

Publix super markets, inc.



**PUBLIX STORE #0266 - PUBLIX WINE AND SPIRITS
PUNTA GORDA CROSSING
2310 TAMIAMI TRAIL UNIT 1157
PUNTA GORDA, FLORIDA 33950**

EVERGREEN DÉCOR

NOTE: RETAIL SHELL IS UNDER SEPARATE PERMIT. CONSTRUCTION SHOWN AS "EXISTING CONDITIONS" REFLECTS WORK TO BE CONSTRUCTED UNDER THAT PERMIT.

**INTERIOR REMODEL
ALTERATION LEVEL THREE
INDEX OF DRAWINGS**

COVER SHEET
COV COVER SHEET

PROJECT MANUAL
REFERENCE PUBLIX SUPER MARKETS, INC. STANDARD REMODEL SPECIFICATIONS (NOT IN SET--AVAILABLE AT PUBLIX CORPORATE FACILITIES DESIGN DEPT. OR JACOBS ORLANDO OFFICE)

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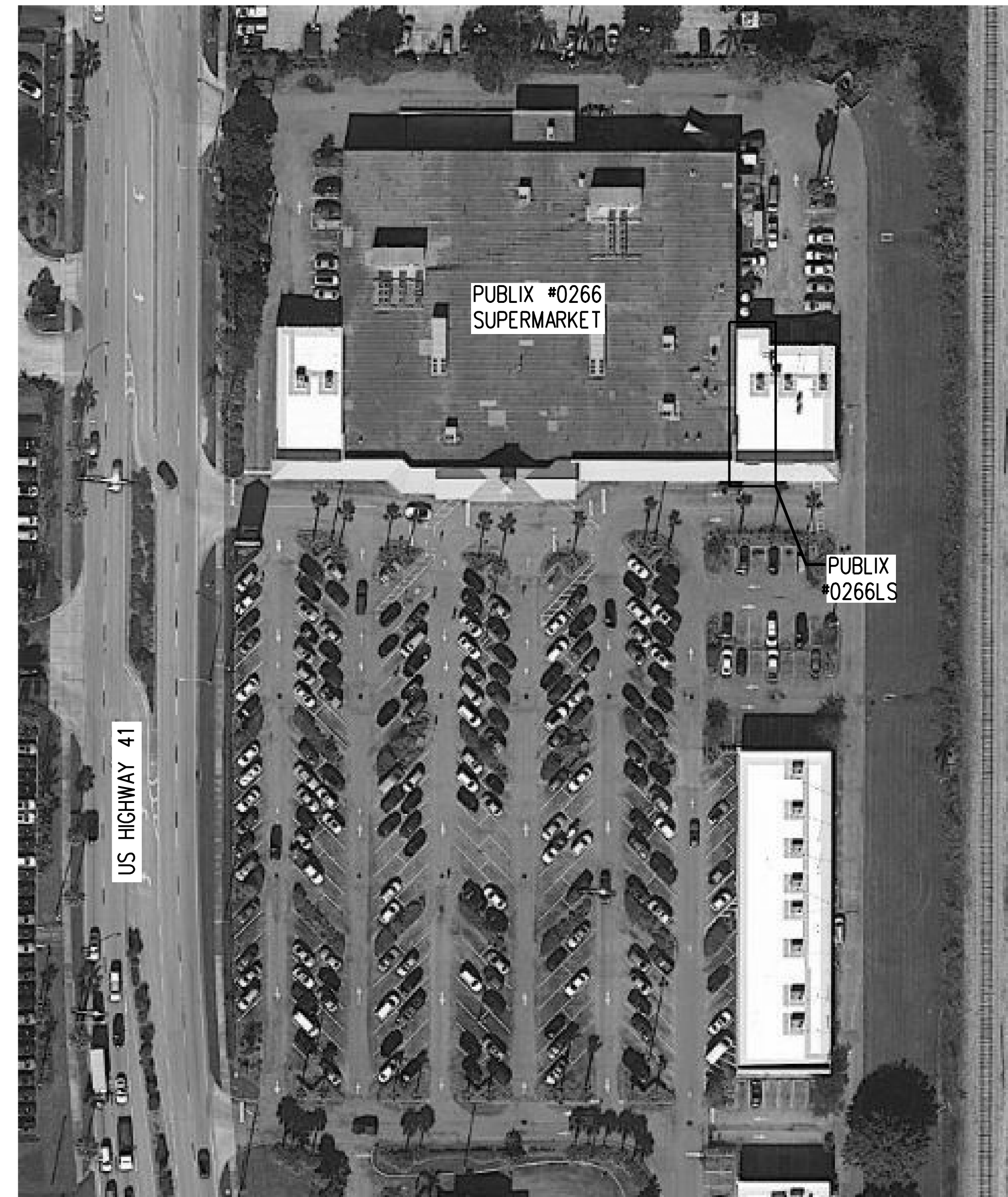
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VICINITY MAP (NTS)



LOCATION MAP (NTS)



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VALID THRU: 02/28/25

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VALID THRU: 02/28/25

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REGISTERED ELECTRICAL ENGINEER: FLORIDA REG. #PE67334
VALID THRU: 02/28/25

PROFESSIONAL CERTIFICATIONS

Jacobs Project No.: F6-W752-00-0266LS

**PUBLIX STORE #0266 - PUBLIX WINE AND SPIRITS
PUNTA GORDA CROSSING
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JACOBS
Florida Architectural Corporation License #AAC001790
Florida Engineering Certificate Authorization #2822

CODE REVIEW

GENERAL INFORMATION

SUMMARY:
 EXISTING FACILITY IS A SINGLE STORY METAL FRAME STRUCTURE WITH NON-COMBUSTIBLE CMU EXTERIOR WALLS, AND INSULATED ROOFING SYSTEM. RENOVATION OF EXISTING STRUCTURE IS A TENANT BUILDOUT COMPRISED OF FINISHES, FURNISHINGS, PLUMBING, HVAC, ELECTRICAL STRUCTURAL, REFRIGERATION AND FIRE PROTECTION.

SPACE GROSS FLOOR AREA:
 NEW PUBLIX WINE AND SPIRITS: 1520 SQ FT.
 NEW PUBLIX WINE AND SPIRITS: 1630 SQ FT.

CONSTRUCTION TYPE:
 TYPE II-B (FULLY SPRINKLERED)
 GROUP M (MERCANTILE)

FIRE RATING REQUIREMENTS:
 EXISTING 1-HR UL U901 (SIM) TENANT SEPARATION WALL TO BE MAINTAINED AT PLAN WEST AND 1-HR UL U465 TENANT SEPARATION WALL AT PLAN EAST. REF SHEET A-5 FOR NEW FIRESTOPPING DETAILS.

APPLICABLE BUILDING CODES:
 FBC - FLORIDA BUILDING CODE 7th EDITION (2020)
 ARCHITECTURAL: FBC, BUILDING 7th EDITION (2020)
 FACBC, FLORIDA ACCESSIBILITY CODE 7th EDITION (2020)
 MECHANICAL: FBC, MECHANICAL 7th EDITION (2020)
 FBC, ENERGY CONSERVATION 7th EDITION (2020)
 PLUMBING: FBC, PLUMBING 7th EDITION (2020)
 FUEL GAS: FBC, FUEL GAS 7th EDITION (2020)
 ELECTRICAL: NFPA 70 - 2017 NATIONAL ELECTRICAL CODE
 FIRE PREVENTION AND LIFE SAFETY: FFPC, FLORIDA FIRE PREVENTION CODE 7th EDITION
 NFPA 1, FIRE CODE, 2018 EDITION
 NFPA 101, LIFE SAFETY CODE, 2018 EDITION

GENERAL REQUIREMENTS:
 MAXIMUM TRAVEL DISTANCE (FULLY SPRINKLERED): 250 FT FBC TABLE 1017.2 AND FFPC 36.2.6.2)
 MAXIMUM COMMON PATH OF TRAVEL: 75 FT FBC TABLE 1006.2.1(100 FT PER FFPC 36.2.5.3)
 MAXIMUM DEAD END CORRIDOR LENGTH: 50 FT FBC SECTION 1020.4 AND FFPC 36.2.5.2.1
 EGRESS WIDTH PER PERSON SERVED (LEVEL): .2 INCHES FBC SECTION 1005.3.2 AND FFPC TABLE 7.3.3.1
 MINIMUM CORRIDOR/AISLE WIDTH: 44 INCHES FBC SECTION 1020.2 AND FFPC 36.2.5.5
 36 INCHES OCCUPANT LOAD SERVED LESS THAN 50
 MINIMUM CLEAR OPENING OF EXIT DOORS: 32 INCHES FBC SECTION 1010.1.1 AND FFPC 7.2.1.2.3



ARCHITECT OF RECORD
 NAME: JOHN K. McFARLAND, P.E.
 REGISTRATION: FLORIDA REG #WAS03212

Revision:
 Date: By: Description:

MEANS OF EGRESS CAPACITY CALCULATIONS

TOTAL OCCUPANT LOAD: (FBC 2020 - TABLE 1004.5)(FFPC - TABLE 7.3.1.2 - MOST STRINGENT)
 PUBLIX WINE AND SPIRITS:
 SALES AREA: 44 OCCUPANTS
 BUSINESS AREA: 2 OCCUPANTS
 STORAGE AREA: 1 OCCUPANTS
 TOTAL OCCUPANT LOAD: 47 OCCUPANTS

MINIMUM MEANS OF EGRESS CAPACITY: (FBC 2020 SECTION 1005.3.2)
 REQUIRED:
 (TOTAL OCCUPANT LOAD X EGRESS WIDTH PER PERSON SERVED)
 47 OCCUPANTS X 0.2 IN/PERSON = 9.4 INCHES

TOTAL MEANS OF EGRESS CAPACITY PROVIDED:
 ENTRANCE DOOR: #101A = 72 INCHES
 REAR DOOR: #101D = 36 INCHES
 TOTAL: 108 INCHES

PUBLIC ENTRANCE REQUIREMENTS:
 TOTAL NUMBER OF PUBLIC ENTRANCES PROVIDED: 1
 MINIMUM NUMBER OF ACCESSIBLE PUBLIC ENTRANCES REQUIRED BY FBC: 1 (60% OF TOTAL)
 TOTAL NUMBER OF ACCESSIBLE PUBLIC ENTRANCES PROVIDED: 1

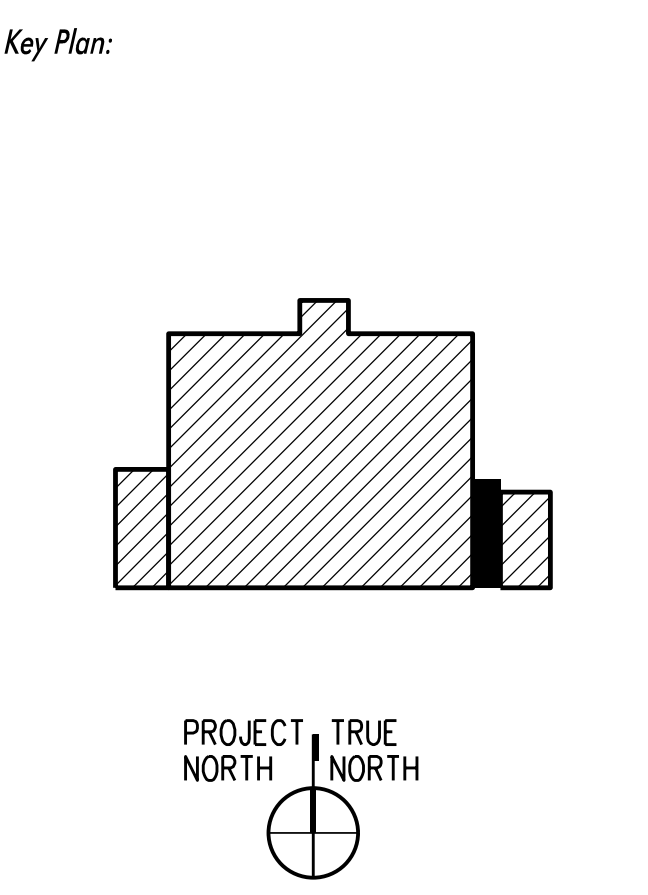
EXIT REQUIREMENTS: (FBC 2020 - TABLE 1006.2.1)
 MINIMUM NUMBER OF EXITS REQUIRED BY BUILDING CODE: (WHERE TRAVEL DISTANCE MAY EXCEED 75 FT = 2)
 TOTAL NUMBER OF EXITS PROVIDED: 1

OCCUPANT LOAD CALCULATIONS			
SALES AREA			
Occupant Load Per FBC Table 1004.5 - FBC and/or FFPC Table 7.3.1.2 NOT SHADED			
Sales Area: 30 Gross SF Per Occupant - FFPC most stringent (Occupant Factor 0.1)			
AREA	GROSS SF	O.F.	OCCUPANTS
MERCANTILE: (Grade floor areas open to public)	1303	30	44
BUSINESS AREA			
Minimum Occupant Load Per Table 1004.5 - FBC and/or FFPC Table 7.3.1.2			
Business Area: 150 Gross SF Per Occupant (Occupant Factor 0.1)			
AREA	GROSS SF	O.F.	OCCUPANTS
CUSTOMER SERVICE COUNTER AREA AND RESTROOMS:	157	150	2
STORAGE AREA			
Minimum Occupant Load Per Table 1004.5 - FBC			
Storage Area: 300 Gross SF Per Occupant (Occupant Factor 0.1)			
AREA	GROSS SF	O.F.	OCCUPANTS
STORAGE AREAS: (Not open to public mercantile areas)	60	300	1

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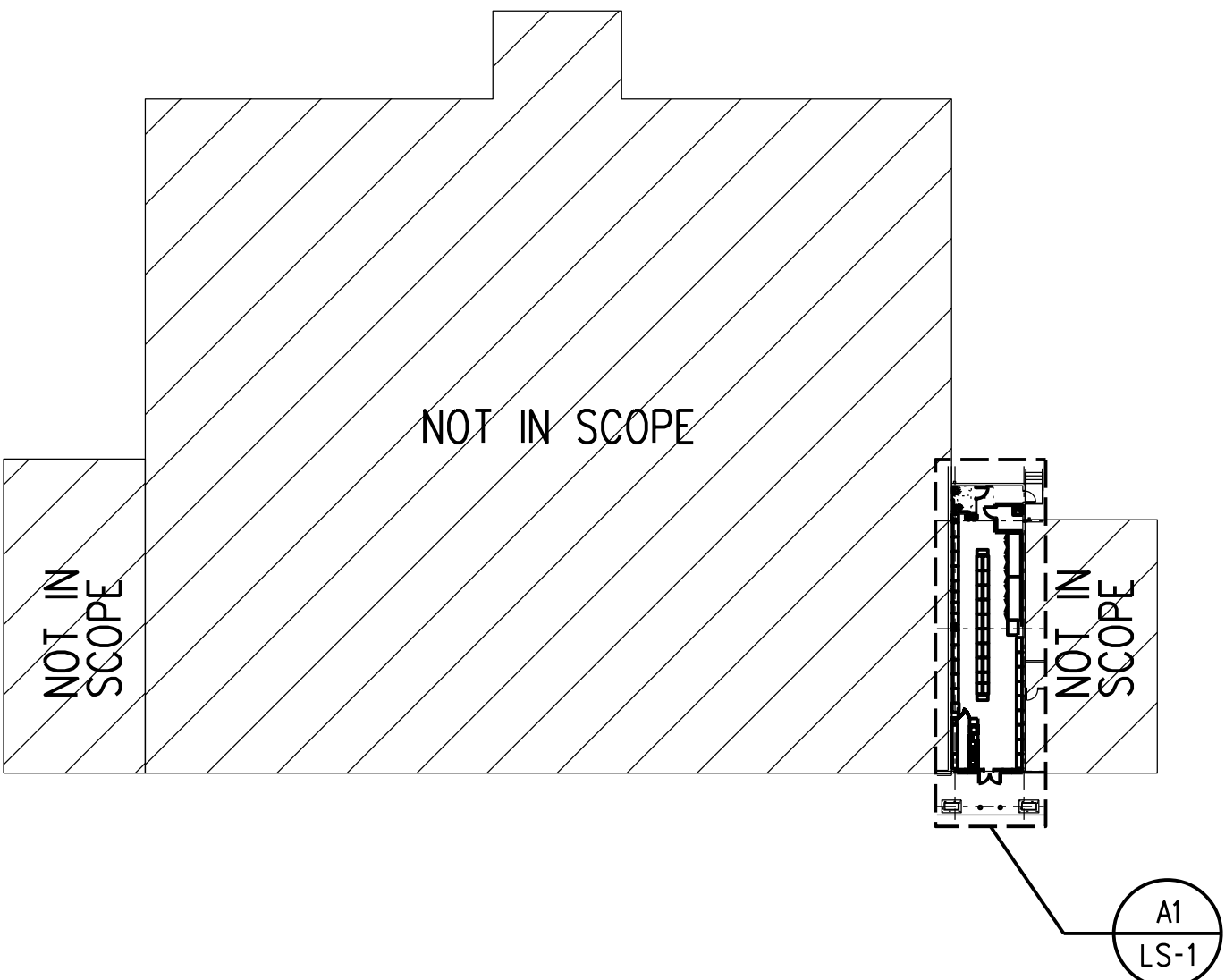
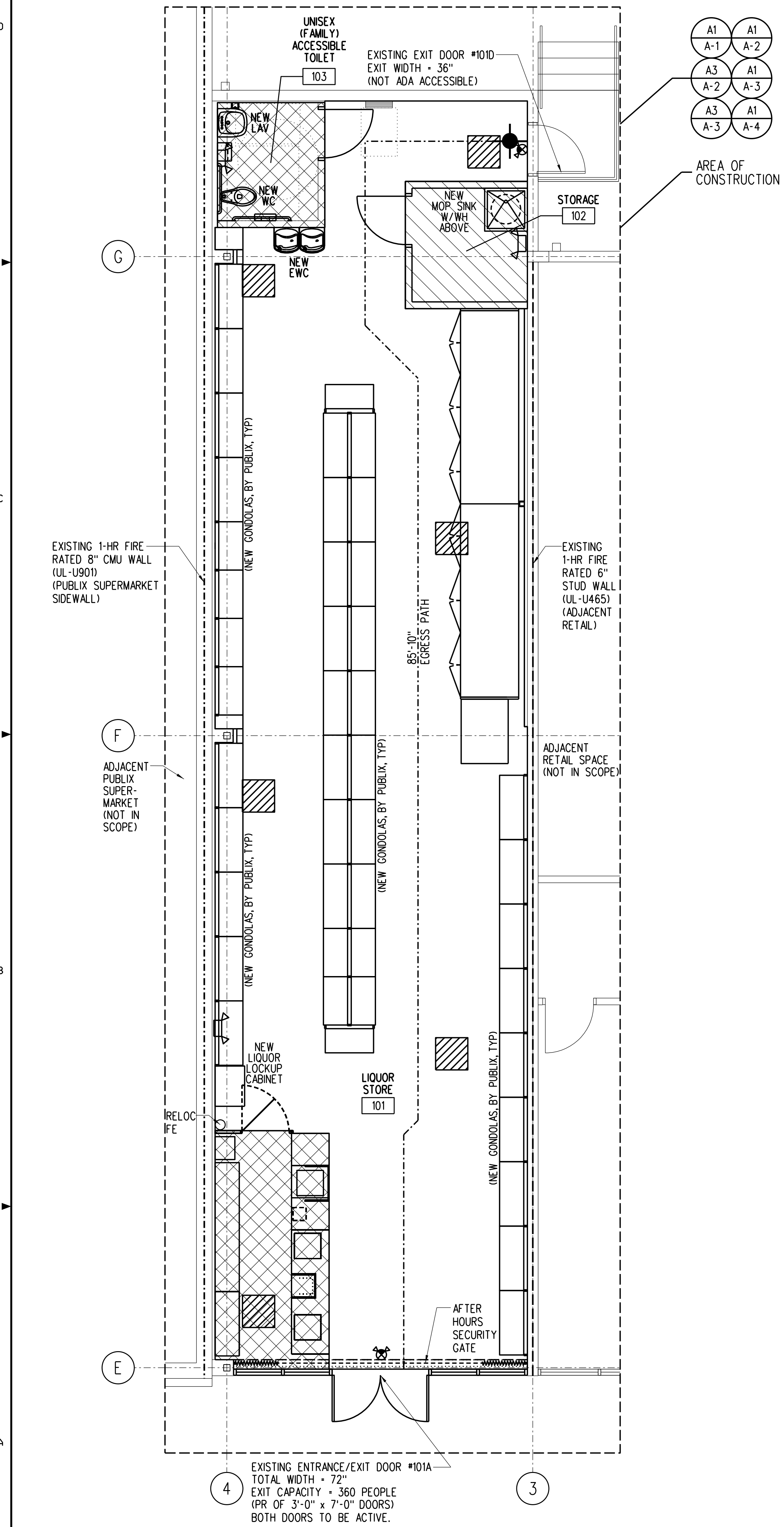
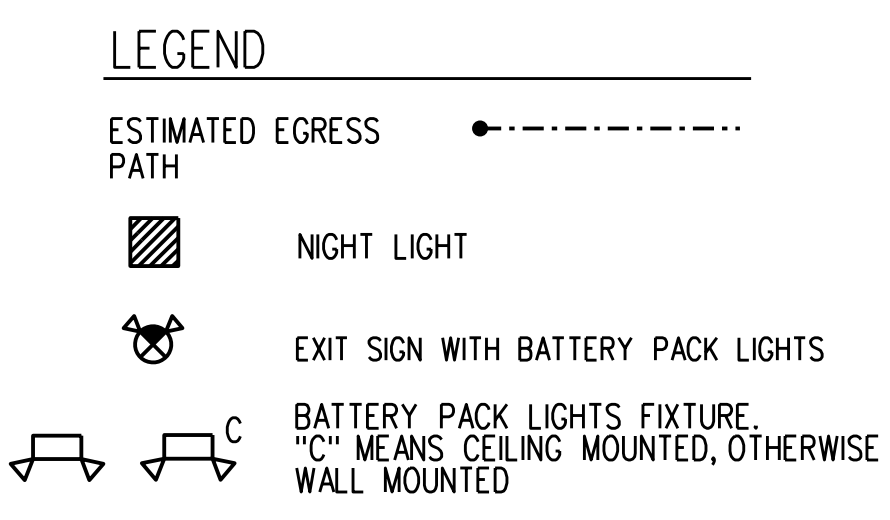
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Jacobs Project No.: F6-W752-00-0266LS
 Drawing Title:

CODE REVIEW AND LIFE SAFETY PLAN

Date: 01/26/23
 Designed By: P BEGANY
 Drawn By: P BEGANY
 Checked By: M MATOS
 Drawing No.: LS-1



KEY PLAN (NTS)
 NOTE: SCOPE OF WORK LIMITED TO LIQUOR STORE.
 SUPER MARKET SHOWN FOR OWNERS INTERNAL DOCUMENTATION ONLY.



GENERAL SYMBOLS

	BREAK LINE SYMBOL		DETAIL, ELEVATION OR SECTION BUBBLE - LOCATOR/DESCRIPTOR (A1) - SHEET NUMBER WHERE SHOWN (A-1)		ELEVATION OR SECTIONS REFERENCE TARGET ON ELEVATIONS
	COLUMN GRID DESIGNATION		SECTION CUT ARROW - LOCATOR/DESCRIPTOR (A1) - SHEET NUMBER WHERE SHOWN (A-1)		ADDENDA BUBBLE
	DEMOLITION NOTE SYMBOL		DETAIL BUBBLE - LOCATOR/DESCRIPTOR (A1) - SHEET NUMBER WHERE SHOWN (A-1)		CENTER LINE SYMBOL
	DOOR SYMBOL		ELEVATION BUBBLE - LOCATOR/DESCRIPTOR (A1) - SHEET NUMBER WHERE SHOWN (A-1)		PLATE SYMBOL
	WINDOW SYMBOL		DRAWING TITLE DRAWING AND DETAIL TITLE - DRAWING TITLE - DRAWING DESIGNATION (A1) - SHEET NUMBER WHERE DRAWN (A-1) - DRAWING SCALE		NEW STUD WALLS WITH SOUND BATT INSULATION
	FLOOR FINISH SYMBOL		ELEVATION REFERENCE TARGET ON PLAN VIEWS		NEW STUD WALLS WITHOUT SOUND BATT INSULATION
	WALL FINISH SYMBOL				NEW CMU WALLS
	REVISION SYMBOL				UL 1 HOUR FIRE RATED WALL FROM SLAB TO STRUCTURE ABOVE
	NOTE SYMBOL				UL 4 HOUR FIRE RATED WALL FROM SLAB TO STRUCTURE ABOVE
	NORTH ARROW				COOLER WALL ARMOR
	PARTITION TYPE				ACCESSIBLE ROUTE SIGNAGE
	ROOM NAME AND NUMBER				ESTIMATED EGRESS PATH DISTANCE

GENERAL ABBREVIATIONS

A	A/C	AIR CONDITIONING	E	EAST	J	JAN	JANITOR	PRESS	PRESSURE	V	VOLTS
AC	AC	ALTERNATING CURRENT	EA	EACH	JT	JT	JOINT	PSF	POUNDS PER SQUARE FOOT	VB	VAPOR BARRIER
ACI	ACI	AMERICAN CONCRETE INSTITUTE	EF	EACH FACE	K	K		PSI	POUNDS PER SQUARE INCH	VCT	VINYL COMPOSITION TILE
AD	AD	AREA DRAINS	EFJS	EXTERIOR INSULATION FINISH SYSTEM	KSI	KIPS	KIPS PER SQUARE INCH	PFD	PARTITION	VEL	VELOCITY
ADA	ADA	AMERICANS WITH DISABILITIES ACT	EJ	EXPANSION JOINT	L	L		PT	PRESSURE TREATED	VERT	VERTICAL
ADAAG	ADAAG	AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES	EL	REFERENCE ELEVATION	LAV (S)	LAVATORY (IES)		Q	QUARRY TILE	VEST	VESTIBULE
ADDL	ADDL	ADDITIONAL	ELEV	ELEVATOR OR ELEVATION	LBS	POUNDS		QT	QUANTITY	VIF	VERIFY IN FIELD
AF	AF	ABOVE FINISHED FLOOR	EMER	EMERGENCY	LF	LINEAR FEET		QTY	QUANTITY	VT	VINYL TILE
AFG	AFG	ABOVE FINISHED GRADE	ENCL	ENCLOSURE	LL	LIVE LOAD		QUAL	QUALITY	VTR	VENT THROUGH ROOF
AHU	AHU	AIR HANDLING UNIT	ENGR	ENGINEER, ENGINEERING	LLH	LONG LEG HORIZONTAL		R	RADIUS, RISER OR RED	VWC	VINYL WALL COVERING
AISC	AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	EOS	EDGE OF SLAB	LLV	LONG LEG VERTICAL		RA	RETURN AIR	W	WASTE, WATTS, WEST OR WITH
AL, ALUM	AL, ALUM	ALUMINUM	EPA	ENVIRONMENTAL PROTECTION AGENCY	LLV	LONG LEG VERTICAL		RD	ROOF DRAIN	W/	WITH
ALT	ALT	ALTERNATE	EPA	ENVIRONMENTAL PROTECTION AGENCY	LONG	LONGITUDINAL		REBAR	REINFORCING STEEL BAR	WD	WOOD
ANSI	ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	EQU	EQUIPMENT	LG	LAMINATED GLASS		REC	RECESSED	WH	WATER HEATER
AP	AP	ACCESS PANEL	ES	EACH SIDE, EXPOSED STRUCTURE	LP	LOW POINT		REF	REFERENCE	W/O	WITHOUT
APPROX	APPROX	APPROXIMATELY	EST	ESTIMATE	LTG	LIGHTING		REFRIG	REFRIGERATION	WP	WORKING POINT
APVD	APVD	APPROVED	ETC	ET CETERA	M	MAINTENANCE		REIN	REINFORCED OR REINFORCEMENT	WR	WATER RESISTANT
ASHRAE	ASHRAE	AMERICAN SOCIETY OF HEATING, REFRIGERATION AND AIR CONDITIONING ENGINEERS	EW	ELECTRIC WATER COOLER	MAINT	MAINTENANCE		REP	REPRESENTATIVE	WS	WATER STOP
ASME	ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS	EX, EXIST	EXISTING	MARK	MARK		REQ'D	REQUIRED	WTF	WELDED WIRE FABRIC
ASPH	ASPH	ASPHALT	EXT	EXTERIOR	MM	MILLIMETERS		REQMT	REQUIREMENT	Y	YARD
ASTM	ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	F	DEGREES FAHRENHEIT	MATL	MATERIAL		REV	REVISION	YD	YARD (S)
B	BD	BOARD	FBC	FLORIDA BUILDING CODE	MAX	MAXIMUM		RM	ROOM		
BLDG	BLDG	BUILDING	FD	FLOOR DRAIN OR FIRE DAMPER	MECH	MECHANICAL		RMT	REMOTE		
BLKG	BLKG	BLOCKING	FDM	FOUNDATION	MED	MEDIUM		RO	ROUGH OPENING		
BM	BM	BEAM OR BENCH MARK	FE	FIRE EXTINGUISHER	MET	METAL		S	SOUTH		
B/ BO	B/ BO	BOTTOM OF	FEC	FIRE EXTINGUISHER CABINET	MEZZ	MEZZANINE		SAN	SANITARY		
BOC	BOC	BOTTOM OF CONDUIT	FF	FAR FACE OR FINISHED FLOOR	MFG	MANUFACTURING		SCHED	SCHEDULE OR SCHEDULED		
BOD	BOD	BOTTOM OF DUCT	FG	FINISHED GRADE	MFR	MANUFACTURER		SCHM	SCHEDULE		
BDF	BDF	BOTTOM OF FLOOR	FH	FIRE HYDRANT	MH	MANHOLE		SECT	SECTION		
BOP	BOP	BOTTOM OF FOOTING	FHC	FIRE HOSE CABINET	MIL	THOUSANDTH OF AN INCH		SHT	SHEET		
BOP	BOP	BOTTOM OF PIPE	FIG	FIGURE	MIN	MINIMUM		SMACNA	SHEET METAL AND AIR CONDITIONING CONTRACTOR'S NATIONAL ASSOCIATION		
BOS	BOS	BOTTOM OF STEEL	FL, FLR	FLOOR	MISC	MISCELLANEOUS		SPA	SPACE		
BOT	BOT	BOTTOM	FLX	FLEXIBLE	MPH	MILES PER HOUR		SPC	STANDARD PLUMBING CODE		
BP	BP	BASE PLATE	FM	FACTORY MUTUAL	MT	MOUNT		SO	SQUARE		
BURM	BURM	BUILT UP ROOFING MEMBRANE	FO	FACE OF	MTD	MOUNTED		SO FT, SF	SQUARE FEET		
C	C	DEGREES CELSIUS	FRP	FIBERGLASS REINFORCED POLYESTER PANELS	MTL	METAL		SS	STAINLESS STEEL		
CALC	CALC	CALCULATE	FRT	FIRE RETARDANT TREATED	N	NORTH		SSD	SUBSOIL DRAIN		
CAT	CAT	CATALOG	FT	FOOT OR FEET	N/A	NOT APPLICABLE		STC	SOUND TRANSMISSION CLASS		
CD	CD	CATCH BASIN	FTG	FOOTING OR FITTING	NEG	NEGATIVE		STD	STANDARD		
CF	CF	CUBIC FOOT OR FEET	FV	FIELD VERIFY	NEMA	NATIONAL ELECTRIC MANUFACTURERS ASSOCIATION		STL	STEEL		
CFH	CFH	CUBIC FEET PER HOUR	FVC	FIRE VALVE CABINET	NF	NEAR FACE		STOR	STORAGE		
CFM	CFM	CUBIC FEET PER MINUTE	G	GAUGE	NIC	NOT IN CONTRACT		STRUCT	STRUCTURE OR STRUCTURAL		
CI	CI	CURB INLET OR CAST IRON	GA	GALLONS	NO, #	NUMBER		T	TOP AND BOTTOM		
CJ	CJ	CONTROL JOINT	GAL	GALVANIZED	NOM	NOMINAL		T&B	TONGUE AND GROOVE		
CJNT	CJNT	CONSTRUCTION JOINT	GALV	GRADE BEAM OR GRAB BAR	NTS	NOT TO SCALE		T&G	TONGUE AND GROOVE		
CL	CL	CENTERLINE	GB	GRADE BEAM OR GRAB BAR	O	ON CENTER		TBD	TO BE DETERMINED		
CLG	CLG	CEILING	GC	GENERAL CONTRACTOR	OC	OUTSIDE DIAMETER OR OVERFLOW DRAIN		TECH	TECHNICAL		
CLO	CLO	CLOSET	GEN	GENERAL OR GENERATOR	OD	OUTSIDE DIAMETER OR OVERFLOW DRAIN		TEL	TELEPHONE		
CLR	CLR	CLEAR	GEM	GALVANIZED HOLLOW METAL	OF	OUTSIDE FACE		THK	THICK		
CMP	CMP	CORRUGATED METAL PIPE	GI	GALVANIZED IRON	OPNG	OPENING		T/ TO	TOP OF		
CMU	CMU	CONCRETE MASONRY UNIT	GPM	GALLONS PER MINUTE	OZ	OUNCE		TOBB	TOP OF BOND BEAM		
CO	CO	CLEAN OUT	GW	GYPSON WALLBOARD	P	PIPE COLUMN		TOC	TOP OF CONCRETE		
COL	COL	COLUMN	GYP	GYPSON	PC	PIPE COLUMN		TOD	TOP OF DUCT		
CONC	CONC	CONCRETE	H	HAZARDOUS	PCF	POUNDS PER CUBIC FOOT		TOF	TOP OF FOOTING		
CONST	CONST	CONSTRUCTION	HAZ	HAZARDOUS	PH	PHASE		TOS	TOP OF STEEL		
CONT	CONT	CONTINUOUS	HB	HOSE BIBB	PHYS	PHYSICAL		TP	TOP OF WALL		
CONTR	CONTR	CONTRACTOR	HD	HEAD	PL	PLATE, PLASTIC		TP	TOP OF PAVEMENT		
CORR	CORR	CORRIDOR	HDW	HARDWARE	PLAM	PLASTIC LAMINATE		TS	TUBE STEEL		
CPT	CPT	CARPET	HORIZ	HORIZONTAL	PLBG	PLUMBING		TSTG	TESTING		
CT	CT	CERAMIC TILE	HM	HOLLOW METAL	PLF	POUNDS PER LINEAR FOOT		TYP	TYPICAL		
CTR	CTR	CENTER	HP	HIGH POINT OR HORSEPOWER	PLYWD	PLYWOOD		UC	UNDERCUT, OR UNDERCOUNTER		
CU FT	CU FT	CUBIC FOOT OR FEET	HR	HOUR	PMJ	PRE-MOLDED JOINT		UL	UNDERWRITER'S LABORATORIES		
CU YD	CU YD	CUBIC YARD(S)	HT	HEIGHT	PMP	PUMP		UNO	UNLESS NOTED OTHERWISE		
CW	CW	COLD WATER	HTR	HEATER	PNL	PANEL		UPS	UNINTERRUPTABLE POWER SUPPLY		
CY	CY	CUBIC YARD(S)	HVAC	HEATING VENTILATION AND AIR CONDITIONING	PNT	PANT		UTIL	UTILITY		
D	DEG	DEGREE	I	INTERNATIONAL BUILDING CODE	POS	POSITIVE OR POSITION					
DEMO	DEMO	DEMOLITION	IBC	INTERNATIONAL BUILDING CODE	PR	PAIR					
DET	DET	DETAIL	ID	INSIDE DIAMETER	PREFAB	PREFABRICATED					
DF	DF	DRINKING FOUNTAIN	IE	INVERT ELEVATION							
DIA	DIA	DIAMETER	IN	INCHES							
DIAG	DIAG	DIAGONAL	INFO	INFORMATION							
DL	DL	DEAD LOAD	INT	INTERIOR OR INTERNAL							
DN	DN	DOWN	INV	INVERT							
DS	DS	DOWNSPOUT	IP	IRON PIPE							
DWG	DWG	DRAWING									
DWL	DWL	DOWEL									

ARCHITECT OF RECORD
 NAME: JOHN K. McFARLAND, P.E.
 REGISTRATION: FLORIDA REG #WB03212

Seal

Revision:
 Date: By: Description:

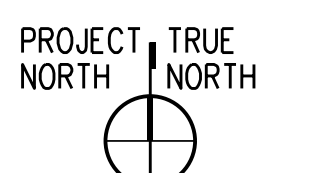
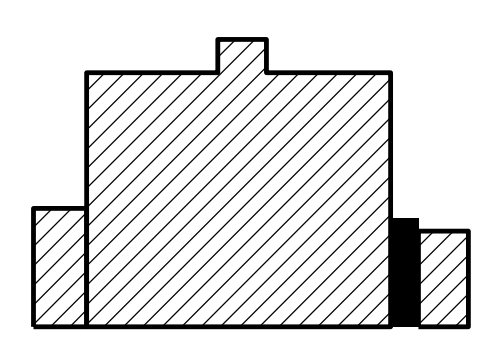
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Key Plan:

Jacobs Project No.: F6-W752-00-02661S
 Drawing Title:

GENERAL NOTES
 AND ABBREVIATIONS

Date: 01/26/23
 Designed By: P BEGANY
 Drawn By: P BEGANY
 Checked By: M MATOS
 Drawing No.:
G-1



GENERAL NOTES:

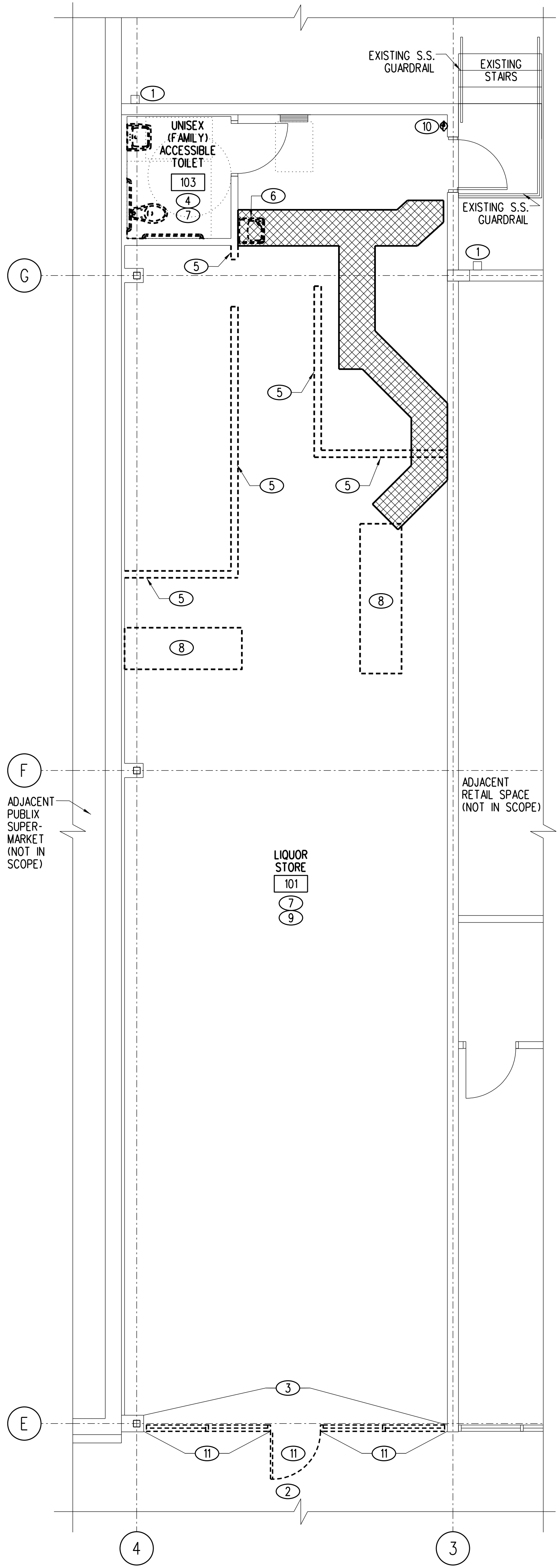
- A. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND NOTIFY ARCHITECT/ENGINEER OF ANY VARIANCES FROM EXISTING CONDITIONS SHOWN.
- B. REFER TO ELECTRICAL, MECHANICAL, STRUCTURAL, REFRIGERATION AND FIRE PROTECTION DOCUMENTS FOR ADDITIONAL DEMOLITION ASSOCIATED WITH THOSE DISCIPLINES.

DEMOLITION PLAN LEGEND:

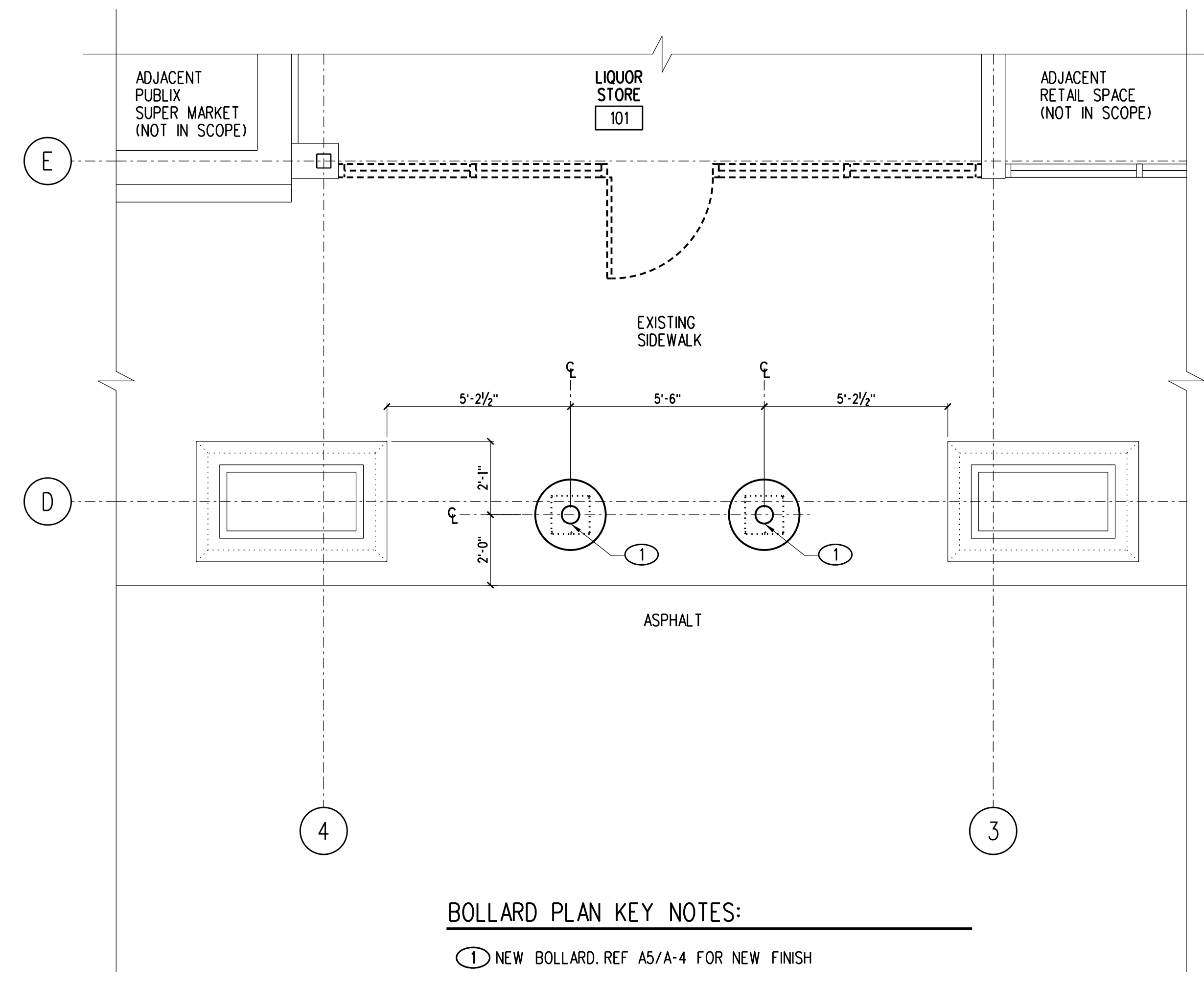
- ITEMS TO BE REMOVED
- INDICATES MINIMUM TRENCHING FOR NEW PLUMBING AND ELECTRICAL LINES. REF. P-2 FOR PLUMBING LINE LOCATIONS, AND E-3 FOR ELECTRICAL LOCATIONS. PATCH SLAB PER DETAIL D2/A-4. TYPICAL TRENCHING SHALL BE 18" WIDE. TRENCHING WIDTH MAY BE ADJUSTED TO SUIT FIELD CONDITIONS.
- EXISTING CONDITIONS TO REMAIN

DEMOLITION PLAN KEY NOTES:

- 1 EXISTING DOWNSPOUT
- 2 REFER TO A3/A-1 FOR BOLLARD PLAN
- 3 INTERIOR FACE OF SOFFIT ABOVE STOREFRONT WILL NEED TO BE RECONSTRUCTED TO ACCOMMODATE NEW SECURITY GRILLE TRACK. REMOVE EXISTING GYP BD AS REQUIRED. REFER A3/A-5 FOR ADDITIONAL INFORMATION.
- 4 ALL EXISTING PLUMBING FIXTURES, TOILET ACCESSORIES, AND GRAB BARS TO BE REMOVED.
- 5 REMOVE EXISTING WALL.
- 6 REMOVE EXISTING EWC.
- 7 REMOVE EXISTING FLOORING AND SUBSTRATE, BASE, MILLWORK/EQUIPMENT, SIGNAGE, AND CEILING SYSTEM.
- 8 REMOVE EXISTING COUNTER AND FRAMING BELOW.
- 9 REMOVE EXISTING WALL FINISHINGS/SHELVING
- 10 EXISTING FE TO BE RELOCATED. SEE A1/A-2 FOR NEW LOCATION.
- 11 EXISTING STOREFRONT TO BE REMOVED. SEE C3/A-6 FOR NEW WORK.



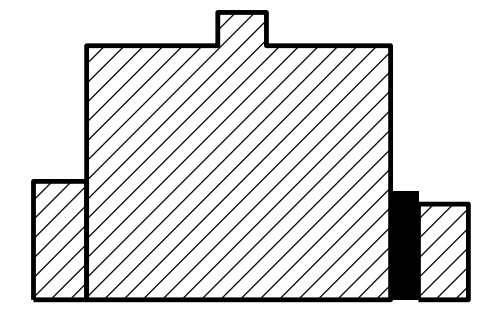
A1 DEMOLITION PLAN
A-1
0 2 4 8 12
1/4" = 1'-0"



BOLLARD PLAN KEY NOTES:

- 1 NEW BOLLARD. REF A5/A-4 FOR NEW FINISH

A3 BOLLARD PLAN
A-1
0 1 2 4 8
3/8" = 1'-0"



FLOOR AND WALL FINISH PLAN LEGEND:

FLOORS:

- LVT LUXURY VINYL TILE - SEE DETAIL A3/A-2 FOR LVT DESIGN LAYOUT.
VCT VINYL COMPOSITION TILE - SEE DETAIL A3/A-2 FOR VCT DESIGN LAYOUT.
CF-E EXISTING CONCRETE TO REMAIN, PROVIDE SEALER

WALLS:

- EP-3 PANTONE CUSTOM MATCH PMS 363C (GREEN)
EP-4 SHERWIN WILLIAMS SW 7029 AGREEABLE GRAY
EP-5 SHERWIN WILLIAMS SW 7019 GAUNTLET GRAY
FRP-2 FIBERGLASS REINFORCED POLYESTER, SEQUENTIA "STRUCTOGLAS FRFR" - "WHITE" MARLITE "STANDARD FRP" - "WHITE" GLASTEEL "GLASLNER FRP" - "BRIGHT WHITE" CRANE COMPOSITES (KEMLITE) "FIRE-X GLASBORD" - "WHITE"
EB-2 VINYL BASE, 6" JOHNSONITE BURNT UMBER
NOTE: PAINT FINISH TO BE SEMIGLOSS THROUGHOUT LIQUOR STORE.

PLASTIC LAMINATE:

- EL-2 WILSONART B210K-28 "PORTICO TEAK" (ALL CASEWORK)

FLOOR PLAN LEGEND:

- EXISTING WALL.
EXISTING 1-HOUR RATED WALL (UL #1419). REF C4/A-5 FOR MSC PENETRATIONS OF EXISTING TENANT SEPARATION WALL.
EXISTING 1-HOUR RATED WALL (UL #1901). REF A5/A-5 FOR MSC PENETRATIONS OF EXISTING SEPARATION WALL.
NEW STUD WALL WITHOUT SOUND BATT INSULATION.
NEW STUD WALL WITH INSULATION. REF TO C3/A-5 FOR INSULATION TYPE.
PARTITION SYMBOL. REF DETAIL C3/A-5.
CP-3 SS CORNER PROTECTOR. REF DETAIL D1/A-4.

GENERAL NOTES:

- A. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS BEFORE SUBMITTING A BID. CONTRACTOR SHALL PATCH AND REPAIR EXISTING CONSTRUCTION DAMAGED DURING WORK INSIDE OR OUTSIDE THE BUILDING. REPAIRS SHALL MATCH EXISTING FINISH CONDITIONS.
B. ALL DIMENSIONS ARE TO FINISH FACE UNO.
C. CONTRACTOR SHALL CUT AND PATCH SLABS AND WALLS AS NECESSARY TO ACCOMMODATE NEW PLUMBING WORK. REF PLUMBING.
D. ALL WALL AND COLUMN FINISHES TO BE CLASS A, UNLESS OTHERWISE NOTED.
E. CONTRACTOR SHALL PATCH/REPAIR ALL EXISTING DRYWALL TO REMAIN AS REQUIRED AND PREPARE FOR DESIGNATED FINISH.

FLOOR PLAN KEY NOTES:

- NOTES NOT APPLICABLE IF NOT ASSIGNED A NUMBER
1 MILLWORK PROVIDED BY PUBLIX, REF A1/A-4.
2 MAINTAIN 36" CLEAR PATH OF EGRESS.
3 3'-0" H MAX X 3'-0" W MIN ACCESSIBLE COUNTER, FACBC-ACCESS, SECTION 904.1
4 NEW MOOD MEDIA PROVIDED BY PUBLIX. CONSULT WITH PUBLIX ON SITE REP FOR LOCATION. REFER TO SHEET E-3 FOR ADDITIONAL INFO.
5 NEW PLASTIC LAMINATE FILLER PANEL. MATCH FINISH OF NEW MILLWORK. PROVIDE SOLID WOOD OR PLYWD BACKING AS REQUIRED IN FURRED WALL CAVITY AT FILLER PANEL LOCATION, 8" WIDE, CENTERED ON PANEL. (MILLWORK PROVIDED BY PUBLIX, REF A1/A-4).
6 NOT USED
7 PUBLIX TO PROVIDE OVERHEAD SIGN W/ INTERNATIONAL WHEELCHAIR SYMBOL AND MESSAGE "ASSISTANCE IS AVAILABLE UPON REQUEST", REF SIGN "N", D3/A-4.
8 PUBLIX TO PROVIDE ACCESSIBLE FAMILY RESTROOM SIGN, REF SIGN "E", D3/A-4.
9 PUBLIX TO PROVIDE EXIT SIGN, REF SIGN "L", D3/A-4.
10 INSTALL FRT 1/2" PLYWD OVER NEW/EXISTING WALL SUBSTRATE. REF DETAIL B5/A-4.
11 PROVIDE WALL PANELS (FRP-2) 4' X 4' ON BOTH SIDES OF NEW MOP SINK, REF TO FLOOR AND WALL FINISH PLAN LEGEND. REFER TO SHEET P-1 FOR PLUMBING FIXTURE SCHEDULE AND P-2 FOR PLUMBING PLAN.
12 PRIOR TO INSTALLING LVT/VCT, PROVIDE QUIKRETE 1249-51 FLOOR RESURFACER THROUGHOUT AS REQUIRED TO PROVIDE ADEQUATE SUBSTRATE.
13 APPLY PAINT EP-4 UNLESS OTHERWISE NOTED.
14 PAINT DOOR FRAME EP-5.
15 EXISTING DOOR TO REMAIN, PAINT INTERIOR SIDE OF EXTERIOR DOOR AND DOOR FRAME EP-4.
16 RELOC CLASS ABC TYPE 2A-10B-C, 5 LB NOMINAL CAPACITY, WITH PRESSURE GAUGE IN ACCORDANCE WITH NFPA-10. CONFIRM UP TO DATE INSPECTION. EXTINGUISHER SHALL NOT EXCEED 4'-0" ABOVE FINISH FLOOR.
17 NOT USED
18 NOT USED
19 NEW METAL CHASE. REFER DETAIL B3/R-2.
20 PROVIDE 3/4" EXTRUDED POLYSTYRENE (STYROFOAM) INSULATION AND NEW 3/8" GYP BD TO EXTENT INDICATED. PATCH/REPAIR/REFINISH 3/8" GYP BD TO RECEIVE NEW FINISH AS REQUIRED. USE TYPE X 3/8" GYP BD AT TENANT SEPARATION WALL. THE REFRIGERATION CONTRACTOR SHALL PROVIDE ALUMINUM CLOSURE AT THE CASE, FROM TOP OF CASE TO WALL, AND AT ENDS OF CASE RUN. FASTEN TO CASE WITH ALUMINUM SCREWS.
21 NEW AIR RETURN DROP ABOVE REFRIGERATION CASE WRAPPED IN SHEET METAL PAINTED TO MATCH ADJACENT WALL.
22 INSTALL 3M SCOTCHINT FILM SERIES NV-35 (NEUTRAL) ON ALL WINDOWS AND DOORS NOTED. INSTALL PER MFR RECOMMENDATIONS.
23 PROVIDE WALL MOUNTED PERMANENT DURABLE SIGN WITH 1 INCH TALL LETTERS ON CONTRASTING BACKGROUND READING: SECURITY GATE TO REMAIN "UNLOCKED" WHEN THE STORE IS OCCUPIED. (PER FBC 2020/CHAPTER10/SECTION 100.1.9.4, NO. 2.2)
24 NEW TIDEL CASH CONTROL SAFE. CONTRACTOR TO MOUNT TO FLOOR.
25 NEW PARTITION TO ALIGN WITH EXISTING PARTITION.
26 NEW LIQUOR STORE CUSTOMER SERVICE AREA.
27 APPLY FRP-2 FROM FINISH FLOOR TO APPROX. 1" OVER LIGHT SWITCHES, TO BE APPLIED ON ALL WALLS. PROVIDE ALL ACCENT COMPONENTS.
28 NOT USED
29 NEW (2) COMMUNICATION CABLE WILL BE ROUTED FROM THE STORAGE THROUGH THE FRONT OF PUBLIX LIQUOR STORE WALL, ABOVE THE CEILING, REF DETAIL C4/A-5. RUN THROUGH THE WALL INTO THE CANOPY THEN ALONG THE FACADE TOWARDS PUBLIX SUPERMARKET. NEW COMMUNICATION CABLE WILL ENTER PUBLIX SUPERMARKET AT SIDE WALL ABOVE CEILING LINE. REF DETAIL A5/A-5. FOR WALL PENETRATION DETAIL, AND ELECTRICAL FOR ADDL INFORMATION. COORDINATE EXACT LOCATION WITH PUBLIX CONSTRUCTION REP ON-SITE.
30 NOT USED

LVT LEGEND:

- WP417 BLACK/GRAY/SILVER KARNDIAN SYLVA 9" X 48" X 3/8" LVT PLANK

VCT LEGEND:

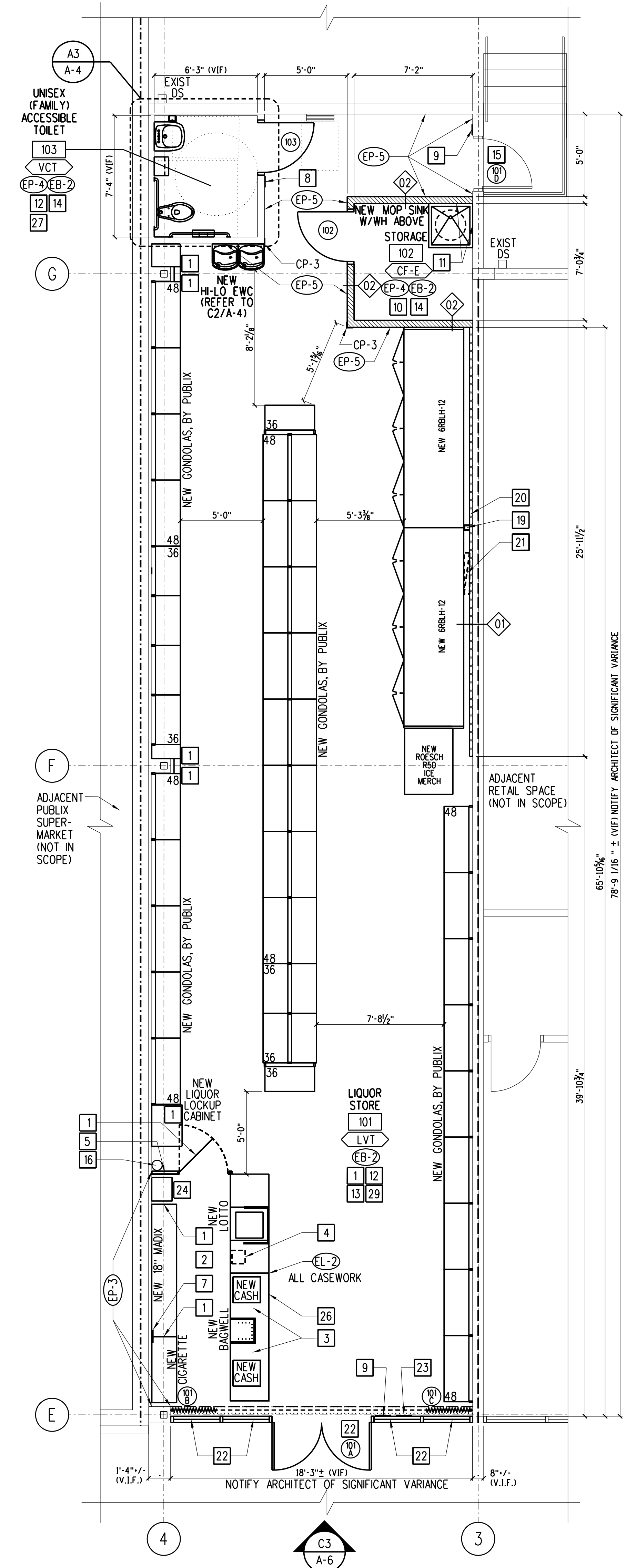
- 1-FIELD TILE- 51915 CHARCOAL ARMSTRONG IMPERIAL TEXTURE STANDARD (12x12x1/8")

LVT NOTES:

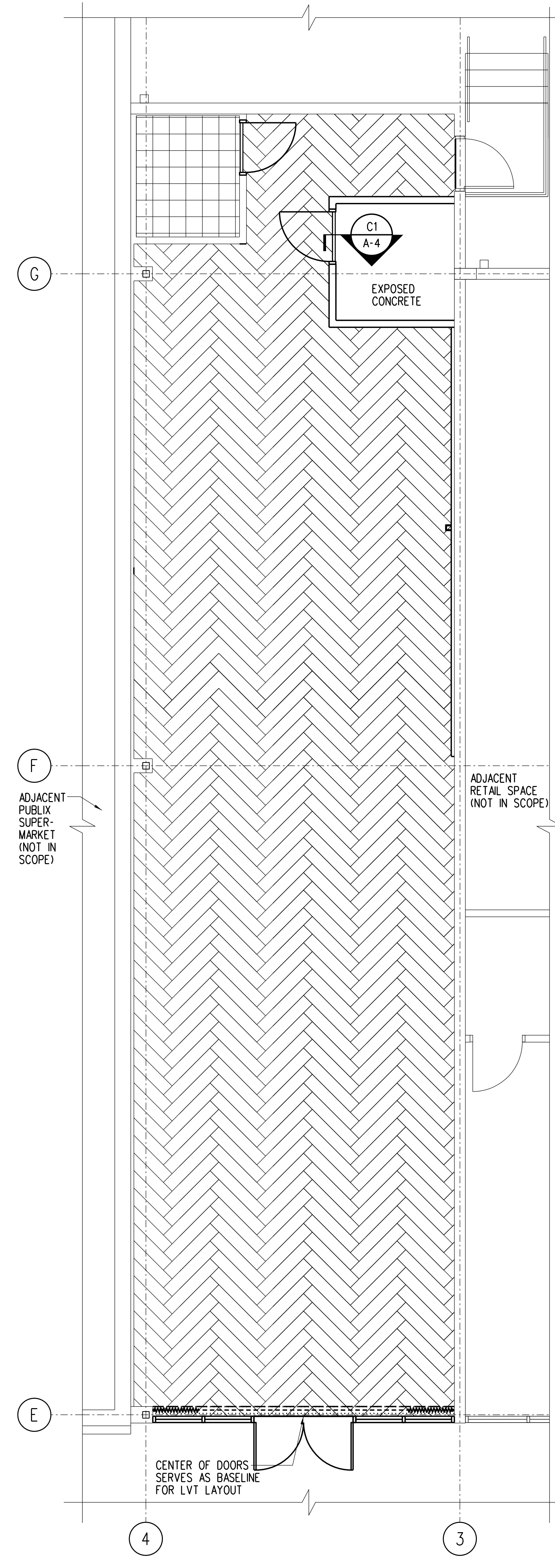
- 1. FLOOR TILES TO BE INSTALLED IN A HERRINGBONE PATTERN. LAYOUT SHOWN IS A REPRESENTATION OF VERTICAL PATTERN. INSTALLATION LAYOUT HAVE TO BE EXACT OR SIMILAR.
2. DO NOT WAX AND SEAL LVT FLOOR DURING OR AFTER CONSTRUCTION.

VCT NOTES:

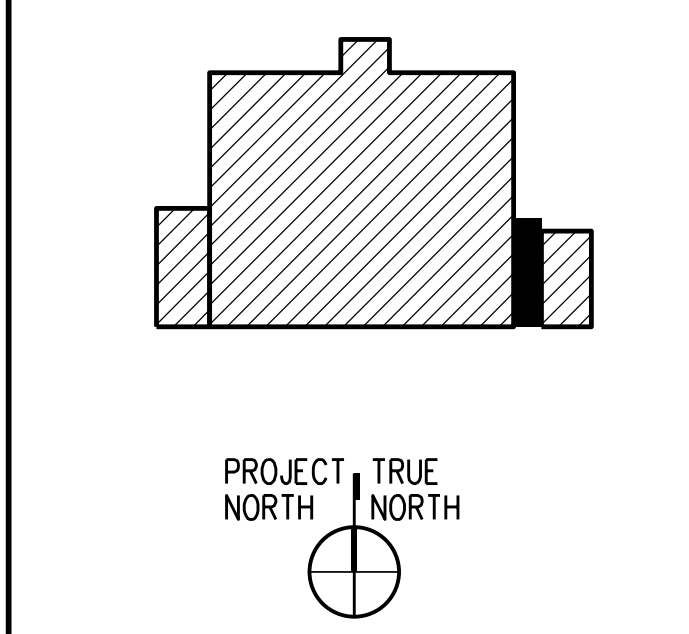
- 1. FLOOR TILES TO BE INSTALLED IN A PATTERN. LAYOUT SHOWN IS A REPRESENTATION OF SIMILAR PATTERN.
2. INTERIOR FLOOR CHANGES IN VERTICAL LEVEL SHALL NOT EXCEED 1/4" HIGH. CHANGES IN LEVEL BETWEEN 1/4" HIGH MINIMUM AND 1/2" HIGH MAXIMUM SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2 (PER ADA REQUIREMENTS - FACBC SECTION 303.2 AND SECTION 303.3).



A1 FLOOR/FINISH PLAN A-2 0 2 4 8 12 1/4" = 1'-0"



A3 LIQUOR STORE LVT/VCT PLAN A-2 0 2 4 8 12 1/4" = 1'-0"



GENERAL NOTES:

- A. PATCH/REPAIR ROOF AROUND NEW CURB. COORDINATE WITH OWNER'S REP AS APPLICABLE.

KEY NOTES:

- 1 REPLACEMENT AC UNIT TO OVER EXISTING OPENING. REFER TO MECHANICAL AND STRUCTURAL DRAWINGS FOR MORE INFO.
- 2 NEW REFRIGERATION UNIT ON PREFAB PLATFORM CURB AND CAP WITH MOUNTING FRAME. REFERENCE STRUCTURAL DET A5/S-2 AND REFRIGERATION DRAWINGS FOR ADDITIONAL INFO. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR APPROVAL OF PLATFORM CURBS PRIOR TO INSTALLATION. REF REFRIGERATION FOR ADDL INFO. NEW REFRIGERATION UNIT SHALL BE OWNER FURNISHED. REF TO REFRIGERATION DWGS

GENERAL NOTES:

- A. ALL NEW CEILING TO BE CLASS A.
- B. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- C. GC TO PROVIDE AND INSTALL TWO # 10 SAFETY WIRES PER ALL NEW AND IMPROPERLY SUPPORTED EXISTING METAL HALIDE AND/OR FLUORESCENT FIXTURES. ATTACH TO JOIST AT PROPER LOCATION AS COORDINATED WITH ELECTRICAL CONTRACTOR. (ELECTRICAL SHALL ATTACH TO FIXTURE.)

REFLECTED CEILING PLAN KEY NOTES:

- 1 NEW SUSPENDED CEILING SYSTEM.
- 2 NEW AIR RETURN DROP ABOVE REFRIGERATION CASE WRAPPED IN SHEET METAL PAINTED TO MATCH ADJACENT WALL.
- 3 NEW METAL CHASE. REFER TO REFRIGERATION DRAWINGS FOR MORE INFORMATION.
- 4 EXISTING WALL CAP

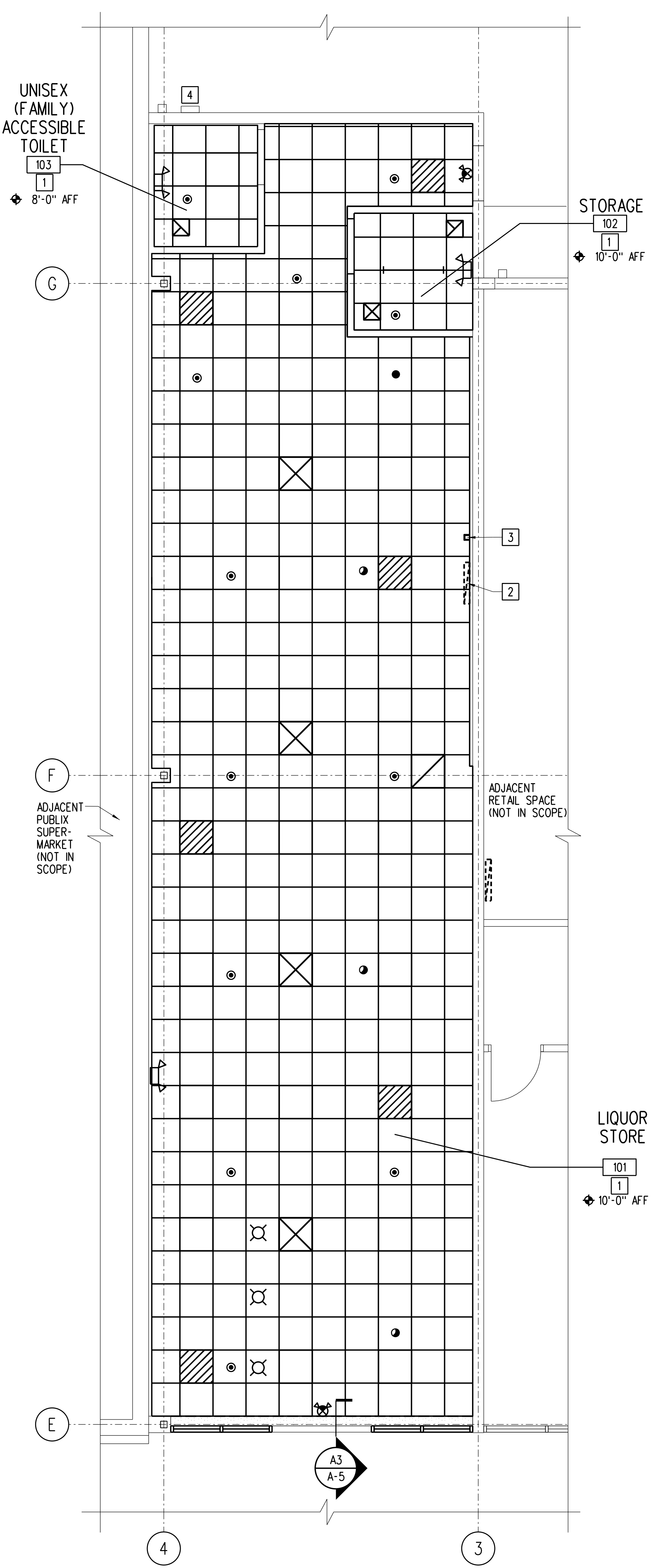
REFLECTED CEILING PLAN LEGEND:

NOTE: NOT ALL SYMBOLGY MAY BE RELEVANT TO THIS LOCATION.

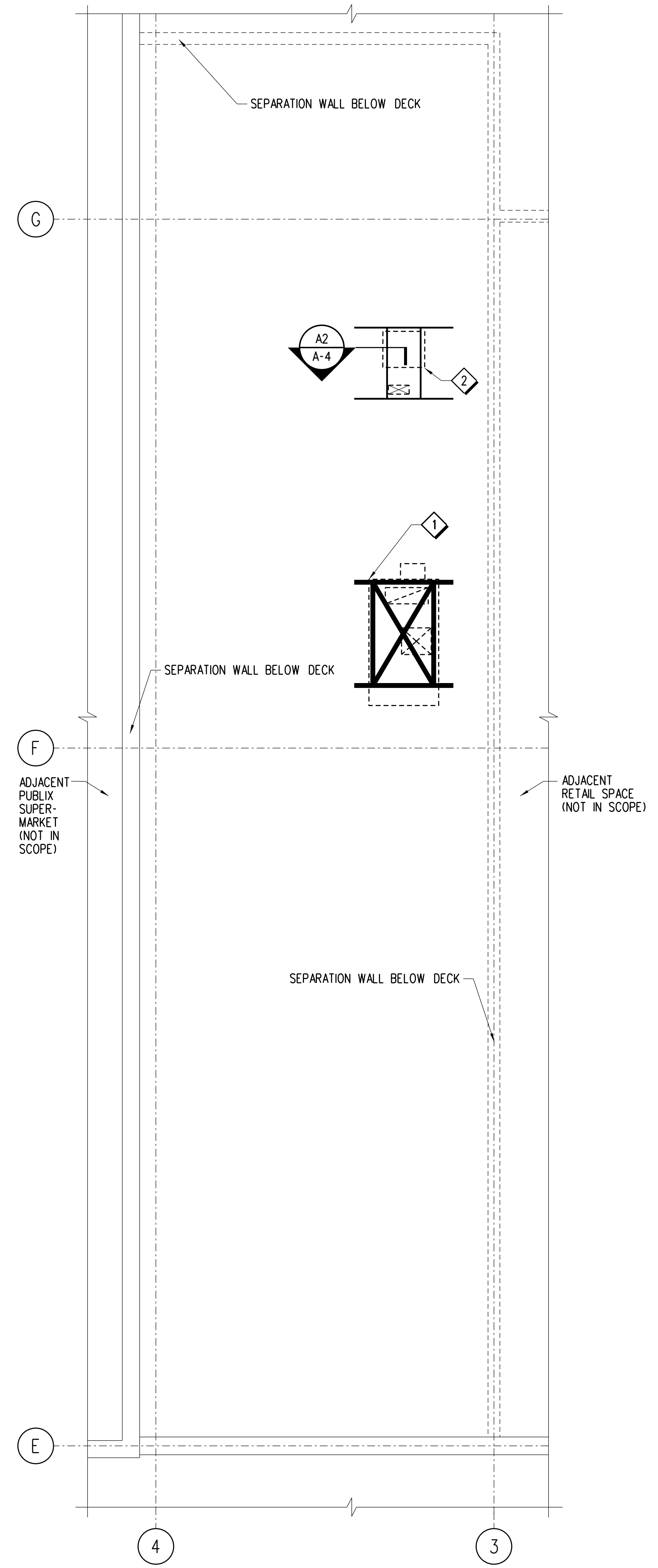
- NEW LIGHT FIXTURES (SEE ELECTRICAL DWGS FOR TYPE)
- RELOCATED LIGHT FIXTURES (SEE ELECTRICAL DWGS)
- EXISTING LIGHT FIXTURES TO REMAIN
- NEW BATTERY PACK LIGHTS FIXTURE. "C" MEANS CEILING MOUNTED, OTHERWISE WALL MOUNTED
- EXISTING SUPPLY AIR DIFFUSER (SEE MECH DWGS)
- EXISTING RETURN AIR GRILLE (SEE MECH DWGS)
- EXISTING EXHAUST FAN (SEE MECH DWGS)
- NEW CEILING TILE - FINE FISSURED, RH90, 24"x24"x5/8" SQUARE CUT EDGE, WHITE
- EXISTING CEILING TILE & GRID
- NEW GYPSUM BOARD SOFFIT

SPRINKLER SYMBOLS:

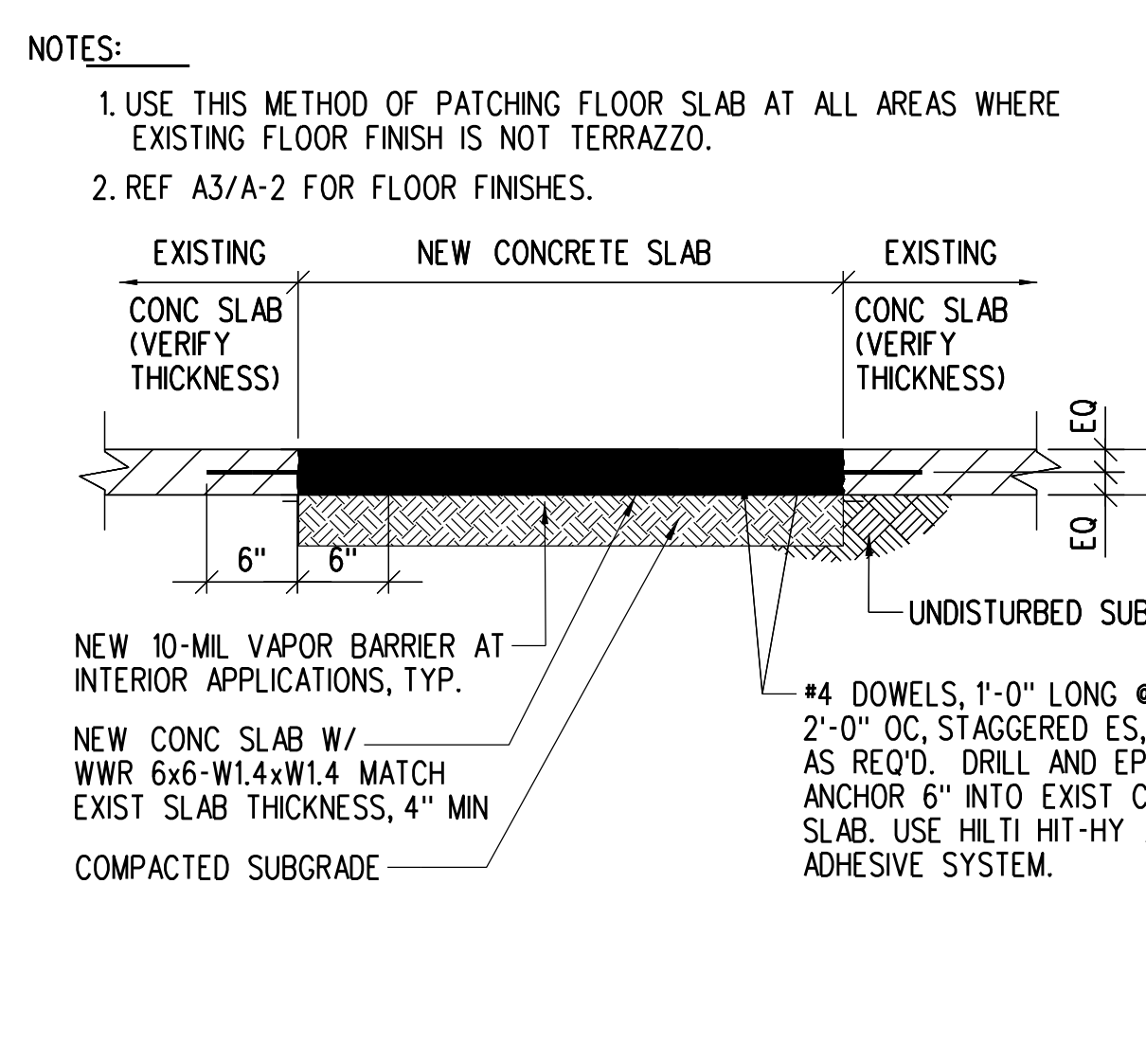
- EXISTING SPRINKLER TO REMAIN
- EXISTING PENDENT SPRINKLER TO BE RELOCATED
- RELOCATED EXISTING PENDENT SPRINKLER
- NEW PENDENT SPRINKLER



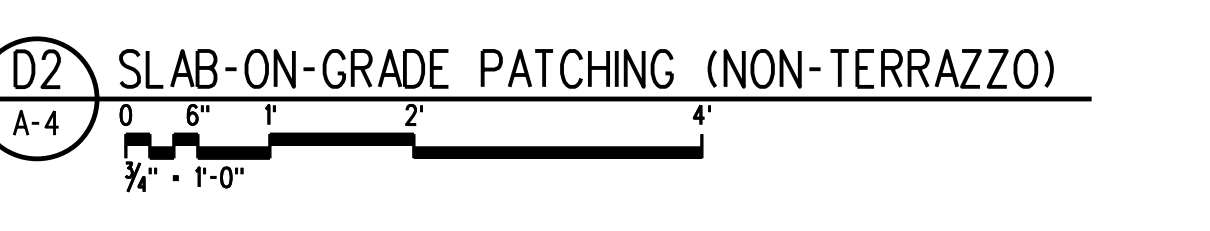
A1 REFLECTED CEILING PLAN
Scale: 1/4" = 1'-0"



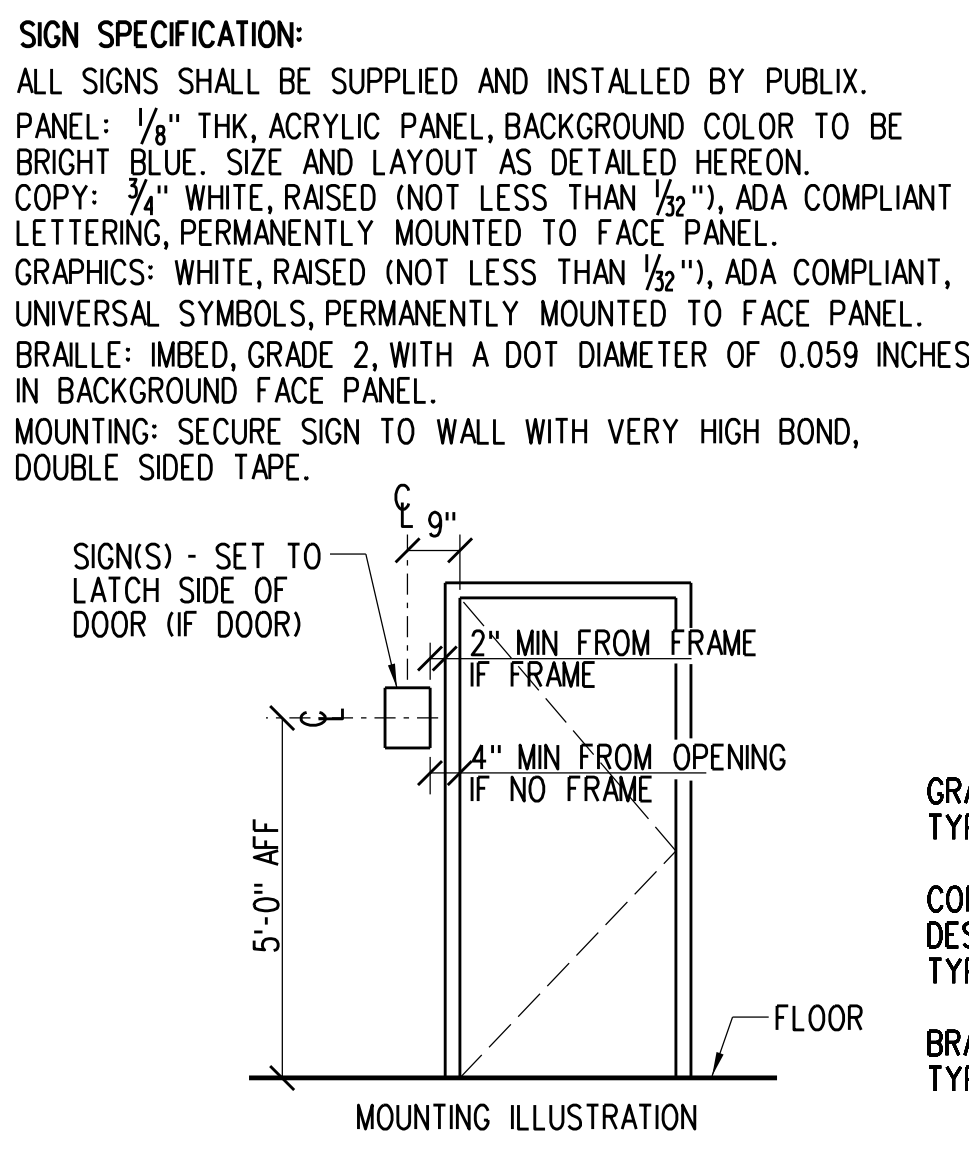
A3 PARTIAL ROOF PLAN
Scale: 1/4" = 1'-0"



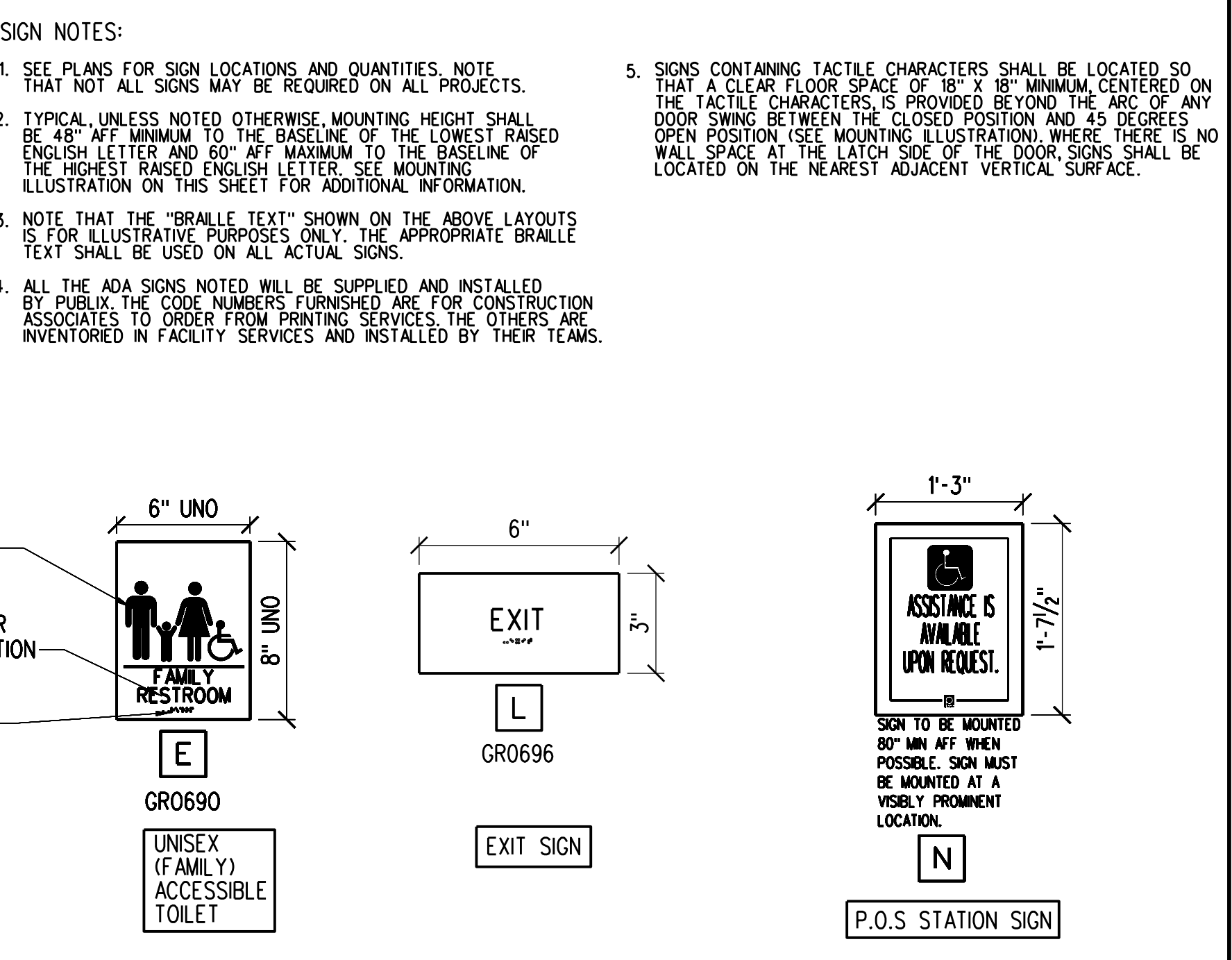
D1 SS CORNER PROTECTOR CP-3 DETAIL A-4 3' - 1'-0"



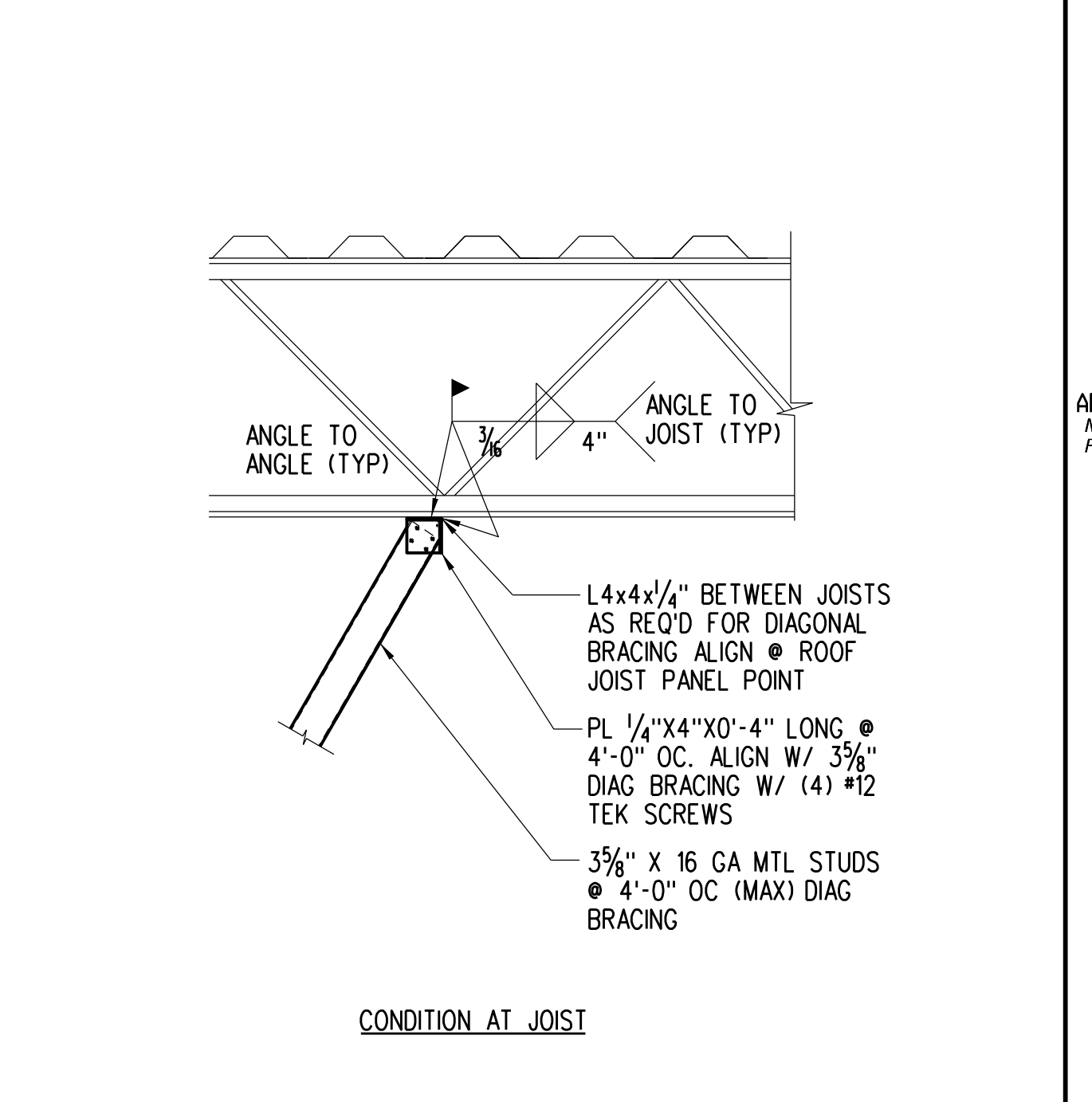
D2 SLAB-ON-GRADE PATCHING (NON-TERRAZZO) A-4 3/4" - 1'-0"



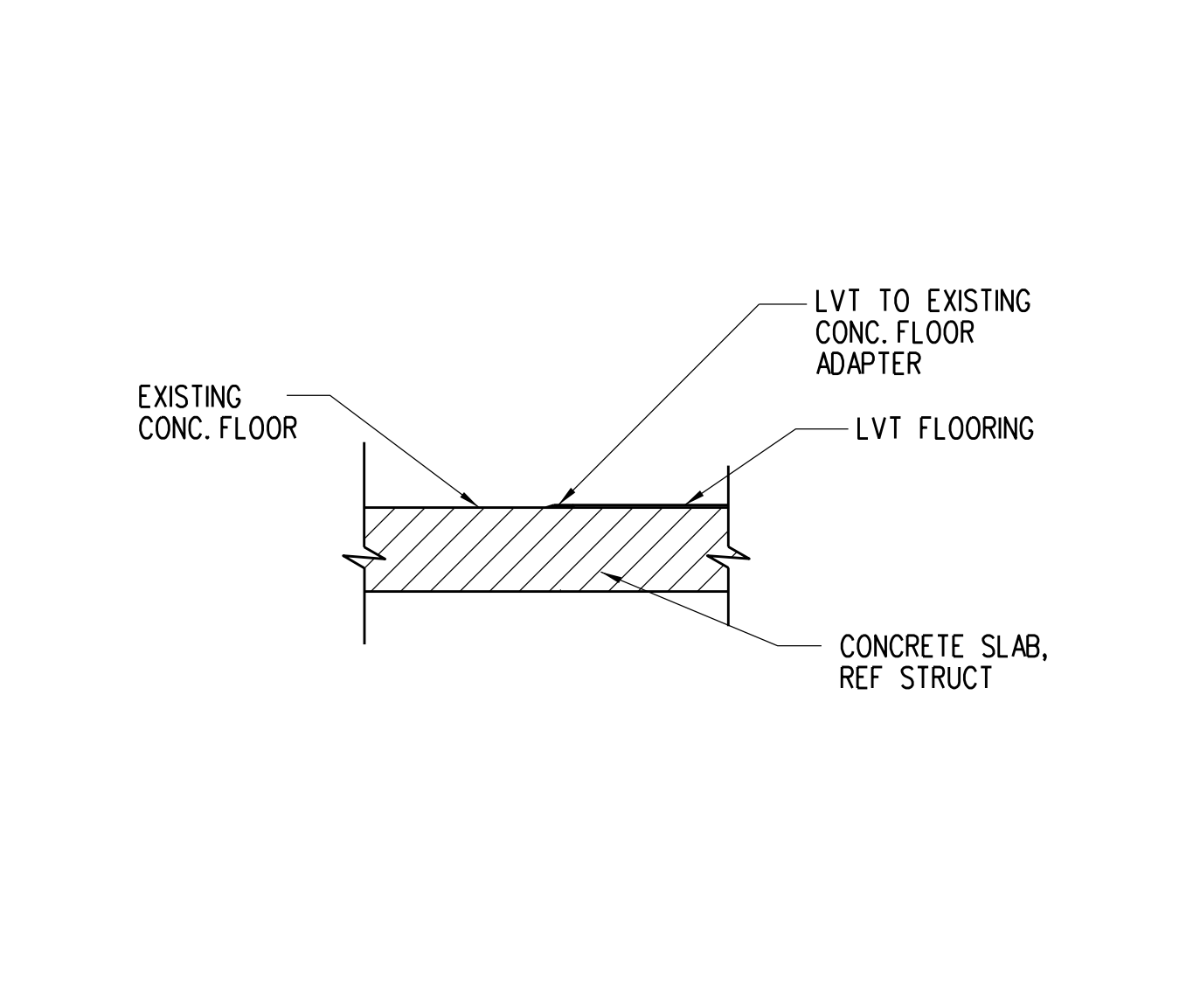
D3 ACCESSIBLE SIGNAGE A-4 NTS



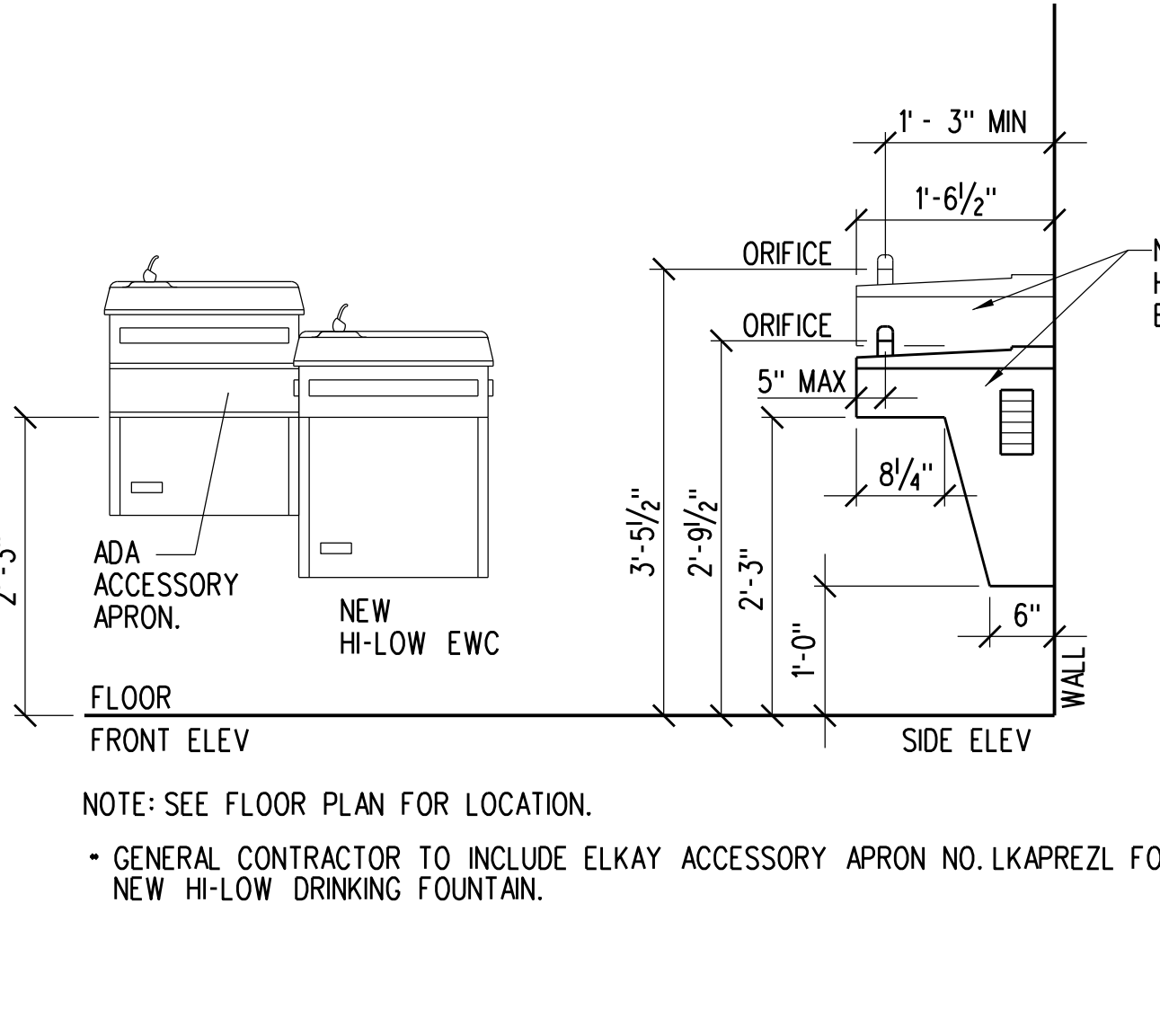
D4 ACCESSIBLE FIXTURE MOUNTING HEIGHTS A-4 3/4" - 1'-0"



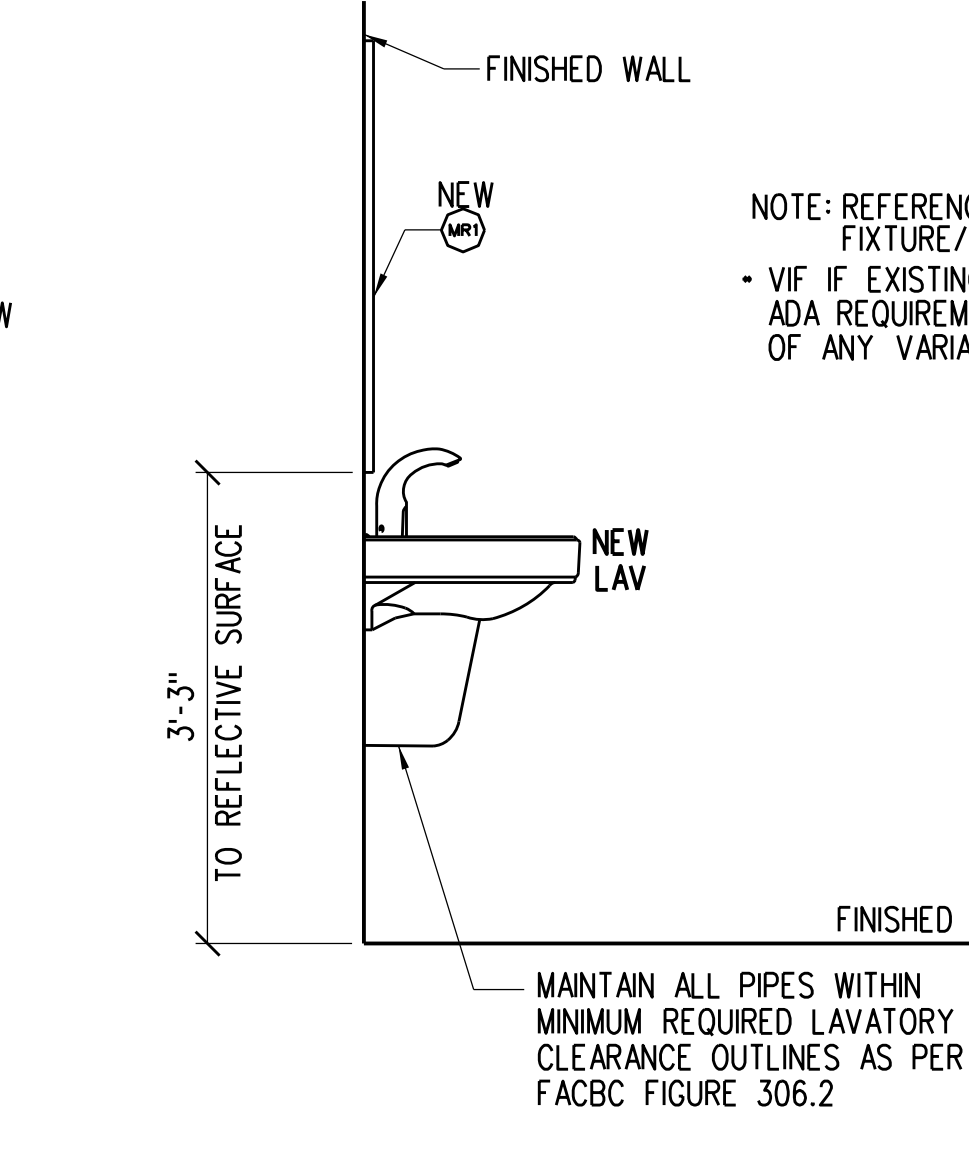
D5 BRACING CONNECTION DETAIL A-4 NTS



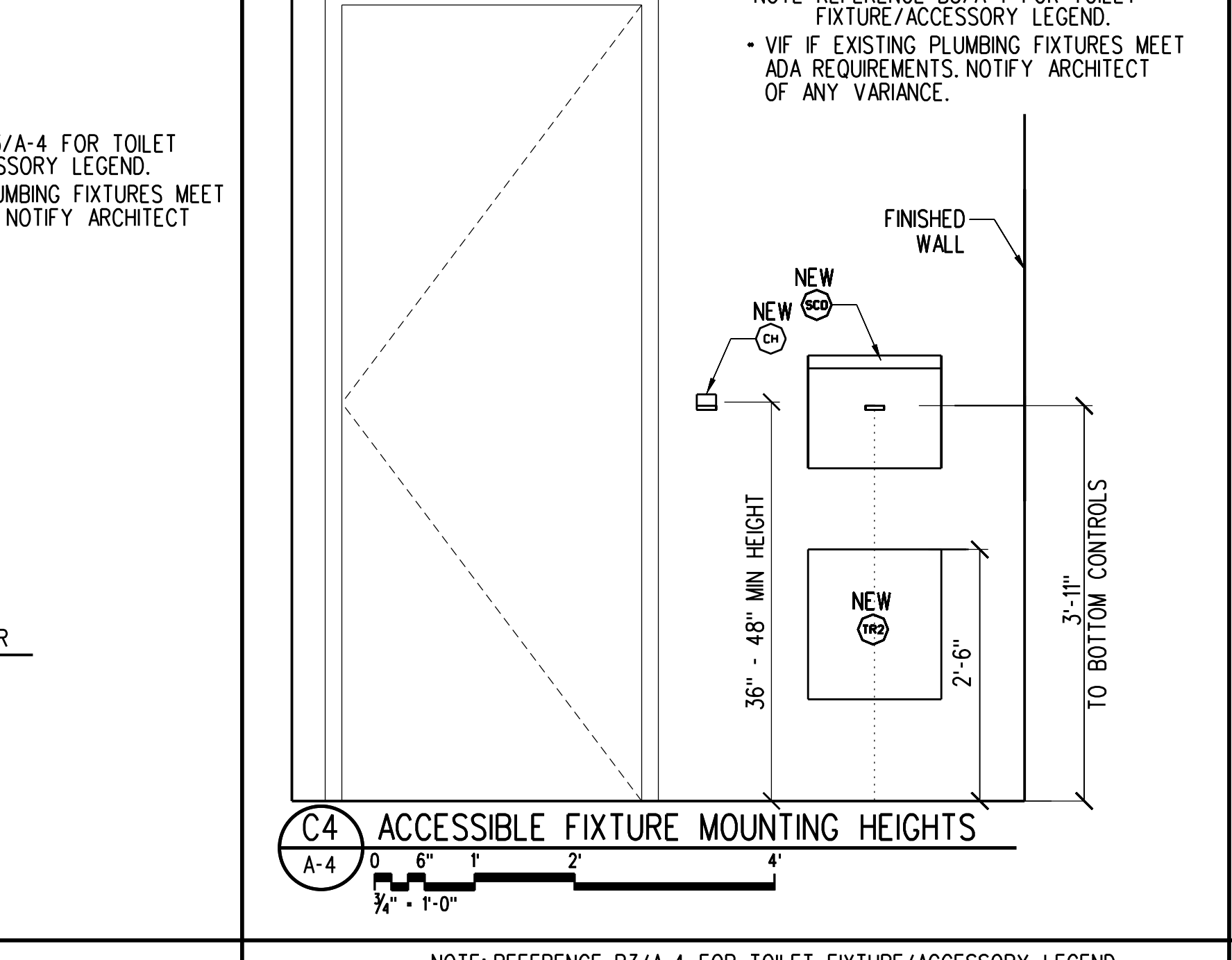
C1 CONCRETE TO LVT TRANSITION A-4 1/2" - 1'-0"



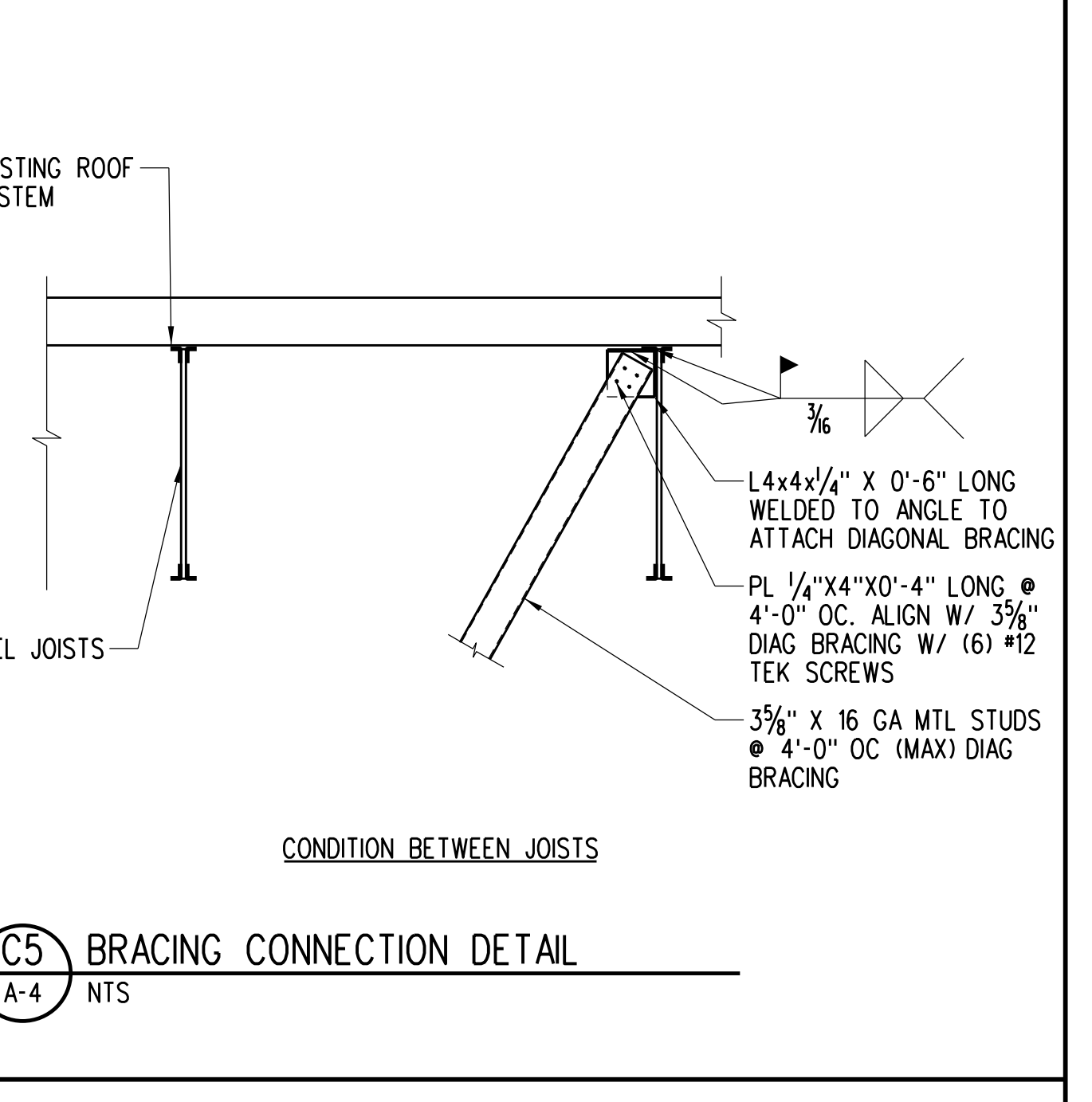
C2 ACCESSIBLE FIXTURE MOUNTING HEIGHTS A-4 3/4" - 1'-0"



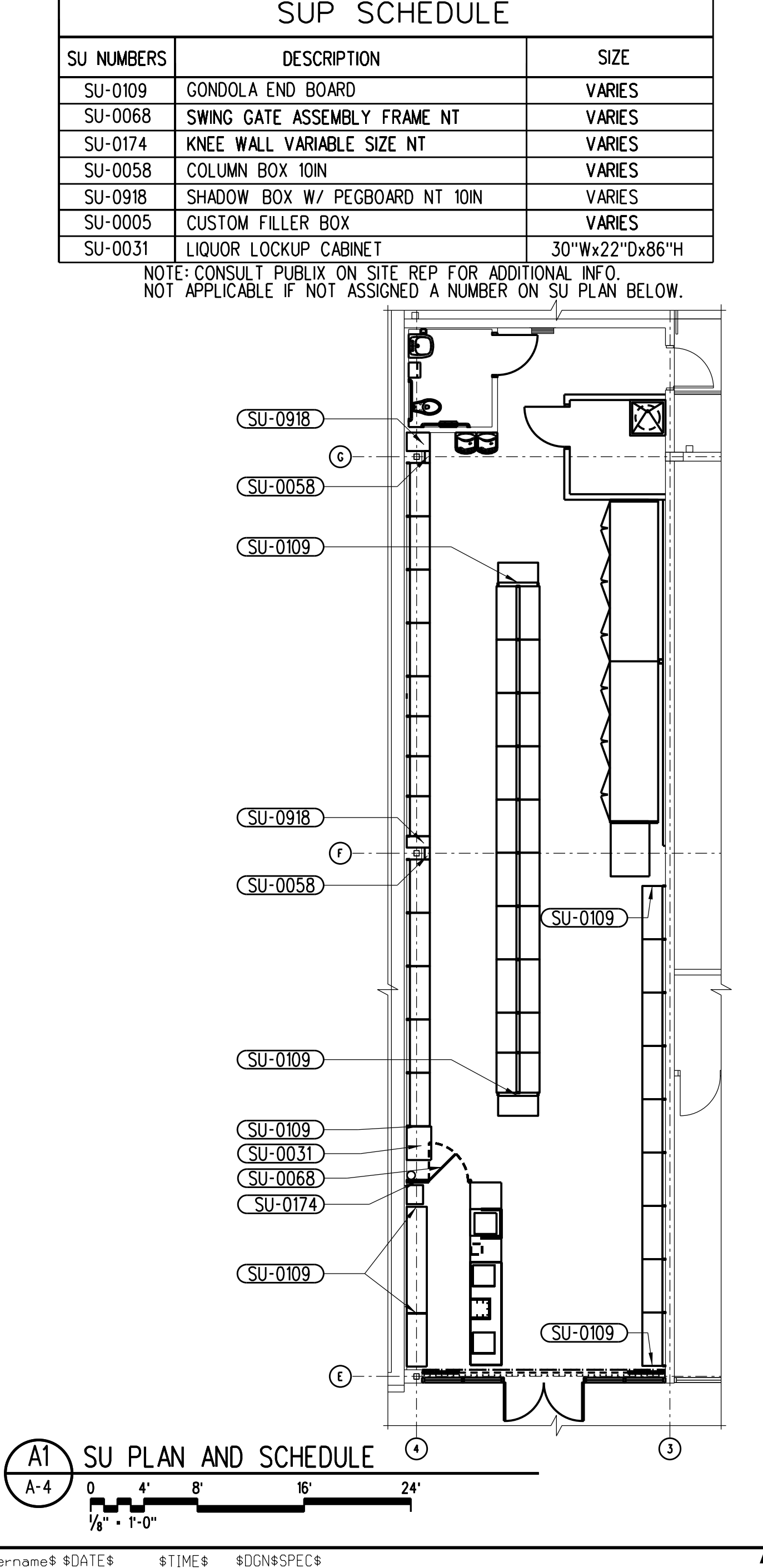
C3 ACCESSIBLE LAVATORY SIDE ELEVATION A-4 3/4" - 1'-0"



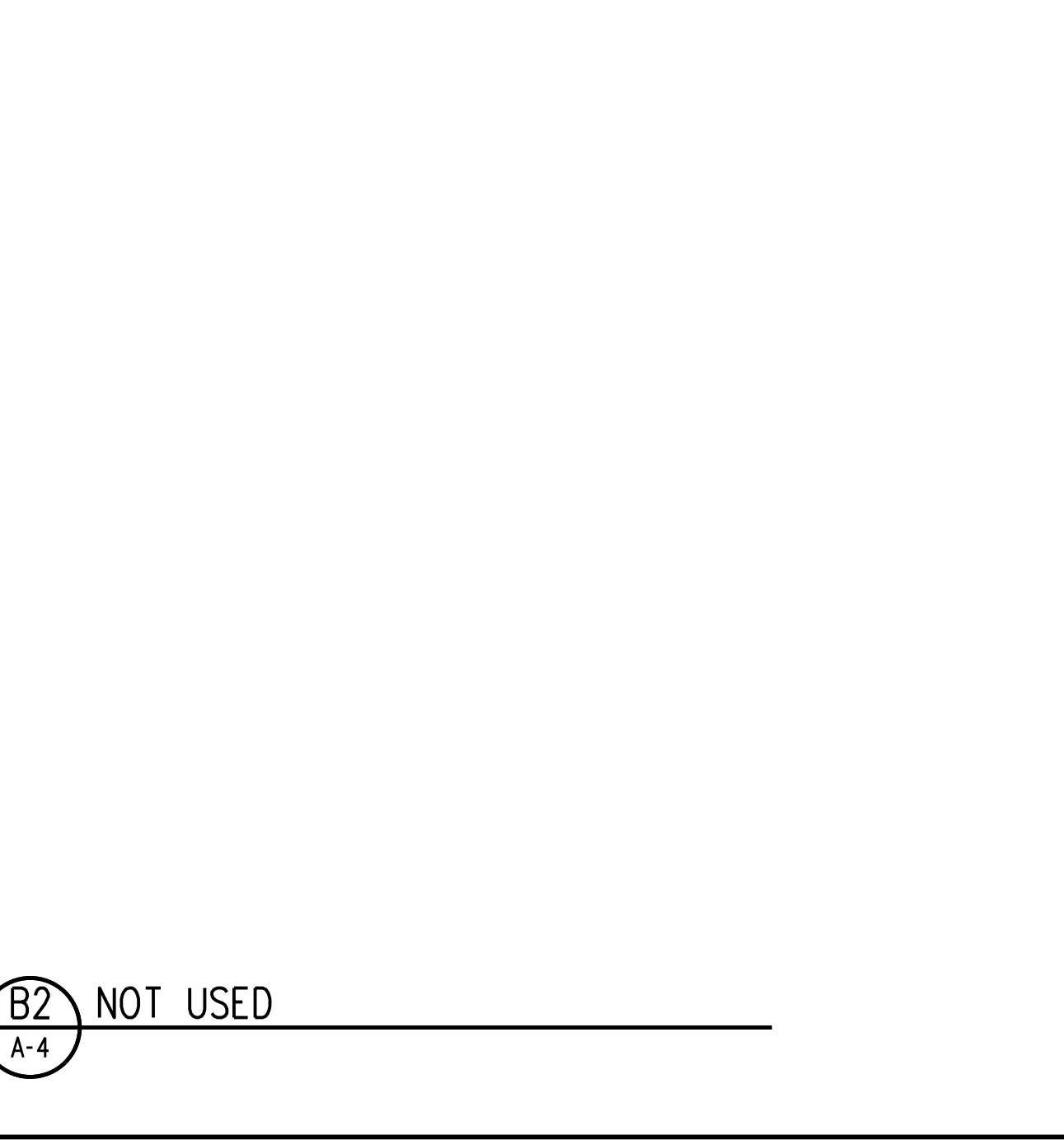
C4 ACCESSIBLE FIXTURE MOUNTING HEIGHTS A-4 3/4" - 1'-0"



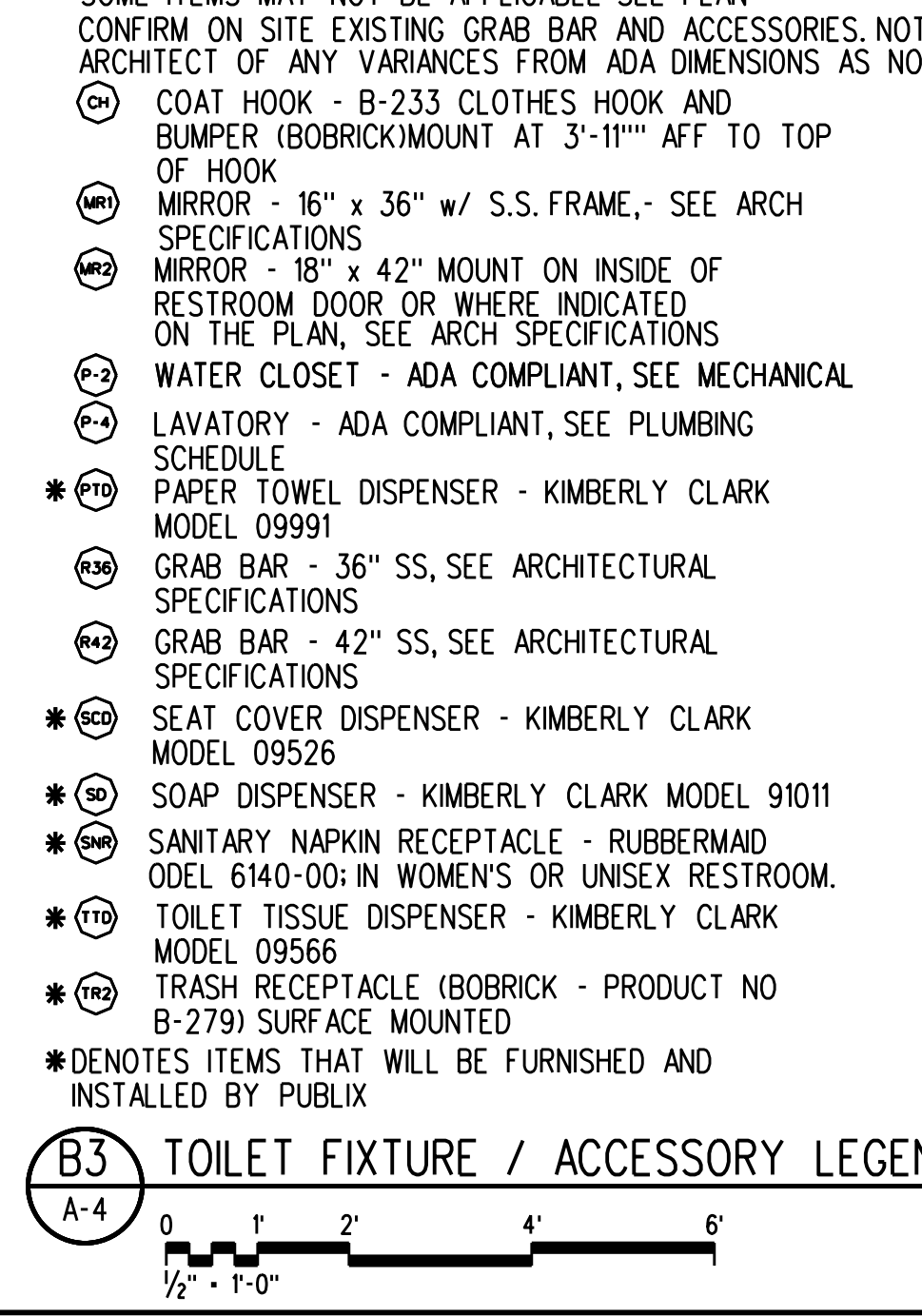
C5 BRACING CONNECTION DETAIL A-4 NTS



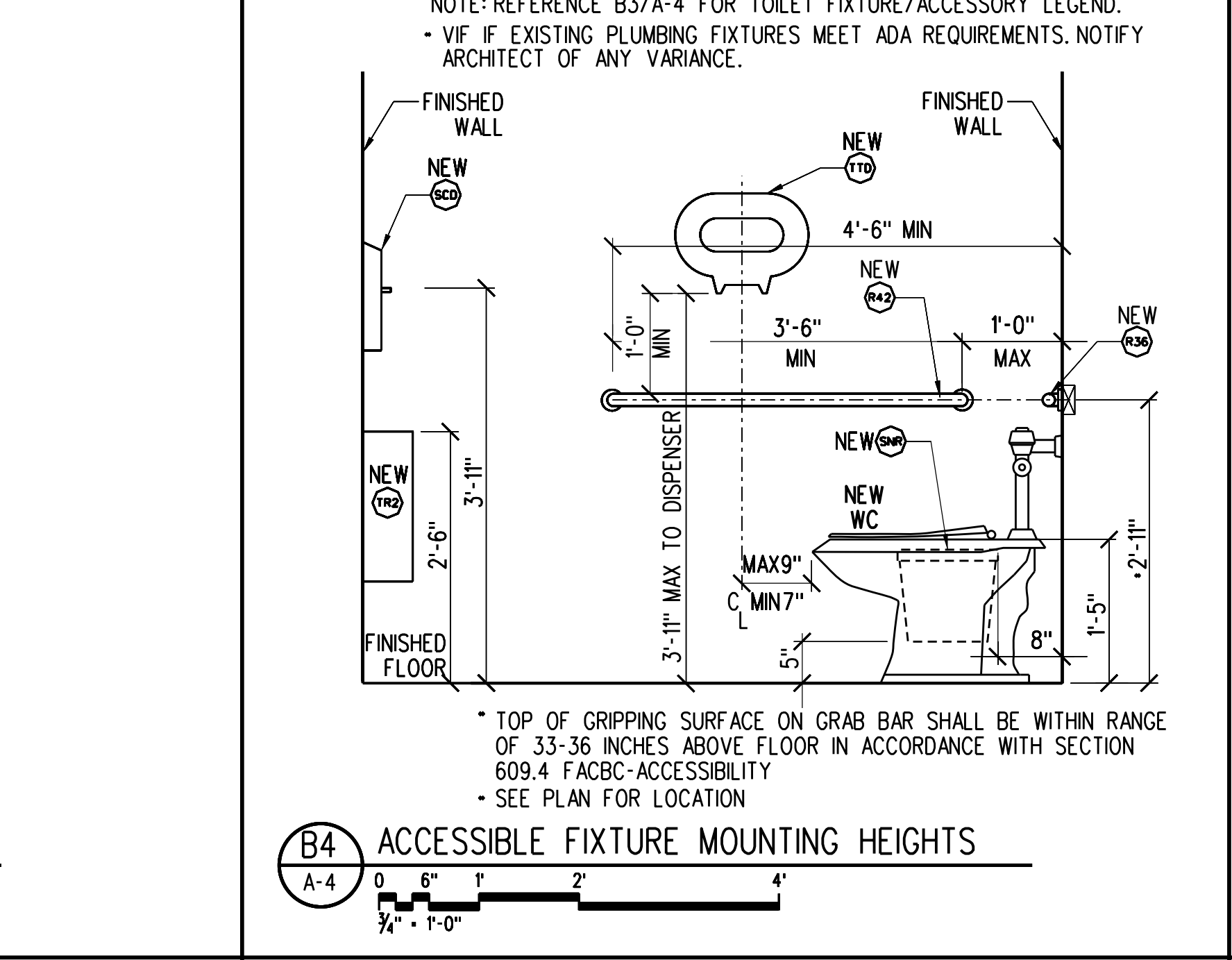
A1 SU PLAN AND SCHEDULE A-4 1/4" - 1'-0"



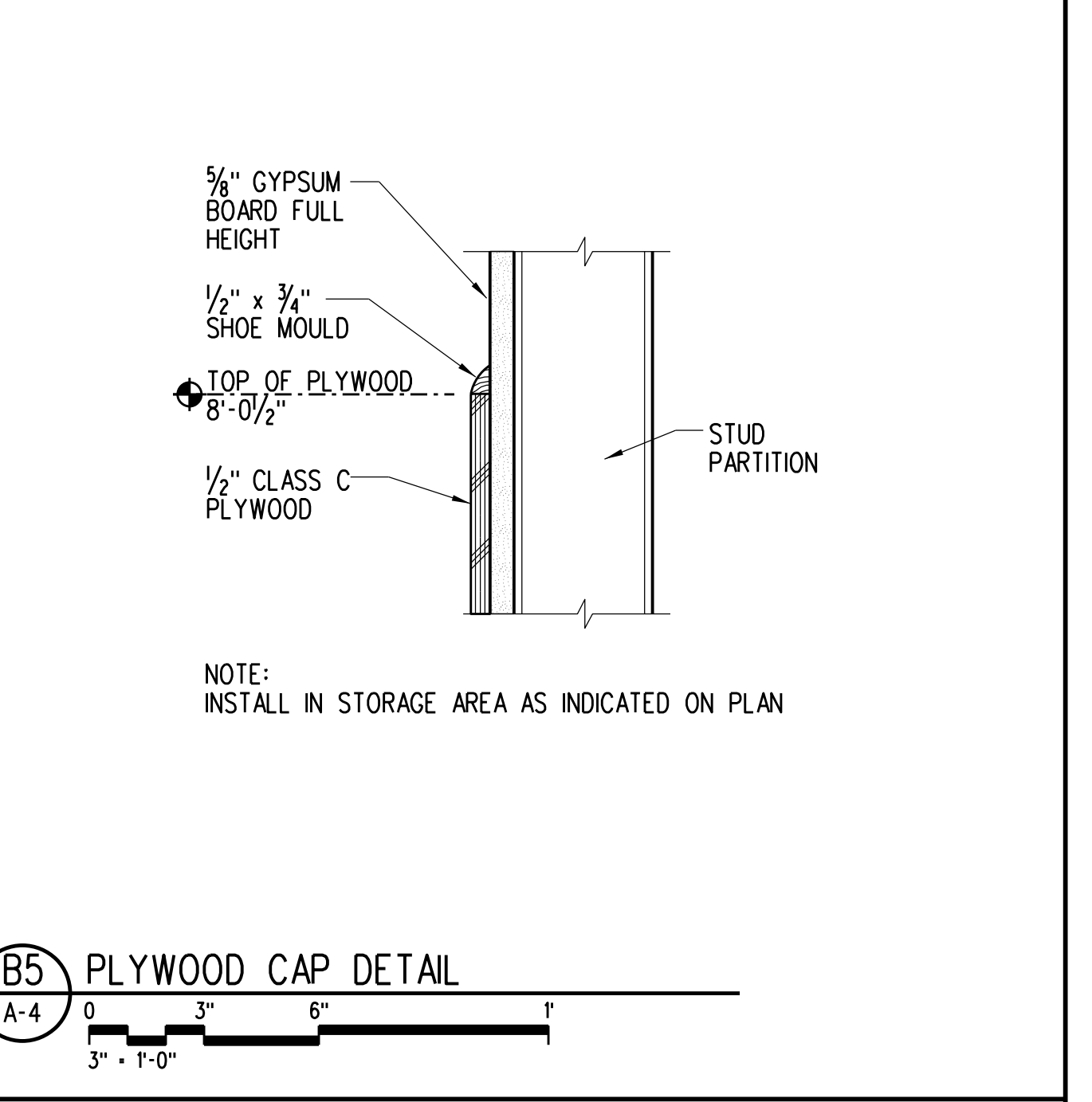
A2 CURB FLASHING (TYPICAL) A-4 NTS



A3 ENLARGED UNISEX (FAMILY) ACCESSIBLE TOILET PLAN A-4 1/2" - 1'-0"



A4 ACCESSIBLE FIXTURE MOUNTING HEIGHTS A-4 3/4" - 1'-0"



A5 FRONT BOLLARD DETAIL A-4 3/4" - 1'-0"

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Jacobs Project No.: F6-W752-00-0266LS Drawing Title: SU AND TOILET PLAN, ELEVATIONS AND DETAILS Date: 01/26/23 Designed By: P BEGANY Drawn By: P BEGANY Checked By: M MATOS Drawing No.: A-4

DOOR SCHEDULE

DOOR NO	DOORS					FRAME				FIRE RATING LABEL	HOW SET NO	DOOR NO	NOTES	
	TYPE	MATL	NOMINAL SIZE			GLAZING	TYPE	MATL	JAMB					SILL
			WIDTH	HEIGHT	THICKNESS									
101A	D1	ALUM	(2) 3'-0"	8'-0"	1 1/4"	IMPACT RESISTANT	F1	ALUM	A3/A-5	----	----	N	101A	1, 6, 11, 12
101B	--	----	----	----	----	----	----	----	----	----	----	SC	101B	10, 14, 15
101C	--	----	----	----	----	----	----	----	----	----	----	SC	101C	10, 14, 15
101D	ER	ER	3'-0"	7'-0"	1 1/4"	----	----	PGHM	----	----	----	SC	101D	1, 2, 3, 7, 8, 9, 13
102	D2	PLSC	3'-0"	7'-0"	1 1/4"	----	F1	PGHM	A1/A-5	----	----	D	102	2, 3, 4, 5
103	ER	ER	3'-0"	7'-0"	1 1/4"	----	----	PGHM	----	----	----	D-1	103	1, 2, 3, 4, 5

NOTE: VERIFY IN FIELD DOOR HARDWARE AND DOOR FRAME PROVIDED/INSTALLED PER SHELL BUILDING PERMIT, PROVIDE SPECIFIED HARDWARE AS REQUIRED TO MEET PUBLIC STANDARDS

- GENERAL NOTES:**
- SET DOOR CLOSER WITH A MAX FORCE OF 5 LBF INTERIOR, AND 8.5 LBF EXTERIOR, REF FACBC 404.2.9. THE SWEEP PERIOD SHALL BE AT LEAST 5 SECONDS FROM AN OPEN POSITION OF 90 DEGREES TO A POINT 12 DEGREES FROM THE LATCH, MEASURED TO THE LEADING EDGE OF THE DOOR. REF FACBC 404.2.8. IF EXISTING CLOSER(S) NOTED TO REMAIN CANNOT BE ADJUSTED INTO COMPLIANCE, REPLACE WITH NEW COMPLIANT CLOSER. REVIEW WITH PUBLIC FIELD REP FOR APPROVAL.
 - REFERENCE SPECS FOR ADDITIONAL HARDWARE INFORMATION.
 - PAINT NEW EXISTING HM DOOR FRAME.
 - DOORS TO BE LAMINATED WITH WILSONART KENSINGTON MAPLE (10776-60), BOTH SIDES.
 - PROVIDE 1" UNDERCUT ON DOOR.
 - REFER TO C3/A-6 FOR NEW STOREFRONT ELEVATION.
 - REF ELECTRICAL PROVIDE 120V CIRCUIT TO DELAYED EGRESS DEVICE. NOTE: DOOR SHALL UNLOCK UPON ACTIVATION OF EITHER THE SPRINKLER SYSTEM, HEAT DETECTION DEVICES, OR SMOKE DETECTION DEVICES, AND ALSO UPON LOSS OF POWER CONTROLLING THE LOCKING MECHANISM, IN ACCORDANCE WITH FPPC, SEVENTH EDITION (2020), NFPA 101, 7.2.1.6.1. PROVIDE READILY VISIBLE SIGNAGE ON DOOR IN 1 INCH LETTERS (MIN 1/8" LINEWEIGHT) STATING: "PUSH UNTIL ALARM SOUNDS. DOOR CAN BE OPENED IN 15 SECONDS"
 - THE GENERAL CONTRACTOR TO PROVIDE THE DELAYED EGRESS CRASH BAR AND THE CONNECTION TO THE RETAIL PLAZA FIRE ALARM CONTROL PANEL. CONFIRM ALARM MONITORING OF RETAIL SPACE ON SITE OR THROUGH OWNER'S REP AND COORDINATE CONNECTION WITH 3RD PARTY MONITORING WHERE APPLICABLE.
 - PROVIDE ROCKWOOD MODEL #622 DOOR VIEWER MTD @ 58" AFF. REF SPECS.
 - NEW SLIDING GRILLE BY DYNAMIC CLOSURES (SL-PARAVENT MODEL). SEE HARDWARE GROUP SG. (AFTER HOUR CLOSURE ONLY). SUBMIT SHOP DRAWINGS FOR APPROVAL.
 - PAIR OF 3'-0" DOORS TO BE ACTIVE.
 - VERIFY SPECIFIED DOOR CLOSER FOR FRONT ENTRANCE DOORS AND CONFIRM CLOSER WILL NOT OBSTRUCT SLIDING SECURITY GRILLE. NOTIFY ARCHITECT IF ALTERNATE CLOSER IS REQUIRED.
 - PROVIDE SECURITY ASTRAGAL ON EXTERIOR DOOR - MODEL PEMKO 3572SS, 10 GAUGE STEEL OFFSET SECURITY BAR OR APPROVED EQUAL. HARDWARE TO BE PROVIDED TO NEW AND/OR EXISTING EXTERIOR DOORS (REAR AND SIDE EXTERIOR HOLLOW METAL DOORS ONLY), ON ACTIVE LEAF OF PAIR DOORS, AS APPLICABLE. GC TO PROVIDE SHOP DRAWING SUBMITTAL. FINISH: STAINLESS STEEL.
 - HORIZONTAL OR VERTICAL SECURITY GRILLES OR DOORS COMPLYING WITH 7.2.1.4.1(3) SHALL BE PERMITTED TO BE USED AS PART OF THE REQUIRED MEANS OF EGRESS FROM A TENANT SPACE (NFPA 101:3-2.2.2.7).
 - THE SECURITY GRILLE IS EQUIPPED WITH AN EMERGENCY EGRESS DEVICE TO DISENGAGE MECHANISM AND ALLOWS GRILLE TO RELEASE FOR EXITING. GRILLES ARE PERMITTED AT THE MAIN EXIT AND SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT DURING PERIODS THAT THE SPACE IS OCCUPIED PER FBC-B 2020 SECTION 100.1.4.5

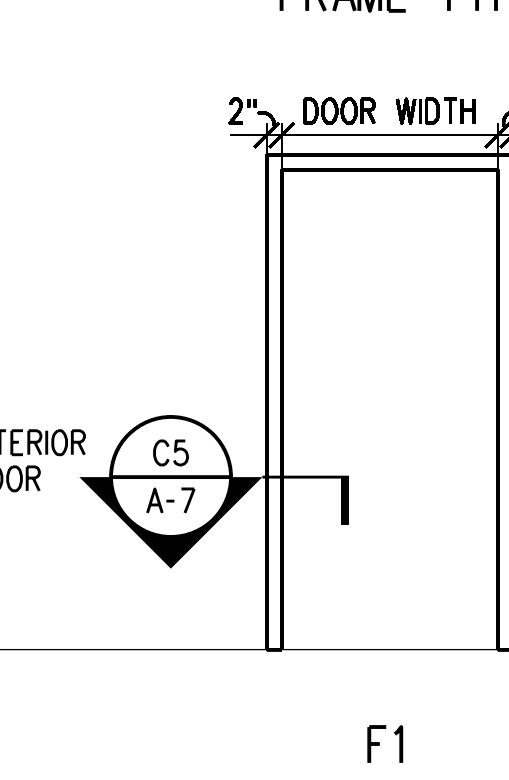
DOOR SCHEDULE ABBREVIATIONS:

PLSC	PLASTIC LAMINATED SOLID CORE WOOD	ALUM	ALUMINUM	HM	HOLLOW METAL
PGHM	PAINTED GALVANIZED HOLLOW METAL	ER	EXISTING TO REMAIN	VP	VISION PANEL
				SS	STAINLESS STEEL
				PLAS	PLASTIC

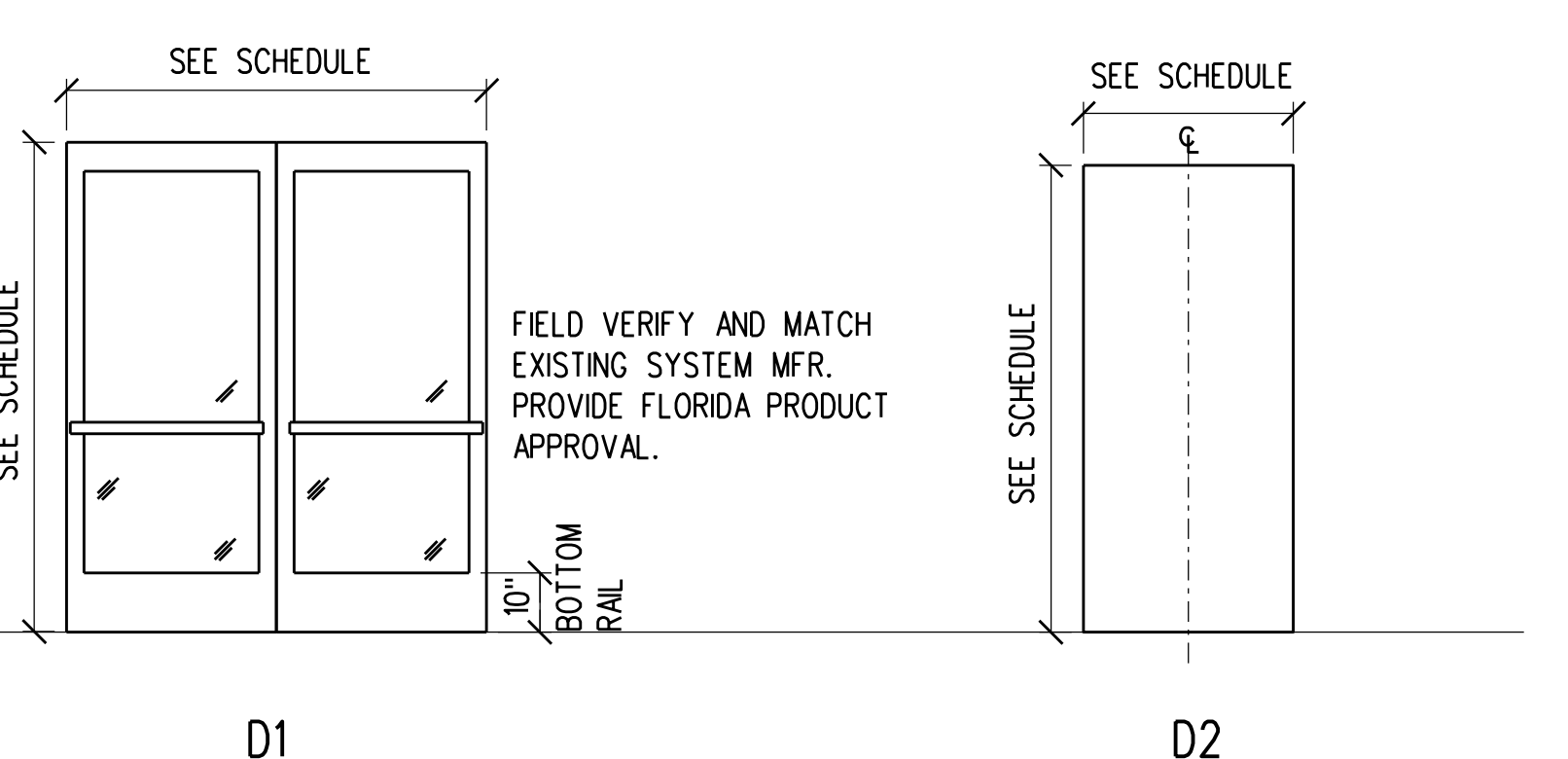
DOOR HARDWARE

- GROUP LS (REAR DOOR) HARDWARE SET ONLY 3'-0" X 7'-0" DOOR**
 DELAYED EGRESS DEVICE TO BE PROVIDED BY GC NOTIFY ARCHITECT IF RECD. CONDITIONS CAN NOT BE MET PER NFPA 101, 7.2.1.6.1.
 EXIT PANIC BAR
 3 EACH HINGES T42714 4.5x4.5 NRP x USP
 1 ALARMED EXIT DEVICE V40XEE626
 1 CYLINDER FOR ALARM (FURNISHED/INSTALLED BY PUBLIC)
 1 EA LATCH PROTECTOR MLP 211 SL
 1 EA CLOSER W/ STOP, H.O. 1431RS TB
 1 EA ONE-WAY VIEWER 622-CRM
 1 EA THRESHOLD 2005 AS
 1 SET WEATHER STRIP S88D
 1 EACH DOOR SWEEP PEMKO 57AV
- GROUP D (STORAGE)**
 LOCKSET, CAN BE DISABLED FROM INSIDE: OFFICES, BOOKKEEPING/ CONFERENCE, TRAINING ROOMS, STORAGE ROOMS
 3 EACH HINGES 1279 X 4.5 X 4.5
 1 EACH ENTRANCE LOCKSET 28 10G05 LL
 1 EACH DOOR STOP 409 OR 443 AS REQUIRED
 3 EACH SILENCERS
- GROUP D-1 (UNSEX (FAMILY) ACCESSIBLE TOILET)**
 LOCKSET, CAN BE DISABLED FROM INSIDE- SINGLE TOILETS
 3 EACH HINGES BB1279 X 4.5 X 4.5
 1 ENTRANCE LOCKSET 10G44 LL
 1 DOOR STOP 409 OR 443 AS REQUIRED
 1 EACH CLOSER 1431UD TB
 3 EACH SILENCERS
- GROUP N (STOREFRONT)**
 CONFIRM STANDARD MORTIS OR RIMSET CYLINDER.
 CONFIRM ADA COMPLIANT HALF SADDLE THRESHOLD, PEMKO 229a OR APR EQUAL.
 CONFIRM NEW EXISTING CLOSER ALLOWS FOR SECURITY GRILLE BYPASS CLEARANCE. NEW CLOSER SHALL BE LCN 4510 "SMOOTHE" SERIES EXTERIOR MOUNT VANDAL RESISTANT DOOR CLOSER OR APPROVED PARALLEL ARM CLOSER.
- GROUP SG (SECURITY GRILLE)**
 LOCKSET, MORTISE CYLINDER KEYS ENTRY SIDE, ADA THUMBTURN INSIDE HOOKBOLT LEAD POST OF GRILLE SECURES TO WALL MOUNTED CHANNEL LOCK RODS ENGAGE STL FLOOR SOCKETS. GRILLE SECURED/OPENED FROM OUTSIDE ENTRY SIDE.

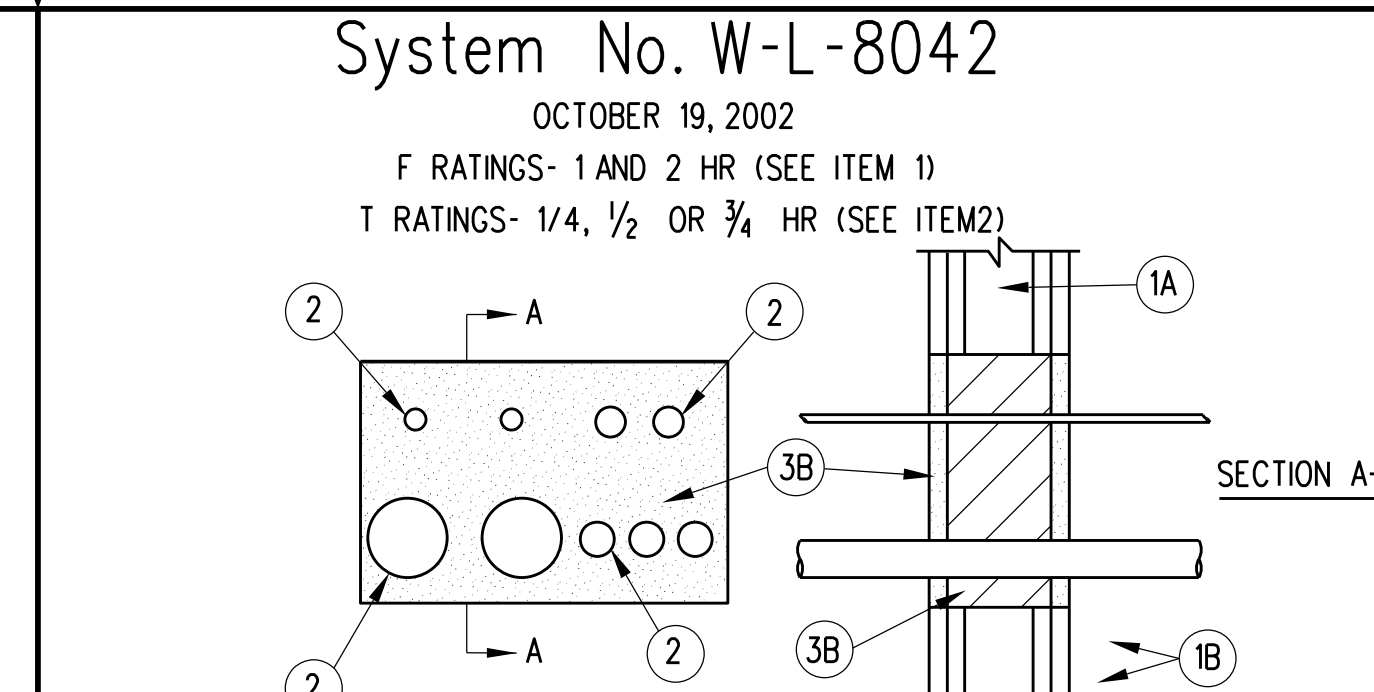
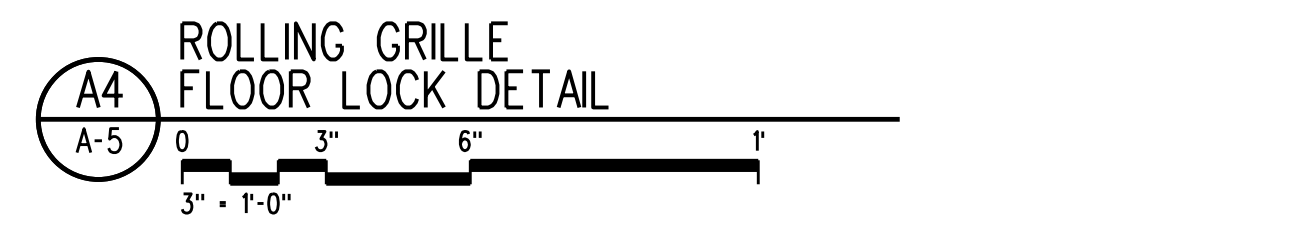
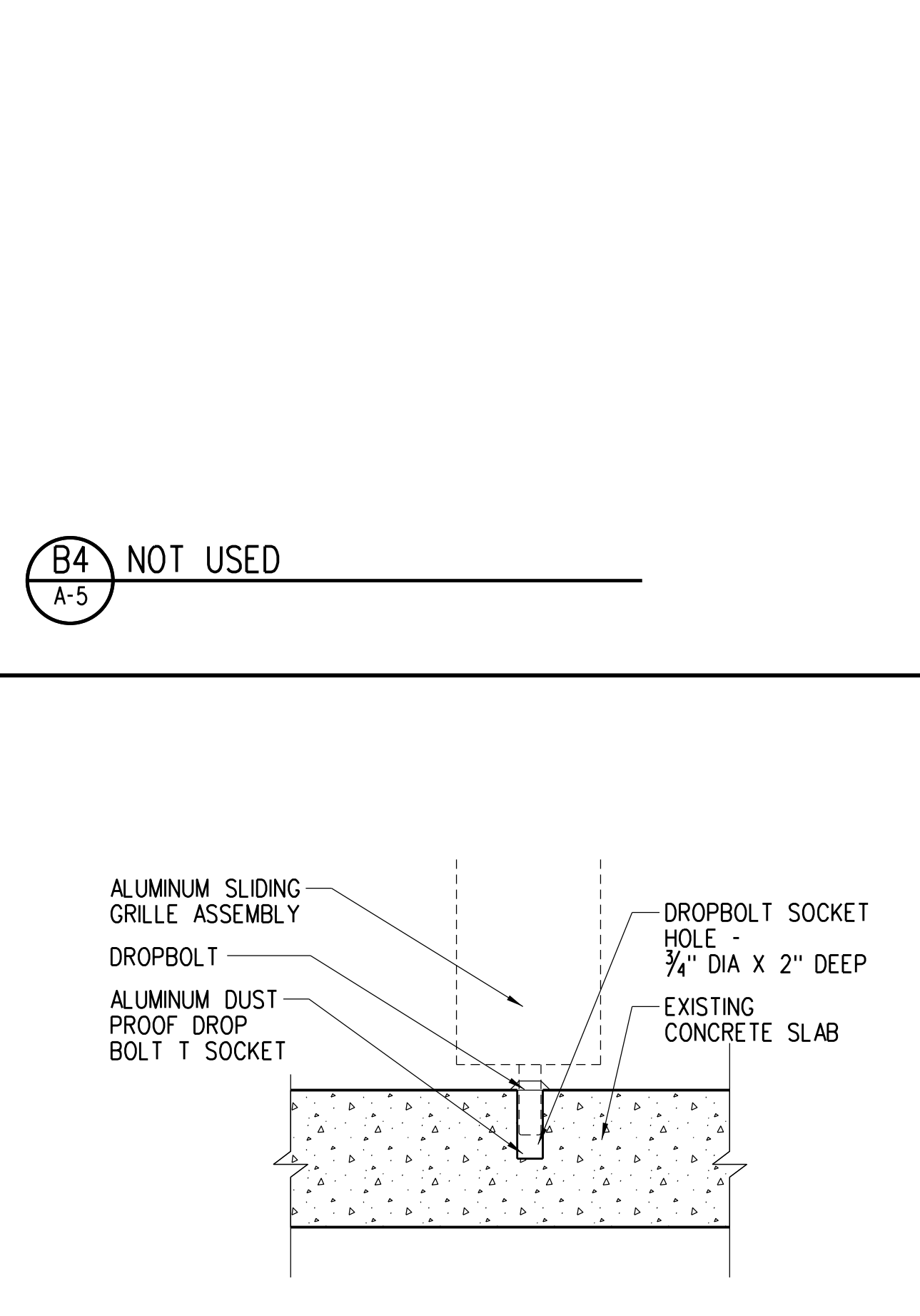
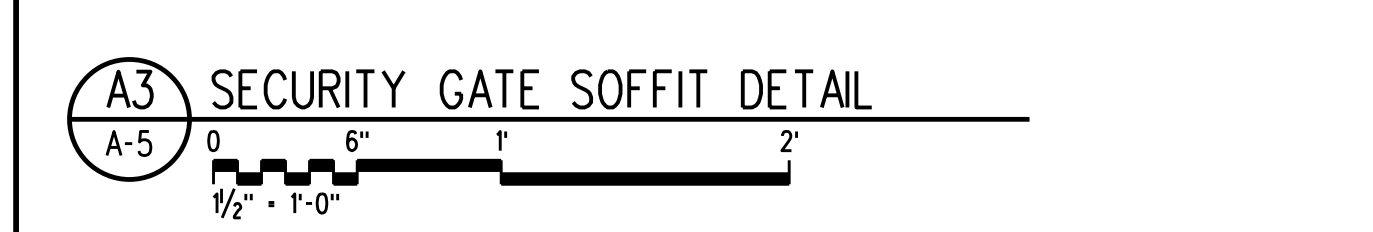
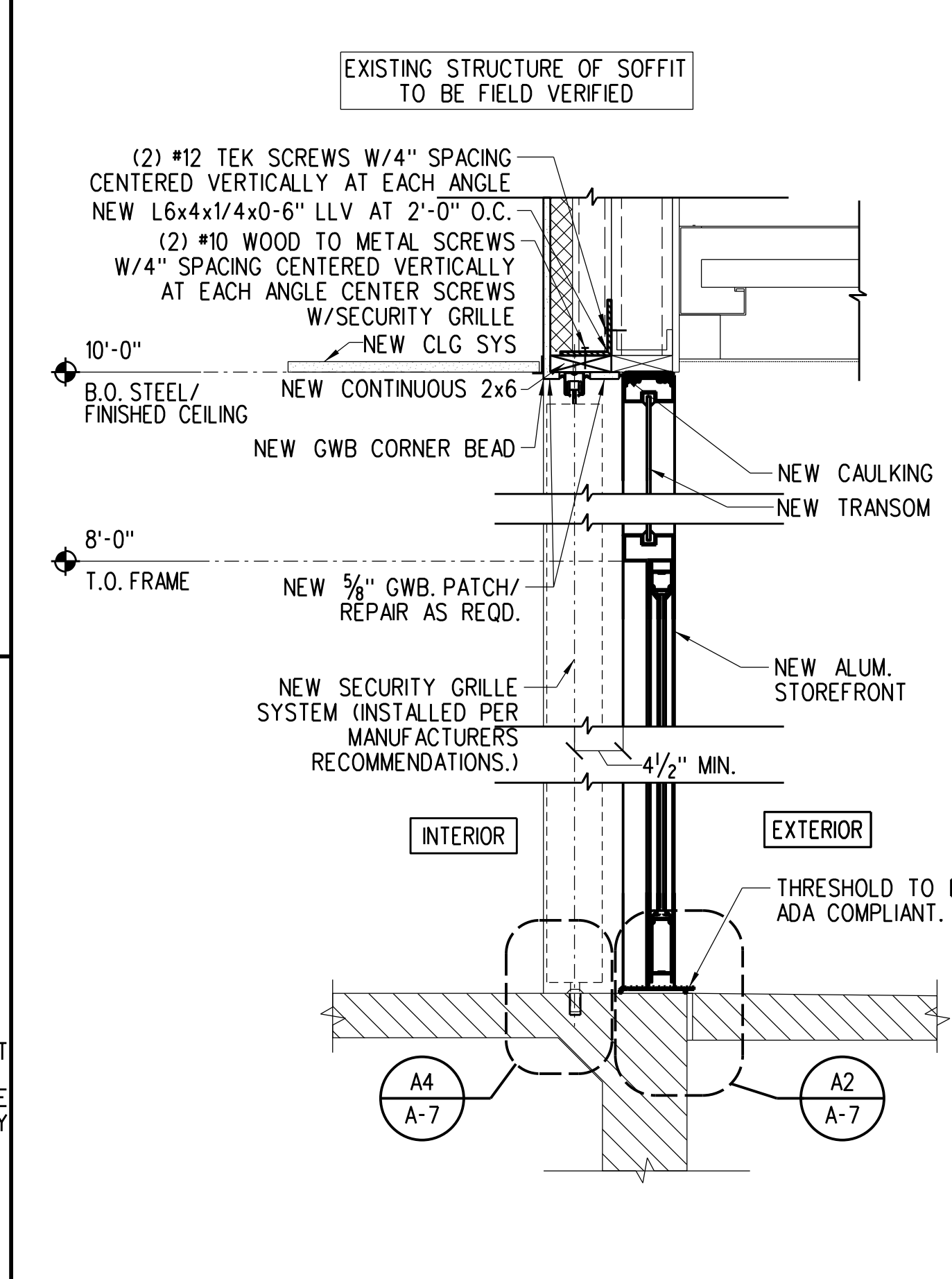
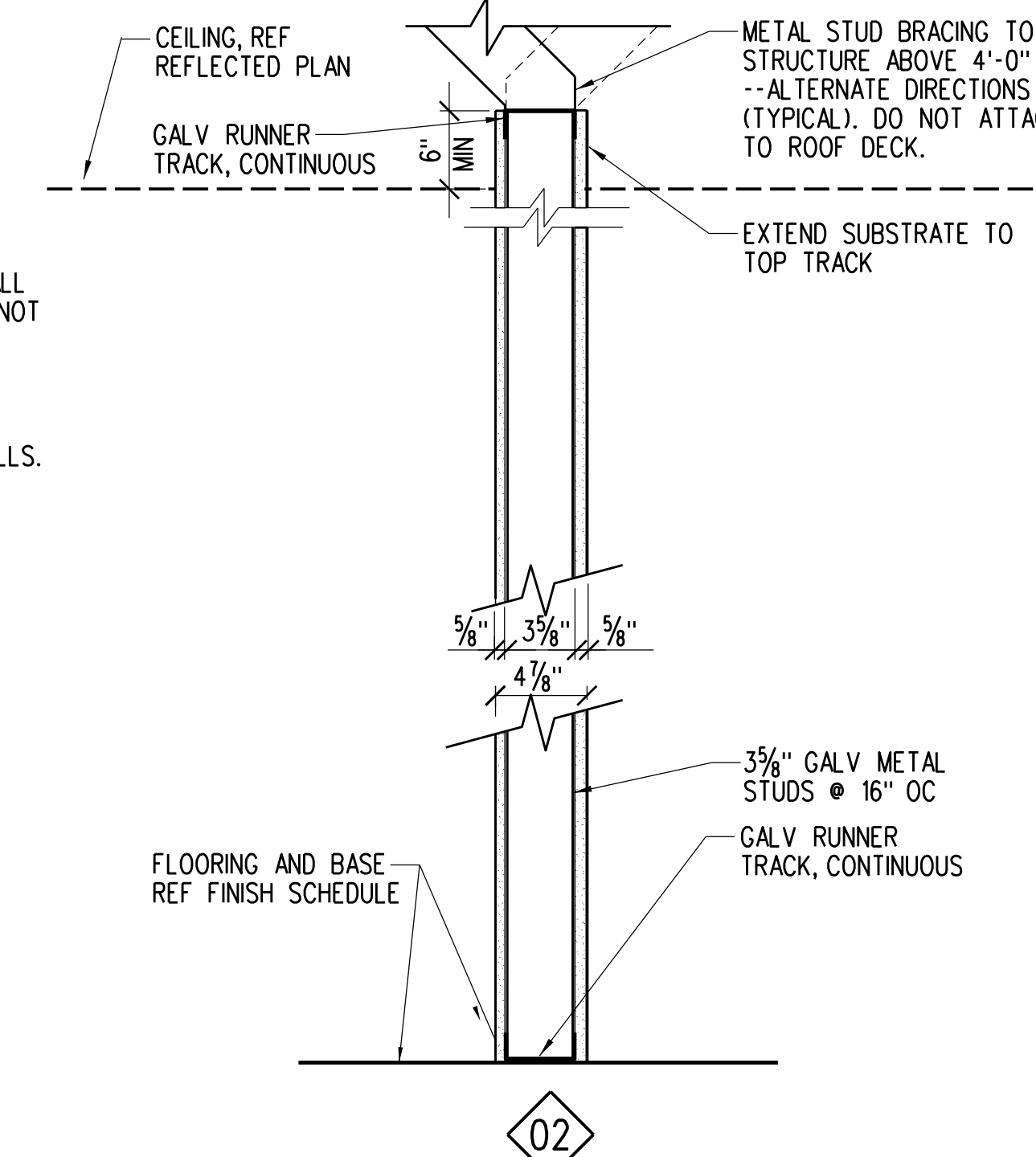
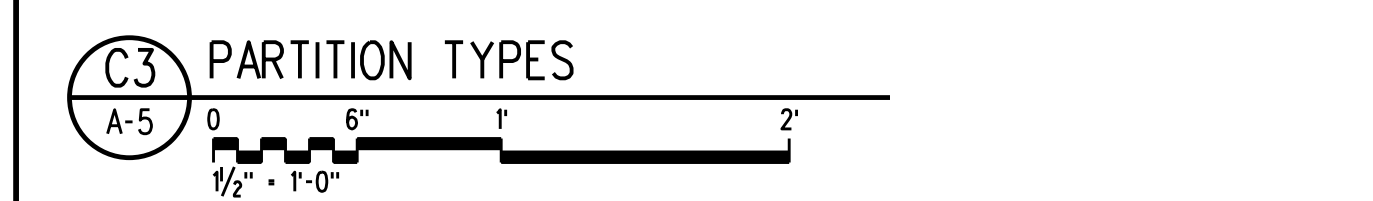
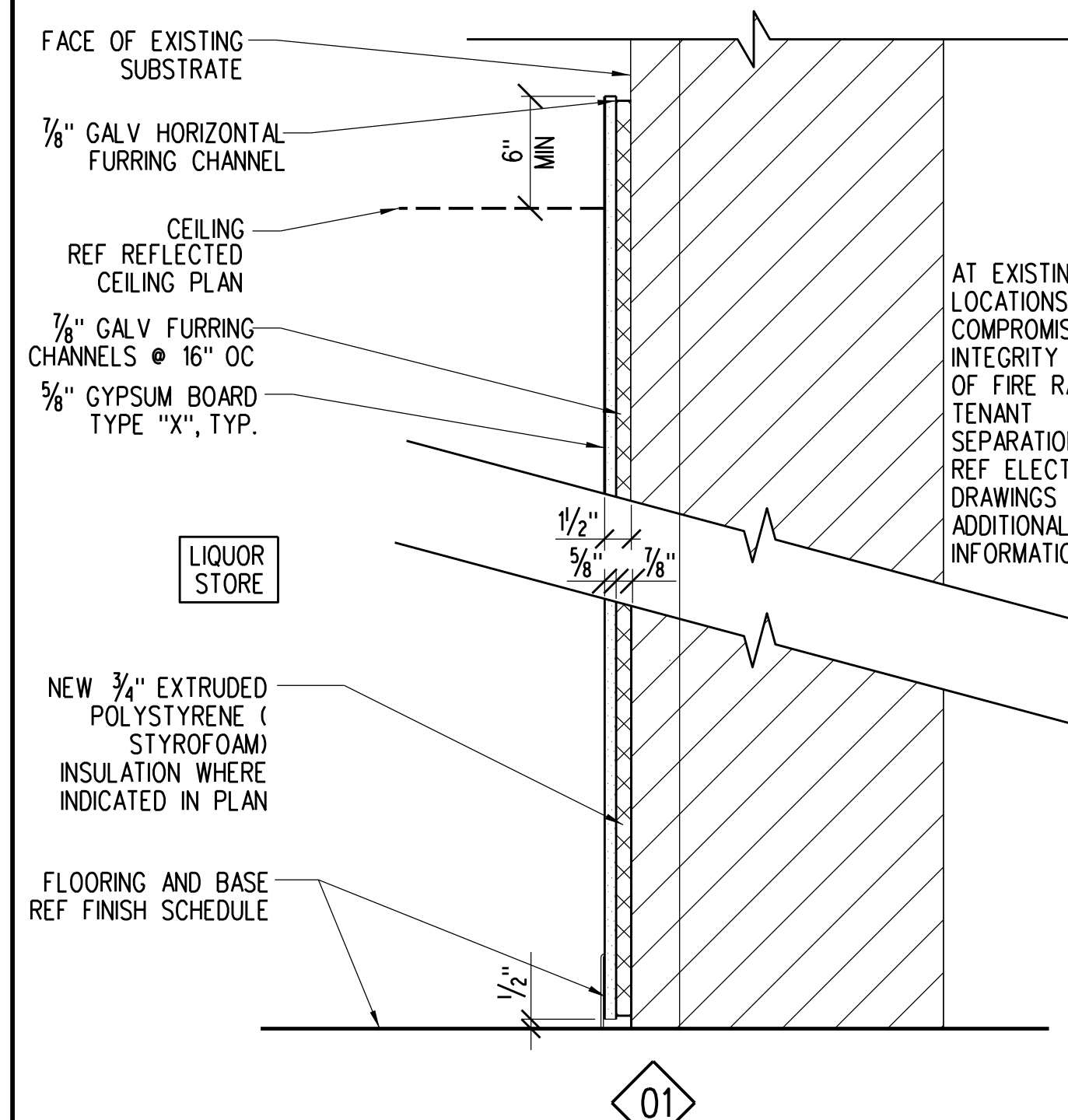
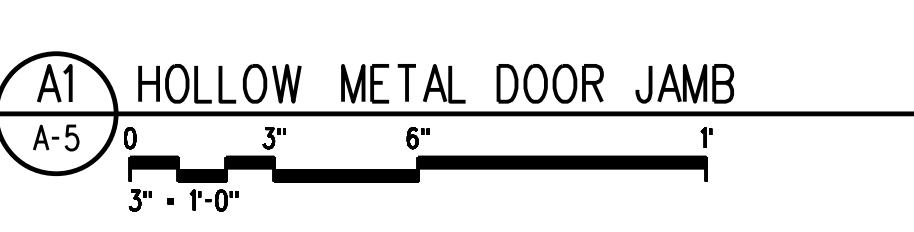
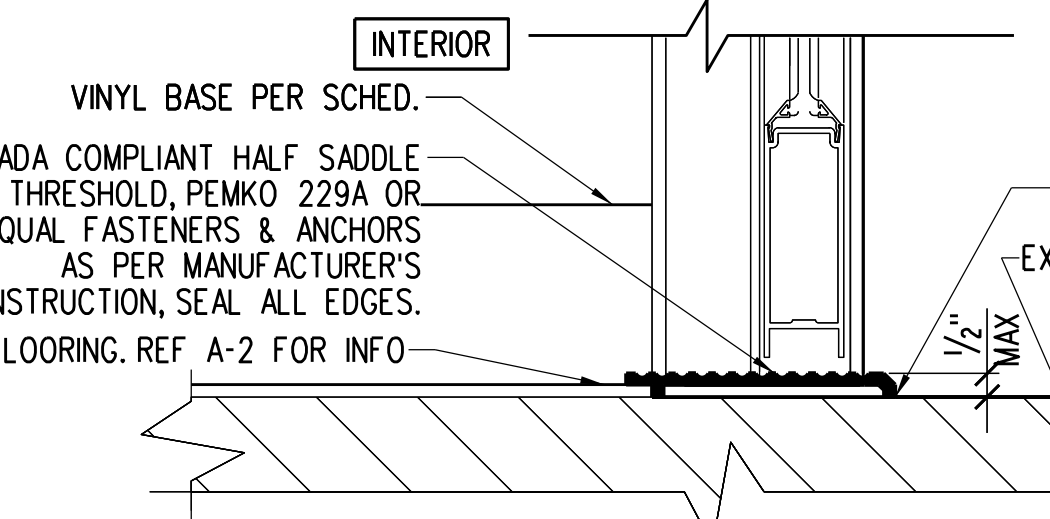
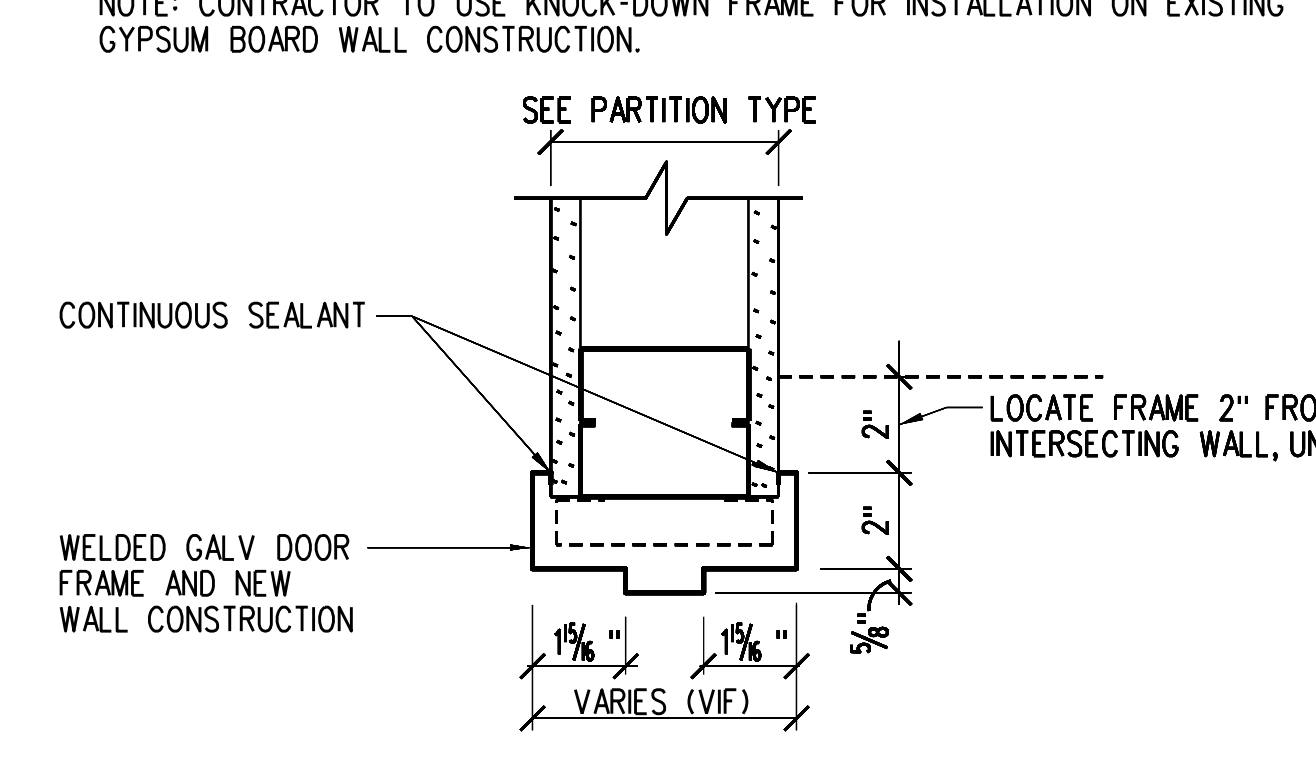
FRAME TYPE



DOOR TYPE



NOTE: CONTRACTOR TO USE KNOCK-DOWN FRAME FOR INSTALLATION ON EXISTING GYPSUM BOARD WALL CONSTRUCTION.



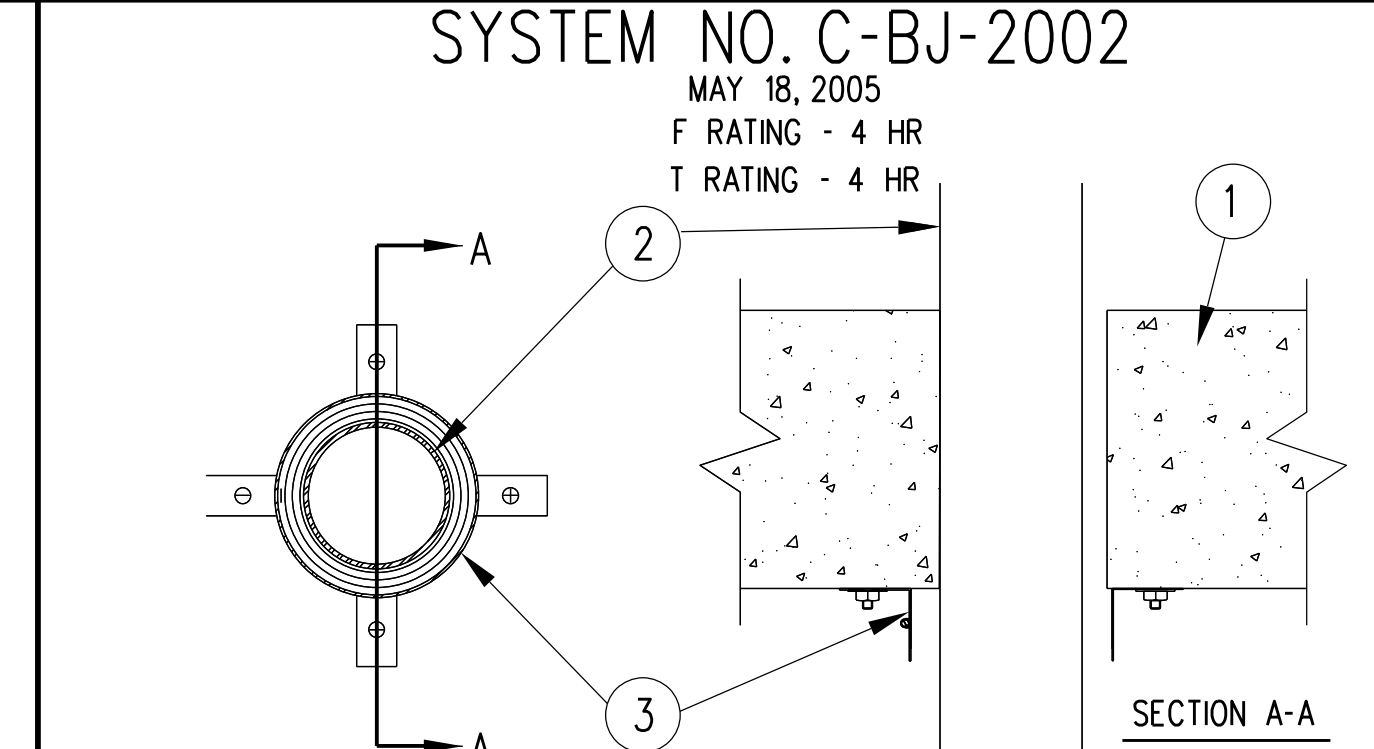
System No. W-L-8042
 OCTOBER 19, 2002
 F RATINGS- 1 AND 2 HR (SEE ITEM 1)
 T RATINGS- 1/4, 1/2 OR 3/4 HR (SEE ITEM 2)

1. WALL ASSEMBLY- THE 1 OR 2 HR FIRE-RATED GYPSUM BOARD/ STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER SPECIFIED IN THE INDIVIDUAL U400 SERIES WALL AND PARTITION DESIGNS IN THE UL FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES:
 A. STUDS- WALL FRAMING SHALL CONSIST OF EITHER WOOD OR STEEL CHANNEL STUDS. WOOD STUDS TO CONSIST OF NOM 2 BY 4 IN LUMBER SPACED 16 IN OC STEEL STUDS TO BE MIN 1-3/4 IN WIDE BY MIN 3-1/2 IN DEEP AND SPACED MAX 24 IN OC FRAMING OF THE OPENING SHALL CONSIST OF STEEL CHANNEL STUDS.
 B. GYPSUM BOARD -- ONE OR TWO LAYERS OF MIN 5/8 IN THICK GYPSUM BOARD. THE GYPSUM BOARD TYPE, THICKNESS, NUMBER OF LAYERS AND ORIENTATION SHALL BE SPECIFIED IN THE INDIVIDUAL WALL AND PARTITION DESIGN. MAX AREA OF OPENING IS 200 SQ IN WITH A MAX DIMENSION OF 20 IN.
 THE HOURLY F RATING OF THE FIRESTOP SYSTEM IS EQUAL TO THE HOURLY FIRE RATING OF THE WALL ASSEMBLY IN WHICH IT IS INSTALLED.

2. THROUGH PENETRANTS- ANY COMBINATION OF THE FOLLOWING METALLIC PENETRANTS TO BE INSTALLED WITHIN THE FIRESTOP SYSTEM. THE ANNULAR SPACE BETWEEN PENETRANTS SHALL BE MIN 1/4 IN TO MAX 3-1/2 IN AND BETWEEN PENETRANTS AND PERIPHERY OF OPENING SHALL BE MIN 1/4 IN TO MAX 2-1/2 IN. PENETRANTS TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF THE FLOOR OR WALL ASSEMBLY. THE FOLLOWING TYPES AND SIZES OF EMT, METAL CLAD CABLE OR CONDUITS MAY BE USED:
 A. CONDUIT- NOM 4 IN DIAM (OR SMALLER) ELECTRICAL METALLIC TUBING, MAX TWO 4 IN DIAM CONDUITS AND MAX THREE 2 IN DIAM CONDUITS PER OPENING. WHEN 3 OR 4 IN DIAM EMT IS USED, T RATING IS 1/2 HR WHEN 2 IN DIAM (OR SMALLER) EMT IS USED, T RATING IS 3/4 HR.
 B. METAL CLAD CABLE-- NOM 2 IN DIAM (OR SMALLER) 4 CONDUCTOR 2/0 AWG STEEL OR ALUMINUM METAL CLAD CABLE, WITH OR WITHOUT PVC JACKET. MAX TWO METAL CLAD CABLES PER OPENING. WHEN METAL CLAD CABLE IS USED, T RATING IS 1/2 HR.
 SEE THROUGH-PENETRATING PRODUCTS (XLHY) CATEGORY IN VOL. 2 OF THE FIRE RESISTANCE DIRECTORY FOR NAMES OF MANUFACTURERS.
 C. FLEXIBLE METAL CONDUIT- NOM 1-1/2 IN DIAM (OR SMALLER) STEEL OR ALUMINUM FLEXIBLE METAL CONDUIT -- MAX TWO FLEXIBLE METAL CONDUITS PER OPENING. WHEN FLEXIBLE METAL CONDUIT IS USED, T RATING IS 1/4 HR.
 SEE FLEXIBLE METAL CONDUIT (DXU2) CATEGORY IN THE ELECTRICAL CONSTRUCTION MATERIALS DIRECTORY FOR NAMES OF MANUFACTURERS.

3. FIRESTOP SYSTEM- THE FIRESTOP SYSTEM SHALL CONSIST OF THE FOLLOWING:
 T RATING OF FIRESTOP SYSTEM IS EQUAL TO THE LOWEST T RATING OF ANY PENETRANT USED.
 A. PACKING MATERIAL- FOR 1 OR 2 HR FIRE RATED WALLS, MIN 3-1/2 IN OR 4-3/4 IN THICKNESS. RESPECTIVELY OF MIN 4 PCF MINERAL WOOL BATT INSULATION FIRMLY PACKED INTO OPENING AS A PERMANENT FORM. PACKING MATERIAL TO BE RECESSED FROM BOTH SURFACE OF WALL AS REQUIRED TO ACCOMMODATE THE REQUIRED THICKNESS OF FILL MATERIAL.
 B. FILL VOID OR CAVITY MATERIAL-- CAULK- MIN 5/8 IN THICKNESS OF FILL MATERIAL APPLIED WITHIN THE ANNULUS, FLUSH WITH BOTH SURFACES OF WALL.
 RECTORSEAL-- METACAULK 1000
 • BEARING THE UL CLASSIFICATION MARK

LIGHT GAGE STUD WALL PENETRATION FIRESTOP DETAIL
 NTS



SYSTEM NO. C-BJ-2002
 MAY 18, 2005
 F RATING - 4 HR
 T RATING - 4 HR

NOTE: THIS MATERIAL WAS EXTRACTED BY 3M FIRE PROTECTION PRODUCTS FROM THE 2004 EDITION OF THE UL FIRE RESISTANCE DIRECTORY.
 • BEARING THE UL CLASSIFICATION MARK
 •• BEARING THE UL LISTING MARK

1. FLOOR OR WALL ASSEMBLY
 40 SOLID CORE OR CELLULAR CORE PVC PIPE FOR USE IN CLOSED (PROCESS OR SUPPLY) OR VENTED (DRAIN, WASTE OR VENT) PIPING SYSTEMS.
 40 PVC CONDUIT INSTALLED IN ACCORDANCE WITH ARTICLE 347 OF THE NATIONAL ELECTRICAL CODE (NFPA NO. 70).

2. THROUGH PENETRANTS
 CONCENTRICALLY OR ECCENTRICALLY WITHIN THE FIRESTOP SYSTEM. THE ANNULAR SPAC BETWEEN THE PIPE OR CONDUIT AND THE PERIPHERY OF THE OPENING SHALL BE A MIN 0 IN (POINT CONTACT) TO A MAX 1/2 IN (0 MM TO MAX 13 MM) PIPE TO BE RIGIDLY SIZES OF NONMETALLIC PIPES OR CONDUITS MAY BE USED:
 A. POLYVINYL CHLORIDE (PVC) PIPE
 40 SOLID CORE OR CELLULAR CORE PVC PIPE FOR USE IN CLOSED (PROCESS OR SUPPLY) OR VENTED (DRAIN, WASTE OR VENT) PIPING SYSTEMS.
 B. RIGID NONMETALLIC CONDUIT--
 40 PVC CONDUIT INSTALLED IN ACCORDANCE WITH ARTICLE 347 OF THE NATIONAL ELECTRICAL CODE (NFPA NO. 70).
 C. CHLORINATED POLYVINYL CHLORIDE (CPVC) PIPE
 SMALLER SDR13.5 CPVC PIPE FOR USE IN CLOSED (PROCESS OR SUPPLY) PIPING SYSTEMS.
 D. SCRYLONITRILE BUTADIENE STYRENE (ABS) PIPE
 SMALLER SCHEDULE 40 SOLID CORE OR CELLULAR CORE ABS PIPE FOR USE IN CLOSED (PROCESS OR SUPPLY) OR VENTED (DRAIN, WASTE OR VENT) PIPING SYSTEMS.
 E. FIRE RETARDANT POLYPROPYLENE (FRPP) PIPE
 SMALLER SCHEDULE 40 FRPP PIPE FOR USE IN CLOSED (PROCESS OR SUPPLY) OR VENTED (DRAIN, WASTE OR VENT) PIPING SYSTEMS.
 F. POLYVINYLIDENE FLUORIDE (PVDF) PIPE
 SCHEDULE 40 PVDF PIPE FOR USE IN CLOSED (PROCESS OR SUPPLY) OR VENTED (DRAIN, WASTE OR VENT) PIPING SYSTEMS.

3. FORESTOP DEVICE - COLLAR
 ACCOMPANYING INSTALLATION INSTRUCTIONS. COLLAR TO BE INSTALLED AND LATCHED AROUND PIPE AND SECURED TO BOTTOM OF FLOOR OR BOTH SIDES OF WALL WITH MIN 3/8 IN (5 MM) DIAM BY MIN 1/4 IN (32MM) LONG STEEL MASONRY FASTENERS IN CONJUNCTION WITH MIN 1/4 IN (32 MM) DIAM TEEL FENDER WASHERS MIN OF TWO, THREE OR FOUR FASTNERS, SYMMETRICALLY LOCATED, FOR NOM 2 IN (51MM) DIAM (AND SMALLER), NOM 3 IN (76 MM) DIAM AND NOM 4 IN (102 MM) DIAM PIPES, RESPECTIVELY.
 3M COMPANY

4. FILL VOID OR CAVITY MATERIALS - CAULK, SEALANT OR PUTTY MIN/AN (6 MM) THICKNESS OF CAULK OR PUTTY APPLIED WITHIN ANNULAR SPACE, FLUSH WITH TOP OR BOTTOM OF FLOOR OR BOTH SIDES OF WALL.
 3M COMPANY
 (NOTE: CP 25WB- NOT SUITABLE FOR USE WITH CPVC PIPES)

FIRE RATING DEVICE (UP TO 4-HR)
 AT PUBLIC MASONRY WALL
 NTS

JACOBS
 Florida Architectural Corporation License #AAC001790
 Florida Engineering Certificate Authorization #2822
 200 South Orange Avenue, Suite 900, Orlando, Florida 32801
 Phone: 407-953-5001 Fax: 407-953-5190

ARCHITECT OF RECORD
 NAME: JOHN K. McFARLAND, P.E.
 REGISTRATION: FLORIDA REG #W483212

Seal

Revision:
 Date By Description

Publix super markets, inc.
 CORPORATE OFFICES:
 FACILITIES DESIGN DEPT.
 BOX 407, LAKELAND, FL 33802
 TELEPHONE (863)688-1188

PUBLIC STORE #0266 PUBLIX WINE AND SPIRITS
 PUNTA GORDA CROSSING
 2310 TAMiami TRAIL UNIT 1157
 PUNTA GORDA, FLORIDA 33960

Key Plan:

Jacobs Project No.: F6-W752-00-0266LS
 Drawing Title: DOOR SCHEDULE, PARTITION TYPES AND DETAILS
 Date: 01/26/23
 Designed By: P BEGANY
 Drawn By: P BEGANY
 Checked By: M MATOS

A-5

1

2

3

4

5

D1 NOT USED
 A-6

D2 NOT USED
 A-6

C1 NOT USED
 A-6

C2 NOT USED
 A-6

C3 STOREFRONT ELEVATION
 A-6
 0 1 2 4 6
 1/2" = 1'-0"

B1 NOT USED
 A-6

B2 NOT USED
 A-6

B3 NOT USED
 A-6

B4 NOT USED
 A-6

B5 NOT USED
 A-6

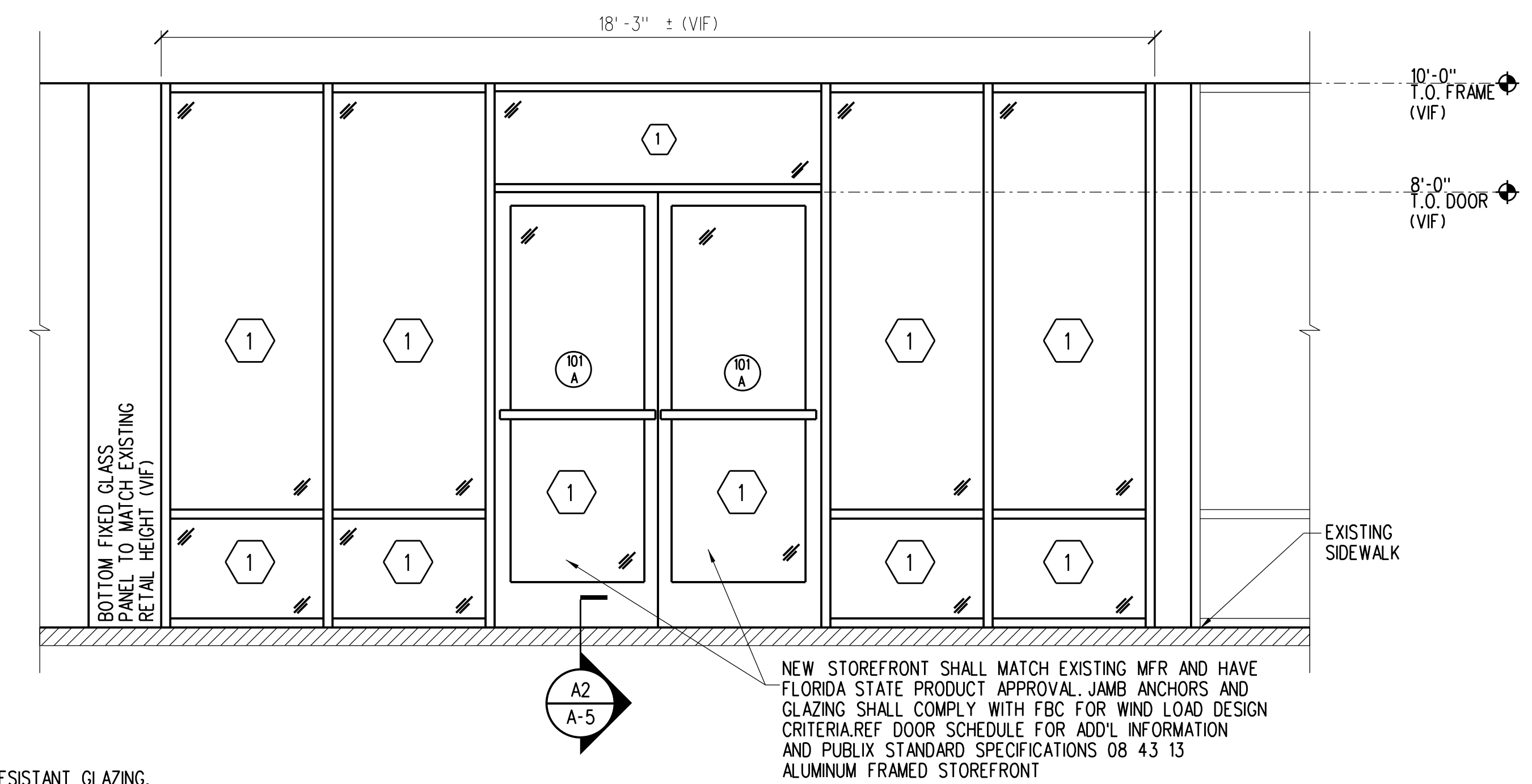
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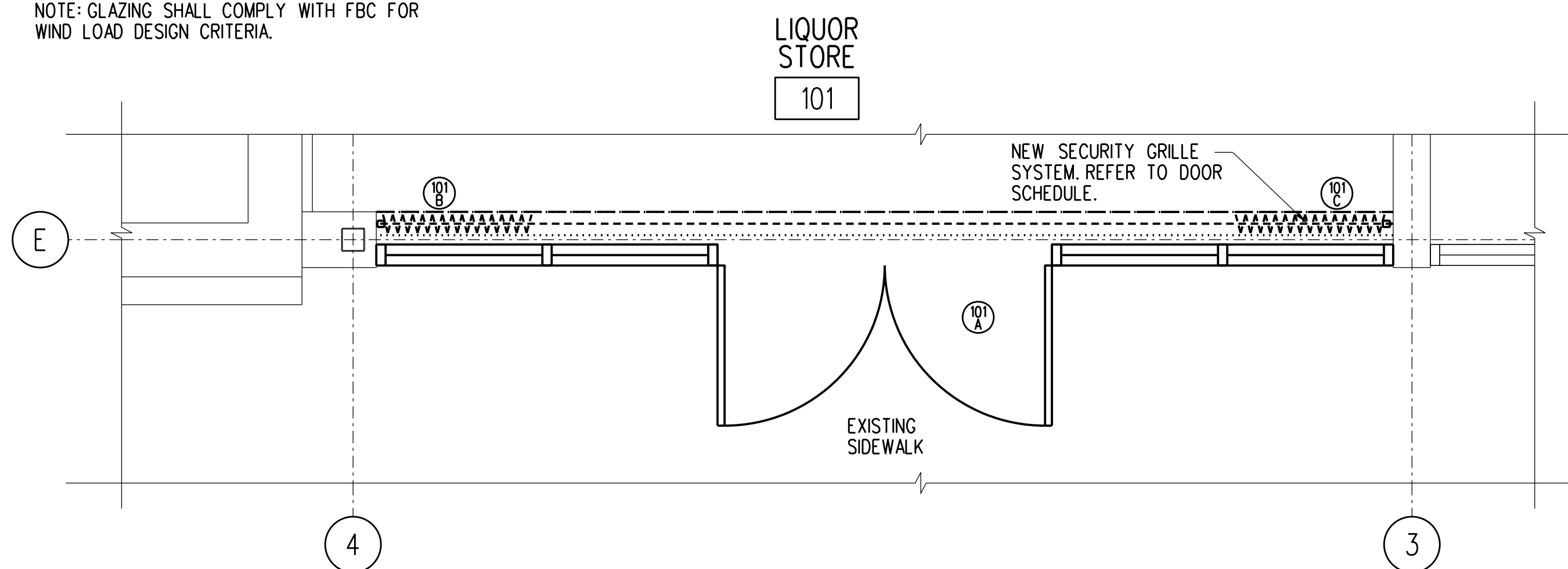
A4 NOT USED
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A5 NOT USED
 A-6



1 NEW IMPACT RESISTANT GLAZING.
 NOTE: GLAZING SHALL COMPLY WITH FBC FOR WIND LOAD DESIGN CRITERIA.

NEW STOREFRONT SHALL MATCH EXISTING MFR AND HAVE FLORIDA STATE PRODUCT APPROVAL. JAMB ANCHORS AND GLAZING SHALL COMPLY WITH FBC FOR WIND LOAD DESIGN CRITERIA. REF. DOOR SCHEDULE FOR ADD'L INFORMATION AND PUBLIX STANDARD SPECIFICATIONS 08 43 13 ALUMINUM FRAMED STOREFRONT



Publix super markets, inc.
 CORPORATE OFFICES:
 FACILITIES DESIGN DEPT.
 BOX 407, LAKELAND, FL 33802
 TELEPHONE (863)688-1188
 PUBLIX STORE #0266 PUBLIX WINE AND SPIRITS
 PUNTA GORDA CROSSING
 2310 TAMiami TRAIL UNIT 1157
 PUNTA GORDA, FLORIDA 33950

Key Plan:

Jacobs Project No.: F6-W752-00-0266LS
 Drawing Title:

STOREFRONT ELEVATION

Date: 01/26/23
 Designed By: P BEGANY
 Drawn By: P BEGANY
 Checked By: M MATOS
 Drawing No.:
A-6

GENERAL REQUIREMENTS AND DESIGN CRITERIA

- CODES AND REQUIREMENTS
FLORIDA BUILDING CODE 2020, PUBLISHED BY THE FLORIDA BUILDING COMMISSION.
AMERICAN SOCIETY OF CIVIL ENGINEERS, ASCE 7-16.
- LOAD CRITERIA
DEAD LOADS: FLOORS: 20 PSF (INCLUDING MATERIALS SELF-WEIGHT)
ROOFS: 20 PSF (INCLUDING MATERIALS SELF-WEIGHT)
LIVE LOADS: FLOORS: 100 PSF
ROOFS: 125 PSF (MECHANICAL)
20 PSF (REDUCIBLE)
RAIN LOAD: 0 PSF
RAIN INTENSITY: 4.5 IN/HR
ULTIMATE DESIGN WIND SPEED: 151 MPH
NOMINAL DESIGN WIND SPEED: 117 MPH
RISK CATEGORY: II
WIND EXPOSURE: C
ENCLOSURE CLASSIFICATION: ENCLOSED
INTERNAL PRESSURE COEFFICIENT: +0.18

DESIGN WIND PRESSURES (COMPONENTS AND CLADDING)			
LOCATION	ZONE	+20.2 PSF	-79.2 PSF
ROOF	1	+20.2 PSF	-79.2 PSF
	2	+20.2 PSF	-104.5 PSF
	3	+20.2 PSF	-142.4 PSF
WALL	4	+45.5 PSF	-49.3 PSF
	5	+45.5 PSF	-60.7 PSF

- (-) PRESSURES PULL ELEMENTS AWAY FROM BUILDING.
- (+) PRESSURES PUSH ELEMENTS INTO BUILDING.

- ELEVATIONS ARE TO FINISHED FLOOR ELEVATION 0'-0" UNLESS NOTED OTHERWISE.
- VERIFY ALL EXISTING CONDITIONS AFFECTING WORK PRIOR TO BEGINNING OF FABRICATION OR CONSTRUCTION. NOTIFY ARCHITECT OF DEVIATIONS OR CONFLICTS.
- SHORING REQUIRED FOR THE STABILITY OF THE UNCOMPLETED STRUCTURE OR FOR INSTALLATION OR MODIFICATION OF STRUCTURAL MEMBERS SHALL BE THE CONTRACTOR'S RESPONSIBILITY.

FOUNDATION

- EXCAVATION/FILL/BACKFILL: SEE GEOTECH REPORT AND/OR SPECIFICATIONS.
- MINIMUM REQUIRED SOIL BEARING VALUE: 2000 PSF
- SUBGRADE BELOW FOOTINGS SHALL BE COMPACTED TO A MINIMUM OF 98% MODIFIED PROCTOR (ASTM D-1557) TO A MINIMUM DEPTH OF 2'-0".
- SUBGRADE AND/OR FILL BELOW SLABS-ON-GRADE SHALL BE COMPACTED TO A MINIMUM OF 95% MODIFIED PROCTOR (ASTM D-1557) TO A MIN. DEPTH OF 1'-0".
- SITE FILL AND BACKFILL, WHERE REQUIRED, SHALL BE WELL GRADED GRANULAR MATERIAL WITH A MAXIMUM OF 10 PERCENT PASSING A NO. 200 SIEVE.
- CONTRACTOR TO PROVIDE GEOTECHNICAL TESTING OF SUBGRADES PRIOR TO PLACING CONCRETE. SUBMIT COPIES OF TEST RESULTS TO OWNER AND ARCHITECT.
- FIELD LOCATE EXISTING UTILITIES AND SITE STRUCTURES. ADVISE ARCHITECT OF ANY CONFLICTS. DO NOT REMOVE ANY EXISTING STRUCTURES WITHOUT OWNER AUTHORIZATION.

CONCRETE

- DESIGN/CONSTRUCTION CRITERIA
SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDING, AMERICAN CONCRETE INSTITUTE ACI-301
BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE, AMERICAN CONCRETE INSTITUTE ACI-318-14.
- CONCRETE DESIGN IS BASED ON THE FOLLOWING MATERIAL STRENGTHS:
CONCRETE: 28-DAY COMPRESSIVE STRENGTH

LOCATION	MINIMUM f _c (PSI)	EXPOSURE CATEGORY			
		F	S	W	C
FOOTINGS	3000	F0	S0	W0	C0
SLAB ON GRADE	4000	F0	S0	W0	C0

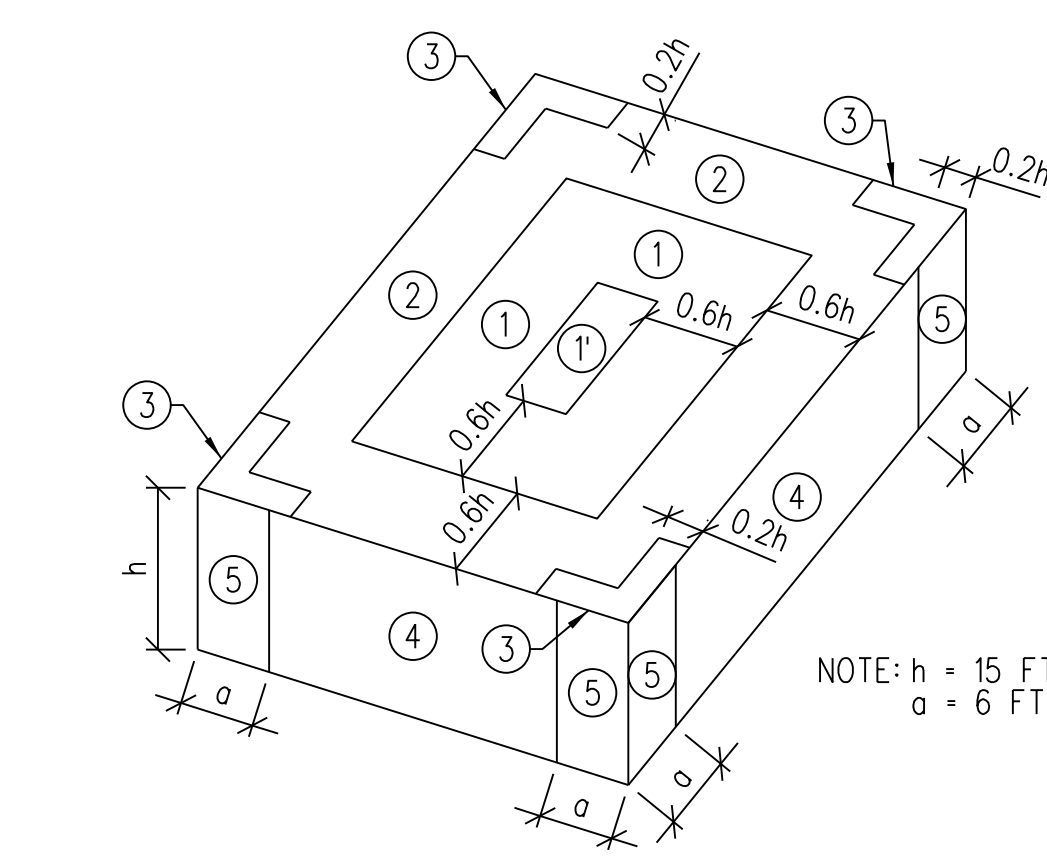
NOTE: MINIMUM f_c SHALL BE GREATER OF VALUE LISTED ABOVE OR VALUE PER EXPOSURE CATEGORY

REINFORCING: ASTM A615, GRADE 60
DEFORMED BAR ANCHORS: ASTM A1064
WELDED WIRE REINFORCEMENT: ASTM A1064, 65000 PSI
HEADED CONCRETE ANCHORS (EMBEDMENT PLATE STUDS): ASTM A29
HEADED CONCRETE ANCHORS (SHEAR STUD CONNECTORS): ASTM A1044

- CONCRETE COVER FOR REINFORCING
PERMANENTLY EXPOSED TO EARTH: 3"
FORMED CONCRETE EXPOSED TO EARTH OR WEATHER:
#5 BARS OR SMALLER: 1 1/2"
#6 BAR OR LARGER: 2"
- MINIMUM BAR LAP SPLICE OR EMBEDMENT: CONFORM TO THE APPLICABLE TABLES OF THE CRSI HANDBOOK (LATEST EDITION) FOR CLASS "B" SPLICE LENGTHS.
- ALL HOOKS ARE STANDARD LENGTH UNLESS NOTED OTHERWISE ON DRAWINGS.
- HORIZONTAL WALL AND FOOTING REINFORCEMENT: CONTINUOUS WITH 90-DEGREE BENDS AND EXTENSIONS, OR CORNER BARS OF EQUIVALENT SIZE WITH MINIMUM LAP SPLICE LENGTHS, AT CORNERS AND INTERSECTIONS.
- DOWELS: FULL EMBEDMENT WITH 90° HOOK
MATCH SIZE AND SPACING OF MAIN REINFORCEMENT.
CONFORM WITH MINIMUM LAP SPLICE REQUIREMENTS.
- EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 3/4" x 45 DEGREES, UNLESS NOTED OTHERWISE.

STEEL

- DESIGN/CONSTRUCTION CRITERIA
AMERICAN INSTITUTE OF STEEL CONSTRUCTION, AISC:
SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS, ANSI/AISC 360-16.
AMERICAN WELDING SOCIETY, AWS:
STRUCTURAL WELDING CODE - STEEL, AWS D1.1, 2020 AND AWS D1.3, 2018.
- MATERIALS
BEAMS: ASTM A992, GRADE 50 (F_y = 50,000 PSI)
ANGLES, CHANNELS AND PLATES: ASTM A36 (F_y = 36,000 PSI)
RECTANGULAR AND SQUARE HSS SHAPES: ASTM A500, GRADE B (F_y = 46,000 PSI)
STEEL PIPES: ASTM A53, GRADE B (F_y = 35,000 PSI)
BOLTS: STRUCTURAL CONNECTION: ASTM F3125 TYPE A325 OR A490 HIGH STRENGTH.
ANCHOR RODS AND MISCELLANEOUS: ASTM F1554, GRADE 36 (F_y = 36,000 PSI)
- DIMENSIONS (UNLESS NOTED OTHERWISE)
TO CENTERLINE OF COLUMNS AND BEAMS.
TOP SURFACES OF TOP FLANGES OF BEAMS.
BACK OF CHANNELS AND ANGLES.
- ELEVATIONS SHALL REFER TO TOP OF SURFACE OF MEMBER AND TOP OF BEARING PLATES
- BOLTED CONNECTIONS (UNLESS NOTED OTHERWISE)
MINIMUM BOLT DIA: 3/4"
MINIMUM TWO (2) BOLTS PER CONNECTION
TIGHTEN TO SMUG TIGHT CONDITION.
- WELDED CONNECTIONS
E70XX ELECTRODES
FOR WELD SIZES NOT SHOWN ON DRAWINGS USE MINIMUM WELD
ALL WELDERS SHALL BE CERTIFIED PER AWS D1.1 2020 SECTION 6.



STEEL (CONTINUED)

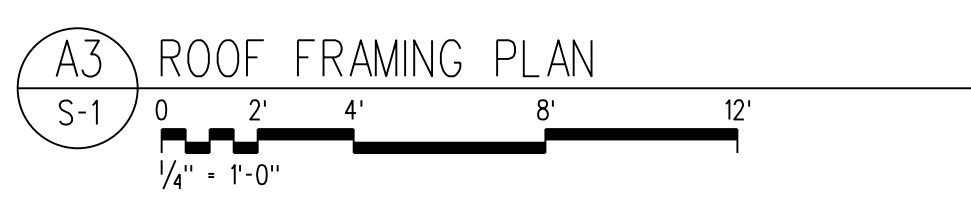
- ADHESIVE ANCHORING SYSTEM
FOR CONCRETE
HILTI HIT-HY 200-R ADHESIVE ANCHORING SYSTEM.
MINIMUM 3/4" DIAMETER ANCHOR CONFORMING TO ASTM A36 OR #5 REBAR CONFORMING TO ASTM A615, GRADE 60 (UNLESS NOTED OTHERWISE).
MINIMUM EMBEDMENT = 6" (UNLESS NOTED OTHERWISE).
FOR GROUT FILLED AND HOLLOW CMU
HILTI HIT-HY 270 ADHESIVE ANCHORING SYSTEM OR APPROVED EQUIVALENT.
MINIMUM 1/2" DIAMETER ANCHOR: ASTM A36 (UNLESS NOTED OTHERWISE).
MINIMUM EMBEDMENT = 2" (UNLESS NOTED OTHERWISE).
- ALL EXPOSED STRUCTURAL STEEL SHALL BE HOT-DIP GALVANIZED PER ASTM A123.

MASONRY

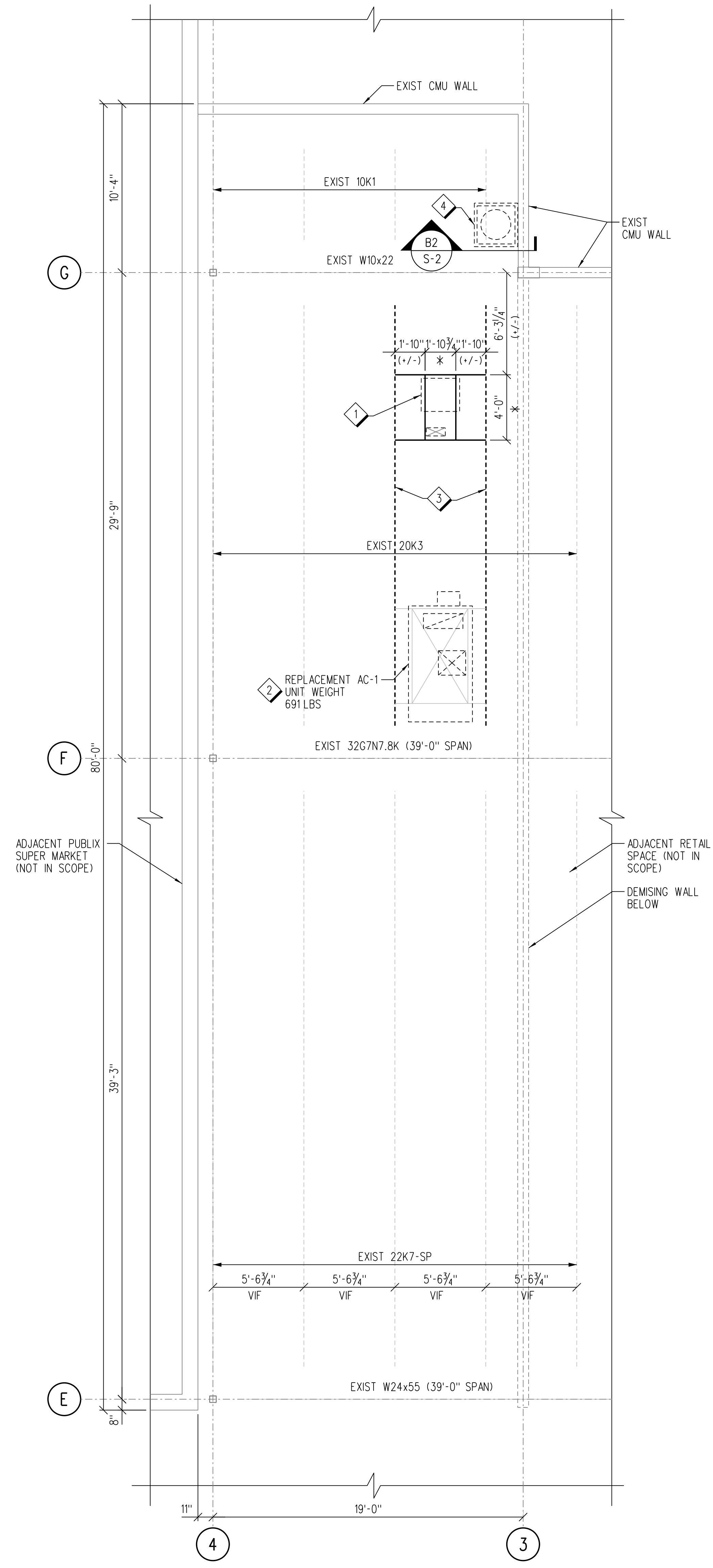
- DESIGN/CONSTRUCTION CRITERIA
BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES, TMS 402-16.
SPECIFICATIONS FOR MASONRY STRUCTURES TMS 602-16.
- MATERIALS
CONCRETE UNIT MASONRY: ASTM C90, GRADE N, F_m = 1500 PSIMIN.
MORTAR: ASTM C270, TYPE M OR S.
HORIZONTAL REINFORCING IN WALLS: PREFABRICATED, GALVANIZED, TRUSS TYPE, MINIMUM OF 2-#9 GAGE WIRES AND CROSS TIES. TIE INTERSECTIONS AND CORNERS WITH PREFABRICATED SECTION OF THE SAME GAUGE WIRE. SPACE HORIZONTAL REINFORCING AT 16 INCHES OC VERTICAL.
VERTICAL REINFORCING: ASTM A615, GRADE 60, SEE PLAN FOR SIZE AND SPACINGS
GROUT FILL: CONCRETE, 2500 PSI AT 28 DAYS WITH 8-11 INCH MINIMUM SLUMP, OR, GROUT CONFORMING TO ASTM C-476
- WALL: 8" NOMINAL (UNLESS NOTED OTHERWISE).
- EXTERIOR WALLS AND INTERIOR LOAD BEARING WALL: REFER TO PUBLIX DRAWINGS (UNLESS NOTED OTHERWISE)

ABBREVIATIONS

A/E	ARCHITECT/ENGINEER	LB	POUND
ACI	AMERICAN CONCRETE INSTITUTE	LLH	LONG LEG HORIZONTAL
ADDL	ADDITIONAL	LLV	LONG LEG VERTICAL
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	MAX	MAXIMUM
AIISI	AMERICAN IRON AND STEEL INSTITUTE	MECH	MECHANICAL
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	MFR	MANUFACTURER
ARCH	ARCHITECT, ARCHITECTURAL	MIN	MINIMUM
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	N	NORTH
AWS	AMERICAN WELDING SOCIETY	NA	NOT APPLICABLE
CJ	CONTROL JOINT	NTS	NOT TO SCALE
CLR	CLEAR	OC	ON CENTER
CMU	CONCRETE MASONRY UNIT	OH	OPPOSITE HAND
COL	COLUMN	OPNG	OPENING
CONN	CONNECTION	OPP	OPPOSITE
CONT	CONTINUOUS	PL	PLATE
DEMO	DEMOLITION	PREFAB	PREFABRICATED
DET, DTL	DETAIL	PSF	POUNDS PER SQUARE FOOT
DIA	DIAMETER	PSI	POUNDS PER SQUARE INCH
DM	DIMENSION	QTY	QUANTITY
DL	DEAD LOAD	REF	REFERENCE
DWG	DRAWING	REINF	REINFORCED OR REINFORCEMENT
DWL	DOWEL	REQD	REQUIRED
EA	EACH	REV	REVISION
EF	EACH FACE	SIM	SIMILAR
EJ	EXPANSION JOINT	SJI	STEEL JOIST INSTITUTE SPECIFICATIONS)
EL	ELEVATION	SQ	SQUARE
ELEC	ELECTRIC OR ELECTRICAL	STD	STANDARD
ENGR	ENGINEER	STIFF	STIFFENER
EQ	EQUAL	THRU	THROUGH
EXIST	EXISTING	T/	TOP OF
EXT	EXTERIOR OR EXTERNAL	TYP	TYPICAL
EW	EACH WAY	UNO	UNLESS NOTED OTHERWISE
FDN	FOUNDATION	FP	FULL PENETRATION WELD
FFE	FINISHED FLOOR ELEVATION	FT	FOOT OR FEET
FP	FULL PENETRATION WELD	VERT	VERTICAL
FT	FOOT OR FEET	VFY	VERIFY
GA	GAGE/GAUGE	VIF	VERIFY IN FIELD
GALV	GALVANIZED	W/	WITH
GC	GENERAL CONTRACTOR	W/O	WITHOUT
HORIZ	HORIZONTAL	WP	WORK POINT
HVAC	HEATING VENT. AIR COND.	WT	WEIGHT
HK	HOOK	WWF	WELDED WIRE FABRIC
IN	INCHES	Ø	DIAMETER
INT	INTERIOR OR INTERNAL	CL	CENTERLINE
JT	JOINT	+/-	PLUS OR MINUS
K	KIPS		
KSI	KIPS PER SQUARE INCH		



A3 ROOF FRAMING PLAN



REFERENCE NOTES:

- ALL EQUIPMENT EXISTING UNLESS NOTED OTHERWISE.
- SEE SHEET S-1 FOR GENERAL NOTES AND ABBREVIATIONS.
- SEE MECHANICAL DRAWINGS FOR DEMOLITION WORK NOT SHOWN ON THIS DRAWING.
- EXISTING EQUIPMENT MAY BE REPLACED WITH SIMILAR EQUIPMENT IN ACCORDANCE WITH THE 2020 FLORIDA BUILDING CODE - EXISTING BUILDINGS, AS FOLLOWS:
A. REPLACEMENT EQUIPMENT SHALL BE INSTALLED AT THE SAME LOCATION AS THE EXISTING EQUIPMENT.
B. EXISTING EQUIPMENT SHALL BE REMOVED PRIOR TO INSTALLATION OF REPLACEMENT EQUIPMENT UNO SPECIFICALLY ON PLANS.
C. AT NO TIME SHALL THE SUPPORTING STRUCTURE BE LOADED WITH BOTH EXISTING AND REPLACEMENT EQUIPMENT UNO SPECIFICALLY ON PLANS.
D. IN THE EVENT OF A PREDICTED WIND EVENT EXCEEDING 75 MPH SUSTAINED WINDS CONTRACTOR IS TO REMOVE TEMPORARY EQUIPMENT AND FULLY SECURE PERMANENT AS SHOWN IN THESE DOCUMENTS.
- EXISTING STRUCTURAL ELEMENTS, DIMENSIONS, ELEVATIONS, AND OTHER INFORMATION IDENTIFIED WITHIN THESE PLANS COME FROM "PUNTA GORDA CROSSING", BY MCCARTHY AND ASSOCIATES, INC. DATED 11/30/2001. VERIFY EXISTING INFORMATION IN FIELD AND REPORT ANY DISCREPANCIES TO EOR FOR CLARIFICATION.
- THE SCOPE OF WORK IN THESE DRAWINGS IS THE STRUCTURAL FRAMING MEMBERS IMMEDIATELY SUPPORTING THE MOUNTED EQUIPMENT, THROUGH ITS ENTIRE LOAD PATH, OR AS SHOWN. LOAD CRITERIA LISTED ON SHEET S-1 IS APPLIED TO THESE FRAMING MEMBERS AND ANALYZED IN ACCORDANCE WITH FLORIDA BUILDING CODE - EXISTING 2020. ALL OTHER FRAMING IS EXISTING TO REMAIN UNLESS NOTED OTHERWISE. SEE ORIGINAL DESIGN DRAWINGS FOR APPLICABLE DESIGN LOADS.

KEY NOTES:

- NEW REFRIGERATION UNIT ON PREFAB PLATFORM CURB AND CAP WITH MOUNTING FRAME. REFERENCE DETAIL A5/S-2. REFERENCE REFRIGERATION DRAWINGS FOR EQUIPMENT. DIMENSIONS DENOTED WITH AN ASTERISK (*) SHALL BE VERIFIED WITH EQUIPMENT MANUFACTURER PRIOR TO FABRICATING SUPPORT FRAME. UNIT MANUFACTURER TO PROVIDE MOUNTING HARDWARE. MAX UNIT WT = 179 LBS. SHOP DRAWINGS FOR STEEL FRAME, CURB, AND PLATFORM CURB ARE TO BE SUBMITTED AND APPROVED BY THE ENGINEER OF RECORD PRIOR TO COMMENCING CONSTRUCTION.
- REPLACEMENT AC UNIT OVER EXISTING OPENING. FRAME EXISTING OPENING WITH MANUFACTURER PROVIDED CURB ADAPTER. REFERENCE MECHANICAL DRAWINGS FOR REPLACEMENT AC UNIT. CONNECT CURB ADAPTER TO EXISTING CURB AND REPLACEMENT AC UNIT TO CURB ADAPTER PER UNIT MANUFACTURER'S REQUIREMENTS.
- REINFORCE STEEL ROOF JOISTS AS SHOWN ON DETAIL A1/S-2. TYPICAL AT (2) JOISTS.
- FRAMING FOR NEW WALL-MOUNTED WATER TANK. REFERENCE PLUMBING DRAWINGS FOR WATER TANK AND SUPPORT FRAMING. SEE B2/S-2 FOR PLATFORM ATTACHMENT TO EXISTING CMU WALL.

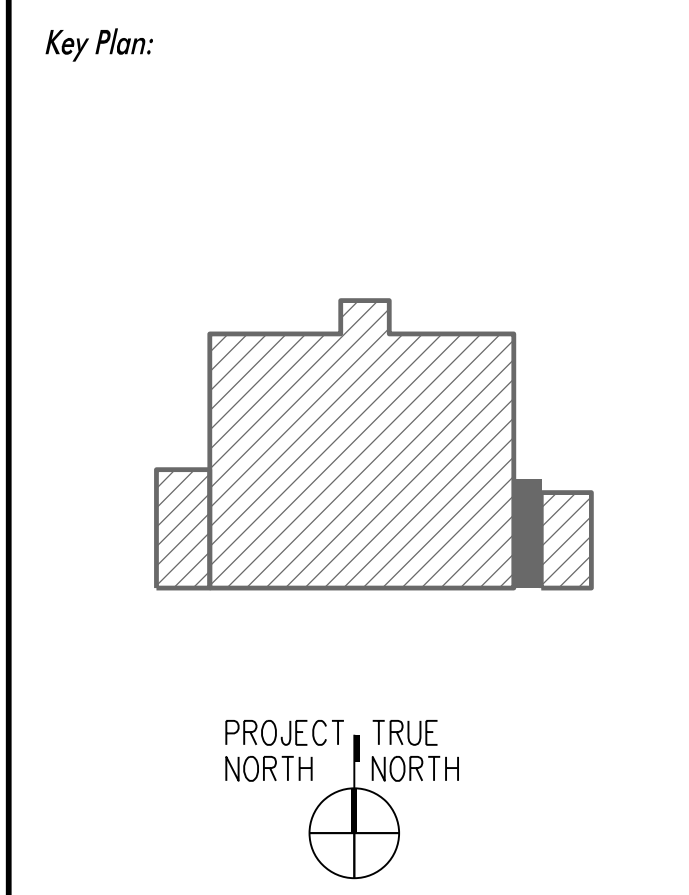


STRUCTURAL ENGINEER OF RECORD
NAME: ADAM WARGA, P.E.
REGISTRATION: FLORIDA REG. #FE087513

Seal

Revision:
Date: By: Description:

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2310 TAMiami TRAIL UNIT 1157
PUNTA GORDA, FLORIDA 33990




Jacobs Project No.: F6-W752-00-0266LS
Drawing Title:
ABBREVIATIONS, GENERAL NOTES, AND ROOF FRAMING PLAN

Date: 01/26/23
Designed By: S BAPTISTA
Drawn By: S BAPTISTA
Checked By: A WARGA
S-1

STRUCTURAL ENGINEER OF RECORD
 NAME: ADAM WARGA, P.E.
 REGISTRATION: FLORIDA REG. #FE07513

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Revision:
 Date: By: Description:

Publix super markets, inc.

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Key Plan:

Jacobs Project No.: F6-W752-00-0266LS

Drawing Title:

SECTIONS AND DETAILS

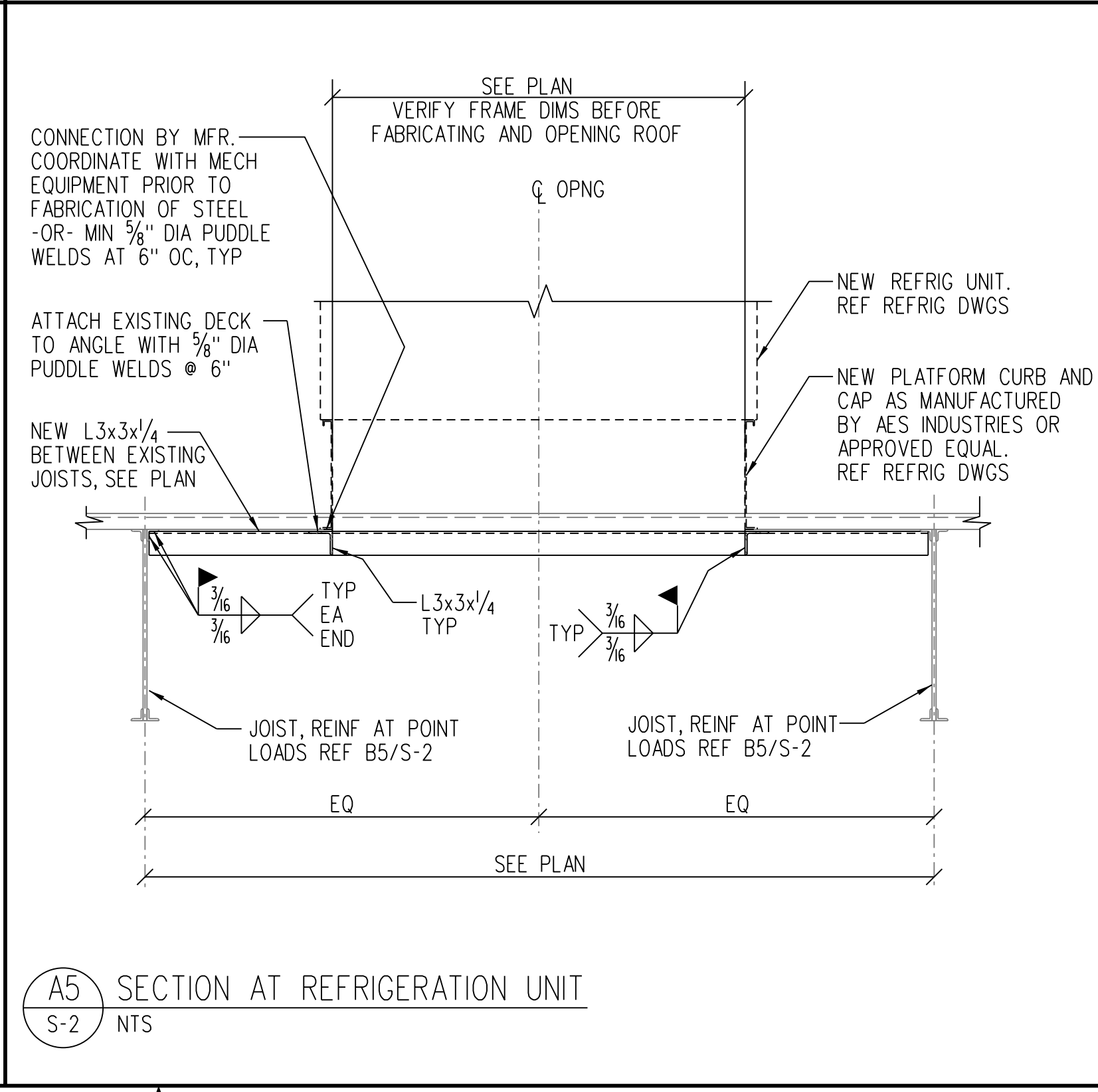
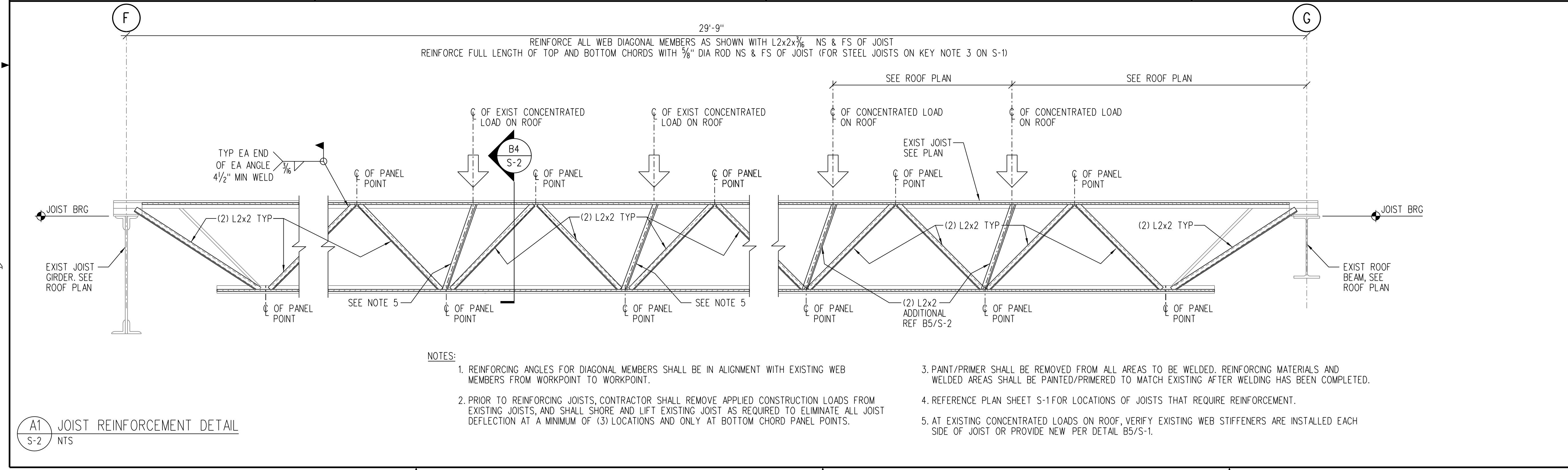
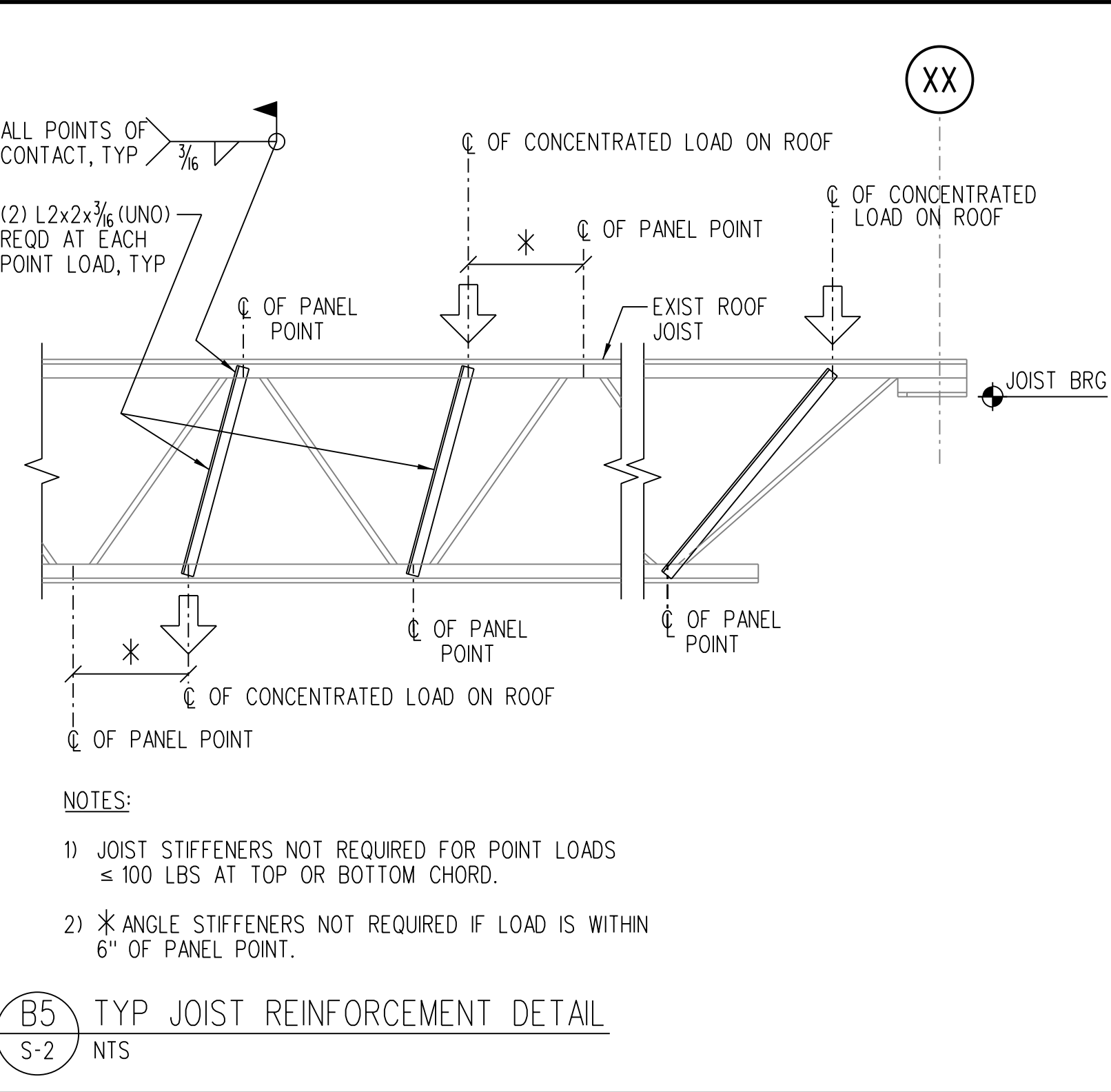
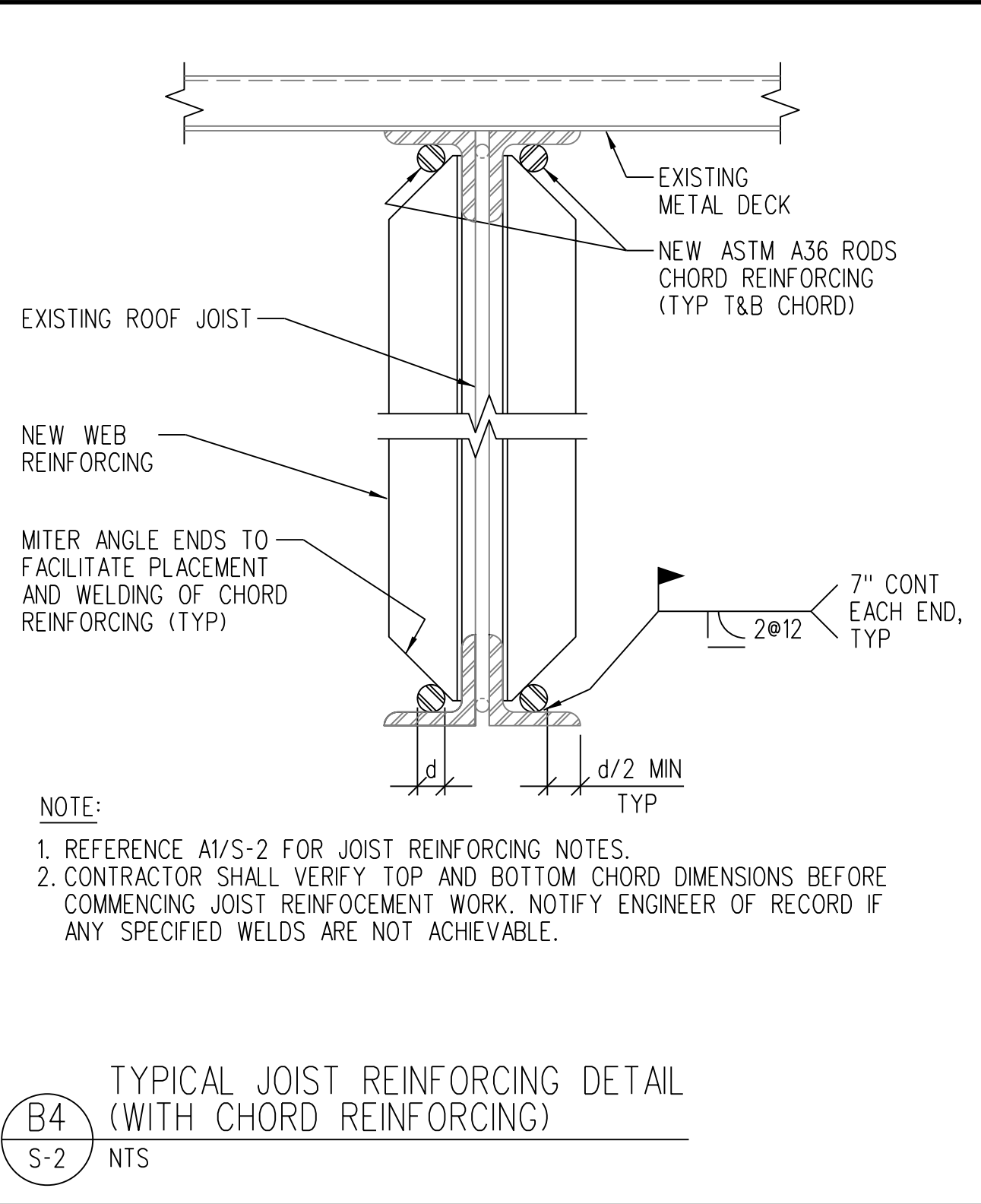
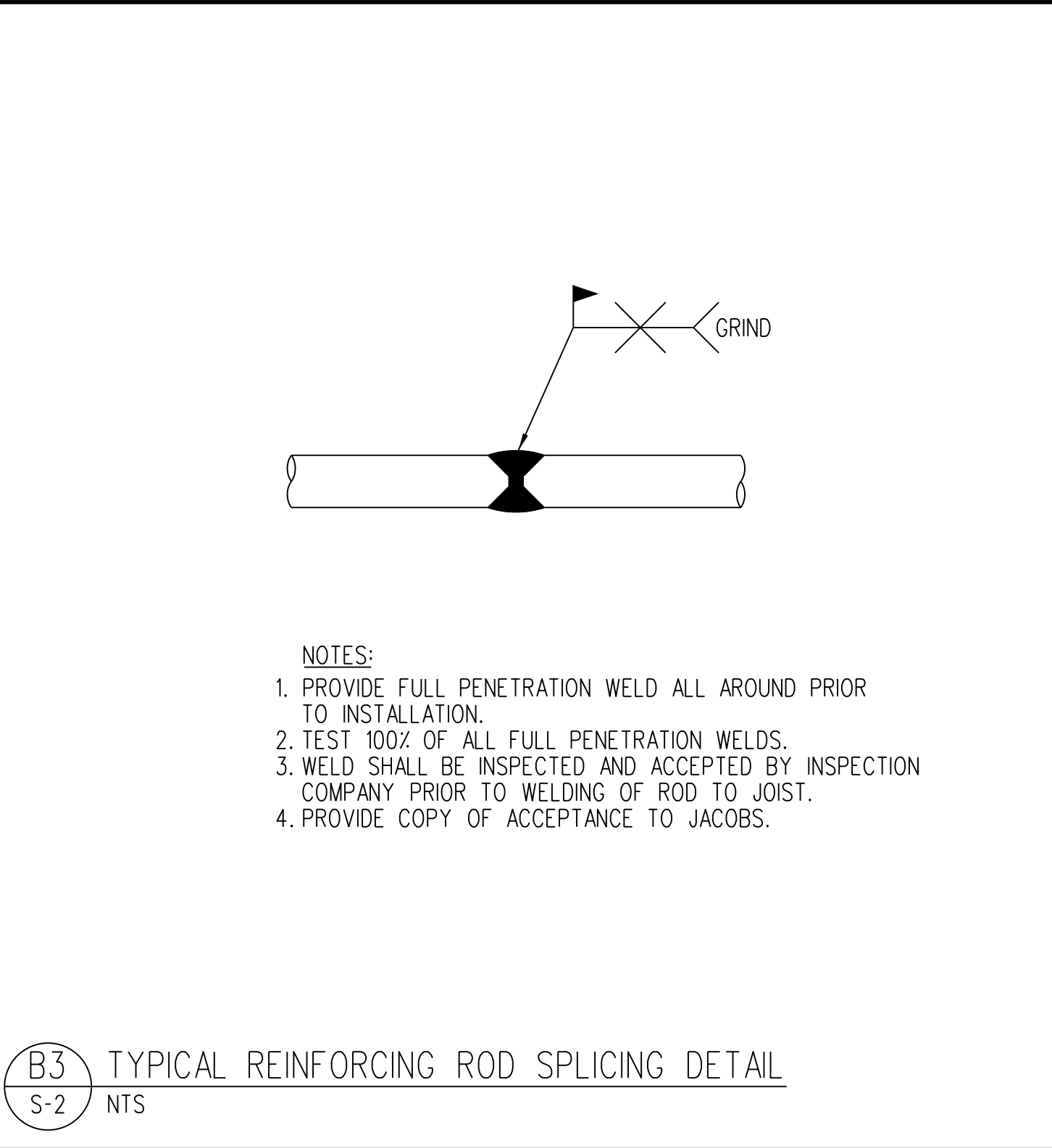
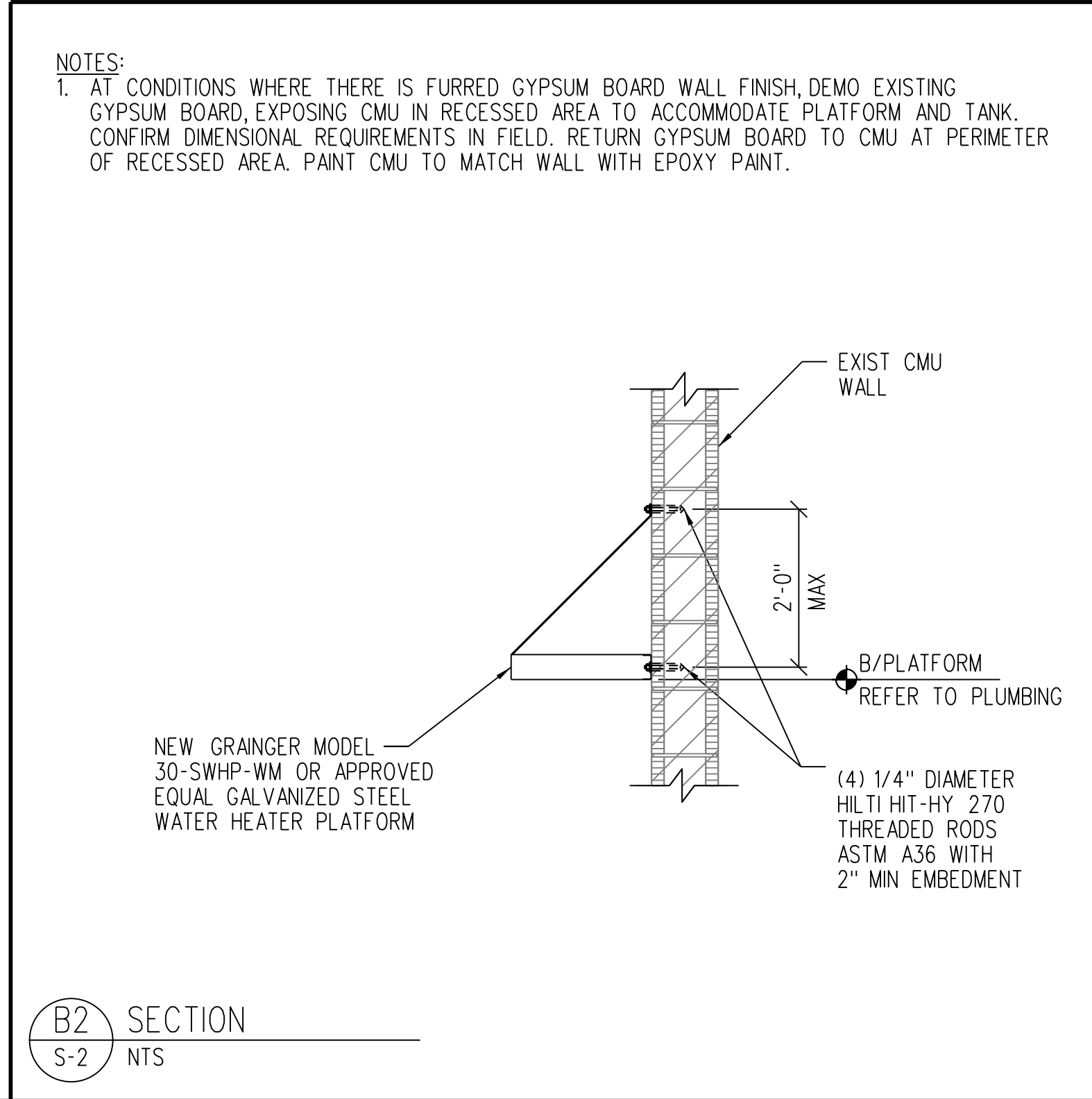
Date: 01/26/23

Designed By: S BAPTISTA

Drawn By: S BAPTISTA

Checked By: A WARGA

S-2



LIGHTING FIXTURE SCHEDULE					
MARK	MANUFACTURER	CATALOG NUMBER	LAMP STOCK NUMBER	DESCRIPTION	LUMINAIRE WATTAGE
EM	DUAL-LITE	EV4DI-02L	INCLUDED	2-LAMP BATTERY BACK-UP FIXTURE	4
D12	LITHONIA	FHR22 55L LPB32 SCT WPF6494	LED DRIVER	2x2 LED CRACKED ICE, 5500LM, 3250K, ICE CHIP, 1 CIRCUIT, LAY-IN (GRID)	46
H6	LITHONIA	2GTL220LRW120/277EZLPB35GLRSPDNAPX	LED DRIVER	2x2 LED, PRISMATIC, 2267LM, 3500K, 1 CIRCUIT LAY-IN (GRID)	17
RR21	LITHONIA	CLX L48 1000LM SEF ROL MVLT 6270 35K 80CRI SPD CLR WH NXPX RFD28746	LED DRIVER	4' CLX, 3500K, 10000LM, LENSED, SURFACE	67
T34	ACCESS LIGHTING	28030-1C-BS/OPL		OPAL DIFFUSER 100W PENDANT WITH BRUSHED STEEL FINISH, MTC HT 07'-0" AFF	100
X1	DUALITE	CCR	INCLUDED	LED EXIT FIXTURE WITH EMERGENCY LIGHTS	12
X2	DUALITE	HXURWRC12	INCLUDED	LED EXIT FIXTURE WITH EMERGENCY LIGHTS	23
X2R	DUALITE	PCNW	INCLUDED	REMOTE EXTERNAL LED EXIT WALL SCONCE CONNECTED TO 'X2'	3

ELECTRICAL SYMBOL LEGEND				
SYMBOL	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	MOUNTING HEIGHT
\$	HUBBELL	HBL1221/97071	20 AMP, SINGLE POLE "T" RATED SWITCH	47" AFF OR AS NOTED
\$m	P & S	1251-1	MOTOR RATED SWITCH	47" AFF OR AS NOTED
\$s	HUBBELL	HBL1223/97071	20 AMP, THREE WAY "T" RATED SWITCH	47" AFF OR AS NOTED
\$st	HUBBELL	HWS2P3P-W	WIRE PER MANUFACTURER'S RECOMMENDED METHOD, ADJUST SENSITIVITY FOR OPTIMAL OPERATION, ADJUST TIME DELAY FOR 10 MINUTE OPERATION, SWITCH INCLUDES MANUAL OVERRIDE/BYPASS SETTING.	47" AFF (WITHIN 10" OF DOOR)
Ⓜ	HUBBELL	HBL5362/97101	20 AMP, 3W, DUPLEX RECEPTACLE	18" AFF / CLG. MTD
Ⓜ GFI	HUBBELL	GF5362/97101	20 AMP, 3W, GFI DUPLEX RECEPTACLE	18" AFF
Ⓜ	HUBBELL	HBL5362/97101	20 AMP, 3W, DUPLEX RECEPTACLE	48" AFF OR AS NOTED
Ⓜ	HUBBELL	2-HBL5362/97101	2-20 AMP, 3W, RECEPTACLE	18" OR AS NOTED
Ⓜ	HUBBELL	HBL2310	20 AMP, 3W, CEILING MOUNTED RECEPTACLE	CEILING
Ⓜ			FUSED DISCONNECT SWITCH SIZED FOR APPLICATION EX: 30-AMPERE SIZE, 1151-FUSE, SIZE, 1NF3-NON FUSED	
Ⓜ			MOTOR - WATT SIZES AS INDICATED	
Ⓜ			POWER POLE	
Ⓜ			OUTLET BOX / 93181	AS NOTED
ELECTRICAL PANEL				
CONDUIT CONCEALED IN WALL OR ABOVE CEILING WITH 2" x 1/2", #12G, 3/4" MIN UON				
CONDUIT CONCEALED BELOW FLOOR SLAB OR FINISHED GRADE WITH 2" x 1/2", #12G, 3/4" MIN UON				
UNINTERRUPTIBLE POWER SUPPLY				
[HSA]	[HSC]	E.W.S. CONTROL HUMIDSTAT - SUPPLIED BY PUBLIX, INSTALLED BY CONTRACTOR		AT ELEV. 8'-2" AFF TO
[Td]	[Tt]	E.W.S. CONTROL THERMOSTAT - SUPPLIED BY PUBLIX, INSTALLED BY CONTRACTOR		CENTER OR AS NOTED
[RT]		REMOTE TEST STATION FOR SMOKE DETECTOR		48" A.F.F.

ALL RECEPTACLES SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. ALL PART NUMBERS ARE HUBBELL.

COMMUNICATIONS LEGEND		
SYMBOL	DESCRIPTION	MOUNTING
▽	DATA ONLY	18" OR AS NOTED
▽	TELEPHONE ONLY	18" OR AS NOTED
▽	VOICE AND DATA COMBINATION	18" OR AS NOTED

REFRIGERATION LEGEND	
SYMBOL	DESCRIPTION
[F]	FAN CONNECTION
[L]	LIGHT CONNECTION
[P]	TEMPERATURE PROBE CONNECTION
[H]	ANTI-CONDENSATE HEATER
◇	REFRIGERATION SYSTEM NUMBER

ABBREVIATION LIST

(NOT ALL ABBREVIATIONS LISTED MAY BE USED ON THIS PROJECT)	MEFB	MAIN ENTRANCE FEED BOX
A	AMP	AMPERES
AFC	AVAILABLE FAULT CURRENT	
AC	AMPERES INTERRUPTING CAPACITY	
AF	ABOVE FINISHED FLOOR	
AWG	AMERICAN WIRE GAUGE	
C	CONDUIT OR CONDUCTOR-AS APPLICABLE	
CB	CIRCUIT BREAKER	
CKT	CIRCUIT	
CLG	CEILING	
CR	CASH REGISTER	
E.D.F.	ELECTRIC WATER FOUNTAIN	
ELEC	ELECTRICAL / ELECTRIC	
EMSA	EMERGENCY MANAGEMENT SYSTEM A	
FA	FIRE ALARM	
FACP	FIRE ALARM CONTROL PANEL	
FAPS	FIRE ALARM POWER SUPPLY	
FLUOR	FLUORESCENT	
G, GND	GROUND	
GFI, GFCI	GROUND FAULT (CIRCUIT) INTERRUPTER	
HPS	HIGH PRESSURE SODIUM	
HUB	A DEVICE THAT SERVES AS THE CENTER OF A STAR-TOPOLLOGY NETWORK	
HWH	HOT WATER HEATER	
IC	ISOLATED GROUND	
INCAN	INCANDESCENT	
JB	JUNCTION BOX	
KCM	THOUSAND CIRCULAR MILS	
KSU	KEY SYSTEM UNIT (MERIDIAN NORSTAR UNIT)	
KVA	KILOVOLT - AMPERE	
KW	KILOWATT	
KWH	KILOWATT HOUR	
LM	LOT10 MACHINE	
LTC	LIGHTING	
MCB	MAIN CIRCUIT BREAKER	
MDP	MAIN DISTRIBUTION PANEL	

LIGHTING SYMBOLS

Ⓜ	PENDANT MOUNTED FIXTURE
Ⓜ	WALL MOUNTED FIXTURE
—	LED STRIP FIXTURE
Ⓜ	2X2 LED TROFFER LIGHT FIXTURE
Ⓜ	2X4 LED TROFFER LIGHT FIXTURE
Ⓜ	EXISTING LIGHT FIXTURE
Ⓜ	RELOCATED FIXTURE
Ⓜ	NIGHT LIGHT
Ⓜ	NARROW LINES INDICATE DEVICES EXISTING TO REMAIN, UNLESS OTHERWISE NOTED.
Ⓜ	EXIT SIGN WITH EMERGENCY LIGHTS
Ⓜ	BATTERY PACK LIGHT FIXTURE, 'C' INDICATES CEILING-MOUNTED, OTHERWISE WALL MOUNTED.

LINE WEIGHT KEY

—	NEW EQUIPMENT
---	EXISTING EQUIPMENT TO REMAIN
---	RELOCATED EQUIPMENT

DEMOLITION LEGEND

▨	ITEMS TO BE REMOVED
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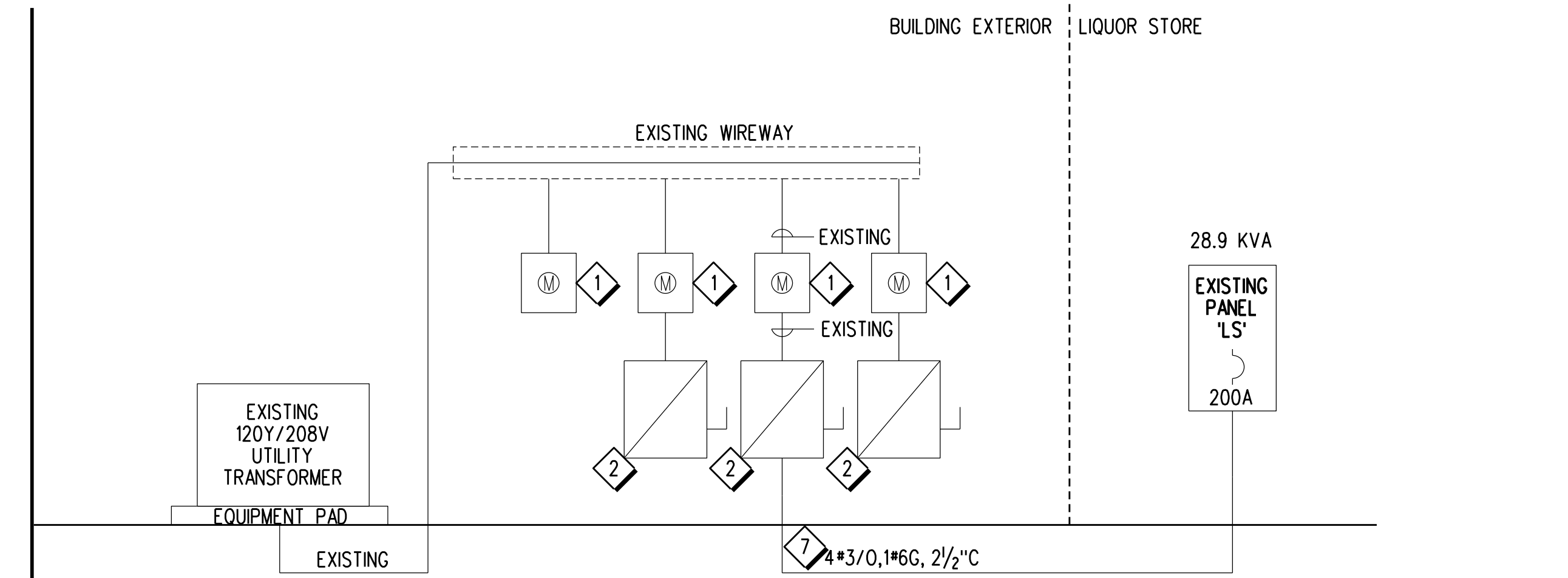
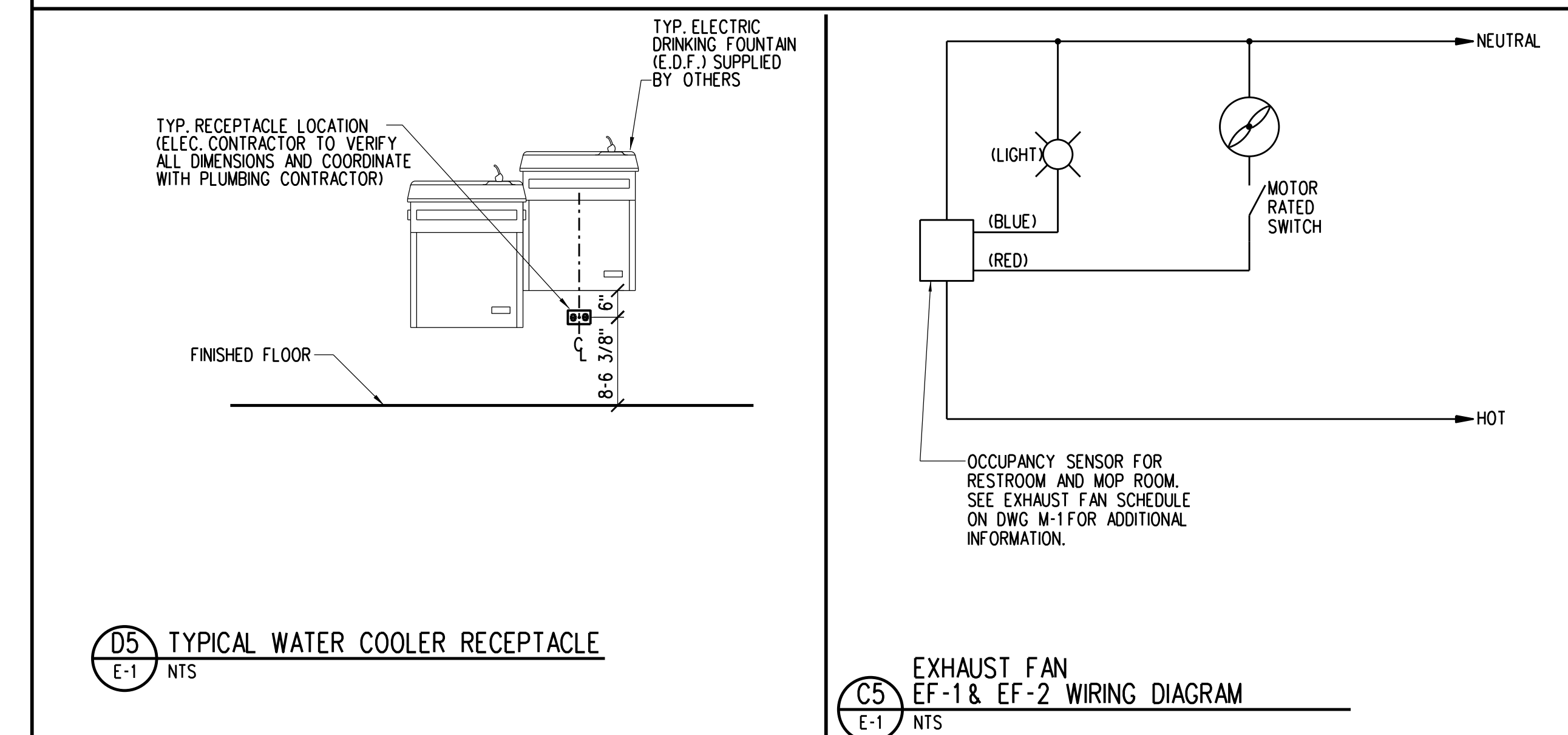


DIAGRAM NOTES:
 1 EXISTING METER SHOWN FOR REFERENCE ONLY.
 2 EXISTING 200A FUSED DISCONNECT SWITCH SHOWN FOR REFERENCE ONLY.



C1 LEGEND, ABBREVIATIONS, AND GENERAL NOTES
 E-1 NOTE: NOT ALL SYMBOLS MAY BE USED ON THIS PROJECT

120 /208Y V 3 PHASE, 4 WIRE 200 AMP, MLO												MANUFACTURER : SQUARE D		
PANEL "LS" <2>												TYPE : NQOD, SURFACE AIC : EXISTING		
LOAD DESCRIPTION	KVA	KVA	KVA	TRIP/POLE	WIRE/COND.	OKT	OKT	WIRE/COND.	TRIP/POLE	KVA	KVA	KVA	LOAD DESCRIPTION	
LEFT WALL RECEPTACLES	R	1.08		20 /1P	SEE DWG	1	2	SEE DWG	20 /1P	0.40			EMERGENCY LIGHTING	
RIGHT WALL RECEPTACLES	R		0.90	20 /1P	SEE DWG	3	4	SEE DWG	20 /1P		0.51		GENERAL SALES LIGHTING	
ROOF TOP RECEPT.	R			20 /1P	SEE DWG	5	6	SEE DWG	20 /1P			0.46	GENERAL SALES LIGHTING	
RTU-B1	A	3.40		50 /3P	SEE DWG	7	8	SEE DWG	20 /1P	0.36			SHOW WINDOW RECEPT.	
RTU-B2	A		3.40		SEE DWG	9	10	SEE DWG	20 /1P		1.00		LIGHTING CONTROL PANEL	
RTU-B3	A				SEE DWG	11	12	SEE DWG	20 /1P			1.20	STORE SIGNAGE	
ICE MERCHANDISER	M	0.54		20 /1P	SEE DWG	13	14	SEE DWG	20 /1P	1.00			EWC	
BEV CASE #90 FAN	F		0.21	15 /1P	SEE DWG	15	16	SEE DWG	20 /1P		0.30		CHECKOUT PENDANT LTG	
BEV CASE #90 LTG	L			20 /1P	SEE DWG	17	18	SEE DWG	20 /1P			0.36	STORAGE GFI RCPTS	
BEV CASE #90 HTR	F	0.65		20 /1P	SEE DWG	19	20	SEE DWG	20 /1P	0.15			EF-1 & RESTROOM LIGHT	
SAFE	M		0.18	20 /1P	SEE DWG	21	22	SEE DWG	20 /1P		0.15		EF-2 & STORAGE LIGHT	
RECEPT.	M			20 /1P	SEE DWG	23	24	SEE DWG	20 /1P			0.72	CASH REGISTER	
UNIT LS-1	A	1.56		20 /2P	SEE DWG	25	26	SEE DWG	20 /1P	1.08			CASH REGISTER AND UPS	
UNIT LS-2	A		1.56		SEE DWG	27	28	SEE DWG	20 /1P		0.36		CRASH BAR	
WATER HEATER	M			20 /2P	SEE DWG	29	30	SEE DWG	20 /1P			0.18	BURGLAR ALARM	
SPARE	M			20 /1P	SEE DWG	31	32	SEE DWG	20 /1P				SPARE	
SPACE	M			20 /1P	SEE DWG	33	34	SEE DWG	20 /1P				SPARE	
SPACE	M				SEE DWG	35	36	SEE DWG					SPACE	
SPACE	M				SEE DWG	37	38	SEE DWG					SPACE	
SPACE	M				SEE DWG	39	40	SEE DWG					SPACE	
SPACE	M				SEE DWG	41	42	SEE DWG					SPACE	

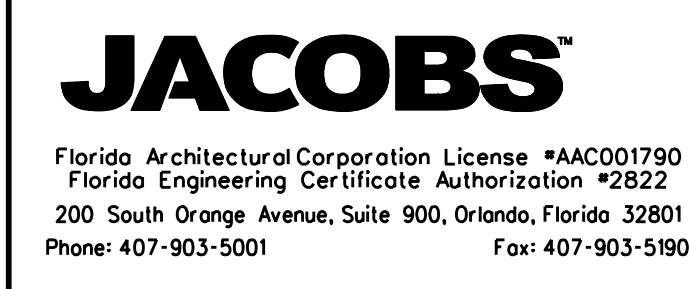
TOTAL CONNECTED LOAD: 28.0 TOTAL DEMAND LOAD: 28.9

LOAD TYPE (LT)	CONNECTED	FACTOR	DEMAND	PANEL NOTES:
LIGHTING	3.5	1.25	4.4	<1> PROVIDE HACR CIRCUIT BREAKER
AIR CONDITIONING	13.3	1.00	13.3	<2> PROVIDE NEW LABEL
REFRIGERATION	0.9	1.00	0.9	
KITCHEN	0.0	1.00	0.0	
MISC. EQUIPMENT	5.4	1.00	5.4	
RECEPTS. (1ST 10KVA)	4.9	1.00	4.9	
(REMAINING RECEPTS.)	0.0	0.5	0.0	

LIGHTING CONTROL PANEL RELAY SCHEDULE 'LCP-LS'							
RELAY NUMBER	CIRCUIT CONTROLLED	LOAD CONTROLLED	RELAY GROUP	RELAY NUMBER	CIRCUIT CONTROLLED	LOAD CONTROLLED	RELAY GROUP
1	LS-4a	50% SALES FLOOR LTG	A	2	LS-6a	50% SALES FLOOR LTG	B
3	LS-4b	50% DAYLIT SALES FLOOR LTG	C	4	LS-6b	50% DAYLIT SALES FLOOR LTG	D
5	LS-12	EXTERIOR SIGNAGE	E	6	-	SPARE	-
7	-	SPARE	-	8	-	SPARE	-

RELAY GROUP SCHEDULE		
RELAY GROUP	LOAD CONTROLLED	RELAY CONTROL BEHAVIOR
A	50% SALES FLOOR LTG	MANUAL ON/SCHEDULE OFF. AFTER-HOURS VIA 2 HR OVERRIDE SWITCH
B	50% SALES FLOOR LTG	MANUAL ON/SCHEDULE OFF. AFTER-HOURS VIA 2 HR OVERRIDE SWITCH
C	50% DAY-LIT SALES FLOOR LTG	MANUAL ON/SCHEDULE OFF. AFTER-HOURS VIA 2 HR OVERRIDE SWITCH
D	50% DAY-LIT SALES FLOOR LTG	MANUAL ON/SCHEDULE OFF. AFTER-HOURS VIA 2 HR OVERRIDE SWITCH
E	EXTERIOR SIGNAGE	SCHEDULE ON/OFF

NOTE: CONTRACTOR SHALL PROVIDE ALL SYSTEM PROGRAMMING. CONFIRM ALL SCHEDULE ON/OFF TIMES WITH PUBLIX REPRESENTATIVE



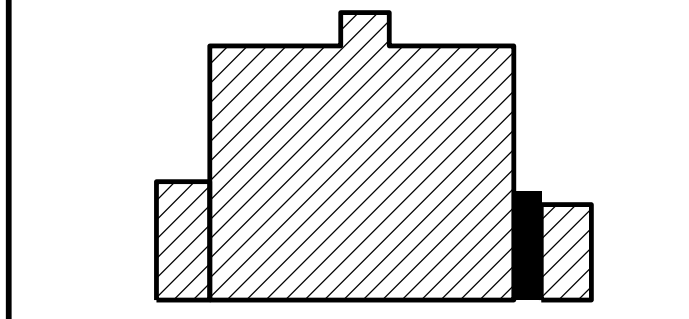
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ELECTRICAL ENGINEER OF RECORD
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 REGISTRATION: FLORIDA REG. #PE67334

Revision: _____
 Date: _____ By: _____ Description: _____

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Key Plan:



Jacobs Project No.: F6-W752-00-0266LS
 Drawing Title:

LEGEND, DETAILS, ABBREVIATIONS AND PANEL SCHEDULES

Date: 01/26/23
 Designed By: S ROSARIO
 Drawn By: S ROSARIO
 Checked By: L PEREZ

E-1

A4 RELAY SCHEDULES
 E-1 NTS

A1 PANEL SCHEDULE
 E-1 NTS

DEMOLITION NOTES:

- 1 DISCONNECT EXISTING RECEPTACLE(S) AND ELECTRICAL DEVICES ON WALL FOR RELOCATION, RETAIN CIRCUIT FOR REUSE. REFER TO DWG A3/E-2 AND A1/E-3 FOR ADDITIONAL INFORMATION.
- 2 DISCONNECT EXISTING CEILING RECEPTACLE FOR REMOVAL, RETAIN CIRCUIT FOR REUSE. REFER TO A1/E-3 FOR ADDITIONAL INFORMATION.
- 3 DISCONNECT ALL LIGHTS, RECEPTACLES, ELECTRICAL DEVICES FOR REMOVAL OR RELOCATION, AS REQUIRED. REMOVE WIRE AND CONDUIT BACK TO SOURCE, OR TO REMAIN AS REQUIRED. REFER TO A3/E-2 AND A1/E-3 FOR MORE INFORMATION.

GENERAL DEMOLITION NOTES:

- A. CONTRACTOR SHALL MAKE PRELIMINARY SITE VISIT AND VERIFY THE MAGNITUDE AND SCOPE OF THE PROJECT BEFORE BIDDING.
- B. CONTRACTOR SHALL DISCONNECT AND REMOVE ALL ELECTRICAL EQUIPMENT, DEVICES, PANELBOARDS, AND LIGHTING FIXTURES AS INDICATED.

PLAN NOTES:

- 1 CONTRACTOR SHALL VERIFY EXACT LOCATION AND ELECTRICAL REQUIREMENTS (CIRCUIT BREAKER, WIRE AND CONDUIT SIZE) OF NEW SIGNAGE WITH THOMAS LIGHTING REPRESENTATIVE. CIRCUIT IS SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL FIELD VERIFY EXISTING CIRCUIT AND UPDATE PANEL SCHEDULE ACCORDINGLY.
- 2 SWITCHES TO CONTROL RECEPTACLES. REFER TO A1/E-3 FOR CONTINUATION OF CIRCUIT.
- 3 REFER TO DWG C5/E-1 FOR EXHAUST FAN WIRING DIAGRAM. REFER TO A1/E-3 FOR CIRCUIT CONTINUATION.
- 4 PROVIDE AND INSTALL SPEC SEAL ELECTRICAL BOX INSERT (EP44) OR APPROVED EQUIVALENT IN JUNCTION BOX FOR CONDUIT OR PIPE PENETRATIONS IN STUD FRAMED TENANT SEPARATION WALL. REFER TO FIRESTOP DETAIL A4/A-5.
- 5 INSTALL NEW/RELOCATED EMERGENCY LIGHT FIXTURE AND CONNECT TO CIRCUIT SHOWN. MOUNT BATTERY PACK LIGHT FIXTURE 90" A.F.F. OR ABOVE DOOR WAY OR ON CEILING AS APPLICABLE.
- 6 CONNECT NEW LIGHT FIXTURE TO EXIT SIGN CIRCUIT FOR NORMAL AND EMERGENCY OPERATIONS PER MANUFACTURER GUIDELINES. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH PUBLIC REPRESENTATIVE.
- 7 CONNECT NEW LIGHT FIXTURE TO CIRCUIT SHOWN IF APPLICABLE. ROUTE CIRCUIT VIA LIGHTING CONTROL PANEL. REFER TO A3/E-1 FOR LIGHTING CONTROL PANEL RELAY INFORMATION.
- 8 PROVIDE 4-BUTTON LOW VOLTAGE WHITE, MOMENTARY SWITCH FOR LIGHTING CONTROL. HUBBELL BUILDING AUTOMATION #VSL4NWH. PROVIDE 5/8" FROM SWITCH TO LIGHTING CONTROL PANEL. LABEL EACH SWITCH TO INDICATE FUNCTION:
 - a. 50% OF SALES NON-DAY-LIT AREA
 - b. 50% OF SALES NON-DAY-LIT AREA
 - c. 50% OF SALES DAY-LIT AREA
 - d. 50% OF SALES DAY-LIT AREA
- 9 REFER TO LIGHTING CONTROL PANEL RELAY SCHEDULES ON SHEET E-1 FOR RELAY PROGRAMMABLE REQUIREMENTS. VERIFY ALL CONTROL BEHAVIORS WITH PUBLIC REPRESENTATIVE.
- 10 PROVIDE SURFACE MOUNTED LIGHTING CONTROL PANEL WITH 8 INDEPENDENTLY PROGRAMMABLE RELAYS, HUBBELL BUILDING AUTOMATION #X0825083LM. REFER TO LIGHTING CONTROL PANEL RELAY SCHEDULES ON SHEET E-1 FOR RELAY PROGRAMMABLE REQUIREMENTS. VERIFY ALL CONTROL BEHAVIORS WITH PUBLIC REPRESENTATIVE.

GENERAL NOTES:

- A. CIRCUITS ARE NOTED AT FIXTURE'S LOCATION INDICATED BY FIXTURE'S DESIGNATION FOLLOWED BY THE PANEL AND CIRCUIT NUMBER.
- B. CONTRACTOR SHALL ATTACH 2#10 GAUGE SUPPORT WIRES (PROVIDED BY GENERAL CONTRACTOR) TO LIGHT FIXTURES AFTER GENERAL CONTRACTOR HAS ATTACHED SUPPORT WIRE SECURELY TO BUILDING STRUCTURE.
- C. ALL CIRCUITS SHALL BE 2#12, 1#12G AWG UNLESS OTHERWISE NOTED.
- D. A FUNCTIONAL TEST OF THE LIGHTING CONTROL SYSTEM SHALL BE PERFORMED PER FLORIDA BUILDING CODE SECTION C408.3.1.1, C408.3.1.2 AND/OR C408.3.1.3. LIGHTING CONTROL SYSTEM SHALL BE TESTED TO ENSURE CONTROL HARDWARE AND SOFTWARE ARE CALIBRATED, ADJUSTED, PROGRAMMED AND IN PROPER WORKING CONDITION, IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS AND MANUFACTURER'S INSTRUCTIONS.

UNISEX (FAMILY) ACCESSIBLE TOILET 103

STORAGE 102

G

F ADJACENT PUBLIC SUPER-MARKET (NOT IN SCOPE)

ADJACENT RETAIL SPACE (NOT IN SCOPE)

LIQUOR STORE 101

E

4

3

A1 ELECTRICAL DEMOLITION PLAN

UNISEX (FAMILY) ACCESSIBLE TOILET 103

STORAGE 102

G

F ADJACENT PUBLIC SUPER-MARKET (NOT IN SCOPE)

ADJACENT RETAIL SPACE (NOT IN SCOPE)

LIQUOR STORE 101

E

4

3

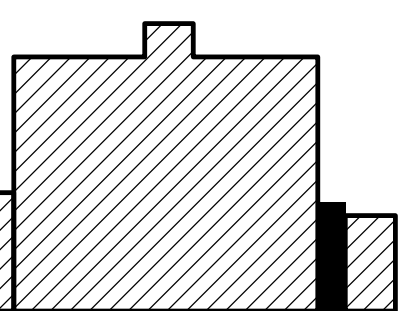
A3 LIGHTING PLAN

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2310 TAMiami TRAIL UNIT 1157
PUNTA GORDA, FLORIDA 33950

Key Plan:



PROJECT TRUE NORTH

Jacobs Project No.: F6-W752-00-0266LS

Drawing Title:

ELECTRICAL DEMOLITION AND LIGHTING PLANS

Date: 01/26/23

Designed By: S ROSARIO

Drawn By: S ROSARIO

Checked By: L PEREZ

PLAN NOTES:

- 1 ELECTRICAL CONTRACTOR SHALL ROUTE CASH REGISTER AND LOTTO MACHINE CIRCUITS VIA NEW UPS PROVIDED BY PUBLIX LOCATED UNDER COUNTER.
- 2 COORDINATE EXACT LOCATION AND MOUNTING HEIGHT OF ALL CUSTOMER SERVICE DEVICES WITH MILLWORK AND PUBLIX REPRESENTATIVE. DEVICES SHALL BE MOUNTED ON MILL WORK ADJACENT TO EQUIPMENT BEING SERVED.
- 3 ROUTE WIRE AND CONDUIT VIA MILLWORK.
- 4 PROVIDE AND INSTALL SPEC SEAL ELECTRICAL BOX INSERT (EP44) OR APPROVED EQUIVALENT IN JUNCTION BOX FOR CONDUIT OR PIPE PENETRATIONS IN MASONRY WALL. REFER TO FIRESTOP DETAIL A4/A-5.
- 5 PROVIDE SURFACE MOUNTED RECEPTACLE AS CLOSE TO SOFFIT AS POSSIBLE AND LOCATE BETWEEN STOREFRONT AND THE SECURITY GATE WITH RECEPTACLE FACING INTO THE LIQUOR STORE. CONNECT TO EXISTING CIRCUIT SHOWN. EXTEND WIRE AND CONDUIT AS REQUIRED.
- 6 CONTRACTOR SHALL PROVIDE AND INSTALL DELAYED EGRESS CRASH BAR AND PROVIDE CONNECTION TO THE RETAIL PLAZA FIRE ALARM CONTROL PANEL. CONFIRM ALARM MONITORING OF RETAIL SPACE ON SITE OR THROUGH OWNER'S REPRESENTATIVE AND COORDINATE CONNECTION WITH 3RD PARTY MONITORING WHERE APPLICABLE.
- 7 PROVIDE JUNCTION BOX FOR NEW BURGLAR ALARM PANEL. COORDINATE EXACT MOUNTING HEIGHT, LOCATION AND POWER REQUIREMENTS WITH EQUIPMENT SUPPLIER.
- 8 INSTALL NEW/RELOCATED RECEPTACLES 90" A.F.F. AND CONNECT SWITCH TO CONTROL RECEPTACLES. REFER TO DWG A1/E-2 FOR SWITCH LOCATION. COORDINATE WITH GONDOLA SUPPLIER FOR EXACT MOUNTING HEIGHT.
- 9 REFER TO D5/E-1 FOR WATER COOLER RECEPTACLE INSTALLATION DETAIL.

GENERAL NOTES:

- A. ALL CIRCUITS SHALL BE #12, #12C AWG UNLESS OTHERWISE NOTED. ALL CIRCUITS OVER 100 FEET IN LENGTH SHALL BE MINIMUM #10 AWG UNLESS OTHERWISE NOTED.
- B. WHERE ISOLATED GROUND IS INDICATED, INSTALL A #12 GREEN W/ YELLOW STRIP INSULATED CONDUCTOR (#10 OVER 100 FT. U.O.N.) IN ADDITION TO GREEN GROUND CONDUCTOR, ALSO, SEE DWGS E-1 FOR CIRCUITS WITH ISOLATED GROUND REQUIREMENTS.
- C. ALL 2/C#18, 2/C#22 AND 4/C#18 SHALL HAVE AN OVERALL SHIELD.
- D. REFER TO DRAWING E-1 AND E-2 FOR LIGHTING SPECIFICS.
- E. REFER TO DRAWINGS R-2 AND M-2 FOR ROOFTOP CONDENSER LOCATIONS.
- F. THE FOLLOWING ARE THE ONLY APPROVED MULTI-CONDUCTOR CABLES, NO SUBSTITUTIONS ALLOWED:

MANUFACTURER	2/C#18 SH.	4/C#18 SH.	2/C#22 SH.
ALPHA	#242C	#242C	#246C
BELDEN	#8760	#9418	#8641
ECC	#1830B	#1834B	
- G. DASHED SYMBOL DENOTES EXISTING EQUIPMENT TO REMAIN.
- H. ALL INSTALLED CIRCUITS REQUIRE AN EQUIPMENT GROUND CONDUCTOR REGARDLESS OF WIRE COUNT SHOWN ON DRAWING.
- I. ISOLATED GROUND CIRCUITS ARE TO BE IN ADDITION TO EQUIPMENT GROUND CONDUCTOR AND SHALL BE CONNECTED TO AN ISOLATED GROUND BUS IN ITS RESPECTIVE PANEL.
- J. ELECTRICAL CONTRACTORS INSTALLATION TO MEET ALL APPLICABLE CODES AND THE VERSION OF THE N.E.C. ADOPTED BY THE A.H.J.
- K. CONTRACTOR TO PROVIDE BREAKER HANDLE TIES FOR ALL CIRCUITS UTILIZING SHARED NEUTRAL TO COMPLY WITH NFPA 70 SECTION 210.4.
- L. ALL RECEPTACLES SERVED BY GFCI CIRCUIT BREAKER SHALL HAVE A "GFCI PROTECTED" LABEL AFFIXED TO THE COVER PLATE. (LABEL SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR)
- M. NO WIREWAYS, GUTTERS, TROUGHS, ETC. PERMITTED.
- N. ELECTRICAL CONTRACTOR'S INSTALLATION TO MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC) SECTION C405.5.3 FOR VOLTAGE DROP.
- P. ELECTRICAL CONTRACTOR TO PROVIDE OWNER WITH RECORD DRAWINGS AND OPERATING AND MAINTENANCE MANUALS (CLOSE OUT BOOK PER SPECIFICATION SECTION 07700 AND 07839 AND FLORIDA BUILDING CODE (FBC) SECTION C405.5.4.1 AND C405.5.4.2
- Q. CONTRACTOR TO PROVIDE SEAL-TITE CONNECTIONS IN ALL WET LOCATIONS.
- R. CONTRACTOR TO LABEL ALL ELECTRICAL DEVICES WITH PANEL AND CIRCUIT NUMBER DESIGNATION.
- S. MOUNTING HEIGHTS FOR ALL ELECTRICAL DEVICES UTILIZING A FLUSH MTD. J-BOX SHALL BE TO THE TOP OF THE DEVICE. SUCH DEVICES INCLUDE BUT ARE NOT LIMITED TO:
 LIGHT SWITCHES
 RECEPTACLES
 F/A PULL STATIONS
 F/A HORNS OR STROBES
 VOLUME CONTROLS
 TELECOM DEVICES
- T. CONTRACTOR SHALL COORD. WITH ALL OTHER TRADES TO AVOID CONFLICT WHERE MULTIPLE DEVICES ARE TO BE INSTALLED PRIOR TO ROUGH-IN. COORDINATION SHALL INCLUDE BREAKS OR CHANGES IN WALL TREATMENT (FRP SCAMS, TILE, PAINT, STAINLESS STEEL, OR PLYWOOD EDGES, ETC.), BACK SPLASHES, DECORATIVE OR PROTECTIVE FINISHES AND DOOR OR WINDOW FRAMES, ETC.
- U. ALL WALKER DUCT RUNS SHALL HAVE INSERTS AT 12" O.C.

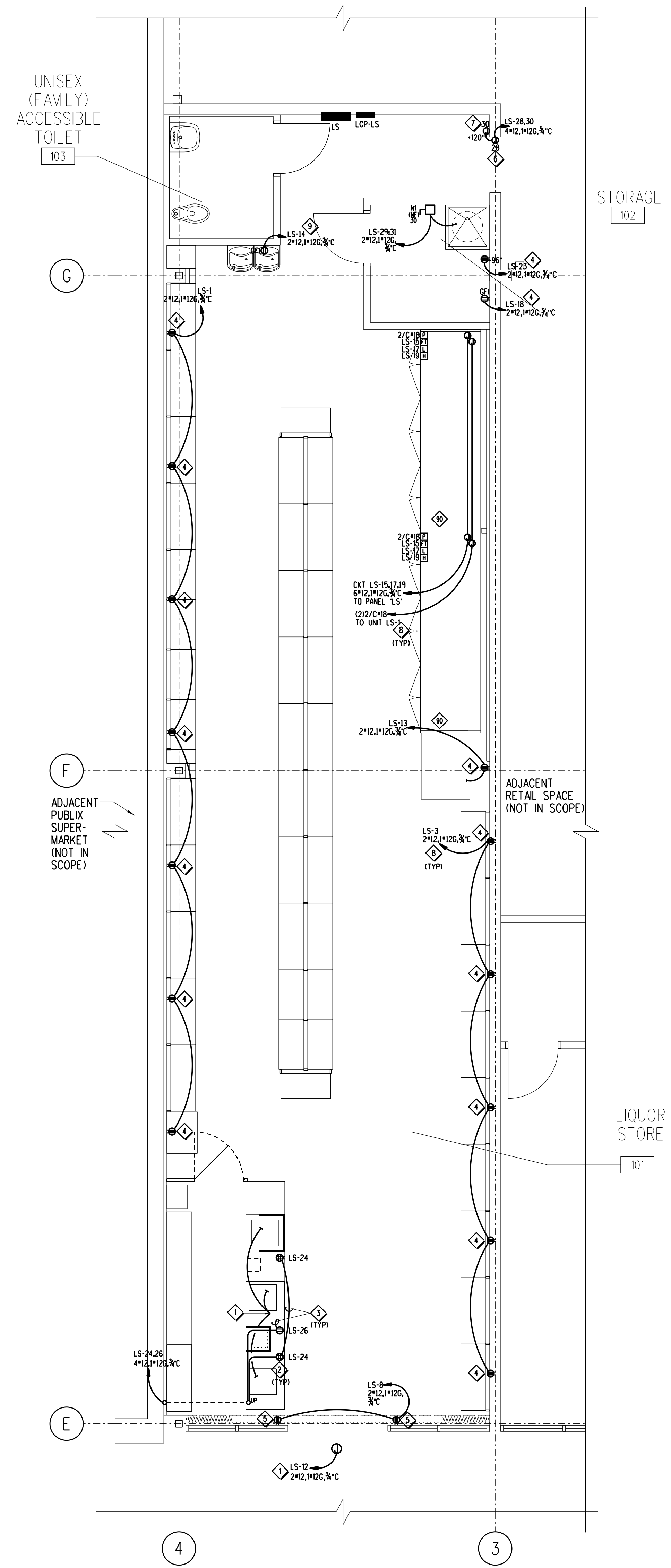
PLAN NOTES:

- 1 INSTALL (2) 2" CONDUITS FOR COMMUNICATIONS CABLING TO RUN ABOVE CEILING TO STORAGE ROOM. SEE KEYNOTE #6.
- 2 ROUTE WIRE AND CONDUIT VIA MILLWORK.
- 3 PROVIDE AND INSTALL SPEC SEAL ELECTRICAL BOX INSERT (EP44) OR APPROVED EQUIVALENT IN JUNCTION BOX FOR CONDUIT OR PIPE PENETRATIONS IN MASONRY WALL. REFER TO FIRESTOP DETAIL A4/A-5.
- 4 CONTRACTOR TO PROVIDE J-BOX WITH CONDUIT RUN TO CEILING SPEAKERS. CONSULT PUBLIX ONSITE REP FOR LOCATION.
- 5 REFER TO DWG A3/E-2 FOR CONTINUATION OF CIRCUIT.
- 6 INSTALL (2) 2" CONDUITS WITH PULL STRING FROM LIQUOR STORE TO COM 'A' INSIDE PUBLIX. COORDINATE LOCATION OF CONDUIT PENETRATION INTO THE MAIN STORE WITH PUBLIX REPRESENTATIVE. REFER TO C1/A-4 FOR ADDITIONAL INFORMATION.
- 7 PROVIDE 3/4" C. STUBBED UP INTO CEILING SPACE FOR A/C CONTROL WIRES. COORDINATE EXACT LOCATION WITH PUBLIX REPRESENTATIVE.
- 8 INSTALL NEW THERMOSTAT/HUMIDISTAT AND COORDINATE EXACT CONTROL WIRE REQUIREMENTS WITH MANUFACTURER'S INSTRUCTIONS.

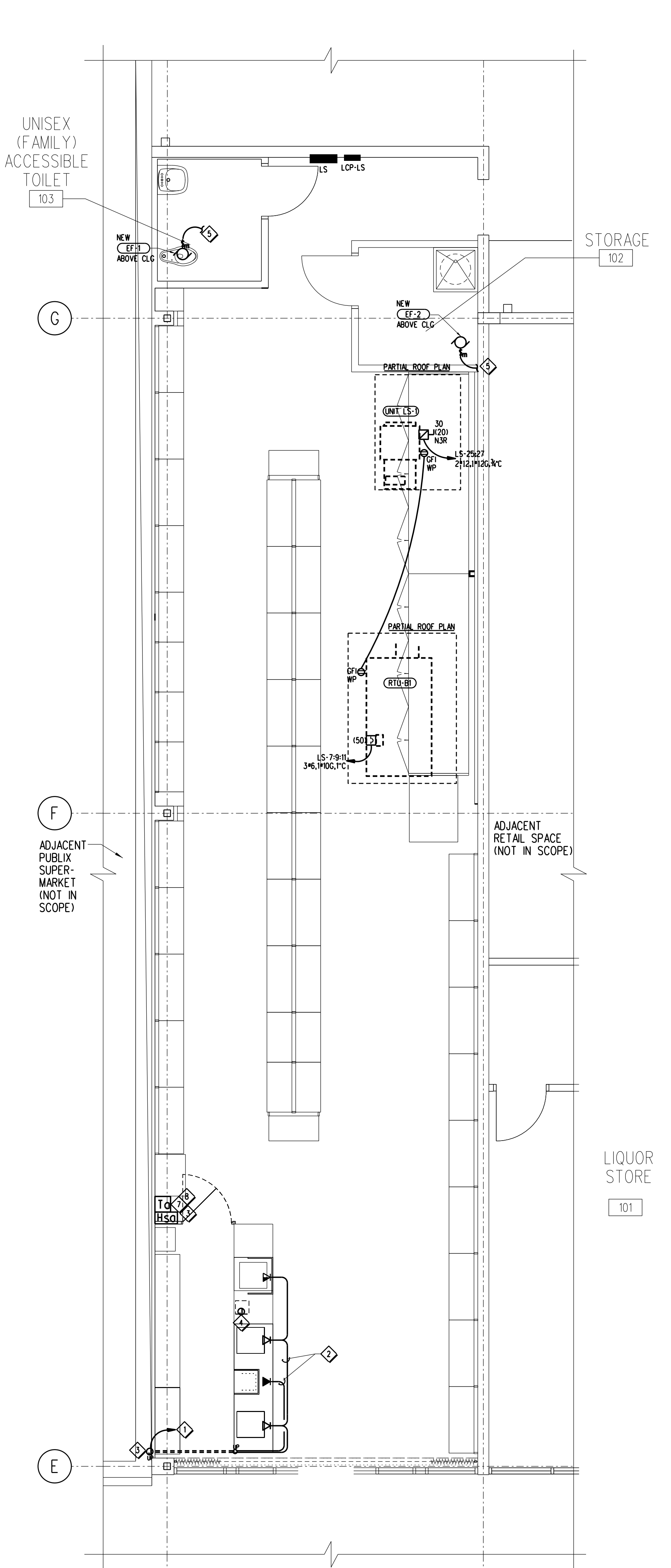
GENERAL NOTES:

- A. THE FOLLOWING ARE THE ONLY APPROVED MULTI-CONDUCTOR CABLES, NO SUBSTITUTIONS ALLOWED:

VENDOR	2/C #18SH	4/C #18SH	3/C #22SH	2/C #24SH
ALPHA	#242C	#242C	#2403C	#2400C
BELDEN	#8760	#9418	#8771	#8641
CAROL			#C2526	#C2513
ECC	#1830B	#1834B		
- B. MARK EACH END OF ALL CABLES AND WIRES USING DESIGNATED PLAN SYMBOLS AND LABELS. MARKERS SHALL BE PERMANENT STYLE. EVERYTHING MUST BE LABELED. EACH CABLE END SHALL BE 8 FT. LONG AFTER ENTERING TERMINATION CABINET.
- C. ALL CIRCUITS SHALL BE #12 AWG UNLESS OTHERWISE NOTED.
- D. UNLESS OTHERWISE NOTED ALL SWITCHES AND MANUAL MOTOR STARTERS ON ROOF SHALL BE HEAVY DUTY, NEMA 3R RATED.
- E. BEFORE INSTALLING ANY NEW EQUIPMENT, CONTRACTOR SHALL VERIFY CLEARANCE REQUIREMENTS PER NEC.
- F. REFER TO DWG E-1, M-1 AND R-1 FOR ELECTRICAL EQUIPMENT SIZES AND REQUIREMENTS
- G. ALL MULTI-CONDUCTOR CABLE IS LOW VOLTAGE. ALL #14 IS HIGH VOLTAGE. DO NOT MIX HIGH AND LOW VOLTAGE IN SAME CONDUIT.
- H. DO NOT SPLICE MULTI-CONDUCTOR CABLE.
- I. THE DRAWING IS INTENDED AS A SCHEMATIC REPRESENTATION AND THE CONTRACTOR IS TO REFER TO DWG E-3 FOR EXACT REQUIREMENTS OF INDIVIDUAL SYSTEMS FOR CONDUIT QUANTITY AND CONDUIT RUNS.
- J. LEAVE 8 FT. LOOP OF MULTI-CONDUCTOR CABLE AT ALL REFRIGERATION RACKS AND A/C UNITS



A1 POWER AND REFRIGERATION PLAN
E-3
0 1 2 4 8
1/8" = 1'-0"



A3 ROOF POWER AND COMMUNICATIONS PLAN
E-3
0 1 2 4 8
1/8" = 1'-0"

AIR CONDITIONING SCHEDULE table with columns: UNIT, EXISTING UNIT TO BE REPLACED, LOCATION, MANUF./MODEL, BASIC UNIT (TOTAL CFM, OUTSIDE AIR CFM, ESP, BLOWER NOM. H.P., AMBIENT TEMP F), CAPACITY (EAT db/wb, TOTAL MBH, SENS MBH, LVC EVAP db/wb), ELECTRICAL (POWER V/PH/Hz, MCA, MOCp, HEAT kW/STAGES), PERFORMANCE SEER, FILTERS, REFRIGERANT, WEIGHT (LBS), NOTES.

- NOTES: 1. ELECTRIC HEATING ELEMENTS SHALL HAVE NON-RESETTABLE FUSIBLE LINK SAFETY CONTROLS... 2. UNIT FURNISHED BY OWNER AND INSTALLED BY MECHANICAL CONTRACTOR... 3. UNIT SHALL BE FURNISHED WITH NEMA 3R RATED FACTORY MOUNTED FUSED DISCONNECT...

AC DUCT COLLAR TRANSITION SCHEDULE table with columns: UNIT, SUPPLY, RETURN, SUPPLY, RETURN.

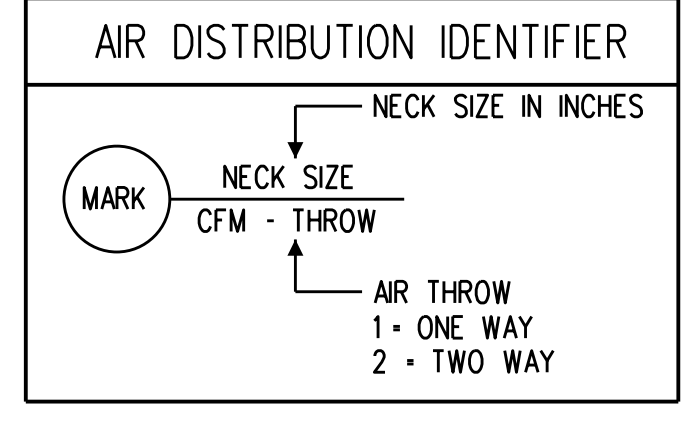
- NOTES: VERIFY EXISTING DIMENSIONS PRIOR TO FABRICATING TRANSITIONS.

FAN SCHEDULE table with columns: MARK, AREA SERVED, TYPE, CFM, TSP WG, MOTOR HP (WATTS), POWER V/PH/Hz, FAN RPM, MANUFACTURER, MODEL, REMARKS.

- NOTES: 1. PROVIDE BUILT-IN OVERLOAD PROTECTION FOR MOTOR. 2. PROVIDE ROUND DUCT CONNECTOR WITH BUILT IN BACKDRAFT DAMPER.

AIR DISTRIBUTION DEVICE SCHEDULE table with columns: MARK, SERVICE DESCRIPTION, DEVICE TYPE, MATERIAL, FACE SIZE, MODULE SIZE, CEILING TYPE, MANUF, MODEL, REMARKS.

- NOTES: 1. NECK SIZE SHALL MATCH SIZE AND CONFIGURATION OF CONNECTED DUCTWORK INDICATED ON PLAN DRAWINGS. 2. PROVIDE UNIT WITH OPPOSED BLADE DAMPER (RECTANGULAR NECK) OR BUTTERFLY DAMPER (ROUND NECK).



AIR CONDITIONING NOTES

- A. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS. B. COORDINATE DIFFUSER AND REGISTER LOCATIONS WITH ELECTRICAL LIGHTING LAYOUT AND ARCHITECTURAL CEILING PLANS. C. LOCATE THERMOSTATS AT 8'-0" AFF UNLESS OTHERWISE NOTED.

AREAS OF HORIZONTAL RUNS BY TRADE

IN AN ATTEMPT TO RELIEVE THE CONFLICT OF TRADES WORKING ABOVE THE CEILING, AREAS OF HORIZONTAL RUNS FOR ELECTRICAL, MECHANICAL, FIRE SPRINKLER AND REFRIGERATION HAVE BEEN ESTABLISHED AS FOLLOWS:

- ELECTRICAL: FROM BOTTOM OF ROOF DECK TO 32" BELOW ROOF DECK. REFRIGERATION: 32" TO 36" BELOW ROOF DECK. FIRE SPRINKLER: 8" ABOVE CEILING (NOT TO CONFLICT W/LIGHT FIXTURES) AND IN OPEN AREAS JUST ABOVE BOTTOM OF BAR JOISTS.

IN SOME CASES DEVIATION MAY BE REQUIRED. IT IS EXPECTED THAT ALL TRADES WILL WORK WITHIN THESE SPACES. ANY DEVIATION MUST BE AGREED UPON BY THE JOB SUPERINTENDENT AND/OR A OWNER REPRESENTATIVE.

HVAC LEGEND

- GR GRILLE. DC DOOR GRILLE-OPENING TO BE CUT BY G.C. CG CEILING GRILLE. REG REGISTER. CR CEILING REGISTER. CD CEILING DIFFUSER. OA OUTSIDE AIR. RA RETURN AIR. SA SUPPLY AIR. CFM CUBIC FEET PER MINUTE. FPM FEET PER MINUTE. SD SPLITTER DAMPER. OBD OPPOSED BLADE DAMPER. MVD MANUAL VOLUME DAMPER. FD FIRE DAMPER-UL LISTED 1-1/2HR. AFF ABOVE FINISHED FLOOR. TSP TOTAL STATIC PRESSURE. NEW CONNECTION TO EXISTING.

AIR BALANCE CALCULATIONS table with columns: TAG, AREA SERVED, STATUS, SUPPLY CFM, OUTSIDE CFM, RETURN CFM. Includes sections for EXHAUST FAN SECTION, VITAL STATISTICS, and NET OCCUPIABLE STORE AREA.

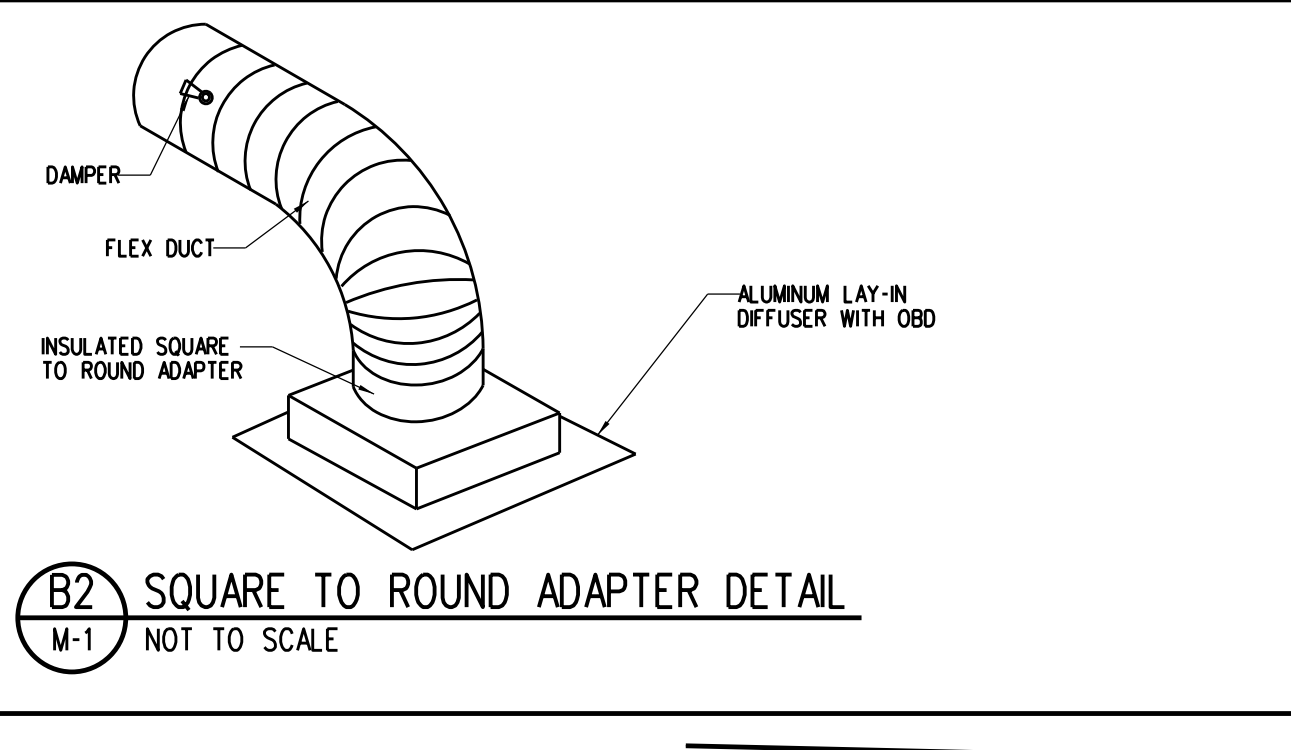
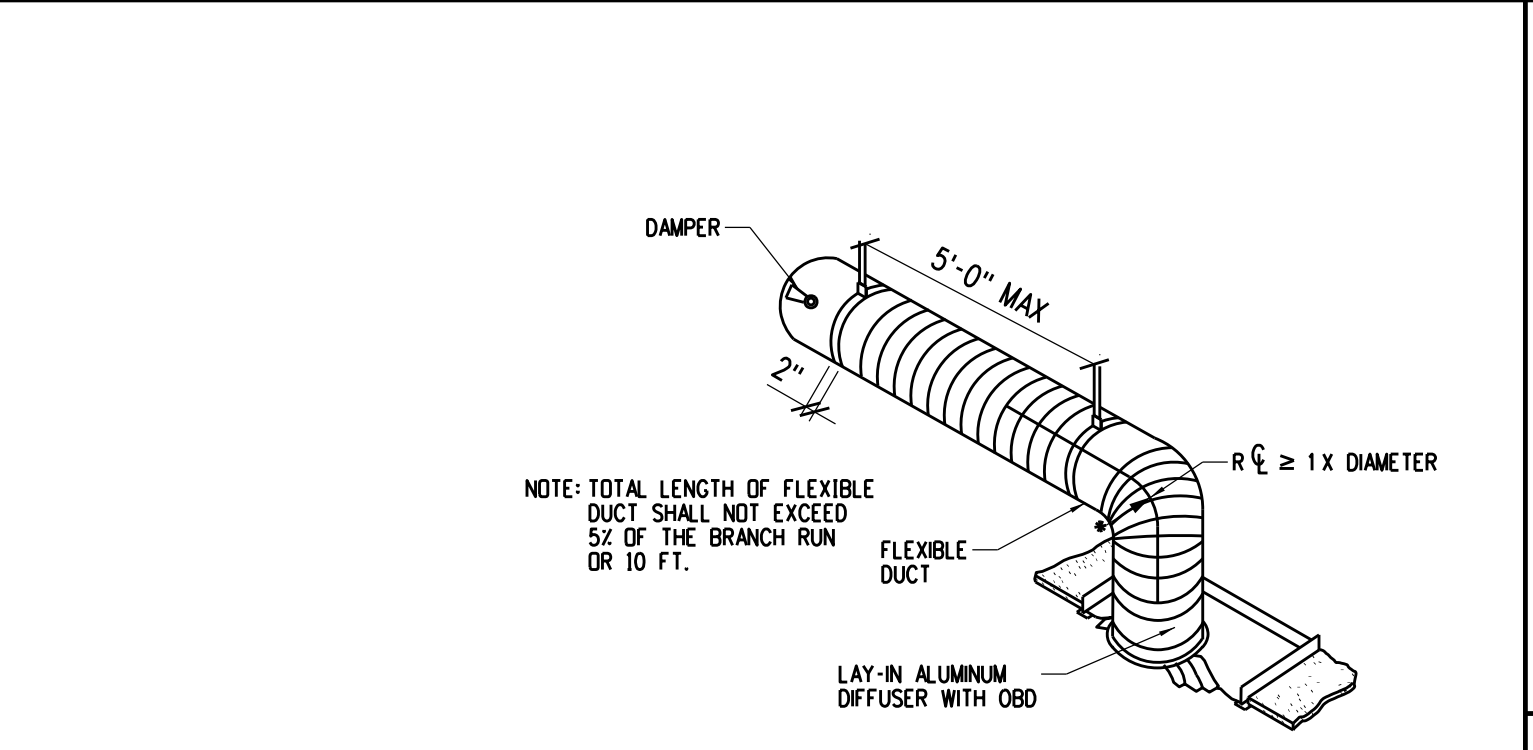
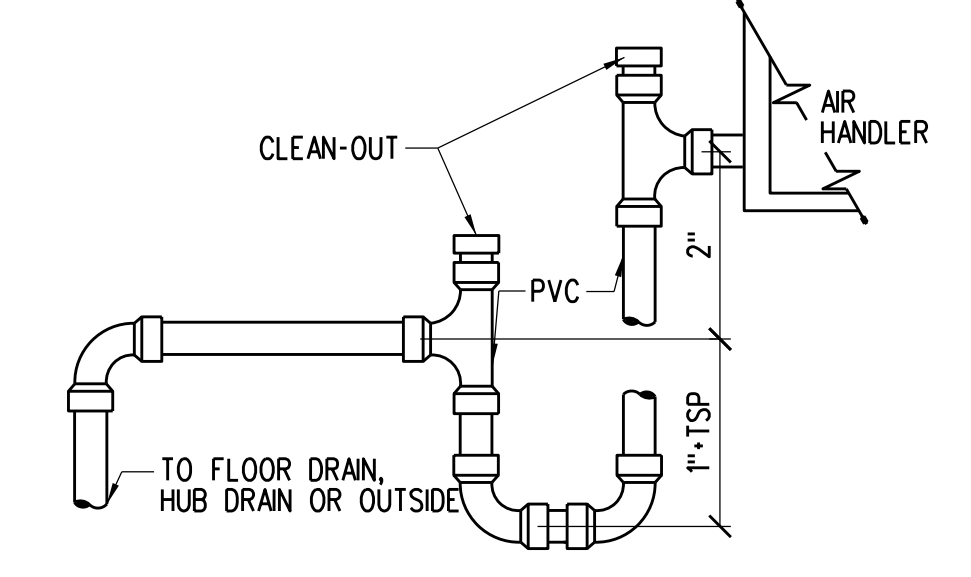
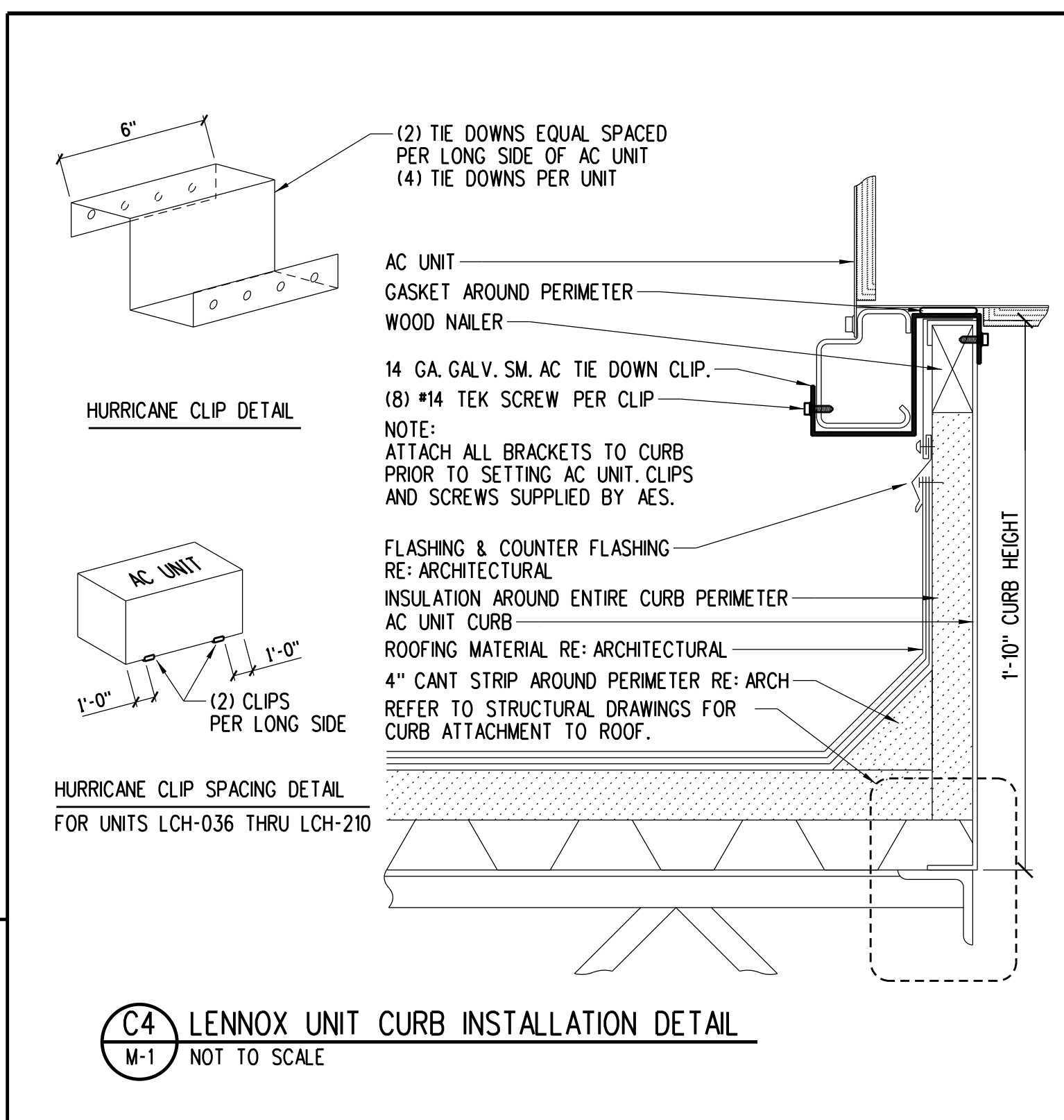
- NOTES: 1. THE CFM QUANTITIES LISTED FOR THE EXISTING AC UNITS ARE BASED ON ACTUAL DESIGN REQUIREMENTS. 2. THE CFM QUANTITIES LISTED FOR THE EXISTING SUPPLY AND EXHAUST ARE BASED ON ACTUAL DESIGN REQUIREMENTS.



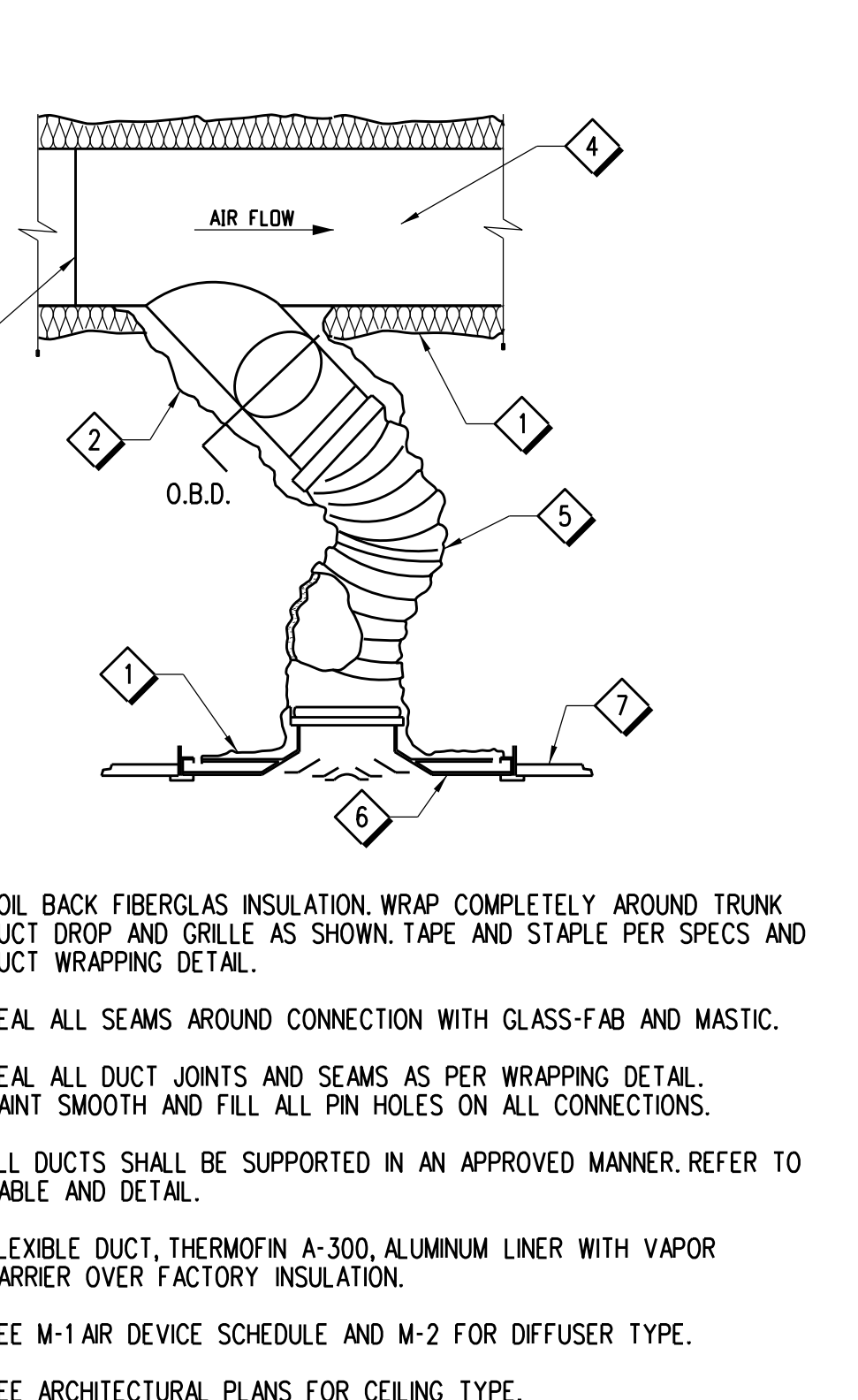
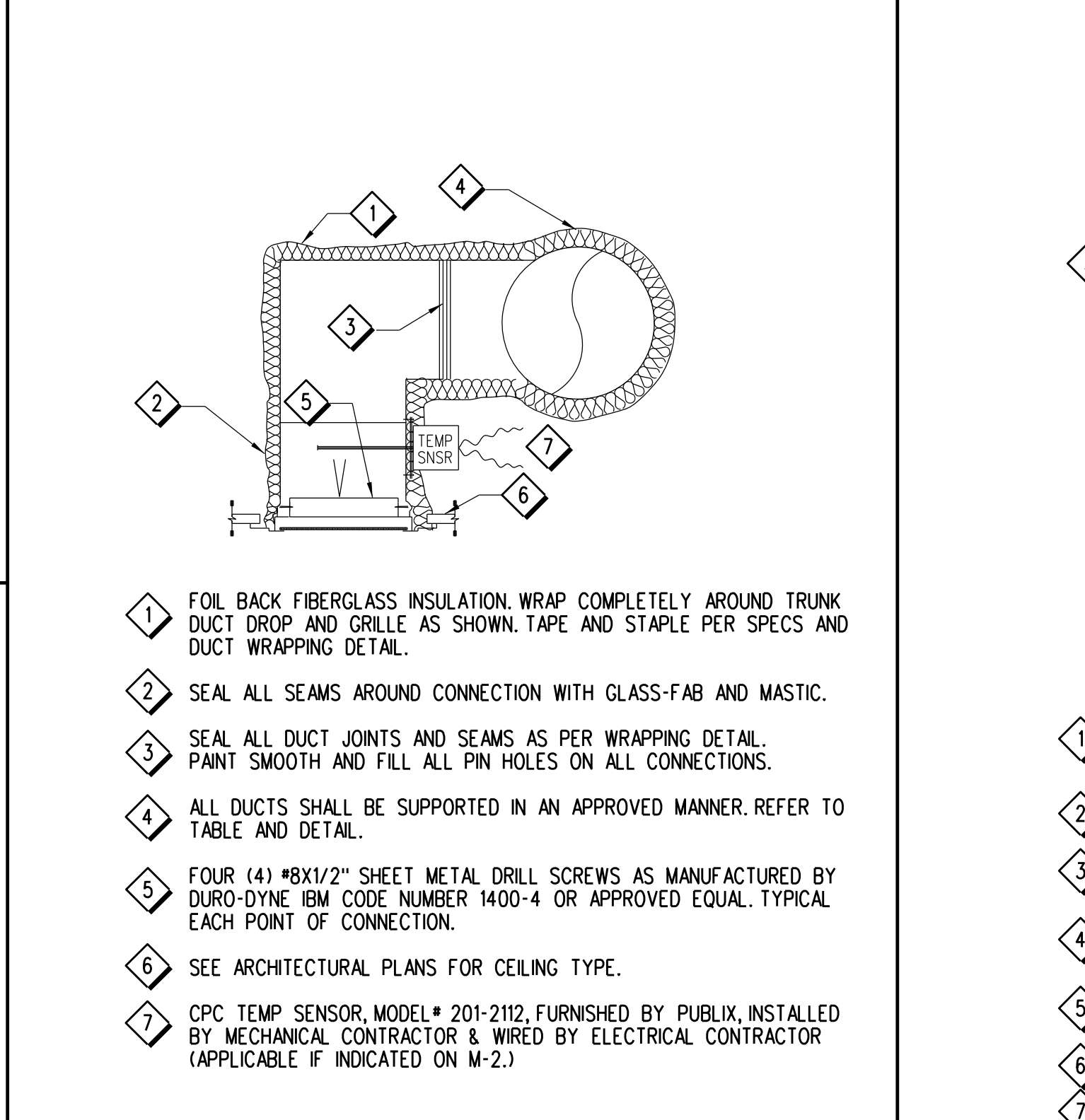
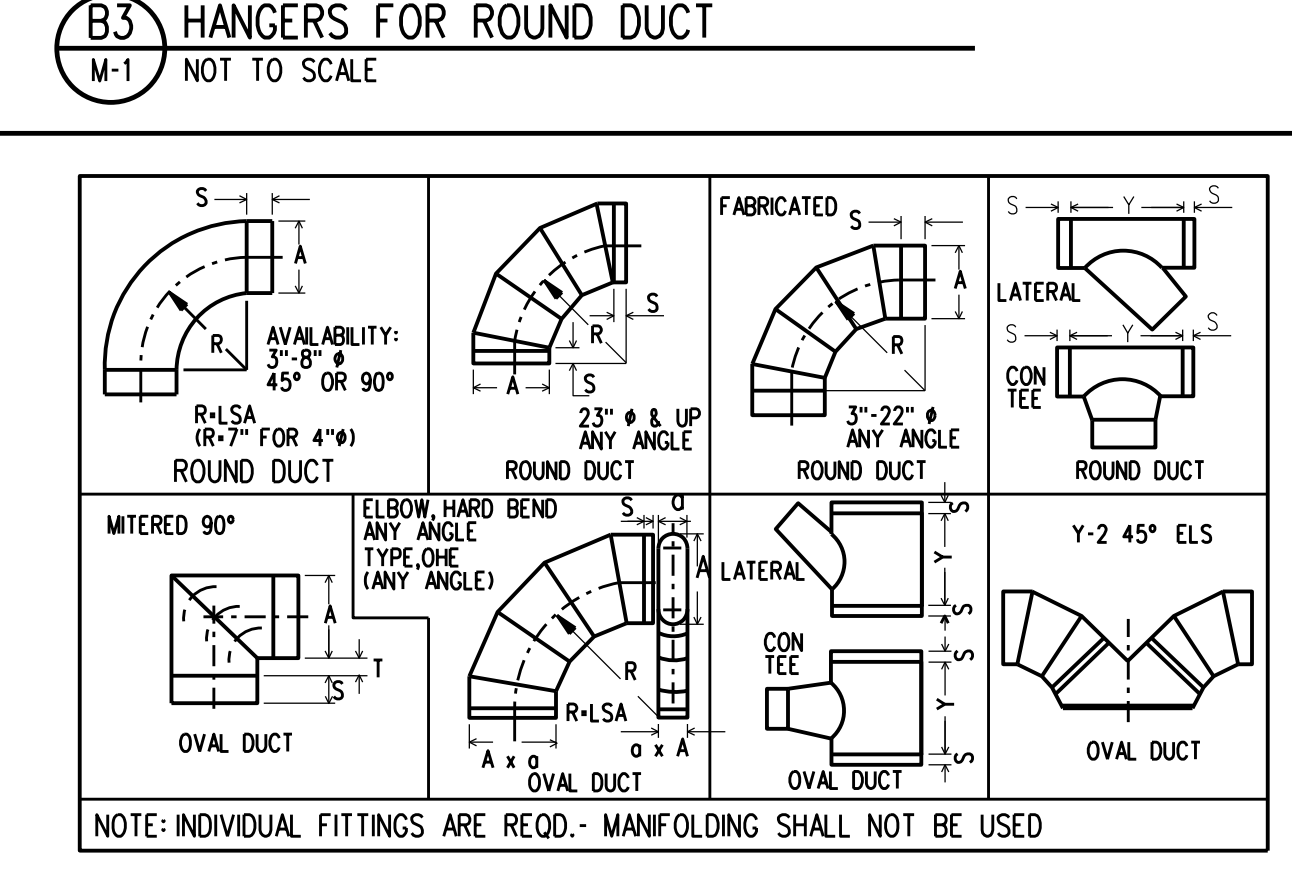
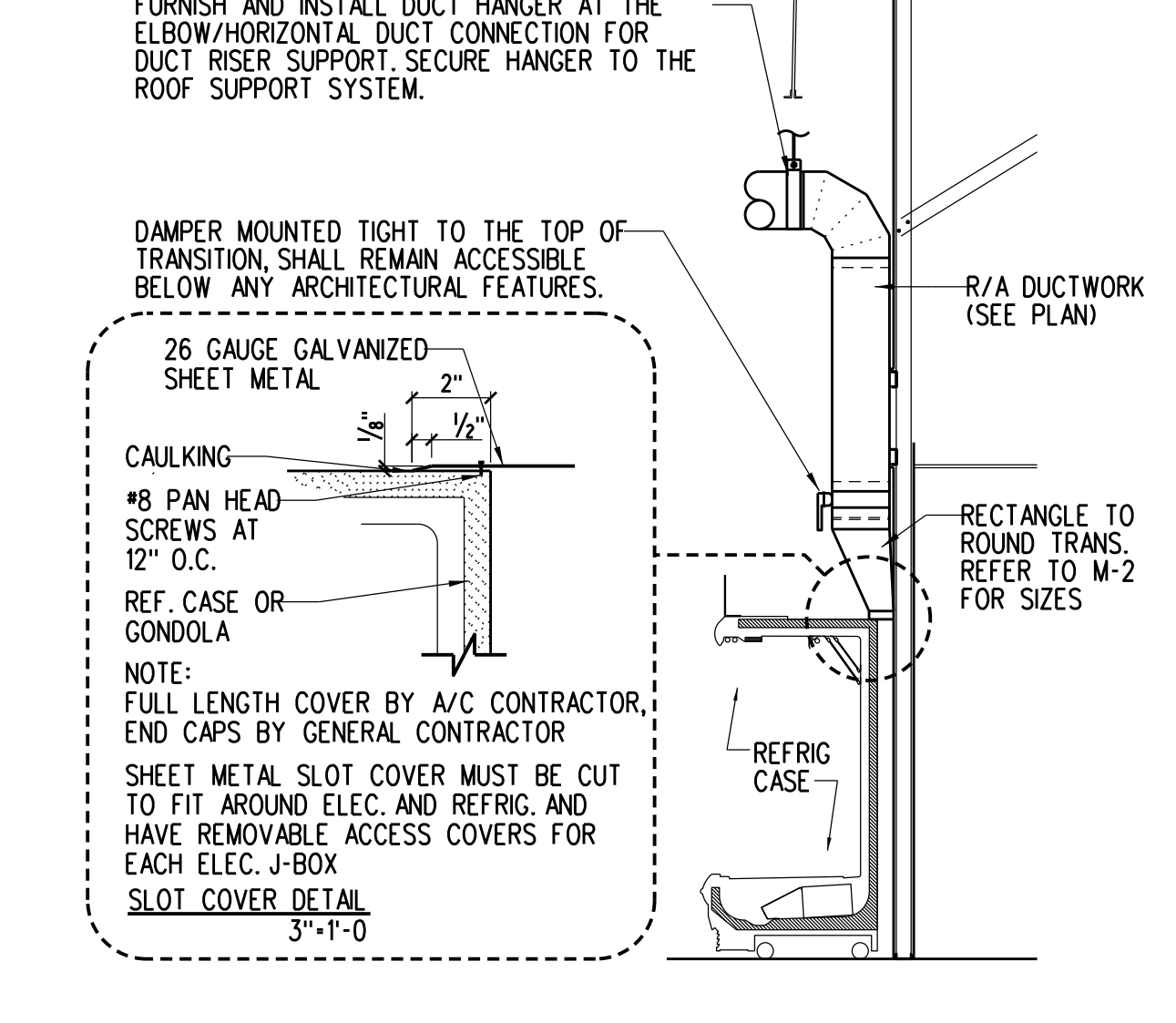
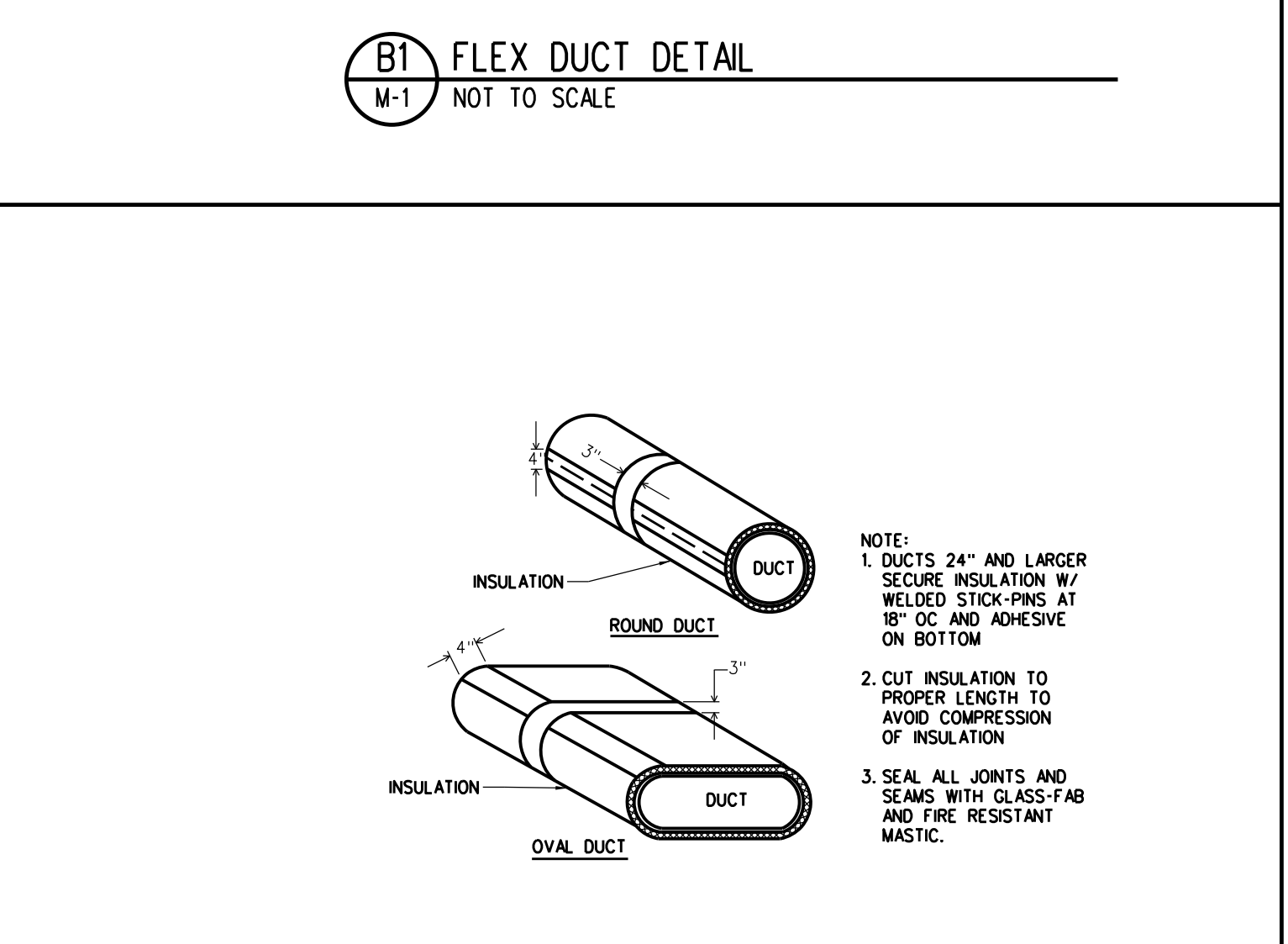
MECHANICAL ENGINEER OF RECORD NAME: KELVIN T. CHANG, P.E. REGISTRATION: FLORIDA REG #FB58410

Seal

Revision: Date By Description



B3 HANGERS FOR ROUND DUCT table with columns: DUCT DIAMETER, ROUND HANGERS, STRAP HANGERS, MAXIMUM SPACING, NO OF HANGER. Includes notes and diagrams for hanger installation.



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Key Plan, Jacobs Project No., Drawing Title (HVAC SCHEDULES AND DETAILS), Date, Design By, Drawn By, Checked By, and Drawing No. (M-1).

DEMOLITION NOTES:

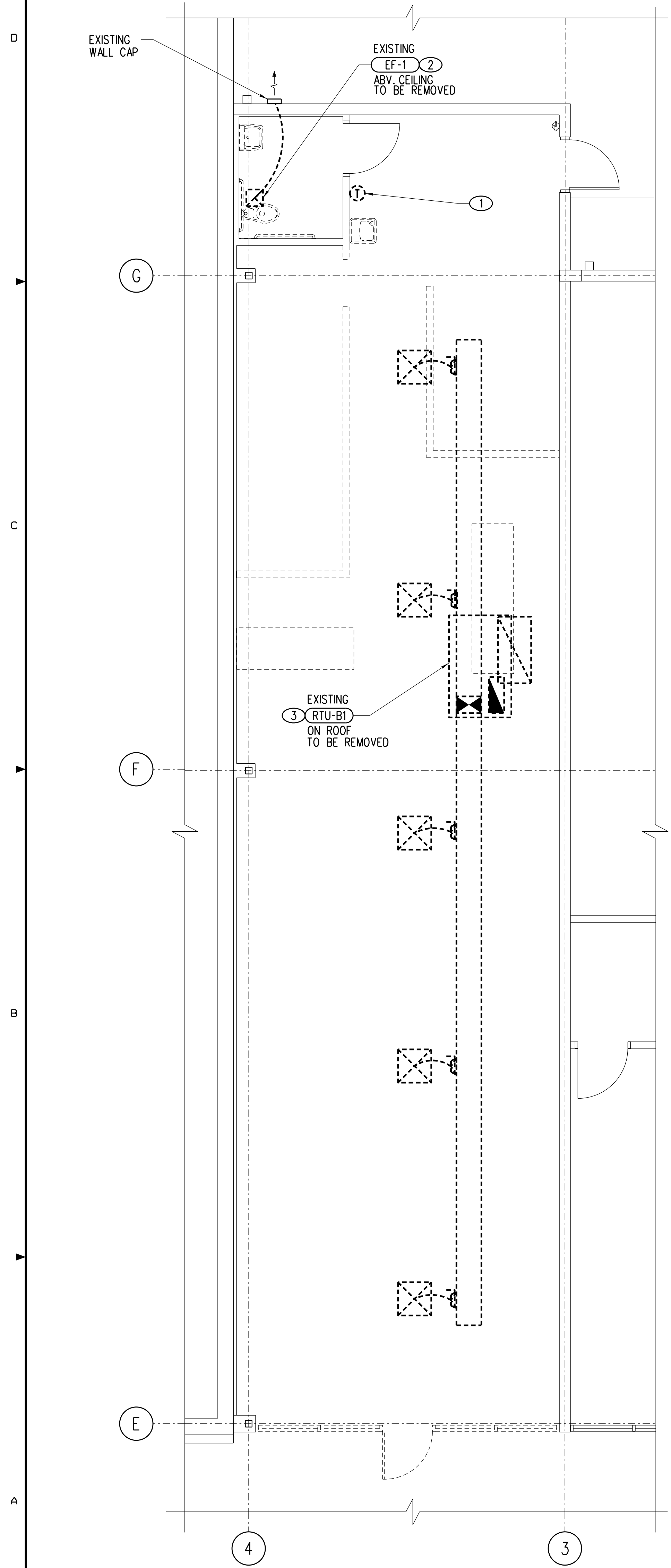
- 1 REMOVE EXISTING THERMOSTAT.
- 2 REMOVE EXISTING EXHAUST AIR DEVICE AND DUCTWORK. EXISTING WALL CAP TO REMAIN FOR REUSE.
- 3 REMOVE EXISTING ROOFTOP AC UNIT, ALL ASSOCIATED DUCTWORK, AND AIR DEVICES. EXISTING CURB AND CONDENSATE PIPING TO REMAIN FOR REUSE.

SHEET NOTES:

- 1 PROVIDE NEW FLEX DUCT, FLEX DUCT TAKEOFF, AND SUPPLY DIFFUSER. SEE DETAIL A5 AND B1, SHEET M-1.
- 2 PROVIDE AND INSTALL NEW MANUFACTURER'S TEMPERATURE SENSOR/HUMIDISTAT. MOUNT AT 48" AFF.
- 3 NEW RETURN AIR DROP TO REFRIGERATED CASES. INCLUDE DAMPER AT RISER TAKEOFF FOR BALANCING TO INDICATED CFM. SEE DETAIL A2, SHEET M-1 AND ARCHITECTURAL DETAILS.
- 4 NEW AC UNIT AND ADAPTOR ON EXISTING CURB. SEE AC AND COLLAR SCHEDULES ON SHEET M-1 AND DETAIL C4, SHEET M-1.
- 5 NEW RETURN/EXHAUST AIR REGISTER, SEE DETAILS A4 AND B2, SHEET M-1.
- 6 NEW EXHAUST FAN MOUNTED PER MANUFACTURER'S RECOMMENDATIONS. SEE SCHEDULE ON SHEET M-1 FOR FAN SPECIFICATIONS.
- 7 NEW INDIVIDUAL UNIT MOUNTED ON NEW EQUIPMENT PLATFORM CURB PROVIDED BY AES INDUSTRIES. (334) 283-6578. REFER TO REFRIGERATION SCHEDULE SHEET, R-1, FOR CONDENSING UNIT MODEL NUMBER, AND COORDINATE WITH AES INDUSTRIES TO PROVIDE CORRESPONDING CURB. FIELD VERIFY LOCATION. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR APPROVAL OF PLATFORM CURB PRIOR TO START OF ANY ROOF WORK.
- 8 PROVIDE 1" UNDERCUT IN DOOR.
- 9 CONNECT NEW CONDENSATE DRAIN TO EXISTING CONDENSATE DRAIN LINE. SEE DETAIL C5, SHEET M-1.

MECHANICAL ENGINEER OF RECORD
 NAME: KELVIN T. CHANG, P.E.
 REGISTRATION: FLORIDA REG. #FE85410

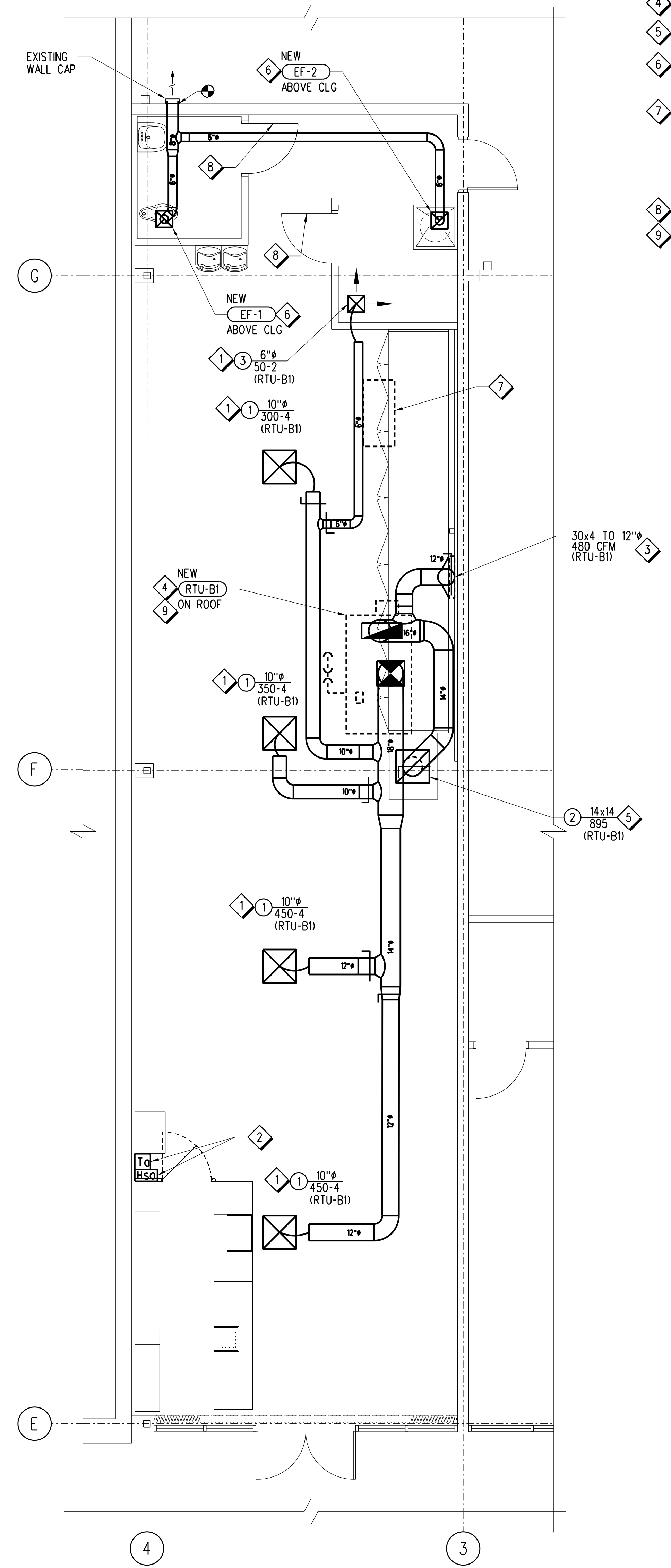
Seal
 Revision:
 Date: By: Description:



A1 HVAC DEMOLITION PLAN
 M-2
 0 2' 4' 8' 12'
 1/4" = 1'-0"

MECHANICAL DEMOLITION LEGEND:

- SQUARE DUCTWORK TO BE REMOVED
- SQUARE DUCTWORK TO REMAIN
- SUPPLY AIR DEVICE TO BE REMOVED
- SUPPLY AIR DEVICE TO REMAIN
- RETURN AIR DEVICE TO BE REMOVED
- RETURN AIR DEVICE TO REMAIN
- EXHAUST AIR DEVICE TO BE REMOVED
- EXHAUST AIR DEVICE TO REMAIN
- THERMOSTAT TO BE REMOVED



A3 HVAC PLAN
 M-2
 0 2' 4' 8' 12'
 1/4" = 1'-0"

MECHANICAL LEGEND:

- NEW DUCTWORK
- NEW SUPPLY AIR DEVICE OR DUCT
- NEW SUPPLY AIR DUCT PENETRATION
- NEW RETURN AIR DEVICE OR DUCT
- NEW RETURN AIR DUCT PENETRATION
- NEW EXHAUST AIR DEVICE OR DUCT
- NEW TEMPERATURE SENSOR
- NEW HUMIDITY SENSOR
- MANUAL VOLUME DAMPER

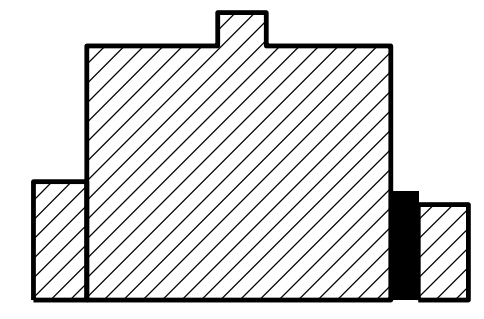
GENERAL NOTES:

- A. CONTRACTOR SHALL REFERENCE AIR BALANCE TABLE IN ORDER TO CORRECTLY BALANCE ALL FANS AND AC UNITS.
- B. CONTRACTOR TO CLEAN ALL DUCTWORK, AIR DEVICES, AND SENSORS AS NEEDED.
- C. UNLESS OTHERWISE INDICATED ON PLAN, NEW DUCTWORK IS TO BE EXTERNALLY INSULATED.
- D. ALL NEW ROOFTOP EQUIPMENT SHALL BE A MINIMUM OF 10'-0" FROM ROOF EDGE.
- E. ALL NEW ROOFTOP EQUIPMENT SHALL MAINTAIN A MINIMUM OF 10'-0" BETWEEN NEW AND/OR EXISTING INTAKES AND EXHAUST POINTS, INCLUDING VENTS AND FLUES.
- F. ALL NEW DUCT INSULATION SHALL BE A MINIMUM OF R-6 FOR SUPPLY AND R-4.2 FOR RETURN IN ACCORDANCE WITH FLORIDA BUILDING CODE - ENERGY CONSERVATION.
- G. CONTRACTOR SHALL INSTALL CASE TOP CLOSURE METAL PANEL FOR ALL NEW/RELOCATED REFRIGERATED CASES. SEE DETAIL A2, SHEET M-1.

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 PUNTA GORDA, FLORIDA 33950

Key Plan:



PROJECT NORTH
 TRUE NORTH

Jacobs Project No.: F6-W752-00-0266L5
 Drawing Title:

HVAC DEMOLITION AND PLAN

Date: 12/20/22
 Designed By: C CALDIE
 Drawn By: C CALDIE
 Checked By: K CHANG
 M-2

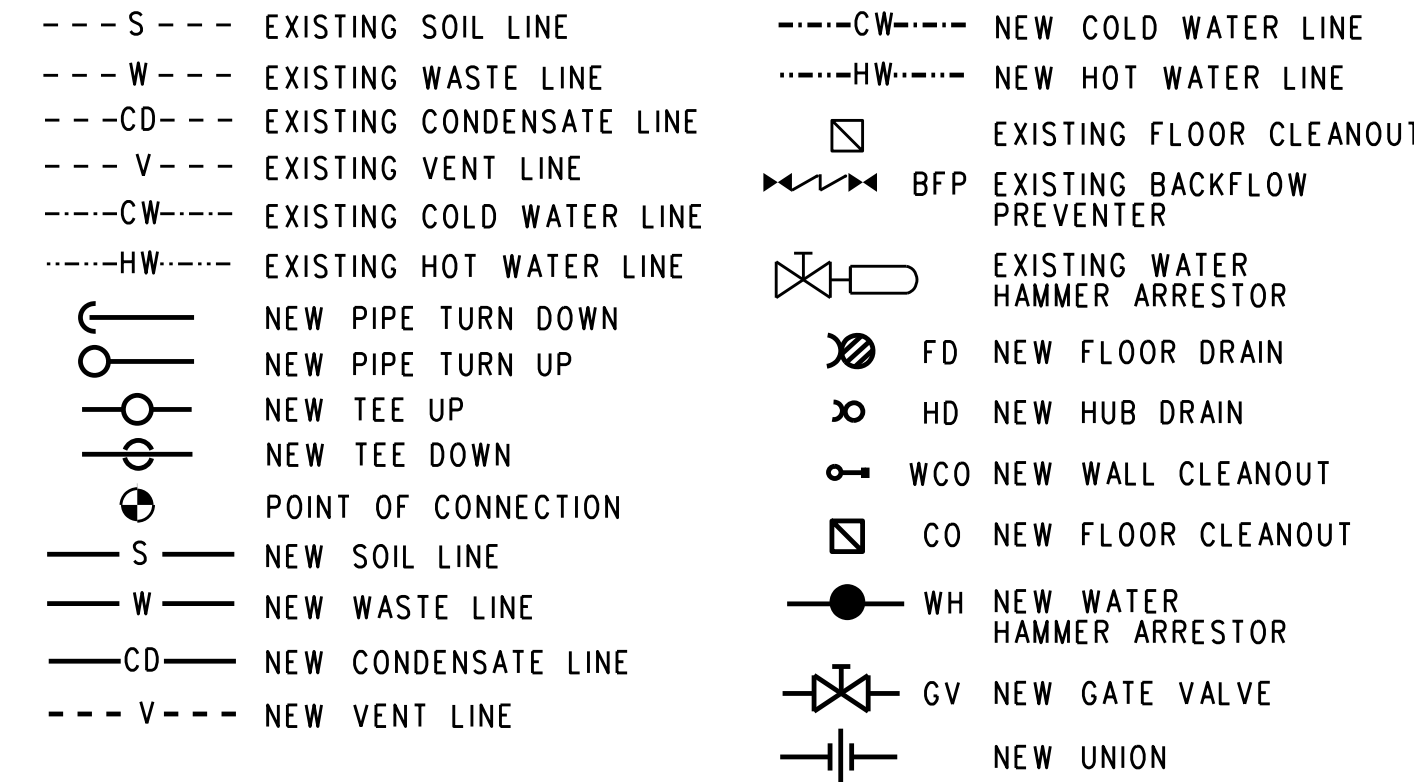
FLOOR DRAINS, CLEAN OUTS, ETC. SCHEDULE				
MARK	DESCRIPTION	SMITH	ZURN	COMMENTS
HD-1	4" CASE DRAIN, US PLASTICS 4X3 PVC REDUCER, CHARLOTTE 706-X P-TRAP WITH BARRIER-TYPE TRAP PROTECTOR.	-----	-----	SEE DETAILS B3-B5, SHEET P-1, HUB DRAINS FOR REFRIGERATED CASES SHALL HAVE DEEP SEAL TRAPS.
WCO	WALL CLEAN OUT, CAST IRON TEE, W/BRONZE PLUG, S.S. COVER.	4531	Z-1446-BP	SEE B1, SHEET P-1 FOR DETAILS.
CO-1	FLOOR CLEAN OUT, NICKEL BRONZE VENEER, HEAVY DUTY COVER. (SEAMLESS QUARTZ FLOOR AREAS)	4031-NB	ZN-1400-HD OR ZS-1400-HD	SEE DETAIL B5, SHEET P-1 FOR DETAILS.

PLUMBING FIXTURE SCHEDULE									
MARK	FIXTURE	AMERICAN STANDARD OR AS NOTED DESCRIPTION	SERVICE CONNECTIONS				SUPPLIED BY	REMARKS	
			TRAP/RAIN CONNECTION	CW	HW	ELEC			
P-2	WATER CLOSET (ADA)	3717A-001 ELONGATED, CADET 3 RIGHT HEIGHT 16.5" HIGH FLUSH TANK, 48130-100 BOLT CAPS, OLSONITE 95 SS EXTRA HEAVY DUTY WHITE SEAT 1.3 GPF	4"	1/2"	-----	-----	PLUMBER	FLOOR MOUNTED.	
P-4	LAVATORY (RESTROOM)	0955-001EC AMERICAN STANDARD, MURRO, W/KNEE GUARD, 0059-0202C1 F FAUCET, CHROME, 1 1/2" H, 1" DC, SGL. HOLE DECK MID_BAT PWR, HANDS FREE, W/0.5 GPM AERATOR, 327-X GRID STRAINER, COPPER RISER STOPS.	1 1/4"	1/2"	1/2"	-----	SINK AND HARDWARE BY PLUMBER	WALL MOUNTED. ZURN ZW3B70XLT MIXING VALVE SET TO 110°F (UNDER SINK). SEE DETAIL A4, SHEET P-1.	
P-14	ELECTRIC WATER HEATER	RUUD MODEL EGSP10 10 GALLON, 2 KW ELEMENT, PLUG DISCONNECT, TEMPERATURE, PRESSURE RELIEF VALVE, SET WATER TEMPERATURE AT 110°F.	-----	3/4"	3/4"	208/60/1	PLUMBER	SEE DETAIL A1, SHEET P-1 AND ARCHITECTURAL DRAWINGS FOR DETAILS.	
P-18	ELECTRIC WATER COOLER (HIGH/LOW)	ELKAY MODEL EZST18LC OR OASIS MODEL PRACSL DUAL LEVEL, BARRIER FREE, 8.0 GPH, PVC TRAP, COPPER RISER STOPS, ACCESSORY APRON ELKAY MODEL LKAPREZL OR OASIS MODEL 035174-003.	1 1/2"	1/2"	-----	120/60/1	PLUMBER	WALL MOUNTED.	
P-31	MS - MOP SINK	FLORESTONE MOLDED PLASTIC MOP SINK MODEL MSR-2424, T & S BRASS 8-665-BSTR SERVICE SINK FAUCET WITH VACUUM BREAKER, S.S. RIM GUARDS, 5' HOSE WITH CLAMP, MOP HANGER, FLAT STRAINER, AND BACKSPASH PANELS.	3"	1/2"	1/2"	-----	PLUMBER	FLOOR & WALL MOUNTED AT 36".	

PLUMBING GENERAL NOTES - ALL PLUMBING DRAWINGS

- A. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- B. PROVIDE SHOCK ARRESTORS FOR PREVENTING WATER HAMMER AT EACH BATTERY OF FIXTURES ON THE COLD AND HOT WATER SUPPLIES, AT ISOLATED PLUMBING FIXTURES, AND WHERE SHOWN ON THE DRAWINGS. SHOCK ARRESTORS SHALL BE FACTORY FABRICATED AND LOCATED FULLY ACCESSIBLE. SHOCK ARRESTORS SHALL BE SIZED PER PLUMBING DRAINAGE INSTITUTE STANDARD WH-201. AIR CHAMBERS ARE NOT ACCEPTABLE.
- C. MAINTAIN FIRE RATING AND WEATHERPROOFING INTEGRITY OF ALL PIPING PENETRATIONS.
- D. ALL SERVICES SHOWN ON THIS DRAWING SHALL TERMINATE 5'-0" OUTSIDE THE BUILDING, UNLESS NOTED OTHERWISE ON THE DRAWINGS. MAKE FINAL CONNECTIONS TO ALL SITE UTILITIES, AND INCLUDE INCREASER AND REDUCER FITTINGS WHERE NECESSARY.
- E. VERIFY ELEVATIONS OF SEWER PIPING TO WHICH NEW SEWERS ARE TO BE CONNECTED PRIOR TO INSTALLATION OF ANY PIPING.
- F. ALL VENTS THROUGH ROOF SHALL BE A MINIMUM OF 10'-0" FROM ANY VENTILATION AIR INTAKE, LOUVER, DOOR, WINDOW, AND ADJACENT PROPERTY LINE. VTR SHALL BE MINIMUM 36" FROM THE EDGE OF THE ROOF - OFFSET AS REQUIRED.
- G. ROUGH-IN ALL WASTE AND SUPPLIES TO SPECIAL EQUIPMENT ACCORDING TO MANUFACTURER'S SHOP DRAWINGS AND MAKE FINAL CORRECTIONS TO MAKE EQUIPMENT FULLY OPERATIONAL. ALL EQUIPMENT SUPPLIES SHALL BE VALVED.
- H. MINIMUM SLOPE FOR GRAVITY DRAINAGE PIPING:
 2" 1/4"/FT 4" 1/8"/FT
 3" 1/8"/FT 5" 1/8"/FT
 6" 1/8"/FT
- I. BRANCH CONNECTIONS SHALL BE MADE WITH STANDARD FITTINGS. SADDLE TAPS, OR T-DRILL FITTINGS SHALL NOT BE USED.
- J. ALL PIPE PENETRATIONS THROUGH WALLS AND FLOORS SHALL BE SLEEVED. ALL COPPER PIPE WITHIN CONCRETE BLOCK WALLS SHALL BE WRAPPED WITH POLYETHYLENE COLOR CODED FOR TEMPERATURE.
- K. PROVIDE SHUTOFF VALVES AT ALL NEW BRANCH PIPING CONNECTIONS.
- L. FOR ALL FIXTURES TO BE RELOCATED OR REPLUMBED, PROVIDE NEW SUPPLIES WITH STOPS AND NEW TRAPS FOR FIXTURE OUTLETS ABOVE GRADE. STOPS, SUPPLIES, AND TRAPS SHALL BE CHROME PLATED BRASS.
- M. WHERE DIMENSIONS ARE GIVEN FOR EQUIPMENT, PIPING, AND DRAIN LOCATIONS, IT SHALL BE UNDERSTOOD THAT THESE DIMENSIONS ARE PROVIDED TO ASSIST THE CONTRACTOR IN PRELIMINARY LAYOUT ONLY AND ARE NOT FOR USE AS WORKING DRAWINGS. THE CONTRACTOR SHALL USE ACTUAL EQUIPMENT DIMENSIONS AND FIELD COORDINATE ALL DIMENSIONS FOR FINAL LAYOUT. ROUGH-IN AND INSTALLATION OF ALL EQUIPMENT, PIPING AND DRAINS.
- N. ALL EXISTING WATER AND GAS PIPING SHOWN AS DEMOLITION SHALL BE REMOVED COMPLETE. DO NOT ABANDON IN PLACE ABOVE THE CEILING.
- O. ALL WORK SHALL COMPLY WITH FLORIDA PLUMBING CODE - 2020 (7TH EDITION).

PLUMBING LEGEND



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MECHANICAL ENGINEER OF RECORD
NAME: KELVIN T. CHANG, P.E.
REGISTRATION: FLORIDA REG. #FE85410

Seal

Revision:
Date By Description

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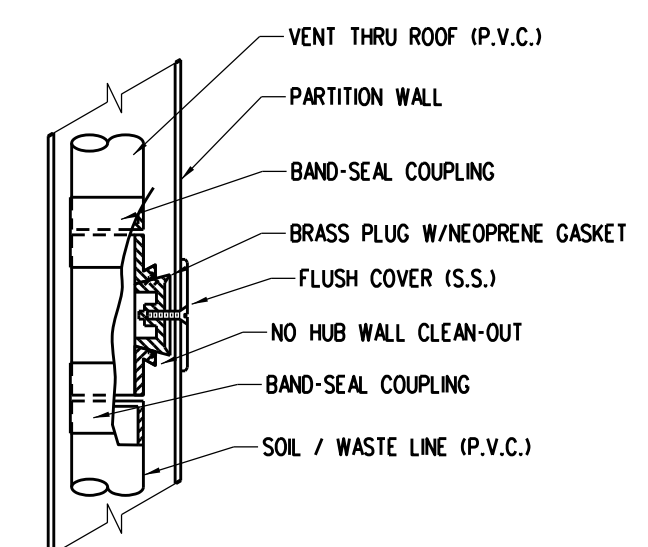
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Key Plan:

Jacobs Project No.: F6-W752-00-0266LS
Drawing Title:

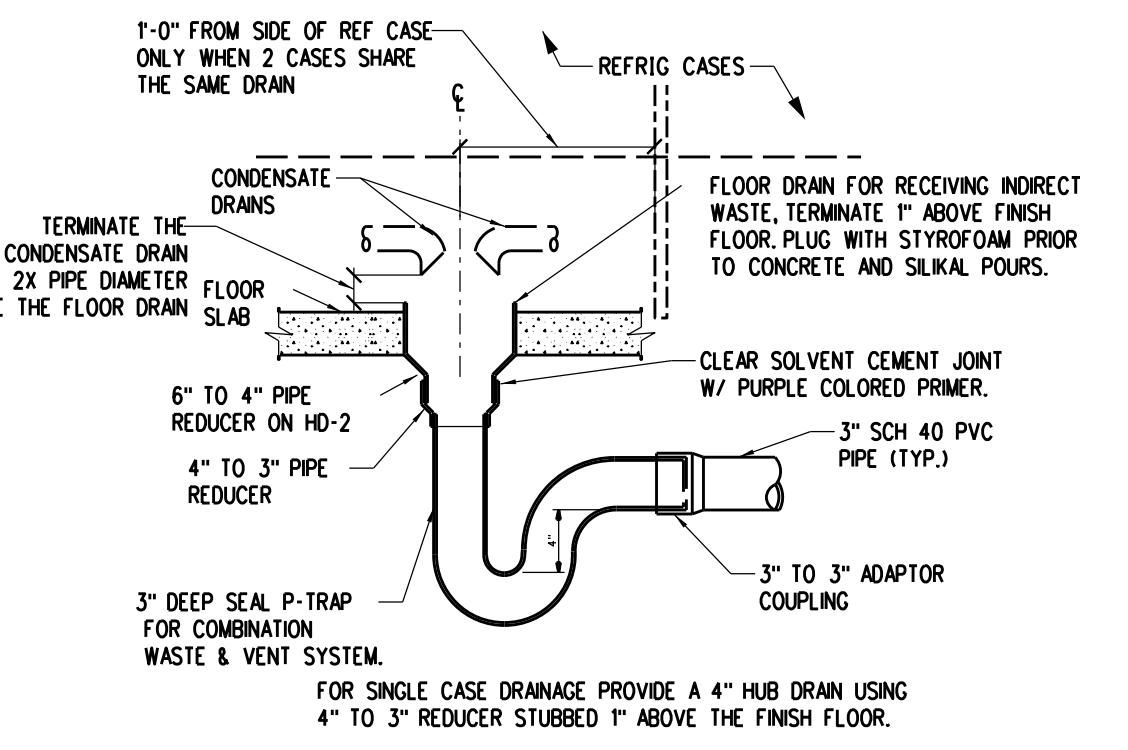
PLUMBING SCHEDULES AND DETAILS

Date: 12/20/22
Designed By: C CALDIE
Drawn By: C CALDIE
Checked By: K CHANG
P-1

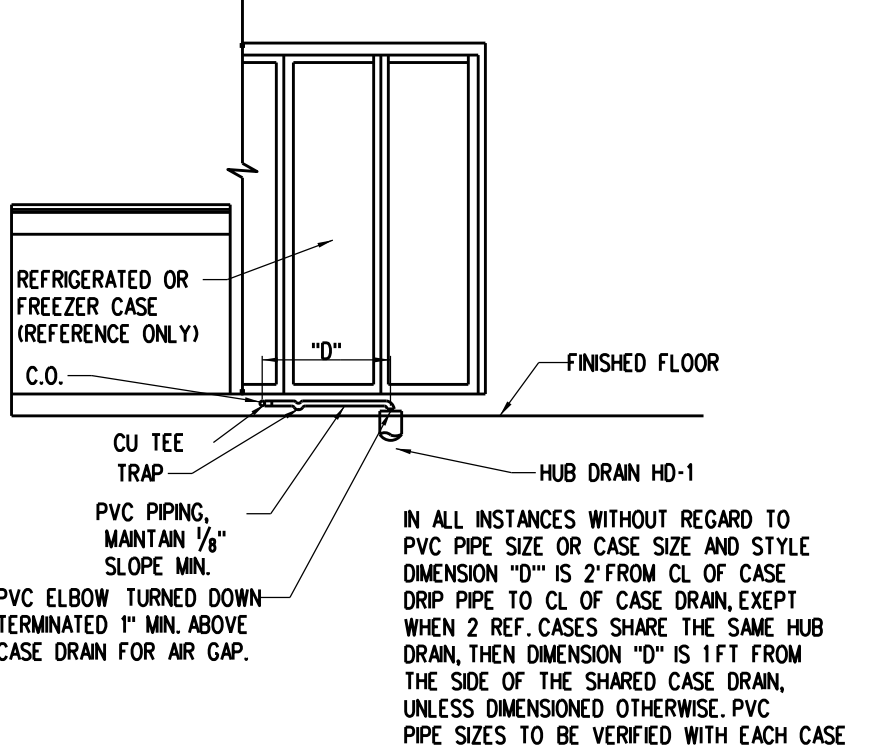


B1 WALL CLEANOUT DETAIL
P-1 NOT TO SCALE

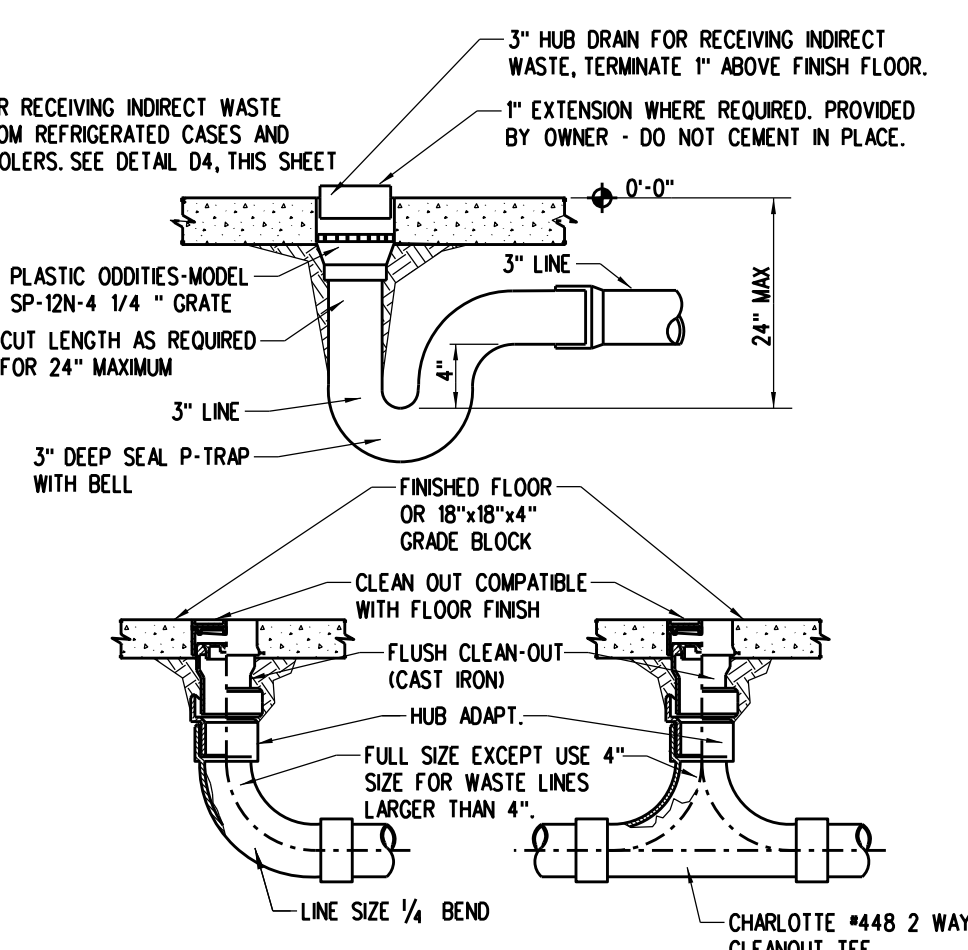
B2 NOT USED
P-1 NOT TO SCALE



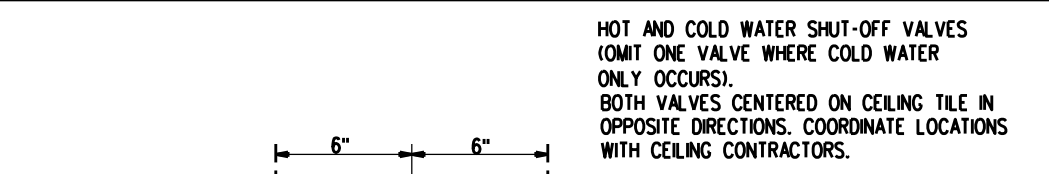
B3 MULTI-CASE HUB DRAIN DETAIL
P-1 NOT TO SCALE



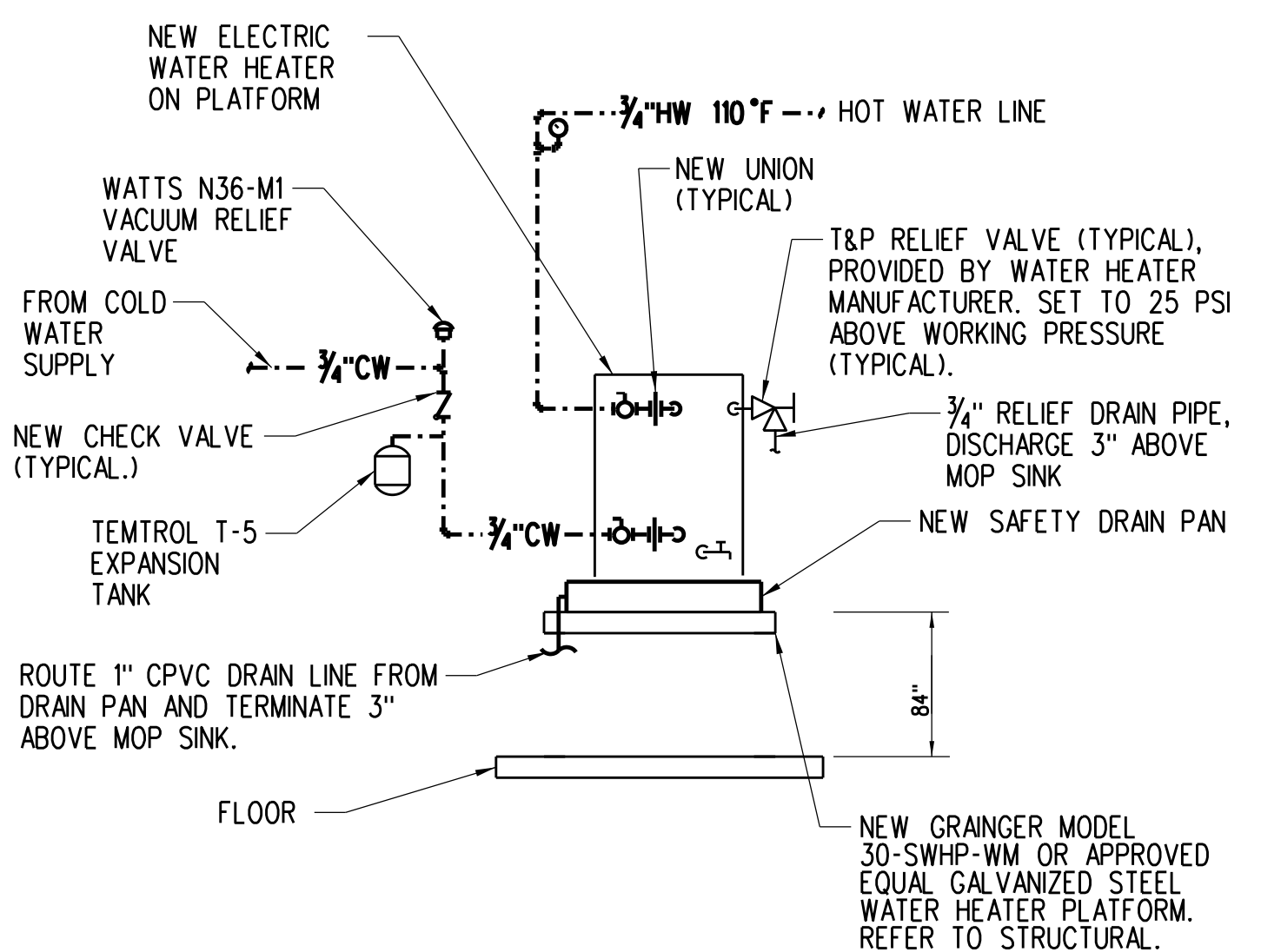
B4 CONDENSATE TRAP DETAIL
P-1 NOT TO SCALE



B5 CLEAN OUT/HUB DRAIN DETAIL
P-1 NOT TO SCALE

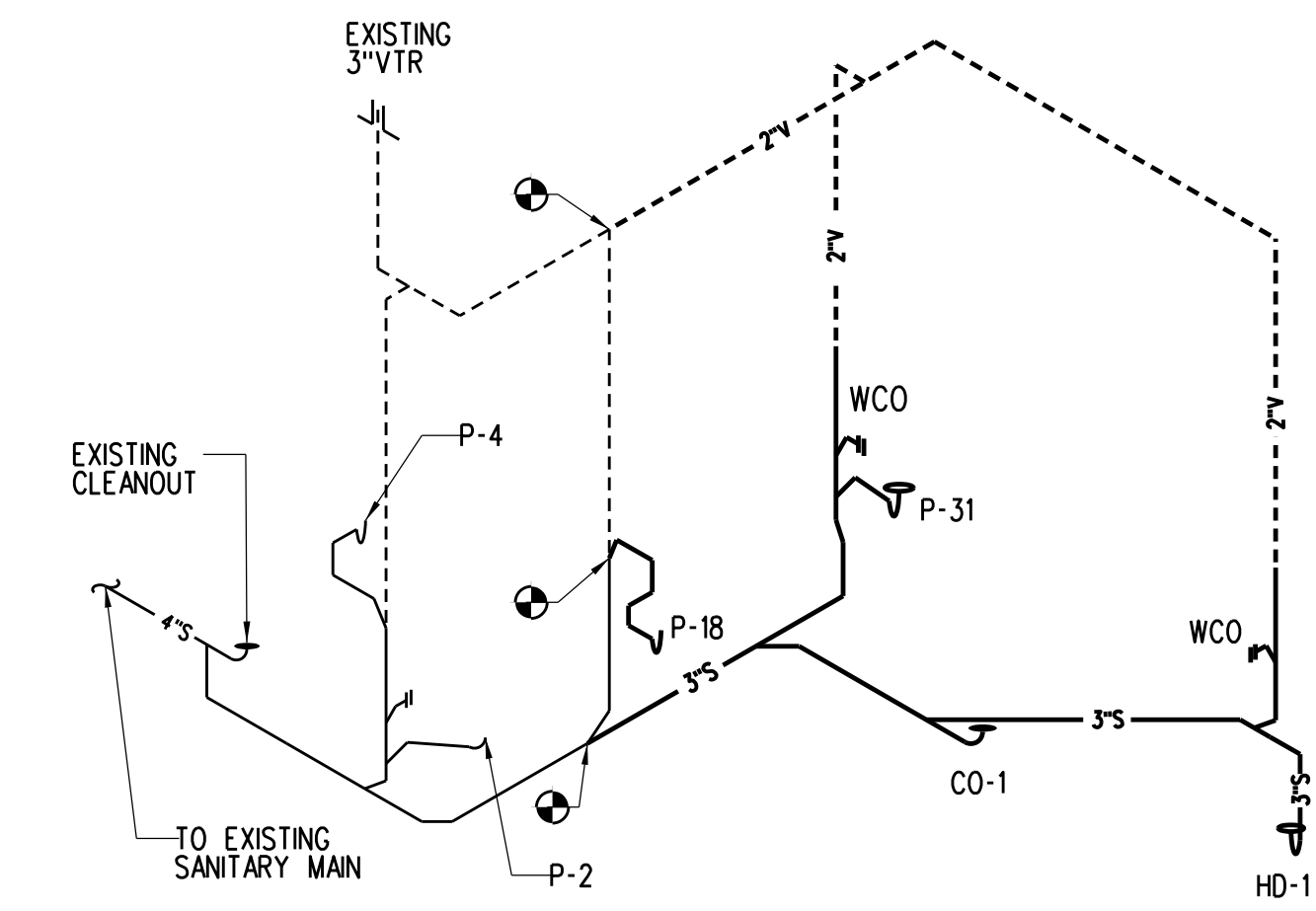
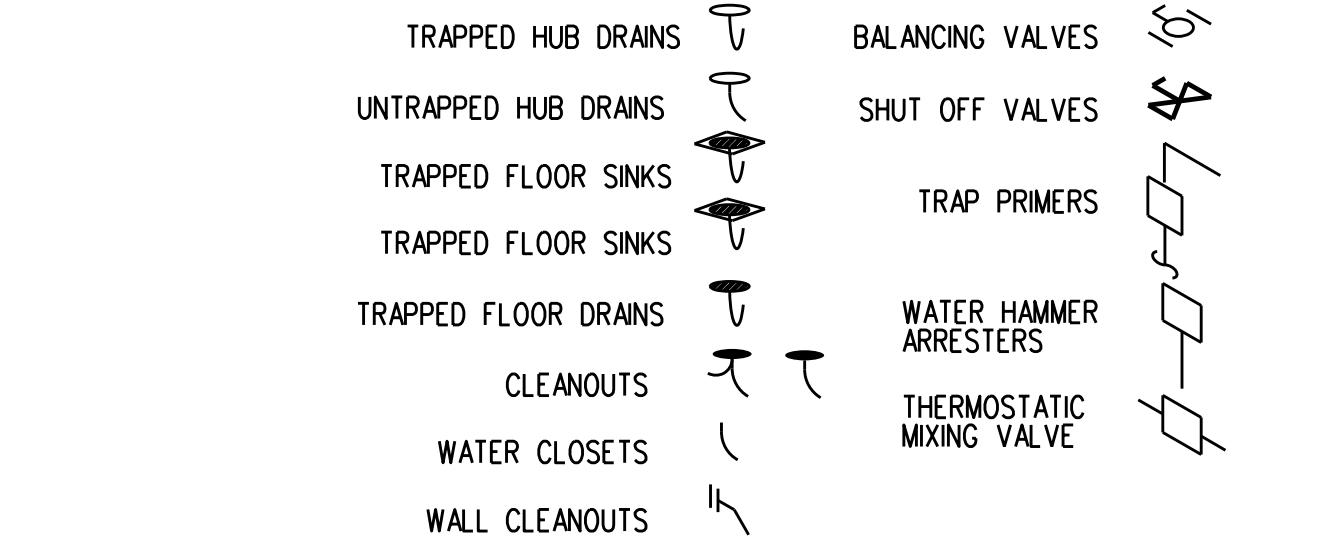


B6 PLAN OF CEILING PANEL AT WATER VALVE
P-1 NOT TO SCALE

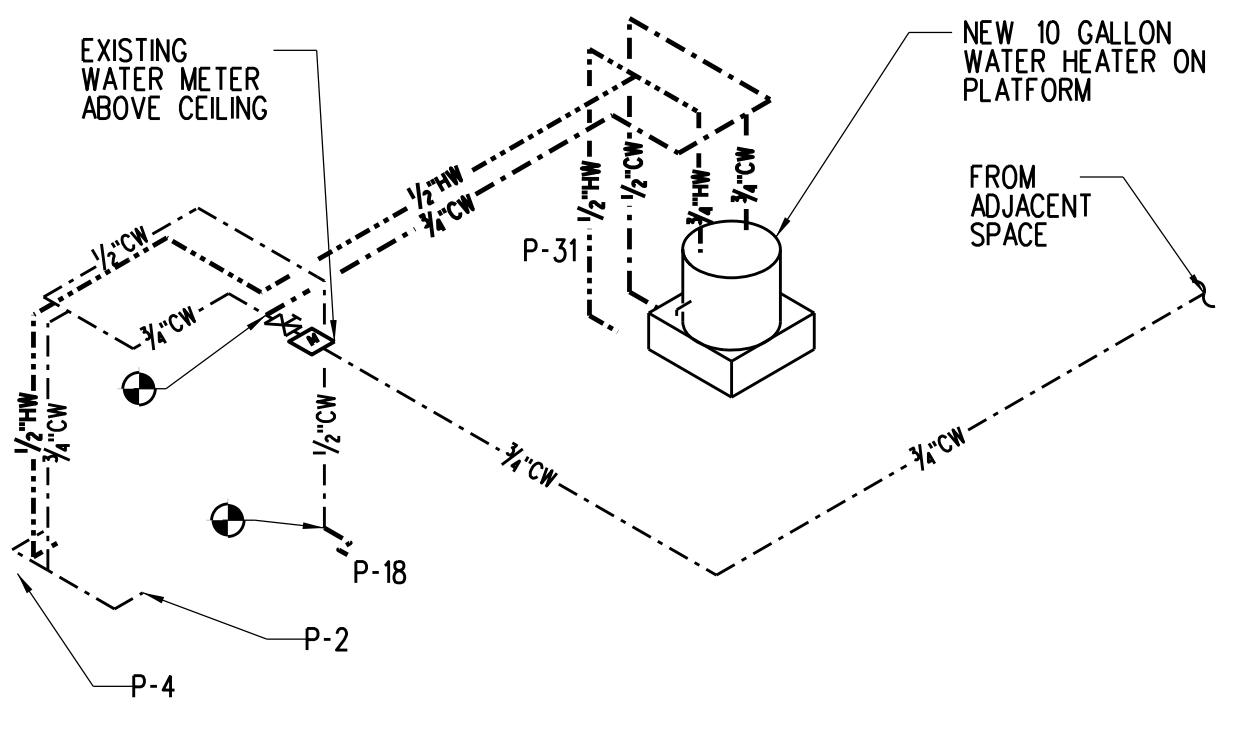


A1 WATER HEATER DETAIL
P-1 NOT TO SCALE

ISOMETRIC FIXTURE LEGEND

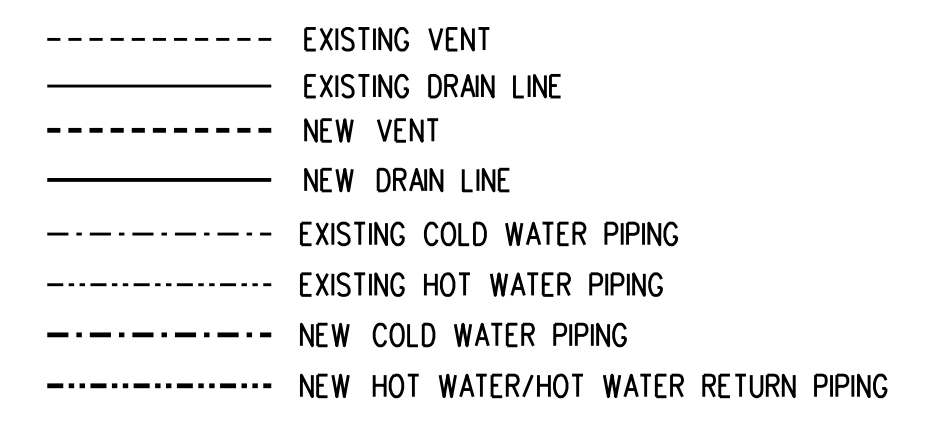


A2 SANITARY ISOMETRIC
P-1 NOT TO SCALE

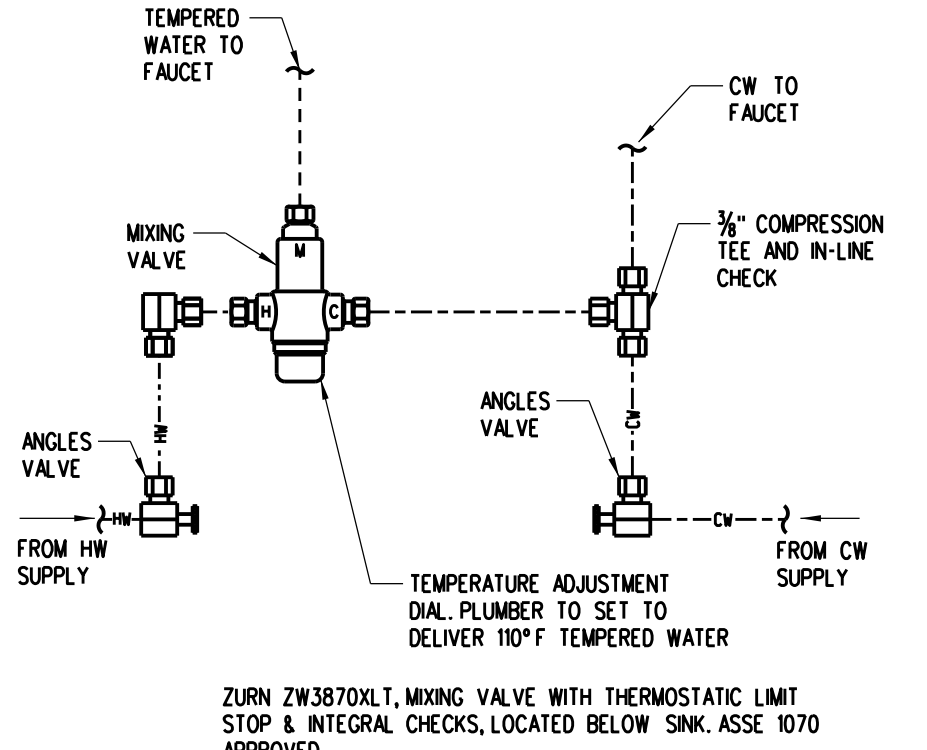


A3 WATER SUPPLY ISOMETRIC
P-1 NOT TO SCALE

ISOMETRIC LINE LEGEND

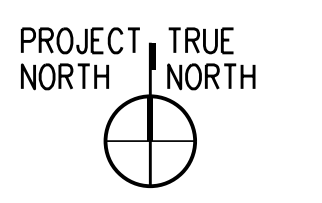
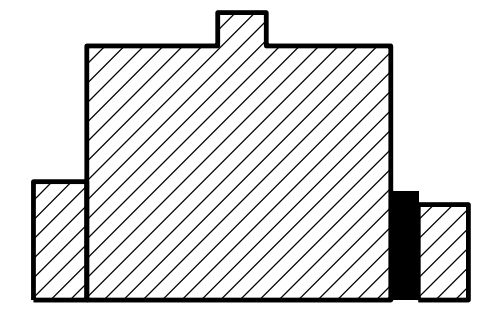


WATER HAMMER ARRESTOR SCHEDULE		
TAG	MODEL NO.	FIXTURE UNITS
A	5005	1-11



A4 BELOW SINK THERMOSTATIC MIXING VALVE DETAIL
P-1 NOT TO SCALE

A5 NOT USED
P-1 NOT TO SCALE



DEMOLITION NOTES:

- ① REMOVE PIPING DOWNSTREAM OF CAP AS SHOWN.
- ② REMOVE PLUMBING FIXTURE AND ANY EXPOSED PLUMBING.

GENERAL NOTES:

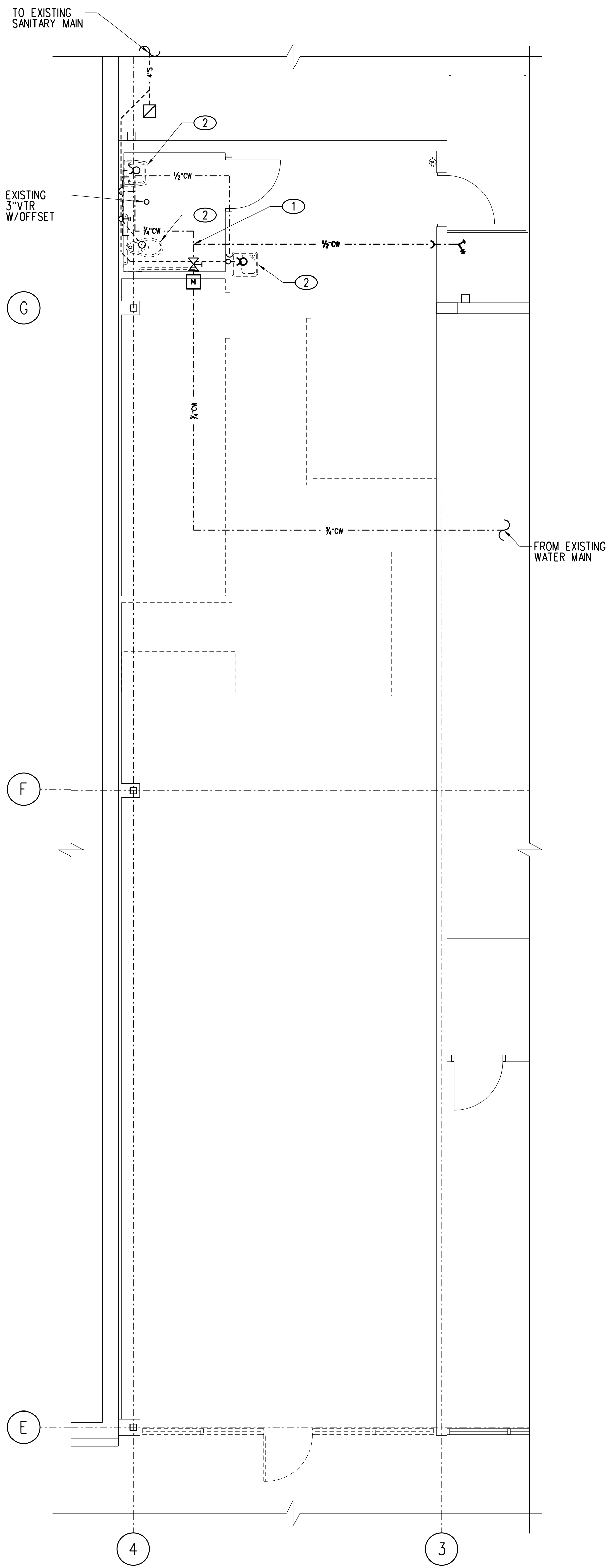
- A. FIELD VERIFY LOCATION OF ALL EXISTING GAS, WATER AND WASTE PIPING.
- B. REMOVE ANY UNUSED HUB DRAINS. REFER TO ARCHITECTURAL DRAWINGS FOR FLOOR PATCHING DETAILS.
- C. REMOVAL OF DRAIN PIPING SHALL FORM NO DEAD END.
- D. ALL EXPOSED PLUMBING SHALL BE DEMO'D BACK TO WALL CONNECTION AND CAPPED INSIDE WALL UNLESS POINT OF CONNECTION TO BE REUSED. CONNECTIONS TO BE REUSED SHALL BE RELOCATED IN WALL AS NECESSARY FOR NEW CONNECTION.

SHEET NOTES:

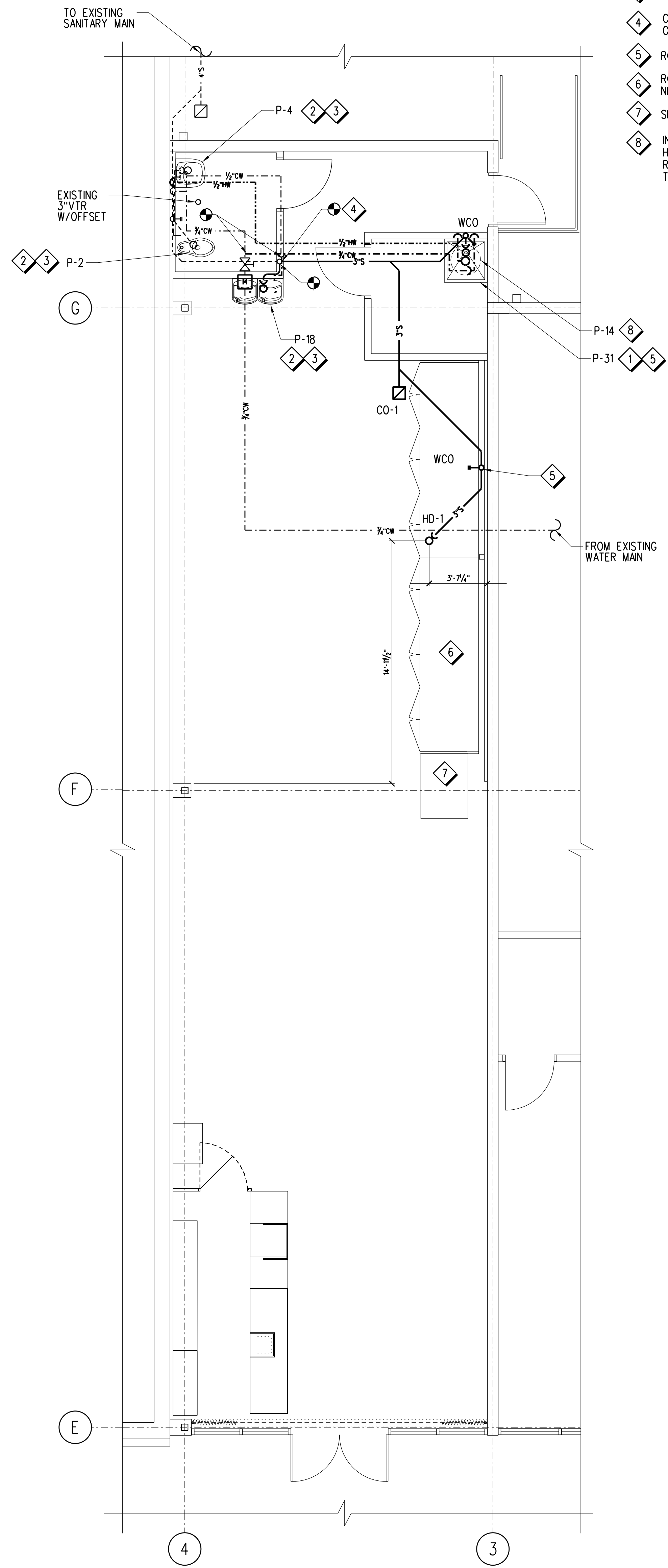
- ① INSTALL NEW PLUMBING FIXTURE AND CONNECT TO NEW PLUMBING AS NECESSARY.
- ② INSTALL NEW PLUMBING FIXTURE AND CONNECT TO EXISTING PLUMBING AS NECESSARY.
- ③ SEE ACCESSIBILITY DETAILS IN ARCHITECTURAL DRAWINGS FOR PROPER FIXTURE INSTALLATION.
- ④ CONNECT TO EXISTING SANITARY LINE. FIELD VERIFY EXACT LOCATION OF SANITARY MAIN PRIOR TO START OF ANY DEMOLITION WORK.
- ⑤ ROUTE NEW 2" VENT FROM FIXTURE AND CONNECT TO NEAREST NEW VTR.
- ⑥ ROUTE NEW CONDENSATE DRAIN TO NEAREST EXISTING OR NEW HUB DRAIN. SEE DETAILS B3-B5, SHEET P-1.
- ⑦ SELF-CONTAINED ICE MACHINE, NO PLUMBING REQUIRED.
- ⑧ INSTALL NEW 10 GALLON ELECTRIC WATER HEATER. MOUNT WATER HEATER ON DRAIN PAN ABOVE MOP SINK. CONNECT TO NEW PLUMBING. ROUTE PRESSURE AND TEMPERATURE RELIEF LINE ALONG WALL AND TERMINATE 3" ABOVE MOP SINK. SEE DETAIL A1, SHEET P-1.

GENERAL NOTES:

- A. REFERENCE SHEET M-4 FOR APPLICABLE DETAILS.
- B. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND NOTIFY ARCHITECT/ENGINEER OF ANY VARIANCES FROM EXISTING CONDITIONS SHOWN.
- C. REFER TO ELECTRICAL, MECHANICAL, STRUCTURAL AND REFRIGERATION DOCUMENTS FOR ADDITIONAL DEMOLITION ASSOCIATED WITH THOSE DISCIPLINES.



A1 PLUMBING DEMOLITION PLAN
P-2
0 2 4 8 12'
1/4" = 1'-0"



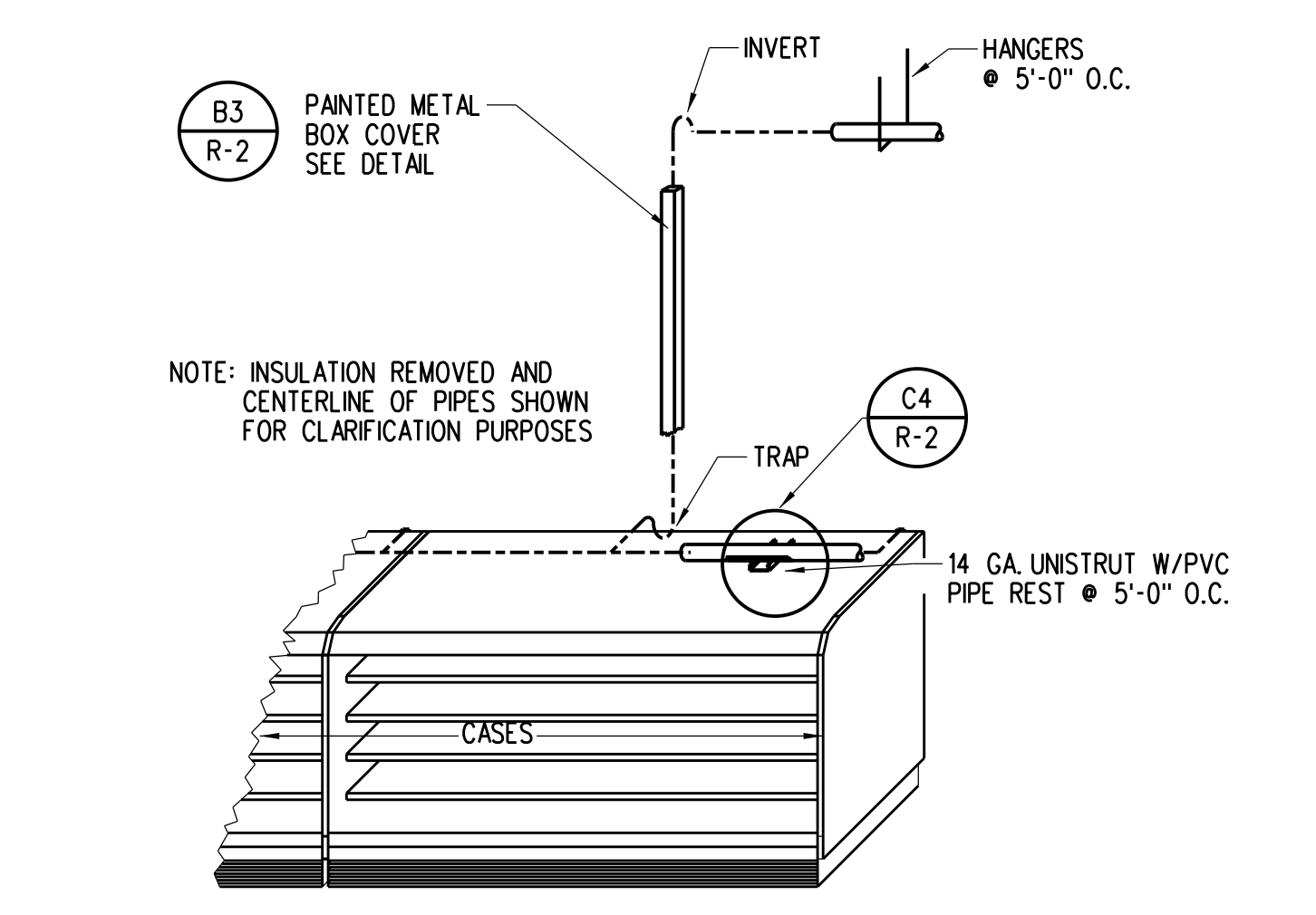
A3 PLUMBING PLAN
P-2
0 2 4 8 12'
1/4" = 1'-0"

SHEET NOTES:

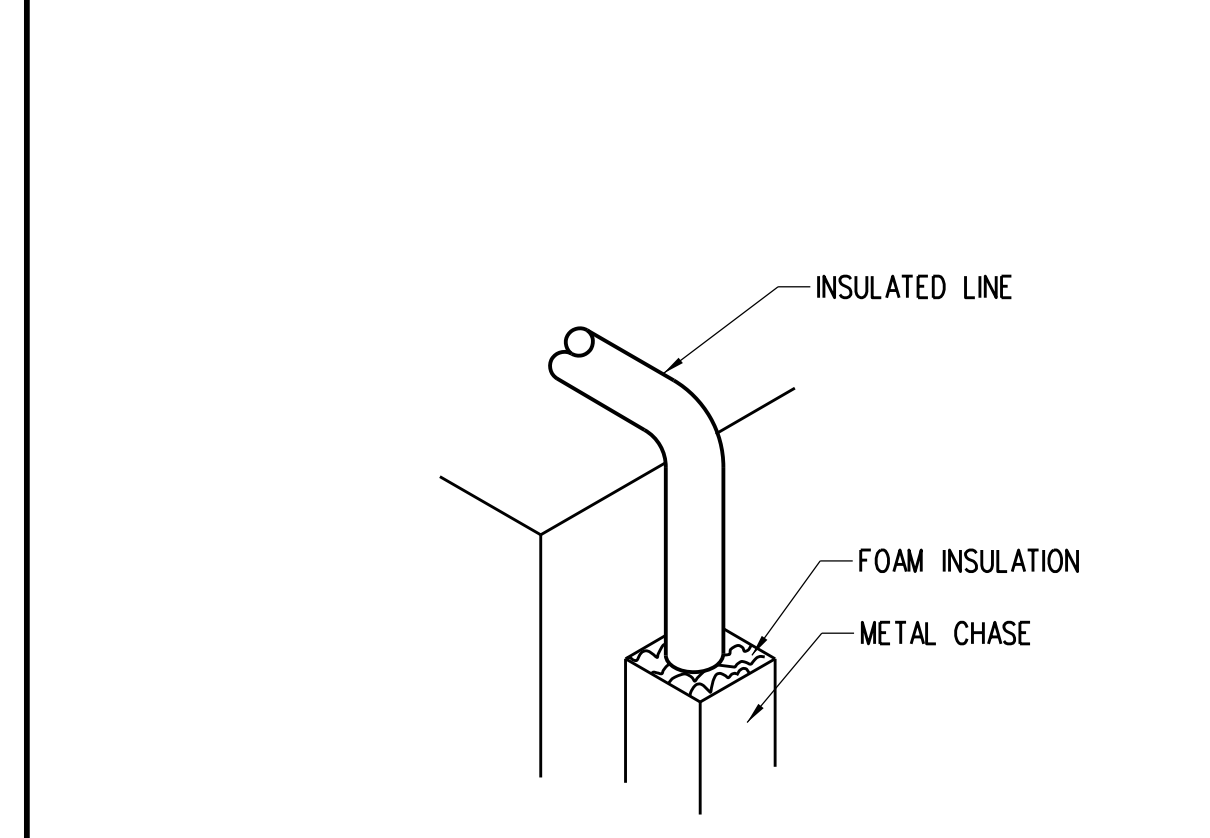
- 1 CONNECT NEW REFRIGERATION LINES TO UNIT MANIFOLD. SEE SHEET R-1 FOR LINE SIZES.
- 2 REFRIGERATION PIPING SHALL BE ROUTED DOWN THROUGH PIPING CHASE. SEE ARCHITECTURAL SHEETS FOR PIPE DROP LOCATION. SEE THIS SHEET FOR CHASE DETAILS.
- 3 ROUTE NEW REFRIGERATION PIPING THROUGH NEW PIPE CHASE INCLUDED WITH NEW EQUIPMENT PLATFORM. SEE STRUCTURAL DRAWINGS FOR LOCATION.
- 4 NEW INDIVIDUAL UNIT MOUNTED ON NEW EQUIPMENT PLATFORM CURB PROVIDED BY AES INDUSTRIES, (334) 283-6578. REFER TO SCHEDULE SHEET R-1 FOR CONDENSING UNIT MODEL NUMBER AND COORDINATE WITH AES INDUSTRIES TO PROVIDE CORRESPONDING CURB. FIELD VERIFY LOCATION. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR APPROVAL OF PLATFORM CURB PRIOR TO START OF ANY ROOF WORK. SEE DETAIL B3, SHEET R-1 FOR REFERENCE.
- 5 INSTALL NEW EQUIPMENT A MINIMUM OF 10' FROM ROOF EDGE.
- 6 SELF-CONTAINED UNIT, REFRIGERATION NOT REQUIRED.

GENERAL NOTES:

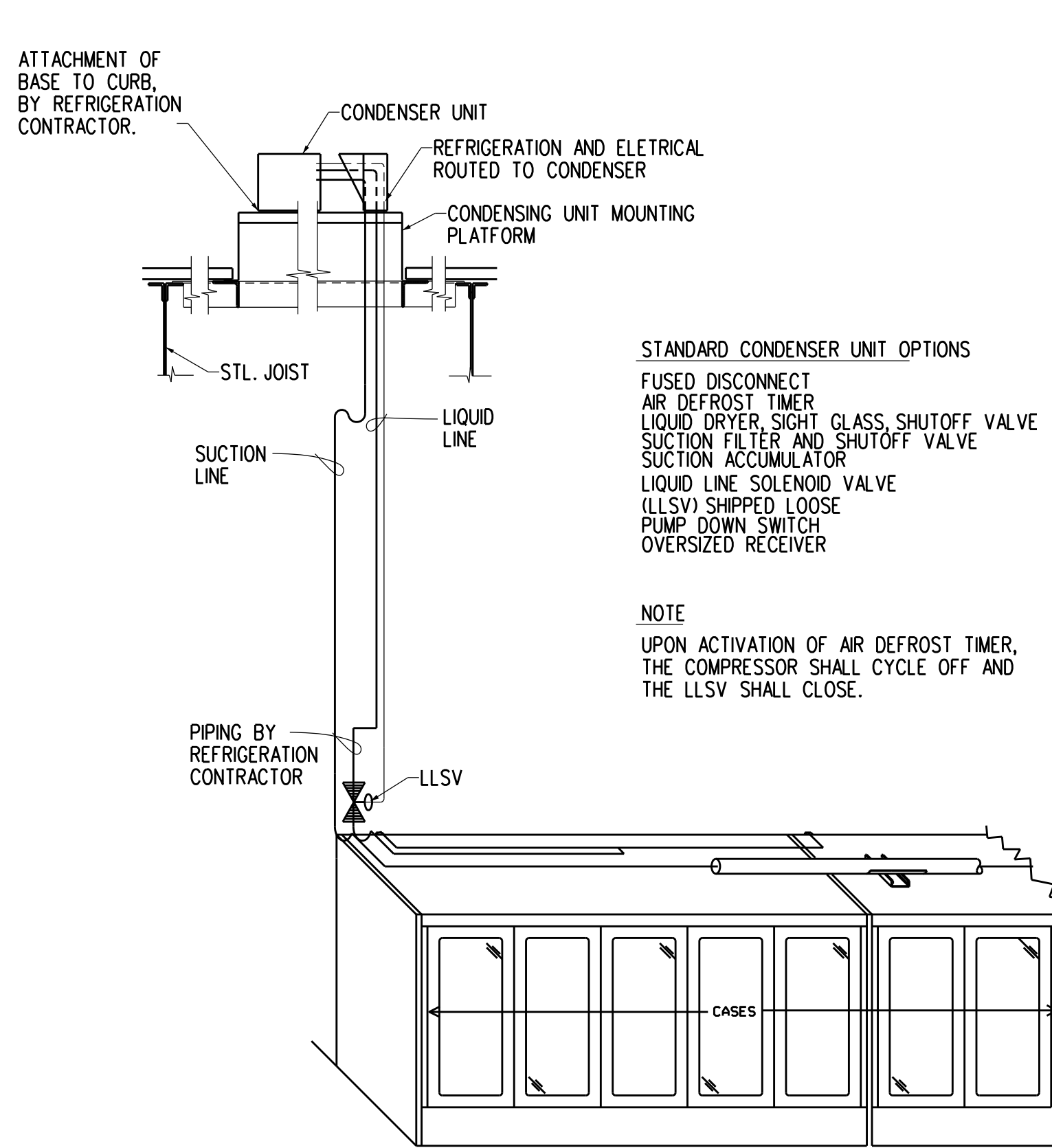
- A. ALL REFRIGERATION CURB CAPPING AND ROOF PATCHING SHALL BE PERFORMED BY ROOFING CONTRACTOR.
- B. REFRIGERATION CONTRACTOR IS RESPONSIBLE FOR CONSULTING ENGINEERING DRAWINGS TO DETERMINE IF SCOPE OF WORK REQUIRES ROOFTOP REFRIGERATION BENCHES TO BE RAISED.



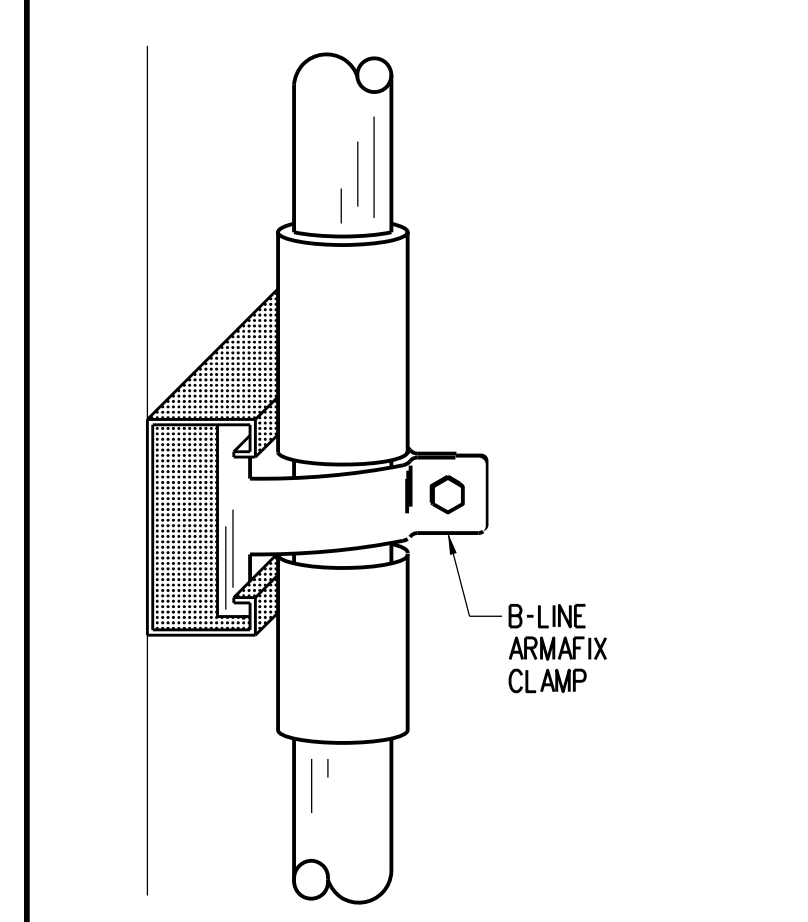
E3 TYPICAL BEVERAGE CASE DETAIL
R-2 NOT TO SCALE



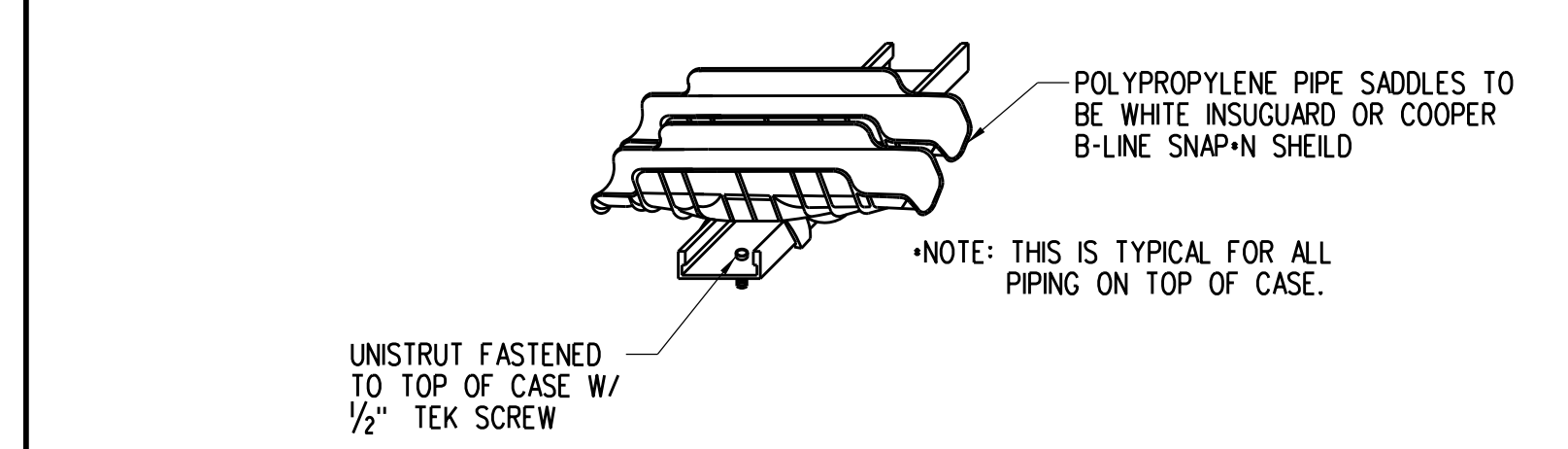
E4 FOAM INSULATION AT BACK OF CASE
R-2 NOT TO SCALE



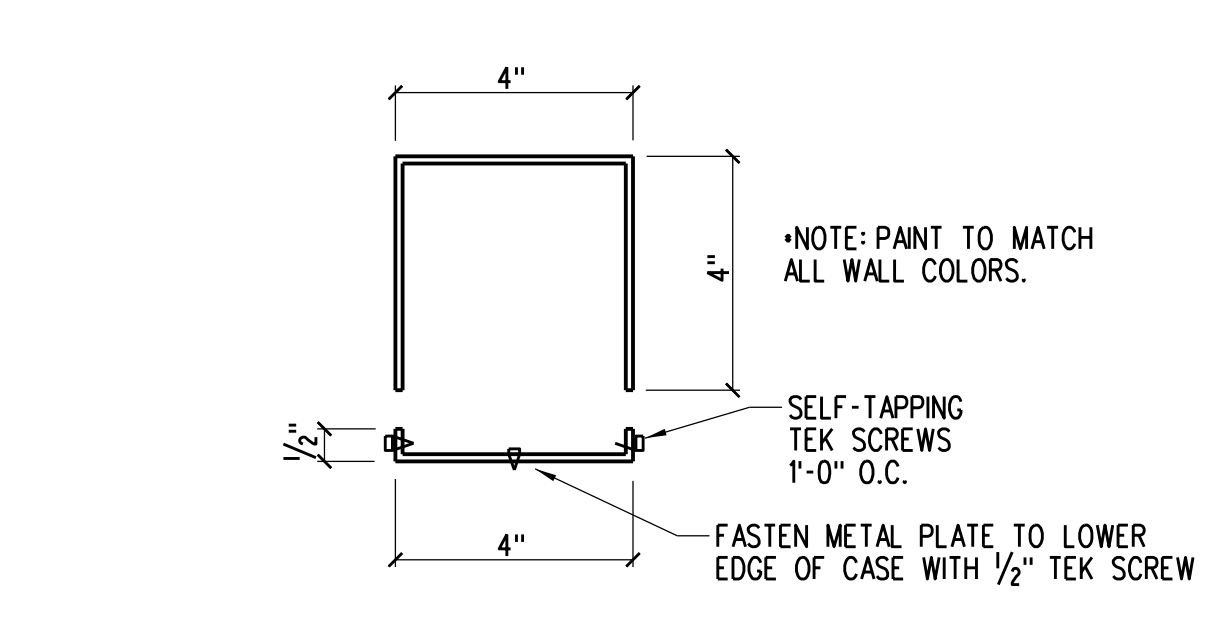
C3 INDIVIDUAL UNIT PIPING DETAIL
R-2 NOT TO SCALE



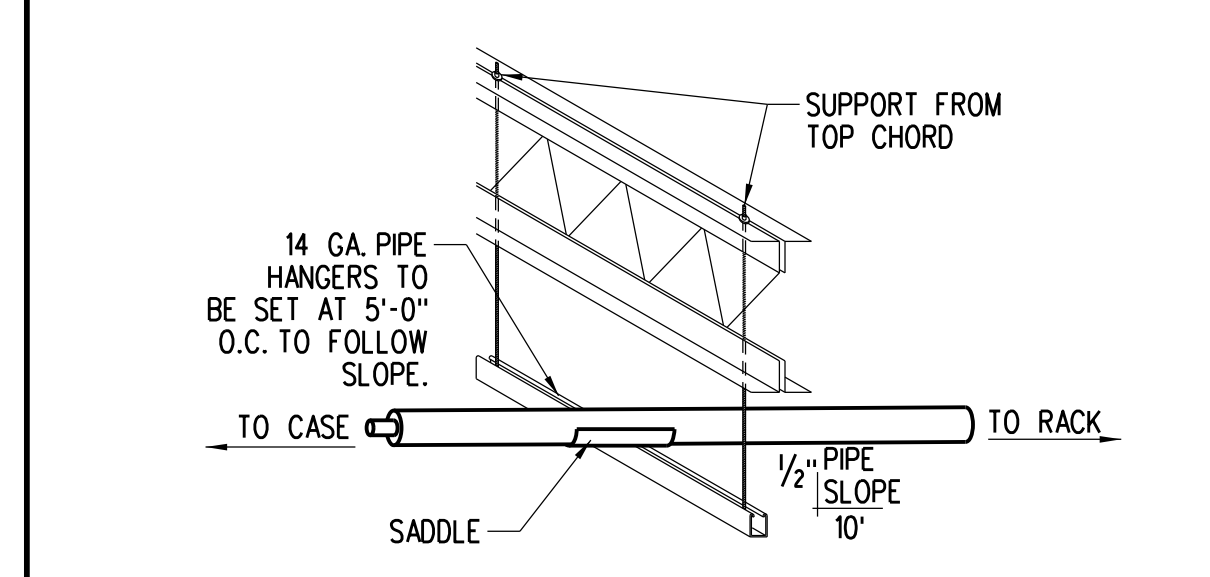
D4 TYPICAL VERTICAL WALL CLAMP DETAIL
R-2 NOT TO SCALE



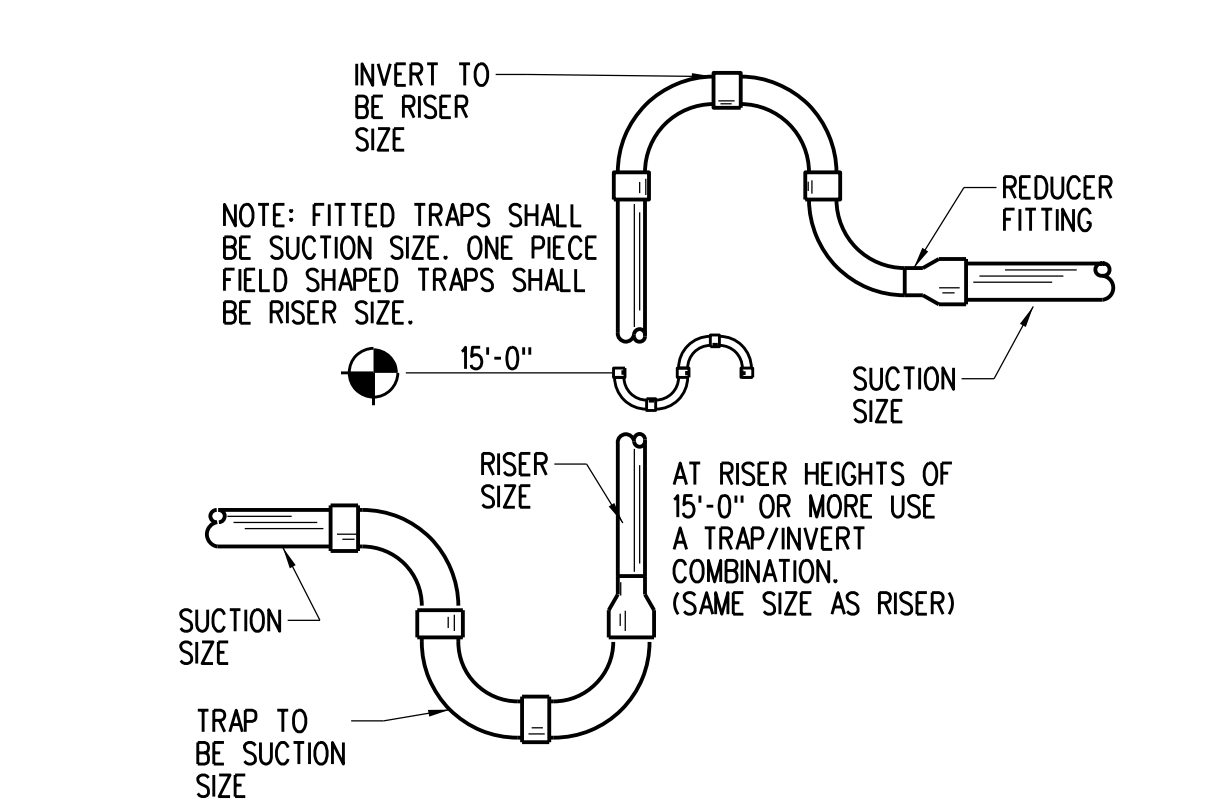
C4 TYPICAL PIPE SUPPORT
R-2 NOT TO SCALE



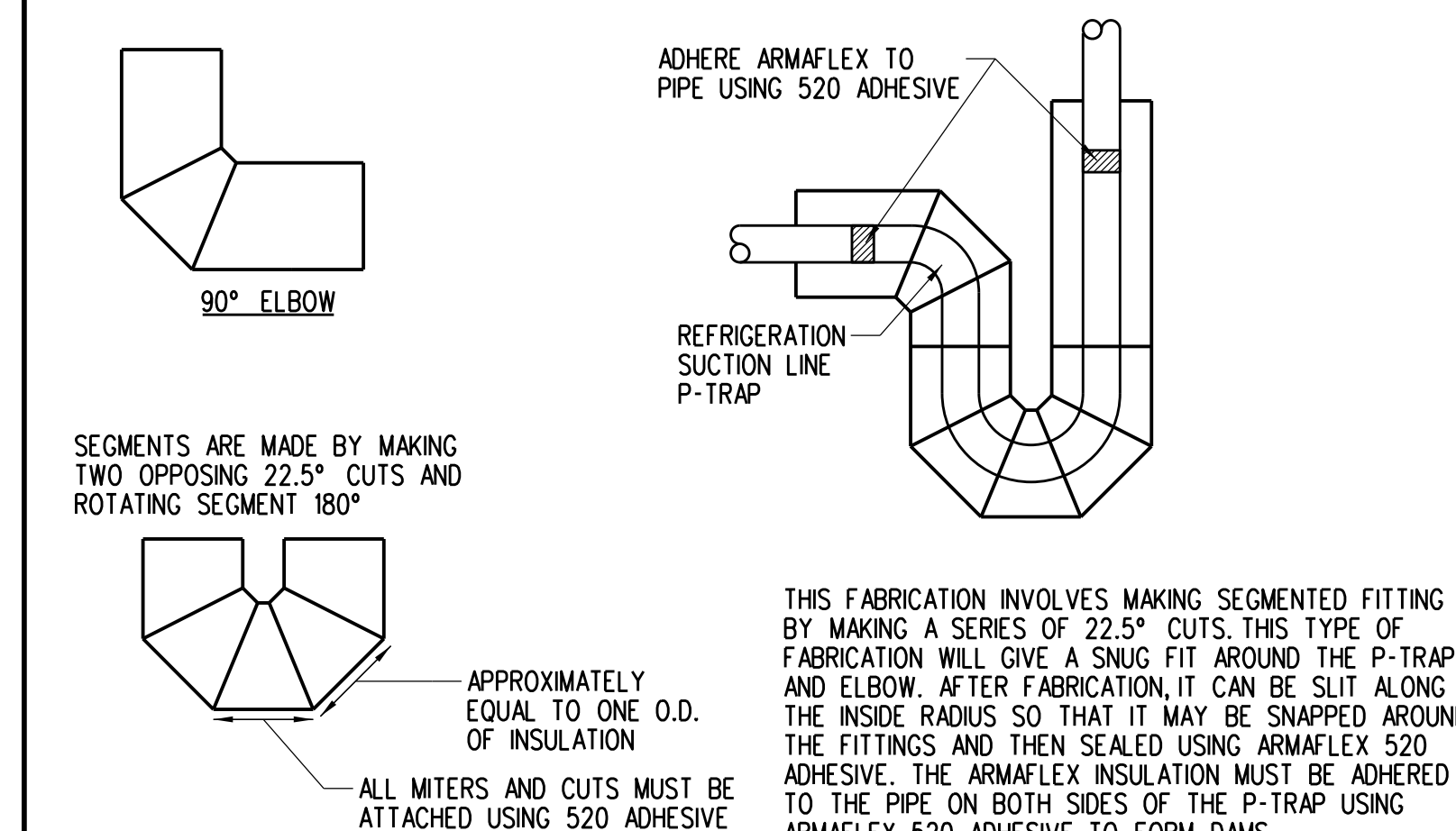
B3 PAINTED METAL BOX COVER
R-2 NOT TO SCALE (BY GENERAL CONTRACTOR)



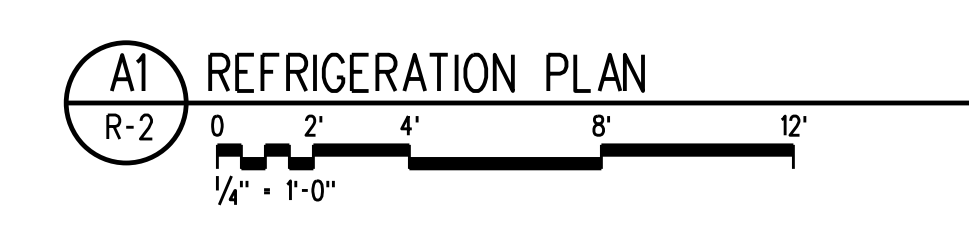
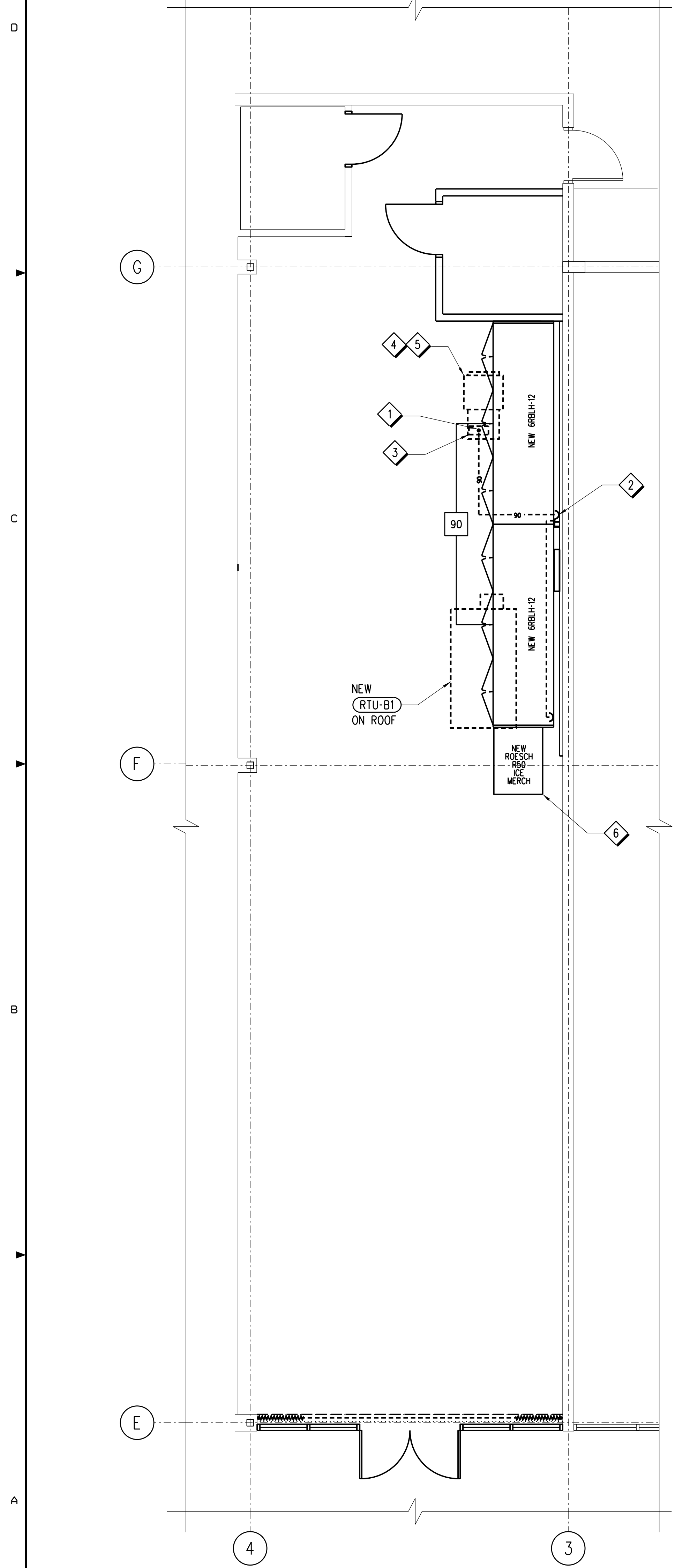
B4 TYPICAL REFRIGERATION PIPE SLOPE DETAIL
R-2 NOT TO SCALE



A3 TYPICAL TRAP AND INVERT
R-2 NOT TO SCALE



A4 SUCTION LINE P-TRAP & 90° MITER DETAIL
R-2 NOT TO SCALE



SHEET NOTES:

- 1. EXTEND OR CUT BACK EXISTING DROP (IF NECESSARY) DUE TO NEW CEILING INSTALLATION AND REINSTALL EXISTING PENDENT SPRINKLER. REPLACE ALL HEADS OR ESCUTCHEONS THAT HAVE CORRODED. MATCH EACH REPLACEABLE COMPONENT TO EXISTING CONDITIONS.
- 2. RELOCATE EXISTING PENDENT SPRINKLER AS SHOWN. REPLACE HEAD OR ESCUTCHEON THAT HAVE CORRODED. MATCH EACH REPLACEABLE COMPONENT TO EXISTING CONDITIONS.
- 3. INSTALL MECHANICAL TEE ONTO EXISTING BRANCH LINE AND ADD A NEW PENDENT SPRINKLER AS SHOWN.

1. ALL NEW BRANCH LINES ARE TO BE THE SAME SIZE AND TYPE AS EXISTING BRANCH LINES.

2. THE INTENT OF THESE FIRE PROTECTION LAYOUT DRAWINGS IS TO ASSIST THE AUTHORITY HAVING JURISDICTION IN UNDERSTANDING THE OWNER'S INTENDED USE AND THE PROPOSED PROTECTION OF THE BUILDING AND TO PROVIDE SUFFICIENT DIRECTION TO THE INSTALLATION CONTRACTOR REGARDING THE LAYOUT OF THE SYSTEM. FIRE SPRINKLER INSTALLATION CONTRACTOR SHALL PROVIDE SYSTEM DRAWINGS UNDER A SEPARATE PERMIT.

3. FIRE SPRINKLER SYSTEM ALTERATION DOES NOT EXCEED THE THRESHOLD OF 49 SPRINKLER HEADS IN THE 2020 FLORIDA BUILDING CODE 105.3.1.2 AND SHALL BE DESIGNED BY THE CONTRACTOR AS AUTHORIZED BY CHAPTER 633 FLORIDA STATUTES AND FLORIDA ADMINISTRATIVE CODE CHAPTER 61G15-32.

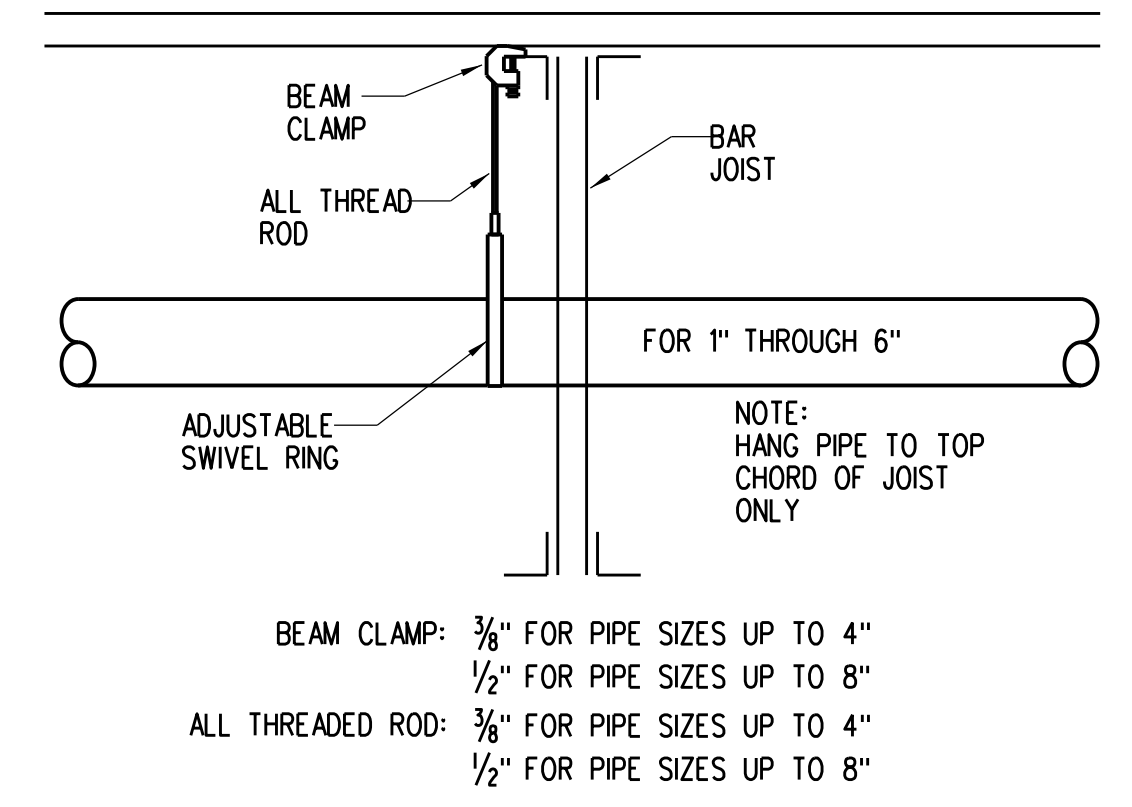
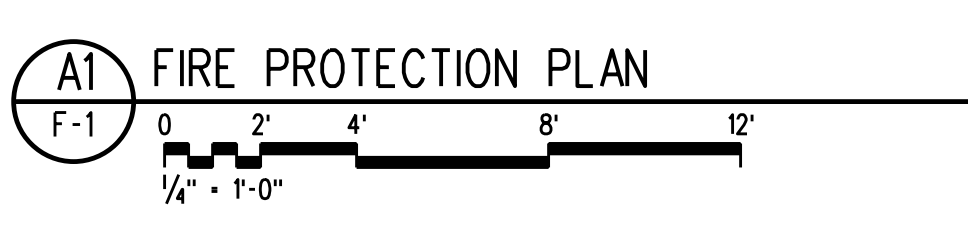
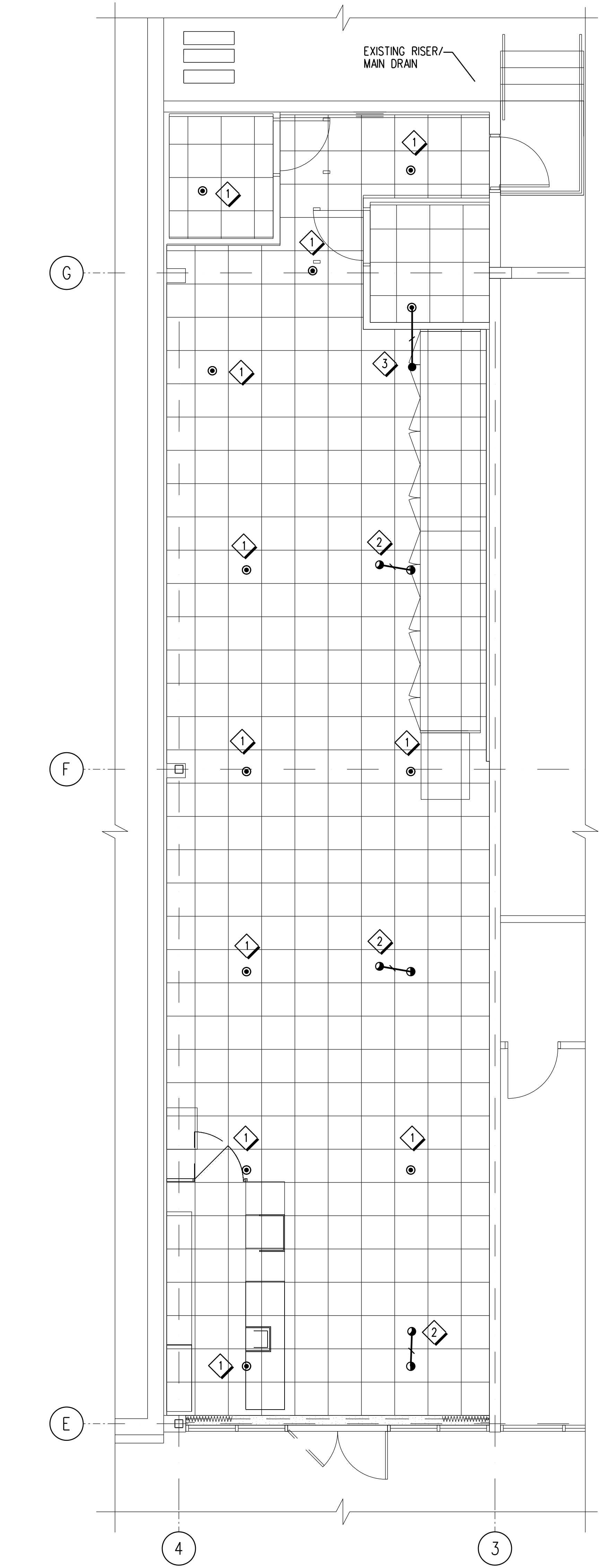
4. FIRE SPRINKLER CONTRACTOR SHALL PROVIDE FIRE PROTECTION SYSTEM ENGINEERING DOCUMENTS WHEN REQUIRED AND PURSUANT WITH THE REQUIREMENTS LAYED OUT IN THE 61G15-30.

FIRE SPRINKLER LEGEND

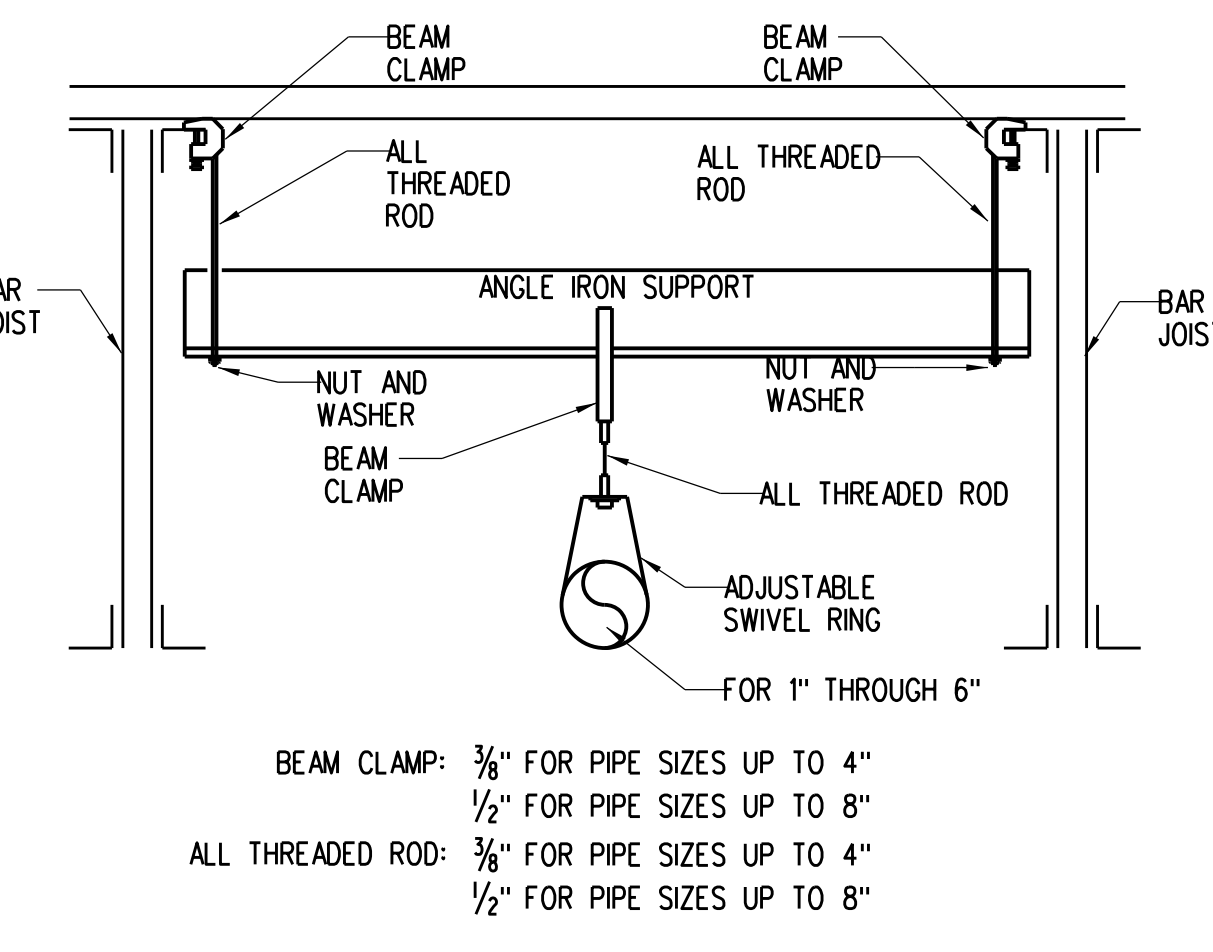
- EXISTING PENDENT SPRINKLER TO REMAIN
- EXISTING PENDENT SPRINKLER TO BE RELOCATED
- RELOCATED EXISTING PENDENT SPRINKLER
- NEW PENDENT SPRINKLER
- EXISTING SPRINKLER PIPE
- - - EXISTING END CAP
- NEW SPRINKLER PIPE
- NEW PIPE HANGER
- ◇ SHEET NOTE POINT

DESIGN SUMMARY
ALL NUMBERS ARE APPROXIMATE VALUES

HEADS REPLACED: 0
HEADS RELOCATED: 3
HEADS ADDED: 1
HEADS REMOVED: 0
NET CHANGE: 1
TO STORE

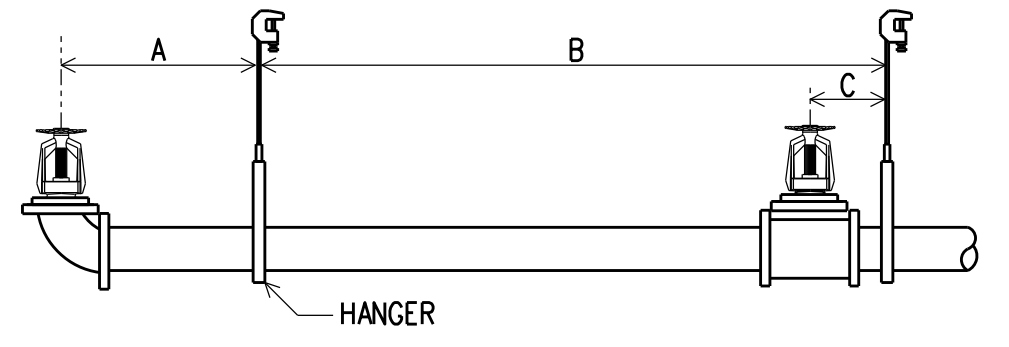


D3 PIPE HANGER DETAIL
F-1 NOT TO SCALE

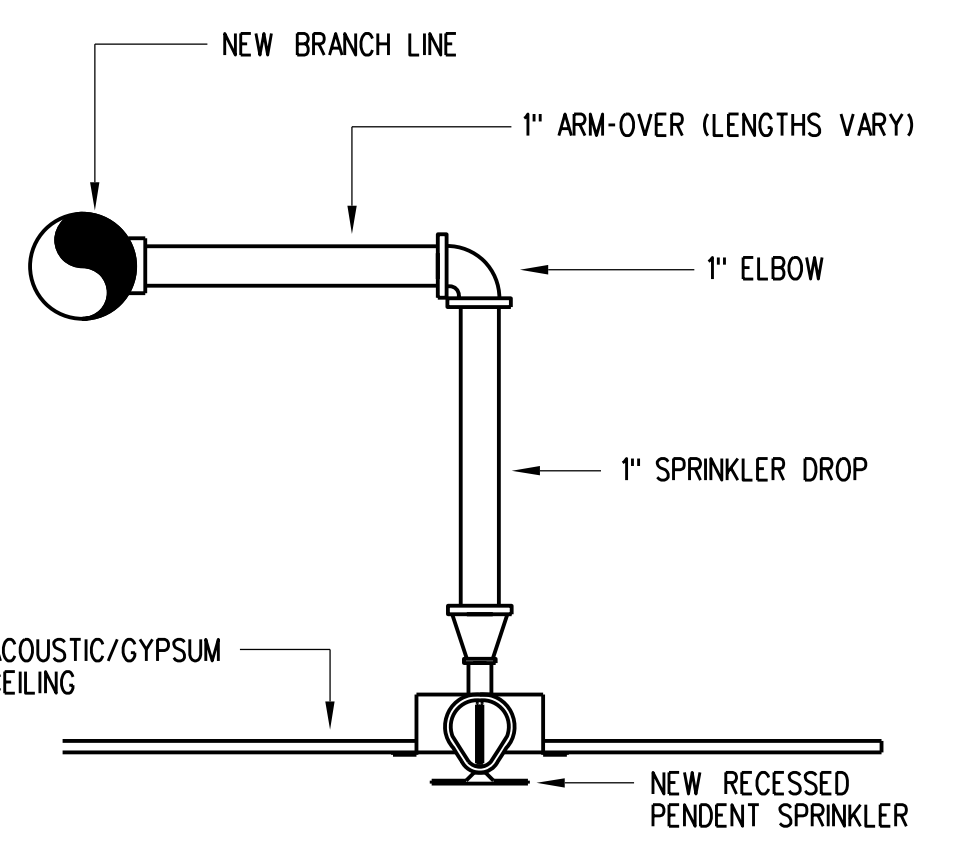


C3 TRAPEZE HANGER DETAIL
F-1 NOT TO SCALE

STEEL PIPE HANGER LOCATION DETAIL			
PIPE SIZE	A	B	C
1"	3'-0" MAX	12'-0" MAX	3" MIN
1/4"	4'-0" MAX	12'-0" MAX	3" MIN
1/2"- 8"	5'-0" MAX	12'-0" MAX	3" MIN



B3 PIPE HANGER SCHEDULE
F-1 NOT TO SCALE



A3 PENDENT FIRE SPRINKLER DETAIL
F-1 NOT TO SCALE

FIRE SPRINKLER GENERAL NOTES

1. DESIGN SHALL BE BASED ON NFPA 13 ORDINARY HAZARD GROUP 2 AND FACTORY MUTUAL.
 2. ALL MATERIALS, FABRICATION AND INSTALLATION TO BE IN ACCORDANCE WITH THE LATEST EDITION OF NFPA 13 AND ANY OTHER APPLICABLE CODES.
 3. FIRE SPRINKLER CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS BEFORE ANY BIDDING, FABRICATION AND INSTALLATION HAS BEGUN.
 4. FIRE SPRINKLER CONTRACTOR SHALL ALSO COORDINATE WORK WITH OTHER TRADES THAT MAY COME INTO CONFLICT BEFORE ANY INSTALLATION.
 5. SPRINKLER HEADS SHALL BE AS FOLLOWS: PENDENT SPRINKLERS SHALL BE WHITE 1/2" ORIFICE WITH 1/2" THREADED OUTLET, 155°F AND 5.6 K-FACTOR WITH RECESSED ESCUTCHEONS EQUAL TO THE RELIABLE MODEL "FF" SPRINKLER.
- THE FOLLOWING MANUFACTURERS SHALL BE USED:
- A. THE VIKING CORPORATION FOR ALL DRY PENDENT SPRINKLERS
 - B. GRINNELL SPRINKLER CORPORATION
 - C. THE RELIABLE SPRINKLER CORPORATION, INC.
 - D. TYCO
6. ALL PIPING 2 1/2" OR LARGER TO BE SCHEDULE 10 BLACK PIPE. ALL PIPING 2" OR SMALLER TO BE SCHEDULE 40 BLACK THREADABLE PIPE.
 7. ALL FITTINGS FOR SCHEDULE 10 PIPE TO BE WELDED, FLANGED AND/OR GROOVED. ALL FITTINGS FOR SCHEDULE 40 PIPE TO BE THREADED AND/OR GROOVED.
 8. ALL NEW FIRE SPRINKLER COMPONENTS SHALL BE U.L. & F.M. APPROVED.
 9. ALL EXISTING SPRINKLER BRANCH LINES AND CROSS MAINS TO REMAIN U.N.O.
 10. ADJUST SPRINKLER DROPS WHERE APPLICABLE DUE TO NEW CEILING HEIGHT.
 11. FIRE SPRINKLER CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ANY SPRINKLER HEADS AND DROPS NECESSARY FOR DEMOLITION OF ANY KIND.

C4 NOT USED
F-1 NOT TO SCALE

B4 NOT USED
F-1 NOT TO SCALE

A4 NOT USED
F-1 NOT TO SCALE

FOR REFERENCE USE ONLY

Seal

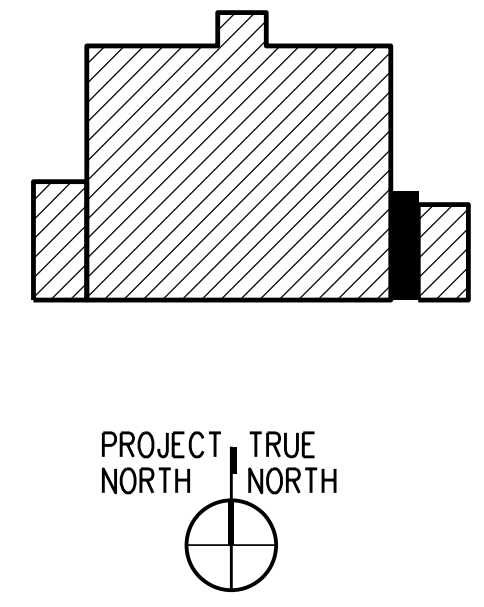
Revision:
Date: By: Description:

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Publix

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PUNTA GORDA, FLORIDA 33950

Key Plan:



Jacobs Project No.: F6-W752-00-0266LS
Drawing Title:

FIRE PROTECTION PLAN, GENERAL NOTES AND DETAILS

Date: 12/20/22
Designed By: C CALDE
Drawn By: C CALDE
Checked By: K CHANG

Drawing No.: **F-1**