

GENERAL CONSTRUCTION NOTES

NOTES APPLY BASED ON PROJECT WORK SCOPE

- 1 - CONTRACTOR SHALL READ AND UNDERSTAND ALL NOTES INCLUDED HERewith AND ADHERE CAREFULLY TO THEM THROUGHOUT ALL PHASES OF THE PROJECT.
2 - ALL NEW CONSTRUCTION SHALL BE IN STRICT COMPLIANCE WITH LOCAL BUILDING CODES, COMAR 5.02.02 CODE OF MARYLAND REGULATIONS AND MARYLAND ACCESSIBILITY CODE.
3 - ALL WORK SHALL BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT. (OSHA)
4 - FURNISH AND INSTALL ALL CONSTRUCTION, MECHANICAL, ELECTRICAL, PLUMBING, AND FOUNDATION SYSTEMS AS REQUIRED TO ACCOMMODATE THE DESIGN REQUEST OF THE THE OWNER.
5 - 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 (+/-).
6 - ALL DIMENSIONS ARE GIVEN FROM FINISHED WALL TO FINISHED WALL UNLESS OTHERWISE NOTED.
7 - "EQUAL" WHEN USED SHALL MEAN AN EQUIVALENT PRODUCT OR MATERIAL AS APPROVED BY THE OWNER.
8 - ALL HEIGHTS ARE DIMENSIONED FROM FINISHED FLOOR UNLESS OTHERWISE NOTED.
9 - 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.
10 - ALL GYPSUM WALL BOARD PARTITIONS SHALL BE TAPED, BEDDED AND SANDED SMOOTH WITH NO VISIBLE JOINTS, AND ALL CORNERS SHALL RECEIVE METAL CORNER BEAD.
11 - ALL RATED WALLS SHALL HAVE THEIR RATING MAINTAINED AND ALL NEW PENETRATIONS SEALED TO MEET CURRENT CODE REQUIREMENTS.
12 - 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.
13 - GENERAL CONTRACTOR SHALL PROVIDE ADEQUATE BRACING AS REQUIRED TO SECURE WORK TO STRUCTURE AND SHALL BE TOTALLY RESPONSIBLE FOR HIS WORK.
14 - 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.
15 - THE FOLLOWING ARE STRICTLY PROHIBITED WORK AND PRACTICES :
A . ANY COMBUSTIBLE MATERIALS ABOVE FINISHED CEILING.
B . IMPOSING ANY STRUCTURAL LOAD, TEMPORARY OR PERMANENT, ON ANY PART OF BUILDING STRUCTURE WITHOUT PRIOR WRITTEN APPROVAL.
C . 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.
16 - CONTRACTORS SHALL CARRY ADEQUATE LIABILITY INSURANCE AS SET FORTH BY THE OWNER AND THE LANDLORD.
17 - A CERTIFICATE OF COMPLETION MUST BE OBTAINED UPON COMPLETION OF ALL WORK AND FINAL INSPECTIONS. THE ORIGINAL DOCUMENT TO BE SUBMITTED TO THE OWNER.
18 - THE CONTRACTOR SHALL OBTAIN AND PAY ALL NECESSARY PERMIT COSTS AND FEES REQUIRED BY PUBLIC AUTHORITIES, UTILITY COMPANIES, AND OTHER INCURRED COST.
19 - PROVIDE ALL INSURANCE, LICENSES, BONDING, AND RELEASE OF LIENS REQUIRED BY THE OWNER. PROVIDE COPIES OF DOCUMENTATION UPON REQUEST.
20 - PROVIDE COMPLETE OPERATING MAINTENANCE, AND SPECIFICATION MANUALS TO THE OWNER FOR ALL EQUIPMENT WITHIN 15 DAYS OF FINAL COMPLETION OF JOB.
21 - 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.
22 - 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.
23 - ALL INTERIOR WALLS SHALL HAVE ONE COAT OF WHITE PRIMER.
24 - THE FOLLOWING SECURITY PROCEDURES SHALL BE IN FOLLOWED WHEN THE TENANT'S FINISH WORK BEGINS.
A . THE G.C. AND SUB-CONTRACTORS PERSONNEL SHALL SIGN IN WHEN THEY ARRIVE IN THE MORNING
B . AT ALL TIMES THEY WILL ENTER AND EXIT THROUGH THE OUTSIDE PARKING LOT DOORS.
C . ANY TOOL BOXES, CARTONS, ETC. THAT THE WORKERS WOULD USE TO TRANSPORT MATERIALS, ETC. ARE SUBJECT TO INSPECTION UPON DEPARTURE.
25 - ALL WALLS SHALL BE SQUARE AND PLUMB.
26 - 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.
28 - 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 CONFINE ALL VEHICLES TO DESIGNATED AREA AS REQUIRED BY THE OWNER.
29 - 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.
30 - ALL SIGNAGE FURNISHED AND INSTALLED BY FUTURE TENANT UNLESS OTHERWISE NOTED.

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

SPECIAL INSPECTIONS

THE FOLLOWING PROFESSIONAL SERVICES FIRM WILL PROVIDE SPECIAL INSPECTIONS FOR THIS PROJECT IN ACCORDANCE WITH JURISDICTIONAL SPECIAL INSPECTION REQUIREMENTS.

HILL-CARNES ENGINEERING ASSOCIATES, INC. 10228 GOVERNOR LANE BLVD WILLIAMSPORT, MARYLAND 21795 PHONE: 301-582-4602 FAX: 301-582-4614 ONLINE: www.hcea.com

DEFERRED SUBMITTALS

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

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

DOLLAR GENERAL

STORE #24134 | DGHP PROTOTYPE 'C+' FLINTSTONE DRIVE | ALLEGANY COUNTY FLINTSTONE, MARYLAND 21530

Table with 5 columns: COMPANY, CONTACTS, PHONE #, REQUIRED ITEMS. Lists vendors for various categories like RAINBIRD IRRIGATION, CONCRETE POLISHING, RECORD DOOR SYSTEMS, STANLEY ACCESS TECHNOLOGIES, ASSA ABLLOY ENTRANCE SYSTEMS, COOK & BOARDMAN GROUP, SHERWIN WILLIAMS, YORK, CARRIER, LENNOX, ROOF CURB SYSTEMS, CURBS PLUS INC., KCC INTERNATIONAL INC., CED - CONSOLIDATED ELECTRICAL DISTRIBUTORS, WESCO, USLED, LEDS, CUMBERLAND DISTRIBUTORS, D&P CUSTOM LIGHTING, CROSSCOM NATIONAL, ASD, GRAYBAR, EMERSON CLIMATE TECHNOLOGIES, STANLEY CONVERGENT SECURITY SOLUTIONS.

NATIONAL ACCOUNT & CONTACT INFORMATION SUBJECT TO CHANGE

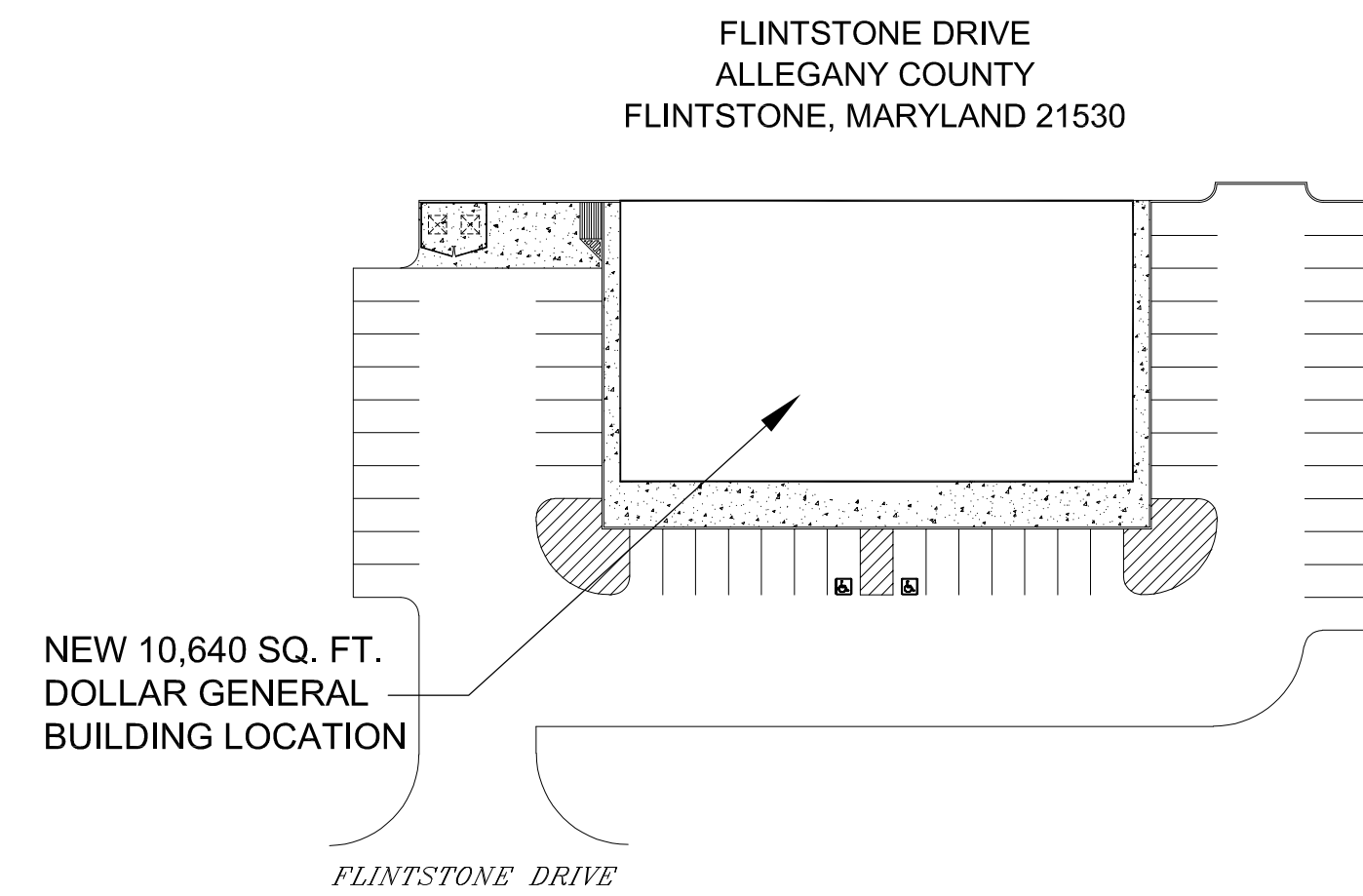
SYMBOLS LEGEND

- X XXX DETAIL MARKER, INDICATES DETAIL NUMBER AND SHEET NUMBER WHERE IT IS LOCATED.
X XXX ELEVATION MARKER, POINTS TO AREA AND INDICATES ELEVATION NUMBER.
X XXX SECTION MARKER INDICATES SECTION NUMBER AND SHEET NUMBER WHERE IT IS LOCATED.
X COLUMN REFERENCE MARKER
1 REFERENCE NOTE MARKER TO NOTE SCHEDULE LEGEND DESCRIPTION
ROOM NAME 100 ROOM NAME AND NUMBER MARKER.
100 DOOR MARKER
0'-0" A.F.F. VERTICAL ELEVATION MARKER
FE 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
CL.G. = 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
GIWB = 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

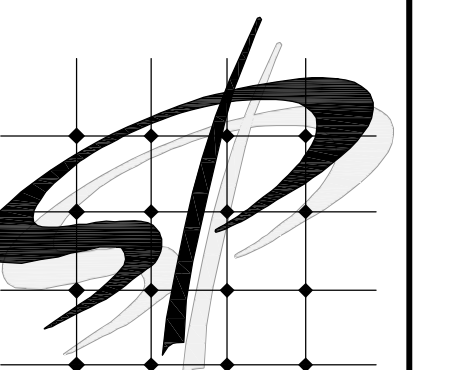


PROJECT CONTACTS

Table with 3 columns: TENANT (DOLLAR GENERAL), DEVELOPER (ROWLAND HOLDINGS, LLC), CIVIL ENGINEER (TECTONICS DESIGN GROUP), ARCHITECTURE (STORE PLANNING INC.), STRUCTURAL ENGINEER (H. EUGENE HUNTER, PE), GEOTECHNICAL ENGINEER (HILL-CARNES ENGINEERING ASSOCIATES, INC.), MECH/PLUMBING ENGINEER (GEORGE W. 'BILLY' AUSTIN JR, PE), ELECTRICAL ENGINEER (TIMOTHY A. PAYNE, PE), JURISDICTION (ALLEGANY COUNTY MARYLAND LAND DEVELOPMENT SERVICES).

INDEX TO DRAWINGS

Table with 4 columns: GENERAL, CIVIL, ARCHITECTURAL, STRUCTURAL, PLUMBING, MECHANICAL, ELECTRICAL. Lists drawing titles and their original and latest revision dates.



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



Professional Certification, I certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the laws of the State of Maryland License Number 14053 Expiration Date 12/27/2022

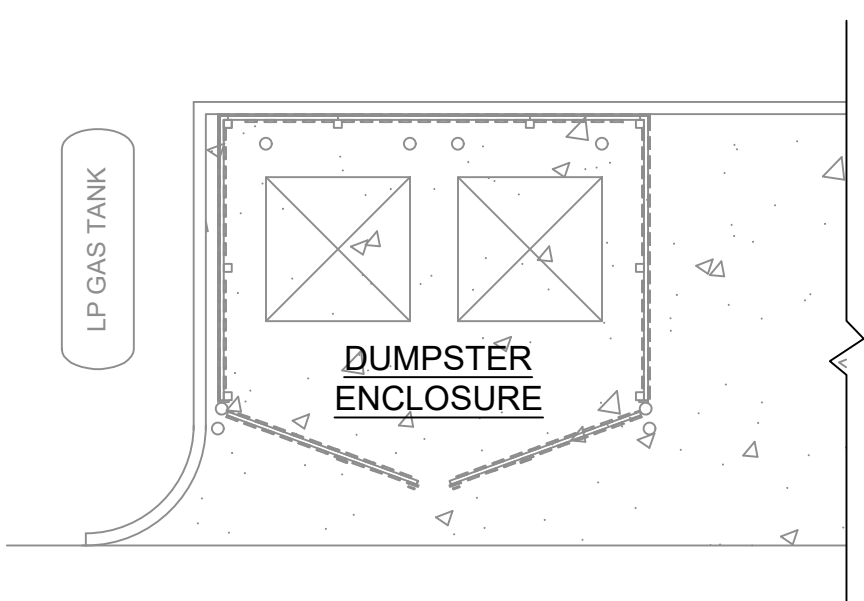
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DOLLAR GENERAL #24134 ALLEGANY COUNTY MD FLINTSTONE, MARYLAND

DOLLAR GENERAL TITLE SHEET SHEET TITLE

Table with 2 columns: SPI Client, DATE. Row 1: 22116, 3-18-22

SHEET NUMBER T1

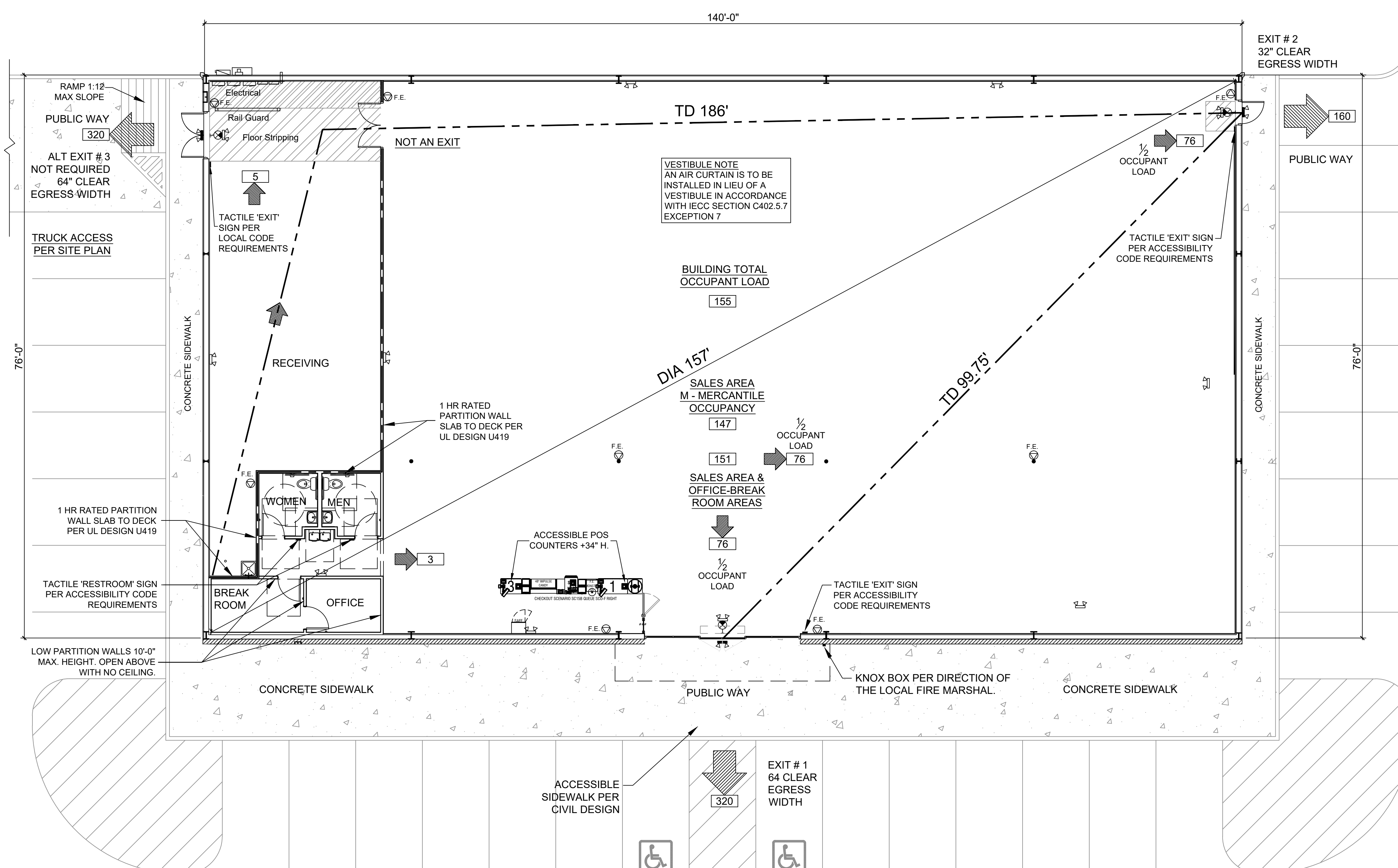


EMERGENCY LIGHT NOTE
ALL EMERGENCY LIGHTS ARE SUPPLIED WITH AN INTEGRAL 90 MINUTE MINIMUM BATTERY BACKUP SOURCE

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 | ALLEGANY COUNTY | FLINTSTONE, MD

SUMMARY OF WORK: NEW CONSTRUCTION

USE GROUP: M - MERCANTILE (PRIMARY) | S-1 STORAGE (<10% RECEIVING ROOM)

BUILDING TYPE: TYPE II B

BUILDING HT: 20'-0" CLIMATE ZONE: 4

SEISMIC: USE GROUP II DESIGN CATEGORY 'A' SITE CLASS 'D' (ASSUMED)

GENERAL REQUIREMENTS:
FIRE SPRINKLER SYSTEM: NO (LESS THAN 12,000 SF)
FIRE ALARM SYSTEM: NO (LESS THAN 500 OCCUPANT LOAD)
FIRE EXTINGUISHERS: YES (PER DIRECTION OF THE FIRE MARSHAL)

CHAPTER 5 - ALLOWABLE BUILDING HEIGHTS AND AREAS:
ALLOWED: HEIGHT: 2 STORY AREA: 12,500 SF
PROVIDED: HEIGHT: 1 STORY AREA: 10,640 SF

TABLE 601 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

TABLE 602 FIRE RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE:
10 < x < 30 TYPE II B | OCCUPANCY - GROUP M 0 HR

CHAPTER 10 - OCCUPANT LOADING:
AREA SQ. FT. % DIVIDER: # PERSONS:
GROSS (Entire Bldg.) 10,640 100 300 160
SALES (M-MERCANTILE) 8,807 82.8 60 147
RECEIVING (S-1 STORAGE) 1,046 9.8 300 4
OFFICE/RESTROOMS 324 3.0 150 3
ANCILLARY 250 2.3 300 1
FLOOR AREA GROSS 10,427 155

CHAPTER 10 - MEANS OF EGRESS:
1-500 OCCUPANCY UNITS: # DOORS UNITS: UNINSPIRINKLED
EXITS PROVIDED EXITS #: UNITS/EXIT: # DOORS UNITS:
EXIT # 1 1 32 2 64 320
EXIT # 2 1 32 1 32 160
EXIT # 2 2 96 480

(BETWEEN EXITS)
DIAGONAL RULE: TD' DIAGONAL' DIA/2= SUMMARY
103' 157' 79' TD 103' > DIA/2 79' = OK

PLUMBING FIXTURE COUNT (IPC) AREA #1
PERSONS: 155
50% M: 78 50% F: 78
MALES 1 PER 500: 1M # WC (1M WC)
1 PER 750: 1M # LAV (1M LAV)
FEMALES 1 PER 500: 1F # WC (1F WC)
1 PER 750: 1F # LAV (1F LAV)
DRINKING FOUNTAINS 1 PER 1000: 1 D.F. (2 D.F.'s)
JANITOR 1 PER 1000: 1 SS (1SS)

#	DATE	REVISION

APPLICABLE CODES

BUILDING: 2018 ICC INTERNATIONAL BUILDING CODE (IBC) W/ AMENDMENTS

ELECTRICAL: 2014 NEC NATIONAL ELECTRIC CODE

PLUMBING: 2018 ICC INTERNATIONAL PLUMBING CODE

FUEL & GAS: 2018 ICC INTERNATIONAL FUEL GAS CODE (IFGC) INCLUDING AMENDMENTS

MECHANICAL: 2018 ICC INTERNATIONAL MECHANICAL CODE (AS REFERENCED BY IBC 2015)

FIRE CODE: 2018 NFPA 1 FIRE CODE (NATIONAL FIRE PROTECTION ASSOCIATION) W/ AMENDMENTS PER STATE CODE: STATE OF MARYLAND FIRE PREVENTION CODE (REFERENCE COMAR 29.06.01) W/ STATE FIRE MARSHAL MODIFICATIONS (REFERENCE COMAR 05.02.01) PUBLIC SAFETY ARTICLE TITLE 12, SUBTITLE 6 ANNOTATED CODE OF MARYLAND

LIFE SAFETY: 2018 NFPA 101 LIFE SAFETY CODE (NATIONAL FIRE PROTECTION ASSOCIATION) W/ AMENDMENTS, PER STATE CODE: STATE OF MARYLAND FIRE PREVENTION CODE (REFERENCE COMAR 29.06.01) W/ STATE FIRE MARSHAL MODIFICATIONS (REFERENCE COMAR 05.02.01) PUBLIC SAFETY ARTICLE TITLE 12, SUBTITLE 6 ANNOTATED CODE OF MARYLAND

ACCESSIBILITY: 2012 MARYLAND ACCESSIBILITY CODE (MAC), (REF: COMAR SECTION 05.02.02)

ENERGY: 2018 INTERNATIONAL ENERGY CONSERVATION

CONSERVATION: 2018 IGCC - INTERNATIONAL GREEN CONSERVATION CODE (REF: COMAR 05.02.07)

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.

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

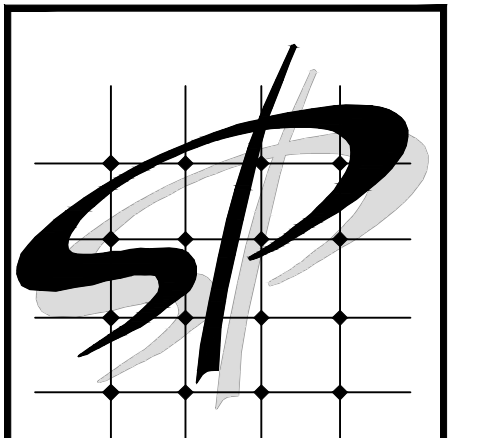
F.E. GENERAL FIRE EXTINGUISHER CRITERIA:
FIRE EXTINGUISHER: DRY CHEMICAL, 2-A MIN. RATING, WALL MOUNT WITH BOTTOM OF EXTINGUISHER AT 30" A.F.F. UNLESS OTHERWISE INSTRUCTED BY THE FIRE MARSHAL.

LEGEND

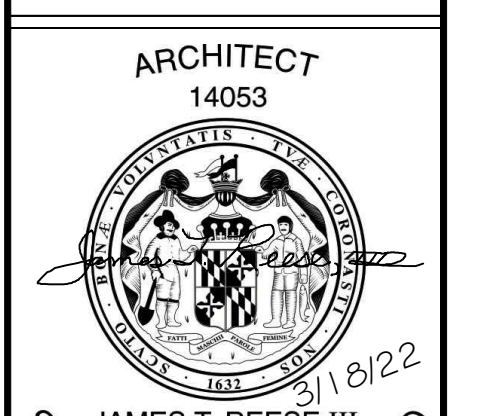
155 ACTUAL OCCUPANT LOAD

480 MAX OCCUPANT LOAD

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



STORE PLANNING Inc
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Professional Certification, I certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the laws of the State of Maryland License Number 14053 Expiration Date 12/27/2022

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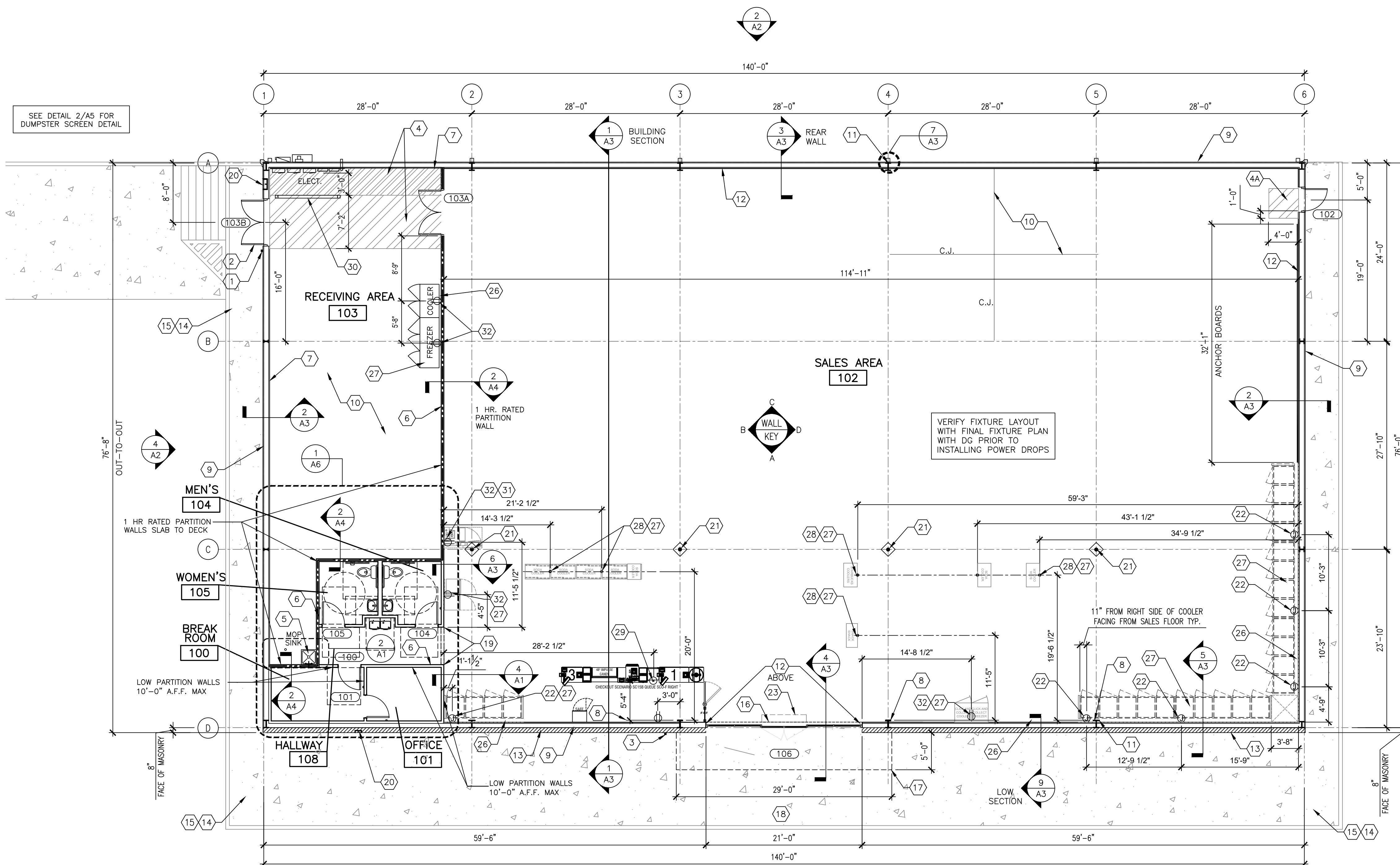
DOLLAR GENERAL #24134
ALLEGANY COUNTY MD
FLINTSTONE, MARYLAND

DOLLAR GENERAL

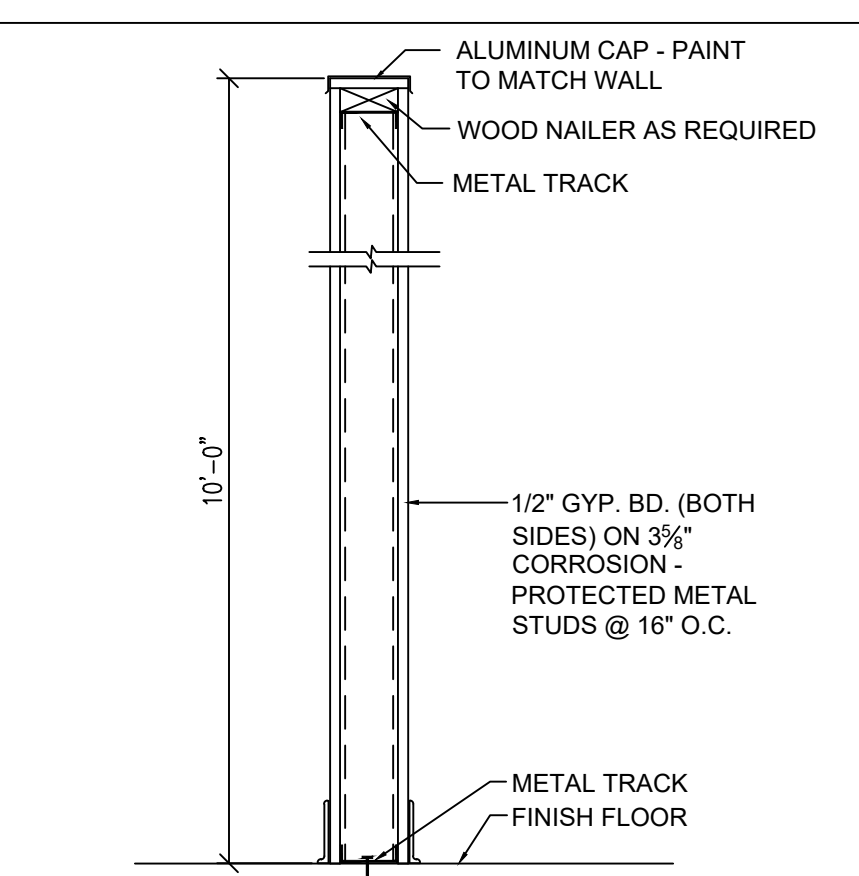
LIFE SAFETY PLAN

SHEET TITLE

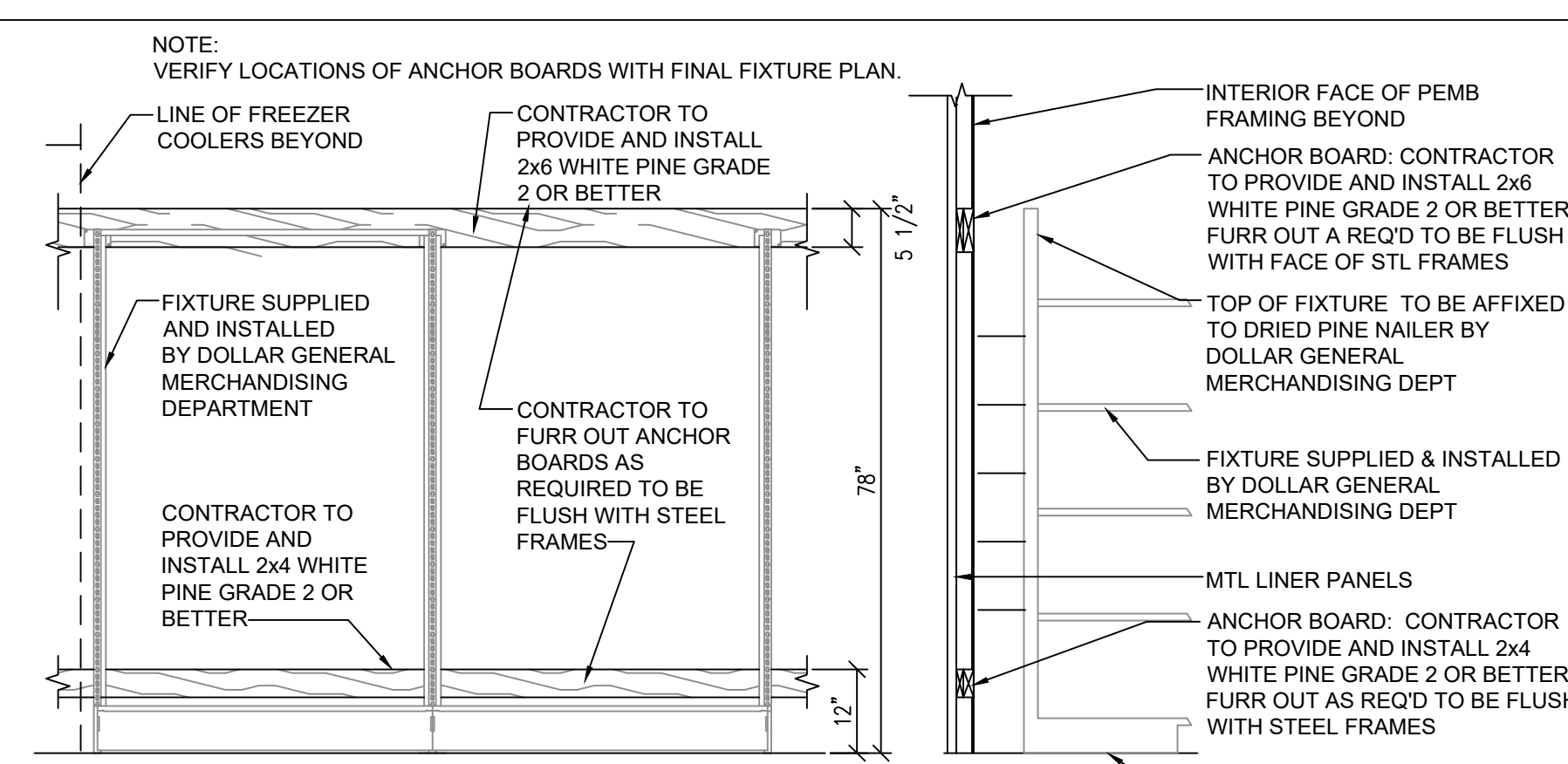
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SHEET NUMBER	
T2	



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

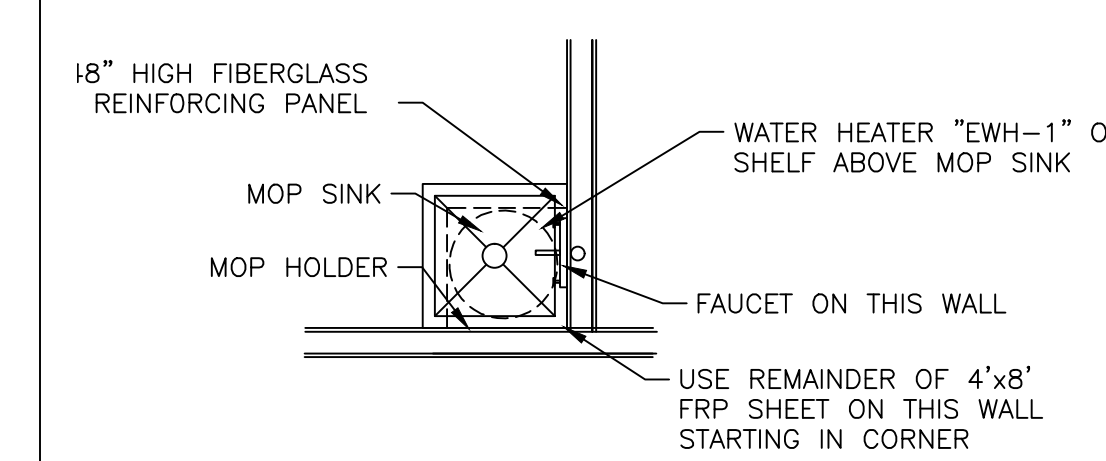


4 LOW WALL SECTION
1/2" = 1'-0"



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

- DRINK FIXTURE WALL MOUNTING SUPPORT NOTES:**
1. PROVIDE AND INSTALL 2x6 WHITE PINE - GRADE 2 OR BETTER.
 2. PROVIDE AND INSTALL 2x4 WHITE PINE - GRADE 2 OR BETTER.
 3. FASTEN THE 2x6 TO THE WALL WITH THE TOP EDGE OF THE BOARD AT 78" A.F.F. REFER TO FINAL DG FIXTURE PLAN FOR LENGTH AND LOCATION OF BOARD.
 4. FASTEN THE 2x4 TO THE WALL WITH THE TOP EDGE OF THE BOARD AT 12" A.F.F. REFER TO FINAL DG FIXTURE PLAN FOR LENGTH AND LOCATION OF BOARD.
 5. PRE-DRILL PILOT HOLES IN ALL BOARDS PRIOR TO INSTALLATION TO PREVENT WOOD SPLITS.
 6. SECURE THE 2x6 WITH TWO SELF-TAPPING SCREWS. MINIMUM SCREW SIZE IS 4"x 1/4".
 7. FASTEN THE 2x4 WITH WITH SELF-TAPPING SCREW PER WALL STUD. MINIMUM SCREW SIZE IS 4"x 1/4".
 8. CAULK THE EDGES OF THE 2x6 AT THE TOP AND BOTTOM WHERE IT MEETS THE WALL PRIOR TO PAINTING.
 9. PRIME AND PAINT BOTH BOARDS TO MATCH WALL COLOR.



2 ENLARGED PLAN AT MOP SINK
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 GS3 & GS2 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 ACCESSIBLE RAMP AT SIDE WALK PER CIVIL DESIGN.
- 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 AIR DOOR CURTAIN ABOVE. SEE MECHANICAL.
- 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.

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



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

ARCHITECT
14053



JAMES T. REESE III
STATE OF MARYLAND
Professional Certification, I certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the laws of the State of Maryland License Number 14053 Expiration Date 12/27/2022

#	DATE	REVISION

DOLLAR GENERAL #24134
ALLEGANY COUNTY MD
FLINTSTONE, MARYLAND

DOLLAR GENERAL
FLOOR PLAN AND DETAILS

SPI Client	DATE
22116	3-18-22

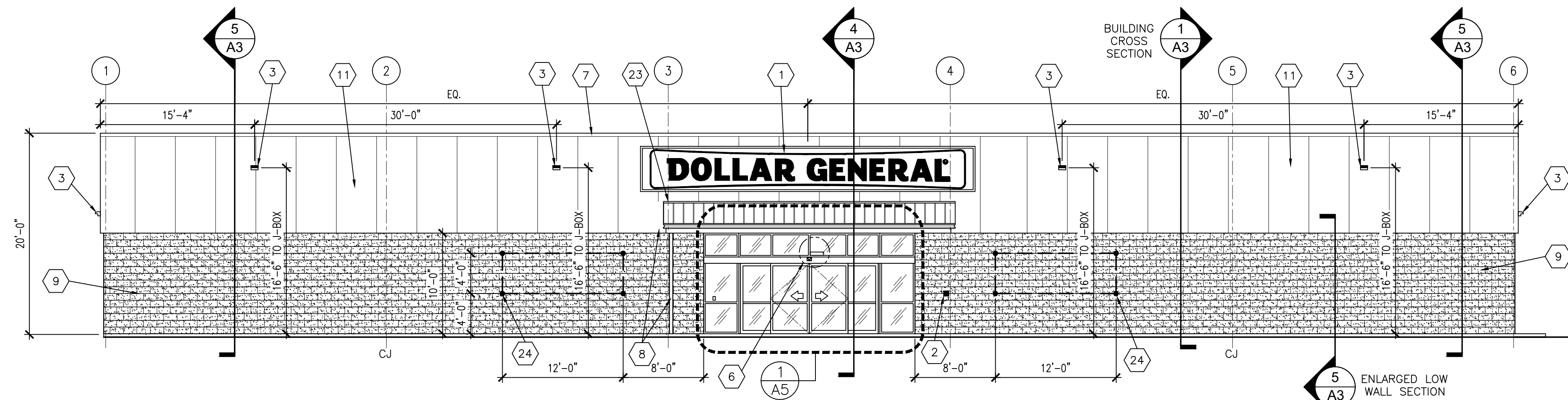
SHEET NUMBER
A1



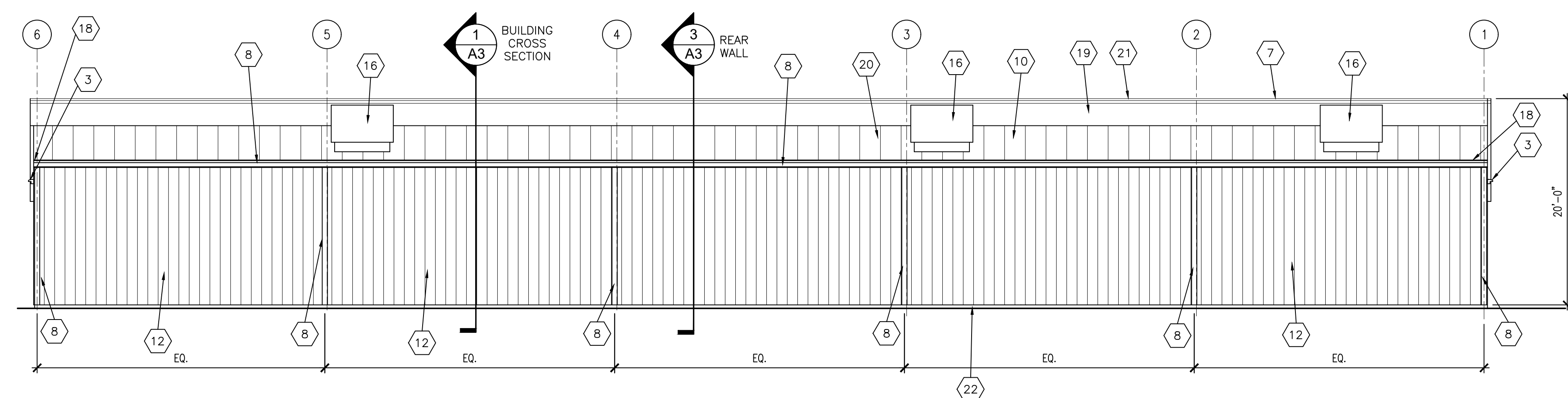
NOTE:
ADDRESS LETTERS MIN. 4" HIGH AND MIN. 0.5" WIDE. INSTALL ON CONTRASTING BACKGROUND PLAINLY VISIBLE FROM STREET. CONFIRM LOCAL ADDRESSING MINIMUM STANDARDS

6 ADDRESS NUMBERS
NO SCALE

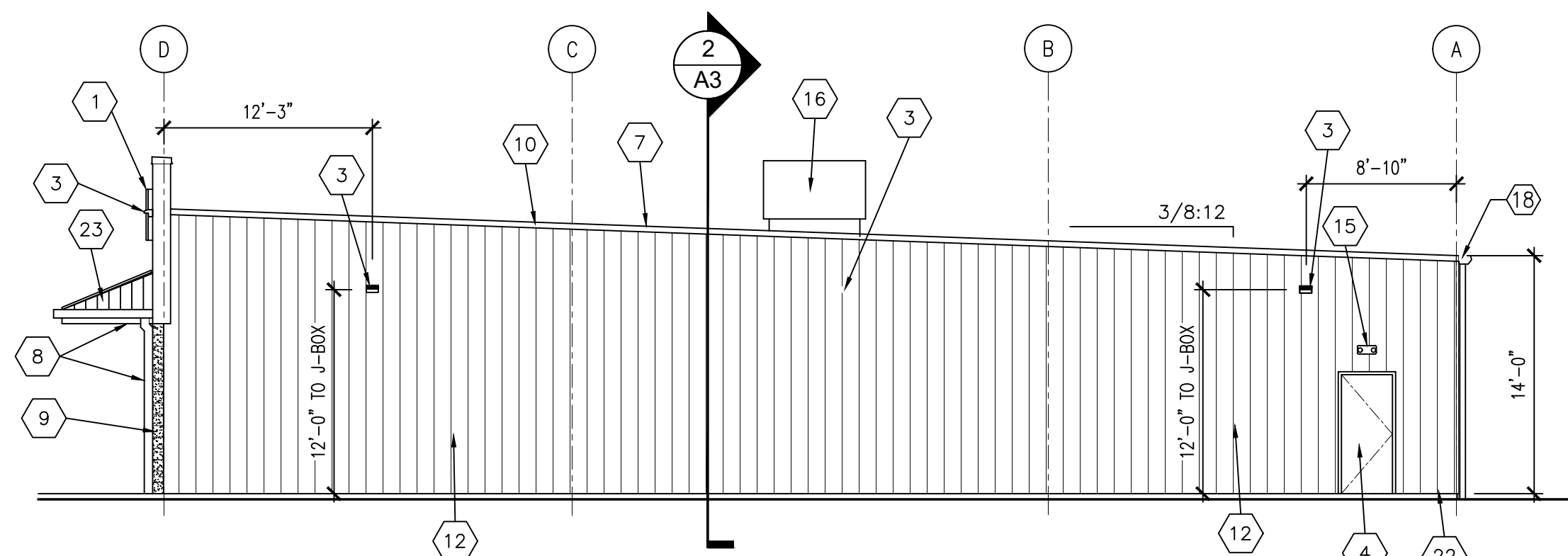
FINISHES	PEMB VENDOR	VP BUILDINGS	STAR BUILDING SYSTEMS	NUCOR BUILDING SYSTEMS	BIG BEE STEEL BUILDINGS	CHIEF BUILDINGS	PREFERRED COLORS IF ALTERNATE EXTERIOR MATERIALS ARE USED INSTEAD OF METAL PANELS
		ATTN: RANDY SPEARS 205-907-8176	ATTN: JEFF HORN 866-664-8899	ATTN: BOB BARRY 315-622-4440	ATTN: KEVIN BUSLER 800-633-3378	ATTN: ERIN SULLIVAN 800-845-1767	
EXTERIOR FINISHES ARE TO MATCH OR BE EQUAL TO VP METAL BUILDING SYSTEM'S FINISH SELECTION UNLESS AUTHORITY HAVING JURISDICTION DOES NOT ALLOW.	COYL EGYPTIAN	COYL DARK BRONZE	COYL COTTON	COYL POLAR WHITE	COYL LIGHT STONE	COYL MEDIUM BRONZE	COYL POLAR WHITE
GUTTERS	•	•	•	•	•	•	•
DOWN SPOUTS	•	•	•	•	•	•	•
SIDE AND REAR METAL WALL PANELS & TRIM, RECEIVING & EMERGENCY EXIT DOORS (EXTERIOR OF DOORS TO BE PAINTED. REFER TO DOOR SCHEDULE)	•	•	•	•	•	•	•
ARCHITECTURAL BLOCK AT BUILDING FACADE TO BE PRE-FINISHED OR PAINTED (2 COATS - LOKON XP MASONRY COATING A24W00 SERIES) TO MATCH THE METAL WALL PANEL.	•	•	•	•	•	•	•
FLAT METAL SOFFIT AT STOREFRONT VESTIBULE.	•	•	•	•	•	•	•
BUILDING FASCIA WALL, PARAPET OVER ENTRANCE, AND CANOPY STOREFRONT SYSTEM	•	•	•	•	•	•	•
STANDING SEAM METAL ROOF PANELS	•	•	•	•	•	•	•
INTERIOR SALES AND RECEIVING FLOOR LINER PANELS	•	•	•	•	•	•	•



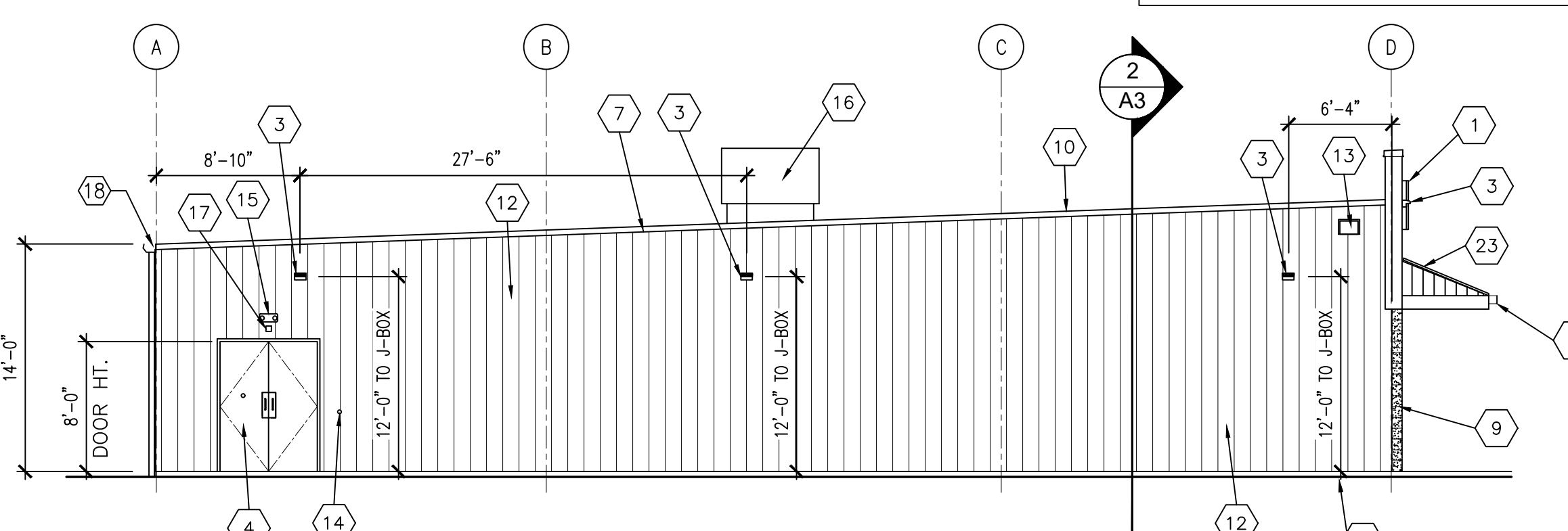
1 FRONT ELEVATION
1/8" = 1'-0"



2 REAR ELEVATION
1/8" = 1'-0"



3 SIDE ELEVATION (EMG EXIT)
1/8" = 1'-0"



4 SIDE ELEVATION (TRUCK SIDE)
1/8" = 1'-0"

- ### ELEVATION KEYED NOTES
- SIGN FURNISHED AND INSTALLED BY DOLLAR GENERAL CORP. WITH CIRCUIT AS NOTED ON ELECTRICAL PLAN. SIGN TO BE CENTERED ON FRONT OF BUILDING. CONTRACTOR IS TO PROVIDE ADEQUATE BLOCKING AS REQUIRED BY SIGN MANUFACTURER TO SUPPORT SIGN WEIGHT OF UP TO 1,400 LBS. EXTERIOR CANOPY SIGN SHALL BE SUPPORTED BY THE FACE OF CANOPY. CONTRACTOR IS TO PROVIDE ADEQUATE STRUCTURE TO SUPPORT SIGN. COORDINATE THE PROPER SIGNAGE TO BE USED WITH DOLLAR GENERAL.
 - KNOX BOX PER DIRECTION OF THE LOCAL FIRE MARSHAL.
 - WALL PACK LIGHT. REFER TO ELEC. FOR ADDITIONAL INFO.
 - PAINT DOOR EXTERIOR SW7041 'VAN DYKE BROWN'. PAINT DOOR INTERIOR SW6991 'BLACK MAGIC'.
 - NOT USED
 - ADDRESS LOCATION.
 - PEMB METAL TRIM - SEE FINISH SCHEDULE FOR COLOR.
 - PEMB GUTTER AND DOWNSPOUT - SEE FINISH SCHEDULE FOR COLOR.
 - 8" SPLIT FACE CONCRETE MASONRY UNIT. PAINT AS SCHEDULED.
 - STANDING SEAM METAL ROOF.
 - PRE-FINISHED PEMB METAL WALL PANELS FOR FASCIA AND PARAPET OVER ENTRANCE, REVERSE RIB PROFILE.
 - PRE-FINISHED METAL WALL PANELS FOR SIDE AND REAR. PROVIDE TAMPER-RESISTANT FASTENERS FOR BOTTOM 8'-0".
 - VENT FOR BATHROOM EXHAUST. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
 - DOOR BUZZER. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
 - EXTERIOR EMERGENCY LIGHTS. SEE ELECTRICAL.
 - HVAC UNITS MOUNTED ON ROOF. REFER TO MECHANICAL FOR MORE INFORMATION.
 - OUTSIDE AIR TEMP. SENSOR MOUNTED OVER RECEIVING DOOR AT 9'-0" A.F.F.
 - MINIMUM EAVE HEIGHT IS 14'-0" A.F.F.
 - PARAPET BEYOND.
 - IN NORTHERN CLIMATES, PROVIDE SNOW GUARDS ON ROOF PER LOCAL CODE.
 - EXTEND PARAPET WALL UP AS NEEDED TO SCREEN ROOF MOUNTED EQUIPMENT IF REQUIRED BY LOCAL ORDINANCE.
 - FINISH GRADE TO BE A MINIMUM OF 6" BELOW FINISHED FLOOR LEVEL AT ALL NONPAVED AREAS.
 - RAISED RIBBED METAL CANOPY BY PRE-ENGINEERED METAL BUILDING MANUFACTURER.
 - 1/2" DIAMETER x 6" LONG STEEL EYE BOLTS (CLOSED) WITH 1" DIAMETER OPENINGS. DRILL AND EPOXY INTO BLOCK WALL. 4 BOLTS TO BE LOCATED AS SHOWN EACH SIDE OF ENTRY. TOTAL OF 8 BOLTS.

THIS SIGN IS TO BE PROVIDED AND INSTALLED BY THE DEVELOPER OR CONTRACTOR AT THE BEGINNING OF CONSTRUCTION PROJECT.



5 TEMP. JOB SITE SIGN
NO SCALE



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

ARCHITECT
14053



JAMES T. REESE III
STATE OF MARYLAND
Professional Certification, I certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the laws of the State of Maryland License Number 14053 Expiration Date 12/27/2022

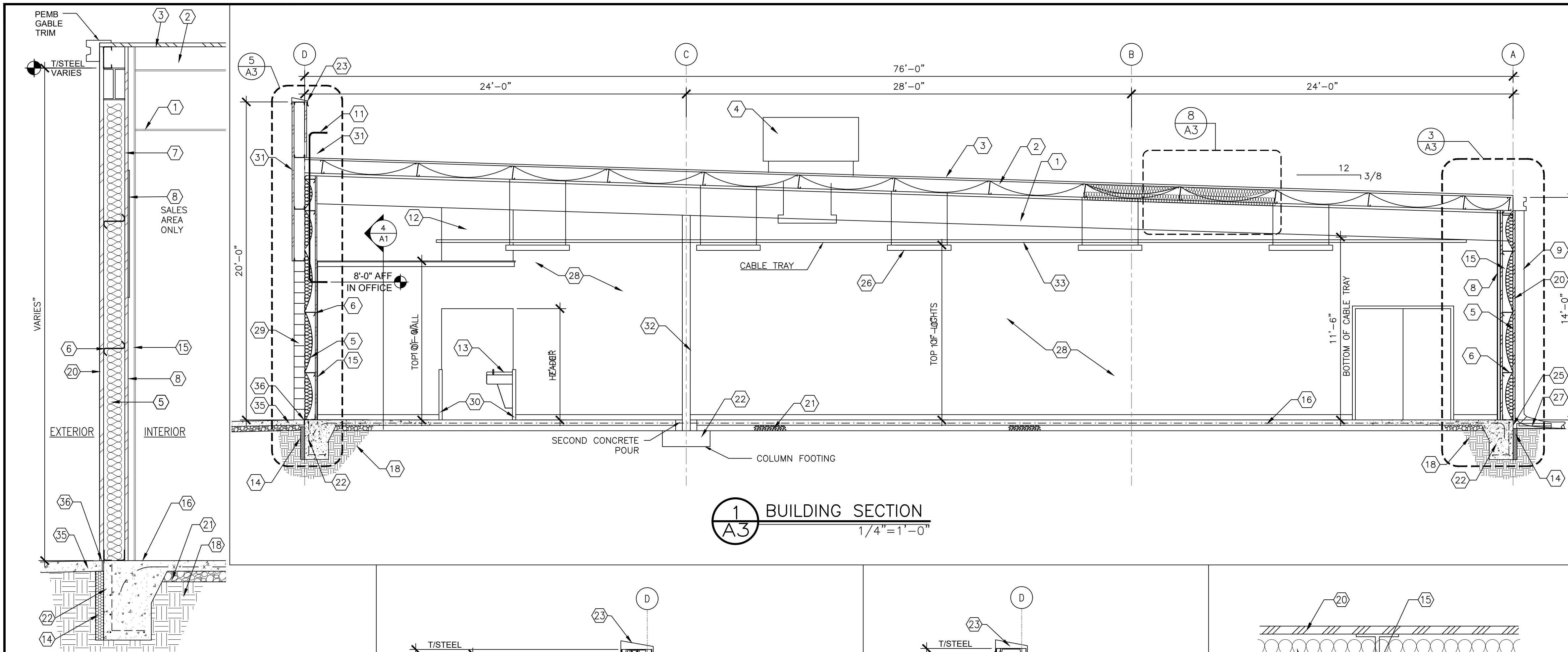
#	DATE	REVISION

DOLLAR GENERAL #24134
ALLEGANY COUNTY MD
FLINTSTONE, MARYLAND

DOLLAR GENERAL
SHEET TITLE
EXTERIOR ELEVATIONS & DETAILS

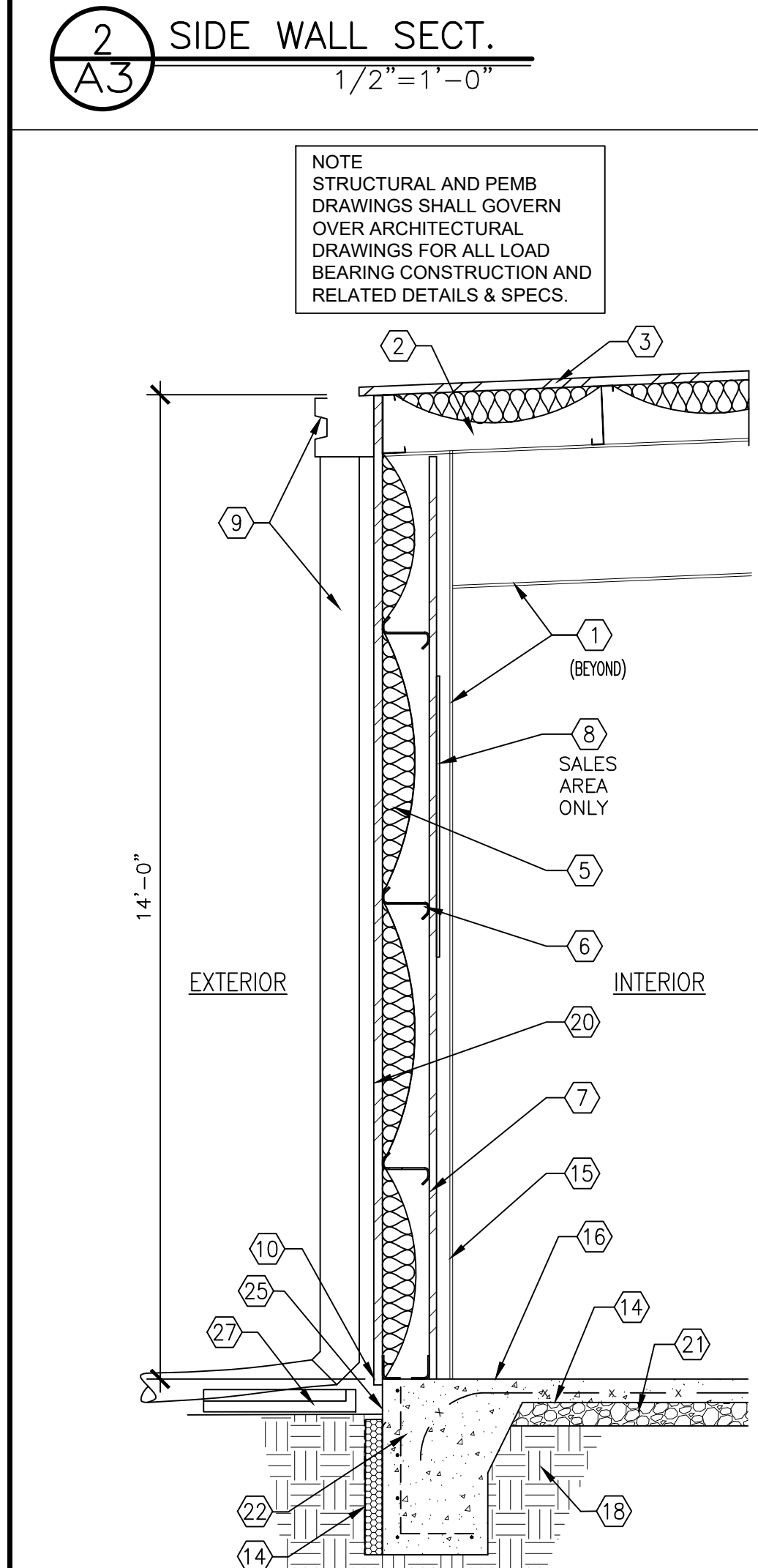
SPI Client DATE
22116 3-18-22

SHEET NUMBER
A2



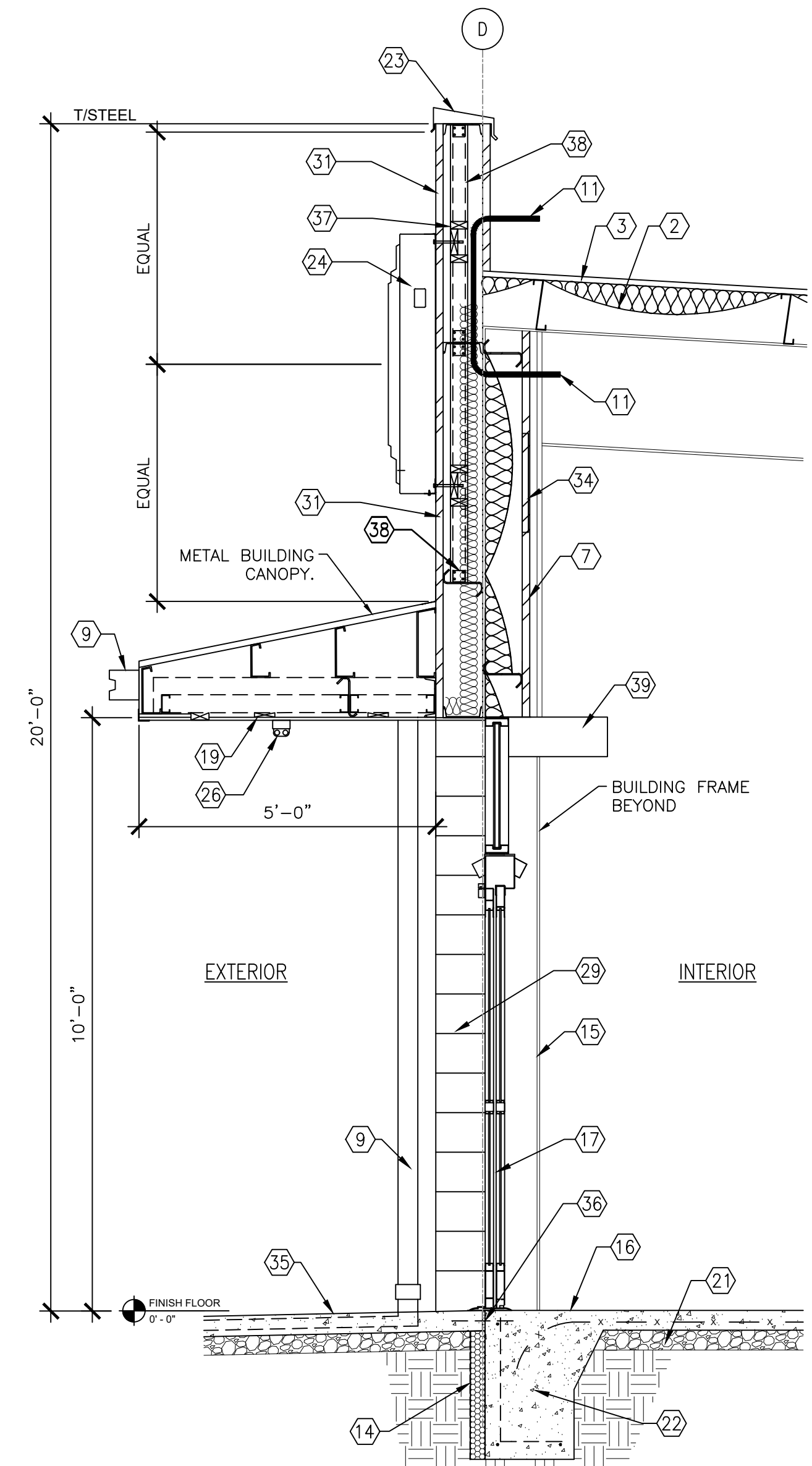
1 BUILDING SECTION
A3
1/4" = 1'-0"

- ### SECTION KEYED NOTES
- PRE-ENGINEERED METAL BUILDING SYSTEM BY BUILDING MANUF.
 - ROOF INSULATION: 1 LAYER R-11 INSULATION + 1 LAYER R-19 INSULATION W/ R-5 THERMAL BLOCKS AT EACH PURLIN (BY PEMB) + INSULATION SYSTEM TO LEAVE BOTTOM OF PURLINS EXPOSED FOR ATTACHMENTS-"SAG AND BAG" CALCULATED W/ ASSEMBLY PREFERRED. "LONG TAB/BANDED FILLED CAVITY" ACCEPTABLE.
 - STANDING SEAM METAL ROOF - GALVALUME FINISH.
 - ROOF MOUNTED HVAC UNIT. SEE MECH.
 - WALL INSULATION MINIMUM R-13 VINYL FACED BATT INSULATION CALCULATED W/ ASSEMBLY (BY PEMB)
 - 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.
 - ADA COMPLIANT DRINKING FOUNTAIN, SEE PLUMBING DRAWINGS.
 - 2" TH. R-10 SLAB INSULATION FOR A MIN VERTICAL COVERAGE AREA OF 24" W/ MOISTURE BARRIER ON EXTERIOR GC'S OPTION RUN INSULATION INTERIOR OR EXTERIOR AS NEEDED TO MEET LOCAL CODE
 - 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.
 - SOFT FLOOR 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 PEMB 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..
 - AIR CURTAIN. SEE MECHANICAL.

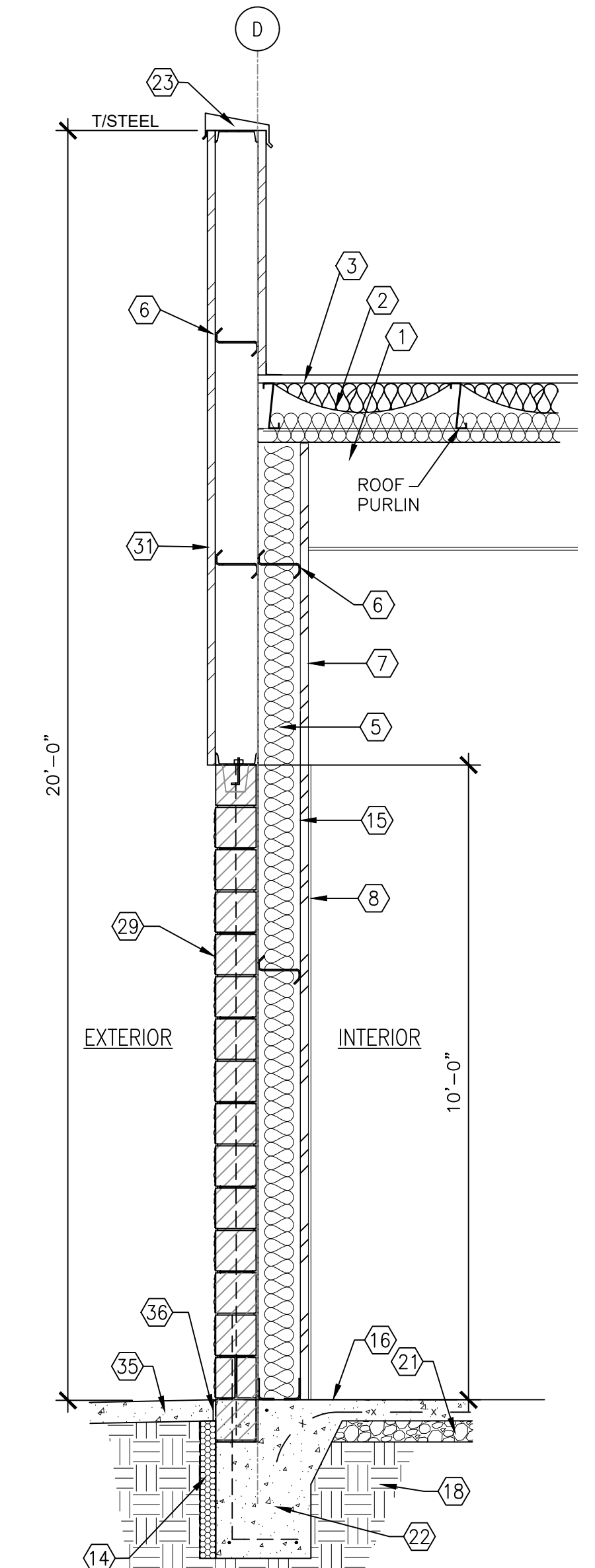


2 SIDE WALL SECT.
A3
1/2" = 1'-0"

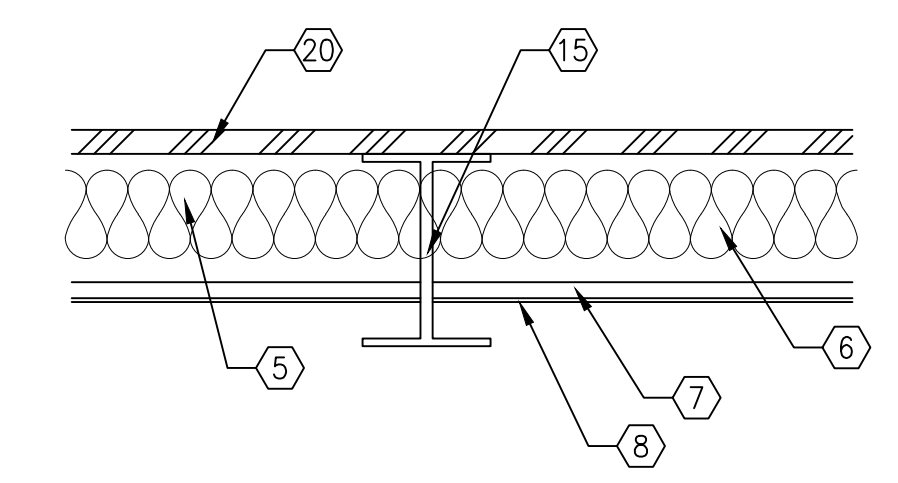
NOTE
STRUCTURAL AND PEMB
DRAWINGS SHALL GOVERN
OVER ARCHITECTURAL
DRAWINGS FOR ALL LOAD
BEARING CONSTRUCTION AND
RELATED DETAILS & SPECS.



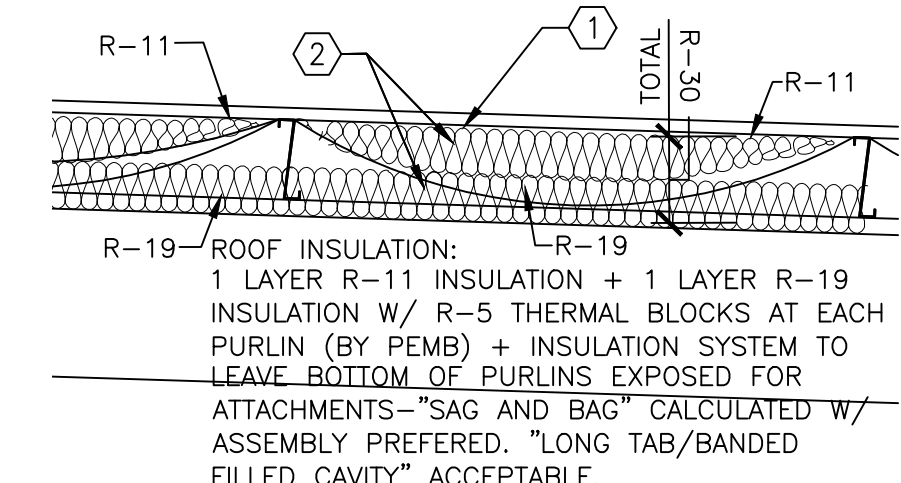
4 ENTRANCE SECTION
A3
1/2" = 1'-0"



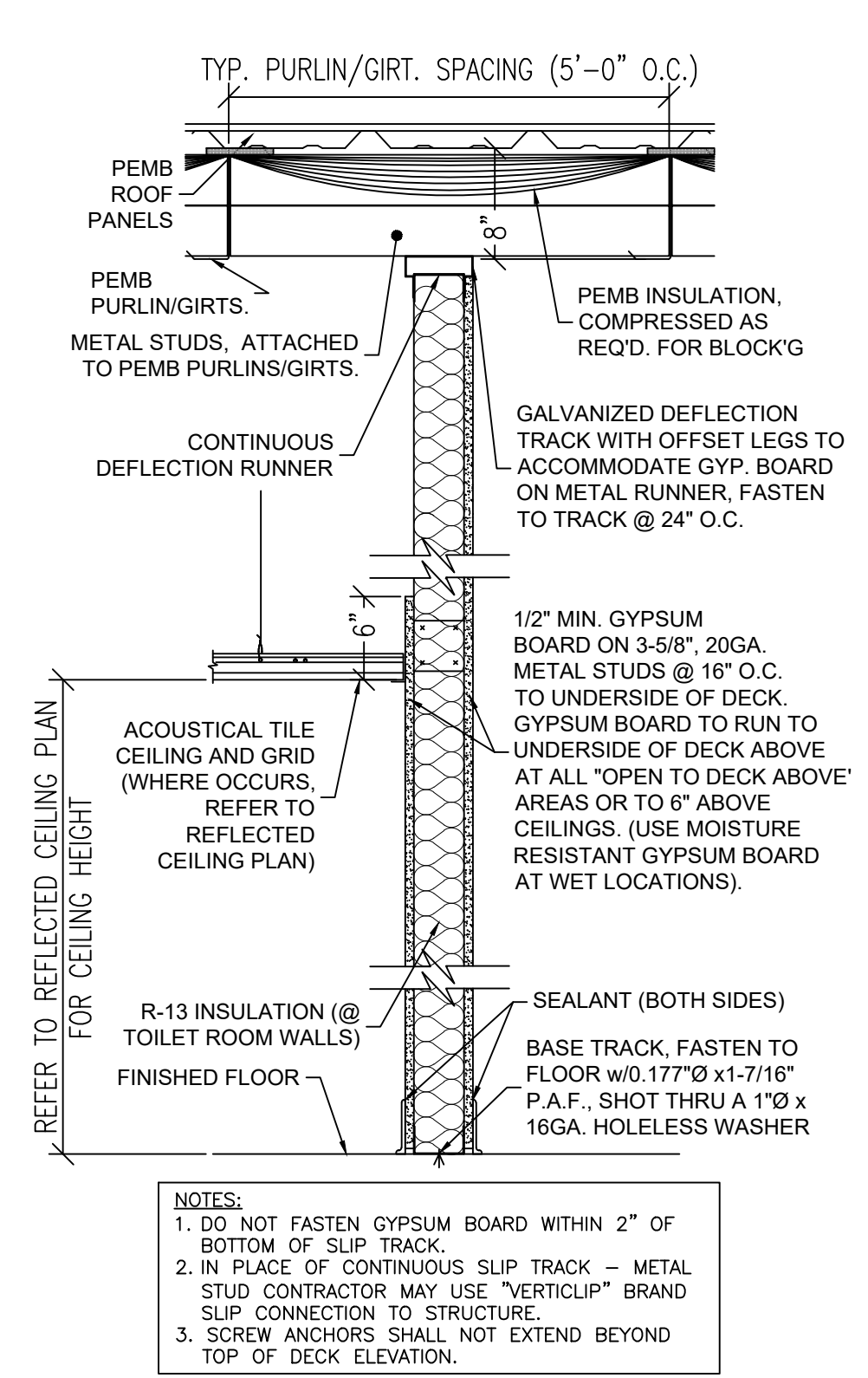
5 FRONT WALL SECT.
A3
1/2" = 1'-0"



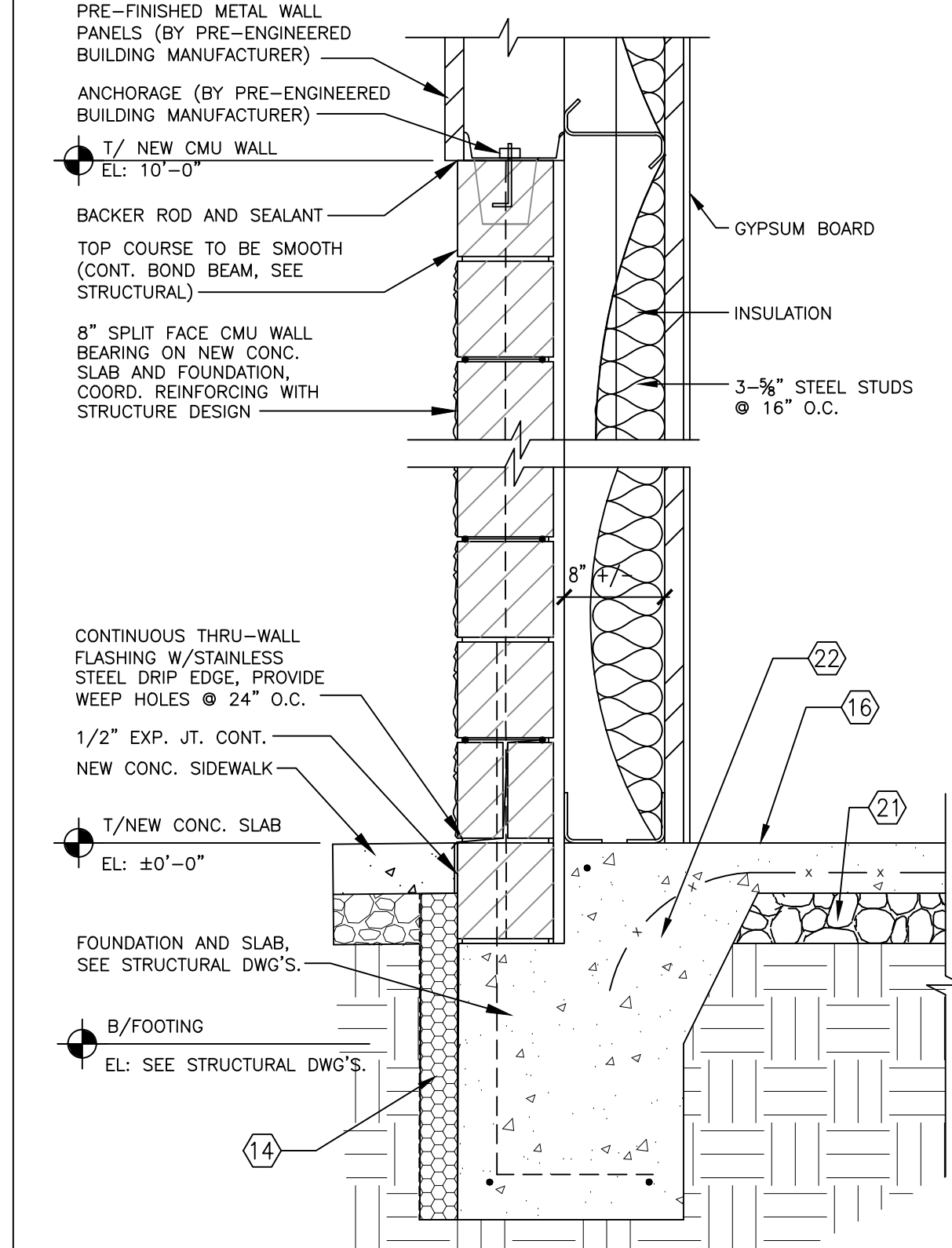
7 DETAIL AT COLUMN
A3
1" = 1'-0"



8 ROOF INSULATION
A3
1/2" = 1'-0"



6 INTERIOR PARTITION
A3
1" = 1'-0"



9 WALL DETAIL
A3
1/2" = 1'-0"

SP

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

ARCHITECT
14053

JAMES T. REESE III
STATE OF MARYLAND

Professional Certification, I certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the laws of the State of Maryland License Number 14053 Expiration Date 12/27/2022

#	DATE	REVISION

DOLLAR GENERAL #24134
ALEGANY COUNTY MD
FLINTSTONE, MARYLAND

DOLLAR GENERAL

SECTIONS & DETAILS

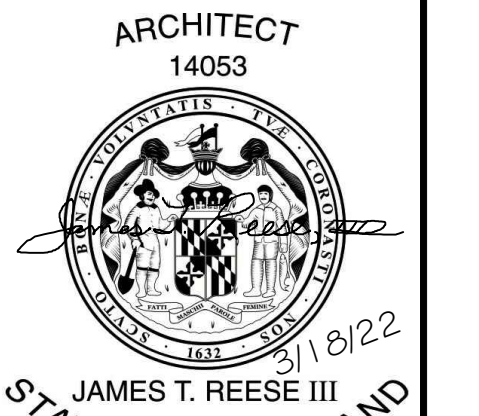
SHEET TITLE

SPI Client DATE
22116 3-18-22

SHEET NUMBER
A3



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



Professional Certification, I certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the laws of the State of Maryland License Number 14053 Expiration Date 12/27/2022

#	DATE	REVISION

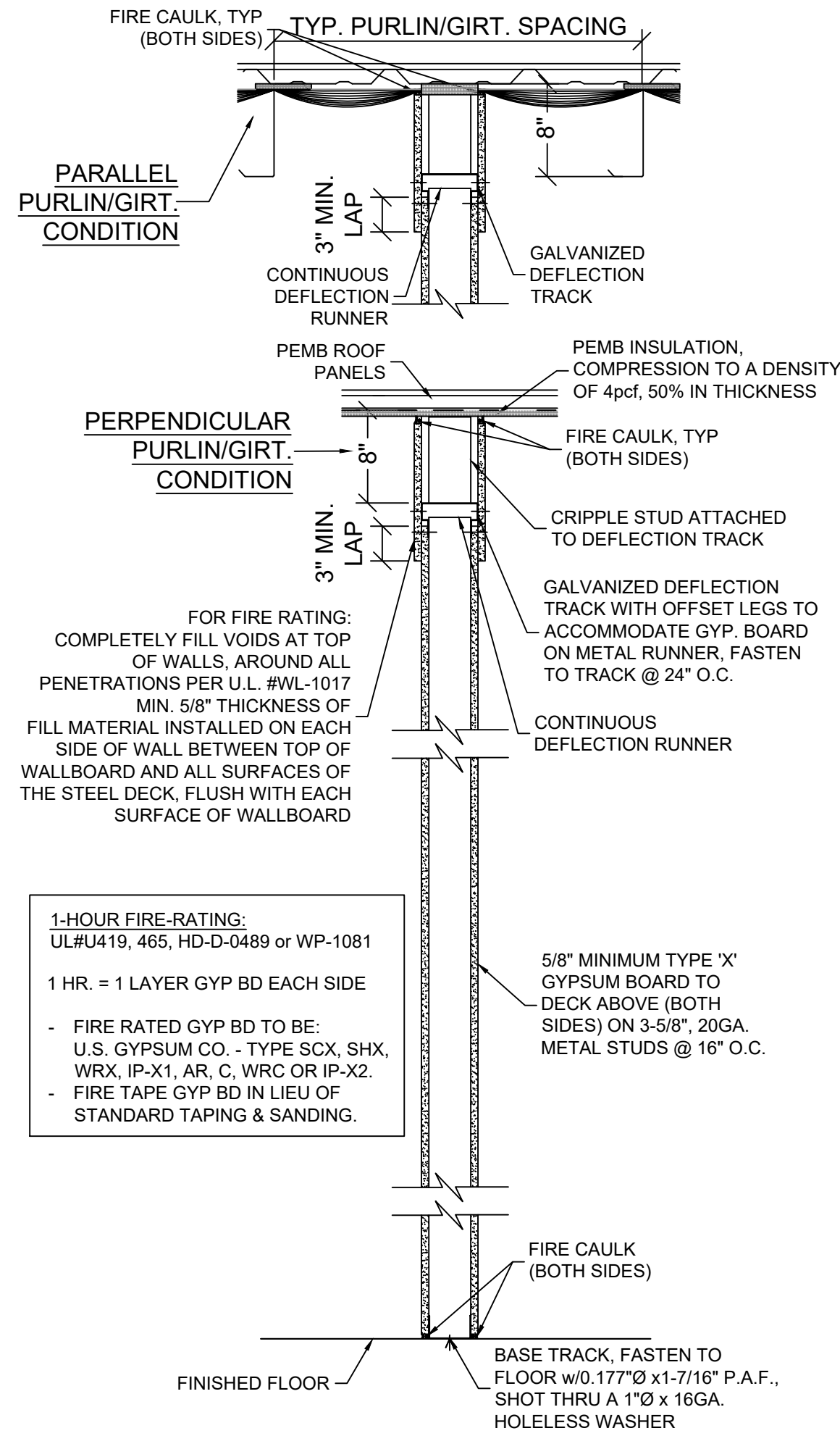
DOLLAR GENERAL #24134
ALEGANY COUNTY MD
FLINTSTONE, MARYLAND

DOLLAR GENERAL
SHEET TITLE
ROOM FINISH SCHEDULE & ELEVATIONS

SPI Client DATE
22116 3-18-22

SHEET NUMBER
A4

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. 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.	EXPOSED TO STRUCTURE ABOVE	PAINT EXPOSED STRUCTURE SHERWIN WILLIAMS - SW7005 PURE WHITE	
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	PAINT EXPOSED STRUCTURE SHERWIN WILLIAMS - SW7005 PURE WHITE	
102	SALES AREA	CONCRETE FLOOR POLISHED (STEPS 1-9)	POLISHED CONCRETE WITH SEALER	4" RUBBER / VINYL BASE	BLACK	REFER TO INTERIOR ELEVATIONS BELOW										
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	PAINT EXPOSED STRUCTURE SHERWIN WILLIAMS - SW7005 PURE WHITE	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.	PAINT WHITE SEMI-GLOSS OR ALTERNATE ACT SPEC IF REQUIRED BY HEALTH DEPT.	
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.	PAINT WHITE SEMI-GLOSS OR ALTERNATE ACT SPEC IF REQUIRED BY HEALTH DEPT.	
106	VESTIBULE	POLISHED CONCRETE (STEPS 1-9)	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 - SW7065 ARGOS, 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"	PAINT WHITE SEMI-GLOSS.	
107	NOT USED															
108	HALLWAY	CONCRETE FLOOR POLISHED (STEPS 1-9)	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	PAINT WHITE SEMI-GLOSS OR ALTERNATE ACT SPEC IF REQUIRED BY HEALTH DEPT.	



1-HOUR FIRE-RATING:
ULRW419, 465, HD-D-0489 or WP-1081
1 HR. = 1 LAYER GYP BD EACH SIDE
- FIRE RATED GYP BD TO BE: U.S. GYPSUM CO. - TYPE SCX, SHX, WRX, IR-X1, AR, C, WRC OR IP-X2.
- FIRE TAPE GYP BD IN LIEU OF STANDARD TAPING & SANDING.

FINISH CLASSIFICATIONS

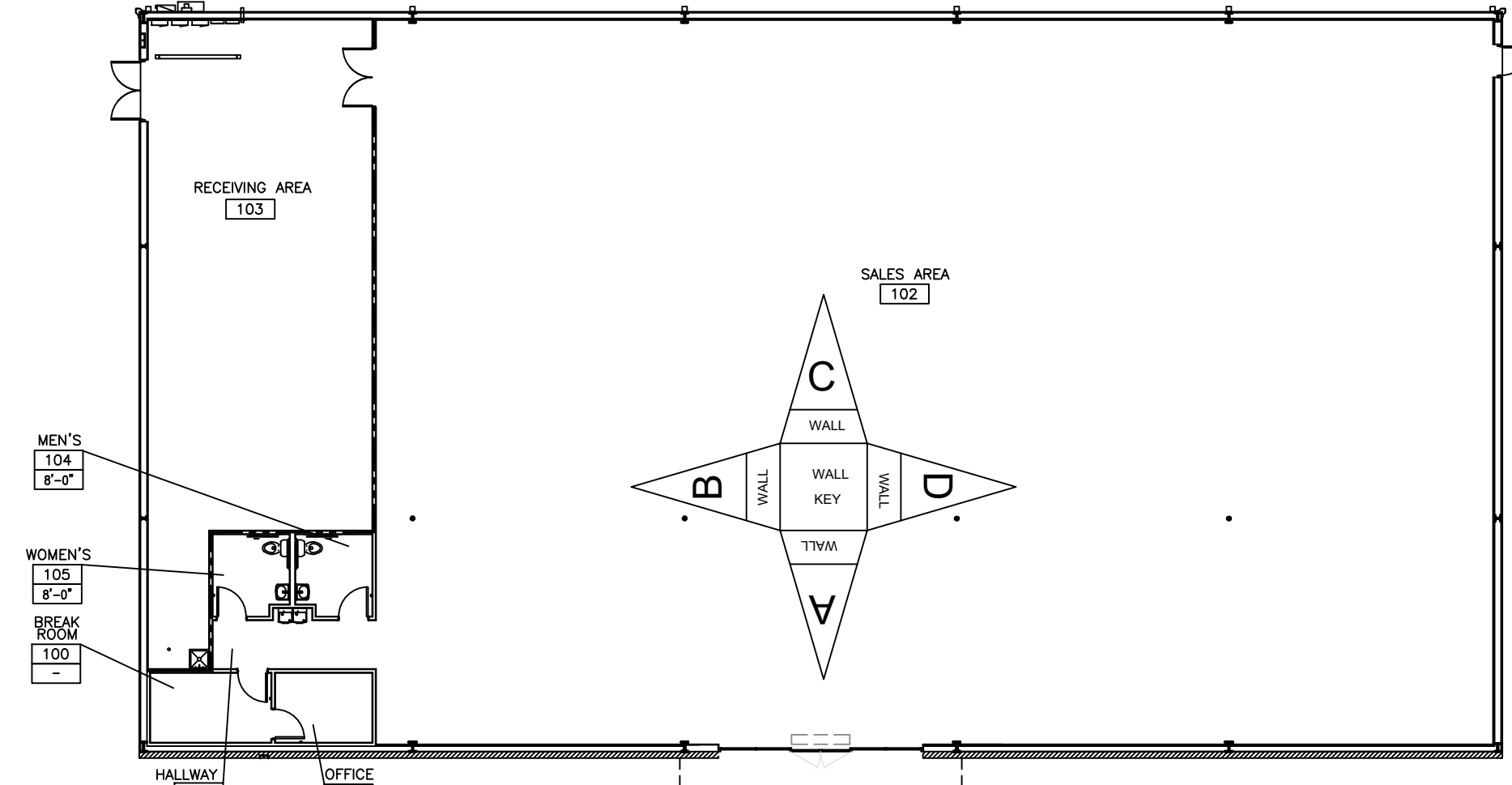
INTERIOR FINISH CLASSIFICATIONS
PER SBC 803.11, 804 & 2015 NFPA 101, 10 & 30

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

MIN. REQUIREMENTS MERCANTILE OCCUPANCY
CLASS II - FLOORS CLASS A IS GREATER THAN CLASS C
CLASS C - WALLS CLASS A IS GREATER THAN CLASS C
CLASS C - CEILINGS CLASS A IS GREATER THAN CLASS C

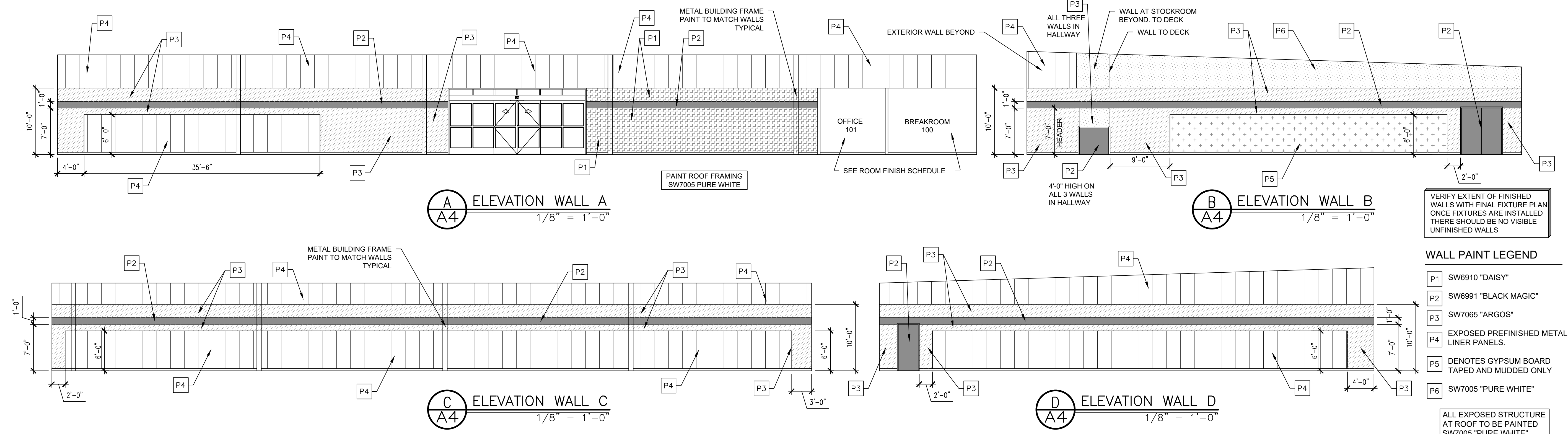
COMPLIANCE SUMMARY:
ALL FINISHES EXCEED THE MINIMUM INTERIOR FINISH CLASSIFICATIONS REQUIRED BY APPLICABLE CODES.

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.



RESTROOMS & JANITOR RM. ALT/ACT CEILING SPEC

MFG: ARMSTRONG CEILINGS OR USG EQUIVALENT
STYLE: #672 KITCHEN ZONE VINYL FACED CEILING PANELS
SIZE: 24" X 48" X 5/8"
EDGE: SQUARE
GRID: 15/16" STANDARD TEE
COLOR: WHITE GRID AND PANELS
USE: MEETS USDA/FSIS GUIDELINES



WALL PAINT LEGEND

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

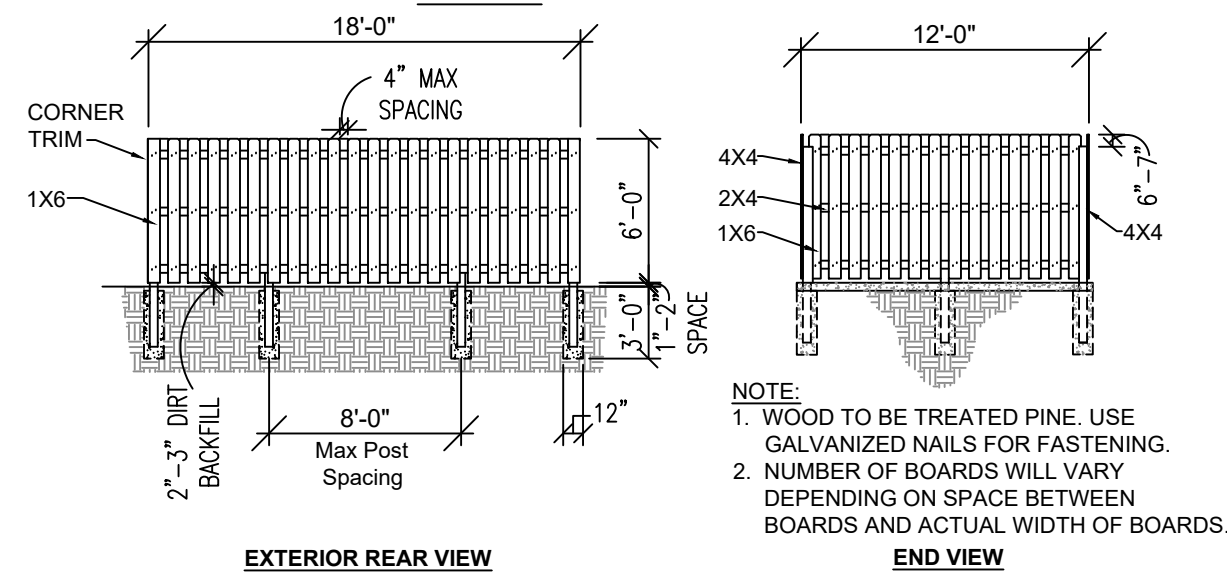
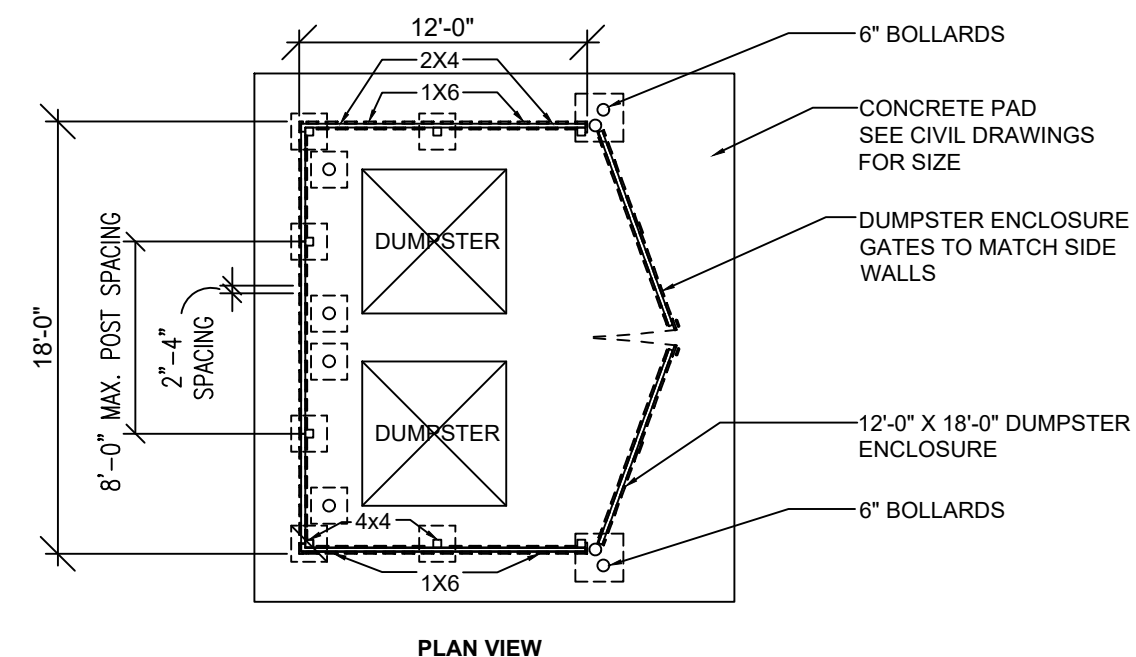
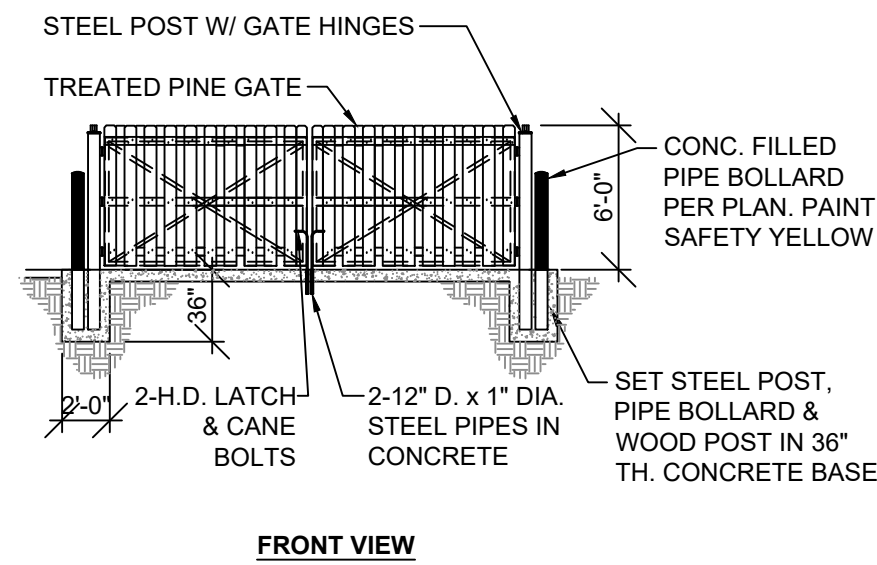
ALL EXPOSED STRUCTURE AT ROOF TO BE PAINTED SW7005 "PURE WHITE".

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) 7015SCB-26D RIM CYLINDER, (1) HAGER BN 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)7015SCB-26D RIM CYLINDER	FIRE RATED DOORS & FRAME, 3/4 HOUR RATED DOOR IN A 1 HOUR RATED PARTITION 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.
106	F	6'-0"	7'-0"		BY DOOR MANUFACTURER TO BE RE-KEYED BY DOLLAR GENERAL AREA MANAGER WITH (1) ILCO RIM CYLINDER #7015SCB-26D.	21'-0" BI-PART WITH TRANSOM AND GLASS. BRONZE FINISH

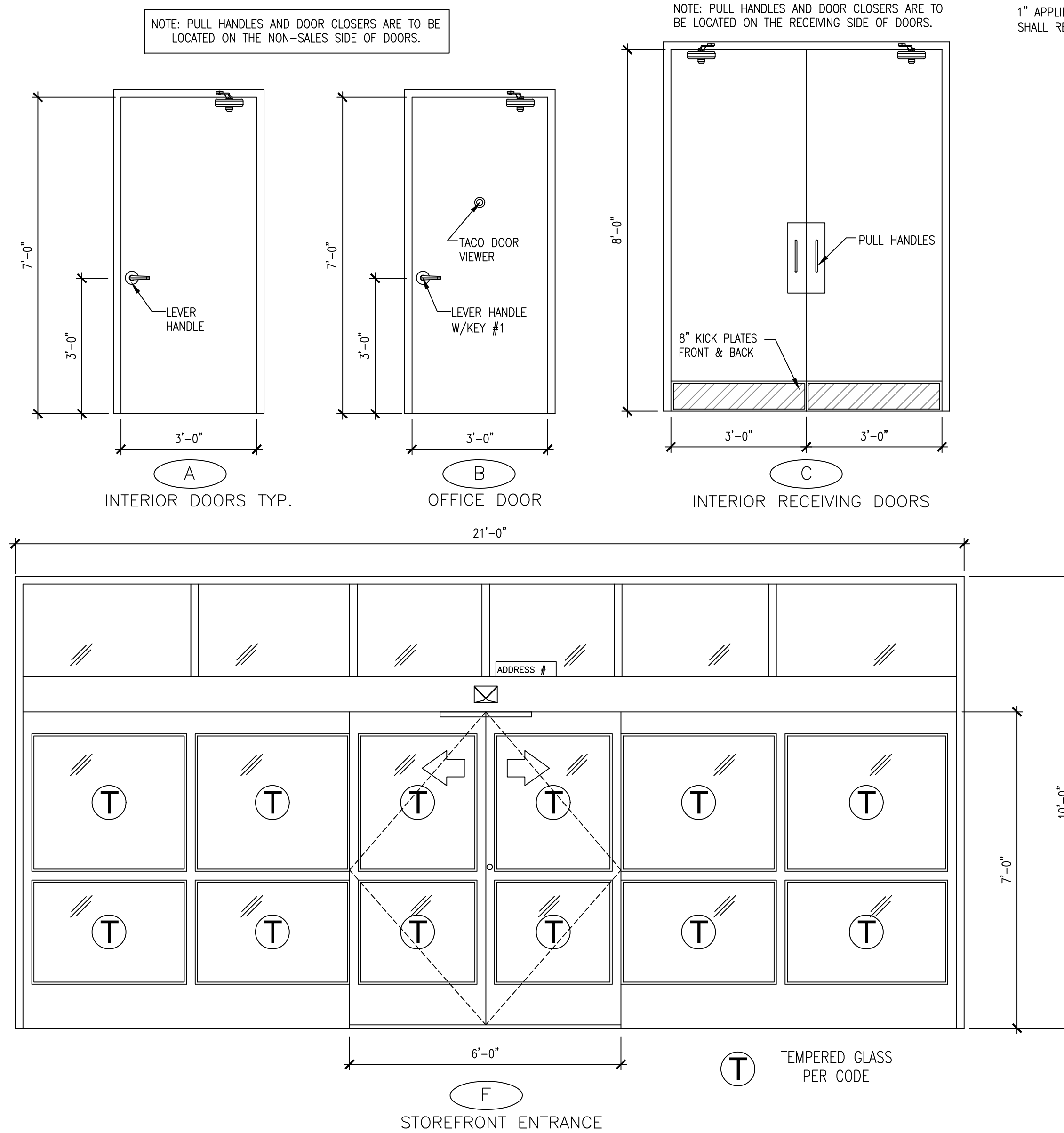
NOTE:
 INTERIOR HOLLOW METAL FRAMES AND INTERIOR DOORS TO BE PAINTED SW 6991 BLACK MAGIC (SEMI-GLOSS).
 EXTERIOR HOLLOW METAL DOORS AND FRAMES TO BE PAINTED SW 7041 VAN DYKE BROWN. THE INTERIOR SIDE TO BE PAINTED SW 6991 BLACK MAGIC.

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.

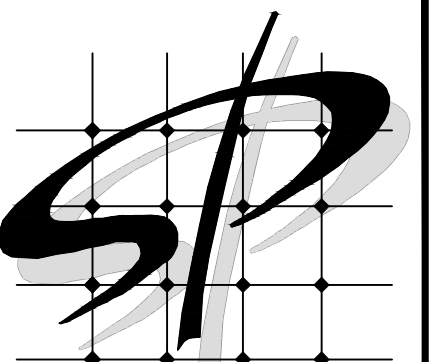
GATE SPEC.
 GATES W/ 2" x 2" x 3/4" GALVANIZED ANGLE FRAME & CROSS BRACING W/ 2" X 4" PT. WOOD FURRING BOLTED TO FRAME & PTSYP 1 x 6 PICKET EXTERIOR FACE (EDGES 3" OFF CONCRETE SLAB)



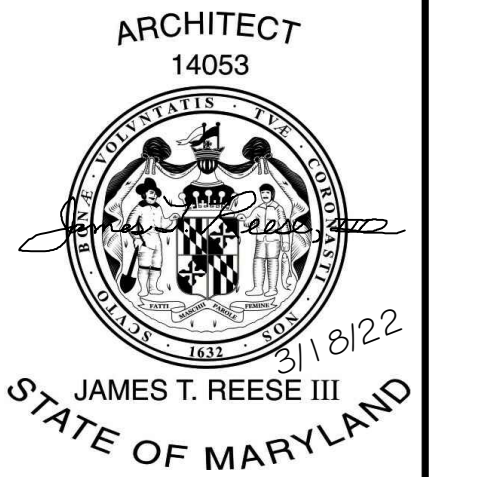
2
A5 DUMPSTER ENCLOSURE DETAIL
1/8" = 1'-0"



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



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



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#	DATE	REVISION

DOLLAR GENERAL #24134
 ALLEGANY COUNTY MD
 FLINTSTONE, MARYLAND

DOLLAR GENERAL

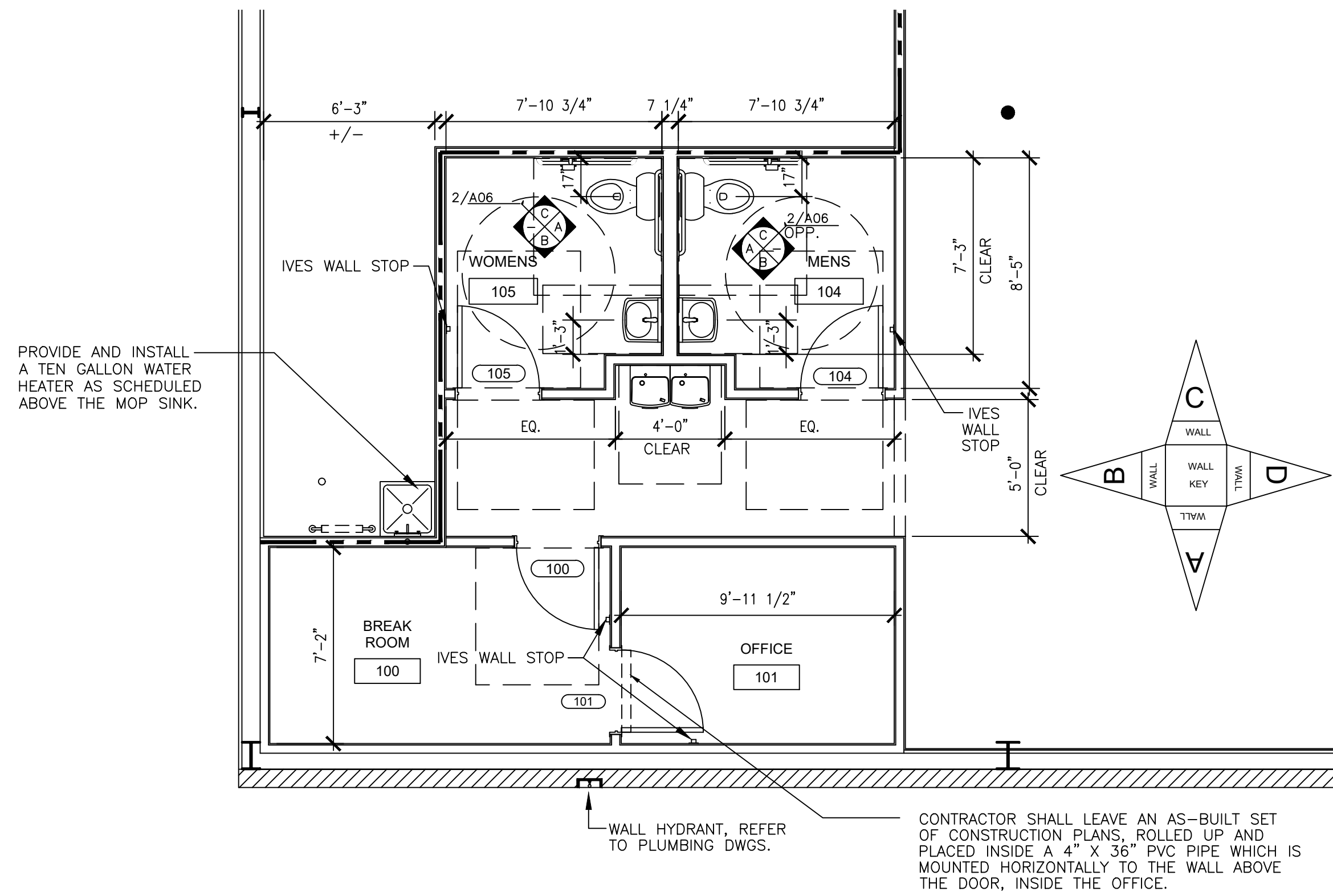
DOOR SCHEDULE & DETAILS

SHEET TITLE

SPI Client	DATE
22116	3-18-22

SHEET NUMBER

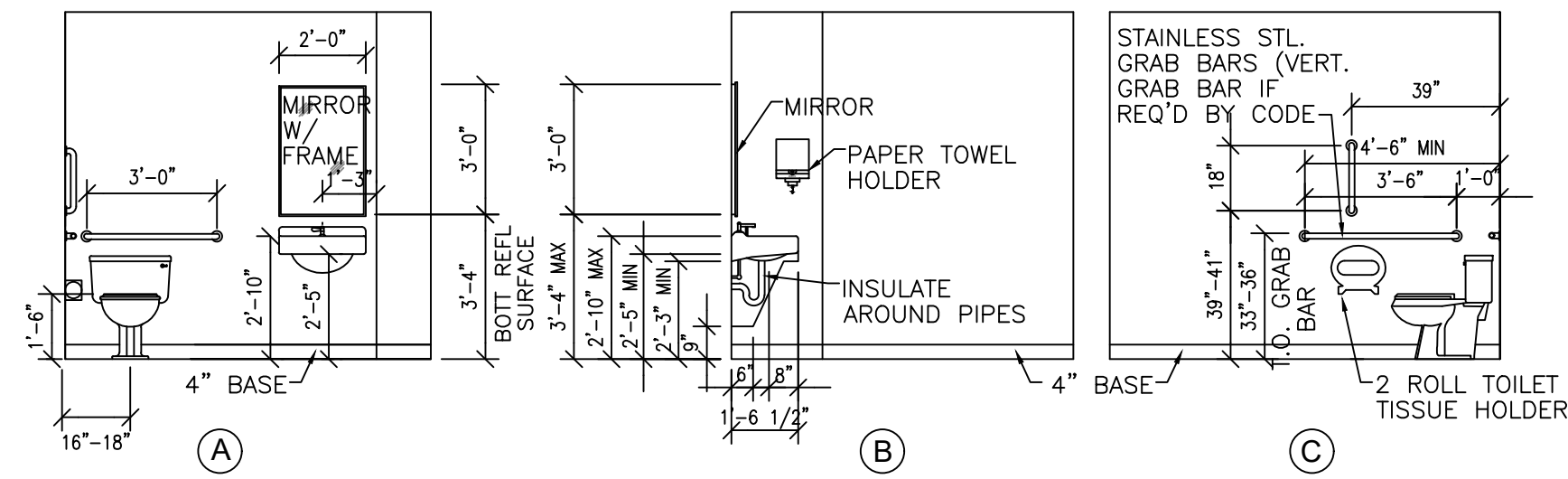
A5



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

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. ADA 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. MOUNT THE BOTTOM OF THE MIRROR REFLECTIVE SURFACE AT 3'-4" AFF MAX. HEIGHT. NOT THE BOTTOM OF THE MIRROR FRAME.
- 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.



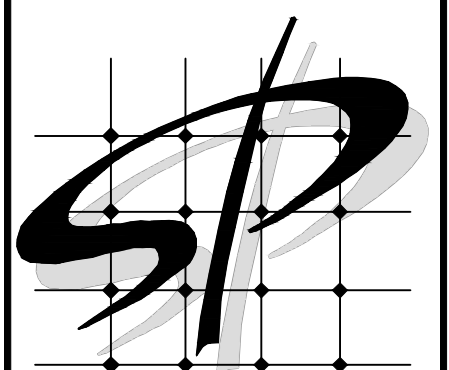
2 RESTROOM ELEVATIONS
A6
1/4" = 1'-0"

888-774-3400 EXT. 925

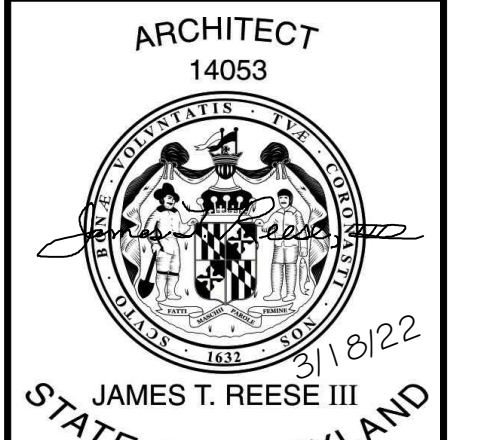
TOILET ACCESSORIES

B2740	BOBRICK DOUBLE TOILET TISSUE DISPENSER
B253	BOBRICK PAPER TOWEL DISPENSER
54-US32D	BURNS PUSH PLATE
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.

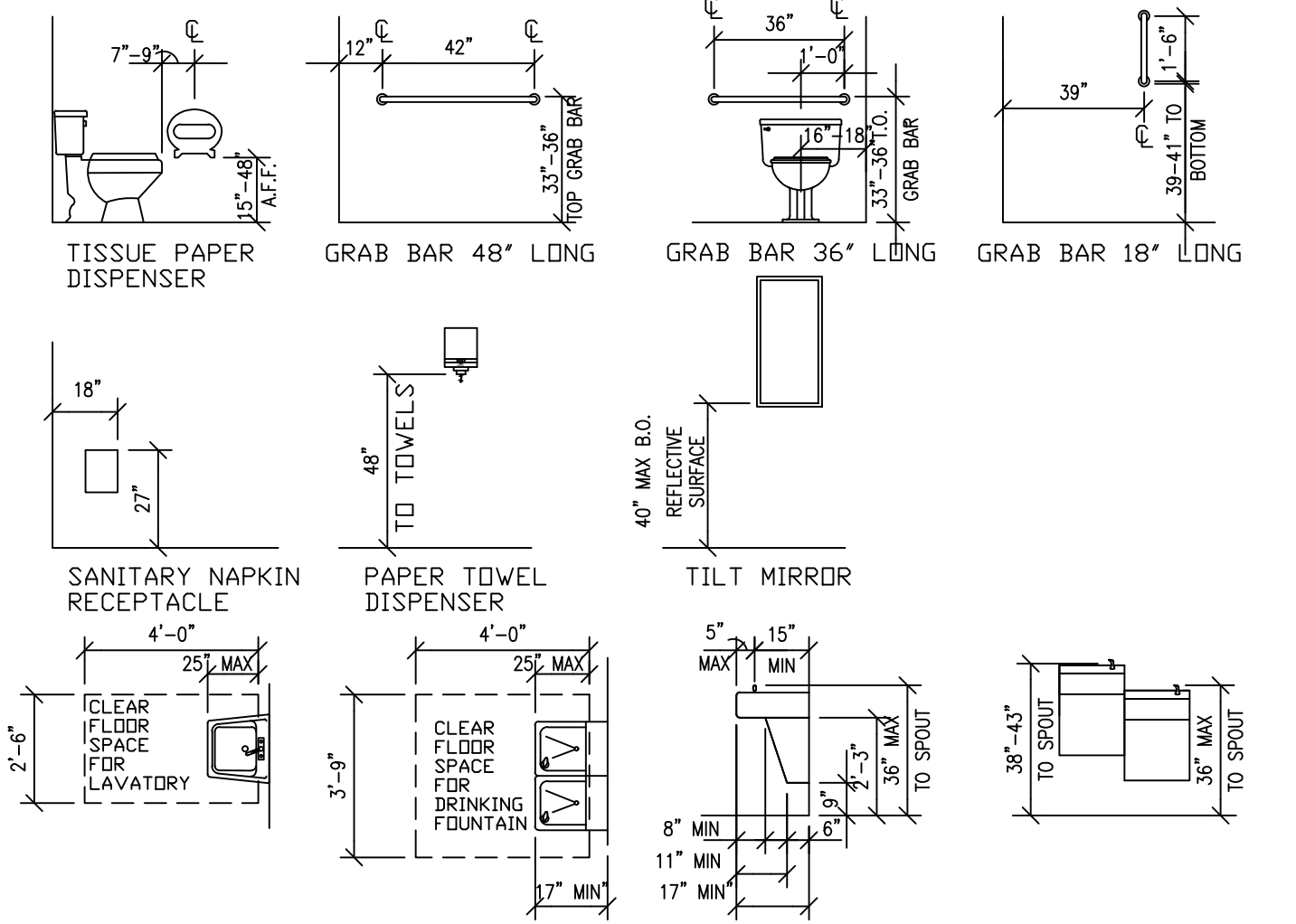


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Fax: 704-849-6997

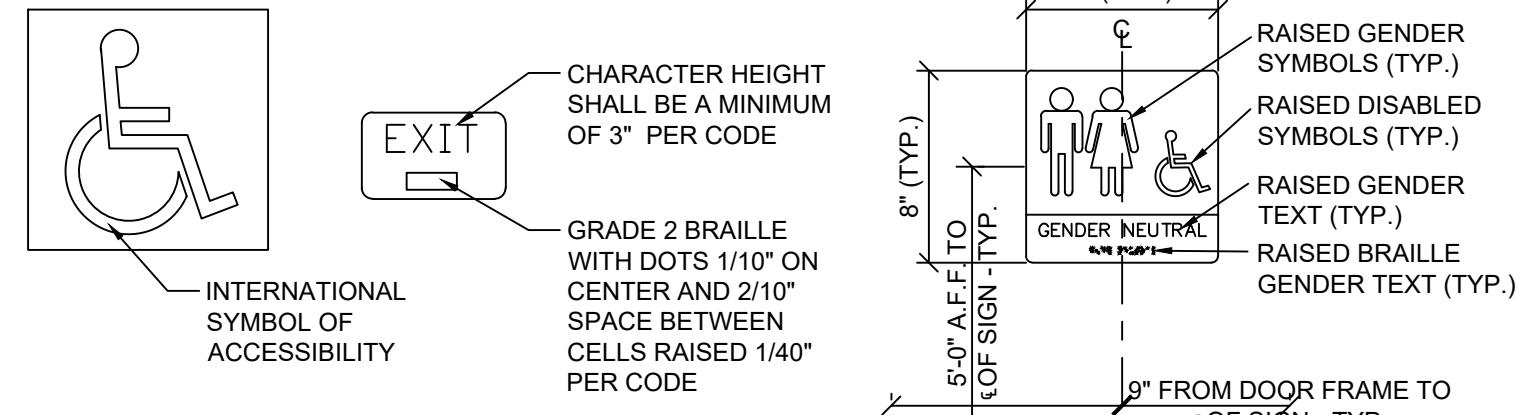


Professional Certification, I certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the laws of the State of Maryland License Number 14053 Expiration Date 12/27/2022

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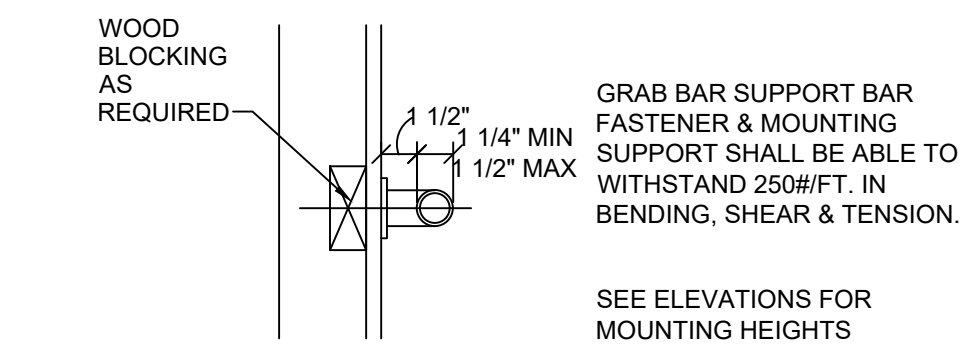


3 A.D.A. CLEARANCES
A6
NTS

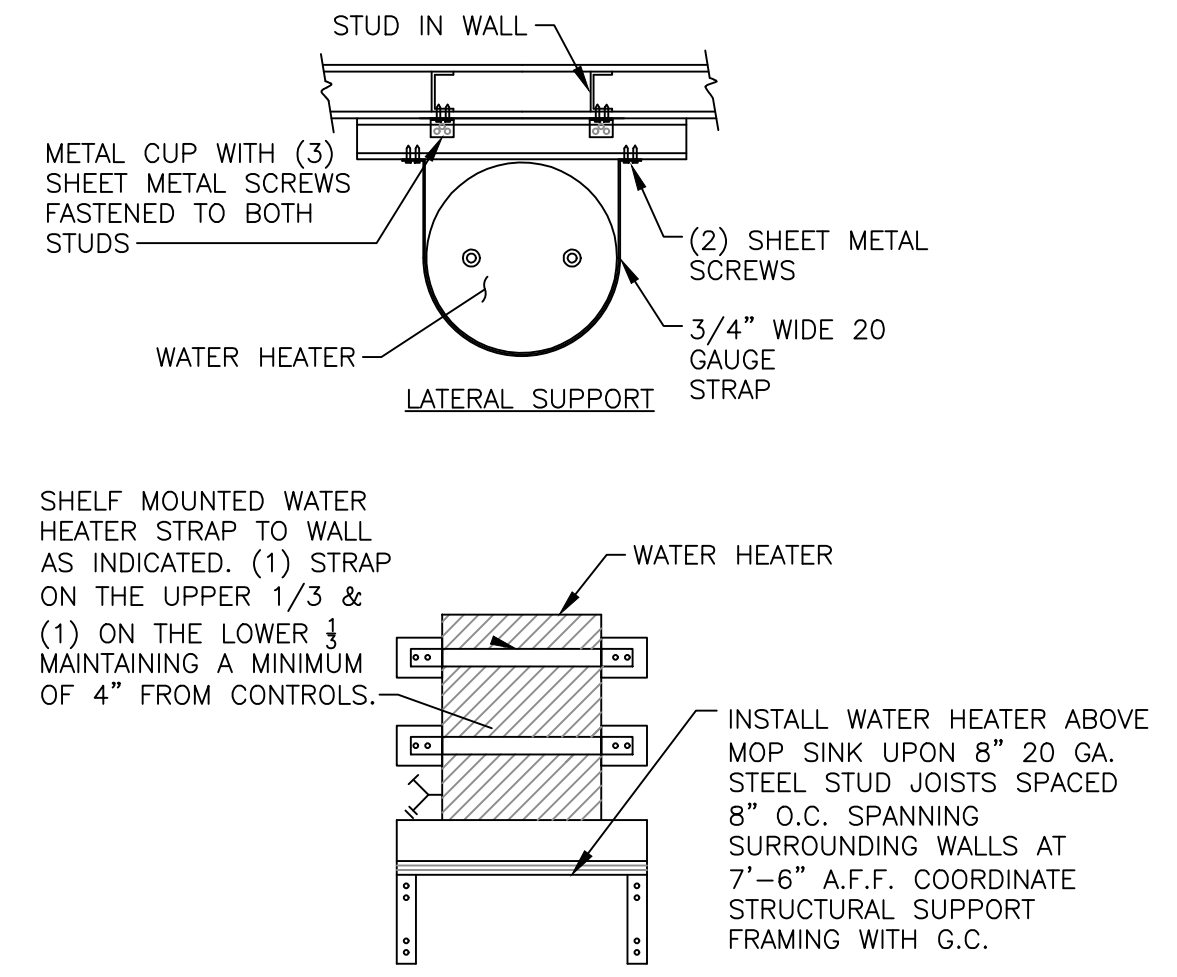


NOTES:
1. SIGNS SHALL CONFORM TO ANSI OR LOCAL ACCESSIBILITY GUIDELINES WHICHEVER IS MORE STRINGENT.
2. ALL BUILDINGS AND ENTRANCES THAT ARE ACCESSIBLE AND USABLE BY PERSONS WITH DISABILITIES SHALL BE IDENTIFIED WITH A MINIMUM OF ONE INTERNATIONAL SYMBOL OF ACCESSIBILITY.
3. G.C. TO PROVIDE TACTILE "EXIT" SIGNS AT ALL GRADE LEVEL EXIT DOORS PER CODE.
4. 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 WITH A CONTRASTING BACKGROUND. SEE A1 FOR LOCATION OF SIGNAGE.

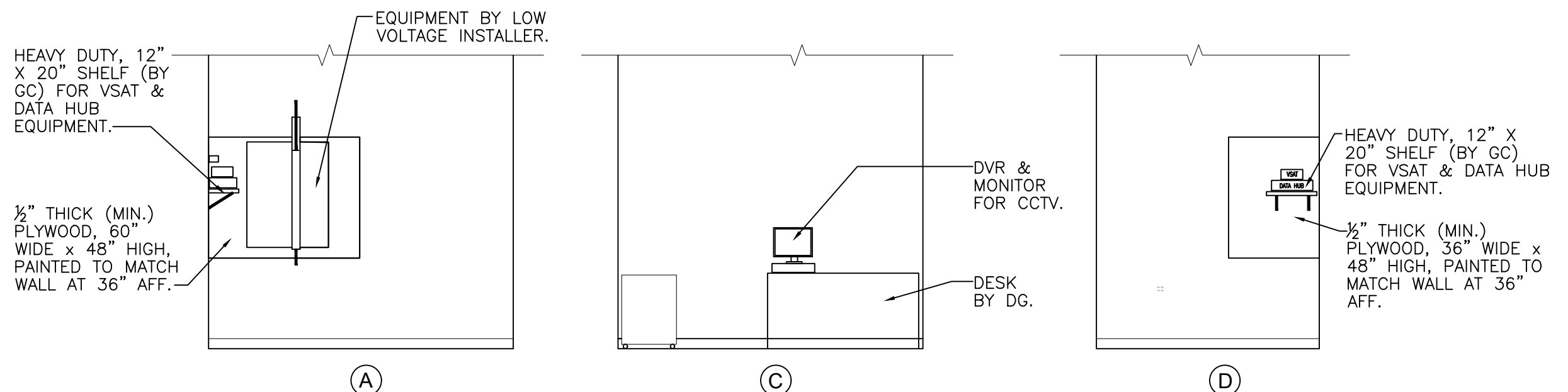
4 ACCESSIBLE SIGNAGE
A6
1 1/2" = 1'-0"



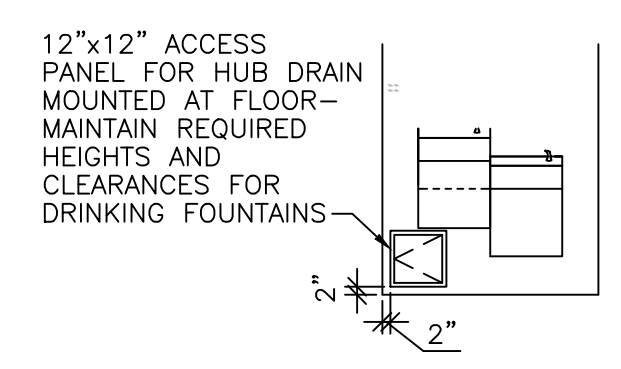
5 GRAB BAR DETAIL
A6
1 1/2" = 1'-0"



6 WATER HEATER SHELF DETAIL
A6
NTS



7 OFFICE ELEVATIONS
A6
NTS



8 ACCESS PANEL DETAIL
A6
NTS

DOLLAR GENERAL #24134
ALEGANY COUNTY MD
FLINTSTONE, MARYLAND

DOLLAR GENERAL
RESTROOM - OFFICE PLAN & DETAILS

SPI Client 22116 DATE 3-18-22

SHEET NUMBER
A6

**RESTROOMS & JANITOR RM.
ALT/ACT CEILING SPEC**

MFG: ARMSTRONG CEILINGS
OR USG EQUIVALENT

STYLE: #672 KITCHEN ZONE VINYL
FACED CEILING PANELS

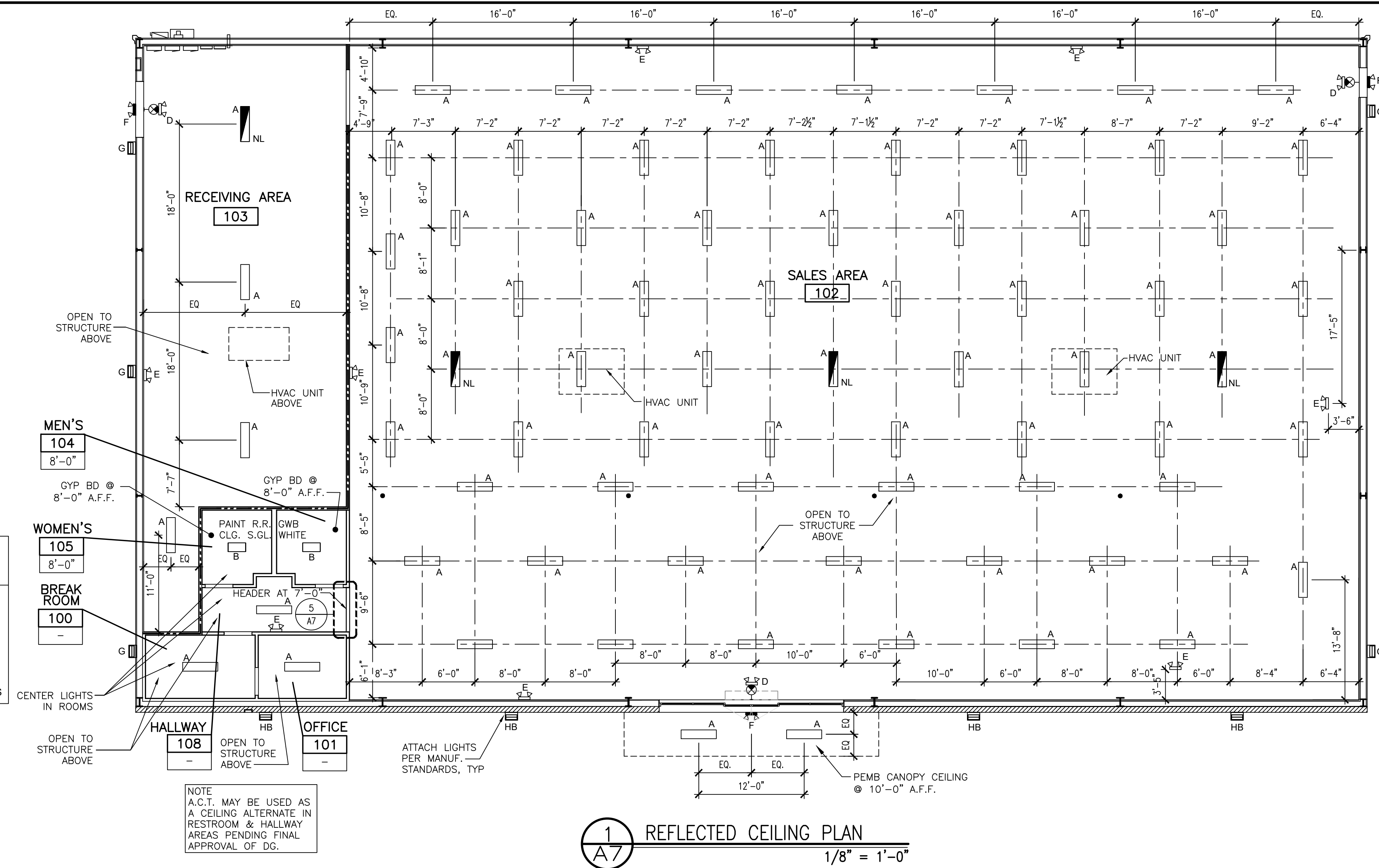
SIZE: 24" X 48" X 5/8"

EDGE: SQUARE

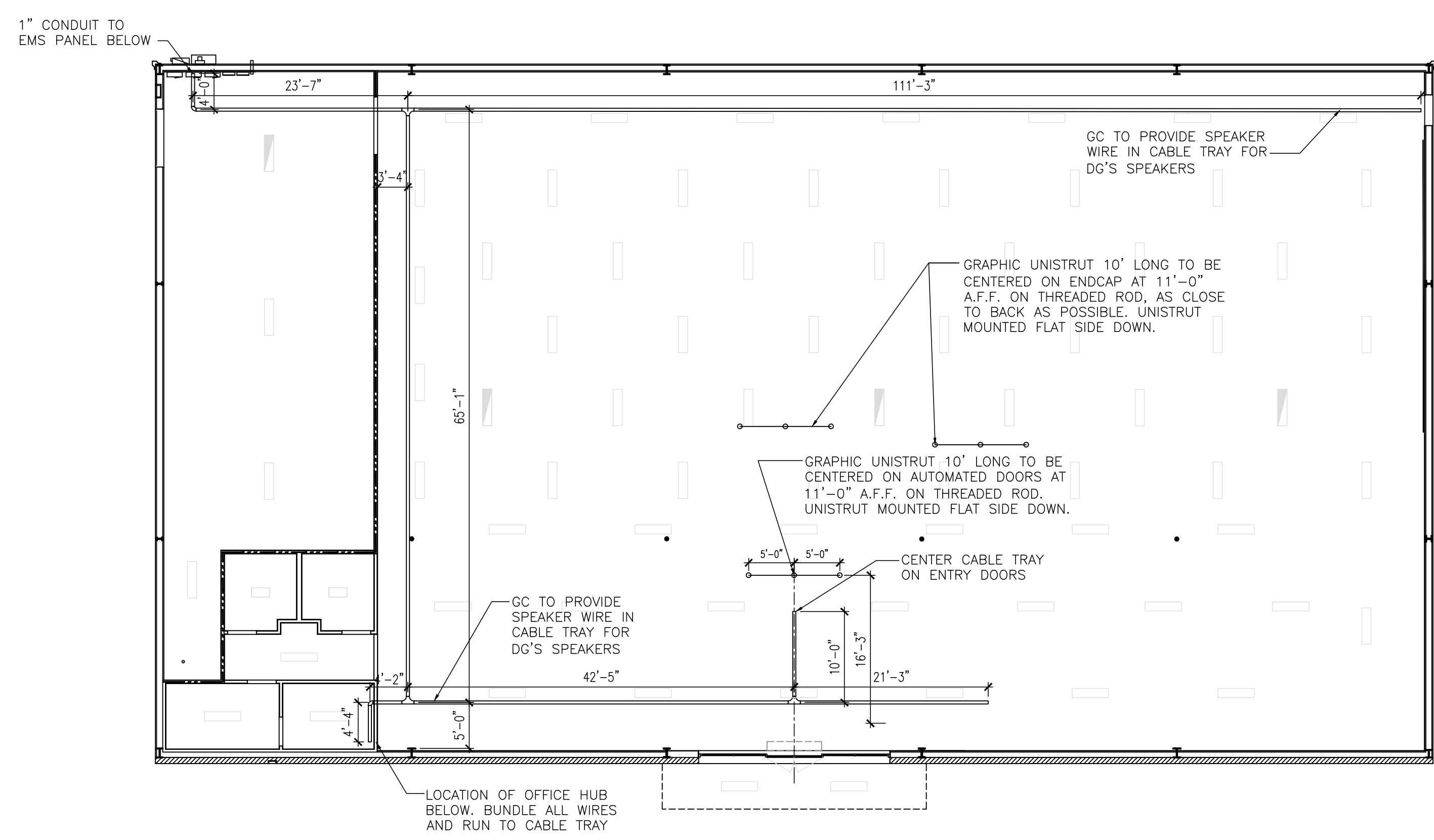
GRID: 15/16" STANDARD TEE

COLOR: WHITE GRID AND PANELS

USE: MEETS USDA/FSIS GUIDELINES



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



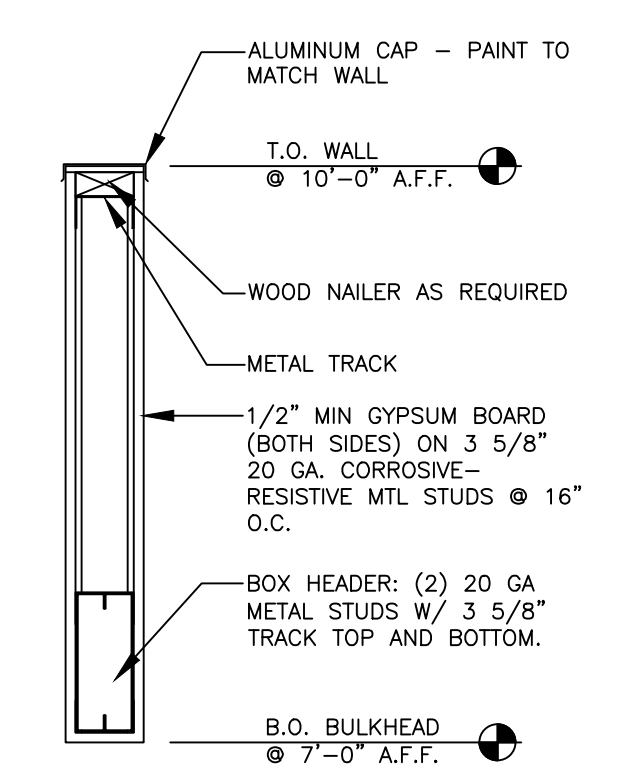
2 CABLE TRAY PLAN
3/32" = 1'-0"

LEGEND

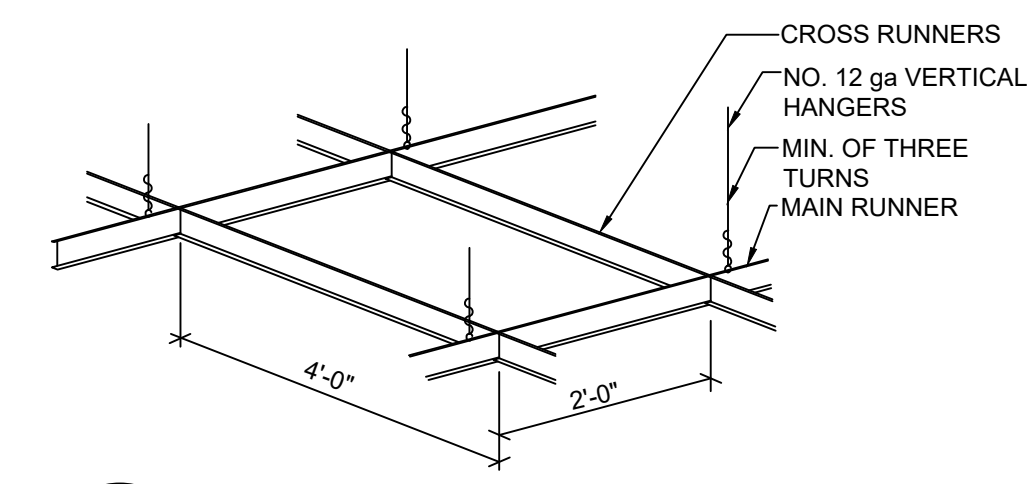
LIGHT FIXTURE TYPE A	WALL PACK G
LIGHT FIXTURE TYPE B	WALL PACK H & HB
NIGHT LIGHT CIRCUIT NL	EXHAUST FAN
EMERGENCY LIGHT & EXIT COMBO C - EXIT ONLY D - COMBO	TRANSFER GRILLE
EMERGENCY LIGHT E - INTERIOR F - EXTERIOR	

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

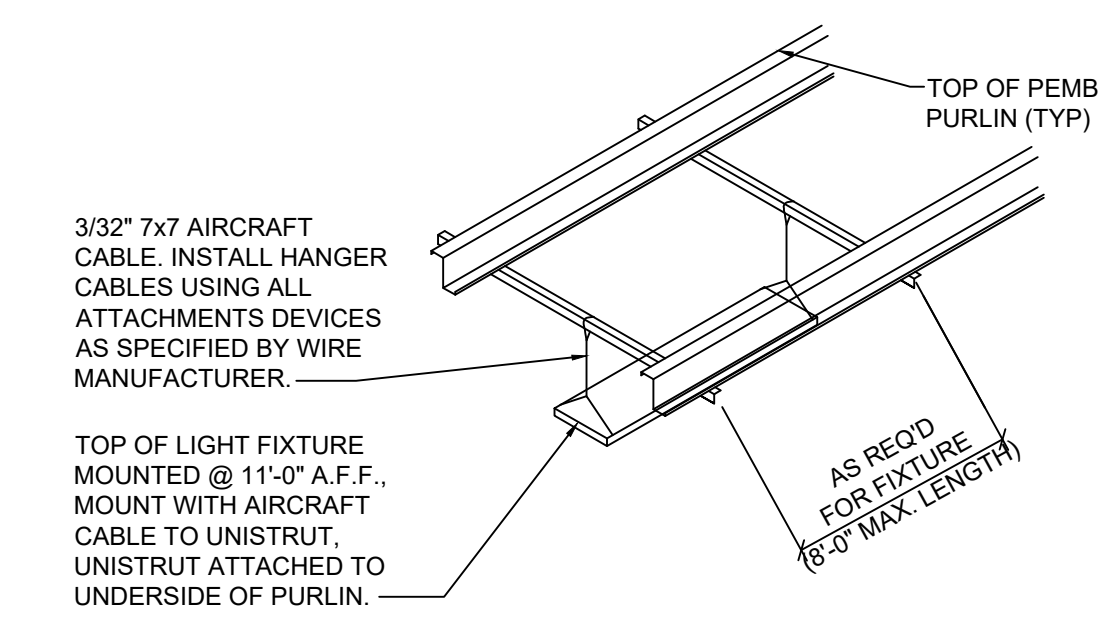
- REFLECTED CEILING PLAN NOTES**
- ALL LIGHTS TO BE MOUNTED SUCH THAT THE TOP OF THE FIXTURES ARE AT 11'-0" A.F.F. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
 - CABLE TRAY TO BE MOUNTED SUCH THAT BOTTOM OF TRAY IS AT 11'-6" A.F.F.
 - CABLE TRAY SYSTEM TO BE INSTALLED USING FULL LENGTHS 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.



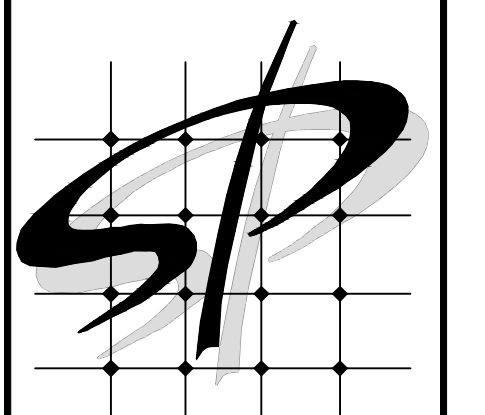
5 BULKHEAD DETAIL
1" = 1'-0"



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



3 LIGHT ATTACHMENT DETAIL
NTS



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

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14053

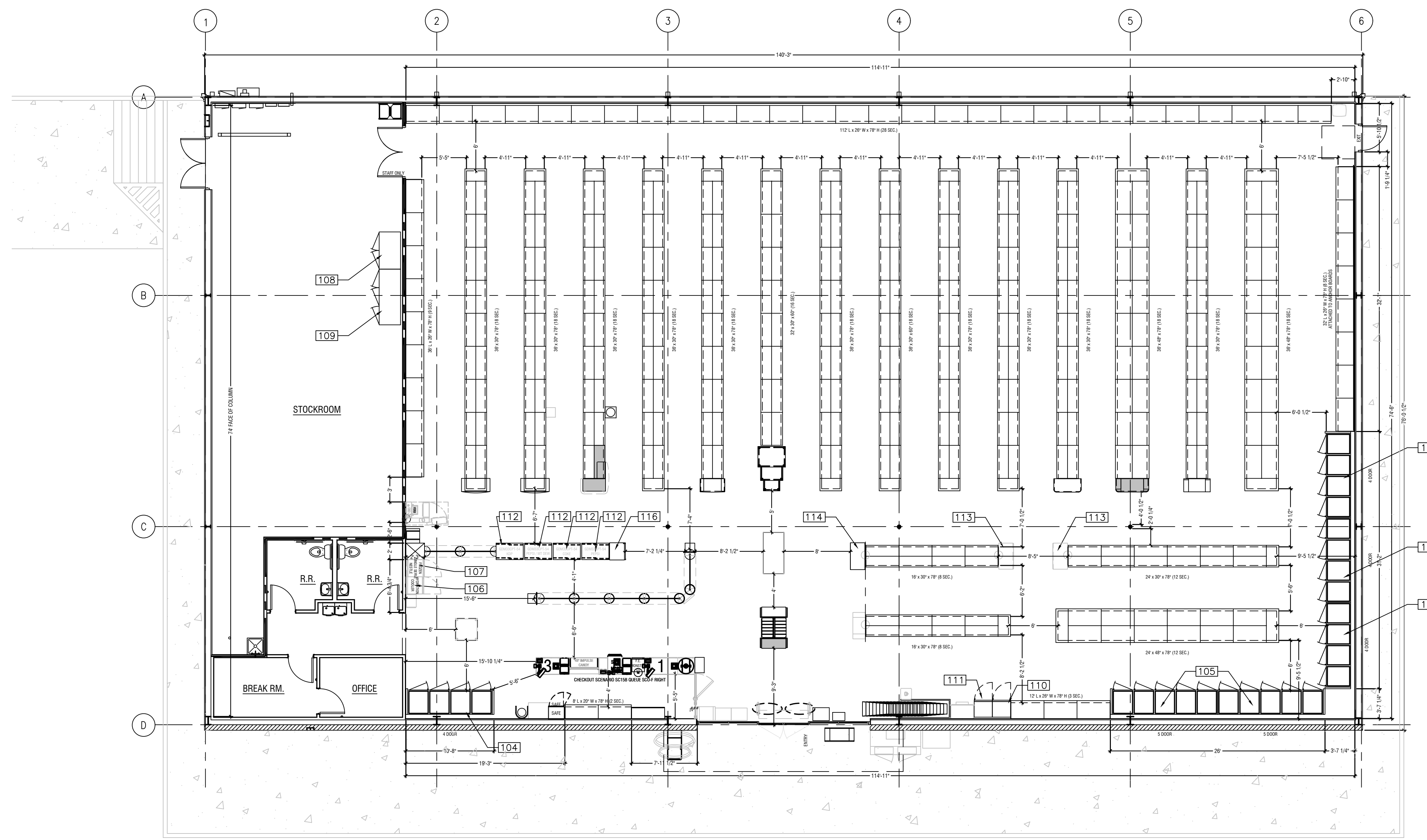
JAMES T. REESE III
STATE OF MARYLAND
Professional Certification, I certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the laws of the State of Maryland License Number 14053 Expiration Date 12/27/2022

#	DATE	REVISION

DOLLAR GENERAL #24134
ALLEGANY COUNTY MD
FLINTSTONE, MARYLAND

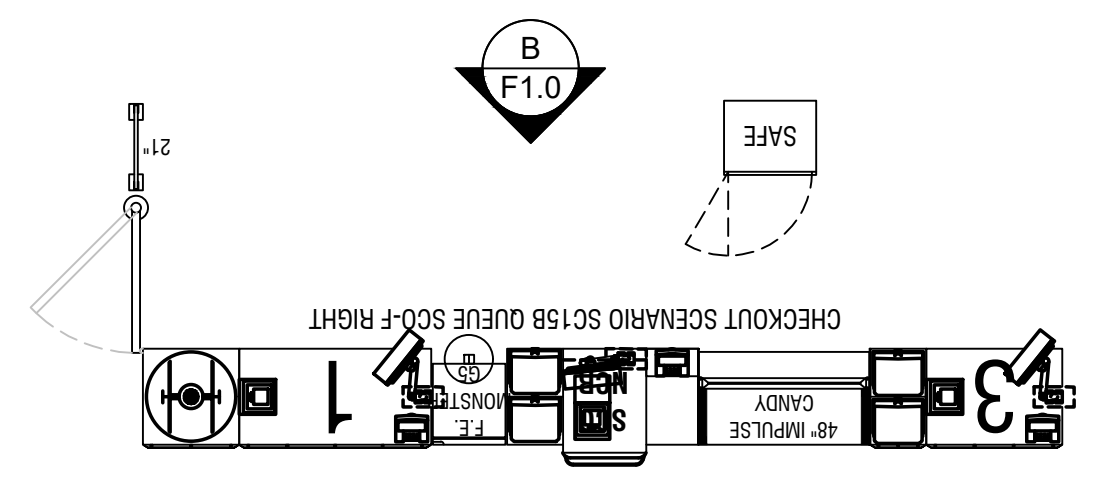
DOLLAR GENERAL
SHEET TITLE
REFLECTED CEILING PLAN & DETAILS

SPI Client	DATE
22116	3-18-22
SHEET NUMBER	
A7	

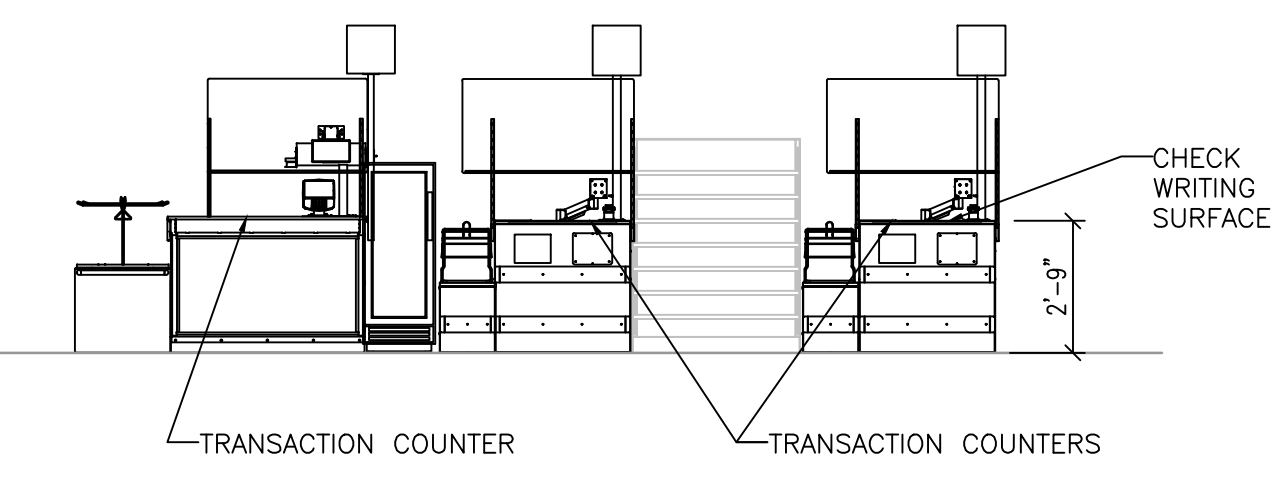


1 FIXTURE PLAN
 F1 1/8" = 1'-0"

VERIFY FIXTURE LAYOUT WITH FINAL FIXTURE PLAN WITH DG PRIOR TO INSTALLING POWER DROPS



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



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

REFRIGERATION		
100 - 3 DOOR LOW TEMP OR	HUSSMAN ZERO ZONE	RFL 3-DOOR RHZC30 3-DOOR
101 - 4 DOOR LOW TEMP OR	HUSSMAN ZERO ZONE	RFL 4-DOOR RHZC30 4-DOOR
102 - 5 DOOR LOW TEMP OR	HUSSMAN ZERO ZONE	RFL 5-DOOR RHZC30 5-DOOR
103 - 3 DOOR MID TEMP OR	HUSSMAN ZERO ZONE	RFM 3-DOOR RHCC30 4-DOOR
104 - 4 DOOR MID TEMP OR	HUSSMAN ZERO ZONE	RFM 4-DOOR RHM30 4-DOOR
105 - 5 DOOR MID TEMP OR	HUSSMAN ZERO ZONE	RFM 5-DOOR RHCC30 5-DOOR
106 - 1 DOOR MID TEMP	TRUE	GDM-12-HC-TSL01
107 - 1 DOOR LOW TEMP	TRUE	GDM-12F-HC-LD
108 - 2 DOOR MID TEMP	MAXX COLD	MCRT-49FD
109 - 3 DOOR LOW TEMP	MAXX COLD	MCFT-72FD
110 - CLICK AND COLLECT FREEZER	TURBO AIR	TGF-15SD-N
111 - CLICK AND COLLECT COOLER	TURBO AIR	TGM-15SD-N6
112 - SLIDING DOOR PASS-THRU	TRUE	GDM-33CPT-54-HC-LD
113 - ENDCAP COOLER	IDW	GS-4
114 - ENDCAP COOLER	IDW	GS-5
115 - PRODUCE COOLER	HOWARD MCCRAY	SC-0P35E-BL-LED-DC (ONLY IN SELECTED STORES)
116 - 1-DOOR MID TEMP	TRUE	GDM-10-HC-TSL01

SPI
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 Matthews, North Carolina 28105
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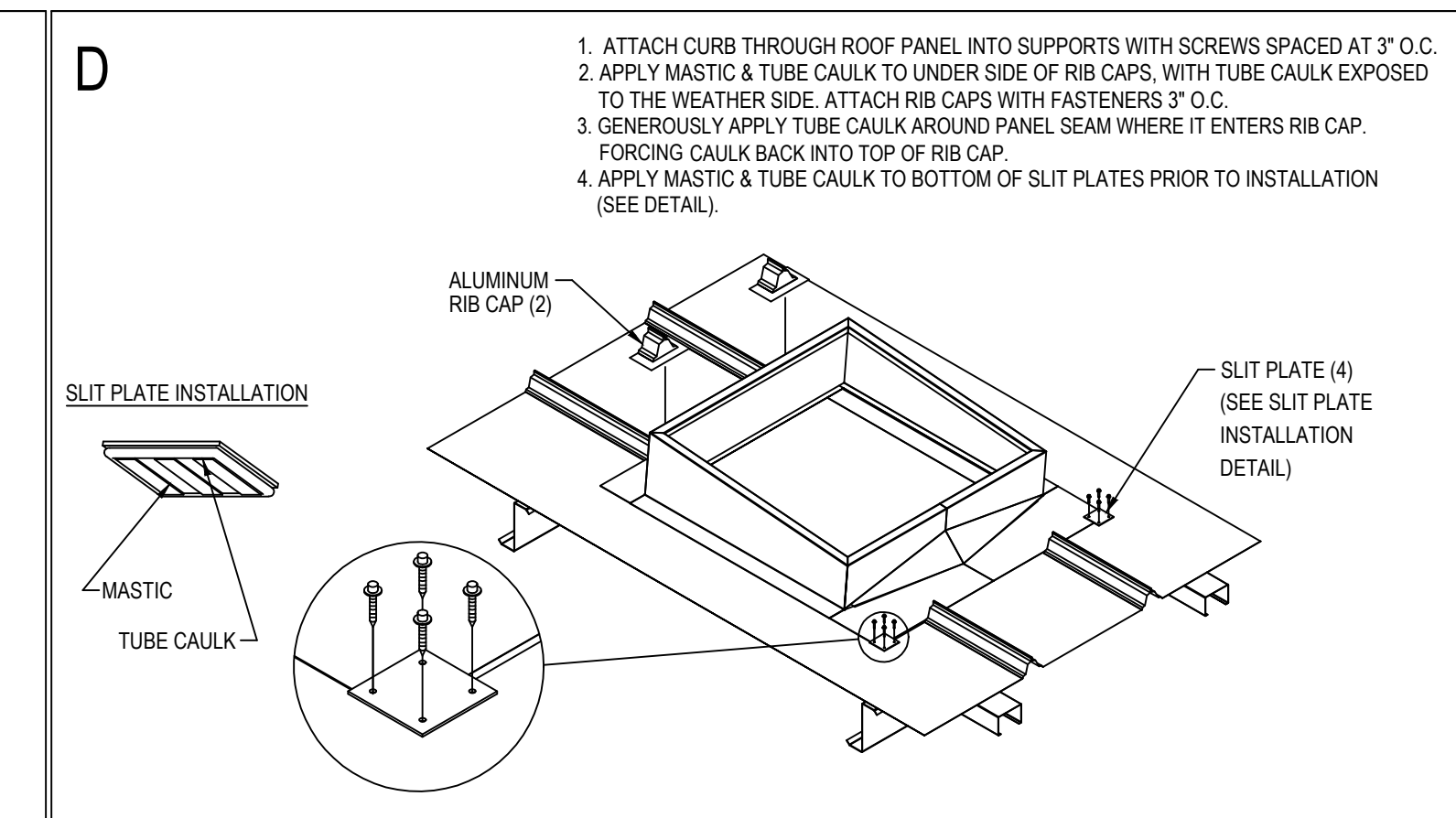
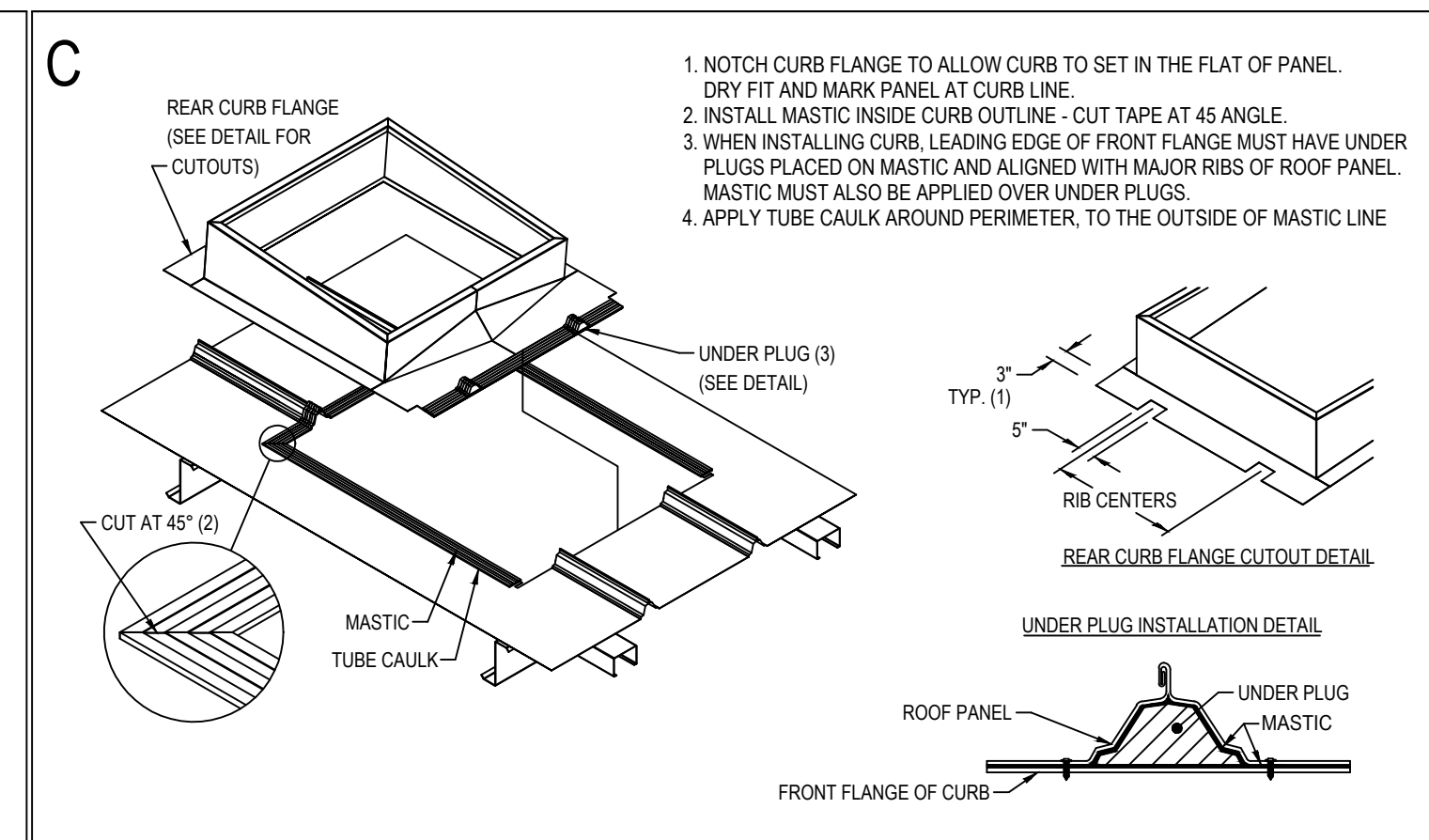
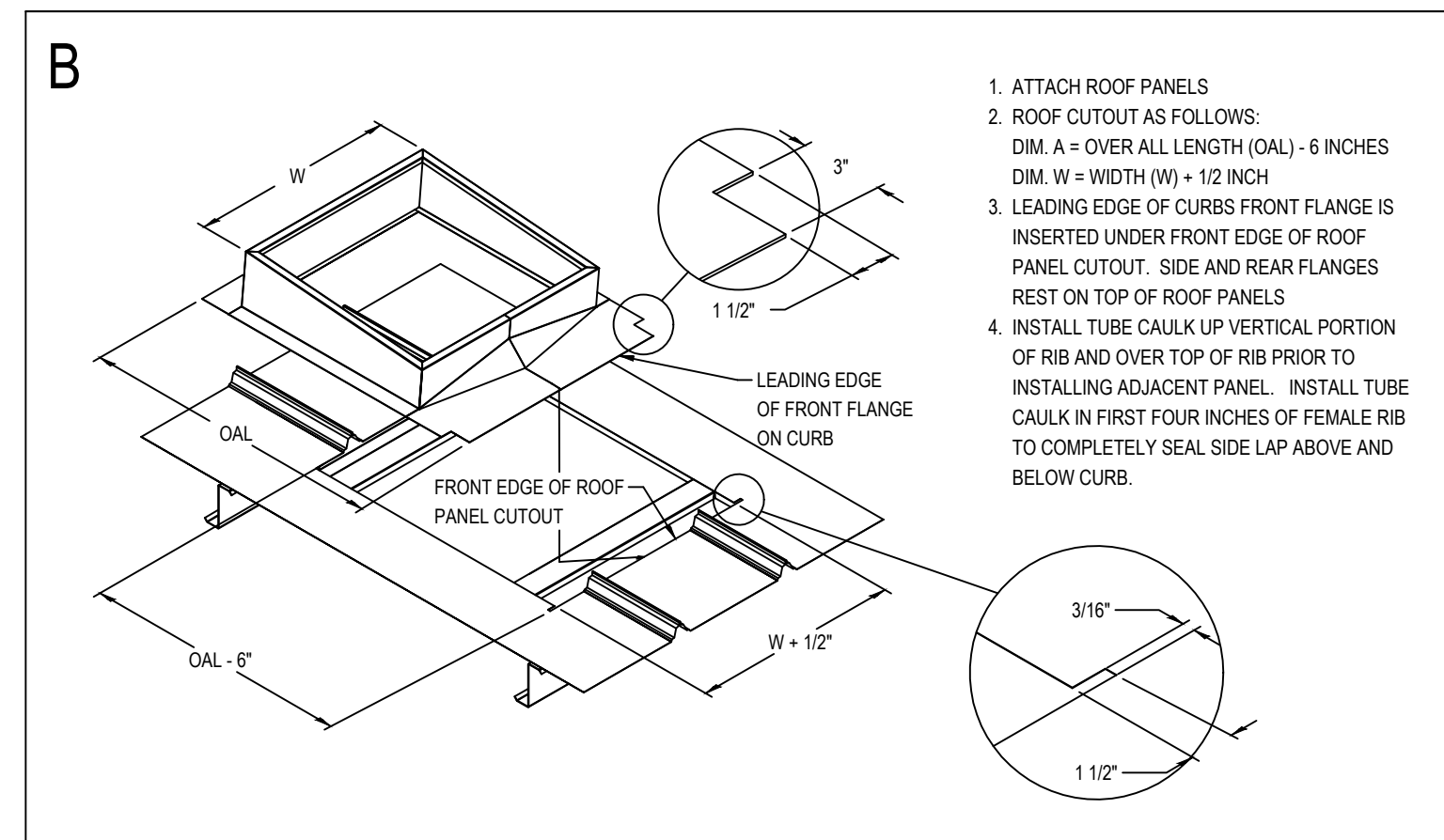
 JAMES T. REESE III
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DOLLAR GENERAL #24134
 ALEGANY COUNTY MD
 FLINTSTONE, MARYLAND

DOLLAR GENERAL
 SHEET TITLE
 FIXTURE PLAN AND DETAILS

SPI Client	DATE
22116	3-18-22
SHEET NUMBER	
F1	

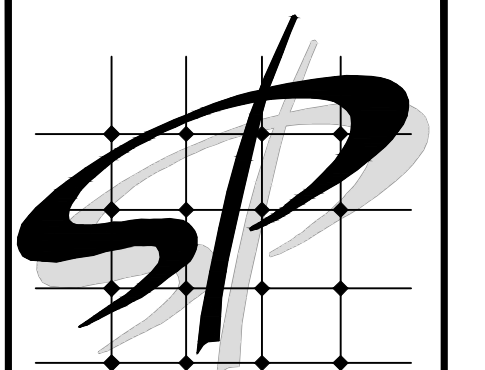


3 ROOF CURB DETAILS
GS1 NO SCALE

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

REQUIRED NATIONAL ACCOUNT ROOF CURB DG VENDORS:

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



STORE PLANNING Inc
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Mathews, North Carolina 28105
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ARCHITECT
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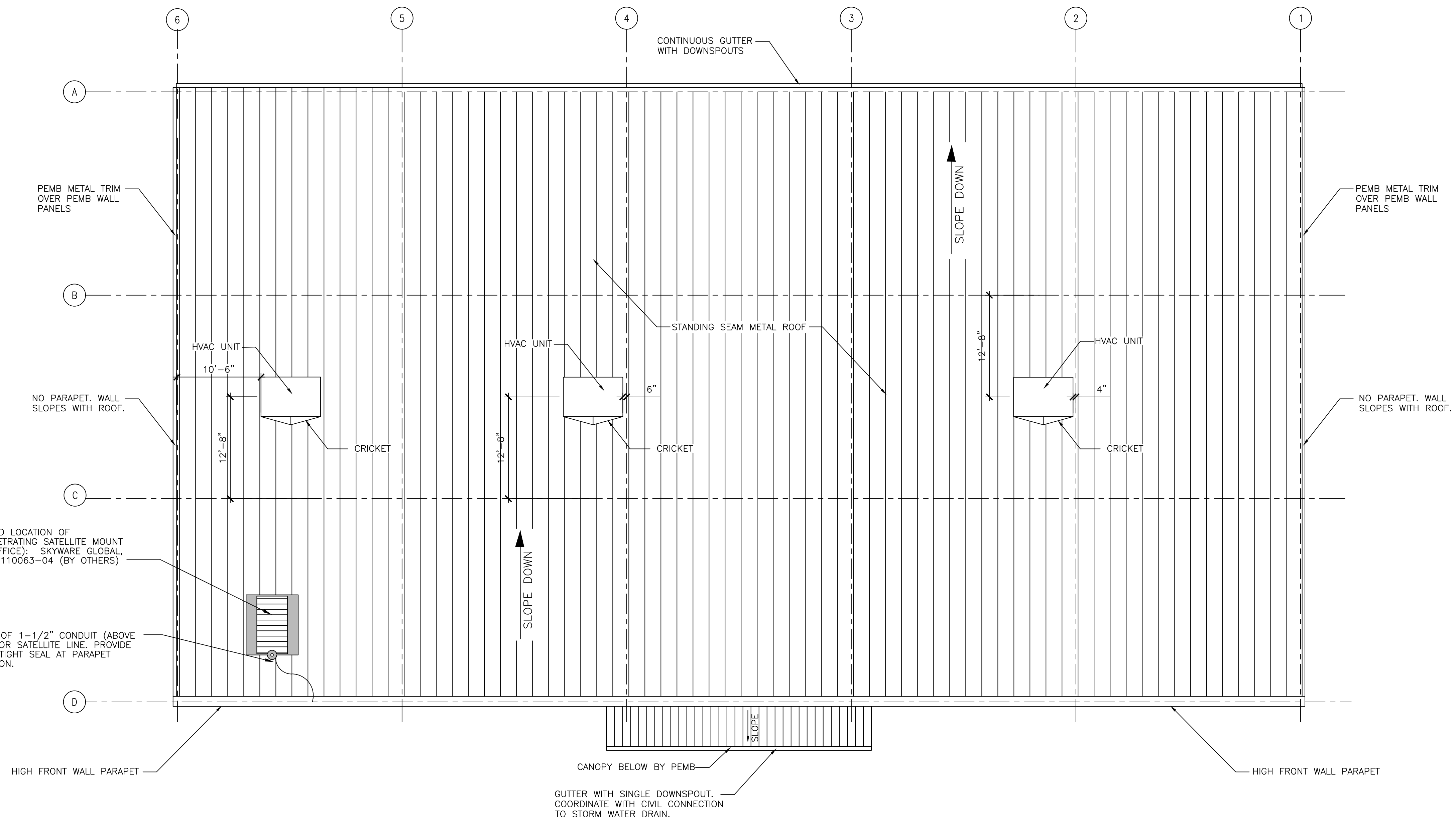
#	DATE	REVISION

DOLLAR GENERAL #24134
ALEGANY COUNTY MD
FLINTSTONE, MARYLAND

DOLLAR GENERAL
SHEET TITLE
ROOF PLAN & METAL BUILDING NOTES

SPI Client DATE
22116 3-18-22

SHEET NUMBER
GS1

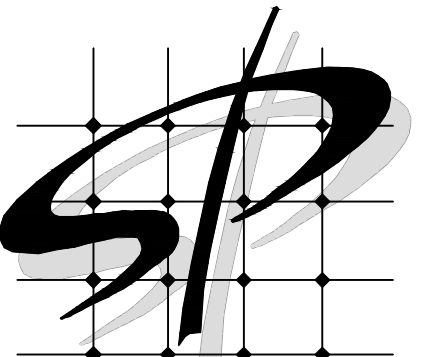


METAL BUILDING NOTES:

- 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

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.



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

ARCHITECT
14053



JAMES T. REESE III
STATE OF MARYLAND

Professional Certification, I certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the laws of the State of Maryland License Number 14053 Expiration Date 12/27/2022

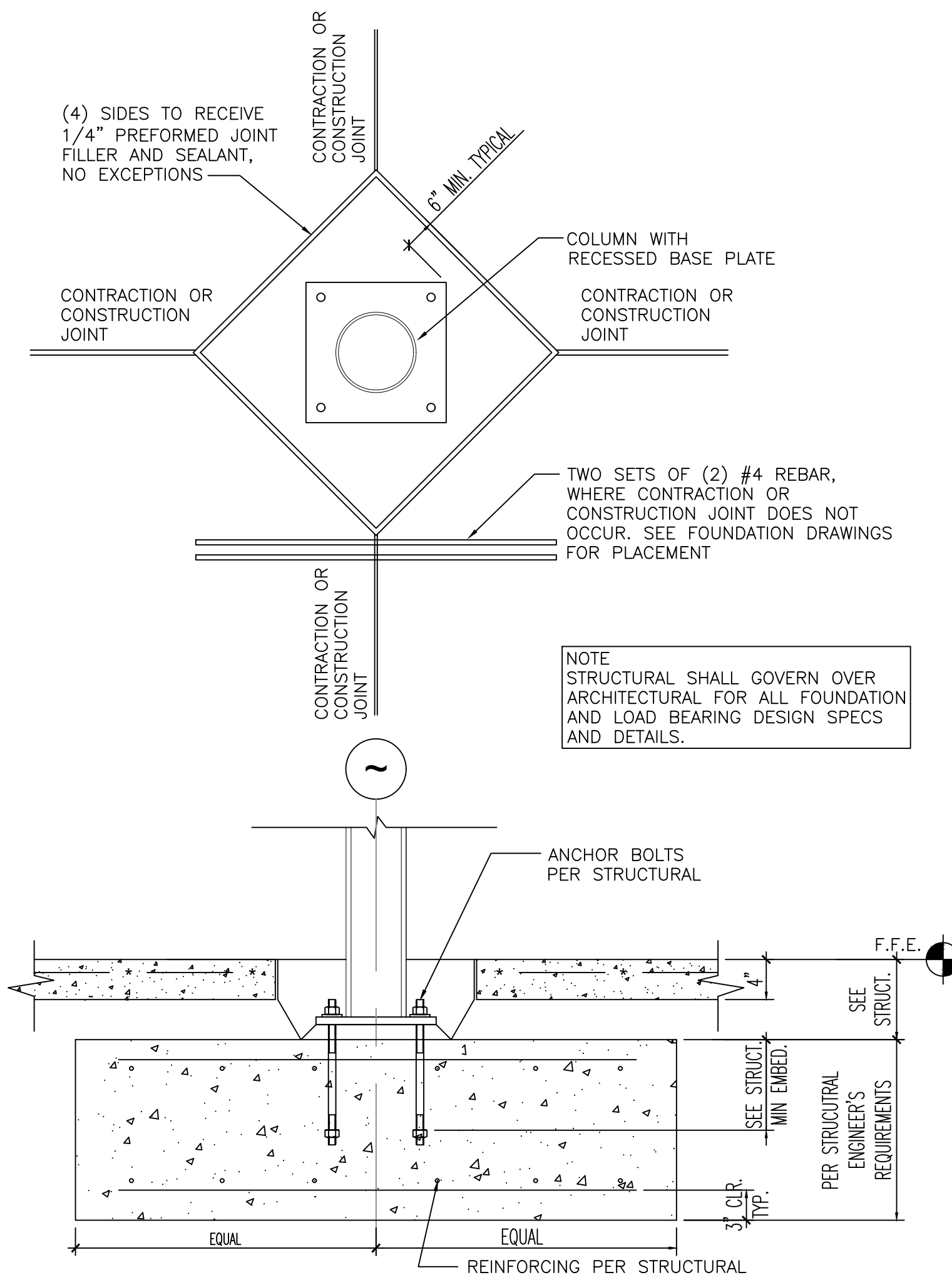
#	DATE	REVISION

DOLLAR GENERAL #24134
ALLEGANY COUNTY MD
FLINTSTONE, MARYLAND

DOLLAR GENERAL
SHEET TITLE
CONCRETE & COLUMN BASE DETAIL

SPI Client	DATE
22116	3-18-22

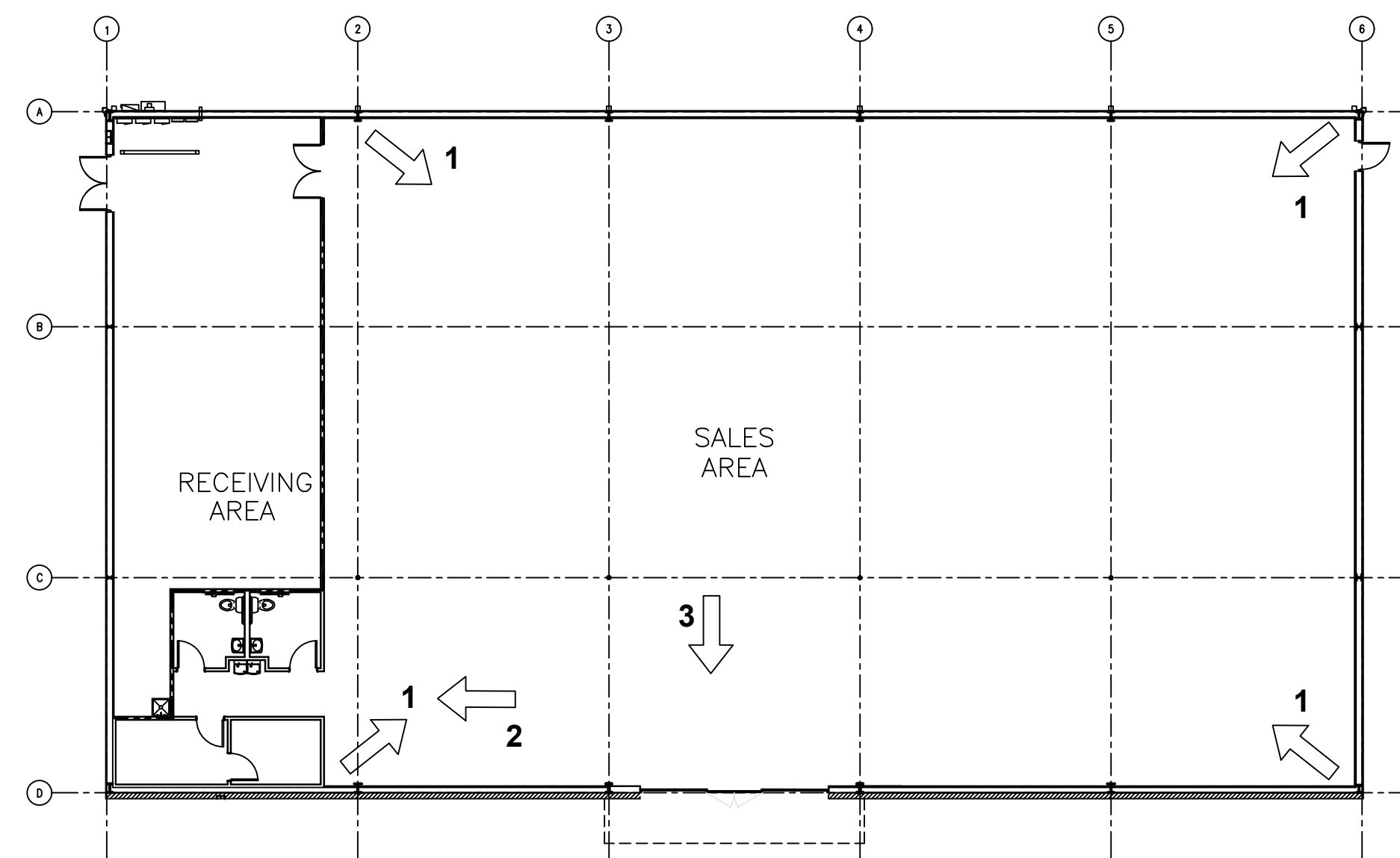
SHEET NUMBER
GS3



3 COLUMN BASE DETAIL - SECTION
GS3

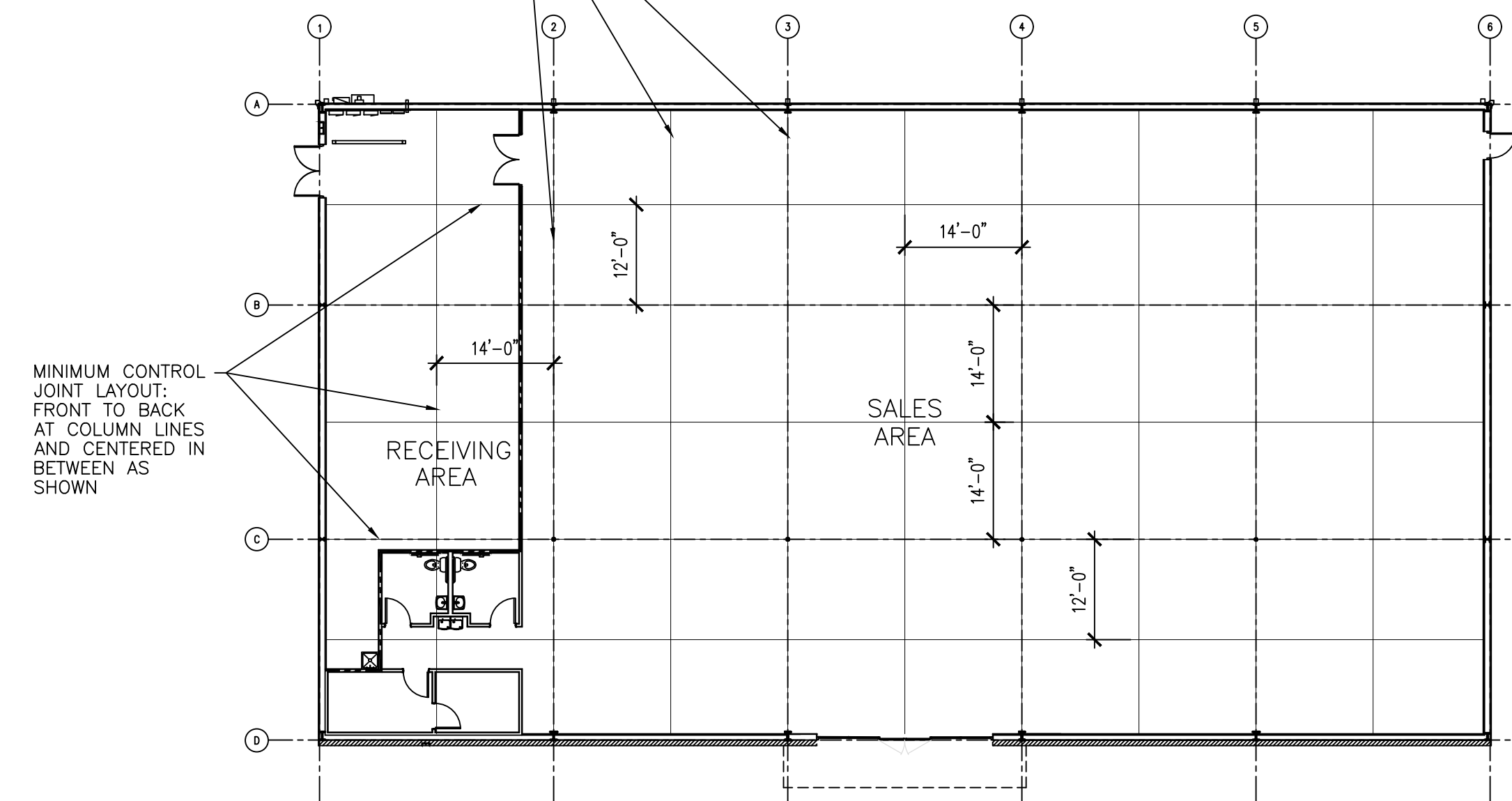
REQUIRED PHOTOS:
THE FOLLOWING LAYOUT SHOWS THE REQUIRED PHOTOS TO BE TAKEN AT COMPLETION.
(MAKE SURE THE OVERHEAD LIGHTS ARE ON FOR YOUR PHOTOS.)

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
GS3
1/16"=1'-0"

MINIMUM CONTROL JOINT LAYOUT:
FRONT TO BACK AT COLUMN LINES AND CENTERED IN BETWEEN AS SHOWN

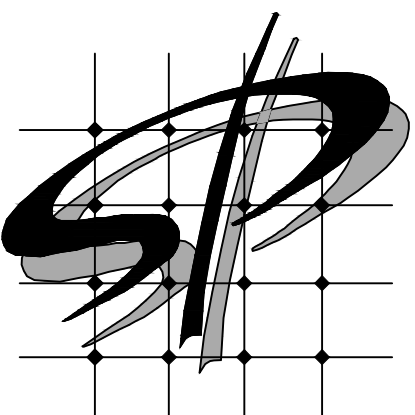


2 CONTROL JOINT SPACING PLAN
GS3
1/16"=1'-0"

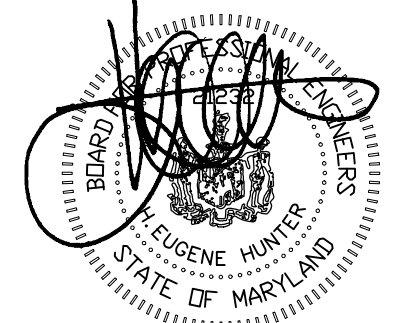
H. EUGENE HUNTER, P.E.
Consulting Structural Engineer

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Matthews, NC 28106
ghunterecr@earthlink.net

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ISSUE: 03/18/2022
REV. 03/18/2022

#	DATE	REVISION
1	03/28/22	GEOTECH UPDATE

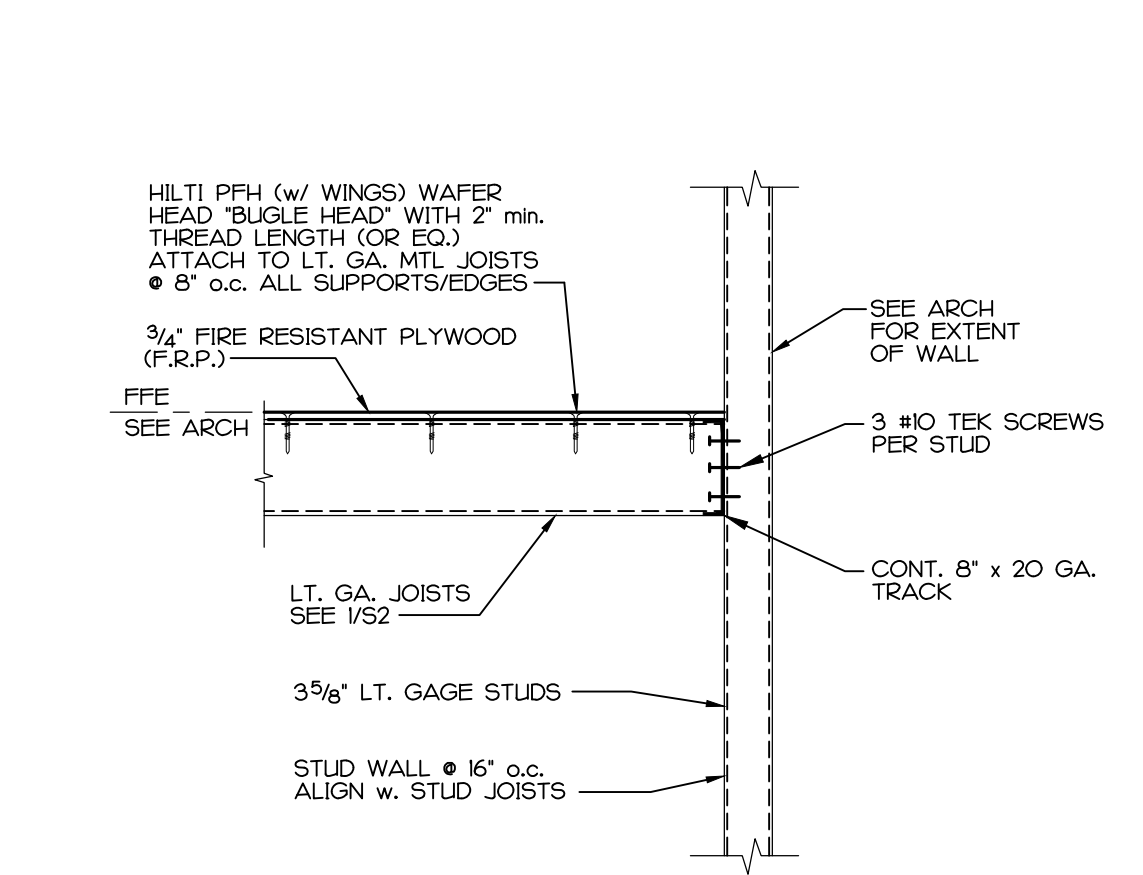
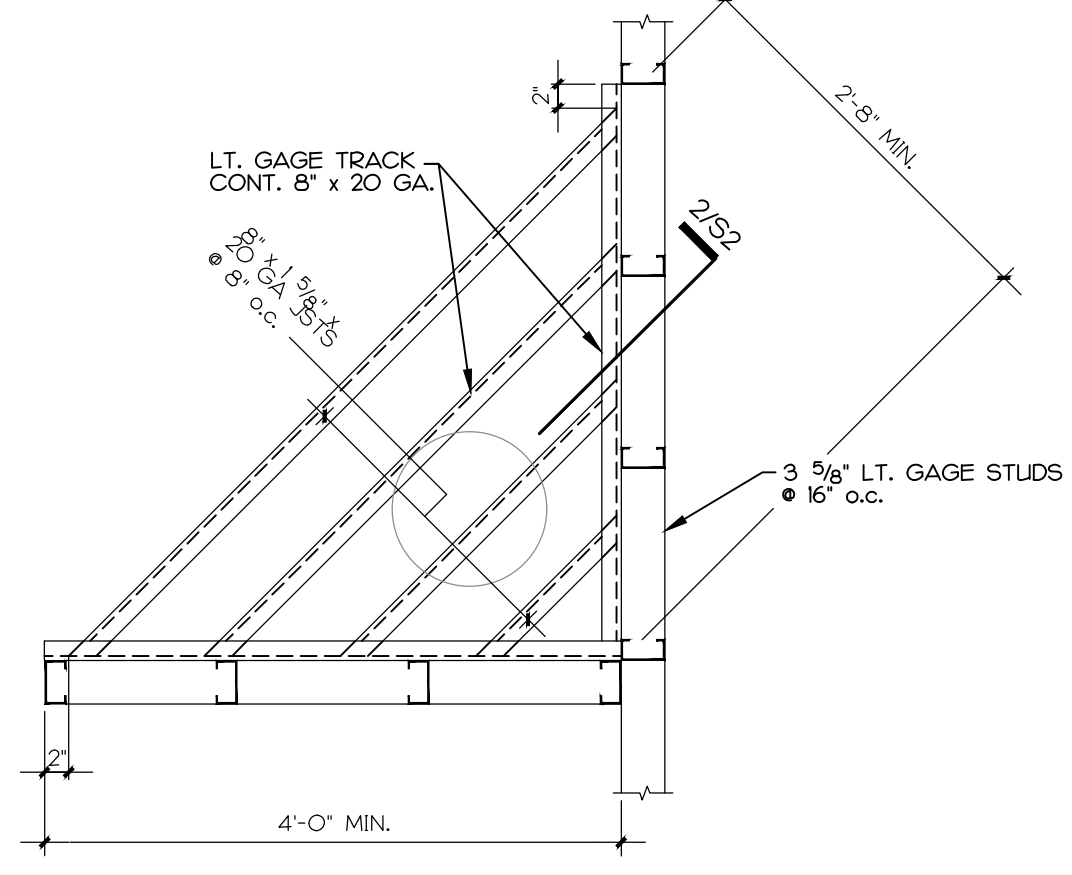
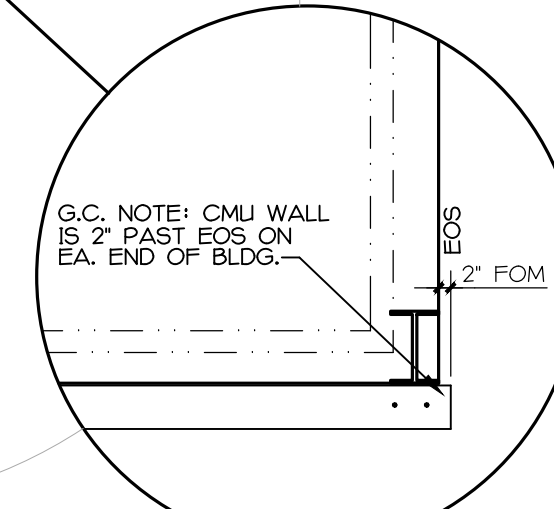
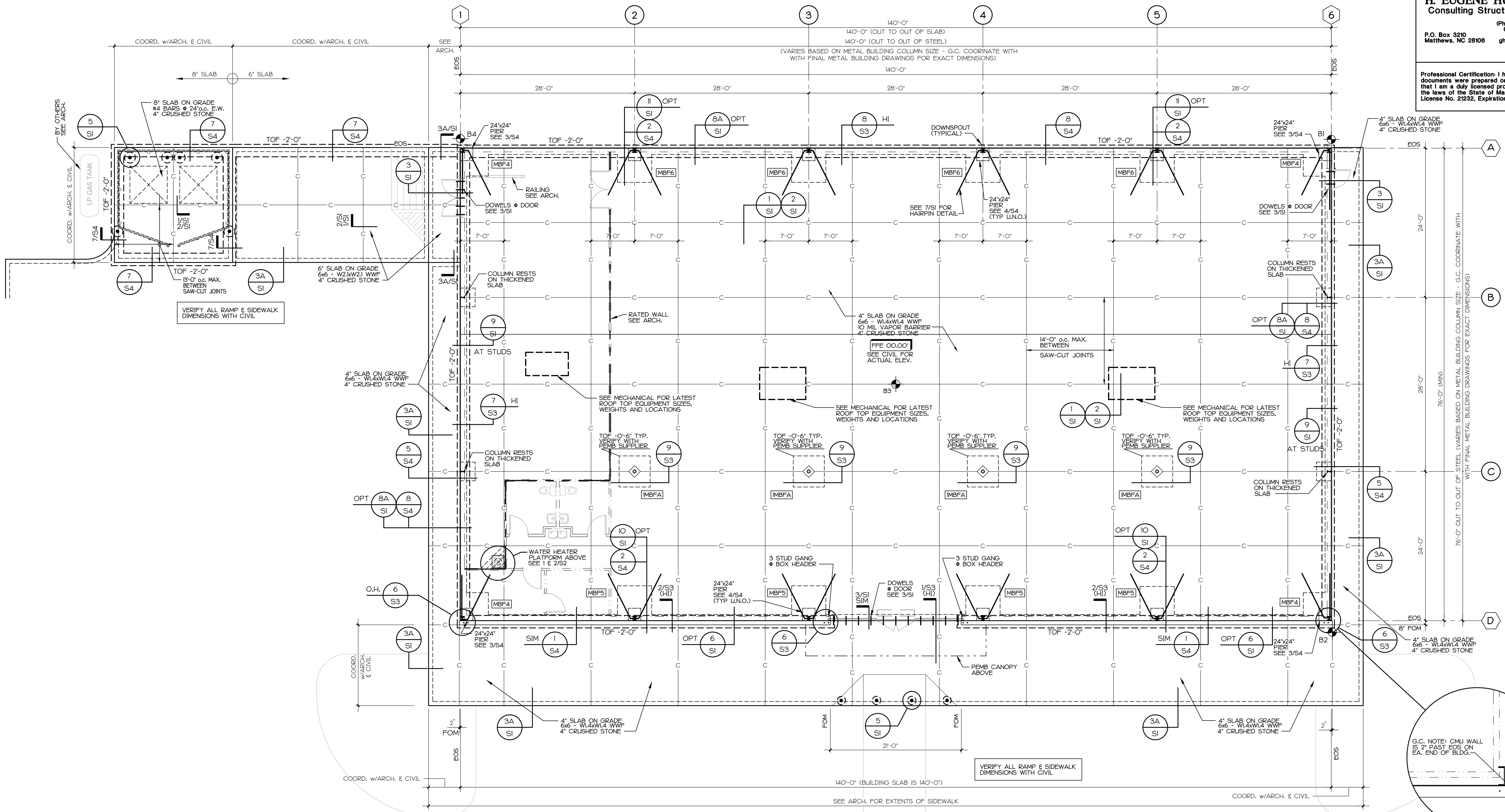
DOLLAR GENERAL #24134
ALLEGANY COUNTY MD
FLINTSTONE, MARYLAND

HEH JOB: 4434

DOLLAR GENERAL
FOUNDATION PLAN AND DETAILS
SHEET TITLE

SPI Client DATE
22116 3-18-22

SHEET NUMBER
S2



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.

ALL EXISTING SITE STRUCTURES, FOUNDATIONS, AND BITUMINOUS PAVEMENT AREA SHOULD BE DEMOLISHED AND REMOVED. THE RESULTING EXCAVATIONS SHOULD BE BACKFILLED WITH CONTROLLED STRUCTURAL FILL.

FOUNDATION PLAN

- 1/8" = 1'-0"
FOUNDATION SHEET NOTES:
FINISHED FLOOR ELEVATION IS 0.00' UNLESS NOTED OTHERWISE AS ± 0'-0"
- FFE --- INDICATES FINISHED FLOOR ELEVATION
 - EOS --- INDICATES EDGE OF SLAB
 - FOB --- INDICATES FACE OF BUILDING
 - C- --- INDICATES SLAB CONTROL JOINT

- MBF* --- 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

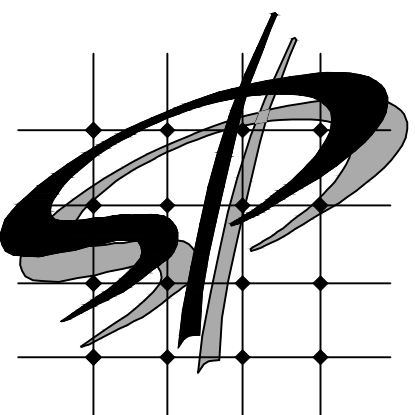
METAL BUILDING FOOTING SCHEDULE

MARK	DEPTH	SIZE	REINFORCING EACH WAY	REMARKS	ALT. DEPTH
MBF1	18"	3'-0" x 3'-0"	4 #4 x 2'-6"	COL. SECT. 2/54	36"
MBF2	18"	3'-6" x 3'-6"	4 #4 x 3'-0"	COL. SECT. 2/54	36"
MBF3	18"	4'-0" x 4'-0"	4 #5 x 3'-6"	COL. SECT. 2/54	36"
MBF4	18"	4'-6" x 4'-6"	4 #5 x 4'-0"	COL. SECT. 2/54	36"
MBF5	18"	5'-0" x 5'-0"	5 #5 x 4'-6"	COL. SECT. 2/54	36"
MBF6	18"	5'-6" x 5'-6"	6 #5 x 5'-0"	COL. SECT. 2/54	36"
MBF7	18"	6'-0" x 6'-0"	6 #5 x 5'-6"	COL. SECT. 2/54	36"
IMBFA	24"	6'-6" x 6'-6"	7 #5 x 6'-0"	INTERIOR FOOTING ONLY	N/A

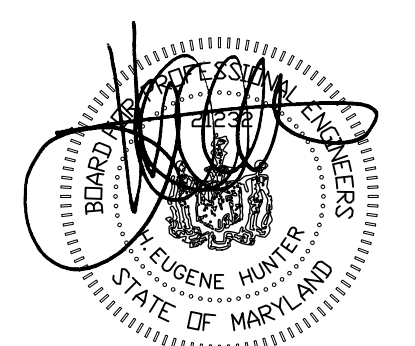
H. EUGENE HUNTER, P.E.
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ISSUE: 03/18/2012

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DOLLAR GENERAL #24134
ALLEGANY COUNTY MD
FLINTSTONE, MARYLAND

HEH JOB: 4434

DOLLAR GENERAL

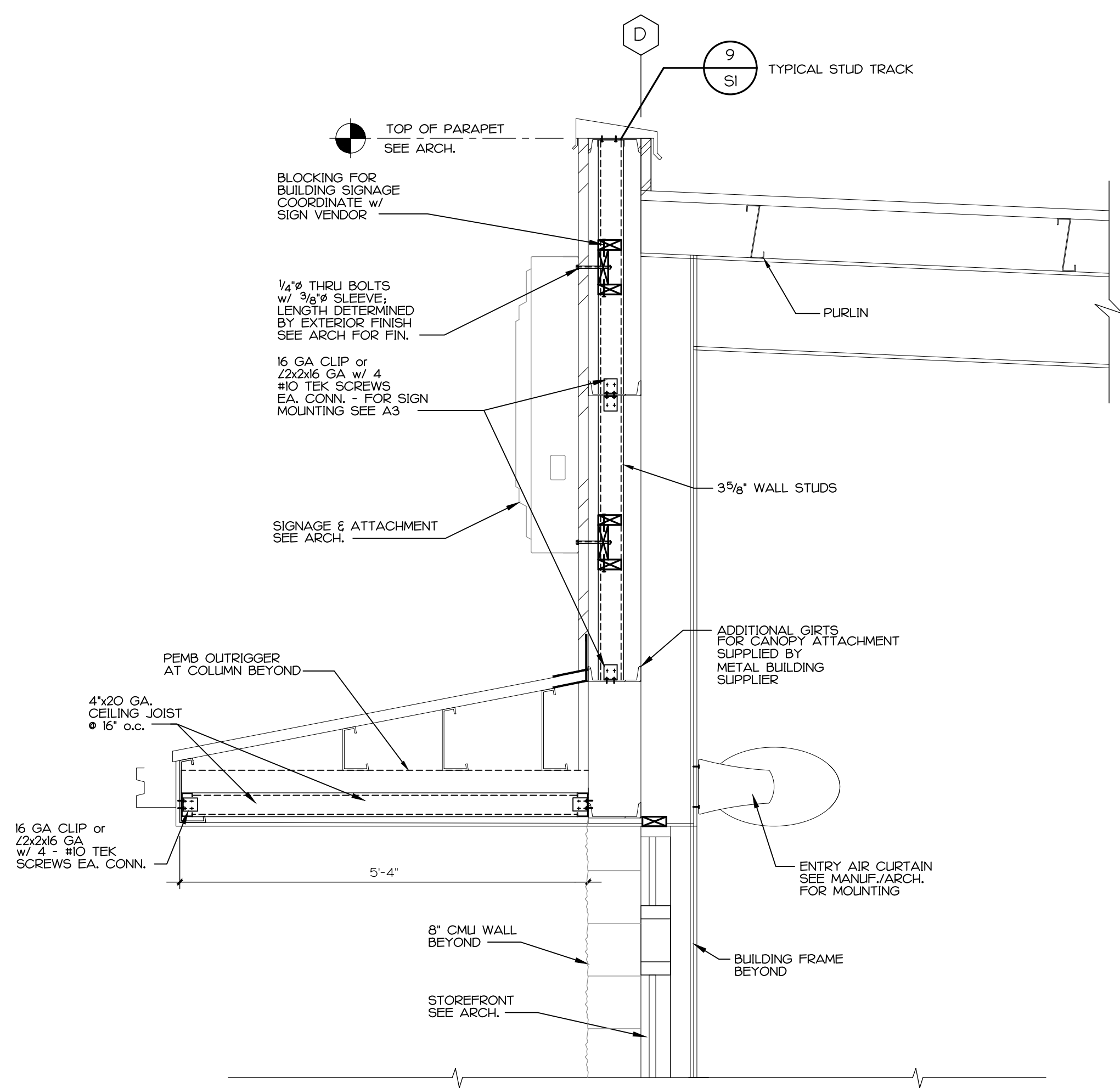
SECTIONS AND DETAILS

SHEET TITLE

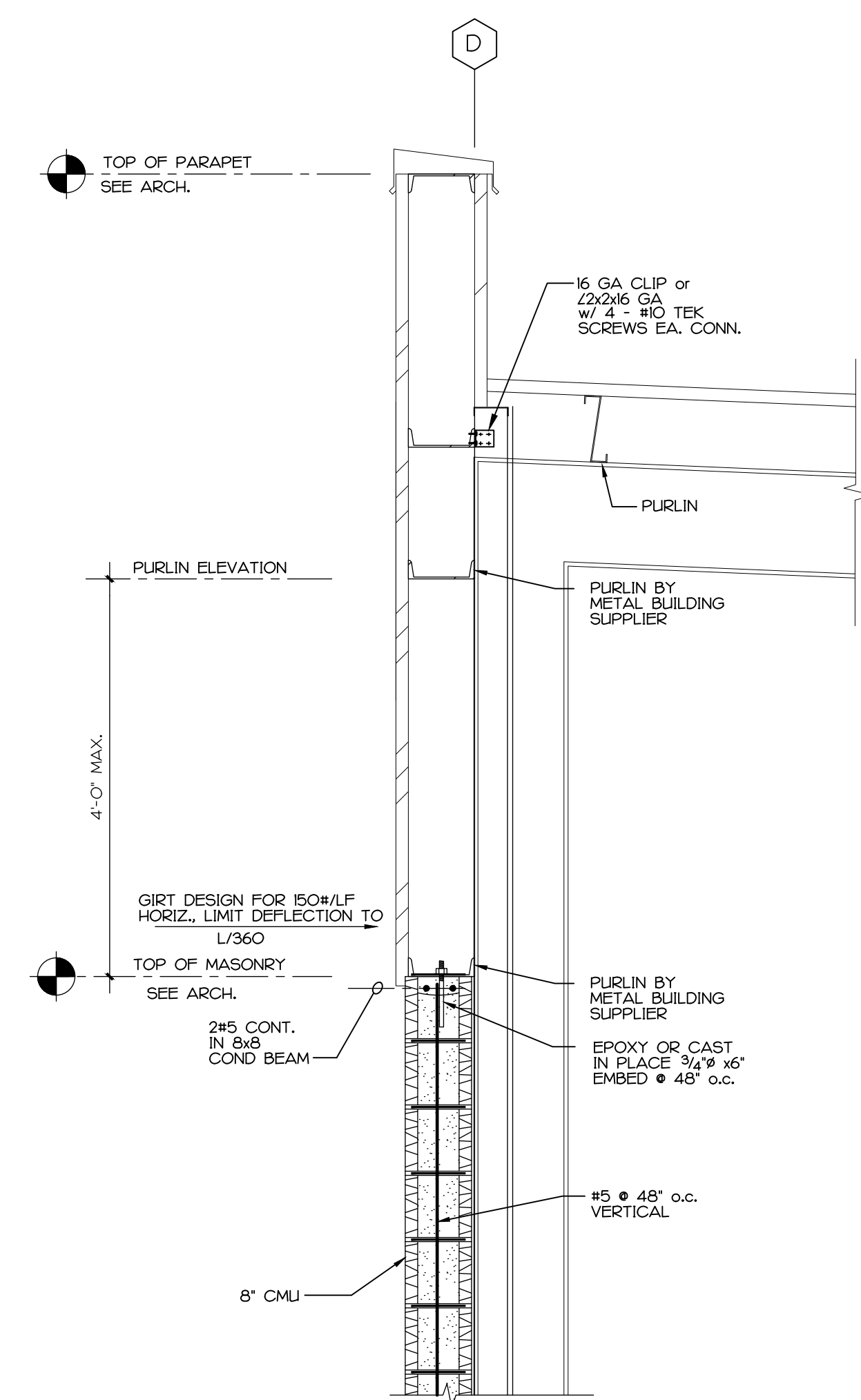
SPI Client	DATE
22116	3-18-22

SHEET NUMBER

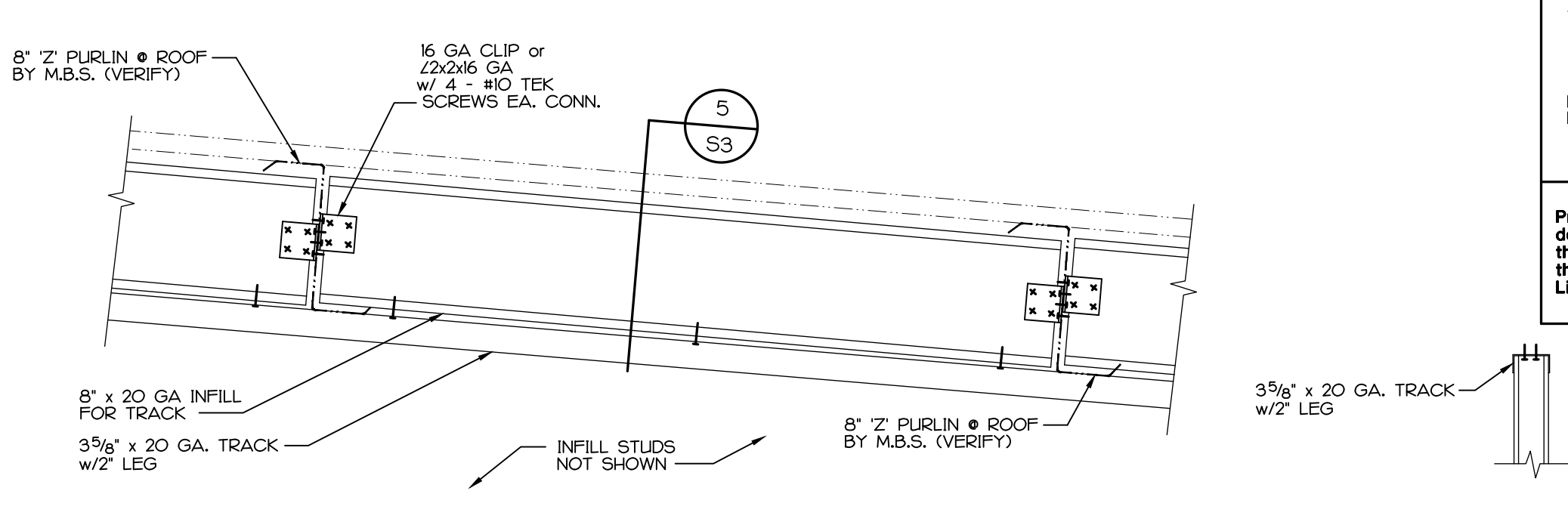
S3



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

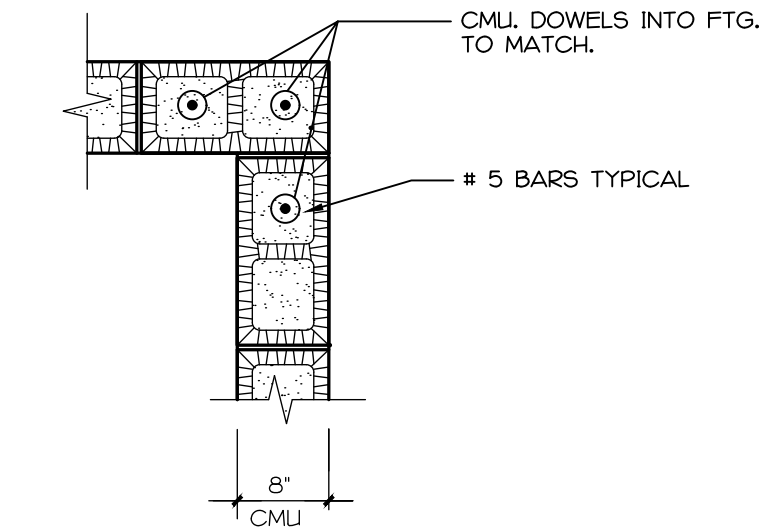


2 SECTION AT ROOF
S3 3/4" = 1'-0"

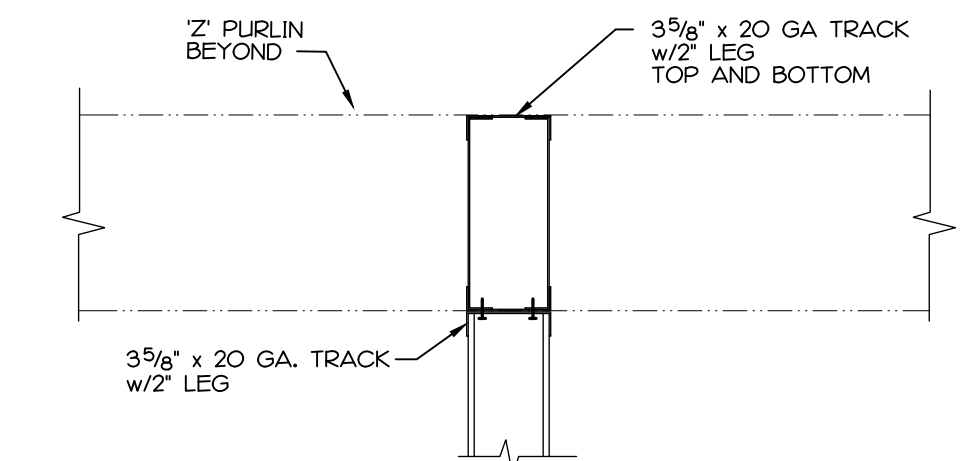


3 DETAIL AT ROOF
S3 1 1/2" = 1'-0"

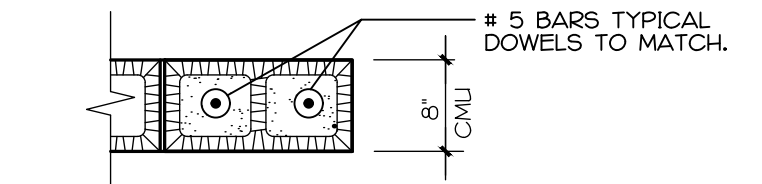
4 SECTION ABOVE ENTRY
S3 1 1/2" = 1'-0"



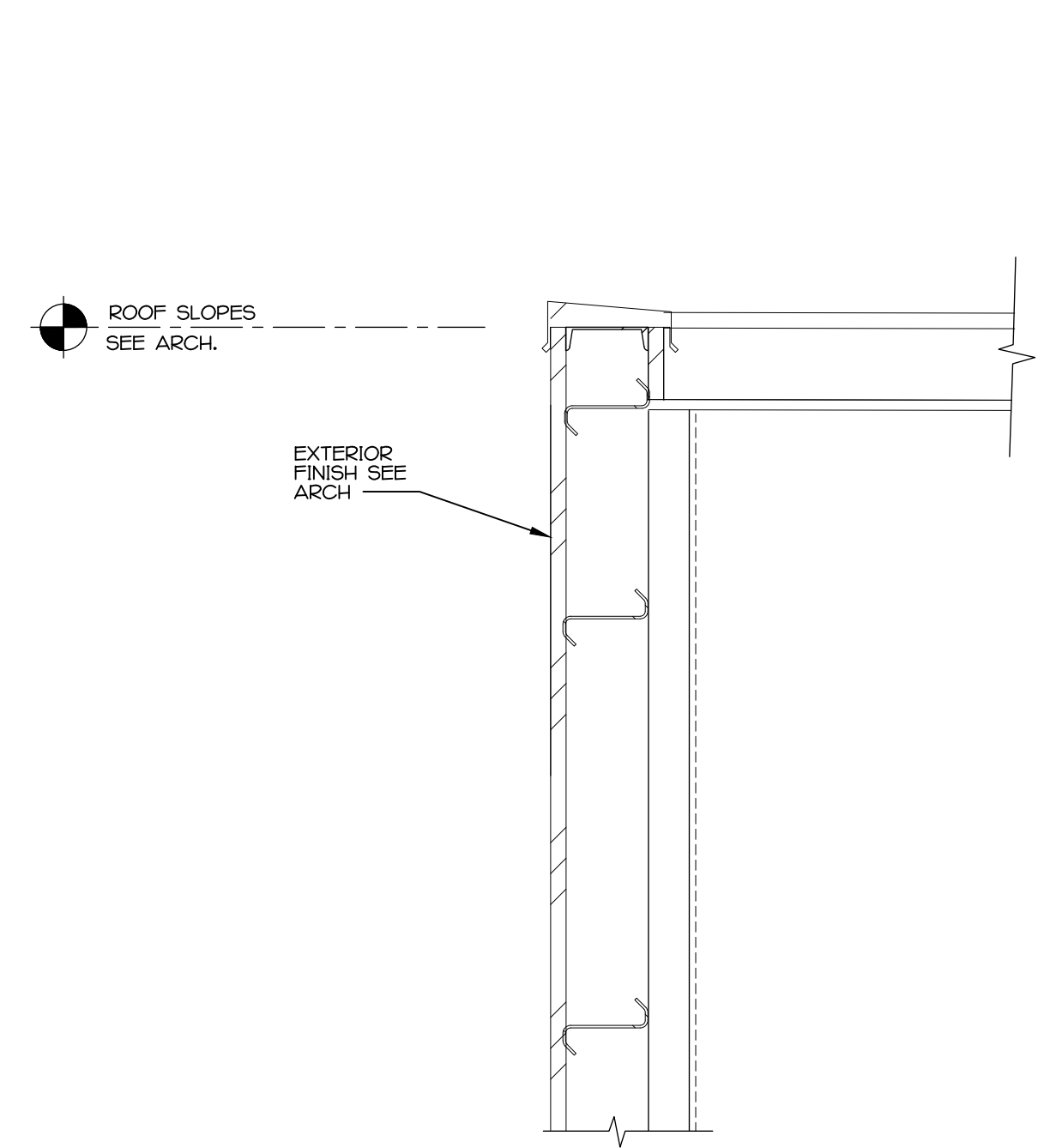
6A TYP. CORNER REINF.
S3 NO SCALE



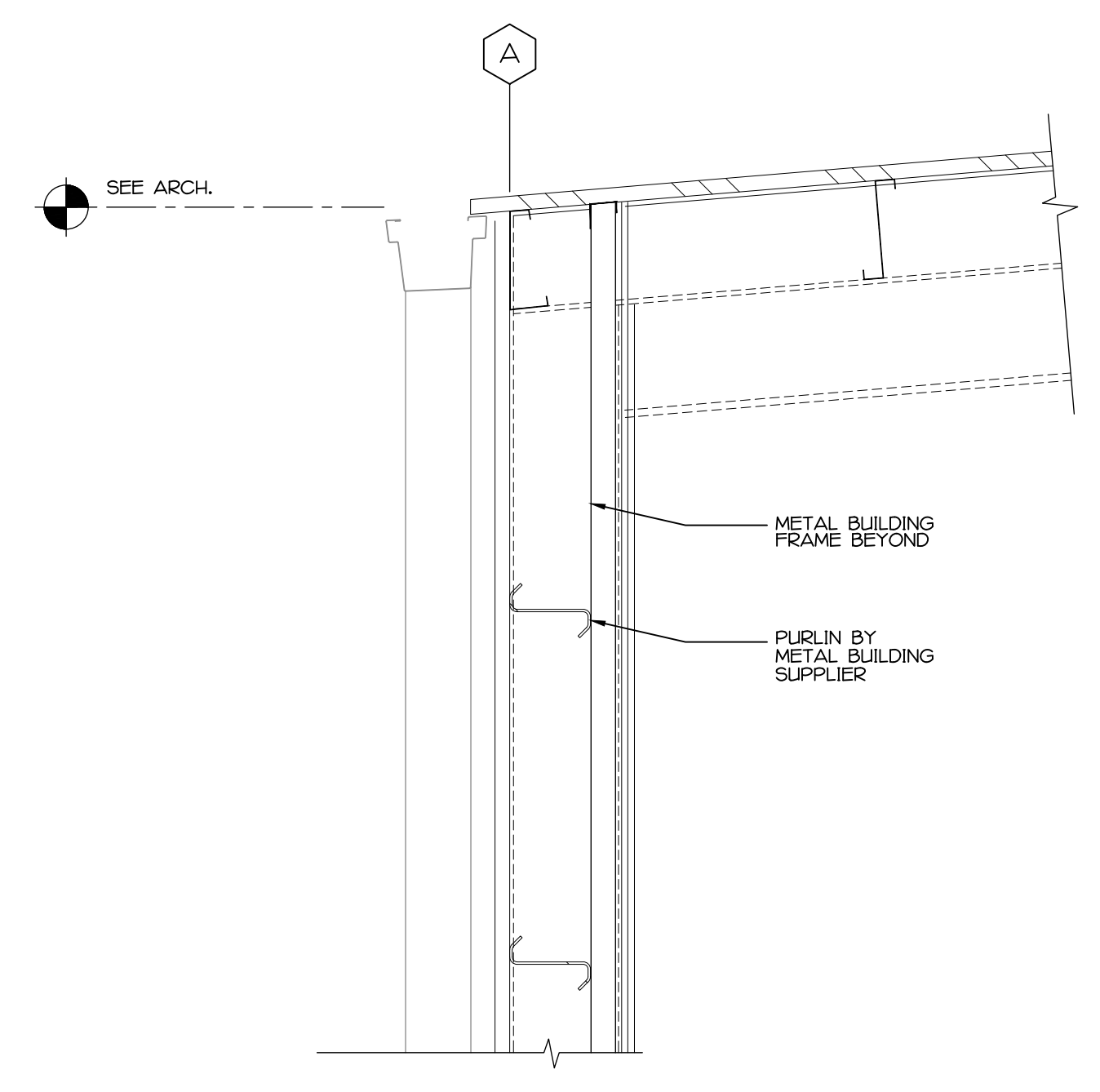
5 SECTION
S3 1 1/2" = 1'-0"



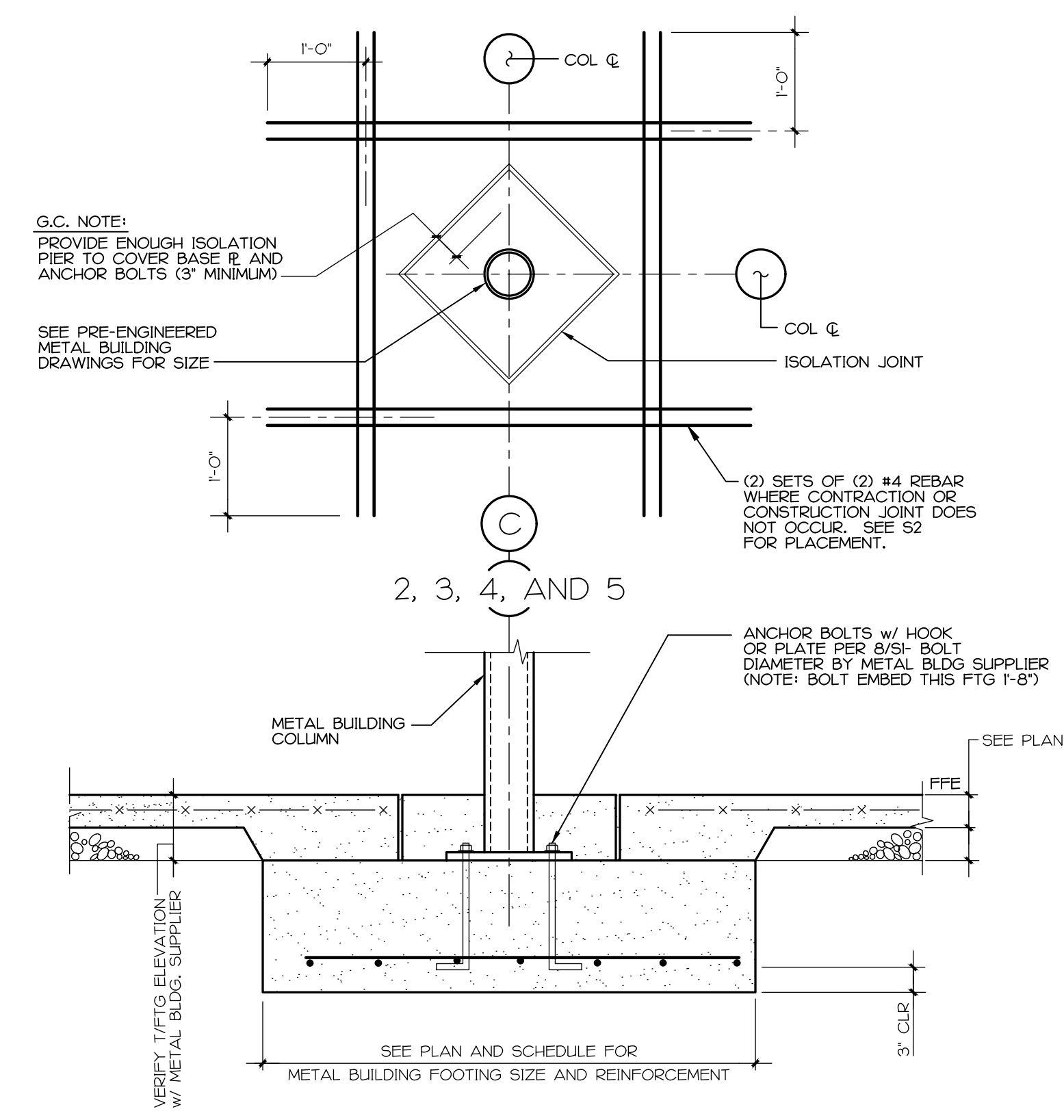
6 TYP. END WALL REINF.
S3 NO SCALE



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



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

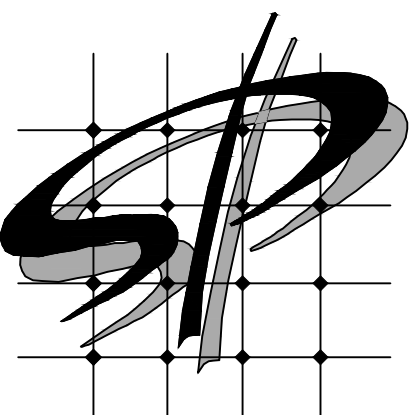


9 SECTION AT INTERIOR COLUMN
S3 3/4" = 1'-0"

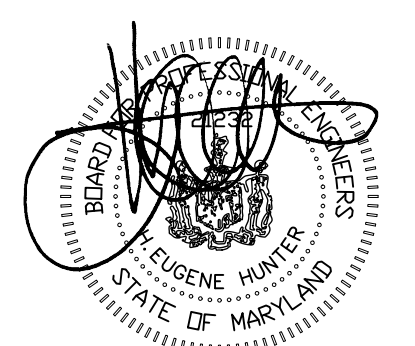
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1	03/28/22	GEOTECH UPDATE
2		
3		
4		
5		
6		
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DOLLAR GENERAL #24134
ALLEGANY COUNTY MD
FLINTSTONE, MARYLAND

HEH JOB: 4434

DOLLAR GENERAL

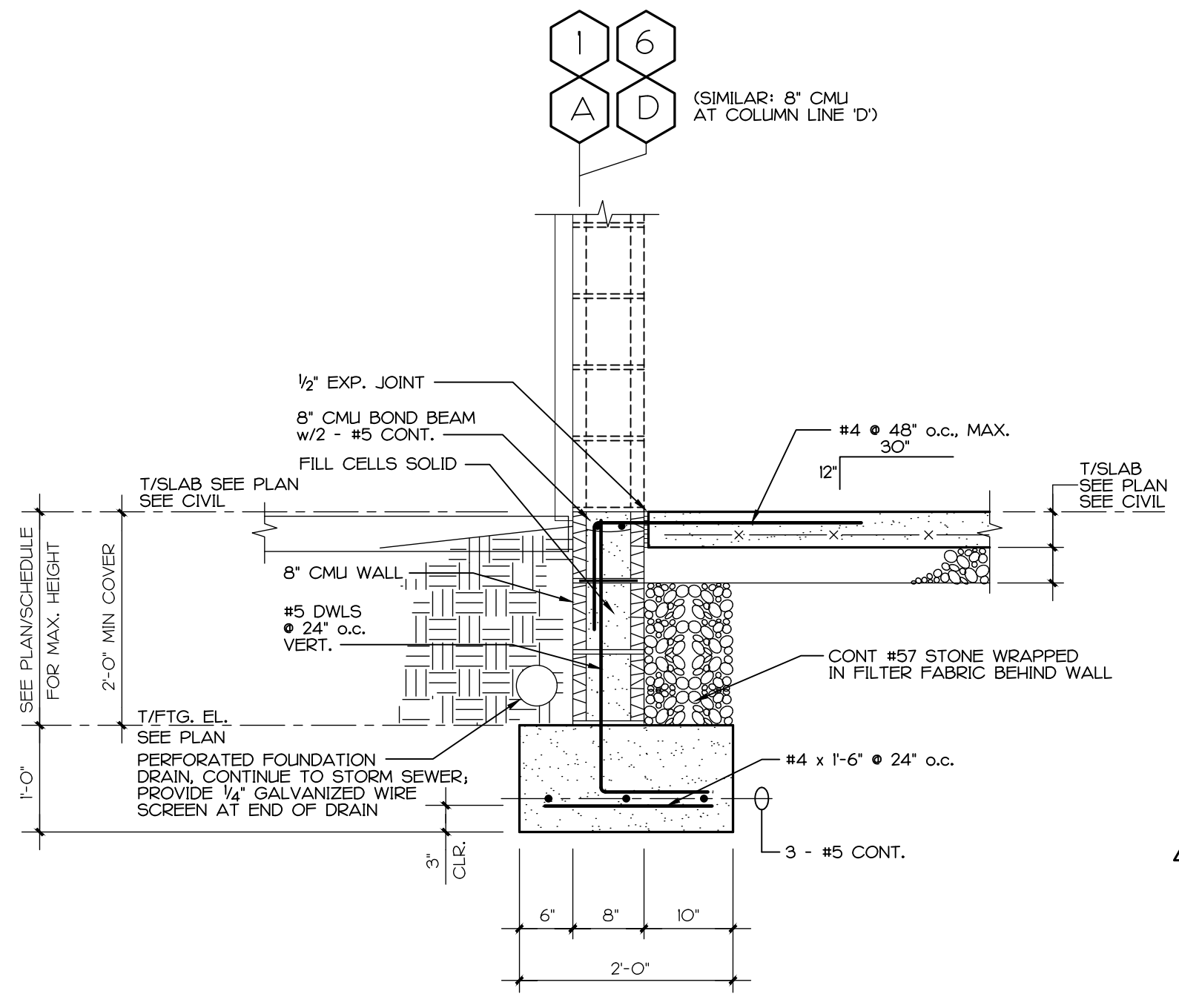
SECTIONS & DETAILS

SHEET TITLE

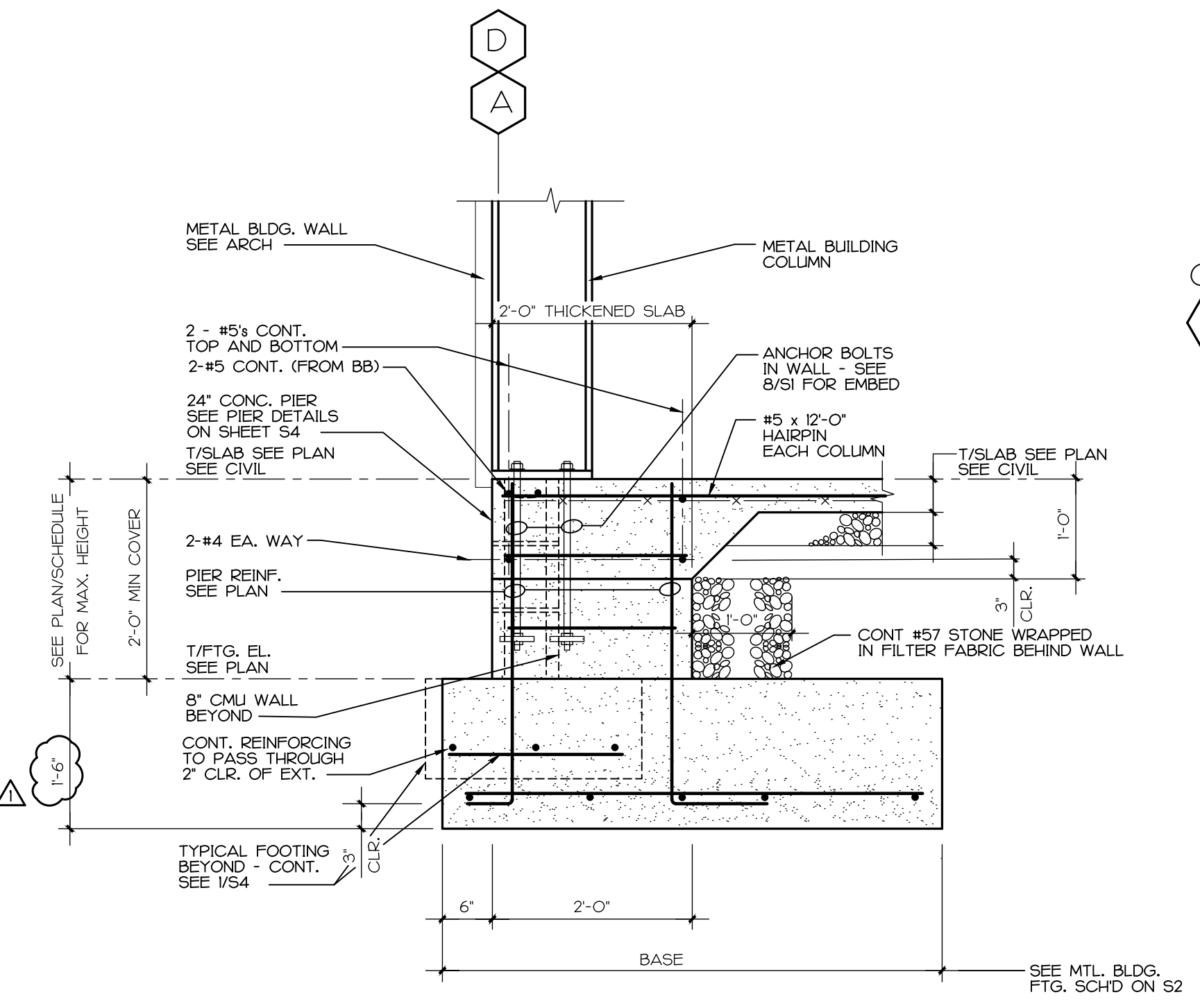
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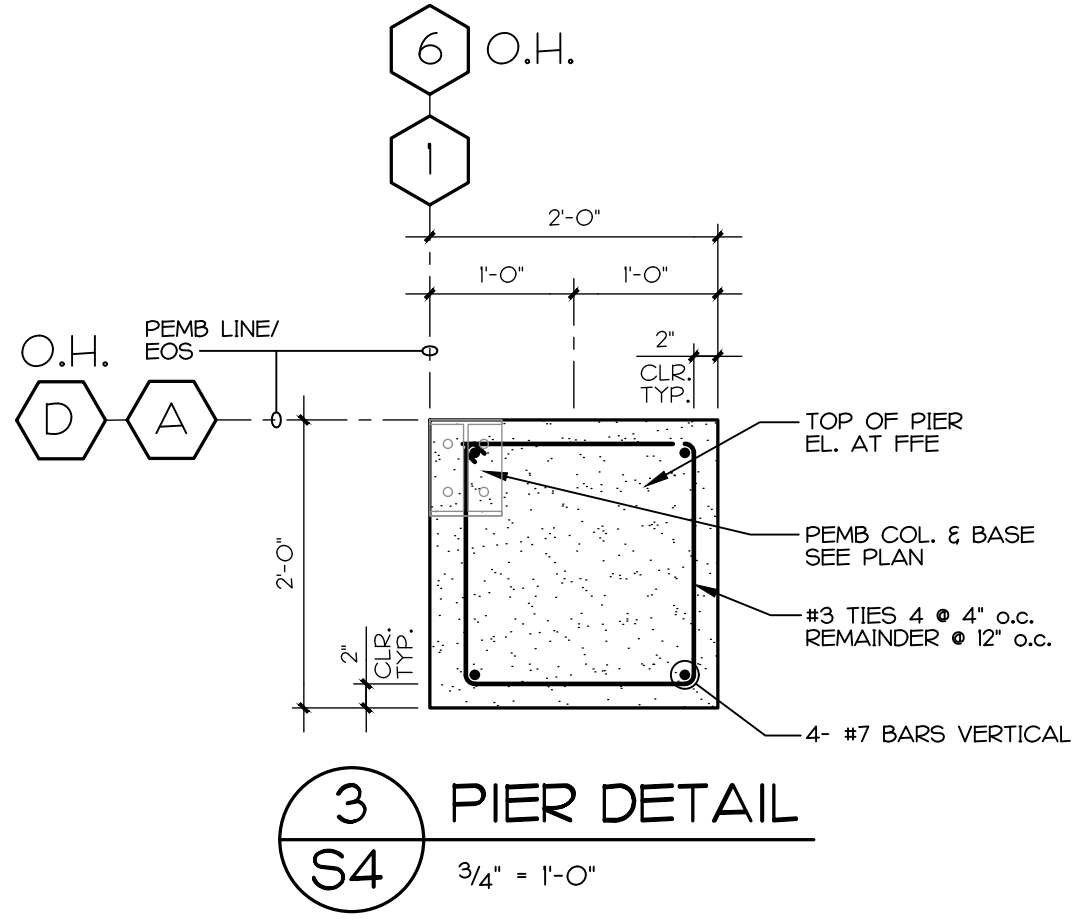
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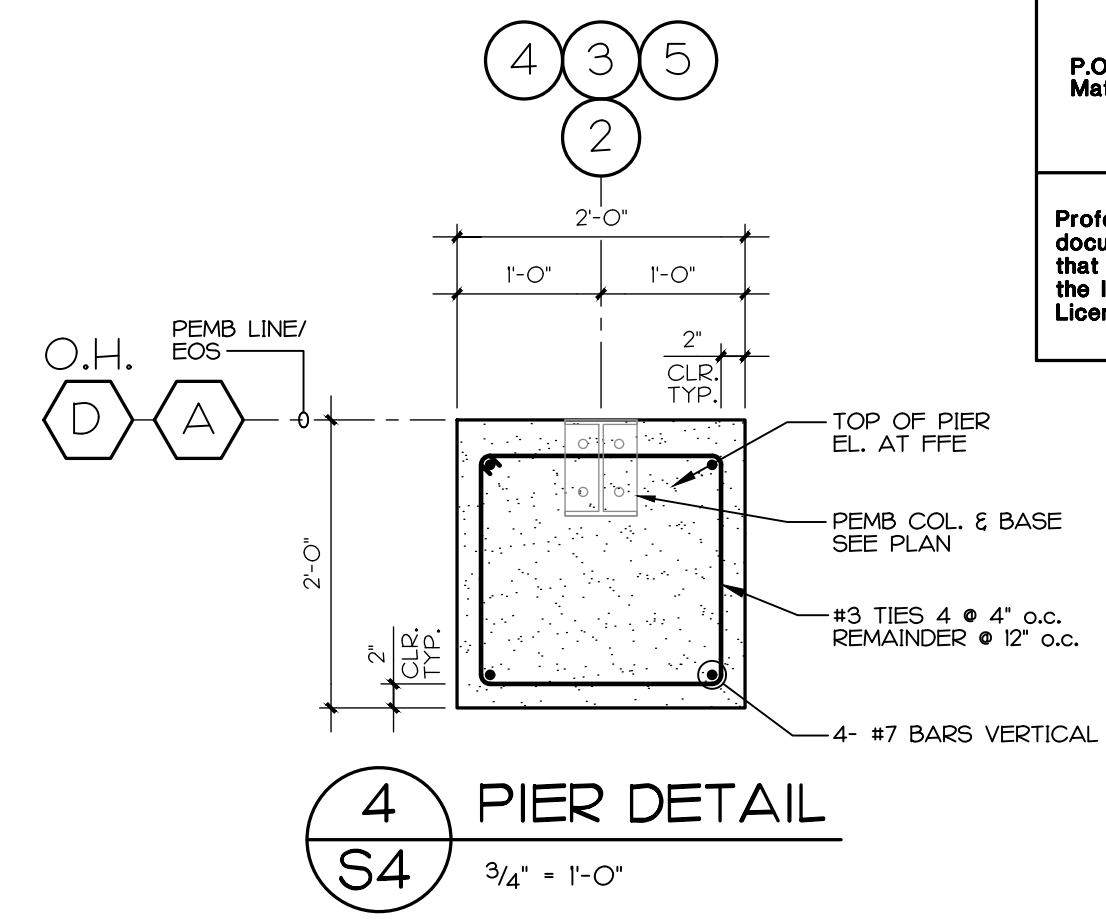
1 SECTION AT BUILDING WALL
S4 3/4" x 1'-0"



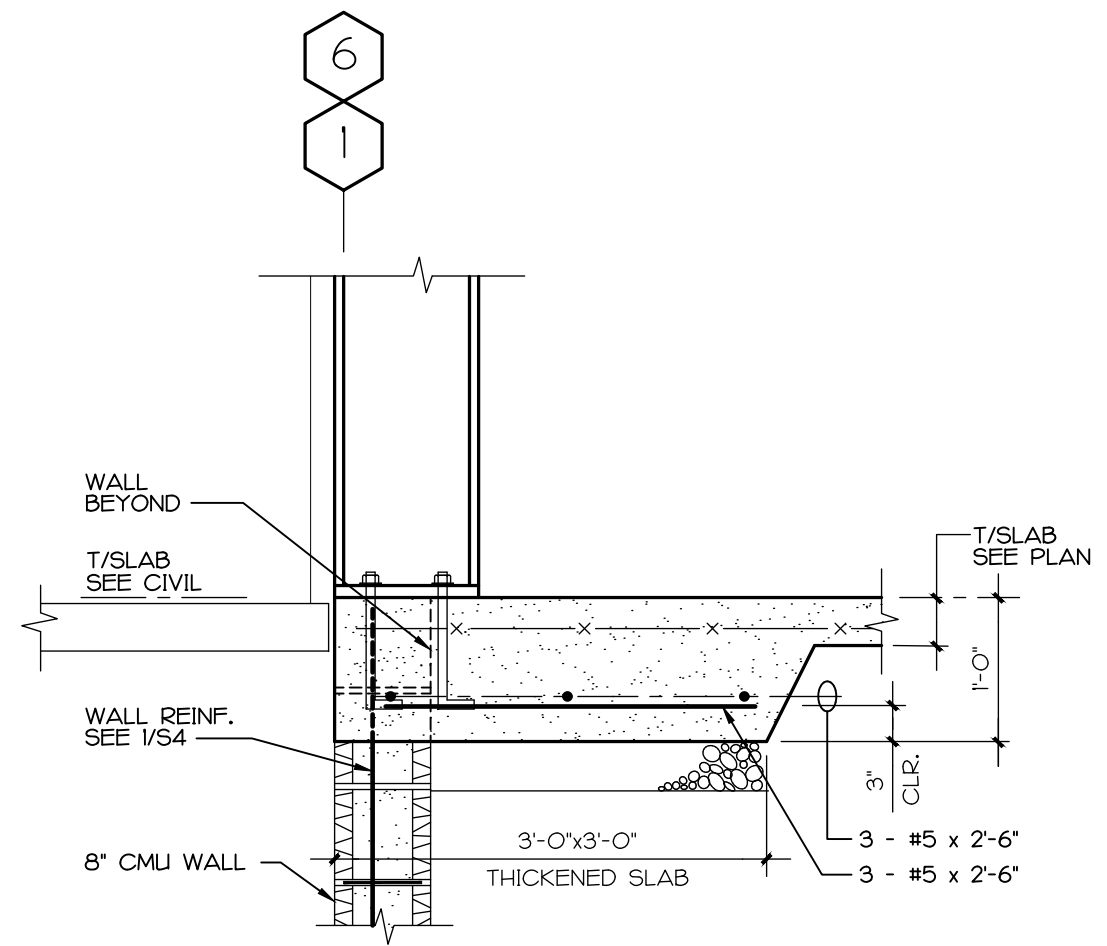
2 SECTION AT EXTERIOR COLS.
S4 3/4" x 1'-0"



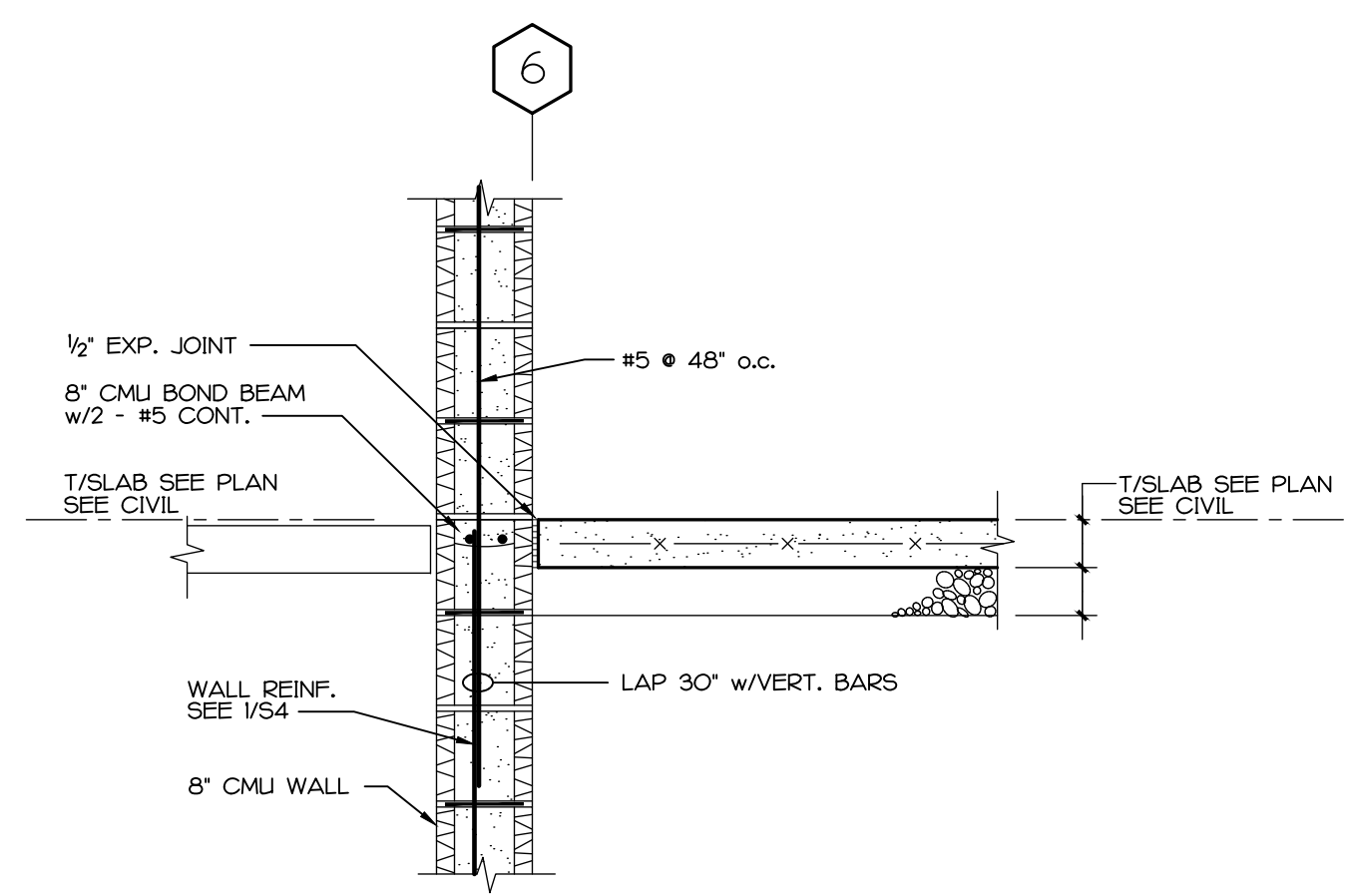
3 PIER DETAIL
S4 3/4" x 1'-0"



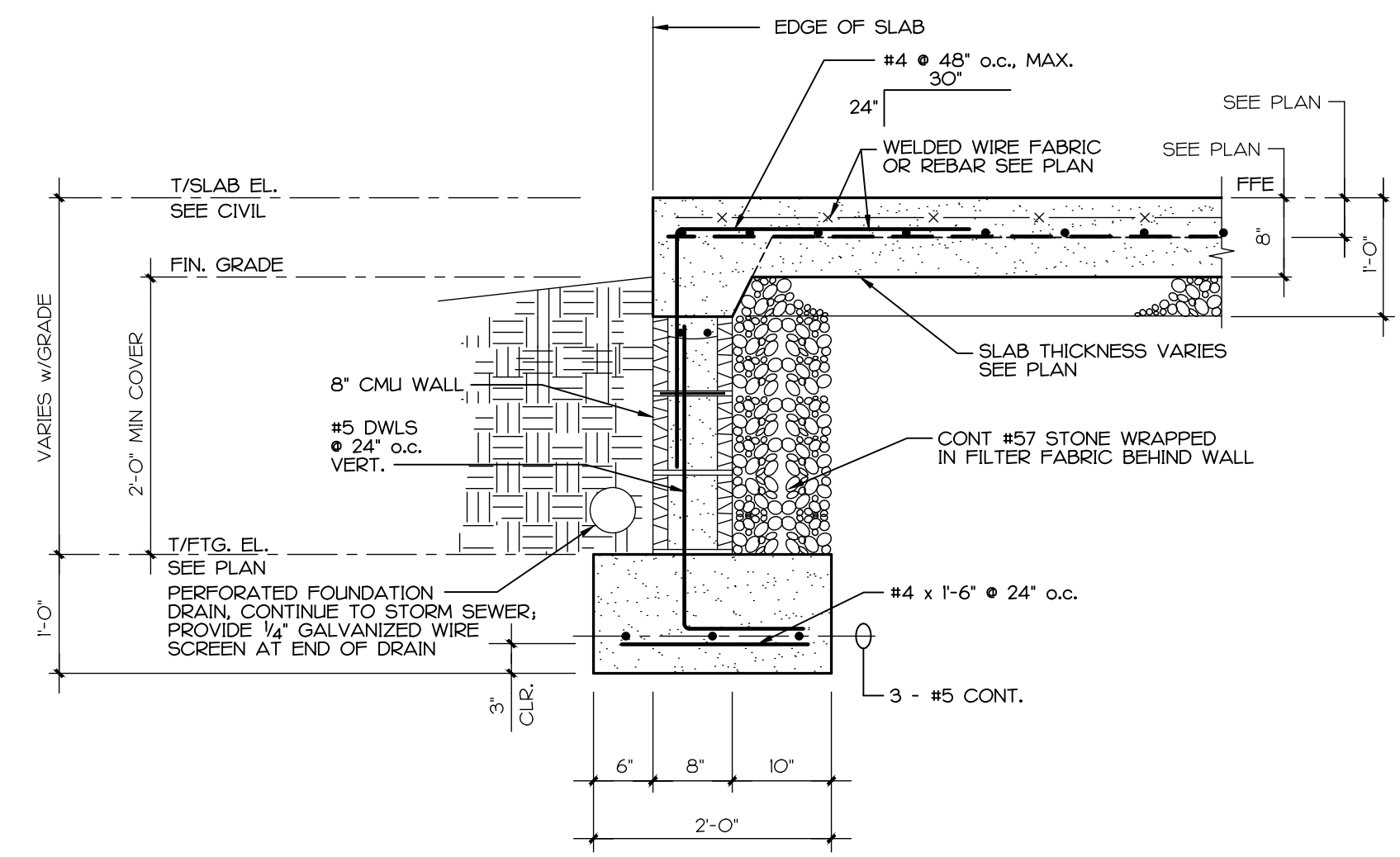
4 PIER DETAIL
S4 3/4" x 1'-0"



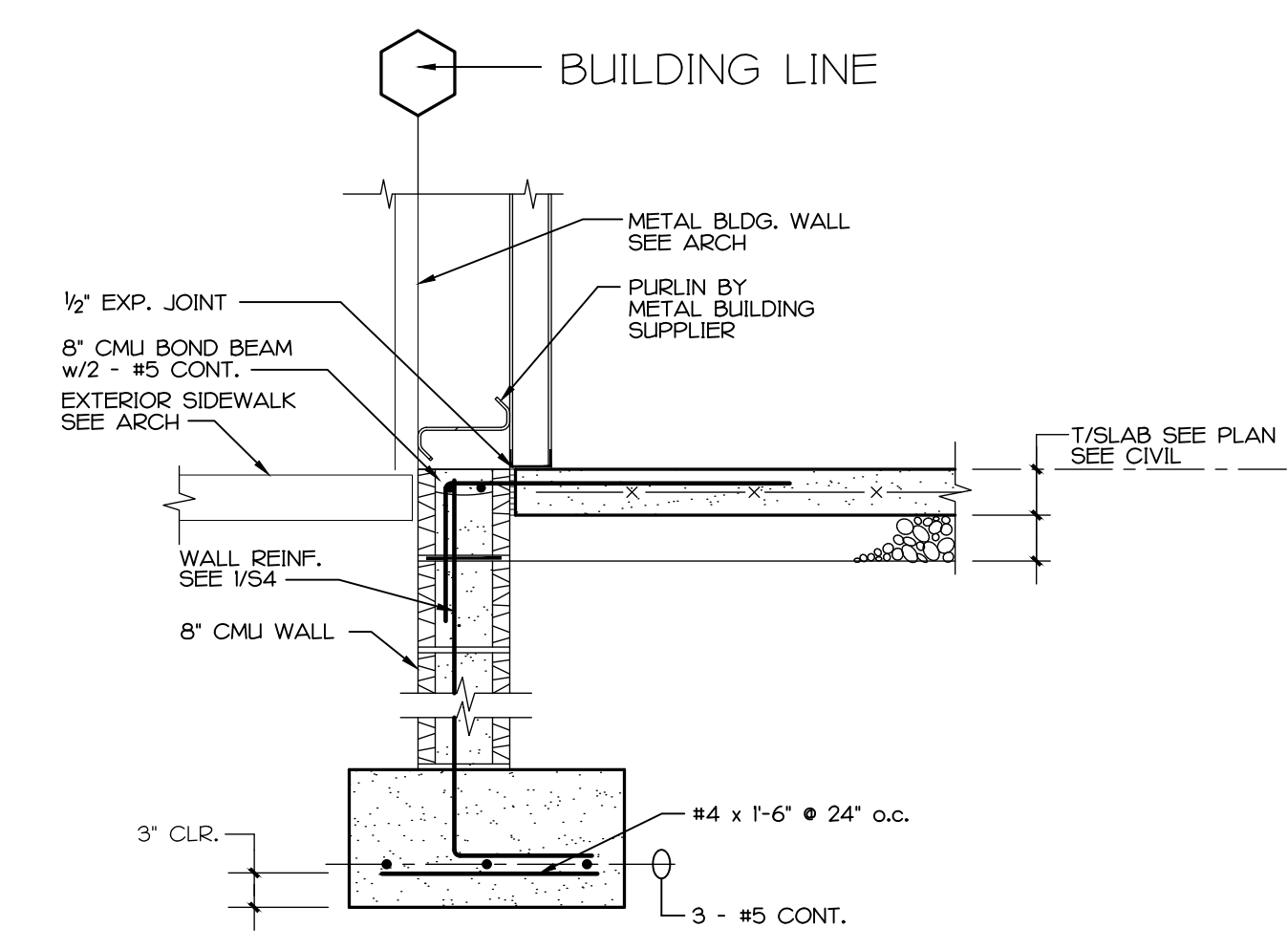
5 SECTION
S4 3/4" x 1'-0"



6 SECTION AT BUILDING WALL
S4 3/4" x 1'-0"



7 SECTION AT DUMPSTER PAD
S4 3/4" x 1'-0"

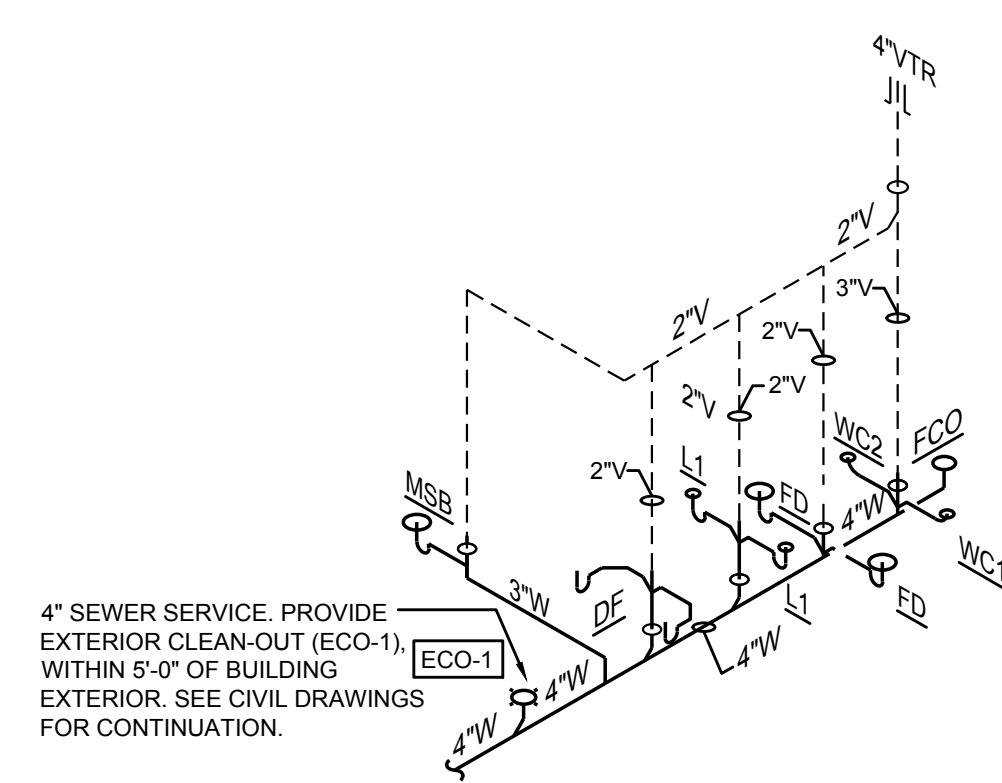


8 SECTION AT BUILDING WALL
S4 3/4" x 1'-0"

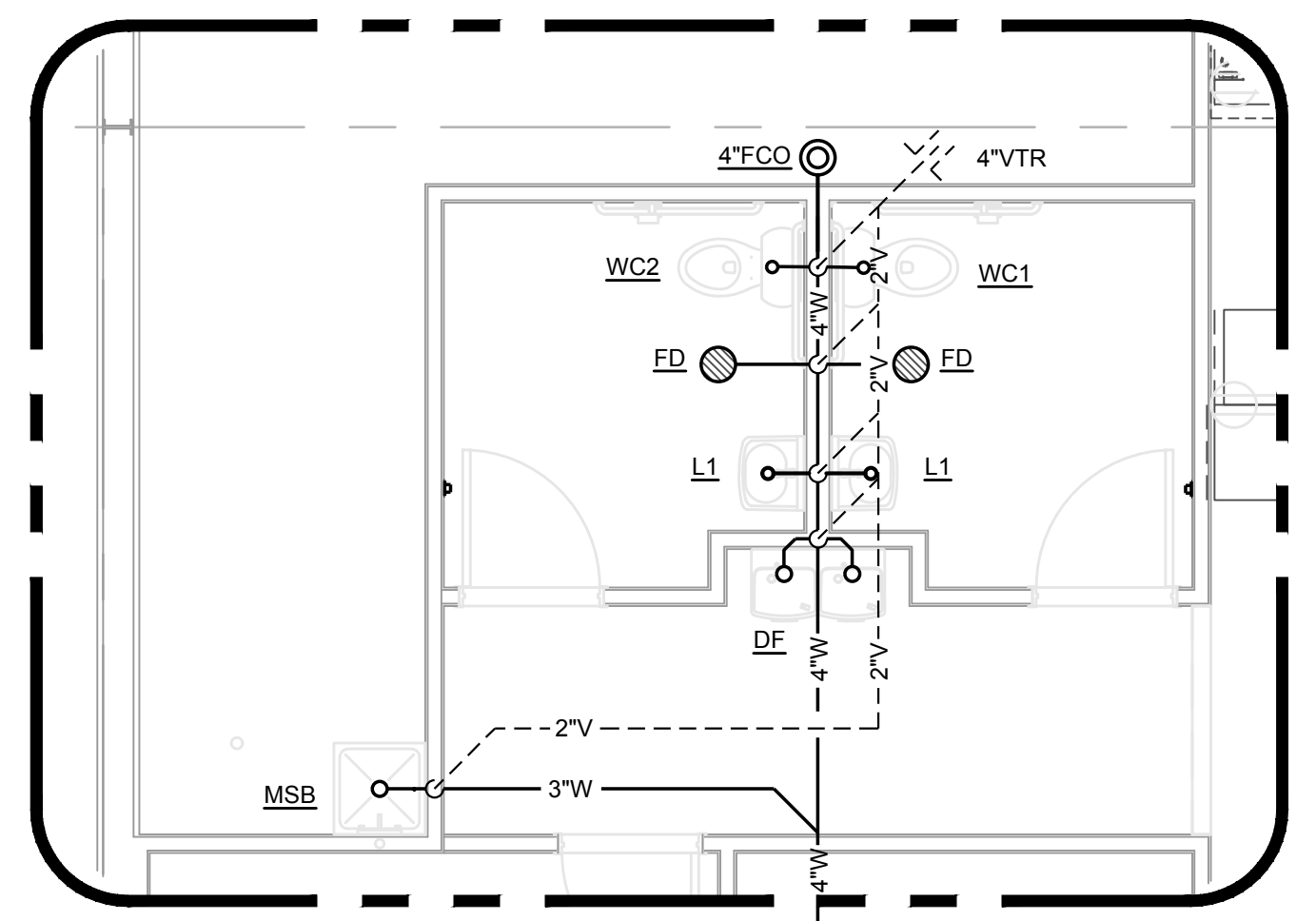
MASONRY (CONT.)

- BOND OF MASONRY UNITS SHALL BE PROVIDED BY LAPPING UNITS IN ALTERNATE COURSES OR BY EQUIVALENT MECHANICAL ANCHORAGE WHEN UNITS ARE LAID IN STACK BOND.
- ALL MORTAR FINS OR OTHER OBSTRUCTIONS OR DEBRIS SHALL BE REMOVED FROM THE INSIDES OF THE WALLS OF THE CELLS TO BE FILLED WITH GROUT. ALL CELLS TO BE FILLED SHALL BE FILLED SOLIDLY WITH GROUT.
- THE MASONRY WALLS SHALL CURE AT LEAST THREE DAYS TO GAIN STRENGTH BEFORE POURING OR PUMPING THE GROUT. GROUT SHALL BE PLACED BY PUMPING OR BY AN APPROVED ALTERNATE METHOD, AND NO MORE THAN 1 1/2 HOURS AFTER WATER HAS BEEN ADDED, THE GC HAS THE OPTION TO GROUT WITH IN 24 HOURS, HOWEVER CARE NEEDS TO BE TAKEN TO NOT HAVE BLOW-OUTS DUE TO 'GREEN MORTAR'. ANY FAILURES WILL BE REBUILT AT THE GC'S COST.
- GROUT SHALL BE PLACED IN LIFTS OF 4 FEET MAXIMUM HEIGHT, AND SHALL BE CONSOLIDATED AT TIME OF PLACEMENT BY MECHANICAL VIBRATION, FOLLOWED BY RECONSOLIDATION LATER, BEFORE PLASTICITY IS LOST. WHEN TOTAL GROUT POUR IS TO EXCEED 6 FT. HIGH, IT SHALL BE DONE IN 4 FEET LIFTS. GROUT POURS AND REBAR LENGTHS SHALL BE COORDINATED BY THE GENERAL CONTRACTOR AND CLEARLY SHOWN ON THE REBAR PLACEMENT SHOP DRAWINGS.
- WHEN GROUTING IS TO BE STOPPED FOR ONE HOUR OR LONGER BETWEEN LIFTS, HORIZONTAL CONSTRUCTION JOINTS SHALL BE FORMED BY STOPPING THE POUR 1" BELOW THE TOP OF THE UPPERMOST LIFT.
- REINFORCED MASONRY SHALL CONFORM TO ACI/ASCE 530. REINFORCING SHALL BE PLACED AS SHOWN ON THE STRUCTURAL DRAWINGS AND TIED INTO POSITION BEFORE GROUTING OF CELLS.
- CONTRACTOR TO NOTIFY ARCHITECT A MINIMUM OF THREE DAYS BEFORE GROUTING CELLS OF REINFORCED MASONRY.
- GROUT POUR:**
TOTAL HEIGHT OF MASONRY TO BE GROUTED PRIOR TO ERECTION OF ADDITIONAL MASONRY. A GROUT POUR CAN CONSIST OF ONE OR MORE GROUT LIFTS.
GROUT LIFT:
AN INCREMENT OF GROUT HEIGHT WITHIN A TOTAL GROUT POUR
- PLACE GROUT WITHIN 1 1/2 HOURS OF MIXTURE WITH WATER.
- PLACE GROUT IN LIFTS NOT TO EXCEED 4'-0".
- CONSOLIDATE GROUT AT TIME OF PLACEMENT BY VIBRATION OR RODDING.
- CONTROL/MOVEMENT JOINTS**
1. EXPANSION AND CONTROL JOINTS SHALL BE IN ACCORDANCE WITH ASCE 530/ASCE 6 SECTION 2.2.6
2. UNLESS OTHERWISE INDICATED ON THE DRAWINGS, THE FOLLOWING MINIMUM LOCATIONS AND MAXIMUM SPACINGS FOR VERTICAL CONTROL (SHRINKAGE) JOINTS SHALL APPLY. IT IS THE RESPONSIBILITY OF THE ARCHITECT TO SPECIFY LOCATION OF CONTROL/MOVEMENT JOINTS.
A. AT 26 FEET MAXIMUM HORIZONTAL SPACING
B. AT CHANGES IN WALL HEIGHT OR THICKNESS
C. AT CONSTRUCTION JOINTS IN FOUNDATION, ROOF OR FLOORS
D. AT CHASES AND RECESSES FOR PIPING, COLUMNS, FIXTURES, ETC.
E. AT ABUTMENTS OF WALLS AND COLUMNS
F. AT RETURN ANGLES OF 'T' OR 'U' SHAPED STRUCTURES
G. AT ONE OR BOTH SIDES OF WALL OPENINGS
3. ALL BOND BEAM HORIZONTAL REINFORCEMENT SHALL BE CONTINUOUS THROUGH VERTICAL CONTROL/MOVEMENT JOINTS.

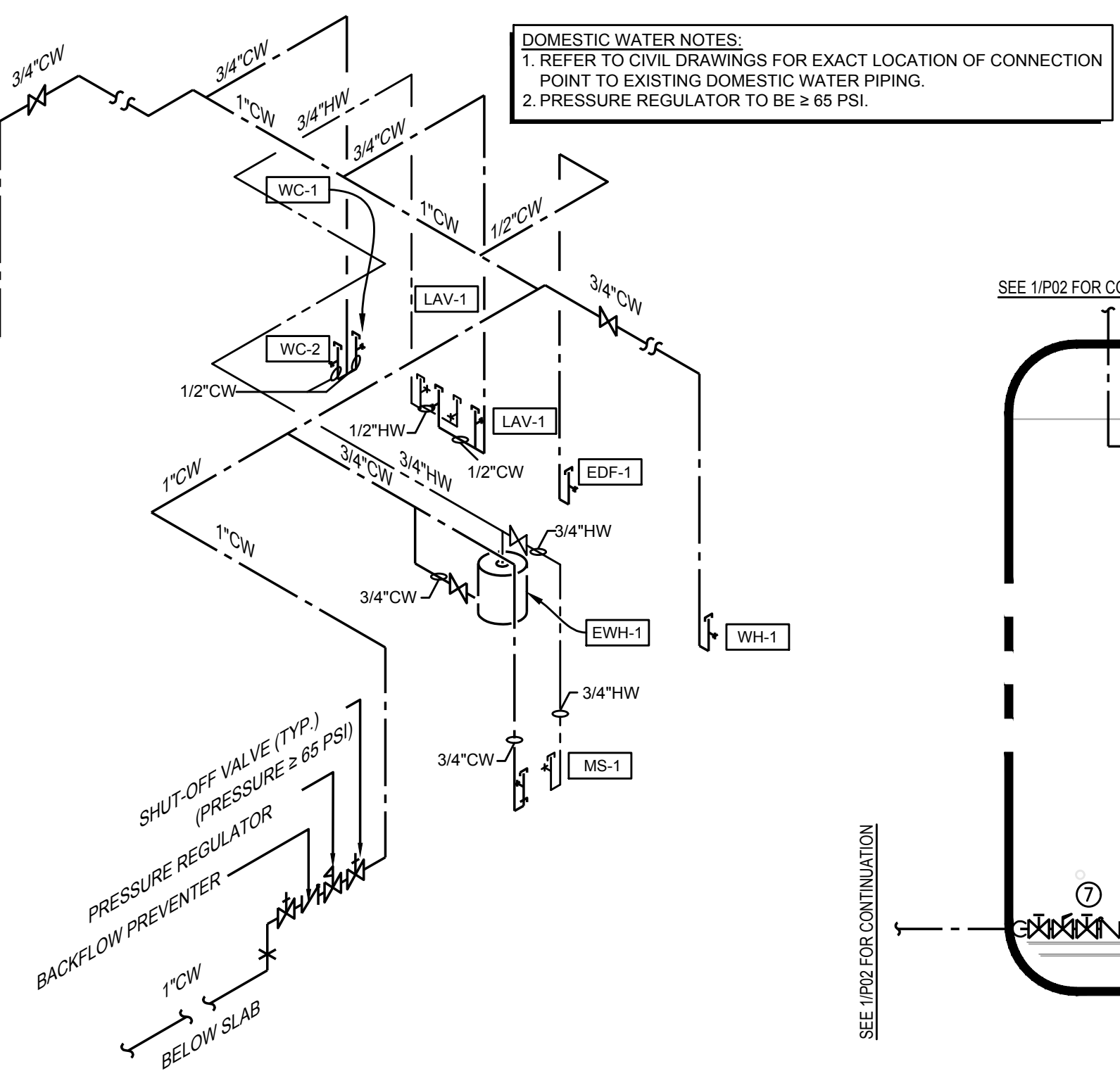
SANITARY SEWER NOTES:
 1. EWH-1 TO DRAIN INTO MOP SINK (MS-1)
 2. REFER TO SHEET P01 FOR ADDITIONAL INFORMATION.



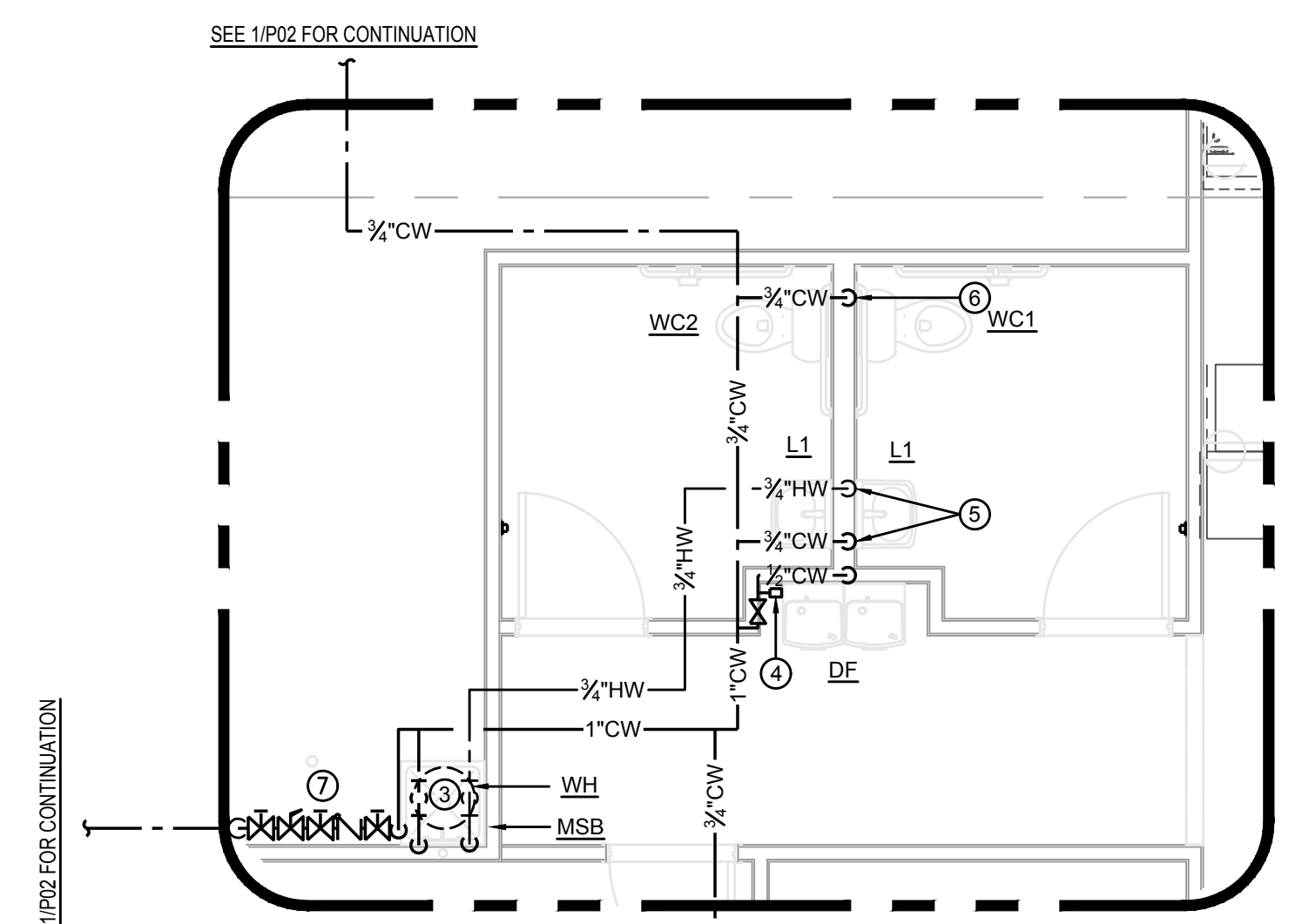
5 SANITARY WASTE RISER DIAGRAM
 P02 SCALE: NONE



4 ENLARGED SANITARY WASTE PLAN
 P02 SCALE: 1/4" = 1'-0"



3 DOMESTIC WATER RISER DIAGRAM
 P02 SCALE: NONE

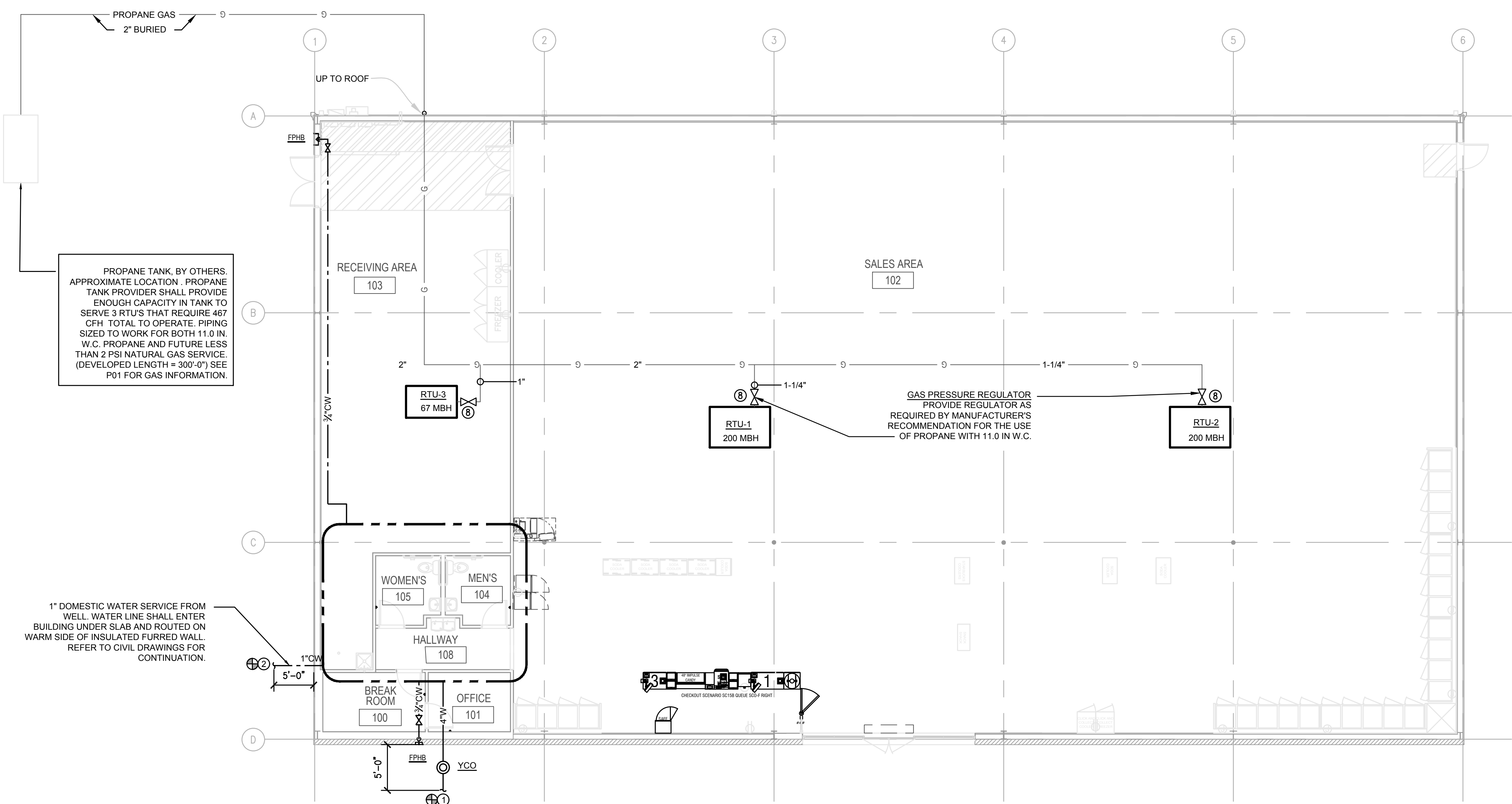


2 ENLARGED DOMESTIC WATER PLAN
 P02 SCALE: 1/4" = 1'-0"

PLUMBING LEGEND	
	DOMESTIC COLD WATER PIPING
	110°F DOMESTIC HOT WATER PIPING
	VENT PIPING
	WASTE (SANITARY SEWER)
	GAS PIPING
	SHUT-OFF VALVE
	BALANCING VALVE
	CHECK VALVE
	PIPE UP
	PIPE DOWN
	CLEANOUT
	2-WAY CLEANOUT
	SHOCK ARRESTOR
	FIXTURE DESIGNATION
	ABOVE FINISHED FLOOR
	PLUMBING SUB-CONTRACTOR
	GENERAL CONTRACTOR
	MECHANICAL SUB-CONTRACTOR
	ELECTRICAL SUB-CONTRACTOR
	FLOOR CLEAN OUT
	WALL CLEAN OUT
	YARD CLEAN OUT
	FREEZE PROOF HOSE BIBB
	FLOOR DRAIN
	COLD WATER
	HOT WATER
	CONNECT NEW TO EXISTING

NOT ALL SYMBOLS/ABBREVIATION FROM THIS LEGEND WILL APPEAR IN DRAWING.

PLUMBING NEW WORK NOTES	
1	NEW 4" WASTE PIPING EXITS BUILDING AT THIS APPROXIMATE LOCATION. COORDINATE 4" WASTE TIE-IN WITH CIVIL DRAWINGS. PROVIDE 2-WAY EXTERIOR CLEANOUT WITHIN 6' FROM BUILDING'S EXTERIOR. INVERT = -3.5' BFF.
2	1" DOMESTIC WATER SERVICE AND METER. SEE WATER DIAGRAM FOR PIPE ROUTING. WATER LINE SHALL BE ROUTED ON WARM SIDE OF INSULATED FURRED WALL. SEE CIVIL DRAWINGS FOR CONTINUATION.
3	NEW WATER HEATER EWH-1 TO BE MOUNTED ON SHELF @ 7'-6" A.F.F. 3/4" CW IN, 3/4" HW OUT. 1" DRAIN PIPED DOWN TO MOPSINK BELOW. SEE DETAILS.
4	PROVIDE SHOCK ARRESTOR AT THIS LOCATION OR IN A LOCATION NEAR ADJACENT LAY-IN CEILING.
5	NEW 3/4" CW & 3/4" HW PIPING SHALL BE PIPED DOWN IN WALL AND SHALL PROVIDE A 1/2" CW & 1/2" HW CONNECTION TO BOTH BACK TO BACK LAVATORIES AT THIS LOCATION. (HW ON LEFT, CW ON RIGHT).
6	NEW 3/4" CW PIPING SHALL BE PIPED DOWN IN WALL AND SHALL PROVIDE A 1/2" CW CONNECTION TO BOTH BACK TO BACK WATER CLOSETS AT THIS LOCATION.
7	INSTALL SHUT-OFF VALVE, BACK FLOW PREVENTER COMPLIANT WITH LOCAL JURISDICTION AND PRESSURE REGULATOR IF INCOMING PRESSURE EXCEEDS 65PSI. COORDINATE LOCATION FOR DEVICES TO BE INSTALLED WITH ARCHITECT.
8	PC SHALL VERIFY EXACT LOCATION OF GAS CONNECTION PRIOR TO INSTALLING ANY GAS PIPING. PROVIDE DIELECTRIC UNION, VALVE, AND DRIP LEG AS REQUIRED AT EACH UNIT.



1 PLUMBING PLAN
 P02 SCALE: 1/8" = 1'-0"

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Professional Certification, I certify that these documents were prepared or approved by me, and that I am a duly licensed engineer under the laws of the State of Maryland.
 License Number 35735
 Expiration Date 7/16/2022

#	DATE	REVISION

DOLLAR GENERAL #24134
 ALLEGANY COUNTY MD
 FLINTSTONE, MARYLAND

DOLLAR GENERAL
 SHEET TITLE
 PLUMBING PLAN AND NOTES

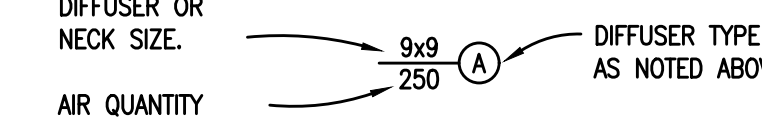
GEORGE W AUSTIN JR, PE
 908 Applegate Parkway
 Wanhaw, NC 28173
 (P) 704.618.1959
 SEC # 22-086

SPI Client	DATE
22116	3-18-22

SHEET NUMBER
P02

DIFFUSER SCHEDULE											
SYMBOL	CFM	NECK SIZE	MODULE SIZE	FRAME TYPE	PATTERN	DAMPER	MATERIAL	SERVICE	FINISH	MANUFACTURER & MODEL No.	NOTES
(A)	AS NOTED	AS NOTED	AS NOTED	SEE PLANS	LOUVER	YES	ALUMINUM	SUPPLY	NOTE 2	TITUS TDC	1
(B)	AS NOTED	AS NOTED	AS NOTED	SURFACE	DBL DEFL.	YES	ALUMINUM	SUPPLY	NOTE 2	TITUS 300	1
(C)	AS NOTED	AS NOTED	AS NOTED	SURFACE	LOUVER	NO	ALUMINUM	RETURN	NOTE 2	TITUS 350ZFL	1
(D)	AS NOTED	BY MANUFACTURER	BY MANUFACTURER	BY MANUFACTURER	CONCENTRIC	BY MANUFACTURER	BY MANUFACTURER	SUPPLY/RETURN	NOTE 2	SEE NOTE 3	1 3

NOTES:

- DIFFUSER DESIGNATIONS ON PLANS AS FOLLOWS:

- COORDINATE FINISH TO MATCH OR BE ABLE TO MATCH ITS SURROUNDINGS. COORDINATE COLOR WITH ARCHITECT/OWNER.
- PROVIDE CONCENTRIC DIFFUSER KIT AS SPECIFIED BY DOLLAR GENERAL NATIONAL ACCOUNTS HVAC MANUFACTURER CARRIER. (NO EXCEPTIONS PERMITTED) CONCENTRIC DIFFUSER KIT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS. CONCENTRIC DIFFUSER SHALL BE HARD DUCTED FROM HVAC UNIT. THE USE OF FLEXIBLE DUCT DROPS ARE NOT ALLOWED. NO EXCEPTIONS.

PACKAGED DX COOLING GAS HEATING ROOFTOP UNIT SCHEDULE																				
UNIT NO.	NOMINAL TONS COOLING	AREA SERVED	SUPPLY - FAN DATA					HEATING CAPACITY				COOLING CAPACITY			ELECTRICAL DATA			WEIGHT (LBS.)	MANUFACTURER & MODEL	NOTES
			TOTAL CFM	O/A CFM	EXT. S.P. (IN.WG)	FAN RPM	MOTOR H.P.	INPUT MBH	OUTPUT MBH	TOTAL MBH	SENSIBLE MBH	EAT DB/WB	MINIMUM SEER/EER	VOLT/PH	MCA	MCCP				
RTU-1, 2	10	SEE PLANS	4000	SEE SCHEDULE	0.6	BY MFG	3.0	200	160	124	96	80/67	11.2 EER	208/3/60	53	60	1100	CARRIER 48TCFD12A2A5	1-6	
RTU-3	3	SEE PLANS	1200	SEE M2	0.5	BY MFG	0.5	67	54	37.07	25.40	80/67	14.0 SEER	208/3/60	22	30	522	CARRIER 48FCDAD4A3A5	1-6	

NOTES:

- PROVIDE WITH FACTORY MOUNTED NON-POWERED GCFI OUTLET.
- PROVIDE WITH THROUGH THE BASE GAS AND ELECTRIC.
- INSULATED ROOF CURB MUST BE PURCHASED THROUGH THE ROOF MANUFACTURER, COORDINATE WITH DOLLAR GENERAL REPRESENTATIVE.
- FACTORY INSTALLED: THRU-THE-BASE CONNECTIONS, BELT DRIVE BLOWER
- FACTORY FURNISHED FOR FIELD INSTALLATION: ECONOMIZER WITH BAROMETRIC RELIEF FOR RTU-1 AND 2, MANUAL OUTSIDE AIR DAMPER WITH LOCKING QUADRANT FOR RTU-3, DUAL ENTHALPY SENSOR, CONCENTRIC DIFFUSER KIT, SUPPLY AND RETURN AIR SMOKE DETECTORS.
- PROVIDE WITH PROPANE GAS CONVERSION KIT.

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BOB.ECKWEILER@CARRIER.COM

FAN SCHEDULE													
UNIT DESIG.	SERVICE	AREA SERVED	MANUFACTURER & MODEL #	FAN TYPE & ARRANGEMENT	CFM	S.P.	RPM	MOTOR FLA	DRIVE TYPE	ELECTRICAL DATA		CONTROL SCHEME NOTE	ACCESSORIES NOTES
										HP/WATTS	VOLT/PH		
EF-1,2	EXHAUST	TOILETS	GREENHECK SP-80-VG	CEILING MNTD FAN	75	0.375"	BY MFG	SEE MANF.	DIRECT	6.1W	115/1#	A	SEE BELOW

NOTES:

- SCREEN
- BACKDRAFT DAMPER
- UL RATED
- INTEGRAL DISCONNECT SWITCH
- PROVIDE WITH SPEED CONTROLLER

CONTROL:

A. INTERLOCK WITH LIGHTS (MOTION SENSOR BY EMS)

L-1 - 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 L-1 WITH: ① ② ③

ACCESSORIES: ① INSECT SCREEN ② KYMAR FINISH ③ COLOR AS DIRECTED BY ARCHITECT

AIR DOOR SCHEDULE									
MARK	CFM	VELOCITY MAX	FLA (SINGLE PHASE)	HP	AREA SERVED	MODEL	MANUFACTURER	VOLTAGE/PHASE	REMARKS
AD-1	2758	5960	10.2	1/2	SEE PLANS	NQP1072-2UA-AL	MARS AIR SYSTEMS	115V/1PH/60HZ	1,2

NOTES:

- FACTORY PROVIDED, WIRED AND UNIT MOUNTED SPEED CONTROLLER LOCATED ON BOTTOM.
- FACTORY PROVIDED MAGNETIC DOOR CONTACT WITH FACTORY INSTALLED LOW VOLTAGE CONTROLS LOCATED IN AIR DOOR CABINET.

MECHANICAL GENERAL NOTES

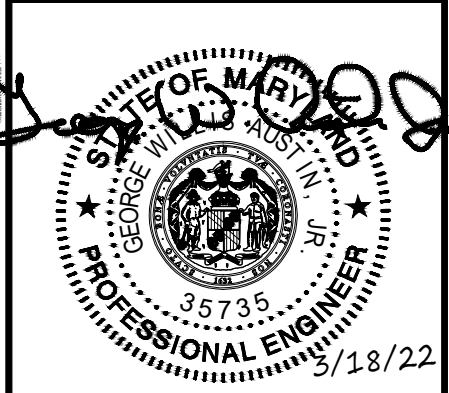
- FURNISH ALL LABOR, MATERIAL AND EQUIPMENT REQUIRED FOR THE COMPLETE INSTALLATION AND OPERATION OF ALL SYSTEMS IN THIS SECTION OF WORK IN ACCORDANCE WITH RECOMMENDED PRACTICE AND ALL APPLICABLE CODES.
- DO NOT SCALE DRAWINGS. SEE ARCHITECTURAL DRAWINGS & REFLECTED CEILING PLANS FOR EXACT LOCATION OF 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.
- CONTRACTOR IS RESPONSIBLE FOR PROVIDING MATERIALS AND INSTALLING THE WORK IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND NATIONAL CODES.
- DUCTWORK
 - ALL SUPPLY AND EXHAUST AIR DUCTWORK SHALL BE CONSTRUCTED OF ROUND GALVANIZED SHEET METAL AND FABRICATED ACCORDING TO THE LATEST EDITION OF SMACNA STANDARDS WITH A MINIMUM PRESSURE CLASSIFICATION OF 2", SEAL CLASS C, WITH A MAXIMUM LEAKAGE RATE OF 5%.
 - ALL DUCT DIMENSIONS SHOWN ARE INTERIOR CLEAR 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 OF U.L. 181 FOR CLASS 1 FLEXIBLE AIR DUCTS. MAXIMUM LENGTH OF FLEXIBLE DUCT SHALL BE 5 FEET. "R" VALUE TO MEET/EXCEED ENERGY CODE (R=6)
 - ALL SHEET METAL DUCTWORK WITHIN 10' OF THE AIR HANDLING UNIT SHALL BE LINED WITH DUCT LINER. ALL REMAINING SUPPLY, OUTSIDE AIR AND EXTERIOR DUCTS SHALL BE EITHER INTERNALLY LINED OR EXTERNALLY INSULATED WITH DUCT WRAP. PROVIDE AN ADDITIONAL 1-1/2" OF DUCT WRAP AND AN ALUMINUM JACKET FOR ALL EXTERIOR DUCT.
 - ALL DUCT INSULATION SHALL BE RUN CONTINUOUSLY THROUGH FLOORS AND PARTITIONS.
- PIPING
 - CONDENSATE 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 PER 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 8'-0" ABOVE FINISHED FLOOR. FURNISH A THERMOSTAT FOR EVERY DEVICE REQUIRING ONE WHETHER SHOWN ON DRAWINGS OR NOT.
- ALL EQUIPMENT SHALL BE INSTALLED PER CODE & MANUFACTURER'S 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 REPORT IN ACCORDANCE WITH NEBB OR ABC STANDARDS.
- ALL CONTROL WIRING SHALL BE BY MECHANICAL CONTRACTOR.
- DUCT SMOKE DETECTORS SHALL BE INSTALLED IN THE SUPPLY AND RETURN AIR DUCT OR 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 LOCATION.
 * IF THERE IS NOT A FIRE ALARM SYSTEM: DETECTORS SHALL BE FURNISHED AND WIRED AND INSTALLED BY THE MECHANICAL CONTRACTOR. ACTIVATION OF A DUCT SMOKE DETECTORS 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 DUCT WHERE REQ'D WITH MAX. 45° ELBOWS. MAKE BRANCH TAPS OFF TOP, SIDES OR BOTTOM AS REQ'D. NO BACK TO BACK 90° ELBOWS ALLOWED.
- ALL EQUIPMENT SHALL BE LABELED ACCORDING TO NUMBERING / IDENTIFICATION SYSTEM PER PLANS.

MECHANICAL DRAWING INDEX

- M01 MECHANICAL NOTES AND SCHEDULES
- M02 MECHANICAL PLAN AND NOTES
- M03 MECHANICAL DETAILS
- EMS1 EMS LOW VOLTAGE PLAN

SP

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DOLLAR GENERAL #24134
 ALLEGANY COUNTY MD
 FLINTSTONE, MARYLAND

DOLLAR GENERAL

SHEET TITLE
MECHANICAL NOTES AND SCHEDULES

SPI Client	DATE
22116	3-18-22

SHEET NUMBER
M01

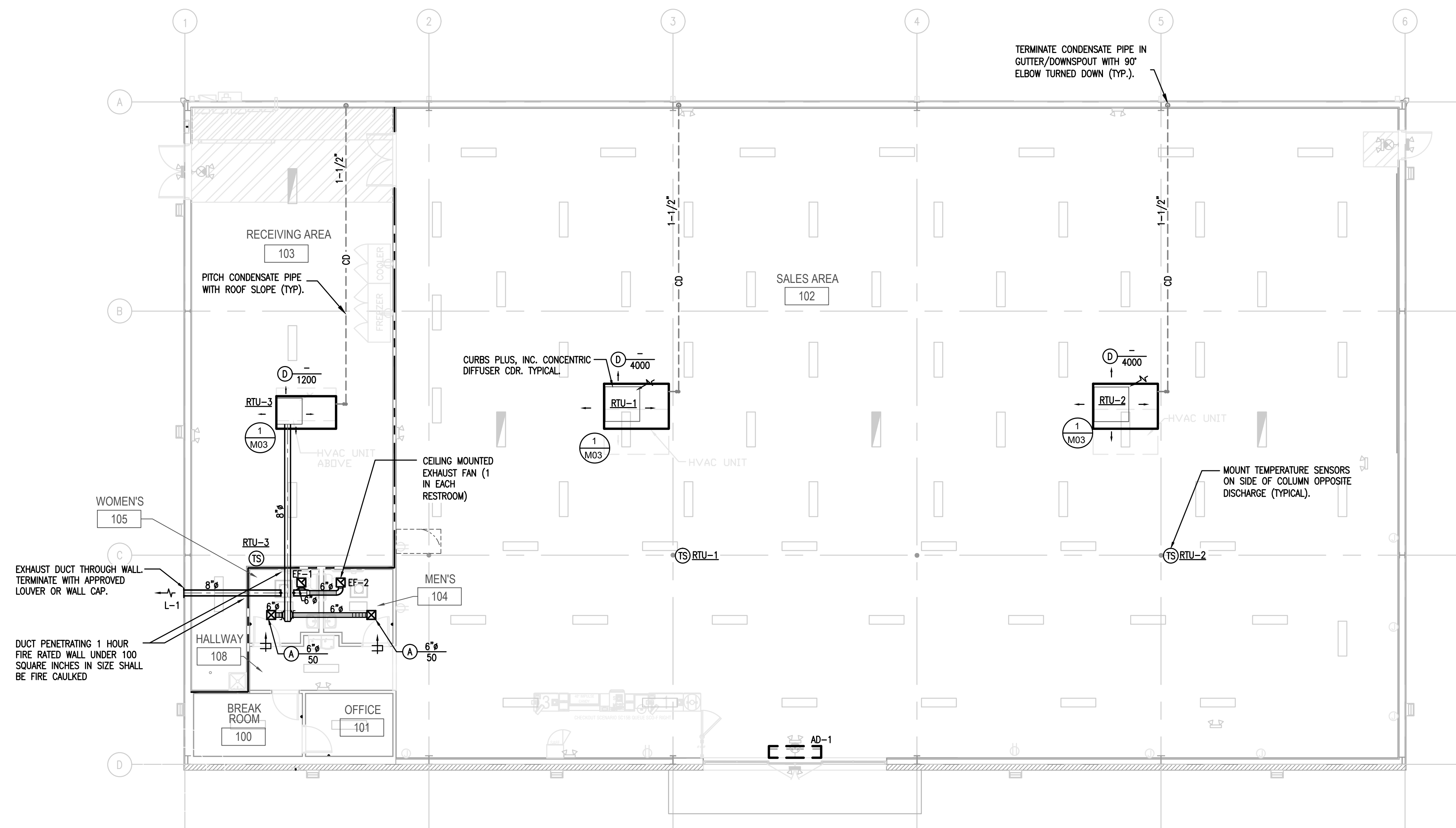

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TABLE 403.3 OA REQUIREMENTS

ROOM	AREA (SF)	AREA RATE	AREA CFM	PEOPLE CALCULATION BASIS	NO. OF PEOPLE	PEOPLE RATE	PEOPLE CFM	REQUIRED CFM
SALES	8478	0.12 CFM/SF	1017	15 P / 1000 SF	127	7.5 CFM / P	952	1969
STORAGE	1315	0.12 CFM/SF	158	-	-	-	-	158
CORRIDOR / UTILITY	84	0.06 CFM/SF	5	-	-	-	-	5
OFFICE	73	0.06 CFM/SF	4	5 P / 1000 SF	1	5 CFM / P	5	9
BREAK ROOM	90	0.06 CFM/SF	5	50 P / 1000 SF	5	5 CFM / P	25	30

TOTAL OUTSIDE AIR REQUIRED = 2171 CFM
 MECHANICAL CONTRACTOR TO ADJUST OUTSIDE AIR QUANTITIES PER THE FOLLOWING SCHEDULE:
 RTU-1 = 985 CFM
 RTU-2 = 985 CFM
 RTU-3 = 205 CFM
 TOTAL OUTSIDE AIR PROVIDED = 2175 CFM

MECHANICAL LEGEND	
	CEILING SUPPLY AIR DIFFUSER
	CEILING RETURN AIR DIFFUSER
	CEILING EXHAUST FAN
	TEMPERATURE SENSOR MTD. Ø 8'-0" A.F.F. REFER TO EMS1
	NEW ROUND METAL DUCT
	NEW ROUND FLEX DUCT
	V.D. VOLUME DAMPER
	MANUAL DUCT DAMPER
	RTU ROOF TOP UNIT
	CFM CUBIC FEET PER MINUTE
	AFF ABOVE FINISHED FLOOR
	EER ENERGY EFFICIENCY RATIO
	SP STATIC PRESSURE
	DOOR UNDER CUT 3/4"
	BDD BACK DRAFT DAMPER
	DUCT SMOKE DETECTOR
	CONDENSATE PIPE



1 MECHANICAL PLAN
 M02 SCALE: 1/8" = 1'-0"

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DOLLAR GENERAL
 SHEET TITLE
 MECHANICAL PLAN AND NOTES

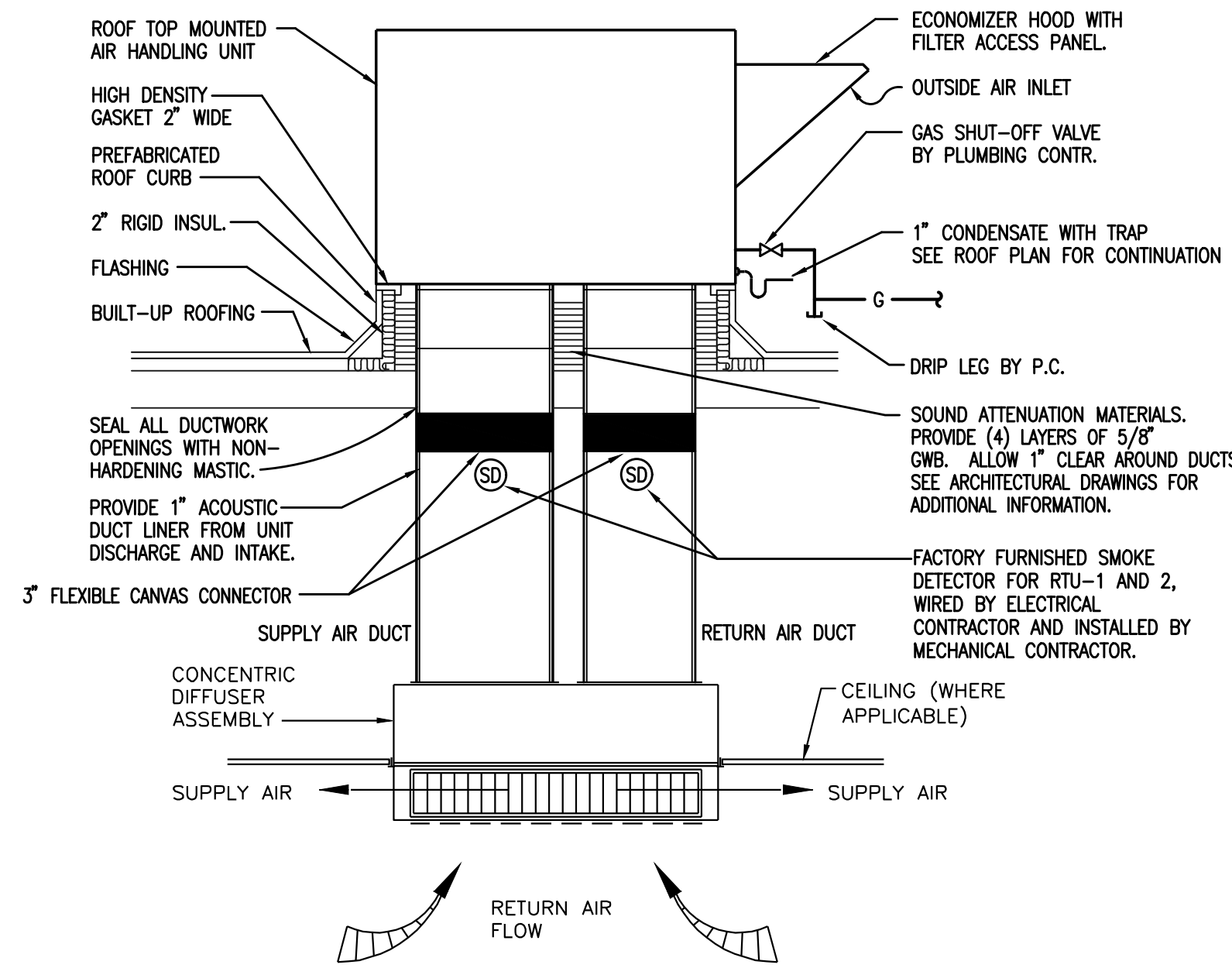
SPI Client	DATE
22116	3-18-22

SHEET NUMBER
M02

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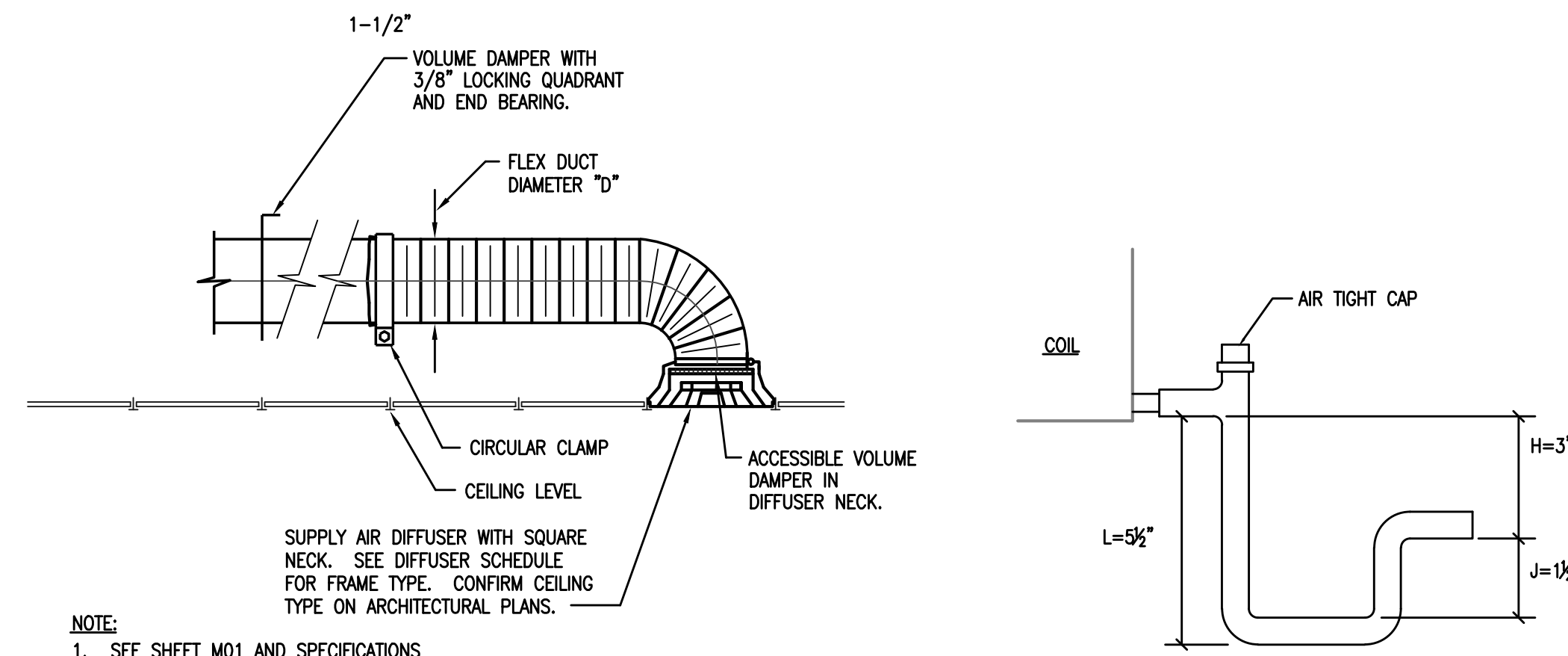
NOTES:

1. PROVIDE OPENING IN ROOF SIZED FOR SUPPLY AND RETURN DUCTS. ALL OTHER AREAS UNDER UNIT SHALL HAVE ANGLES AND SHEET METAL ACROSS UNDER UNIT WITH BATT INSULATION FILLING VOID.
2. ROOF CURBS SHALL MATCH SLOPE OF ROOF. NO SHIMMING WILL BE ALLOWED.
3. MOUNT SMOKE DETECTOR A MAXIMUM 4'-0" ABOVE FINISH CEILING.
4. PROVIDE 8" MINIMUM CLEARANCE FROM BOTTOM OF FLASHING TO HIGHEST POINT OF ADJACENT ROOFING.



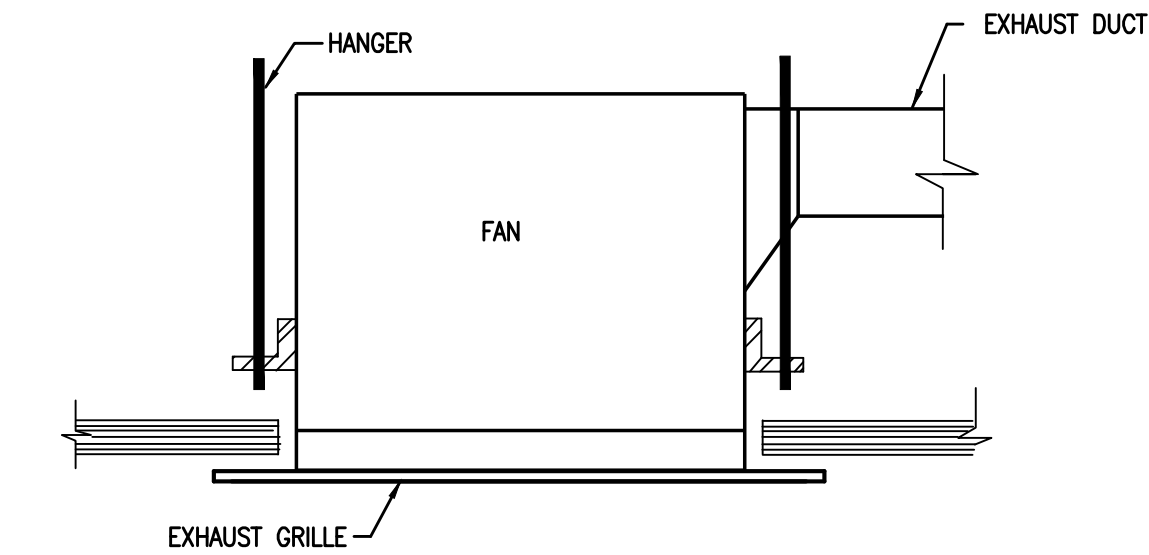
NOTE: FULL SIZE DUCT PER CURB OPENING. INSTALL CONCENTRIC DIFFUSER IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.

1 ROOFTOP MOUNTED UNIT AND CONCENTRIC DIFFUSER DETAIL
M03 NOT TO SCALE

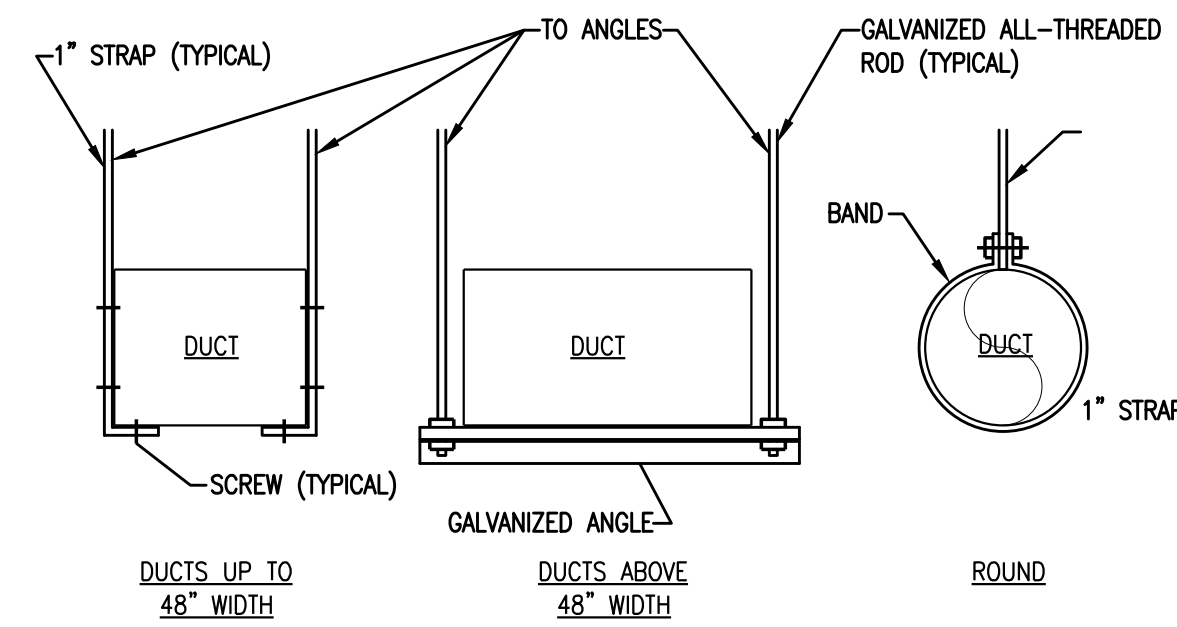


NOTE:
1. SEE SHEET M01 AND SPECIFICATIONS FOR DUCT INSULATION REQUIREMENTS.

2 SUPPLY AIR DIFFUSER DETAIL
M03 NO SCALE

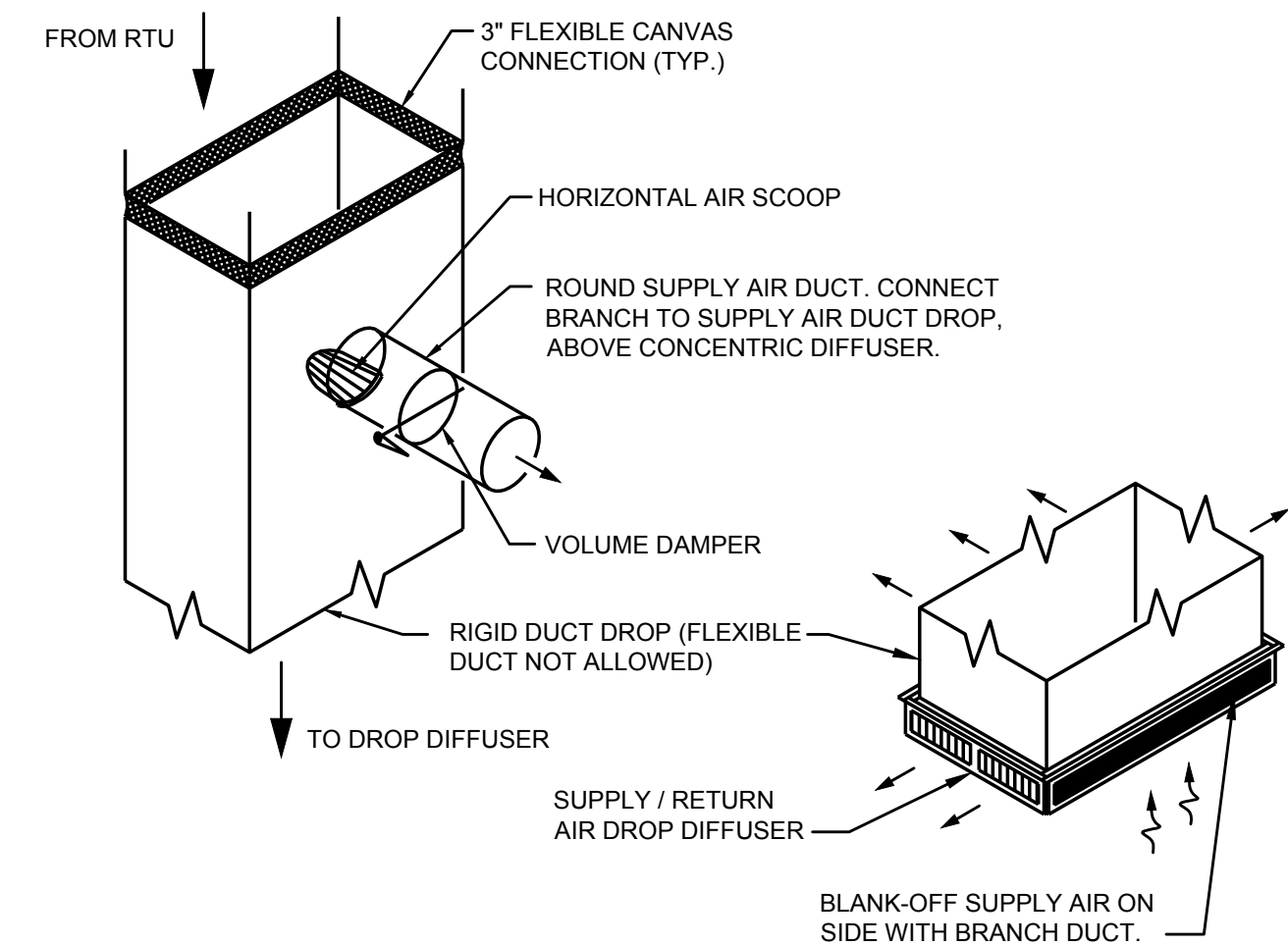


4 CEILING EXHAUST FAN DETAIL
M03 NOT TO SCALE



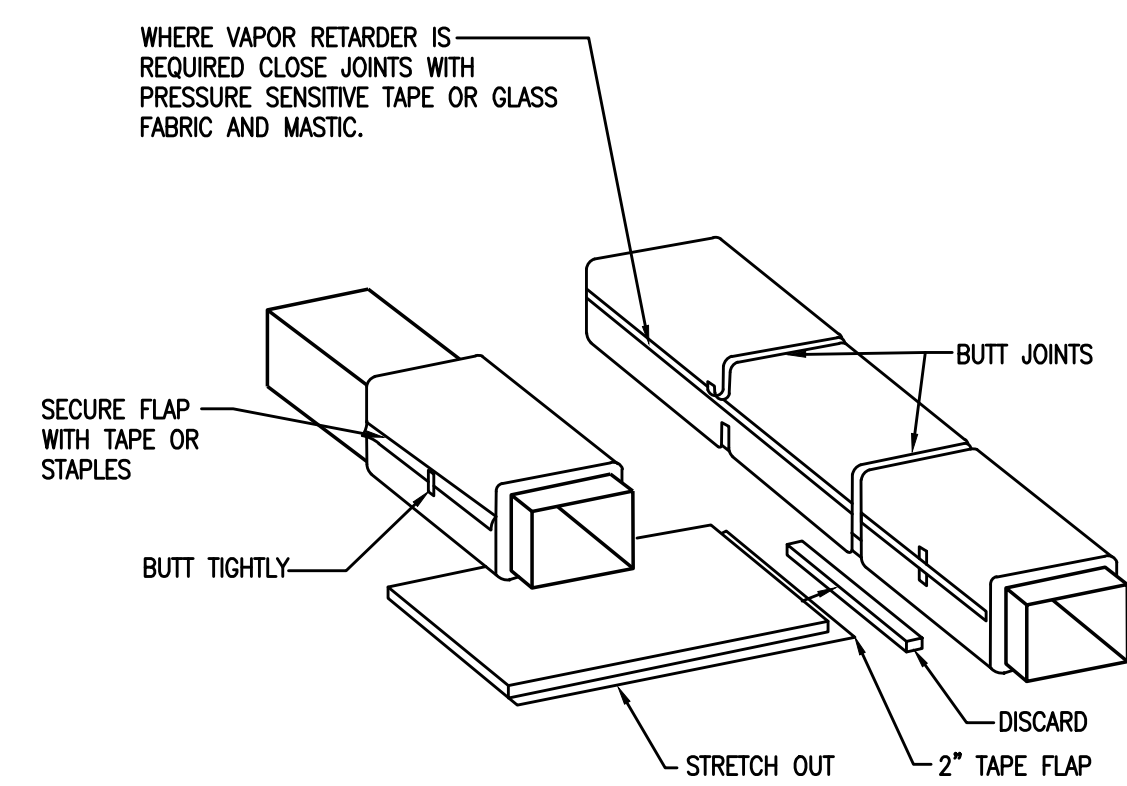
LOW PRESSURE DUCTWORK

5 DUCT SUPPORT STRAP HANGERS
M03 NOT TO SCALE



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.

6 SUPPLY BRANCH CONNECTION
M03 NOT TO SCALE

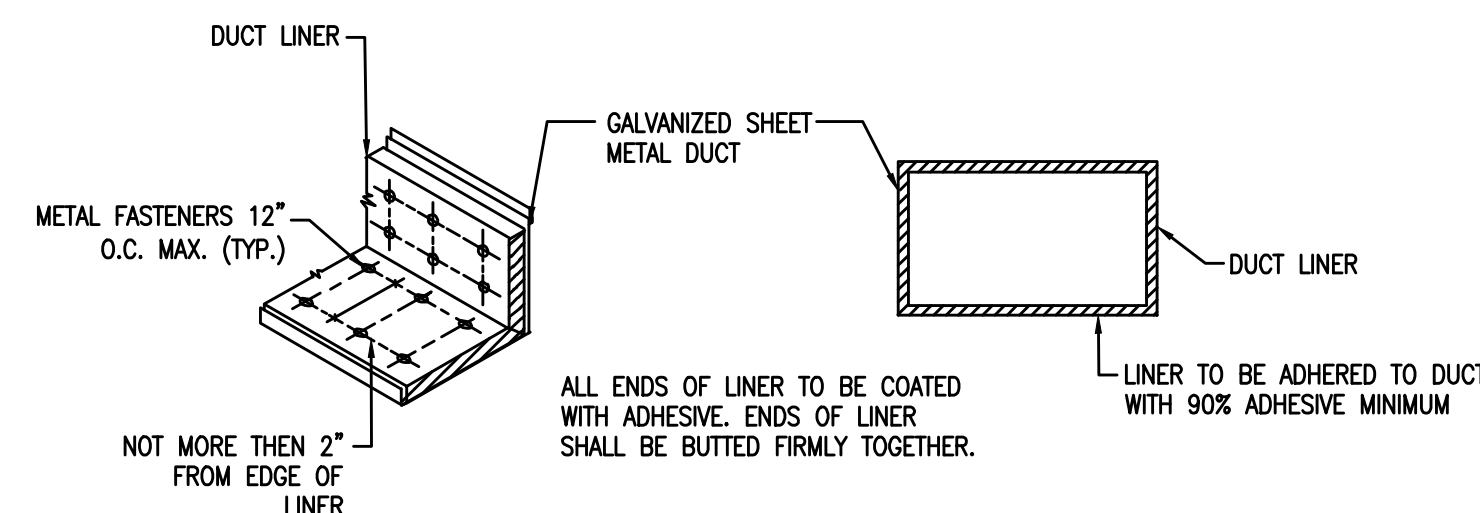


NOTES:

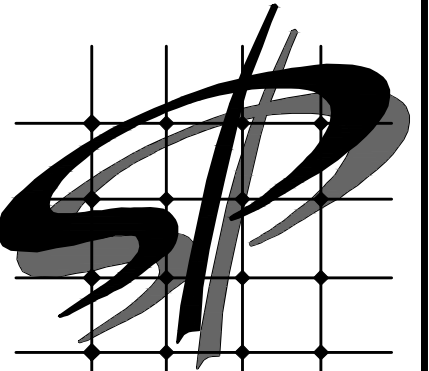
1. INSULATION SHALL BE FIRMLY BUTTED AT ALL JOINTS WITH A MAXIMUM ALLOWABLE COMPRESSION OF 25%.
2. ALL SEAMS SHALL OVERLAP A MINIMUM OF 2" AND BE STAPLED APPROXIMATELY 6" ON CENTER WITH OUTWARD CLINCHING STAPLES. THESE SEAMS SHOULD BE FINISHED WITH COMPAC #120 PRESSURE SENSITIVE FOIL TAPE OR GLASS FABRIC AND VAPOR RETARDANT MASTIC.
3. PRESSURE SENSITIVE TAPES AND GLASS CLOTH SHALL BE A MINIMUM 3" WIDE.
4. DO NOT USE A BONDING ADHESIVE TO ATTACH THE DUCT WRAP TO THE DUCT.
5. FOR RECTANGULAR DUCTS OVER 24" WIDE, DUCT WRAP SHALL BE ADDITIONALLY SECURED TO THE BOTTOM OF THE DUCTWORK WITH MECHANICAL FASTENERS ON 18" CENTERS TO REDUCE SAGGING. WASHERS SHALL BE APPLIED WITHOUT COMPRESSING THE INSULATION.
6. ON DUCTS CONVEYING COOL AIR, ALL SEAMS, JOINTS, PENETRATIONS, AND DAMAGE TO THE FACING SHALL BE SEALED WITH VAPOR RETARDANT MASTIC OR PRESSURE SENSITIVE TAPES THAT HAVE MATERIAL SIMILAR TO THE FACING.
7. DO NOT PIN THE SIDES OR TOP OF THE DUCTWORK REGARDLESS OF THE SIZE OF THE DUCT. DO NOT USE WIRE TO SECURE THE WRAP TO THE DUCTWORK.

7 DUCT WRAP
M03 NO SCALE

STRETCH OUTS				
LABELED THICKNESS	INSTALLED COMPRESSED THICKNESS	ROUND	SQUARE	RECTANGULAR
1 1/2"	1 1/8"	P+9 1/2"	P+8"	P+7"
2"	1 1/2"	P+12"	P+10"	P+8"
2 3/16"	1 5/8"	P+13"	P+11"	P+8 1/2"
2 1/2"	1 7/8"	P+14 1/2"	P+12 1/2"	P+9 1/2"
3"	2 1/4"	P+17"	P+14 1/2"	P+11 1/2"



8 DUCT LINER
M03 NO SCALE



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DOLLAR GENERAL

MECHANICAL DETAILS

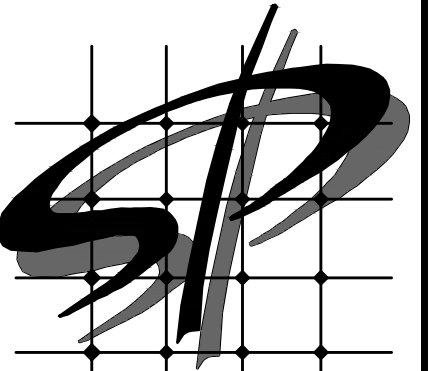
SHEET TITLE

SPI Client	DATE
22116	3-18-22

SHEET NUMBER
M03



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DOLLAR GENERAL

EMS LOW VOLTAGE PLAN

SHEET TITLE

SPI Client	DATE
22116	3-18-22

SHEET NUMBER

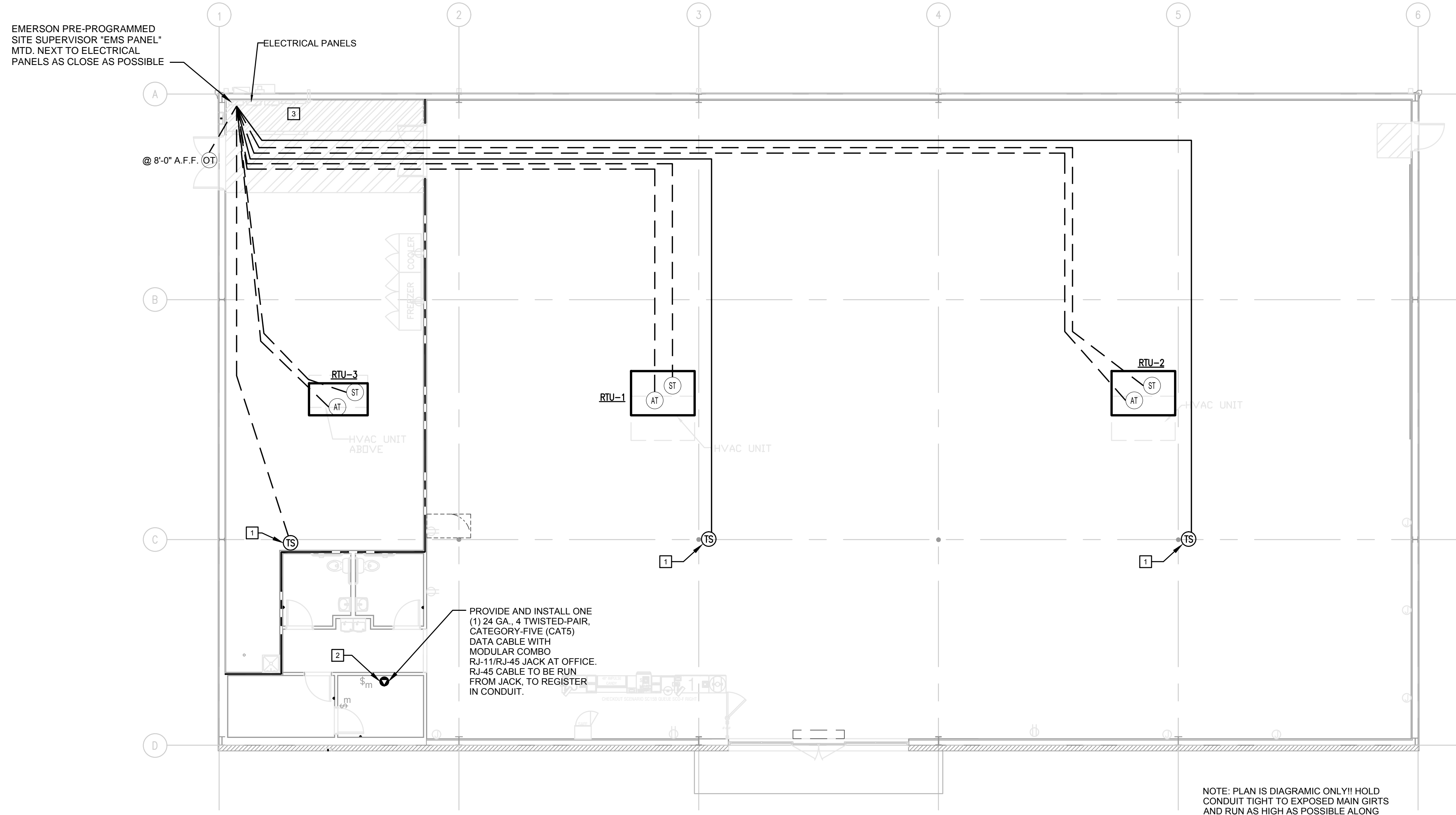
EMS1

GENERAL NOTES

- A. REFER TO E01 FOR GENERAL CONTRACTOR RESPONSIBILITIES. E.C. MAY USE CABLE TRAY FOR LOW VOLTAGE CABLES. SEE 2/E02.
- B. RUN CONDUIT FROM SENSORS TO BOTTOM OF STRUCTURE.
- C. REFRIGERATION UNITS TO BE CONNECTED TO EMS PANEL BY DOLLAR GENERAL REFRIGERATION CONTRACTOR.

SENSOR PLAN KEYED NOTES

- 1. ALWAYS INSTALL THERMOSTATS 8'-0" A.F.F. THE EXACT MOUNTING LOCATION OF THE THERMOSTAT 'TS' MAY VARY DEPENDING ON THE STORE LAYOUT AND DUCT CONFIGURATION. REFER TO SITE SPECIFIC MECHANICAL DRAWINGS FOR HVAC ZONED THERMOSTAT MOUNTING LOCATIONS. IF THERMOSTATS ARE MOUNTED ON EXTERIOR WALLS DUE TO DUCT CONFIGURATION, THEY ARE THEN TO BE INSULATED TO PREVENT AIR INFILTRATION. IF ADDITIONAL HVAC UNITS ARE USED, ADD ADDITIONAL THERMOSTATS 'TS'.
- 2. PHONE LINE #1 - TWO RJ-11 PORTS. ONE (1) LOCATED IN OFFICE W/RJ-45 DATA JACK COMBO AND ONE (1) AT REGISTER. 24 GA. CAT 5, 4-PAIR TWISTED WIRE ONLY. USE BLUE AND BLUE & WHITE WIRES. HOOK TO LINE #1 TERMINAL IN RJ-11 JACK EACH PHONE JACK TO HAVE DEDICATED. SEPARATE HOME RUN TO DMARC. LABEL AS "PHONE" AT THE DESTINATION AND AT DMARC. PHONE COMPANY PROVIDES FINAL HOOK UP TO DMARC ONLY. PHONE LINE #2 - RJ-11 PHONE JACK SUPPLIED AND WIRED BY CONTRACTOR.
- 3. EMS REFRIGERATION PANEL SUPERVISOR. 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.

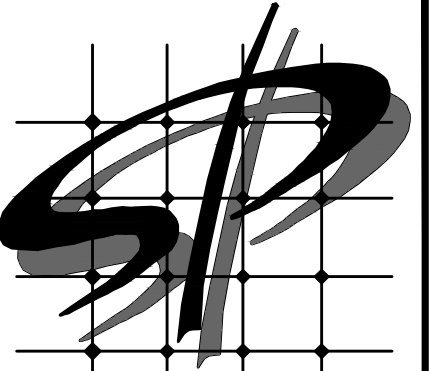


1 EMS LOW VOLTAGE PLAN
EMS1 NOT TO SCALE

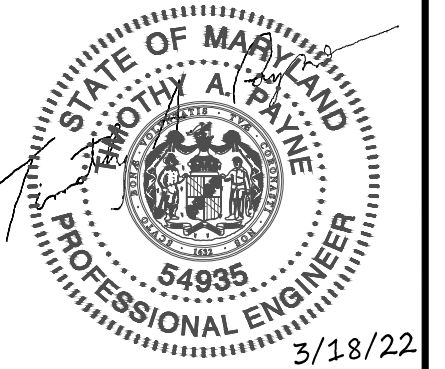
SYMBOL	DESCRIPTION	CABLE TYPE	SUPPLIED BY:	INSTALLED BY:	NOTES
AT	AHU TERMINAL STRIP	8C T-STAT CABLE	EMS SUPPLIER	GENERAL CONTRACTOR	QTY. ONE (1) PER HVAC UNIT.
OT	OUTDOOR AIR TEMP MTD. @ 8'-0" A.F.F.	BELDEN 8761 OR EQUIVALENT (22AWG, 2C, STRANDED, SHIELDED)	EMS SUPPLIER	GENERAL CONTRACTOR	QTY. ONE (1) PER RECEIVING ENTRY.
ST	SUPPLY TEMP (501-1121) MTD. IN SUPPLY DUCT	BELDEN 8761 OR EQUIVALENT (22AWG, 2C, STRANDED, SHIELDED)	EMS SUPPLIER	GENERAL CONTRACTOR	QTY. ONE (1) PER HVAC UNIT.
TS	TEMPERATURE SPACE SENSOR (809-6590) MTD. @ 8'-0" A.F.F.	BELDEN 8761 OR EQUIVALENT (22AWG, 2C, STRANDED, SHIELDED)	EMS SUPPLIER	GENERAL CONTRACTOR	QTY. ONE (1) PER HVAC UNIT ZONE.
○	RJ-11/RJ-45 DATA JACK. PHONE COMBO.	24 GA. 4 TWISTED-PAIR, CATEGORY-FIVE (CAT 5) DATA CABLE.	GENERAL CONTRACTOR	GENERAL CONTRACTOR	QTY. ONE (1) AT OFFICE COMPUTER CART.
\$m	MOTION SENSOR SWITCH.	LEVITON EZ-FIND ODS-10-IDW	GENERAL CONTRACTOR	GENERAL CONTRACTOR	QTY. ONE (1) PER RESTROOM. QTY. ONE (1) PER BREAK ROOM. QTY. ONE (1) PER OFFICE.



GEORGE W. AUSTIN, JR., P.E.
508 Applegate Parkway
Wahaw, NC 28173
(P) 704.618.1959
SEG # 22-086



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



Professional Certification, I certify that these documents were prepared or approved by me, and that I am a duly licensed engineer under the laws of the State of Maryland.
 License Number 54935
 Expiration Date 9/18/2023

#	DATE	REVISION

DOLLAR GENERAL #24134
 ALLEGANY COUNTY MD
 FLINTSTONE, MARYLAND

DOLLAR GENERAL
 POWER PLAN
 SHEET TITLE

SPI Client	DATE
22116	3-18-22

SHEET NUMBER
E1.1

TIMOTHY A. PAYNE, PE
 1005 Thornedale Rd
 Indian Trail, NC 28079
 (704) 651-3425
 SEG # 22-086

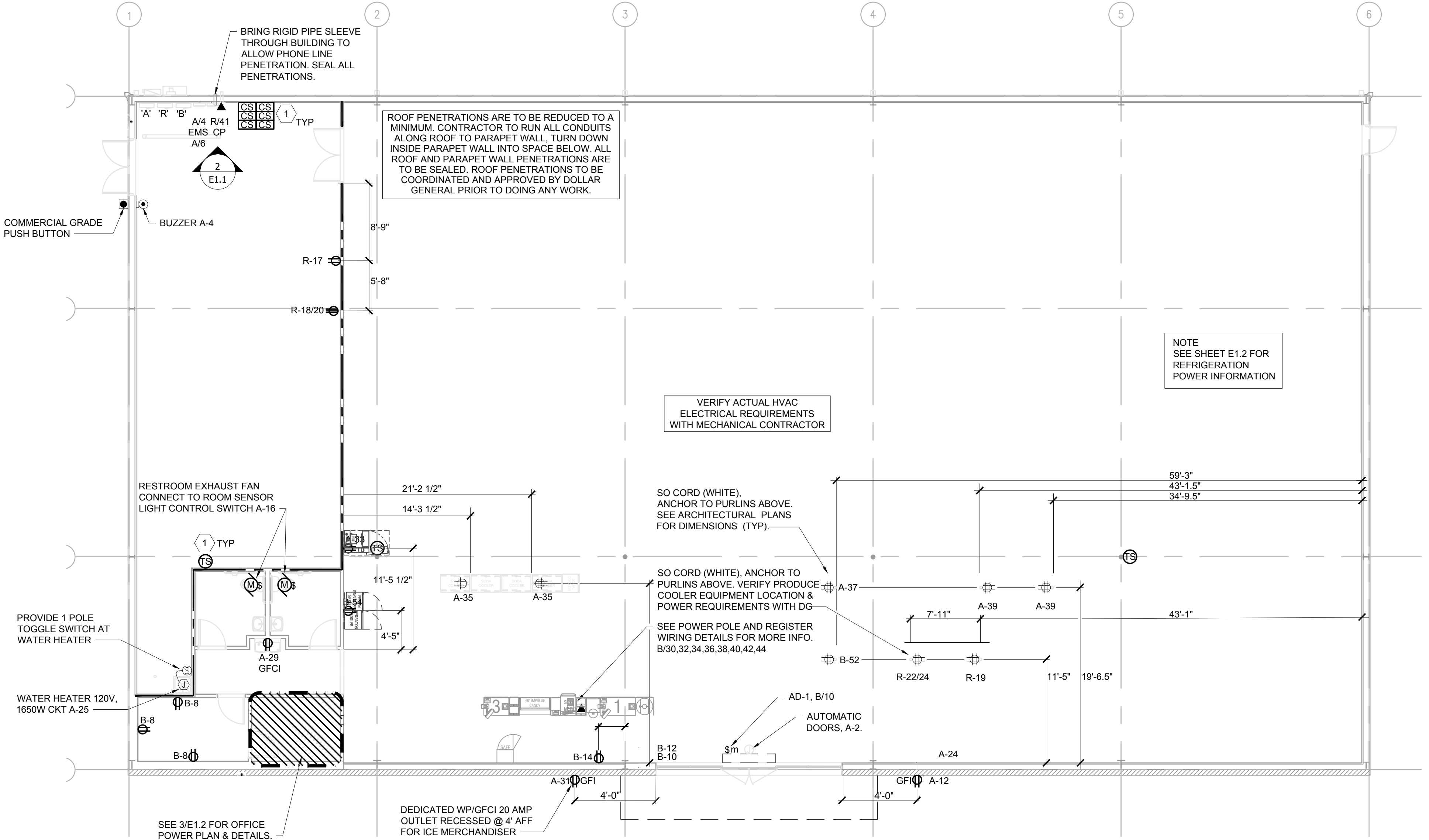
LEGEND	
SYMB	DESCRIPTION
	BUZZER - TORK MDL #TA725 W/ TRANSFORMER MDL#TA592
	COMMERCIAL GRADE PUSH BUTTON
	125V NEMA 5-20R DUPLEX. PANEL/CIRCUIT IN PANEL
	125/250V NEMA L14-20-R 4 PRONG TWIST LOCK
	125V NEMA 5-20R QUAD
	DISCONNECT
	BLACK MAGIC POWER POLE
	PHONE JACK
	RJ-11, RJ-45 DATA JACK, PHONE COMBO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

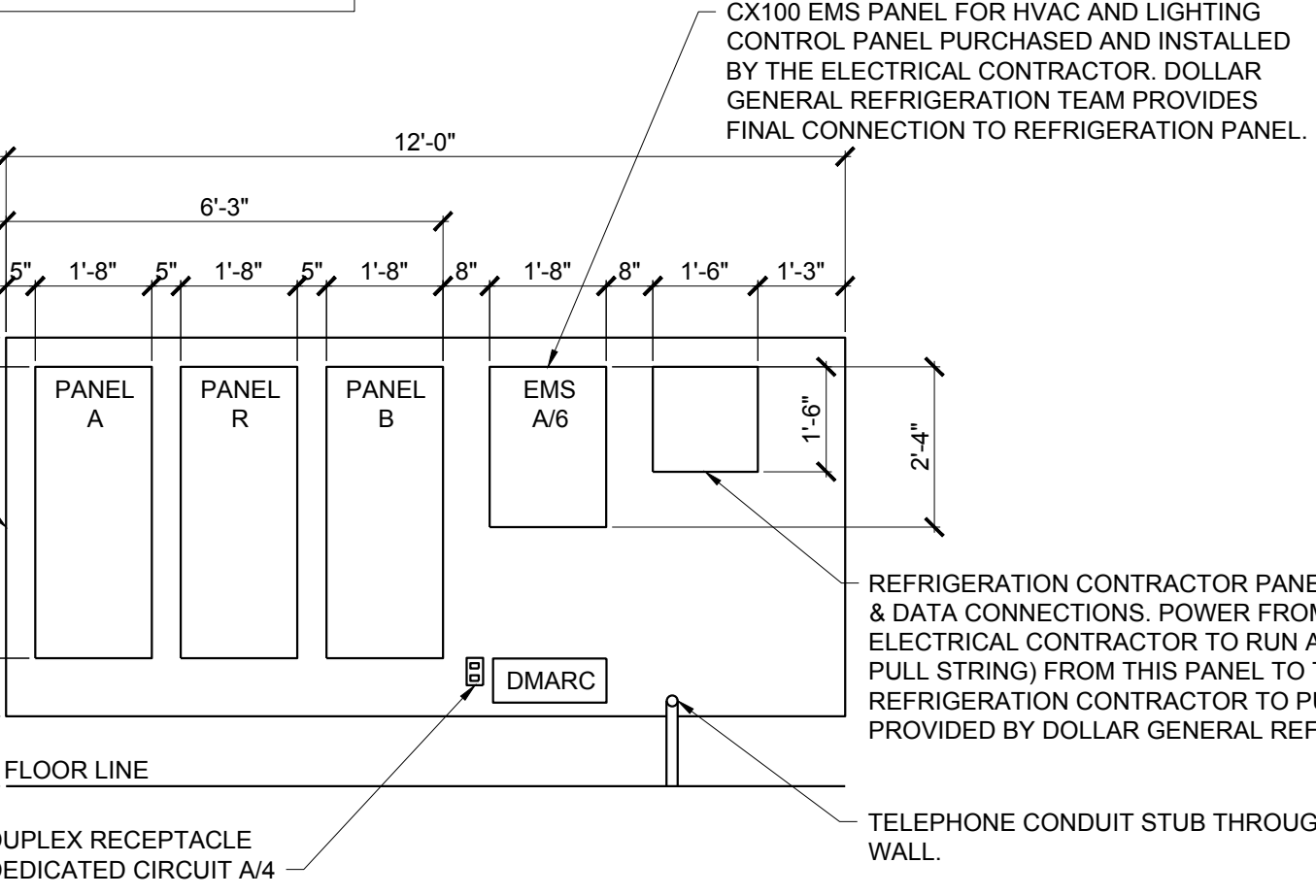
- ALL WIRING SHALL BE CONTAINED IN CONDUIT OF PROPER SIZE.
- ALL WIRING SHALL CONFORM TO LOCAL, STATE AND FEDERAL CODES.
- SERVICE IS TO BE A MINIMUM 400 AMP, 3 PHASE (PREFERRED), 600 AMP, 1 PHASE OR LARGER IF REQUIRED BY CODE OR ELECTRICAL LOAD.
- REQUIRED CUSTOM BUILT POWER POLE ASSEMBLIES AVAILABLE FROM D&P CUSTOM LIGHTS & PRODUCTS INC., PHONE: (800) 251-2200 OR (615) 350-7800, 7111 COCKRILL BEND INDUSTRIAL ROAD, NASHVILLE, TN 37209. SEE 4/E1.1.
- EXTERIOR EXPOSED PHONE LINES TO BE INSTALLED IN RIGID CONDUIT. PROVIDE EMERSON 3/4" X 5-Ft. METALLIC CABLE U-GUARD #755, OR EQUAL.
- ELECTRICAL PANEL TO BE LABELED CORRECTLY WITH LEGIBLE PRINT.
- LOW VOLTAGE VENDOR TO PROVIDE AND INSTALL ONE (1) 24 GA., 4 TWISTED-PAIR, CATEGORY-FIVE (CAT5) DATA CABLE WITH MODULAR COMBO RJ-11/RJ-45 JACK AT MANAGER'S OFFICE. CABLE TO BE RUN FROM JACK TO DATA HUB LOCATION WITH 6'-0" LEFT COILED FOR INSTALLATION TO DATA HUB. A RJ-45 MALE FITTING SHOULD BE CRIMPED ON THIS END. DOLLAR GENERAL STORE OPENING TEAM WILL MAKE FINAL CONNECTION INTO THE DATA HUB.
- PROVIDE 1 1/2" EMT CONDUIT TO ACT AS ACCESS SLEEVE TO ALLOW PHONE COMPANY TO TERMINATE AT DMARC. CONTRACTOR TO PROVIDE AND INSTALL PHONE WIRING & RJ-11 PHONE JACK FOR COMPLETED WORKING SYSTEM PRIOR TO PHONE COMPANY FINAL HOOK UP.
- ALL 120 VOLT OUTDOOR RECEPTACLES TO HAVE "WET LOCATION - IN USE" COVERS.
- ALL CONDUCTORS TO BE COPPER, #12 AWG MINIMUM SIZE, OR AS REQUIRED BY LOAD AND OVER CURRENT PROTECTION.
- SEE EMS SHEETS EMS1 AND EMS2 FOR ENERGY MANAGEMENT SYMBOLS AND INFORMATION.
- ELECTRICIAN TO PROVIDE 1 1/2" CONDUIT WITH PULL STRINGS FOR SATELLITE LOCATION.
- ALL POWER AND DATA TO BE ROUTED OVERHEAD. UNDER SLAB NOT ALLOWED.

ELECTRICAL KEYED NOTE
 1. MECHANICAL THERMOSTAT MOUNTED ON COLUMN AT 8'-0" AFF. SURFACE MOUNT BOX AND CONDUIT. STUB CONDUIT AT STRUCTURE.



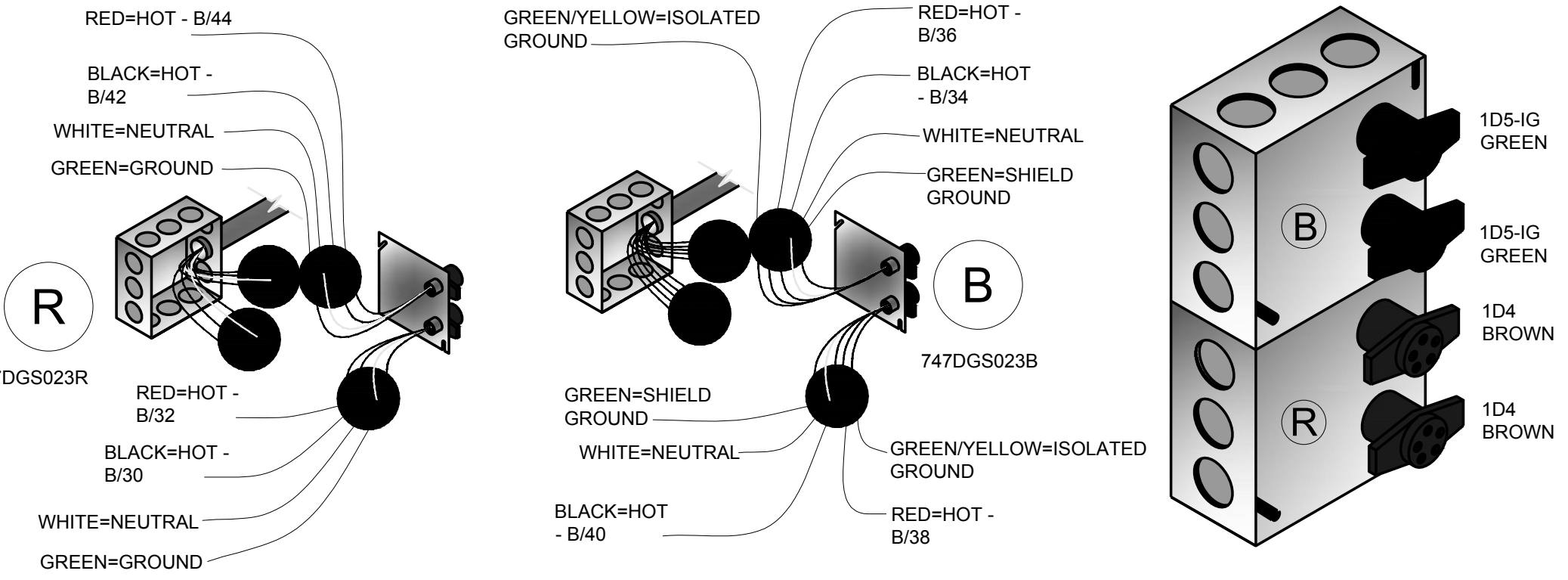
SEISMIC RESTRAINT NOTES

- 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.



2 ELECTRICAL PANEL ELEVATION
 E1.1 NTS

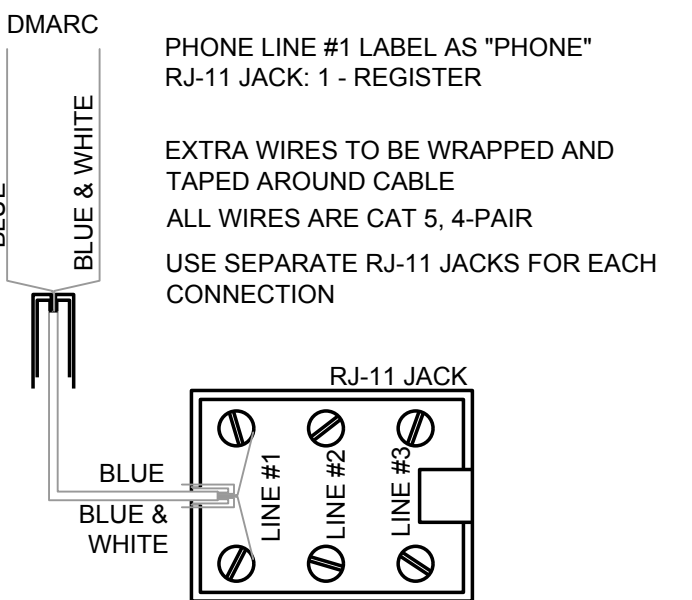
1 POWER PLAN
 SCALE: 1/8" = 1'-0"



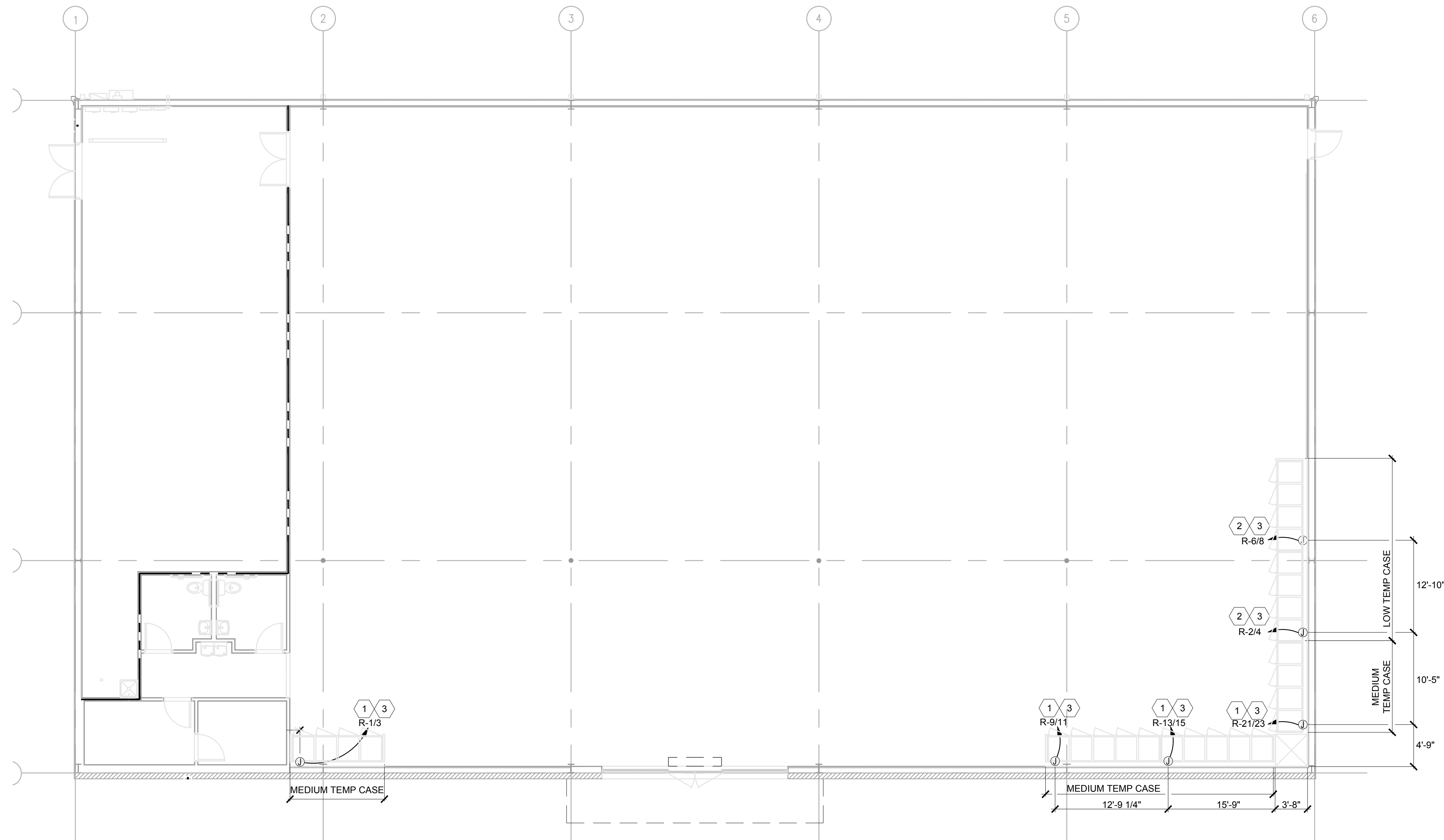
REGISTER ELECTRICAL COMPONENTS

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



4 PHONE WIRING SCHEMATIC
 E1.1 NTS



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

ELECTRICAL DMARC AND EMS PANELS IN RECEIVING AREA.
 CONDUIT #1: PROVIDE 1-1/2" CONDUIT TO CABLE TRAY.

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

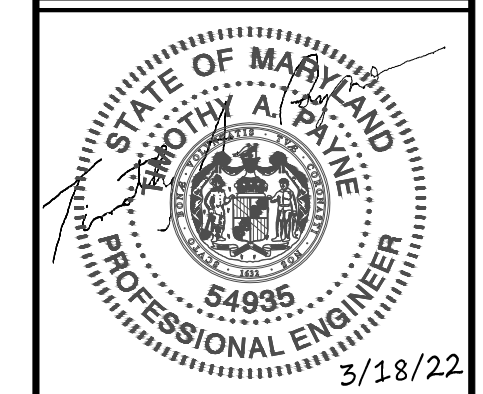
A. MOUNT ALL REFRIGERATOR OUTLETS AT 12" AFF.

ELECTRICAL KEYED NOTES

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



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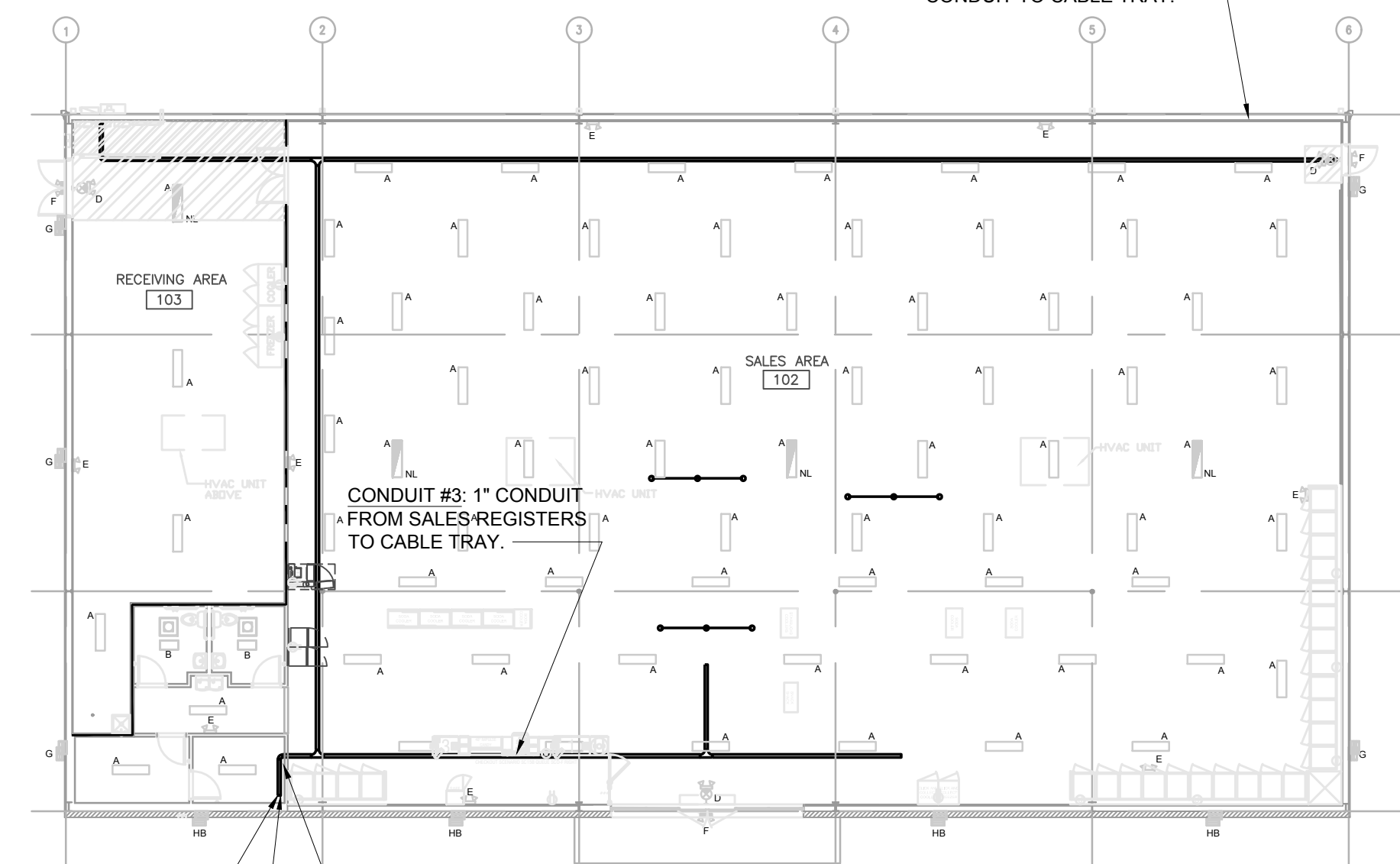
DOLLAR GENERAL #24134
 ALLEGANY COUNTY MD
 FLINTSTONE, MARYLAND

DOLLAR GENERAL
 SHEET TITLE
 REFRIGERATION POWER PLAN

SPI Client	DATE
22116	3-18-22

SHEET NUMBER
E1.2

TIMOTHY A. PAYNE, PE
 1005 Thorndale Rd
 Indian Trail, NC 28079
 (770) 704-651-3425
 SEG # 22-086



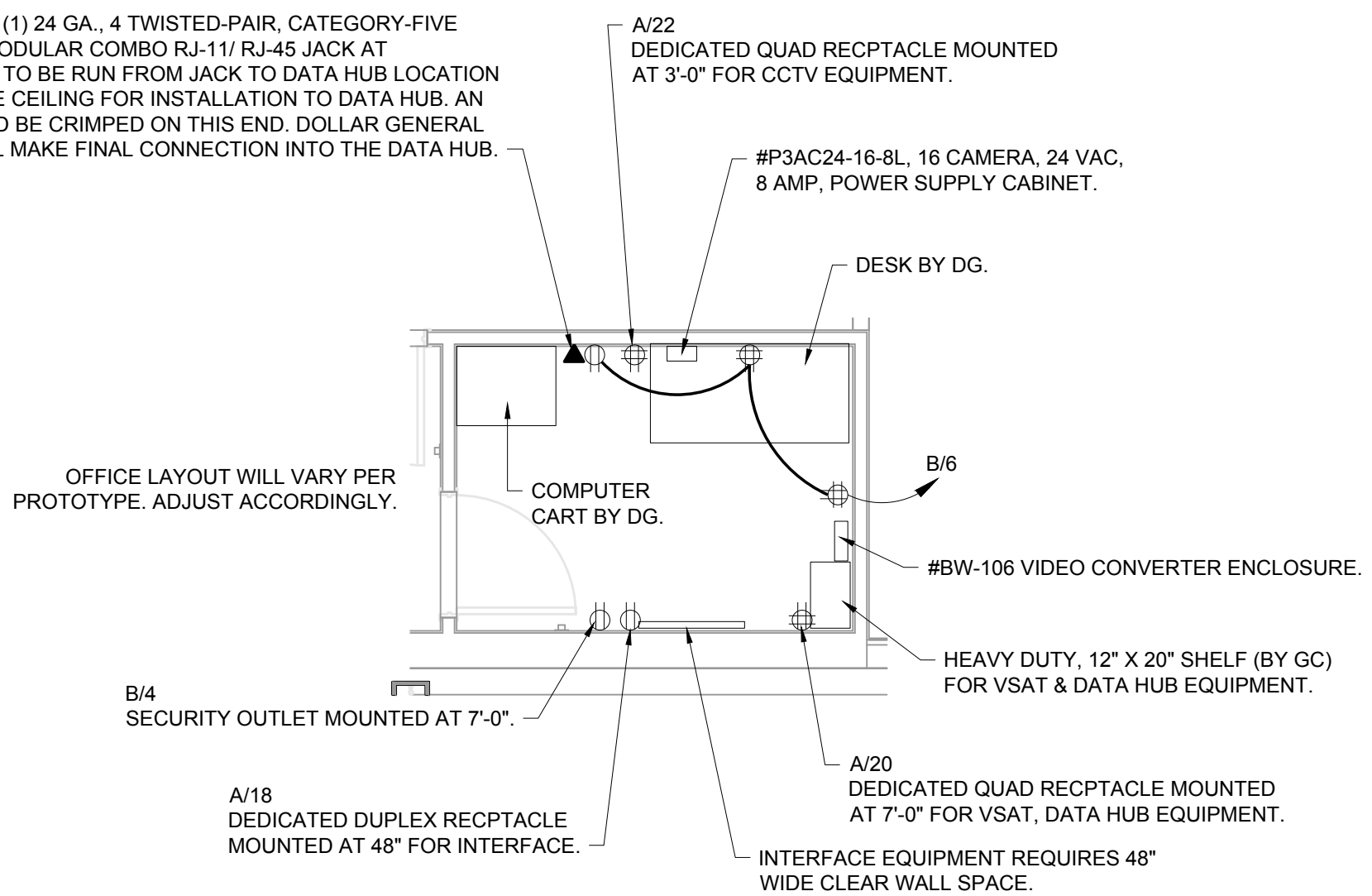
2 CABLE TRAY PLAN AND CONDUIT DIAGRAM
 SCALE: 1/16" = 1'-0"

LOCATION OF OFFICE HUB BELOW. BUNDLE ALL WIRES AND RUN TO CABLE TRAY.

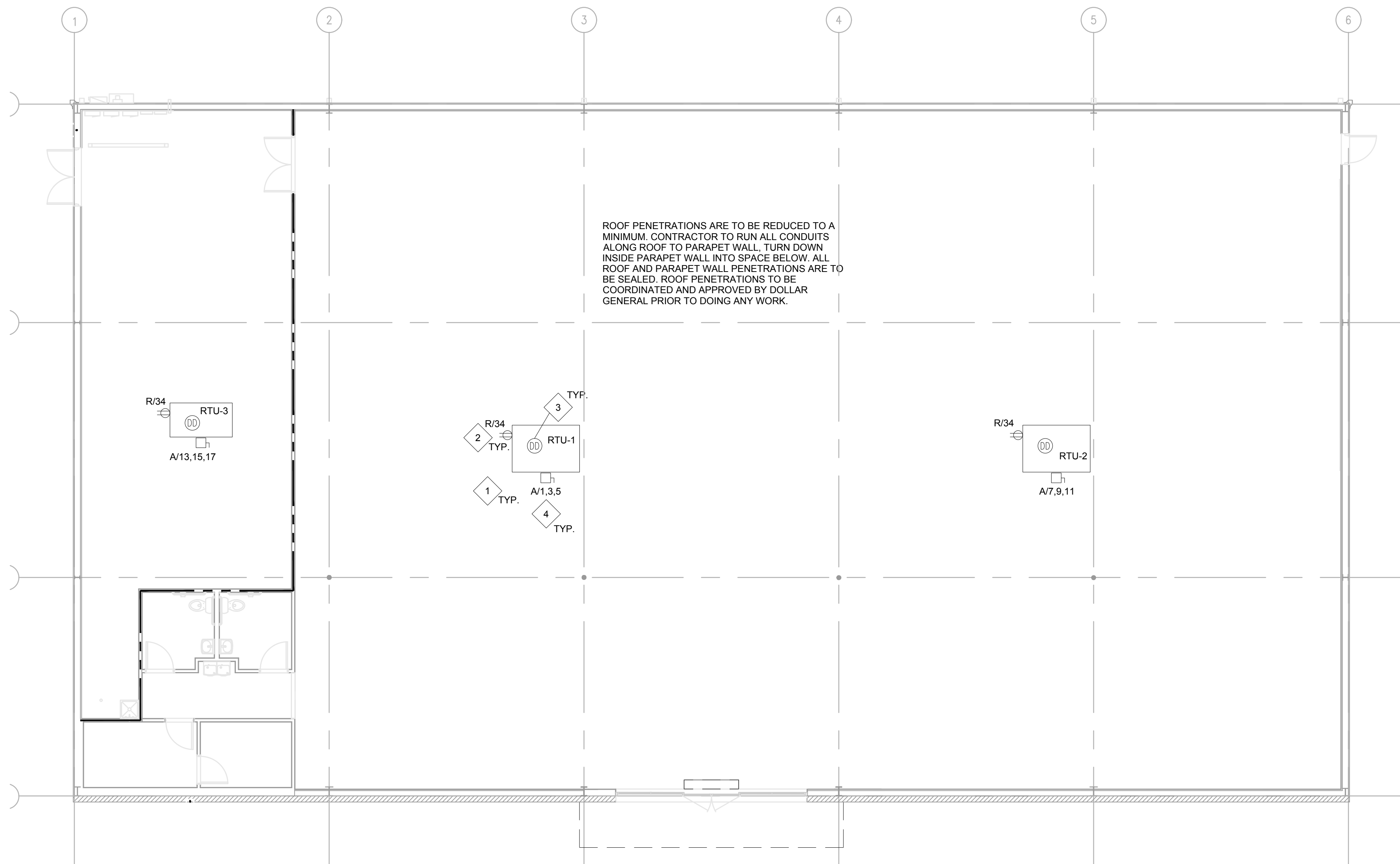
VOICE AND DATA PORT. CONDUIT #2: PROVIDE 1" CONDUIT FROM VOICE/DATA PORT TO CABLE TRAY.

CONDUIT #3: 1" CONDUIT FROM SALES REGISTERS TO CABLE TRAY.

PROVIDE AND INSTALL ONE (1) 24 GA., 4 TWISTED-PAIR, CATEGORY-FIVE (CAT5) DATA CABLE WITH MODULAR COMBO RJ-11/RJ-45 JACK AT MANAGER'S OFFICE. CABLE TO BE RUN FROM JACK TO DATA HUB LOCATION WITH 6' LEFT COILED ABOVE CEILING FOR INSTALLATION TO DATA HUB. AN RJ-45 MALE FITTING SHOULD BE CRIMPED ON THIS END. DOLLAR GENERAL STORE OPENING TEAM WILL MAKE FINAL CONNECTION INTO THE DATA HUB.



3 LARGE SCALE OFFICE PLAN
 NTS



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

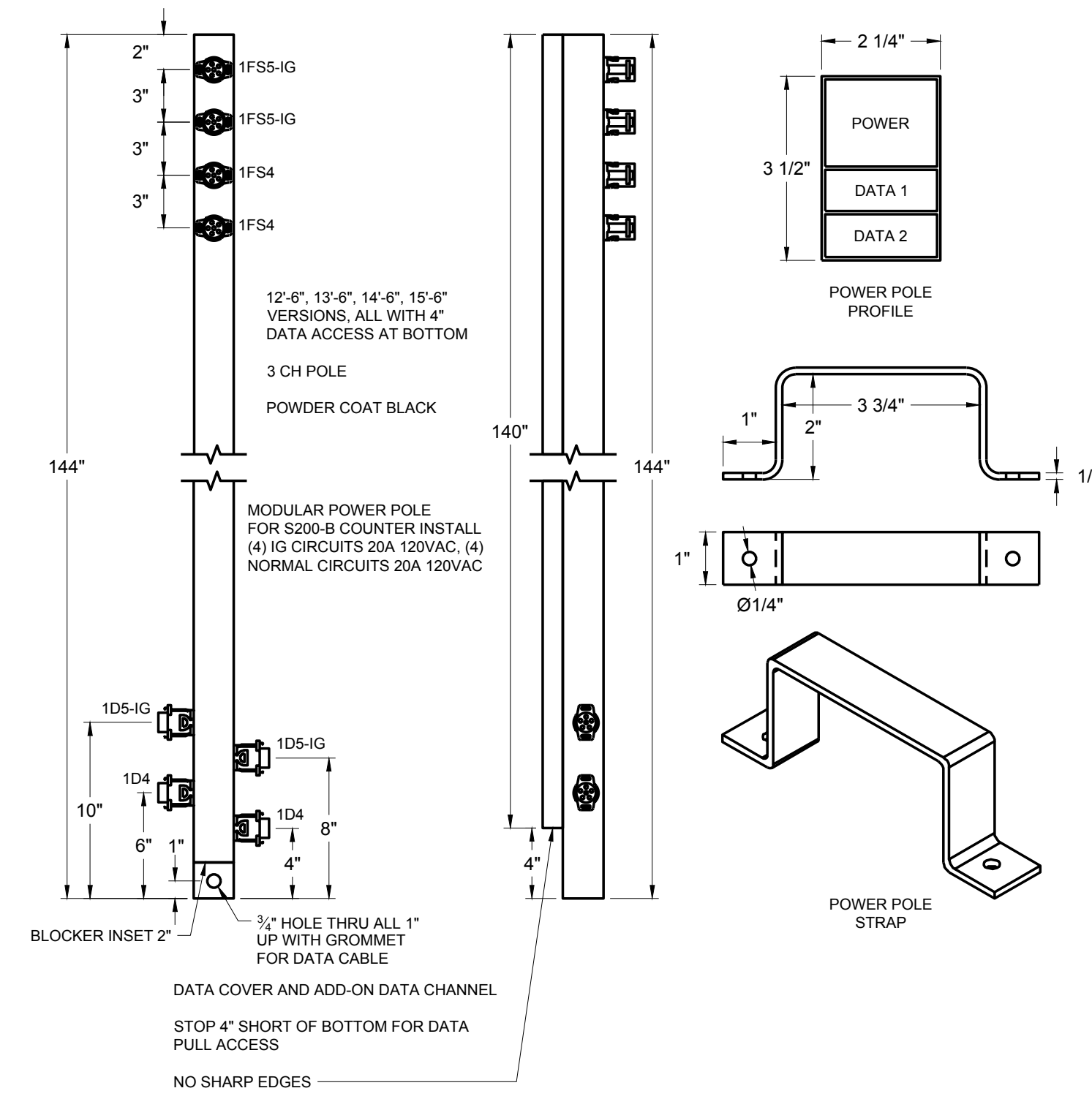
HVAC UNIT WIRING TABLE												
UNIT	WIRE	COND	DISC	FUSE	ENCL	PH	VOLT	GND	BRKR	LOAD	CFM	TONS
RTU-1	#4	1 1/4"	100A/3P	60A	NEMA 3R	3φ	208	#8	80A/3P	24,138	5,000	--
RTU-2	#4	1 1/4"	100A/3P	60A	NEMA 3R	3φ	208	#8	80A/3P	24,138	5,000	--
RTU-3	#10	3/4"	30A/3P	30A	NEMA 3R	3φ	208	#10	30A/3P	1,200	1,200	--
EF-1	#12	3/4"	MOTOR RATED SWITCH		NEMA 1	1φ	120	#12	20A/1P	6	75	--
EF-2	#12	3/4"	MOTOR RATED SWITCH		NEMA 1	1φ	120	#12	20A/1P	6	75	--
AD-1	#12	3/4"	DOOR SWITCH		NEMA 1	1φ	120	#12	20A/1P	1224	2758	--

TABLE NOTES:

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

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

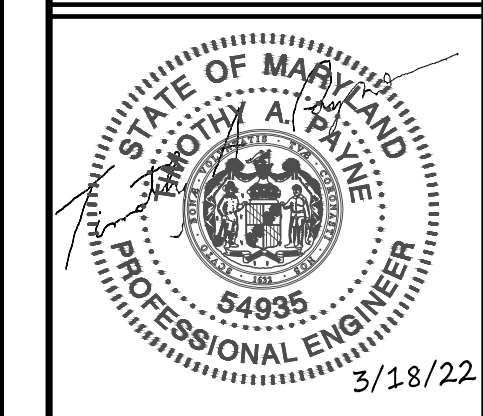
- ### ELECTRICAL KEYED NOTES #
- LOCATIONS SHOWN FOR MECHANICAL UNITS ARE ONLY APPROXIMATE, CONTRACTOR MUST CONSULT MECHANICAL OR STRUCTURAL DRAWINGS TO DETERMINE ACTUAL UNIT LOCATIONS. PROVIDE 1/2" PENETRATION THRU ROOF WITHIN FOOTPRINT OF UNIT FOR USE WITH CONTROL WIRING TO UNIT BY OTHERS. PROVIDE 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 4098-9642 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 REQUIRED.
 - FLY FAN: 120V-1PH-10.2A. PROVIDE SWITCH TO START UNIT WHEN DOOR OPENS AND SHUT OFF UNIT WHEN DOOR CLOSES. VERIFY EXACT LOCATION AND EQUIPMENT REQUIREMENTS PRIOR TO INSTALLATION.



3 REGISTER POWER POLE
E1.3 NTS

SP

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



Professional Certification. I certify that these documents were prepared or approved by me, and that I am a duly licensed engineer under the laws of the State of Maryland
License Number 54935
Expiration Date 3/18/2023

#	DATE	REVISION

DOLLAR GENERAL #24134
ALLEGANY COUNTY MD
FLINTSTONE, MARYLAND

DOLLAR GENERAL

ROOF POWERPLAN

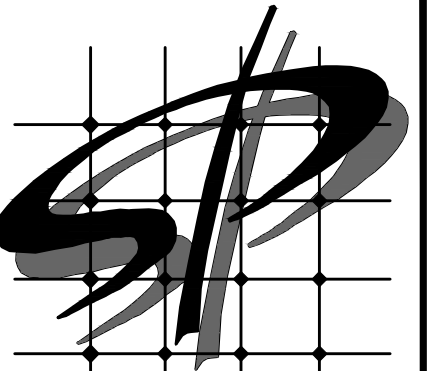
SHEET TITLE

SPI Client	DATE
22116	3-18-22

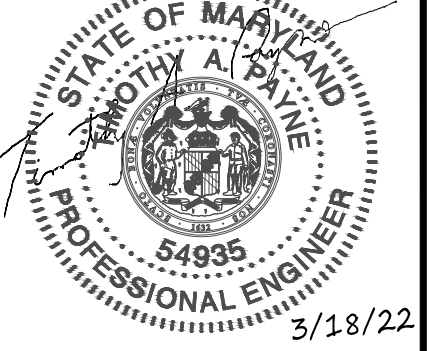
SHEET NUMBER
E1.3

TP

TIMOTHY A. PAYNE, PE
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(704) 651-3425
SCE # 22-086



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ALLEGANY COUNTY MD
FLINTSTONE, MARYLAND

DOLLAR GENERAL

LIGHTING PLAN

SHEET TITLE

SPI Client 22116 DATE 3-18-22

SHEET NUMBER

E2

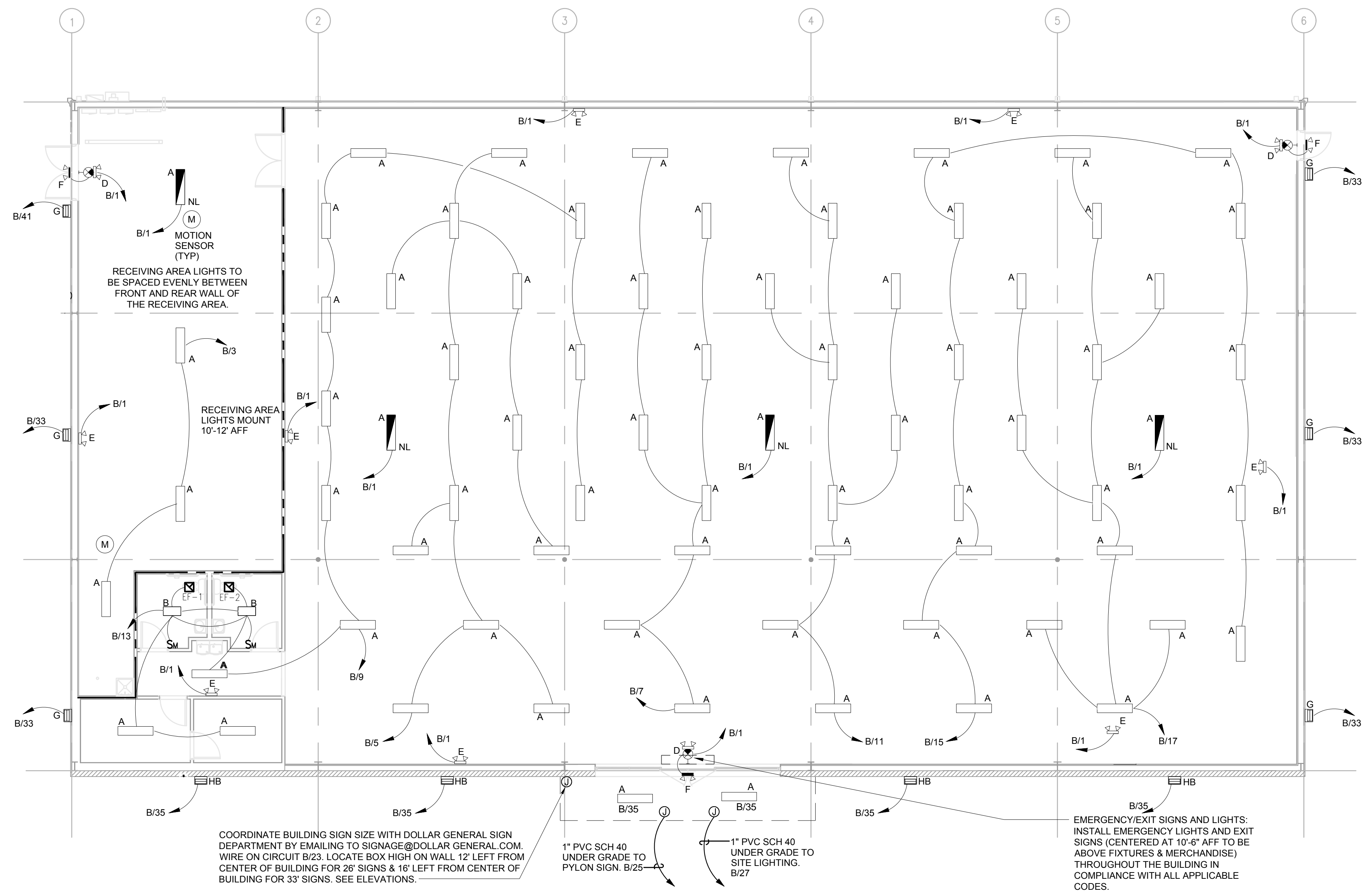


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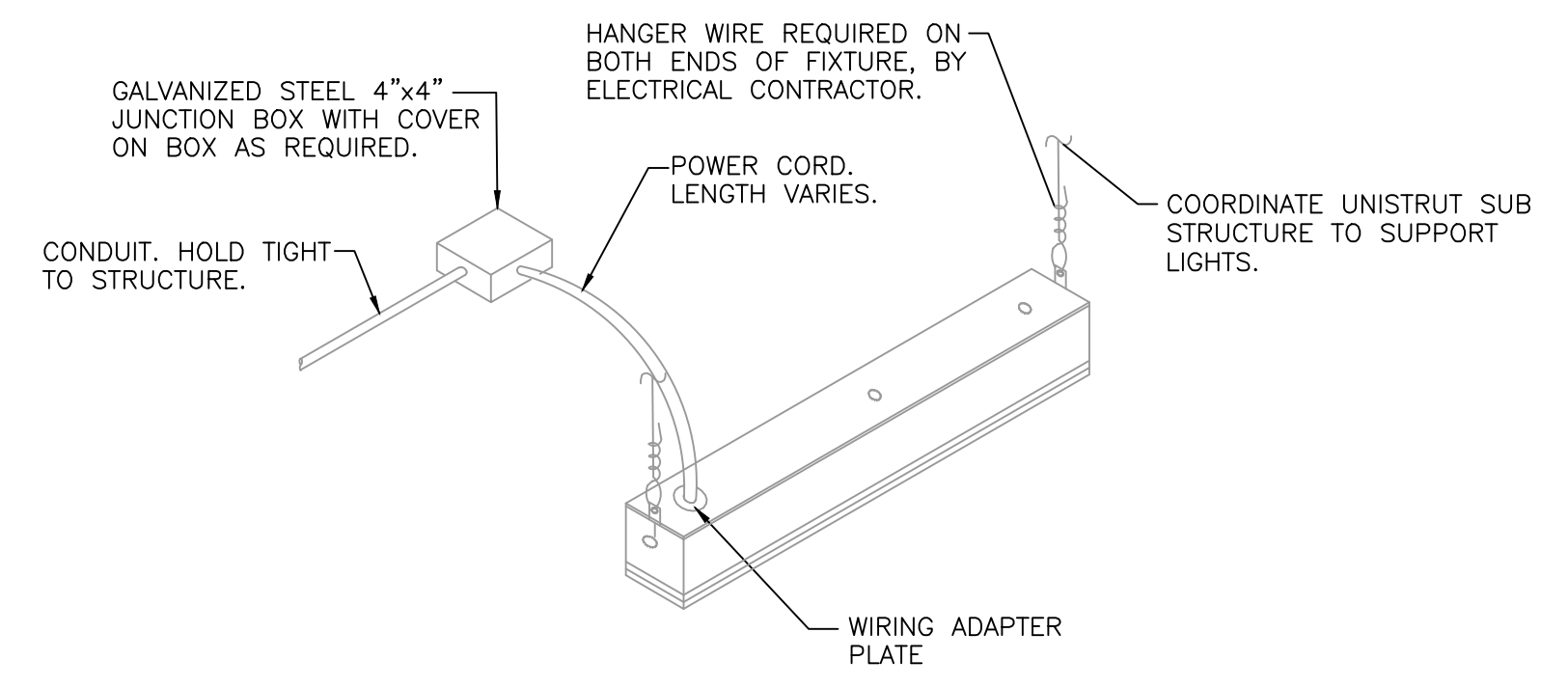
SYMBOL	TYPE	MANF.	PART #	DESCRIPTION	W
	A	LEDS	ST5000	4' LED STRIP FIXTURE AERIAL MOUNT INCLUDES (2) 8 FT CABLES	33
	A/NL	ETI	54583361	4' LED STRIP FIXTURE WITH BATTERY BACK-UP	33
	B	LEDS	ST2000	2' LED STRIP FIXTURE SURFACE MOUNT	20
	D	LEDS	EM2505	LED EXIT SIGN / EMERGENCY LIGHT COMBO WITH 2 HEADS	3
	E	LEDS	EL2500	LED INTERIOR EMERGENCY LIGHT WITH 2 HEADS	2
	F2	LEDS	EL2502	LED EXTERIOR EMERGENCY LIGHT WITH 2 HEADS	2
	G	LEDS	LEDBG42W001B	LED WALL PACK 1	42
	HB	LEDS	LEDS-AL120	LED WALL PACK 2	150
	HP-S	LEDS	LEDS-1210-S	PARKING POLE LIGHT	150

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

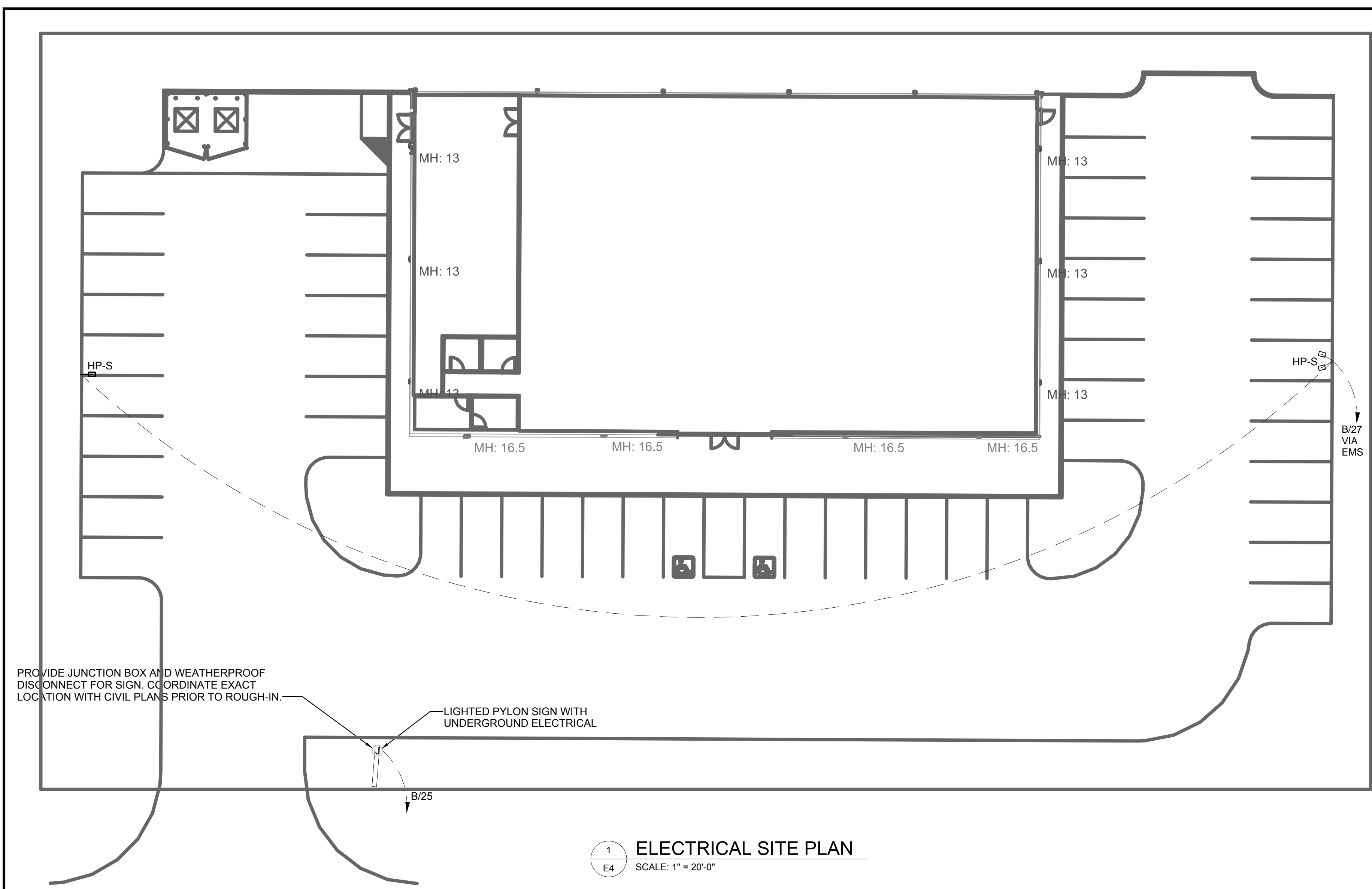
LIGHT SPACING NOTE
RECEIVING AREA LIGHTS TO BE SPACED EVENLY BETWEEN FRONT AND REAR WALL OF THE RECEIVING AREA.
* CIRCUITS B/31 AND B/33 TO BE USED FOR SIDE WALLPACKS. USUALLY ONLY ONE SIDE IS REQUIRED TO BE ILLUMINATED. USE SPARE CIRCUITS WHEN NEEDED. ROUTE THRU CONTACTOR C7 ON EMS PANEL



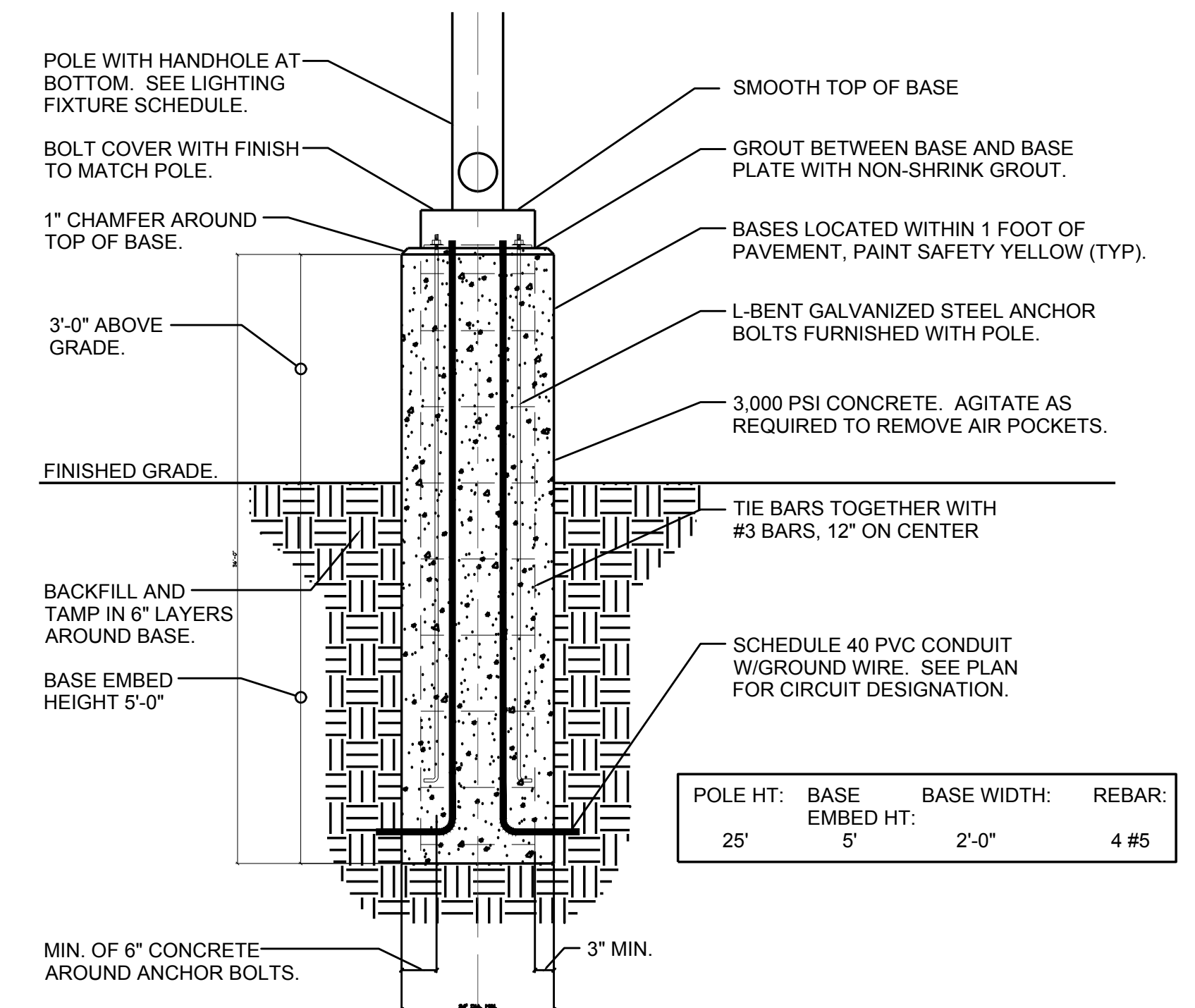
1 LIGHTING PLAN
SCALE: 1/8" = 1' - 0"



2 LIGHT MOUNTING DIAGRAM
SCALE: DIAGRAMMATIC



1
E4
ELECTRICAL SITE PLAN
SCALE: 1" = 20'-0"



2
E3
POLE BASE DIAGRAM
NOT TO SCALE

Luminaire Schedule								
Symbol	Qty	Label	Arrangement	Description	LLF	Luminaire Lumens	Luminaire Watts	Total Watts
□	4	G	SINGLE	LEDBG42W001B-5000K - Wall Pack, 42W, Full Cutoff, 5K	0.950	4739	42.63	170.52
▭	4	HB	SINGLE	LEDS-AL120 - Wall Mt, 150w, Type 4, 5K	0.950	19102	150.223	600.892
⊞	2	HP-S	Single	LEDS-1210-S - Single Pole Mt 150w, Type 4, 5K, Shielded	0.950	13622	150.236	300.472

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Site	Illuminance	Fc	0.56	18.4	0.0	N.A.	N.A.
Parking Lot	Illuminance	Fc	2.78	11.0	0.1	27.80	110.00

Note:
1. PHOTOMETRIC CALCULATIONS AND RESULTS PERFORMED BY VENDOR AND ARE NOT COVERED BY THE P.E. SEAL ON THIS SHEET.

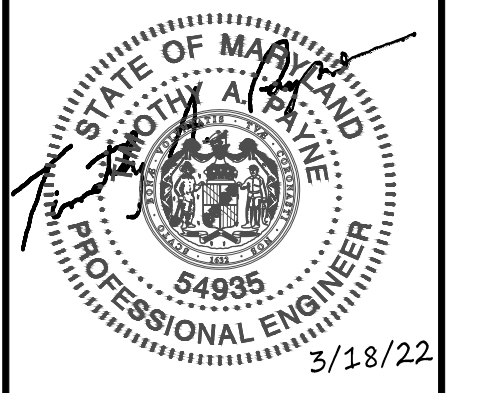
Luminaire Location Summary		
LumNo	Label	Z
1	HB	16.5
2	HB	16.5
3	HB	16.5
4	HB	16.5
5	G	12
6	G	12
7	G	12
8	G	12
9	HP-S	27
10	HP-S	27

SITE LIGHTING GENERAL NOTES

- A. 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.
- B. SITE / PARKING LOT LIGHTING: PROVIDE ADEQUATE POLE AND/OR WALL LIGHTING FOR NIGHT VISION AROUND ENTRY, PARKING AND DUMPSTER PAD AREAS.
- C. MINIMUM OF 1.5 FOOT-CANDELES REQUIRED FOR ALL PAVED AREAS EXCLUDING 15' PERIMETER FROM EDGE OF PAVEMENT.
- D. REQUIRED LIGHTING: A COMBINATION OF POLE LIGHTS, FLOOD LIGHTS WITH ARM AND WALL PACKS WILL BE USED. REFER TO ELECTRICAL SITE PLAN AND SHEET E2 FOR ADDITIONAL INFORMATION.
- E. 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.
- F. UNDERGROUND ELECTRICAL SHALL BE PROVIDED TO THE SITE LIGHT POLES.
- G. 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 ARCHITECTURAL AND ENGINEERING DEPARTMENT.
- H. PHOTOMETRIC SITE ANALYSIS AVAILABLE THROUGH DOLLAR GENERAL VENDOR, LEDS LLC.
- I. DOLLAR GENERAL VENDOR PRICING FOR WALL PACKS OR POLE LIGHTING AVAILABLE FROM LEDS LLC.
- J. SEE SHEET E2 FOR MORE INFORMATION.
- K. VERIFY LOCAL DARK SKY REQUIREMENTS AND CONTACT VENDORS FOR APPROVED ALTERNATES IF REQUIRED.



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FLINTSTONE, MARYLAND

DOLLAR GENERAL
SHEET TITLE
ELECTRICAL SITE PLAN

SPI Client	DATE
22116	3-18-22

SHEET NUMBER
E4