

Foot Locker, Inc.

Foot Locker

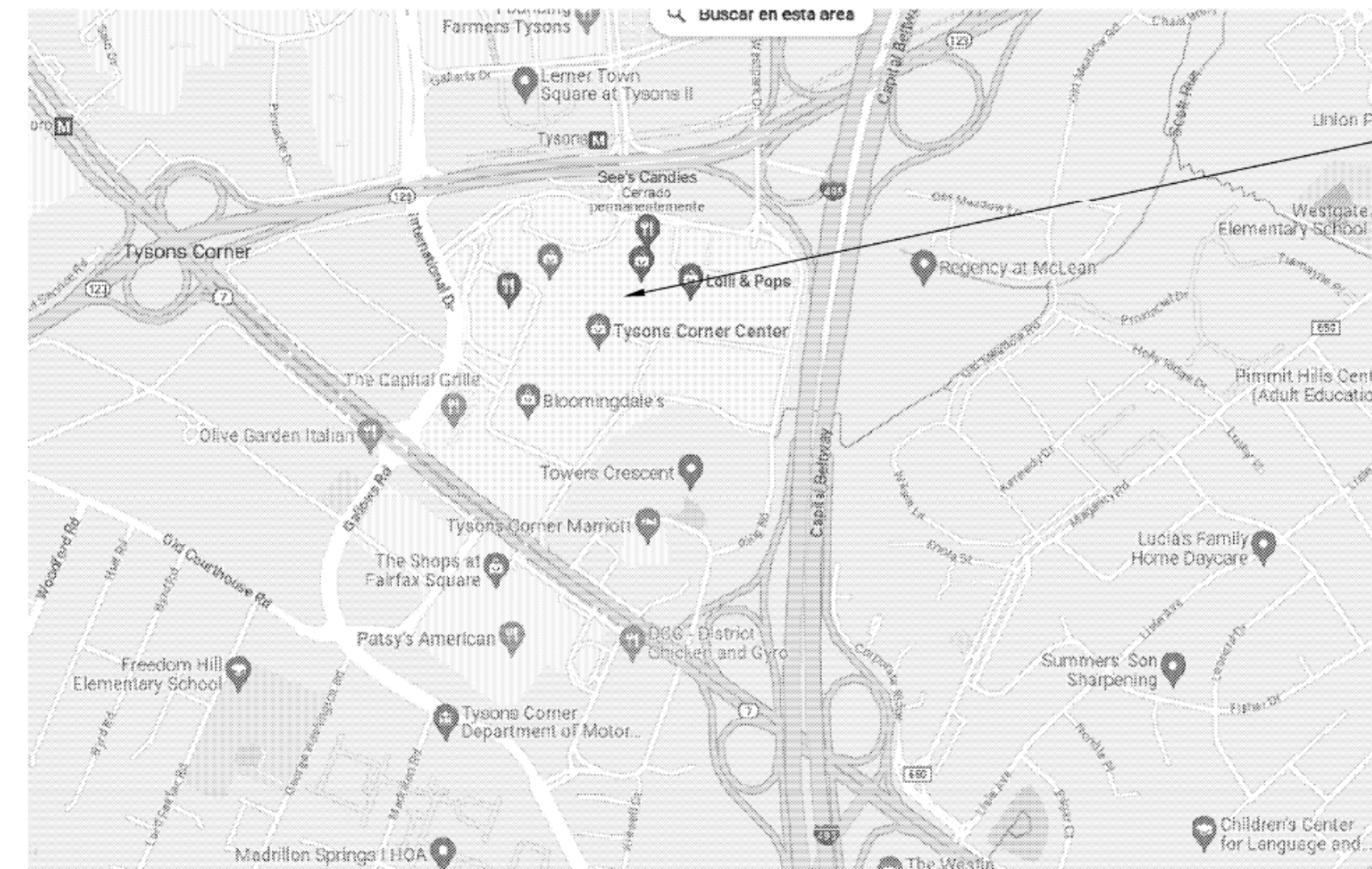
Foot Locker, Inc.

GLOBAL STORE DEVELOPMENT
330 WEST 34TH STREET
NEW YORK, NY 10001

LIST OF DRAWINGS

SHEET	SHEET TITLE	REVISION DATE AND NO.
ARCHITECTURAL		
T1.0	COVER SHEET	
G1.1	RESPONSIBILITY SCHEDULE	
G1.2	SPECIFICATIONS	
G1.3	MECHANICAL & ELECTRICAL SPECIFICATIONS	
L6.1	EGRESS/LIFE SAFETY PLAN	
D1.0	DEMOLITION PLAN & ELEVATION	
D1.1	DEMOLITION REFLECTED CEILING PLAN	
A1.0	CONSTRUCTION FLOOR PLAN	
A1.1	PARTITION TYPES & DETAILS	
A1.1A	PARTITION TYPES & DETAILS	
A1.2	CONSTRUCTION DETAILS	
A1.3	ENLARGED PLANS, ELEVATIONS, & DETAILS	
A1.4	ENLARGED PLANS, ELEVATIONS, & DETAILS	
A2.0	STOREFRONT PLANS, ELEVATION & DETAILS	
A2.1	STOREFRONT SECTION AND DETAILS	
A2.2	STOREFRONT DETAILS & MONUMENT SIGNS LOCATION	
A3.0	FINISH FLOOR PLAN	
A4.0	INTERIOR ELEVATIONS	
A4.1	INTERIOR ELEVATIONS	
A5.0	FIXTURE FLOOR PLAN	
A5.01	FIXTURE SCHEDULES	
A5.1	FIXTURE SECTIONS AND DETAILS	
A6.0	REFLECTED CEILING PLAN	
A6.1	CEILING FIXTURE DETAILS	
A6.2	LOW VOLTAGE DESIGN INTENT PLAN	
STRUCTURAL		
S1.0	STRUCTURAL NOTES, PLAN AND DETAIL	
MECHANICAL		
M1.0	MECHANICAL DUCT PLAN	
M1.1	MECHANICAL PIPING PLAN	
M2.0	MECHANICAL SCHEDULES	
M2.1	MECHANICAL HVAC LOAD SUMMARY	
M3.0	MECHANICAL DETAILS	
M4.0	COMCHECK	
M4.1	COMCHECK	
PLUMBING		
P1.0	PLUMBING PLAN, RISER DIAGRAMS, & DETAILS	
P1.1	PLUMBING PLAN, RISER DIAGRAMS, & DETAILS	
ELECTRICAL		
E1.0	ELECTRICAL POWER PLAN	
E2.0	ELECTRICAL LIGHTING PLAN	
E3.0	ELECTRICAL POWER RISER & SCHEDULES	
E4.0	MISCELLANEOUS ELECTRICAL DETAILS	
E4.1	MISCELLANEOUS ELECTRICAL DETAILS	
E4.2	COM-CHECK	

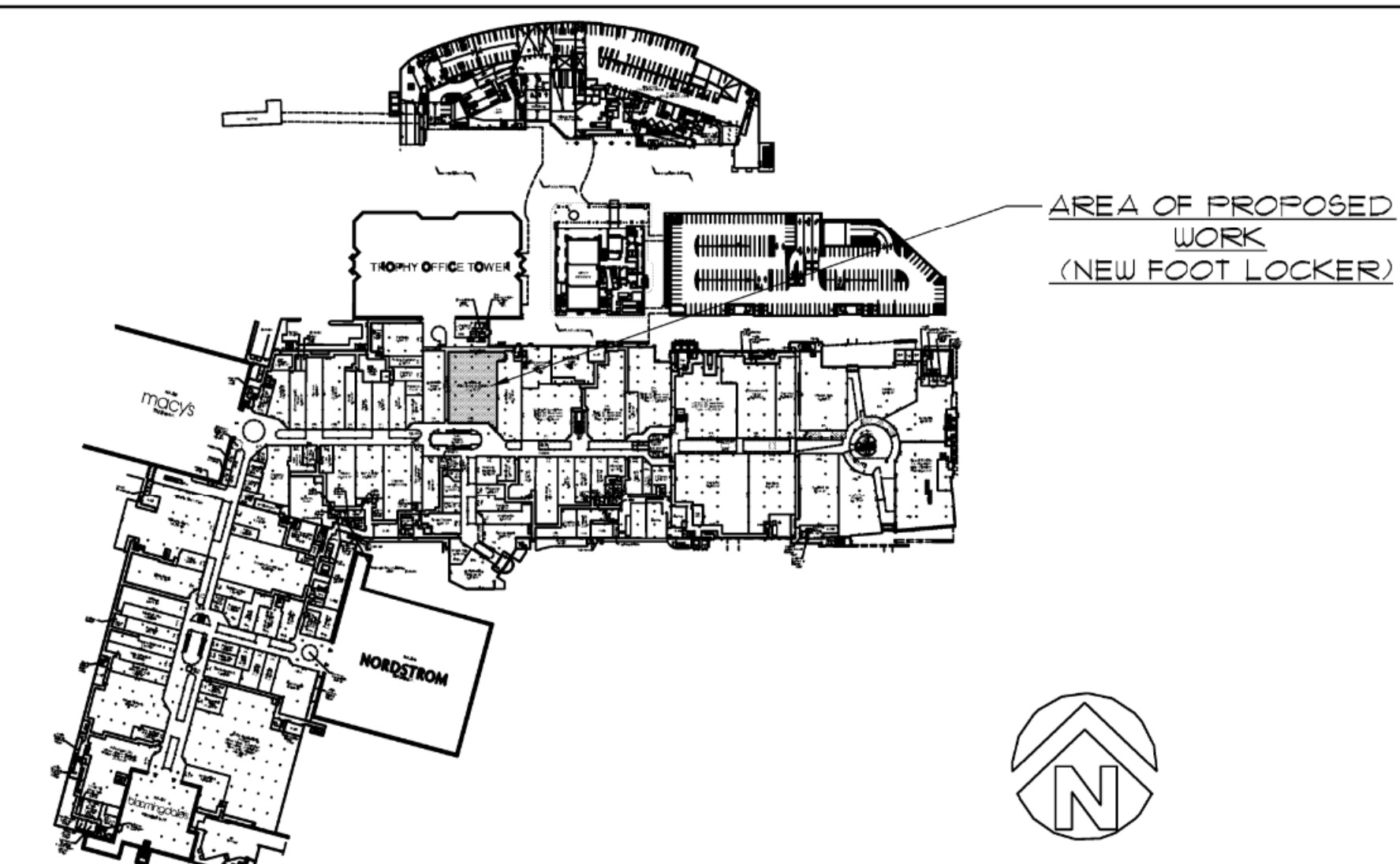
AREA SITE PLAN



FOOT LOCKER
TYSON'S CORNER
13621 CHAIN BRIDGE ROAD
MCLEAN, VA 22003
SPACE #E19L



MALL KEY PLAN



PROJECT DIRECTORY

<p>SHOPPING CENTER INFORMATION</p> <p>TYSON'S CORNER 13621 CHAIN BRIDGE ROAD MCLEAN, VA 22003 SPACE #E19L</p> <p>LANDLORD INFORMATION</p> <p>NAME: XXXXXXXX ADDRESS: XXXXXXXX TEL: XXXXXXXX FAX: XXXXXXXX EMAIL: XXXXXXXX</p> <p>ARCHITECT</p> <p>NAME: TAMMY DAVIS COMPANY: LARSON DESIGN GROUP ADDRESS: 1 W MARKET STREET SUITE 301 CORNING, NY 14830 (607) 483-2809 EMAIL: TMDAVIS@LARSONDESIGNGROUP.COM</p> <p>MECHANICAL ENGINEER</p> <p>NAME: MICAH SUEELEY COMPANY: LARSON DESIGN GROUP TEL: 609-221-1048 EMAIL: MCSUEE@LARSONDESIGNGROUP.COM</p>	<p>TENANT</p> <p>FOOTLOCKER INC. 330 W. 34TH STREET NEW YORK, NY 10001</p> <p>CONSTRUCTION PROJECT MANAGER</p> <p>NAME: XXXXXXXXXXXX TEL: XXX-XXX-XXXX</p> <p>STORE PLANNER</p> <p>NAME: BRIANNE BURDY TEL: 702-720-3194 EMAIL: BRIANNEBURDY@FOOTLOCKER.COM</p> <p>PROCUREMENT COORDINATOR</p> <p>NAME: XXXXXXXXXXXX TEL: XXXXXXXXXXXX EMAIL: XXXXXXXXXXXX</p> <p>ELECTRICAL</p> <p>NAME: KEITH ISNER COMPANY: LARSON DESIGN GROUP TEL: 614-691-2245 EMAIL: KISNER@LARSONDESIGNGROUP.COM</p>
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CODE INFORMATION

APPLICABLE CODES:
ALL WORK DONE UNDER THIS CONTRACT SHALL COMPLY WITH THE PROVISIONS OF THE SPECIFICATIONS, DRAWINGS AND CONSTRUCTION CRITERIA OF THE LANDLORD, AND SHALL SATISFY ALL APPLICABLE CODES, ORDINANCES, AND REGULATIONS OF ALL AUTHORITIES HAVING JURISDICTION. ANY MODIFICATIONS TO THE CONTRACT WORK REQUIRED BY SUCH AUTHORITIES, ALL PERMITS AND LICENSES NECESSARY FOR THE EXECUTION OF THE WORK SHALL BE SECURED AND PAID FOR BY THE DESIGNATED PARTY.
APPLICABLE CODES INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING:

APPLICABLE CODES: (INCLUDING LOCAL AMENDMENTS)
BUILDING CODE: 2018 BUILDING CODE OF VIRGINIA
EXISTING BUILDING: 2018 EXISTING BUILDING CODE OF VIRGINIA
MECHANICAL: 2018 MECHANICAL CODE OF VIRGINIA
PLUMBING: 2018 PLUMBING CODE OF VIRGINIA
ENERGY CONSERVATION: 2018 VIRGINIA ENERGY CODE
FIRE: 2018 FIRE CODE OF VIRGINIA
FUEL GAS: 2018 FUEL GAS CODE OF VIRGINIA
ELECTRICAL: 2017 NATIONAL ELECTRICAL CODE OF VIRGINIA

THE FOLLOWING INFORMATION IS PROVIDED TO CONFIRM THE CONDITIONS OF THE EXISTING BUILDING AND WILL NOT BE MODIFIED BY THE WORK FILED UNDER THIS APPLICATION:

CONSTRUCTION TYPE: II-B (NO CHANGE)

- STRUCTURAL FRAME: 0 HR
- FLOOR CONSTRUCTION: 0 HR
- ROOF CONSTRUCTION: 0 HR
- TENANT SPACE SEPARATIONS: 1 HR (GC TO VERIFY EXISTING FIRE RATING)
- STORAGE SEPARATION FROM SALES: 0 HR

EXIT ACCESS (SECTION 1016)

- AISLES IN GROUP M: 30" (SECTION 1016.4)
- CORRIDOR WIDTH: 44" (SECTION 1020.2)
- DEAD ENDS: 50 FEET (SECTION 1020.4)

EXIT ACCESS TRAVEL DISTANCE: (TABLE 1012.2)

- GROUP M (W/ SPRINKLER SYSTEM): 250 FT.

OCCUPANCY GROUP: II-MERCANTILE (NO CHANGE)
EXISTING SUBWAY RESTAURANT, TENANTS REIL & RELO, OCCUPANCY GROUP M1 MERCANTILE

NEW FOOT LOCKER OCCUPANCY GROUP M1 MERCANTILE - MAIN OCCUPANCY
STORAGE, STOCK / LOCKER ROOM / BUSINESS AREAS / ACCESSORIES TO MAIN OCCUPANCY

MINIMUM PLUMBING FACILITIES (TABLE 2902.1):
REQUIRED:
138 OCCUPANT LOAD + 69 MALE / 69 FEMALE
MALE: (1) TOILET AND (1) LAVATORY
FEMALE: (1) TOILET AND (1) LAVATORY
OTHER: (1) HIGH-LOW DRINKING FOUNTAIN

PROVIDED:
MALE:
(1) NEW ACCESSIBLE TOILET
(1) NEW LAVATORY
FEMALE:
(1) NEW ACCESSIBLE TOILET
(1) NEW LAVATORY
OTHER:
(1) NEW HIGH/LOW DRINKING FOUNTAIN

SIZE OF DOORS (SECTION 1016.11)
MINIMUM 32" CLEAR DOOR WIDTH REQUIRED

RESPONSIBILITY NOTES

- GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE SCOPE OF WORK AS INDICATED IN THE DRAWINGS UNLESS OTHERWISE NOTED IN THE RESPONSIBILITY SCHEDULE ABOVE. ANY QUESTIONS OR DISCREPANCIES SHOULD BE BROUGHT TO TENANT PROJECT CONSTRUCTION MANAGER'S ATTENTION PRIOR TO SUBMISSION OF A BID.
- ALL G-SHEETS ARE APPLICABLE TO ALL TRADES AND VENDORS.
- PROVIDE SCHEDULE AND PROJECT CALENDAR TO TENANT'S PROJECT CONSTRUCTION MANAGER.
- FOR MATERIALS PROVIDED BY OTHERS, RESPONSIBLE PARTY SHALL RECEIVE AND REPORT MISSING ITEMS OR DAMAGES TO TENANT PROJECT CONSTRUCTION MANAGER WITHIN 48 HOURS OF RECEIPT. IF FAILED TO DO SO, THEN THE PARTY IS RESPONSIBLE FOR COSTS RELATED TO REPLACING MISSING OR DAMAGED TENANT FURNISHED MATERIALS.
- COORDINATE AND RECORD PROPER RECEIPT OF ALL ITEMS INCLUDING BUT NOT LIMITED TO HAVING ALL NECESSARY EQUIPMENT FOR OFF-LOADING ALL ITEMS FROM TRUCK.
- PROVIDE CONTRACTOR WITH A COPY OF VENDOR ORDER RELEASE PACKAGE. ENSURE THAT VENDOR RELEASE ORDER PACKAGE IS MAINTAINED ON SITE BY FIELD SUPERINTENDENT.
- PROVIDED THE TENANT UPON COMPLETION OF THE PROJECT A COPY OF THE CERTIFICATE OF OCCUPANCY.

STORE TABULATION

AREA	SQ. FT.	CALCULATION	OCCUPANT LOAD	RATIO
SALES AREA:	1461	SQ. FT. / 60 PERSONS	25	65%
STOCK AREA:	3706	SQ. FT. / 300 PERSONS	12	33%
SUPPORT AREA:	778	SQ. FT. / 300 PERSONS	2	2%
TOTALS	11355		166	100%

LESS THAN 500 OCCUPANTS OR MORE THAN 50 REQUIRED 2 EXITS
2 PROVIDED: (1) FOR SALES AND (1) FOR STOCKROOM AND SUPPORT AREA

SCOPE OF WORK

DEMOLITION OF MULTIPLE TENANTS IN THE TYSON'S CORNER MALL INTO A FOOT LOCKER (MERCANTILE). TENANT FIT-OUT INCLUDING LAYOUT RE-DESIGN AND NEW FINISHES THROUGHOUT.

REMOVAL OF EXISTING NON-BEARING INTERIOR WALLS.
DEMOLITION AND NEW DEMISING WALLS, BETWEEN VACANT TENANT AND MALL CORRIDOR.
DEMOLITION AND NEW INTERIOR STOREFRONT.
NEW INTERIOR NON-BEARING PARTITIONS.
NEW HVAC SYSTEM, REFR. MECHANICAL.
DEMOLITION OF MULTIPLE TENANT PLUMBING SYSTEMS, NEW RESTROOM, MOP SINK, AND WATER HEATER.
SPRINKLER AND FIRE ALARM TO REMAIN. SHOP DRAWINGS TO BE SUBMITTED UNDER DEFERRED SUBMITTAL.
DEMOLITION OF EXISTING ELECTRICAL AND INSTALLATION OF NEW FROM MALL SERVICE, NEW LIGHTING AND OUTLETS THROUGHOUT.

SYMBOLS

CALL OUT (1) ← DETAIL NUMBER / LETTER
← DETAIL SHEET

ELEVATION (1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13) (14) (15) (16) (17) (18) (19) (20) (21) (22) (23) (24) (25) (26) (27) (28) (29) (30) (31) (32) (33) (34) (35) (36) (37) (38) (39) (40) (41) (42) (43) (44) (45) (46) (47) (48) (49) (50) (51) (52) (53) (54) (55) (56) (57) (58) (59) (60) (61) (62) (63) (64) (65) (66) (67) (68) (69) (70) (71) (72) (73) (74) (75) (76) (77) (78) (79) (80) (81) (82) (83) (84) (85) (86) (87) (88) (89) (90) (91) (92) (93) (94) (95) (96) (97) (98) (99) (100)

MINIMUM CLEARANCE

MINIMUM CLEARANCE

FINISH IDENTIFIER REF. PP-1 TO DOOR SCHEDULE

COLUMN GRID LINE (A)

REVISION IDENTIFIER

EQUIPMENT IDENTIFIER REF. TO EQUIPMENT SCHEDULE

DOOR IDENTIFIER REF. TO DOOR SCHEDULE

ABBREVIATIONS

AFF. ABOVE FINISH FLOOR	LAV. LAVATORY	RO. ROUGH OPENING
BRS. BEARING	LL. LANDLORD	RUG. RUG
BLDG. BUILDING	MFR. MANUFACTURER	RM. ROOM
B.O.S. BOTTOM OF SOFFIT	MAX. MAXIMUM	SIM. SIMILAR
CLG. CEILING	MIN. MINIMUM	SPEC. SPECIFICATION
CL. CENTER LINE	MISC. MISCELLANEOUS	SQ. SQUARE
CONSTR. CONSTRUCTION	N.I.C. NOT IN CONTRACT	STD. STANDARD
DIA. DIAMETER	O.C. ON CENTER	TYP. TYPICAL
DM. DIMENSION	OPP. OPPOSITE	UNO. UNLESS NOTED OTHERWISE
EQ. EQUAL	PL. PLATE	VERT. VERTICAL
FT. FEET	R. RAD. RADIUS	V.I.F. VERIFY IN FIELD
FLUOR. FLUORESCENT	R.C.P. REFLECTED CEILING	W/ WITH
GA. GAUGE	REQ'D. REQUIRED	W/O WITHOUT
G.C. GENERAL CONTRACTOR	PLAN	WOOD
G.W.B. GYPSUM WALL BOARD	REV. REVISION	
H. HT. HEIGHT	RM. ROOM	
HOR. HORIZONTAL		

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SEAL
Tammy Davis
04-09-04'00'
Lic. No. 04011379

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FL WB 2.0 PROTOTYPE - REV 1 08/27/21

RESPONSIBILITY SCHEDULE

DIVISION	DESCRIPTION	EXISTING	LANDLORD	TENANT	TENANT G.C.	REMARKS	DIVISION	DESCRIPTION	EXISTING	LANDLORD	TENANT	TENANT G.C.	REMARKS			
GENERAL REQUIREMENTS	LEASE OUTLINE DRAWING (LOD)			F			SPECIALTIES	TOILET ROOM ACCESSORIES				B	INC. GRAB BARS, DISPENSERS, SHELVES, ETC.			
	LEASING PLAN			F				TOILET ROOM MIRROR				B				
	BASE BUILDING DRAWINGS			F				STOREFRONT SIGN				B	G.C. TO PROVIDE BLOCKING FOR SIGN INSTALLER			
	SURVEY REPORT			F				STOREFRONT BLADE SIGN								
	CODE RESEARCH			F				PYLON SIGN								
	DESIGN CRITERIA			F				UNDERCANOPY SIGN								
	HAZMAT REPORT			F				INTERIOR ILLUMINATED SIGNAGE								
	LANDLORD PROJECT SCHEDULE							ROOM IDENTIFICATION SIGNAGE								
	CONSTRUCTION PROGRESS REPORTS & PHOTOS				F	MUST BE PROVIDED ON A WEEKLY BASIS TO TENANT PROJECT MANAGER		FITTING ROOM BENCH AND HOOKS			F	I				
	TENANT PROJECT SCHEDULE				F			FITTING ROOM MIRROR FRAME			F	I				
	BARRICADE				B			SALES AREA MIRROR FRAME			F	I				
	BARRICADE GRAPHIC				B	TENANT TO PROVIDE ARTWORK		ALL MIRROR GLAZING				B				
	FIRE EXTINGUISHER				B	AS REQUIRED BY CODE		DISPLAY WINDOW SUSPENSION SYSTEM			F	I				
	TRASH REMOVAL				F			3M WINDOW SECURITY FILM								
	PROFESSIONAL CLEANING				F			EXTERIOR WINDOW ANTI-GRAFFITI FILM								
SITE CONSTRUCTION	DEMOLITION				B		WALL GRAPHIC ANTI-GRAFFITI FILM									
	TRENCHING				B		REVERSE IMAGE VINYL GRAPHIC				B					
CONCRETE	NEW CONCRETE SLAB				B		COMMUNICATION BULLETIN BOARD									
	CONCRETE PATCHING (CEMENTITIOUS)				B	NO ARDEX PRODUCTS PERMITTED	MAGNETIC DETACHER			F	I					
	CONCRETE FILLED STEEL BOLLARDS				B		DISPLAY LIGHTBOXES			F	I					
MASONRY	MASONRY						LOCAL ARTWORK GRAPHICS									
	MASONRY						PROJECTOR									
METAL	STRUCTURAL METAL FRAMING						LED SCREENS / TV MONITORS									
	METAL STUDS						EQUIPMENT	NETWORKING CABINET				B				
	DEMISING WALL				B			SECURITY SAFE				B				
	INTERIOR PARTITIONS				B			REFRIGERATOR / MICROWAVE								
	TOILET ROOM PARTITIONS				B			VENDING MACHINES								
	FURRING				B			FURNISHINGS	DEMOLITION OF FLOOR WALL, & DISPLAY FIXTURES				B			
	UNISTRUTS				B	USED FOR ALL HANGING ITEMS FOR LIGHTING, SPEAKERS, CAMERAS, ETC.			SALES FLOOR FIXTURES & DISPLAYS			F	I			
	EXPANSION JOINTS				B	NOTIFY STORE PLANNER IF FOUND DURING DEMOLITION			PERIMETER WALL DISPLAY SYSTEM			F	I			
	REVEALS				B				PERIMETER WALL DISPLAYS			F	I			
	BRAKE METAL				B				CASHURAP, BACKURAP MILLWORK			F	I			
	METAL STRAPPING				B	FIXTURE MOUNTING - SEE DETAIL			MANAGER'S & TRAINING DESK, CHAIR, & FILE CABINET			F	I			
	FULL HEIGHT SECURITY SHEET METAL				B				BOH STORAGE CABINET, LOCKERS, ACCESSORY UNITS			F	I		INC. SHELVING HANGRODS & HANGERTITE SYSTEM	
	STEEL CORNER GUARDS - NON SALES				B	BACK OF HOUSE AREAS ONLY			STOCK ROOM SHELVING SYSTEM/LADDER SYSTEM			F	I			
	FIRE-DRILLED CORNER GUARDS - SALES				B	SALES AREA AND VESTIBULE ONLY			OFFICE DESK, SHELVES, CHAIR & FILE CABINET							
	HYAC RTU CAGE								BREAKROOM TABLES & CHAIRS							
BURGLAR BARS						SPECIAL CONSTRUCTION			SPECIAL CONSTRUCTION							
STAIRS							SPRINKLER PERMIT					B				
HANDRAILS							SPRINKLER MAIN TO SPACE						B			
WOOD & PLASTIC	CARPENTRY				B				SPRINKLER BRANCH PIPING					B		
	BLOCKING (FR. TYPICAL)				B				SPRINKLER UP-RIGHT HEADS (IF REQ'D)					B		
	WOOD BASE				B			SPRINKLER PENDANT DROP HEADS					B			
WOOD CASE OPENINGS				B			SMOKE EVAC. SYSTEM AND CONTROLS					B				
BREAKROOM KITCHENETTE MILLWORK				B			SMOKE DETECTORS					B				
THERMAL AND MOISTURE PROTECTION	WATERPROOF MEMBRANE				B		VERIFY INTEGRITY OF EXISTING MEMBRANE WHERE REQUIRED	CARBON MONOXIDE DETECTORS					B			
	BATT INSULATION				B			CARBON DIOXIDE DETECTOR					B			
	VAPOR BARRIERS				B			GA5 DETECTOR					B			
	ROOF PENETRATIONS				B			FIRE ALARM BASE BUILDING SYSTEM				B	MONITORED BY THE LANDLORD			
	FIRESTOPPING, SMOKESEALS, FIREPROOFING				B			TENANT IMPROVEMENT FIRE ALARM DEVICES					B			
DOORS & WINDOWS	METAL DOOR & FRAMES				B			LIGHTING MANAGEMENT SYSTEM (LIGHTSTAT)					B			
	SOLID WOOD DOOR & METAL FRAMES				B			CCTV SYSTEM					B			
	DOOR HARDWARE				B		AUDIO SYSTEM					B				
	EXIT PANIC DOOR HARDWARE				B	G.C. TO PROVIDE POWER AND COORDINATE INSTALLATION	LIGHTHAUS					B				
	REAR EGRESS DOOR ASTRAGAL				B		BURGLAR ALARM SYSTEM					B				
FINISHES	FITTING ROOM DOOR /FRAME HARDWARE			F	I		HIGH INCIDENT BURGLAR SYSTEM					B				
	GLASS ENTRY DOORS				B		EAS SYSTEM					B				
	ROLLING GRILLES, BRACING, SWITCHES AND LOCKS				B		CONVEYING SYSTEMS	CONVEYORS								
	SHUTTER GRILLES				B			ELEVATORS								
	STOREFRONT GLAZING AND SYSTEM				B			ESCALATORS								
	ACCESS PANEL				B			SHOE CHUTE								
	FINISHES	CEILING							DUMBWAITER							
		ACOUSTICAL							MECHANICAL & PLUMBING	MECHANICAL DEMOLITION						
		GYPSON BOARD, TAPE AND SPACKLE				B				MECHANICAL EQUIPMENT				B	NAMEPLATE REQUIRED	
		GYPSON BOARD, TAPE AND SPACKLE				B				MECHANICAL ROOF CURBS						
		DEMISING WALL				B				MECHANICAL SERVICE GFI OUTLET & W.P. LIGHT						
		INTERIOR PARTITIONS				B				MECHANICAL MAIN TRUNK					B	
		TOILET ROOM PARTITIONS				B				MECHANICAL EQUIPMENT HANGERS & SUPPORT					B	
		STOREFRONT SOFFIT GYP. BD, TAPE, & SPACKLE				B				MECHANICAL BRANCH DUCTS					B	
		PORCELAIN TILE				B				MECHANICAL DIFFUSERS AND GRILLES					B	
MALL TILE					B			MECHANICAL DUCT INSULATION						B		
TILE SETTING MATERIALS, ACCESSORIES					B			MECHANICAL DUCT DETECTOR						B		
DYE POLISH CONCRETE					B	G.C. TO COORDINATE INSTALLATION	DUCT HEATERS						B			
CONCRETE OVERLAY							CONDENSATE FANS						B			
WALK-OFF MAT							TEMPERATURE CONTROL SYSTEM						B	THERMOSTAT - LIGHTSTAT MANUFACTURER ONLY		
VINYL COMPOSITE TILE (VCT)					B		FIRE DAMPERS						B			
VINYL BASE				B		VOLUME DAMPERS						B				
VINYL WALLCOVERING				F	I	CERTIFIED AIR BALANCE REPORT					B					
VINYL WALLCOVERING ADHESIVE				B		AIR CURTAIN					B					
VINYL WALLCOVERING FINISH TRIM				B		PLUMBING DEMOLITION					B					
STOREFRONT VINYL WALL GRAPHIC & SEALER				B		TOILET EXHAUST FAN, DUCTWORK, ROOF CAP			F			NEW EXHAUST FAN / LIGHT COMBINATION UNIT AT ALL TIMES, FIXTURE BY TENANT				
PAIN AND PAINTING				B		PLUMBING (SAN, DCW, VENT, STUB-IN)										
ACRYLIC/PVC THERMOPLASTIC PANEL (NEPLAS)				B		PLUMBING FIXTURES										
MASONITE				B		FLOOR DRAIN										

DIVISION	DESCRIPTION	EXISTING	LANDLORD	TENANT	TENANT G.C.	REMARKS	DIVISION	DESCRIPTION	EXISTING	LANDLORD	TENANT	TENANT G.C.	REMARKS	
ELECTRICAL	ELECTRICAL DEMOLITION						ELECTRICAL	ELECTRICAL DEMOLITION					B	
	MAIN ELECTRICAL SERVICE CONDUIT							MAIN ELECTRICAL SERVICE CONDUIT						B
	MAIN ELECTRICAL SERVICE WIRING							MAIN ELECTRICAL SERVICE DISCONNECT						B
	FEEDER CABLE							ELECTRICAL PANELS						B
	ELECTRICAL TRANSFORMERS							ELECTRICAL TRANSFORMERS						B
	TELEPHONE CONDUIT & FULL WIRE							TELEPHONE CONDUIT & FULL WIRE						B
	MAIN TELEPHONE BOARD & EQUIPMENT							DIGITAL TIME CLOCK						B
	CASHURAP CABLE & RELATED CONNECTIONS							CASHURAP CABLE & RELATED CONNECTIONS					B	COORDINATE W/ TENANT CONSTRUCTION PROJECT MANAGER
	CASHURAP CONDUIT & FULL WIRE							REGISTERS, COMPUTERS, PRINTERS, ETC.					B	COORDINATE W/ TENANT CONSTRUCTION PROJECT MANAGER
	ELECTRICAL OUTLETS AND DEVICES							ELECTRICAL OUTLETS AND DEVICES						B
	EXTERIOR LIGHTING FIXTURES AND LAMPS							EXTERIOR LIGHTING FIXTURES AND LAMPS						B
	INTERIOR LIGHTING FIXTURES AND LAMPS							EMERGENCY & EXIT LIGHTING FIXTURES					F	I
	PLUGMOLD							PLUGMOLD					F	I
	ELECTRICAL FEED & CIRCUIT TO STOREFRONT SIGN							ELECTRICAL FEED & CIRCUIT TO STOREFRONT SIGN						B
	ELECTRICAL FEED & CIRCUIT TO BLADE SIGN							ELECTRICAL FEED & CIRCUIT TO BLADE SIGN						B
DENMARC PANELS						DENMARC PANELS						B		
FIRE WALL PENETRATION - CONDUIT / SLEEVES						FIRE WALL PENETRATION - CONDUIT / SLEEVES						B		
LOW VOLTAGE RESPONSIBILITY SCHEDULE														
ELECTRICAL	CONDUIT, RACEWAY/BACK BOXES, TRIM RINGS, & FULL STRINGS					COORDINATE W/ TENANT CONSTRUCTION PROJECT MANAGER	ELECTRICAL	CONDUIT, RACEWAY/BACK BOXES, TRIM RINGS, & FULL STRINGS					B	
	SPECIALTY POWER OUTLETS UPS, PDU INSIDE IDF							SPECIALTY POWER OUTLETS UPS, PDU INSIDE IDF				F	I	
	SPEAKER CONDUIT, BOXES, AIRCRAFT CABLE & COVER PLATES							SPEAKER CONDUIT, BOXES, AIRCRAFT CABLE & COVER PLATES					B	
	SECURITY CONDUIT, BOXES, AIRCRAFT CABLE & COVER PLATES							IT FLOOR BOXES AND POKE THROUGH DEVICES					B	
	IT FLOOR BOXES AND POKE THROUGH DEVICES							SUPPORT FOR VOICE/DATA CABLING (CABLE TRAY)				D		
	SUPPORT FOR VOICE/DATA CABLING (CABLE TRAY)							SUPPORT FOR VOICE/DATA CABLING (CABLE TRAY)					B	
	SUPPORT FOR VOICE/DATA CABLING (SNAKE TRAY)							SUPPORT FOR VOICE/DATA CABLING (SNAKE TRAY)					B	
	SUPPORT FOR VOICE/DATA CABLING FREE AIR (J-HOOKS)							IT LOW VOLTAGE CABLING					B	
	IT LOW VOLTAGE CABLING							IT CONNECTORS					B	
	IT CONNECTORS							VOICE/DATA CABLING, PLATES, TERMINATION, & TESTING					B	
	VOICE/DATA CABLING, PLATES, TERMINATION, & TESTING							WIRELESS ACCESS POINT & WALL PHONE BRACKET				B	F	
	WIRELESS ACCESS POINT & WALL PHONE BRACKET							EQUIPMENT RACK & CABLE PATHWAYS INSIDE IDF					B	
	EQUIPMENT RACK & CABLE PATHWAYS INSIDE IDF							GROUNDING BUS BAR AND BONDING					B	
	GROUNDING BUS BAR AND BONDING							GROUNDING & BONDING OF EQUIPMENT RACK & OTHER MEANS					B	
	GROUNDING & BONDING OF EQUIPMENT RACK & OTHER MEANS							FIRE WALL SLEEVES FOR HORIZONTAL CABLING					B	
FIRE WALL SLEEVES FOR HORIZONTAL CABLING						ACTIVATION ELECTRONIC EQUIPMENT & CARRIER COORDINATION					B			
ACTIVATION ELECTRONIC EQUIPMENT & CARRIER COORDINATION														

DIVISION	DESCRIPTION	EXISTING	LANDLORD	TENANT	TENANT G.C.	REMARKS	DIVISION	DESCRIPTION	EXISTING	LANDLORD	TENANT	TENANT G.C.	REMARKS
MECHANICAL & PLUMBING	MECHANICAL DEMOLITION						MECHANICAL & PLUMBING	MECHANICAL DEMOLITION					B
	MECHANICAL EQUIPMENT					NAMEPLATE REQUIRED		MECHANICAL EQUIPMENT					B
	MECHANICAL ROOF CURBS							MECHANICAL ROOF CURBS					
	MECHANICAL SERVICE GFI OUTLET & W.P. LIGHT							MECHANICAL SERVICE GFI OUTLET & W.P. LIGHT					
	MECHANICAL MAIN TRUNK							MECHANICAL MAIN TRUNK					
	MECHANICAL EQUIPMENT HANGERS & SUPPORT							MECHANICAL EQUIPMENT HANGERS & SUPPORT					
	MECHANICAL BRANCH DUCTS							MECHANICAL BRANCH DUCTS					
	MECHANICAL DIFFUSERS AND GRILLES	</											

GENERAL NOTES	
<p>GENERAL CONTRACTOR TO:</p> <ol style="list-style-type: none"> VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS. BRING ANY DEVIATIONS TO THE ATTENTION OF THE TENANT'S PROJECT MANAGER. ALL DIMENSIONS SHOWN SHALL BE CONSIDERED APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO BEGINNING WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ERRORS UNDER THE CONTRACT. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL SETBACKS, AND/OR EASEMENTS, EXISTING UTILITIES, AND ANY UNDERGROUND OR SURFACE STRUCTURE OR CONDITIONS PRIOR TO COMMENCING WORK. UPON COMPLETION OF THE WORK, PROVIDE AND INSTALL A WALL FRAME WITH CLEAR FLEXI FACE OVER THE MANAGER'S DESK CONTAINING CERTIFICATE OF OCCUPANCY. UPON COMPLETION OF THE WORK, PROVIDE AND INSTALL A P.V.C. TUBE AS SPECIFIED IN THE PLANS WITH A COMPLETE COPY OF THE AS-BUILT CONSTRUCTION DOCUMENTS. SEE RESPONSIBILITY SCHEDULE FOR CLARIFICATION OF WORK. UPON COMPLETION OF JOB, GENERAL CONTRACTOR TO LEAVE BEHIND AT LEAST (1) CASE OF CEILING FLOOR TILE IF APPLICABLE. 	
DIVISION I GENERAL REQUIREMENTS/ GENERAL CONDITIONS	
<p>THE DESIGNATED PARTY SHALL BE RESPONSIBLE FOR A COMPLETE AND OPERATIONAL TENANT SPACE INCLUDING, BUT NOT LIMITED TO ALL FINISHES, MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION.</p> <p>A - COORDINATION.</p> <ol style="list-style-type: none"> OBTAIN A COPY OF THE TENANT CONTRACTOR GUIDELINES HANDBOOK AND COPY IT WITH THE REQUIREMENTS NOTED IN PARTICULAR THE REQUIREMENTS SHALL CONSTRUCTION PROCEDURES, UTILITY LOCATIONS, TEMPORARY REQUIREMENTS, HALL CONSTRUCTION PROCEDURES, TEMPORARY BARRICADE WALLS, CONSTRUCTION MATERIALS, HALL OFF, AND PERMIT INFORMATION. COORDINATE WORK WITH THE WORK OF OTHER TRADES AND OCCURRING AT THE SAME TIME AND GENERAL CONTRACTOR TO AVOID CONFLICTS AND EXPEDITE THE COMPLETION OF THE PROJECT. NO WORK SHALL COMMENCE WITHOUT CONSENT OF THE LANDLORD. <p>B - QUALITY OF WORK.</p> <p>ALL WORK SHALL BE PERFORMED IN A SAFE AND WORKMAN LIKE MANNER IN ACCORDANCE WITH ACCEPTED CONSTRUCTION STANDARDS AND ALL CONSTRUCTION PROCEDURES SHALL BE IN STRICT ACCORDANCE WITH THE PLANS UNLESS A VARIANCE IS APPROVED BY THE TENANT AND ALL AUTHORITIES HAVING JURISDICTION. ALL EQUIPMENT MATERIALS UNDER THE CONTRACT ARE TO BE NEW UNLESS OTHERWISE SPECIFIED IN THE PLANS.</p> <p>C - CODE COMPLIANCE.</p> <p>IT IS THE RESPONSIBILITY OF THE DESIGNATED PARTY TO MAKE CERTAIN THAT ALL WORK IS IN COMPLIANCE WITH ALL CODES, ORDINANCES, AND REGULATIONS OF ALL PUBLIC AUTHORITIES HAVING JURISDICTION (E.G. N.E.C., E.T.C.).</p> <p>D - DIMENSIONS.</p> <p>UNLESS OTHERWISE NOTED, ALL DIMENSIONS ARE MEASURED FROM FINISHED TO FINISHED FACE OF MATERIALS, FACE OF STROKFRONT, OR LEASE LINE. VERIFY ALL PROPOSED DIMENSIONS TO BE CONSISTENT WITH FIELD CONDITIONS. ADVISE TENANT'S PROJECT CONSTRUCTION MANAGER OF ANY DISCREPANCY BETWEEN THE DRAWINGS AND ACTUAL JOB CONDITIONS BEFORE COMMENCING THE WORK. ALL ANGLES TO BE 90 OR 45 DEGREES, UNLESS OTHERWISE NOTED IN THE CONSTRUCTION DOCUMENTS.</p> <p>E - SHOP DRAWINGS.</p> <ol style="list-style-type: none"> SUBMIT THE NUMBER OF COPIES REPRODUCTIONS WHICH CONTRACTOR REQUIRES, PLUS TWO COPIES TO THE TENANT'S PROJECT CONSTRUCTION MANAGER FOR APPROVAL. SUBMITTALS MUST BE SCHEDULED SO AS NOT TO IMPEDIE THE PROGRESS OF THE WORK. MARK EACH COPY TO IDENTIFY APPLICABLE COPIES, MODEL OPTIONS, AND OTHER DATA. SUPPLEMENT MANUFACTURER'S STANDARD DATA TO PROVIDE INFORMATION SPECIFIC TO THIS WORK. INDICATE SPECIAL UTILITY AND ELECTRICAL CHARACTERISTICS, UTILITY CONNECTION REQUIREMENTS, AND LOCATION OF UTILITY OUTLETS FOR SERVICE FOR FUNCTIONAL EQUIPMENT AND APPLIANCES. IDENTIFY VARIATIONS FROM CONTRACT DOCUMENTS AND PRODUCT OR SYSTEM LIMITATIONS WHICH MAY AFFECT THE CONSTRUCTION PROCESS. DIRECT ALL SUBMITTALS TO THE TENANT'S PROJECT CONSTRUCTION MANAGER. <p>F - GUARANTEE.</p> <p>GUARANTEE WRITING ALL WORK FOR A PERIOD OF ONE YEAR FROM DATE OF COMPLETION AND ACCEPTANCE BY THE TENANT. ALL WORK SHALL CONFORM TO REQUIREMENTS OUTLINED IN THE LANDLORD'S SPECIFICATION TO LESSEE AND SHALL BE APPROVED BY THE LANDLORD.</p> <p>G - SUPERVISION.</p> <p>PROVIDE A FULL TIME, QUALIFIED SUPERVISOR ON THE JOB SITE. ANY WORK REQUIRED TO BE COMPLETED DURING NON-BUSINESS HOURS SHALL BE INCLUDED IN THE BID. NOTIFY HALL MANAGER PRIOR TO PERFORMING ANY NON-BUSINESS HOUR WORK.</p> <p>H - UTILITIES.</p> <p>ARRANGE AND PAY FOR ALL TEMPORARY UTILITIES. FOOTLOCKER INC. MANAGEMENT DEPARTMENT WILL ESTABLISH OR TRANSFER SERVICE UNDER THE FOOTLOCKER INC. NAME UPON COMPLETION OF CONSTRUCTION AND TURNOVER FOR MERCHANDISING.</p> <p>I - TELEPHONE.</p> <p>INSTALL AN ON SITE JOB TELEPHONE AND FAX MACHINE DURING THE ENTIRE CONSTRUCTION PERIOD AND NOTIFY THE TENANT'S PROJECT MANAGER IMMEDIATELY OF THE TELEPHONE AND FAX NUMBERS. TENANT MAY OBTAIN LOCAL AND LONG DISTANCE TELEPHONE SERVICE FROM ITS PROVIDER OF CHOICE.</p> <p>J - TRASH REMOVAL.</p> <p>THE DESIGNATED PARTY SHALL BE RESPONSIBLE FOR DAILY REMOVAL OF ALL TRASH, RUBBISH AND HAZARDOUS MATERIALS FROM THE JOB SITE.</p> <p>KEEP UP CLEAN UP AT TURNOVER.</p> <p>THE STORES IS TO BE PROFESSIONALLY CLEANED AND LEFT IN "READY FOR SELLING" CONDITION. STROBE LIGHTS, STORE FIXTURES, ADJACENT NEUTRAL PIERS, AND LANDLORD'S BULKHEAD ARE TO BE CLEANED OF ALL DUST, GROUT, AND MISCELLANEOUS MATERIAL. REMOVE ALL PROTECTIVE COVERINGS AND ALL CONSTRUCTION MATERIALS AS DIRECTED BY THE PROJECT MANAGER. HVAC FILTERS TO BE CHANGED FOLLOWING CLEANING.</p> <p>K - IDENTIFICATION.</p> <p>TO THE FULLEST EXTENT PERMITTED BY LAW, THE CONTRACTOR SHALL IDENTIFY AND HOLD HARMLESS THE LANDLORD, TENANT, AND ARCHITECT AND THEIR AGENTS AND EMPLOYEES FROM AND AGAINST ALL CLAIMS, DAMAGES, ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING BUT NOT LIMITED TO ATTORNEY'S FEES ARISING OUT OF OR RESULTING FROM THE PERFORMANCE OF THE WORK PROVIDED THAT ANY SUCH CLAIM, DAMAGE, LOSS OR EXPENSE IS ATTRIBUTABLE TO BODILY INJURY, SICKNESS, DEATH OR DEATH, OR TO INJURY OR TO DESTRUCTION OF TANGIBLE PROPERTY (OTHER THAN THE WORK ITSELF) INCLUDING THE LOSS OF USE RESULTING THEREFROM.</p> <p>L - MISSING/DAMAGED FREIGHT.</p> <ol style="list-style-type: none"> OPEN BOXES WITH OBVIOUS DAMAGE. BEFORE SIGNING THE FREIGHT BILL, NOTE SPECIFICALLY THE ITEMS DAMAGED, OR MISSING. (EXAMPLE: 4) PANELS - PERIMETER WALL DAMAGED, DO NOT JUST NOTE "CARTON OR PALLET DAMAGED". AFTER THE PROBLEM IS NOTED ON THE FREIGHT BILL, HAVE CARRIER DRIVER ALSO SIGN IT. THIS WILL VERIFY THAT BOTH PARTIES AGREE TO THE EXTENT OF DAMAGE. IF ITEMS ARE DAMAGED OR DISCOVERED ONLY UPON UNPACKING THE FREIGHT, IN ORDER TO RECEIVE PAYMENT IN SUCH CASE, THE TENANT MUST PROVE THAT THE FREIGHT WAS DELIVERED IN DAMAGED CONDITION. THEREFORE, ALL CARTONS MUST BE INSPECTED FOR SIGNS OF DAMAGE OR ABUSE, AND IF FOUND, THE FREIGHT BILL SHALL BE NOTED AND SIGNED AS IN 1 AND 2 ABOVE. SEND ALL REQUIRED DOCUMENTATION VIA FAX TO TENANT PURCHASING MANAGER OR PROJECT CONSTRUCTION MANAGER WITHIN 48 HOURS OF TAKING RECEIPT OF MATERIALS. IF TENANT'S CONTRACTOR FAILS TO FOLLOW THIS PROCEDURE, TENANT'S CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS RELATED TO THE REPLACEMENT OF MISSING OR DAMAGED "TENANT FURNISHED" MATERIALS. <p>M - GENERAL CONTRACTOR'S MASTER AGREEMENT.</p> <p>GENERAL CONTRACTOR SHALL ADHERE TO ALL ITEMS AS SET FORTH IN THE MASTER AGREEMENT BETWEEN THE GENERAL CONTRACTOR AND FOOT LOCKER, INC.</p>	

DIVISION II SITE CONSTRUCTION

<p>DESCRIPTION.</p> <ol style="list-style-type: none"> VISIT THE SITE PRIOR TO BID SUBMISSION AND VERIFY ALL EXISTING CONDITIONS (IE. OVERALL CONDITIONS AND AS SHOWN ON THE DRAWINGS, CLEARANCES, ETC.) AGAINST THE PROPOSED WORK. REPORT ANY DISCREPANCIES, OMISSIONS, OR OBSTRUCTIONS THAT WILL AFFECT THE LAYOUT OR DESIGN IMMEDIATELY TO THE TENANT'S PROJECT CONSTRUCTION MANAGER. ALL CONDITIONS AND DIMENSIONS SHOWN ARE FOR REFERENCE ONLY AND MUST BE FIELD VERIFIED. UPON COMPLETION OF ALL DEMOLITION, ALL CONDITIONS AND DIMENSIONS ARE TO BE VERIFIED AGAIN FOR VARIANCES AGAINST THE PROPOSED WORK. REPORT ANY DISCREPANCIES IMMEDIATELY TO THE TENANT'S PROJECT CONSTRUCTION MANAGER. THIS PORTION OF THE WORK INCLUDES ALL LABOR, MATERIALS AND SERVICES NECESSARY FOR AND REASONABLY INCIDENTAL TO COMPLETE ALL DISMANTLING, DEMOLITION, AND SALVAGE AS SHOWN AND NOTED ON THE DRAWINGS AND SPECIFIED HEREIN. PROTECT ALL AREAS NOT INCLUDED IN THE WORK. ANY DAMAGE THAT OCCURS AS A RESULT OF THE WORK SHALL BE REPAIRED TO A LIKE NEW CONDITION AT THE GC. EXPENSE. NO ALTERATIONS TO THE EXISTING STRUCTURAL MEMBERS ARE ALLOWED UNLESS SPECIFICALLY NOTED. REFER TO ARCHITECTURAL AND MEP DRAWINGS FOR SCOPE OF NEW WORK. MAINTAIN AND/OR REPAIR ALL FIRE RATED ASSEMBLIES AND SEPARATIONS (PARTITION, FLOOR, CEILING, OR BETWEEN ADJACENT TRADES, ETC.) REQUIRED BY CODE OR REGULATION. DISPOSITION OF SERVICES. <ol style="list-style-type: none"> EXISTING SERVICES THAT WILL BE DISRUPTED BY CONSTRUCTION WORK SHALL BE RE-ROUTED AS NECESSARY TO PROVIDE TEMPORARY CONTINUATION SERVICE. DISCONNECTED SERVICES SHALL BE PLUGGED AND SEALED IN AN APPROVED MANNER. SPRINKLER SHUT-DOWN SHALL BE COORDINATED WITH THE BUILDING FLOOR TO EXECUTION WORK. ABANDONED ELECTRICAL WIRING. <ol style="list-style-type: none"> CONDUITS AND OTHER UTILITIES ENCOUNTERED IN THE PROGRESS OF THE DEMOLITION THAT ARE TO BE ABANDONED SHALL BE ABANDONED AND THE DROPS PLUGGED IN AN APPROVED MANNER. ANY ABANDONED UTILITIES INTERFERING WITH WORK UNDER THIS CONTRACT SHALL BE REMOVED UP TO THE EXTENT THAT THEY INTERFERE WITH NEW CONSTRUCTION. SALVAGED MATERIALS AND EQUIPMENT. <ol style="list-style-type: none"> REFER TO THE PLANS FOR ITEMS TO BE SALVAGED. CONSULT WITH THE TENANT REPRESENTATIVE PRIOR TO THE DISPOSAL OF MATERIALS AND EQUIPMENT. PACKAGE, PROTECT, AND STORE SALVAGED ITEMS FOR FUTURE USE. DISPOSAL OF NON-SALVAGED MATERIALS AND EQUIPMENT. <ol style="list-style-type: none"> ALL MATERIALS AND EQUIPMENT NOT SCHEDULED TO BE SALVAGED, INCLUDING DEBRIS, SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN A LEGAL MANNER. LOCATION OF DISPOSAL AREA AND LENGTH OF HAUL SHALL BE CONTRACTOR'S RESPONSIBILITY. 	
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DIVISION III CONCRETE	
<p>A - PATCHING (WHEN REQUIRED).</p> <ol style="list-style-type: none"> MINIMUM 3000 PSI CONCRETE FILLER AND PATCHING WHERE EXISTING SLAB HAS BEEN REMOVED FOR UNDER SLAB CONDUITS, PLUMBING, ETC. <p>B - CONCRETE SLAB.</p> <p>INSTALL MINIMUM 3000 PSI CONCRETE WITH 4" X 6" W x 4 W x 4 W AT MID LEVEL OVER 6 MIL VAPOR BARRIER (AT SLAB ON GRADE CONDITIONS OR ADHERE TO LOCAL CODE REQUIREMENTS). INSTALL CONTROL JOINTS AT MAX. 200 SF.</p>	
DIVISION IV MASONRY	
<p>NO WORK IS ANTICIPATED UNDER THIS SECTION UNLESS REQUIRED FOR PROPER CUTTING AND REPAIR OF BUILDING SHELL. IN THIS EVENT, ALL WORK SHALL BE PERFORMED TO THE HIGHEST LEVELS OF QUALITY AND CRAFTSMANSHIP AND SHALL BE COORDINATED WITH LANDLORD'S REPRESENTATIVE.</p>	
DIVISION V METALS	
<p>A - METAL STUDS.</p> <ol style="list-style-type: none"> MINIMUM GAUGE OF STUDS SHALL BE DETERMINED BY CHART ON DRAWING AL FOR NON-SALES WALLS, AT STOREFRONT OR WALLS WITH DECKS ABOVE. 500 OR 600 SERIES AS REQUIRED FOR APPLICATION (OPTIONAL 1" DEPTH) WITH ELASTOMERIC FILLER TO MATCH FINISH AS MANUFACTURED BY CONSPEC SYSTEMS INC., MINN. PA. (717) 546-9941, (800) 899-9493. PROVIDE ALL FASTENERS, SCREWS, BOLTS, CLIPS, ANCHORS, ANGLES, BRIDGES, BRACKETS, SLEEVES, ETC. AS REQUIRED. <p>B - STRUCTURAL STEEL AND/OR HEAVY GAUGE METAL FRAMING.</p> <ol style="list-style-type: none"> INSTALL FRAMING, CONNECTION PLATES, SCREWS, BOLTS, ETC. AS SHOWN IN THE PLANS AND DETAILS. <p>C - CORNER GUARDS.</p> <ol style="list-style-type: none"> PROVIDE AND INSTALL METAL CORNER GUARDS AT ALL OUTSIDE CORNERS IN NON-SALES AREA REFER TO SECTION 11.01. <p>D - REVEALS.</p> <ol style="list-style-type: none"> INSTALL METAL REVEALS SIZE & LENGTH AS MAY BE INDICATED ON THE PLANS, BLOCKING OR BACKING AS REQUIRED TO SECURE SHALL BE PROVIDED. PAINT OR FINISH PER PLANS. <p>E - EXPANSION JOINTS - INSTALL AS PER PLANS AND PER SPECIFICATIONS.</p> <ol style="list-style-type: none"> USE 993 FOR CEILING AND WALLS, AS THAT BE INDICATED IN THE DRAWINGS. 900 OR 900 SERIES AS REQUIRED FOR APPLICATION (OPTIONAL 1" DEPTH) WITH ELASTOMERIC FILLER TO MATCH FINISH AS MANUFACTURED BY CONSPEC SYSTEMS INC., MINN. PA. (717) 546-9941, (800) 899-9493. <p>F - UNISUB SPACE FRAME GRID SYSTEM AS REQUIRED FOR LIGHTING, CEILING ACCESSORIES OR MECHANICAL SYSTEMS SUPERVISION.</p> <ol style="list-style-type: none"> PROVIDE AND INSTALL PER MANUFACTURER'S SPECIFICATIONS WITH ALL ACCESSORIES REQUIRED FOR A COMPLETE JOB. SUPPORT WITH THREADED RODS AND NUTS FROM STRUCTURE AS REQUIRED OR DETAILED. CONTACT IN/STRT SPACE FRAME SYSTEM AT (630) 713-3460. 	

DIVISION VI WOOD & PLASTICS

<p>A - CARPENTRY & BLOCKING.</p> <p>BEFORE USING WOOD FRAMING OR BLOCKING OF ANY TYPE, CONFIRM CODE RESTRICTIONS. IF USE OF WOOD IS PERMITTED BY REGULATIONS, REFER TO THE FOLLOWING GUIDELINES:</p> <ol style="list-style-type: none"> USE NEW LUMBER BEARING GRADE AND TRADEMARK OF ASSOCIATION UNDER WHICH IT WAS PRODUCED. ALL MATERIALS SHOULD HAVE FACTORY EDGES AND CORNERS. LAYOUT, CUT, FIT AND ERECT FRAMING FOR ROUGH AND FINISHED WORK. INSTALL BLOCKING, NAILERS, FURNISH AND OTHER ROUGH AND FINISHED MATERIALS AS REQUIRED. BRACE, PLUMB AND LEVEL MEMBERS IN TRUE ALIGNMENT AND RIGIDLY SECURE IN PLACE WITH SUFFICIENT NAILS, SPIKES, SCREWS AND BOLTS AS NECESSARY. FURNISH AND INSTALL ROUGH AND FINISHED PLYWOOD, FURRING, SUPPORTS, ETC. FURNISH AND INSTALL ALL ROUGH HARDWARE, ANCHORS, BOLTS, ETC. AS REQUIRED FOR CARPENTRY WORK. ALL EXISTING OR NEW WOOD SHALL BE FIRE RETARDANT AND MUST BE IDENTIFIED WITH A U.L. LABEL, CERTIFYING THIS CLASSIFICATION. <p>B - MILLWORK.</p> <ol style="list-style-type: none"> RECEIVE AND INSTALL ALL PRE-FINISHED MILLWORK AND CABINETS, FIXTURES, PANELING, DOORS AND TRAPES, ETC. AS SHOWN ON DINGS OR AS DIRECTED. CUT, FIT AND INSTALL ALL MILLWORK AND SET PLUMB AND TRUE IN ACCORDANCE WITH ASSEMBLY /INSTALLATION DRAWINGS PROVIDED. BACK OUT FLAT TRIP TO PREVENT WARPING. DRILL WHERE NECESSARY TO PREVENT SPLITTING. CONFIRM BLOCKING REQUIREMENTS WITH VENDORS PRIOR TO CLOSING UP ALL ASSEMBLIES. ALL FIXTURES ARE TO PROFESSIONALLY CLEANED. 	
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DIVISION VII THERMAL & MOISTURE PROTECTION

<p>A - VAPOR BARRIER.</p> <p>PROVIDE AND INSTALL 6 MIL POLYETHYLENE BELOW ALL REQUIRED PLANT AREAS AT SLAB ON GRADE CONDITIONS AND 4 MIL POLYETHYLENE AT WALLS THAT RECEIVE BATH INSULATION.</p>	
<p>B - ELASTOMERIC CRACK BRIDGING.</p> <p>PROVIDE AND INSTALL ELASTOMERIC CRACK BRIDGING AS MANUFACTURED BY NATIONAL APPLIED CONSTRUCTION PRODUCTS, INC., P.O. BOX 266, CUYAHOGA FALLS, OHIO 44223 PHONE 216-328-3444, OR APPROVED EQUAL.</p>	
<p>C - BATT INSULATION.</p> <p>INSTALL MINIMUM R-13 FRICTION RIT, FULL BATT INSULATION AS MANUFACTURED BY OWENS-CORNING FIBERGLASS OR EQUAL, WHERE INDICATED ON DRAWINGS.</p>	
<p>D - WATERPROOF MEMBRANE.</p> <p>PROVIDE AND INSTALL (1) 30 MIL (17) 30 MIL (17) WATERPROOF MEMBRANE. EXTEND A MINIMUM OF 4" UP VERTICAL SURFACES IN TOILET ROOMS AS REQUIRED BY LANDLORD, CARRIER AS PER MANUFACTURER'S SPECIFICATIONS.</p>	
<p>E - FIRESTOPPING.</p> <ol style="list-style-type: none"> PROVIDE AND INSTALL UL TESTED FIRESTOPPING ASSEMBLIES AS ARE APPLICABLE FOR EACH CONDITION ENCOUNTERED. IN THE ABSENCE OF TESTED ASSEMBLIES, PROVIDE FIRESTOPPING ASSEMBLIES AS RECOMMENDED BY THE FIRESTOPPING SYSTEM MANUFACTURER'S STAFF ENGINEERS AND AS APPROVED BY AUTHORITIES HAVING JURISDICTION. PROVIDE FIRE RATED ENCLOSURES FOR ALL NON-PROTECTED STRUCTURAL MEMBERS AS REQUIRED BY ALL AUTHORITIES HAVING JURISDICTION. ALL EXISTING GFRAT FIREPROOFING SHALL BE PATCHED AS REQUIRED TO MAINTAIN REQUIRED RATING. INSTALL SPRAY ON FIREPROOFING ONTO UNTREATED UNDERSIDES ROOF/FLOOR DECKS AS IF REQUIRED BY LOCAL AUTHORITIES. 	

DIVISION VIII DOORS & WINDOWS

<p>A - DOORS AND HARDWARE.</p> <ol style="list-style-type: none"> INSTALL ALL DOORS, FRAMES AND HARDWARE AND RELATED PARTS AND MATERIALS AS INDICATED ON THE DRAWINGS. HOLLOW METAL FRAMES: K.D. MINIMUM 1/8 GA. SIZE, SHAPE AND PARTITION TYPE PER DOOR SCHEDULE. LABELLED DOORS: WHERE REQUIRED, PROVIDE U.L. LABEL DOORS AND FRAMES PER APPLICABLE STATE AND LOCAL BUILDING CODES. FABRICATE AND ERECT TRUE, PLUMB AND SQUARE AS SPECIFIED AND DETAILED AND AS PER MANUFACTURER'S RECOMMENDATIONS. REFER TO THE DOOR SCHEDULE FOR SPECIFICATIONS. <p>B - STOREFRONT GLAZING.</p> <ol style="list-style-type: none"> GLAZING: 1/2" THICK CLEAR THERMOFLEX GLASS (OR AS INDICATED ON DRAWINGS), POLISH ALL EXPOSED EDGES. PROVIDE AND INSTALL GLAZING CLIPS OR BUTTONS AS REQ'D BY LOCAL CODE. REFER TO DETAILS FOR GLAZING BASE AND HEAD CHANNELS. <p>C - GLASS AND GLAZING.</p> <ol style="list-style-type: none"> MIRRORS SHALL BE 1/4" CLEAR PLATE GLAZING AND INSTALLED BY THE CONTRACTOR WITH CONTINUOUS CHROME J-CLIP, S-TY, HARK, M2006B OR EQUAL TOP AND BOTTOM AND ADHESIVE RECOMMENDED BY THINOR MANUFACTURER. SEAL ALL EDGES WITH CLEAR SILICON CALK, ALL SIDES. <p>D - ACCESS DOORS.</p> <ol style="list-style-type: none"> PROVIDE FLUSH TYPE METAL ACCESS DOORS MIN 1/4" X 20", OR AS SPECIFIED ON THE DRAWINGS, MANUFACTURED FROM #14 GA. STEEL, COMPLETE W/ FLUSH FLANGE TYPE FRAMES MANUFACTURED FROM #16 GA. STEEL W/ ANCHORS. INSTALL ACCESS DOORS WHERE NECESSARY TO PROVIDE ACCESS TO CONCEALED VALVES, AND OTHER EQUIPMENT REQUIRING SERVICE OR INSPECTION AND AS APPROVED BY THE TENANT'S PROJECT MANAGER. ACCESS DOORS SHALL BE SUITABLE FOR INSTALLATION IN THE SPECIFIED WALL AND CEILING MATERIALS. ACCESS DOORS LOCATED IN FIRE RATED WALLS, FLOORS, CEILING-FLOOR OR CEILING-ROOF ASSEMBLIES SHALL BE UL FIRE RATED LISTED AND LABELED. PROVIDE KEYS TO LOOK AT ALL ACCESS DOORS IN COMMON AREAS. FINISH TO MATCH ADJACENT SURFACES. <p>E - STOREFRONT CLOSURE.</p> <p>INSTALLATION AND SUPPORT OF ROLL-UP GRILLE OR SECURITY GATE MUST COMPLY WITH LOCAL CODES.</p> <ol style="list-style-type: none"> REMOVE NON-STRUCTURAL OR NON-BASE BUILDING COMPONENT OBSTRUCTIONS THAT WILL HINDER INSTALLATION OF GRILLE. COORDINATE DELIVERY AND INSTALLATION WITH INSTALLER. PROTECT GRILLE FROM DAMAGE BEFORE, DURING, AND AFTER INSTALLATION. 	
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DIVISION IX FINISHES	
<p>A - GYPSUM DRYWALL.</p> <ol style="list-style-type: none"> PROVIDE AND INSTALL ALL GYPSUM DRYWALL SYSTEMS COMPLETE WITH PARTITION FRAMING, CEILING SUSPENSION SYSTEMS AND RELATED ACCESSORIES, PARTS, MATERIALS, ETC. AS SHOWN ON THE DRAWINGS AND AS SPECIFIED. INSTALL ALL MATERIALS PER THE FRFR'S SPECIFICATIONS AND RECOMMENDATIONS. GYPSUM DRYWALL: U.S. GYPSUM OR GOLD BOND 5/8" THICK FIRE CODE SHEET ROCK ("X") PANELS OF STANDARD QUALITY OR APPROVED EQUAL. NOTE: USE OF OVERSEAS MANUFACTURED GYPSUM BOARD IS STRICTLY PROHIBITED. FASTENERS: DRILL AND BORE OF PROPER SIZE AND TYPE. ACCESSORIES AND TRIM: U.S. GYPSUM BOARD OR GOLD BOND SYSTEM OF COMPONENTS AND PERFORATED TAPE. ALL METAL TRIM SHALL BE PERFORATED FLANGE TYPE FOR COMPOUND FINISH. <p>B - DRYWALL CEILING SUSPENSION.</p> <ol style="list-style-type: none"> GYPSUM BOARD CEILINGS. <ol style="list-style-type: none"> SUSPENSION SYSTEM SHALL BE EITHER METAL FURRING CHANNELS SUSPENDED FROM TRIPLE STRANDED WIRE PER JOG'S GYPSUM BOARD CONSTRUCTION HANG-BOOK, OR BY USING U.S.G'S DRYWALL SUSPENSION SYSTEM INSTALLED PER MANUFACTURER'S INSTRUCTIONS. SUSPENSION SYSTEMS SHALL BE SUPPORTED FOR STRUCTURAL FRAMING ABOVE SUPPORTS FROM FRAMING SHALL NOT BE ATTACHED TO DUCTWORK, ELECTRICAL CONDUIT OR SPRINKLER PIPING. SUSPENSION SYSTEMS MUST BE ABLE TO SUPPORT ATTACHED GYPSUM BOARD, LIGHT FIXTURES, HVAC DIFFUSERS, & ACCESS PANELS. PROVIDE A CORNER SUPPORT AT ALL ACCESS PANEL LOCATIONS. CEILING SYSTEMS. <ol style="list-style-type: none"> FURNISH AND INSTALL CEILING SYSTEMS COMPLETE WITH SUSPENSION SYSTEM AND RELATED ACCESSORIES AS SHOWN ON DRAWINGS AND AS SPECIFIED. ALL LIGHT GAUGE METAL FRAMING AND CEILING SUSPENSION COMPONENTS FOR SOFFITS, GYPSUM BOARD AND LAY-IN CEILINGS SHALL BE ANCHORED TO THE STRUCTURAL JOISTS AND BEAMS ONLY. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND INSTALLING AN ADDITIONAL FRAMING REINFORCEMENT. SUSPENSION SYSTEMS SHALL BE ADEQUATE TO SUPPORT LIGHTING FIXTURES, CEILING GRILLES, DIFFUSERS AND OTHER TYPICAL CEILING ACCESSORIES. PROVIDE SYSTEM COMPONENTS FROM A SINGLE MANUFACTURER. INSTALL CEILING AND SUSPENSION SYSTEMS IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND ALL APPLICABLE BUILDING CODE REQUIREMENTS. FINISH CEILING SHALL BE LEVEL, SQUARE AND IN PERFECT CONDITION. MATERIALS AND FINISHES. <ol style="list-style-type: none"> REFER TO RELECTED CEILING PLAN FOR SPECIFICATION OF MATERIALS. REFER TO FINISH PLAN FOR SPECIFIED CEILING FINISH. LEAVE ONE CASE OF CEILING TILES FOR LATER REPLACEMENT. CEILING WHERE NOTED IN PLANS SHALL BE 1 HOUR RATED AND SHALL CONSIST OF CLASS "A" TILES WITH SUSPENSION GRID, HARDWARE, CLIPS, ETC. NECESSARY TO ACHIEVE RATING. PAINTING, FINISHING, AND WALL COVERINGS. <ol style="list-style-type: none"> PROVIDE A SATISFACTORY FINISH THROUGHOUT, UNLESS SPECIFICALLY DIRECTED OTHERWISE IN THE DRAWINGS. COVER ALL SURFACES THOROUGHLY AND EVENLY. IF THE NUMBER OF COATS SPECIFIED DOES NOT ACCOMPLISH THE INTENT, APPLY ADDITIONAL COATS OF SPECIFIED MATERIAL TO PROVIDE SATISFACTORY COVERAGE. SEE FINISH SCHEDULE FOR SPECIFICS. USE ONLY THE PAINT AND RELATED MATERIALS AND METHODS SPECIFIED. PREPARE BY CLEANING ALL SURFACES FREE OF LOOSE DIRT AND DUST PREPARE ALL METAL SURFACES IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN SPECIFICATIONS. PAINTED DRYWALL SHALL RECEIVE ONE COAT OF LATEX PRIMER AND TWO COATS OF SPECIFIED PAINT. TRIP PRIMER TO APPROXIMATE SHADE OF THE FINAL COAT. TOUCH UP ALL SUCTION SPOTS OR HOT SPOTS AFTER THE APPLICATION OF THE FIRST COAT AND BEFORE APPLYING A SECOND COAT, TO PRODUCE AN EVEN RESULT IN THE FINISH THROUGHOUT. PREPARE BY CLEANING ALL SURFACES FREE OF LOOSE DIRT AND DUST PREPARE ALL METAL SURFACES IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN SPECIFICATIONS. PAINTED DRYWALL SHALL RECEIVE ONE COAT OF LATEX PRIMER AND TWO COATS OF SPECIFIED PAINT. TRIP PRIMER TO APPROXIMATE SHADE OF THE FINAL COAT. TOUCH UP ALL SUCTION SPOTS OR HOT SPOTS AFTER THE APPLICATION OF THE FIRST COAT AND BEFORE APPLYING A SECOND COAT, TO PRODUCE AN EVEN RESULT IN THE FINISH THROUGHOUT. APPLY SUCCEEDING COATS. FOLLOW FRFR'S RECOMMENDATIONS FOR RE-COAT TYPE. SEAL ALL DRYWALL SURFACES BEHIND THIRRORS AND BUILT-IN COMPONENTS. ALL PAINTED DRYWALL SURFACES MUST OBTAIN A LEVEL FINISH. PUTTY ALL NAIL HOLES, COUNTER SUNK SCREWS, BOLTS, FILL CRACKS, ETC. BEFORE APPLYING FINISHES. SAND ALL WOOD SURFACES SMOOTH AND EVEN BEFORE APPLYING FINISH. BEFORE STARTING FINISH WORK, REMOVE HARDWARE, ACCESSORIES, PLATES, LIGHTING FIXTURES AND SIMILAR ITEMS, OR PROVIDE A PROTECTION FOR SUCH ITEMS. PAINT ALL VERTICAL SURFACES, CONVECTORS, REGRILLS, COVERS, GRILLES, EMERGENCY LIGHTS, SPEAKERS, TRIP LIGHTS, EXPOSED PIPING, ACCESS DOORS, VENTS, FIRE EXTINGUISHER CABINETS, EQUIPMENT MOUNTING BOARDS, ETC. UNLESS OTHERWISE NOTED OR DIRECTED. MAKE FINISH WORK UNIFORM OR APPROVED FINISH SMOOTH, FREE OF RANS, SAGS, AND DEFECTIVE BRUSHING AND CLOGGING. MAKE EDGES OF PAINT ADJOINING OTHER MATERIALS OR COLORS SHARP AND CLEAN WITHOUT OVERLAPPING. WALL COVERINGS: REFER TO THE FINISH SCHEDULE AND FINISHES AS NOTED ON DRAWINGS FOR LOCATION AND EXTENT. <ol style="list-style-type: none"> ALL MATERIAL TO BE INSTALLED BY SKILLED WORKMEN IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. SEAL DRYWALL BEFORE APPLICATION OF WALL COVERING WITH LATEX PRIMER. WALL COVERING ADHESIVES ARE TO BE PREPARED AS RECOMMENDED BY THE MANUFACTURER FOR THE SPECIFIC MATERIALS TO BE APPLIED. LEAVE FINISHED INSTALLATION FREE OF BLISTERS, WRINKLES OR OTHER DEFECTS. ALL SEAMS SHALL BE TIGHTLY CLOSED. MATCH ADJACENT STRIPS AS REQ'D, CONSISTENT WITH PATTERN SELECTED. IF CLEANING IS REQUIRED, USE ONLY MATERIALS AND METHOD RECOMMENDED BY THE MANUFACTURER. UNROLL AND CHECK WALL COVERING FOR DEFECTS IMMEDIATELY UPON DELIVERY. DO NOT HAND DEFECTIVE WALL COVERING. ALERT TENANT'S PROJECT CONSTRUCTION MANAGER OF DEFECTIVE MATERIAL. A COORDINATE APPROPRIATE ACTION. 	

DIVISION IX FINISHES (CONT.)

<p>FLOORING - CONTINUED.</p> <p>1) PORCELAIN TILE.</p> <p>1) THIN SET METHOD, FLOORS AND WALLS (CONTINUED).</p> <p>ONLY AS HIGH MORTAR AS CAN BE COVERED WITHIN ALLOWABLE UNDOOS AS RECOMMENDED BY MORTAR MANUFACTURER AND NOT MORE THAN 10 TO 20 MINUTES WHILE MORTAR IS STILL FRESH AND BEFORE SKINNING OCCURS.</p> <p>1) GYPSUM DRYWALL IN POSITION WITH A SLIGHT TUBING MOTION TO PROMOTE GOOD CONTACT WITH THE MORTAR. IF SKINNING OCCURS, SCRAPE OFF SKINNED MORTAR AND REPLACE W/ FRESH MORTAR.</p> <p>VI. SET TILE IN PLACE AND RUB OR BEAT WITH SMALL BEATING BLOCK TO ASSURE AT LEAST 3/8 PERCENT OF THE TILE DURING INSTALLATION IN ORDER TO VERIFY THAT SUFFICIENT MORTAR CONTACT IS BEING MAINTAINED, TO PREVENT THE LEAVING OF AIR BUBBLES AND TO ASSURE FULL CONTACT WITH MORTAR.</p> <p>VII. MAKE ALIGNMENTS AND ADJUSTMENTS IMMEDIATELY. WITHIN 30-40 MIN. VIII. BEAT OR RAMP TILE TO ENSURE PROPER BOND AND ALSO TO LEVEL SURFACE OF TILE UNTIL A COMPLETE EVEN TRUE SURFACE IS ACHIEVED. FREE FROM SURFACE HOLES, VOIDS, AND WAVES.</p> <p>IX. ALIGN TILE TO SHOW UNIFORM JOINTS AND ALLOW TO SET FIRM.</p> <p>X. CLEAN EXCESS MORTAR FROM SURFACE OF TILE WHILE MORTAR IS FRESH.</p> <p>2) GROUT.</p> <ol style="list-style-type: none"> ALLOW TILE TO SET A MINIMUM OF 3 HOURS BEFORE GROUTING. WHEN FAST-SYSTEM IS USED AND 24 HOURS WHEN NORMAL SET SYSTEM IS USED. STIX GROUT IN STRICT ACCORDANCE WITH GROUT MANUFACTURER'S RECOMMENDATIONS. INSTALL IN ACCORDANCE WITH GROUT MANUFACTURER'S RECOMMENDATIONS AND ANSI A108. TO AID IN SPREADING OF GROUT, SLIGHTLY MOISTEN TOP SURFACE OF TILE W/ A DAMP SPONGE JUST PRIOR TO APPLICATION. PACK JOINTS WITH A RIGID PUTTY FILL AND FREE BEFORE MORTAR TAKES INITIAL SET. REMOVED EXCESS MORTAR FROM SURFACE, MOVING THE FLOAT DIAGONALLY ACROSS THE JOINTS WHILE MORTAR IS STILL FRESH. LEAVE GROUT FLUSH WITH TILE EDGES. ALLOW GROUT TO FIRM UP WITH JOINTS SUFFICIENTLY TO AVOID DAMAGING GROUT SURFACE. USE A DAMP TOWEL OR PAD OF CHEESE CLOTH CLEAN TILE SURFACES BY WORKING IN A DIAGONAL MOTION. USE TWO BUCKETS OF CLEANING WATER. ON FOR RINSING THE MAJORITY OF THE GROUT RESIDUE FROM THE CLEANING CLOTH AND ON FOR RINSING THE TILE. CLEAN THE CLOTH AND CLEANING WATER BUCKETS FREQUENTLY TO PREVENT DEVELOPMENT OF A HAZE ON THE DRY TILES. ALLOW EXCESSIVE GROUT 1-2 HOURS AFTER CLEANING. USING A DRY CLOTH. RE-CURBLE AND GROUT 1-2 HOURS AFTER CLEANING USING A DRY CLOTH TO REMOVE THE REMAINING SURFACE WATER OR GROUT RESIDUE. <p>VI) CONTROL JOINTS AND OTHER SEALANT USAGE.</p> <ol style="list-style-type: none"> LOCATE EXPANSION JOINTS AND OTHER SEALANTS FILLED JOINTS, INCLUDING CONTROL, CONTRACTION AND ISOLATION JOINTS WHERE INDICATED, AND TO COMPLY WITH BRACING AND LOCATION RECOMMENDATIONS IN TCA HANDBOOK FOR BRACING TILE INSTALLATION, AND APPROVED BY ARCHITECT. KEEP EXPANSION AND CONTROL JOINTS FREE OF MORTAR / GROUT. PROVIDE PRE-FORMED CONTROL JOINTS AS THE PRIMARY CONTROL JOINT WITHIN TILE AREAS. PROVIDE CONTROL JOINTS AS SECONDARY CONTROL JOINTS. EXPANSION JOINTS, AND CHANGES IN MATERIALS IN THE SUPPORTING SUBSTRATE / AS OTHERWISE RECOMMENDED BY TCA OR ICI EXPANSION JOINT REQUIREMENTS. PROVIDE FIELD INSTALLED SEALANT WHERE TILES ADJACENT RESTRAINING SURFACES SUCH AS PERIMETER WALLS, CURBS, COLUMNS, WALL CORNERS, FILL JOINTS WITH SELF-LEVELING ELASTOMERIC SEALANT AND BACKING MATERIALS SPECIFIED IN ACCORDANCE WITH ANSI AND TCA RECOMMENDATIONS. INSTALL CONTROL JOINTS AT SPACINGS AS INDICATING ON THE DRAWINGS, BUT IN NO CASE LESS THAN THE SPACING RECOMMENDED BY REFERENCED STANDARDS. <p>1) INSTALLATION TOLERANCE OF TILE WORK.</p> <ol style="list-style-type: none"> LEVELNESS BETWEEN UNITS: INSTALL CERAMIC TILE WORK SO THAT FACES AND EDGES ARE FLUSH AND EVEN. THE SURFACE SHALL BE FLUSH WITH FACES AND EDGES OF ADJACENT TILE. DO NOT EXPOSE EDGES EXCEPT WHERE FINISHED EDGE IS INDICATED. VARIATION FROM FLAT - FLOORS: DO NOT EXCEED 1/32" INCH FROM FACE AND EDGES OF INDIVIDUAL TO FACES AND EDGES OF ADJACENT TILES. FINISHED FLOOR SURFACES SHALL BE FLAT WITHIN 1/4" INCH IN TEN FEET, NON-CUMULATIVE IN 10 FEET. JOINT WIDTHS SHALL VARY NO MORE THAN PLUS OR MINUS 1/2 OF THE SPECIFIED JOINT WIDTH (1/32" - 3/32"). <p>2) REPAIRS AND CLEANING.</p> <ol style="list-style-type: none"> REPLACE DAMAGED TILES WHICH ARE BROKEN, CHIPPED, STAINED, DO NOT MATCH ADJOINING TILES OR ARE OTHERWISE DAMAGED. USE REPLACEMENT. RE-POINT DEFECTIVE GROUT AND GROUT NEEDED TO BE REMOVED AS PART IF TILES REPAIR/REPLACEMENT. RE-POINT DEFECTIVE GROUT NEEDED TO BE REMOVED AS PART OF TILE REPAIRS. LEAVE IN A NEAT, UNIFORM APPEARANCE. REMOVED AND REPLACE WORK OF THE FOLLOWING DESCRIPTION: <ol style="list-style-type: none"> BROKEN, CHIPPED, STAINED, OR OTHERWISE DAMAGED WORK. DEFECTIVE JOINTS. CONTROL JOINTS NOT MATCHING APPROVED SAMPLES AND FIELD-CONSTRUCTED JOINTS. WORK NOT COMPLYING W/ OTHER REQUIREMENTS INDICATED. <p>III. CLEAN EXCESS MORTAR FROM SURFACE WITH WATER AS WORK PROCESSES. PERFORM CLEANING WHILE MORTAR IS FRESH AND BEFORE IT HARDEN ON SURFACES.</p> <p>IV. SPONGE AND WASH TILE DIAGONALLY ACROSS JOINTS. POLISH WITH CLEAN DRY CLOTH.</p> <p>V. REMOVE GROUT HAZE FOLLOWING RECOMMENDATION OF GROUT MANUFACTURER. DO NOT USE ACIDS FOR CLEANING PURPOSES.</p> <p>VI. REMOVE EXCESS SEALANT BY USING A MODERATE AMOUNT OF FINERIAL SPIRITS OR OTHER SOLVENT ACCEPTABLE TO SEALANT MANUFACTURER.</p> <p>VII. PERFORM FINAL CLEANING AS RECOMMENDED BY TILE AND GROUT MANUFACTURERS. DO NOT USE FIRE BRUSHES, ACIDIC TILE CLEANERS OR OTHER CLEANING COMPOUND WITH HARSH FILLER.</p> <p>VIII. CLEAN AND REPAIR SURFACES SOILED OR OTHERWISE DAMAGED IN CONNECTION WITH THE WORK. PATCH COST OR REPAIR JOINTS FINISHES OR MATERIALS THAT CANNOT BE SATISFACTORILY CLEANED OR WHICH HAVE BEEN DAMAGED BY IMPROPER CLEANING MATERIAL AND TECHNIQUES.</p>	
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DIVISION IX FINISHES (CONT.)

<p>2) VINYL COMPOSITION TILE/VINYL BASE.</p> <ol style="list-style-type: none"> 1/8" X 12" X 12" VINYL RESILIENT TILES WITH 4" (OR 6") HIGH X 1/8" THICK, TOP-SET STRAIGHT VINYL BASE AT GARRET AND COVER AT VENTS. (PRE-FORMED CORNERS ARE REQUIRED). SEE FINISH SCHEDULE FOR SPECIFIED MATERIALS. FILL ALL CRACKS, JOINTS, ETC. IN SUB-FLOOR WITH CRACK FILLER APPROVED BY FLOORING MANUFACTURER. INSTALL WATERPROOF TILE ADHESIVE AS RECOMMENDED BY FLOORING MANUFACTURER FOR MATERIALS AND SURFACE INVOLVED. SLABS OR SUB-FLOORING TO BE MOISTURE TESTED AND RESULTS COMPARED TO MANUFACTURER'S RECOMMENDED INSTALLATION GUIDELINES. ANY PROBLEMS DUE TO MOISTURE TESTING TO BE REPORTED TO TENANT'S PROJECT MANAGER IMMEDIATELY. <p>3) DRYED POLISH CONCRETE.</p> <p>A) EXAMINATION.</p> <ol style="list-style-type: none"> NEW CONCRETE SHALL CURE FOR MINIMUM OF 28 DAYS BEFORE JOINT SEALING, GRINDING OR POLISHING. ALL NEW SLABS AND/OR GROUND LEVEL SLABS MUST BE TESTED FOR MOISTURE CONTENT PRIOR TO STARTING FLOOR GRINDING AND POLISHING. REPORT ALL MOISTURE TEST RESULTS WITHIN 5 DAYS TO THE PROJECT CONSTRUCTION MANAGER. TESTING MUST BE COMPLETED BY A CERTIFIED DRYED POLISH CONCRETE FLOOR INSTALLER. <p>B) INSTALLATION.</p> <ol style="list-style-type: none"> INITIAL GRINDING - USE 1/8" METAL DIAMOND, IF PLASTIC OR THIN-SET MATERIALS ARE PRESENT, THEN USE 80 GRIT METAL DIAMOND. SEAL ANY JOINTS PER MANUFACTURER'S SPECIFICATIONS, COLOR TO MATCH FINISH COLOR. HONING METAL GRINDS - GRIND FLOOR WITH PROGRESSIVE FINER METAL DIAMOND GRITS. DO NOT SKIP AND STEPS FINISH HONING USING 80 GRIT METAL-BOND DIAMONDS. <p>C) FLOOR POLISHING.</p> <ol style="list-style-type: none"> INITIATE POLISHING PROCESS USING 150 GRIT RESIN-BOND DIAMOND. CONTINUE PROCESS USING 200, 400, 800, 1500 AND 3000 GRIT RESIN-BOND DIAMOND. FINISH POLISHING USING HIGH-SPEED PROPANE FLOOR BURNISHER AND A DIAMOND PREPARED BURNISHING PAD. <p>D) FLOOR DENSIFICATION.</p> <ol style="list-style-type: none"> AFTER EACH METAL-BOND DIAMOND PASS, APPLY CONSOLIDEK LS1500 BASED DENSIFIER TO THE POINT OF REJECTION. CONSOLIDEK SHOULD BE ALLOWED TO SET ON CONCRETE A MINIMUM OF 30 MINUTES BEFORE CONTINUING. <p>E) PROTECTION.</p> <ol style="list-style-type: none"> INSTALL RAY BOARD OVER ENTIRE FLOOR SURFACE, TAPING ALL SEAMS. USE OF PIPE CUTTING MACHINERY IS PROHIBITED ON FINISHED FLOOR. NO METAL WHEELS, CARTS, ETC. ARE PERMITTED, UNLESS THEY BE RUBBER. COVER RAMP BOARDS WITH DROP CLOTHS IF PAINTING. <p>4) OVERLAY TRI-PC 3000 B00GRIT, PER MANUFACTURER'S SPECIFICATIONS.</p> <p>A) EXAMINATION.</p> <ol style="list-style-type: none"> VERIFY PROJECT SITE CONDITIONS UNDER PROVISIONS OF SECTION 01 00 00. COMPLIANCE. COMPLY WITH MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION OF SPECIFICATION CONCRETE. COMPRESSIVE STRENGTH SHALL BE NOTED AS STRENGTH OF 3000 PSI AND A MINIMUM DENSITY OF 100 PCF (POUNDS PER CUBIC FOOT). COORDINATE INSTALLATION WITH ADJACENT WORK TO ENSURE PROPER SEQUENCING OF WORK. PROTECT ADJACENT AND SURROUNDING SURFACES NOT SPECIFIED TO RECEIVE OVERLAY WITH NECESSARY MEANS TO ENSURE PROTECTION AGAINST OVERSPRAY, WATER AND OTHER HAZARDOUS DEBRIS. CLOSE OFF AREAS RECEIVING OVERLAY DURING INSTALLATION FROM ALL TRAFFIC AND STOP EXCESSIVE AIR MOVEMENT ACROSS THE TOP OF THE SURFACE UNTIL OVERLAY IS COMPLETE. ADVISE CONTRACTOR OF DISCREPANCIES PREVENTING PROPER INSTALLATION OF MATERIALS. DO NOT PROCEED WITH THE WORK UNTIL UNSATISFACTORY CONDITIONS ARE CORRECTED. <p>B) INSTALLATION.</p> <ol style="list-style-type: none"> COPY WITH MANUFACTURER'S PRINTED INSTRUCTIONS AND THE FOLLOWING: <ol style="list-style-type: none"> DO NOT SOAK TILE BEFORE INSTALLATION. ARE BETWEEN 50% (50% TO 60%) AND 100% (100% TO 110%) THICK. WHEN EXTENDING OVER FLOOR JOINTS, USE IDEAL INSTALLATION CONDITIONS ARE 60% (60% TO 80%) TO 70%. TO PREVENT FLOORING AND MICRO-CRACKING, ELIMINATE AIR MOVEMENT OVER THE SURFACE AND DO NOT APPLY OVERLAY IN A THIN PREPARE - APPLIED COAT OF MORTAR TO THE SUBSTRATE DOUBLING - OVER IMMEDIATELY WITH A NOTCH TRIOEL APPLIED COAT. 	
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DIVISION IX FINISHES (CONT.)	
<p>FLOORING - CONTINUED.</p> <p>1) PORCELAIN TILE.</p> <p>1) THIN SET METHOD, FLOORS AND WALLS (CONTINUED).</p> <p>ONLY AS HIGH MORTAR AS CAN BE COVERED WITHIN ALLOWABLE UNDOOS AS RECOMMENDED BY MORTAR MANUFACTURER AND NOT MORE THAN 10 TO 20 MINUTES WHILE MORTAR IS STILL FRESH AND BEFORE SKINNING OCCURS.</p> <p>1) GYPSUM DRYWALL IN POSITION WITH A SLIGHT TUBING MOTION TO PROMOTE GOOD CONTACT WITH THE MORTAR. IF SKINNING OCCURS, SCRAPE OFF SKINNED MORTAR AND REPLACE W/ FRESH MORTAR.</p> <p>VI. SET TILE IN PLACE AND RUB OR BEAT WITH SMALL BEATING BLOCK TO ASSURE AT LEAST 3/8 PERCENT OF THE TILE DURING INSTALLATION IN ORDER TO VERIFY THAT SUFFICIENT MORTAR CONTACT IS BEING MAINTAINED, TO PREVENT THE LEAVING OF AIR BUBBLES AND TO ASSURE FULL CONTACT WITH MORTAR.</p> <p>VII. MAKE ALIGNMENTS AND ADJUSTMENTS IMMEDIATELY. WITHIN 30-40 MIN. VIII. BEAT OR RAMP TILE TO ENSURE PROPER BOND AND ALSO TO LEVEL SURFACE OF TILE UNTIL A COMPLETE EVEN TRUE SURFACE IS ACHIEVED. FREE FROM SURFACE HOLES, VOIDS, AND WAVES.</p> <p>IX. ALIGN TILE TO SHOW UNIFORM JOINTS AND ALLOW TO SET FIRM.</p> <p>X. CLEAN EXCESS MORTAR FROM SURFACE OF TILE WHILE MORTAR IS FRESH.</p> <p>2) GROUT.</p> <ol style="list-style-type: none"> ALLOW TILE TO SET A MINIMUM OF 3	

DIVISION XV MECHANICAL

SEC. 160900 - MECHANICAL GENERAL PROVISIONS
A - SLEEVES
1. THE CONTRACTOR SHALL PROVIDE SLEEVES TO PROTECT EQUIPMENT OR FACILITIES IN THE INSTALLATION...

SEC. 151000 - HEATING, VENTILATION & AIR CONDITIONING (CONT.)
3. TOILET EXHAUST FANS
WHERE SHOWN ON DRAWINGS PROVIDE A TOILET EXHAUST FAN UNIT COMPLETE WITH GRAVITY BACK DRAFT DAMPERS...

SEC. 154000 - PLUMBING
A - PLUMBING EQUIPMENT
1. REFER TO 'S' SHEETS FOR EQUIPMENT AND FIXTURE SCHEDULES.
B - GENERAL PIPING REQUIREMENTS
1. GENERALITY, SANITARY AND POTABLE WATER TAPS WILL BE PROVIDED BY THE LANDLORD...

SEC. 152000 - HEATING, VENTILATION & AIR CONDITIONING
A - HVAC EQUIPMENT
1. PRIMARY HEATING, VENTILATION AND AIR CONDITIONING UNITS ARE TO BE YORK AS SCHEDULED...

SEC. 160900 - BASIC ELECTRICAL MATERIALS & METHODS (CONT.)
B - PANELBOARDS AND SAFETY SWITCHES
1. PANELBOARDS SHALL BE SINGLE CIRCUIT BREAKER TYPE WITH SOLID COPPER BUSING...

DIVISION XV MECHANICAL (CONT.)

SEC. 151000 - HEATING, VENTILATION & AIR CONDITIONING (CONT.)
3. TOILET EXHAUST FANS
WHERE SHOWN ON DRAWINGS PROVIDE A TOILET EXHAUST FAN UNIT COMPLETE WITH GRAVITY BACK DRAFT DAMPERS...

SEC. 154000 - PLUMBING
A - PLUMBING EQUIPMENT
1. REFER TO 'S' SHEETS FOR EQUIPMENT AND FIXTURE SCHEDULES.
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1. GENERALITY, SANITARY AND POTABLE WATER TAPS WILL BE PROVIDED BY THE LANDLORD...

SEC. 152000 - HEATING, VENTILATION & AIR CONDITIONING
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1. PRIMARY HEATING, VENTILATION AND AIR CONDITIONING UNITS ARE TO BE YORK AS SCHEDULED...

SEC. 160900 - BASIC ELECTRICAL MATERIALS & METHODS (CONT.)
B - PANELBOARDS AND SAFETY SWITCHES
1. PANELBOARDS SHALL BE SINGLE CIRCUIT BREAKER TYPE WITH SOLID COPPER BUSING...

DIVISION XV MECHANICAL (CONT.)

SEC. 151000 - HEATING, VENTILATION & AIR CONDITIONING (CONT.)
3. TOILET EXHAUST FANS
WHERE SHOWN ON DRAWINGS PROVIDE A TOILET EXHAUST FAN UNIT COMPLETE WITH GRAVITY BACK DRAFT DAMPERS...

SEC. 154000 - PLUMBING
A - PLUMBING EQUIPMENT
1. REFER TO 'S' SHEETS FOR EQUIPMENT AND FIXTURE SCHEDULES.
B - GENERAL PIPING REQUIREMENTS
1. GENERALITY, SANITARY AND POTABLE WATER TAPS WILL BE PROVIDED BY THE LANDLORD...

SEC. 152000 - HEATING, VENTILATION & AIR CONDITIONING
A - HVAC EQUIPMENT
1. PRIMARY HEATING, VENTILATION AND AIR CONDITIONING UNITS ARE TO BE YORK AS SCHEDULED...

SEC. 160900 - BASIC ELECTRICAL MATERIALS & METHODS (CONT.)
B - PANELBOARDS AND SAFETY SWITCHES
1. PANELBOARDS SHALL BE SINGLE CIRCUIT BREAKER TYPE WITH SOLID COPPER BUSING...

DIVISION XV MECHANICAL (CONT.)

SEC. 151000 - HEATING, VENTILATION & AIR CONDITIONING (CONT.)
3. TOILET EXHAUST FANS
WHERE SHOWN ON DRAWINGS PROVIDE A TOILET EXHAUST FAN UNIT COMPLETE WITH GRAVITY BACK DRAFT DAMPERS...

SEC. 154000 - PLUMBING
A - PLUMBING EQUIPMENT
1. REFER TO 'S' SHEETS FOR EQUIPMENT AND FIXTURE SCHEDULES.
B - GENERAL PIPING REQUIREMENTS
1. GENERALITY, SANITARY AND POTABLE WATER TAPS WILL BE PROVIDED BY THE LANDLORD...

SEC. 152000 - HEATING, VENTILATION & AIR CONDITIONING
A - HVAC EQUIPMENT
1. PRIMARY HEATING, VENTILATION AND AIR CONDITIONING UNITS ARE TO BE YORK AS SCHEDULED...

SEC. 160900 - BASIC ELECTRICAL MATERIALS & METHODS (CONT.)
B - PANELBOARDS AND SAFETY SWITCHES
1. PANELBOARDS SHALL BE SINGLE CIRCUIT BREAKER TYPE WITH SOLID COPPER BUSING...

DIVISION XVI ELECTRICAL (CONT.)

SEC. 160900 - BASIC ELECTRICAL MATERIALS & METHODS (CONT.)
B - PANELBOARDS AND SAFETY SWITCHES
1. PANELBOARDS SHALL BE SINGLE CIRCUIT BREAKER TYPE WITH SOLID COPPER BUSING...

SEC. 161000 - WIRING METHODS
WIRING SHALL BE CONCEALED WHERE POSSIBLE. ALL EXPOSED WIRING SHALL BE IN RIGID EMT OR RIGID CONDUIT...

SEC. 162000 - LIGHTING
PART 1 - GENERAL
1. DEFINITIONS
NIGHT LIGHTS: LIGHT FIXTURES THAT ARE WIRED TO THE UNSWITCHED LEG OF THE CIRCUIT...

SEC. 162000 - LIGHTING
PART 2 - PRODUCTS
1. LIGHTING FIXTURES
PROVIDE ONLY LED FIXTURES WITH A DESIGN/LIGHT CONSORTIUM (DLC) LISTING, A U.S. DEPARTMENT OF ENERGY (DOE) 'LED LIGHTING FACTS' LABEL, OR A U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA) 'STAR' LABEL...

DIVISION XVI ELECTRICAL (CONT.)

SEC. 160900 - BASIC ELECTRICAL MATERIALS & METHODS (CONT.)
B - PANELBOARDS AND SAFETY SWITCHES
1. PANELBOARDS SHALL BE SINGLE CIRCUIT BREAKER TYPE WITH SOLID COPPER BUSING...

SEC. 161000 - WIRING METHODS
WIRING SHALL BE CONCEALED WHERE POSSIBLE. ALL EXPOSED WIRING SHALL BE IN RIGID EMT OR RIGID CONDUIT...

SEC. 162000 - LIGHTING
PART 1 - GENERAL
1. DEFINITIONS
NIGHT LIGHTS: LIGHT FIXTURES THAT ARE WIRED TO THE UNSWITCHED LEG OF THE CIRCUIT...

SEC. 162000 - LIGHTING
PART 2 - PRODUCTS
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MECHANICAL & ELECTRICAL SPECIFICATIONS
SHEET TITLE
SHEET NO. G1.3
4 of 33
STORE NO. 25019
2525.08.02
2:55:46-04:00

Legend

Description Quantity Unit

- 02: DEMOLISH: 4" WALL 441.26 ft
- 02: DEMOLISH: 6" WALL 182.58 ft



1 DEMOLITION PLAN

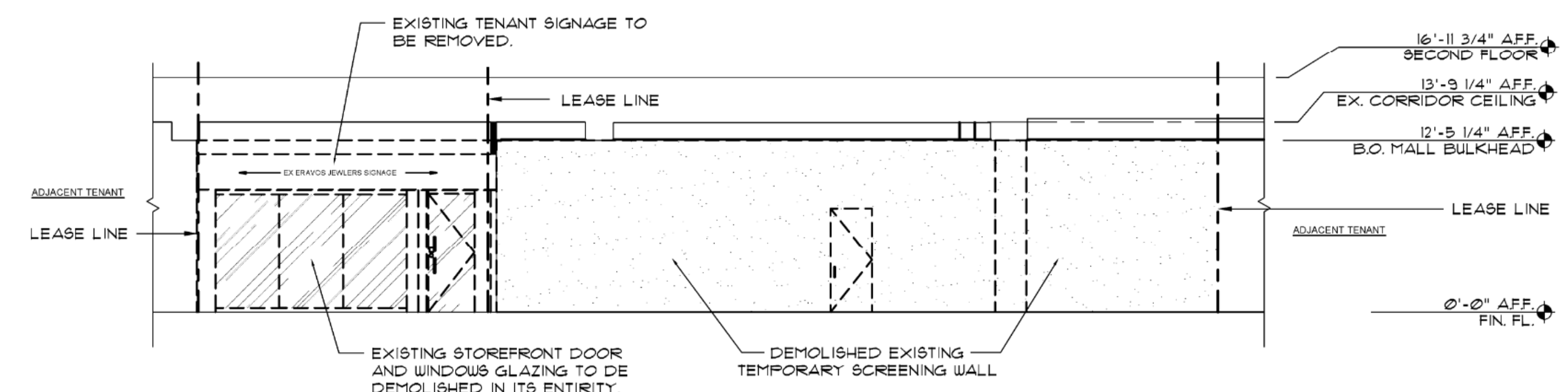
SCALE: 1/8" = 1'-0"

- 1 ENSURE THAT ALL EQUIPMENT, PIPING AND DUCTWORK, NOT SHOWN TO REMAIN IS FULLY REMOVED AND NOT ABANDONED.
- 2 REMOVE ALL FLOORING, INCLUDING GLUE AND ADHESIVES, GROUT, ETC. PREPARE SLAB FOR NEW FINISHES, AS REQUIRED. (V.I.F.)
- 3 G.C. TO REMOVE ENTIRE EXISTING RESTROOM WALLS, PLUMBING, FINISHES, ACCESSORIES, FIXTURES AND CEILING.
- 4 G.C. TO VERIFY IF THERE ARE ANY STRUCTURAL ELEMENTS CONCEALED WITH PARTITIONS, NOTIFY TENANT P.M. IMMEDIATELY IF THERE ARE ANY CONFLICTS WITH PROPOSED LAYOUT.
- 5 REMOVE ALL IN FLOOR AND SURFACE MOUNTED ELECTRICAL DEVICES / CONDUITS AND TERMINATE BACK TO SOURCE OF ORIGIN AND SEAL FLOOR TO MATCH ADJACENT SURFACE.
- 6 DEMOLISH ALL PLUMBING FIXTURES IN ITS ENTIRETY. CAP AND SEAL ALL FLOOR PENETRATIONS, COORD. WITH PLUMB. DWGS ON SCOPE.
- 7 EXISTING ELECTRICAL PANELS TO BE REMOVED. REFER TO ELECTRICAL DWGS.
- 8 G.C. TO DEMOLISH TENANT SPACE IN ITS ENTIRETY BACK TO REMAINING DEMISING WALLS.
- 9 EXISTING STOREFRONT DOOR AND WINDOWS GLAZING TO BE DEMOLISHED IN ITS ENTIRETY.
- 10 EXISTING DRAIN PIPE TO REMAIN.

DEMOLITION NOTES

1. PRIOR TO COMMENCING ANY WORK CONFIRM THAT THE SPACE IS THE DESIGNATED SPACE AS SHOWN IN THE DRAWINGS. REPORT ANY DISCREPANCIES TO THE TENANT'S PROJECT CONSTRUCTION MANAGER.
2. CONFIRM LOCATION OF ALL LEASE LINES.
3. COORDINATE WORK AND SCHEDULE WITH ALL PARTIES.
4. PROTECT ALL AREAS NOT INCLUDED IN THE WORK. ANY DAMAGE THAT OCCURS AS A RESULT OF THE WORK SHALL BE REPAIRED TO A LIKE NEW CONDITION.
5. NOTIFY LANDLORD AND TENANT'S PROJECT CONSTRUCTION MANAGER AT ONCE OF ANY UNFORESEEN HAZARD OF ANY KIND BEFORE DEMOLITION IS COMPLETE. THE REMOVAL AND/OR HANDLING OF HAZARDOUS MATERIALS (E.G. - ACM) IS NOT PART OF THIS WORK. IF ANY DISTURBANCE OF HAZARDOUS MATERIAL IS ANTICIPATED BY THIS WORK, AUTHORITIES MUST BE NOTIFIED. PRESCRIBED PROCEDURES MUST BE FOLLOWED.
6. NOTE THAT ALL CONDITIONS AND DIMENSIONS SHOWN ARE FOR REFERENCE ONLY AND MUST BE FIELD VERIFIED AT THE SITE UPON COMPLETION OF DEMOLITION. ALL CONDITIONS AND DIMENSIONS ARE TO BE CHECKED FOR VARIANCES. REPORT ANY DISCREPANCIES IMMEDIATELY TO THE TENANT'S PROJECT CONSTRUCTION MANAGER. ANY UNNOTED EXISTING CONDITIONS WHICH MAY CONFLICT WITH THE PROPOSED NEW WORK AND MAY REQUIRE MODIFICATION, RELOCATION AND OR REMOVAL SHALL BE IDENTIFIED AND REPORTED TO THE TENANT'S STORE PLANNER AT ONCE.
7. REFER TO ARCHITECTURAL AND M.E.P. DRAWINGS FOR SCOPE OF NEW WORK AND TO CONFIRM TERMINATION AND/OR REMOVAL OF EXISTING FIXTURES, DEVICES AND SERVICES.
8. NOTE THAT ANY MODIFICATION TO EXISTING SPRINKLER SYSTEM MUST BE APPROVED BY LOCAL FIRE MARSHALL AND COORDINATED WITH LANDLORD'S REPRESENTATIVE.
9. COORDINATE WITH VENDOR OR CONTRACTOR TO DETERMINE THE EXTENT OF WORK FOR ROOFING, PLUMBING, FIRE-PROTECTION, SMOKE EXHAUST, ETC ANY INFORMATION SHOWN IS TO BE VERIFIED IN FIELD.
10. PROVIDE AND/OR MAINTAIN ALL FIRE RATED ASSEMBLIES AND SEPARATIONS (WALL, FLOOR, CEILING, OR BETWEEN ADJACENT SPACES ETC.) FOR FIRE RATING AS REQUIRED BY ANY CODE OR REGULATION. PROVIDE AND/OR MAINTAIN FIRE STOPPING AS REQUIRED BY CODE.
11. REPAIR ANY DAMAGE THAT OCCURS DURING DEMOLITION TO ANY ASSEMBLY SCHEDULED TO REMAIN.

GENERAL NOTES



2 STOREFRONT DEMOLITION ELEVATION

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

- ===== INTERIOR WALL OR DEMISING WALL TO REMAIN.
- ===== DEMISING WALL (CMU) TO REMAIN.
- INTERIOR WALL, DEMISING WALL OR OTHER ITEM TO BE REMOVED.

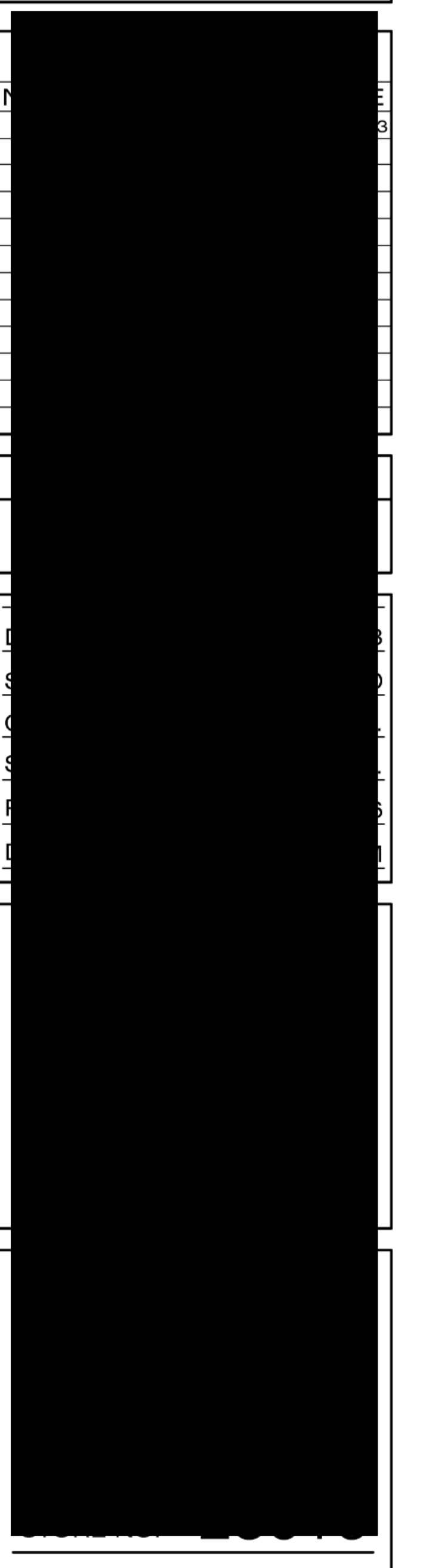
LEGEND

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DEMOLITION PLAN & ELEVATION
SHEET NO. **D1.0**
6 of 33

SEAL
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Legend		
Description	Quantity	Unit
02: DEMOLISH: ACT CEILING	1,268	sf
02: DEMOLISH: GYP CEILING	1,563	sf

- ① DESIGNATED PARTY SHALL ENSURE THAT ALL EQUIPMENT, PIPING AND DUCTWORK, NOT SHOWN TO REMAIN IS FULLY REMOVED AND NOT ABANDONED.
- ② EX'G SPRINKLER HEADS TO BE RELOCATED PER NEW LAYOUT AND CEILING CONDITION AS REQUIRED. REFER TO SUB CONTRACTOR'S DRAWING TYP. BY G.C.
- ③ G.C. TO DEMOLISH ALL LIGHTING, CEILING, DIFFUSERS, AND DUCTWORK IN ITS ENTIRETY TO STRUCTURE ABOVE.

DEMOLITION NOTES

1. PRIOR TO COMMENCING ANY WORK CONFIRM THAT THE SPACE IS THE DESIGNATED SPACE AS SHOWN IN THE DRAWINGS, REPORT ANY DISCREPANCIES TO THE TENANT'S PROJECT CONSTRUCTION MANAGER.
2. CONFIRM LOCATION OF ALL LEASE LINES.
3. COORDINATE WORK AND SCHEDULE WITH ALL PARTIES.
4. PROTECT ALL AREAS NOT INCLUDED IN THE WORK. ANY DAMAGE THAT OCCURS AS A RESULT OF THE WORK SHALL BE REPAIRED TO A LIKE NEW CONDITION.
5. NOTIFY LANDLORD AND TENANT'S PROJECT CONSTRUCTION MANAGER AT ONCE OF ANY UNFORESEEN HAZARD OF ANY KIND BEFORE DEMOLITION IS COMPLETE. THE REMOVAL AND/OR HANDLING OF HAZARDOUS MATERIALS (E.G. - ACM) IS NOT PART OF THIS WORK. IF ANY DISTURBANCE OF HAZARDOUS MATERIAL IS ANTICIPATED BY THIS WORK, AUTHORITIES MUST BE NOTIFIED & PRESCRIBED PROCEDURES MUST BE FOLLOWED.
6. NOTE THAT ALL CONDITIONS AND DIMENSIONS SHOWN ARE FOR REFERENCE ONLY AND MUST BE FIELD VERIFIED AT THE SITE. UPON COMPLETION OF DEMOLITION, ALL CONDITIONS AND DIMENSIONS ARE TO BE CHECKED FOR VARIANCES. REPORT ANY DISCREPANCIES IMMEDIATELY TO THE TENANT'S PROJECT CONSTRUCTION MANAGER. ANY UNNOTED EXISTING CONDITIONS WHICH MAY CONFLICT WITH THE PROPOSED NEW WORK AND MAY REQUIRE MODIFICATION, RELOCATION AND OR REMOVAL SHALL BE IDENTIFIED AND REPORTED TO THE TENANT'S STORE PLANNER AT ONCE.
7. REFER TO ARCHITECTURAL AND M.E.P. DRAWINGS FOR SCOPE OF NEW WORK AND TO CONFIRM TERMINATION AND/OR REMOVAL OF EXISTING FIXTURES, DEVICES AND SERVICES.
8. NOTE THAT ANY MODIFICATION TO EXISTING SPRINKLER SYSTEM MUST BE APPROVED BY LOCAL FIRE MARSHALL AND COORDINATED WITH LANDLORD'S REPRESENTATIVE.
9. COORDINATE WITH VENDOR OR CONTRACTOR TO DETERMINE THE EXTENT OF WORK FOR ROOFING, PLUMBING, FIRE-PROTECTION, SMOKE EXHAUST, ETC ANY INFORMATION SHOWN IS TO BE VERIFIED IN FIELD.
10. PROVIDE AND/OR MAINTAIN ALL FIRE RATED ASSEMBLIES AND SEPARATIONS (WALL, FLOOR, CEILING, OR BETWEEN ADJACENT SPACES ETC.) FOR FIRE RATING AS REQUIRED BY ANY CODE OR REGULATION. PROVIDE AND/OR MAINTAIN FIRE STOPPING AS REQUIRED BY CODE.
11. REPAIR ANY DAMAGE THAT OCCURS DURING DEMOLITION TO ANY ASSEMBLY SCHEDULED TO REMAIN.
12. G.C. TO VERIFY THAT ANY BUILD OUT CALLED OUT TO BE REMOVED DOES NOT CONCEAL ANY PIPES, COLUMNS, CONDUIT, ETC. NOTIFY ARCH. & TENANT IMMEDIATELY. PATCH AND REPAIR ADJ. SURFACES TO "LIKE NEW" CONDITIONS AND MAINTAIN ALL FIRE RATINGS.
13. G.C. TO PROVIDE BROWN PAPER INSIDE OF ALL GLAZING PRIOR TO START OF DEMOLITION AND WORK.

GENERAL NOTES

- INTERIOR WALL OR DEMOLISH WALL TO REMAIN.
- ==== DEMOLISH WALL (CMU) TO REMAIN.
- INTERIOR WALL, DEMOLISH WALL OR OTHER ITEM TO BE REMOVED.

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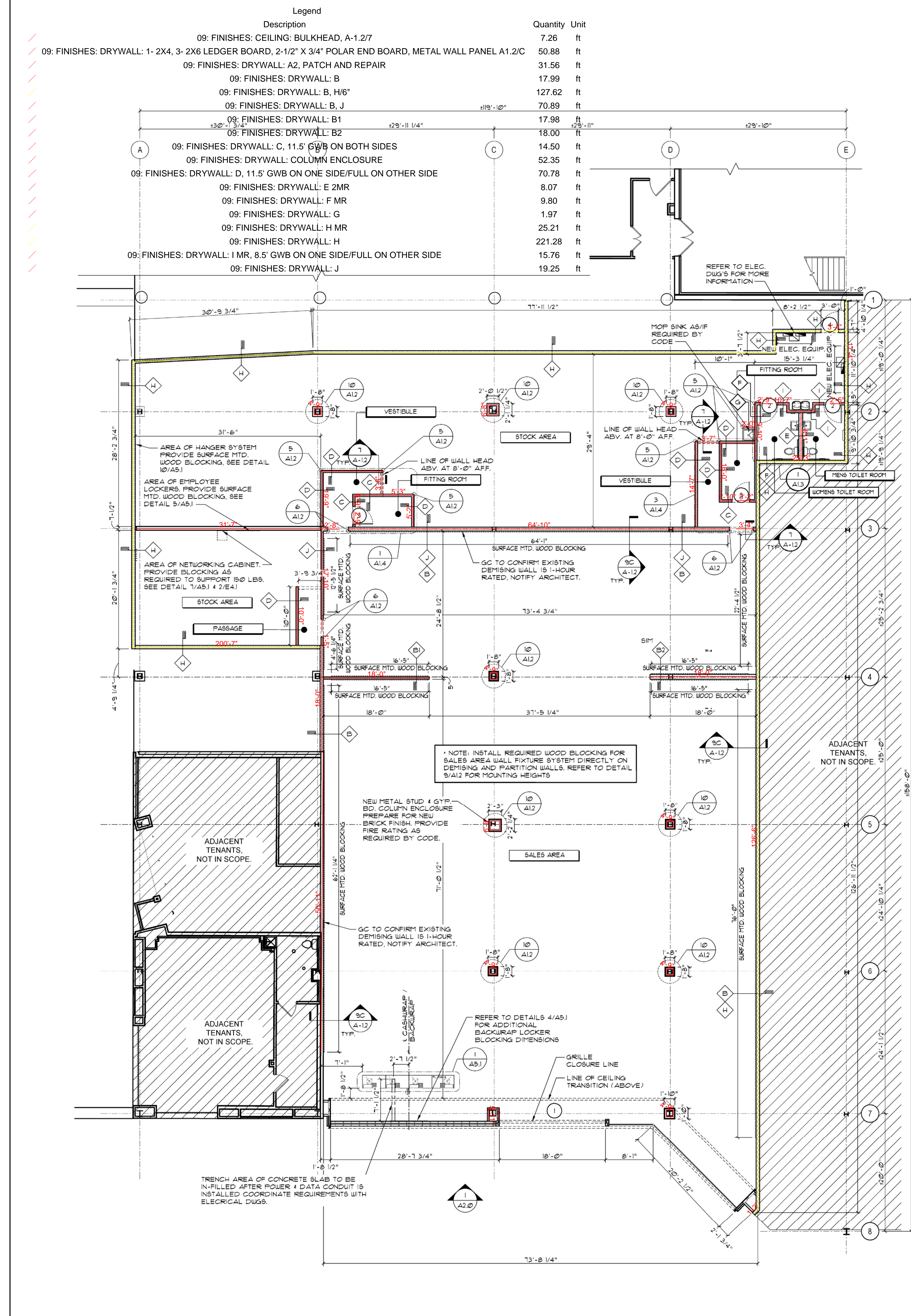
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STORE NO. 23019

SHEET TITLE
DEMOLITION REFLECTED CEILING PLAN
SHEET NO. **D1.1**
7 of 33

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1 CONSTRUCTION FLOOR PLAN

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

CONSTRUCTION NOTES

1. NOTIFY TENANT STORE PLANNER OF ANY SPACE DISCREPANCIES WITHIN 3 DAYS OF CONSTRUCTION START.
2. ALL DIMENSIONS ON PLAN FOR NEW INTERIOR WALL LAYOUTS ARE FROM FINISHED WALL TO FINISHED WALL UNLESS NOTED OTHERWISE.
3. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALE ON THE CONSTRUCTION DOCUMENTS. DO NOT SCALE.
4. PROVIDE 4" INSTALL BROWN PAPER COVERING TO THE STOREFRONT GLAZING DURING MERCHANDISING.
5. PROVIDE A SMOOTH LEVEL FLOOR FOR INSTALLATION OF UNITS. ADVISE IMMEDIATELY SHOULD ANY FIELD CONDITIONS IMPACT PROPER INSTALLATION TO TENANT STORE PLANNER.
6. ALL FIRE RATED WALLS SHALL BE MAINTAINED.
7. G.C. TO RILL TRENCH ROUTE FOR ELECTRICAL POWER REQUIREMENT IN SALES AREA TO MATCH ADJACENT SURFACE IN HEIGHT AND TEXTURE. REFER TO ELECTRICAL SHEET FOR OUTLETS LOCATION AND COORDINATE IN FIELD WITH E.C. ON BEST ROUTING OPTION TO WALLS OR ENCLOSURES.
8. INSTALL REQUIRED WOOD BLOCKING FOR SALES AREA WALL FIXTURE SYSTEM DIRECTLY ON DEMISING AND PARTITION WALLS. REFER TO DETAIL 9/A12 FOR MOUNTING HEIGHTS.

GRILLE POST SIZING CHART

GRILLE OPENING HT	GRILLE OPENING WIDTH 12'-0" & LESS	GRILLE OPENING WIDTH 12'-1" & OVER	GRILLE OPENING WIDTH 16'-0" & LESS	GRILLE OPENING WIDTH 16'-1" & OVER
10'-0" & LESS	HSS 4"x4"x1/8"	HSS 4"x4"x3/16"	HSS 4"x4"x1/8"	HSS 4"x4"x3/16"
10'-1" TO 12'-0"	HSS 4"x4"x1/8"	HSS 4"x4"x3/16"	HSS 4"x4"x1/8"	HSS 4"x4"x3/16"
12'-1" & OVER	HSS 4"x4"x3/16"	HSS 4"x4"x3/16"		

DOOR AND FRAME SCHEDULE

DOOR NUMBER	DOOR TYPE (1/A12)	SIZE/LOCATION	FINISH*	FRAME MAT.	HDW. GR.	H/J DETAIL	THRESH. DETAIL	RATING	REMARKS
1	D	18'-0" X 10'-5 5/8" MILL TO SALES	MILL	-	1	-	-	-	FLOOR SUPPORTED MILL FINISHED HORIZONTAL ROLLING GRILLE - MANUAL - NOTE 5.6.13.4
2	B	3'-0" X 6'-8" X 1/4" STOCK TO TOILET RM	PTD	METAL	3	8/A12	-	-	SEE NOTES 12.8
3	C	3'-0" X 6'-8" X 1/4" PASSAGE TO FITTING RM	PTD	WOOD	4	2-3/A12	-	-	VENDOR SUPPLIED
4	A	3'-0" X 1'-0" X 1/4" STOCK TO EXIT	PTD	METAL	5	8/A12	-	45 MIN.	SEE NOTES 12.4.6.1

* DENOTES AN EXISTING DOOR ALL HARDWARE TO COMPLY WITH ADA AND LOCAL HANDICAPPED CODE REQUIREMENTS

HARDWARE SETS

SET NO. 1	SET NO. 2A	SET NO. 2B	SET NO. 3	SET NO. 4	SET NO. 5
SELF-SUPPORTING ROLL-UP GRILLE	DOOR TO EGRESS: 1/2 - PAIR OF BUTTS 1 - LATCH SET 1 - WALL STOP 3 - SILENCERS 2 - KICK PLATES 1 - CLOSER	NON-EGRESS DOOR: 1/2 - PAIR OF BUTTS 1 - LATCH SET 1 - WALL STOP 3 - SILENCERS 2 - KICK PLATES 1 - CLOSER	1/2 - PAIR OF BUTTS 1 - PRIVACY LOCK SET 1 - WALL STOP 3 - SILENCERS 2 - KICK PLATES 1 - WALL STOP SATIN CHROME	HARDWARE FURNISHED BY VENDOR, INSTALLED BY T.G.C. 2 - STANLEY #110 SPRINGS 4 1/2" FIN D36 1 - SCHLAGE 880 PD JUPITER STOREROOM LEVERSET FIN D26 HARDWARE FURNISHED 4 INSTALLED BY T.G.C. 1 - WALL STOP IF REQUIRED.	1/2 - PAIR OF BUTTS 1 - PANIC HARDWARE SET A 1 - WALL STOP 2 - KICK PLATES 1 - SURFACE MTD. DR (3/4 HR. DOOR) 1 - CLOSER 1 - PEEP HOLE 1 - WALL STOP, SATIN CHROME

- BUTTS: IVEB STANDARD WEIGHT 5 KNUCKLE BEARING HINGES 95824 4 1/2" X 4"
- PASSAGE SET: SARGENT 1015 L1 LEVER DESIGN
- PRIVACY LOCK SET: SARGENT 10165 L1 LEVER DESIGN
- CLOSER: CORBIN RUSSELL DC6200 SERIES
- KICK PLATE: IVEB #8400-932D-12X34-C8
- WALL STOP: SILENCER: IVEB #5864
- REDUCER STRIP: SEE SILL DETAILS
- DOOR ASTRAGAL: GRAINGER #58AD38
- LEVEL 3 SECURITY SPEC. - EXITING DIRECTLY TO EXTERIOR OF BUILDING
- PANIC HARDWARE SET "B": 453EL272 - 4 POINT TRIDENT SECURITY LOCK
- TDL1418200 - DOOR LOOP - FOR AC POWER
- TP51700000 - POWER SUPPLY (NO BATTERY)
- 316B034C2 - MORTISE CYLINDER - FOOTLOCKER
- K20FACTRY - FACTORY COMBINATION KEY

DOOR HARDWARE NOTES

1. ALL HARDWARE REPRESENTS THE INTENDED QUALITY, STYLE AND APPEARANCE.
2. IF NEW ALL HARDWARE IS TO BE 260 FINISH. DOOR HARDWARE SHALL BE MOUNTED AT NOT LESS THAN 36" OR MORE THAN 48" ABOVE FLOOR.
3. PROVIDE LEATHER STRIPPING AND ADA THRESHOLD AT EXTERIOR DOORS. ALL THRESHOLDS SHALL NOT EXCEED 1/2" MAX. HEIGHT.
4. NEW SECURITY EXIT DEVICE PER DOOR SCHEDULE. EXIT DEVICE FURNISHED AND INSTALLED BY TENANT'S AUTHORIZED VENDOR SECURITY SOLUTIONS (800-378-1600). SEE 5/14 FOR GENERAL CONTRACTOR RESPONSIBILITIES.
5. TENANT G.C. COORDINATE WITH GRILLE MFR AND SHALL VERIFY THAT GRILLE INSTALLATION MEETS ALL LANDLORD AND TENANT REQUIREMENTS.
6. EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
7. HARDWARE AT SERVICE DOOR SHALL BE BUILDING STANDARD AS WHEN REQUIRED BY THE LANDLORD CRITERIA.
8. IF NOT EXISTING, G.C. TO UNDER CUT TOILET ROOM DOOR 1" TO PROVIDE AIR FLOW.
9. REPLACE DAMAGED OR MISSING HARDWARE. REPLICATE LOCK CYLINDERS AND PROVIDE TENANT WITH (2) NEW KEYS.
10. REPLACE U-CHANGE CYLINDERS ON STOREFRONT DOORS & GRILLES WHEN EXISTING AND PROVIDE TENANT WITH (2) KEYS (BY SECURITY VENDOR).
11. LOCKING DEVICE SHALL BE READILY DISTINGUISHABLE AS BEING LOCKED.
12. A SIGN SHALL BE POSTED ON EGRESS SIDE OF BOTTOM RAIL STATING THIS DOOR TO REMAIN UNLOCKED WHEN SPACE IS OCCUPIED. SIGN SHALL BE IN LETTERS 1" HIGH ON A CONTRASTING BACKGROUND.
13. GRILLE VENDOR TO PROVIDE KEY SWITCH FOR GROUP CONTROL. REFER TO PLAN FOR LOCATION. G.C. TO COORDINATE WITH GRILLE VENDOR ON SWITCH INSTALL AND POWER REQUIREMENT.
14. PRIOR TO BID & ORDERING, CONTRACTOR TO VERIFY EXACT OPENING DIMENSION BEFORE ORDERING OR FABRICATING. PROVIDE SHOP DRAWINGS TO FOOT LOCKER FOR APPROVAL PRIOR TO FABRICATION.
15. ALL EXTERIOR EGRESS DOORS OR DOORS WITH CLOSE PROXIMITY TO AN EXTERIOR EGRESS MUST HAVE A FULL LENGTH ASTRAGAL SUPPLIED & INSTALLED BY T.G.C. REFER TO DETAIL 11/A12.

DOOR HARDWARE NOTES - ADA

- 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN
- 404.2.3 DOOR WIDTH AND HEIGHTS: DOOR OPENING SHALL PROVIDE A CLEAR WIDTH OF 32 INCHES MIN. CLEAR OPENINGS OF DOORWAYS WITH SWINGING DOORS SHALL BE MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP WITH THE DOOR OPEN 90 DEGREES. OPENINGS MORE THAN 24 INCHES DEEP SHALL PROVIDE A CLEAR OPENING OF 36 INCHES MIN. THERE SHALL BE NO PROJECTIONS INTO THE REQUIRED CLEAR OPENING WIDTH LOWER THE 34 INCHES ABOVE THE FINISH FLOOR OR GROUND. PROJECTIONS INTO THE CLEAR OPENING WIDTH BETWEEN 34 INCHES AND 80 INCHES ABOVE THE FINISH FLOOR OR GROUND SHALL NOT EXCEED 4 INCHES.
- 404.2.5 THRESHOLDS: THRESHOLDS, IF PROVIDED AT DOORWAYS, SHALL BE 1/2" HIGH MAXIMUM. RAISED THRESHOLDS AND CHANGES IN LEVEL AT DOORWAYS SHALL COMPLY WITH 302 AND 303.
- 404.2.1 HARDWARE: HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERABLE PARTS ON DOORS SHALL COMPLY WITH 309.4 OPERABLE PARTS AS SUCH HARDWARE SHALL BE 34 INCHES MIN. AND 48 INCHES MAX. ABOVE THE FINISH FLOOR OR GROUND.
- 404.2.6 CLOSING SPEED: 404.2.6.1 CLOSERS: DOOR CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO A POSITION OF 0 DEGREES FROM THE LATCH IS 5 SECONDS MINIMUM.
- 404.2.6.2 SPRING HINGES: DOOR AND GATE SPRING HINGES SHALL BE ADJUSTED SO THAT FROM THE OPEN POSITION OF 90 DEGREES, THE DOOR OR GATE SHALL MOVE TO THE CLOSED POSITION IN 15 SECONDS MINIMUM.
- 404.2.9 FORCES: THE FORCE FOR PULLING OR PUSHING OPEN A DOOR OTHER THAN FIRE DOORS SHALL BE AS FOLLOWS: 1. INTERIOR HINGED DOORS - 5 POUNDS MAXIMUM. 2. SLIDING OR FOLDING DOORS - 5 POUNDS MAXIMUM. THESE FORCES DO NOT APPLY TO THE FORCE REQUIRED TO RETRACT LATCH BOLTS OR DISENGAGE OTHER DEVICES THAT HOLD THE DOOR OR GATE IN THE CLOSED POSITION.
- 206.4 ENTRANCES: ENTRANCES SHALL BE PROVIDED IN ACCORDANCE THIS SECTION AND 404 AND ACCESSIBLE ROUTE SECTION 402.
- 206.4.1 PUBLIC ENTRANCE: AT LEAST 60 PERCENT OF ALL PUBLIC ENTRANCES SHALL COMPLY WITH 404.
- 216.6 ENTRANCE SIGNS: ENTRANCES COMPLYING WITH 404 SHALL BE IDENTIFIED BY THE INTERNATIONAL SYMBOL OF ACCESSIBILITY COMPLYING WITH 103.12.1 DIRECTIONAL SIGNS COMPLYING WITH 103.8 THAT INDICATE THE LOCATION OF THE NEAREST ENTRANCE COMPLYING WITH THE 404 SHALL BE PROVIDED AT ENTRANCES THAT DO NOT COMPLY WITH 404. SUCH SIGNS SHALL BE MOUNTED ON THE OUTSIDE OF THE DOOR'S LATCH SIDE AND 48" ABOVE THE FINISHED FLOOR OR GROUND SURFACE. MEASURED FROM THE BASELINE OF THE LOWEST TACTILE CHARACTER AND 60" MEASURED FROM THE BASELINE OF THE HIGHEST TACTILE CHARACTER.

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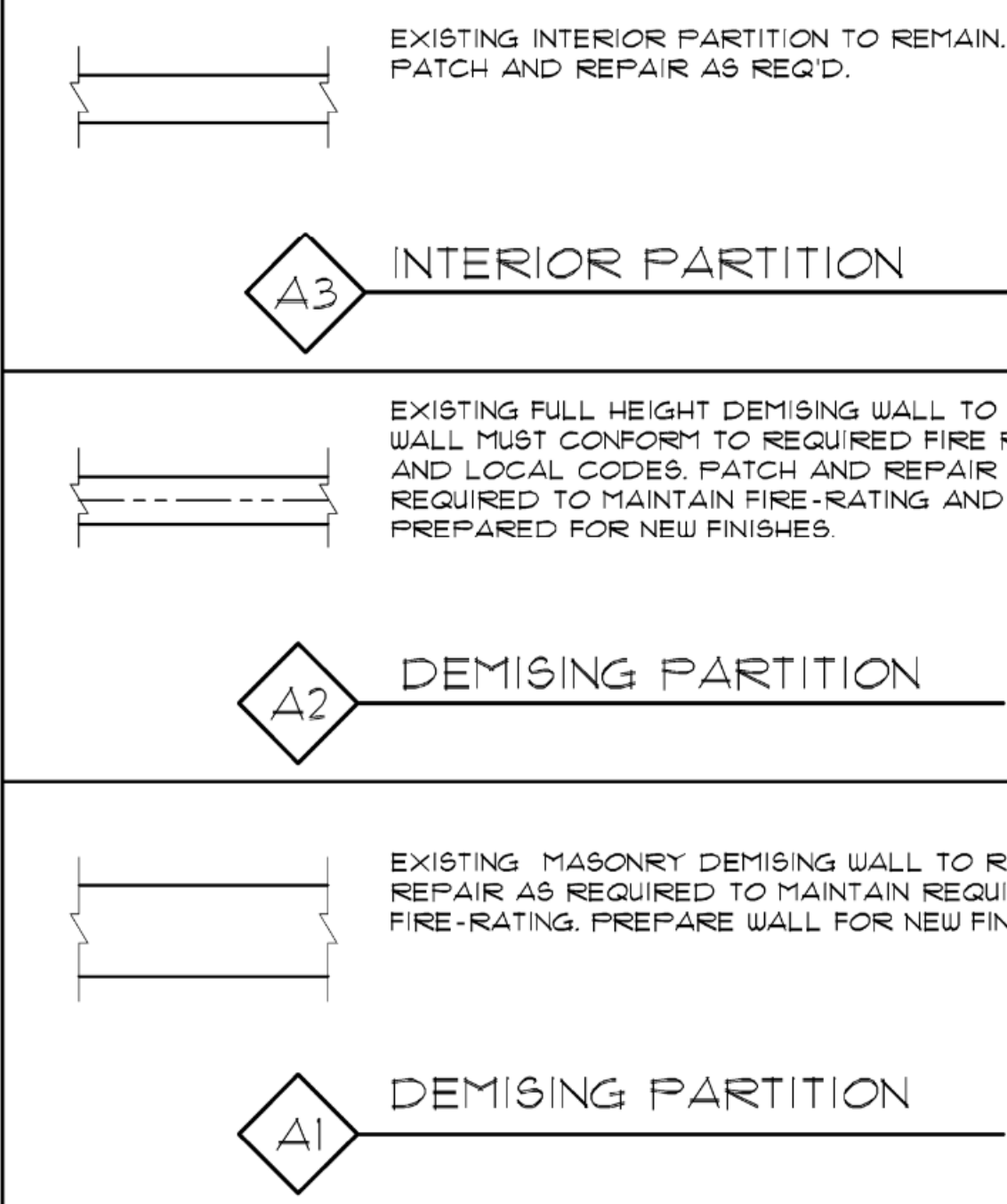
1) ALL METAL STUDS TO BE CEMCO I.C.B.O. 19-403-F 3 5/8" X 25 GA. AT 16" O.C. THROUGHOUT STORE AND 3 5/8" X 25 GAUGE AT 16" O.C. AT STOREFRONT UNLESS NOTED OTHERWISE. ALLOWABLE UNBRACED HEIGHT AS PER CHART BELOW.

METAL STUD SIZE	MAXIMUM UNBRACED HEIGHT
3 5/8" X 25 GA.	11'-3"
3 5/8" X 20 GA.	14'-0"
3 5/8" X 16 GA.	18'-0"
6" X 25 GA.	16'-0"
6" X 20 GA.	21'-0"
6" X 16 GA.	25'-0"

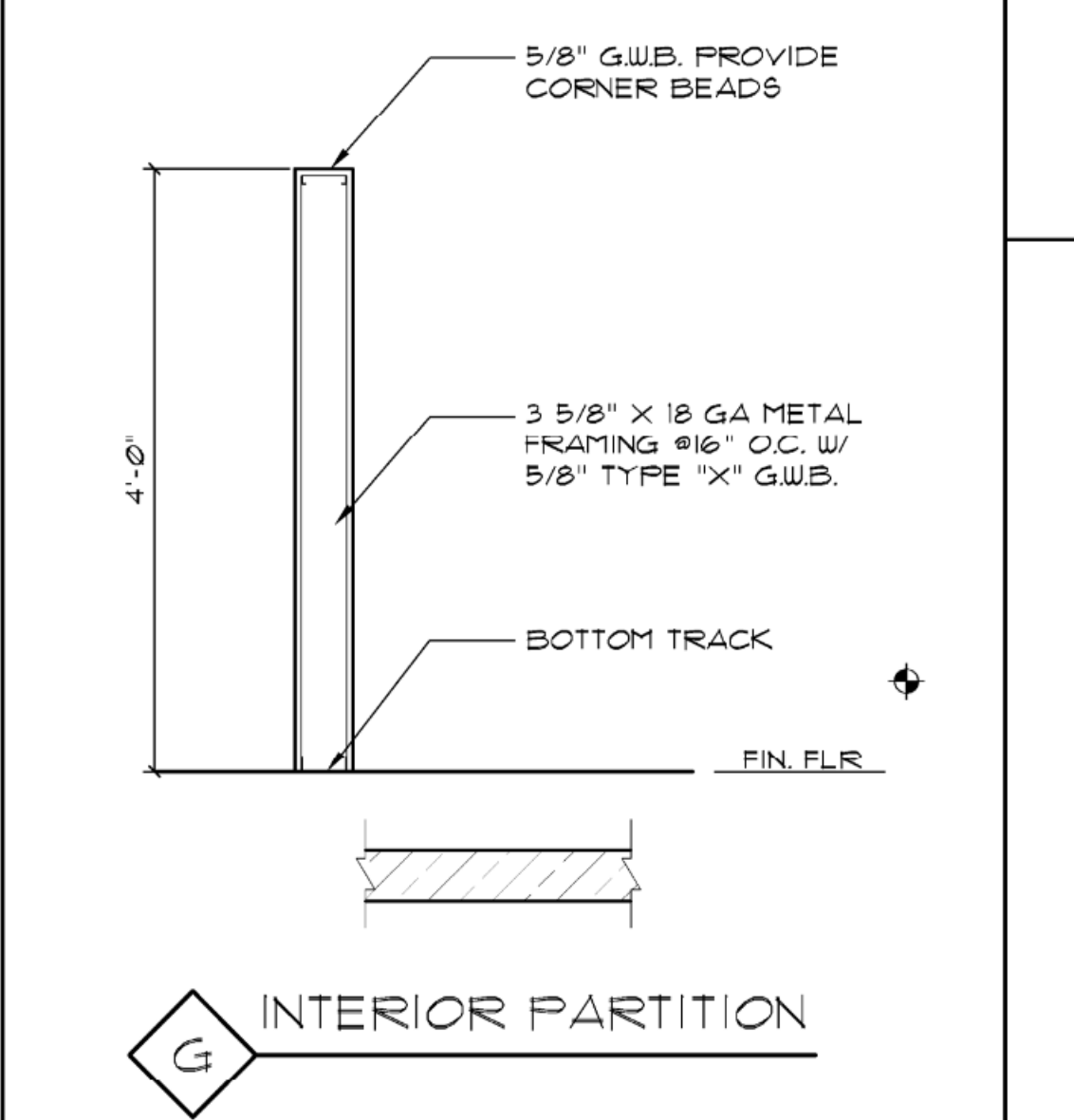
2) ALL CONNECTION AND FASTENERS TO BE AS PER DETAILS. ALL MANUFACTURERS AND I.C.B.O. * TO BE STRICTLY ADHERED TO BY G.C. UNLESS APPROVAL FOR EQUAL SUBSTITUTION IS RECEIVED FROM THE BUILDING DEPARTMENT.

3) ALL GYP. WALL BOARD TO BE 5/8" TYPE "X" THROUGHOUT. ATTACH W/ 1" TYPE 5 DRYWALL SCREWS 12" O.C. VERTICALLY AT STUDS AND 8" O.C. AROUND PERIMETER.

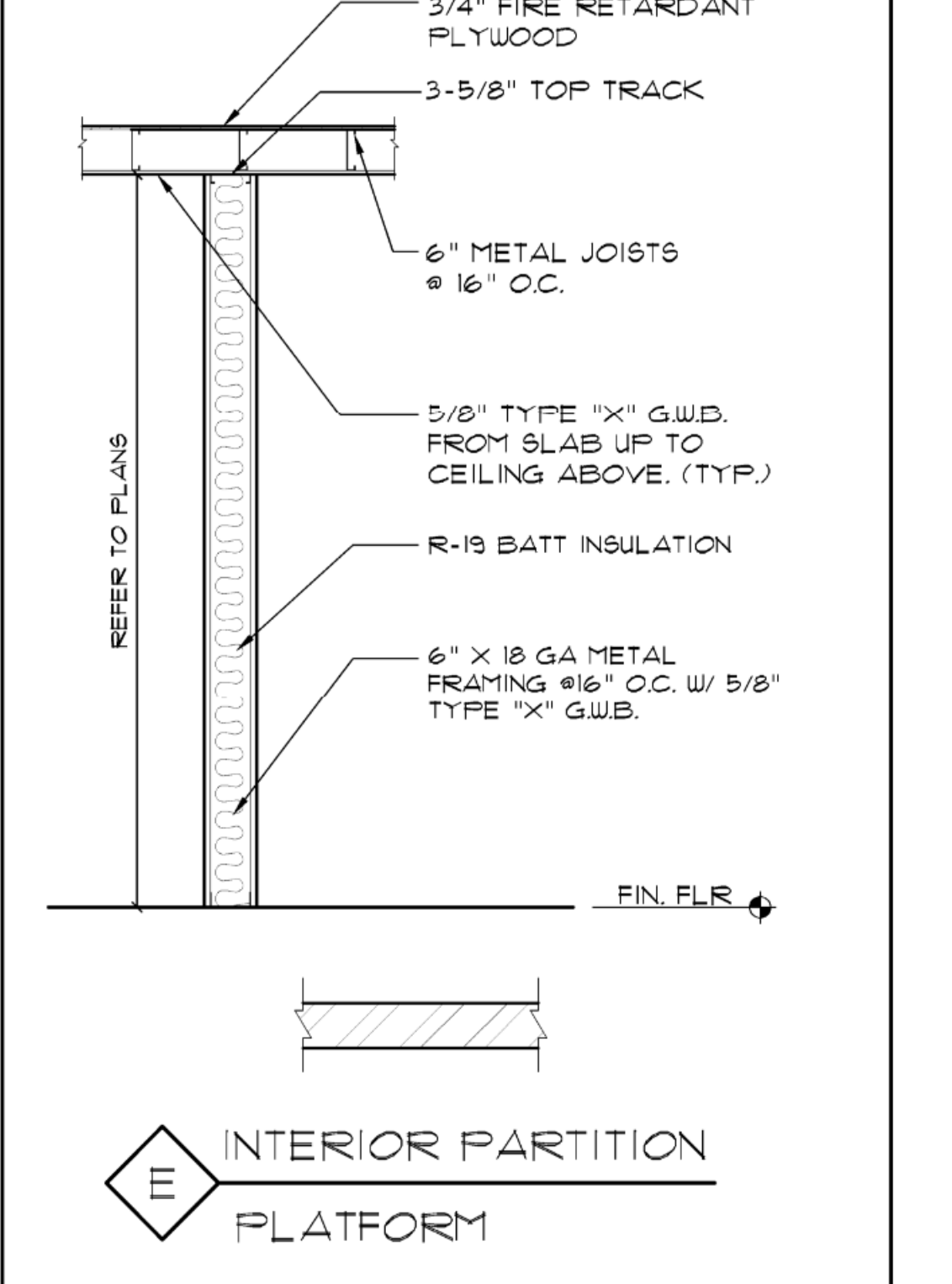
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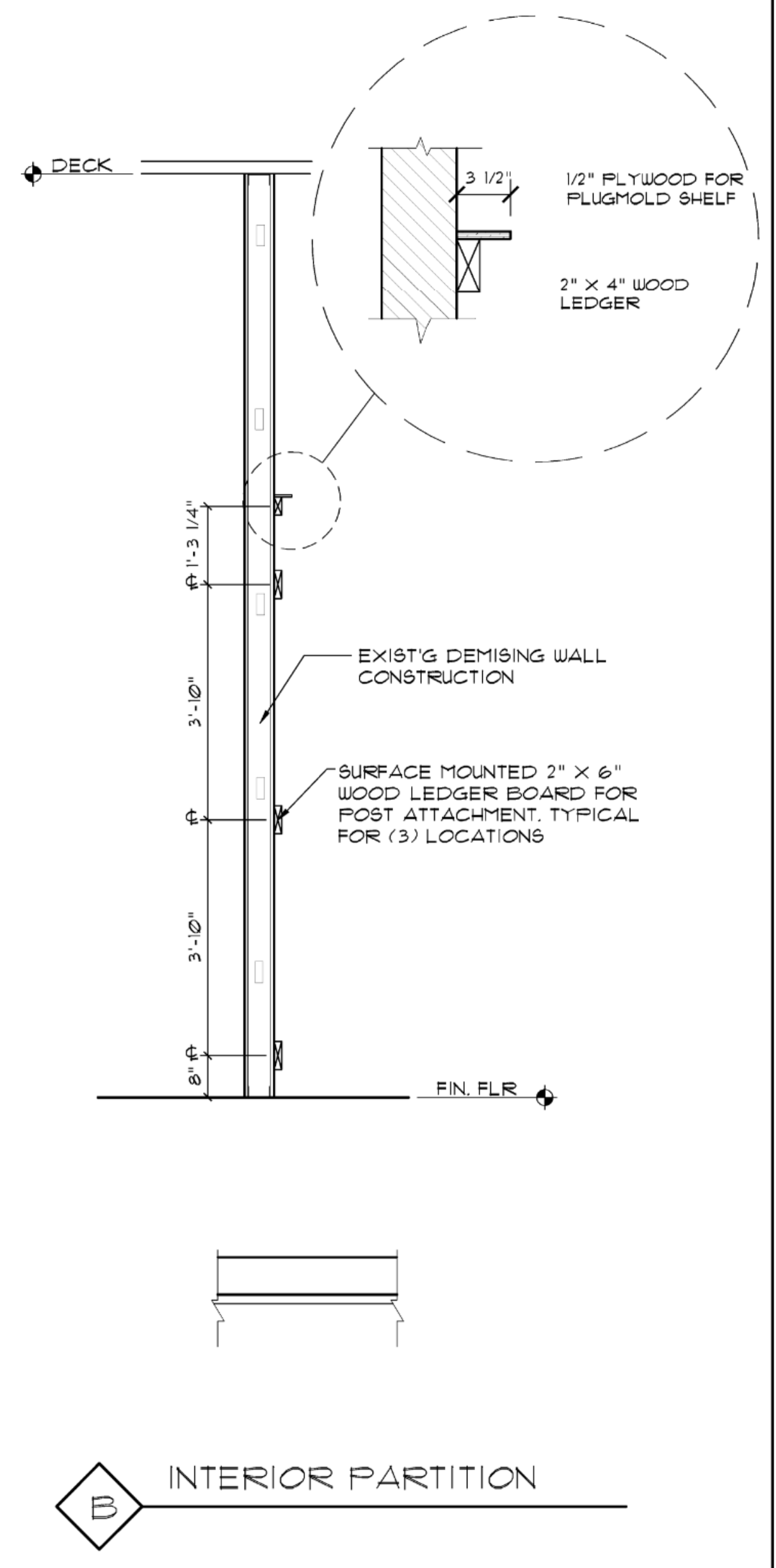
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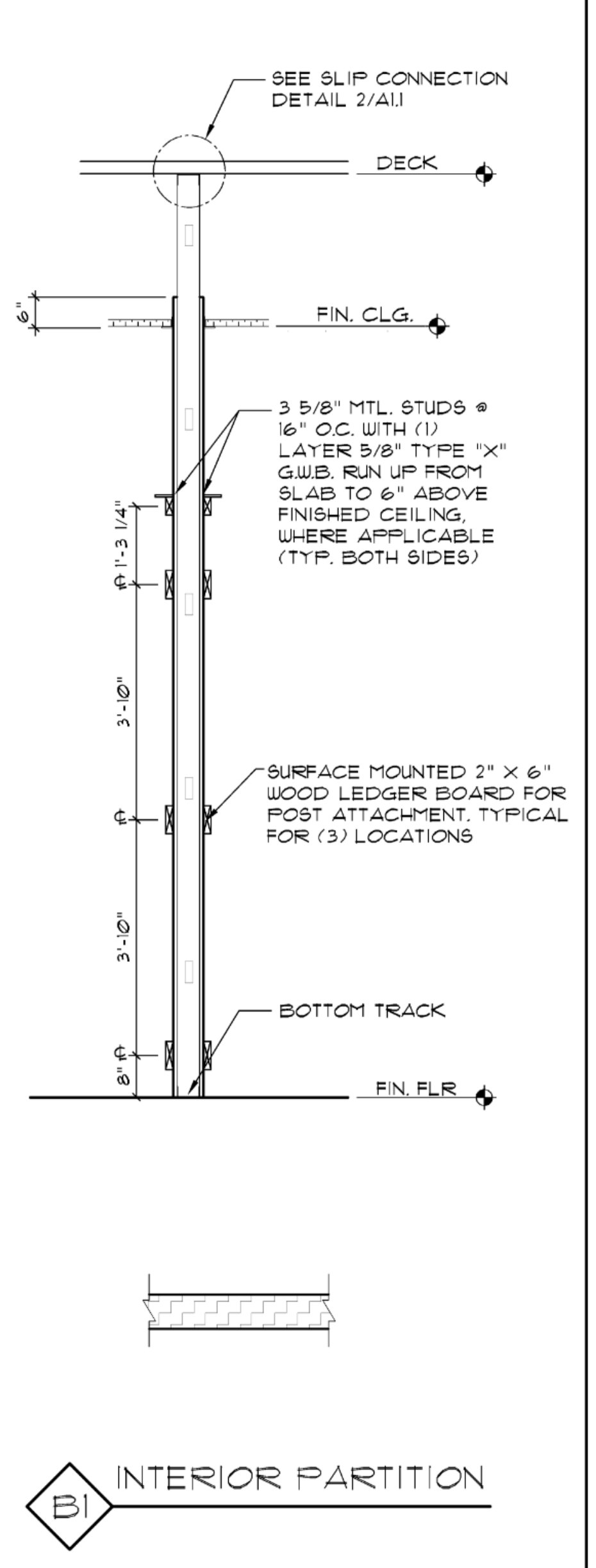
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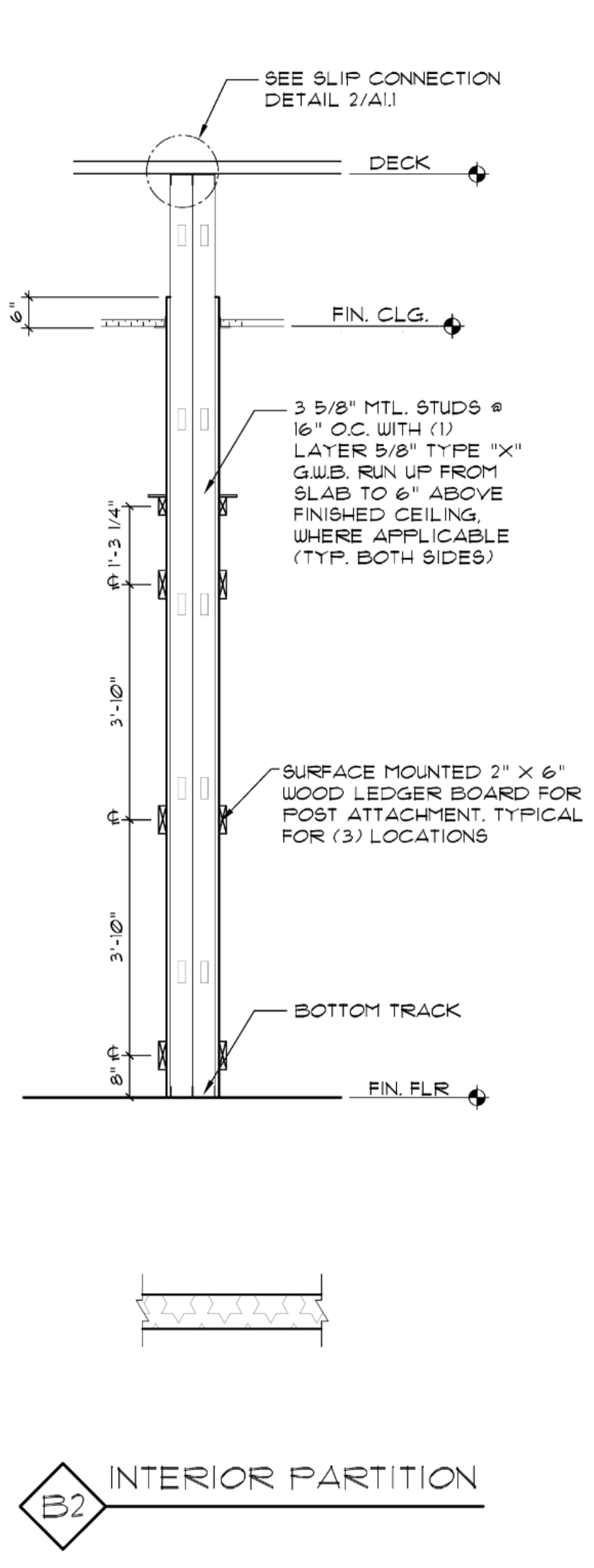
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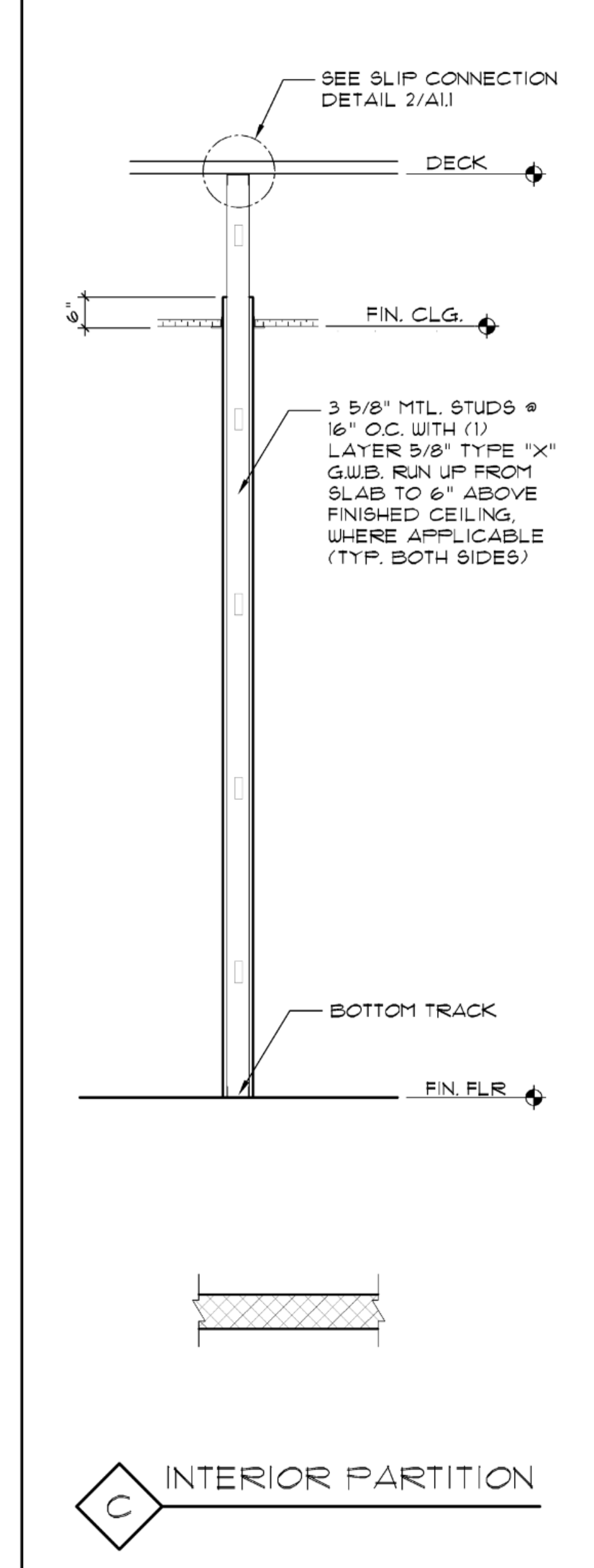
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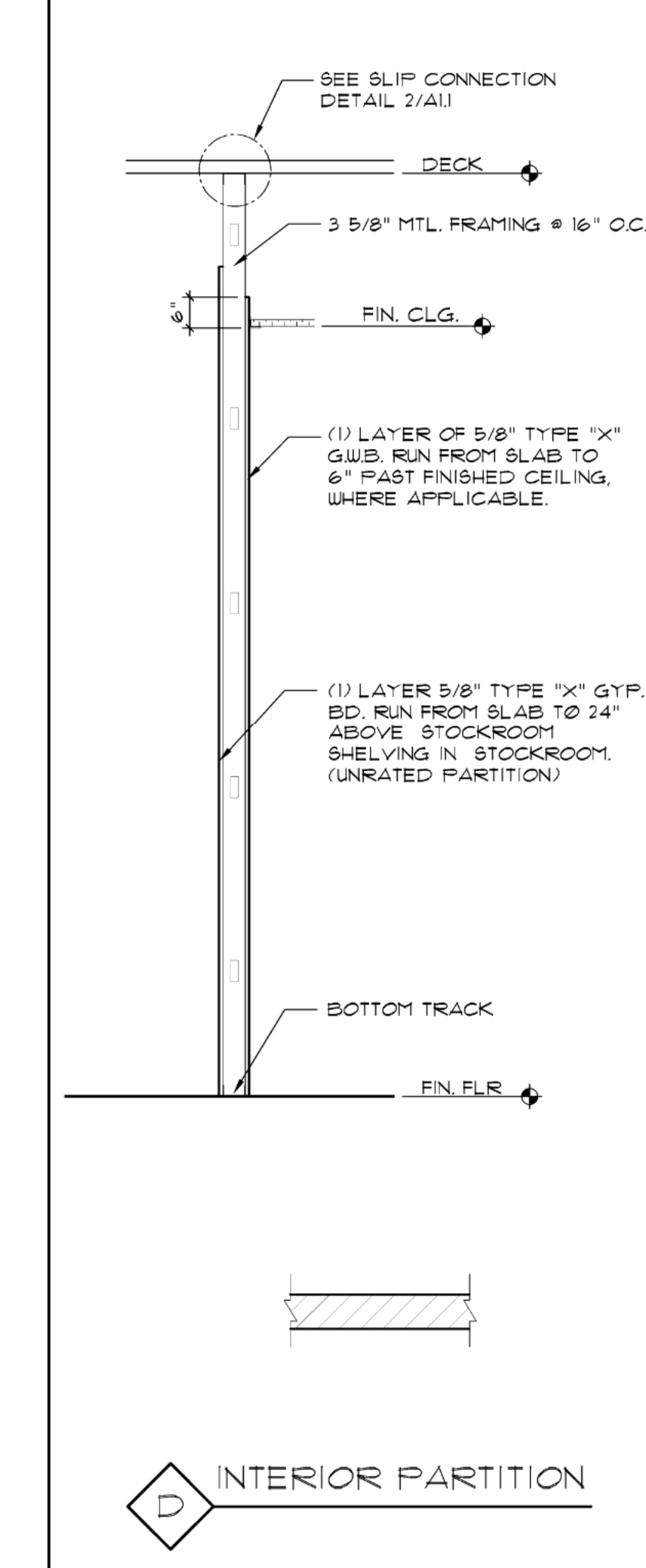
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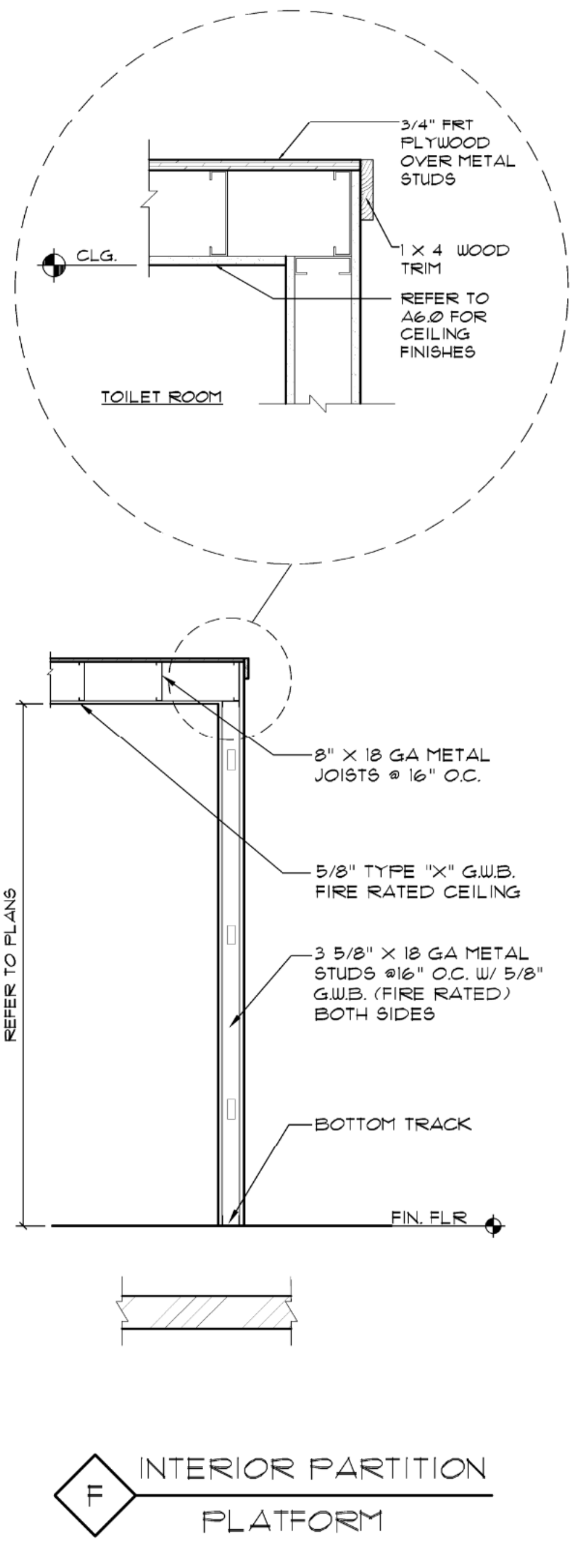
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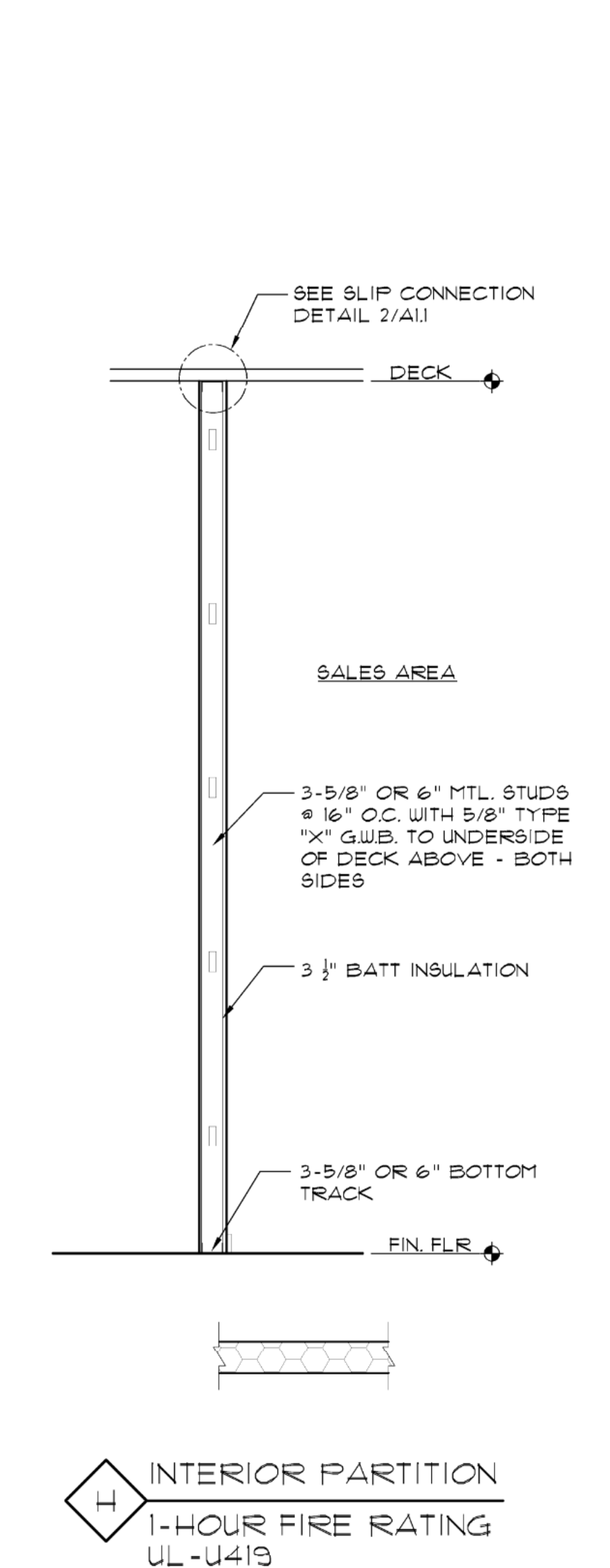
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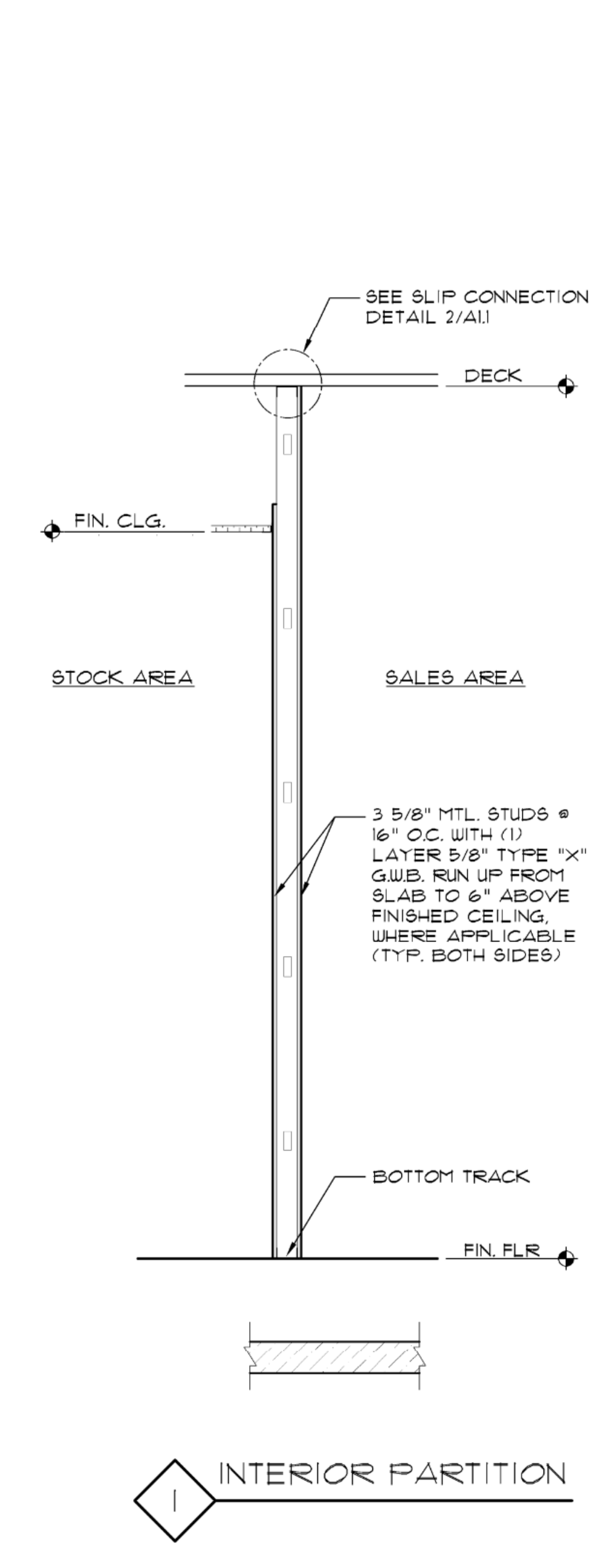
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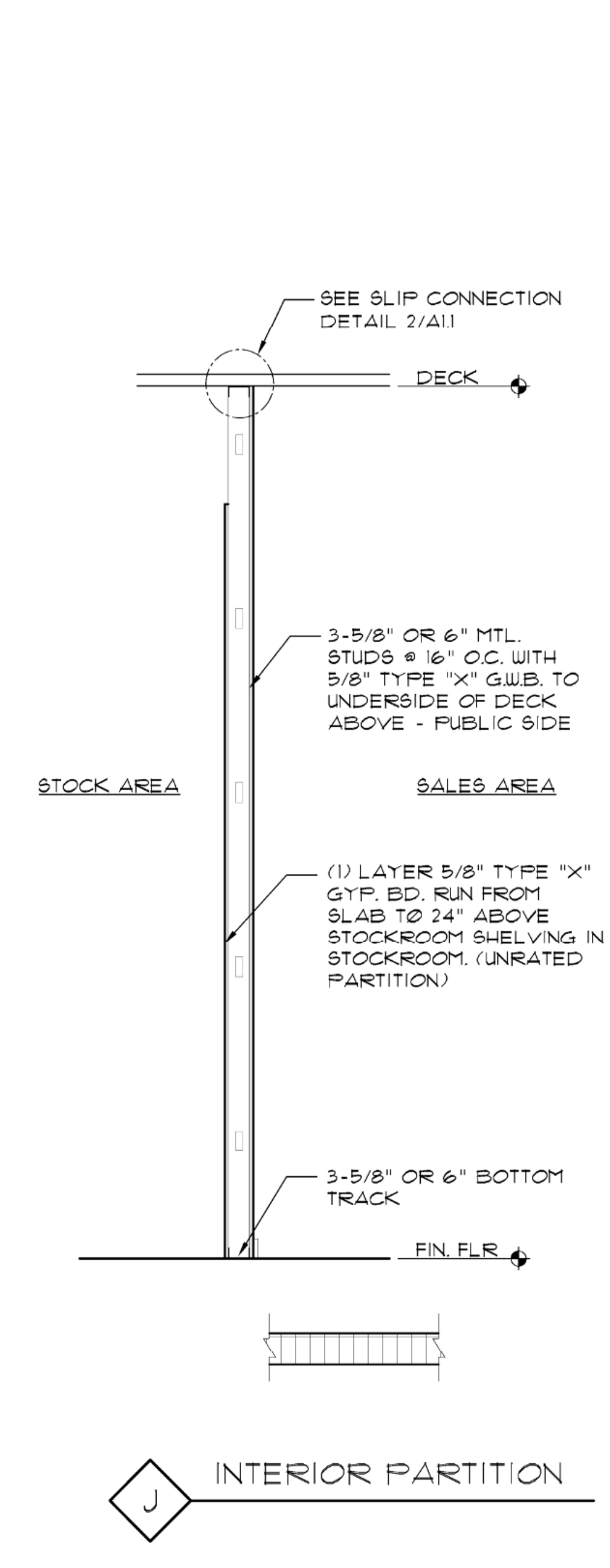
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PARTITION TYPE "H"



PARTITION TYPE "I"



PARTITION TYPE "J"

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SHEET NO. **A1.1**
9 of 33

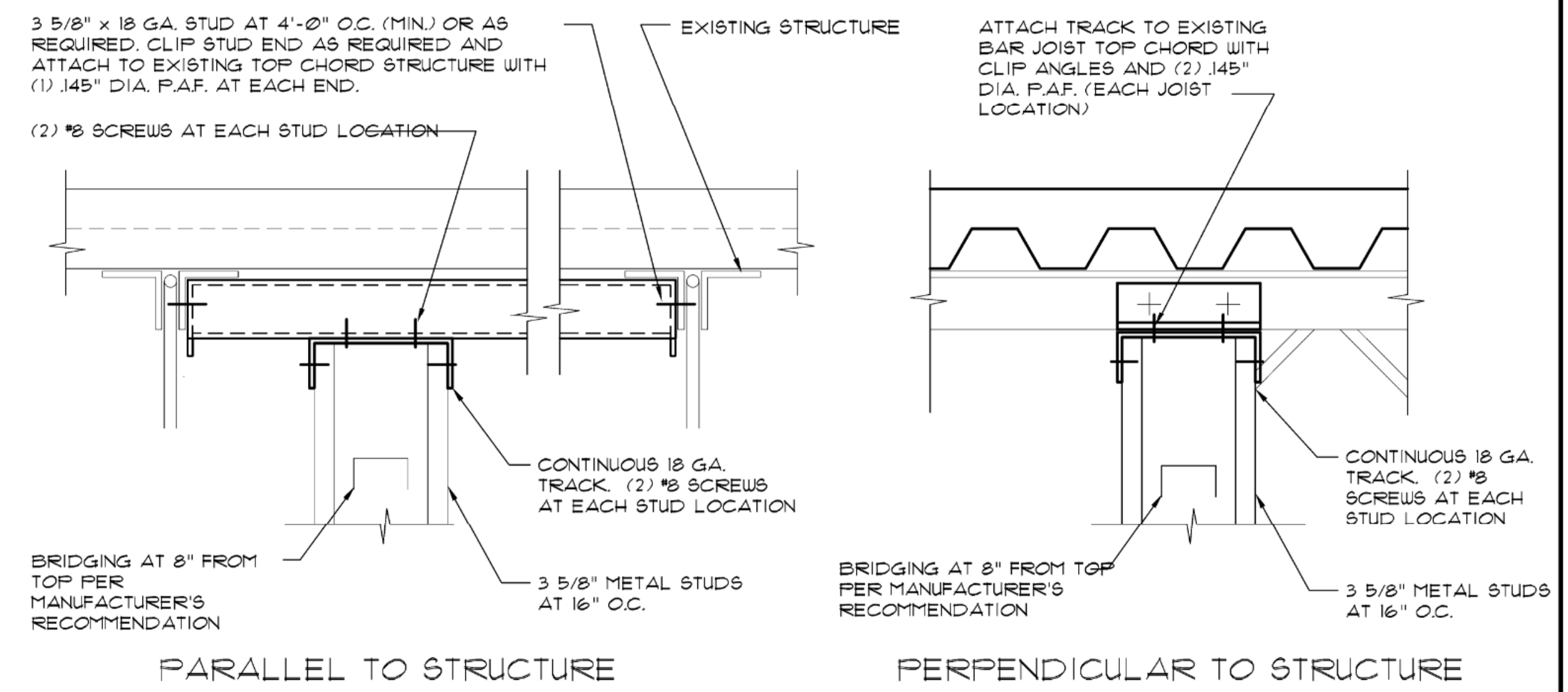
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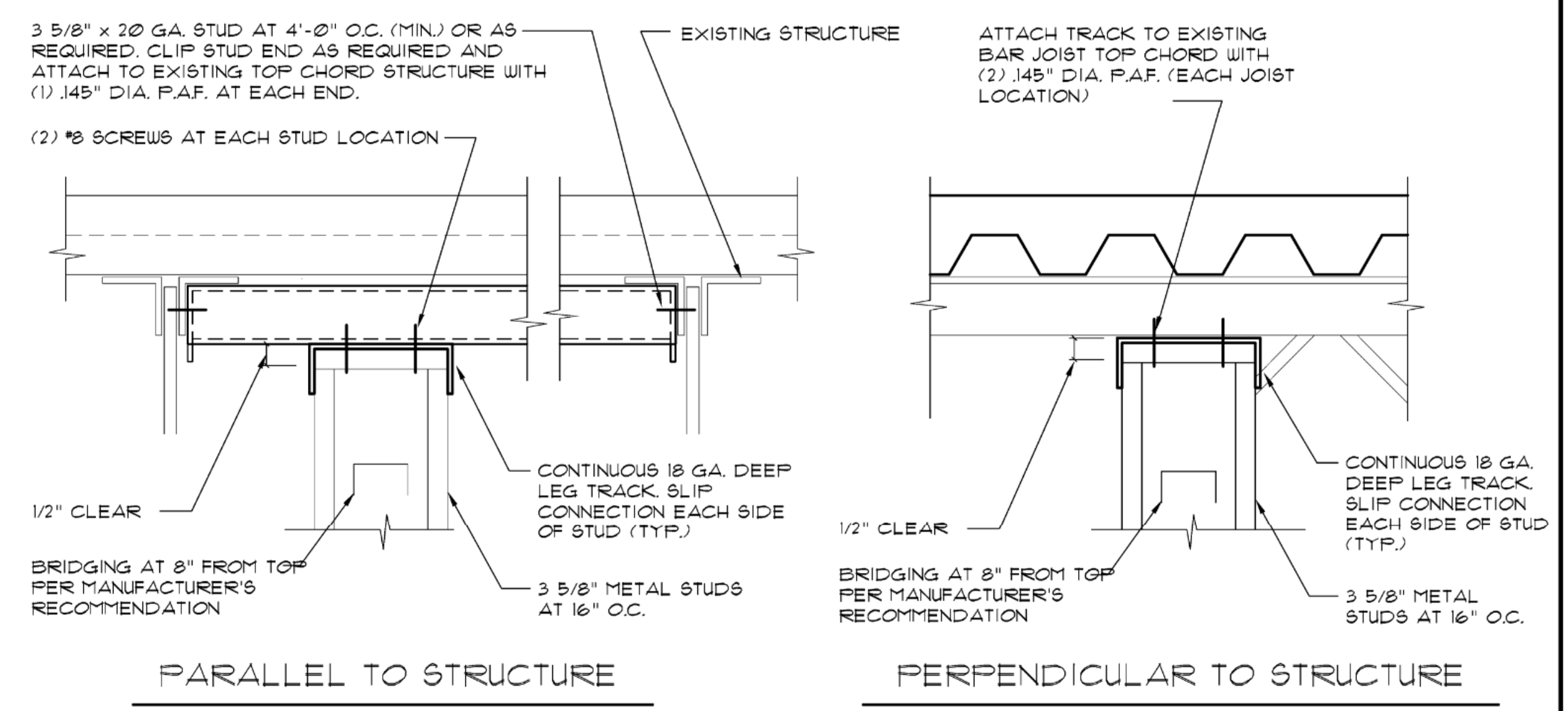
LDG Engineers and Architects, PC
1000 COMMERCE PARK DRIVE
SUITE 201
WILLIAMSPORT, PA 17701
PHONE: (877) 323-6603
FAX: (570) 323-6902
LARSONDESIGNGROUP.COM

- 1) ALL METAL STUDS TO BE CEMCO I.C.B.O. #3403-P 3 5/8" x 25 GA. AT 16" O.C. THROUGHOUT STORE AND 3 5/8" x 25 GA. AT 16" O.C. AT STOREFRONT UNLESS NOTED OTHERWISE. ALLOWABLE UNBRACED HEIGHT AS PER CHART BELOW.
- | METAL STUD SIZE | MAXIMUM UNBRACED HEIGHT |
|-----------------|-------------------------|
| 3 5/8" x 25 GA. | 11'-3" |
| 3 5/8" x 20 GA. | 14'-0" |
| 3 5/8" x 16 GA. | 18'-0" |
| 6" x 25 GA. | 16'-0" |
| 6" x 20 GA. | 21'-0" |
| 6" x 16 GA. | 25'-0" |
- 2) ALL CONNECTION AND FASTENERS TO BE AS PER DETAILS. ALL MANUFACTURERS AND I.C.B.O. * TO BE STRICTLY ADHERED TO BY G.C. UNLESS APPROVAL FOR EQUAL SUBSTITUTION IS RECEIVED FROM THE BUILDING DEPARTMENT.
 - 3) ALL GYP. WALL BOARD TO BE 5/8" TYPE "X" THROUGHOUT. ATTACH w/ 1" TYPE S DRYWALL SCREWS 12" O.C. VERTICALLY AT STUDS AND 8" O.C. AROUND PERIMETER.

METAL STUDS BRACE CHART



1 CONNECTION DETAILS



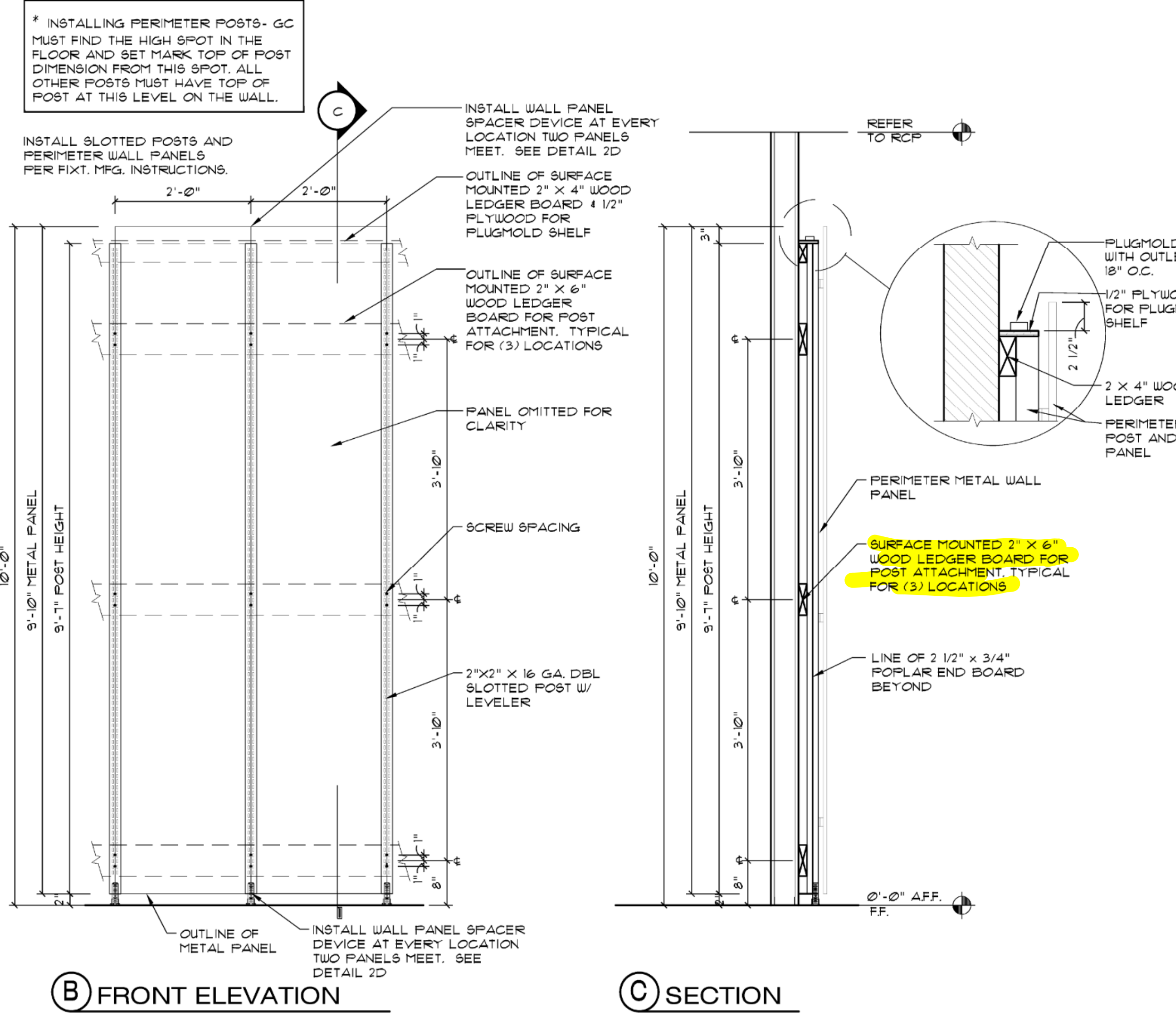
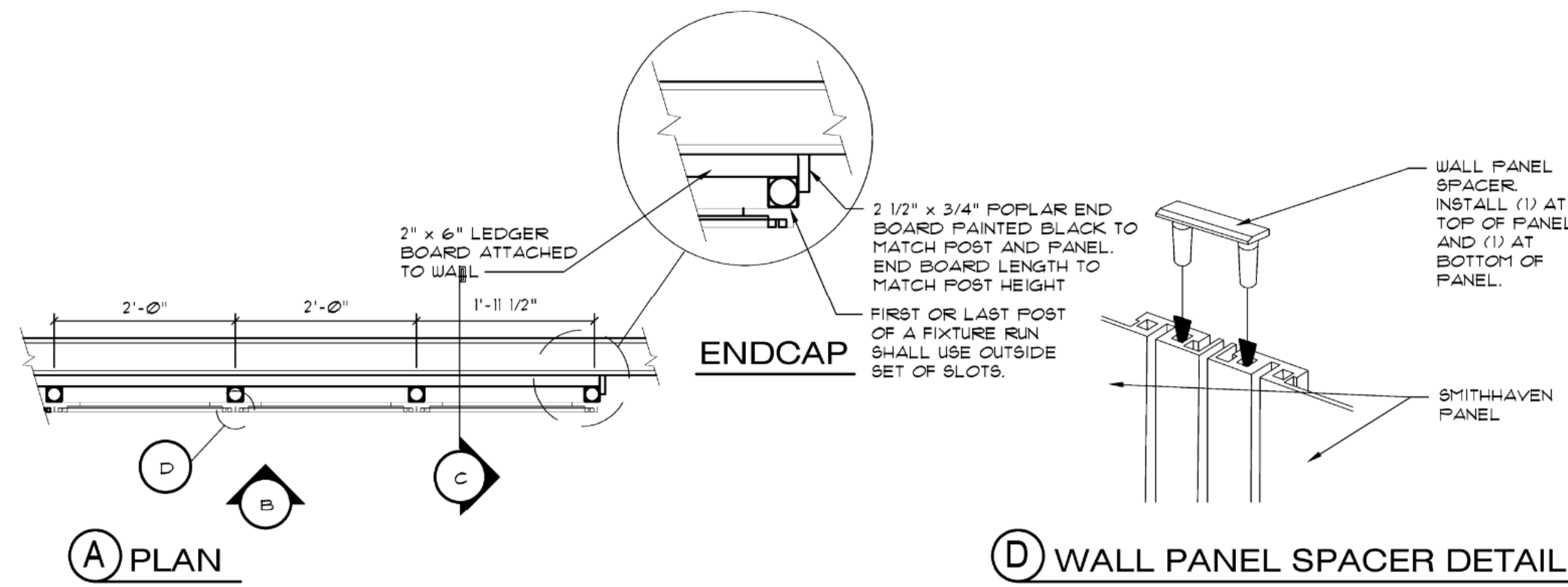
2 SLIP TRACK CONNECTION DETAILS

SHEET TITLE
PARTITION TYPES & DETAILS
SHEET NO. **A1.1A**
10 of 33

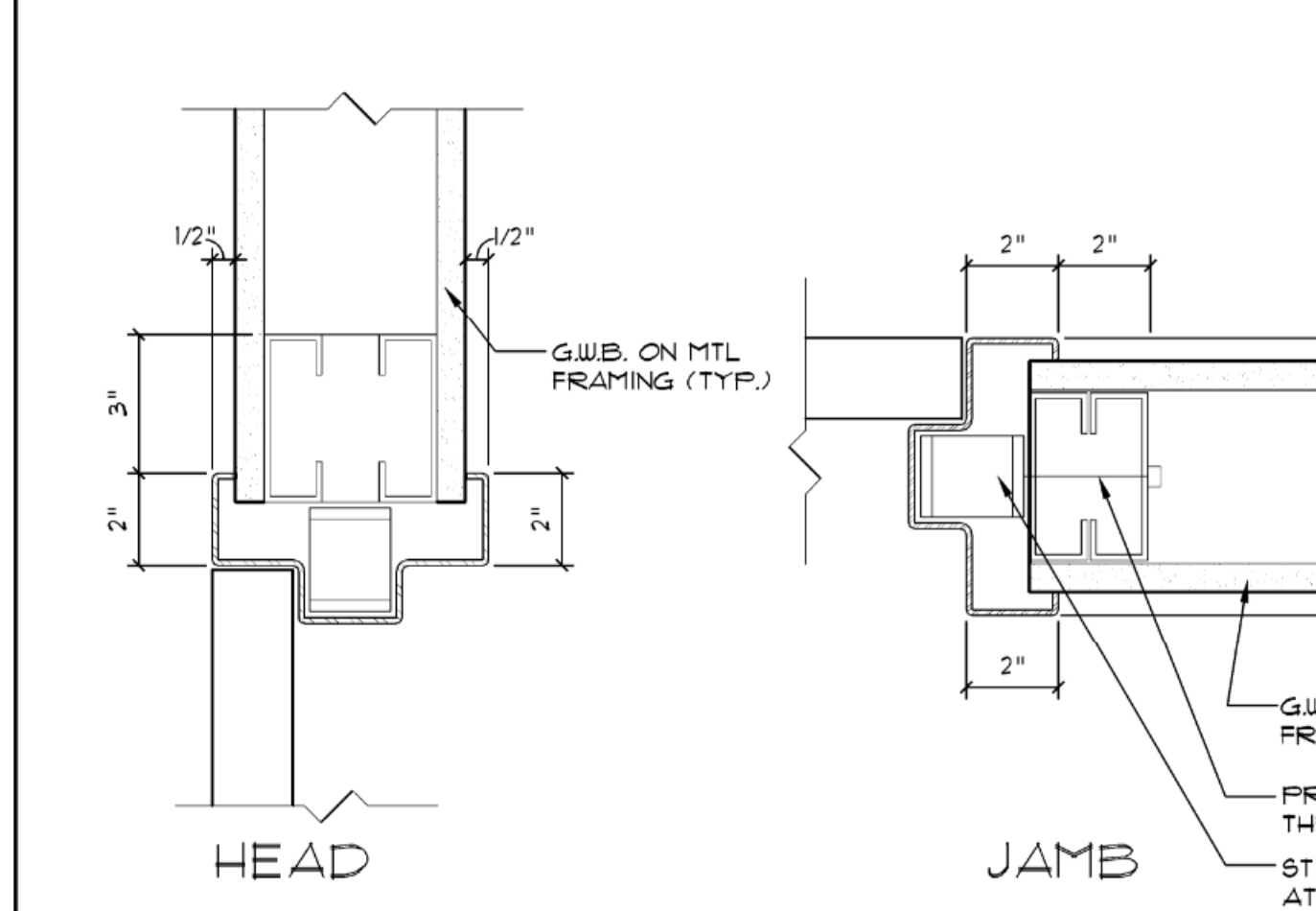
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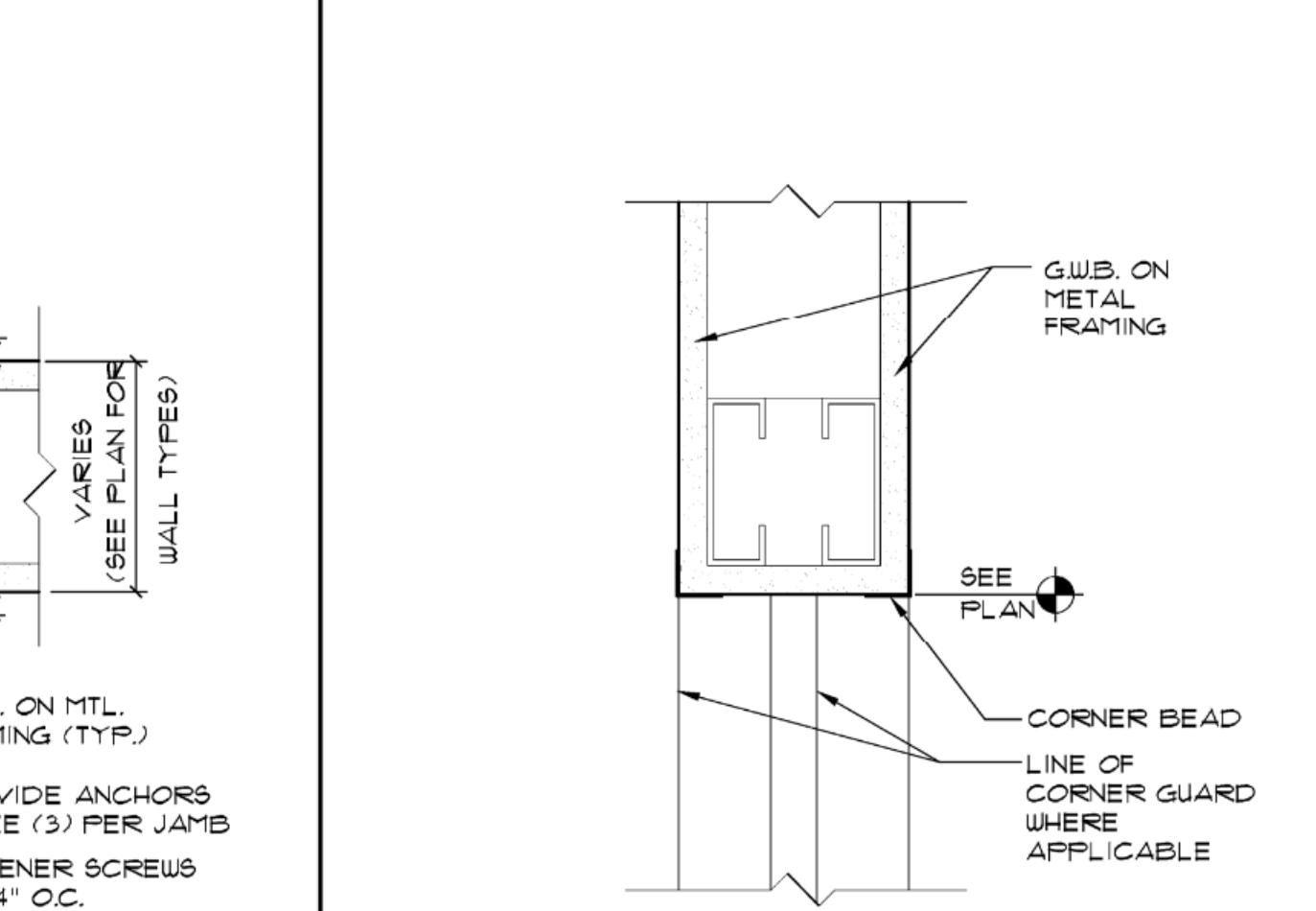
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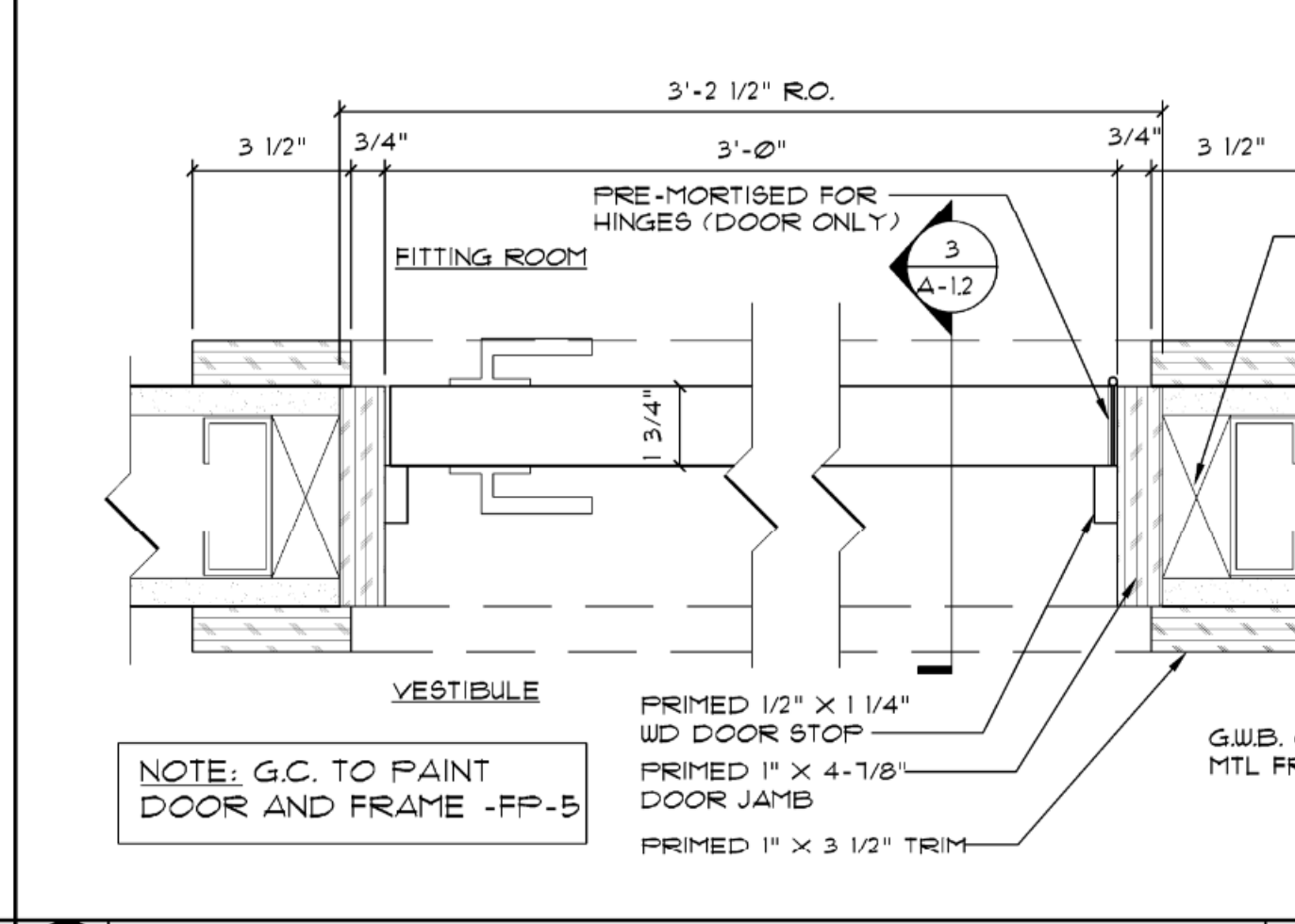
10 COLUMN PLAN VIEW SCALE: 1 1/2" = 1'-0"



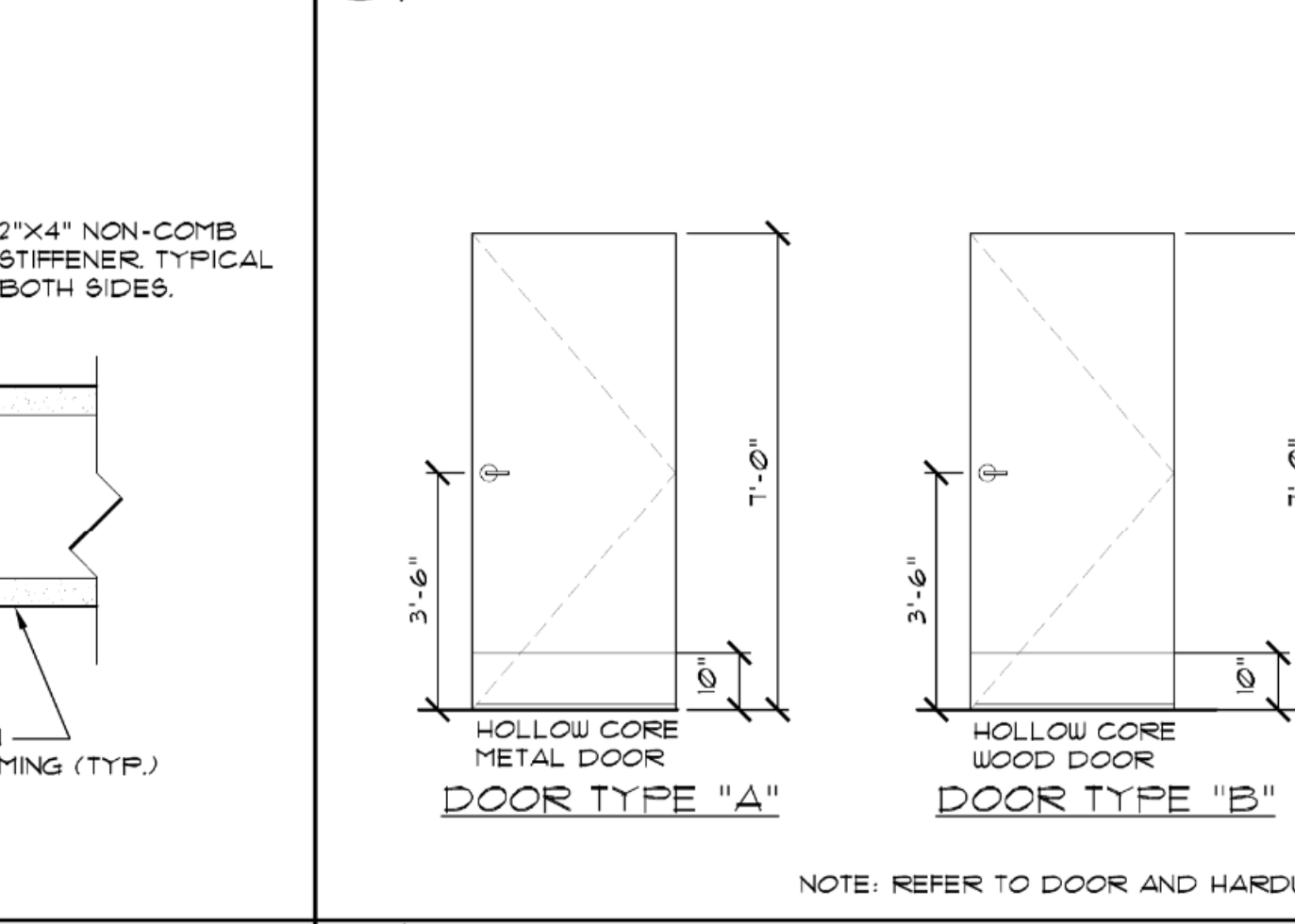
11 DOOR ASTRAGAL DETAIL SCALE: 3/4" = 1'-0"



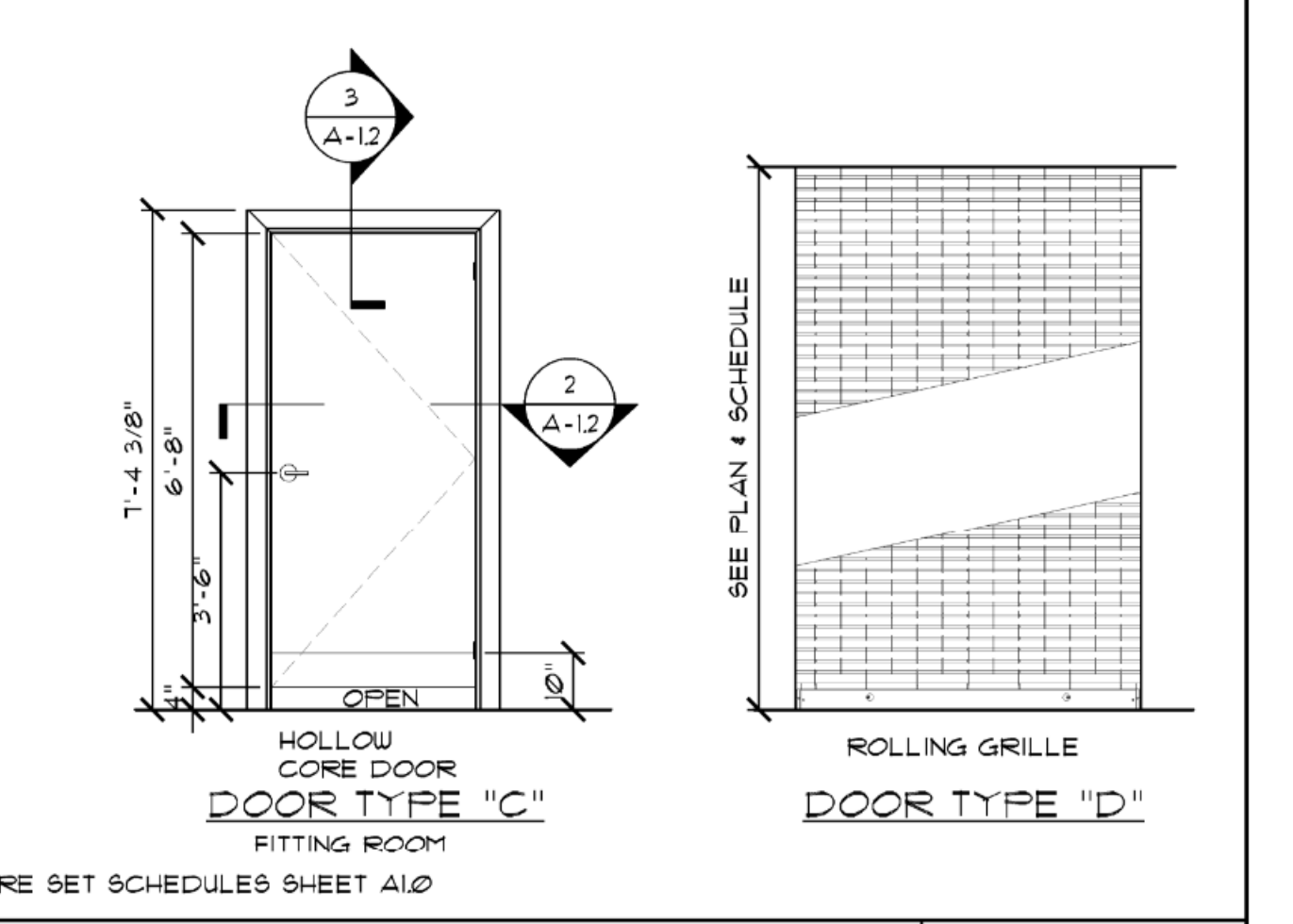
8 DOOR JAMB & HEAD DETAIL SCALE: 3" = 1'-0"



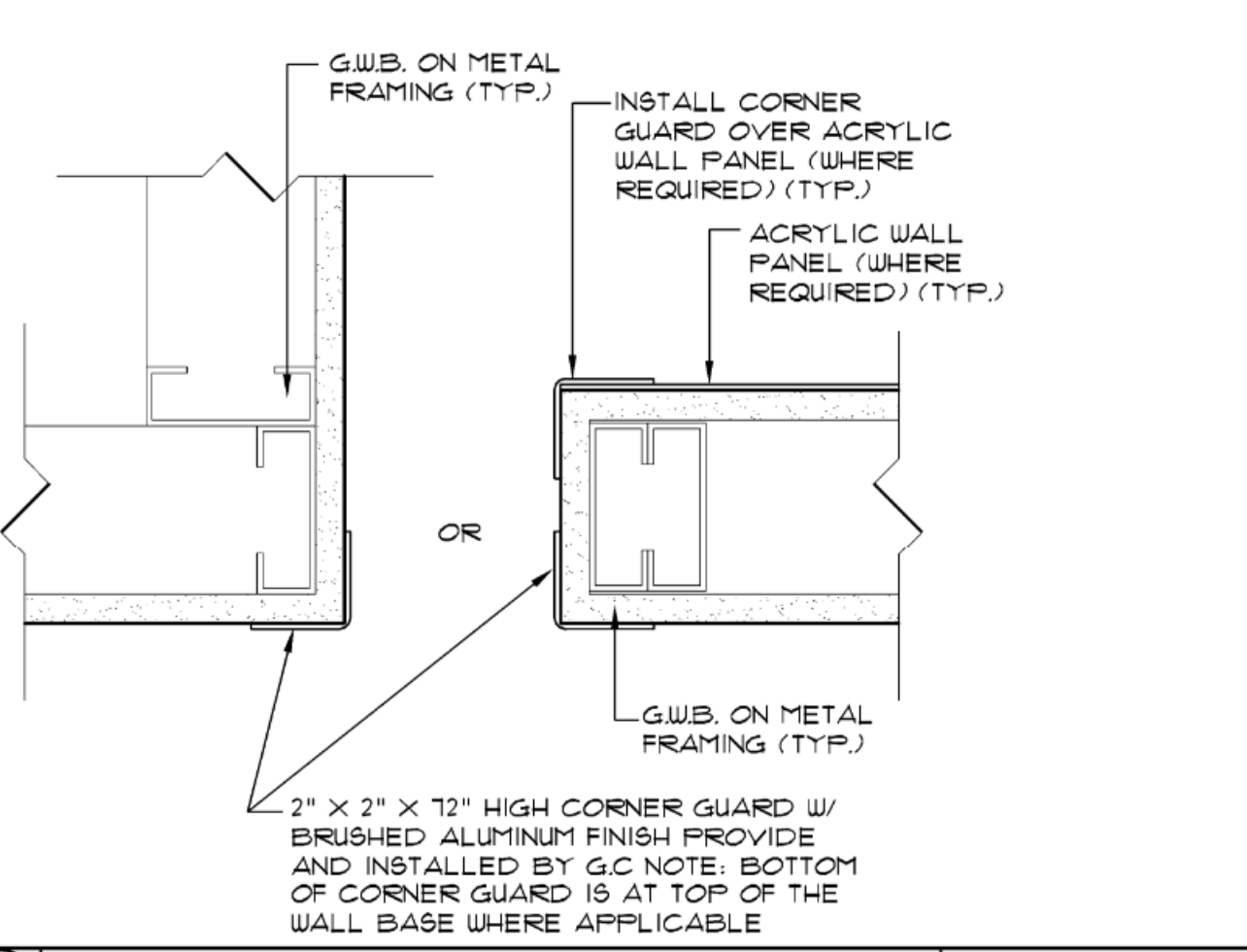
7 WALL HEAD DETAIL SCALE: 3" = 1'-0"



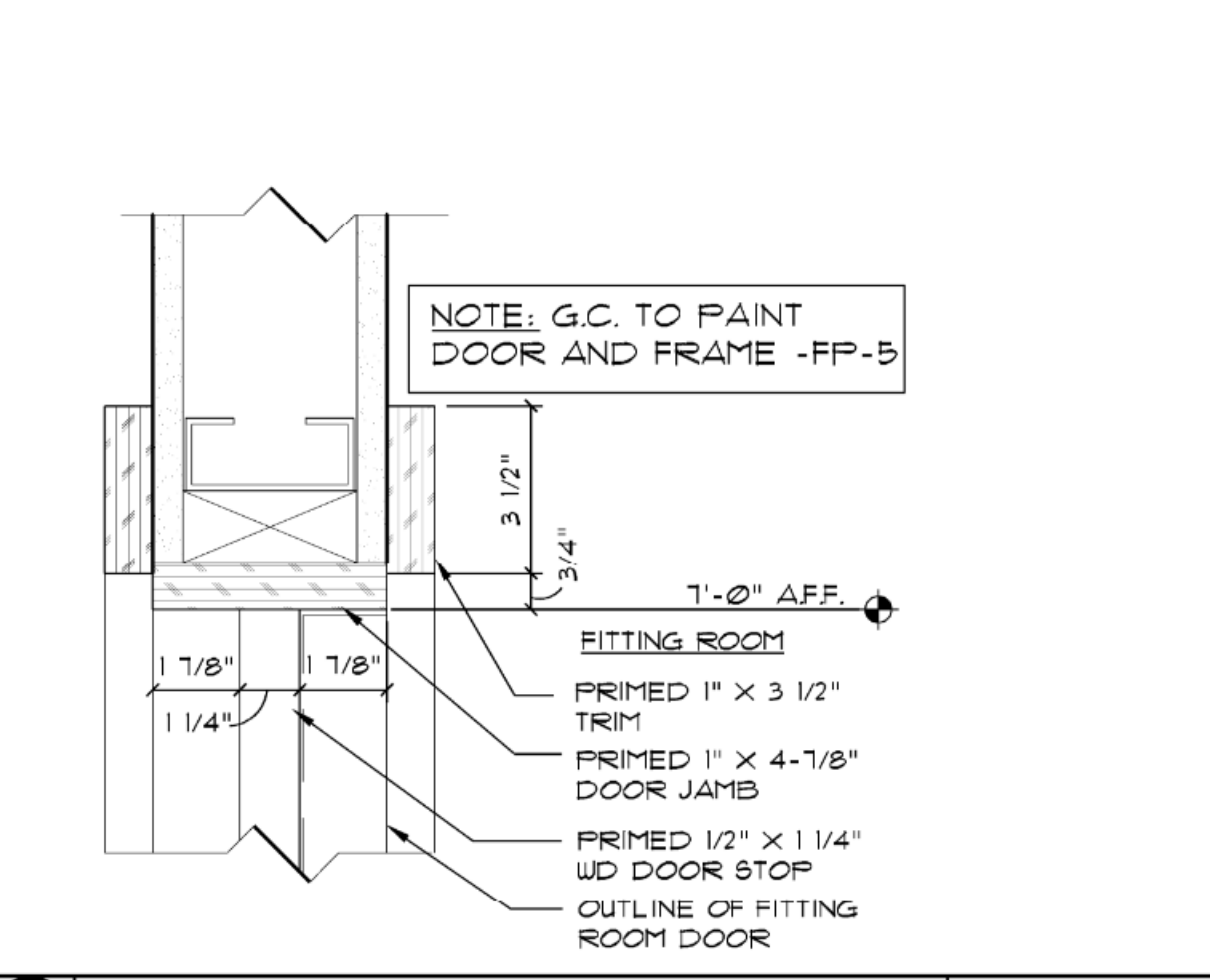
6 CORNER GUARD - SALES AREA SCALE: 3" = 1'-0"



9 P-1 WALL PANEL (SOLID METAL) SCALE: 3/4" = 1'-0"



3 HEAD DETAIL - FITTING RM SCALE: 3" = 1'-0"



2 JAMB DETAIL - FITTING ROOM SCALE: 3" = 1'-0"



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

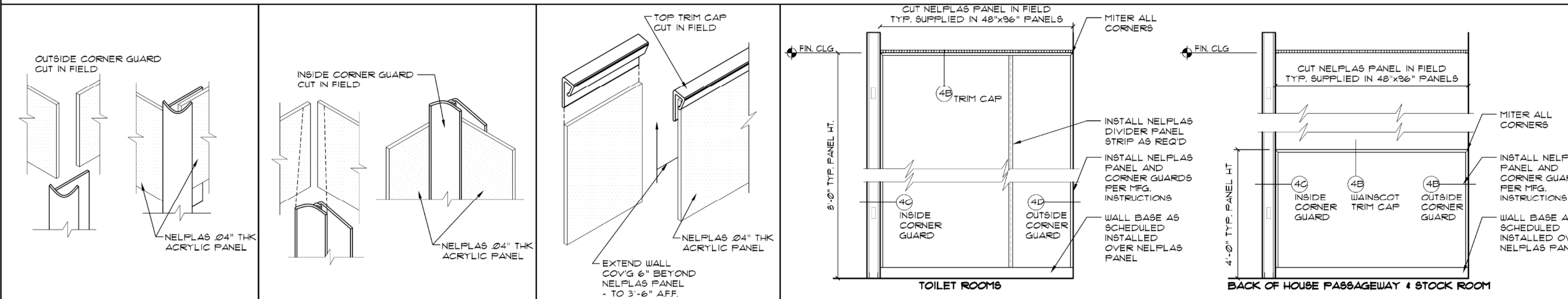


SHEET TITLE
CONSTRUCTION DETAILS
SHEET NO. **A1.2**
11 of 33

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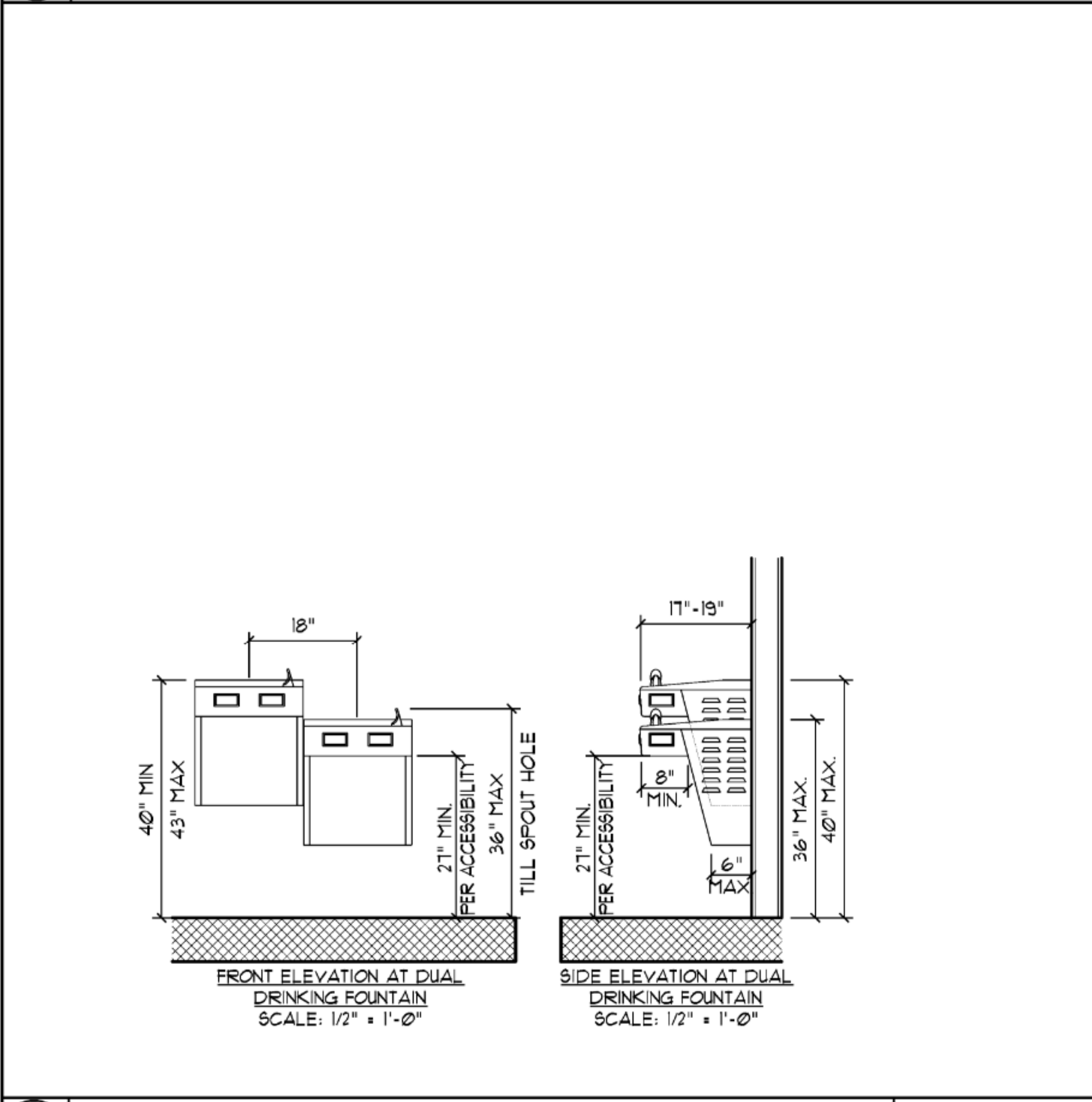


60 CORNER GUARD **6C CORNER GUARD** **6B TRIM CAP** **6A ELEVATION**
6 NELPLAS/KYDEX PANEL DETAILS
SCALE: 1/2"=1'-0"
NOT TO SCALE

1.	GRAB BARS BOBRICK B-6806 SATIN FINISH WITH CONCEALED MOUNTINGS 1 1/2" DIAMETER (TEL: 818-982-9600)
2.	TOILET TISSUE DISPENSER BOBRICK B1686 SURFACE MOUNT (TEL: 818-982-9600)
3.	MIRROR BOBRICK B-793-8330 STAINLESS STEEL TILT MIRROR 18" X 36" (TEL: 818-982-9600)
4.	SOAP DISPENSER TO BE PROVIDED BY STORE OPERATIONS AT THE TIME OF STORE OPENING.
5.	SHELVES AND STANDARDS (2) 12" DEEP 4'-0" WIDE 1 1/2" SHELF - PLASTIC LAMINATE (6) SIDES ON M.D.F. @ 6'-0" AFF. ON (2) GARCY 604 STANDARDS WITH (4) GARCY 12" 686 BRACKETS
6.	FAUCET AMERICAN STANDARD MODEL *4175590 CENTERSET COLONY SOFT TWO HANDLE LAUNDRY SINK FAUCET WITH THREADED SPOUT. ADA COMPLIANT. 4" CENTERS. GC IS ALSO TO PROVIDE 1/2" SIX-FOOT LAUNDRY HOSE PROVIDED ONLY WHEN MOP SINK IS NOT REQUIRED
7.	PAPER TOWEL HOLDER BOBRICK MODEL *B-753
8.	ADA BRAILLE SIGNAGE
9.	CHANGING TABLE MFG/KOALA CORPORATION VERTICAL BABY CHANGING STATION *KB301-05 VERTICAL WALL MTD WHITE GRANITE

NOTES:
ALL TOILET ROOM ACCESSORIES FINISHES TO BE #4 STAINLESS UNLESS OTHERWISE IDENTIFIED. ALL ACCESSIBLE TOILET ROOM ACCESSORIES MUST BE INSTALLED IN COMPLIANCE WITH ADA AND LOCAL CODES FOR MOUNTING HEIGHTS AND LOCATIONS. SEE NOTES THIS SHEET. INSTALL NON-COMBUSTIBLE BLOCKING AS REQUIRED FOR ALL ACCESSORIES.

TOILET ROOM ACCESSORIES SCHEDULE



5 DRINKING FOUNTAIN
SCALE: 1/2"=1'-0"

TOILET ROOM GENERAL NOTES

- PROVIDE FULLY CODE COMPLIANT TOILET ROOM(S)
- TOILET ROOM TO BE LOCATED IN LOGICAL LOCATION TO INCORPORATING WATER AND SEWER LINES. G.O. TO FIELD VERIFY EXISTING CONDITIONS AND NOTIFY THE STORE PLANNER AND PROJECT CONSTRUCTION MANAGER IF CHANGES ARE NECESSARY.
- PROVIDE AND INSTALL A (1) 30 MIL. (MIN) WATERPROOF MEMBRANE EXTENDED A MINIMUM OF 4" UP VERTICAL SURFACES IN TOILET ROOMS OR AS REQUIRED.
- PROVIDE AND INSTALL A FLOOR DRAIN, IF NOT EXISTING.
- REFER TO FINISH SCHEDULE ON DRAWING A3.0 FOR FINISHES.
- SEAL JUNT AROUND ALL EDGES # ADJOINING MATERIALS WITH CLEAR SILICONE (WOOD BASE TO WALLS, MIRROR TO WALLS, BENCH TO WALLS, ETC.)
- REFER TO MECHANICAL DRAWINGS FOR EXTENT OF PLUMBING WORK. PROVIDE ALL NEW PLUMBING FIXTURES UNLESS OTHERWISE NOTED.

ADA STANDARDS FOR TOILET ROOMS

2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

604 WATER CLOSET AND TOILET COMPARTMENTS
6042 LOCATION - THE WATER CLOSET SHALL BE POSITIONED WITH A WALL OR PARTITION TO THE REAR AND TO ONE SIDE. THE CENTERLINE OF THE WATER CLOSET SHALL BE 16 INCHES MIN. TO 18 INCHES MAX. FROM THE SIDE WALL OR PARTITION. WATER CLOSETS SHALL BE ARRANGED FOR A LEFT-HAND OR RIGHT-HAND APPROACH.

60431 SIZE - CLEARANCE AROUND A WATER CLOSET SHALL BE 60 INCHES MIN. MEASURED PERPENDICULAR FROM THE SIDE WALL AND 56 INCHES MIN. MEASURED PERPENDICULAR FROM THE REAR WALL.

6044 SEATS - THE SEAT HEIGHT OF A WATER CLOSET ABOVE THE FINISH FLOOR SHALL BE 17 INCHES MIN. AND 19 INCHES MAX. MEASURED TO THE TOP OF THE SEAT. SEATS SHALL NOT BE SPRUNG TO A LIFTED POSITION.

6045 GRAB BARS - GRAB BARS FOR WATER CLOSETS SHALL COMPLY WITH 609. GRAB BARS SHALL BE PROVIDED ON THE SIDE WALL CLOSEST TO THE WATER CLOSET AND ON THE REAR WALL. 6092) CIRCULAR CROSS SECTION GRAB BARS SHALL HAVE AN OUTSIDE DIAMETER OF 1 1/4 INCHES MIN. AND 2 INCHES MAX. 6093 SPACING, THE SPACING BETWEEN THE WALL AND THE GRAB BAR SHALL BE 1 1/2 INCHES. THE SPACE BETWEEN THE GRAB BARS AND PROJECTING OBJECTS BELOW AND AT THE ENDS SHALL BE 1 1/2 INCHES MIN. THE SPACE BETWEEN THE GRAB BAR AND THE PROJECTING OBJECTS ABOVE SHALL BE 12 INCHES MIN.

60451 SIDE WALL - THE SIDE WALL GRAB BAR SHALL BE 42 INCHES LONG MIN. FROM THE REAR WALL AND EXTENDING 54 INCHES MIN. FROM THE REAR WALL.

60452 REAR WALL - THE REAR WALL GRAB BAR SHALL BE 36 INCHES LONG MIN. AND EXTEND THE CENTERLINE OF THE WATER CLOSET 18 INCHES MIN. ON ONE SIDE AND 24 INCHES MIN. ON THE OTHER SIDE.

6094 POSITION GRAB BARS SHALL BE INSTALLED IN A HORIZONTAL POSITION, 33 INCHES MIN. AND 36 INCHES MAX. ABOVE THE FINISHED FLOOR.

6096 FITTINGS - GRAB BARS SHALL NOT ROTATE WITH THEIR FITTINGS.

6046 FLUSH CONTROLS - FLUSH CONTROLS SHALL BE HAND OPERATED OR AUTOMATIC. HAND OPERATED FLUSH CONTROLS SHALL COMPLY WITH 309. FLUSH CONTROLS SHALL BE LOCATED ON THE OPEN SIDE OF THE WATER CLOSET.

6041 DISPENSERS - TOILET PAPER DISPENSERS SHALL COMPLY WITH 3094 AND SHALL BE 7 INCHES MIN. AND 9 INCHES MAX. IN FRONT OF THE WATER CLOSET MEASURED TO THE CENTERLINE OF THE DISPENSER. THE OUTLET OF THE DISPENSER SHALL BE 19 INCHES MIN. AND 48 INCHES MAX. ABOVE THE FINISH FLOOR AND SHALL NOT BE LOCATED BEHIND THE GRAB BARS. DISPENSERS SHALL NOT BE OF A TYPE THAT CONTROLS DELIVERY OR THAT DOES NOT ALLOW CONTINUOUS PAPER FLOW.

606 LAVATORIES AND SINKS
6062 CLEAR FLOOR SPACE - A CLEAR FLOOR SPACE OF 30 INCHES BY 48 INCHES COMPLYING WITH 309.15 IS REQUIRED, POSITIONED FOR A FORWARD APPROACH, AND KNEE OF 27 INCHES IN HEIGHT TO THE UNDERSIDE FOR AT LEAST 8 INCHES, AND TOE CLEARANCE COMPLYING WITH 306 SHALL BE PROVIDED.

6063 HEIGHT - LAVATORIES AND SINKS SHALL BE INSTALLED WITH THE FRONT OF THE HIGHER OF THE RIT OR COUNTER SURFACE 34 INCHES MAX. ABOVE THE FINISHED FLOOR OR GROUND.

6064 FAUCETS - CONTROLS FOR FAUCETS SHALL COMPLY WITH 309. HAND-OPERATED METERING FAUCETS SHALL REMAIN OPEN FOR 10 SECONDS.

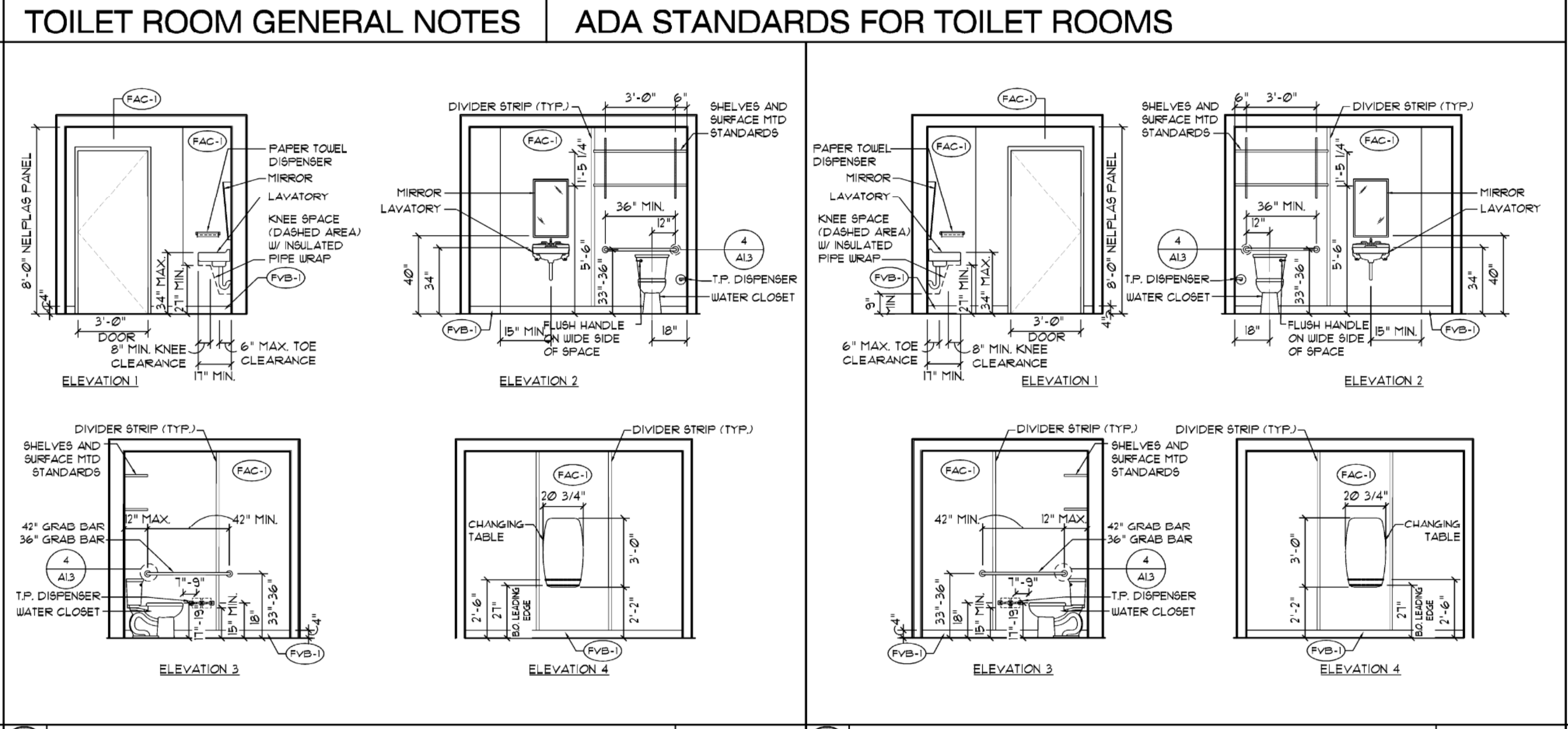
6065 EXPOSED PIPES AND SURFACES - WATER SUPPLY AND DRAIN PIPES UNDER THE LAVATORIES AND SINKS SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER THE LAVATORIES AND SINKS.

309 OPERABLE PARTS
3091 CLEAR FLOOR SPACE - A CLEAR FLOOR SPACE OR GROUND SPACE OF 30 INCHES BY 48 INCHES SHALL BE PROVIDED.

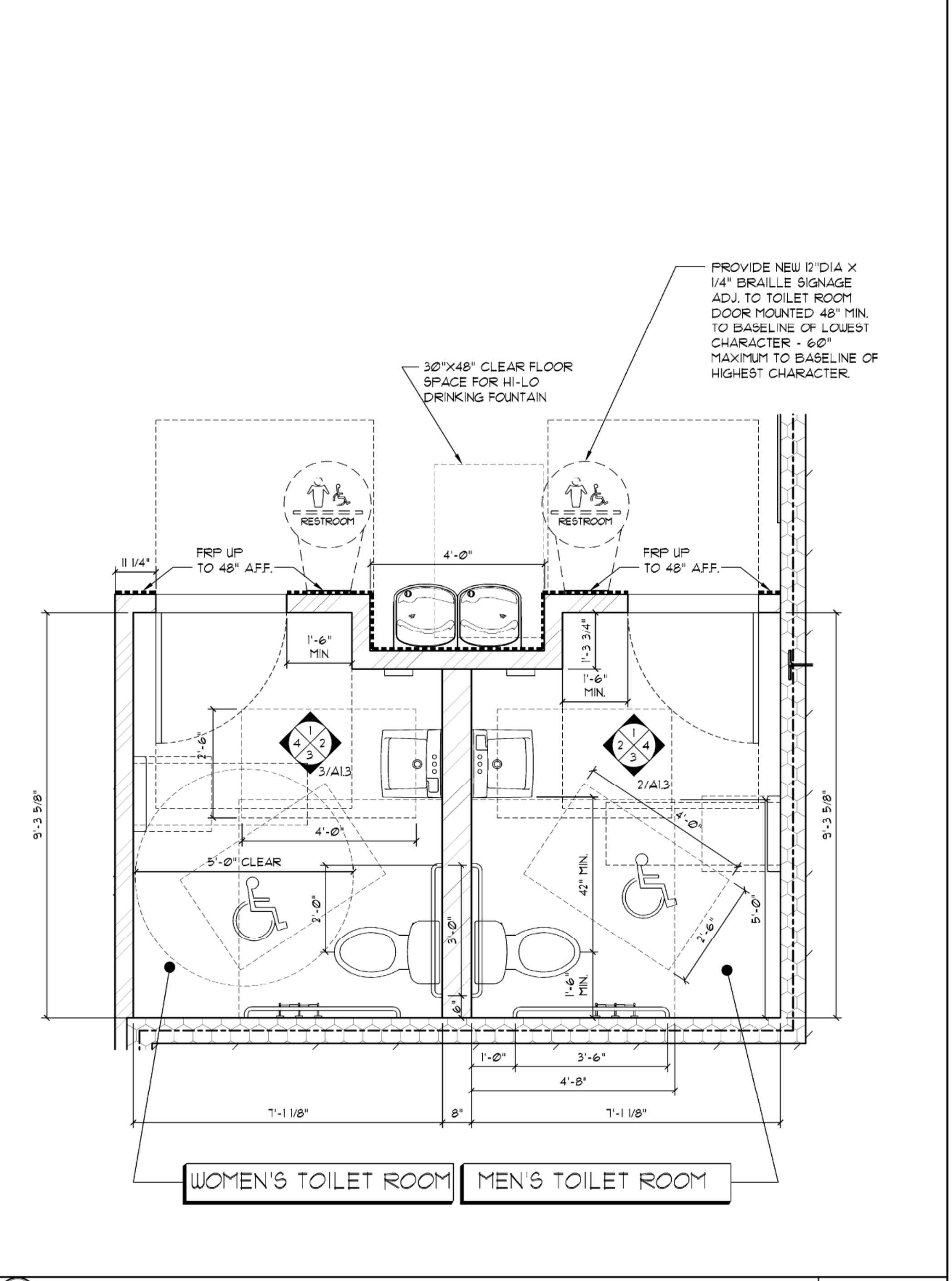
3092 HEIGHT - OPERABLE PARTS SHALL BE PLACED WITHIN ONE OR MORE REACH RANGE SPECIFIED IN 308.

3094 OPERATION - OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS MAX.

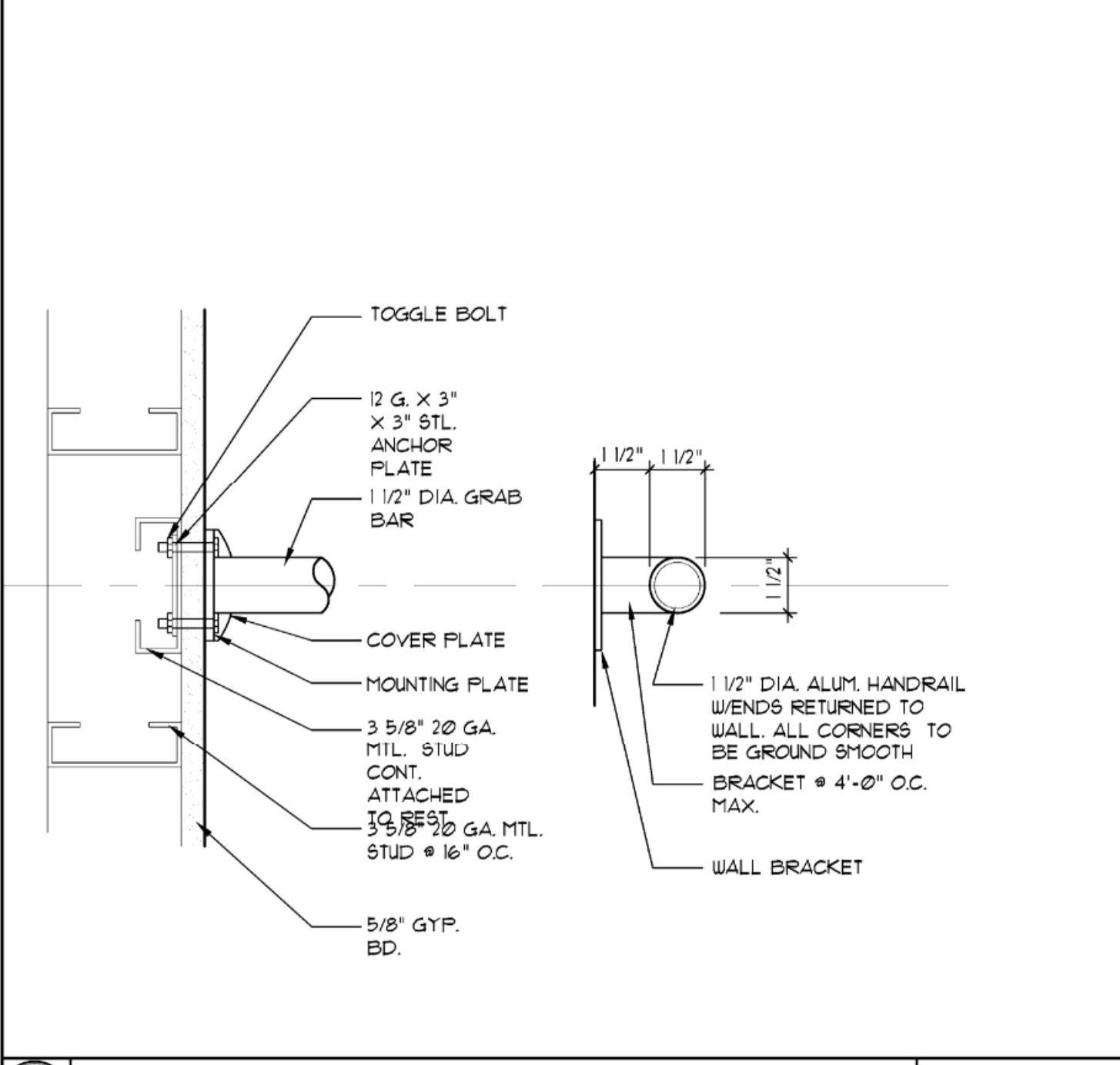
309 SIGNS
ACCESSIBLE TOILET ROOMS SHALL BE IDENTIFIED BY SIGNS CONTAINING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY COMPLYING WITH 103.121. THE STANDARDS REQUIRE SUCH SIGNS TO BE MOUNTED ON THE OUTSIDE OF THE DOORS LATCH SIDE PER 103.42 AND 48 INCHES ABOVE THE FINISHED FLOOR OR GROUND SURFACE. MEASURED FROM THE BASELINE OF THE LOWEST TACTILE CHARACTER AND 60 INCHES FROM THE BASELINE OF THE HIGHEST TACTILE CHARACTER PER 103.41. SIGN MUST CONTAIN VISUAL AND TACTILE CHARACTERS.



3 WOMEN'S TOILET ROOM ELEVATION **2 MEN'S TOILET ROOM ELEVATION**
SCALE: 1/4"=1'-0"



1 TOILET ROOM PLAN
SCALE: 1/2"=1'-0"



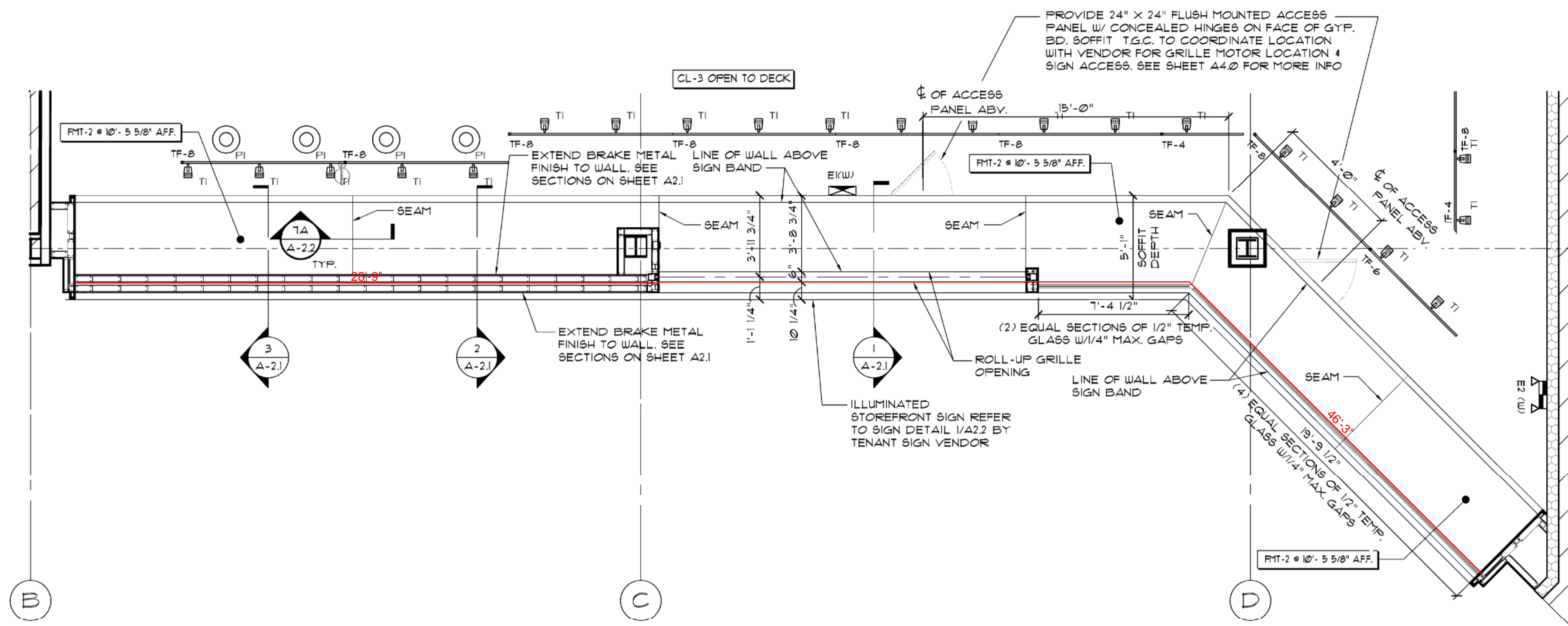
4 TOILET ROOM GRAB BAR
SCALE: 3"=1'-0"

SHEET TITLE
ENLARGED PLANS, ELEVATIONS & DETAILS
SHEET NO. **A1.3**
12 of 33

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FL WB 2.0 PROTOTYPE - REV 1 08/27/21

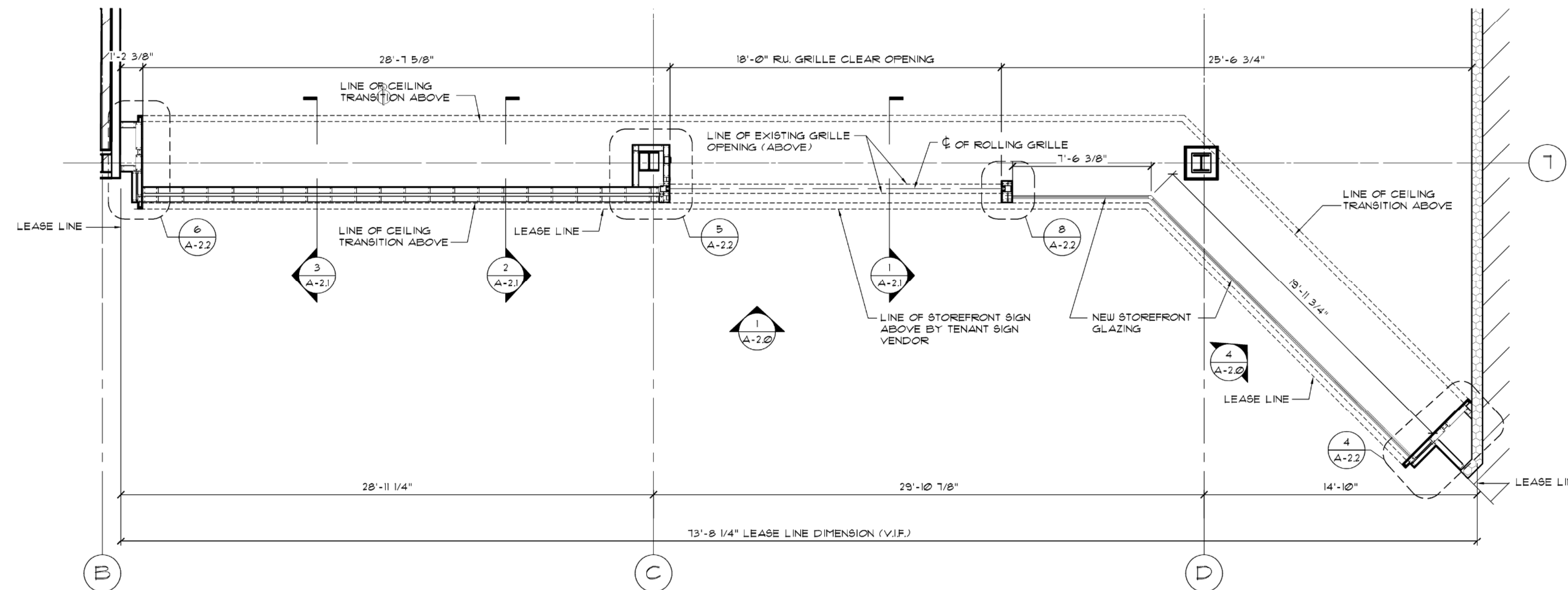
STOREFRONT / SIGNAGE NOTES:

- STOREFRONT TO BE APPROVED BY TENANT AND LANDLORD PRIOR TO CONSTRUCTION.
- SIGNAGE MANUFACTURER TO SUPPLY AND INSTALL ILLUMINATED STOREFRONT SIGN. REFER TO SIGN MFG DRAWINGS FOR COORDINATION.
- SIGNAGE MANUFACTURER TO SUPPLY REVERSE IMAGE DUSTED CRYSTAL VINYL GRAPHIC TO INSIDE OF STOREFRONT GLAZING. - INSTALL WHERE INDICATED ON PLANS - SEE SIGN MFG DRAWINGS FOR DETAILS.
- SUPPLY AND INSTALL BRAKE METAL WHERE INDICATED ON PLANS. ALL BRAKE METAL TO BE 16 GA. MIN. SEE ASS. FOR FINISH. NO EXPOSED FASTENERS ARE ALLOWED. SEAL BOTTOM EDGES W/ GREY SILICONE. TOP EDGES TO BE INSTALLED W/TIGHT EDGE TO CEILING. NO CUT EDGES.
G.C. TO COLOR MATCH GREY SILICONE TO MATCH FOOT LOCKER BRAKE METAL COLORING.
SUBMIT SHOP DRAWINGS AND METAL SAMPLES TO TENANT PROJECT CONSTRUCTION MANAGER FOR APPROVAL PRIOR TO FABRICATION.
ALL BRAKE METAL HORIZONTALS AND VERTICALS ARE TO BE SEAMLESS TO 1/2" IF 1/2" GOODS ARE NOT AVAILABLE. ALL METAL GRAIN MUST RUN IN THE LONG DIRECTION. GC IS TO CONTACT FOOT LOCKER PROJECT CONSTRUCTION MANAGER PRIOR TO PROJECT START.
CLEANING: BRAKE METAL BEHIND STOREFRONT SIGN MUST BE CLEANED PRIOR TO AND AFTER THE INSTALLATION OF THE SIGN.
THE POLISHING MOTION MUST BE DONE IN THE DIRECTION OF THE GRAIN. DO NOT USE A CIRCULAR MOTION TO CLEAN AND POLISH THE METAL.
- SUPPLY AND INSTALL 3/4" DEEP BLACK REVEAL. SEE STOREFRONT ELEVATION FOR WIDTH (PER LANDLORDS CRITERIA).
- SUPPLY AND INSTALL GLAZING CLIPS #10572 BY STYLHARK INC. BRUSHED ALUMINUM FINISH. FOR USE WITH GLAZING 1/2" OR HIGHER OR AS REQUIRED PER LOCAL CODES.
- SUPPLY AND INSTALL GLAZING FRAMING SYSTEM INCLUDING BASE AND HEADER. INSTALL PER MFG. INSTRUCTIONS. - FINISH TO MATCH (RMT-1)



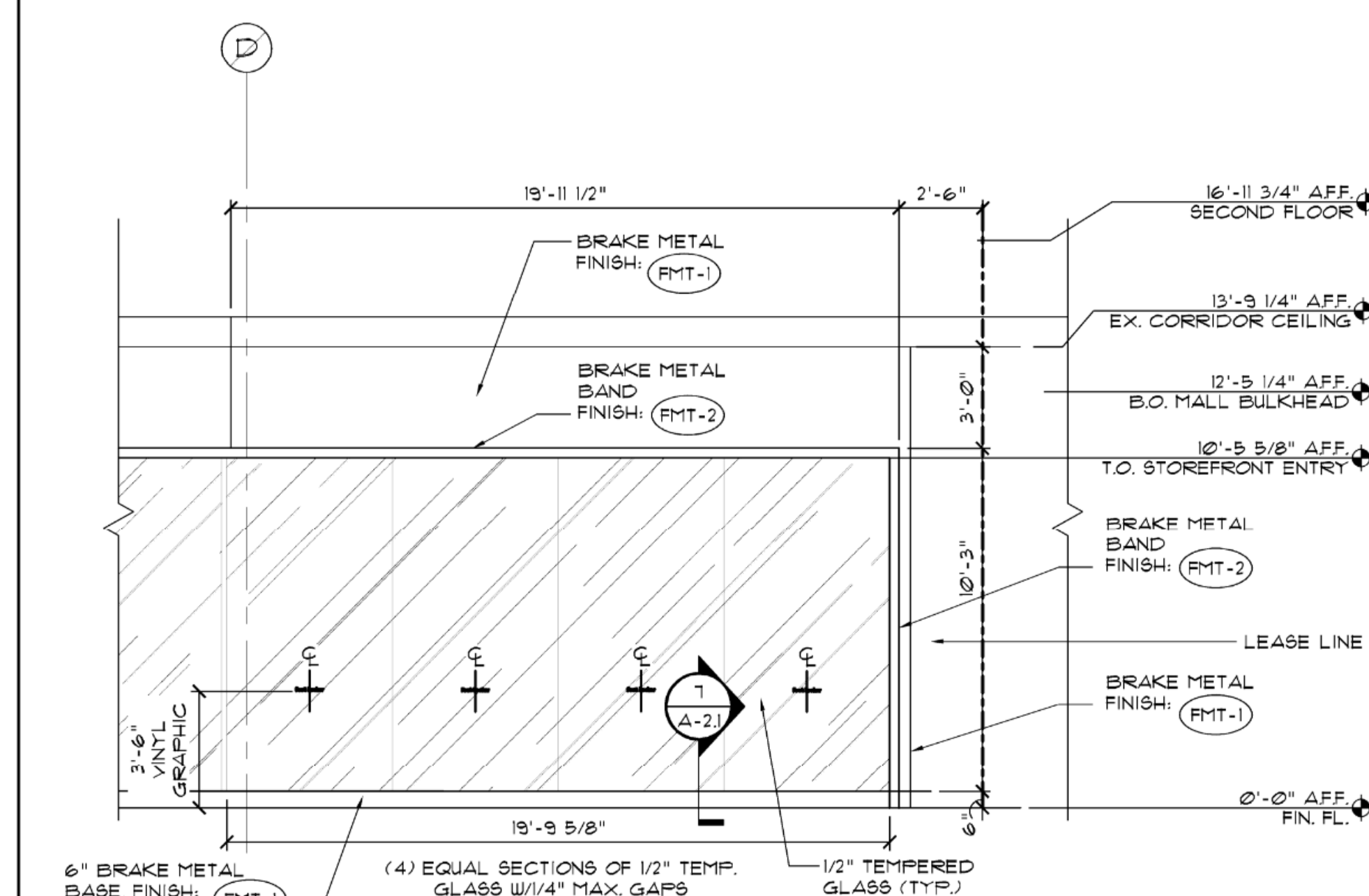
3 STOREFRONT REFLECTED CEILING PLAN

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



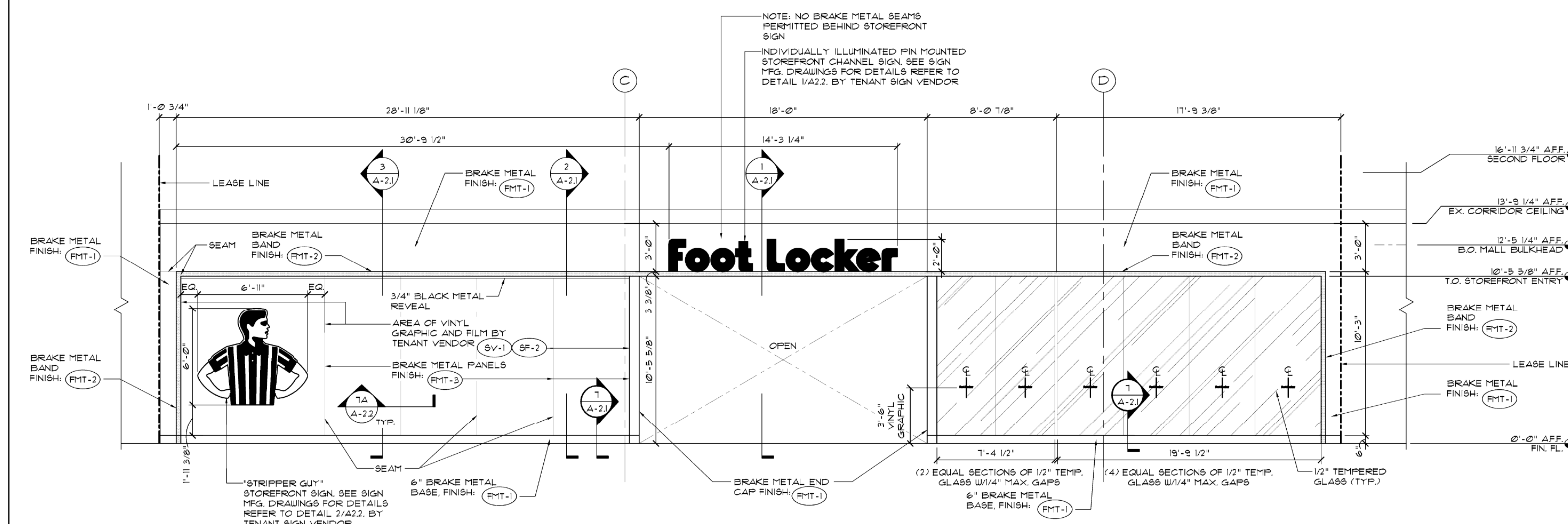
2 STOREFRONT PLAN

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



4 STOREFRONT ELEVATION

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



1 STOREFRONT ELEVATION

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

Foot Locker, Inc.

GLOBAL STORE DEVELOPMENT
330 WEST 34TH STREET
NEW YORK, NY 10001



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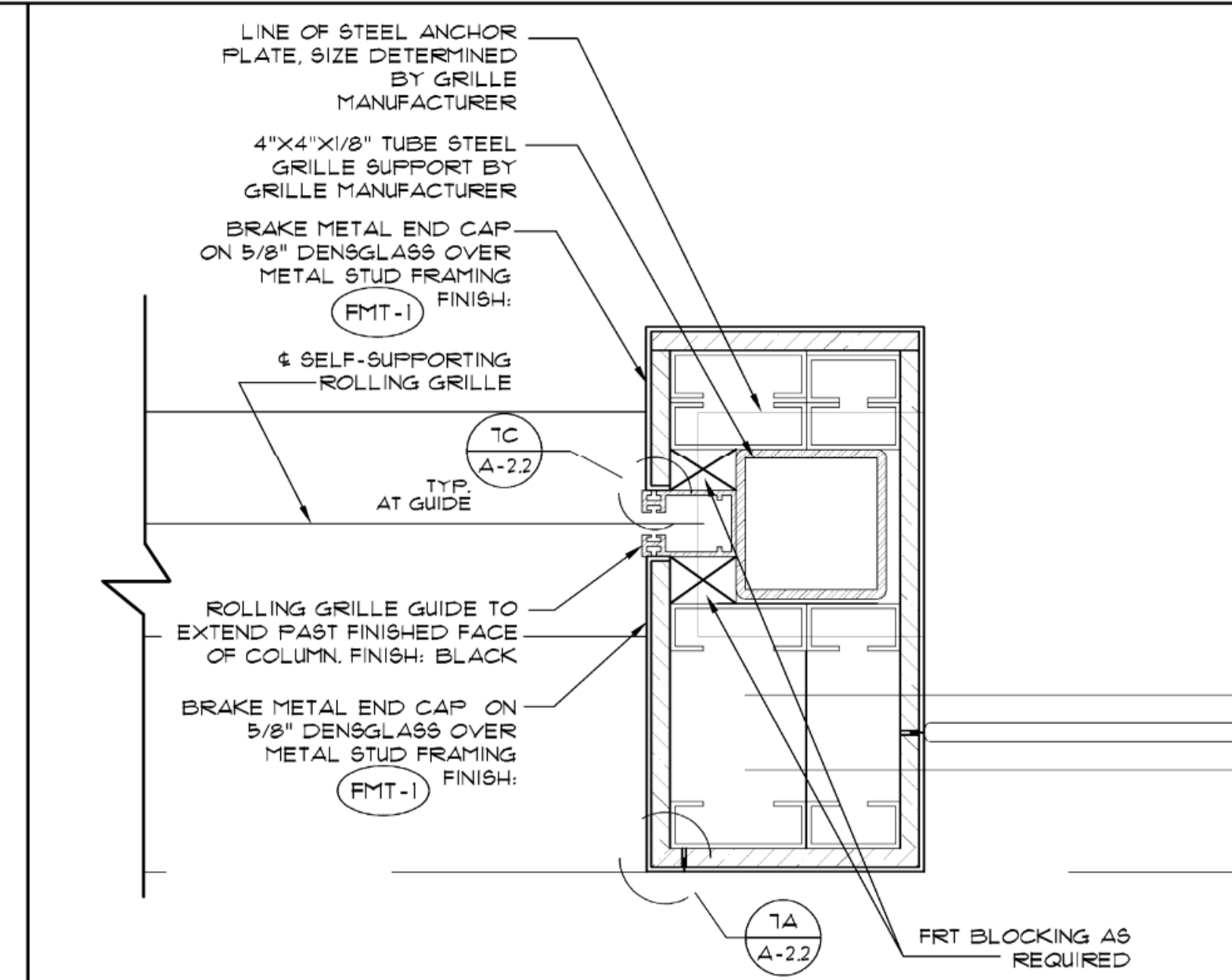
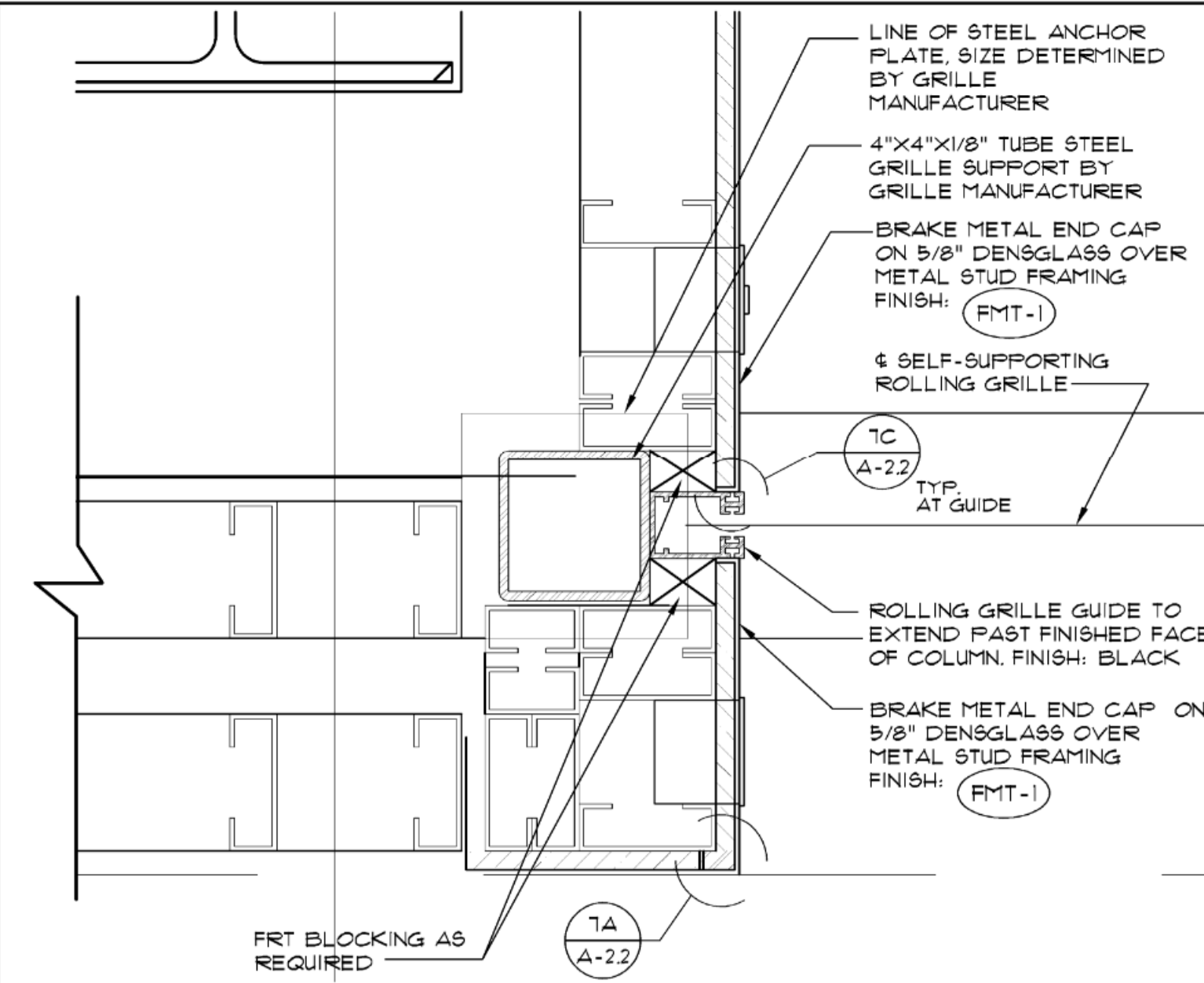
SHEET TITLE
STOREFRONT PLANS & ELEVATION
SHEET NO. **A2.0**
14 of 33

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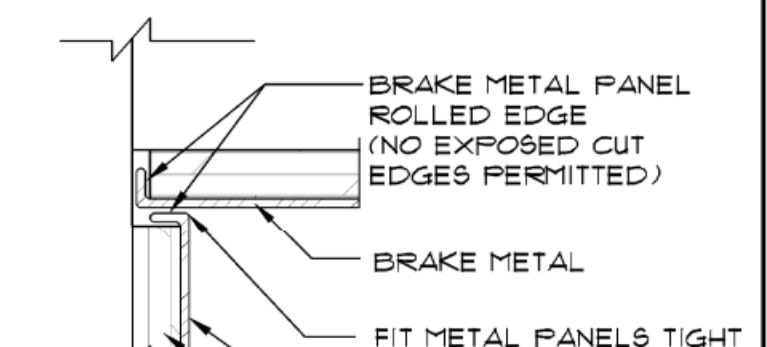
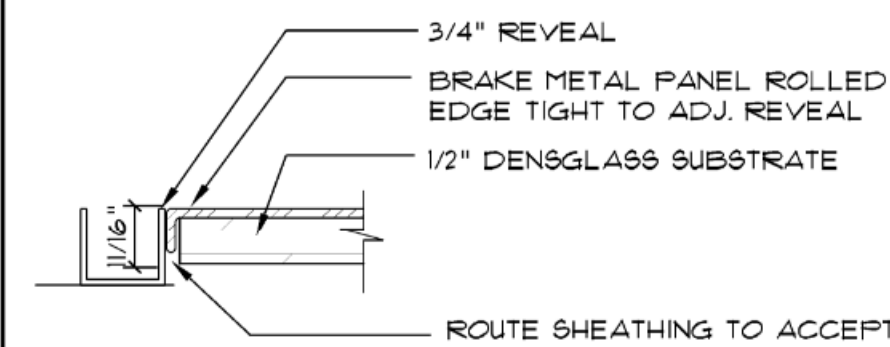
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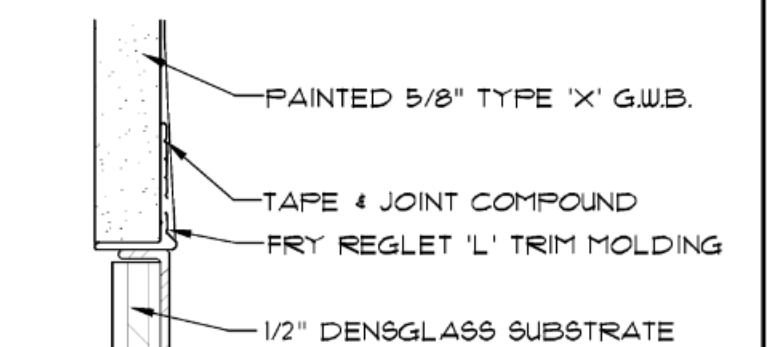
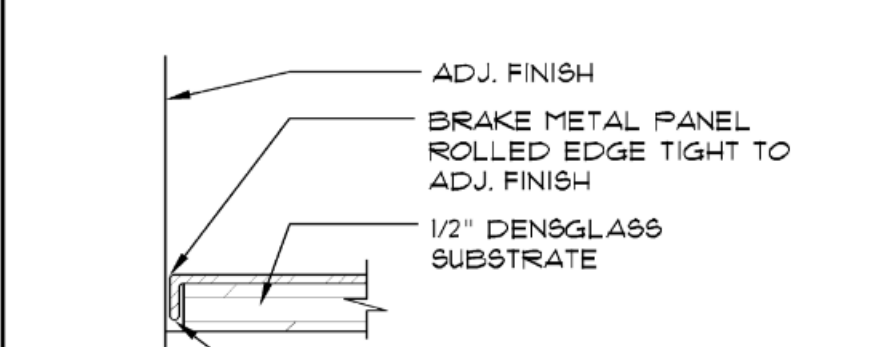
8 ENLARGED DETAIL - END CAP SCALE: 3"=1'-0"

8 ENLARGED DETAIL - END CAP SCALE: 3"=1'-0"



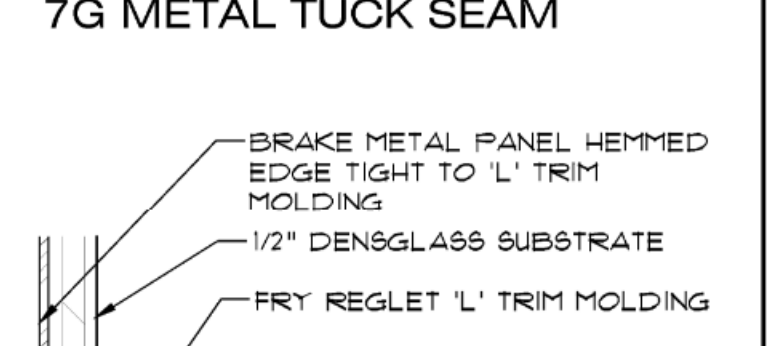
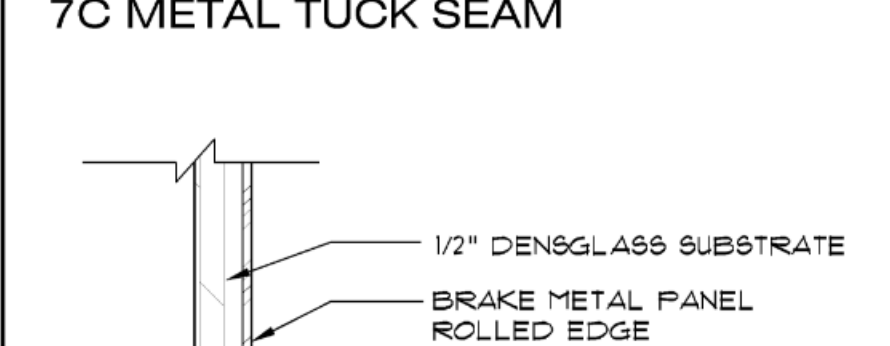
7D METAL TUCK SEAM @ REVEAL

7H METAL TUCK SEAM



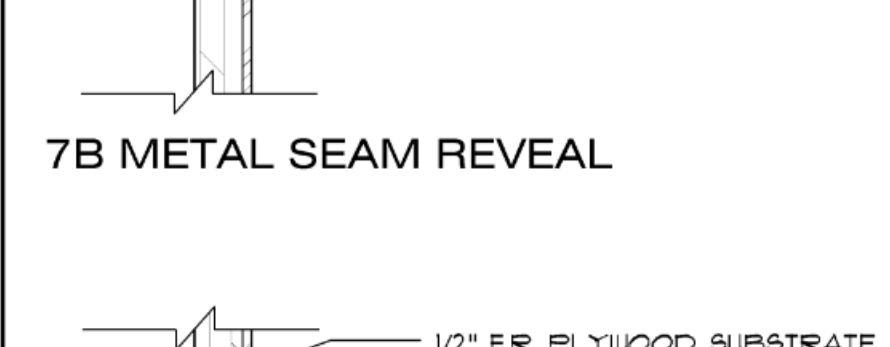
7C METAL TUCK SEAM

7G METAL TUCK SEAM



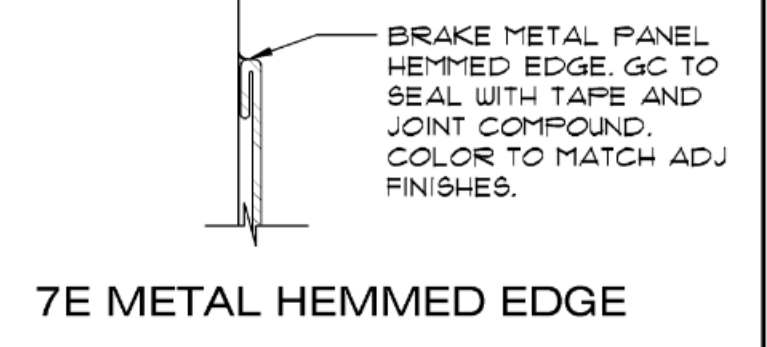
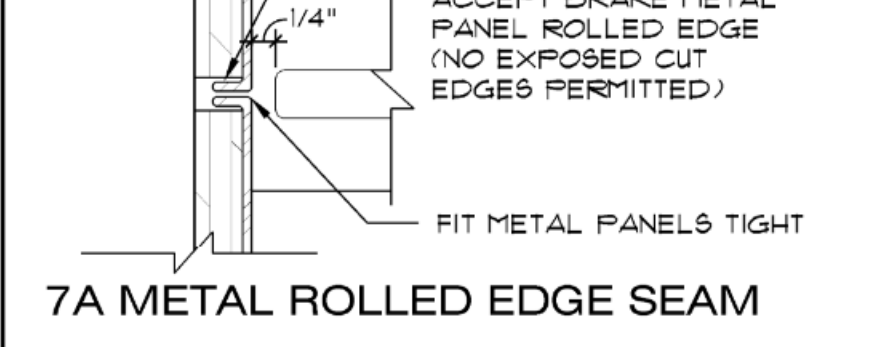
7B METAL SEAM REVEAL

7F METAL HEMMED EDGE



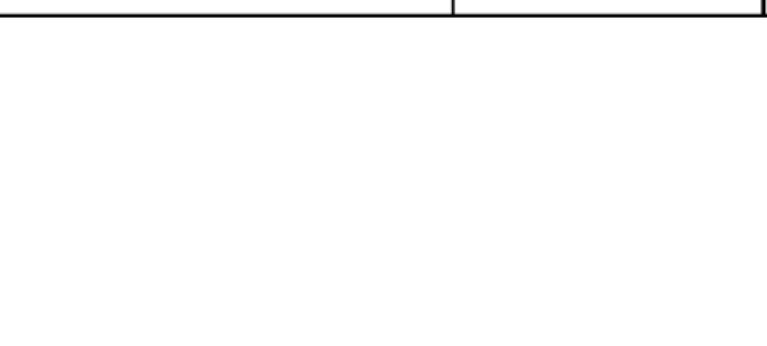
7A METAL ROLLED EDGE SEAM

7E METAL HEMMED EDGE



7D METAL TUCK SEAM @ REVEAL

7H METAL TUCK SEAM



7C METAL TUCK SEAM

7G METAL TUCK SEAM



7B METAL SEAM REVEAL

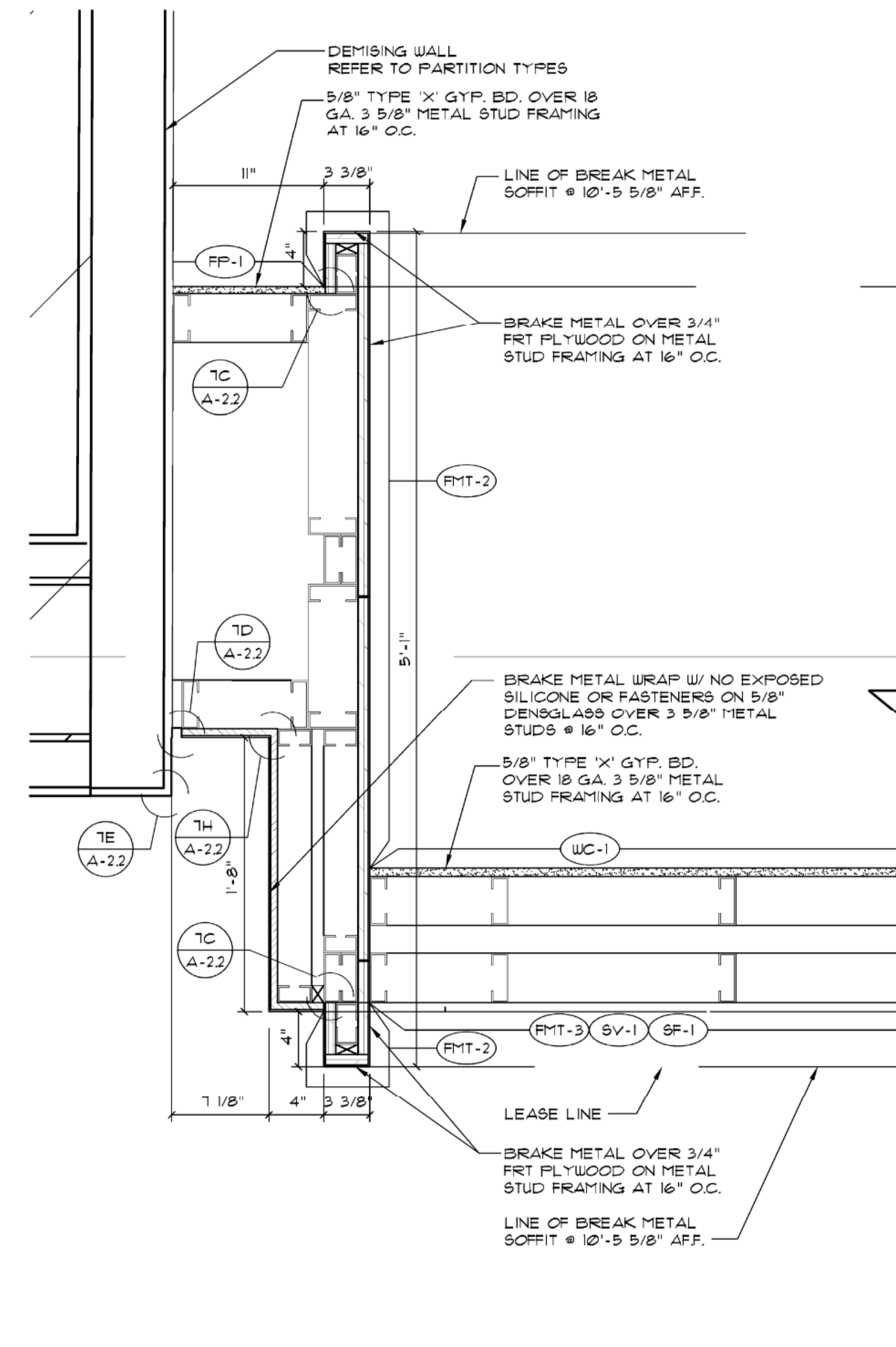
7F METAL HEMMED EDGE



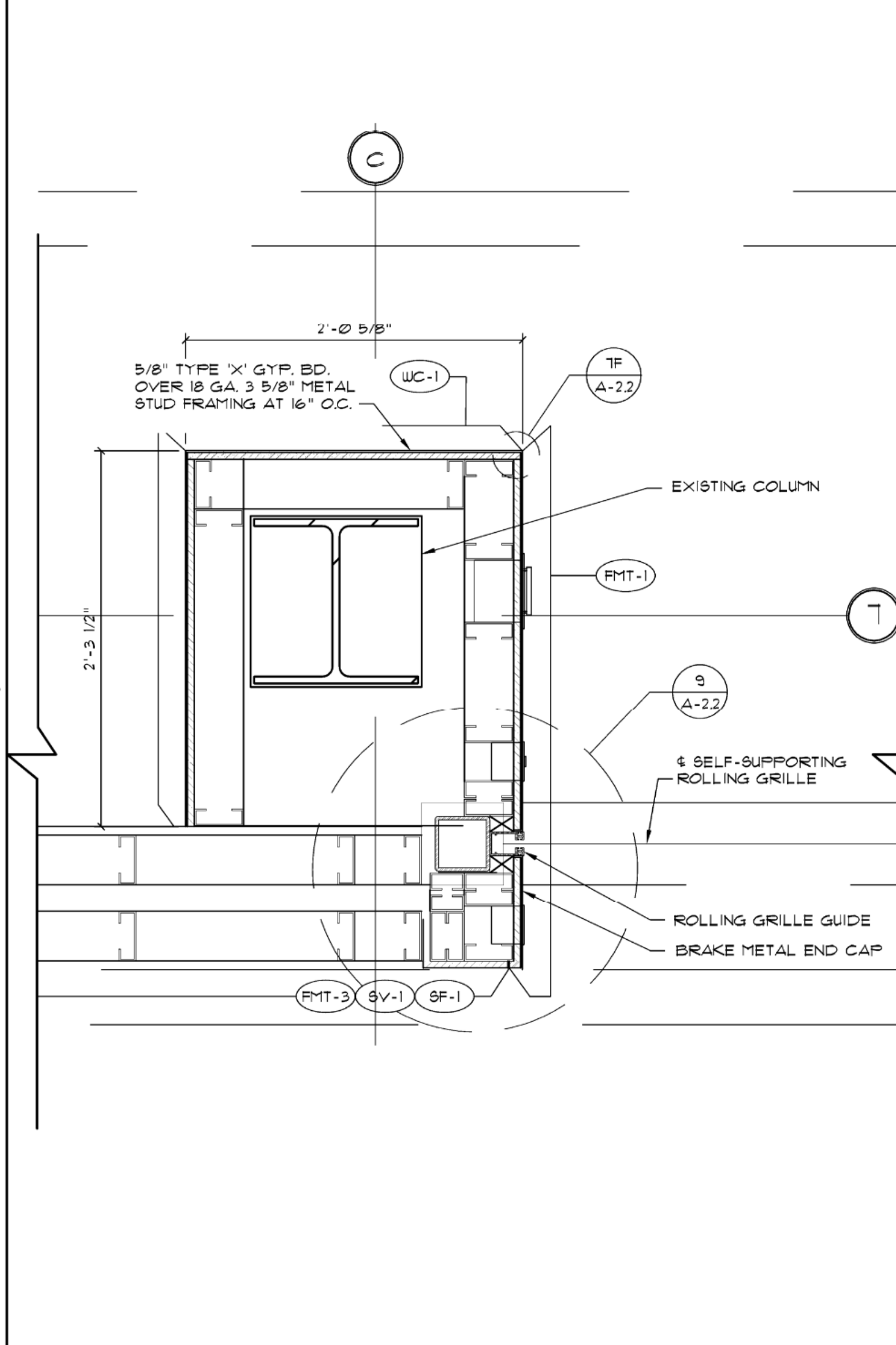
7A METAL ROLLED EDGE SEAM

7E METAL HEMMED EDGE

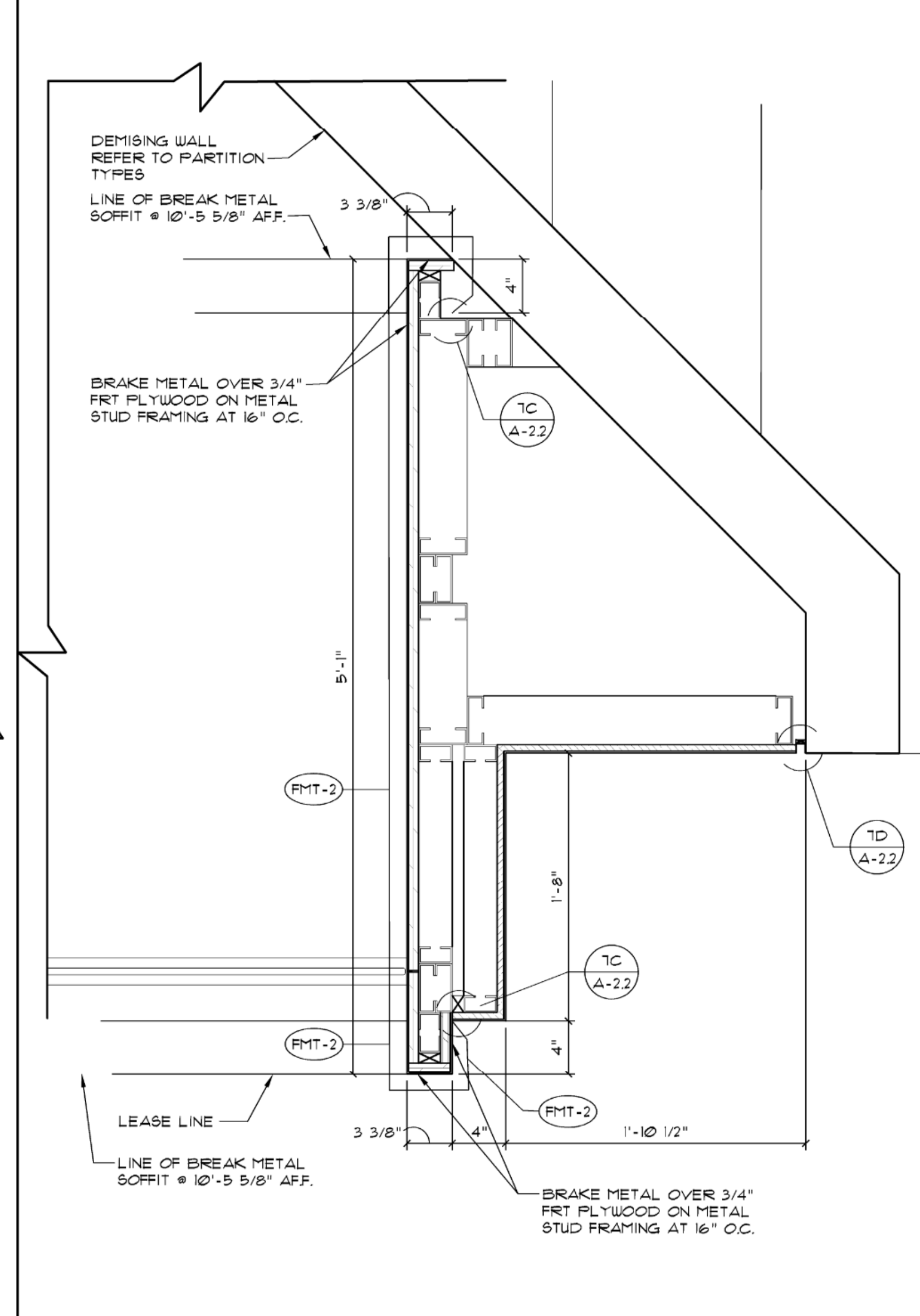
7 BRAKE METAL SEAM DETAILS SCALE: 6"=1'-0"



6 DETAIL AT NEUTRAL PIER SCALE: 1 1/2"=1'-0"



5 DETAIL AT ENTRY & GRILLE OPENING SCALE: 1 1/2"=1'-0"



4 DETAIL AT NEUTRAL PIER SCALE: 1 1/2"=1'-0"

NOT USED

STOREFRONT SIGN NOTES

SIGN CONTRACTOR TO SUPPLY AND INSTALL ILLUMINATED STOREFRONT SIGN

SIGN CONTRACTOR TO CHECK ELECTRICAL CIRCUIT PROVIDED FOR EACH TENANT SIGN.

SIGN CONTRACTOR TO SUBMIT (2) SETS OF SIGN DESIGN AND SHOP DRAWINGS FOR APPROVAL BY TENANT.

SIGN CONTRACTOR TO SUBMIT (4) SETS OF SIGN SHOP DRAWINGS TO LANDLORD, BUT ONLY AFTER APPROVAL BY TENANT.

SIGN CONTRACTOR SHALL OBTAIN A SIGN PERMIT FROM THE LOCAL GOVERNING AUTHORITY PRIOR TO INSTALLATION. SIGN CONTRACTOR MUST HAVE INSURANCE ON FILE WITH LANDLORD TENANT COORDINATOR AT TIME OF CHECK-IN.

6'-11"

6'-0"

2 "STRIPER GUY" SIGN INSTALLATION NOTES NOT TO SCALE

STOREFRONT SIGN NOTES

SIGN CONTRACTOR TO SUPPLY AND INSTALL ILLUMINATED STOREFRONT SIGN

SIGN CONTRACTOR TO CHECK ELECTRICAL CIRCUIT PROVIDED FOR EACH TENANT SIGN.

SIGN CONTRACTOR TO SUBMIT (2) SETS OF SIGN DESIGN AND SHOP DRAWINGS FOR APPROVAL BY TENANT.

SIGN CONTRACTOR TO SUBMIT (4) SETS OF SIGN SHOP DRAWINGS TO LANDLORD, BUT ONLY AFTER APPROVAL BY TENANT.

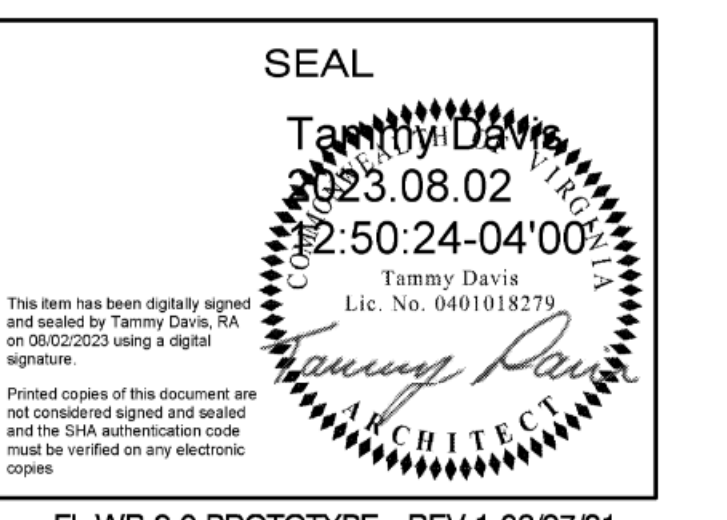
SIGN CONTRACTOR SHALL OBTAIN A SIGN PERMIT FROM THE LOCAL GOVERNING AUTHORITY PRIOR TO INSTALLATION. SIGN CONTRACTOR MUST HAVE INSURANCE ON FILE WITH LANDLORD TENANT COORDINATOR AT TIME OF CHECK-IN.

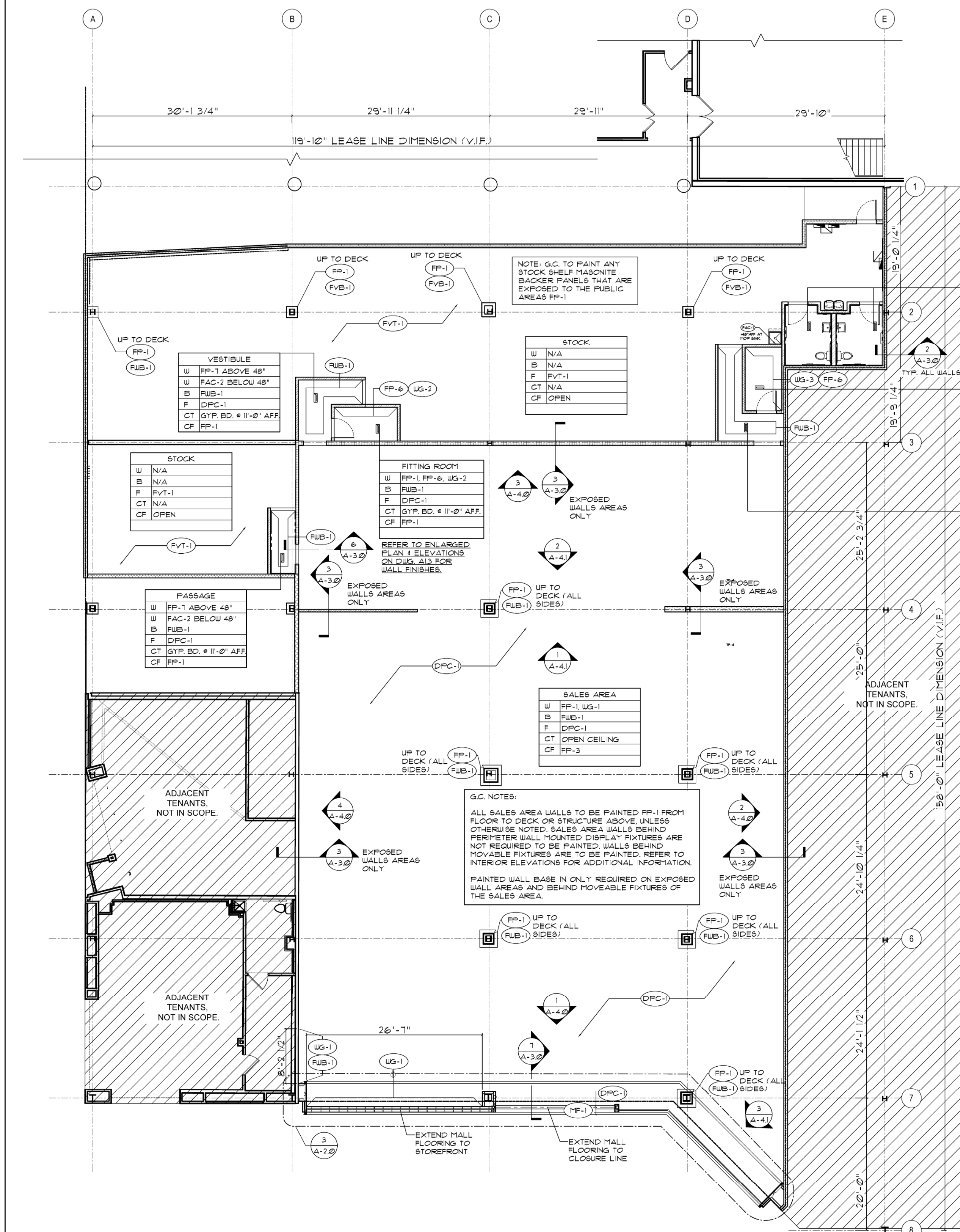
14'-3 1/4"

2'-0"

1 STOREFRONT SIGN INSTALLATION NOTES NOT TO SCALE

SHEET TITLE
STOREFRONT DETAILS
SHEET NO. **A2.2**
16 of 33





1 FINISH PLAN

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

2 BASE DETAIL

SCALE: 3" = 1'-0"

3 WOOD BASE DETAIL

SCALE: 3" = 1'-0"

4 GROUT DETAIL

SCALE: 1" = 1'-0"

6 VCT TO DPC

SCALE: 3" = 1'-0"

7 TILE TO DPC DETAIL

SCALE: 3" = 1'-0"

BENJAMIN MOORE SCUFF-X INSTRUCTIONS

- PREP:
 - MAKE SURE THE SUBSTRATE IS CLEAN, DRY AND DULL. REMOVE ALL LOOSE, CRACKING AND PEELING COATINGS. SAND GLOSSY SUBSTRATE FOR THE PRIMER AND TOPCOATS TO ADHERE PROPERLY. CLEAN SUBSTRATE OF ANY DUST OR DEBRIS.
- FINISH COATS:
 - PAINT - PP-1
 - 1ST COAT: FRESH START PRIMER
 - ALL PURPOSE PRIMER N046
 - 2ND COAT: SCUFF-X IN EGGSHELL FINISH, 485 TINTED TO CC-141 (E.G.)
 - 3RD COAT: SCUFF-X IN EGGSHELL FINISH, 485 TINTED TO CC-141 (E.G.)
 - PAINT - PP-2
 - 1ST COAT: FRESH START PRIMER
 - ALL PURPOSE PRIMER N046 TINTED TO TOP COAT COLOR
 - 2ND COAT: SCUFF-X IN EGGSHELL FINISH, 485 TINTED TO 218-10 (E.G.)
 - 3RD COAT: SCUFF-X IN EGGSHELL FINISH, 485 TINTED TO 218-10 (E.G.)
 - PAINT - PP-3
 - 1ST COAT: FRESH START PRIMER
 - ALL PURPOSE PRIMER N046
 - 2ND COAT: SCUFF-X IN EGGSHELL FINISH, 485 TINTED TO CC-141 (E.G.)
 - 3RD COAT: SCUFF-X IN EGGSHELL FINISH, 485 TINTED TO CC-141 (E.G.)

1. ALL PARTITIONS AND SURFACES TO BE PAINTED UNLESS OTHERWISE NOTED.

- ALL DOORS AND FRAMES SHALL BE PAINTED TO MATCH COLOR OF ADJACENT WALL UNLESS OTHERWISE NOTED. DOOR WITHIN SALES/ STOCK WALL SHALL BE PAINTED TO MATCH SALES AREA WALL FINISH.
- ALL FINISHES TO BE APPROVED BY OWNER PRIOR TO INSTALLATION.
- ALL TRANSITIONS BETWEEN DISSIMILAR FLOOR FINISHES SHALL BE SMOOTH AND FLUSH. PROVIDE ADA COMPLIANT TRANSITION STRIP AS REQ'D.
- PROVIDE A WATERPROOF MEMBRANE AT TOILET ROOM UNDER SPECIFIED TILE FLOORING. THE MEMBRANE SHOULD CONTINUE UP WALLS A MINIMUM OF 4" AND MUST BE ROLL-OUT TYPE (NOBLEGLASS OR EQUAL).
- PAINT CASING OPENINGS IN SALES AREA WALLS TO MATCH SALES AREA WALL COLOR.
- REAR SERVICE DOOR - FINISH PER LANDLORDS STANDARDS INCLUDING REQ'D SIGNAGE.
- DYED POLISH CONCRETE FLOORS ARE FURNISHED AND INSTALLED BY VENDOR AT G.C. EXPENSE. GENERAL CONTRACTOR SHALL SCHEDULE INSTALLATION.

ROOM NAME	W	B	F	CT	CF	MISC NOTES
TOILET ROOM	W FAC-1 @ 8'-0" AFF.	B FVB-1	F FVT-1	CT GYP. BD. @ 11'-0" AFF.	CF FP-1	
FITTING ROOM	W FP-1, FP-6, UG-3	B FVB-1	F DPC-1	CT GYP. BD. @ 11'-0" AFF.	CF FP-1	
VESTIBULE	W FP-1 ABOVE 48"	B FVB-1	F FVT-1	CT GYP. BD. @ 11'-0" AFF.	CF FP-1	
STOCK	W N/A	B N/A	F FVT-1	CT N/A	CF OPEN	
FITTING ROOM	W FP-1, FP-6, UG-2	B FVB-1	F DPC-1	CT GYP. BD. @ 11'-0" AFF.	CF FP-1	
SALES AREA	W FP-1, UG-1	B FVB-1	F DPC-1	CT OPEN CEILING	CF FP-3	

PAINT FINISH NOTES

FINISH NOTES

FINISH KEY

FOOTLOCKER FINISH SCHEDULE

CALLOUT	MANUFACTURER	DESCRIPTION	COMMENTS	FURNISHED BY	INSTALLED BY
PAINT					
	BENJAMIN MOORE	CONTACT: MICHAEL S. ECKE (701)783-1658			
(PP-1)	BENJAMIN MOORE	OC-148 DECORATORS WHITE - SCUFF X-GRADE	INTERIOR WALLS & FITTING ROOM CEILING	G.C.	G.C.
(PP-2)	BENJAMIN MOORE	218-10 UNIVERSAL BLACK - SCUFF X-GRADE	FITTING ROOM WALLS	G.C.	G.C.
(PP-3)	BENJAMIN MOORE	HC-110 STONINGTON GRAY - SCUFF X-GRADE	CEILINGS & SOFFIT	G.C.	G.C.
(PP-4)	BENJAMIN MOORE	HC-119 CHARCOAL SLATE	FITTING ROOM DOOR & FRAME	G.C.	G.C.
(PP-5)	ZINSSER	ZINSSER BULLSEYE 1-2-3 PRIMER OR ZINSSER GARDZ PRIMER	LEVEL 5 FINISH LEVEL REQUIRED ON SURFACES TO RECEIVE WALL GRAPHICS	G.C.	G.C.
(PP-6)	BENJAMIN MOORE	BM-1607 ENGLEWOOD CLIFFS	FITTING ROOM PASSAGE WALLS, CUSTOMER FACING RIS, PASSAGE COLUMNS, SOFFITS IN BRACE, SEE PRELIM FOR EXACT LOCATION	G.C.	G.C.
WALLS: LO SHEEN EGGSHELL LATEX DOORS & TRIM: SEMI-GLOSS ALKYD CEILINGS: FLAT LATEX EXTERIOR / INTERIOR BRICK: SATIN					
STOREFRONT FINISHES					
(ST-1)		1/6 GA. BRAKE METAL - MILL FINISH	PROVIDE SAMPLE FOR TENANT APPROVAL PRIOR TO FABRICATION	G.C.	G.C.
(ST-2)		1/2" THK TEMPERED GLASS, BUTT-JOINED WITH 1/8" GAPS.	PROVIDE SAMPLE FOR TENANT APPROVAL PRIOR TO INSTALLATION	G.C.	G.C.
(ST-3)	T.B.D.	VINYL GRAPHIC	STOREFRONT	TENANT	TENANT
(ST-4)	DRYVIT	DRYVIT OUTSULATION SYSTEM - FINISH TO MATCH B.M. OC-152 SUPER WHITE, PEBBLE FINISH	PROVIDE SAMPLE FOR TENANT APPROVAL PRIOR TO FABRICATION	G.C.	G.C.
(ST-5)	DRYVIT	DRYVIT OUTSULATION SYSTEM - FINISH TO MATCH B.M. 218-10 UNIVERSAL BLACK, PEBBLE FINISH	PROVIDE SAMPLE FOR TENANT APPROVAL PRIOR TO FABRICATION	G.C.	G.C.
WALL FINISHES					
(W-1)	TOTAL PLASTICS	NELPLAS PEARL	TOILET ROOM BOH, PASSAGEWAY	G.C.	G.C.
(W-2)		CONTACT: JIM JACKSON (800) 382-4639		G.C.	G.C.
(W-3)		NELPLAS BLACK		G.C.	G.C.
NA SCALABLE ART WALL GRAPHICS					
(AG-1)	SOUTHERN GRAPHICS SIGN COMPANY (SGS)	VINYL GRAPHICS WALLCOVERING	NA SCALABLE ARTWORK PROGRAM COLOR	TENANT	TENANT
(AG-2)	SOUTHERN GRAPHICS SIGN COMPANY (SGS)	VINYL GRAPHICS WALLCOVERING	NA SCALABLE ARTWORK PROGRAM B&W	TENANT	TENANT
(AG-3)	SOUTHERN GRAPHICS SIGN COMPANY (SGS)	VINYL GRAPHICS WALLCOVERING	NA SCALABLE ARTWORK PROGRAM M25 SQUIGGLS	TENANT	G.C.
FLOOR FINISHES					
(FC-1)		DYED POLISHED CONCRETE - MEDIUM GREY (BLACK)	G.C. TO COORDINATE INSTALL	G.C.	G.C.
(VT-1)	KAREN PEARSE GLOBAL DIRECT	18" X 18" X 3/32" SPACES STONE - PLAZA	CONTACT JESSICA PEARSE (212) 471-9330	TENANT	G.C.
(FT-1)	ARMSTRONG	VINYL COMPOSITION TILE - IMPERIAL TEXTURE STD EXCELLEN 5995 COLOR CHARCOAL 12" X12" X1/8"		G.C.	G.C.
(VB-1)	JOHNSONITE	4" VINYL COVE BASE 1/8" THK. COLOR M20 BLACK		G.C.	G.C.
(WB-1)		4" H X 3/4" THK POPLAR WOOD BASE PAINTED PP-1		G.C.	G.C.
(FR-1)	PER LL CRITERIA	MATCH MALL FLOORING IN COLOR, TEXTURE, AND PATTERN	COORDINATE W/ LANDLORD REPRESENTATIVE	G.C.	G.C.

Foot Locker, Inc.
 GLOBAL STORE DEVELOPMENT
 330 WEST 34TH STREET
 NEW YORK, NY 10001

LDG
 LDG Engineers and Architects, PC
 1000 COMMERCE PARK DRIVE SUITE 201
 WILLIAMSPORT, PA 17701
 PHONE: (877) 323-6603
 FAX: (570) 323-6902
 LARSONDESIGNGROUP.COM

REVISIONS

NO.	DATE	DESCRIPTION
1	08/27/21	ISSUE FOR PERMIT
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SHEET TITLE
 FINISH FLOOR PLAN
 SHEET NO. **A3.0**
 17 of 33

SEAL
 Tammy Davis
 2023/08/02
 15:03:04'00"
 Tammy Davis
 Lic. No. 0481016279
 REGISTERED PROFESSIONAL ARCHITECT
 PA 08/27/21



LDG Engineers and Architects, PC

1000 COMMERCE PARK DRIVE
SUITE 201
WILLIAMSPORT, PA 17701
PHONE: (877) 323-6603
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LARSONDESIGNGROUP.COM

REVISIONS

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STORE NO. 20015

SHEET TITLE

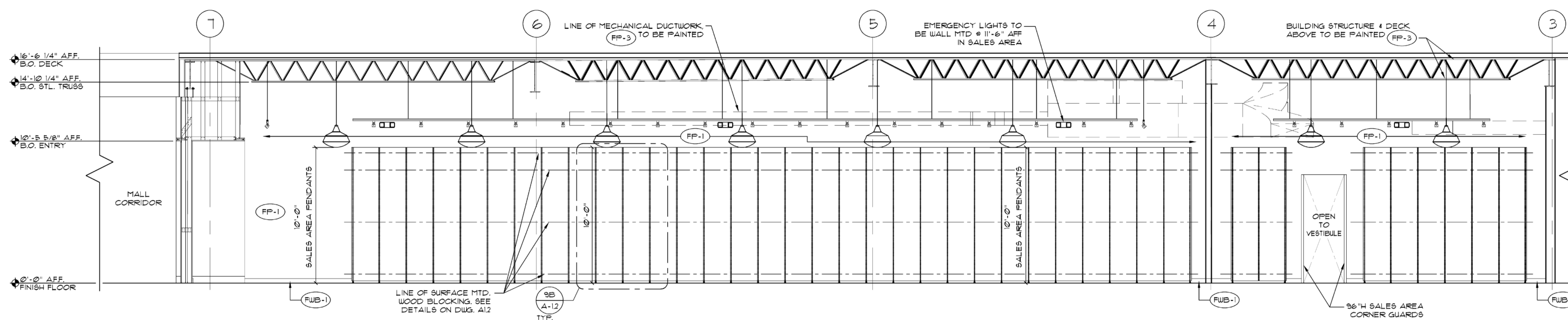
INTERIOR ELEVATIONS

SHEET NO. **A4.0**
18 of 33

SEAL

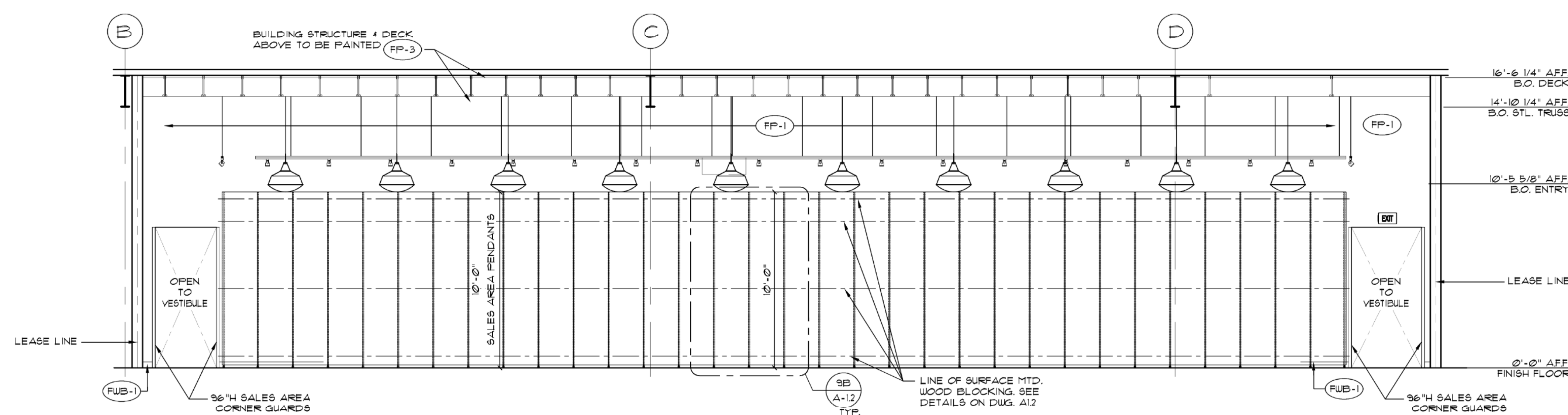
Tammy Davis
2023.08.02
51:49:04'00"
Lic. No. 64018279
ARCHITECT

FL WB 2.0 PROTOTYPE - REV 1 08/27/21



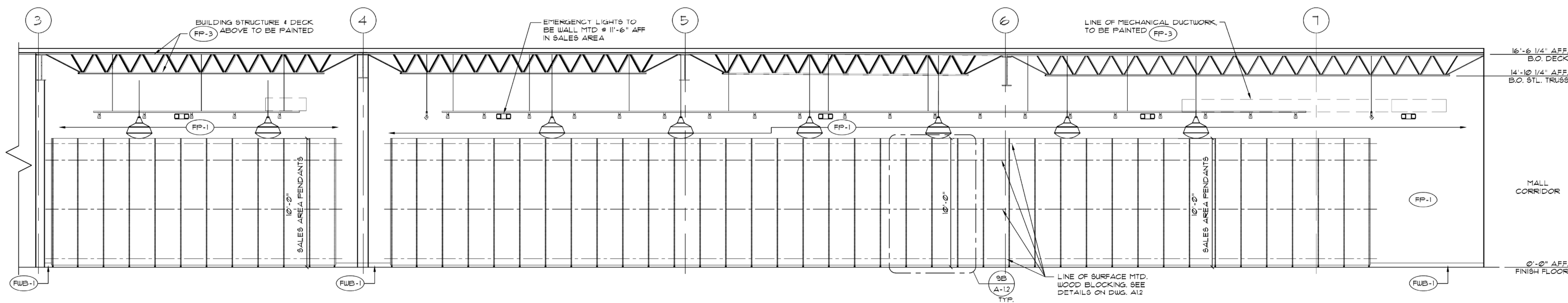
4) INTERIOR ELEVATION

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



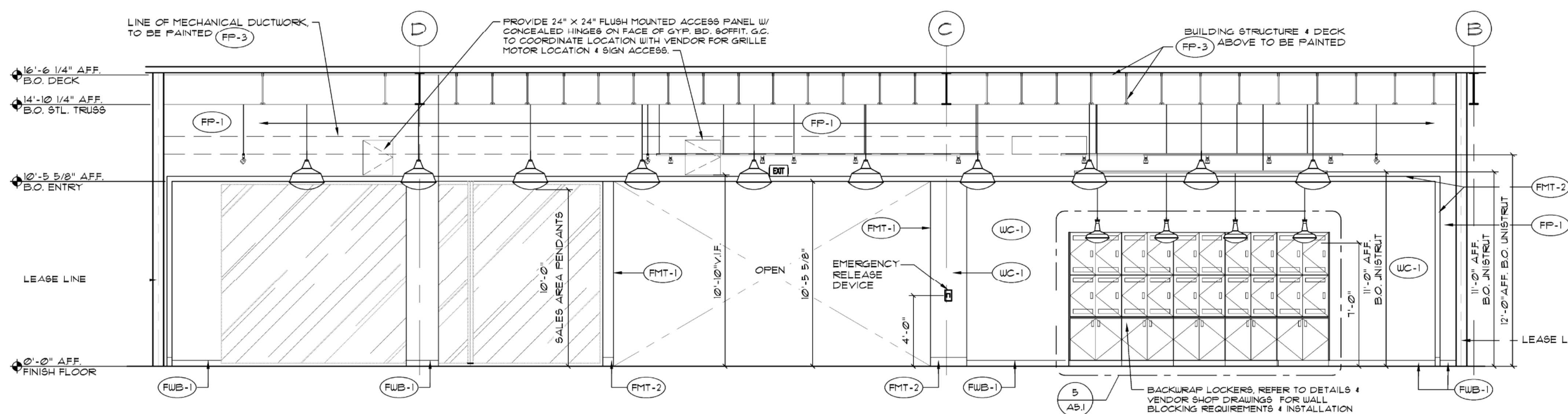
3) INTERIOR ELEVATION

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



2) INTERIOR ELEVATION

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

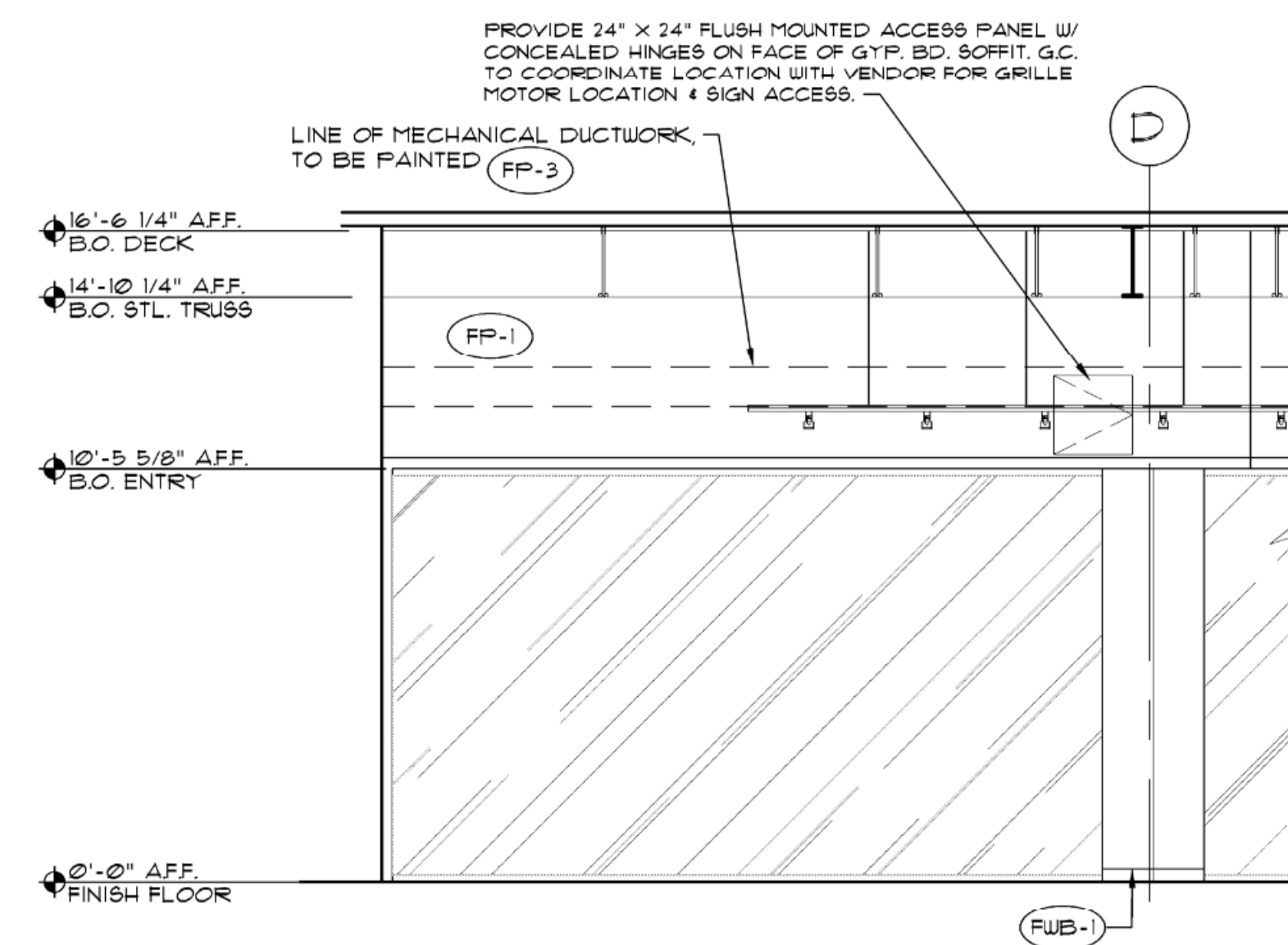


1) INTERIOR ELEVATION

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

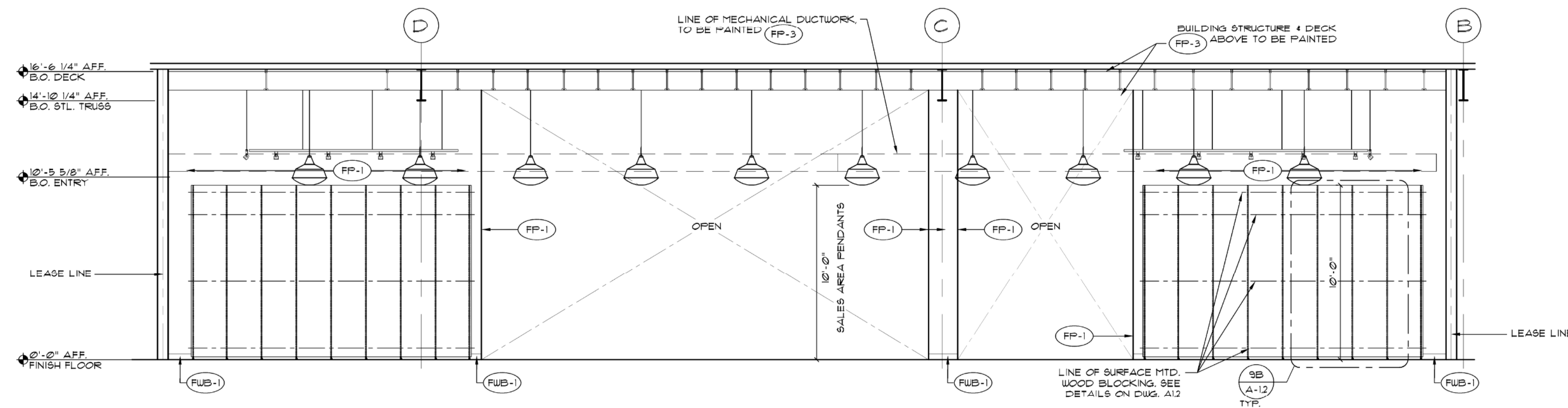


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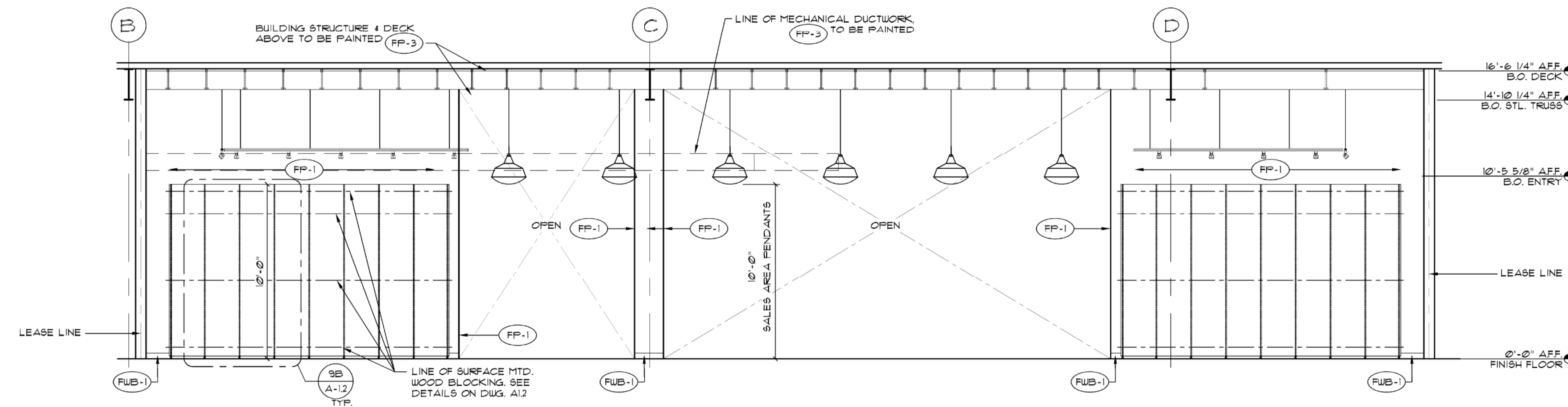
③ INTERIOR ELEVATION

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



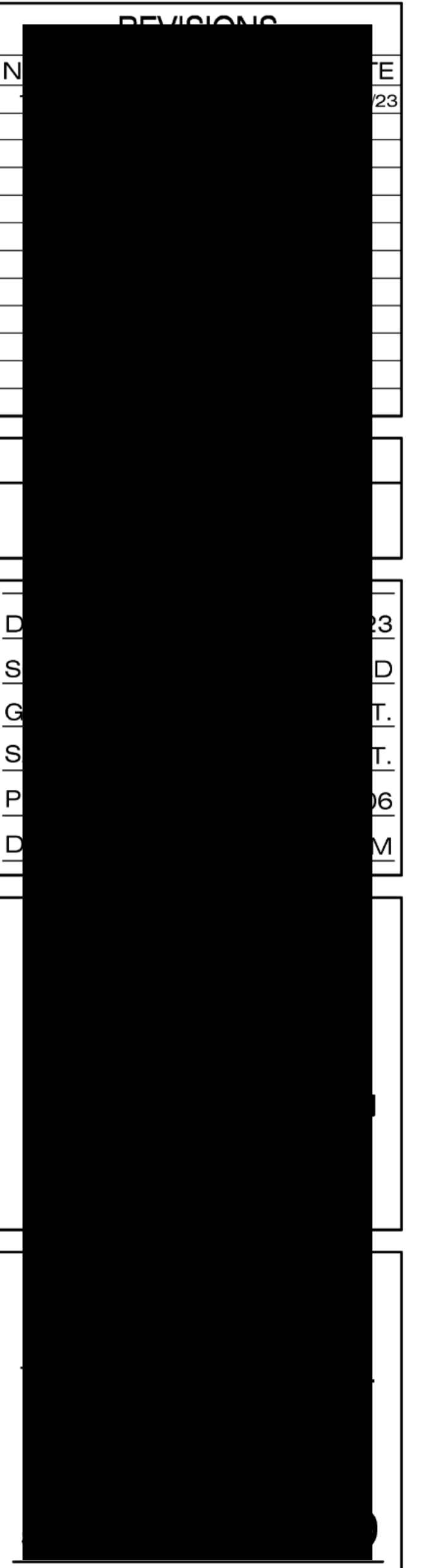
② INTERIOR ELEVATION

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



① INTERIOR ELEVATION

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



SHEET TITLE
INTERIOR ELEVATIONS
SHEET NO. **A4.1**
19 of 33

SEAL
Tammy Davis
2023.08.02
12:52:07-04'00"
Lic. No. 048018270
ARCHITECT

FOOT LOCKER FIXTURE SCHEDULE

FIXTURE SYMBOL	CODE	EXIST	NEW	TOTAL	FIXTURE NAME	FIXTURE SYMBOL	CODE	EXIST	NEW	TOTAL	FIXTURE NAME
	FL-SH-PI-18	0	62	62	118" SMITHHAVEN PANEL-BLACK		FL-TW	0	5	5	TWO WAY - BLACK
	FL-SH-PI-18	0	0	0	118" SMITHHAVEN PANEL-GREY		FL-TW	0	0	0	TWO WAY - GREY
	UF00MCP-118	0	67	67	118" FLUSH MTD POST -BLACK		FL-DTS	0	5	5	DOUBLE T-STAND-BLACK
	UF00MCP-118	0	0	0	118" FLUSH MTD POST -GREY		FL-DTS	0	0	0	DOUBLE T-STAND-GREY
	FL-MR-114-21-VE	0	4	4	54" MIRROR PANEL-BLACK		FL-HC-50	0	3	3	HIGH CAPACITY DISPLAY-BLACK
	FL-MR-114-21-VE	0	0	0	54" MIRROR PANEL-GREY		FL-HC-50	0	0	0	HIGH CAPACITY DISPLAY-GREY
	FL-NTS-VE	0	6	6	TABLE SET - BLACK (1) FL-TB-SQ-VE (1) FL-NT-SQ-VE		FL-BN-01-VE	0	20	20	SALES AREA BENCH-BLACK
	FL-TB-SQ-VEG FL-NT-SQ-VEG	0	0	0	TABLE SET - GREY (1) FL-TB-SQ-VE (1) FL-NT-SQ-VE		FL-BN-01-VE	0	0	0	SALES AREA BENCH-GREY
	FL-CW-04	0	1	1	4-POS CASHWRAP		FL-M-M	0	2	2	MEDIUM MANNEQUIN RISER 18"X24"X24"
	FL-CW-03	0	0	0	3-POS CASHWRAP		FL-M-24-VE	0	2	2	SALES AREA FRAMED MIRROR - 24"
	FL-CW-02	0	0	0	2-POS CASHWRAP		FL-FR-01-ADA-VE	0	1	1	FITTING ROOM ADA BENCH - MET CHARCOAL
	FL-MCU-01	0	0	0	MOBILE CASHWRAP/SINGLE POS UNIT		FL-FRD-36-VE	0	1	1	FITTING ROOM DOOR AND FRAME
	FL-BW-01	0	5	5	36"W BACKWRAP LOCKER		FL-FRD-38-VE	0	0	0	FITTING ROOM DOOR AND FRAME
	FL-BW-02	0	0	0	18"W BACKWRAP LOCKER		FL-FRM-36-20-VE	0	1	1	FITTING ROOM FRAMED MIRROR- 36" X 36"
	FL-MUC	0	0	0	MULTI PURPOSE CART		FL-FRH-30-VE	0	1	1	FITTING ROOM 30" HANG BAR
	FL-BUMC	0	0	0	BACKWRAP MOBILE CART ENCLOSURE		FL-CG-01	0	0	0	CORNER GUARD
	FL-FF-04-VE	0	12	12	60" A-FRAME RACK-BLACK		SLASH-T-G	0	0	0	ALU SLASH DISPLAY FRAME, TALL, GREY
	FL-FF-04-VE	0	0	0	60" A-FRAME RACK-GREY		SLASH-S-G	0	0	0	ALU SLASH DISPLAY FRAME, SHORT, GREY
	FL-FF-02-VE	0	2	2	30" A-FRAME RACK-BLACK		SLASH-S-G	0	0	0	ALU SLASH DISPLAY FRAME, SHORT, GREY
	FL-FF-02-VE	0	0	0	30" A-FRAME RACK-GREY						

KIDS FOOT LOCKER FIXTURE SCHEDULE

FIXTURE SYMBOL	CODE	EXIST	NEW	TOTAL	FIXTURE NAME	FIXTURE SYMBOL	CODE	EXIST	NEW	TOTAL	FIXTURE NAME
	FL-SH-PI-18	0	69	69	118" SMITHHAVEN PANEL-BLACK		FL-HC-50	0	1	1	HIGH CAPACITY DISPLAY-BLACK
	FL-SH-PI-18	0	0	0	118" SMITHHAVEN PANEL-GREY		FL-HC-50	0	0	0	HIGH CAPACITY DISPLAY-GREY
	UF00MCP-118	0	74	74	118" FLUSH MTD POST -BLACK		FL-BN-01-VE	0	8	8	SALES AREA BENCH-BLACK
	UF00MCP-118	0	0	0	118" FLUSH MTD POST -GREY		FL-BN-01-VE	0	0	0	SALES AREA BENCH-GREY
	FL-MR-114-21-VE	0	3	3	54" MIRROR PANEL-BLACK		FL-M-S	0	5	5	SMALL MANNEQUIN RISER 12"X24"X24"
	FL-MR-114-21-VE	0	0	0	54" MIRROR PANEL-GREY		FL-M-S	0	0	0	SMALL MANNEQUIN RISER 12"X24"X24"
	FL-NTS-VE	0	3	3	TABLE SET - BLACK (1) FL-TB-SQ-VE (1) FL-NT-SQ-VE		FL-M-M	0	2	2	MEDIUM MANNEQUIN RISER 18"X24"X24"
	FL-TB-SQ-VEG FL-NT-SQ-VEG	0	0	0	TABLE SET - GREY (1) FL-TB-SQ-VE (1) FL-NT-SQ-VE		FL-M-M	0	0	0	MEDIUM MANNEQUIN RISER 18"X24"X24"
	FL-MCU-01	0	0	0	MOBILE CASHWRAP/SINGLE POS UNIT		FL-FR-01-ADA-VE	0	1	1	FITTING ROOM ADA BENCH - MET CHARCOAL
	FL-MUC	0	0	0	MULTI PURPOSE CART		FL-FRD-36-VE	0	1	1	FITTING ROOM DOOR AND FRAME
	FL-BUMC	0	0	0	BACKWRAP MOBILE CART ENCLOSURE		FL-FRD-38-VE	0	0	0	FITTING ROOM DOOR AND FRAME
	FL-BUMC	0	0	0	BACKWRAP MOBILE CART ENCLOSURE		FL-FRD-38-VE	0	0	0	FITTING ROOM DOOR AND FRAME
	FL-FF-04-VE	0	6	6	60" A-FRAME RACK-BLACK		FL-FRM-36-20-VE	0	1	1	FITTING ROOM FRAMED MIRROR- 36" X 36"
	FL-FF-04-VE	0	0	0	60" A-FRAME RACK-GREY		FL-FRM-36-20-VE	0	0	0	FITTING ROOM FRAMED MIRROR- 36" X 36"
	FL-FF-02-VE	0	1	1	30" A-FRAME RACK-BLACK		FL-FRH-30-VE	0	1	1	FITTING ROOM 30" HANG BAR
	FL-FF-02-VE	0	0	0	30" A-FRAME RACK-GREY		FL-FRH-30-VE	0	0	0	FITTING ROOM 30" HANG BAR
	FL-TW	0	2	2	TWO WAY - BLACK		FL-CG-01	0	0	0	CORNER GUARD
	FL-TW	0	0	0	TWO WAY - GREY		FL-CG-01	0	0	0	CORNER GUARD
	FL-DTS	0	2	2	DOUBLE T-STAND-BLACK						
	FL-DTS	0	0	0	DOUBLE T-STAND-GREY						

WOMENS FIXTURE SCHEDULE

FIXTURE SYMBOL	CODE	EXIST	NEW	TOTAL	FIXTURE NAME
	FL-SH-PI-18	0	20	20	118" SMITHHAVEN PANEL-BLACK
	FL-SH-PI-18	0	0	0	118" SMITHHAVEN PANEL-GREY
	UF00MCP-118	0	20	20	118" FLUSH MTD POST -BLACK
	UF00MCP-118	0	0	0	118" FLUSH MTD POST -GREY
	FL-MR-114-21-VE	0	1	1	54" MIRROR PANEL-BLACK
	FL-MR-114-21-VE	0	0	0	54" MIRROR PANEL-GREY
	FL-FF-02-VE	0	3	3	30" A-FRAME RACK-BLACK
	FL-FF-02-VE-G	0	0	0	30" A-FRAME RACK-GREY
	SLASH-T-W	0	0	0	ALU SLASH DISPLAY FRAME
	SLASH-S-W	0	0	0	ALU SLASH DISPLAY FRAME
	FL-TW	0	1	1	TWO WAY - BLACK
	FL-TW	0	0	0	TWO WAY - GREY
	FL-DTS	0	1	1	DOUBLE T-STAND-BLACK
	FL-DTS	0	0	0	DOUBLE T-STAND-GREY
	FL-BN-01-VE	0	4	4	SALES AREA BENCH-BLACK
	FL-BN-01-VE	0	0	0	SALES AREA BENCH-GREY
	FL-M-24-VE	0	0	0	SALES AREA FRAMED MIRROR - 24"
	FL-M-24-VE	0	0	0	SALES AREA FRAMED MIRROR - 24"
	LFL-TA-01	0	2	2	NESTING TABLE SET 1 LFL-TA-01 1 LFL-TA-02 1 LFL-TA-03
	LFL-TA-01	0	0	0	NESTING TABLE SET 1 LFL-TA-01 1 LFL-TA-02 1 LFL-TA-03
	LFL-TA-03	0	0	0	NESTING TABLE SET 1 LFL-TA-01 1 LFL-TA-02 1 LFL-TA-03
	FL-M-S	0	0	0	SMALL MANNEQUIN RISER 12"X24"X24"
	FL-M-M	0	0	0	MEDIUM MANNEQUIN RISER 18"X24"X24"

MANNEQUIN SCHEDULE (MANNEQUINS ONLY)

FIXTURE SYMBOL	CODE	EXIST	NEW	TOTAL	FIXTURE NAME
MEN'S	M-1	0	0	0	REFER TO CHART SMALL: 3-8FT
MEN'S	M-2	0	0	0	REFER TO CHART MEDIUM: 9-15FT
MEN'S	M-3	0	0	0	REFER TO CHART LARGE: 16-20FT
MEN'S	M-4	0	0	0	REFER TO CHART X-LARGE: 1E25FT
WOMEN'S	W-1	0	0	0	REFER TO CHART SMALL: 3-8FT
WOMEN'S	W-2	0	0	0	REFER TO CHART MEDIUM: 9-15FT
MEN'S/WOMEN'S	FL-W-1	0	0	0	REFER TO CHART SMALL: 3-8FT
MEN'S/WOMEN'S	FL-W-2	0	0	0	REFER TO CHART MEDIUM: 9-15FT
MEN'S/WOMEN'S	FL-W-3	0	0	0	REFER TO CHART LARGE: 16-20FT
MEN'S/WOMEN'S	FL-W-4	0	0	0	REFER TO CHART X-LARGE: 1E25FT
FULL FAMILY	FAM-1	0	1	1	REFER TO CHART MEDIUM: 9-15FT
FULL FAMILY	FAM-2	0	1	1	REFER TO CHART LARGE: 16-20FT
FULL FAMILY	FAM-3	0	0	0	REFER TO CHART X-LARGE: 1E25FT
MEN'S/KIDS	FL-K-1	0	0	0	REFER TO CHART SMALL: 3-8FT
MEN'S/KIDS	FL-K-2	0	0	0	REFER TO CHART MEDIUM: 9-15FT
MEN'S/KIDS	FL-K-3	0	0	0	REFER TO CHART LARGE: 16-20FT
MEN'S/KIDS	FL-K-4	0	0	0	REFER TO CHART X-LARGE: 1E25FT
KIDS	K-1	0	0	0	REFER TO CHART SMALL: 3-8FT
KIDS	K-2	0	0	0	REFER TO CHART MEDIUM: 9-15FT
KIDS	K-3	0	0	0	REFER TO CHART LARGE: 16-20FT
WOMEN'S/KIDS	W-K-1	0	0	0	REFER TO CHART SMALL: 3-8FT
WOMEN'S/KIDS	W-K-2	0	0	0	REFER TO CHART MEDIUM: 9-15FT
WOMEN'S/KIDS	W-K-3	0	0	0	REFER TO CHART LARGE: 16-20FT
WOMEN'S/KIDS	W-K-4	0	0	0	REFER TO CHART X-LARGE: 1E25FT
	FL-SET	0	0	0	REFER TO CHART FTL FRONT FULL FAMILY (COMMUNITY STORE)
	KFL-SET	0	1	1	REFER TO CHART KFL SET UNDER NEON SIGN (COMMUNITY STORE)

Foot Locker, Inc.

GLOBAL STORE DEVELOPMENT
330 WEST 34TH STREET
NEW YORK, NY 10001



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SHEET TITLE
FIXTURE SCHEDULES

SHEET NO. **A5.01**
21 of 33

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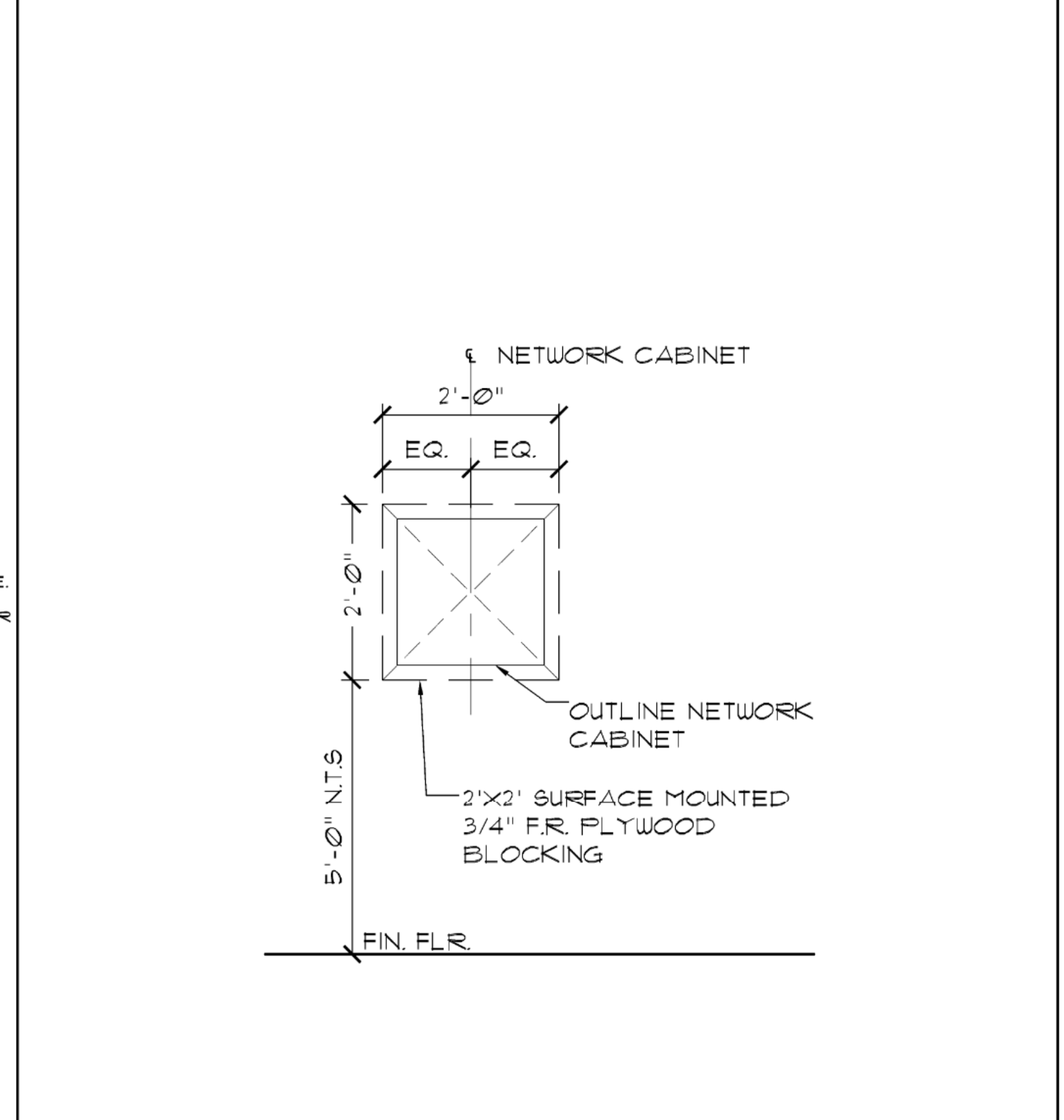
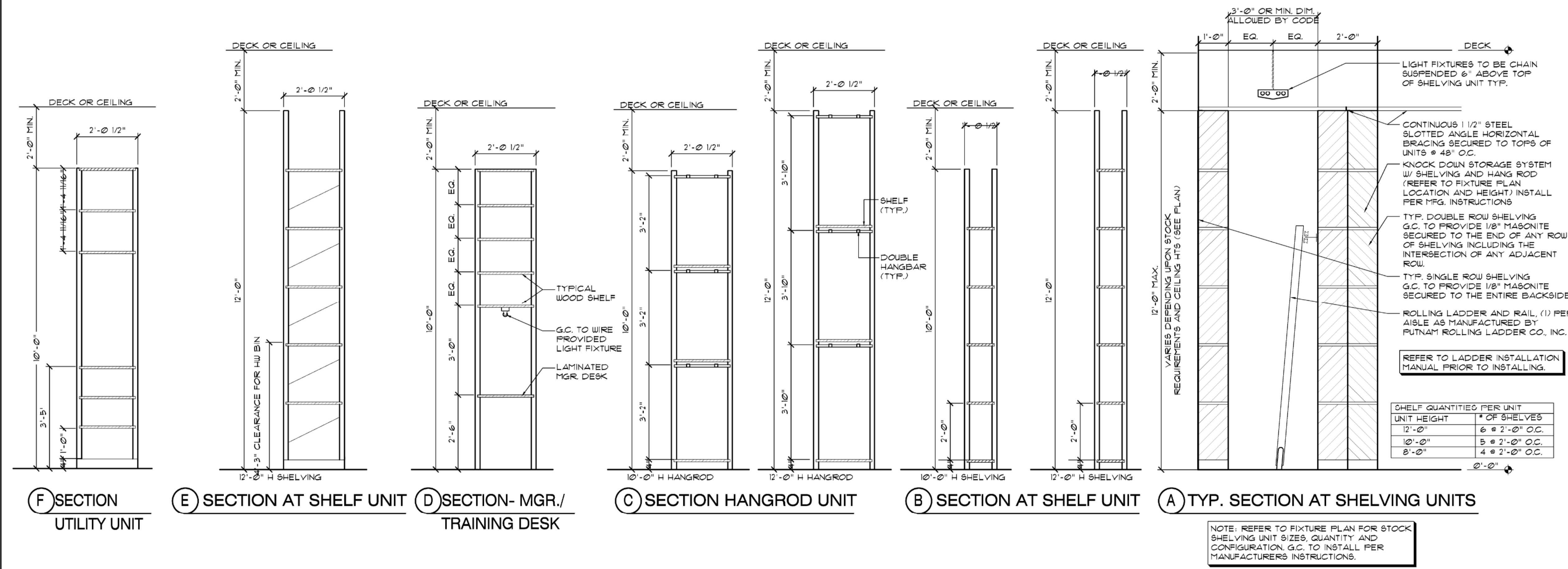
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FL WB 2.0 PROTOTYPE - REV 1 08/27/21

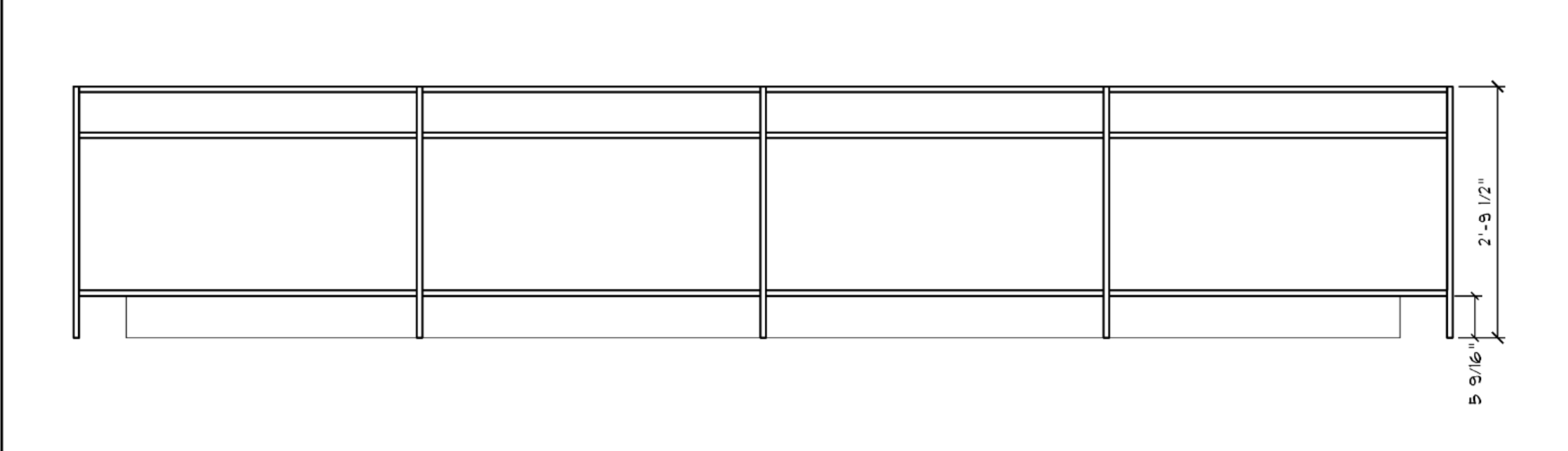


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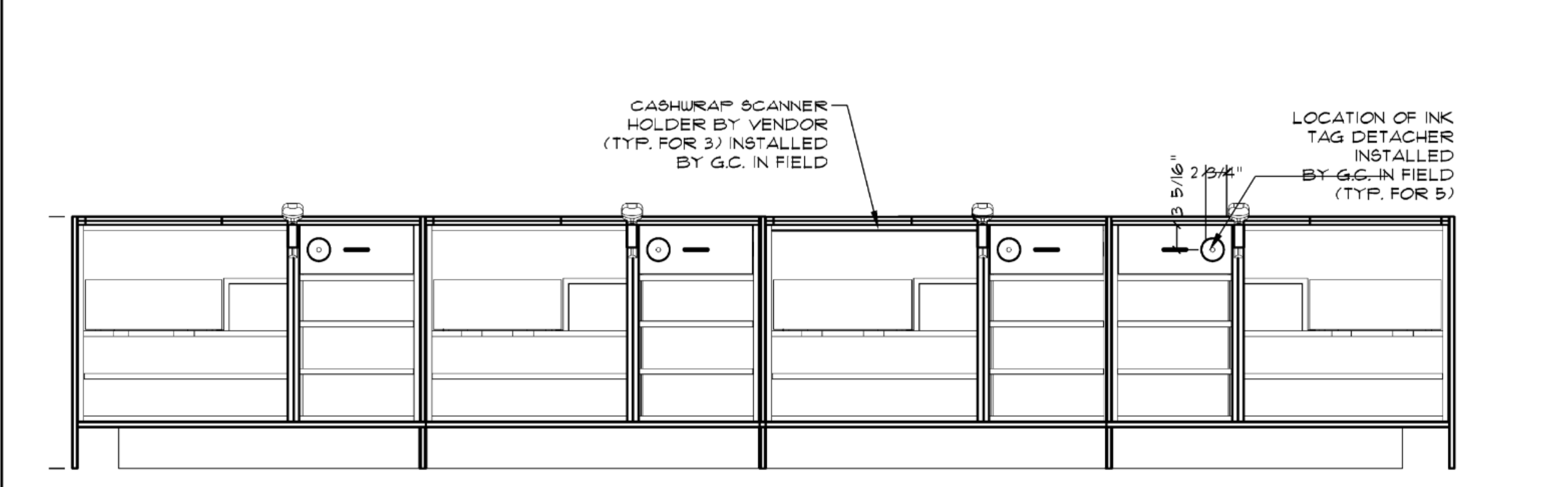


13 STOCK SHELVING DETAILS

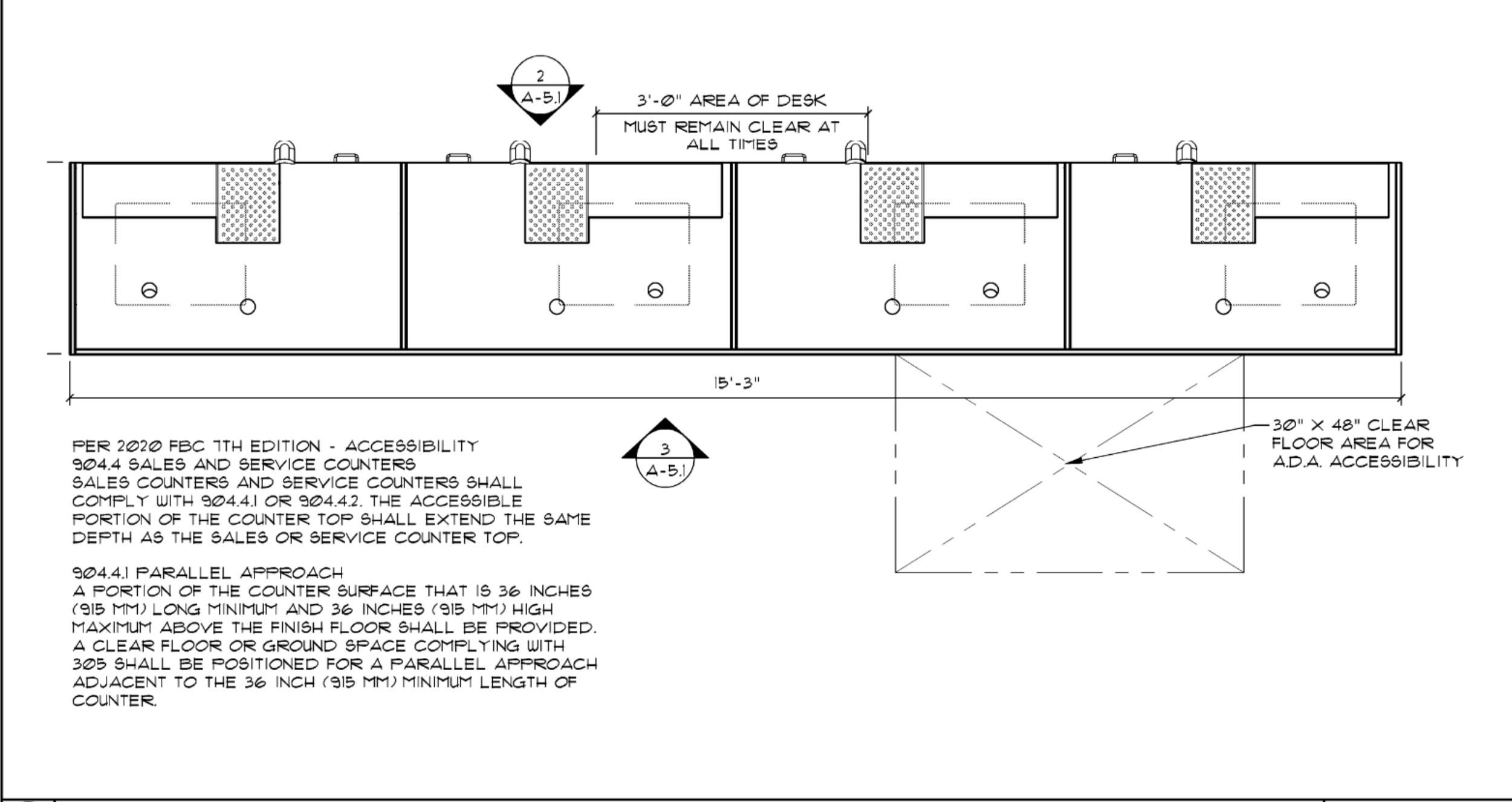
7 NETWORK CABINET BLOCKING DETAIL



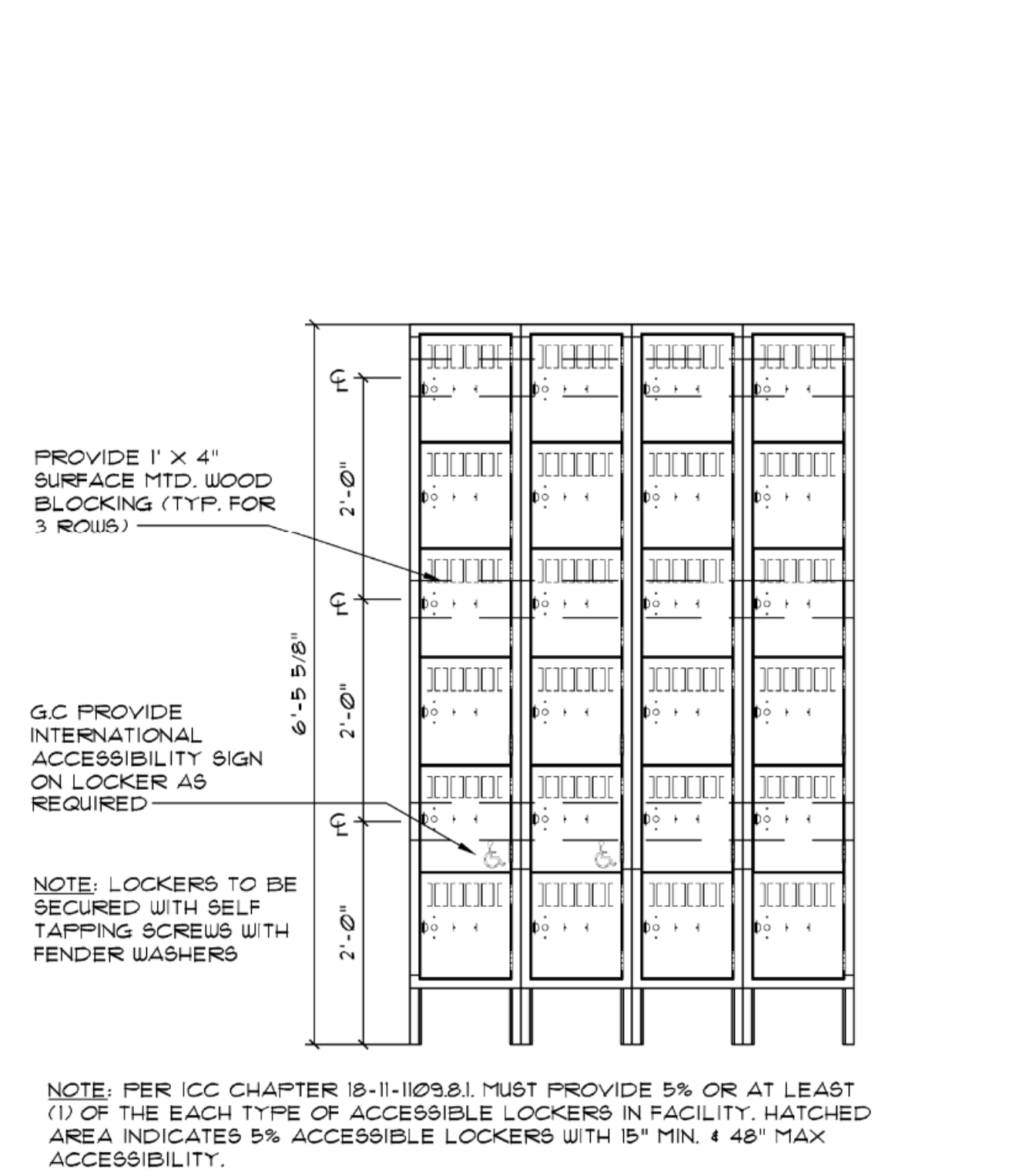
3 CASHWRAP REAR ELEVATION



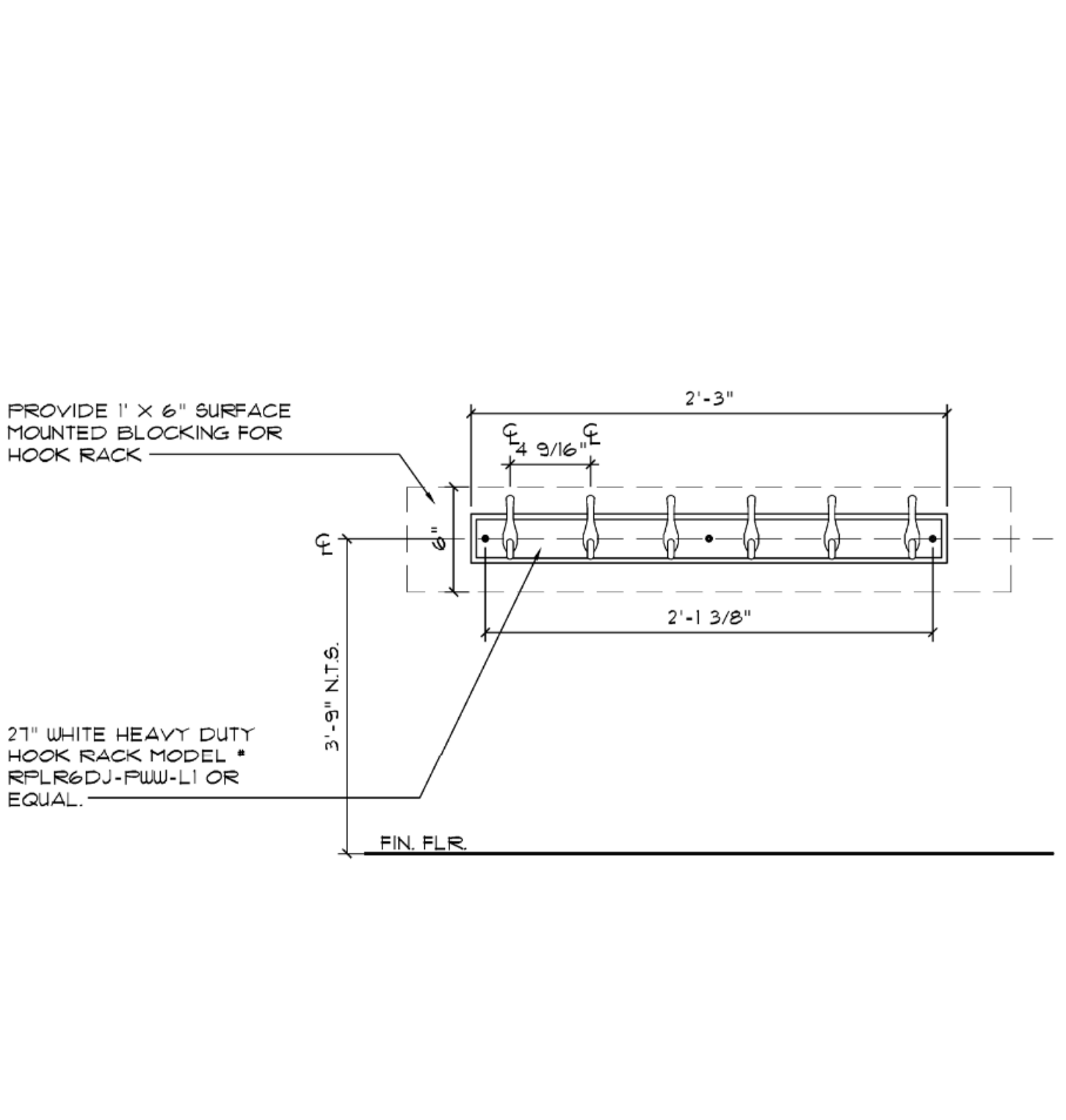
2 CASHWRAP FRONT ELEVATION



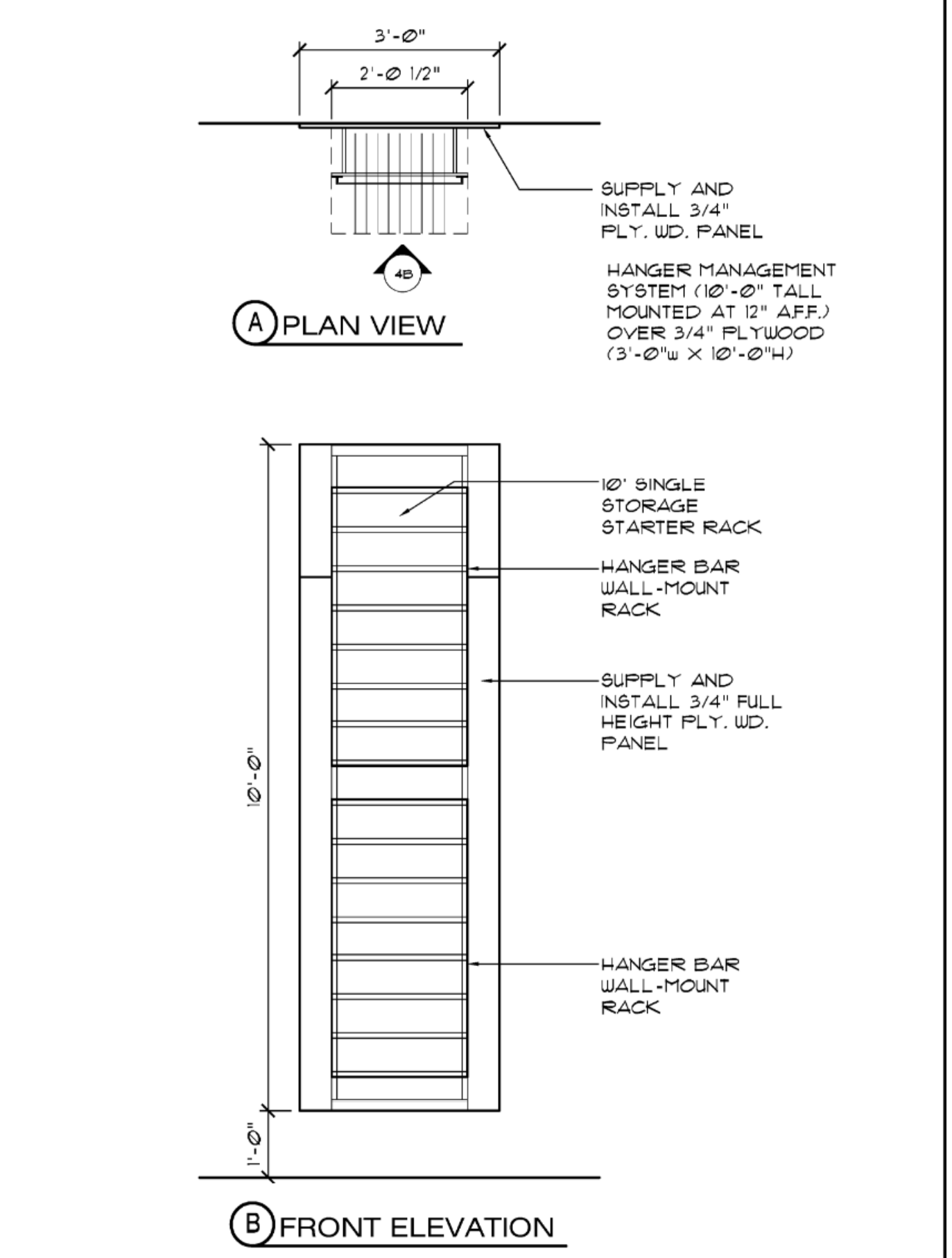
1 CASHWRAP PLAN



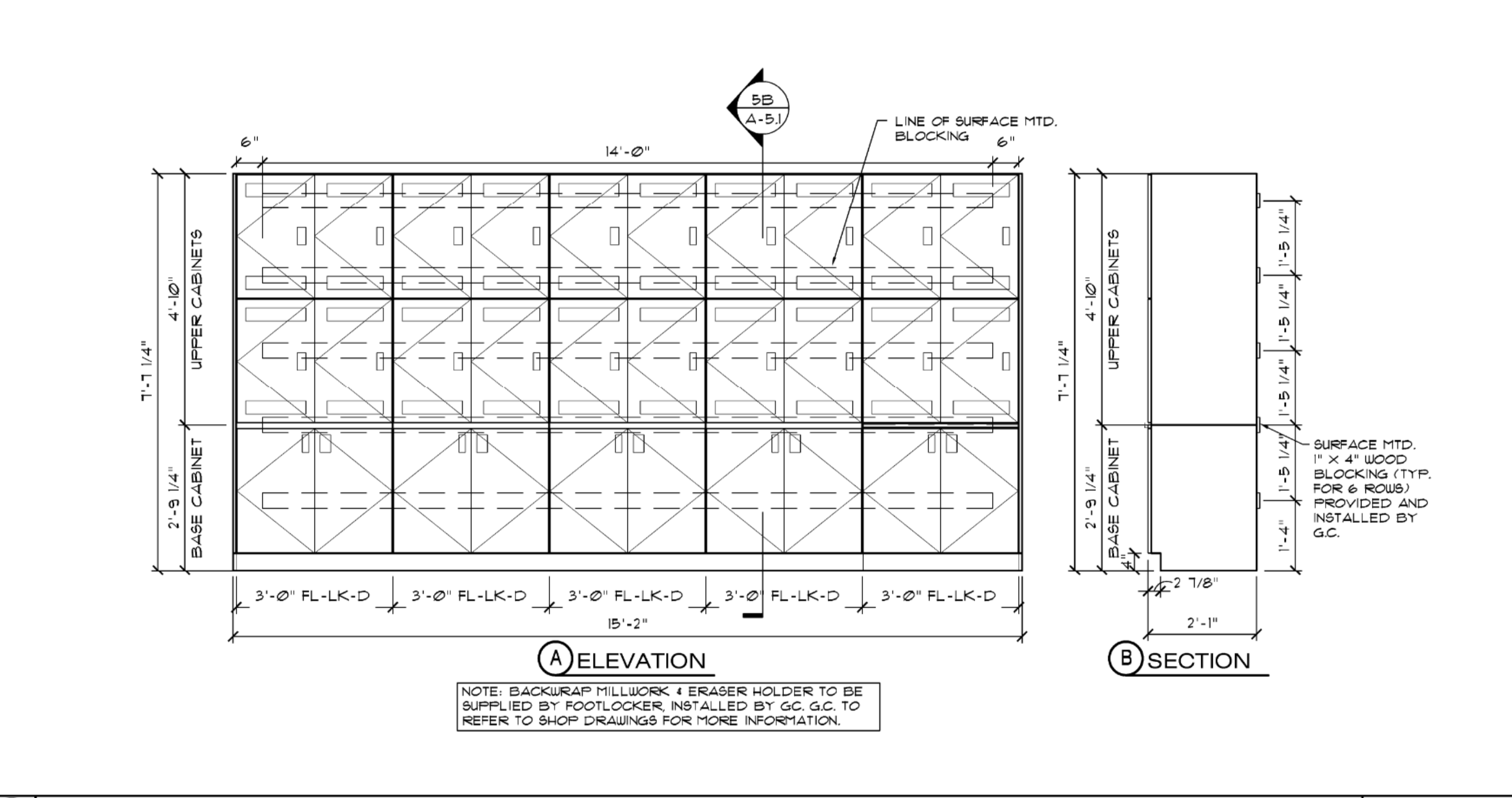
5 B.O.H. LOCKERS BLOCKING DETAIL



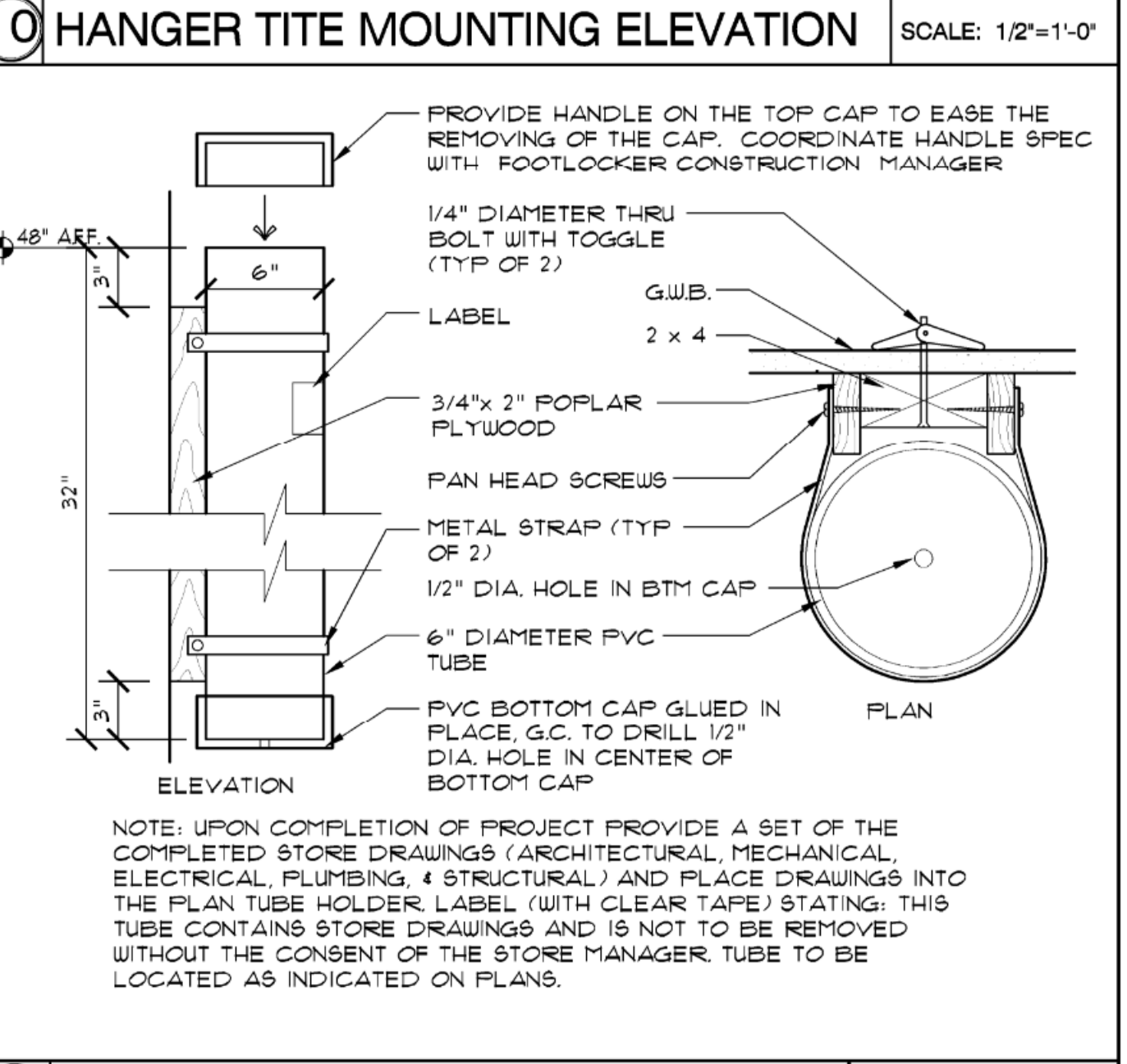
8 HEADSET HOOK DETAIL



10 HANGER TITE MOUNTING ELEVATION



4 BACKWRAP FIXTURE



9 DRAWING STORAGE TUBE

SHEET TITLE
FIXTURE SECTIONS & DETAILS
SHEET NO. **A5.1**
22 of 33

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Tammy Davis
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This sheet has been digitally signed and sealed by Tammy Davis, PA Lic. No. 040101278
The date and time of signing is 08/02/2023 using a digital signature.
FL WB 2.0 PROTOTYPE - REV 1 08/27/21

REFLECTED CEILING PLAN NOTES

1. VERIFY OVERHEAD CLEARANCES AND IDENTIFY ANY OBSTRUCTIONS OR CONDITIONS THAT WOULD PREVENT THE INSTALLATION OF NOTED CEILING HEIGHTS, LIGHT FIXTURES, OR SUSPENDED ELEMENTS. REPORT ANY DISCREPANCIES TO STORE PLANNER AND PROJECT MANAGER WITHIN 3 DAYS OF CONSTRUCTION START.
2. COORDINATE ALL NEW WORK WITH ELECTRICAL, MECHANICAL, AND PLUMBING DRAWINGS.
3. REFER TO FINISH SCHEDULE SPEC 4 INTERIOR ELEVATIONS FOR FINISHING & PAINTING REQUIREMENTS.
3. G.C. SHALL ADVISE TENANT STORE PLANNER OF MAX CLEAR HEIGHT IN STOCK ROOM PRIOR TO PROJECT COMMENCING.
4. REFER TO ELECTRICAL LIGHTING PLAN FOR CIRCUITING.
5. NO COMBUSTIBLE MATERIALS ALLOWED ABOVE FINISHED CEILING.

SPRINKLER NOTES

- SPRINKLER HEAD TYPE / LOCATION SHALL BE AS FOLLOWS:
- UPRUNNED SPRINKLER HEADS/BRASS FINISH EXPOSED DECK AREAS
 - FULLY RECESSED CONCEALED SPRINKLER HEADS AT ENTRY AND SHOW WINDOW CEILINGS. ALL SALES AREA SUSPENDED LAY-IN AND G.W.B. CEILINGS INCLUDING IN FITTING ROOM AND VESTIBULE (IF APPLICABLE). COLOR OF SPRINKLER CAP TO MATCH CEILING COLOR.
 - 56MM RECESSED SPRINKLER HEADS WITH CHROME FINISHES: TOILET ROOM AND LAY-IN NON-SALES AREA CEILING IF APPLICABLE.

CEILING TYPE SCHEDULE

CALLOUT	DESCRIPTION
CL-1	BRASS METAL FINISH ON 3/4" FRP PLYWOOD ON METAL STUD FRAMING
CL-2	5/8" TYPE 'X' GYP. BD. ON MET. JOISTS, OR RIGID 'X' SUSPENSION SYSTEM, AT HEIGHT INDICATED ON PLAN. TAPE, SPACKLE, SAND, SMOOTH AND PAINT, ONE COAT SEALER, TWO COATS FINISH PER FINISH PLAN.
CL-3	EXPOSED STRUCTURAL DECK

CEILING FIXTURE AND EQUIPMENT SCHEDULE

TYPE	SYMBOL	EXIST.	NEW	DESCRIPTION	MANUFACTURER	MODEL #	NOTES
BU	⊙	-	1	SUB WOOFER	BOSE	FREESPACE 3 MODEL	G.C. TO CONTACT AUDIO VENDOR TO OBTAIN FILE REGARDING QUANTITY AND POSITION OF AUDIO SPEAKERS (G.C. TO PROVIDE UNISTRUT AS REQUIRED FOR OPEN CEILING CONCEPT)
SP	⊙	-	9	LOUDSPEAKER - SOUND SHALL NOT BE HEARD FROM 15' OR LESS FROM LEASE	BOSE	FREESPACE MODEL 16	
LH	⊙	-	1	LIGHTHAUS CAMERA	-	-	G.C. TO PROVIDE JUNCTION BOX. (PROVIDE UNISTRUT AS REQUIRED FOR OPEN CEILINGS)
WB	⊙	-	4	CCTV CAMERA (WHITE FINISH 'W', BLACK FINISH 'B')	CLINTON ELECTRONICS	CE-IDX15	G.C. TO PROVIDE JUNCTION BOX. (PROVIDE UNISTRUT AS REQUIRED FOR OPEN CEILINGS)
EAS	⊙	-	1	RFID SECURITY DETECTION SYSTEM	NEDAP/CONTROLTEK	RFID	G.C. TO PROVIDE CAT 6 CABLE & JUNCTION BOX. (PROVIDE UNISTRUT AS REQUIRED FOR OPEN CEILINGS)

(E) = EXISTING DEVICES TO REMAIN, (R) = EXISTING DEVICES TO BE RELOCATED, EXISTING QUANTITIES TO BE VERIFIED IN FIELD

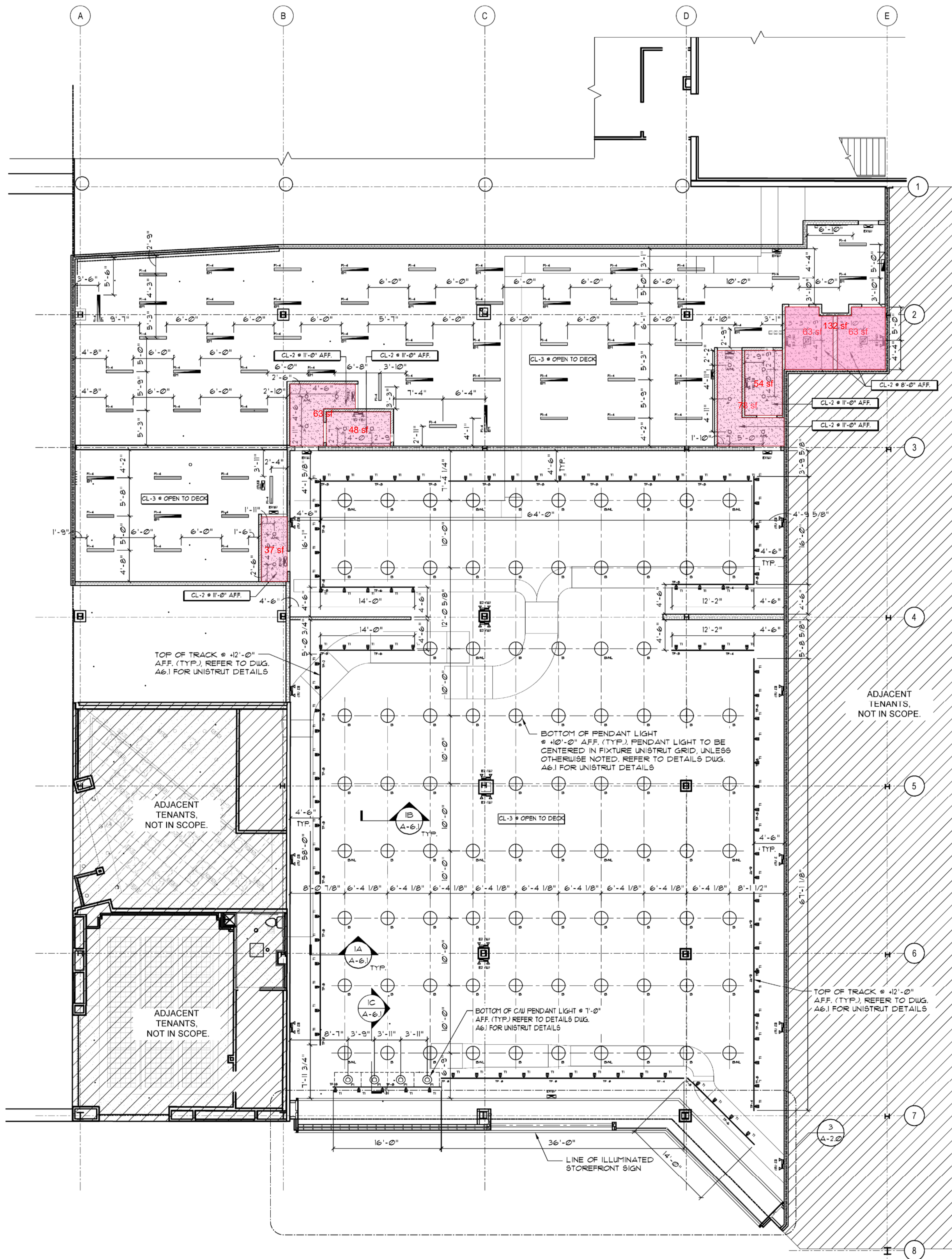
NOTE: SEE DRAWING E1.0 FOR LOCATION OF PLUGMOLD

LIGHT FIXTURE SCHEDULE - FOOT LOCKER

TYPE	SKU #	SYMBOL	EXIST.	NEW	DESCRIPTION	MANUFACTURER	MODEL #	LAMP	NOTES
A	DL-6	⊙	-	13	6" LED DOWNLIGHT, WHITE TRIM	ATTAIN LED	AT-DL5-6-44-35-UNV AT-DL5-6-TRIM-HZW	(1) 44.6W/3500K	
B	PC-24-W	⊙	-	10	24" DIAMETER STEP NECK DOME, WHITE FINISH AND WHITE CORD	ATTAINED	AT-U524RLM-35K-WH	27W LED /3000K	MOUNT B.O. FIXTURE AT 10'-0" AFF.
B(A)	PC-24-W	⊙	-	14	24" DIAMETER STEP NECK DOME, WHITE FINISH AND WHITE CORD	ATTAINED	AT-U524RLM-35K-WH	27W LED /3000K	MOUNT B.O. FIXTURE AT 10'-0" AFF.
C	R2-W	⊙	-	-	RECESSED DOUBLE HEAD ADJUSTABLE LED LIGHT - WHITE	ATTAINED	AT-DLM1-2-35-NFL-WH	(2) 15W LED	
D	FAN	⊙	-	2	LED VENTILATION FAN/LIGHT UNIT	DELTA	5G80-110M-LED	(1) 13W LED	
E1	EXIT-W	⊙	-	9	EXIT LITE WITH 90 MINUTE BATTERY PACK	ASTRALITE	TP-U-R-W-EM	25W LED	SURFACE MOUNTED, B.O. AT 11'-6" AFF IN SALES AREA. MAX. HT. ALLOWABLE BY CODE IN NON-SALES AREAS
E2W	EM-HL-W	⊙	-	-	2-HEAD UNIVERSAL EMERGENCY LIGHT W/ 90 MIN. BATTERY BACK UP	DUALITE	EVHC-12-06L	(2) 6W LED	
E2B	EM-HL-B	⊙	-	-	2-HEAD UNIVERSAL EMERGENCY LIGHT W/ 90 MIN. BATTERY BACK UP	DUALITE	EVHC-12-06L	(2) 6W LED	
E3	EM-W	⊙	-	-	2-HEAD UNIVERSAL EMERGENCY LIGHT W/ 90 MIN. BATTERY BACK UP, WHITE FINISH	ASTRALITE	EU-3-LED-W	(2) 1W LED	SURFACE MOUNTED, B.O. AT 1'-0" AFF.
FI-4	BOH	⊙	-	36	48" LONG STRIP LINEAR LED LIGHT FIXTURE	ATTAINED	AT-STRP-4-30-35-WHT	30W LED	SUSPENDED WITH CHAIN, BOTTOM OF FIXTURE TO BE 6" ABV TOP OF SHELF UNIT, UNLESS OTHERWISE NOTED, FIXTURE DENOTED AS 'NL' ARE TO BE WIRED AS NIGHT LIGHT
FI-4	EM	⊙	-	24	48" LONG STRIP LINEAR LED LIGHT FIXTURE WITH 1400 LUMEN EMERGENCY BACKUP	ATTAINED	AT-STRP-4-30-35-WHT-EM	30W LED	
PI	PC-16-WB	⊙	-	4	16" DIAMETER STEP NECK DOME, WHITE FINISH, WHITE CORD, & BLACK CAGE	ATTAINED	AT-U516RLM1-35K-WH-UGBK	13W LED /3000K	MOUNT B.O. FIXTURE AT 1'-0" AFF, INCLUDING CAGE
TI	TH-W	⊙	-	103	LED TRACK HEAD, WHITE	ATTAINED	AT-HP-38-35-95-38-WH-J	38W LED	
TI	T1-8-W	⊙	-	39					
TI	T1-6-W	⊙	-	3					
TI	T1-4-W	⊙	-	3					
TI	T1-2-W	⊙	-	1					
TF		⊙	-	-	SINGLE CIRCUIT CHANNEL TRACK, WHITE	ATTAINED	AT-TRK-8-WH (8') AT-TRK-4-WH (4') AT-TRK-2-WH (2')	RATED 20AMP AT 120V	
ECL	ECL-1	⊙	-	-	1-CIRCUIT END FEED LIMITER	ATTAINED	AT-TRK-1-ECL		SEE PLAN FOR SPECIFIC SIZE OF LIMITERS

(E) = EXISTING FIXTURE TO REMAIN, (R) = EXISTING FIXTURE TO BE RELOCATED, EXISTING QUANTITIES TO BE VERIFIED IN FIELD
NL = DENOTES NIGHT LIGHTS, EM = DENOTES EMERGENCY LIGHT

EMERGENCY LIGHTING NOTE: EMERGENCY FIXTURES HAVE A 90 MINUTE BATTERY BACKUP. SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION



1 REFLECTED CEILING PLAN

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

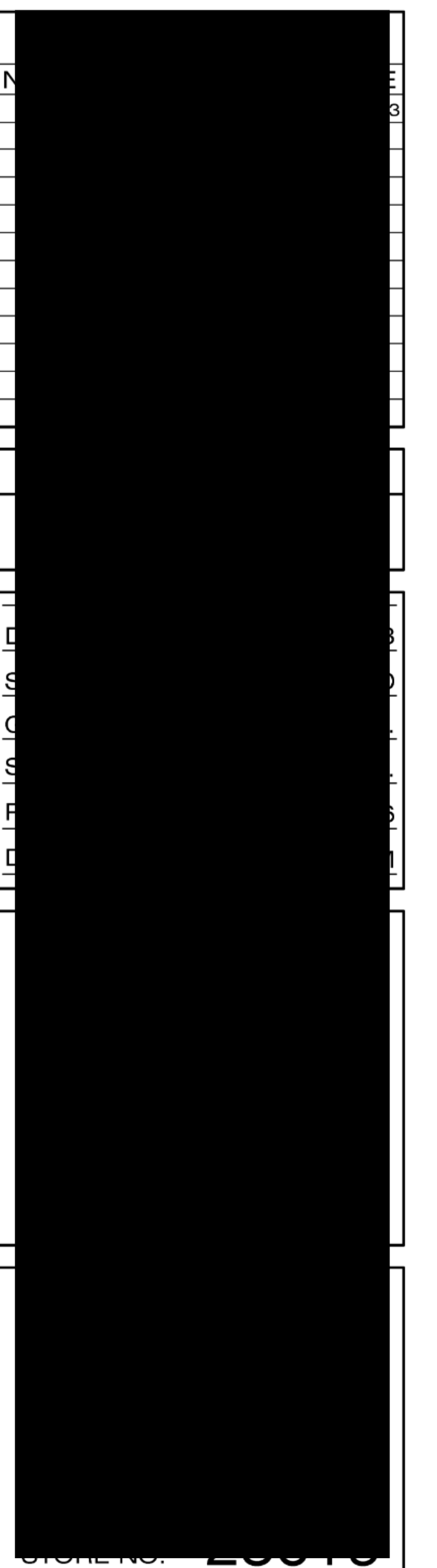
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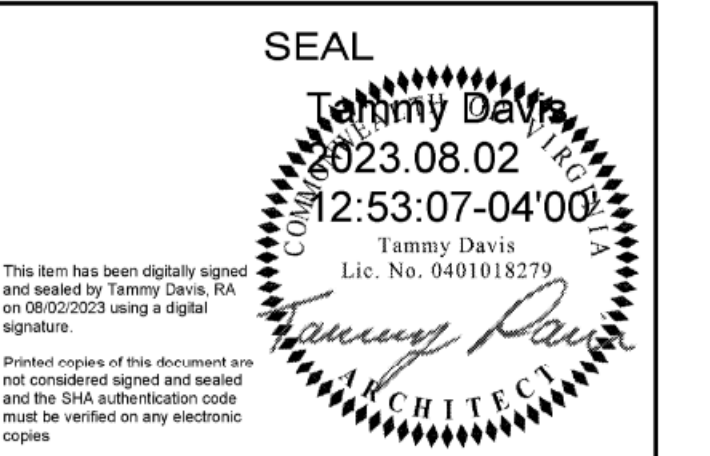
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REFLECTED CEILING PLAN

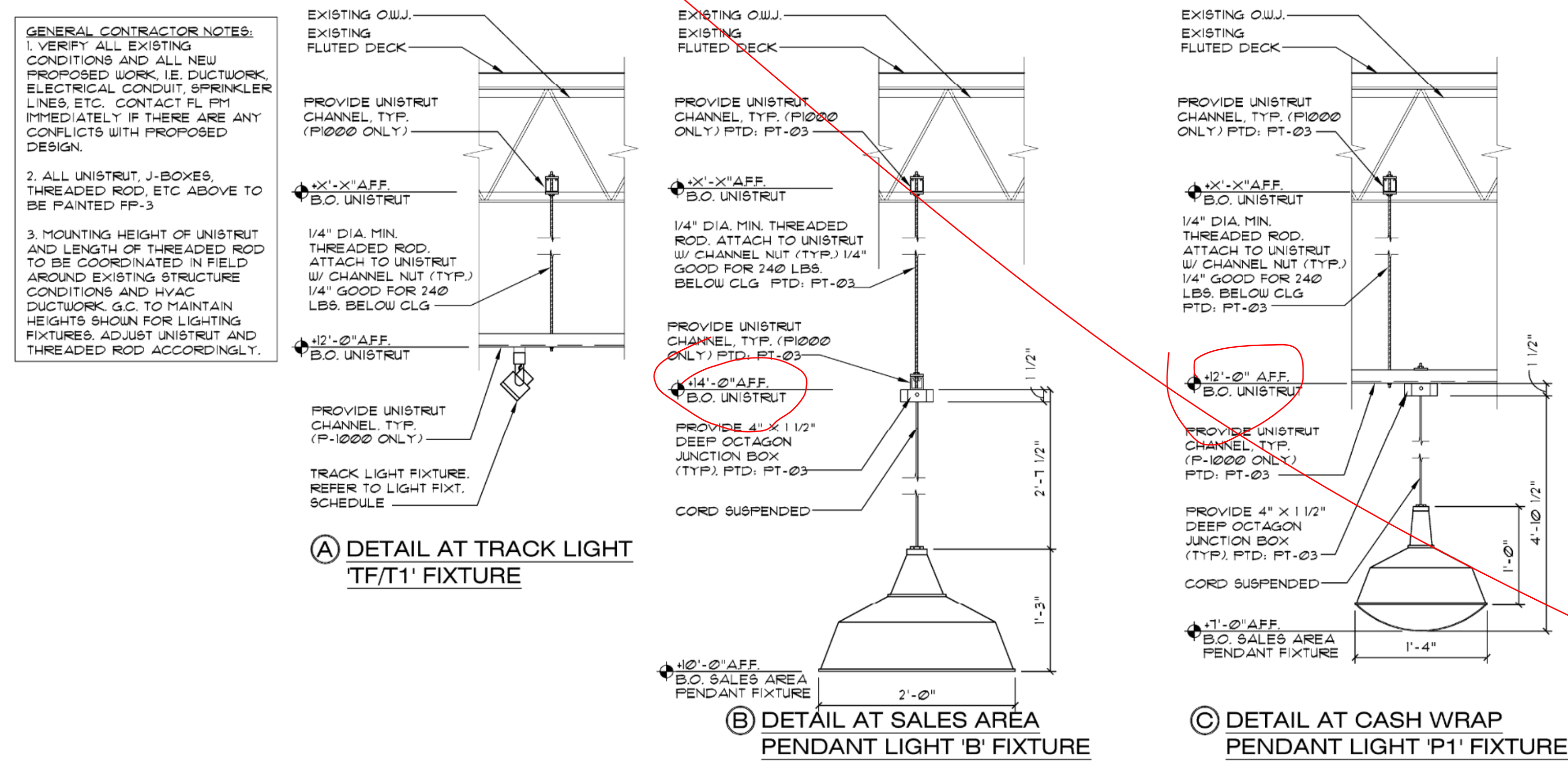
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23 of 33



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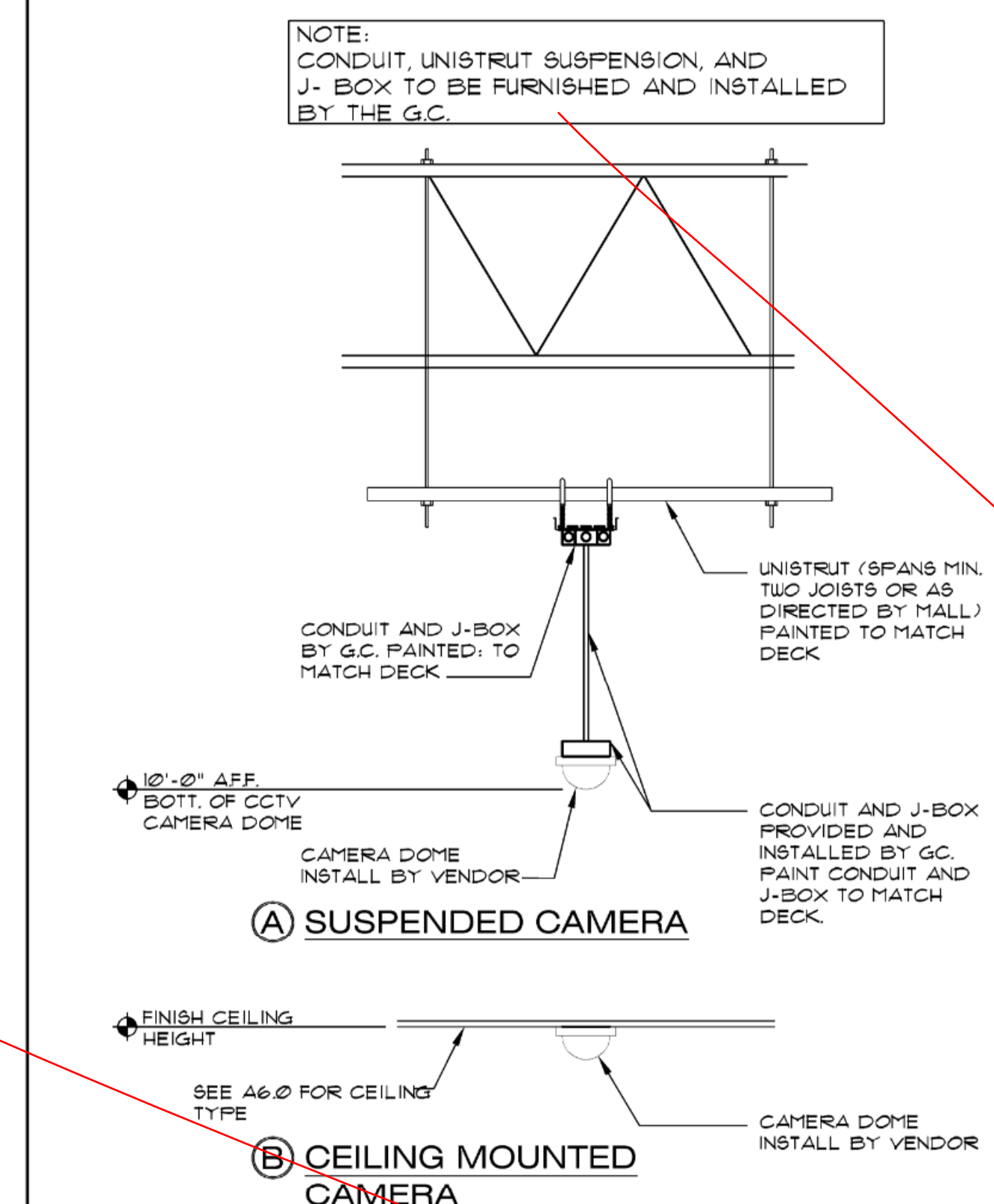


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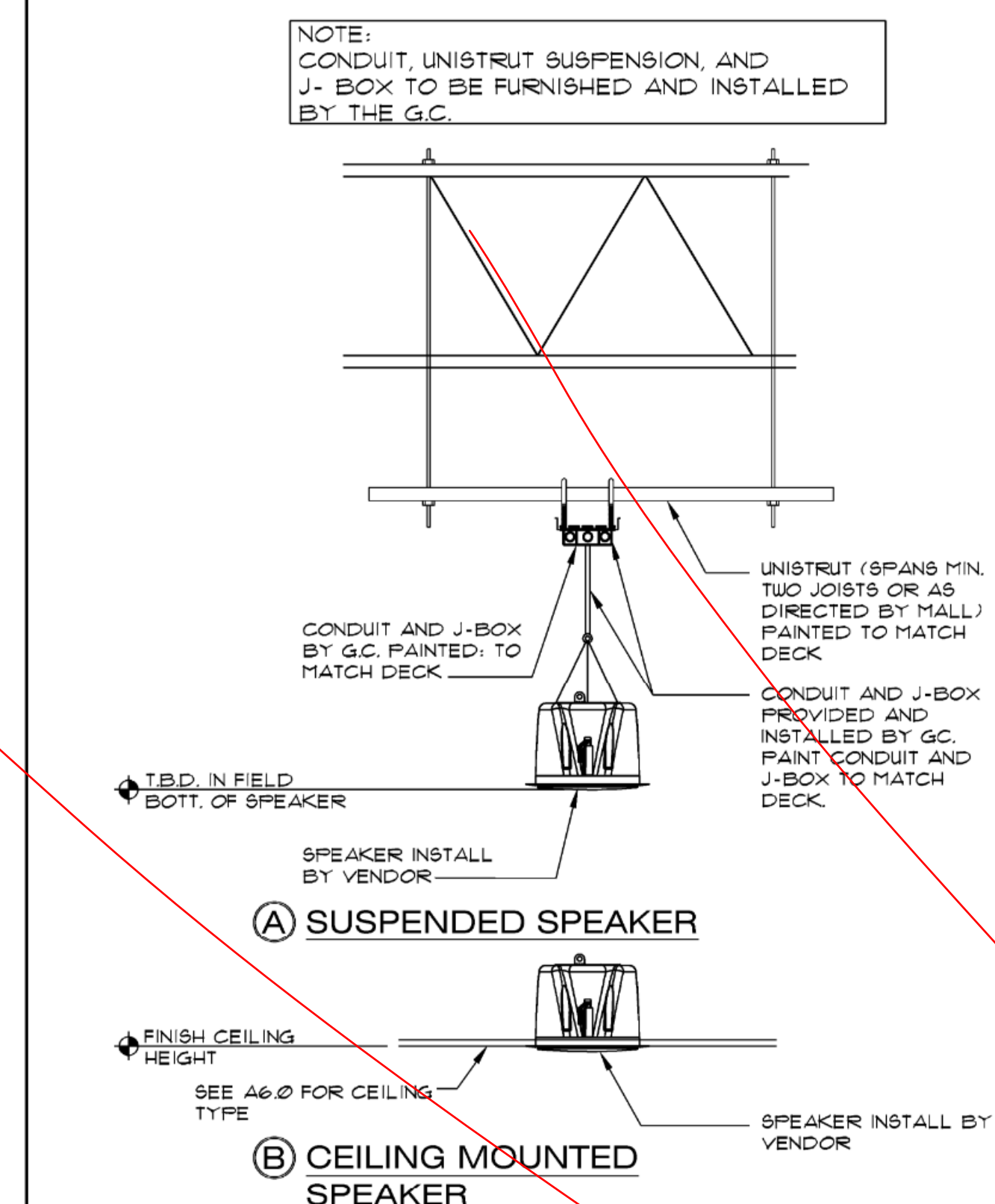
1 LIGHTING UNISTRUT DETAILS AND MOUNTING HEIGHTS

SCALE: 1" = 1'-0"



2 CCTV MOUNTING DETAILS

SCALE: 1" = 1'-0"



3 SPEAKER MOUNTING DETAILS

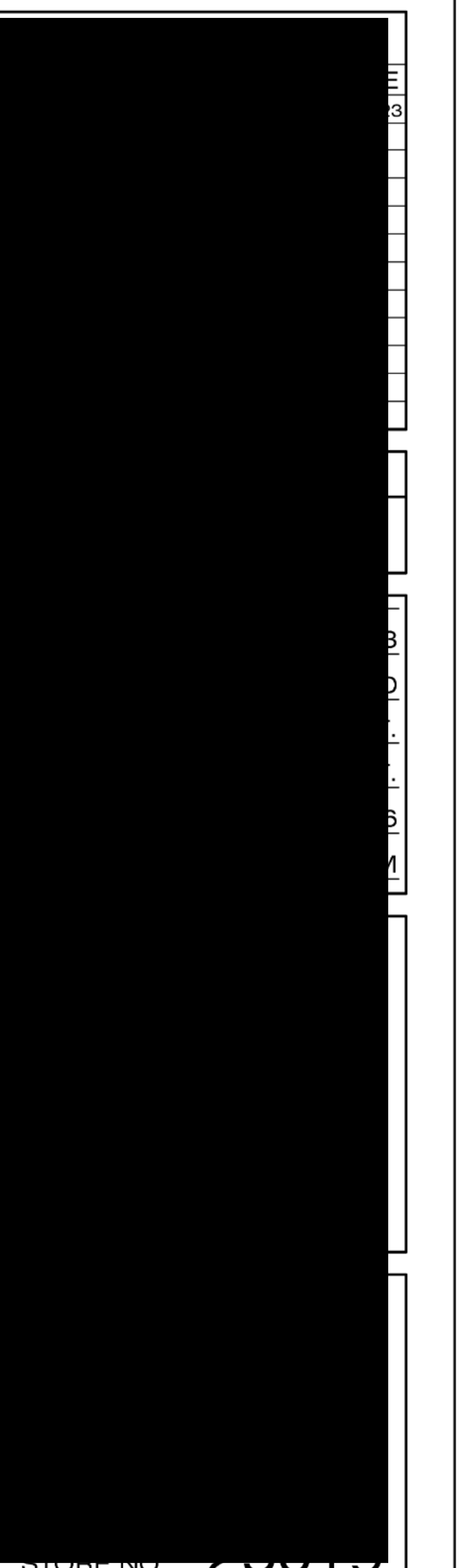
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SHEET TITLE
CEILING FIXTURE DETAILS
SHEET NO. **A6.1**
24 of 33

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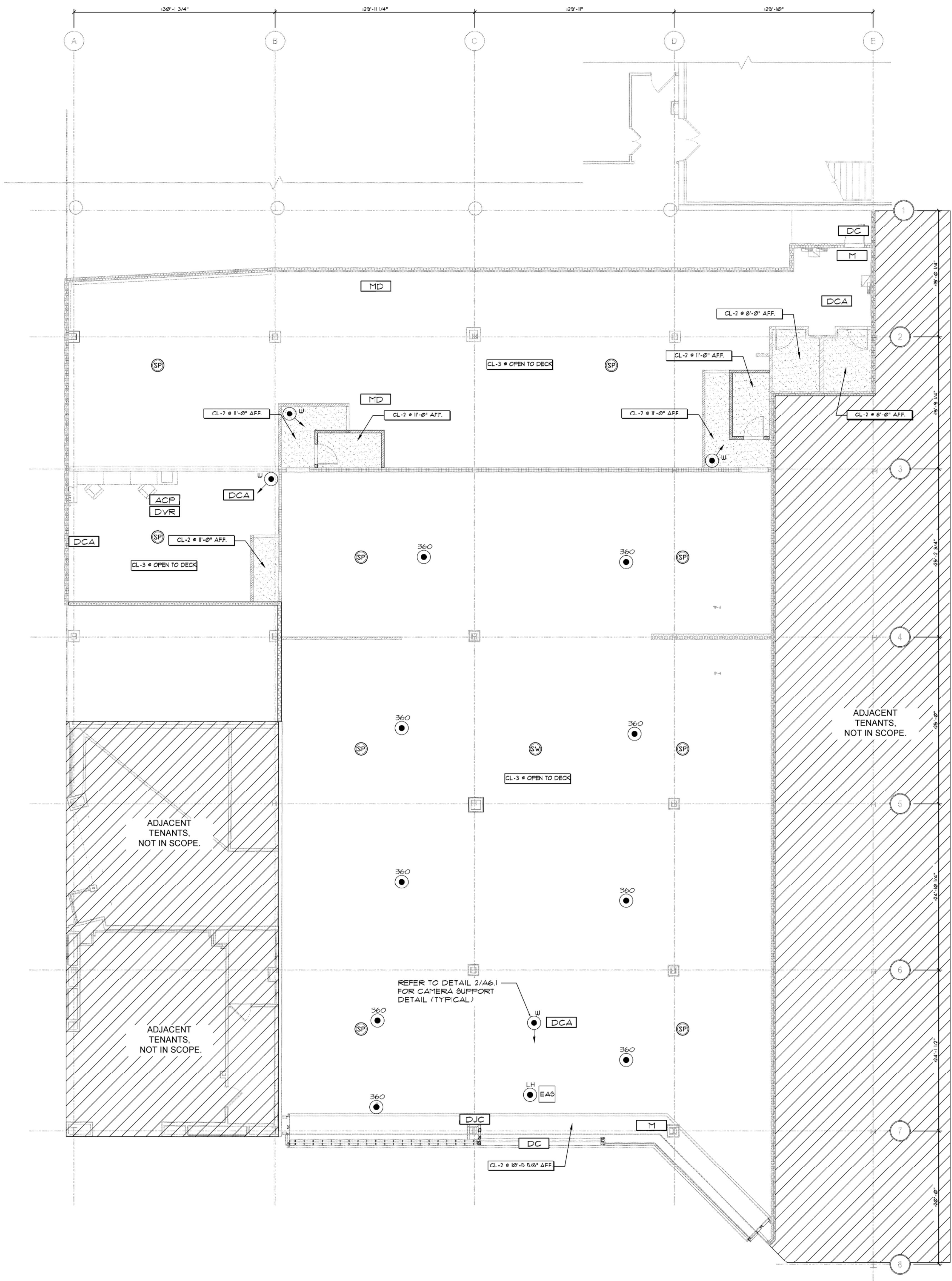
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SHEET TITLE
LOW VOLTAGE DESIGN INTENT
SHEET NO. **A6.2**
25 of 33

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CALLOUT	DESCRIPTION	CALLOUT	DESCRIPTION
[ACP]	ALARM CONTROL PANEL	[GSM]	CELL PHONE BACKUP
[KP]	KEYPAD	[DCA]	DOOR CAMERA
[DC]	DOOR CONTACT	[DJC]	DOOR JAMB CAMERA
[M]	MOTION DETECTOR	[MD]	MULTI-DIRECTIONAL
[HUB]	HOLD UP BUTTON	[SP]	AUDIO SPEAKER
[RH]	ROOF HATCH	[SW]	AUDIO SUBWOOFER
[S]	SIREN	[CCTV]	CCTV CAMERA
[C]	CAMERA	[LH]	LIGHTHAUS
[DVR]	DIGITAL VIDEO RECORDER		
[RDR]	READER		
[BLS]	BLUE LENS SIREN		
[360]	360 DEGREE CAMERA		
[GSM]	CELL PHONE BACKUP		

G.C. TO FURNISH AND INSTALL CONDUIT AND FULL WIRE TO ALL LOCATIONS AS REQUIRED BY RESPECTIVE VENDOR. CONFIRM REQUIREMENTS AND LOCATIONS WITH OWNER PRIOR TO BID.
LOW VOLTAGE DRAWING IS FOR REFERENCE ONLY. VENDOR TO COORDINATE WITH FL PM FOR FINAL DEVICE LOCATION BASED ON CONSTRUCTION DRAWINGS.



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CODES / STANDARDS

- THE CONSTRUCTION OF THIS STRUCTURE SHALL CONFORM TO THE BUILDING CODE DEFINED AS THE 2018 VIRGINIA EXISTING BUILDING CODE, AS ADOPTED WITH AMENDMENTS FROM INTERNATIONAL EXISTING BUILDING CODE 2018 (IBC 2018).
- THE CONSTRUCTION OF THIS STRUCTURE SHALL CONFORM TO THE AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE) - MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, 2016 EDITION (ASCE 7).

DESIGN CRITERIA

A. OCCUPANCY

RISK CATEGORY: III

B. DESIGN LOADS

DEAD LOADS	ACTUAL
FLOOR	ACTUAL
LIVE LOADS	
ROOF	20 PSF
FLOOR ON GRADE	100 PSF
UPPER FLOORS	75 PSF
SNOW LOADS	NA THIS SCOPE OF WORK
GROUND SNOW LOAD (Pg)	
WIND LOADS	NA THIS SCOPE OF WORK
BASIC WIND SPEED (V ULT)	
EARTHQUAKE DESIGN DATA	
SEISMIC IMPORTANCE FACTOR (I _e)	1.25
S _s	13.9%g
S ₁	4.3%g
SITE CLASS	D
SPECTRAL RESPONSE COEFFICIENTS	
C _s	0.144
C _d	0.070
SEISMIC DESIGN CATEGORY	B
LATERAL EARTH PRESSURE	NA
AT REST EARTH PRESSURE	NA
ACTIVE EARTH PRESSURE	NA

STRUCTURAL STEEL

A. STANDARDS

- AISC 303, "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS & BRIDGES"
- AISC 360, "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS"
- AISC 341, "SEISMIC PROVISIONS FOR STRUCTURAL STEEL BUILDINGS"
- RCSB'S "SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH-STRENGTH BOLTS"

B. STEEL MATERIALS

WIDE FLANGE AND WT SHAPES	ASTM A992 (50 KSI)
STANDARD (S) SHAPES	ASTM A36
ANGLES, CHANNELS AND PLATES	ASTM A36
HOLLOW STRUCTURAL SHAPES	ASTM A1085 (50 KSI)
STRUCTURAL PIPE	ASTM A53, GRADE B
ANCHOR RODS	ASTM F1554, GRADE 36
SHEAR/ANCHOR STUDS	ASTM A108
MANUAL ARC WELDING OF STUDS IS NOT PERMITTED	
DEFORMED ANCHORS	ASTM A498
BOLTS: HIGH STRENGTH	ASTM A325, TYPE 1
NUTS (PROVIDE (2) 3/4" DIA MINIMUM PER CONNECTION)	ASTM A305, GRADE C
HARDENED WASHERS	ASTM F436, TYPE 1
PLATE WASHERS	ASTM A36
WELD ELECTRODES	ER70XX (LOW HYDROGEN)

C. MATERIALS (CONTINUED)

- PROVIDE WASHERS FOR ALL CONNECTIONS THAT INCLUDE STANDARD, OVERSIZE AND SHORT-SLOTTED HOLES.
- 5/16" THICK MINIMUM STEEL PLATE WASHERS SHALL BE PROVIDED FOR ALL LONG-SLOTTED HOLES. PLATE WASHERS SHALL COMPLETELY COVER LONG-SLOTTED HOLES.
- ALL STRUCTURAL STEEL ELEMENTS AND CONNECTIONS THAT ARE PERMANENTLY EXPOSED TO THE WEATHER OR EMBEDDED IN CONCRETE SHALL BE HOT DIP GALVANIZED PER ASTM A153.
- WITH THE EXCEPTION OF CONTACT SURFACES FOR "SLIP-CRITICAL" CONNECTIONS AND STRUCTURAL STEEL TO BE EMBEDDED IN CONCRETE, ALL STRUCTURAL STEEL SHALL RECEIVE ONE COAT OF RUST-INHIBITIVE PRIMER AS SELECTED AND APPROVED BY THE OWNER WITH A MINIMUM 1.5 MILS DRY FILM THICKNESS. OMIT PRIMER ON STEEL SURFACES WHERE SPRAY-ON FIRE-PROOFING REQUIRES BARE STEEL.
- UNLESS OTHERWISE NOTED, ALL STEEL EXPOSED TO SOIL SHALL BE COATED WITH AN ASPHALTIC BASED CORROSION RESISTANT COATING.
- GROUT UNDER BEARING PLATES SHALL COMPLY WITH ASTM C1107 AND HAVE A COMPRESSIVE STRENGTH AT EXCEEDING THAT OF THE CONCRETE ON WHICH IS PLACED.
- WHERE F1554 GR 55 ANCHOR RODS ARE SPECIFIED IN PLANS, PROVIDE S1 SUPPLEMENT MATERIAL FOR WELDABILITY.

D. QUALITY ASSURANCE

- FABRICATOR QUALIFICATIONS: A QUALIFIED FABRICATOR THAT PARTICIPATES IN THE AISC QUALITY CERTIFICATION PROGRAM AND IS DESIGNATED AN AISC CERTIFIED PLANT, CATEGORY STD, OR IS ACCREDITED BY THE AISC FABRICATOR INSPECTION PROGRAM FOR STRUCTURAL STEEL (AC 172).
- INSTALLER QUALIFICATIONS: A QUALIFIED INSTALLER WHO PARTICIPATES IN THE AISC QUALITY CERTIFICATION PROGRAM AND IS DESIGNATED AN AISC-CERTIFIED ERECTOR.
- WELDING QUALIFICATIONS: QUALIFY PROCEDURES AND PERSONNEL ACCORDING TO AWS D1.1/D1.1M/D1.8 (SEISMIC) "STRUCTURAL WELDING CODE - STEEL."

E. EXECUTION

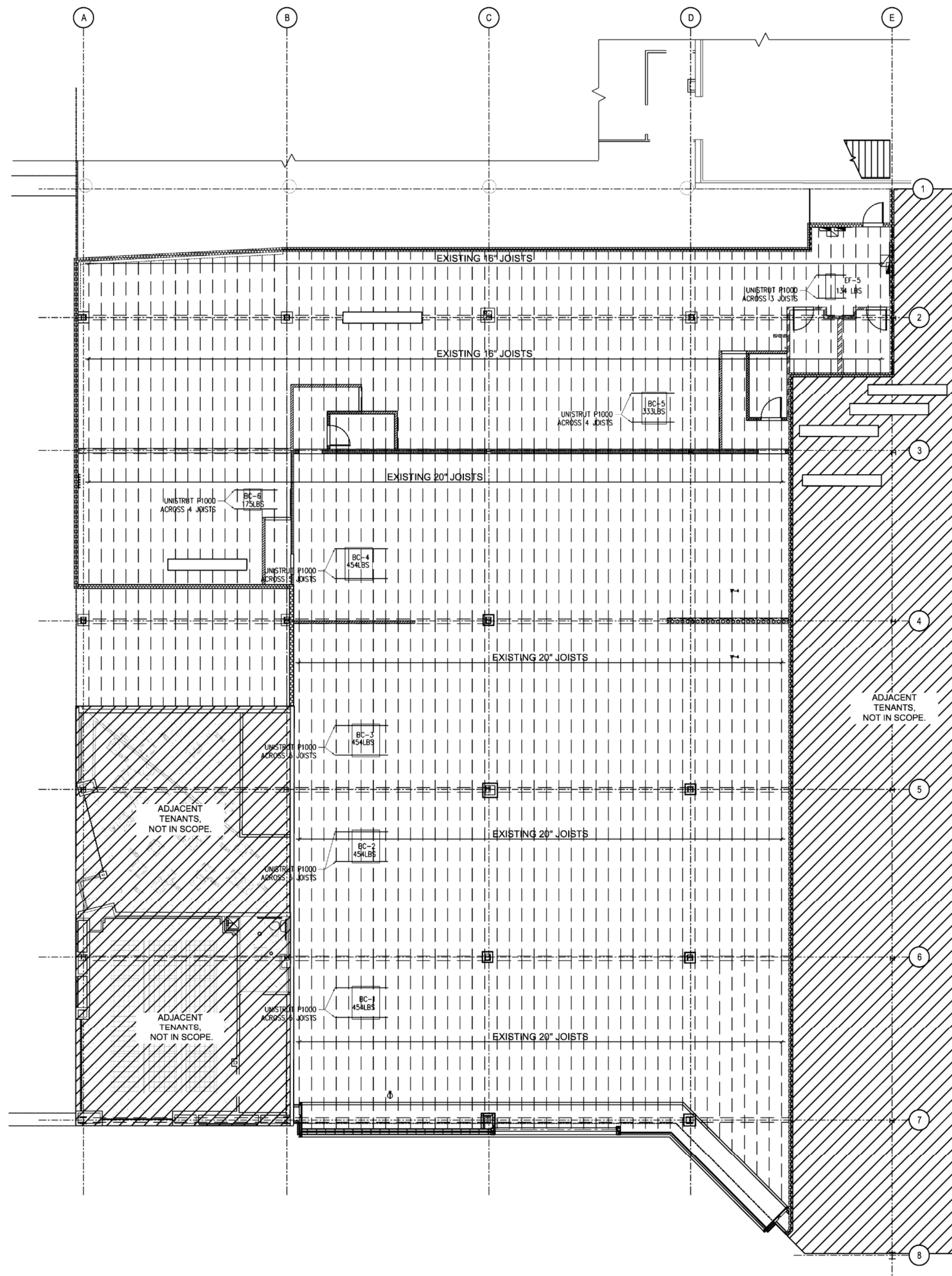
- FABRICATE AND ASSEMBLE STRUCTURAL STEEL MEMBERS AND ASSEMBLIES IN THE SHOP TO THE GREATEST EXTENT POSSIBLE. SHOP WELDING PROCEDURES SHALL BE PERFORMED AND SEQUENCED SO AS TO MINIMIZE WELD SHRINKAGE STRESSES AND DISTORTION OF THE MEMBERS.
- PROVIDE MINIMUM SIZE FILLET WELDS AND MINIMUM EFFECTIVE THROAT THICKNESSES OF PARTIAL PENETRATION GROOVE WELDS AS SPECIFIED BY SPECIFICATION SECTION 7.2 OF THE AISC MANUAL. DEVELOP THE FULL TENSILE STRENGTH OF THE MEMBERS JOINED ON ALL SHOP AND FIELD WELDS UNLESS NOTED OTHERWISE ON THE DESIGN DRAWINGS. ALL WELD LENGTHS ARE CONTINUOUS FOR THE FULL LENGTH OF THE MEMBERS UNLESS NOTED OTHERWISE ON THE DESIGN DRAWINGS.
- PROVIDE SIMPLE SHEAR CONNECTION FOR STRUCTURAL STEEL. CONNECTION NOT SPECIFIED OTHERWISE, UTILIZING HIGH STRENGTH BEARING BOLTS IN SINGLE OR DOUBLE SHEAR. PROVIDE DOUBLE ANGLE OR SINGLE PLATE SHEAR TAB BOLTED CONNECTIONS AT HSS COLUMNS PROVIDE SINGLE PLATE SHEAR TAB CONNECTIONS. EXTENDED SINGLE PLATE SHEAR TAB CONNECTIONS NOT PERMITTED.
- FINISH STEEL COLUMN ENDS TO FIT FLUSH WITH BASE AND CAP PLATES. FINISH BEAM ENDS TO FIT FLUSH WITH END PLATES. FIELD ASSEMBLY OF THESE PLATE ELEMENTS IS NOT PERMITTED.
- BRACE CONNECTIONS SHALL BE PROVIDED PER THE DETAILS SHOWN ON THE DESIGN DRAWINGS, WHERE FORCES ARE NOT INDICATED ON THE DESIGN DRAWINGS. DESIGN CONNECTIONS OF BRACING MEMBERS THAT DEVELOP THE FULL TENSILE STRENGTH OF THE MEMBERS. ALL GUSSET PLATE, ANGLE AND WELD SIZES SHALL BE DESIGNED TO RESIST ALL TENSILE, SHEAR AND MOMENT FORCES CAUSED BY CONCENTRIC AND ECCENTRIC LOADING CONDITIONS. ALL BOLTED CONNECTIONS FOR BRACING MEMBERS SHALL BE FULLY TENSIONED, UTILIZING HIGH STRENGTH CLASS A "SLIP-CRITICAL" BOLTS.

F. ERECTION

- USE PROCEDURES, INCLUDING TEMPORARY BRACES OR GUYS, AS REQUIRED AT ALL TIMES TO MAINTAIN SAFETY AND STABILITY OF THE STRUCTURE. TEMPORARY BRACING PROCEDURES IS THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL REMAIN IN PLACE PRIOR TO THE COMPLETE INSTALLATION OF ALL PERMANENT BRACING ELEMENTS AND SYSTEMS.
- FIELD CORRECTIONS AND GAS CUTTING OF FABRICATED STRUCTURAL STEEL MEMBERS IS NOT PERMITTED. SPlicing OF STRUCTURAL STEEL MEMBERS CAN NOT BE PERFORMED WITHOUT PRIOR APPROVAL OF THE SER.
- INSTALL GROUT UNDER COLUMN BASE PLATES AND BEARING PLATES IN STRICT ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS. FILL ENTIRE GROUT SPACE SO AS TO PROVIDE FULL PLATE BEARING.
- ALL STRUCTURAL STEEL SURFACES TO BE FIELD WELDED SHALL BE PREPARED AND CLEANED SO AS TO BE FREE OF ALL FOREIGN MATTER WITHIN ONE INCH MINIMUM OF THE WELD LINE. ERECTOR SHALL TOUCH UP ALL FIELD WELDS AND ABRASIONS WITH SHOP PRIMER FURNISHED BY THE FABRICATOR.

G. PROTECTION

- GALVANIZED SURFACES: CLEAN AREAS WHERE GALVANIZING IS DAMAGED OR MISSING AND REPAIR GALVANIZING TO COMPLY WITH ASTM A 780A 780M.
- TOUCH UP PAINTING: IMMEDIATELY AFTER ERECTION, CLEAN EXPOSED AREAS WHERE PRIMER IS DAMAGED OR MISSING AND PAINT WITH THE SAME MATERIAL, AS USED FOR SHOP PAINTING TO COMPLY WITH SSPC-PA 1 FOR TOUCHING UP SHOP-PAINTED SURFACES.



NOTES:

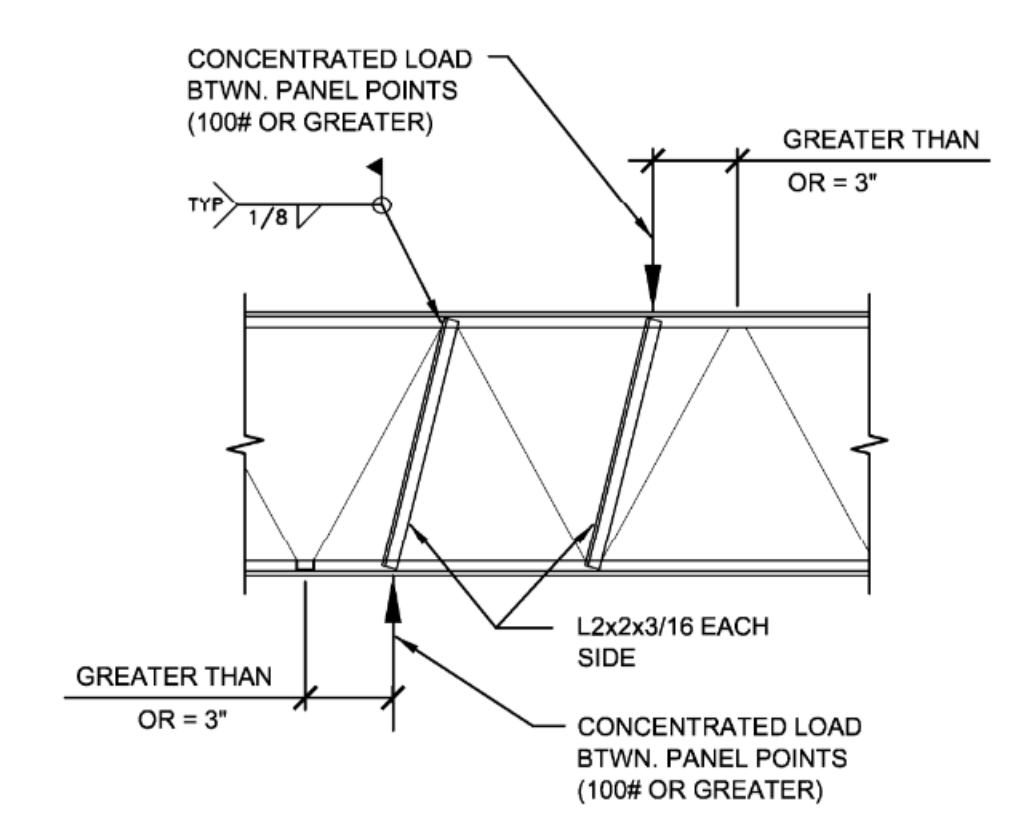
ALL UNISTRETS MUST RUN CONTINUOUS UNDER THE BOTTOM CHORDS OF JOISTS.

BOLT TO BTM CHORD OF JOISTS USING UNISTRETT HARDWARE. DO NOT DRILL OR OTHERWISE ALTER JOIST CHORDS.

PROVIDE JOIST REINFORCING FOR CONCENTRATED LOADS PER DETAIL.

WHERE NOT SPECIFIED IN THIS PLAN, OVERALL JOIST SPACING (CHORDS AND/OR WEBS) IS NOT REQUIRED.

1 ROOF PLAN
SCALE: 3/32" = 1'-0"
PLAN NORTH



2 JOIST REINFORCEMENT DETAIL
SCALE: 3/32" = 1'-0"

SHEET TITLE
STRUCTURAL NOTES, PLAN AND DETAIL
SHEET NO. S1.0
of

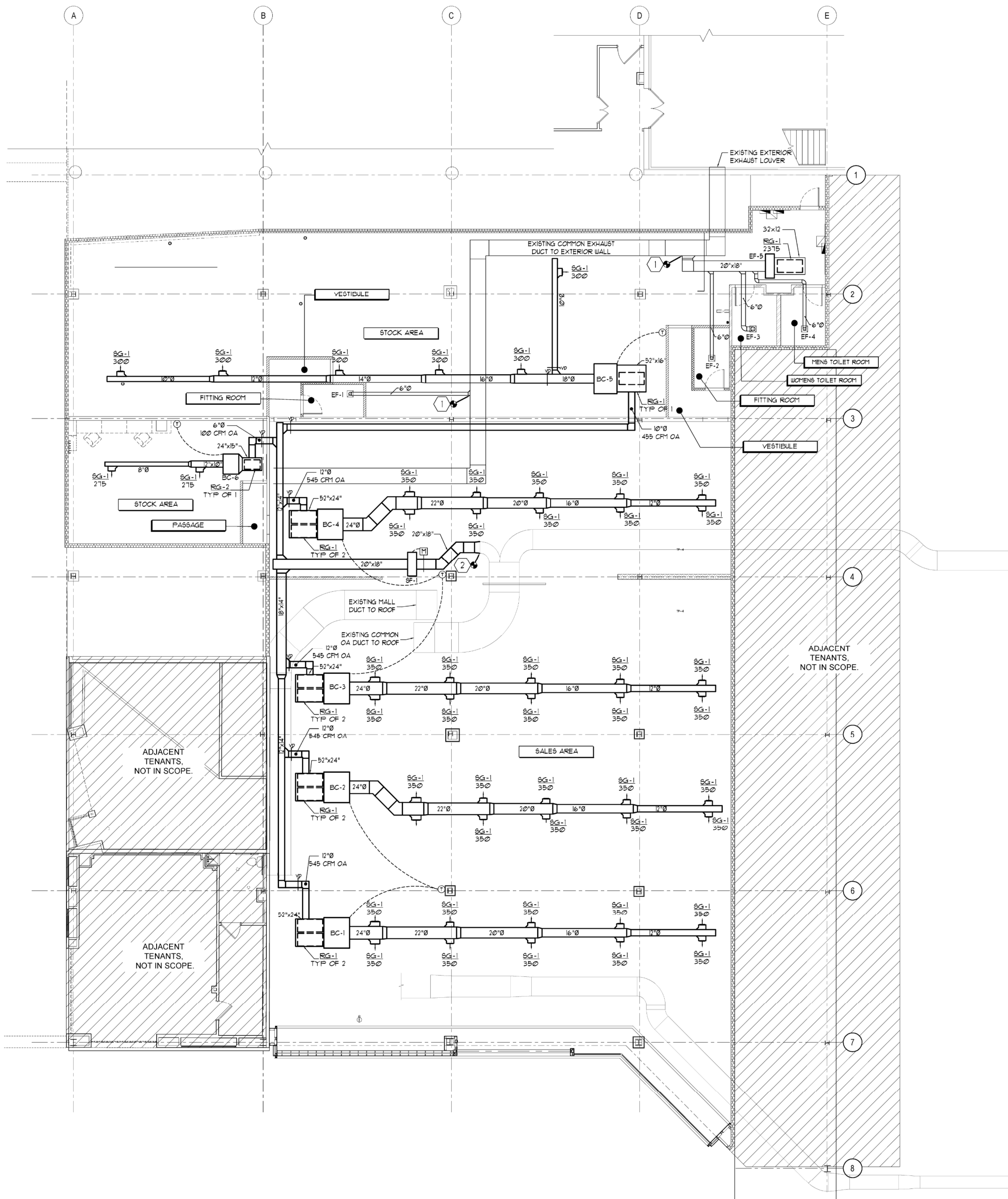
SEAL

COMMUNITY COLLEGE OF VIRGINIA
BRETT C. RYLANDS
Lic. No. 0402043506
PROFESSIONAL ENGINEER

This item has been digitally signed and sealed by Brett C. Rylands, PE on 8/2/2023 using a digital signature.

Printed copies of this document are not considered signed and sealed and the SHA authentication code must be verified on any electronic copies.

FL WB 2.0 PROTOTYPE - REV 1 08/27/21



- ① CONNECT TO EXISTING EXHAUST AIR DUCT.
- ② DEMOLISH EXISTING OUTSIDE AIR DUCT TO CONNECTION POINT INDICATED. CONNECT TO EXISTING OUTSIDE AIR DUCT. FIELD VERIFY EXACT LOCATION AND SIZE.

VERIFY ALL CONDITIONS IN THE FIELD BEFORE STARTING WORK.

3 MECHANICAL CODED NOTES

1. CONICAL BELLMOUTH FITTINGS WITH MANUAL BALANCING DAMPER TO BE USED FOR ALL ROUND BRANCH TAPS ABOVE ACCESSIBLE LAY-IN CEILINGS. CONICAL BELLMOUTH FITTINGS WITHOUT MANUAL BALANCING DAMPERS TO BE USED FOR ALL ROUND BRANCH TAPS ABOVE INACCESSIBLE DRYWALL CEILINGS WITH BALANCING REQUIRED WITHIN 2 FT. OF DIFFUSER WITH PLASTER FRAME.
2. ROUND RIGID SUPPLY AIR AND OUTSIDE AIR DUCTS SHALL BE INTERNALLY INSULATED WITH 1" THICK, 15 LBS. DENSITY INSULATION.
3. FLEX CONNECTIONS TO DIFFUSERS ARE INSULATED FLEX WITH A MAXIMUM LENGTH OF 5 FT.
4. MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL TRADES, LANDLORD REQUIREMENTS, CEILING HEIGHTS AND EXISTING STRUCTURAL CONDITIONS PRIOR TO FABRICATION OF ANY DUCTWORK OR ORDERING OF ANY EQUIPMENT.
5. PROVIDE TENANT WITH AS-BUILT DRAWINGS, ALL EQUIPMENT SHOP DRAWINGS, INFORMATION ON THERMOSTATS, CONTROL WIRING DIAGRAMS AND OTHER PERTINENT INFORMATION AT COMPLETION OF PROJECT.
6. PROVIDE AND INSTALL FIRE DAMPERS IN ANY EXISTING OR NEW DUCTWORK THAT PENETRATES A FIRE RATED PARTITION AS REQUIRED BY CODE NO FIBERGLASS OR FIBERBOARD DUCTWORK ALLOWED.
7. NO ATTACHMENT OF DUCT SUPPORTS, OR HANGERS TO DECK ARE PERMITTED. ALL MUST BE SUSPENDED FROM THE BEAMS OR JOISTS.
8. ALL REUSED MATERIAL AND EQUIPMENT MUST BE REFURBISHED TO "LIKE NEW" CONDITION. DOCUMENTATION WILL BE REQUIRED.
9. ALL DUCT DIMENSIONS ON DRAWING ARE NET FREE AREA.
10. NO COMBUSTIBLE MATERIALS OF ANY TYPE CAN BE ALLOWED ABOVE SUSPENDED CEILING.

2 MECHANICAL GENERAL NOTES

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	SUPPLY AIR DIFFUSER SHADING DENOTES BLANK-OFF		ROOF MOUNTED EQUIPMENT AS NOTED
	DUCT MOUNTED DIFFUSER		BROAN MODEL 1686 COMBINATION LIGHT/TOILET EXHAUST FAN
	RETURN AIR GRILLE OR DUCT		THERMOSTAT (S-DENOTES SENSOR)
	SUPPLY AIR DUCT RISE SIMILAR FOR RETURN AIR		TURNING VANES
	SUPPLY AIR DUCT DROP SIMILAR FOR RETURN AIR		DUCT TRANSITIONS
	SMOKE DAMPER (FD: FIRE DAMPER)		BRANCH DUCT 8PIN-IN FITTING AND VOLUME DAMPER
MC	MECHANICAL CONTRACTOR		1" UNDERCUT DOOR
EC	ELECTRICAL CONTRACTOR		CONNECT TO EXISTING
	RETURN MOUNTED DUCT SMOKE DETECTOR-IONIZATION TYPE		
	SUPPLY MOUNTED DUCT SMOKE DETECTOR-PHOTOELECTRIC TYPE		

4 SYMBOL SCHEDULE

1 MECHANICAL PLAN

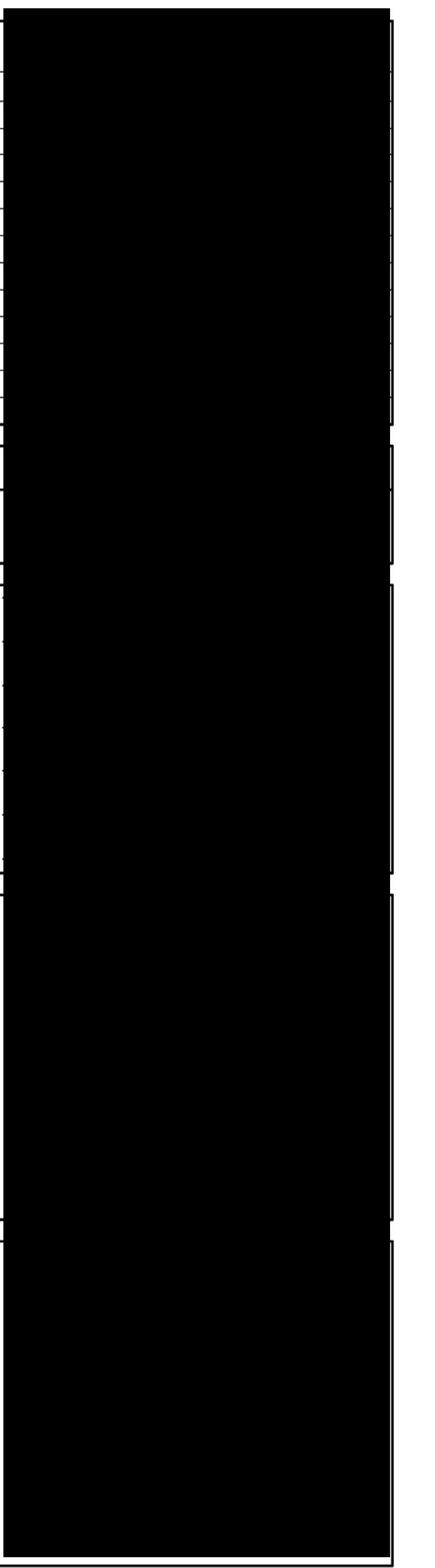
SCALE: 1/8" = 1'-0"

FOOT LOCKER, INC.

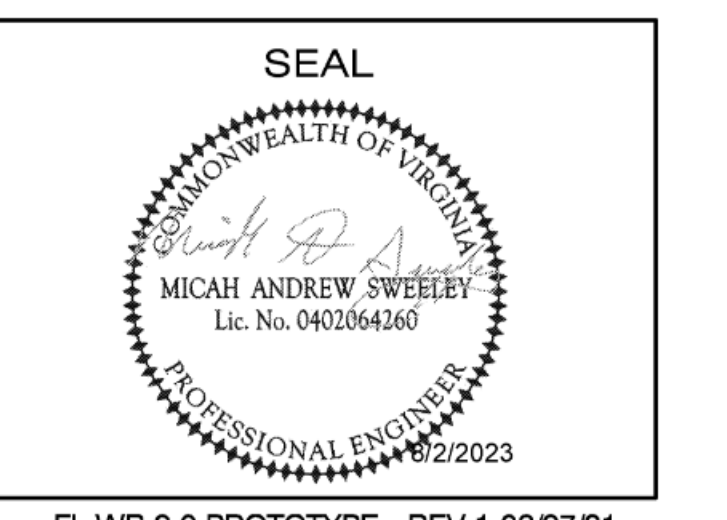
GLOBAL STORE DEVELOPMENT
330 WEST 34TH STREET
NEW YORK, NY 10001



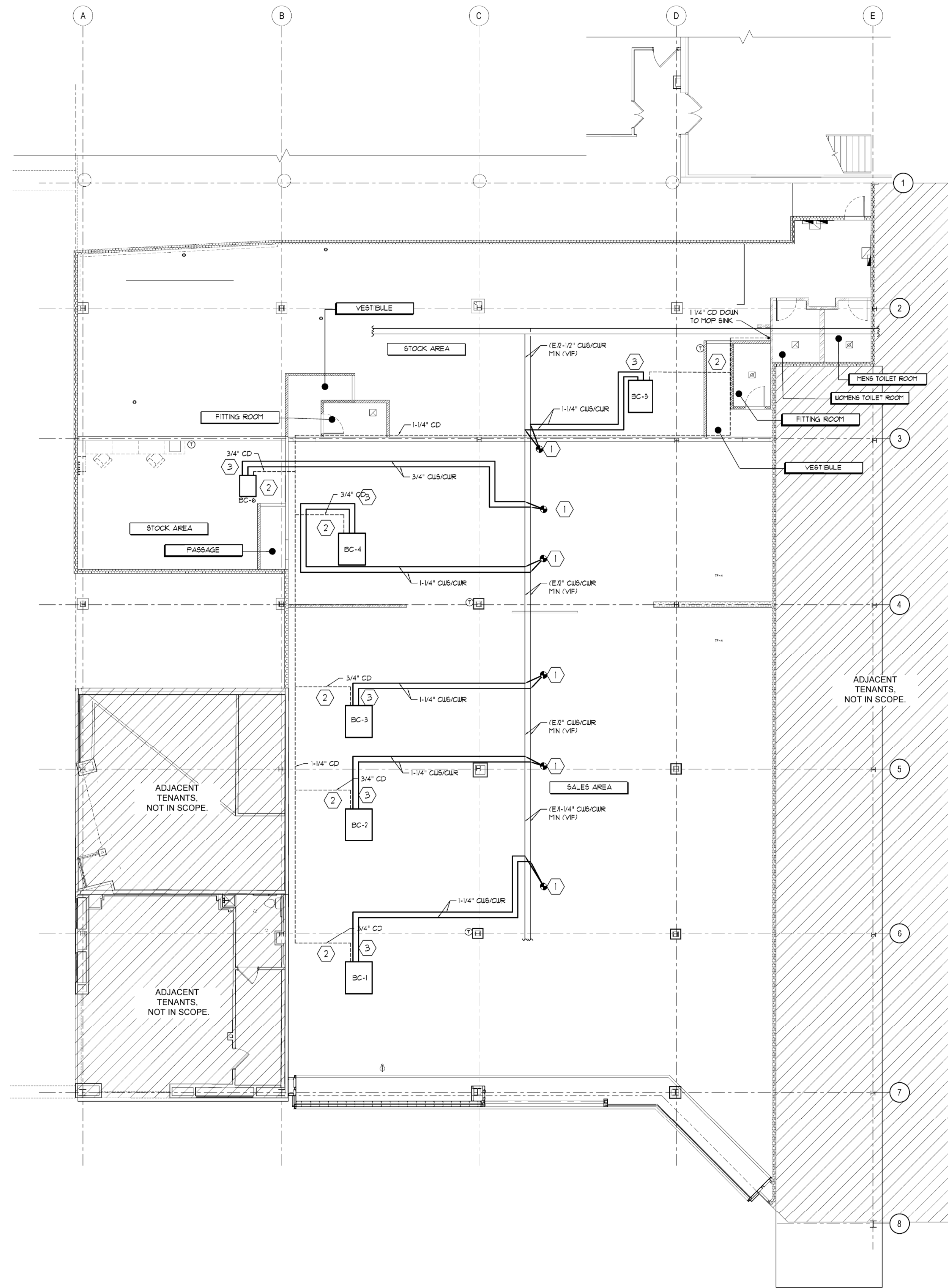
LDG Engineers and Architects, PC
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SHEET TITLE
MECHANICAL DUCT PLAN
SHEET NO. **M1.0**
X of X



FL WB 2.0 PROTOTYPE - REV 1 08/27/21



- ① CONNECT TO EXISTING CUS/CUR AT EXISTING TAKEOFF IF IT MEETS INDICATED SIZE OR PROVIDE NEW TAKEOFFS WITH SHUTOFF VALVES. FIELD VERIFY EXACT LOCATION AND EXISTING SIZES. ALL NEW CUS/CUR TAPS TO BE BY TYSON APPROVED CONTRACTOR. MECHANICAL AIR DESIGN, DAVE MURE 486483-9622.
- ② CONDENSATE PIPING TO HAVE A UNION WITHIN 18" OF BLOWER COIL. INSTALL A SECONDARY DRAIN PAN UNDER UNIT WITH CONDENSATE ALARM TO SHUTOFF UNIT IN EVENT OF CONDENSATE DETECTION.
- ③ TWO-WAY MODULATING CUS VALVE MUST BE PURCHASED THROUGH LANDLORD REQUIRED CONTROLS CONTRACTOR AND INSTALLED BY TENANT MECHANICAL CONTRACTOR.

VERIFY ALL CONDITIONS IN THE FIELD BEFORE STARTING WORK.

④ MECHANICAL CODED NOTES

MECHANICAL PIPING MATERIAL SCHEDULE		
PIPING SYSTEM	PIPE TYPE	MATERIAL STANDARD
CHILLED WATER ABOVEGROUND	TYPE L COPPER WITH SOLDER JOINTS OR PRESSURE SEALED JOINTS	ASTM B 15; ASTM B 88; ASTM F 441; ASTM F 1476; ASTM F 1548
CONDENSATE PIPING	TYPE L COPPER WITH SOLDER JOINTS OR PRESSURE SEALED JOINTS	ASTM B 15; ASTM B 88; ASTM F 441; ASTM F 1476; ASTM F 1548

PIPING INSULATION REQUIREMENTS - ASHRAE 90.1-2016							
TABLE 6.8.3 MINIMUM PIPE INSULATION THICKNESS							
FLUID OPERATING TEMPERATURE RANGE (°F)	INSULATION CONDUCTIVITY		MATERIAL STANDARD				
	CONDUCTIVITY (BTU-IN/(HFT ² ·°F))	MEAN RATING TEMPERATURE °F	< 1	1 TO < 1-1/2	1-1/2 TO < 4	4 TO < 8	> 8
40-60	0.21-0.21	75	0.5	0.5	1.0	1.0	1.0
105-140	0.22-0.28	100	1.0	1.0	1.5	1.5	1.5
141-200	0.25-0.25	125	1.5	1.5	2.0	2.0	2.0

NOTE: INSULATE ALL CHILLED WATER AND CONDENSATE PIPING WITH FIBERGLASS INSULATION MEETING MINIMUM CODE REQUIREMENT.

③ MECHANICAL PIPING SPECIFICATION

1. MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL TRADES, LANDLORD REQUIREMENTS, CEILING HEIGHTS AND EXISTING STRUCTURAL CONDITIONS PRIOR TO FABRICATION OF ANY DUCTWORK OR ORDERING OF ANY EQUIPMENT.
2. PROVIDE TENANT WITH AS-BUILT DRAWINGS, ALL EQUIPMENT SHOP DRAWINGS, INFORMATION ON THERMOSTATS, CONTROL WIRING DIAGRAMS AND OTHER PERTINENT INFORMATION AT COMPLETION OF PROJECT.

② MECHANICAL GENERAL NOTES

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
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	DUCT MOUNTED DIFFUSER		BROAN MODEL 686 COMBINATION LIGHT/ TOILET EXHAUST FAN
	RETURN AIR GRILLE OR DUCT		THERMOSTAT (S-DENOTES SENSOR)
	SUPPLY AIR DUCT RISE SIMILAR FOR RETURN AIR		TURNING VANES
	SUPPLY AIR DUCT DROP SIMILAR FOR RETURN AIR		DUCT TRANSITIONS
	SMOKE DAMPER (FD: FIRE DAMPER)		BRANCH DUCT 8PIN-IN FITTING AND VOLUME DAMPER
MC	MECHANICAL CONTRACTOR		1" UNDERCUT DOOR
EC	ELECTRICAL CONTRACTOR		CONNECT TO EXISTING
	RETURN MOUNTED DUCT SMOKE DETECTOR-IONIZATION TYPE		
	SUPPLY MOUNTED DUCT SMOKE DETECTOR-PHOTOELECTRIC TYPE		

④ SYMBOL SCHEDULE

① MECHANICAL PLAN

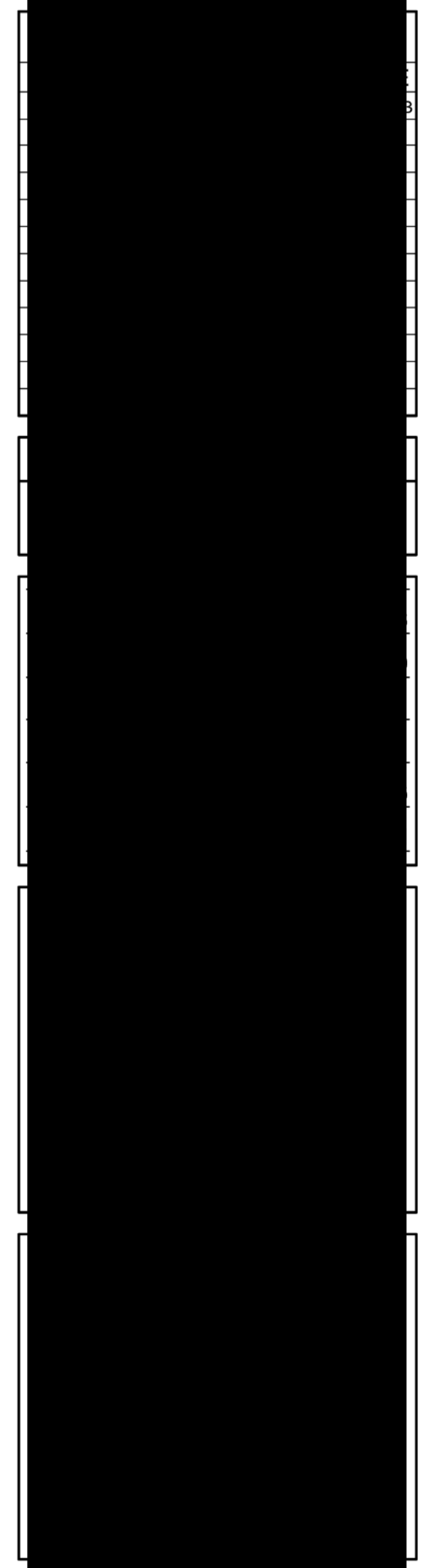
SCALE: 1/8" = 1'-0"

Foot Locker, Inc.

GLOBAL STORE DEVELOPMENT
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NEW YORK, NY 10001



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SHEET TITLE
MECHANICAL PIPING PLAN
SHEET NO. **M1.1**
X of X





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BLOWER COIL SEQUENCE OF OPERATION

SUPPLY FAN CONTROL:
THE CONSTANT SPEED SUPPLY FAN WILL BE STARTED BASED ON OCCUPANCY SCHEDULE. WHEN THE SUPPLY FAN STATUS INDICATES THE FAN STARTED, THE CONTROL SEQUENCE WILL BE ENABLED. UPON A LOSS OF AIRFLOW, THE SYSTEM WILL ATTEMPT TO AUTOMATICALLY RESTART UNTIL POSITIVE STATUS IS RECEIVED.

TEMPERATURE CONTROL:
THE DISCHARGE AIR TEMPERATURE SETPOINT WILL BE RESET AS THE ZONE TEMPERATURE CHANGES.

OCCUPIED MODE:
THE OCCUPANCY MODE WILL BE CONTROLLED VIA A NETWORK INPUT. THE OCCUPANCY MODE CAN ALSO BE OVERRIDDEN BY A NETWORK INPUT.

UNOCCUPIED MODE:
THE UNIT WILL REMAIN ON DURING UNOCCUPIED PERIODS. SUPPLY FAN WILL CYCLE ON-OFF AND COOLING AND REHEAT COIL CYCLED TO MAINTAIN UNOCCUPIED TEMPERATURE SETPOINT (MINIMUM 5°F DIFFERENTIAL).

COOLING COIL:
THE COOLING COIL WILL MODULATE TO MAINTAIN THE TEMPERATURE SETPOINT. UPON A LOSS OF AIRFLOW, THE REHEAT COIL WILL BE OFF.

REHEAT COIL:
THE REHEAT COIL WILL MODULATE TO MAINTAIN THE TEMPERATURE SETPOINT. UPON A LOSS OF AIRFLOW, THE REHEAT COIL WILL BE OFF.

DEHUMIDIFICATION:
ON A RISE IN THE ZONE HUMIDITY, THE COOLING COIL OUTPUT WILL BE OVERRIDDEN TO MAINTAIN THE ZONE HUMIDITY BELOW THE ZONE DEHUMIDIFICATION SETPOINT. THE REHEAT CONTROL WILL MAINTAIN THE TEMPERATURE AT SETPOINT.

BLOWER COIL POINTS LIST

POINT NAME	AI	AO	DI	DO
SUPPLY AIR TEMPERATURE SETPOINT	-	X	-	-
SUPPLY AIR TEMPERATURE	X	-	-	-
CHILLED WATER VALVE POSITION COMMAND	-	X	-	-
THERMOSTAT SETPOINT	-	X	-	-
THERMOSTAT TEMPERATURE	X	-	-	-
THERMOSTAT RH SETPOINT	-	X	-	-
THERMOSTAT HUMIDITY	X	-	-	-
RETURN AIR TEMPERATURE	X	-	-	-
MIXED AIR TEMPERATURE	X	-	-	-
BLOWER COIL STATUS (ON-OFF)	-	-	X	-
SUPPLY FAN ENABLE	-	-	-	X
SUPPLY FAN STATUS	-	-	X	-
ELECTRIC REHEAT ENABLE	-	-	-	X
ELECTRIC REHEAT STATUS	-	-	X	-

NOTE: ALL HVAC CONTROLS TO BE PROVIDED AND INSTALLED BY TYSONS CORNER APPROVED CONTRACTOR: Tim Penatzer tpenatzer@usblowers.com 671-383-7431

FAN POINTS LIST

POINT NAME	AI	AO	DI	DO
SF STATUS	-	-	X	-
SF START/STOP	-	-	-	X
OA DAMPER POSITION	-	-	X	-
SF SPEED	-	X	-	-
CO2 LEVEL	X	-	-	-
CO2 SETPOINT	-	X	-	-
EF-5 SPEED	-	X	-	-
EF-5 STATUS	-	-	X	-
EF-5 START/STOP	-	-	-	X

SF-1/EF-5 DCV SEQUENCE
WHEN OCCUPIED MODE IS ACTIVATED THE FRESH AIR DAMPER WILL OPEN 100 PERCENT TO ITS MAXIMUM AIR FLOW SETPOINT. FOLLOWING, THE SPACE CO2 SENSOR WILL MEASURE THE OCCUPIED AREA CO2 LEVEL AND WILL REDUCE THE OUTDOOR AIR FLOW TO MAINTAIN THE CO2 SETPOINT. THE CO2 SENSOR RANGE IS 0 TO 2000 PPM. DURING UNOCCUPIED MODE THE FRESH AIR DAMPER WILL CLOSE.

SF-1 AND EF-5 WILL OPERATE DURING OCCUPIED MODE AND DE-ENERGIZE DURING UNOCCUPIED HOURS. SF-1 AND EF-5 WILL MODULATE SPEEDS BASED ON CO2 DCV CONTROL.

CHILLED/HOT WATER BLOWER COIL

MARK	MANUF.	MODEL	SUPPLY FAN					CHILLED WATER COIL					ELECTRIC HEAT				COIL ORIENTATION	ELECTRICAL			WEIGHT (LBS)	NOTES/ACCESSORIES			
			CFM (TOTAL)	CFM (OA)	E.S.P. (\"WC)	T.SP. (\"WC)	HP	TOTAL (MBH)	SENSIBLE (MBH)	GPM	ENTERING TEMP	ΔT	EAT DB/WB	LAT DB/WB	PO FT H2O	HEATING CAPACITY (MBH)		KW	EAT	LAT			V/PH	MCA	MOCP
BC-1	TRANE	ECHE120	3500	545	0.5	1.852	3	1071.69	83.47	16.26	50	14	80/67	58.36/57.25	4.43	14.70	70	50	69.75	LEFT HAND	460/3	36.98	40	454	2\" MERV 8 FILTER
BC-2	TRANE	ECHE120	3500	545	0.5	1.852	3	1071.69	83.47	16.26	50	14	80/67	58.36/57.25	4.43	14.70	70	50	69.75	LEFT HAND	460/3	36.98	40	454	2\" MERV 8 FILTER
BC-3	TRANE	ECHE120	3500	545	0.5	1.852	3	1071.69	83.47	16.26	50	14	80/67	58.36/57.25	4.43	14.70	70	50	69.75	LEFT HAND	460/3	36.98	40	454	2\" MERV 8 FILTER
BC-4	TRANE	ECHE120	3500	545	0.5	1.852	3	1071.69	83.47	16.26	50	14	80/67	58.36/57.25	4.43	14.70	70	50	69.75	LEFT HAND	460/3	36.98	40	454	2\" MERV 8 FILTER
BC-5	TRANE	ECHE072	1800	455	0.5	1.469	1.5	56.31	42.92	8.55	50	14	80/67	58.36/57.13	3.13	37.84	10	50	69.45	RIGHT HAND	460/3	19.18	20	333	2\" MERV 8 FILTER
BC-6	TRANE	ECHE074	550	100	0.5	1.168	0.5	16.37	12.88	2.48	50	14	80/67	58.75/27.65	1.66	18.07	5	50	80.44	RIGHT HAND	460/3	9.15	15	175	2\" MERV 8 FILTER

6 CHILLED/HOT WATER BLOWER COIL

COMMISSIONING

- OWNER WILL HIRE INDEPENDENT COMMISSIONING AUTHORITY TO ENSURE SYSTEMS PERFORM INTERACTIVELY ACCORDING TO DESIGN INTENT AND OWNER'S OPERATIONAL NEEDS. CONTRACTORS TO WORK WITH COMMISSIONING AUTHORITY AS NEEDED FOR FUNCTIONAL AND PERFORMANCE TESTING, TRAINING, AND REQUIRED DOCUMENTATION.
- COMMISSIONING INTENT: COMMISSIONER WILL PERFORM WORK ACCORDING TO ASHRAE COMMISSIONING GUIDELINE OR ASHRAE GUIDELINE (I-THE HVAC COMMISSIONING PROCESS)
 - VERIFY EQUIPMENT AND SYSTEMS ARE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS, INDUSTRY ACCEPTED MINIMUM STANDARDS, AND CONTRACT DOCUMENTS.
 - VERIFY EQUIPMENT AND SYSTEMS RECEIVE ADEQUATE OPERATIONAL CHECKOUT BY CONTRACTOR.
 - VERIFY AND DOCUMENT PROPER PERFORMANCE OF EQUIPMENT AND SYSTEMS.
 - VERIFY COMPLETE OPERATION AND MAINTENANCE DOCUMENTATION IS DELIVERED TO OWNER.
 - VERIFY OWNER'S OPERATING PERSONNEL ARE ADEQUATELY TRAINED.
- EQUIPMENT AND SYSTEMS TO BE COMMISSIONED:
 - HVAC SYSTEMS
 - CONTROLS SYSTEMS
- CA TO SUBMIT ONE DIGITAL AND HARD COPY EACH OF FINAL COMMISSIONING REPORT TO OWNER AND ENGINEER.

5 COMMISSIONING

VENTILATION CALCULATION TABLE

ROOM	AREA (SQ FT)	PERSON LOAD	OCCUPANT DENSITY (PEOPLE / 1,000 SQ FT)	IMC 2018		AIR EFFECTIVENESS (Ez)	EXHAUST REQ'D	EXHAUST PROVIDED	OA (Vbz)	SUPPLY AIR PROVIDED (Vbz)	OCCUPANCY CLASSIFICATION	
				MIN CFM/PERSON	MIN OA/SQ.FT.							
CORRIDOR	80	0.0	0	0	0.06	0.8	0	0	6	50	CORRIDOR	
FITTING ROOMS	103	0.0	0	0	0	0.8	26	100	0	0	FITTING ROOM	
SALES	7458	111.9	15	7.5	0.12	0.8	0	0	2167	14000	SALES	
STOCK ROOM	614	0.0	0	0	0.12	0.8	0	0	92	550	STORAGE	
STOCK ROOM	3015	0.0	0	0	0.12	0.8	0	0	452	1700	STORAGE	
RR	138	0.0	0	0	0	0.8	140	150	0	50	RR	
DEMAND CONTROLLED VENTILATION:				YES	TOTALS		166	250	2718	16350		
MIN OA = OA/SQ.FT SUBTOTAL:				1669								

4 VENTILATION SCHEDULE

GRILLE, REGISTER, & DIFFUSER SCHEDULE

TAG	MANUF.	MODEL	MATERIAL	DEVICE SIZE	MOUNTING	TYPE	DAMPER IN NECK	REMARKS
GG-1	TITUS	30RRL	STEEL	18\"x8"	DUCT	SUPPLY	---	---
RG-1	TITUS	35BRL	STEEL	48\"x24"	SURFACE	RETURN	---	---
RG-2	TITUS	350RRL	STEEL	24\"x24"	SURFACE	RETURN	---	---

3 AIR DEVICE SCHEDULE

OUTDOOR AIR SCHEDULE

LL SPECIFIED		
SUMMER	93°F DB	78°F WB
WINTER	10°F	

- NOTES:
1. FAN SHALL BE MOUNTED IN CEILING WITH VIBRATION ISOLATORS.
2. FAN SHALL BE CONTROLLED BY THE TOILET ROOM LIGHT SWITCH.

2 OUTDOOR AIR SCHEDULE

EXHAUST FAN SCHEDULE

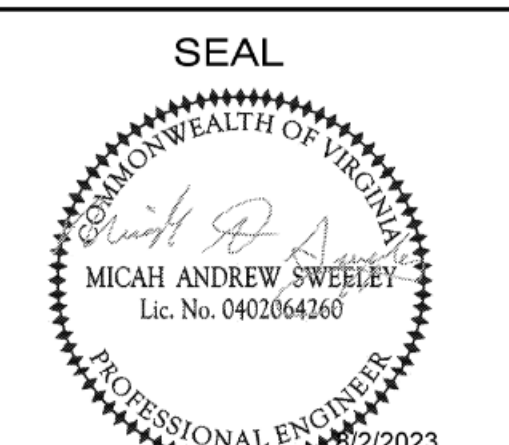
TAG	LOCATION	CFM	SP (IN WC)	AMPS	DRIVE	V/PH/Hz	MANUF.	MODEL	NOTES
EF-1	FITTING ROOM	50	0.25	1.0	DIRECT	120/1/60	PANASONIC FV-05-11VKL2		1
EF-2	FITTING ROOM	50	0.25	1.0	DIRECT	120/1/60	PANASONIC FV-05-11VKL2		1
EF-3	WOMENS TOILET ROOM	75	0.25	1.0	DIRECT	120/1/60	PROVIDED WITH TENANT LIGHTING PACKAGE		1-2
EF-4	MENS TOILET ROOM	75	0.25	1.0	DIRECT	120/1/60	PROVIDED WITH TENANT LIGHTING PACKAGE		1-2
EF-5	STOCK AREA	2375	0.75	9	DIRECT	208/1/60	GREENHECK CSP-A3300-VG		1
EF-1	SALES ROOM	2825	0.75	9	DIRECT	208/1/60	GREENHECK CSP-A3300-VG		1

- NOTES:
1. FAN SHALL BE MOUNTED IN CEILING WITH VIBRATION ISOLATORS.
2. FAN SHALL BE CONTROLLED BY THE TOILET ROOM LIGHT SWITCH.

1 FAN SCHEDULE

SHEET TITLE
MECHANICAL SCHEDULES

SHEET NO. **M2.0**
X of X



Air System Information
 Air System Name: BC 1-4 SALES COMBINED
 Equipment Class: CW AHU
 Air System Type: CAV/RH
 Number of zones: 1
 Floor Area: 7458.0 ft²
 Location: Washington, Dist. of Columbia

Sizing Calculation Information
 Calculation Months: Jan to Dec
 Sizing Data: Calculated
 Zone CFM Sizing: Sum of space airflow rates
 Space CFM Sizing: Individual peak space loads

Central Cooling Coil Sizing Data **COOLING LOAD**

Total coil load	33.5 Tons	Load occurs at	Jul 1500
Sensible coil load	492.0 MBH	OA DB / WB	93.0 / 78.0 °F
Coil CFM at Jul 1500	236.7 MBH	Entering DB / WB	76.1 / 65.0 °F
Max block CFM	14000 CFM	Leaving DB / WB	56.4 / 55.4 °F
Sum of peak zone CFM	14000 CFM	Coil ADP	54.2 °F
Sensible heat ratio	0.738	Bypass Factor	0.100
CFM/Ton	417.9	Resulting RH	55 %
RT/Ton	222.6	Design supply temp.	65.4 °F
BTU/(hr-ft ²)	53.9	Zone T-stat Check	1 of 1 OK
Water flow @ 10.0 °F rise	80.45 gpm	Max zone temperature deviation	0.0 °F

Central Heating Coil Sizing Data

Max coil load	122.7 MBH	Load occurs at	Oct 2200
Coil CFM at Oct 2200	14000 CFM	BTU/(hr-ft ²)	16.5
Max coil CFM	14000 CFM	Ent. DB / Lvg DB	58.8 / 63.9 °F
Water flow @ 20.0 °F drop	N/A		

Supply Fan Sizing Data

Actual max CFM	14000 CFM	Fan motor BHP	3.05 BHP
Standard CFM	13967 CFM	Fan motor kW	6.39 kW
Actual max CFM/ft ²	1.88 CFM/ft ²	Fan static	2.10 in wg

Outdoor Ventilation Air Data

Design airflow CFM	2175 CFM	CFM/person	19.42 CFM/person
CFM/ft ²	0.29 CFM/ft ²		

Air System Information
 Air System Name: BC 1-4 SALES COMBINED
 Equipment Class: CW AHU
 Air System Type: CAV/RH
 Number of zones: 1
 Floor Area: 7458.0 ft²
 Location: Washington, Dist. of Columbia

Sizing Calculation Information
 Calculation Months: Jan to Dec
 Sizing Data: Calculated
 Zone CFM Sizing: Sum of space airflow rates
 Space CFM Sizing: Individual peak space loads

Zone Terminal Sizing Data

Zone Name	Design Supply Airflow (CFM)	Minimum Supply Airflow (CFM)	Zone CFM/ft ²	Reheat Coil Load (MBH)	Reheat Coil Water gpm @ 20.0 °F	Zone Htg Unit Coil Load (MBH)	Zone Htg Unit Water gpm @ 20.0 °F	Mixing Box Fan Airflow (CFM)
Zone 1	14000	14000	1.88	236.3	-	0.0	0.00	0

Zone Peak Sensible Loads

Zone Name	Zone Cooling Sensible (MBH)	Time of Peak Sensible Cooling Load	Zone Heating Load (MBH)	Zone Floor Area (ft ²)
Zone 1	100.2	Jan 2300	0.0	7458.0

Space Loads and Airflows

Zone Name / Space Name	Mult.	Cooling Sensible (MBH)	Time of Peak Sensible Load	Air Flow (CFM)	Heating Load (MBH)	Floor Area (ft ²)	Space CFM/ft ²
Zone 1							
SALES	1	100.2	Jan 2300	14000	0.0	7458.0	1.88

Air System Information
 Air System Name: BC-5 STORAGE BOH
 Equipment Class: CW AHU
 Air System Type: CAV/RH
 Number of zones: 1
 Floor Area: 3335.0 ft²
 Location: Washington, Dist. of Columbia

Sizing Calculation Information
 Calculation Months: Jan to Dec
 Sizing Data: Calculated
 Zone CFM Sizing: Sum of space airflow rates
 Space CFM Sizing: Individual peak space loads

Central Cooling Coil Sizing Data **COOLING LOAD**

Total coil load	4.6 Tons	Load occurs at	Jul 1500
Sensible coil load	55.3 MBH	OA DB / WB	93.0 / 78.0 °F
Coil CFM at Jul 1500	39.4 MBH	Entering DB / WB	79.1 / 67.8 °F
Max block CFM	1800 CFM	Leaving DB / WB	58.8 / 57.8 °F
Sum of peak zone CFM	1800 CFM	Coil ADP	56.5 °F
Sensible heat ratio	0.711	Bypass Factor	0.100
CFM/Ton	390.4	Resulting RH	55 %
RT/Ton	723.3	Design supply temp.	66.7 °F
BTU/(hr-ft ²)	16.6	Zone T-stat Check	1 of 1 OK
Water flow @ 14.0 °F rise	7.91 gpm	Max zone temperature deviation	0.0 °F

Central Heating Coil Sizing Data

Max coil load	15.5 MBH	Load occurs at	Oct 2200
Coil CFM at Oct 2200	1800 CFM	BTU/(hr-ft ²)	4.6
Max coil CFM	1800 CFM	Ent. DB / Lvg DB	58.2 / 66.2 °F
Water flow @ 20.0 °F drop	N/A		

Supply Fan Sizing Data

Actual max CFM	1800 CFM	Fan motor BHP	0.85 BHP
Standard CFM	1796 CFM	Fan motor kW	0.87 kW
Actual max CFM/ft ²	0.54 CFM/ft ²	Fan static	1.72 in wg

Outdoor Ventilation Air Data

Design airflow CFM	460 CFM	CFM/person	0.00 CFM/person
CFM/ft ²	0.14 CFM/ft ²		

Air System Information
 Air System Name: BC-5 STORAGE BOH
 Equipment Class: CW AHU
 Air System Type: CAV/RH
 Number of zones: 1
 Floor Area: 3335.0 ft²
 Location: Washington, Dist. of Columbia

Sizing Calculation Information
 Calculation Months: Jan to Dec
 Sizing Data: Calculated
 Zone CFM Sizing: Sum of space airflow rates
 Space CFM Sizing: Individual peak space loads

Zone Terminal Sizing Data

Zone Name	Design Supply Airflow (CFM)	Minimum Supply Airflow (CFM)	Zone CFM/ft ²	Reheat Coil Load (MBH)	Reheat Coil Water gpm @ 20.0 °F	Zone Htg Unit Coil Load (MBH)	Zone Htg Unit Water gpm @ 20.0 °F	Mixing Box Fan Airflow (CFM)
Zone 1	1800	1800	0.54	35.5	-	0.0	0.00	0

Zone Peak Sensible Loads

Zone Name	Zone Cooling Sensible (MBH)	Time of Peak Sensible Cooling Load	Zone Heating Load (MBH)	Zone Floor Area (ft ²)
Zone 1	10.3	Jan 2300	0.0	3335.0

Space Loads and Airflows

Zone Name / Space Name	Mult.	Cooling Sensible (MBH)	Time of Peak Sensible Load	Air Flow (CFM)	Heating Load (MBH)	Floor Area (ft ²)	Space CFM/ft ²
Zone 1							
BOH STORAGE	1	9.0	Jan 2300	1589	0.0	3014.0	0.53
CORRIDOR	1	0.3	Jan 2300	53	0.0	80.0	0.66
FITTING ROOMS	1	0.4	Jan 2300	68	0.0	103.0	0.66
RESTROOM	1	0.5	Jan 2300	91	0.0	138.0	0.66

Air System Information
 Air System Name: BC-6 STORAGE/OFFICE
 Equipment Class: CW AHU
 Air System Type: CAV/RH
 Number of zones: 1
 Floor Area: 614.0 ft²
 Location: Washington, Dist. of Columbia

Sizing Calculation Information
 Calculation Months: Jan to Dec
 Sizing Data: Calculated
 Zone CFM Sizing: Sum of space airflow rates
 Space CFM Sizing: Individual peak space loads

Central Cooling Coil Sizing Data **COOLING LOAD**

Total coil load	1.4 Tons	Load occurs at	Jul 1500
Sensible coil load	16.3 MBH	OA DB / WB	93.0 / 78.0 °F
Coil CFM at Jul 1500	11.8 MBH	Entering DB / WB	77.2 / 66.0 °F
Max block CFM	550 CFM	Leaving DB / WB	57.2 / 56.2 °F
Sum of peak zone CFM	550 CFM	Coil ADP	55.0 °F
Sensible heat ratio	0.726	Bypass Factor	0.100
CFM/Ton	404.9	Resulting RH	55 %
RT/Ton	452.0	Design supply temp.	65.9 °F
BTU/(hr-ft ²)	26.5	Zone T-stat Check	1 of 1 OK
Water flow @ 14.0 °F rise	2.33 gpm	Max zone temperature deviation	0.0 °F

Central Heating Coil Sizing Data

Max coil load	5.0 MBH	Load occurs at	Oct 2200
Coil CFM at Oct 2200	550 CFM	BTU/(hr-ft ²)	8.2
Max coil CFM	550 CFM	Ent. DB / Lvg DB	56.5 / 64.9 °F
Water flow @ 20.0 °F drop	N/A		

Supply Fan Sizing Data

Actual max CFM	550 CFM	Fan motor BHP	0.21 BHP
Standard CFM	549 CFM	Fan motor kW	0.17 kW
Actual max CFM/ft ²	0.90 CFM/ft ²	Fan static	1.42 in wg

Outdoor Ventilation Air Data

Design airflow CFM	100 CFM	CFM/person	33.33 CFM/person
CFM/ft ²	0.16 CFM/ft ²		

Air System Information
 Air System Name: BC-6 STORAGE/OFFICE
 Equipment Class: CW AHU
 Air System Type: CAV/RH
 Number of zones: 1
 Floor Area: 614.0 ft²
 Location: Washington, Dist. of Columbia

Sizing Calculation Information
 Calculation Months: Jan to Dec
 Sizing Data: Calculated
 Zone CFM Sizing: Sum of space airflow rates
 Space CFM Sizing: Individual peak space loads

Zone Terminal Sizing Data

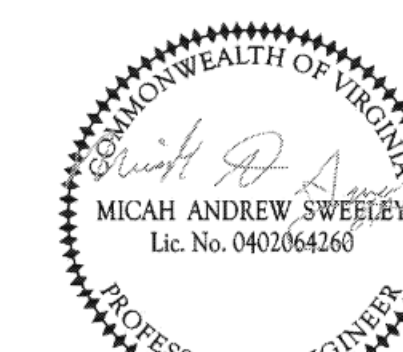
Zone Name	Design Supply Airflow (CFM)	Minimum Supply Airflow (CFM)	Zone CFM/ft ²	Reheat Coil Load (MBH)	Reheat Coil Water gpm @ 20.0 °F	Zone Htg Unit Coil Load (MBH)	Zone Htg Unit Water gpm @ 20.0 °F	Mixing Box Fan Airflow (CFM)
Zone 1	550	550	0.90	10.1	-	0.0	0.00	0

Zone Peak Sensible Loads

Zone Name	Zone Cooling Sensible (MBH)	Time of Peak Sensible Cooling Load	Zone Heating Load (MBH)	Zone Floor Area (ft ²)
Zone 1	3.6	Jan 2300	0.0	614.0

Space Loads and Airflows

Zone Name / Space Name	Mult.	Cooling Sensible (MBH)	Time of Peak Sensible Load	Air Flow (CFM)	Heating Load (MBH)	Floor Area (ft ²)	Space CFM/ft ²
Zone 1							
STORAGE/OFFICE	1	3.6	Jan 2300	550	0.0	614.0	0.90





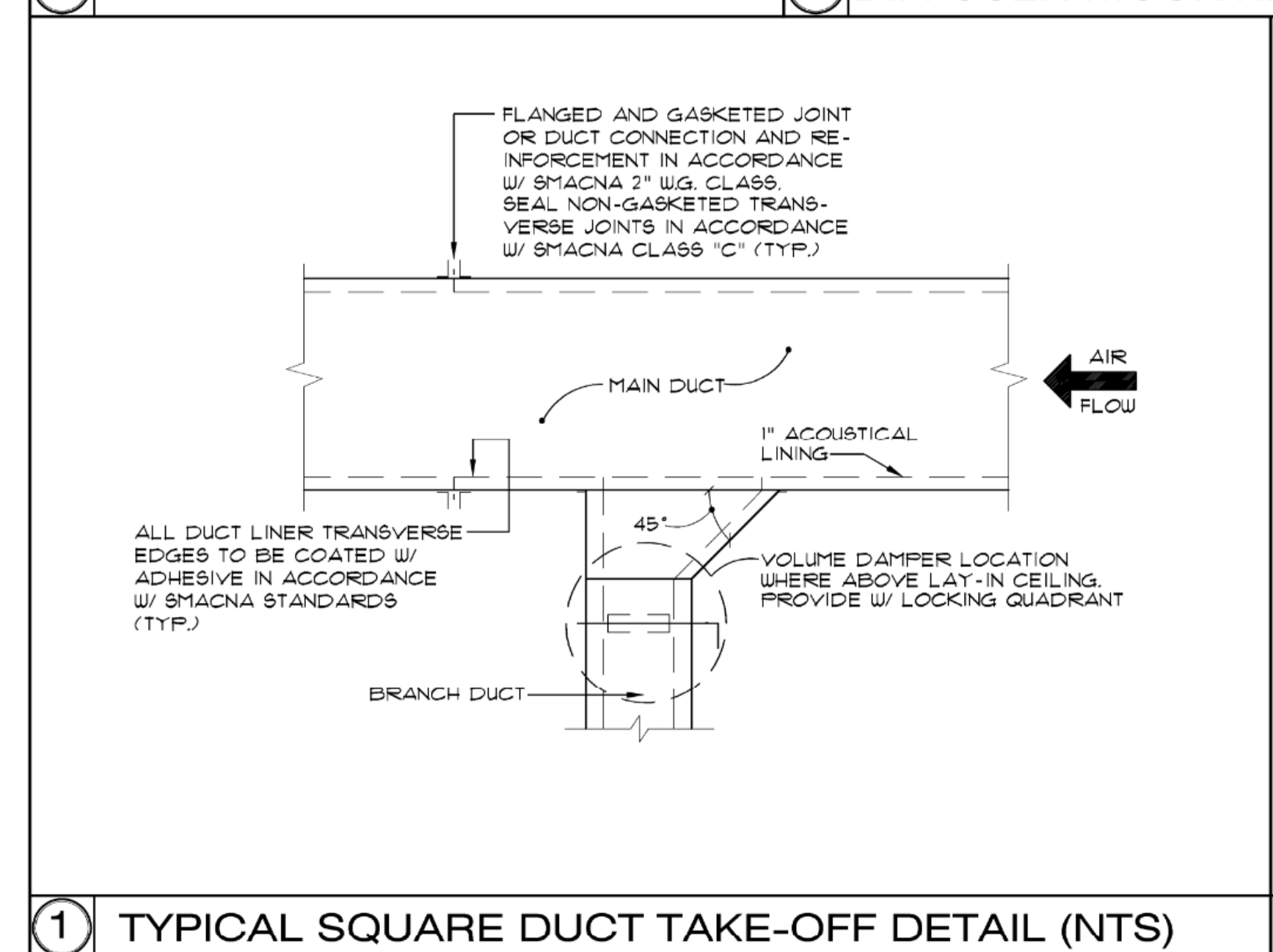
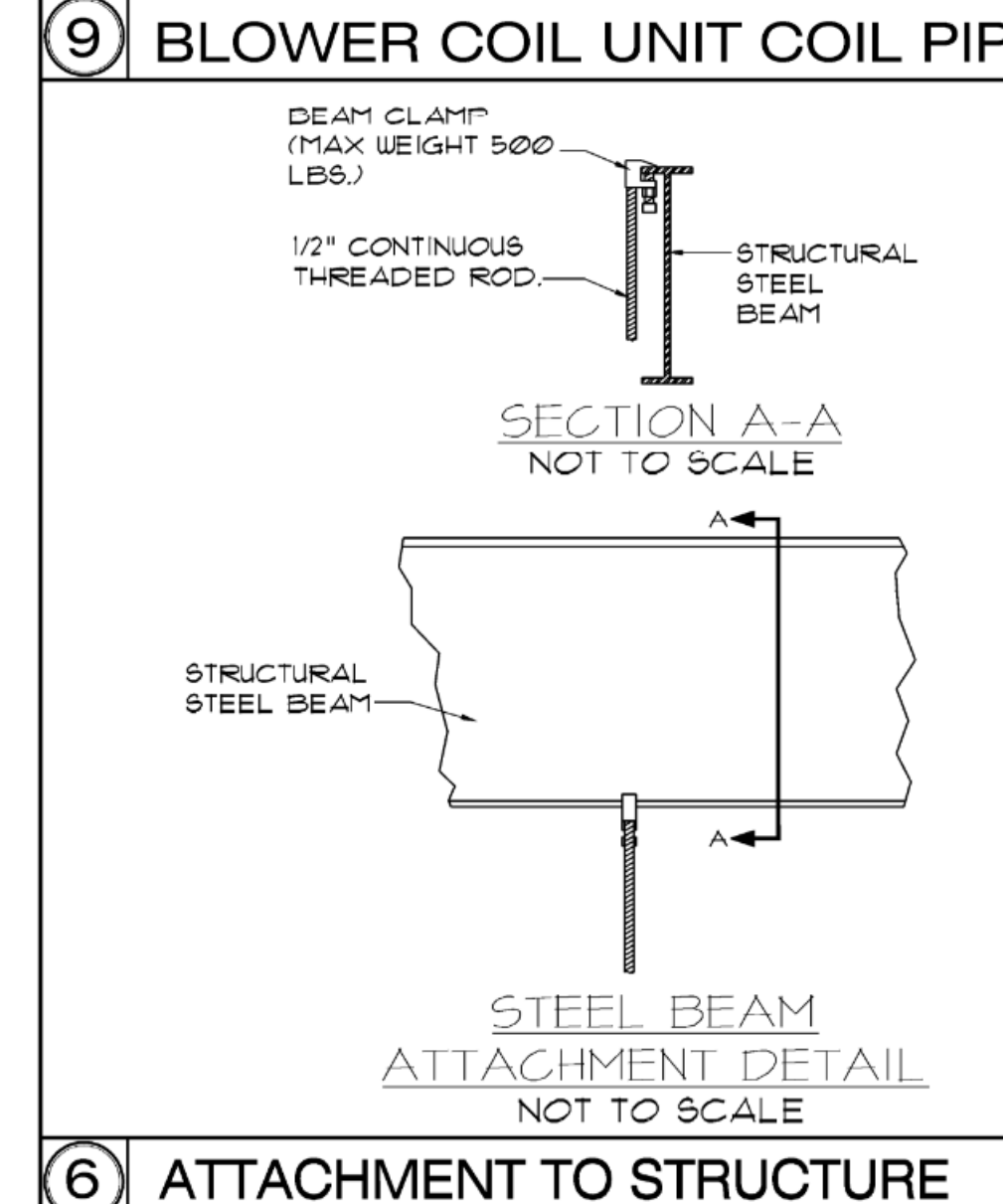
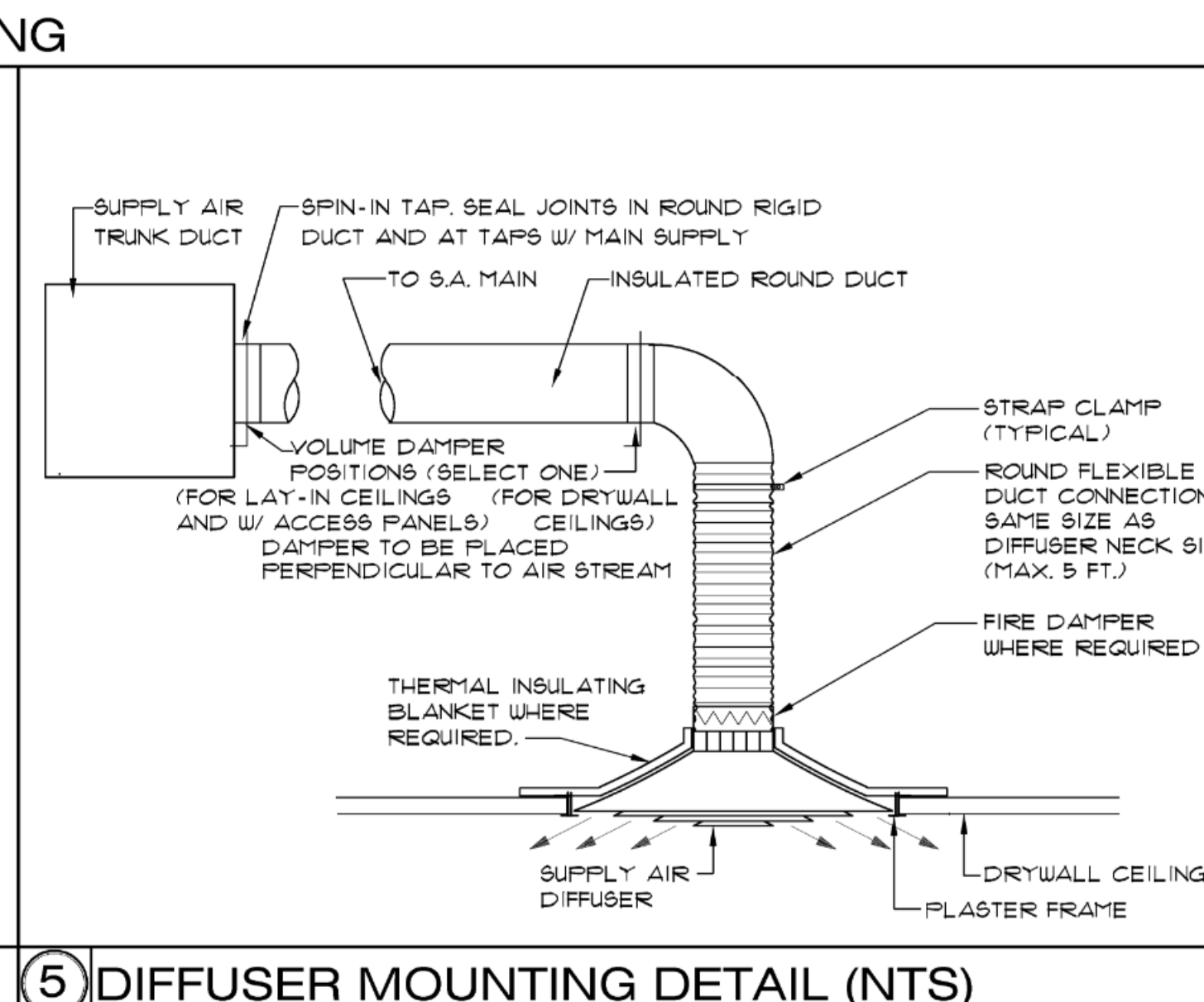
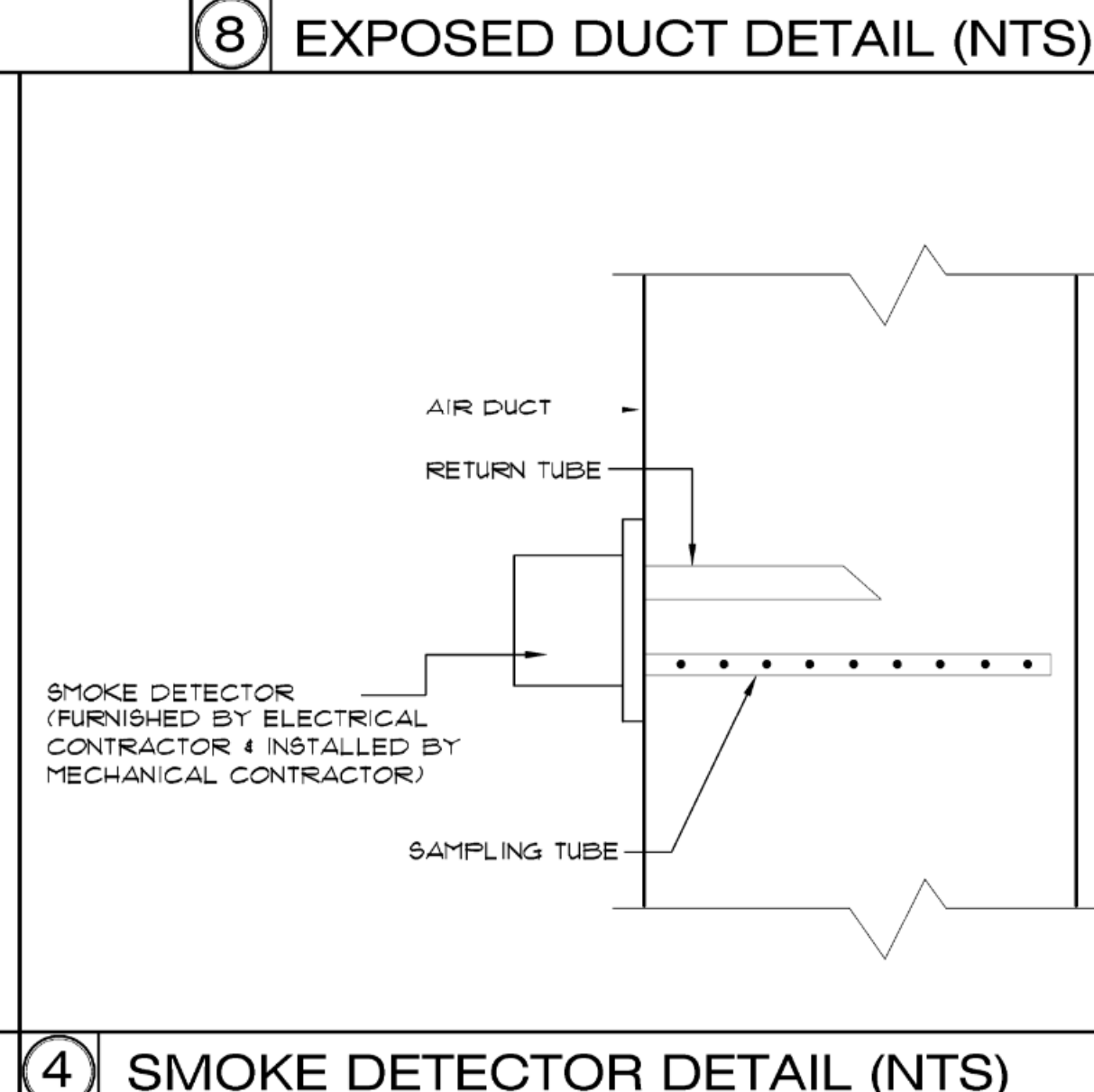
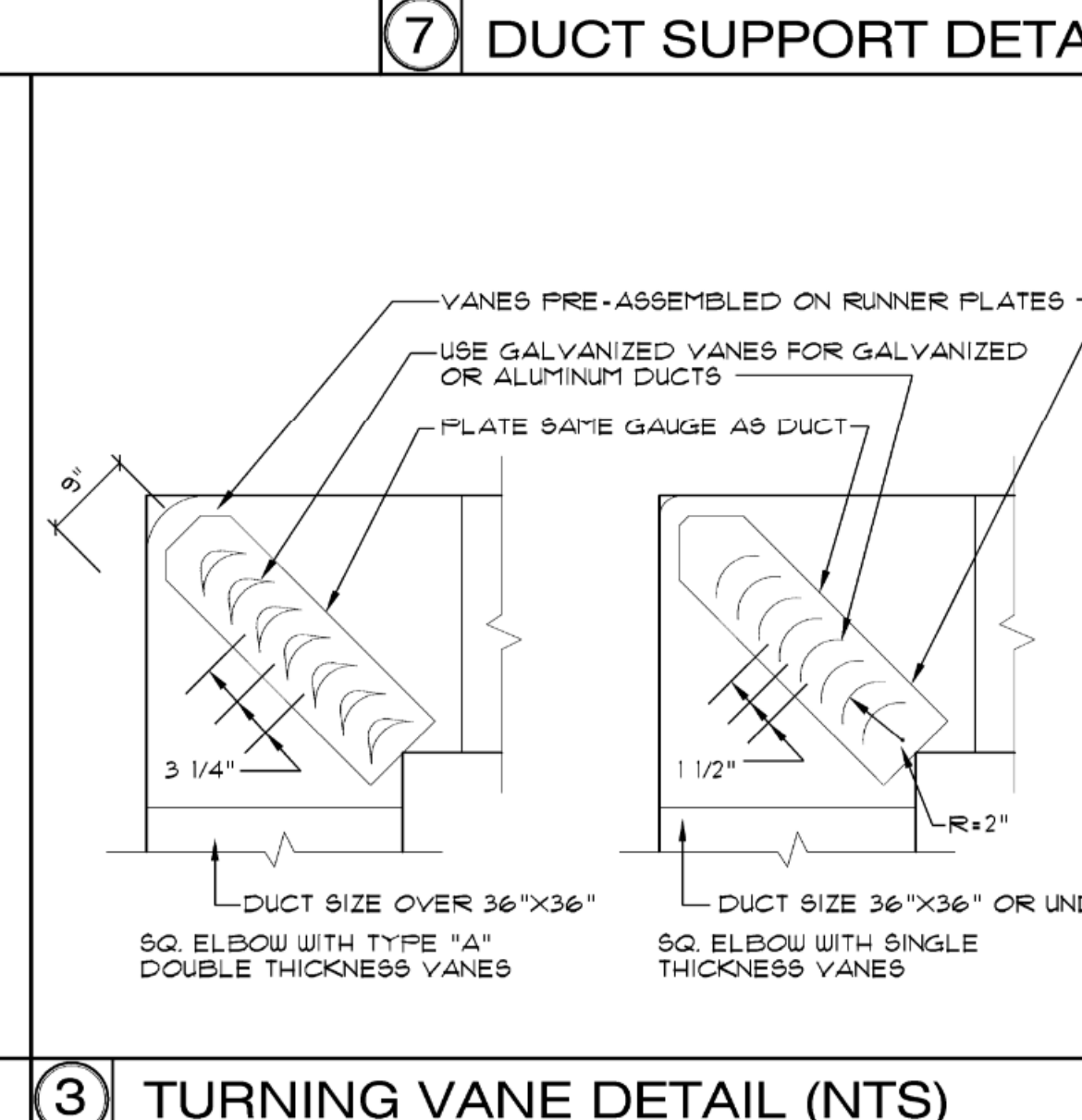
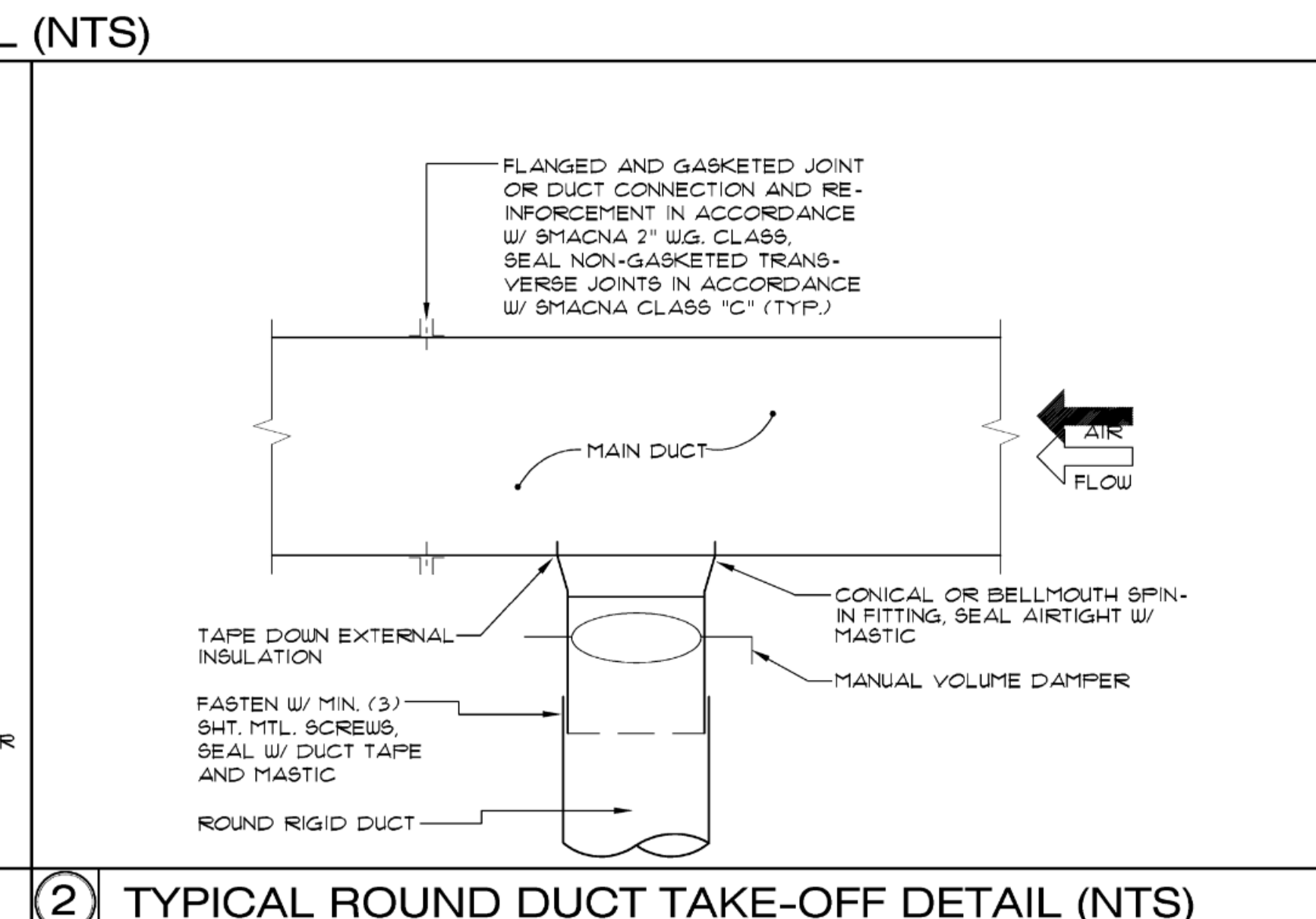
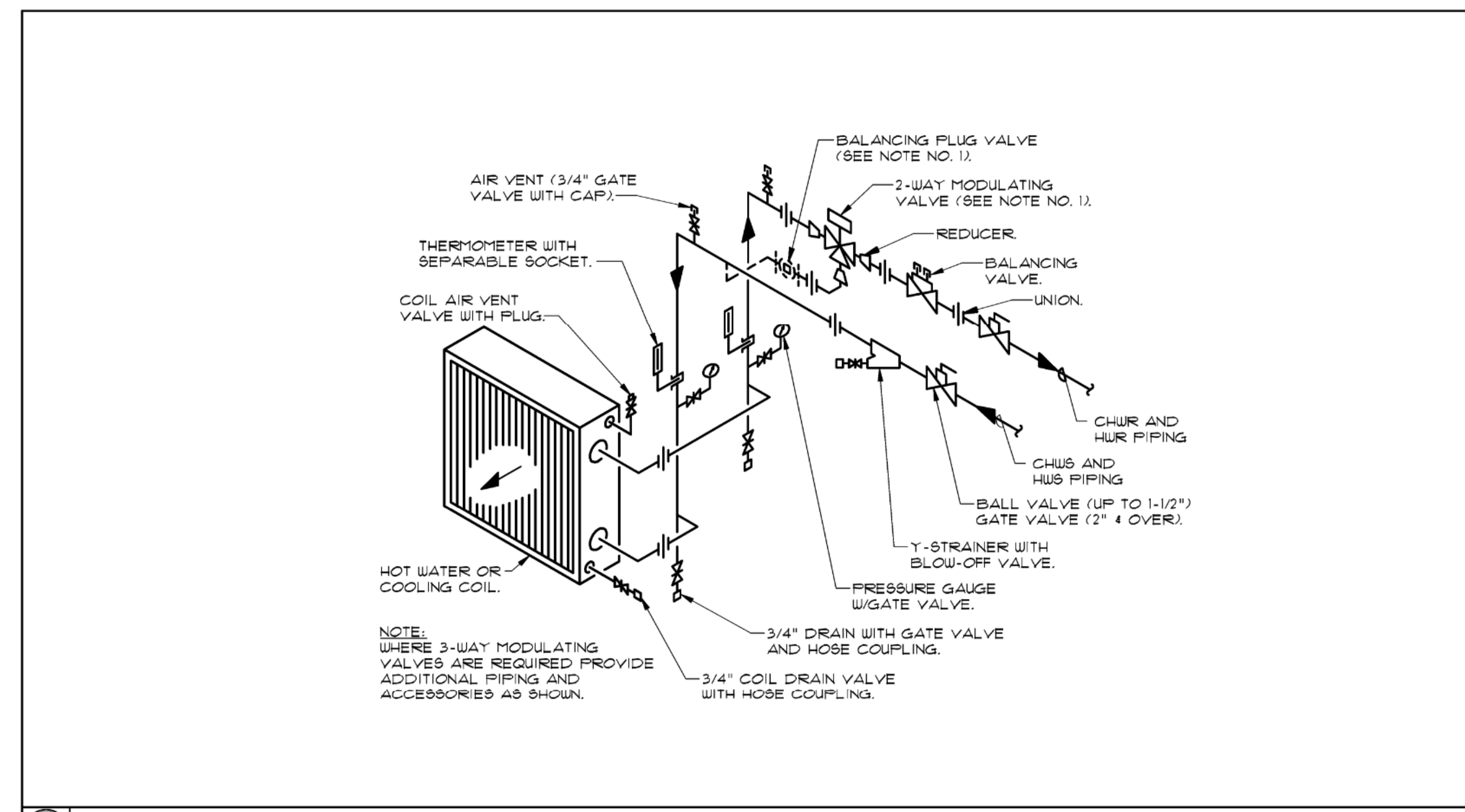
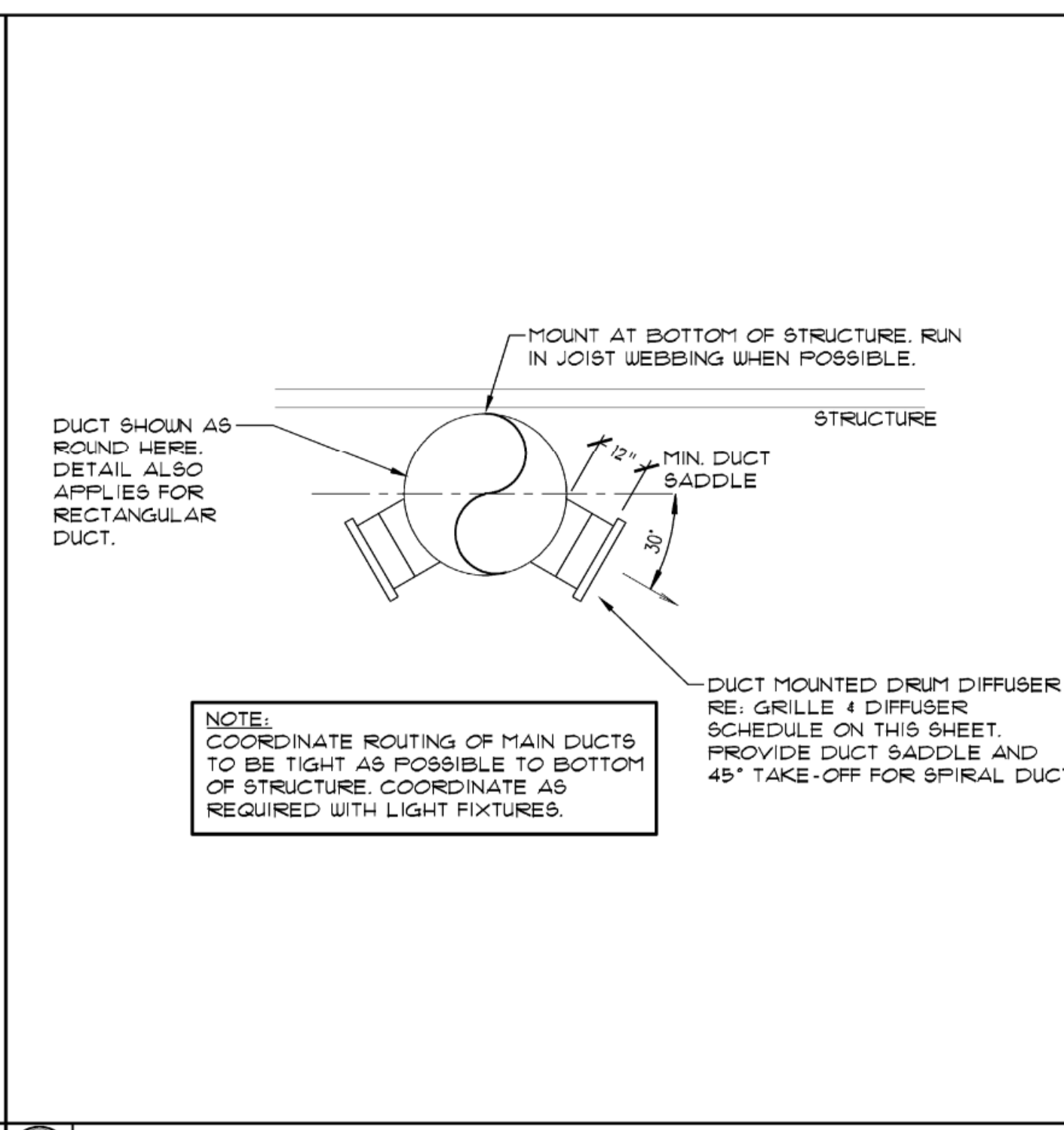
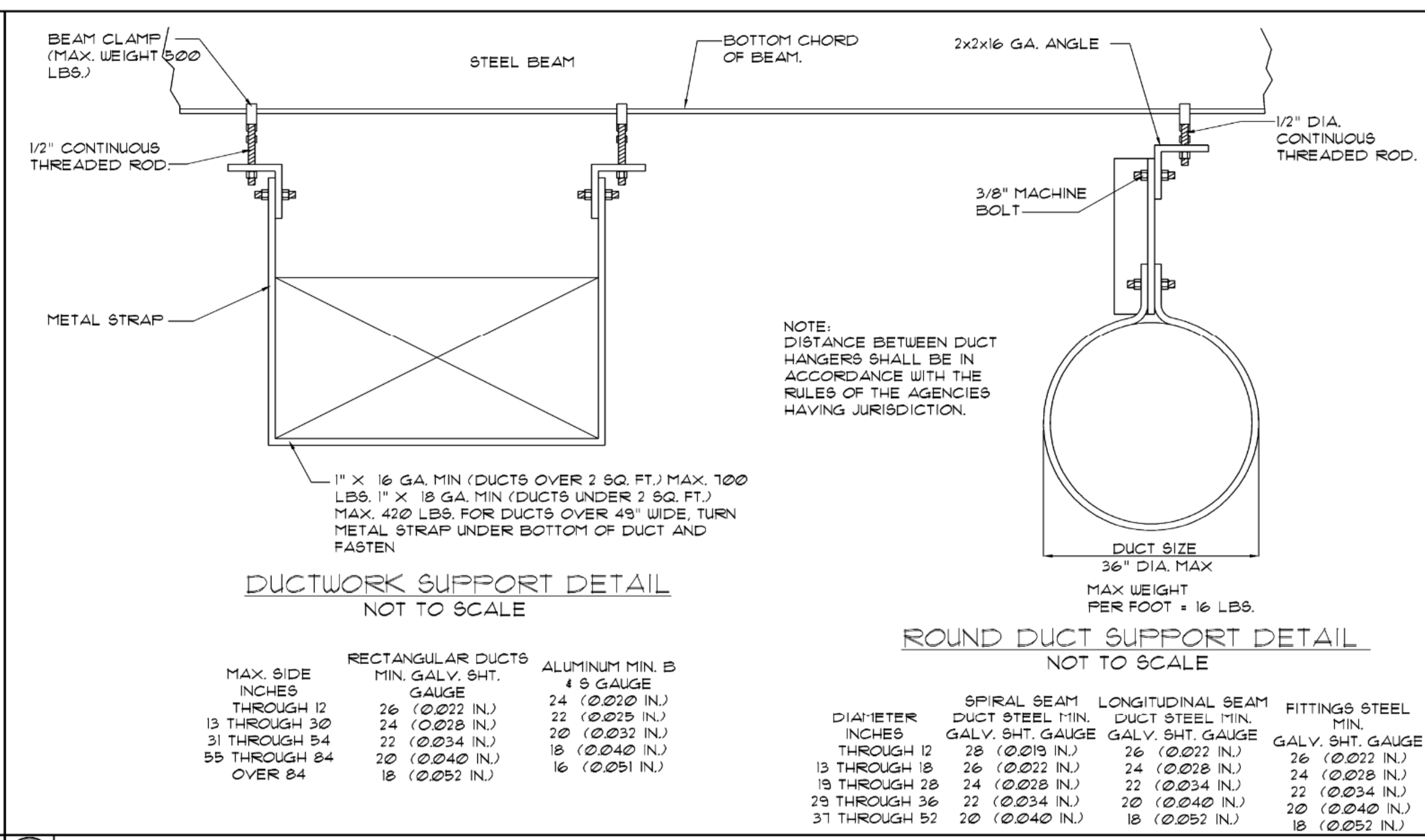
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LARSONDESIGNGROUP.COM



COMcheck Software Version COMcheckWeb
Mechanical Compliance Certificate

Project Information

Energy Code: 2018 IECC
 Project Title: Foot Locker 25019 - Mclean, VA
 Location: McLean, Virginia
 Climate Zone: 4a
 Project Type: Alteration

Construction Site: 19621 Chain Bridge Rd, Mclean, Virginia 20003
 Owner/Agent: Foot Locker, 330 West 34th St, New York, New York 10001
 Designer/Contractor: Larson Design Group, 1000 Commerce Park Drive, Williamsport, Pennsylvania 17701, 570-244-3478, bdehaas@larsondesigngroup.com

Mechanical Systems List

Quantity System Type & Description

- 4 BC-1-4 (Single Zone):
 Heating: 1 each - Duct Furnace, Electric, Capacity = 74 kBtu/h
 No minimum efficiency requirement applies
 Cooling: 1 each - Hydronic Coil, Capacity = 107 kBtu/h, Water Economizer
 No minimum efficiency requirement applies
 Fan System: BC-1-4 | Sales -- Compliance (Motor nameplate HP and fan efficiency method) : Passes
 Fans:
 FAN 2 Supply, Constant Volume, 3500 CFM, 3.0 motor nameplate hp, 0.0 fan efficiency grade, 0.0 total fan efficiency, 0.0 design fan efficiency , fan exception: Single fan <= 5HP
- 1 BC-5 (Single Zone):
 Heating: 1 each - Duct Furnace, Electric, Capacity = 38 kBtu/h
 No minimum efficiency requirement applies
 Cooling: 1 each - Hydronic Coil, Capacity = 56 kBtu/h, Water Economizer
 No minimum efficiency requirement applies
 Fan System: BC-5 | Stockroom -- Compliance (Motor nameplate HP and fan efficiency method) : Passes
 Fans:
 FAN 3 Supply, Constant Volume, 1800 CFM, 1.5 motor nameplate hp, 0.0 fan efficiency grade, 0.0 total fan efficiency, 0.0 design fan efficiency , fan exception: Single fan <= 5HP
- 1 BC-6 (Single Zone):
 Heating: 1 each - Duct Furnace, Electric, Capacity = 18 kBtu/h
 No minimum efficiency requirement applies
 Cooling: 1 each - Hydronic Coil, Capacity = 16 kBtu/h, Water Economizer
 No minimum efficiency requirement applies
 Fan System: BC-6 | Stock/Office -- Compliance (Motor nameplate HP and fan efficiency method) : Passes
 Fans:
 FAN 4 Supply, Constant Volume, 550 CFM, 0.5 motor nameplate hp, 0.0 fan efficiency grade, 0.0 total fan efficiency, 0.0 design fan efficiency , fan exception: Single fan <= 5HP
- 1 Water Heater:
 Electric Storage Water Heater, Capacity: 10 gallons w/ Circulation Pump
 No minimum efficiency requirement applies

Project Title: Foot Locker 25019 - Mclean, VA Report date: 08/02/23
 Data filename: Page 1 of 10

Mechanical Compliance Statement

Compliance Statement: The proposed mechanical alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed mechanical systems have been designed to meet the 2018 IECC requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Micah A Sweeley PE 8/2/2023
 Name - Title Signature Date

Project Title: Foot Locker 25019 - Mclean, VA Report date: 08/02/23
 Data filename: Page 2 of 10

COMcheck Software Version COMcheckWeb
Inspection Checklist

Energy Code: 2018 IECC
 Requirements: 100.0% were addressed directly in the COMcheck software
 Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req.ID	Plan Review	Complies?	Comments/Assumptions
C103.2 [PR2] ¹	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the mechanical systems and equipment and document where exceptions to the standard are claimed. Load calculations per acceptable engineering standards and handbooks.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C103.2 [PR3] ¹	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the service water heating systems and equipment and document where exceptions to the standard are claimed. Hot water system sized per manufacturer's sizing guide.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

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

Project Title: Foot Locker 25019 - Mclean, VA Report date: 08/02/23
 Data filename: Page 3 of 10

Section # & Req.ID	Footing / Foundation Inspection	Complies?	Comments/Assumptions
C403.12.2 [FO9] ¹	Snow/ice melting system and freeze protection systems have sensors and controls configured to limit service for pavement temperature and outdoor temperature. future connection to controls.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.

Additional Comments/Assumptions:

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

Project Title: Foot Locker 25019 - Mclean, VA Report date: 08/02/23
 Data filename: Page 4 of 10

Section # & Req.ID	Plumbing Rough-in Inspection	Complies?	Comments/Assumptions
C404.5, C404.5.1, C404.5.2 [PL6] ¹	Heated water supply piping conforms to pipe length and volume requirements. Refer to section details.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C404.6.1, C404.6.2 [PL3] ¹	Automatic time switches installed to automatically switch off the recirculating hot-water system or heat trace.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C404.6.3 [PL7] ¹	Pumps that circulate water between a heater and storage tank have controls that limit operation from startup to <= 5 minutes after end of heating cycle.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
C404.7 [PL8] ¹	Demand recirculation water systems have controls that start the pump upon receiving a signal from the action of a user of a fixture or appliance and limits the temperature of the water entering the cold-water piping to 104°F.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.

Additional Comments/Assumptions:

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

Project Title: Foot Locker 25019 - Mclean, VA Report date: 08/02/23
 Data filename: Page 5 of 10

Section # & Req.ID	Mechanical Rough-in Inspection	Complies?	Comments/Assumptions
C402.2.6 [ME41] ¹	Thermally ineffective panel surfaces of sensible heating panels have insulation >= R-3.5.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
C403.11.3 [ME61] ²	HVAC piping insulation insulated in accordance with Table C403.11.3. Insulation exposed to weather is protected from damage and is provided with shielding from solar radiation.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C403.8.4 [ME142] ¹	Motors for fans that are not less than 1/12 hp and less than 1 hp are electronically commutated motors or have a minimum motor efficiency of 70 percent. These motors have the means to adjust motor speed.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C403.8.5 [ME143] ¹	Each DX cooling system > 65 kBtu and chiller water/evaporative cooling system with fans > 1/4 hp are designed to vary the indoor fan airflow as a function of load and comply with detailed requirements of this section.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
C403.12.1 [ME71] ¹	Systems that heat outside the building envelope are radiant heat systems controlled by an occupancy sensing device or timer switch.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
C403.2.2 [ME59] ¹	Natural or mechanical ventilation is provided in accordance with International Mechanical Code Chapter 4. Mechanical ventilation has capability to reduce outdoor air supply to minimum per IMC Chapter 4.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C403.7.1 [ME59] ¹	Demand control ventilation provided for spaces >500 ft2 and >25 people/1000 ft2 occupant density and served by systems with air side economizer, auto modulating outside air damper control, or design airflow >3,000 cfm.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
C403.7.2 [ME115] ¹	Enclosed parking garage ventilation has automatic contaminant detection and capacity to stage or modulate fans to 50% or less of design capacity.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
C403.7.6 [ME141] ¹	HVAC systems serving guestrooms in Group R-1 buildings with > 50 guestrooms: Each guestroom is provided with controls that automatically manage temperature setpoint and ventilation (see sections C403.7.6.1 and C403.7.6.2).	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
C403.7.4 [ME57] ¹	Exhaust air energy recovery on systems meeting Table C403.7.4(1) and C403.7.4(2).	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
C403.7.5 [ME116] ¹	Kitchen exhaust systems comply with replacement air and conditioned supply air limitations, and satisfy hood rating requirements and maximum exhaust rate criteria.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.

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

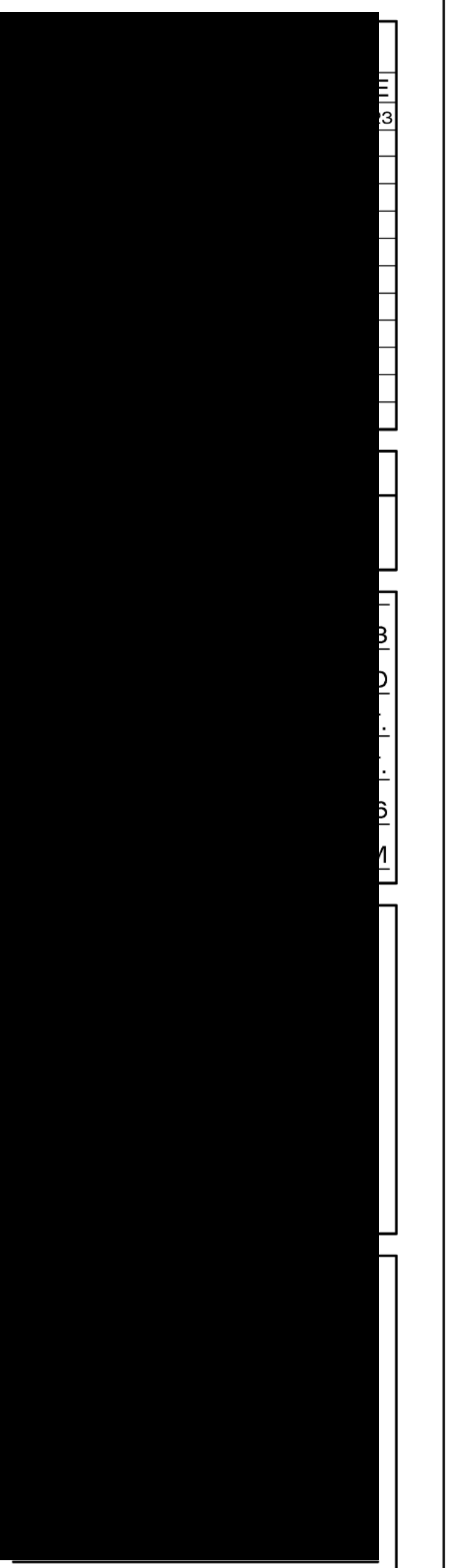
Project Title: Foot Locker 25019 - Mclean, VA Report date: 08/02/23
 Data filename: Page 6 of 10

FOOT LOCKER, INC.

GLOBAL STORE DEVELOPMENT
 330 WEST 34TH STREET
 NEW YORK, NY 10001

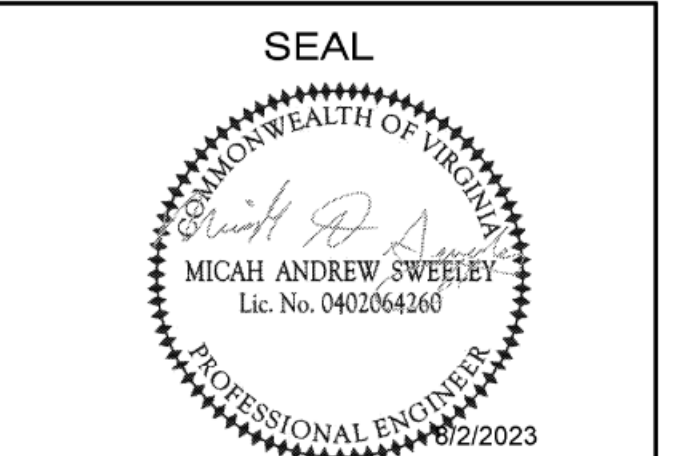


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SHEET TITLE
COMCHECK

SHEET NO. **M4.0**
 X of X



FL WB 2.0 PROTOTYPE - REV 1 08/27/21

Section # & Req.ID	Mechanical Rough-In Inspection	Complies?	Comments/Assumptions
C403.11.1 C403.11.2 [ME60]²	HVAC ducts and plenums insulated in accordance with C403.11.1 and constructed in accordance with C403.11.2. verification may need to occur during Foundation Inspection.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C403.5.4 C403.5.4.1 C403.5.4.2 C403.5.1 [ME15]¹	Water economizers provided where required, meet the requirements for design capacity, maximum pressure drop and integrated economizer control.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C403.4.3 1 [ME50]²	Three-pipe hydronic systems using a common return for hot and chilled water are not used.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C403.4.5 [ME26]³	Chilled water plants with multiple chillers have capability to reduce flow automatically through the chiller plant when a chiller is shut down. Boiler plants with multiple boilers have the capability to reduce flow automatically through the boiler plant when a boiler is shut down.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C403.4.1 4 [ME63]²	Heating for vestibules and air curtains with integral heating include automatic controls that shut off the heating system when outdoor air temperatures > 45F. Vestibule heating and cooling systems controlled by a thermostat in the vestibule with heating setpoint <= 60F and cooling setpoint >= 80F.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
C403.9.5 [ME31]¹	Condenser heat recovery system that can heat water to 85 °F or provide 60% of peak heat rejection is installed for preheating of service hot water.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Facility operates 24/7.
C408.2.2 1 [ME53]³	Air outlets and zone terminal devices have means for air balancing.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C408.2.2 2 [ME54]³	HVAC hydronic heating and cooling coils have means to balance and have pressure test connections.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C403.5 C403.5.1 C403.5.2 [ME123]³	Refrigerated display cases, walk-in coolers or walk-in freezers served by remote compressors and remote condensers not located in a condensing unit, have fan-powered condensers that comply with Sections C403.5.1 and refrigeration compressor systems that comply with C403.5.2.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.

Additional Comments/Assumptions:

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

Project Title: Foot Locker 25019 - Mclean, VA Report date: 08/02/23
Data filename: Page 7 of 10

Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.6 [EL26]²	Low-voltage dry-type distribution electric transformers meet the minimum efficiency requirements of Table C405.6.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.7 [EL27]²	Electric motors meet the minimum efficiency requirements of Tables C405.7(1) through C405.7(4). Efficiency verified through certification under an approved certification program or the equipment efficiency ratings shall be provided by motor manufacturer (where certification programs do not exist).	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.8.2 C405.8.2.1 [EL28]²	Escalators and moving walks comply with ASME A17.1/CSA B44 and have automatic controls configured to reduce speed to the minimum permitted speed in accordance with ASME A17.1/CSA B44 or applicable local code when not conveying passengers.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.9 [EL29]²	Total voltage drop across the combination of feeders and branch circuits <= 5%.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

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

Project Title: Foot Locker 25019 - Mclean, VA Report date: 08/02/23
Data filename: Page 8 of 10

Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
C303.3 C408.2.5 3 [F18]²	Furnished O&M manuals for HVAC systems within 90 days of system acceptance.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C403.2.2 [F127]²	HVAC systems and equipment capacity does not exceed calculated loads.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C403.2.4 1 [F147]¹	Heating and cooling to each zone is controlled by a thermostat control. Minimum one humidity control device per installed humidification/dehumidification system.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C403.4.1 2 [F138]¹	Thermostatic controls have a 5 °F deadband.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C403.2.4 1.3 [F120]²	Temperature controls have setpoint overlap restrictions.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C403.2.4 2 [F139]¹	Each zone equipped with setback controls using automatic time clock or programmable control system.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C403.2.4 2.1 C403.2.4 2.2 [F140]³	Automatic Controls: Setback to 55°F (heat) and 85°F (cool); 7-day clock, 2-hour occupant override, 10-hour backup	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C403.2.4 2.3 [F141]³	Systems include optimum start controls.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C404.3 [F111]²	Heat traps installed on supply and discharge piping of non-circulating systems.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
C404.4 [F125]²	All piping insulated in accordance with section details and Table C403.11.3.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C404.6.1 [F112]²	Controls are installed that limit the operation of a recirculation pump installed to maintain temperature of a storage tank. System return pipe is a dedicated return pipe or a cold water supply pipe.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

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

Project Title: Foot Locker 25019 - Mclean, VA Report date: 08/02/23
Data filename: Page 9 of 10

Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
C408.1.1 [F157]²	Building operations and maintenance documents will be provided to the owner. Documents will cover manufacturers' information, specifications, programming procedures and means of illustrating to owner how building, equipment and systems are intended to be installed, maintained, and operated.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C408.2.1 [F128]¹	Commissioning plan developed by registered design professional or approved agency.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C408.2.3 1 [F131]¹	HVAC equipment has been tested to ensure proper operation.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C408.2.3 2 [F110]²	HVAC control systems have been tested to ensure proper operation, calibration and adjustment of controls.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C408.2.3 3 [F132]²	Economizers have been tested to ensure proper operation.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C408.2.4 [F129]¹	Preliminary commissioning report completed and certified by registered design professional or approved agency.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C408.2.5 1 [F17]²	Furnished HVAC as-built drawings submitted within 90 days of system acceptance.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C408.2.5 3 [F143]¹	An air and/or hydronic system balancing report is provided for HVAC systems.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C408.2.5 4 [F130]²	Final commissioning report due to building owner within 90 days of receipt of certificate of occupancy.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

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

Project Title: Foot Locker 25019 - Mclean, VA Report date: 08/02/23
Data filename: Page 10 of 10

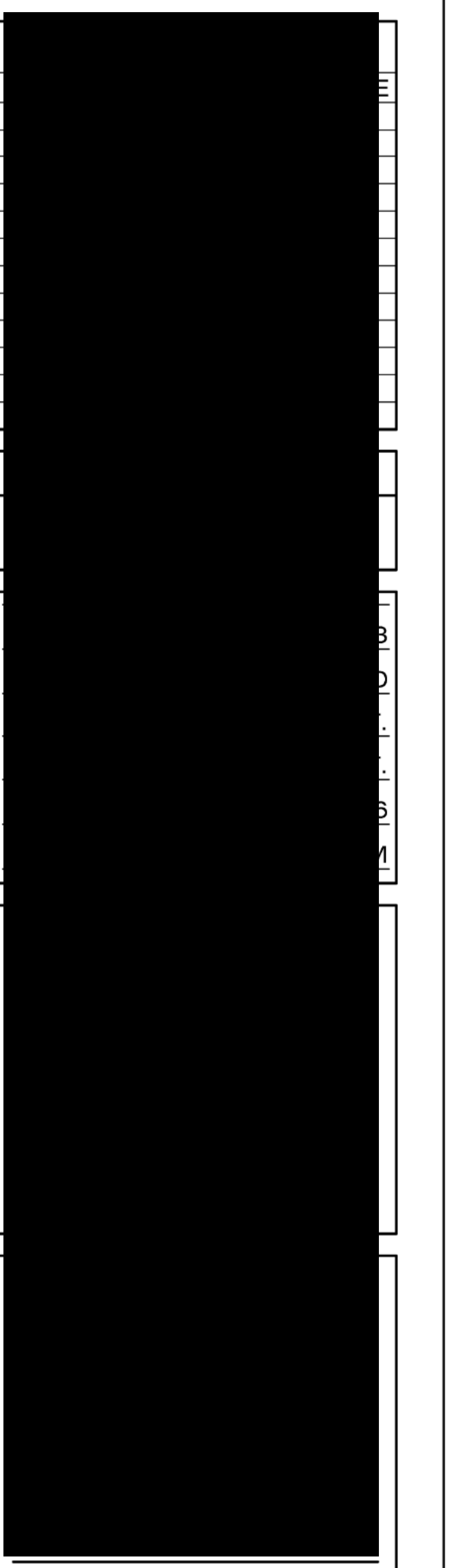
Foot Locker, Inc.

GLOBAL STORE DEVELOPMENT
330 WEST 34TH STREET
NEW YORK, NY 10001



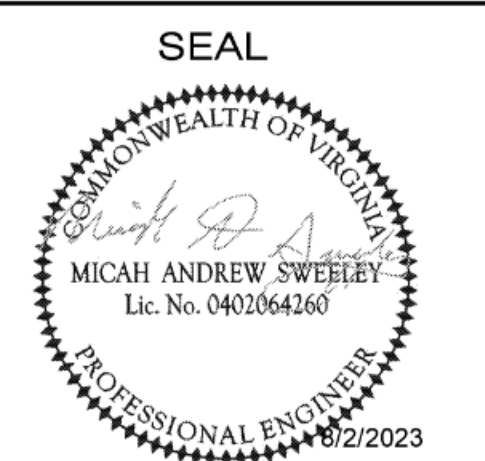
LDG Engineers and Architects, PC

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SHEET TITLE
COMCHECK

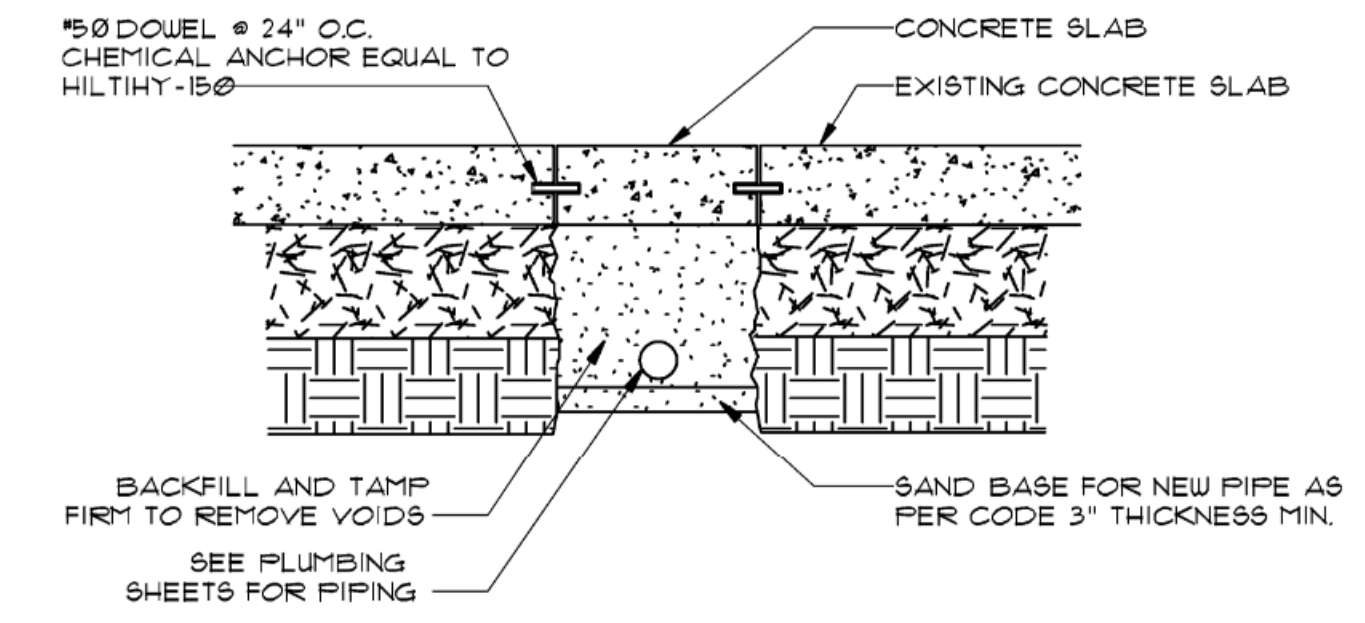
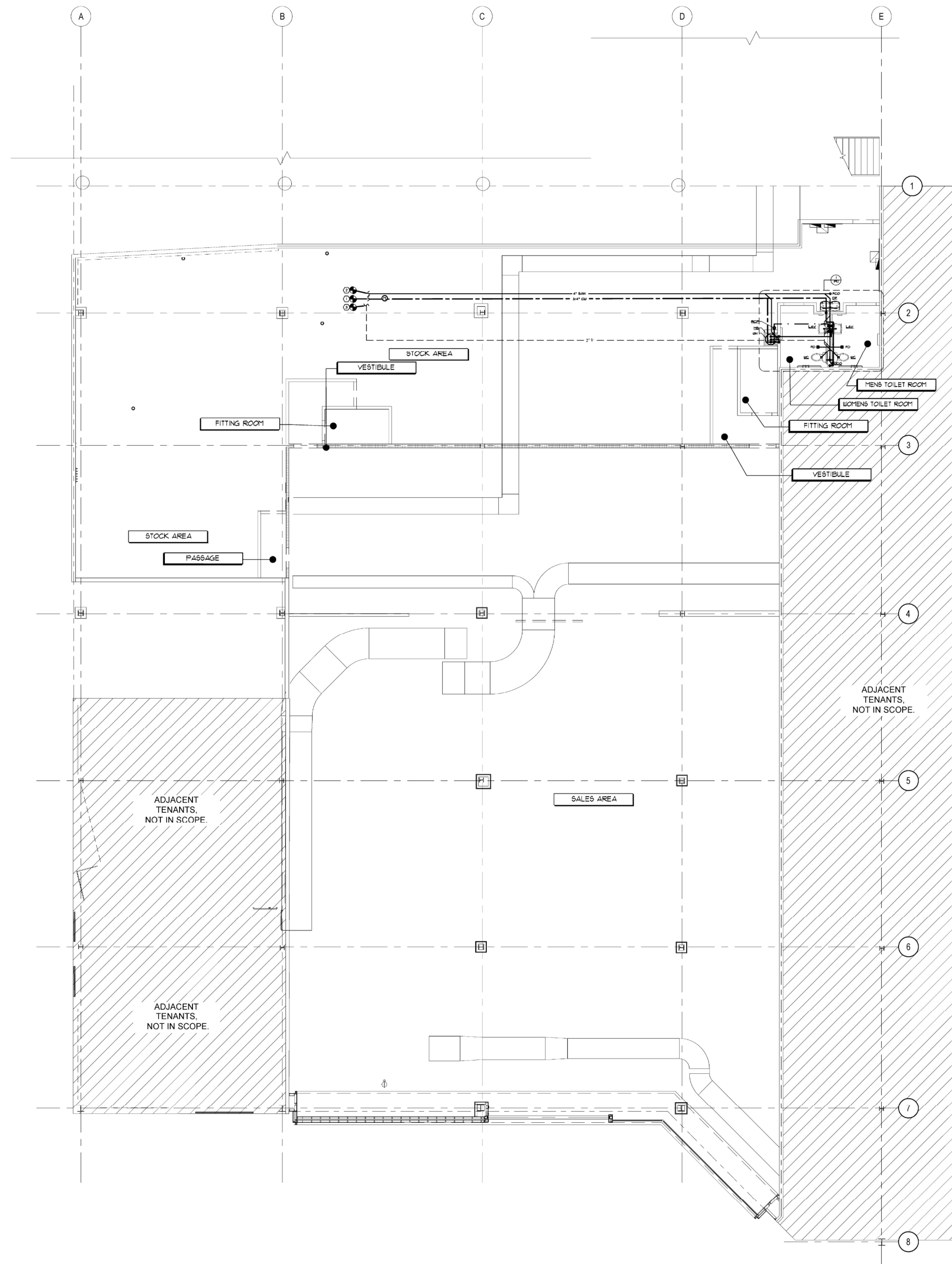
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X of X



FL WB 2.0 PROTOTYPE - REV 1 08/27/21



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3 POUR BACK DETAIL

- 1 CONNECT NEW 3/4" COLD WATER LINE INTO THE MALL'S EXISTING DOMESTIC WATER MAIN PER LANDLORD REQUIREMENTS. FIELD VERIFY EXACT LOCATION OF MALL'S DOMESTIC WATER MAIN BEFORE STARTING WORK. COORDINATE WITH LANDLORD'S REPRESENTATIVE.
- 2 CONNECT NEW 4" SANITARY LINE INTO THE MALL'S EXISTING SANITARY MAIN PER LANDLORD'S REQUIREMENTS. FIELD VERIFY EXACT LOCATION AND INVERT OF MALL'S SANITARY MAIN BEFORE STARTING WORK. SAUCUT AND REPAIR CONCRETE AS NEEDED. COORDINATE WITH LANDLORD'S REPRESENTATIVE.
- 3 CONNECT NEW 2" VENT LINE FROM TENANT'S PLUMBING FIXTURES TO EXISTING MINIMUM 2" VENT PER ALL LANDLORD REQUIREMENTS. FIELD VERIFY EXACT LOCATION WITH LANDLORD'S REPRESENTATIVE.

VERIFY ALL CONDITIONS IN THE FIELD BEFORE BIDDING.

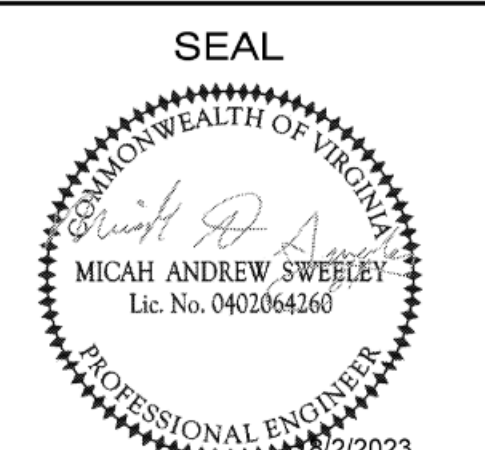
1 PLUMBING CODED NOTES

2 PLUMBING PLAN

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

SHEET TITLE
**PLUMBING PLAN,
RISERS DIAGRAMS
& DETAILS**

SHEET NO. **P1.0**
X of X



FL WB 2.0 PROTOTYPE - REV 1 08/27/21



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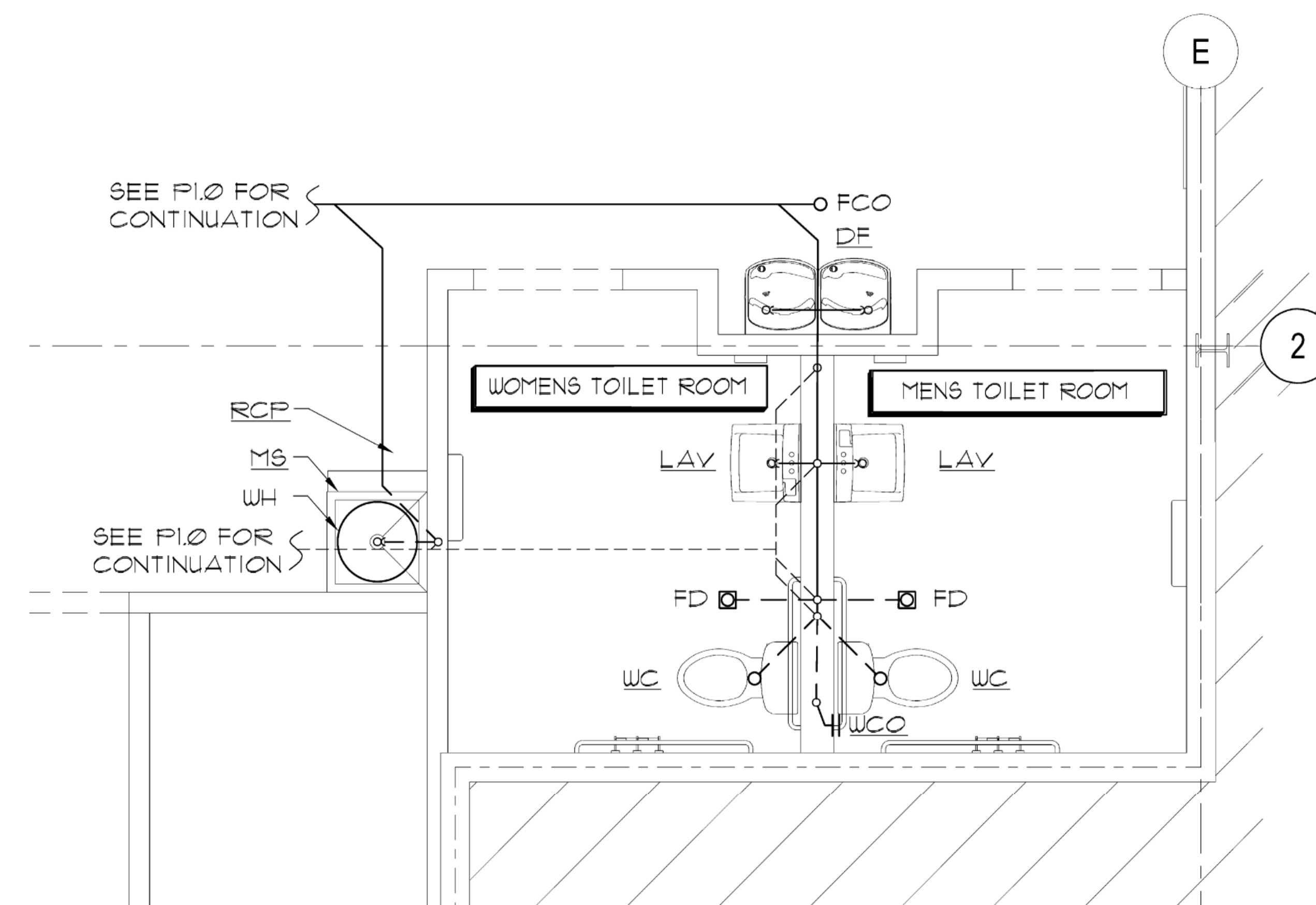
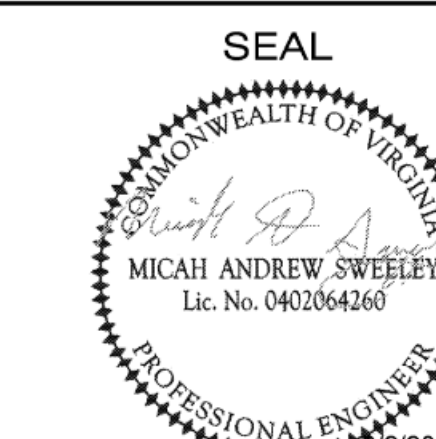
NO.	DATE
1	7/23

DATE	23
SCALE	AS SHOWN
PROJECT	FOOT LOCKER
DESCRIPTION	PLUMBING PLAN, RISERS DIAGRAMS & DETAILS

1	
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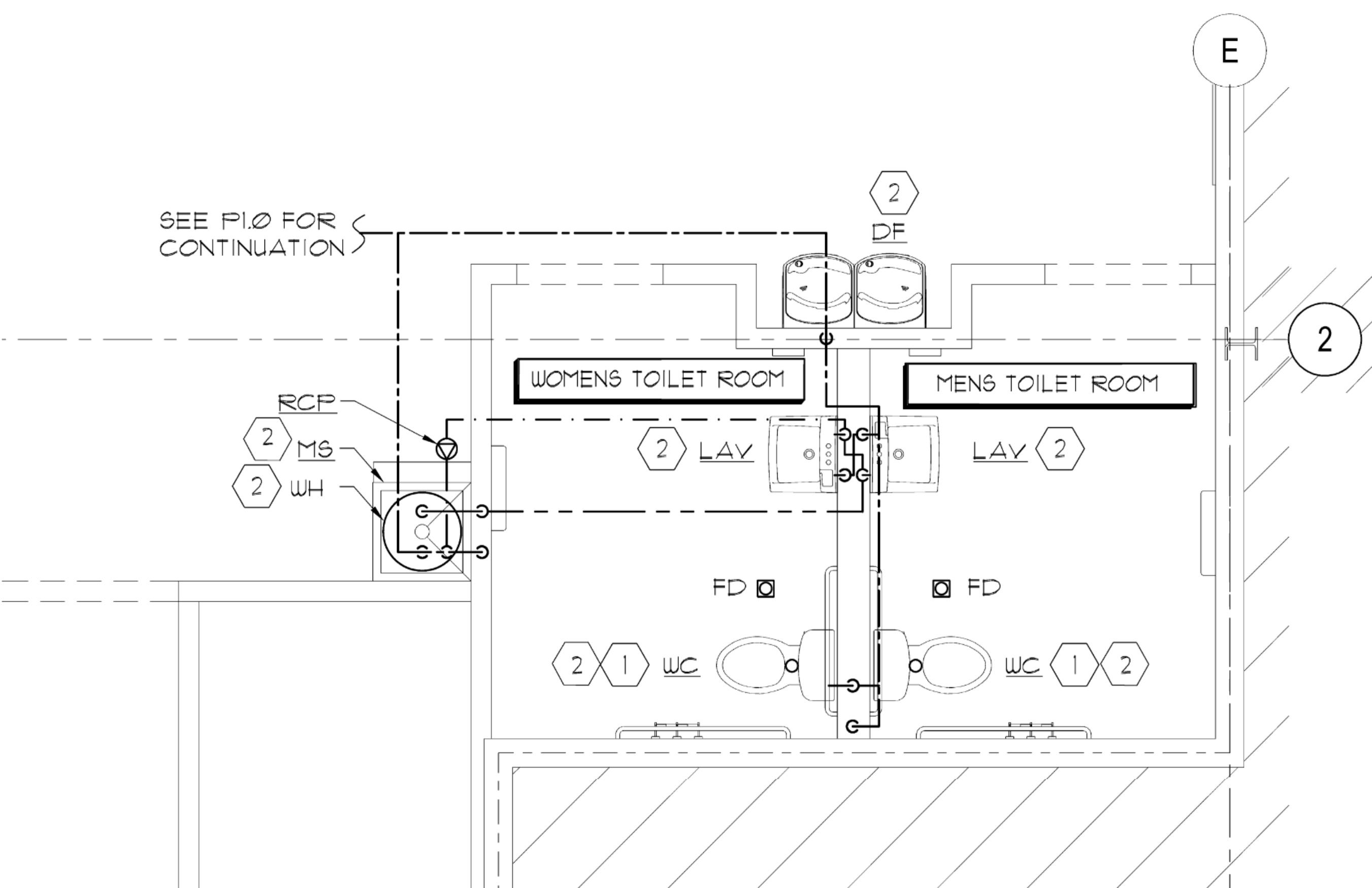
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**PLUMBING PLAN,
RISERS DIAGRAMS
& DETAILS**

SHEET NO. **P1.1**
X of X



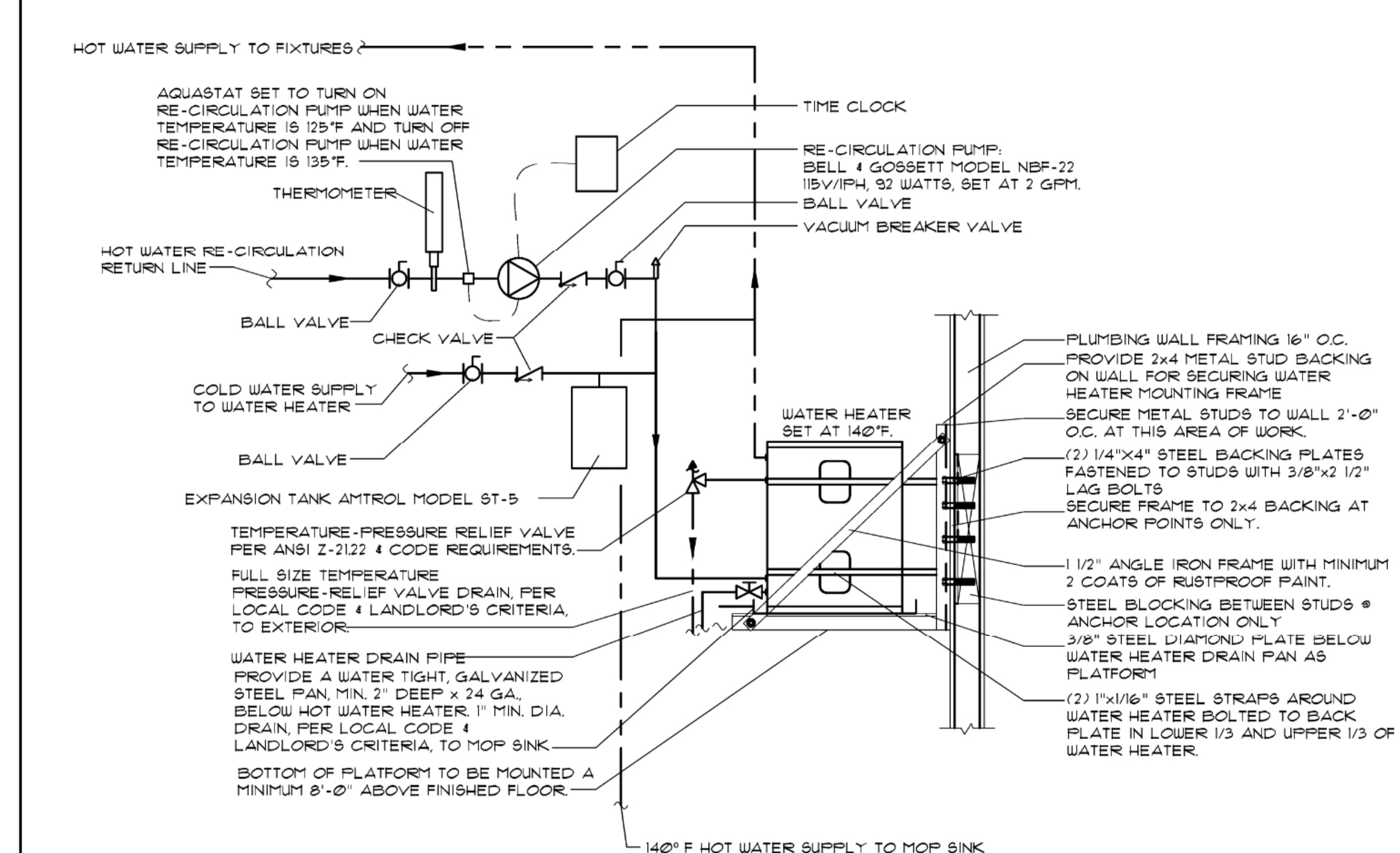
6 SANITARY AND VENT PLAN SCALE: 1/2" = 1'-0"

1 SANITARY RISER DIAGRAM



7 DOMESTIC WATER PLAN SCALE: 1/2" = 1'-0"

2 DOMESTIC WATER DIAGRAM



3 WATER HEATER DETAIL SCALE: N.T.S.

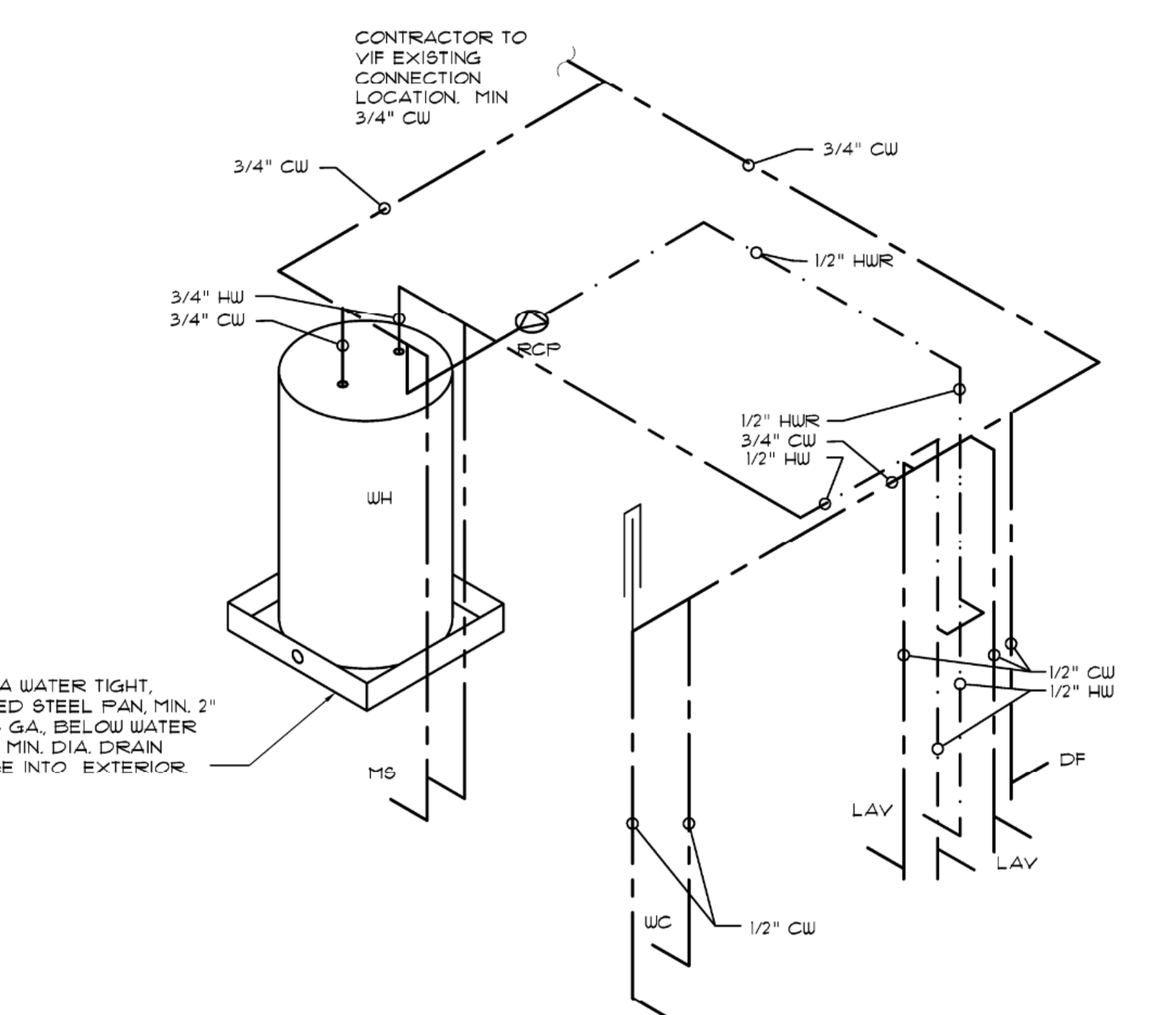
3 WATER HEATER DETAIL

- WC WATER CLOSET- AMERICAN STANDARD "CADET FLOWISE RIGHT HEIGHT ELOGATED TOILET" MODEL #7461120 (11 GAL/FLA) FLOOR MOUNTED, ELONGATED BOWL, TANK TYPE, CHROME TRIP LEVER, EPA "WATER SENSE" CERTIFIED, VITREOUS CHINA, 17" RIM HEIGHT MEETS ADA GUIDELINES AND ANS1 REQUIREMENTS FOR PEOPLE WITH DISABILITIES. FURNISH WITH WHITE COLOR OLSONITE MODEL #35 OPEN FRONT SEAT WITH COVER AND CHROME SUPPLY WITH STOP.
- LAV LAVATORY- AMERICAN STANDARD "DECLYN" MODEL #2321020 WALL HUNG LAVATORY WITH 4" CENTERS. FAUCET- AMERICAN STANDARD "COLONY" SORT# MODEL #215509, EPA "WATER SENSE" CERTIFIED. PROVIDE WITH THERMOSTATIC MIXING VALVE AND ADA SUPPLY/TRAP COVERS
- WH ELECTRIC WATER HEATER, AO SMITH DEL-10, 10 GALLON TANK CAPACITY, 3000 WATT, 208 VOLT, 3 PHASE OR EQUIVALENT.
- FCO FLOOR CLEAN OUT- ZURN MODEL #21400-HD-2 (CONCRETE FLOOR) OR ZURN MODEL #21400-2 (TILE FLOOR) OR EQUIVALENT BY J.R. SMITH OR WADE.
- WHA WATER HAMMER ARRESTER - SIOUX CHIEF 150 SERIES OR EQUAL BY PRECISION PLUMBING PRODUCTS, INC. EQUAL BY ZURN
- FD FLOOR DRAIN- ZURN MODEL #2415, 3" WITH NICKEL BRONZE STRAINER (PROVIDE WITH TRAP GUARD) OR EQUIVALENT BY J.R. SMITH.
- MS MOP SINK- FIAT MODEL M5B-2424, MOLDED STONE MOP BASIN W/ VINYL BUMPERGUARD FURNISH WITH AMERICAN STANDARD MODEL 8344212 FAUCET WITH INTEGRAL VACUUM BREAKER AND STOPS, EQUALS BY STERN-WILLIAMS OR HUSTEE.
- DF DRINKING FOUNTAIN, OASIS HI-LO MODEL #FGACBL NON-REFRIGERATED CABINET FINISH GREY/STONE. NOTE: UNIT REQUIRES CANE AFSPN (#35114-001).
- WCO WALL CLEANOUT, CLEANOUT AND ACCESS COVER, JO54H SERIES 58600-CO.

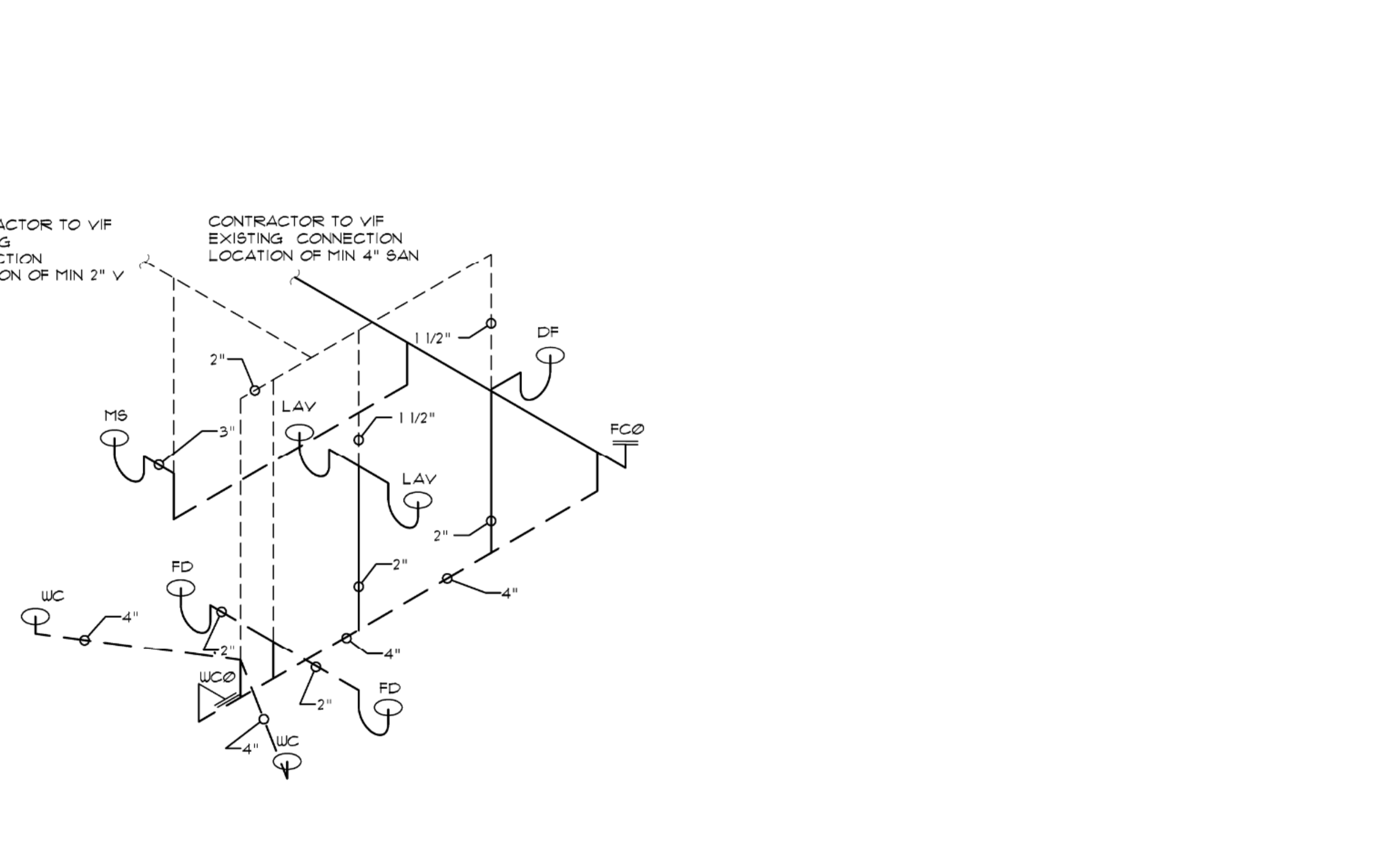
- 1 FURNISH AND INSTALL WATER HAMMER ARRESTORS IN THE DOMESTIC COLD WATER PIPING AS SHOWN ON THE WATER RISER DIAGRAM. WATER HAMMER ARRESTORS TO BE LOCATED IN AN ACCESSIBLE LOCATION, UNITS AS MANUFACTURED BY SIOUX OR PRECISION PLUMBING PRODUCTS ARE ACCEPTABLE.
 - 2 ALL PLUMBING FIXTURES SHALL BE INSTALLED WITH STOP VALVES TO ISOLATE EACH FIXTURE. REFER TO RISER DIAGRAM AND PLUMBING SPECIFICATIONS FOR FURTHER INFORMATION.
- VERIFY ALL CONDITIONS IN THE FIELD BEFORE BIDDING.

4 PLUMBING CODED NOTES

4 PLUMBING FIXTURE SCHEDULE



2 DOMESTIC WATER DIAGRAM



1 SANITARY RISER DIAGRAM

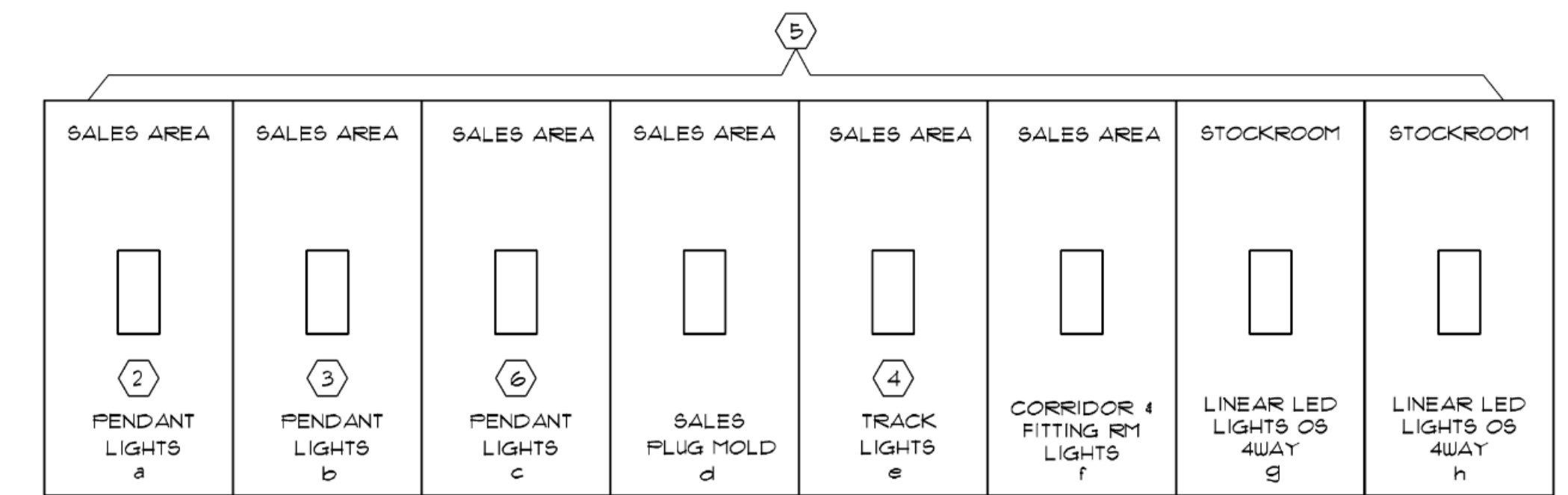


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TRACK LIGHTING CURRENT LIMITERS

MARK	DESCRIPTION	MANUFACTURER	MODEL NUMBER	VOLTS	WATTS	COLOR
240W	CURRENT LIMITING CIRCUIT BREAKERS, END LINE FEED 1 CIRCUIT, BLACK	JUNO LIGHTING GROUP	RCLFIUH-TCL2	120	240	WHITE
360W			RCLFIUH-TCL3	120	360	WHITE
480W			RCLFIUH-TCL4	120	480	WHITE
600W			RCLFIUH-TCL5	120	600	WHITE
720W			RCLFIUH-TCL6	120	720	WHITE
1440W			RCLFIUH-TCL2	120	1440	WHITE

CURRENT LIMITER SCHEDULE



MASTER LIGHTING SWITCH BANK

- TOILET ROOM FAN/LIGHT COMBINATION FIXTURE AND OCCUPANCY SENSOR SHALL BE CIRCUITED AS INDICATED.
- WIRE THROUGH TIME CLOCK, REFER TO SHEET E3.0 AND SPECIFICATIONS FOR MORE INFORMATION.
- HOMERUN HA-3 TO BE CONTROLLED BY SWITCH "d" FOR BI-LEVEL SWITCHING. SEE SWITCH BANK DETAIL ON THIS SHEET.
- HOMERUN THROUGH A 8-POLE CONTACTOR CONTROLLED BY SWITCH "e". CONTACTOR SHALL BE WALL MOUNTED ADJACENT TO LIGHTING PANEL. SEE SWITCH BANK DETAIL ON THIS SHEET AND "LIGHTING CONTROL DIAGRAM" ON SHEET E3.0.
- MASTER SWITCH BANK TO BE LOCATED IN VESTIBULE LEADING TO STOCK AREA. SEE DETAIL ON THIS SHEET.
- HOMERUN HA-5 TO BE CONTROLLED BY SWITCH "c" FOR BI-LEVEL SWITCHING. SEE SWITCH BANK DETAIL ON THIS SHEET.
- E.C. SHALL TIE EMERGENCY LIGHTING TO NIGHT LIGHT CIRCUIT HA-1 WITH (2) #2 (1) #2 GRD IN 3/4" C, UNLESS REQUIRED DIFFERENT FROM LOCAL CODES.

LIGHTING PLAN CODED NOTES

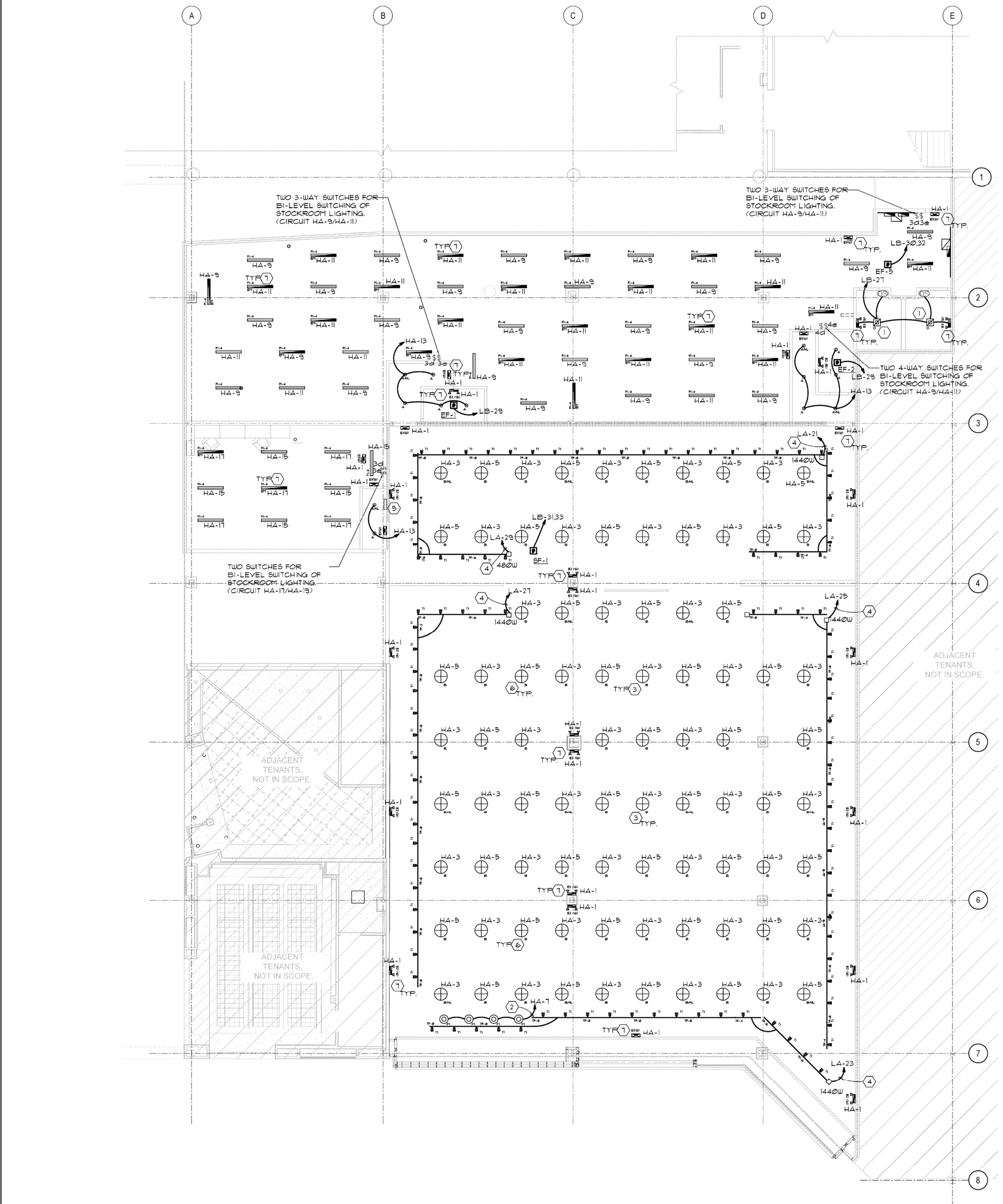
- THE CONTRACTOR FOR THIS WORK IS REQUIRED TO READ THE SPECIFICATIONS AND REVIEW DRAWINGS OF ALL DIVISIONS OF WORK AND IS RESPONSIBLE FOR THE COORDINATION OF THIS WORK AND THE WORK OF ALL SUBCONTRACTORS WITH ALL DIVISIONS OF WORK. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL SUBCONTRACTORS WITH A COMPLETE SET OF BID DOCUMENTS.
- LIGHTING SHALL BE CIRCUITED EXACTLY AS SHOWN ON PLANS.
- GENERAL CONTRACTOR TO INSTALL TENANT FURNISHED CRUSH GUARD SAFETY SLEEVES TO ALL STOCKROOM FLOURESCENT LIGHTING.
- SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION AND QUANTITY OF LIGHTING FIXTURES.
- EMERGENCY AND EXIT LIGHTS SHALL BE INSTALLED AND CIRCUITED PER THE LATEST NATIONAL ELECTRICAL CODE AND ALL LOCAL CODES. ALL EMERGENCY AND EXIT FIXTURES SHALL BE DUAL VOLTAGE (120/211 VOLT INPUT) WITH BATTERY BACKUP.
- ELECTRICAL CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS AS REQUIRED FOR A FULLY COMPLETE AND OPERABLE SYSTEM.
- ALL LIGHTING TO BE WIRED IN "A 4 B" PATTERN
- REFER TO DETAIL 4/E41 FOR CCTV / LIGHTHAUS INSTALLATION DETAILS

GENERAL NOTES

LIGHT FIXTURE SCHEDULE - FOOT LOCKER

TYPE	SKU #	SYMBOL	EXIST.	NEW	DESCRIPTION	MANUFACTURER	MODEL #	LAMP	NOTES
A	DL-6	DL-6	-	13	6" LED DOWNLIGHT, WHITE TRIM	ATTAIN LED	AT-DL5-6-44-35-UNV AT-DL9-6-1NM1-H2W	(1) 446W/3500K	
B	PC-24-W	PC-24-W	-	10	24" DIAMETER STEP NECK DOME, WHITE FINISH AND WHITE CORD	ATTAINED	AT-U824RLM-35K-UH	27W LED /3000K	MOUNT B.O. FIXTURE AT 10'-0" AFF.
B(A)	PC-24-W	PC-24-W	-	14	24" DIAMETER STEP NECK DOME, WHITE FINISH AND WHITE CORD	ATTAINED	AT-U824RLM-35K-UH	27W LED /3000K	MOUNT B.O. FIXTURE AT 10'-0" AFF.
C	R2-W	R2-W	-	-	RECESSED DOUBLE HEAD ADJUSTABLE LED LIGHT - WHITE	ATTAINED	AT-DLM-2-35-NFL-UH	(2) 15W LED	
D	FAN	FAN	-	2	LED VENTILATION FAN/LIGHT UNIT	DELTA	9180-110M-HLED	(1) 13W LED	
E1	EXIT-W	EXIT-W	-	9	EXIT LITE WITH 90 MINUTE BATTERY PACK	ASTRALITE	TP-U-R-W-EM	2.5W LED	SURFACE MOUNTED, B.O. AT 11'-6" AFF IN SALES AREA. MAX. HT. ADJUSTABLE BY CODE IN NON-SALES AREAS
E2W	EM-HL-W	EM-HL-W	-	-	2-HEAD UNIVERSAL EMERGENCY LIGHT W/ 90 MIN. BATTERY BACK UP	DUALITE	EVHC-12-06L	(2) 6W LED	
E2B	EM-HL-B	EM-HL-B	-	-	2-HEAD UNIVERSAL EMERGENCY LIGHT W/ 90 MIN. BATTERY BACK UP	DUALITE	EVHC-12-06L	(2) 6W LED	
E3	EM-W	EM-W	-	-	2-HEAD UNIVERSAL EMERGENCY LIGHT W/ 90 MIN. BATTERY BACK UP, WHITE FINISH	ASTRALITE	EU-3-LED-W	(2) 1W LED	SURFACE MOUNTED, B.O. AT 1'-0" AFF.
FI-4	BO4	FI-4	-	36	48" LONG STRIP LINEAR LED LIGHT FIXTURE	ATTAINED	AT-STRP-4-30-35-UHT	30W LED	SUSPENDED WITH CHAIN, BOTTOM OF FIXTURE TO BE 6" ABV TOP OF SHELF UNIT, UNLESS OTHERWISE NOTED, FIXTURE DENOTED AS "NL" ARE TO BE WIRED AS NIGHT LIGHT
FI-4	EM	FI-4	-	24	48" LONG STRIP LINEAR LED LIGHT FIXTURE WITH 90MIN BATTERY BACKUP	ATTAINED	AT-STRP-4-30-35-UHT-EM	30W LED	
PI	PC-16-WB	PC-16-WB	-	4	16" DIAMETER STEP NECK DOME, WHITE FINISH, WHITE CORD, 4 BLACK CAGE	ATTAINED	AT-U816RLM-35K-UH-U8BK	13W LED /3000K	MOUNT B.O. FIXTURE AT 1'-0" AFF, INCLUDING CAGE
TI	TH-W	TH-W	-	103	LED TRACK HEAD, WHITE	ATTAINED	AT-TRK-38-35-95-38-UH-J	38W LED	
TF	TI-8-W	TF-8	-	39	8" TRACK LIGHT, WHITE	ATTAINED	AT-TRK-8-UH (8') AT-TRK-4-UH (4') AT-TRK-2-UH (2')	RATED 10AMP AT 120V	
TF	TI-6-W	TF-6	-	3	6" TRACK LIGHT, WHITE	ATTAINED	AT-TRK-6-UH (6')		
TF	TI-4-W	TF-4	-	3	4" TRACK LIGHT, WHITE	ATTAINED	AT-TRK-4-UH (4')		
TF	TI-2-W	TF-2	-	1	2" TRACK LIGHT, WHITE	ATTAINED	AT-TRK-2-UH (2')		
ECL	ECL-1	ECL-1	-	-	1-CIRCUIT END FEED LIMITER	ATTAINED	AT-TRK-1-ECL		SEE PLAN FOR SPECIFIC SIZE OF LIMITERS

(E) = EXISTING FIXTURE TO REMAIN, (R) = EXISTING FIXTURE TO BE RELOCATED, EXISTING QUANTITIES TO BE VERIFIED IN FIELD
NL = DENOTES NIGHT LIGHTS, EM = DENOTES EMERGENCY LIGHTING
EMERGENCY LIGHTING NOTE: EMERGENCY FIXTURES HAVE A 90 MINUTE BATTERY BACKUP. SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION



NOTE: SEE DRAWING E1.0 FOR LOCATION OF PLUGMOLD

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

1 ELECTRICAL LIGHTING PLAN

LIGHTING FIXTURE SCHEDULE

SHEET TITLE
ELECTRICAL LIGHTING PLAN
SHEET NO. **E2.0**
26 of 29

SEAL
This document has been digitally signed and sealed by Keith Isner PE. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.
KEITH A. ISNER
Lic. No. 402059070
PROFESSIONAL ENGINEER
FL WB 2.0 PROTOTYPE - REV 1 08/27/21



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NEW PANELBOARD: HA																				
VOLTAGE: 480Y/277 - 3PH 4W		LOCATION: BOH				AVAILABLE FAULT CURRENT:				EXISTING										
BUS RATING: 400		AIC RATING:		MCO		EXISTING		MCO		EXISTING		AMPS								
MOUNTING: RECESSED		CU BUSS		MCO		EXISTING		MCO		EXISTING		AMPS								
OUT	DESCRIPTION	WIRE SIZE	LTG	REC	FREQ	HVAC	MISC	TRIP	P	PHASE	P	TRIP	MISC	HVAC	FREQ	REC	LTG	WIRE SIZE	DESCRIPTION	OUT
1	SALES SIGN LIGHTING (SS)	(2)12(1)120, 3/4" C	0.92					20	1	A	1	20						(2)12(1)120, 3/4" C	SALES SIGN	1
2	GENERAL SALES LIGHTS 7'x	(2)12(1)120, 3/4" C	1.20					20	1	B	1	20						(2)12(1)120, 3/4" C	GENERAL SALES LIGHTS 7'x	2
3	GENERAL SALES LIGHTS 7'x	(2)12(1)120, 3/4" C	1.20					20	1	C	1	20						(2)12(1)120, 3/4" C	GENERAL SALES LIGHTS 7'x	3
4	PENDANT & LINEAR LIGHTS 7'x	(2)12(1)120, 3/4" C	0.82					20	1	A	1	20						(2)12(1)120, 3/4" C	PENDANT & LINEAR LIGHTS 7'x	4
5	BOOTH LIGHTS 7'x	(2)12(1)120, 3/4" C	0.82					20	1	B	1	20						(2)12(1)120, 3/4" C	BOOTH LIGHTS 7'x	5
6	BOOTH LIGHTS 7'x	(2)12(1)120, 3/4" C	0.82					20	1	C	1	20						(2)12(1)120, 3/4" C	BOOTH LIGHTS 7'x	6
7	FITTING ROOM LIGHTS 7'x	(2)12(1)120, 3/4" C	0.82					20	1	A	1	20						(2)12(1)120, 3/4" C	FITTING ROOM LIGHTS 7'x	7
8	BOOTH LIGHTS	(2)12(1)120, 3/4" C	0.82					20	1	B	1	20						(2)12(1)120, 3/4" C	BOOTH LIGHTS	8
9	BOOTH LIGHTS	(2)12(1)120, 3/4" C	0.82					20	1	C	1	20						(2)12(1)120, 3/4" C	BOOTH LIGHTS	9
10	SPARE							20	1	A	1	20							SPARE	10
11	SPARE							20	1	B	1	20							SPARE	11
12	SPARE							20	1	C	1	20							SPARE	12
13	SPARE							20	1	A	1	20							SPARE	13
14	SPARE							20	1	B	1	20							SPARE	14
15	SPARE							20	1	C	1	20							SPARE	15
16	SPARE							20	1	A	1	20							SPARE	16
17	SPARE							20	1	B	1	20							SPARE	17
18	SPARE							20	1	C	1	20							SPARE	18
19	SPARE							20	1	A	1	20							SPARE	19
20	SPARE							20	1	B	1	20							SPARE	20
21	SPARE							20	1	C	1	20							SPARE	21
22	SPARE							20	1	A	1	20							SPARE	22
23	SPARE							20	1	B	1	20							SPARE	23
24	SPARE							20	1	C	1	20							SPARE	24
25	SPARE							20	1	A	1	20							SPARE	25
26	SPARE							20	1	B	1	20							SPARE	26
27	SPARE							20	1	C	1	20							SPARE	27
28	SPARE							20	1	A	1	20							SPARE	28
29	SPARE							20	1	B	1	20							SPARE	29
30	SPARE							20	1	C	1	20							SPARE	30
31	SPARE							20	1	A	1	20							SPARE	31
32	SPARE							20	1	B	1	20							SPARE	32
33	SPARE							20	1	C	1	20							SPARE	33
34	SPARE							20	1	A	1	20							SPARE	34
35	SPARE							20	1	B	1	20							SPARE	35
36	SPARE							20	1	C	1	20							SPARE	36
37	SPARE							20	1	A	1	20							SPARE	37
38	SPARE							20	1	B	1	20							SPARE	38
39	SPARE							20	1	C	1	20							SPARE	39
40	SPARE							20	1	A	1	20							SPARE	40
41	SPARE							20	1	B	1	20							SPARE	41
42	SPARE							20	1	C	1	20							SPARE	42
43	SPARE							20	1	A	1	20							SPARE	43
44	SPARE							20	1	B	1	20							SPARE	44
45	SPARE							20	1	C	1	20							SPARE	45
46	SPARE							20	1	A	1	20							SPARE	46
47	SPARE							20	1	B	1	20							SPARE	47
48	SPARE							20	1	C	1	20							SPARE	48
49	SPARE							20	1	A	1	20							SPARE	49
50	SPARE							20	1	B	1	20							SPARE	50
51	SPARE							20	1	C	1	20							SPARE	51
52	SPARE							20	1	A	1	20							SPARE	52
53	SPARE							20	1	B	1	20							SPARE	53
54	SPARE							20	1	C	1	20							SPARE	54
55	SPARE							20	1	A	1	20							SPARE	55
56	SPARE							20	1	B	1	20							SPARE	56
57	SPARE							20	1	C	1	20							SPARE	57
58	SPARE							20	1	A	1	20							SPARE	58
59	SPARE							20	1	B	1	20							SPARE	59
60	SPARE							20	1	C	1	20							SPARE	60
61	SPARE							20	1	A	1	20							SPARE	61
62	SPARE							20	1	B	1	20							SPARE	62
63	SPARE							20	1	C	1	20							SPARE	63
64	SPARE							20	1	A	1	20							SPARE	64
65	SPARE							20	1	B	1	20							SPARE	65
66	SPARE							20	1	C	1	20							SPARE	66
67	SPARE							20	1	A	1	20							SPARE	67
68	SPARE							20	1	B	1	20							SPARE	68
69	SPARE							20	1	C	1	20							SPARE	69
70	SPARE							20	1	A	1	20							SPARE	70
71	SPARE							20	1	B	1	20							SPARE	71
72	SPARE							20	1	C	1	20							SPARE	72
73	SPARE							20	1	A	1	20							SPARE	73
74	SPARE							20	1	B	1	20							SPARE	74
75	SPARE							20	1	C	1	20							SPARE	75
76	SPARE							20	1	A	1	20							SPARE	76
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79	SPARE							20	1	A	1	20							SPARE	79
80	SPARE							20	1	B	1	20							SPARE	80
81	SPARE							20	1	C	1	20							SPARE	81
82	SPARE							20	1	A	1	20							SPARE	82
83	SPARE							20	1	B	1	20								

GENERAL CONSTRUCTION NOTES

WIRING DETAIL FOR VOICE 66 BLOCK WIRING DIAGRAM (A)

- CAT 6 (PLENUM RATED WHERE LOCAL ELECTRICAL CODE REQUIRES) CASH WRAP WILL BE TERMINATED FIRST ON THE 66 BLOCK
- CAT 6 (PLENUM RATED WHERE LOCAL ELECTRICAL CODE REQUIRES) CABLE TO THE BACK OFFICE WILL BE TERMINATED SECOND ON THE 66 BLOCK
- CAT 6 (PLENUM RATED WHERE LOCAL ELECTRICAL CODE REQUIRES) CABLE TO THE WALL MOUNTED NETWORKING CABINET WILL BE TERMINATED THIRD ON THE 66 BLOCK
- ANY ADDITIONAL VOICE CABLES WILL BE TERMINATED TO THE NEXT AVAILABLE 66 BLOCK POSITIONS. ALL PAIRS WILL BE TERMINATED THE SAME AS DETAILED IN (B), (C), (D), (E), (F), (G), (H), (I), (J), (K), (L), (M), (N), (O), (P), (Q), (R), (S), (T), (U), (V), (W), (X), (Y), (Z), (AA), (AB), (AC), (AD), (AE), (AF), (AG), (AH), (AI), (AJ), (AK), (AL), (AM), (AN), (AO), (AP), (AQ), (AR), (AS), (AT), (AU), (AV), (AW), (AX), (AY), (AZ), (BA), (BB), (BC), (BD), (BE), (BF), (BG), (BH), (BI), (BJ), (BK), (BL), (BM), (BN), (BO), (BP), (BQ), (BR), (BS), (BT), (BU), (BV), (BW), (BX), (BY), (BZ), (CA), (CB), (CC), (CD), (CE), (CF), (CG), (CH), (CI), (CJ), (CK), (CL), (CM), (CN), (CO), (CP), (CQ), (CR), (CS), (CT), (CU), (CV), (CW), (CX), (CY), (CZ), (DA), (DB), (DC), (DD), (DE), (DF), (DG), (DH), (DI), (DJ), (DK), (DL), (DM), (DN), (DO), (DP), (DQ), (DR), (DS), (DT), (DU), (DV), (DW), (DX), (DY), (DZ), (EA), (EB), (EC), (ED), (EE), (EF), (EG), (EH), (EI), (EJ), (EK), (EL), (EM), (EN), (EO), (EP), (EQ), (ER), (ES), (ET), (EU), (EV), (EW), (EX), (EY), (EZ), (FA), (FB), (FC), (FD), (FE), (FF), (FG), (FH), (FI), (FJ), (FK), (FL), (FM), (FN), (FO), (FP), (FQ), (FR), (FS), (FT), (FU), (FV), (FW), (FX), (FY), (FZ), (GA), (GB), (GC), (GD), (GE), (GF), (GG), (GH), (GI), (GJ), (GK), (GL), (GM), (GN), (GO), (GP), (GQ), (GR), (GS), (GT), (GU), (GV), (GW), (GX), (GY), (GZ), (HA), (HB), (HC), (HD), (HE), (HF), (HG), (HH), (HI), (HJ), (HK), (HL), (HM), (HN), (HO), (HP), (HQ), (HR), (HS), (HT), (HU), (HV), (HW), (HX), (HY), (HZ), (IA), (IB), (IC), (ID), (IE), (IF), (IG), (IH), (II), (IJ), (IK), (IL), (IM), (IN), (IO), (IP), (IQ), (IR), (IS), (IT), (IU), (IV), (IW), (IX), (IY), (IZ), (JA), (JB), (JC), (JD), (JE), (JF), (JG), (JH), (JI), (JJ), (JK), (JL), (JM), (JN), (JO), (JP), (JQ), (JR), (JS), (JT), (JU), (JV), (JW), (JX), (JY), (JZ), (KA), (KB), (KC), (KD), (KE), (KF), (KG), (KH), (KI), (KJ), (KL), (KM), (KN), (KO), (KP), (KQ), (KR), (KS), (KT), (KU), (KV), (KW), (KX), (KY), (KZ), (LA), (LB), (LC), (LD), (LE), (LF), (LG), (LH), (LI), (LJ), (LK), (LL), (LM), (LN), (LO), (LP), (LQ), (LR), (LS), (LT), (LU), (LV), (LW), (LX), (LY), (LZ), (MA), (MB), (MC), (MD), (ME), (MF), (MG), (MH), (MI), (MJ), (MK), (ML), (MN), (MO), (MP), (MQ), (MR), (MS), (MT), (MU), (MV), (MW), (MX), (MY), (MZ), (NA), (NB), (NC), (ND), (NE), (NF), (NG), (NH), (NI), (NJ), (NK), (NL), (NM), (NO), (NP), (NQ), (NR), (NS), (NT), (NU), (NV), (NW), (NX), (NY), (NZ), (OA), (OB), (OC), (OD), (OE), (OF), (OG), (OH), (OI), (OJ), (OK), (OL), (OM), (ON), (OO), (OP), (OQ), (OR), (OS), (OT), (OU), (OV), (OW), (OX), (OY), (OZ), (PA), (PB), (PC), (PD), (PE), (PF), (PG), (PH), (PI), (PJ), (PK), (PL), (PM), (PN), (PO), (PP), (PQ), (PR), (PS), (PT), (PU), (PV), (PW), (PX), (PY), (PZ), (QA), (QB), (QC), (QD), (QE), (QF), (QG), (QH), (QI), (QJ), (QK), (QL), (QM), (QN), (QO), (QP), (QQ), (QR), (QS), (QT), (QU), (QV), (QW), (QX), (QY), (QZ), (RA), (RB), (RC), (RD), (RE), (RF), (RG), (RH), (RI), (RJ), (RK), (RL), (RM), (RN), (RO), (RP), (RQ), (RR), (RS), (RT), (RU), (RV), (RW), (RX), (RY), (RZ), (SA), (SB), (SC), (SD), (SE), (SF), (SG), (SH), (SI), (SJ), (SK), (SL), (SM), (SN), (SO), (SP), (SQ), (SR), (SS), (ST), (SU), (SV), (SW), (SX), (SY), (SZ), (TA), (TB), (TC), (TD), (TE), (TF), (TG), (TH), (TI), (TJ), (TK), (TL), (TM), (TN), (TO), (TP), (TQ), (TR), (TS), (TT), (TU), (TV), (TW), (TX), (TY), (TZ), (UA), (UB), (UC), (UD), (UE), (UF), (UG), (UH), (UI), (UJ), (UK), (UL), (UM), (UN), (UO), (UP), (UQ), (UR), (US), (UT), (UU), (UV), (UW), (UX), (UY), (UZ), (VA), (VB), (VC), (VD), (VE), (VF), (VG), (VH), (VI), (VJ), (VK), (VL), (VM), (VN), (VO), (VP), (VQ), (VR), (VS), (VT), (VU), (VV), (VW), (VX), (VY), (VZ), (WA), (WB), (WC), (WD), (WE), (WF), (WG), (WH), (WI), (WJ), (WK), (WL), (WM), (WN), (WO), (WP), (WQ), (WR), (WS), (WT), (WU), (WV), (WW), (WX), (WY), (WZ), (XA), (XB), (XC), (XD), (XE), (XF), (XG), (XH), (XI), (XJ), (XK), (XL), (XM), (XN), (XO), (XP), (XQ), (XR), (XS), (XT), (XU), (XV), (XW), (XZ), (YA), (YB), (YC), (YD), (YE), (YF), (YG), (YH), (YI), (YJ), (YK), (YL), (YM), (YN), (YO), (YP), (YQ), (YR), (YS), (YT), (YU), (YV), (YW), (YX), (YZ), (ZA), (ZB), (ZC), (ZD), (ZE), (ZF), (ZG), (ZH), (ZI), (ZJ), (ZK), (ZL), (ZM), (ZN), (ZO), (ZP), (ZQ), (ZR), (ZS), (ZT), (ZU), (ZV), (ZW), (ZX), (ZY), (ZZ)

DETAIL FOR CASH WRAP VOICE OUTLET WIRING DETAIL (B)

CONTRACTOR SHALL INSTALL ONE (1) CAT 6 (PLENUM RATED WHERE LOCAL ELECTRICAL CODE REQUIRES) OR BETTER CABLE FROM THE CASH WRAP TO THE STORE DEMARC THROUGH CONDUIT, AND TERMINATE CABLE AT CASH WRAP PER WIRING DETAIL (A). CABLE FROM CASH WRAP WILL TERMINATE TO THE FIRST POSITION ON THE VOICE 66 BLOCK PER WIRING DETAIL (A). LABEL THE CABLE AT 66 BLOCK AND JACK AT CASH WRAP AS "CASH WRAP JACK".

DETAIL FOR CASH WRAP VOICE OUTLET WIRING DETAIL (C)

CONTRACTOR SHALL INSTALL ONE (1) CAT 6 (PLENUM RATED WHERE LOCAL ELECTRICAL CODE REQUIRES) OR BETTER CABLE FROM THE MANAGERS DESK TO THE STORE DEMARC THROUGH CONDUIT, AND TERMINATE CABLE AT MANAGERS DESK PER WIRING DETAIL (A). CABLE FROM CASH WRAP WILL TERMINATE TO THE SECOND POSITION ON THE VOICE 66 BLOCK PER WIRING DETAIL (A). LABEL THE CABLE AT 66 BLOCK AND JACK AT MANAGERS DESK AS "BACK OFFICE JACK".

DETAIL FOR CASH WRAP VOICE OUTLET WIRING DETAIL (D)

CONTRACTOR SHALL INSTALL ONE (1) CAT 6 (PLENUM RATED WHERE LOCAL ELECTRICAL CODE REQUIRES) OR BETTER CABLE FROM THE WALL MOUNTED NETWORKING CABINET LOCATION TO THE STORE DEMARC THROUGH CONDUIT, AND TERMINATE CABLE AT NETWORKING CABINET PER WIRING DETAIL (A). CABLE FROM NETWORKING CABINET WILL TERMINATE TO THIRD POSITION ON THE VOICE 66 BLOCK PER WIRING DETAIL (A). LABEL THE CABLE AT 66 BLOCK AND JACK AT NETWORKING CABINET AS "NETWORKING CABINET JACK".

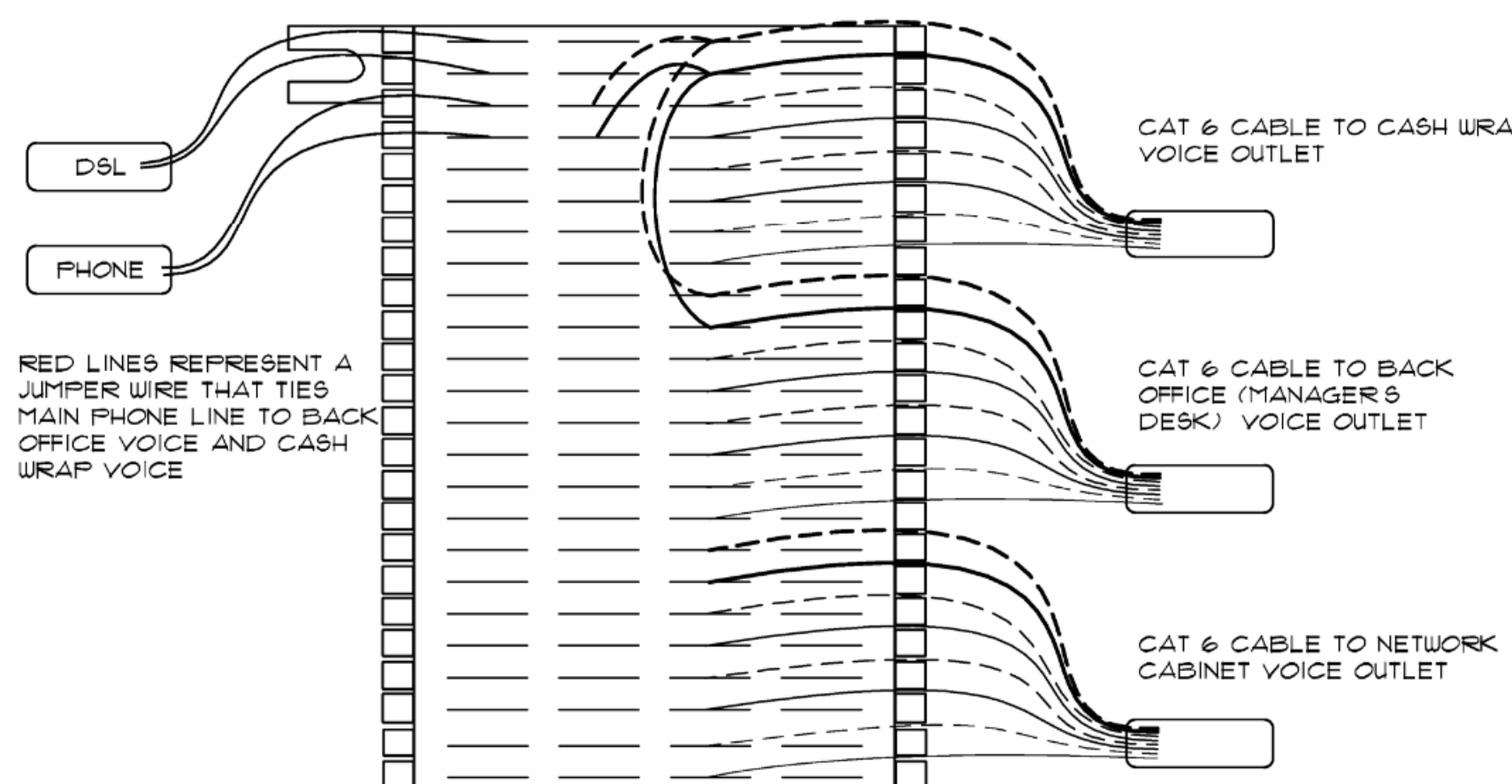
PATCH PANEL (NETWORKING CABINET) AND DATA OUTLET WIRING DETAILS (A), (B), (C), (D)

- ALL WIRING TO BE TERMINATED TO TIA/EIA-B STANDARD WITH T568B PIN OUT.
- EVERY DATA CABLE MUST BE TERMINATED ON AN ORANGE COLORED RJ45 KEYSTONE STYLE JACK (MANUFACTURE BRANDS TO BE USED - BELKIN, LEVITON AND ORTRONICS ARE PRE APPROVED FOR USE BY FOOT LOCKER) AT THE USER END.
- ONE (1) CAT 6 (PLENUM RATED WHERE LOCAL ELECTRICAL CODE REQUIRES) CABLE FOR EACH DATA LOCATION MUST BE INSTALLED AND TERMINATED TO 24 PORT PATCH PANEL LOCATED IN WALL MOUNTED NETWORKING CABINET. SEE PATCH PANEL WIRING DETAIL (D) AND NETWORKING CABINET DETAIL (A).
- LABEL EACH DATA JACK AS "DATA **" (NUMBERS AT PATCH PANEL PORT MUST MATCH DATA OUTLET JACK NUMBER WHERE CABLE IS TERMINATED).
- MECHANICALLY PRODUCED LABELS MUST BE USED FOR ALL LABELING.
- FOR COMBO STORES LABEL EACH LOCATION TO COORDINATE WITH PATCH PANEL LABELING. SEE PATCH PANEL WIRING DETAIL (A).
- EACH ADDITIONAL SINGLE REGISTER LOCATION WILL REQUIRE TWO (2) ADDITIONAL CAT6 CABLES TO BE RAN AND TERMINATED. (EXAMPLE: 3 REGISTERS = 6 CABLES, 4 REGISTERS = 8 CABLES)
- ANY ADDITIONAL LOCATIONS REQUIRING DATA, INSTALL 3 CAT6 CABLES PER LOCATION.
- SURFACE MOUNTED TERMINATION BOXES MUST BE SECURELY MOUNTED TO SURFACES USING SCREWS.
- ALL DATA CABLING WILL BE TESTED AND CERTIFIED TO PASS CATEGORY 6 IEEE STANDARDS.
- ALL CABLING RUNS SHALL NOT EXCEED 300' FROM NETWORKING CABINET.

GENERAL WIRING/CONSTRUCTION DETAILS

- ALL WIRING TO BE INSTALLED PER ANSI/BICSI 005-2016 STANDARDS, TERMINATED TO TIA/EIA-B STANDARD WITH T568B PIN OUT. CONTRACTOR SHALL MAINTAIN A MINIMUM CLEARANCE OF 18 INCHES FROM ALL NOISE EMANATING ELECTRICAL EQUIPMENT (e.g. BALLASTS, POWER FEEDER CABLES, ETC.)
- DO NOT TERMINATE CABLE NEAR OR ON METAL FOLDS OR RACKS.
- CONTRACTOR SHALL SECURELY INSTALL WALL MOUNT NETWORKING CABINET NO MORE THAN 6 FOOT (TO HORIZONTAL CENTERLINE OF THE CABINET) OFF THE FLOOR. SEE CABINET WIRING DETAIL (D) FOR REFERENCE.
- WORKING CLEARANCE FOR CRAFTSMEN TO MAINTAIN AND SERVICE EQUIPMENT (I.E. TO FULLY OPEN CABINET DOOR, TO HAVE A CLEAR VIEW OF EQUIPMENT AND CABLING, TO BE ABLE TO FULLY MANIPULATE EQUIPMENT AND CABLING, ETC.) AND FOR ADA COMPLIANCE IS 3'.
- ALL CONDUIT INSTALLATIONS MUST BE APPROPRIATELY SIZED TO ACCOMMODATE FUTURE CABLING, AS WELL AS NOT TO EXCEED FIRE STOP MANUFACTURER GUIDELINES REGARDING FILL RATIOS OR FIRE STOP SYSTEM FILL RATIOS.
- ALL CONDUIT, CONDUIT SLEEVES AND PULL BOXES MUST BE ACCESSIBLE FOR EASY INSTALLATION OF HORIZONTAL AND BACK BONE CABLING. (I.E. A CONDUIT, CONDUIT SLEEVE OR PULL BOX CANNOT TERMINATE ABOVE A GYPSUM BOARD CEILING, ACCESS TO CONDUIT, CONDUIT SLEEVE OR PULL BOX CANNOT BE BLOCKED BY HVAC OR SIMILAR MECHANICALS, ETC.)
- NO MORE THAN (2) 90 DEGREE BENDS (OR EQUIVALENT) BETWEEN PULL BOXES ARE ALLOWED.
- NO MORE THAN (50') OF CONTINUOUS CONDUIT (WITH OR WITHOUT BENDS) BETWEEN PULL BOXES ARE ALLOWED.
- WHENEVER A CEILING SPACE WILL BE MADE INACCESSIBLE TO FUTURE CABLING INSTALLATION, AN APPROPRIATELY SIZED EMT CONDUIT MUST BE INSTALLED FOR FUTURE USE. INACCESSIBLE CEILINGS WILL BE DEFINED AS ANY CEILING THAT IS NOT A DROP TILE CEILING.
- FULL STRINGS MUST BE LEFT IN ALL CONDUITS DURING INSTALLATION.
- CONDUIT ELBOWS (ALSO KNOWN AS AND LB) ARE NOT ACCEPTABLE AS THEY DO NOT ALLOW THE PROPER BEND RADIUS NEEDED TO MAINTAIN THE INTEGRITY OF THE CABLING.
- FLEXIBLE CONDUIT IS NOT ACCEPTABLE. ALL CONDUITS MUST BE EMT OR RIGID CONDUIT.
- OUTLET HEIGHTS AND LOCATIONS MUST BE COORDINATED WITH FURNITURE DESIGN TO ENSURE ACCESSIBILITY AND FUNCTIONALITY (I.E. OTHER EQUIPMENT MAY BE INSTALLED WHICH WILL BLOCK A TELECOM OR DATA OUTLET, MAKING IT IMPOSSIBLE TO PLUG IN OR UNPLUG NEW EQUIPMENT OR TROUBLESHOOT ISSUES WITH EXISTING).
- ALL OTHER REGIONAL DESIGN REQUIREMENTS IN REGARDS TO EARTHQUAKE OR OTHER DISASTER REGULATIONS MUST BE MET.
- CONTRACTOR SHALL LEAVE ONE (1) AS BUILT COPY OF ALL DRAWINGS WITH THE STORE MANAGER.

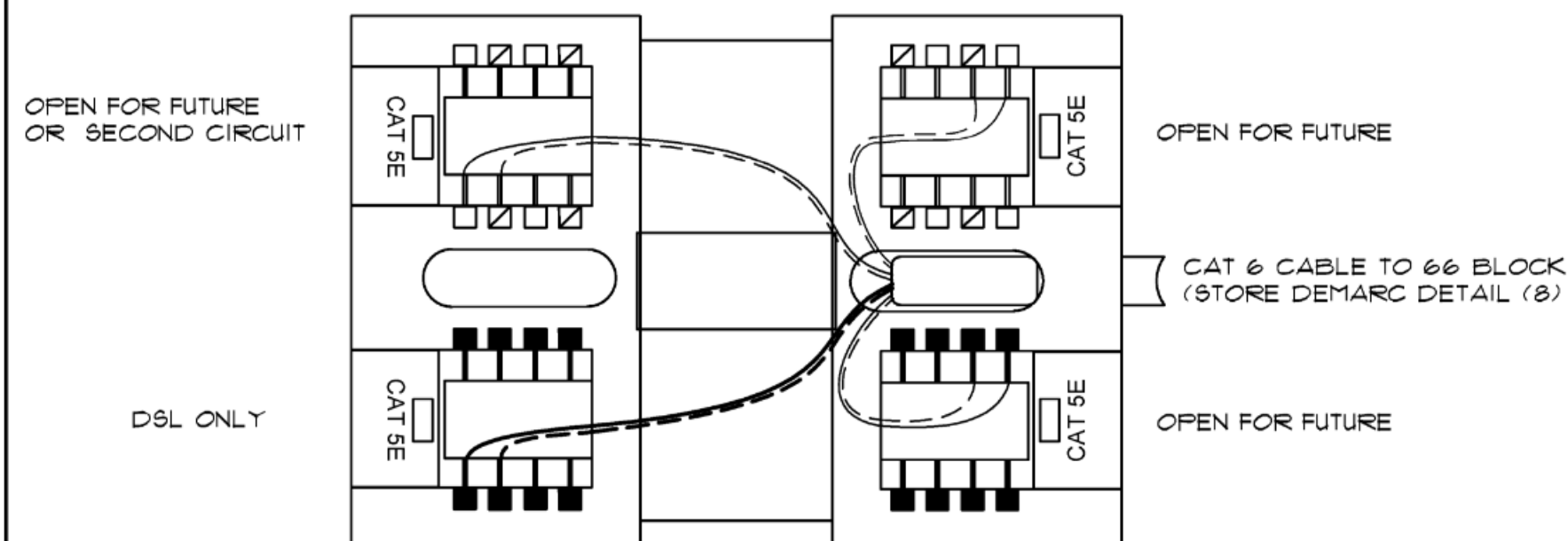
VOICE 66 BLOCK - STORE DEMARC (25 PAIR 66 BLOCK)



- 66 BLOCK PORT ASSIGNMENT REFERENCE GUIDE
- | | |
|--------------------|-----------------|
| CASH WRAP | BACK OFFICE |
| (1) BLUE PAIR | (5) BLUE PAIR |
| (2) ORANGE PAIR | (6) ORANGE PAIR |
| (3) GREEN PAIR | (7) GREEN PAIR |
| (4) BROWN PAIR | (8) BROWN PAIR |
| NETWORKING CABINET | |
| (9) BLUE PAIR | |
| (10) ORANGE PAIR | |
| (11) GREEN PAIR | |
| (12) BROWN PAIR | |

66 BLOCK WIRING DETAIL

NO SCALE



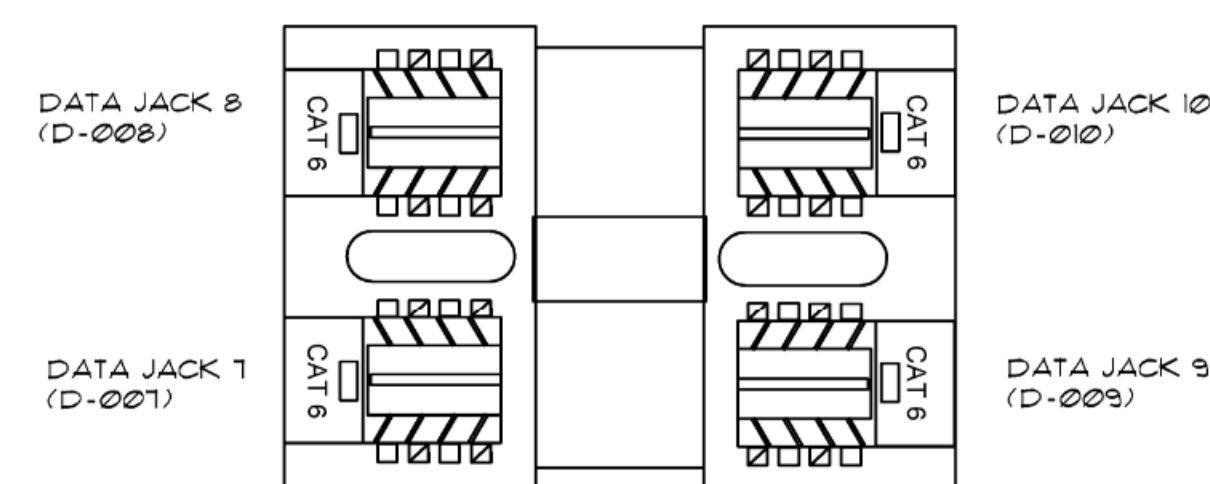
ONE PHONE OUTLET TO BE INSTALLED AT NETWORKING CABINET LOCATION.

IVORY COLORED KEYSTONE STYLE JACKS SHOULD BE USED FOR ALL VOICE LOCATIONS. (MANUFACTURE BRANDS THAT ARE PRE APPROVED FOR USE BY FOOT LOCKER IT - BELKIN, LEVITON, HUBBELL AND ORTRONICS)

ALL CABLING TO PHONE JACKS WILL TERMINATE AT THE STORE DEMARC. (REFERENCE TO DETAIL (B))

NETWORKING CABINET VOICE OUTLET WIRING DETAIL

NO SCALE



ONE CAT & QUAD DATA OUTLET TO BE LOCATED AT EACH BACK OFFICE MANAGERS DESK LOCATION. (COMBO STORES MAY HAVE A NEED FOR MORE DATA JACKS OR HAVE MORE THAN ONE BACK OFFICE LOCATION)

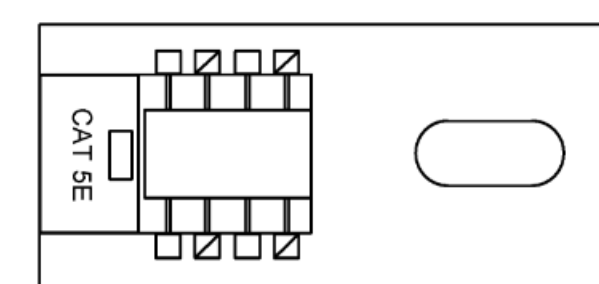
ORANGE COLORED KEYSTONE STYLE JACKS SHOULD BE USED FOR ALL DATA LOCATIONS. (MANUFACTURE BRANDS TO BE USED - BELKIN, LEVITON AND ORTRONICS ARE PRE APPROVED FOR USE BY FOOT LOCKER)

ALL CABLE RUNS WILL TERMINATE TO A CAT 6 PATCH PANEL IN THE NETWORKING CABINET. (REFERENCE DETAIL (A) WALL MOUNTED NETWORKING CABINET WIRING DETAIL)

ALL WIRING TO BE TERMINATED TO TIA/EIA-B STANDARD WITH T568B PIN OUT.

MANAGER'S DESK DATA OUTLET WIRING DETAIL

NO SCALE



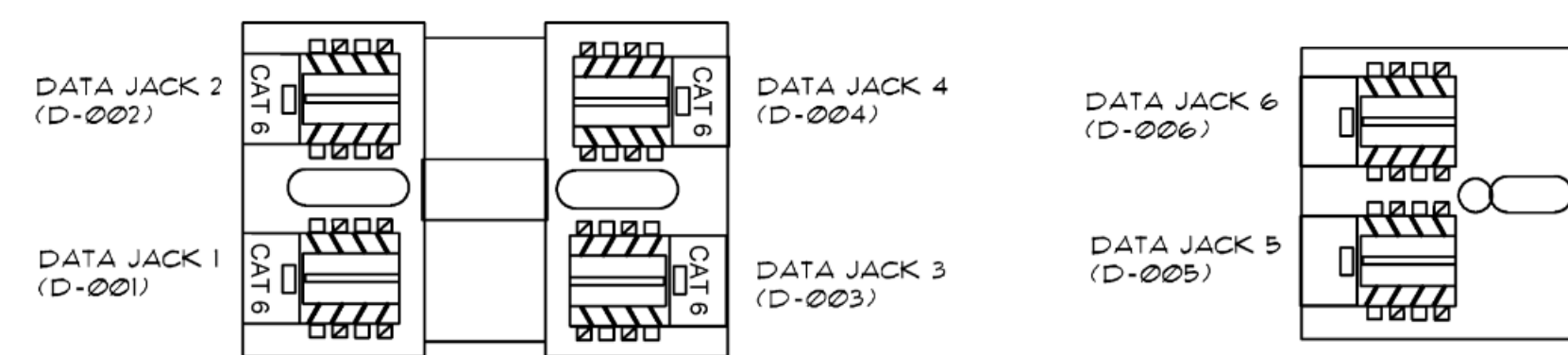
ONE PHONE OUTLET TO BE INSTALLED AT EACH BACK OFFICE DESK LOCATION. (THERE MAY BE MORE THAN ONE MANAGER'S DESK IN COMBO STORE CONFIGURATION, EACH LOCATION RECEIVES ITS OWN VOICE OUTLET)

IVORY COLORED KEYSTONE STYLE JACKS SHOULD BE USED FOR ALL VOICE LOCATIONS. (MANUFACTURE BRANDS THAT ARE PRE APPROVED FOR USE BY FOOT LOCKER IT - BELKIN, LEVITON, HUBBELL AND ORTRONICS)

ALL CABLING TO PHONE JACKS WILL TERMINATE AT THE STORE DEMARC. (REFERENCE DETAIL (B) 66 BLOCK WIRING DETAIL)

BACK OFFICE VOICE OUTLET WIRING DETAIL

NO SCALE



ONE CAT & QUAD DATA OUTLET TO BE LOCATED IN UNDER FIRST REGISTER BAY IN A DUAL REGISTER CASH WRAP. IN LARGER CASH WRAPS (3 OR MORE REGISTERS) THE QUAD DATA OUTLET SHOULD BE LOCATED IN THE CENTER OF THE OVER ALL CASH WRAP. EVERY OTHER REGISTER BAY WILL RECEIVE A DUAL CAT 6 DATA OUTLET.

EXAMPLE - DATA JACKS D-001 - D-006 (ACTUAL PANEL PORT 1 - 6)

LARGER CASH WRAPS WILL REQUIRE MORE CABLE AND JACKS TO BE INSTALLED. (SEE DETAIL (A) AND GENERAL NOTE (A))

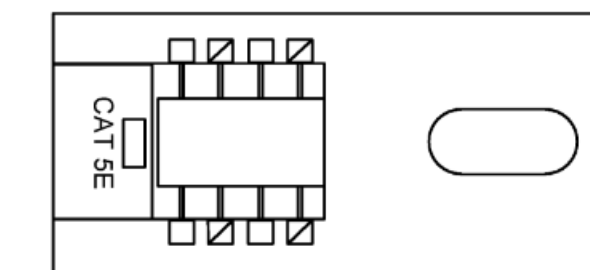
ORANGE COLORED KEYSTONE STYLE JACKS SHOULD BE USED FOR ALL DATA LOCATIONS. (MANUFACTURE BRANDS THAT ARE PRE APPROVED FOR USE BY FOOT LOCKER IT - BELKIN, LEVITON, HUBBELL AND ORTRONICS)

ALL CABLE RUNS WILL TERMINATE TO A CAT 6 PATCH PANEL IN THE NETWORKING CABINET. (REFERENCE DETAIL (A) WALL MOUNTED NETWORKING CABINET WIRING DETAIL)

ALL WIRING TO BE TERMINATED TO TIA/EIA-B STANDARD WITH T568B PIN OUT.

CASH WRAP DATA OUTLET WIRING DETAIL

NO SCALE



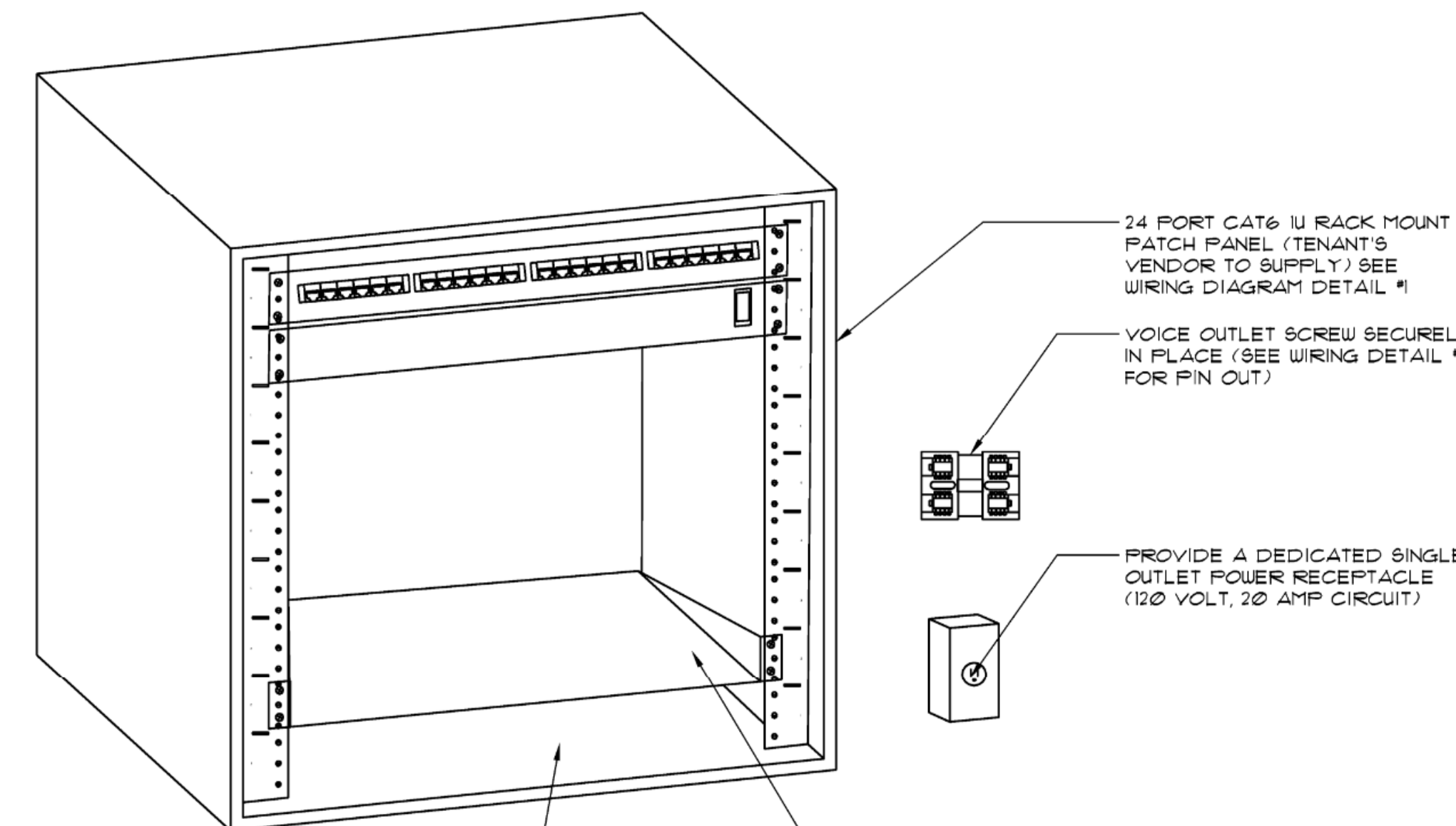
ONE PHONE OUTLET TO BE INSTALLED AT EACH CASH WRAP. (THERE MAY BE MORE THAN ONE CASH WRAP IN A COMBO STORE CONFIGURATION, EACH LOCATION RECEIVES ITS OWN VOICE OUTLET)

IVORY COLORED KEYSTONE STYLE JACKS SHOULD BE USED FOR ALL VOICE LOCATIONS. (MANUFACTURE BRANDS THAT ARE PRE APPROVED FOR USE BY FOOT LOCKER IT - BELKIN, LEVITON, HUBBELL AND ORTRONICS)

ALL CABLING TO PHONE JACKS WILL TERMINATE AT THE STORE DEMARC. (REFERENCE DETAIL (B))

CASH WRAP VOICE OUTLET WIRING DETAIL

NO SCALE



TENANT'S VENDOR TO SUPPLY - ONE U RACK MOUNTABLE POWER STRIP WITH SURGE SUPPRESSION, 15 AMP, 1500 WATT POWER RATING, 8 REAR FACING OUTLETS MINIMUM.

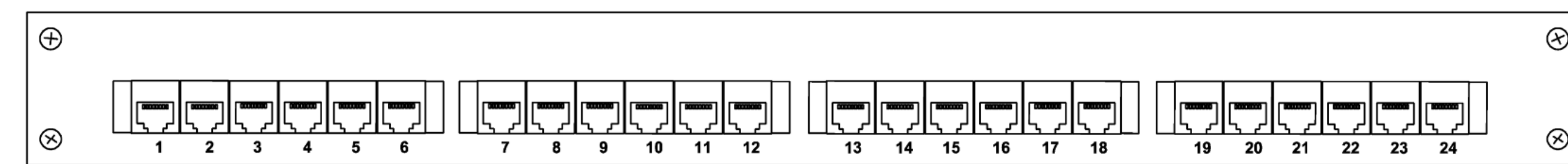
TENANT'S VENDOR TO SUPPLY ONE U RACK MOUNTED SHELF

CONTRACTOR TO SUPPLY - STANDARD STORE CONFIGURATION

- 90 MINIMUM FIXED WALL MOUNTABLE CABINET 20" MINIMUM CABINET DEPTH, CABINET TO HAVE UNIVERSAL SQUARE HOLE MOUNTING RAILS, LOCKABLE FRONT DOOR, REMOVABLE SIDE PANELS AND SLOTS FOR CABLE ROUTING ACCESS.
 - U, 24 PORT CAT 6 RACK MOUNT PATCH PANEL - SEE WIRING DETAIL (B)
 - U RACK MOUNTABLE POWER STRIP WITH SURGE SUPPRESSION, 15 AMP 1500 WATT POWER RATING, 8 REAR FACING OUTLETS MINIMUM.
 - U RACK MOUNTED SHELF
- FOR STORES BEING RETROFITTED: THE 90 CABINET IS TO BE MOUNTED IN THE BEST AVAILABLE LOCATION NEAREST THE BACK OFFICE MANAGERS DESK. THE CABINET IS TO BE MOUNTED NO HIGHER THAN 6 FOOT TO THE CENTERLINE OF THE CABINET. CABINET SHALL BE INSTALLED SECURELY TO THE WALL AND ABLE TO HANDLE 150 POUNDS OF WEIGHT.
- IN NEW STORE BUILDS THE CABINET IS TO BE MOUNTED CLOSE TO THE BACK OFFICE MANAGERS DESK.
- GENERAL CONTRACTOR SHALL PROVIDE NECESSARY BLOCKING AS REQUIRED TO HANDLE THE 150 LB LOAD.

NETWORKING CABINET WIRING DETAIL

NO SCALE



ALL DATA CABLING TO BE TERMINATED TO TIA/EIA-B STANDARD WITH T568B PIN OUT. ALL DATA CABLING WILL BE TESTED AND CERTIFIED TO PASS CATEGORY 6 IEEE STANDARDS.

PATCH PANEL TO BE MOUNTED IN WALL MOUNTED NETWORKING CABINET (SEE DETAILS (A))

SINGLE STORE CONFIGURATION EXAMPLE

- SIZE OF THE CASH WRAP AND NUMBER OF REGISTERS WILL VARY PER DESIGN, 24- PORT MINIMUM CAT 6 RACK MOUNT PATCH PANEL (CONTRACTOR TO SUPPLY)
- ALL STORE BRANDS - JACKS D-001 - D-006 (ACTUAL PANEL PORT 1 - 6)
- WIRELESS ACCESS POINTS (WAP) - WAP-001 - WAP-002 (ACTUAL PANEL PORT 14 - 15)
- LIGHTHAUS JACKS LH-001 - LH-004 (ACTUAL PANEL PORT 19 - 22)
- LABELING AT BOTH ENDS OF CABLE RUN MUST MATCH (EXAMPLE: PORT 1 ON THE PATCH PANEL + D-001 ON PANEL LABEL AND DATA OUTLET)
- MECHANICALLY PRODUCED LABELS MUST BE USED FOR ALL LABELS

COMBO STORE CONFIGURATION EXAMPLE

- SIZE OF THE CASH WRAP AND NUMBER OF REGISTERS WILL VARY PER DESIGN, 48- PORT MINIMUM CAT6 RACK MOUNT PATCH PANEL (CONTRACTOR TO SUPPLY)
- LEAVE MINIMUM OF 4 OPEN PATCH PANEL PORTS BEFORE START OF NEXT GROUP AND REPEAT AFTER EACH GROUP
- ALL STORE BRANDS INCLUDED IN ONE GROUP JACKS D-001 - D-006 (ACTUAL PANEL PORT 1 - 28)
- WIRELESS ACCESS POINTS (WAP) WAP-001 - WAP-004 (ACTUAL PANEL PORT 33 - 36)
- LIGHTHAUS LH-001 - LH-004 (ACTUAL PANEL PORT 41 - 44)
- (APPLY LABELING TO MATCH, MECHANICALLY PRODUCED LABELS MUST BE USED FOR ALL LABELS)

PATCH PANEL (NETWORKING CABINET) WIRING DETAIL

NO SCALE

Foot Locker, Inc.

GLOBAL STORE DEVELOPMENT
330 WEST 34TH STREET
NEW YORK, NY 10001



LDG Engineers and Architects, PC
1000 COMMERCE PARK DRIVE
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SHEET TITLE
MISCELLANEOUS ELECTRICAL DETAILS

SHEET NO. **E4.0**
28 of 29

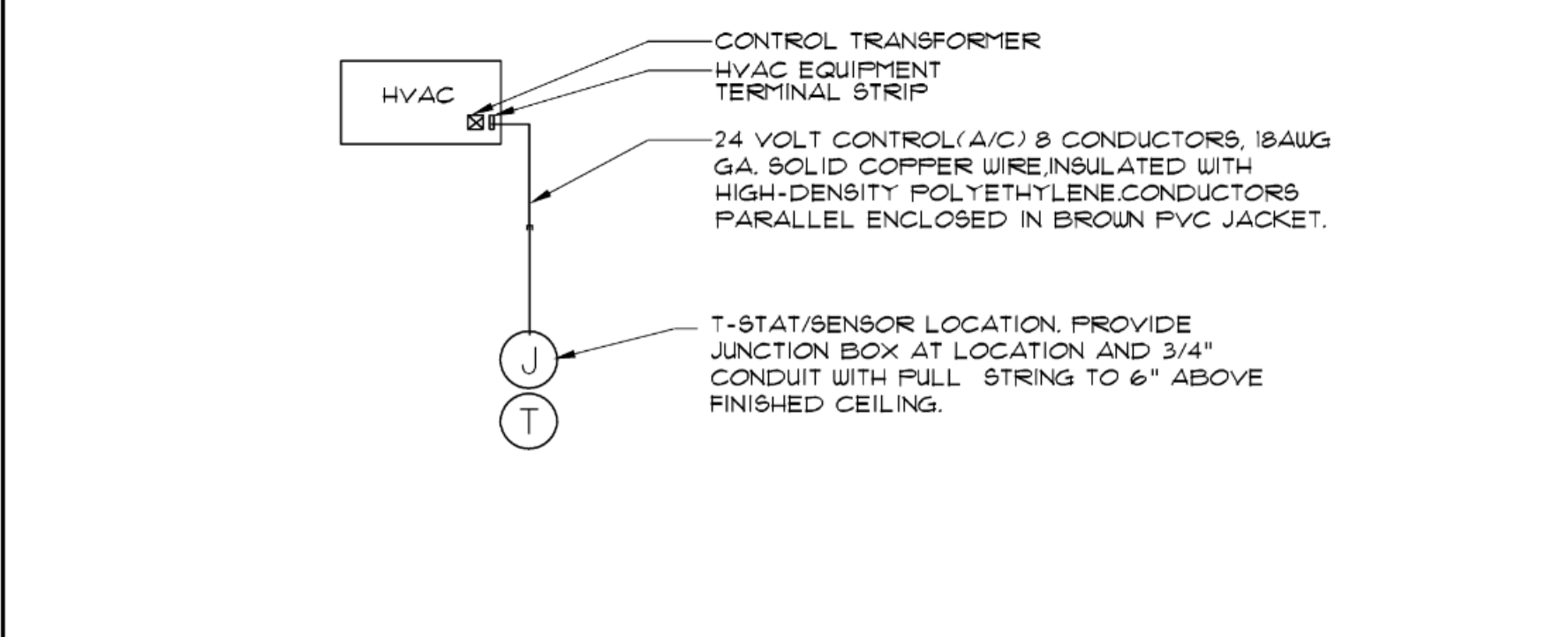
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KEITH A. ISNER
Lic. No. 402059070
Professional Engineer

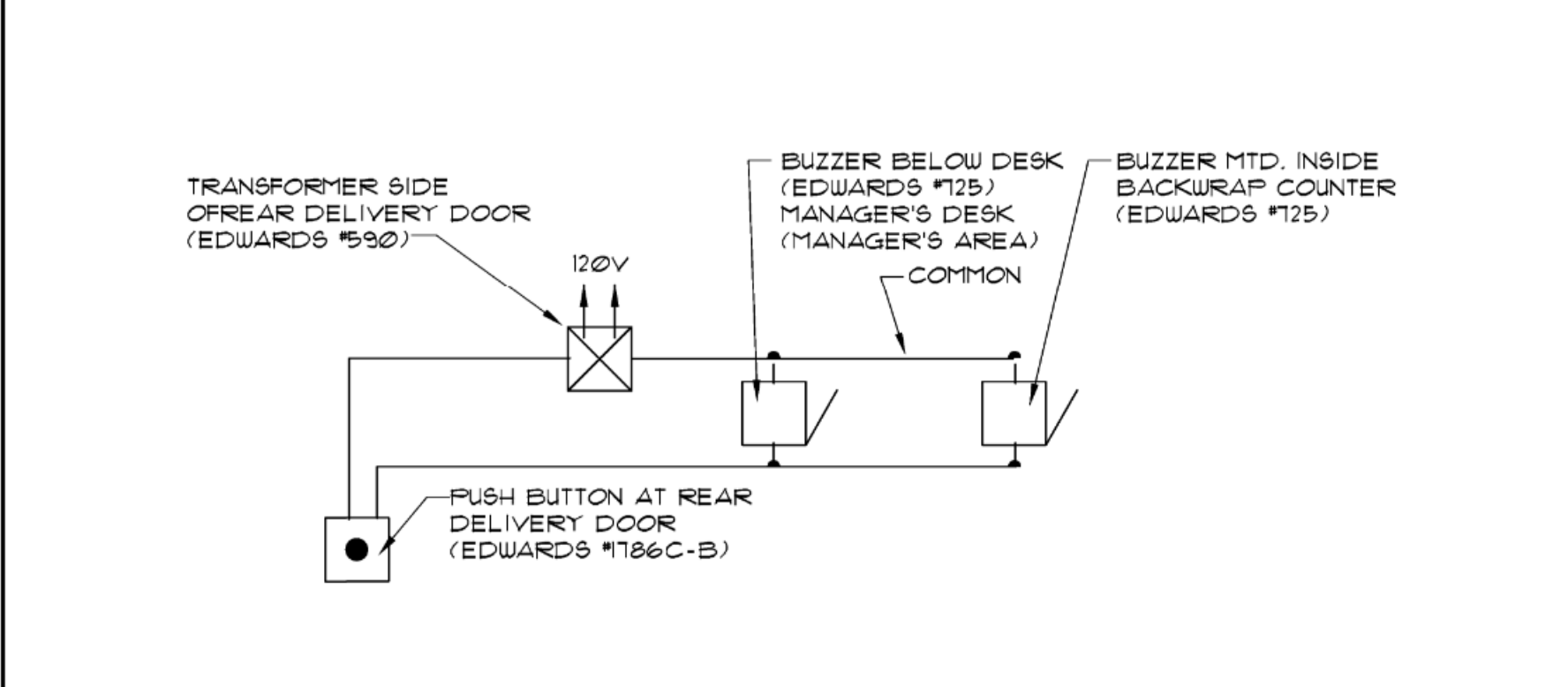


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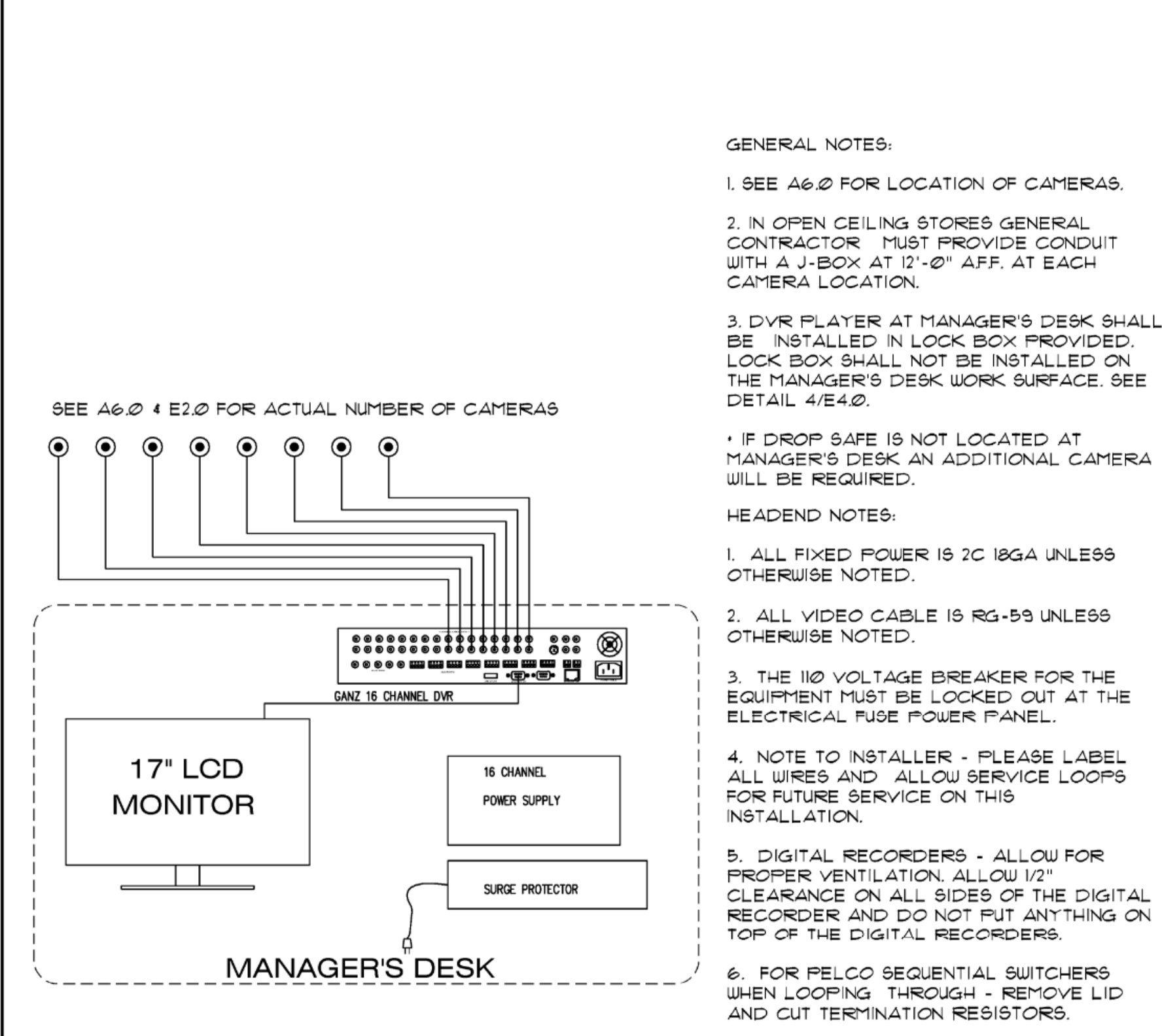
NOTICE TO GENERAL CONTRACTOR:
SEE DRAWING E4.0 FOR DATA AND VOICE SYSTEMS SPECIFICATIONS.



11 HVAC THERMOSTAT WIRING NO SCALE

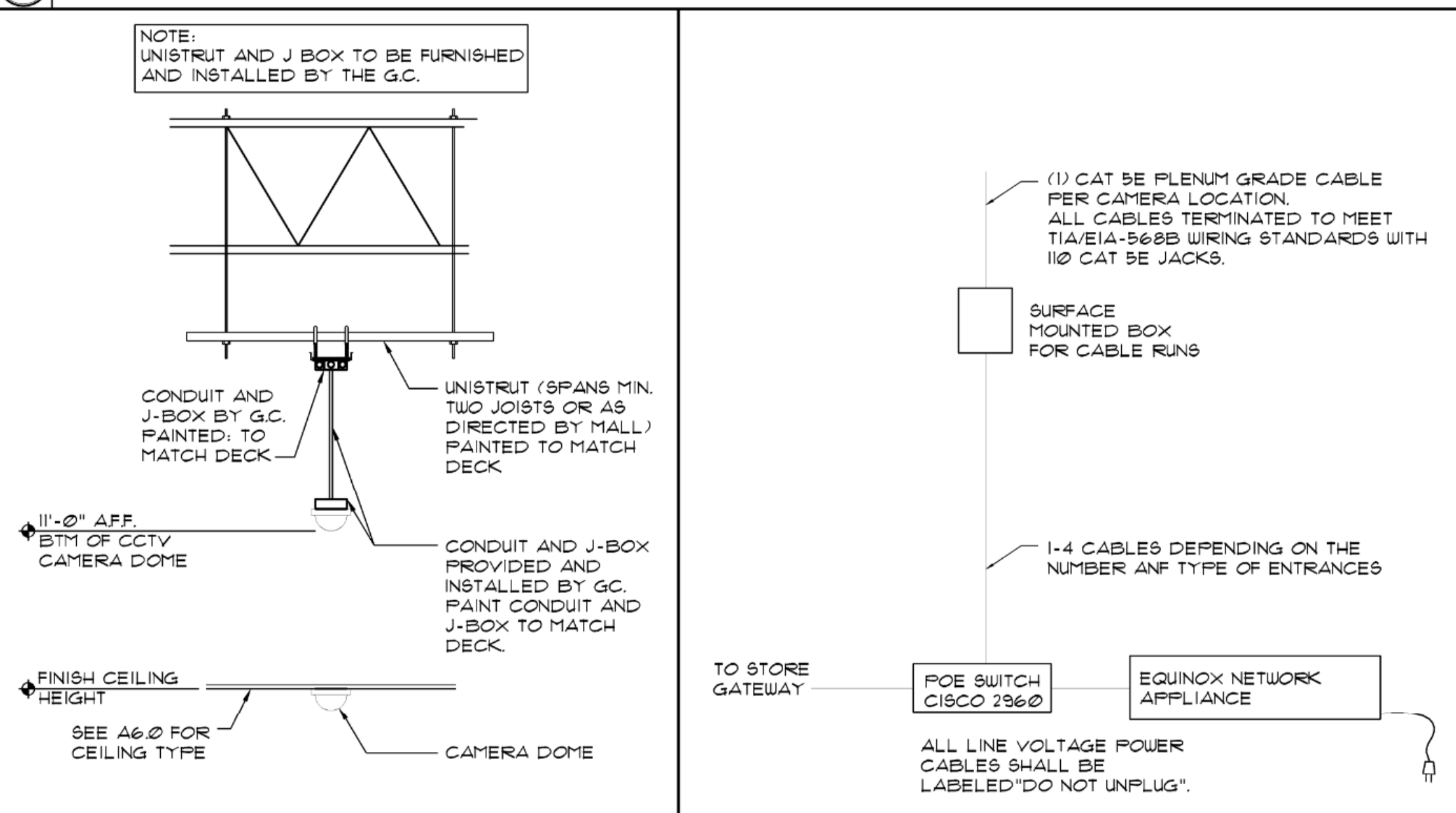


10 REAR SERVICE DOOR BUZZER SYSTEM NO SCALE

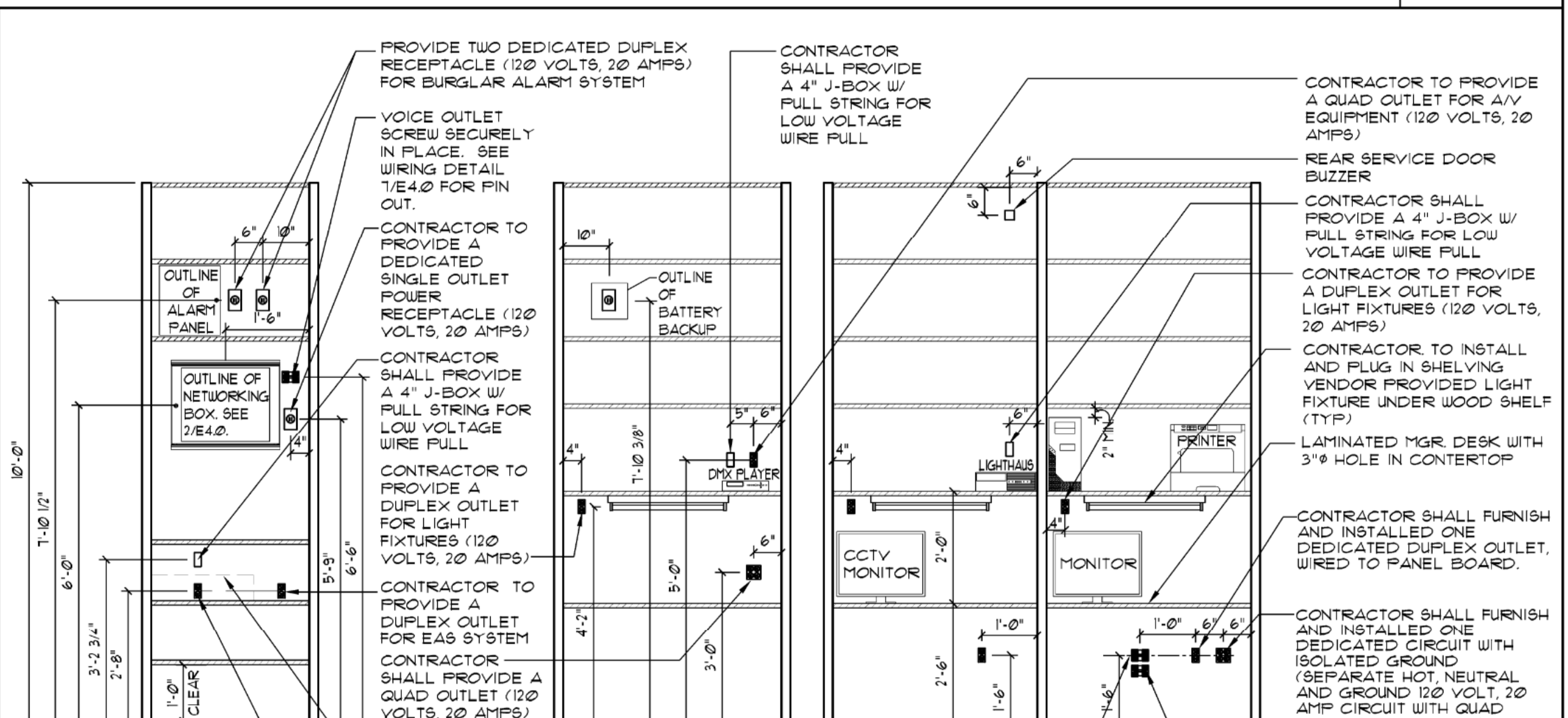


9 CCTV SYSTEM SCHEMATIC NO SCALE

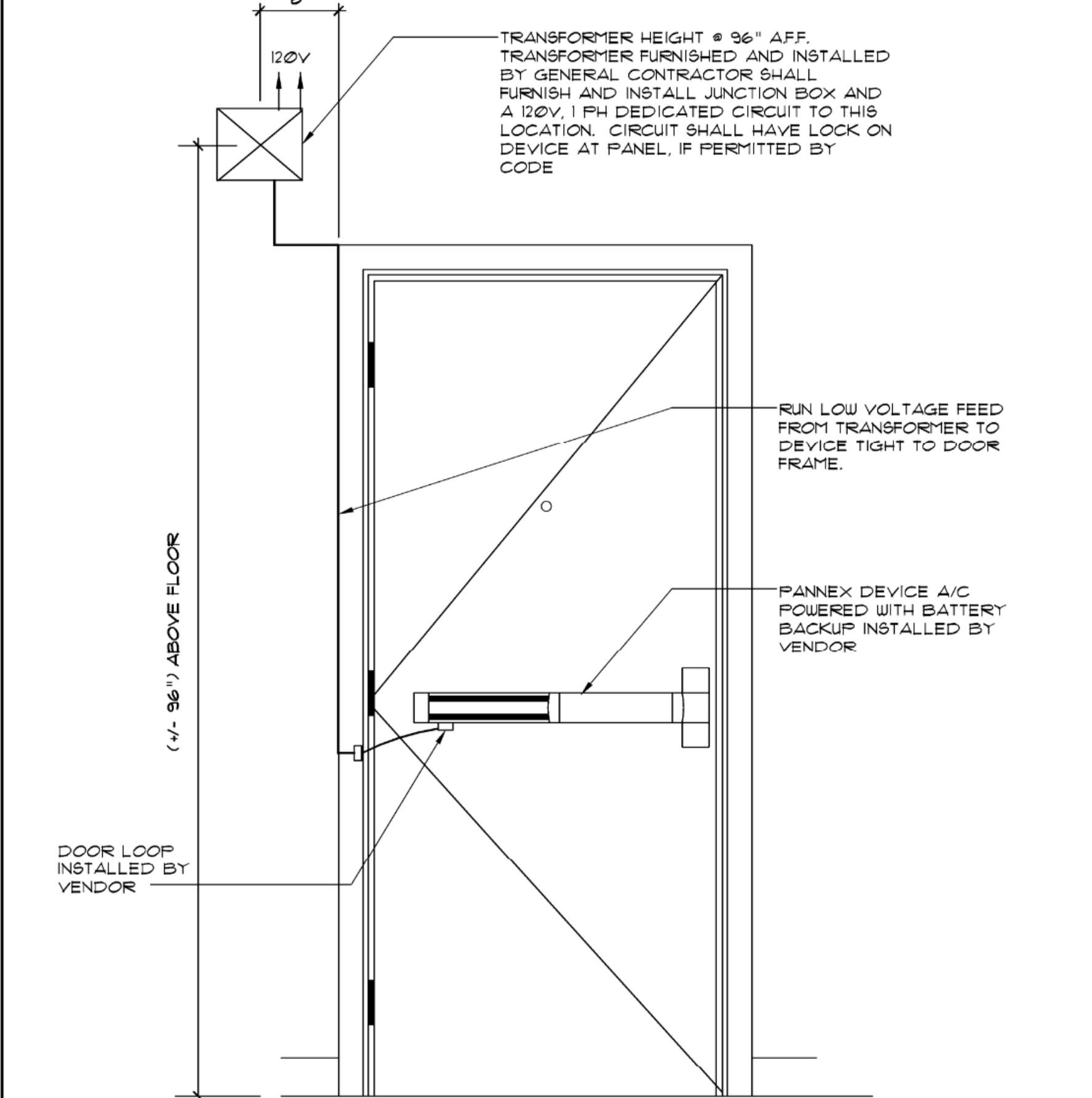
3 CASHWRAP WIRING DETAIL



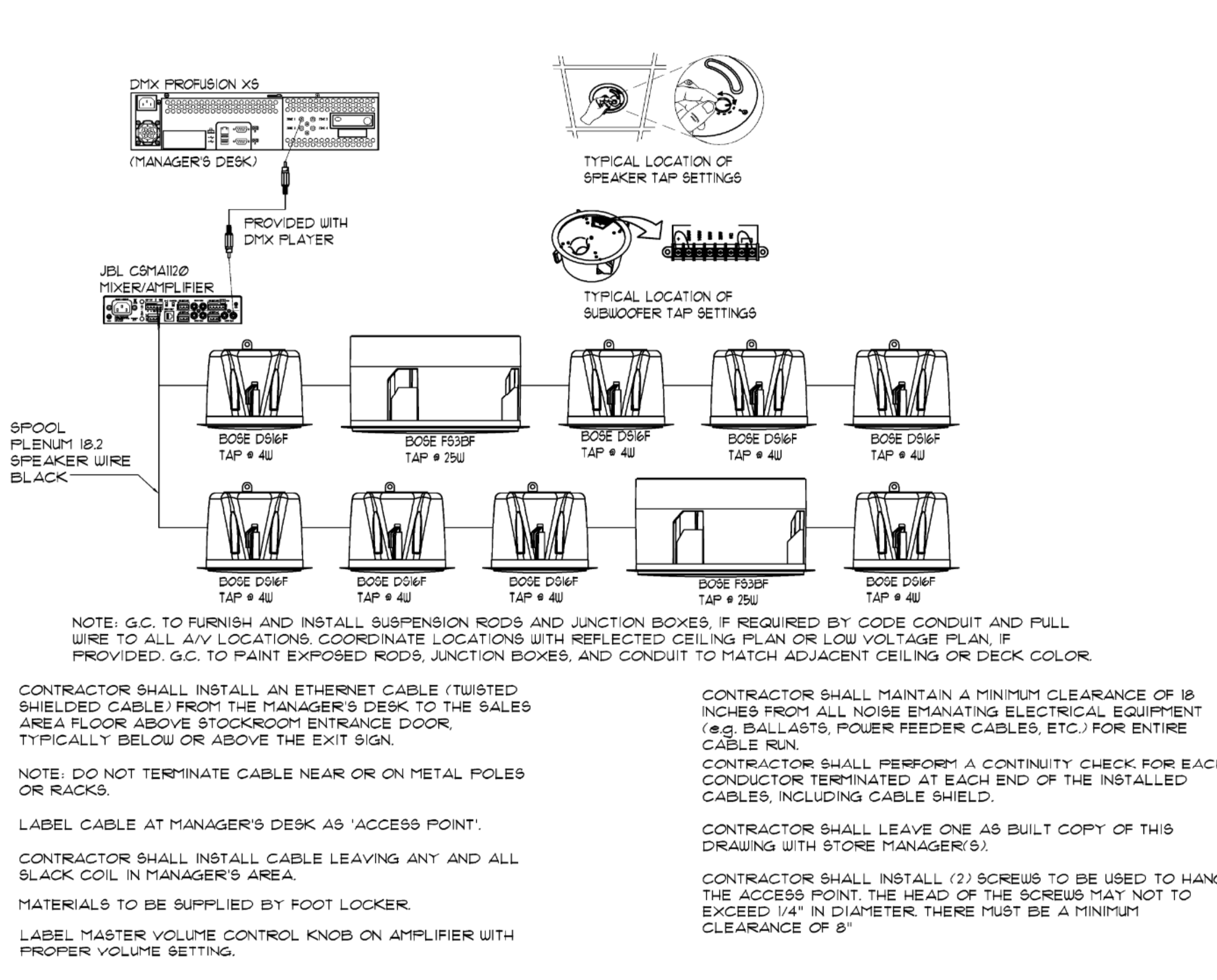
5 CCTV SYSTEM MOUNTING DETAILS NO SCALE



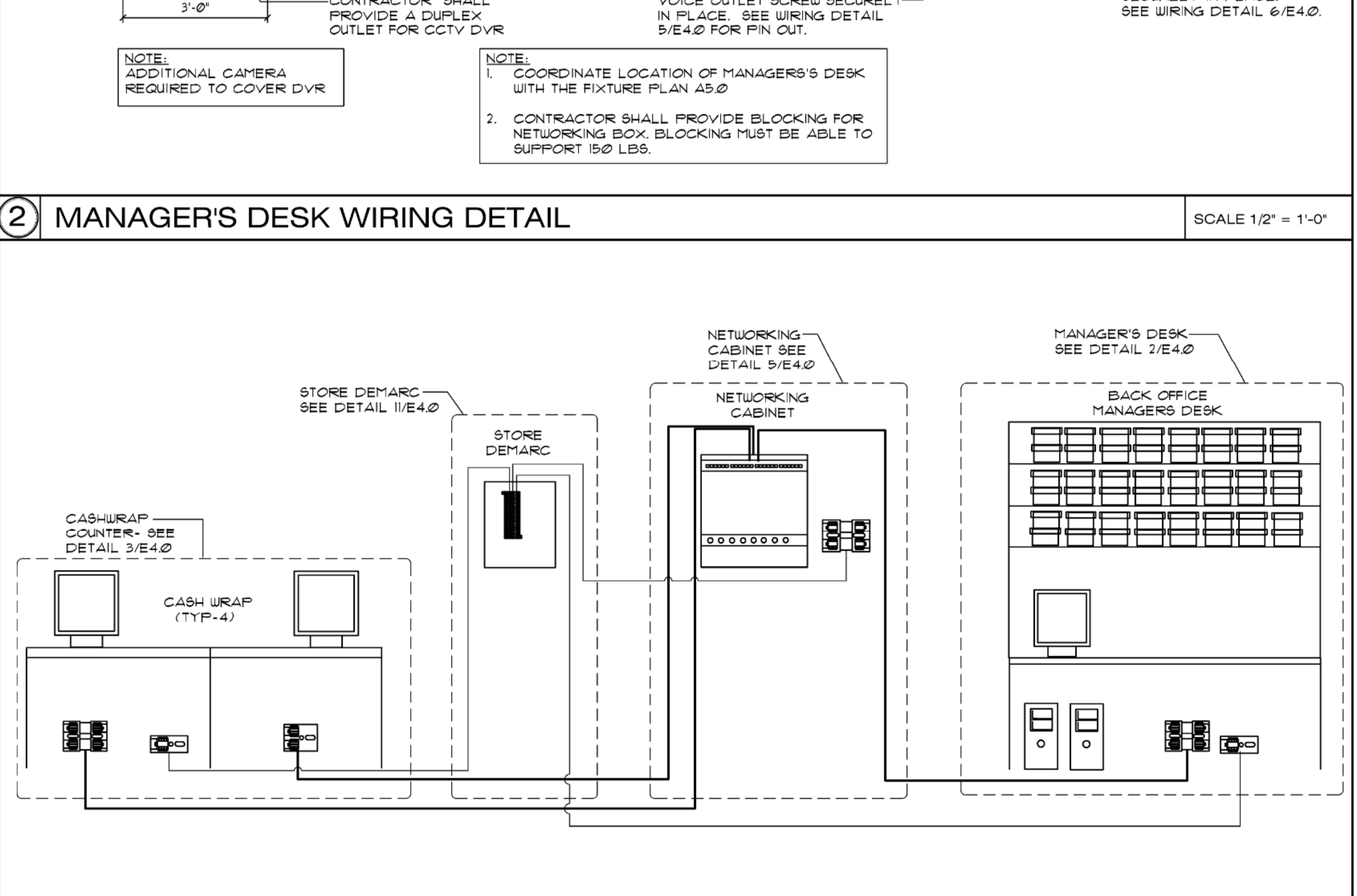
6 LIGHTHAUSE SYSTEM NO SCALE



8 REAR SERVICE DOOR EXIT ALARM NO SCALE



4 AUDIO SYSTEM WIRING DIAGRAM NO SCALE



2 MANAGER'S DESK WIRING DETAIL NO SCALE

1 DATA/VOICE SYSTEM OVERVIEW NO SCALE

SHEET TITLE
MISCELLANEOUS ELECTRICAL DETAILS
E4.1
29 of 29

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KEITH A. ISNER
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PROFESSIONAL ENGINEER



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Section # & Req. ID	Rough-in Electrical Inspection	Complies?	Comments/Assumptions
C405.2.3.1	Daylight zones provided with individual controls that control the lights independent of general area lighting. See code section C405.2.3.2	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.4	Separate lighting control devices for specific uses installed per approved lighting plans.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.4	Additional interior lighting power allowed for special functions per the approved lighting plans and is automatically controlled and separated from general lighting.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.3	Exit signs do not exceed 5 watts per face.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.6	Low-voltage dry-type distribution electric transformers meet the minimum efficiency requirements of Table C405.6.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.7	Electric motors meet the minimum efficiency requirements of Tables C405.7.1 through C405.7.4. Efficiency verified through certification under an approved certification program or the equipment efficiency rating shall be provided by motor manufacturer (where certification programs do not exist).	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.8.2	Escalators and moving walks comply with ASME A17.1/CSA B44 and have automatic controls configured to reduce speed to the minimum permitted speed in accordance with ASME A17.1/CSA B44 or applicable local code when not conveying passengers.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.9	Total voltage drop across the combination of feeders and branch circuits <= 3%.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

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

Project Title: Foot Locker 25019 - Mclean, VA Report date: 08/01/23
Data filename: Page 4 of 5

COMcheck Software Version COMcheckWeb
Inspection Checklist
Energy Code: 2018 IECC

Requirements: 78.0% were addressed directly in the COMcheck software. Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req. ID	Plan Review	Complies?	Comments/Assumptions
C103.2 (PR4)	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the interior lighting and electrical systems and equipment and document where exceptions to the standard are claimed. Information provided should include interior lighting power calculations, wattage of bulbs and ballasts, transformers and control devices.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

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

Project Title: Foot Locker 25019 - Mclean, VA Report date: 08/01/23
Data filename: Page 2 of 5

Section # & Req. ID	Final Inspection	Complies?	Comments/Assumptions
C408.2.5.2 (F117)	Furnished O&M instructions for systems and equipment to the building owner or designated representative.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.4.1 (F118)	Interior installed lamp and fixture lighting power is consistent with what is shown on the approved lighting plans, demonstrating proposed watts are less than or equal to allowed watts.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Interior Lighting fixture schedule for values.
C408.1.1 (F157)	Building operations and maintenance documents will be provided to the owner. Documents will cover manufacturers' information, specifications, programming procedures and means of illustrating to owner how building equipment and systems are intended to be installed, maintained, and operated.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C408.2.5.2 (F116)	Furnished as-built drawings for electric power systems within 90 days of system acceptance.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C408.3 (F133)	Lighting systems have been tested to ensure proper calibration, adjustment, programming, and operation.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

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

Project Title: Foot Locker 25019 - Mclean, VA Report date: 08/01/23
Data filename: Page 5 of 5

Section # & Req. ID	Rough-in Electrical Inspection	Complies?	Comments/Assumptions
C405.2.2 (EL22)	Spaces required to have light-reduction controls have a manual control that allows the occupant to reduce the connected lighting load in a reasonably uniform illumination pattern >= 50 percent.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.1 (EL18)	Occupancy sensors installed in classrooms/lecture/training rooms, conference/meeting/multipurpose rooms, copy/print rooms, lounges/breakrooms, enclosed offices, open plan office areas, restrooms, storage rooms, locker rooms, warehouse storage areas, and other spaces <= 300 sq ft that are enclosed by floor-to-ceiling height partitions. Reference section language C405.2.1.2 for control function in warehouses and section C405.2.1.3 for open plan office spaces.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.1 (EL19)	Occupancy sensors control function in warehouses: In warehouses, the lighting in aislesways and open areas is controlled with occupant sensors that automatically reduce lighting power by 50% or more when the areas are unoccupied. The occupant sensors control lighting in each aisleway independently and do not control lighting beyond the aisleway being controlled by the sensor.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.1 (EL20)	Occupant sensor control function in open plan office areas: Occupant sensor controls in open office spaces >= 300 sq ft. have controls 1) configured so that general lighting can be controlled separately in control zones with floor areas <= 600 sq ft. within the space. 2) automatically turn off general lighting in all control zones within 20 minutes after all occupants have left the space. 3) are configured so that general lighting power in each control zone is reduced by >= 80% of the full zone general lighting power within 20 minutes of all occupants leaving that control zone, and 4) are configured such that any daylight responsive control will activate space general lighting or control zone general lighting only when occupancy for the same area is detected.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.2 (EL21)	Each area not served by occupancy sensors (per C405.2.1) have time-switch controls and functions detailed in sections C405.2.2.1 and C405.2.2.2.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

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

Project Title: Foot Locker 25019 - Mclean, VA Report date: 08/01/23
Data filename: Page 3 of 5

COMcheck Software Version COMcheckWeb
Interior Lighting Compliance Certificate

Project Information
Energy Code: 2018 IECC
Project Title: Foot Locker 25019 - Mclean, VA
Project Type: Alteration

Construction Site: 19621 Chain Bridge Rd Mclean, Virginia 22003
Owner/Agent: Foot Locker 330 West 34th St New York, New York 10001
Designer/Contractor: Larson Design Group 1000 Commerce Park Drive Williamsport, Pennsylvania 17701 570-244-3478 bdehaas@larsondesigngroup.com

A Area Category	B Floor Area (ft ²)	C Allowed Watts / R2	D Allowed Watts	
			E	F
1-Foot Locker Sales area (Retail-Sales Area)	11395	1.22	13902	
			Total Allowed Watts =	13902

Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	A	B Lamps/ Fixture	C # of Fixture	D E F	
				G	H
Foot Locker Sales area (Retail-Sales Area, 11395 sq.ft.)					
LED-A: 6" LED DOWNLIGHT; Other:		1	13	45	580
LED-P: 16" DIA. LED DOME PENDANT; Other:		1	4	13	52
LED-F: 4" & 6" LED STRIP; Other:		1	60	30	1800
Track Lighting-T1: LED TRACK; Wattage based on current limiting device capacity		0	0	1440	1440
Track Lighting-T1: LED TRACK; Wattage based on current limiting device capacity		0	0	1440	1440
Track Lighting-T1: LED TRACK; Wattage based on current limiting device capacity		0	0	1440	1440
Track Lighting-T1: LED TRACK; Wattage based on current limiting device capacity		0	0	1440	1440
Track Lighting-T1: LED TRACK; Wattage based on current limiting device capacity		1	84	27	2268
LED-B AND B-NL: 24" DIAMETER STEP NECK DOME; Other:					
				Total Proposed Watts =	10940

Interior Lighting PASSES

Interior Lighting Compliance Statement
Compliance Statement: The proposed interior lighting alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2018 IECC requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Joe Locke - Sr. Electrical Designer Joe Locke 08/02/2023
Name - Title Signature Date

Project Title: Foot Locker 25019 - Mclean, VA Report date: 08/01/23
Data filename: Page 1 of 5

SHEET TITLE
COMCHECK

SHEET NO. **E4.2**
29 of 29

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