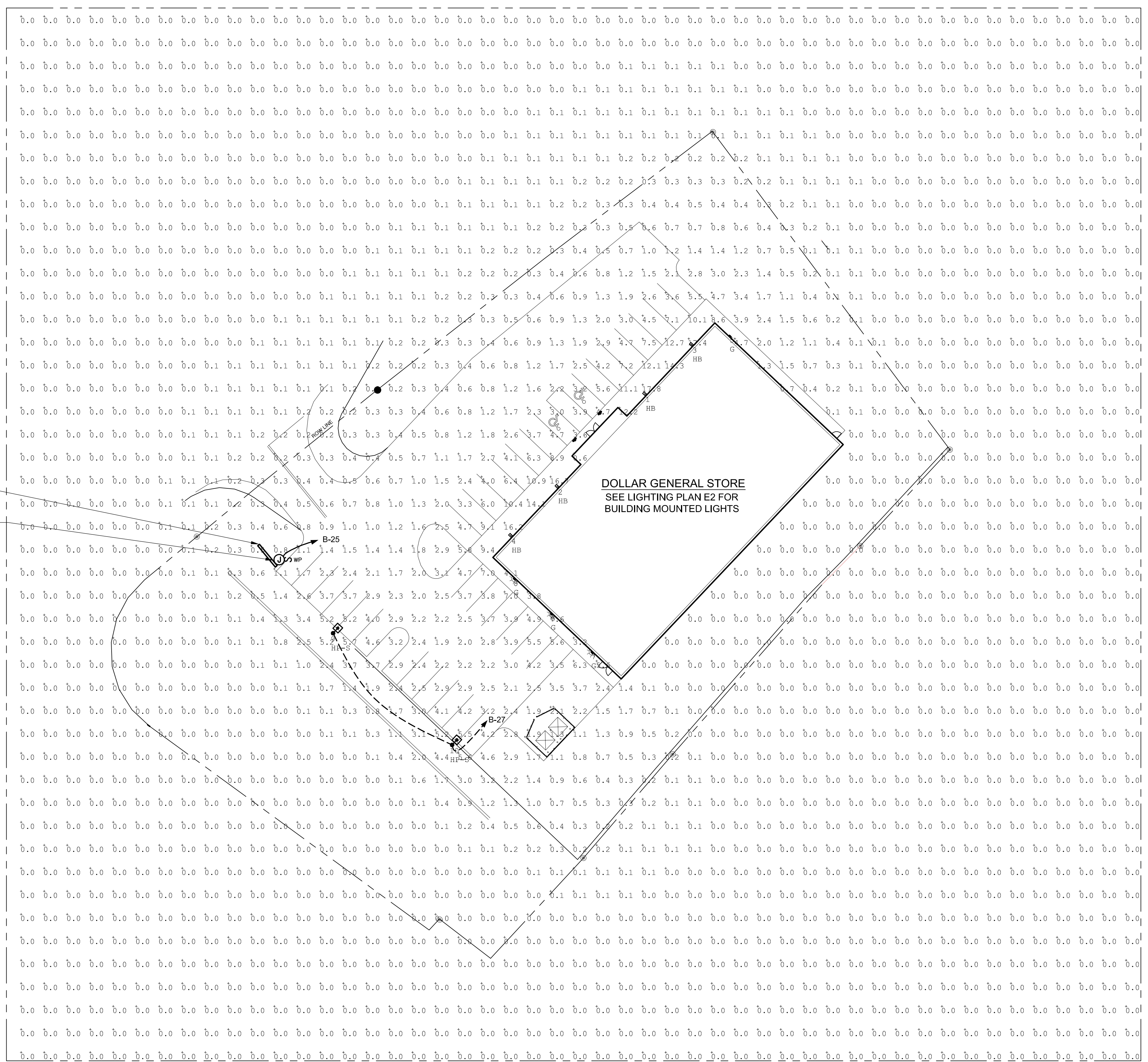
- SITE LIGHTING NOTES**
- FINAL SIGN CONNECTION AND UNDERGROUND CONDUIT IS LANDLORD RESPONSIBILITY. PROVIDE CONDUIT FROM THE ELECTRICAL PANEL TO LOCATION OF THE Pylon SIGN BASE. BURY CONDUIT UNDER PARKING AREA. THE CONDUIT IS TO BE 1" AND HAVE ONE SET TO 10/2 WIRE WITH GROUND AND A 20-AMP TWO POLE BREAKER AT THE PANEL. A TEMPORARY 3" TALL STAKE SHALL BE PROVIDED TO DESIGNATE THE Pylon SIGN LOCATION UNTIL THE SIGN IS PERMANENTLY INSTALLED. REMOVE POST AFTER SIGN IS INSTALLED.
  - SITE / PARKING LOT LIGHTING: PROVIDE ADEQUATE POLE AND/OR WALL LIGHTING FOR NIGHT VISION AROUND ENTRY, PARKING AND DUMPSTER PAD AREAS.
  - MINIMUM OF 1.5 FOOT-CANDELES REQUIRED FOR ALL PAVED AREAS OR AS SPECIFIED IN LATEST DOLLAR GENERAL DESIGN CRITERIA EXCLUDING 15' PERIMETER FROM EDGE OF PAVEMENT.
  - REQUIRED LIGHTING: A COMBINATION OF POLE LIGHTS, BUILDING MOUNTED LIGHTS AND WALL PACKS WILL BE USED. REFER TO ELECTRICAL SITE PLAN AND ELECTRICAL LIGHTING PLAN FOR ADDITIONAL INFORMATION.
  - PLEASE NOTE THAT LIGHTING DESIGN AND LAYOUT SHOULD BE SITE SPECIFIC & MAY REQUIRE ADDITIONAL LIGHTING TO COMPLY WITH SITE DESIGN CONDITIONS. THEREFORE, MAKE PROVISIONS FOR MORE POLE LIGHTING WHEN A SPECIFIC SITE REQUIRES IT.
  - UNDERGROUND ELECTRICAL SHALL BE PROVIDED TO THE SITE LIGHT POLES AND Pylon SIGN(S).
  - WHERE LOCAL JURISDICTIONS DO NOT ALLOW DOLLAR GENERAL'S REQUIRED LIGHTING PLAN, AN ALTERNATE SITE LIGHTING PLAN & PHOTOMETRIC PLAN MUST BE SUBMITTED FOR APPROVAL TO THE DOLLAR GENERAL AUTOCAD-STORE PLAN DEPARTMENT.
  - PHOTO METRIC SITE ANALYSIS PROVIDED BY DOLLAR GENERAL VENDORS: SEE VENDOR LIST SHEET T01 FOR CONTACT INFO.
  - CONTACT DOLLAR GENERAL VENDOR FOR PRICING OF WALL PACKS AND POLE LIGHTING. SEE VENDOR LIST ON TITLE SHEET FOR CONTACT INFORMATION.
  - SEE ELECTRICAL LIGHTING PLAN FOR MORE INFORMATION.
  - VERIFY LOCAL DARK SKY REQUIREMENTS AND CONTACT VENDOR FOR APPROVED ALTERNATES IF REQUIRED.



NOTE: ALLOW 30 DAYS FOR CONCRETE BASE TO CURE BEFORE INSTALLING POLE.

ILLUMINATED DOLLAR GENERAL SIGN WITH UNDERGROUND ELECT POWER

PROVIDE J-BOX AND WEATHERPROOF DISCONNECT FOR SIGN. COORDINATE EXACT LOCATION W/CIVIL PLANS PRIOR TO ROUGH-IN.



Symbol	Qty	Label	Arrangement	Total Lamp Lumens	LLF	Description
HP-S	2	HP-S	SINGLE	13632	0.950	LEDS-1210-S - Single Pole Mt 150w, Type 4, 5K, Shielded
HB	4	HB	SINGLE	19188	0.950	LEDS-AL120 - Wall Mt. 150w, Type 4, 5K
G	4	G	SINGLE	4740	0.950	LEDBG42W001B-5000K - Wall Pack, 42W, Full Cutoff, 5K

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Site	ILLuminance	Fc	0.42	17.8	0.0	N.A.	N.A.
Parking Lot	ILLuminance	Fc	3.51	17.8	0.3	11.70	59.33

LumNo	Label	Z
1	HB	16.5
2	HB	16.5
3	HB	16.5
4	HB	16.5
5	G	12
6	G	12
7	G	12
8	G	12
9	HP-S	27
10	HP-S	27

**1 ELECTRICAL SITE PLAN**  
SCALE: NONE