

Publix super markets, inc.



**PUBLIX STORE #1013 - PUBLIX WINE AND SPIRITS
 QUESADA COMMONS
 19451 COCHRAN BOULEVARD SUITE 1000
 PORT CHARLOTTE. FLORIDA 33948**

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

EVERGREEN DÉCOR

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

COVER SHEET
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 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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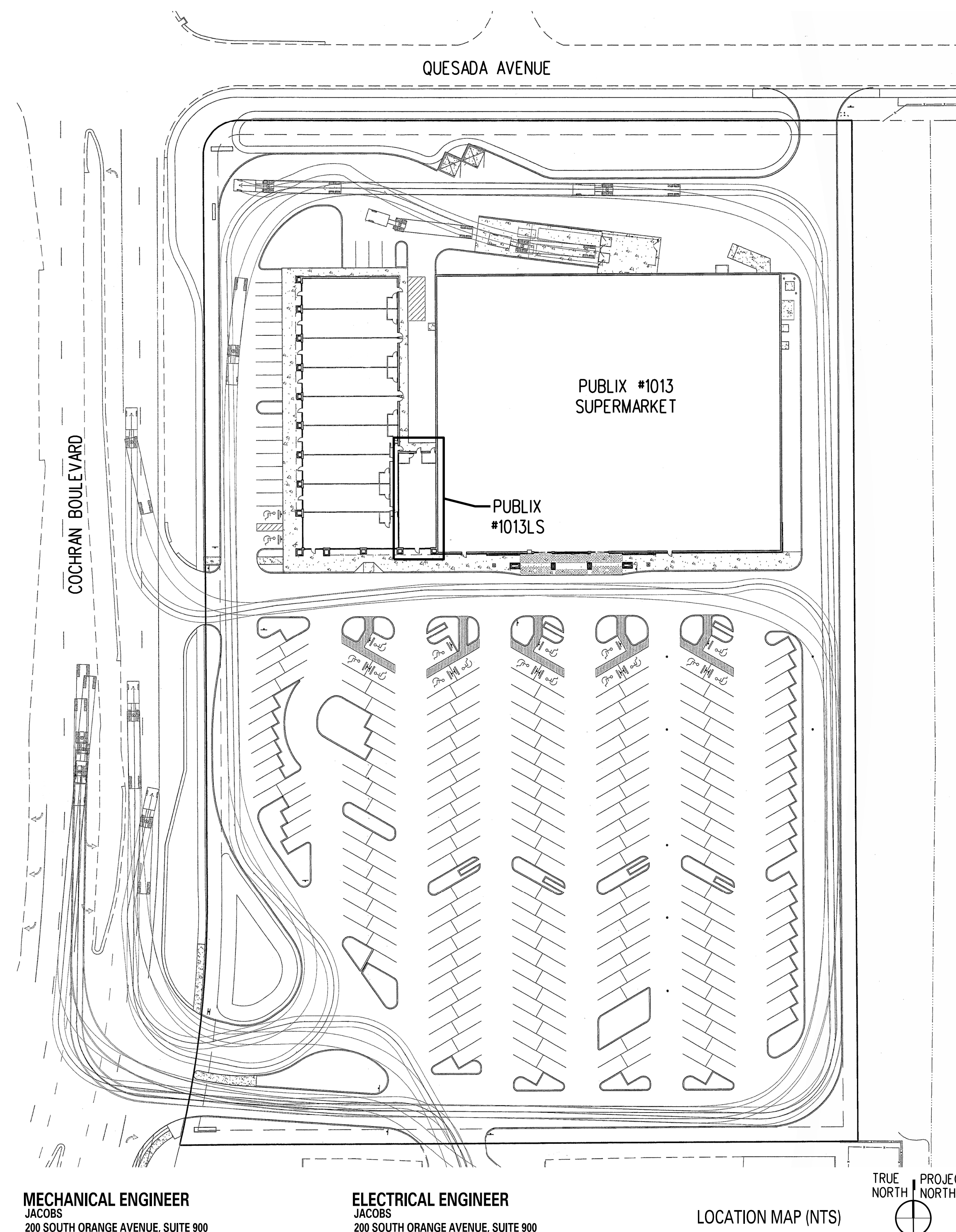
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 F-1 FIRE PROTECTION PLAN, GENERAL NOTES, AND DETAILS



VICINITY MAP (NTS)



LOCATION MAP (NTS)

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 REGISTERED ELECTRICAL ENGINEER: FLORIDA REG. #PE67234
 VALID THRU: 02/28/23

PROFESSIONAL CERTIFICATIONS

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JACOBS Project No.: F6-W752-00-1013LS

**PUBLIX STORE #1013 - PUBLIX WINE AND SPIRITS
 QUESADA COMMONS
 19451 COCHRAN BOULEVARD SUITE 1000
 PORT CHARLOTTE. FLORIDA 33948**

JACOBS
 Florida Architectural Corporation License #AAC001790
 Florida Engineering Certificate Authorization #2822

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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 BULDOZ COMPRISED OF FINISHES, FURNISHINGS, PLUMBING, HVAC, ELECTRICAL, STRUCTURAL, REFRIGERATION AND FIRE PROTECTION.

SPACE GROSS FLOOR AREA:
NEW PUBLIX WINE AND SPIRITS: 1,588 SQ FT.
SPACE GROSS LEASABLE FLOOR AREA
NEW PUBLIX WINE AND SPIRITS: 1,758 SQ FT.

CONSTRUCTION TYPE:
TYPE II-B (FULLY SPRINKLERED)

OCCUPANCY CLASSIFICATION:
GROUP M (MERCANTILE)

FIRE RATING REQUIREMENTS:
EXISTING 4-HR UL-1901 (CSM) TENANT SEPARATION WALL TO BE MAINTAINED AT PLAN EAST AND 1-HR UL-1465 TENANT SEPARATION WALL AT PLAN WEST. REF SHEET A-5 FOR NEW FIRESTOPPING DETAILS.

APPLICABLE BUILDING CODES:
FBC - FLORIDA BUILDING CODE 7th EDITION (2020)
ARCHITECTURAL: FBC BUILDING 7th EDITION (2020)
FBC EXISTING BUILDINGS 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 1020.3.2 AND FFPC 36.2.5.1
MINIMUM CORRIDOR/aisle WIDTH: 44 INCHES FBC SECTION 1020.2 AND FFPC 36.2.5.5
MINIMUM CLEAR OPENING OF EXIT DOORS: 32 INCHES FBC SECTION 1010.1.1 AND FFPC 7.2.12.3

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: 46 OCCUPANTS
BUSINESS AREA: 2 OCCUPANTS
STORAGE AREA: 1 OCCUPANTS
TOTAL OCCUPANT LOAD: 49 OCCUPANTS

MINIMUM MEANS OF EGRESS CAPACITY: (FBC 2020 SECTION 1005.3.2)
REQUIRED:
(TOTAL OCCUPANT LOAD X EGRESS WIDTH PER PERSON SERVED)
49 OCCUPANTS X 0.2 IN/PERSON = 9.8 INCHES

TOTAL MEANS OF EGRESS CAPACITY PROVIDED:
ENTRANCE DOOR: #10A = 33 INCHES
EXIT DOOR: #10D = 45 INCHES
TOTAL: = 78 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: 2

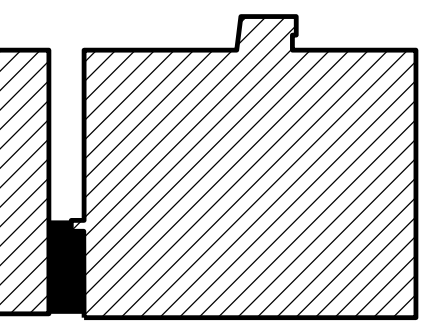
OCCUPANT LOAD CALCULATIONS			
SALES AREA			
Occupant Load Per FBC Table 1004.5 - FBC and/or FFPC Table 7.3.1.2 Sales Area: 30 Gross SF Per Occupant - FFPC most stringent (Occupant Factor O.F.)			
AREA	GROSS SF	O.F.	OCCUPANTS
MERCANTILE: (Grade floor areas open to public)	1377	30	46
BUSINESS AREA			
Minimum Occupant Load Per Table 1004.5 - FBC and/or FFPC Table 7.3.1.2 Business Area: 150 Gross SF Per Occupant (Occupant Factor O.F.)			
AREA	GROSS SF	O.F.	OCCUPANTS
CUSTOMER SERVICE COUNTER AREA AND RESTROOMS:	155	150	2
STORAGE AREA			
Minimum Occupant Load Per Table 1004.5 - FBC Storage Area: 300 Gross SF Per Occupant (Occupant Factor O.F.)			
AREA	GROSS SF	O.F.	OCCUPANTS
STORAGE AREAS: (Not open to public mercantile areas)	56	300	1

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PORT CHARLOTTE, FLORIDA 33948

Key Plan:



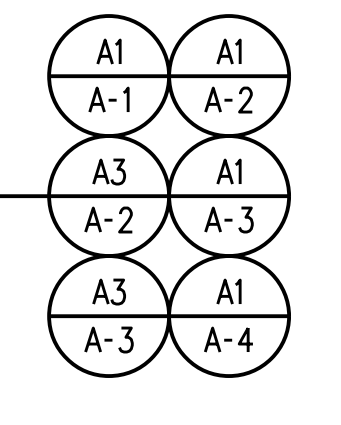
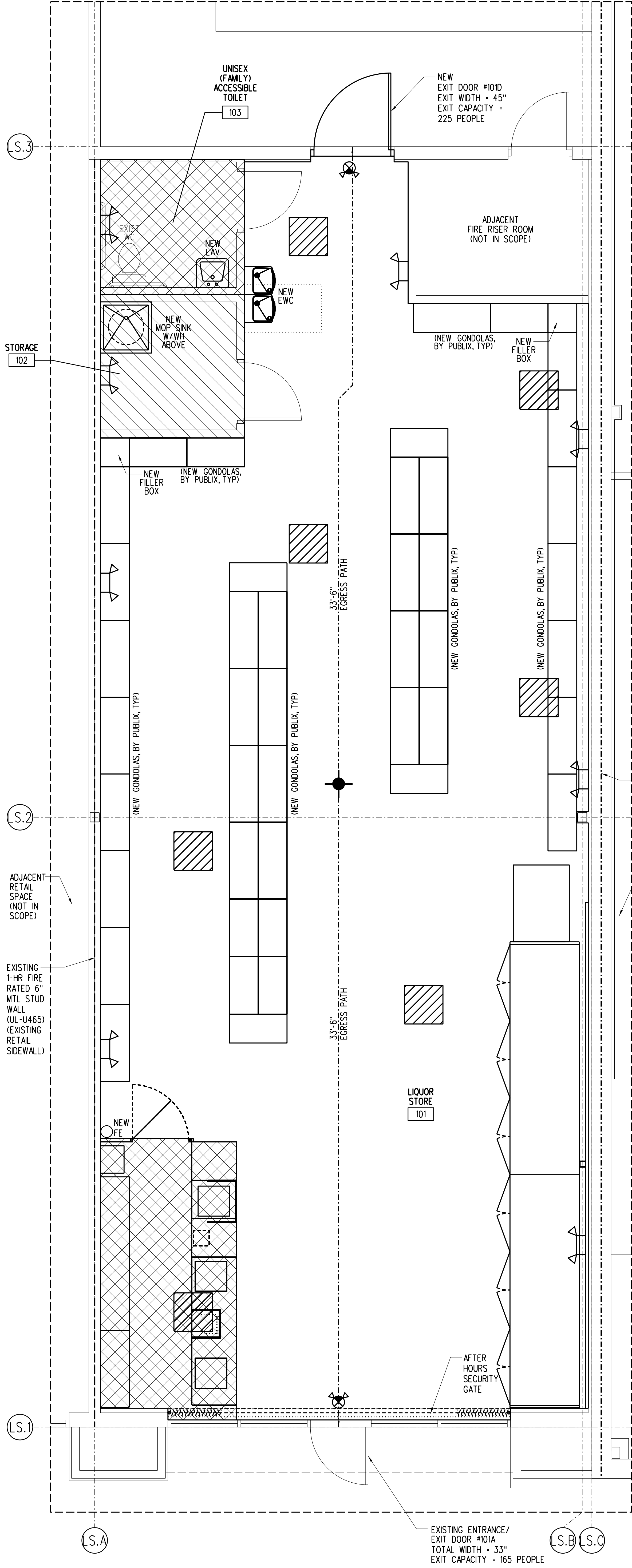
PROJECT TRUE NORTH

EVERGREEN ENVIRONMENT
Jacobs Project No.: F6-W752-00-1013L5
Drawing Title:

CODE REVIEW AND LIFE SAFETY PLAN

Date: 07/22/22
Designed By: P. BEGANY
Drawn By: P. BEGANY
Checked By: M. MATOS

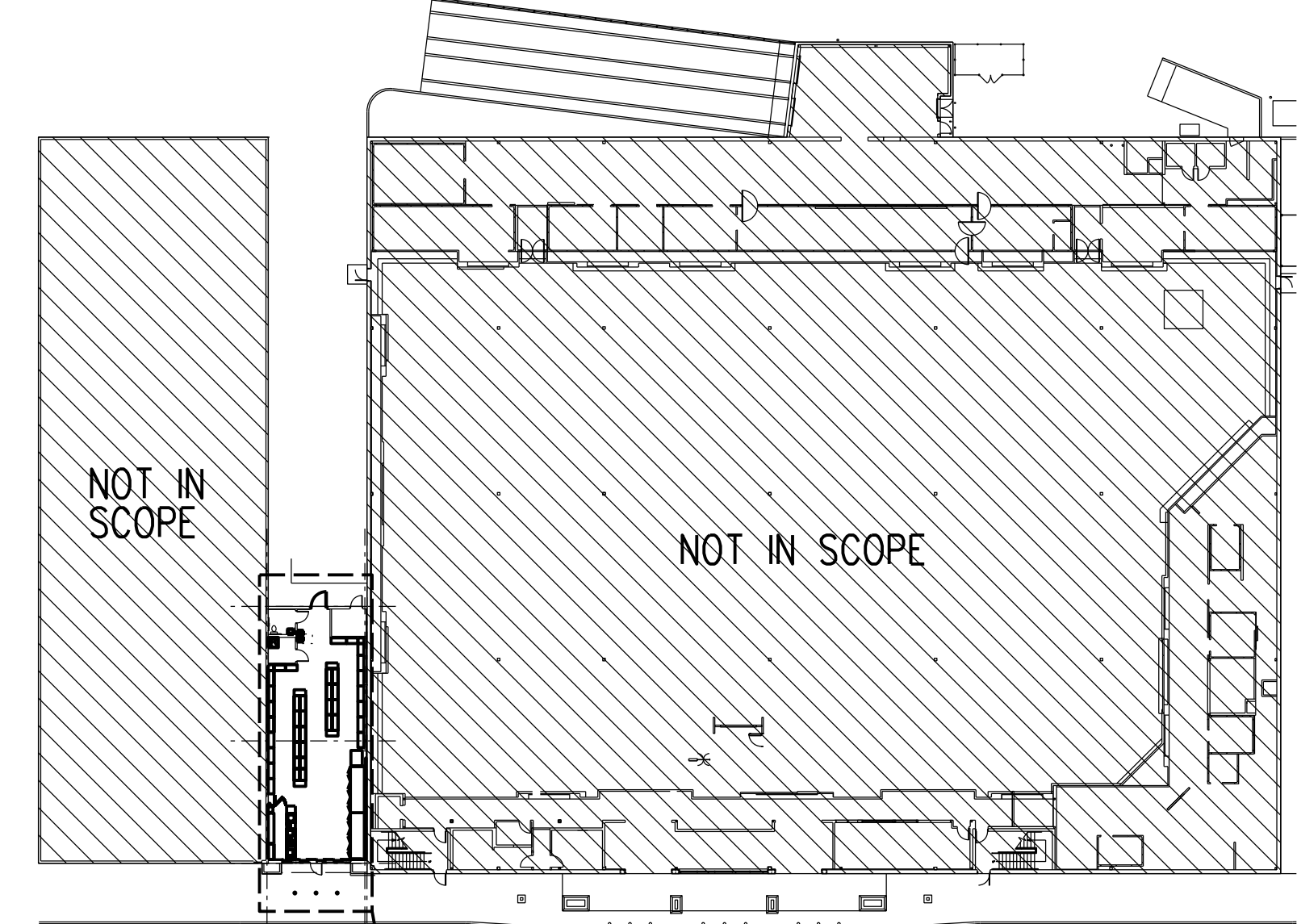
LS-1



AREA OF CONSTRUCTION

LEGEND

- ESTIMATED EGRESS PATH
- NIGHT LIGHT
- EXIT SIGN WITH BATTERY PACK LIGHTS
- BATTERY PACK LIGHTS FIXTURE, "C" MEANS CEILING MOUNTED, OTHERWISE WALL MOUNTED



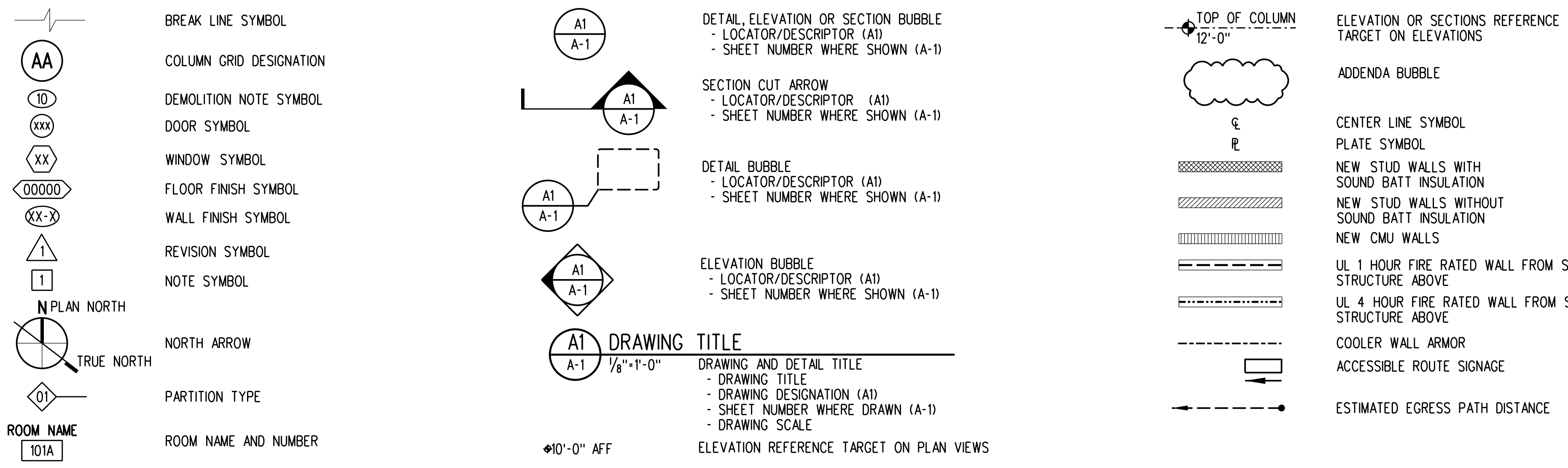
KEY PLAN (NTS)

NOTE: SCOPE OF WORK LIMITED TO LIQUOR STORE.
SUPER MARKET SHOWN FOR OWNERS INTERNAL DOCUMENTATION ONLY.



LS-1 LIFE SAFETY PLAN
DATE: 07/22/22

GENERAL SYMBOLS



GENERAL ABBREVIATIONS

Table of general abbreviations with columns for letters A through Z and their corresponding terms. Includes terms like AIR CONDITIONING, BOARD, BOARDING, BLOCKING, BEAM OR BENCH MARK, BOTTOM OF, BOTTOM OF CONDUIT, BOTTOM OF DUCT, BOTTOM OF FOOTING, BOTTOM OF PIPE, BOTTOM OF STEEL, BOTTOM OF BASE PLATE, BURM, CALCULATE, CATALOG, CATCH BASIN, CUBIC FOOT OR FEET, CUBIC FEET PER HOUR, CUBIC FEET PER MINUTE, CURB INLET OR CAST IRON, CONTROL JOINT, CENTERLINE, CEILING, CLOSET, CLEAR, CORRUGATED METAL PIPE, CONCRETE MASONRY UNIT, CLEAN OUT, COLUMN, CONCRETE, CONSTRUCTION, CONTINUOUS, CONTRACTOR, CORRIDOR, CARPET, CERAMIC TILE, CENTER, CUBIC FOOT OR FEET, CUBIC YARDS, COLD WATER, CUBIC YARDS, DEGREE, DEMOLITION, DETAIL, DRINKING FOUNTAIN, DIAMETER, DIAGONAL, DEAD LOAD, DOWN, DOWNSPOUT, DRAWING, DOWEL, EAST, EACH, EACH FACE, EXTERIOR INSULATION FINISH SYSTEM, EXPANSION JOINT, REFERENCE ELEVATION, ELEVATOR OR ELEVATION, EMERGENCY ENCLOSURE, ENGINEER, ENGINEERING, EDGE OF SLAB, ENVIRONMENTAL PROTECTION AGENCY, EQUAL EQUIPMENT, EACH SIDE, EXPOSED STRUCTURE, ESTIMATE, ET, CETERA, EACH WAY, ELECTRIC WATER COOLER, EX, EXIST, EXTERIOR, DEGREES FAHRENHEIT, FLORIDA BUILDING CODE, FLOOR DRAIN OR FIRE DAMPER, FOUNDATION, FIRE EXTINGUISHER, FIRE EXTINGUISHER CABINET, FAR FACE OR FINISHED FLOOR, FINISHED GRADE, FIRE HYDRANT, FIRE HOSE CABINET, FIGURE, FLOOR, FLEXIBLE, FACTORY MUTUAL, FACE OF, FIBERGLASS REINFORCED POLYESTER PANELS, FIRE RETARDANT TREATED, FOOT OR FEET, FOOTING OR FITTING, FIELD VERIFY, FIRE VALVE CABINET, GAUGE, GALLONS, GALVANIZED, GRADE BEAM OR GRAB BAR, GENERAL CONTRACTOR, GENERAL OR GENERATOR, GALVANIZED HOLLOW METAL, GALVANIZED IRON, GALLONS PER MINUTE, GYPSUM WALLBOARD, GYPSUM, HAZARDOUS, HOSE BIBB, HEAD, HARDWARE, HORIZONTAL, HOLLOW METAL, HIGH POINT OR HORSEPOWER, HOUR, HEIGHT, HEATER, HEATING VENTILATION AND AIR CONDITIONING, INTERNATIONAL BUILDING CODE, INSIDE DIAMETER, INVERT ELEVATION, INCHES, INFORMATION, INTERIOR OR INTERNAL, INVERT, IRON PIPE, JANITOR, EACH JOINT, POUNDS PER SQUARE INCH, KIPS PER SQUARE INCH, LENGTH, LABEL, LATERAL, LAVATORY (IES), POUNDS, LINEAR FEET, LIVE LOAD, LONG LEG HORIZONTAL, LONG LEG VERTICAL, LONGITUDINAL, LAMINATED GLASS, LOW POINT, EXISTING LIGHTING, MAINTENANCE, MATERIAL, MAXIMUM, MECHANICAL, MEDIUM, METAL, MEZZANINE, MANUFACTURING, MANUFACTURER, MANHOLE, THOUSANDTH OF AN INCH, MINIMUM, MISCELLANEOUS, MARK, MILLIMETERS, MASONRY OPENING, MILES PER HOUR, MOUNT, MOUNTED, METAL, NORTH, NOT APPLICABLE, NATIONAL ELECTRIC CODE, NEGATIVE, NATIONAL ELECTRIC MANUFACTURERS ASSOCIATION, NEAR FACE, NOT IN CONTRACT, NUMBER, NOMINAL, NOT TO SCALE, ON CENTER, OUTSIDE DIAMETER OR OVERFLOW DRAIN, OUTSIDE FACE, OPENING, OUNCE, PIPE COLUMN, POUNDS PER CUBIC FOOT, PHASE, PHYSICAL, PLATE, PLASTIC, PLASTIC LAMINATE, POUNDING, POUNDS PER LINEAR FOOT, PLYWOOD, PRE-MOLDED JOINT, PUMP, PANEL, PAINT, POSITIVE OR POSITION, PAR, PREFABRICATED, PRESSURE, POUNDS PER SQUARE FOOT, JOINT, PAINTED, PARTITION, PRESSURE TREATED, QUARRY TILE, QUANTITY, QUALITY, RADIUS, RISER OR RED, RETURN AIR, ROOF DRAIN, REINFORCING STEEL BAR, RECESSED, REFERENCE, REFRIGERATION, REINFORCED OR REINFORCEMENT, RELOCATED, REPRESENTATIVE, REQUIRED, REQUIREMENT, REVISION, RIGHT HAND, ROOM, REMOTE, ROUGH OPENING, SOUTH, SANITARY, SCHEDULE OR SCHEDULED, SCHEMATIC, SECTION, SHEET, SHEET METAL AND AIR CONDITIONING CONTRACTOR'S NATIONAL ASSOCIATION, SPACE, STANDARD PLUMBING CODE, SPECIFICATIONS, SQUARE, SQUARE FEET, STAINLESS STEEL, SUBSOIL DRAIN, SOUND TRANSMISSION CLASS, STANDARD, STEEL, STORAGE OR STRUCTURAL, TOP AND BOTTOM, TONGUE AND GROOVE, TO BE DETERMINED, TABLE, TECHNICAL, TELEPHONE, THICK, TOP OF, TOP OF BOND BEAM, TOP OF CONCRETE, TOP OF DUCT, TOP OF FOOTING, TOP OF STEEL, TOP OF WALL, TOP OF PAVEMENT, TUBE STEEL, TESTING, TYPICAL, UNDERCUT, OR UNDERCOUNTER, UNDERWRITER'S LABORATORIES, UNLESS NOTED OTHERWISE, UNINTERRUPTIBLE POWER SUPPLY, UTILITY, VOLTS, VAPOR BARRIER, VINYL COMPOSITION TILE, VELOCITY, VERTICAL, VESTIBULE, VERIFY IN FIELD, VINYL TILE, VENT THROUGH ROOF, VINYL WALL COVERING, WASTE, WATTS, WEST OR WIDTH, WITH, WATER CLOSET, WOOD, WATER HEATER, WITHOUT, WORKING POINT, WATER RESISTANT, WATER STOP, WEIGHT, WELDED WIRE FABRIC, YARD (S).

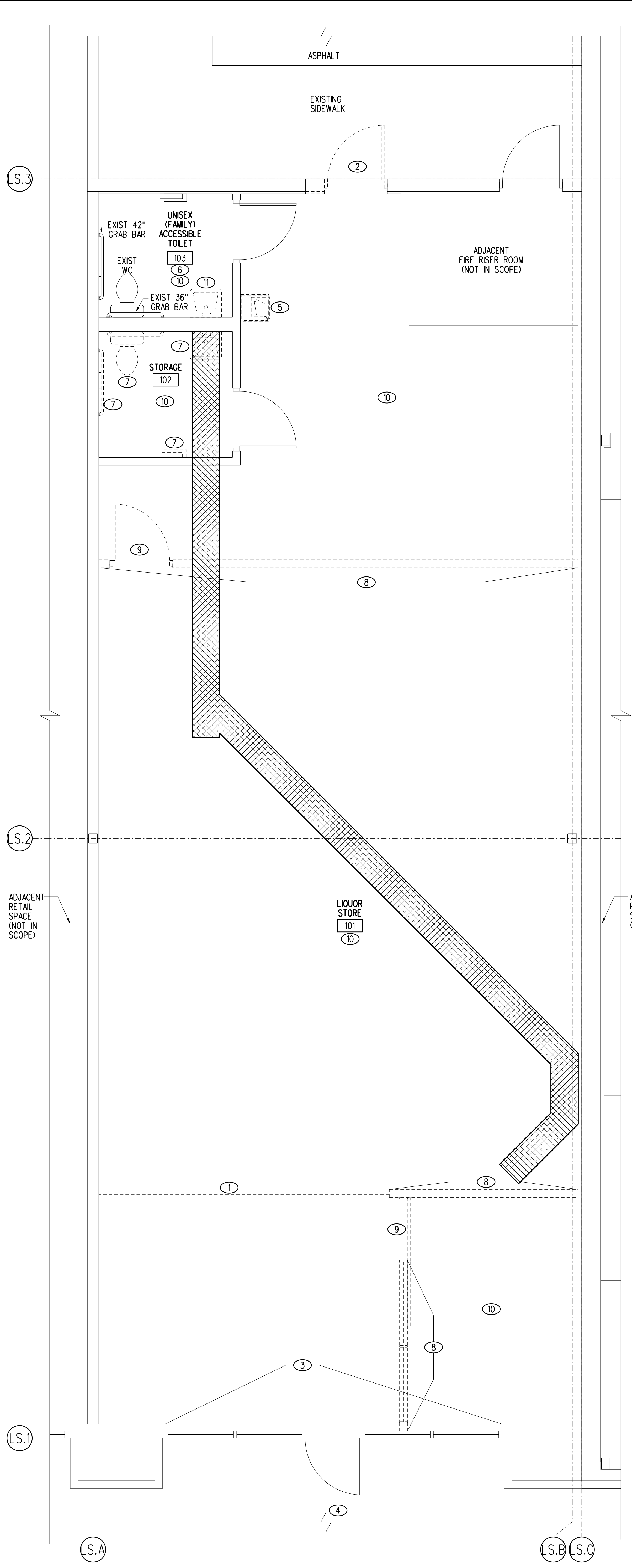
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19461 COCHRAN BOULEVARD SUITE 1000
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Key Plan:

EVERGREEN ENVIRONMENT
Jacobs Project No.: F6-W752-00-1013LS
Drawing Title:

GENERAL NOTES
AND ABBREVIATIONS

Date: 07/22/22
Designed By: P. BEGANY
Drawn By: P. BEGANY
Checked By: M. MATOS
Drawing No.:
G-1



GENERAL NOTES:

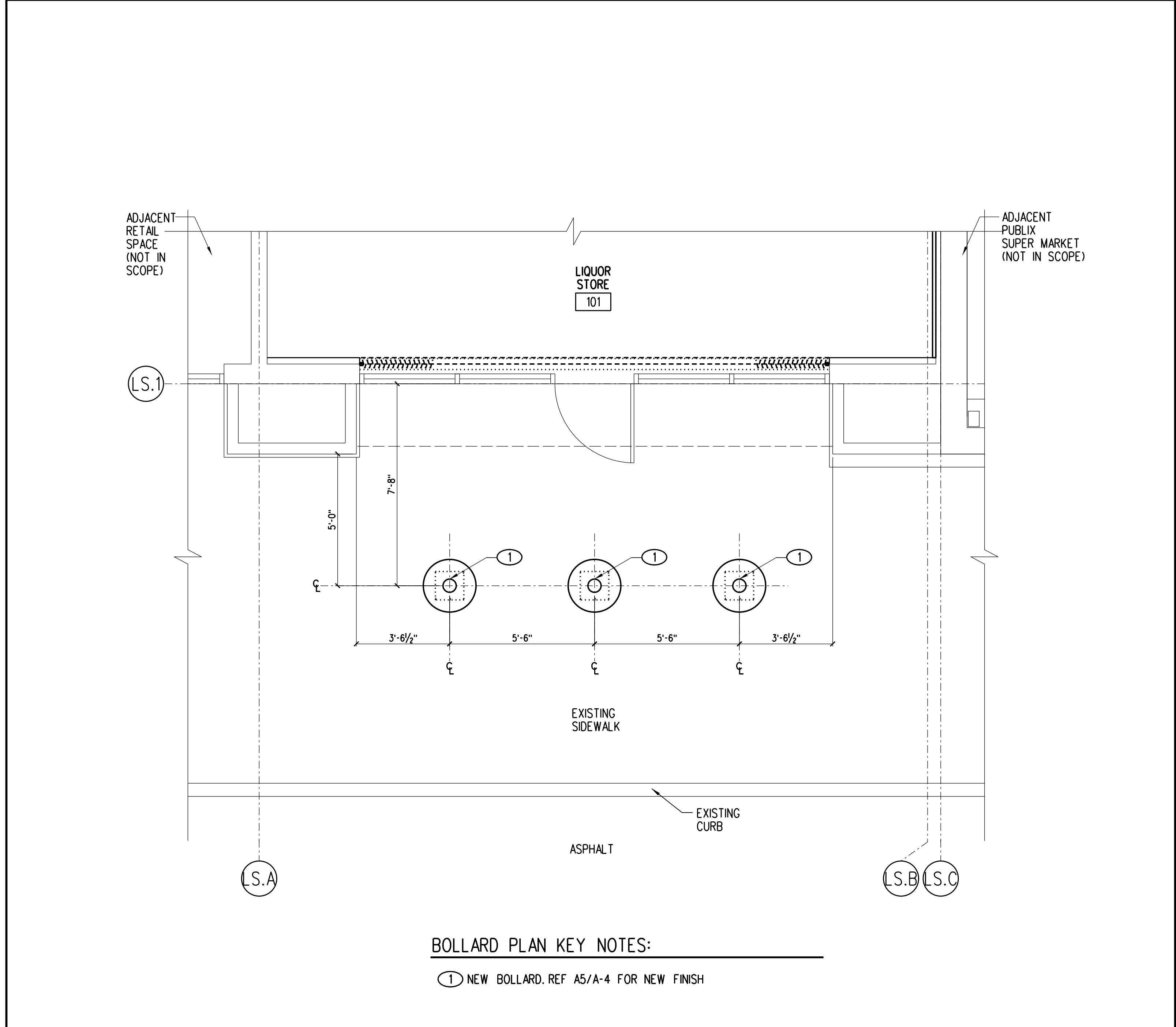
- A. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND NOTIFY ARCHITECT/ENGINEER OF ANY VARIANCES FROM EXISTING CONDITIONS SHOWN.
- B. REFER TO ELECTRICAL, MECHANICAL, STRUCTURAL, REFRIGERATION AND FIRE PROTECTION DOCUMENTS FOR ADDITIONAL DEMOLITION ASSOCIATED WITH THOSE DISCIPLINES.

DEMOLITION PLAN LEGEND:

- [Dashed line] ITEMS TO BE REMOVED
- [Hatched area] INDICATES MINIMUM TRENCHING FOR NEW PLUMBING AND ELECTRICAL LINES. REF M-3 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.
- [Solid line] EXISTING CONDITIONS TO REMAIN

DEMOLITION PLAN KEY NOTES:

- 1 REMOVE FLOOR FINISH TRANSITION.
- 2 REMOVE EXISTING DOOR AND DOOR FRAME. COORDINATE WITH OWNER'S REPRESENTATIVE.
- 3 INTERIOR FACE OF SOFFIT ABOVE STOREFRONT WILL NEED TO BE RECONSTRUCTED TO ACCOMMODATE NEW SECURITY GRILLE TRACK. REMOVE EXISTING CYP BD AS REQUIRED. REFER A3/A-5 FOR ADDITIONAL INFORMATION.
- 4 REFER A4/A-1 FOR BOLLARD PLAN
- 5 REMOVE EXISTING EWC.
- 6 ALL EXISTING TOILET ACCESSORIES TO BE REMOVED. ONLY EXISTING GRAB BARS TO REMAIN.
- 7 REMOVE EXISTING PLUMBING FIXTURES, TOILET ACCESSORIES, AND GRAB BARS.
- 8 REMOVE EXISTING WALL.
- 9 REMOVE EXISTING DOOR AND FRAME.
- 10 REMOVE CARPET/TILE AND SUBSTRATE, WOOD BASE, AND CEILING SYSTEM.
- 11 EXISTING LAVATORY TO BE RELOCATED. SEE A1/A-2 FOR NEW LOCATION.



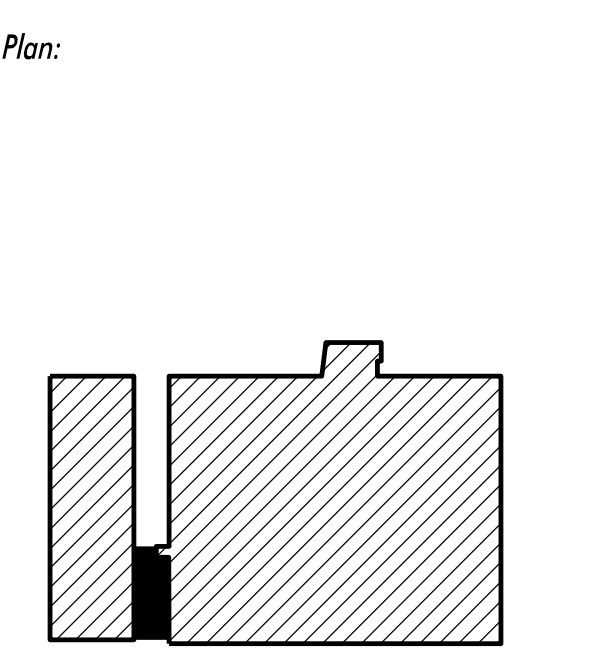
BOLLARD PLAN KEY NOTES:

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

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EVERGREEN ENVIRONMENT
Jacobs Project No.: F6-W752-00-1013LS
Drawing Title:

DEMOLITION PLAN AND BOLLARD PLAN

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, SQUENTIA "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 8210K-28 "PORTICO TEAK" (ALL CASEWORK)

FLOOR PLAN LEGEND:

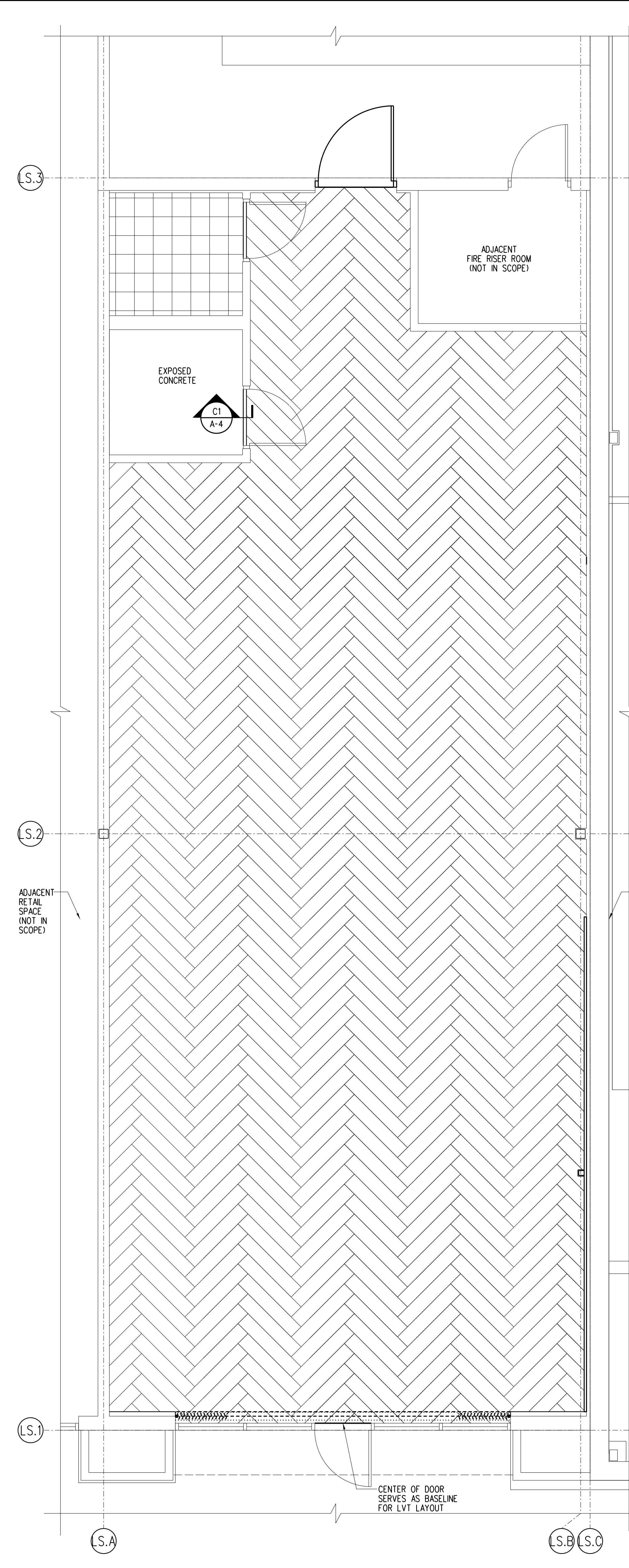
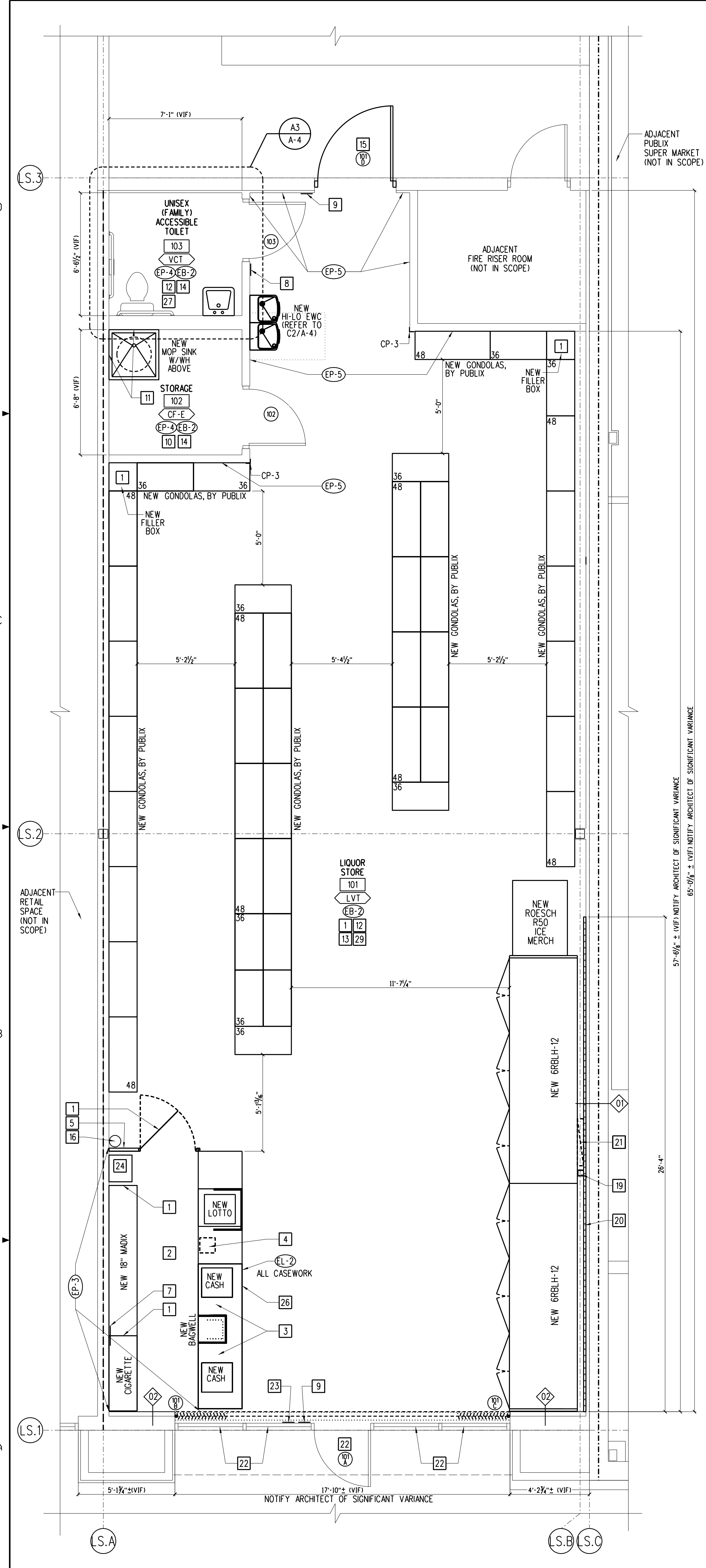
- EXISTING WALL.
- EXISTING 1-HOUR RATED WALL (UL-U455), REF. C5/A-5 FOR MSC PENETRATIONS OF EXISTING TENANT SEPARATION WALL.
- EXISTING 4-HOUR RATED WALL (UL-U90), REF. C4/A-5 FOR MSC PENETRATIONS OF EXISTING SEPARATION WALL.
- NEW STUD WALL WITHOUT SOUND BATT INSULATION.
- NEW STUD WALL WITH INSULATION, REF. TO C3/A-5 FOR INSULATION TYPE.
- PARTITION SYMBOL, REF. DETAIL C3/A-5.
- 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 UNDO.
- 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 REF 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 PLYWOOD 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 NEW 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 3/4" GYP BD TO EXTENT INDICATED. PATCH/REPAIR/PREFINISH 3/4" 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 SCOTCHTINT 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/CHAPTER/SECTION 010.19.4, 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 C4/A-5. FOR WALL PENETRATION DETAIL AND ELECTRICAL FOR ADD'L INFORMATION, COORDINATE EXACT LOCATION WITH PUBLIX CONSTRUCTION REP ON-SITE.
 - 30 NOT USED



LVT LEGEND:

- WP417 BLACK/GRAY/SILVER KARNDIAN SYLVIA 9" X 48" X 1/2" 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:

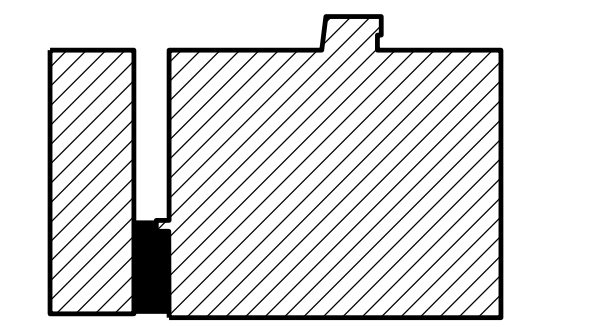
- 1. FLOOR TILES TO BE INSTALLED IN A PATTERN LAYOUT SHOWN IS A REPRESENTATION OF SIMILAR PATTERN.
- 2. INTERIOR FLOOR CHANGES IN VERTICAL LEVEL SHALL NOT EXCEED 1/4" HIGH. CHANGES IN LEVEL BETWEEN 1/4" HIGH MINIMUM AND 1/2" HIGH MAXIMUM SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2 (PER ADA REQUIREMENTS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

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Key Plan:



PROJECT TRUE NORTH

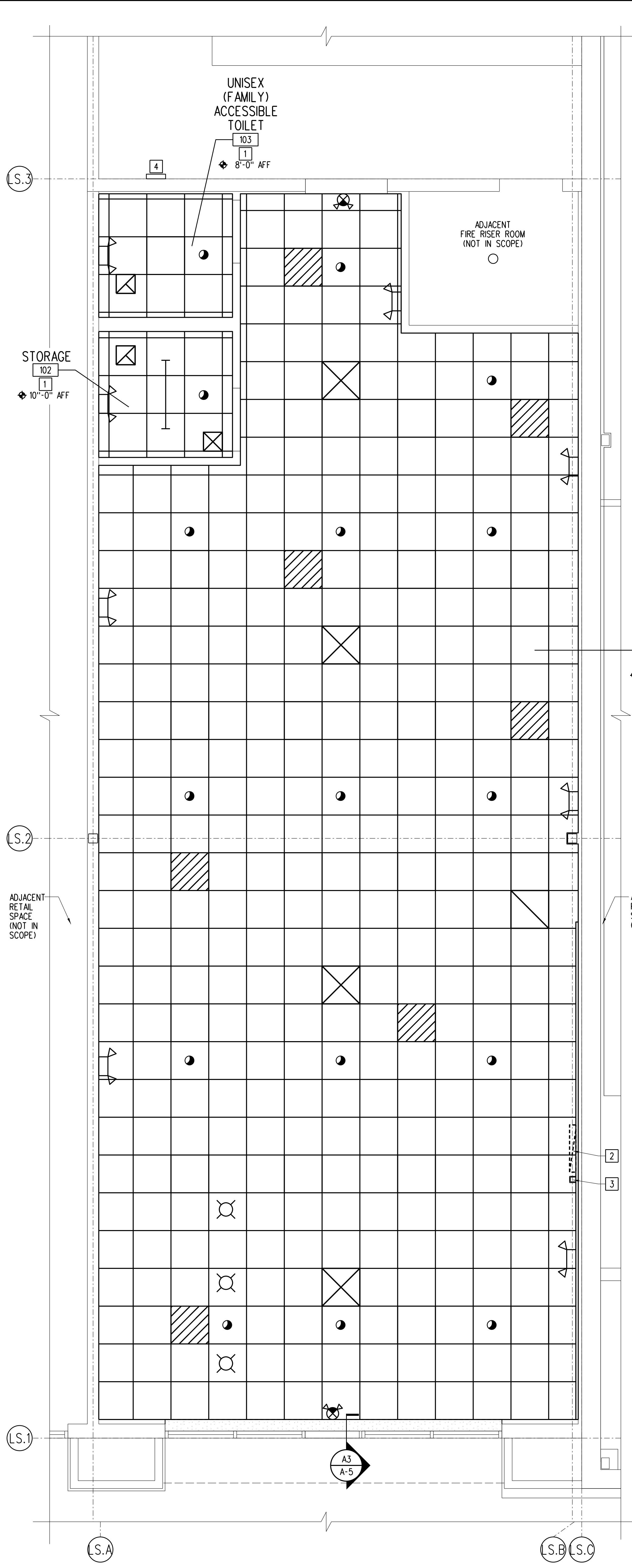
EVERGREEN ENVIRONMENT
Jacobs Project No.: F6-W752-00-1013LS

Drawing Title:

FLOOR/FINISH AND LVT/VCT PLANS

Date: 07/22/22
Designed By: P. BEGANY
Drawn By: P. BEGANY
Checked By: M. MATOS

- GENERAL NOTES:**
- A. PATCH/REPAIR ROOF AROUND NEW CURB. COORDINATE WITH OWNER'S REP AS APPLICABLE.
- KEY NOTES:**
- 1 REPLACEMENT AC UNIT OVER EXISTING OPENING. FRAME EXISTING OPENING WITH MANUFACTURER PROVIDED CURB ADAPTER. 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.



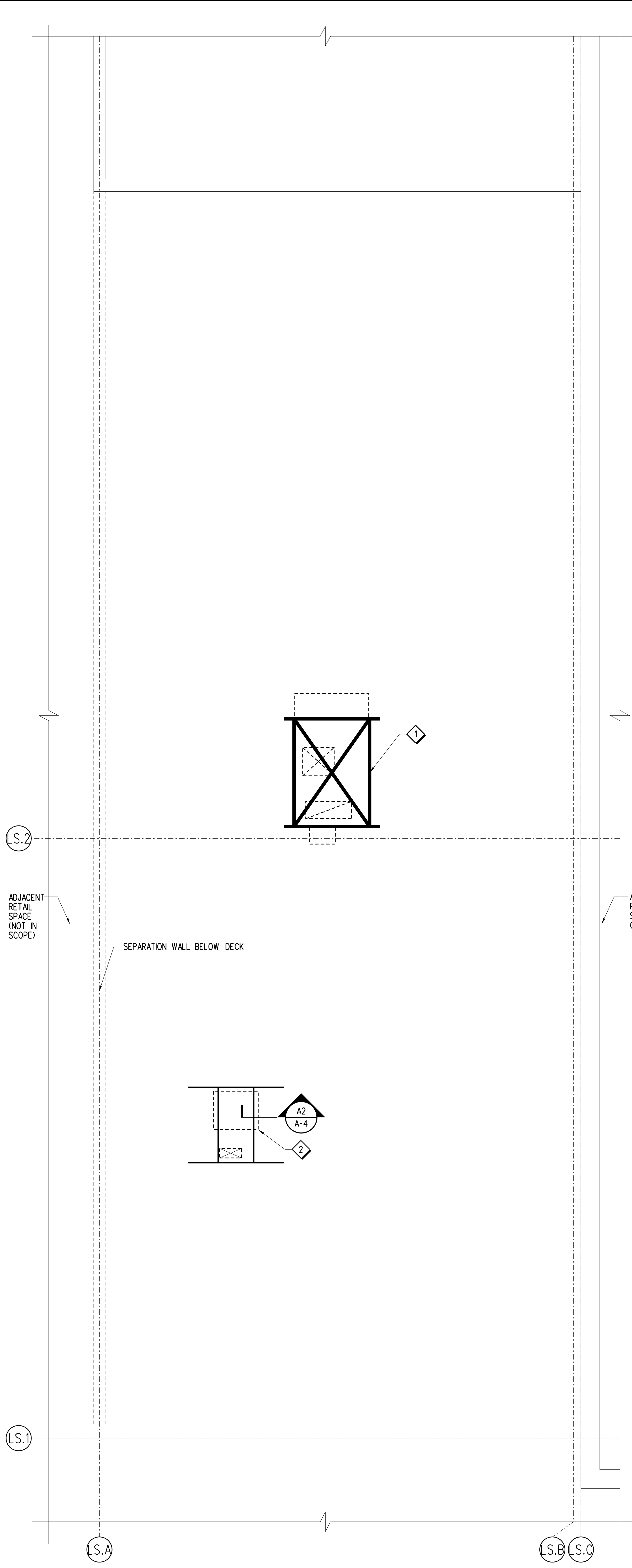
- GENERAL NOTES:**
- A. ALL NEW CEILINGS TO BE CLASS A.
 - B. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
 - C. GC TO PROVIDE AND INSTALL TWO # 10 SAFETY WIRES PER ALL NEW AND IMPROPERLY SUPPORTED EXISTING METAL HALIDE AND/OR FLUORESCENT FIXTURES. ATTACH TO JOIST AT PROPER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

- REFLECTED CEILING PLAN KEY NOTES:**
- 1 NEW SUSPENDED CEILING SYSTEM. REFER TO REFLECTED CEILING PLAN LEGEND FOR INFORMATION.
 - 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 NEW WALL CAP

REFLECTED CEILING PLAN LEGEND:
NOTE: NOT ALL SYMBOLLOGY 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 FISSED, RH90, 24"x24"x5/8" SQUARE CUT EDGE, WHITE
- EXISTING CEILING TILE & GRID
- NEW GYPSUM BOARD SOFFIT

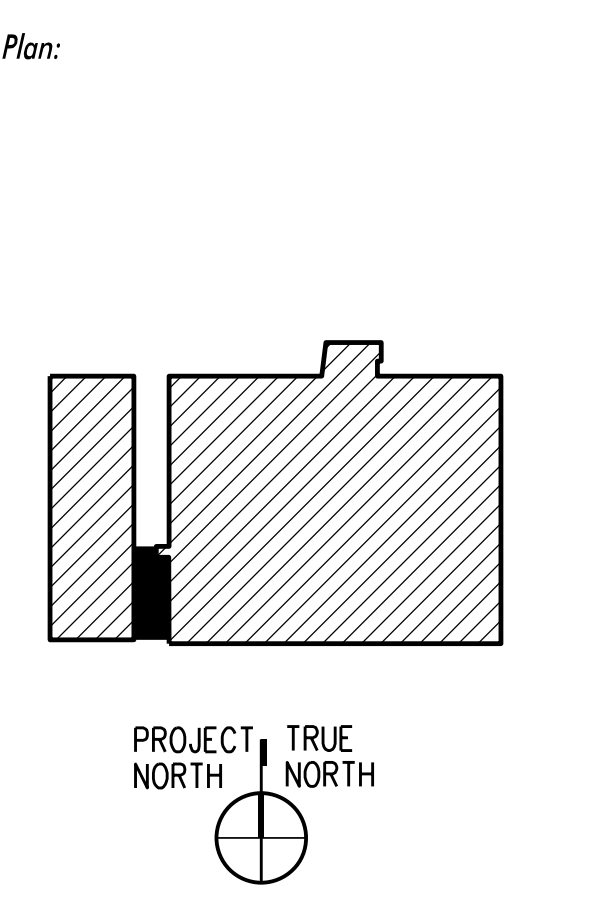
- SPRINKLER SYMBOLS:**
- EXISTING SPRINKLER TO REMAIN
 - EXISTING PENDENT SPRINKLER TO BE RELOCATED
 - RELOCATED EXISTING PENDENT SPRINKLER
 - NEW PENDENT SPRINKLER



A3 PARTIAL ROOF PLAN
0 2 4 8 12
1/4" = 1'-0"

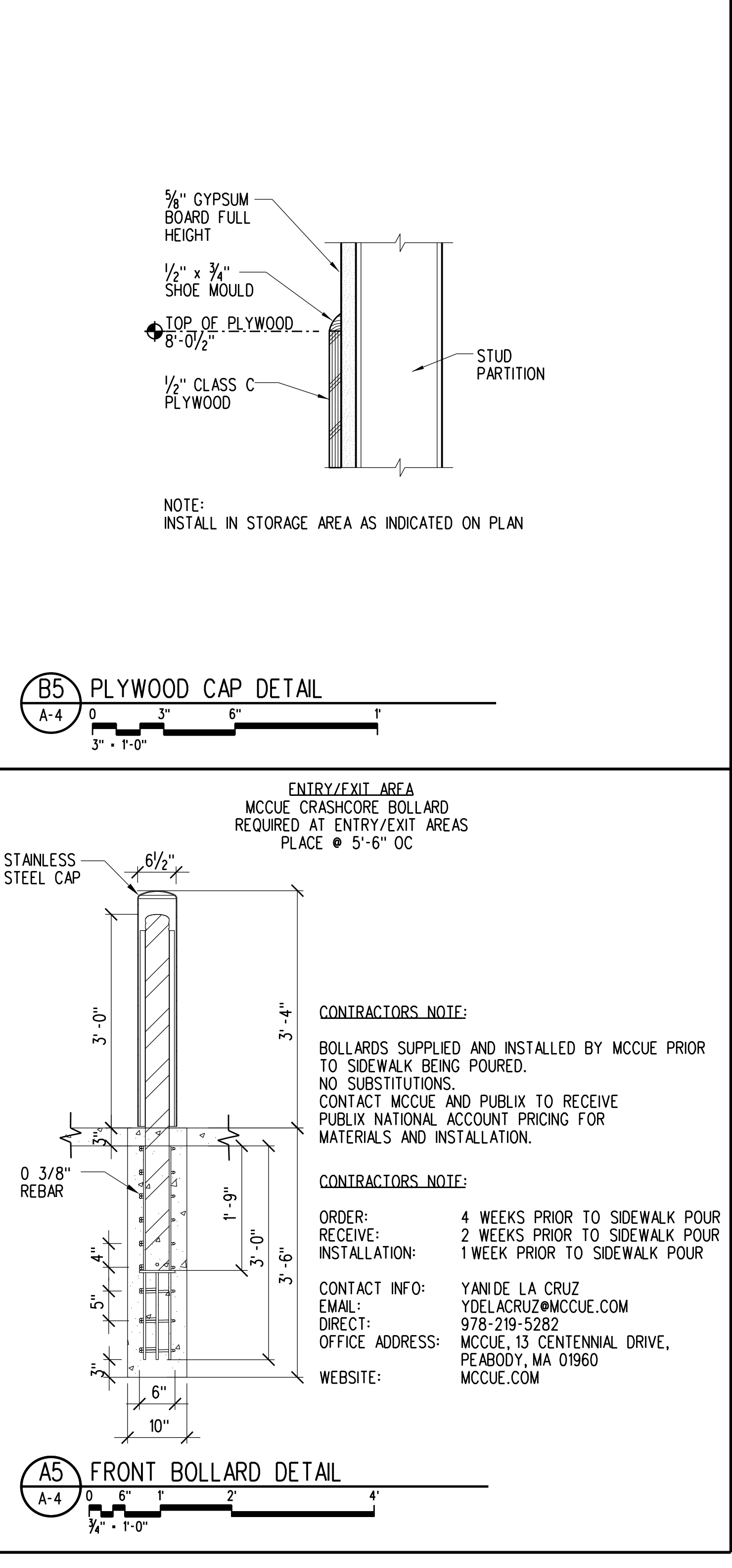
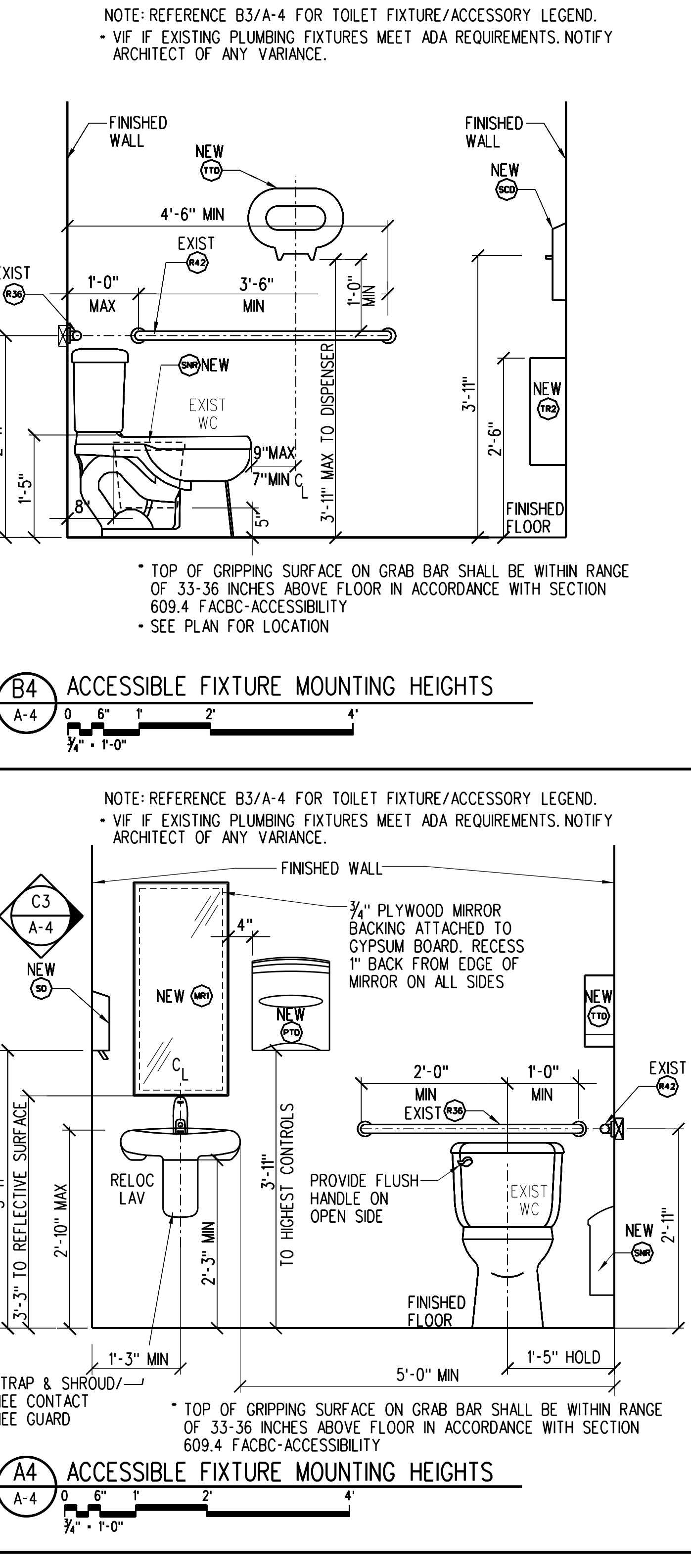
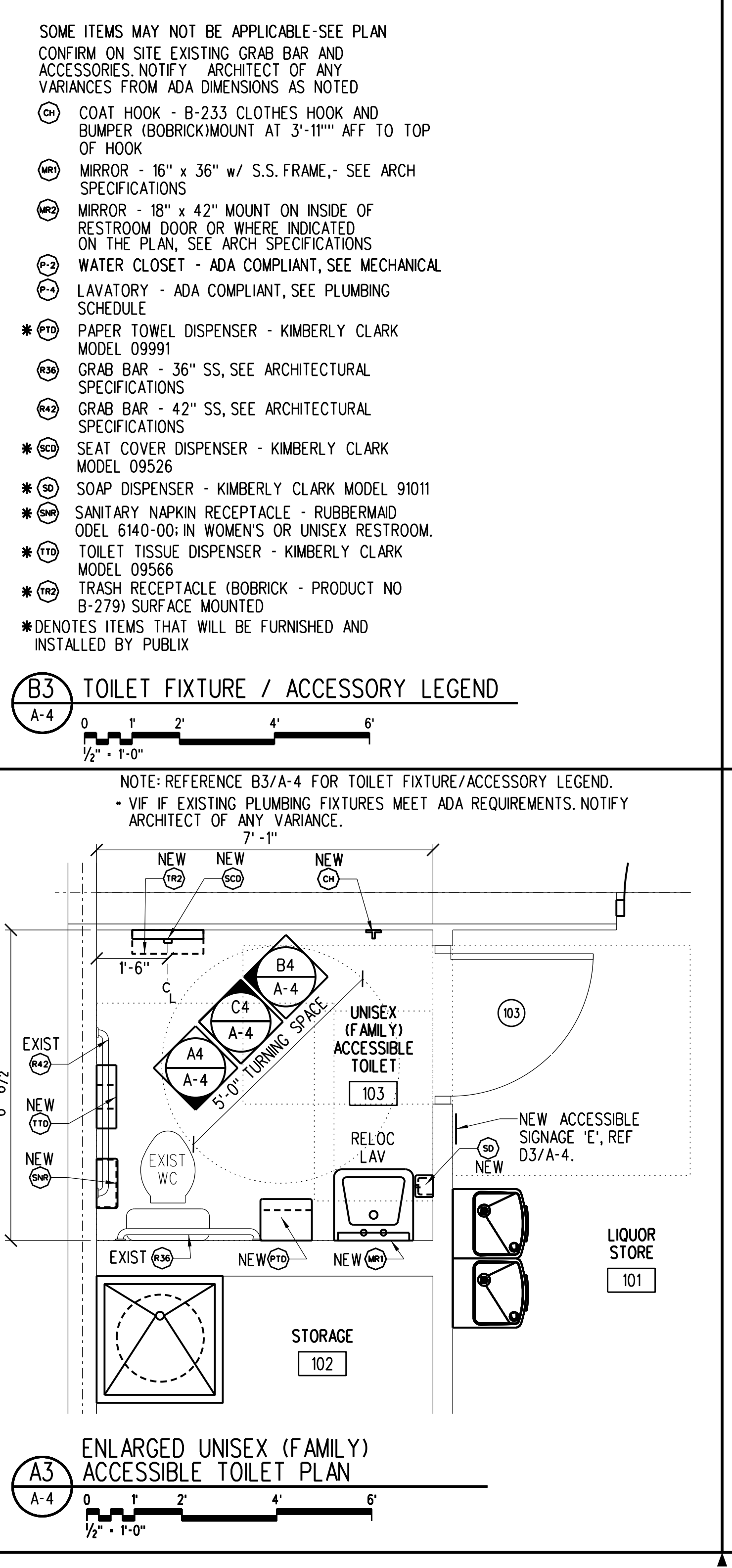
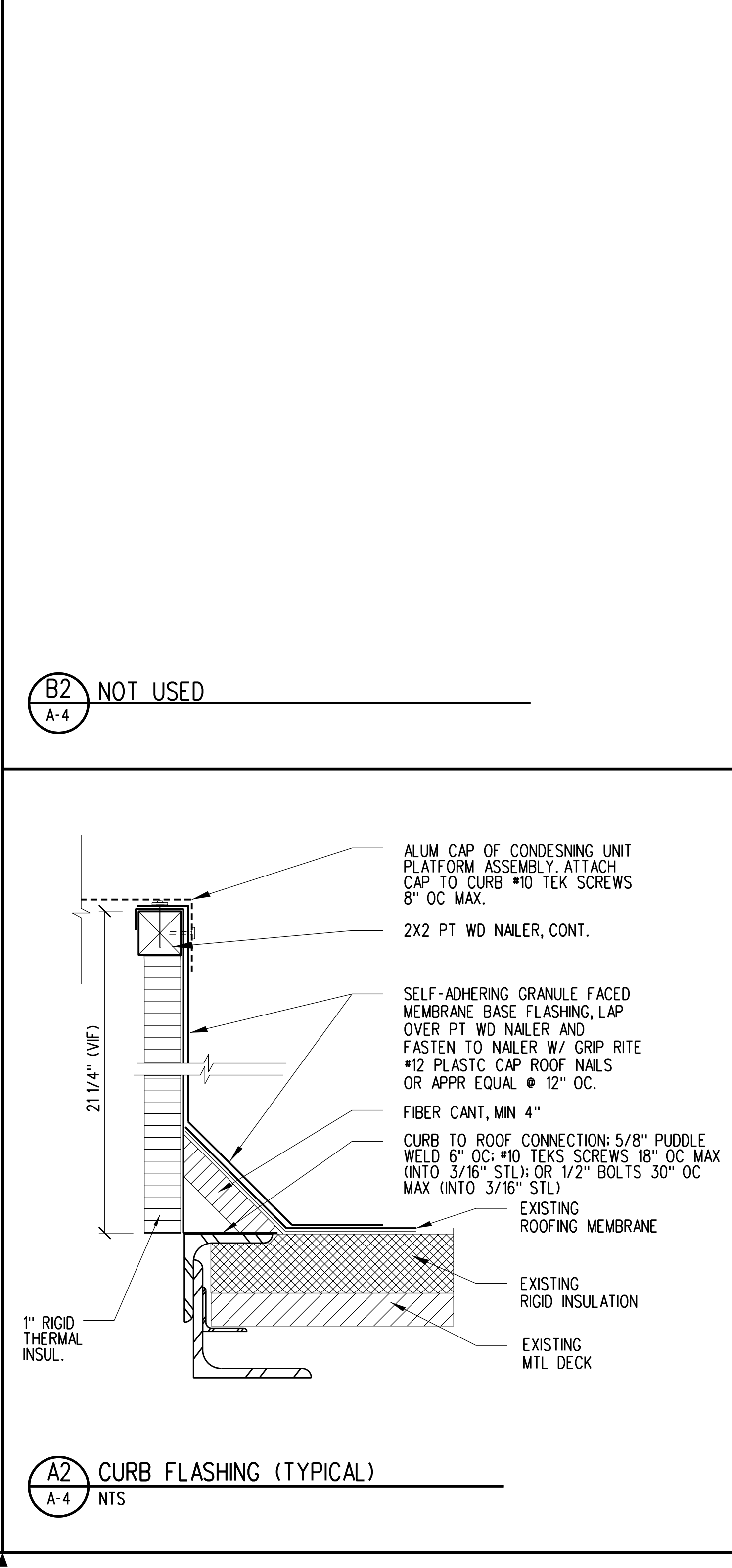
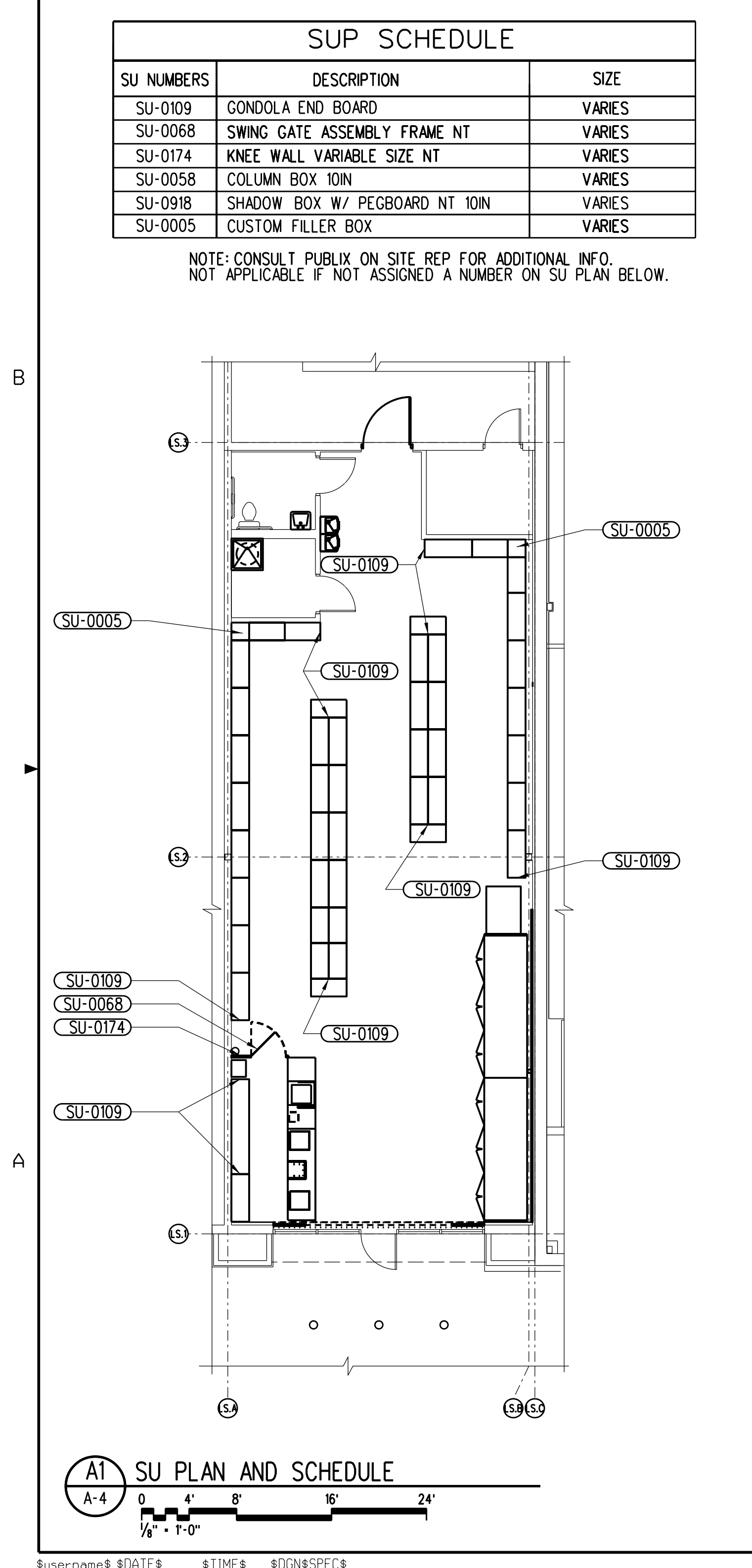
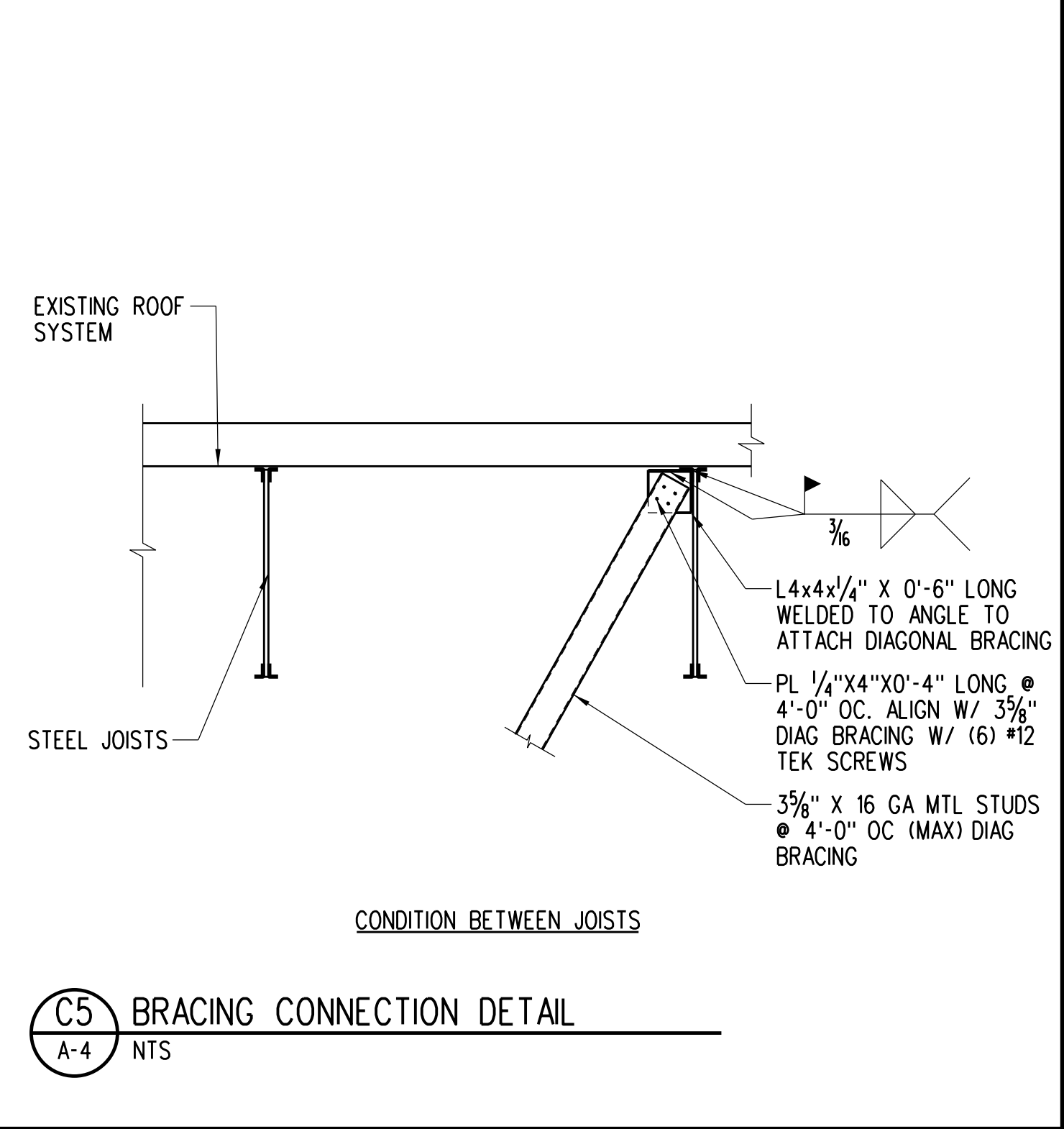
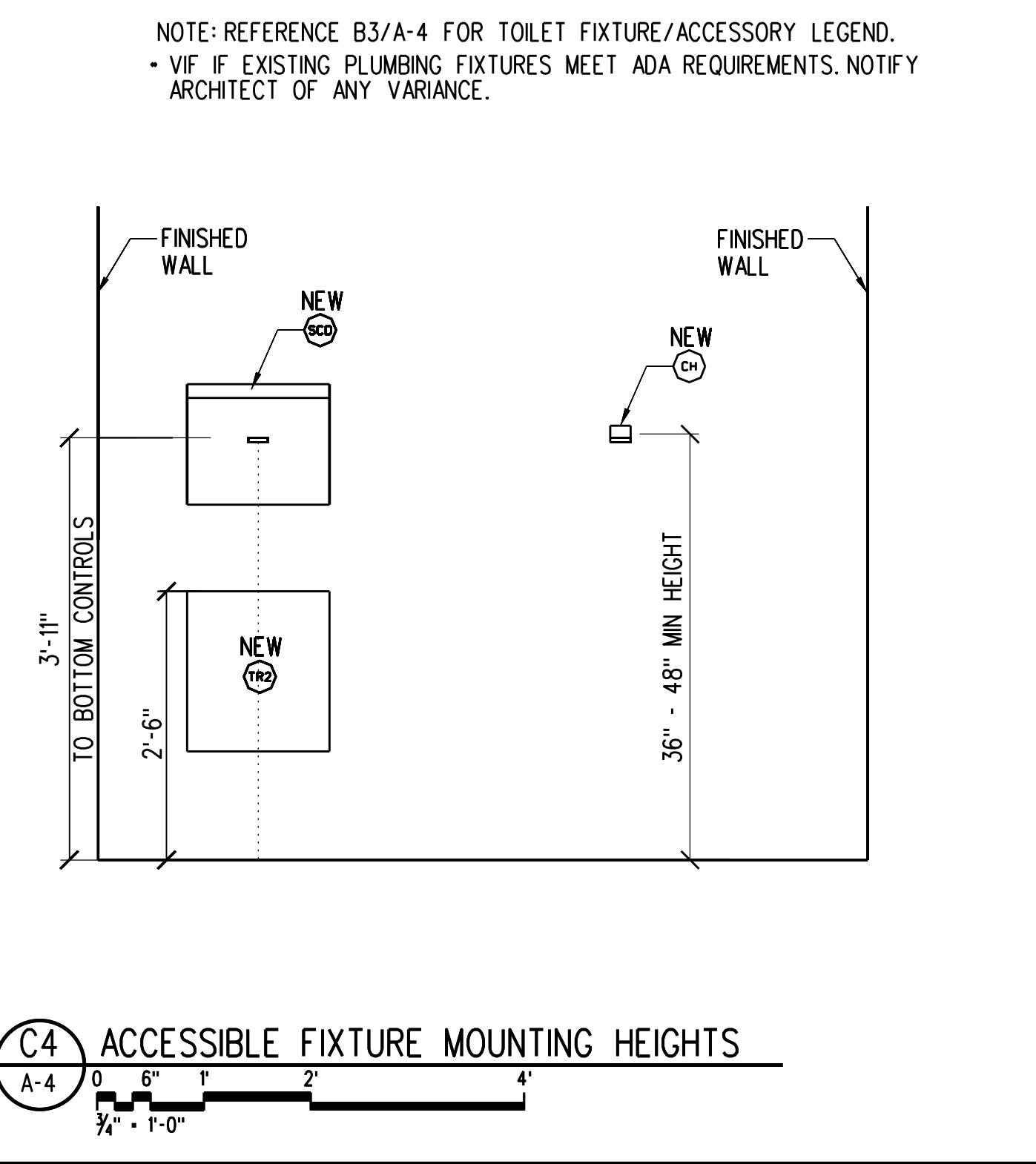
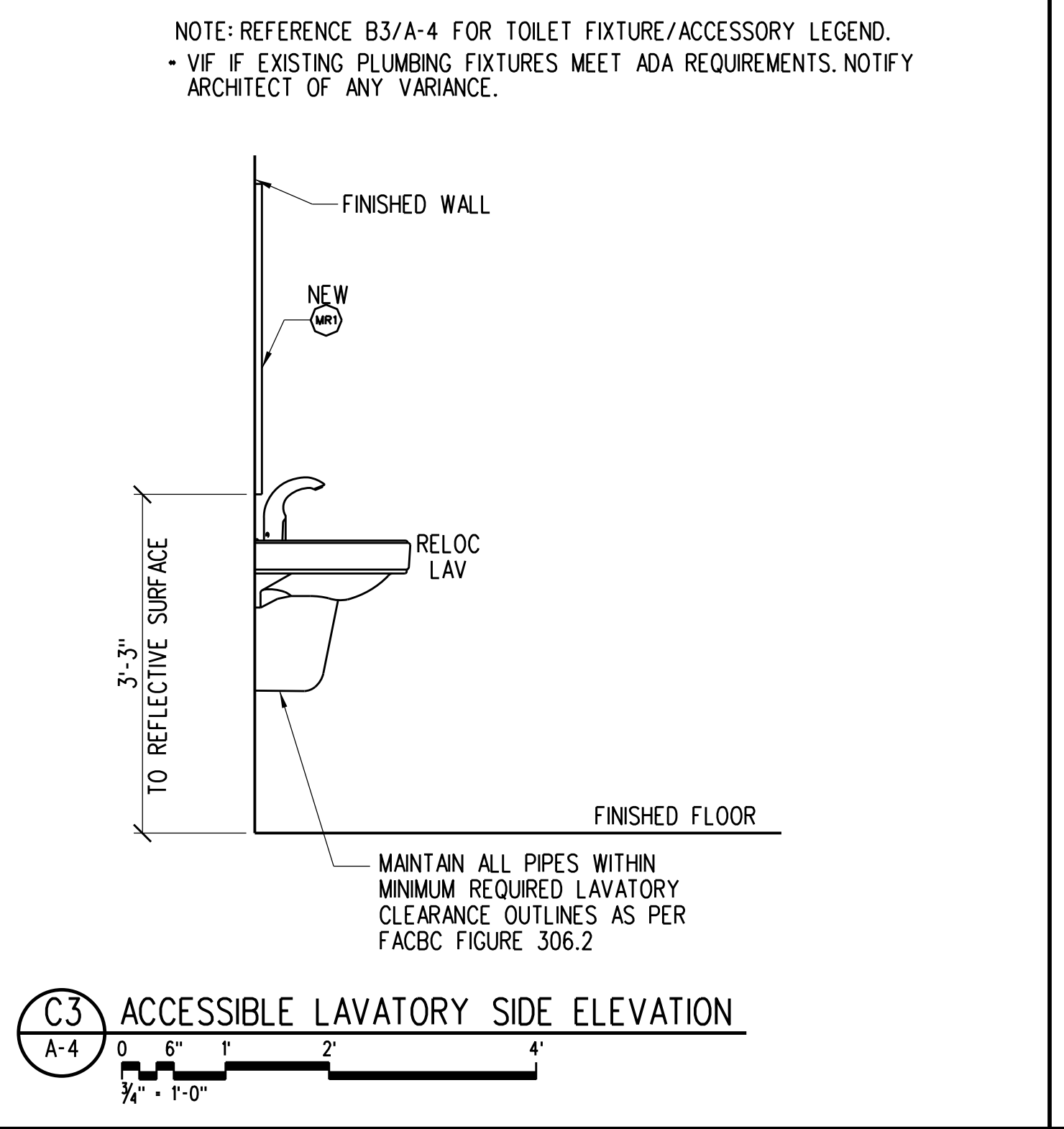
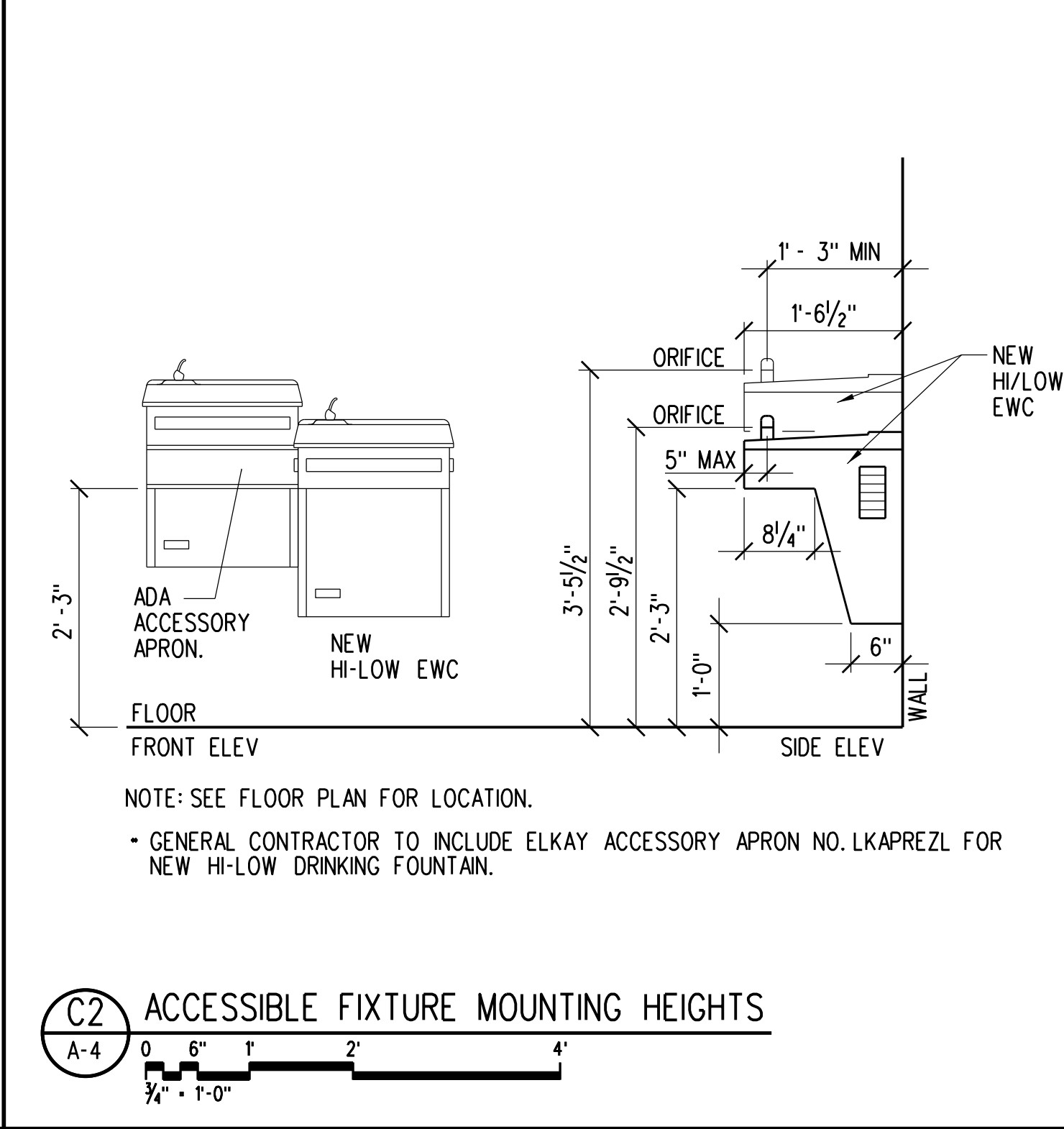
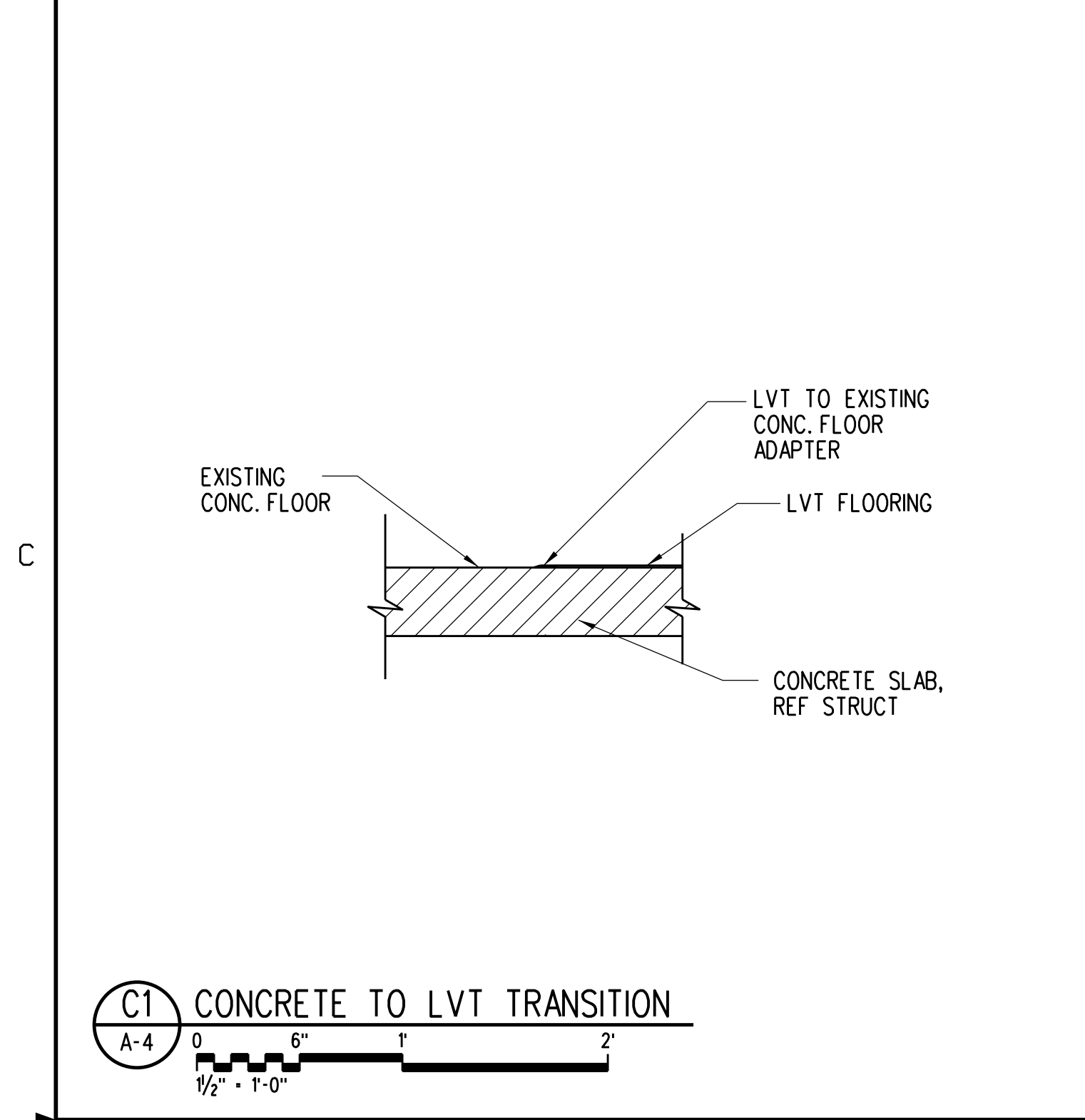
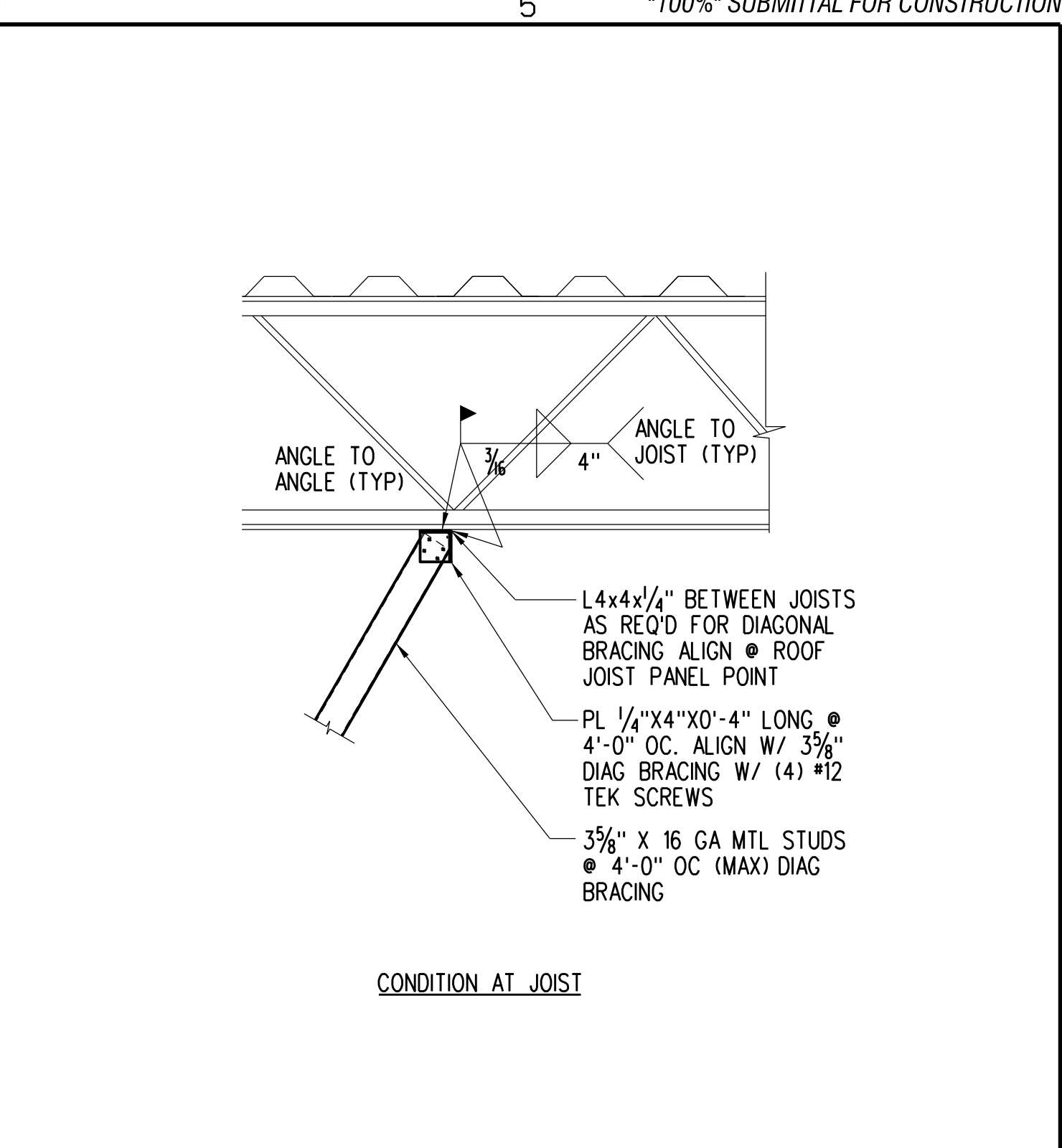
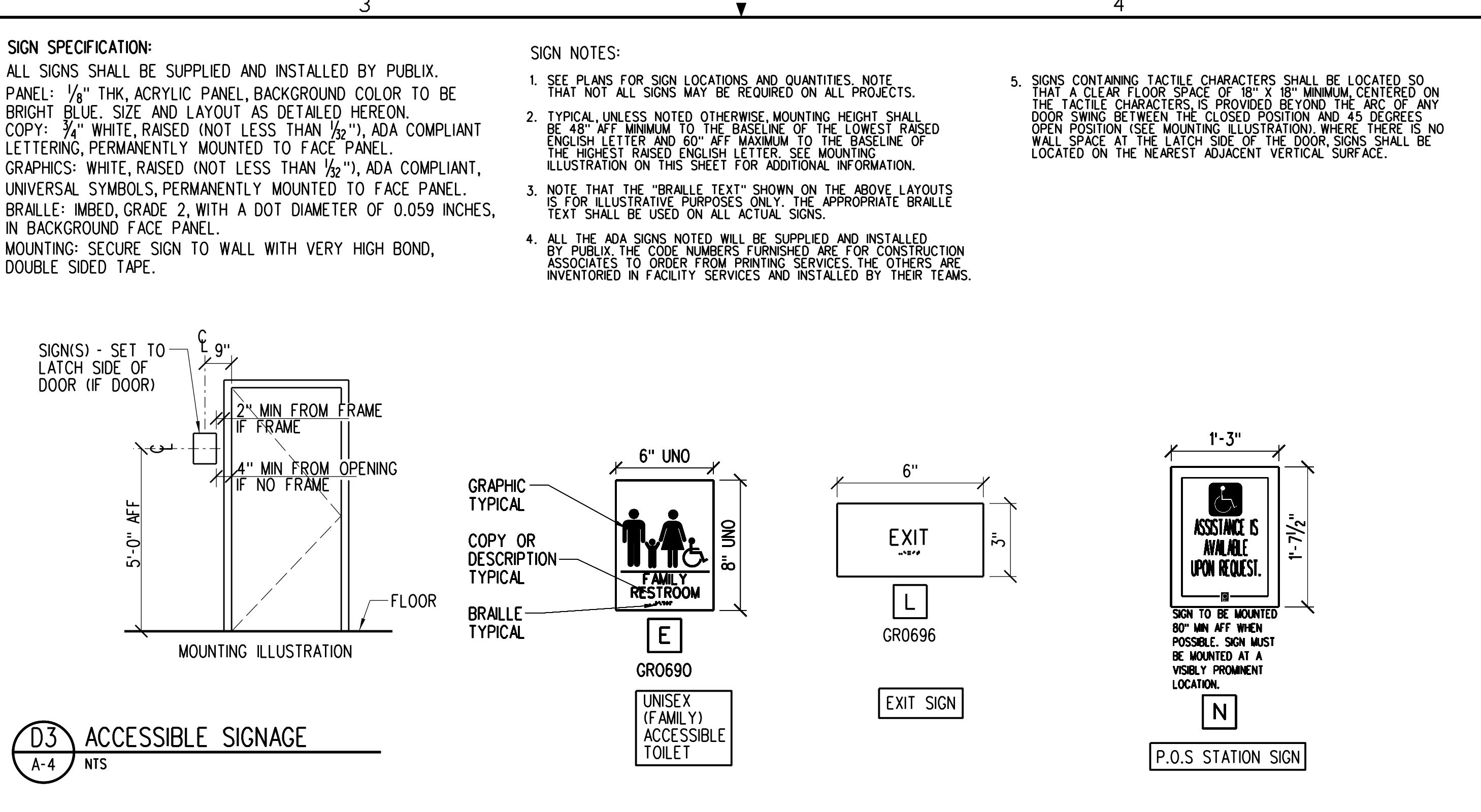
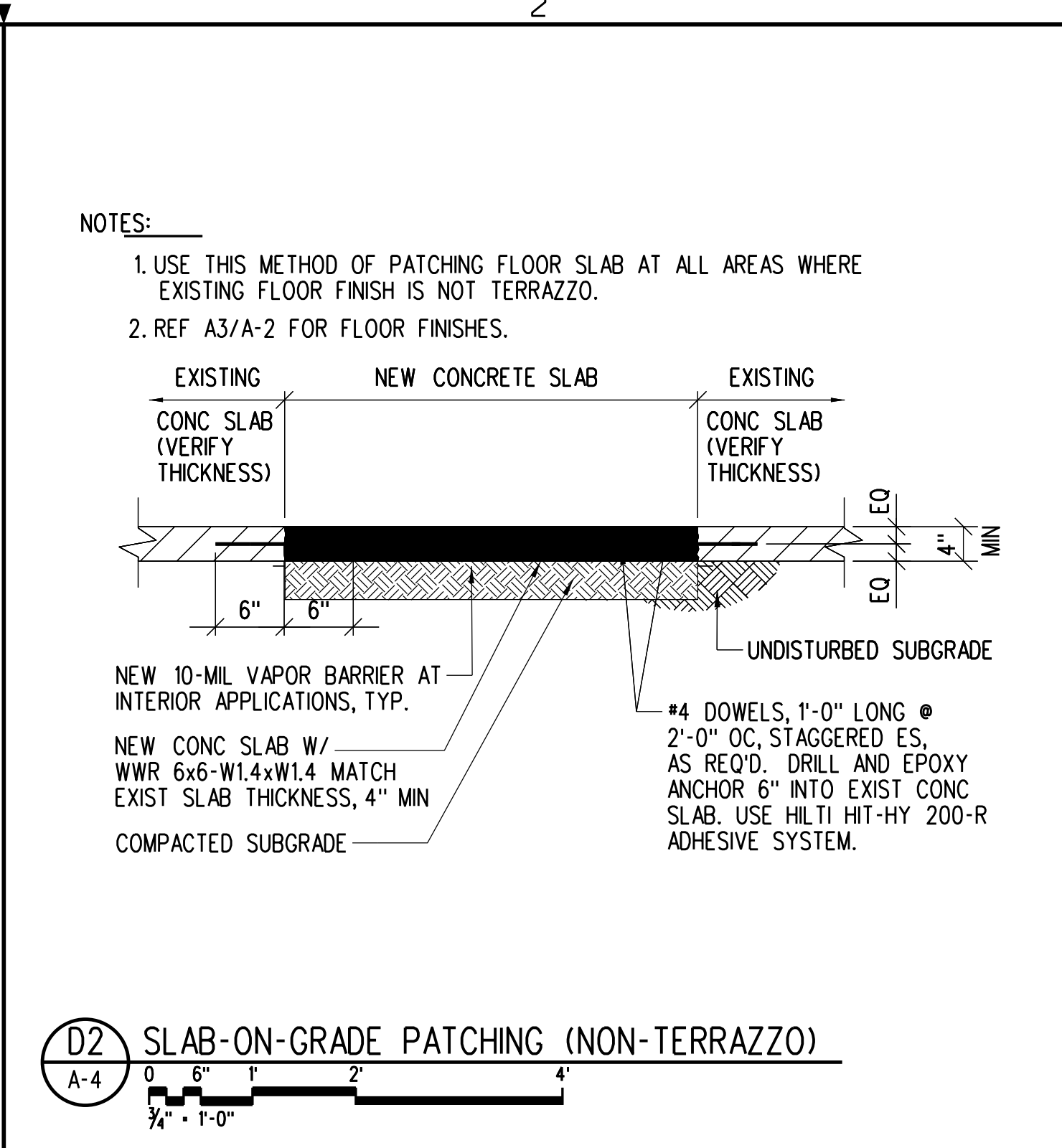
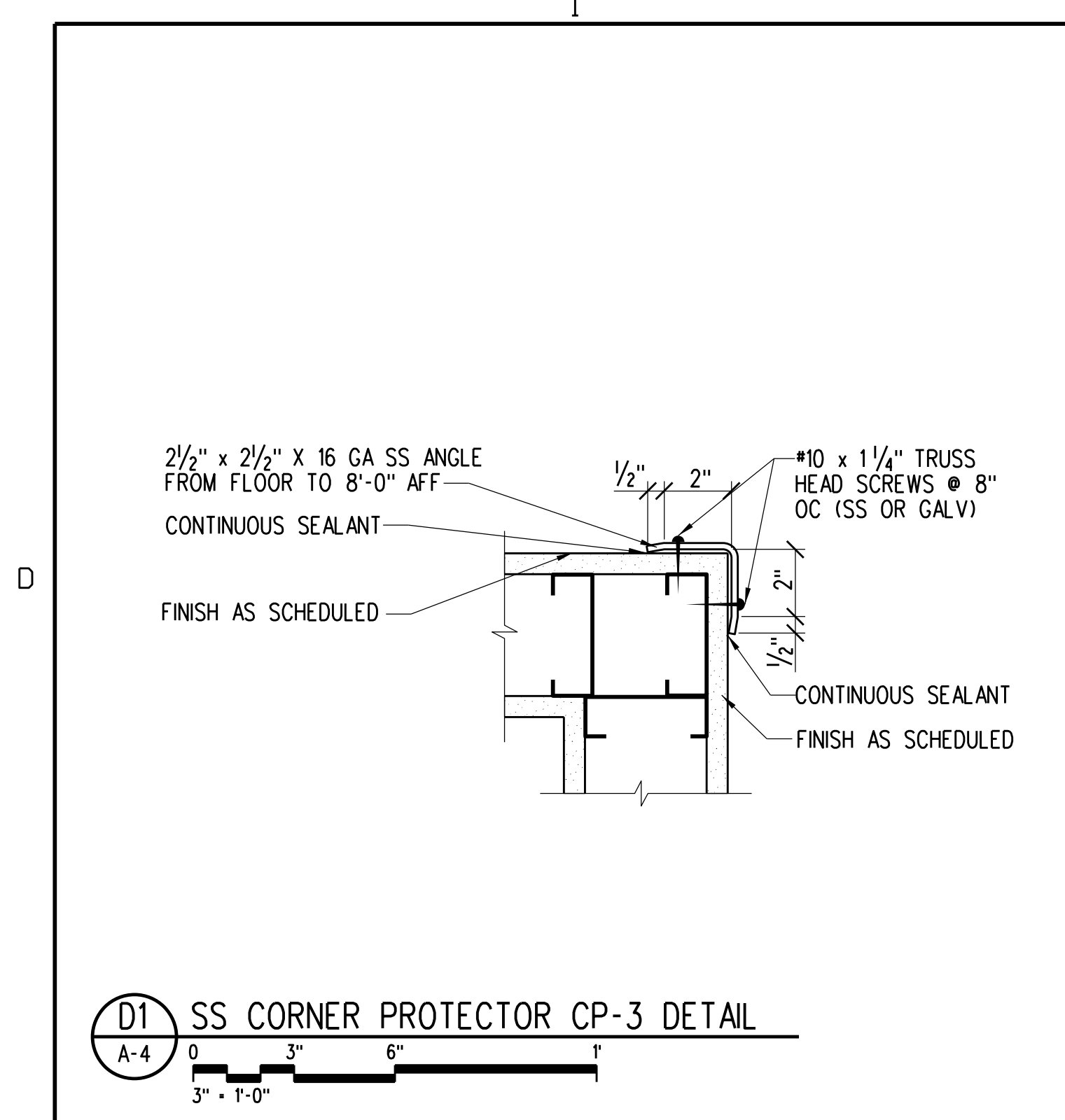
A1 REFLECTED CEILING PLAN
0 2 4 8 12
1/4" = 1'-0"

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EVERGREEN ENVIRONMENT
Jacobs Project No.: F6-W752-00-1013L5
Drawing Title:

REFLECTED CEILING AND PARTIAL ROOF PLAN



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Key Plan:
EVERGREEN ENVIRONMENT
Jacobs Project No.: F6-W752-00-1013L5
Drawing Title: SU AND TOILET PLAN, ELEVATIONS AND DETAILS
Date: 07/22/22
Designed By: P. BEGANY
Drawn By: P. BEGANY
Checked By: M. MATOS
A-4

DOOR SCHEDULE

DOOR NO	TYPE	MATL	DOORS			GLAZING	TYPE	FRAME			FIRE RATING LABEL	HDM SET NO	DOOR NO	NOTES
			WIDTH	HEIGHT	THICKNESS			MATL	JAMB	SILL				
101A	ER	ALUM	3'-0"	7'-0"	1 1/2"	----	ER	ALUM	A3/A-5	----	----	N	101A	1, 12
101B	---	----	----	----	----	----	---	----	----	----	----	SG	101B	10, 14, 15
101C	---	----	----	----	----	----	---	----	----	----	----	SG	101C	10, 14, 15
101D	D1	HM	4'-0"	8'-0"	1 1/2"	----	F1	PGHM	A1/A-5	----	----	LS	101D	1, 2, 3, 7, 8, 9, 13
102	ER	PLSC	3'-0"	7'-0"	1 1/2"	----	ER	PGHM	----	----	----	D	102	2, 3, 4, 5
103	ER	PLSC	3'-0"	7'-0"	1 1/2"	----	ER	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.

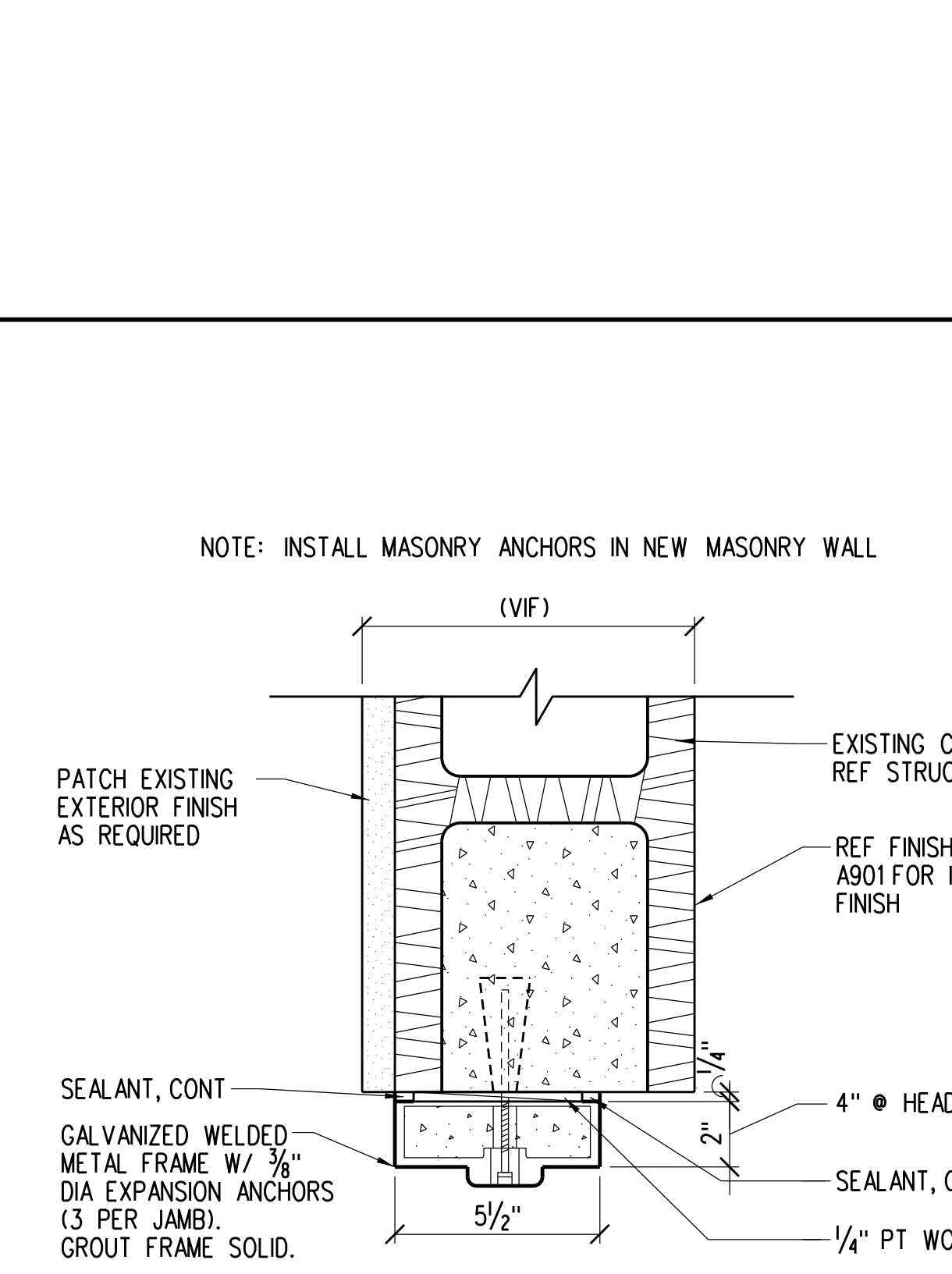
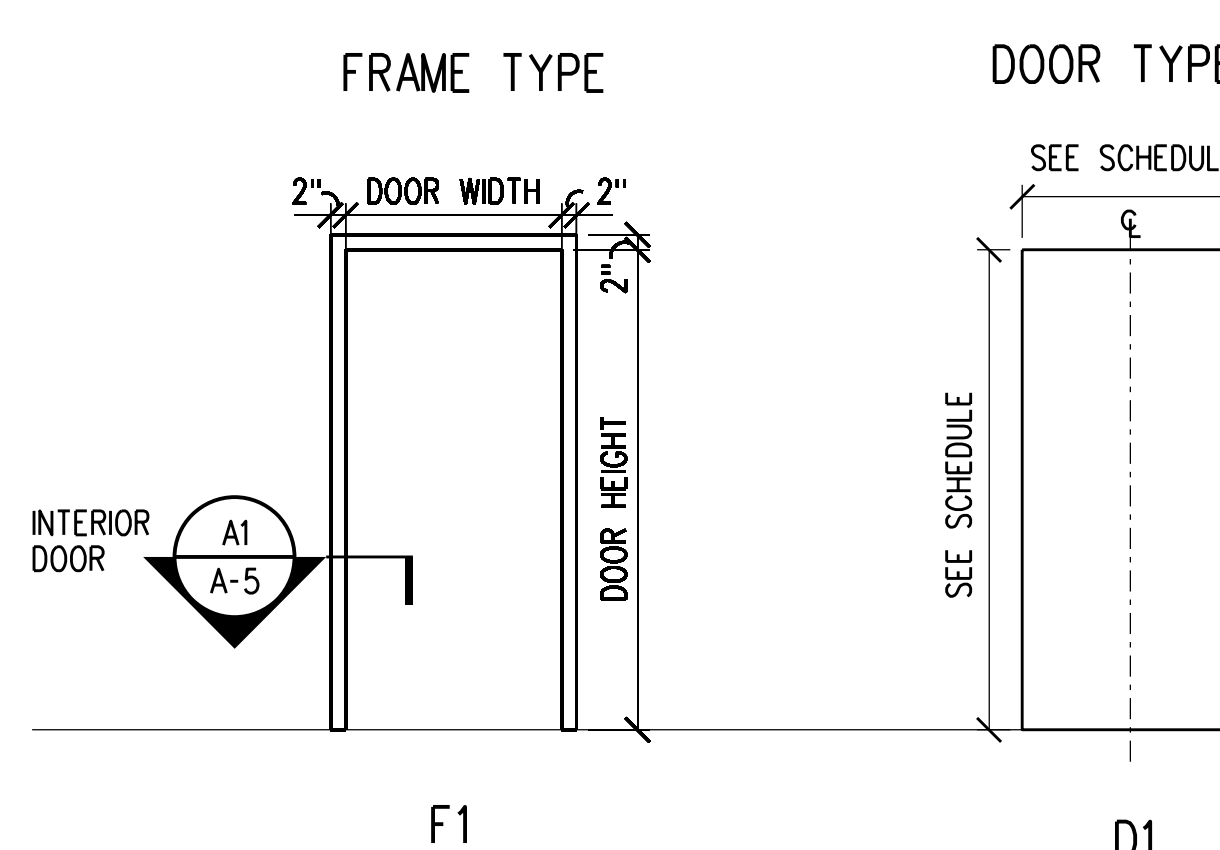
- GENERAL NOTES:**
- SET DOOR CLOSER WITH A MAX FORCE OF 5 LBF INTERIOR, AND 8.5 LBF EXTERIOR, REF FACBC 404.2.9. THE SWEEP PERIOD SHALL BE AT LEAST 5 SECONDS FROM AN OPEN POSITION OF 90 DEGREES TO A POINT 12 DEGREES FROM THE LATCH, MEASURED TO THE LEADING EDGE OF THE DOOR. REF FACBC 404.2.8. IF EXISTING CLOSERS 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.
 - PAIN NEW/EXISTING HM DOOR FRAME.
 - DOOR TO BE LAMINATED WITH WILSONART KENSINGTON MAPLE (10776-60), BOTH SIDES.
 - PROVIDE T UNDERCUT ON DOOR.
 - NOT USED.
 - 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 NFPA 780 (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 #222 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).
 - NOT USED.
 - 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 7.2.1.4.11.3 SHALL BE PERMITTED TO BE USED AS PART OF THE REQUIRED MEANS OF EGRESS FROM A TENANT SPACE (NFPA 101:372.2.2.7).
 - 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 100.14.5

DOOR SCHEDULE ABBREVIATIONS:

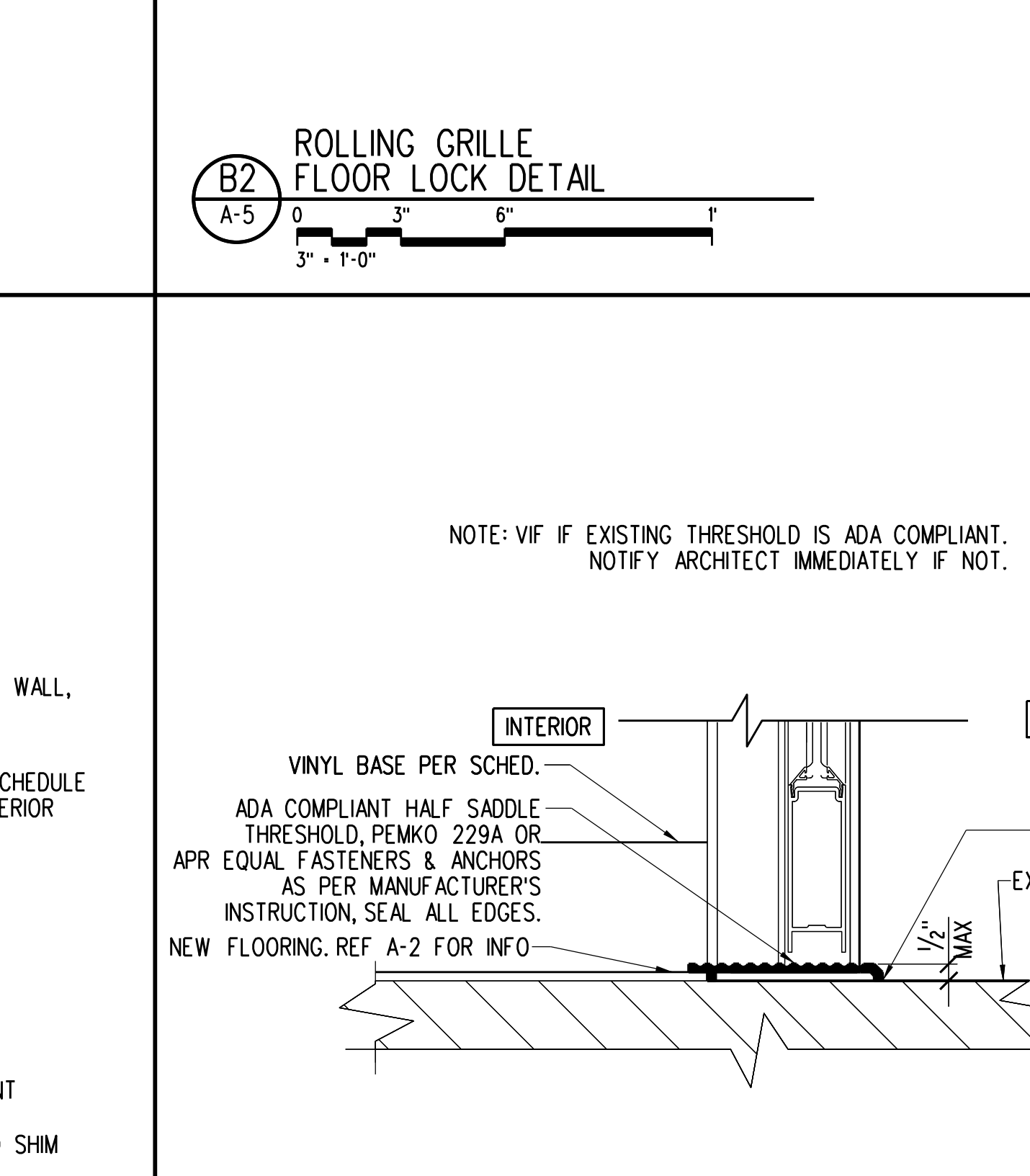
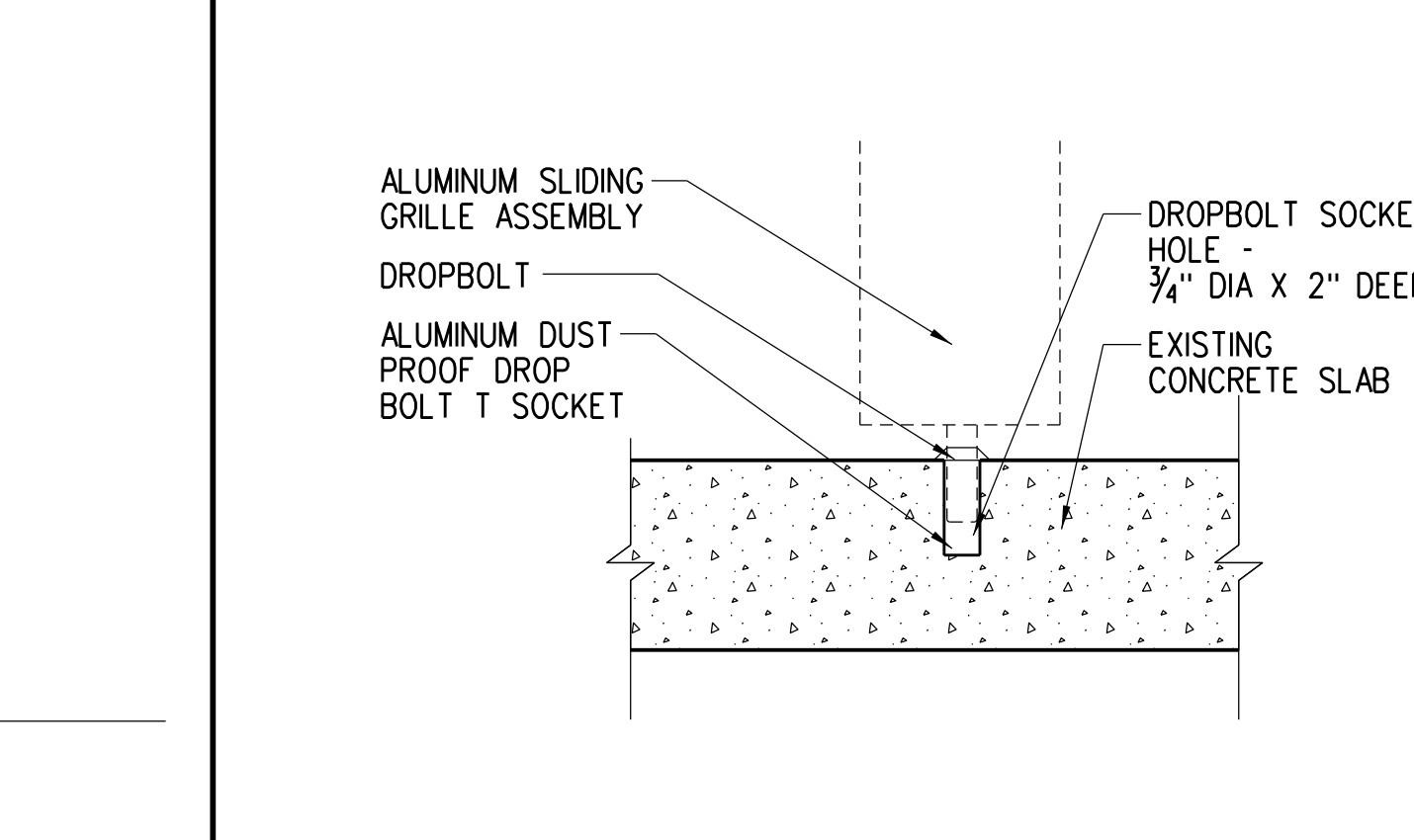
PLSC	PLASTIC LAMINATED SOLID CORE WOOD	ALUM	ALUMINUM	HM	HOLLOW METAL VISION PANEL
PGHM	PAINTED GALVANIZED HOLLOW METAL	ER	EXISTING TO REMAIN	VP	VISION PANEL
				SS	STAINLESS STEEL
				PLAS	PLASTIC

- DOOR HARDWARE**
- GROUP LS (REAR DOOR) HARDWARE SET ONLY 4'-0" X 8'-0" DOOR**
 DELAYED EGRESS DEVICE TO BE PROVIDED BY GC NOTIFY ARCHITECT IF REQD. CONDITIONS CAN NOT BE MET PER NFPA 101, 7.2.1.6.1.
 EXIT, PANG BAR
 4 EACH HINGES
 1 ALARMED EXIT DEVICE
 1 CYLINDER FOR ALARM
 1 EA LATCH PROTECTOR
 1 EA CLOSER W/ STOP, H.O.
 1 EA ONE-WAY VIEWER
 1 EA THRESHOLD
 1 SET WEATHER STRIP
 1 EACH DOOR SWEEP
 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 "SMOOTHER" 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.

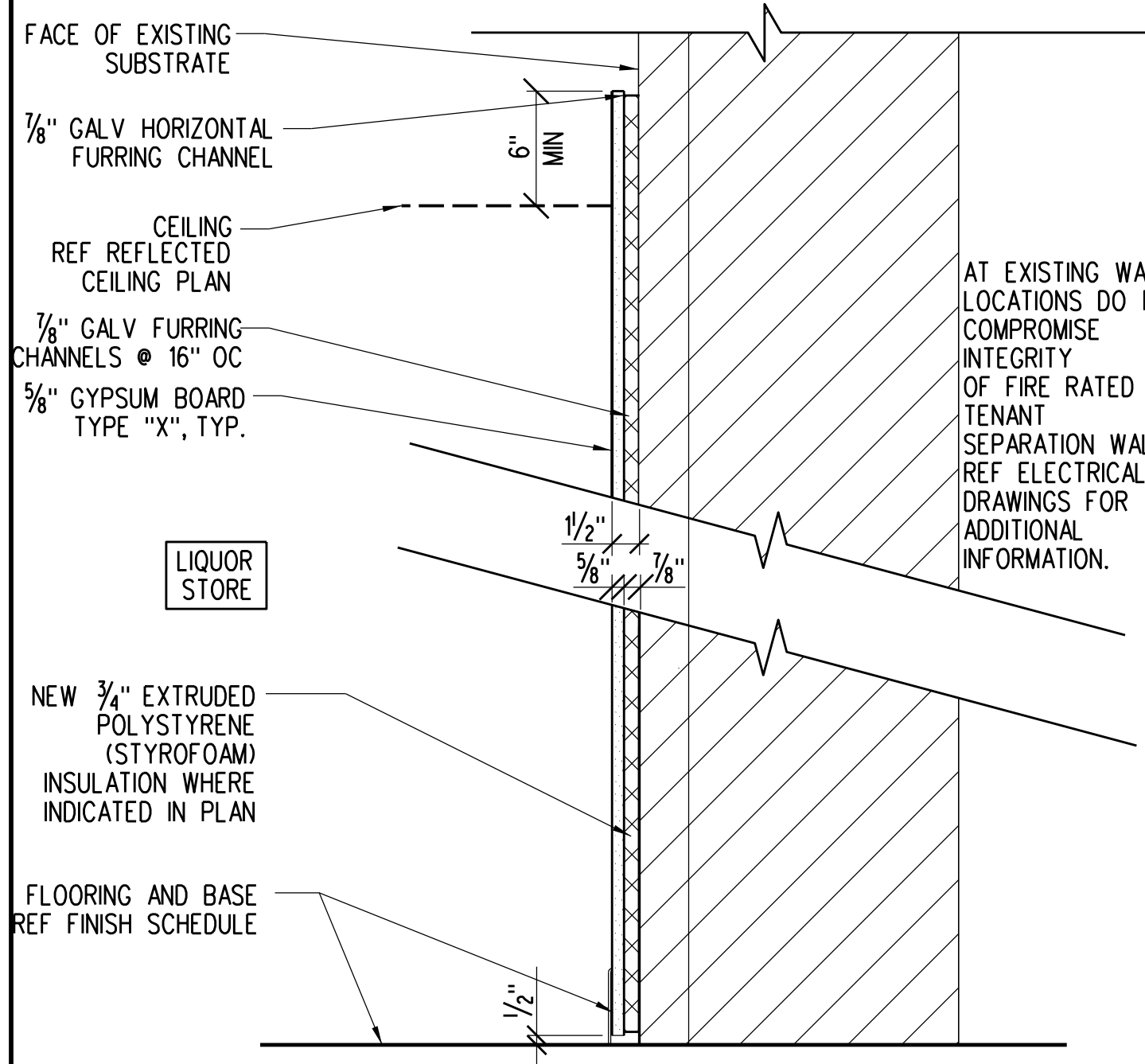
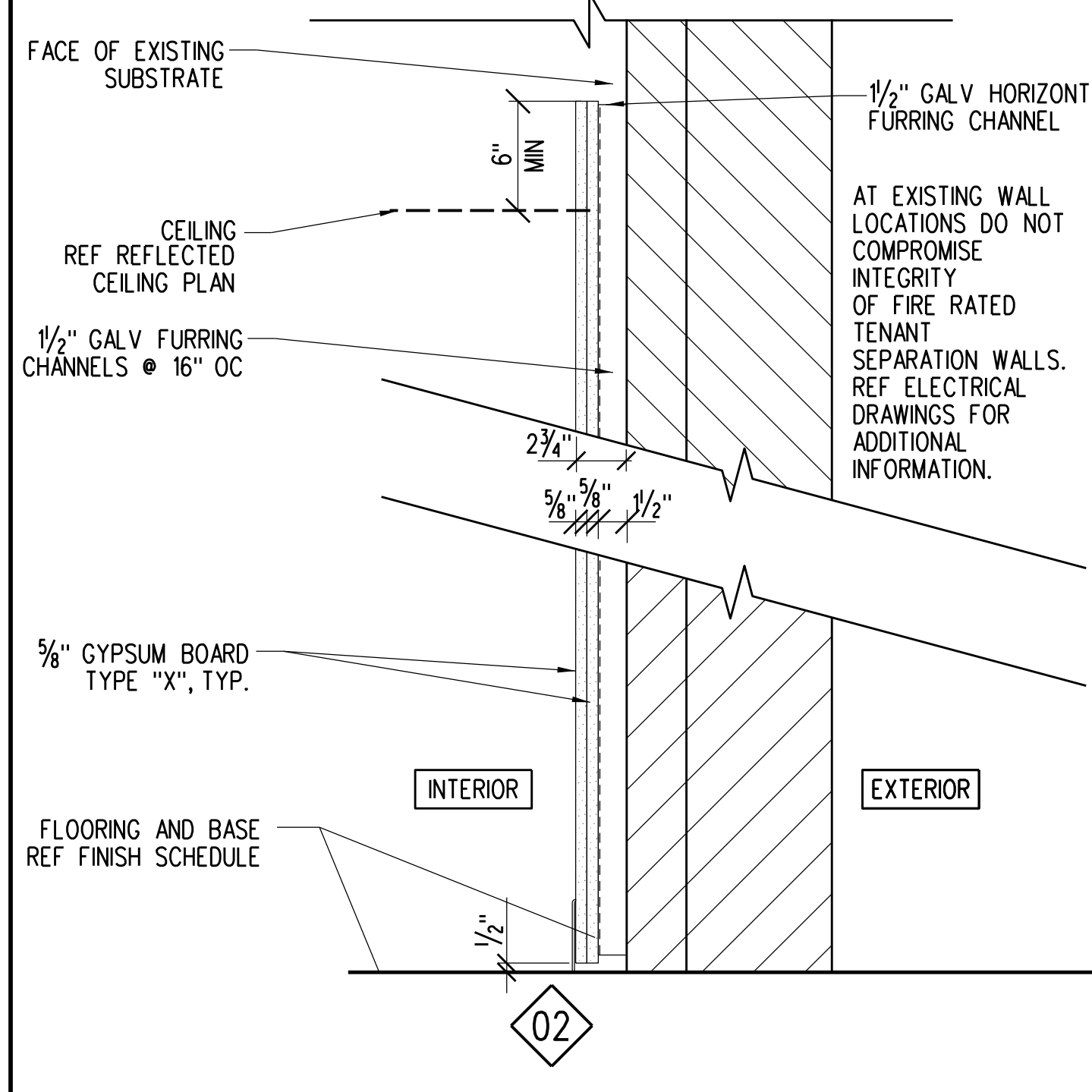
- GROUP D (STORAGE)**
 LOCKSET, CAN BE DISABLED FROM INSIDE: OFFICES, BOOKKEEPING/ CONFERENCE, TRAINING ROOMS, STORAGE ROOMS
 3 EACH HINGES
 1 EACH ENTRANCE LOCKSET
 1 EACH DOOR STOP
 3 EACH SILENCERS
GROUP D-1 (UNISEX (FAMILY) ACCESSIBLE TOILET)
 LOCKSET, CAN BE DISABLED FROM INSIDE - SINGLE TOILETS
 3 EACH HINGES
 1 ENTRANCE LOCKSET
 1 DOOR STOP
 1 EACH CLOSER
 3 EACH SILENCERS



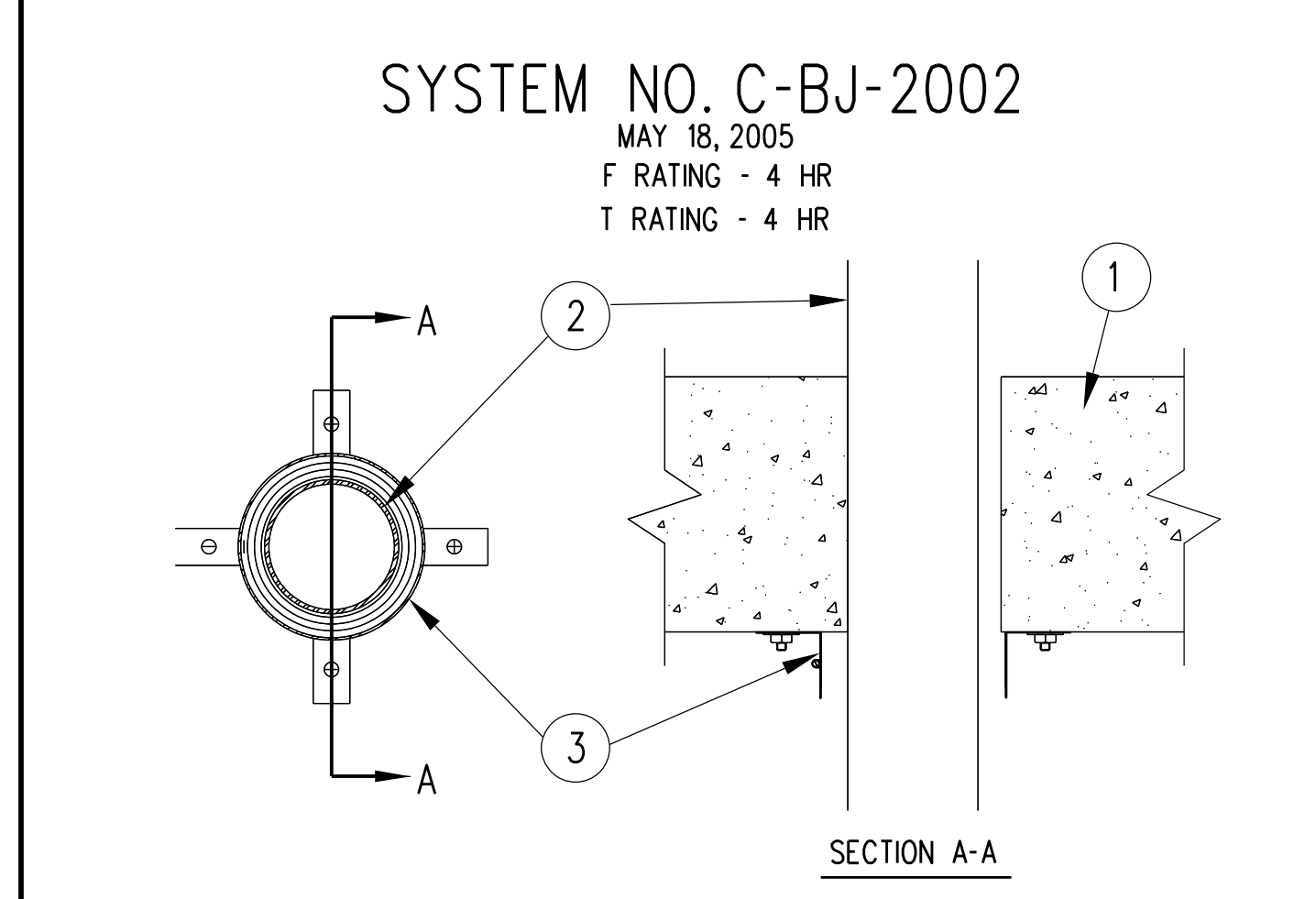
A1 METAL FRAME AT MASONRY OPENING
 Scale: 1/2" = 1'-0"



A2 ENTRANCE DOOR SILL
 Scale: 1/2" = 1'-0"

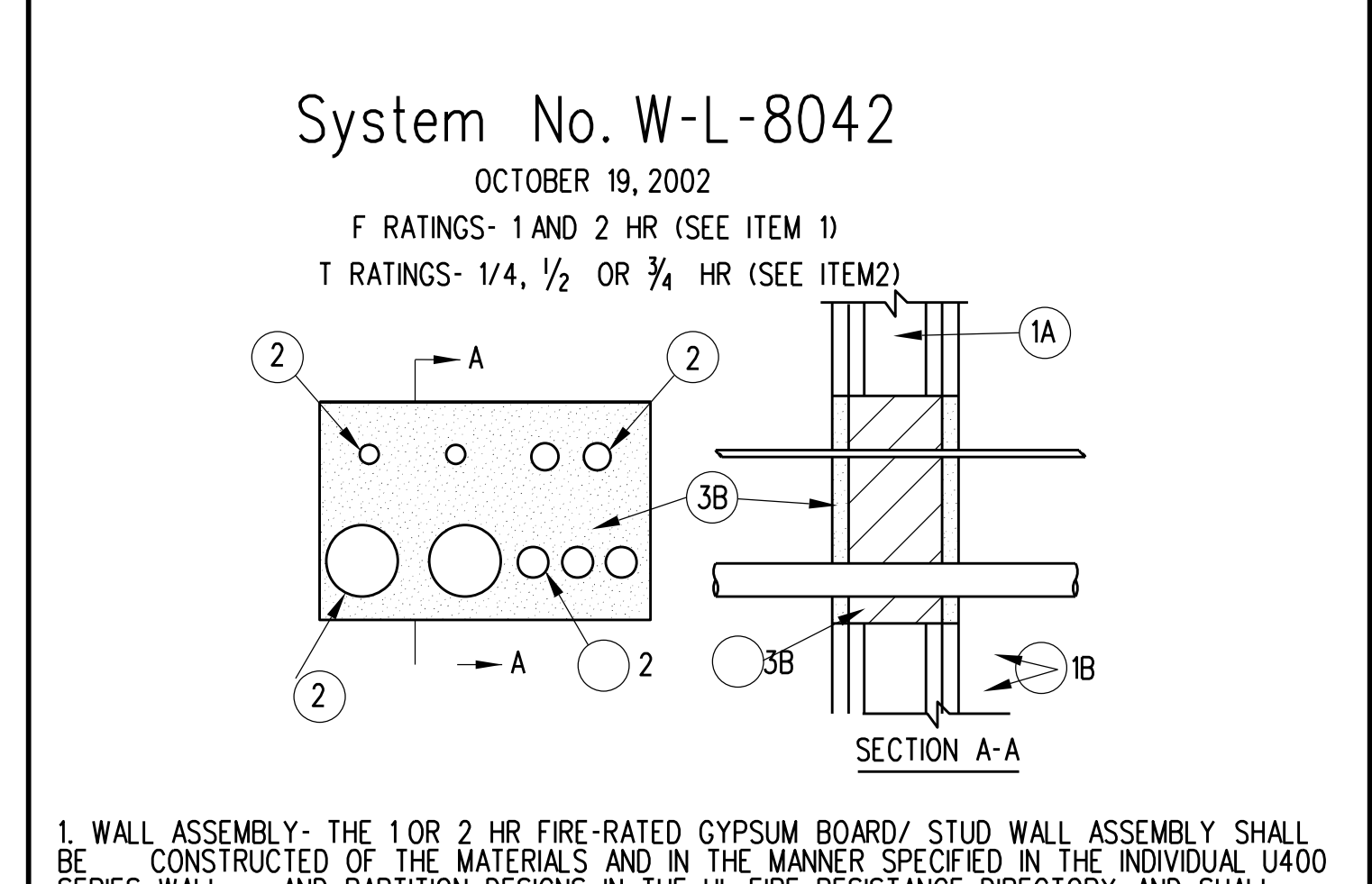


02 SYSTEM NO. C-BJ-2002
 01 PARTITION TYPES
 Scale: 1/2" = 1'-0"



- 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
- FLOOR OR WALL ASSEMBLY: NORMAL WEIGHT (100-150 PCF OR 1600-2400 KG/M3) CONCRETE. WALL MAY ALSO BE CONSTRUCTED OF ANY UL CLASSIFIED CONCRETE OF ANY MIN 6 IN (152 MM) THICK UL CLASSIFIED HOLLOW-CORE CONCRETE UNIT. SEE CONCRETE BLOCKS FIRE RESISTANCE DIRECTORY FOR NAMES OF MANUFACTURERS.
 - THROUGH PENETRANTS: CONCENTRICALLY OR ECCENTRICALLY WITHIN THE FIRESTOP SYSTEM, THE ANNULAR SPACE BETWEEN THE PENETRANT AND THE PERIPHERY OF THE OPENING SHALL BE A MIN 0 IN (POINT CONTACT) TO A MAX 1/2 IN (13 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. CHLORIMATED POLYVINYL CHLORIDE (CPVC) 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.
 - D. SCRYPOLONITRILE 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 (FFPP) PIPE
 - SMALLER SCHEDULE 40 FRPP PIPE FOR USE IN CLOSED (PROCESS OR SUPPLY) OR VENTED (DRAIN, WASTE OF 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.
 - 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 1/8 IN (5 MM) DIAM BY MIN 1/4 IN (32 MM) LONG STEEL MASONRY FASTENERS IN CONJUNCTION WITH MIN 1/4 IN (32 MM) DIAM TEE FENDER WASHERS MIN OF TWO, THREE OR FOUR FASTENERS, SYMMETRICALLY LOCATED, FOR NOM 2 IN (51 MM) DIAM (AND SMALLER), NOM 3 IN (76 MM) DIAM AND NOM 4 IN (102 MM) DIAM PIPES, RESPECTIVELY.
 - 3M COMPANY
 - FILL VOID OR CAVITY MATERIALS - CAULK, SEALANT OR PUTTY: MIN 1/4 IN (6 MM) THICKNESS OF CALD 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)

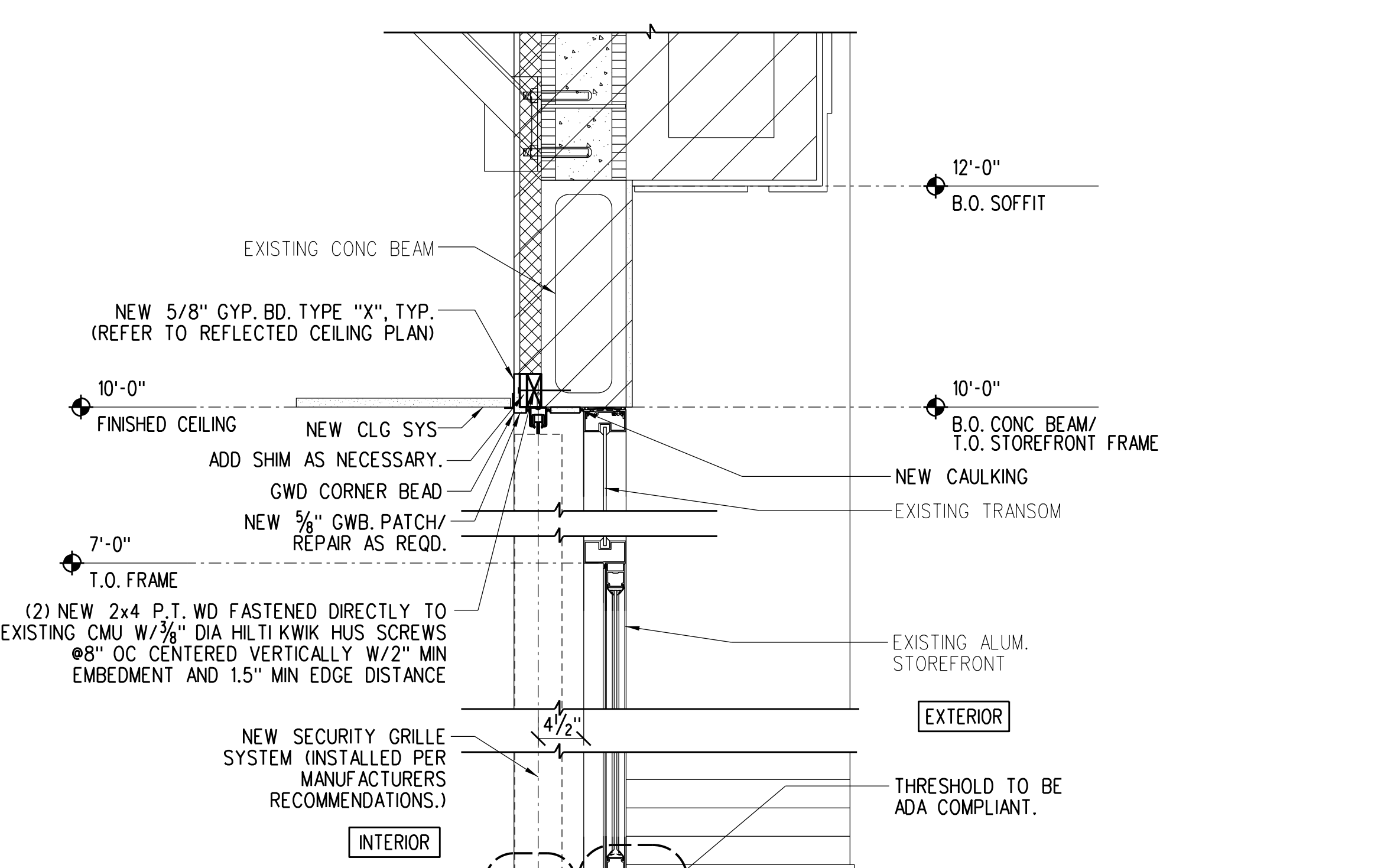
C4 FIRE RATING DEVICE (UP TO 4-HR) AT PUBLIX MASONRY WALL
 Scale: 1/2" = 1'-0"



- 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 1/2 IN WIDE BY MIN 3/2 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.
- 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 3/12 IN AND BETWEEN PENETRANTS AND PERIPHERY OF OPENING SHALL BE MIN 1/4 IN TO MAX 3/12 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 (X)HY 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 (DX)Z2 CATEGORY IN THE ELECTRICAL CONSTRUCTION MATERIALS DIRECTORY FOR NAMES OF MANUFACTURERS.
- 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 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 1/4 IN THICKNESS OF FILL MATERIAL APPLIED WITHIN THE ANNULUS, FLUSH WITH BOTH SURFACES OF WALL.
 - RECTORSEAL - METACALK 1000
 - BEARING THE UL CLASSIFICATION MARK

C5 LIGHT GAGE STUD WALL PENETRATION FIRESTOP DETAIL
 Scale: 1/2" = 1'-0"

C3 PARTITION TYPES
 Scale: 1/2" = 1'-0"



B5 NOT USED
 Scale: 1/2" = 1'-0"



A3 SECURITY GATE SOFFIT DETAIL
 Scale: 1/2" = 1'-0"



A5 NOT USED
 Scale: 1/2" = 1'-0"

GENERAL REQUIREMENTS AND DESIGN CRITERIA

1. CODES AND REQUIREMENTS
 FLORIDA BUILDING CODE 2020, PUBLISHED BY THE FLORIDA BUILDING COMMISSION, AMERICAN SOCIETY OF CIVIL ENGINEERS, ASCE 7-16.
2. 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: 27 PSF
 RAIN INTENSITY: 4.5 IN/HR
 ULTIMATE DESIGN WIND SPEED 150 MPH
 NOMINAL DESIGN WIND SPEED 116 MPH
 RISK CATEGORY II
 WIND EXPOSURE C
 ENCLOSURE CLASSIFICATION ENCLOSED
 INTERNAL PRESSURE COEFFICIENT ±0.18

DESIGN WIND PRESSURES (COMPONENTS AND CLADDING)			
LOCATION	ZONE	WINDWARD	LEEWARD
ROOF	1	-20.6 PSF	-80.6 PSF
	1'	-20.6 PSF	-46.3 PSF
	2	-20.6 PSF	-106.3 PSF
WALL	3	-20.6 PSF	-144.9 PSF
	4	-46.3 PSF	-50.2 PSF
	5	-46.3 PSF	-61.8 PSF

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

- PRESSURES LISTED ARE ULTIMATE, MULTIPLY BY 0.6 FOR ALLOWABLE.
 3. ELEVATIONS ARE TO FINISHED FLOOR ELEVATION 0'-0" UNLESS NOTED OTHERWISE.
 4. VERIFY ALL EXISTING CONDITIONS AFFECTING WORK PRIOR TO BEGINNING OF FABRICATION OR CONSTRUCTION. NOTIFY ARCHITECT OF DEVIATIONS OR CONFLICTS.
 5. SHORING REQUIRED FOR THE STABILITY OF THE UNCOMPLETED STRUCTURE OR FOR INSTALLATION OR MODIFICATION OF STRUCTURAL MEMBERS SHALL BE THE CONTRACTOR'S RESPONSIBILITY.

FOUNDATION

1. EXCAVATION/FILL/BACKFILL: SEE GEOTECH REPORT AND/OR SPECIFICATIONS.
 2. MINIMUM REQUIRED SOIL BEARING VALUE: 2000 PSF
 3. SUBGRADE BELOW FOOTINGS SHALL BE COMPACTED TO A MINIMUM OF 98% MODIFIED PROCTOR (ASTM D-1557) TO A MINIMUM DEPTH OF 2'-0".
 4. 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".
 5. SITE FILL AND BACKFILL, WHERE REQUIRED, SHALL BE WELL GRADED GRANULAR MATERIAL WITH A MAXIMUM OF 10 PERCENT PASSING A NO. 200 SIEVE.
 6. CONTRACTOR TO PROVIDE GEOTECHNICAL TESTING OF SUBGRADES PRIOR TO PLACING CONCRETE. SUBMIT COPIES OF TEST RESULTS TO OWNER AND ARCHITECT.
 7. FIELD LOCATE EXISTING UTILITIES AND SITE STRUCTURES. ADVISE ARCHITECT OF ANY CONFLICTS. DO NOT REMOVE ANY EXISTING STRUCTURES WITHOUT OWNER AUTHORIZATION.

CONCRETE

1. 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.
2. 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

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

STEEL

1. DESIGN/CONSTRUCTION CRITERIA
 AMERICAN INSTITUTE OF STEEL CONSTRUCTION, AISC:
 SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS, AISC/AISI 360-16.
 AMERICAN WELDING SOCIETY, AWS:
 STRUCTURAL WELDING CODE - STEEL, AWS D1.1, 2020 AND AWS D1.3, 2018.
2. 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)
3. DIMENSIONS (UNLESS NOTED OTHERWISE)
 TO CENTERLINE OF COLUMNS AND BEAMS.
 TOP SURFACES OF TOP FLANGES OF BEAMS.
 BACK OF CHANNELS AND ANGLES.
4. ELEVATIONS SHALL REFER TO TOP OF SURFACE OF MEMBER AND TOP OF BEARING PLATES.
5. BOLTED CONNECTIONS (UNLESS NOTED OTHERWISE)
 MINIMUM BOLT DIA: 3/4"
 MINIMUM TWO (2) BOLTS PER CONNECTION
 TIGHTEN TO SMUG TIGHT CONDITION.
6. 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.
7. 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).
8. ALL EXPOSED STRUCTURAL STEEL SHALL BE HOT-DIP GALVANIZED PER ASTM A123.

MASONRY

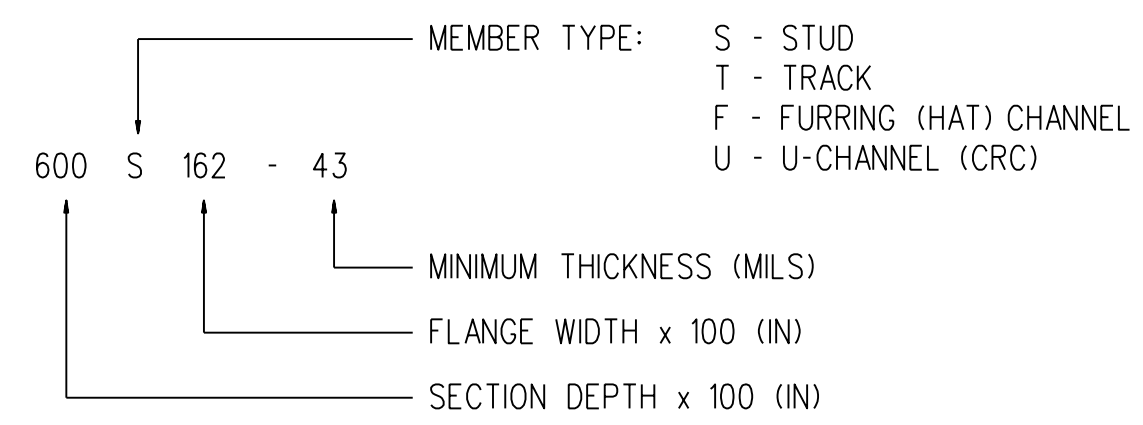
1. DESIGN/CONSTRUCTION CRITERIA
 BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES, TMS 402-16.
 SPECIFICATIONS FOR MASONRY STRUCTURES TMS 602-16.
2. MATERIALS
 CONCRETE UNIT MASONRY: ASTM C90, GRADE N, F_m 1500 PSI/MIN.
 MORTAR: ASTM C270, TYPE N OR S.
 HORIZONTAL REINFORCING IN WALLS: PREFABRICATED, GALVANIZED, TRUSS TYPE, MINIMUM OF 2-#3 GAGE WIRES AND CROSS TIES, AT 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

MASONRY (CONTINUED)

3. WALL: 8" NOMINAL (UNLESS NOTED OTHERWISE).
 4. EXTERIOR WALLS AND INTERIOR LOAD BEARING WALL: REFER TO PUBLIX DRAWINGS (UNLESS NOTED OTHERWISE)

COLD-FORMED METAL FRAMING

1. DESIGN/CONSTRUCTION CRITERIA:
 LATEST EDITION OF AMERICAN IRON AND STEEL INSTITUTE (AISI) "SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS"
 2. STEEL STUDS SHALL MEET THE FOLLOWING CRITERIA:
 GALV G-60 ASTM A 1003. MINIMUM YIELD STRESS SHALL BE 50 KSI FOR 97-MIL, 68-MIL & 54-MIL AND 33 KSI FOR 43-MIL & 33-MIL.
 3. MINIMUM SECTION PROPERTIES SHALL BE AS PUBLISHED BY SSMA PRODUCT TECHNICAL INFORMATION.
 4. STUDS SHALL BE PLUMBED, ALIGNED AND SECURELY ATTACHED TO THE FLANGES OF BOTH UPPER AND LOWER TRACKS, UNLESS NOTED OTHERWISE.
 5. HORIZONTAL WALL BRIDGING SHALL BE INSTALLED AT A SPACING NOT TO EXCEED 4'-0", UNLESS NOTED OTHERWISE.
 6. TRACK SHALL BE SECURELY ANCHORED AS SHOWN IN SHOP DRAWINGS USING THE SPECIFIED ANCHORS (OR EQUAL).
 7. CONTRACTOR SHALL PROVIDE TEMPORARY BRACING UNTIL ERECTION IS COMPLETE.



NOTE: FOR "T" SECTIONS, DEPTH IS MEASURED INSIDE TO INSIDE OF FLANGES.

COLD-FORMED STEEL NOMENCLATURE

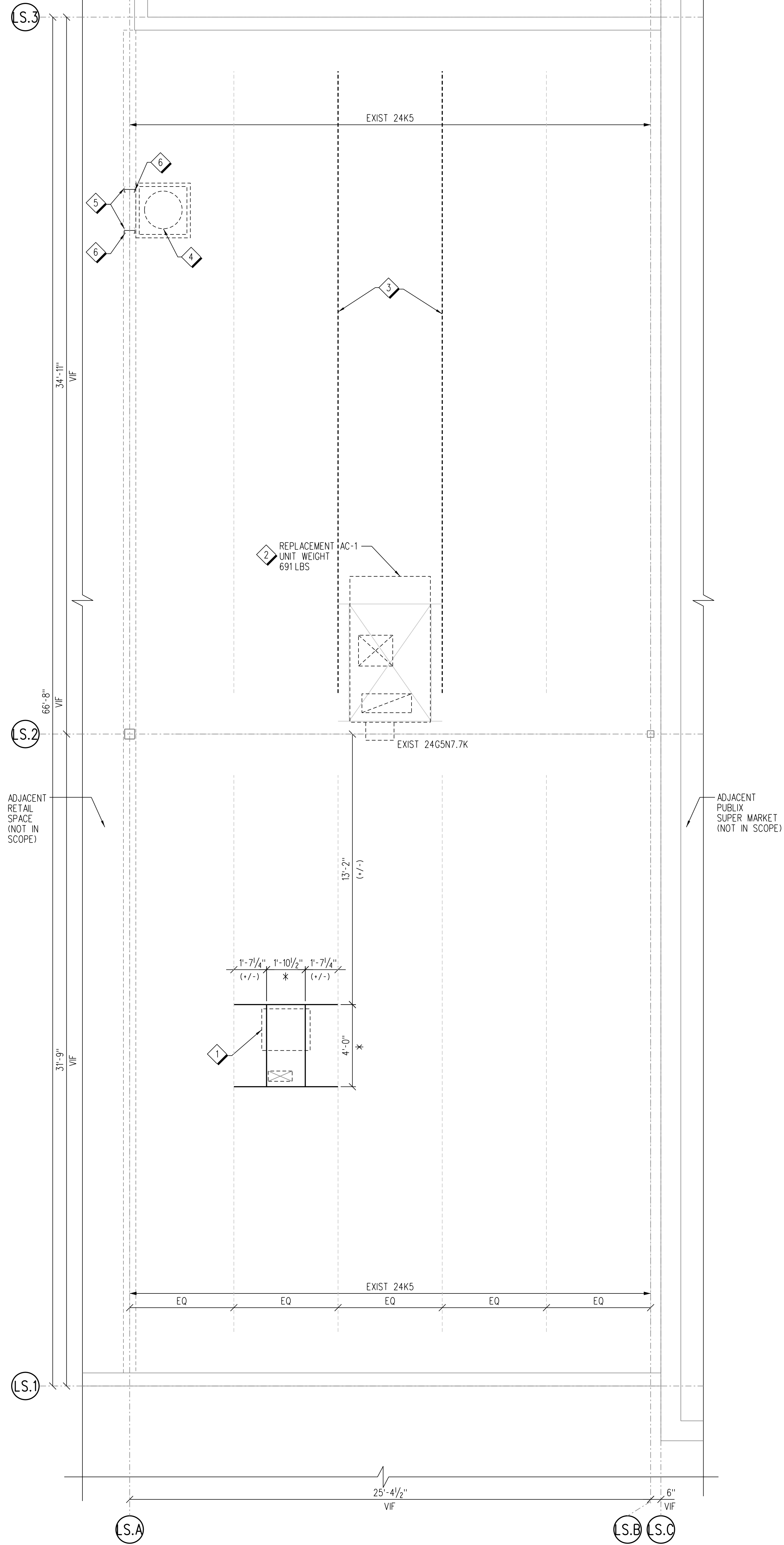
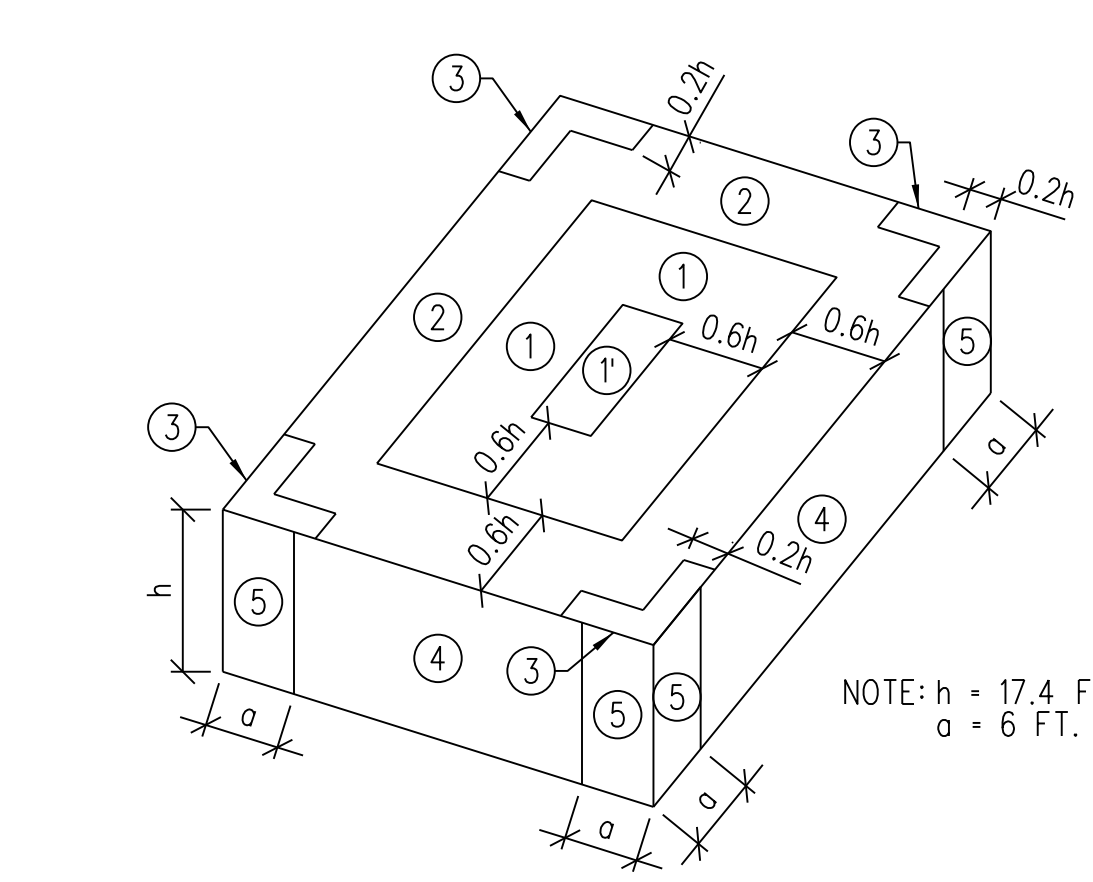
MINIMUM THICKNESS (MLS)	DESIGN THICKNESS (IN)	REFERENCE GAUGE
33	0.0346	20
43	0.0451	18
54	0.0566	16
68	0.0713	14
97	0.1017	12
118	0.1242	10

NOTE: 1 MIL = 1/1000 IN

8. ALL SCREWS HAVE A MINIMUM SPACING OF 3/4" AND A MINIMUM EDGE DISTANCE OF 3/4".
 9. ALL WELDS ARE E60XX FILLET WELDS (UNLESS NOTED OTHERWISE). WELD SIZE TO MATCH THICKNESS OF MATERIAL. FLARE BEVEL WELDS SHALL BE FILLED FLUSH.
 10. DIAGONAL BRACING:
 14 GA FLAT STRAP BRACING AS INDICATED ON PLAN.
 (2) 6"x 18 GA METAL STUDS LOCATED AT EACH END OF FLAT STRAP BRACING.

ABBREVIATIONS

A/E	ARCHITECT/ENGINEER	LB	POUND
ACI	AMERICAN CONCRETE INSTITUTE	LLH	LONG LEG HORIZONTAL
ADOL	ADDITIONAL	LLV	LONG LEG VERTICAL
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	MAX	MAXIMUM
AISI	AMERICAN IRON AND STEEL INSTITUTE	MECH	MECHANICAL
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	MFR	MANUFACTURER
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	MIN	MINIMUM
ARCH	ARCHITECT, ARCHITECTURAL	N	NORTH
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	NA	NOT APPLICABLE
AWS	AMERICAN WELDING SOCIETY	NTS	NOT TO SCALE
CJ	CONTROL JOINT	OC	ON CENTER
CLR	CLEAR	OH	OPPOSITE HAND
CMU	CONCRETE MASONRY UNIT	OPNG	OPENING
COL	COLUMN	OPP	OPPOSITE
CONN	CONNECTION	PL	PLATE
CONT	CONTINUOUS	PREFAB	PREFABRICATED
DEMO	DEMOLITION	PSF	POUNDS PER SQUARE FOOT
DET, DTL	DETAIL	PSI	POUNDS PER SQUARE INCH
DIA	DIAMETER	QTY	QUANTITY
DM	DIMENSION		
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
EL	ELEVATION	SPEC	SPECIFICATIONS
ELEC	ELECTRIC OR ELECTRICAL	SQ	SQUARE
ENGR	ENGINEER	STD	STANDARD
EQ	EQUAL	STIFF	STIFFENER
EXIST	EXISTING		
EXT	EXTERIOR OR EXTERNAL	THRU	THROUGH
EW	EACH WAY	T/	TOP OF
		TYP	TYPICAL
FDN	FOUNDATION	UNO	UNLESS NOTED OTHERWISE
FFE	FINISHED FLOOR ELEVATION		
FP	FULL PENETRATION WELD	VERT	VERTICAL
FT	FOOT OR FEET	VF1	VERIFY IN FIELD
GA	GAGE/GAUGE	VF	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	Ø	CENTERLINE
JT	JOINT	-/-	PLUS OR MINUS
K	KIPS		
KSI	KIPS PER SQUARE INCH		



REFERENCE NOTES:

1. ALL EQUIPMENT EXISTING UNLESS NOTED OTHERWISE.
 2. SEE SHEET S-1 FOR GENERAL NOTES AND ABBREVIATIONS.
 3. SEE MECHANICAL DRAWINGS FOR DEMOLITION WORK NOT SHOWN ON THIS DRAWING.
 4. 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 UNLESS SPECIFICALLY NOTED ON PLANS.
 C. AT NO TIME SHALL THE SUPPORTING STRUCTURE BE LOADED WITH BOTH EXISTING AND REPLACEMENT EQUIPMENT UNLESS SPECIFICALLY NOTED 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.
 5. 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.
 6. JOIST DESIGNATIONS ARE BASED UPON FIELD MEASUREMENTS AND HISTORICAL DATA PROVIDED BY SJI. DESIGNATION IS FOR BASIS OF DESIGN ONLY.

KEY NOTES:

- NEW REFRIGERATION UNIT ON PREFAB PLATFORM CURB AND CAP WITH MOUNTING FRAME. REFERENCE DETAIL AS/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. CONNECTIONS OF SUPPORT FRAMING TO COLD FORMED STEEL STUDS SHALL BE DESIGNED BY MANUFACTURER.
- EXISTING STUD IS ASSUMED TO BE A 6" DEEP COLD FORMED STEEL STUD. OC FIELD VERIFY THAT THIS ASSUMPTION IS ACCURATE, REPORT ANY DISCREPANCIES TO EOR.
- PROVIDE NEW 600S137-43 COLD FORMED STEEL STUD PLACED BACK TO BACK WITH EXISTING COLD FORMED STEEL STUD. FASTEN NEW STUD TO EXISTING STUD WITH (2) #10 SCREWS AT 2'-0" OC VERTICALLY, WITH 3" SPACING.



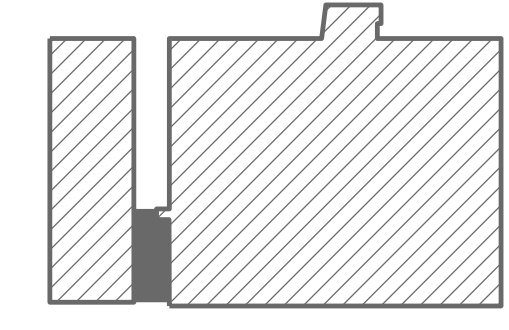
STRUCTURAL ENGINEER OF RECORD
 NAME: ADAM WARGA, P.E.
 REGISTRATION: FLORIDA REG. #F082513

Seal

Revision:
 Date: By: Description:

Publix super markets, inc.
 CORPORATE OFFICES:
 FACILITIES DESIGN DEPT.
 BOX 4077 LAKELAND, FL 33802
 TELEPHONE (863)888-1188
 PUBLIC STORE #1013: PUBLIX WINE AND SPIRITS
 QUESAADA COMMONS
 1946T COCHRAN BOULEVARD SUITE 1000
 PORT CHARLOTTE, FLORIDA 33948

Key Plan:



PROJECT TRUE NORTH

Jacobs Project No.: F6-W752-00-1013.S

Drawing Title:

ABBREVIATIONS,
 GENERAL NOTES, AND
 ROOF FRAMING PLAN

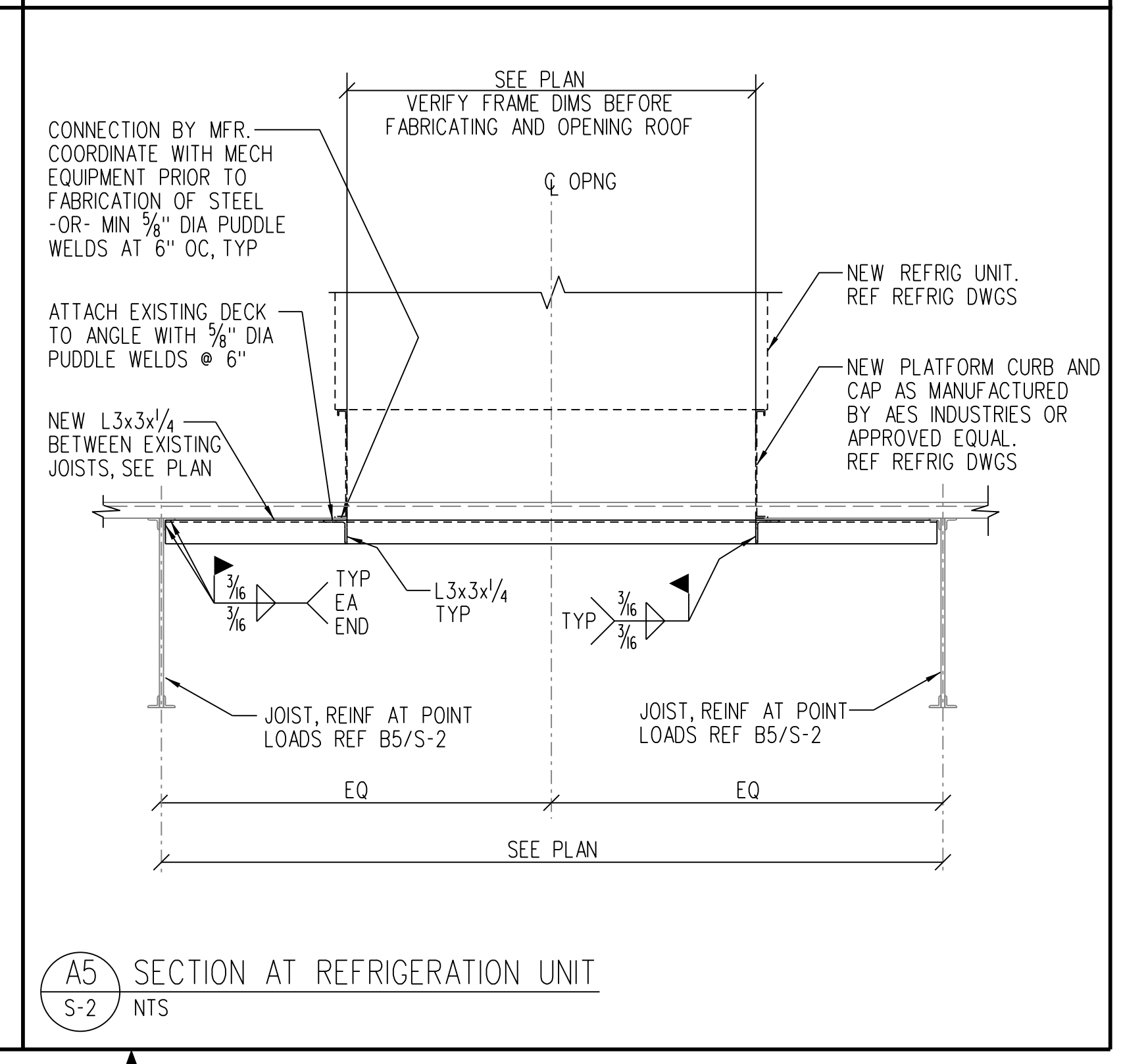
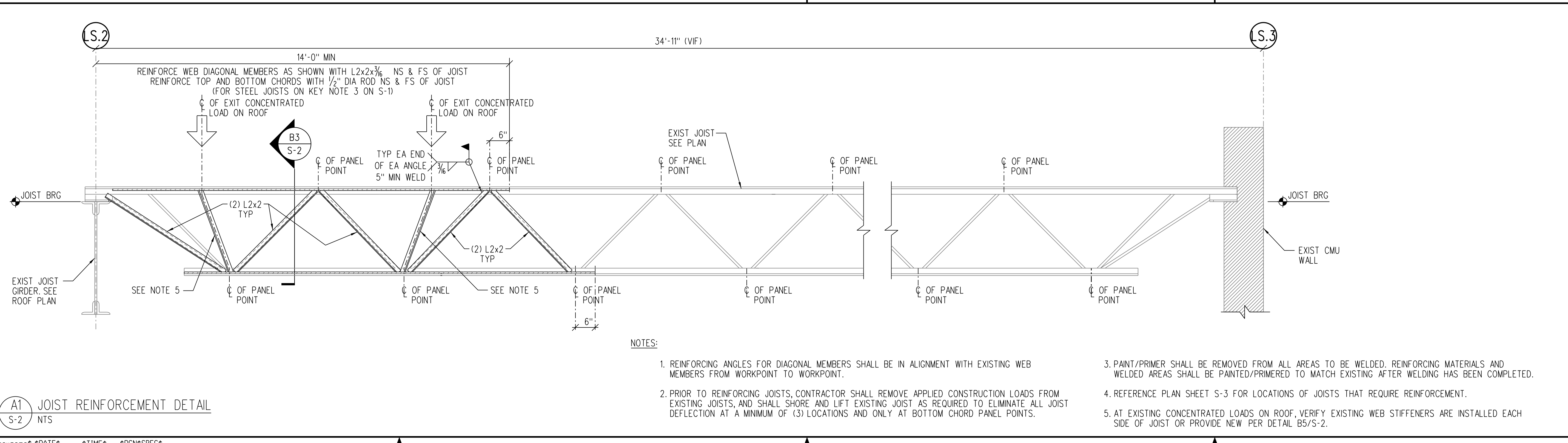
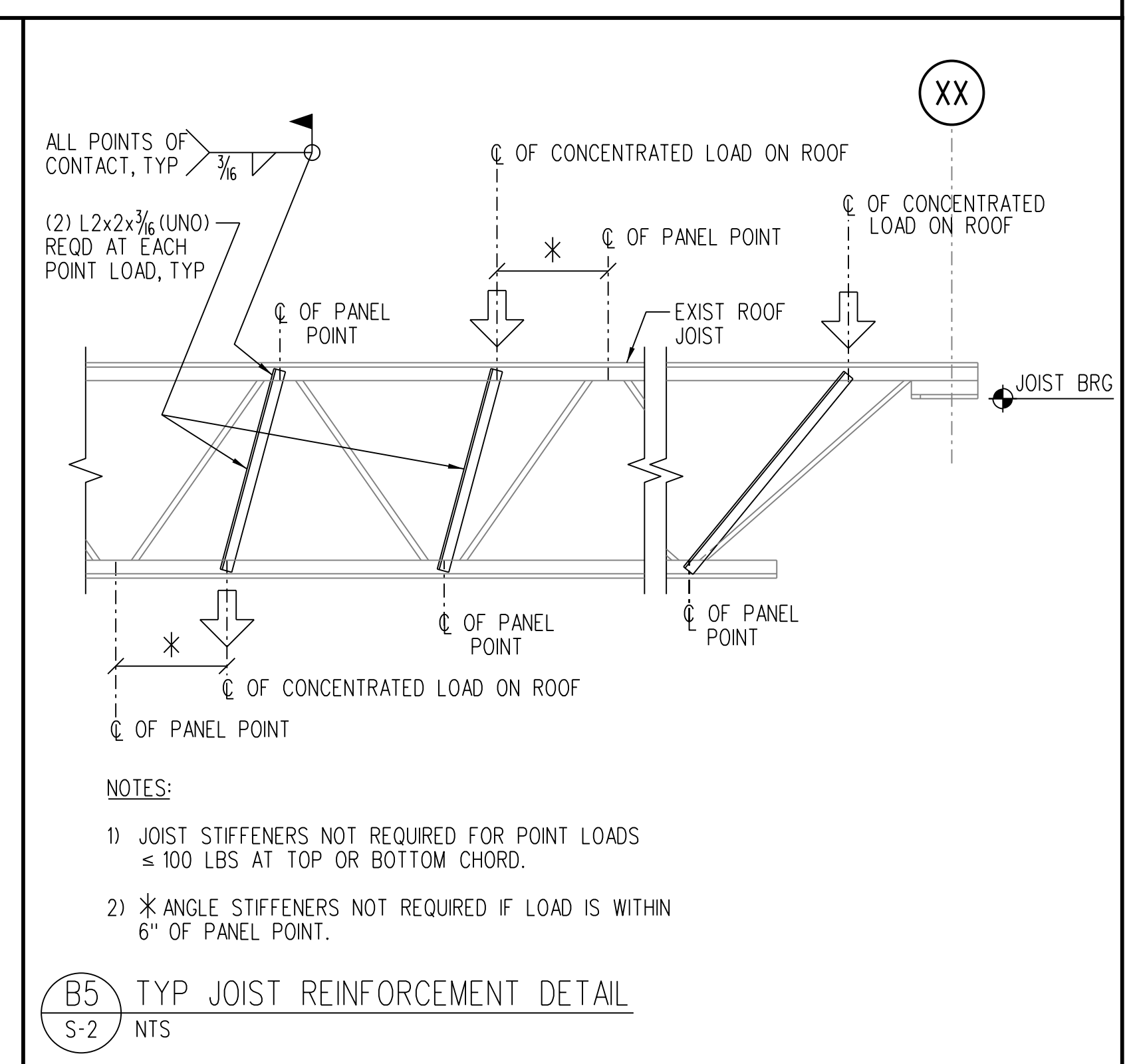
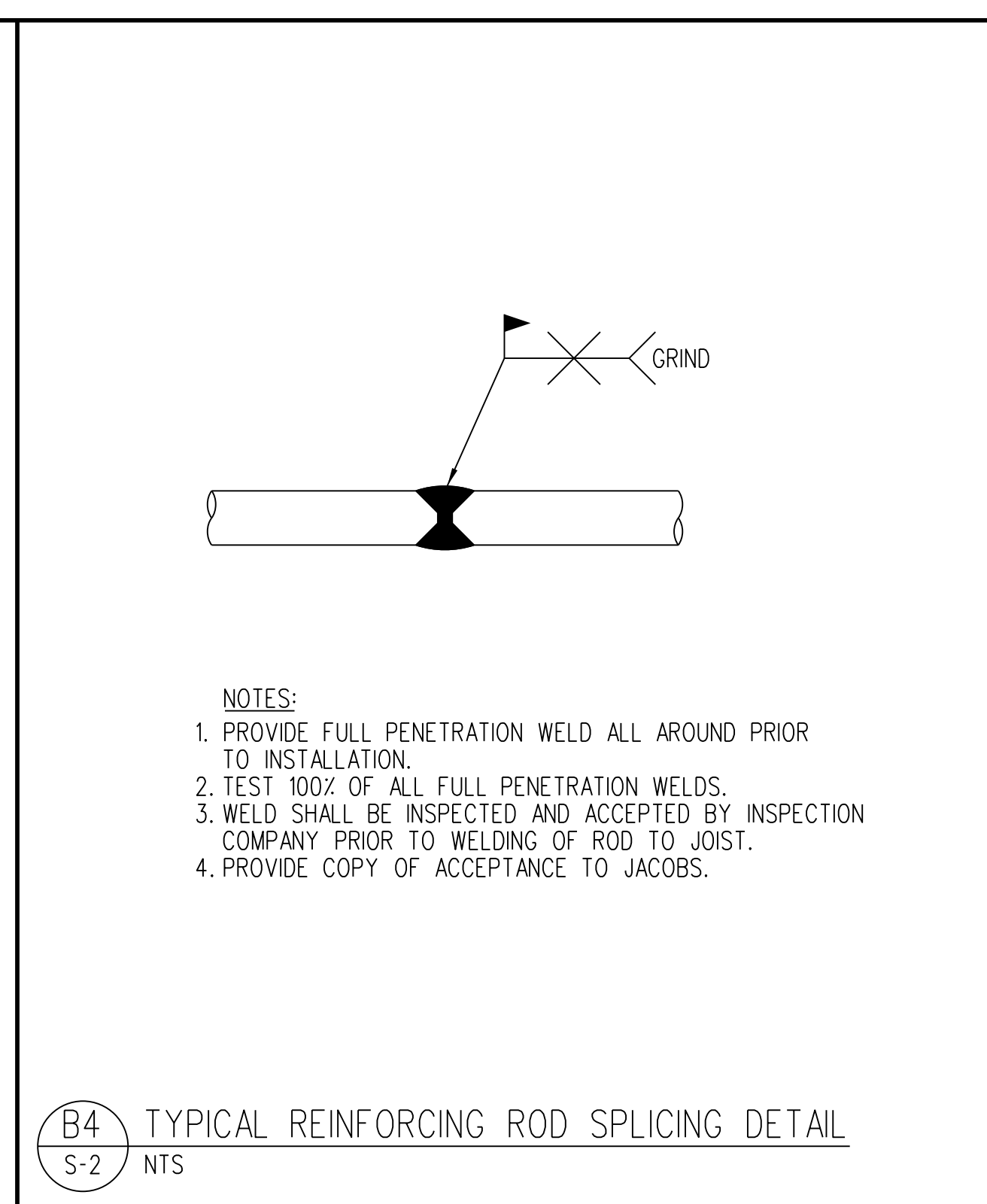
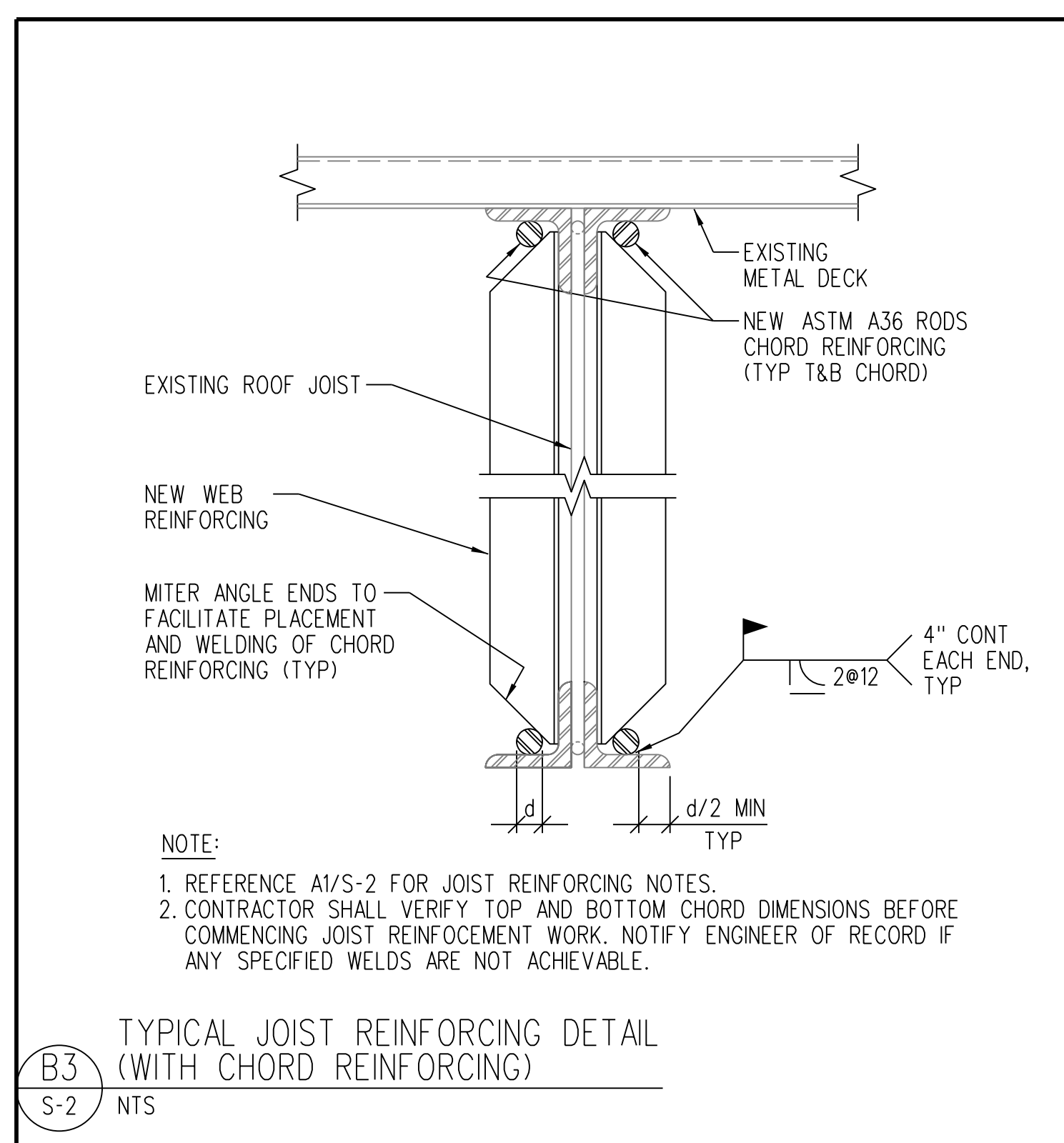
Date: 07/22/22

Designed By: S BAPTISTA

Drawn By: S BAPTISTA

Checked By: A WARGA

S-1



LIGHTING FIXTURE SCHEDULE					
MARK	MANUFACTURER	CATALOG NUMBER	LAMP STOCK NUMBER	DESCRIPTION	LUMINAIRE WATTAGE
EM	DUAL-LITE	CVEC30	INCLUDED	2-LAMP BATTERY BACK-UP FIXTURE	4
D12	LITHONIA	FHR22 55L LP832 SCT WPF6494	LED DRIVER	2x2 LED CRACKED ICE, 5500LM, 3250K, ICE CHP, 1 CIRCUIT, LAY-IN (GRID)	46
H6	LITHONIA	2GTL220LRW120/277EZNLP835GLRSPDNAPX	LED DRIVER	2x2 LED, PRISMATIC, 2267LM, 3500K, 1 CIRCUIT LAY-IN (GRID)	17
RR21	LITHONIA	CLX L48 10000LM SEP. ROL. MVOLT GZD 35K SDCR SPD SLR WH WAPX RFD264746	LED DRIVER	4' CLX, 3500K, 10000LM, LENSED, SURFACE	67
T34	ACCESS LIGHTING	28030-1C-BS/OPL		OPAL DIFFUSER 100W PENDANT WITH BRUSHED STEEL FINISH, MTG. HT. 67"-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-I	MOTOR RATED SWITCH	47" AFF OR AS NOTED
\$3	HUBBELL	HBL1223/97071	20 AMP, THREE WAY "T" RATED SWITCH	47" AFF OR AS NOTED
\$51	HUBBELL	IWS2P3P-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
Ⓜ (CFI)	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
Ⓜ (15)			FUSED DISCONNECT SWITCH SIZED FOR APPLICATION EX: 30-AMPERE SIZE, (15)-FUSE SIZE, (NF)-NON FUSED	
Ⓜ			MOTOR - WATT SIZES AS INDICATED	
Ⓜ			POWER POLE	
Ⓜ			JUNCTION BOX	AS NOTED
ELECTRICAL PANEL				
CONDUIT CONCEALED IN WALL OR ABOVE CEILING WITH 2" x 1/2", #12G, 3/4" C. MIN UON				
CONDUIT CONCEALED BELOW FLOOR SLAB OR FINISHED GRADE WITH 2" x 1/2", #12G, 3/4" C. MIN UON				
UPS UNINTERRUPTIBLE POWER SUPPLY				
[HSA] [HSC]	E.W.S. CONTROL HUMIDISTAT - SUPPLIED BY PUBLIX, INSTALLED BY CONTRACTOR			AT ELEV. 8'-2" AFF TO
[T] [T]	E.M.S. CONTROL THERMOSTAT - SUPPLIED BY PUBLIX, INSTALLED BY CONTRACTOR			CENTER OR AS NOTED
[RT]	REMOTE TEST STATION FOR SMOKE DETECTOR			48" A.F.F.

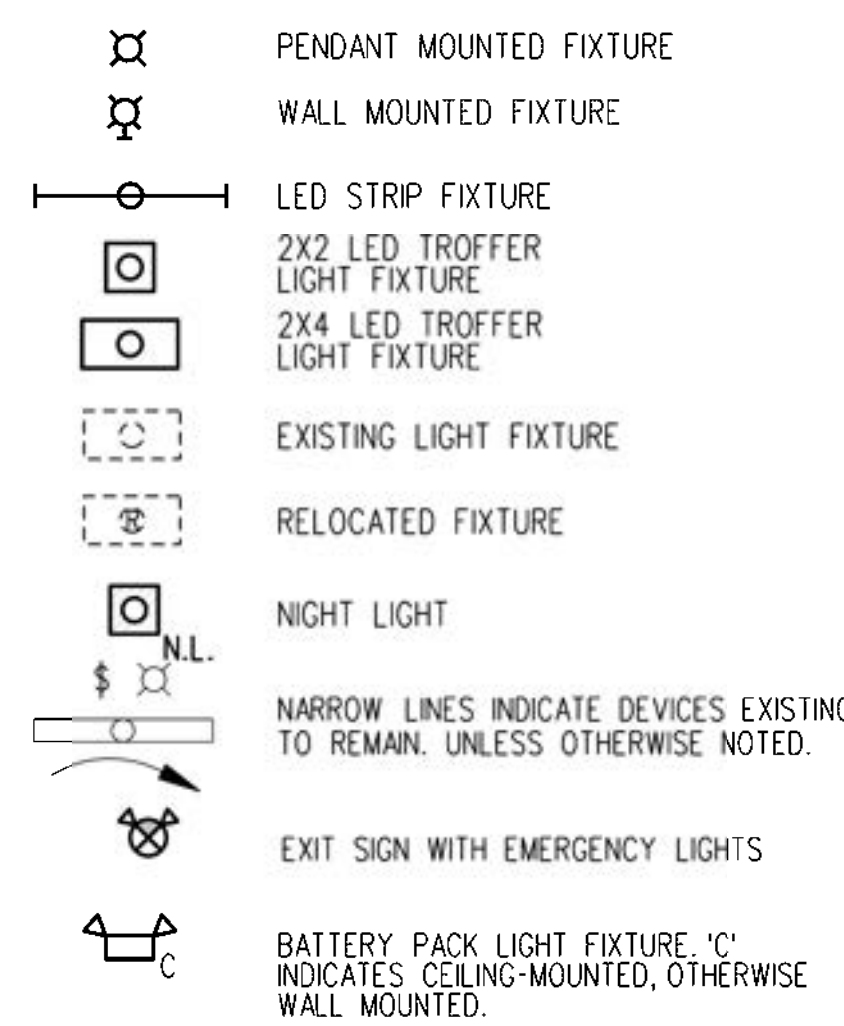
ALL RECEPTACLES SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. ALL PART NUMBERS ARE HUBBELL.

ABBREVIATION LIST

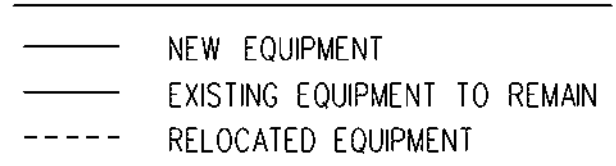
(NOT ALL ABBREVIATIONS LISTED MAY BE USED ON THIS PROJECT)

A	AMP	MEFB	MAIN ENTRANCE FEED BOX
AFC	AVAILABLE FAULT CURRENT	MH	MOUNTING HEIGHT
AC	AMPERES INTERRUPTING CAPACITY	MLO	MAIN LUG ONLY
AF	ABOVE FINISHED FLOOR	MK	MUZAK SOUND SYSTEM
AWG	AMERICAN WIRE GAUGE	N	NEUTRAL
C	CONDUIT OR CONDUCTOR-AS APPLICABLE	NEC	NATIONAL ELECTRICAL CODE
CB	CIRCUIT BREAKER	NL	NIGHT LIGHT (UNSWITCHED CKT.)
CKT	CIRCUIT	NTS	NOT TO SCALE
CLG	CEILING	P	POLE
CR	CASH REGISTER	PB	PULL BOX
E.D.F.	ELECTRIC WATER FOUNTAIN	PNL	PANEL
ELEC	ELECTRICAL / ELECTRIC	PWR	POWER
EMSA	EMERGENCY MANAGEMENT SYSTEM A	RPT	RECEPTACLE
FA	FIRE ALARM	SH	SHIELDED
FACP	FIRE ALARM CONTROL PANEL	UON	UNLESS OTHERWISE NOTED
FAPS	FIRE ALARM POWER SUPPLY	UPS	UNINTERRUPTIBLE POWER SUPPLY
FLUOR	FLUORESCENT	V	VOLT
G, GND	GROUND	W	WIRE OR WATTS - AS APPLICABLE
GFI, GFCI	GROUND FAULT (CIRCUIT) INTERRUPTER	WP	WEATHERPROOF
HPS	HIGH PRESSURE SODIUM		
HUB	A DEVICE THAT SERVES AS THE CENTER OF A STAR-TOPOLOGY NETWORK		
HWH	HOT WATER HEATER		
IG	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	LOTTO MACHINE		
LTG	LIGHTING		
MCB	MAIN CIRCUIT BREAKER		
MDP	MAIN DISTRIBUTION PANEL		

LIGHTING SYMBOLS



LINE WEIGHT KEY



DEMOLITION LEGEND

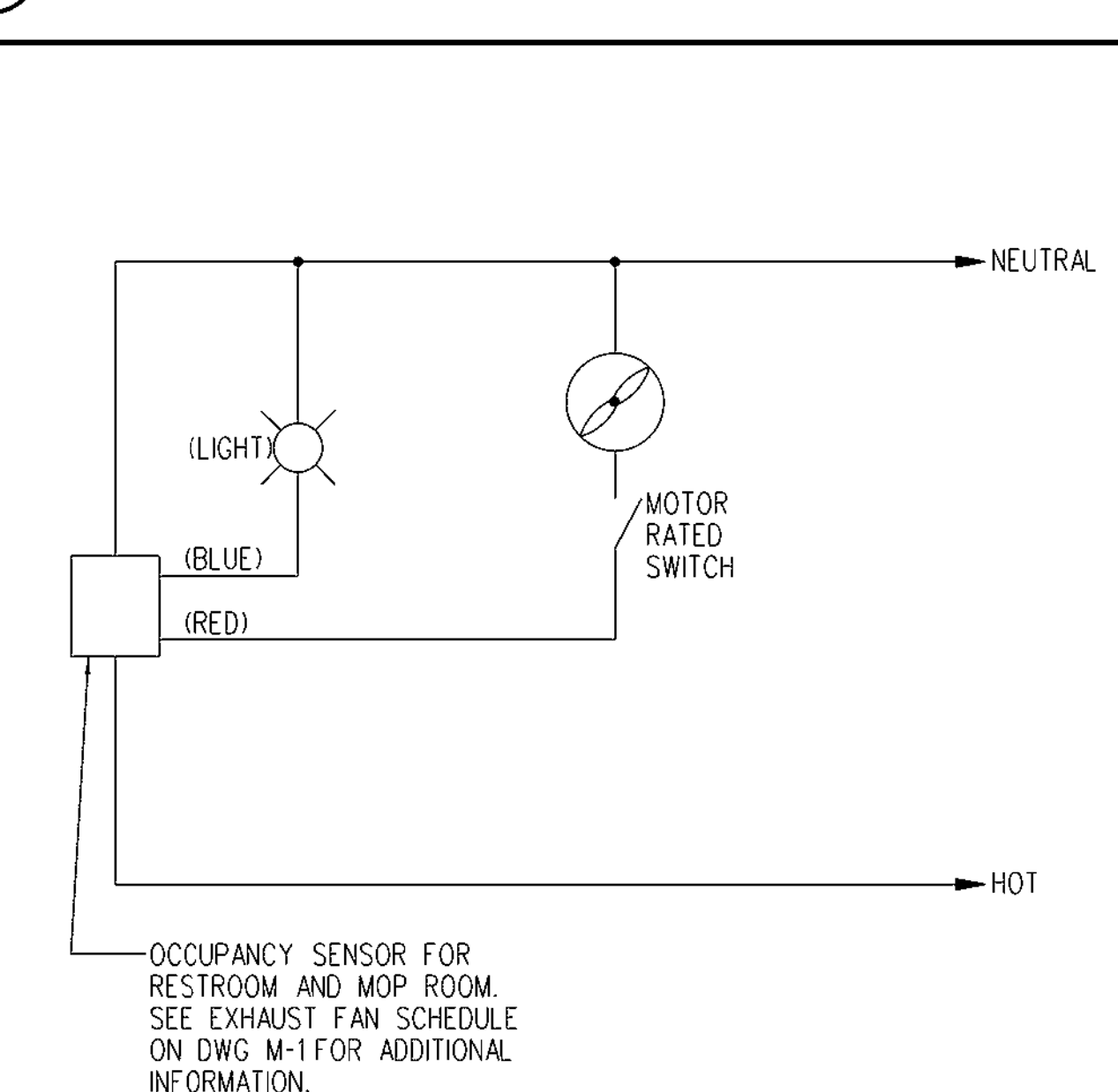


COMMUNICATIONS LEGEND		
SYMBOL	DESCRIPTION	MOUNTING
▽	DATA ONLY	18" OR AS NOTED
▽	TELEPHONE ONLY	18" OR AS NOTED
▽	VOICE AND DATA COMBINATION	18" OR AS NOTED

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

Legend, Abbreviations, and General Notes
NOTE: NOT ALL SYMBOLS MAY BE USED ON THIS PROJECT

D5 TYPICAL WATER COOLER RECEPTACLE
E-1 NTS



C5 EXHAUST FAN EF-1 & EF-2 WIRING DIAGRAM
E-1 NTS

PANEL "LS" <2>											
LOAD DESCRIPTION						LOAD DESCRIPTION					
LEFT WALL RECEPTACLES	R	1.08				EMERGENCY LIGHTING	L				
RIGHT WALL RECEPTACLES	R	0.90				GENERAL SALES LIGHTING	L				
ROOF TOP RECEPT.	R		0.36			GENERAL SALES LIGHTING	L				
AC-1	A	3.40				SHOW WINDOW RECEPT.	R				
:	A	3.40				LIGHTING CONTROL PANEL	M				
:	A		3.40			STORE SIGNAGE	L				
ICE MERCHANDISER	M	0.54				EWC	M				
BEV CASE #90 FAN	F		0.21			CHECKOUT PENDANT LTG	L				
BEV CASE #90 LTG	L			0.35		STORAGE GFI RCPTS	R				
BEV CASE #90 HTR	F	0.65				EF-1 & RESTROOM LIGHT	L				
SAFE	M		0.18			EF-2 & STORAGE LIGHT	L				
WATER HEATER	M			2.00		CASH REGISTER	R				
UNITS LS-1	A	1.56				CASH REGISTER AND UPS	R				
:	A	1.56				CRASH BAR	M				
RECEPT.	R		0.18			BURGLAR ALARM	M				
SPARE						SPARE					
SPARE						SPARE					
SPACE						SPACE					
SPACE						SPACE					
SPACE						SPACE					
SPACE						SPACE					
SPACE						SPACE					
SPACE						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	5.3	1.00	5.3								
RECEPTS. (1ST 10KVA)	5.0	1.00	5.0								
(REMAINING RECEPTS.)	0.0	0.5	0.0								
TOTAL DEMAND KVA:	28.0	1.03	28.9								

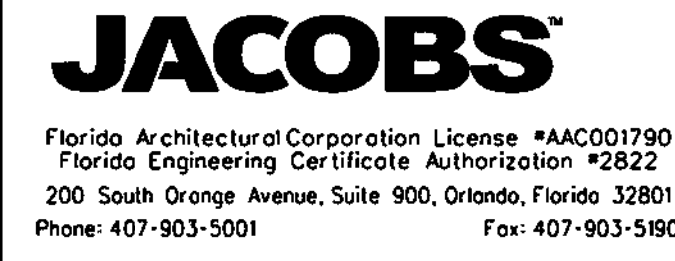
A1 PANEL SCHEDULE
E-1 NTS

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

A4 RELAY SCHEDULES
E-1 NTS



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ELECTRICAL ENGINEER OF RECORD
NAME: LEO G. PEREZ, PE
REGISTRATION: FLORIDA REG. #PE067331

Revision:
Date: By: Description:

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Jacobs Project No.: F6-W752-00-1013LS
Drawing Title:
LEGEND, DETAILS, ABBREVIATIONS AND PANEL SCHEDULE

Date: 07/22/22
Designed By: G. CHIRNO
Drawn By: G. CHIRNO
Checked By: L. PEREZ
Drawing No.:
E-1

DEMOLITION NOTES:

- 1 WALL TO BE REMOVED. DISCONNECT RECEPTACLES AND ELECTRICAL DEVICES FOR REMOVAL OR RELOCATION, AS REQUIRED. REMOVE WIRE AND CONDUIT BACK TO SOURCE, OR TO REMAIN AS REQUIRED. REFER TO DWG A3/E-2 AND A/E-3 FOR MORE INFORMATION.
- 2 DISCONNECT EXISTING LIGHT FIXTURE FOR REMOVAL. RETAIN WIRE AND CONDUIT FOR REUSE, AS APPLICABLE, OR REMOVE BACK TO SOURCE. REFER TO A3 ON THIS SHEET FOR ADDITIONAL INFORMATION.
- 3 DISCONNECT EXISTING RECEPTACLE(S) AND ELECTRICAL DEVICES ON WALL FOR RELOCATION. RETAIN CIRCUIT FOR REUSE. REFER TO DWG A3/E-2 AND A/E-3 FOR ADDITIONAL INFORMATION.
- 4 DISCONNECT EXISTING EMERGENCY BATTERY WALLPACK FOR REMOVAL. REMOVE WIRE AND CONDUIT BACK TO SOURCE. REFER TO A3 ON THIS SHEET FOR ADDITIONAL INFORMATION.
- 5 DISCONNECT EXISTING CEILING RECEPTACLE FOR REMOVAL. RETAIN CIRCUIT FOR REUSE. REFER TO A/E-3 FOR ADDITIONAL INFORMATION.
- 6 DISCONNECT EXISTING TEMPERATURE/HUMIDISTAT FOR REMOVAL. RETAIN CIRCUIT AND CONDUIT FOR REUSE. REFER TO DWG E-3 FOR ADDITIONAL INFORMATION.
- 7 DISCONNECT EXISTING EXIT SIGN FOR REMOVAL. RETAIN CIRCUIT AND CONDUIT FOR REUSE. REFER TO DWG E-3 FOR ADDITIONAL INFORMATION.
- 8 DISCONNECT EXISTING EQUIPMENT FOR REMOVAL. RETAIN CIRCUIT AND CONDUIT FOR REUSE. REFER TO DWG E-3 FOR ADDITIONAL INFORMATION.
- 9 DISCONNECT EXISTING LIGHT SWITCH(S) FOR REMOVAL. RETAIN CIRCUIT AND CONDUIT FOR REUSE. REFER TO DWG E-3 FOR ADDITIONAL INFORMATION.
- 10 DISCONNECT EXISTING ROOF TOP AC UNIT FOR REMOVAL. REMOVE WIRE AND CONDUIT BACK TO SOURCE, OR TO REMAIN AS NEEDED. REFER TO A3/E-2 FOR ADDITIONAL INFORMATION.
- 11 DISCONNECT EXISTING EXHAUST FAN FOR REMOVAL. REMOVE WIRE AND CONDUIT BACK TO SOURCE, OR TO REMAIN AS NEEDED. REFER TO A3/E-2 FOR ADDITIONAL INFORMATION.
- 12 EQUIPMENT TO BE RENAMED TO CONFIRM WITH PUBLIC'S STANDARDS. REFER TO DWGS A/E-3 FOR ADDITIONAL INFORMATION.
- 13 RE-ROUTE COMM CABLEING TO NEW STORAGE ROOM. COORDINATE WITH PUBLIC REPRESENTATIVE.

GENERAL DEMOLITION NOTES:

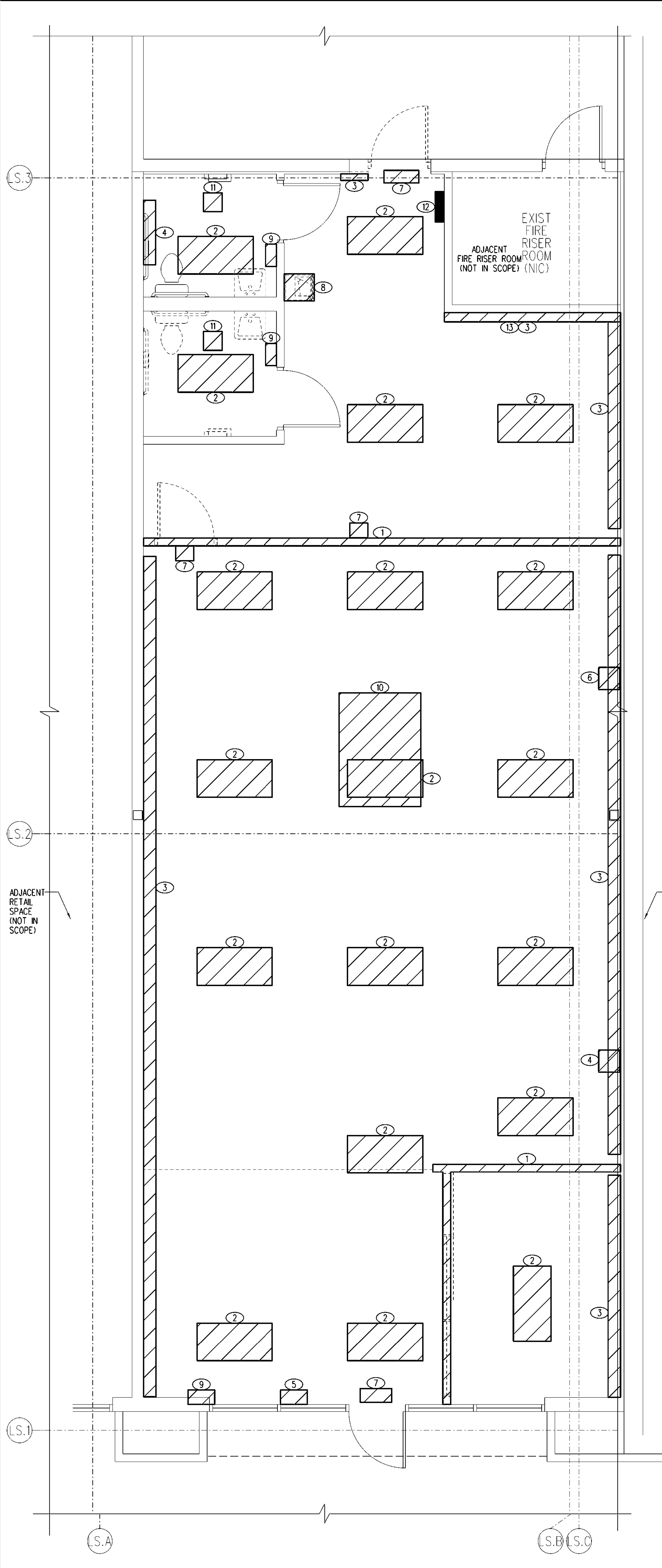
- A. CONTRACTOR SHALL MAKE PRELIMINARY SITE VISIT AND VERIFY THE MAGNITUDE AND SCOPE OF THE PROJECT BEFORE BIDDING.
- B. CONTRACTOR SHALL DISCONNECT AND REMOVE ALL ELECTRICAL EQUIPMENT, DEVICES, PANELBOARDS, AND LIGHTING FIXTURES AS INDICATED.

PLAN NOTES:

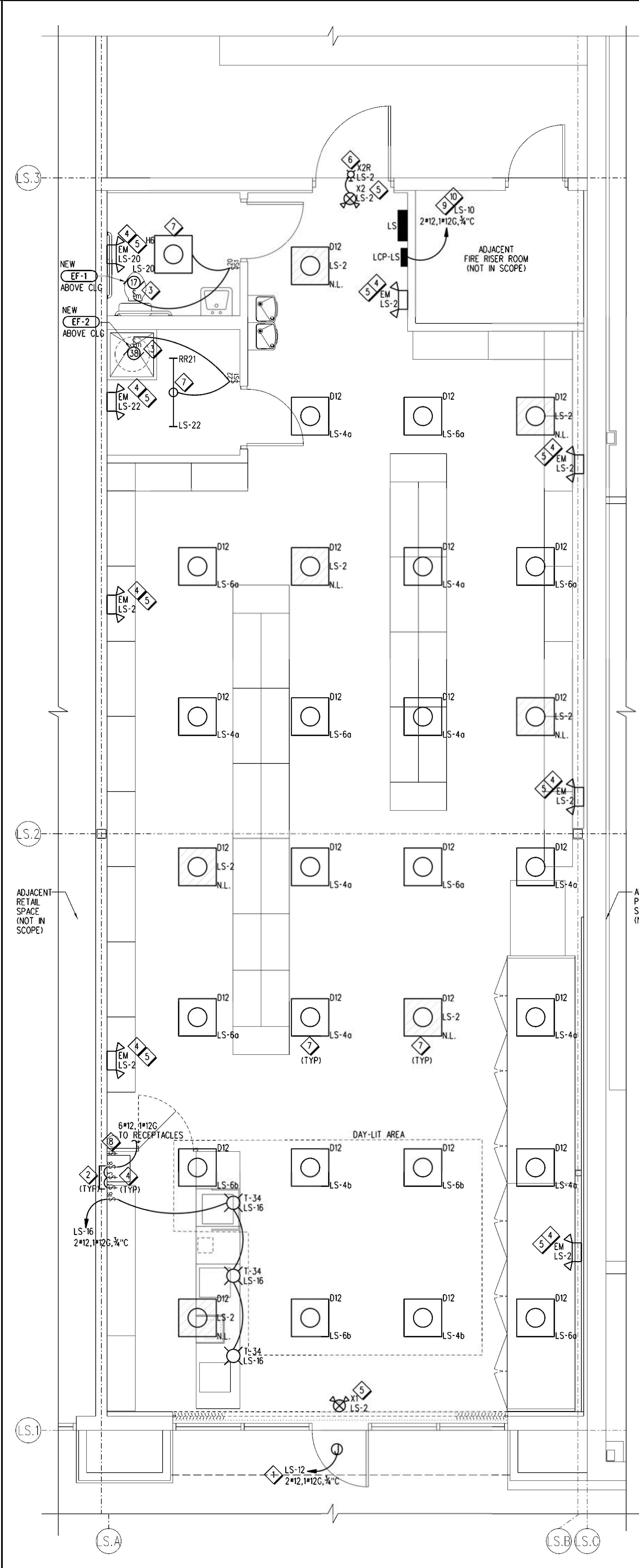
- 1 CONTRACTOR SHALL VERIFY EXACT LOCATION AND ELECTRICAL REQUIREMENTS (CIRCUIT BREAKER, WIRE AND CONDUIT SIZE) OF NEW SIGNAGE WITH THOMAS LIGHTING REPRESENTATIVE. CIRCUIT IS SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL FIELD VERIFY EXISTING CIRCUIT AND UPDATE PANEL SCHEDULE ACCORDINGLY.
- 2 SWITCHES TO CONTROL RECEPTACLES. REFER TO A/E-3 FOR CONTINUATION OF CIRCUIT.
- 3 REFER TO DWG C5/E-1 FOR EXHAUST FAN WIRING DIAGRAM. REFER TO A/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 #VSL4NPWH. PROVIDE 5"X8" 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 #X082508BLM. 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, #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.



A1 ELECTRICAL DEMOLITION PLAN



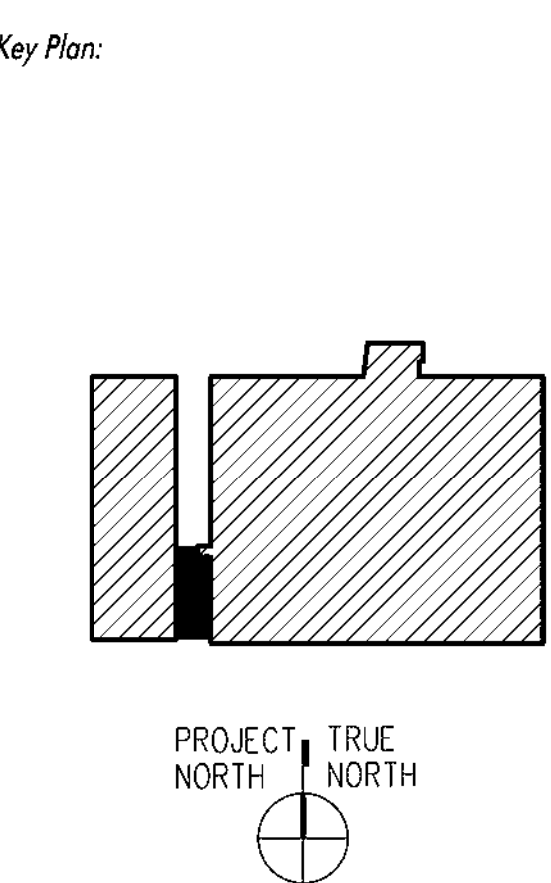
A3 LIGHTING PLAN

ELECTRICAL ENGINEER OF RECORD
 NAME: LEO G. PEREZ, P.E.
 REGISTRATION: FLORIDA REG. #FE07331

Seal
 Date: _____ By: _____ Description: _____

Revision:
 Date: _____ By: _____ Description: _____

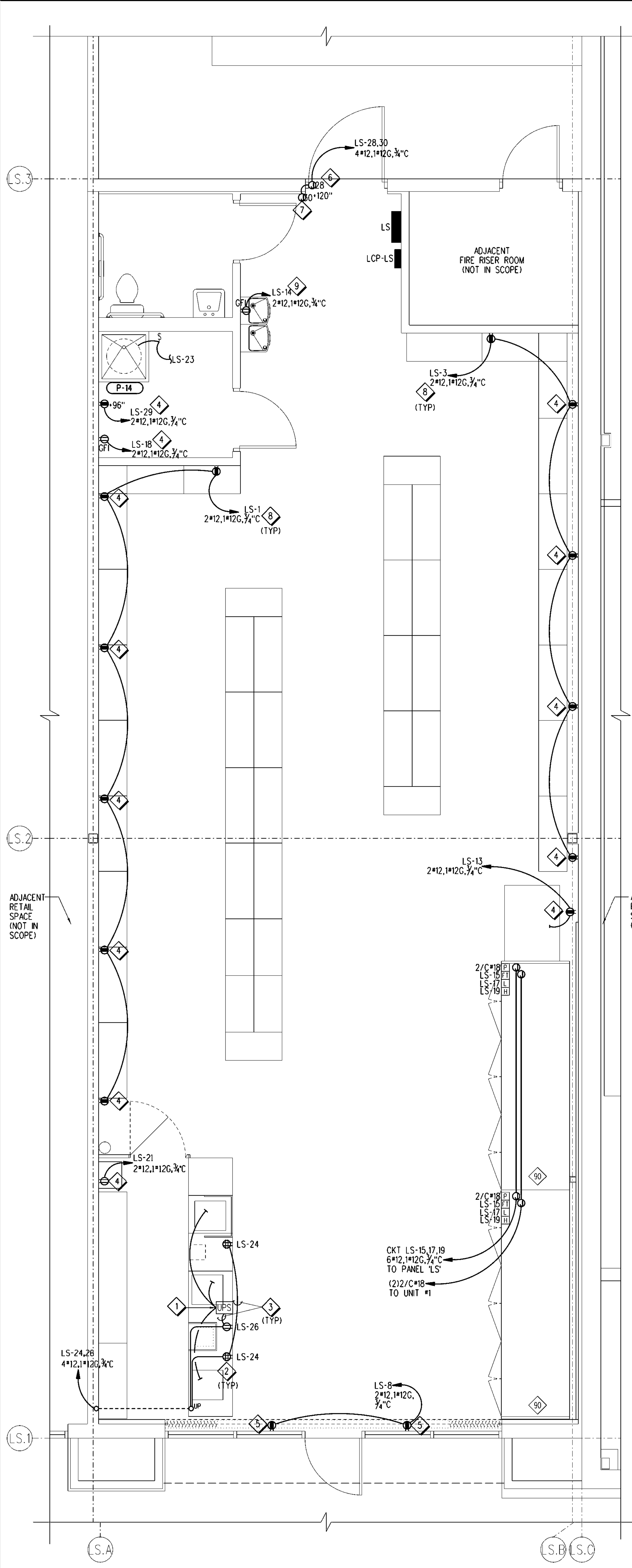
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Jacobs Project No.: F6-W752-00-1013.S
 Drawing Title:

ELECTRICAL DEMOLITION AND LIGHTING PLANS

Date: 07/22/22
 Designed By: G. CHRNO
 Drawn By: G. CHRNO
 Checked By: L. PEREZ
 Drawing No.: _____



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

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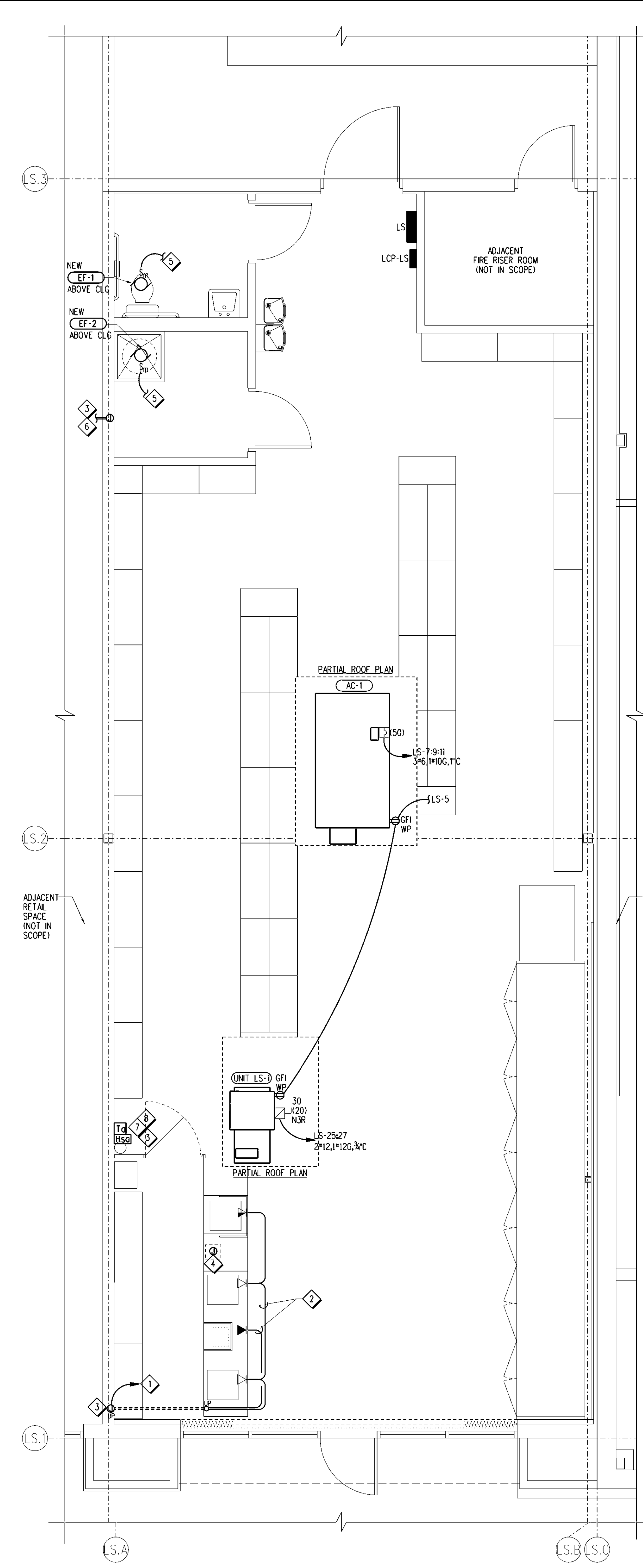
PLAN NOTES:

- 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 44/A-5.
- 5 PROVIDE SURFACE MOUNTED RECEPTACLE AS CLOSE TO SOFFIT AS POSSIBLE AND LOCATE BETWEEN STOREFRONT AND 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 RECEPTABLES 90° A.F.F. AND CONNECT SWITCH TO CONTROL RECEPTABLES. REFER TO DWG A/E-2 FOR SWITCH LOCATION. COORDINATE WITH GONDOLA SUPPLIER FOR EXACT MOUNTING HEIGHT.
- 9 REFER TO DS/E-1 FOR WATER COOLER RECEPTACLE INSTALLATION DETAIL.

GENERAL NOTES:

- A. ALL CIRCUITS SHALL BE 2#12, 1#12G 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	#2421C	#2424C	#2461C
BELDEN	#8760	#9418	#9451
EEC	#18308	#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 CONTRACTOR'S 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 RECEPTABLES 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 017700 AND 017839 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
 - RECEPTABLES
 - 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 SEAMS, TILE, PAINT, STAINLESS STEEL, OR PLYWOOD EDGES, ETC.), BACK SPLASHES, DECORATING OR PROTECTIVE FINISHES AND DOOR OR WINDOW FRAMES, ETC.
- U. ALL WALKER DUCT RUNS SHALL HAVE INSERTS AT 12" O.C.



A3 COMMUNICATION AND ROOF POWER PLAN
 E-3
 1/8" = 1'-0"

USERNAME# #DATE# #TIME# #DCN#SPEC#

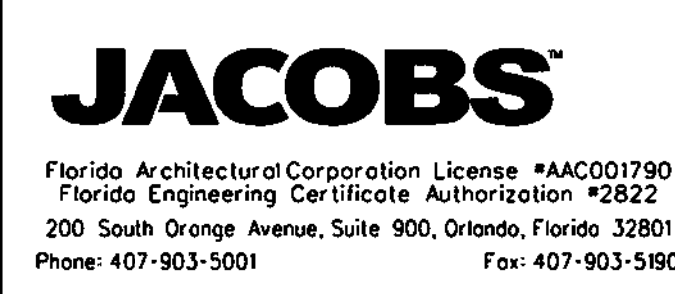
PLAN NOTES:

- 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 44/A-5.
- 4 CONTRACTOR TO PROVIDE J-BOX WITH CONDUIT RUN TO CEILING SPEAKERS. CONSULT PUBLIX ONSITE REP FOR LOCATION.
- 5 REFER TO DWG A/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 C/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	#2421C	#2424C	#2403C	#2400C
BELDEN	#8760	#9418	#8771	#8641
CAROL	-----	-----	#C2526	#C2513
EEC	#18308	#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 CONDUCTOR QUANTITY AND CONDUIT RUNS.
- J. LEAVE 8 FT. LOOP OF MULTI-CONDUCTOR CABLE AT ALL REFRIGERATION RACKS AND A/C UNITS.



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ELECTRICAL ENGINEER OF RECORD
 NAME: LEO G. PEREZ, P.E.
 REGISTRATION: FLORIDA REG. #PE067331

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

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 PORT CHARLOTTE, FLORIDA 33948

Key Plan:

PROJECT TRUE NORTH

Jacobs Project No.: F6-W752-00-1013LS
 Drawing Title: POWER, REFRIGERATION, COMMUNICATIONS AND ROOF POWER PLANS
 Date: 07/22/22
 Designed By: G CHRNO
 Drawn By: G CHRNO
 Checked By: L PEREZ
 Drawing No.: _____
 E-3

AIR CONDITIONING SCHEDULE

UNIT	EXISTING UNIT TO BE REPLACED	LOCATION	MANUF./MODEL	BASIC UNIT				CAPACITY				ELECTRICAL			PERFORMANCE SEER	FILTERS	REFRIGERANT	WEIGHT (LBS)	NOTES		
				TOTAL CFM	OUTSIDE AIR CFM	ESP "WG	BLOWER NOM. H.P.	AMBIENT TEMP °F	EAT db/wb	TOTAL MBH	SENS MBH	LVG EVAP db/wb	POWER V/PH/Hz	MCA						MOCP	HEAT kW/STAGES
AC-1	LENNOX/CHAB-060	LIQUOR STORE	LENNOX/LCT048H4E	1600	250	0.50	1.0	92.4	77.9/65.0	53.1	41.6	53.2/53.2	208/3/60	49.0	50	15.0/1	17.6	2" - 30%	R410A	691	1-8

- NOTES :**
- ELECTRIC HEATING ELEMENTS SHALL HAVE NON-RESETTING FUSIBLE LINK SAFETY CONTROLS, AIRFLOW SWITCH, AND SHALL BE UL LISTED.
 - UNIT FURNISHED BY OWNER AND INSTALLED BY MECHANICAL CONTRACTOR. UNIT TO BE SUPPLIED BY LENNOX (800) 367-6285.
 - UNIT SHALL BE FURNISHED WITH NEMA 3R RATED FACTORY MOUNTED FUSED DISCONNECT.
 - UNIT TO BE PROVIDED WITH FACTORY INSTALLED HUMIDITROL OPTION AND MANUFACTURER'S HUMIDISTAT AND TEMPERATURE SENSOR.
 - PROVIDE 2 POSITION MOTORIZED OA DAMPER WITH A 24V ACTUATOR. DAMPER SHALL CLOSE DURING THE UNOCCUPIED MODE.
 - PROVIDE CURB ADAPTER FOR EXISTING CURB, CURB ADAPTER AND FACTORY CUSTOM BRACKETS (RATED TO WITHSTAND MAXIMUM WIND LOAD BASED ON LOCATION) SUPPLIED BY AES INDUSTRIES (354) 283-6578. SEE DETAILS C4 AND C5, SHEET M-1.
 - CURB ADAPTER OR CURB TO BE INSTALLED BY MANUFACTURER RECOMMENDATIONS.
 - UNIT TO BE PROVIDED WITH A FACTORY INSTALLED OVERFLOW DETECTION DEVICE THAT WILL ENABLE UNIT SHUTDOWN.

AC DUCT COLLAR TRANSITION SCHEDULE

UNIT	SUPPLY		RETURN	
	SIZE	TYPE	SIZE	TYPE
AC-1	20x18	29x11	18"ø	16"ø

NOTES :
VERIFY EXISTING DIMENSIONS PRIOR TO FABRICATING TRANSITIONS.

AIR BALANCE CALCULATIONS

TAG	A/C UNIT SECTION	STATUS	SUPPLY CFM	OUTSIDE CFM	RETURN CFM
AC-1	LIQUOR STORE	NEW	1600	250	1,350
TOTALS			1600	250	1,350
EXHAUST FAN SECTION			EXHAUST CFM		
EF-1	RESTROOM	NEW	70		
EF-2	JANITOR	NEW	50		
TOTALS			120		
VITAL STATISTICS					
TOTAL OUTSIDE AIR INTAKE: 250 CFM					
TOTAL EXHAUST: 120 CFM					
TOTAL STORE AREA: 1,588 SF					
TOTAL DIFFERENCE IN CFM: 130 CFM					
2020 FBC-MECHANICAL 403.3.1.1 COMPLIANCE					
NET OCCUPYABLE STORE AREA: 1,270 SF (80% TOTAL STORE AREA)					
8 PEOPLE/1000 SF: 11 PEOPLE					
7.5 CFM/PERSON: 83 CFM					
0.06 CFM/SF 74 CFM					
TOTAL REQUIRED OUTSIDE AIR 198 CFM PER TABLE 403.3.1.1.2 ZAD E2-0.8					
TOTAL OUTSIDE AIR FROM AC: 250 CFM > 198 CFM					
OVERALL PRESSURIZATION: 130 CFM OVER 1,588 SF = 0.08 CFM/SF					

- NOTES :**
- THE CFM QUANTITIES LISTED FOR THE EXISTING AC UNITS ARE BASED ON ACTUAL DESIGN REQUIREMENTS. IT IS THE INTENT OF THIS RENOVATION PROJECT TO HAVE ALL UNITS OPERATE AT OR WITHIN 10% OF THEIR DESIGN CFM QUANTITY. CONTRACTOR SHALL NOTIFY PUBLIX OF ALL EXISTING AC UNIT MALFUNCTIONS BEFORE THE FINAL TEST AND BALANCE IS PERFORMED AT PROJECT COMPLETION.
 - THE CFM QUANTITIES LISTED FOR THE EXISTING SUPPLY AND EXHAUST ARE BASED ON ACTUAL DESIGN REQUIREMENTS. IT IS THE INTENT OF THIS RENOVATION PROJECT TO HAVE ALL UNITS OPERATE AT OR WITHIN 10% OF THEIR DESIGN CFM QUANTITY. CONTRACTOR SHALL NOTIFY PUBLIX OF ALL EXISTING AC UNIT MALFUNCTIONS BEFORE THE FINAL TEST AND BALANCE IS PERFORMED AT PROJECT COMPLETION.
 - (3) COPIES OF THE TEST AND BALANCE REPORT SHALL BE SUBMITTED TO PUBLIX SUPERMARKETS AND (1) COPY TO ENGINEER OF RECORD AT THE END OF THE REMODEL.



MECHANICAL ENGINEER OF RECORD
NAME: KEVIN T. CHANG, P.E.
REGISTRATION: FLORIDA REG. #F568410

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

FAN SCHEDULE

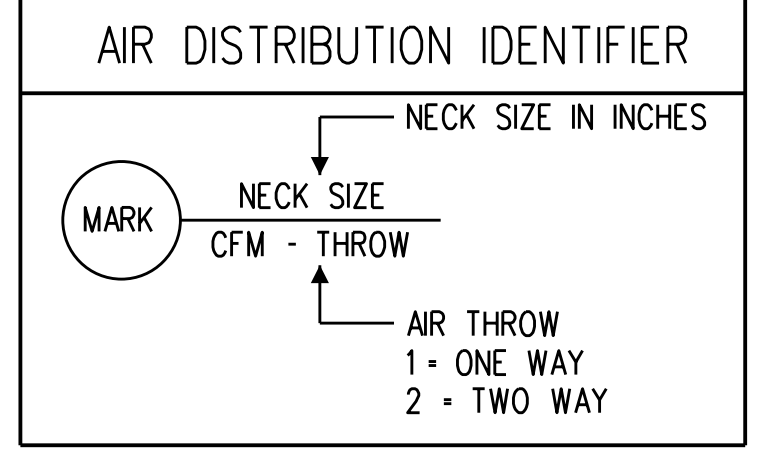
MARK	AREA SERVED	TYPE	CFM	TSP "WG	MOTOR HP (WATTS)	POWER V/PH/Hz	FAN RPM	MANUFACTURER	MODEL	REMARKS
EF-1	RESTROOM	CEILING MOUNTED	70	0.111	(17)	115/1/60	675	GREENHECK	SP-870	1-3
EF-2	JANITOR	CEILING MOUNTED	50	0.111	(38)	115/1/60	625	GREENHECK	SP-850	1-3

- NOTES :**
- PROVIDE BUILT-IN OVERLOAD PROTECTION FOR MOTOR.
 - PROVIDE ROUND DUCT CONNECTOR WITH BUILT IN BACKDRAFT DAMPER.
 - EF SHALL BE INTERLOCKED WITH LIGHT SWITCH.

AIR DISTRIBUTION DEVICE SCHEDULE

MARK	SERVICE DESCRIPTION	DEVICE TYPE	MATERIAL	FACE SIZE	MODULE SIZE	CEILING TYPE	MANUF.	MODEL	REMARKS
1	SUPPLY	SO. PLAQUE	ALUMINUMIZED STEEL	SEE NECK SIZE	24x24	LAY-IN	METALARE	5750-6-AS	1, 3
2	RETURN	LOUVERED GRILLE	ALUMINUM	SEE NECK SIZE	24x24	LAY-IN	METALARE	RH-6	1, 2, 4
3	SUPPLY	SO. PLAQUE	ALUMINUMIZED STEEL	SEE NECK SIZE	12x12	LAY-IN	METALARE	5750-6-AS	1, 3

- NOTES :**
- NECK SIZE SHALL MATCH SIZE AND CONFIGURATION OF CONNECTED DUCTWORK INDICATED ON PLAN DRAWINGS.
 - PROVIDE UNIT WITH OPPOSED BLADE DAMPER (RECTANGULAR NECK) OR BUTTERFLY DAMPER (ROUND NECK).
 - PROVIDE BLANKOFF PLATE FOR 5750 MODEL DIFFUSER DEPICTED WITH DIRECTIONAL ARROWS.
 - PROVIDE SQUARE TO ROUND ADAPTER.

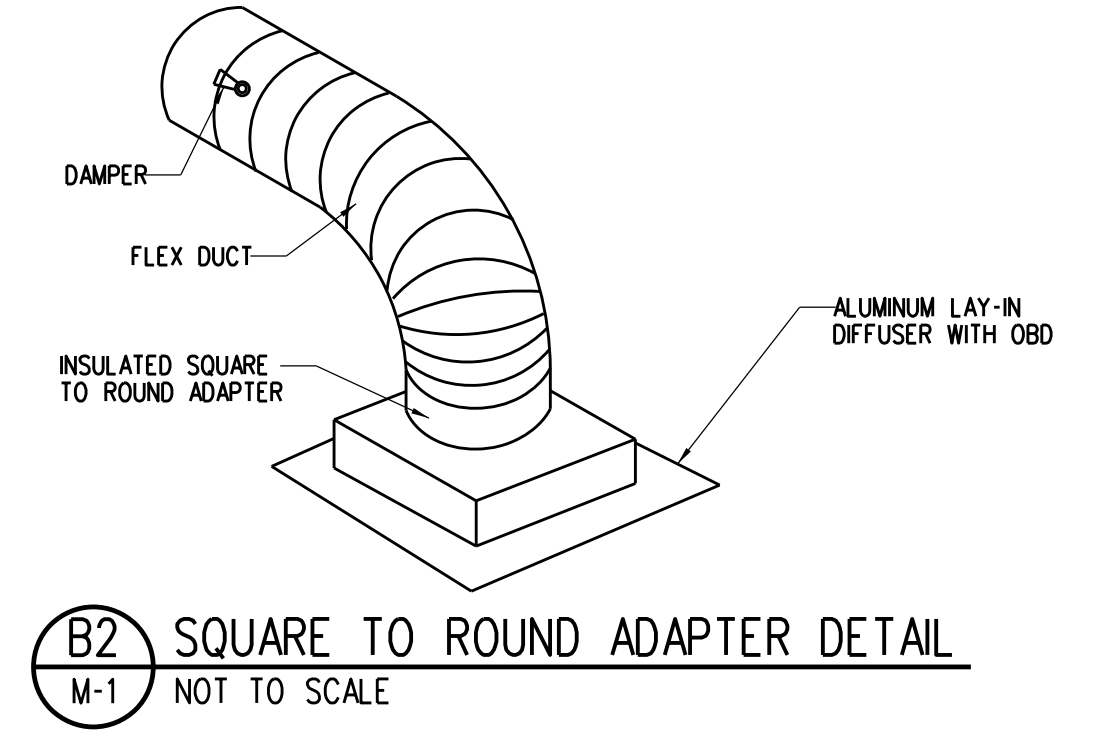
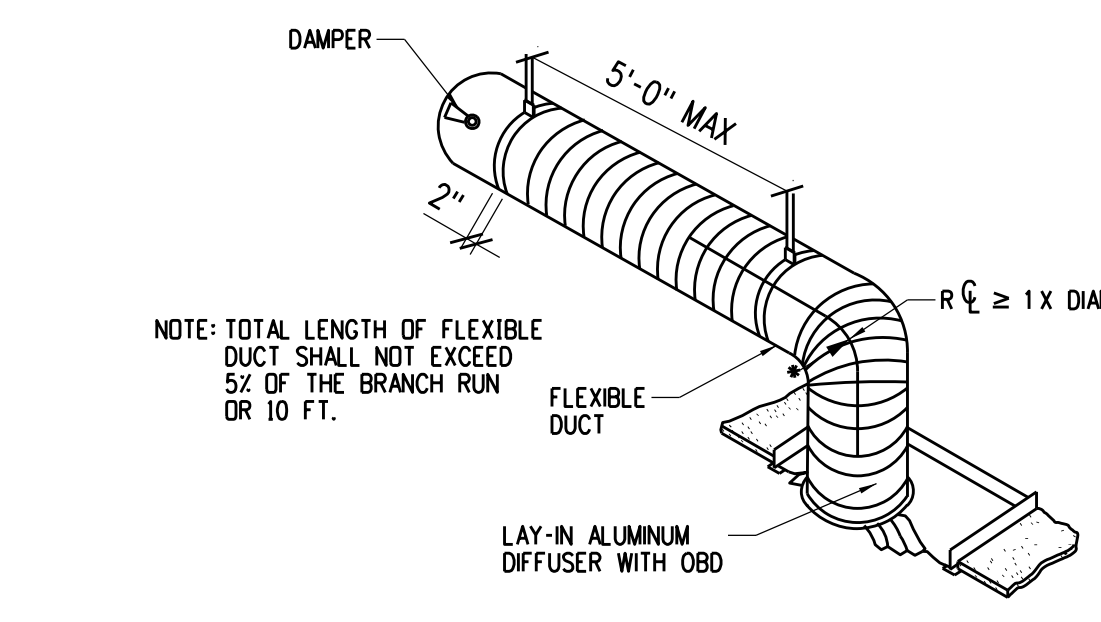
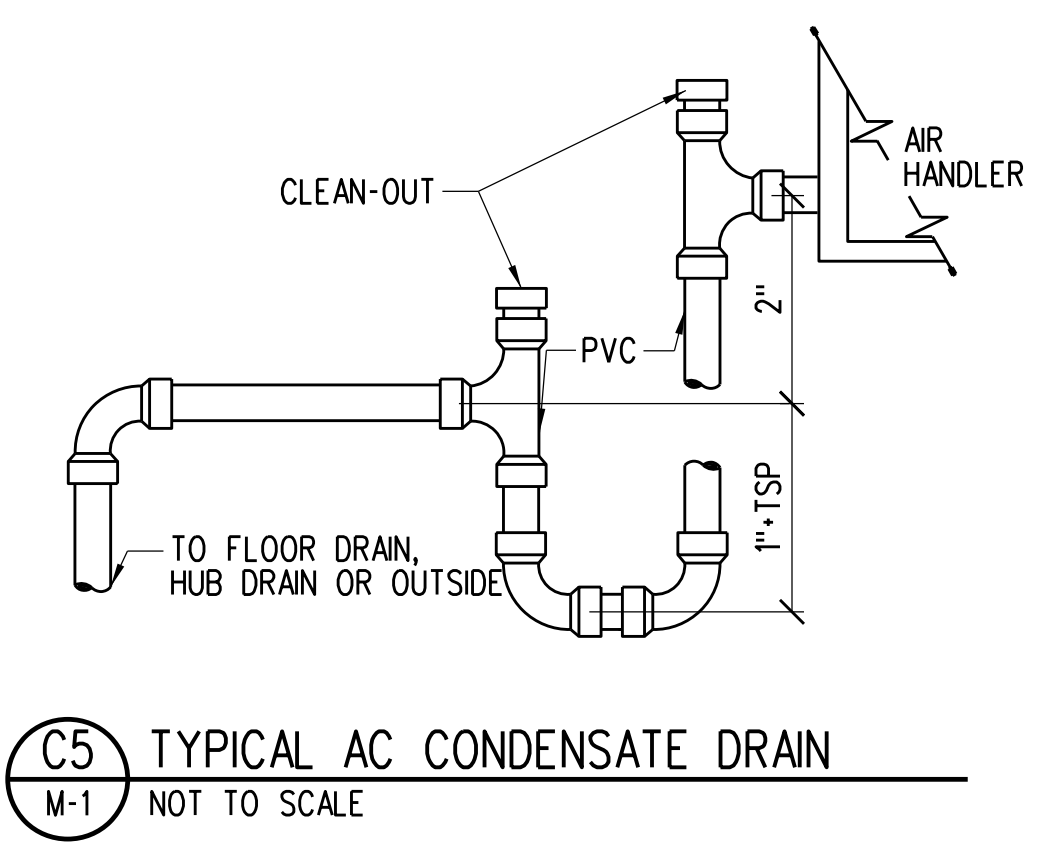
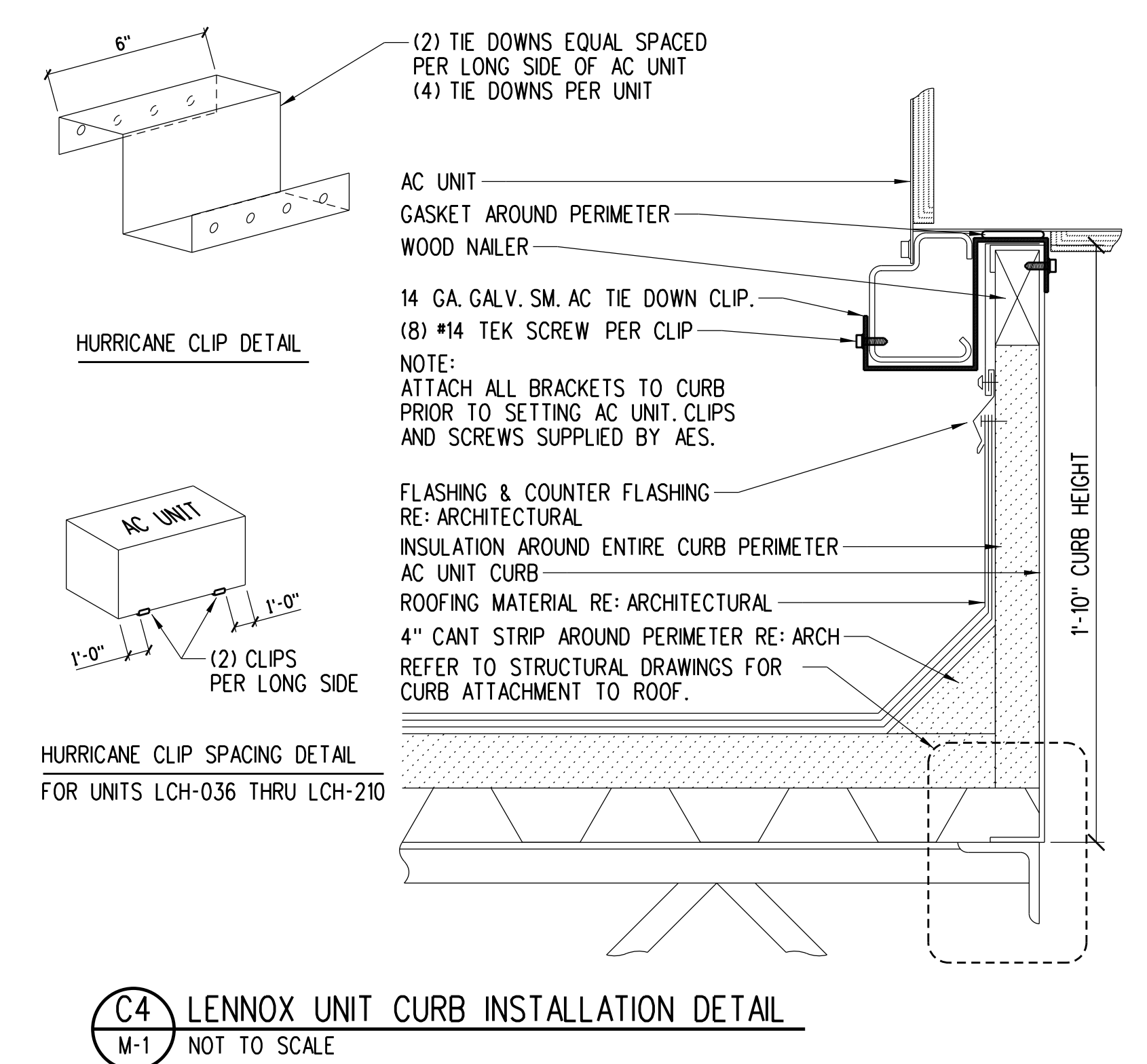
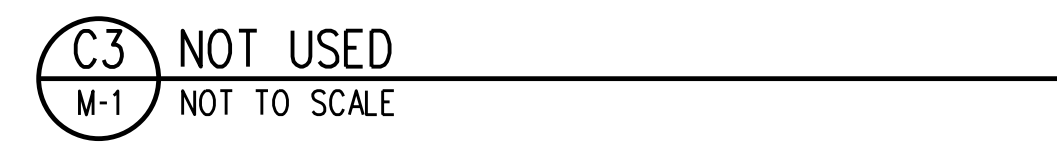
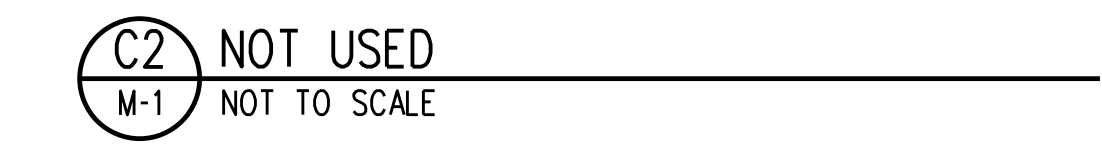
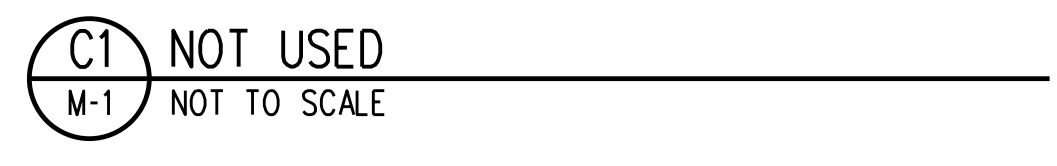


HVAC LEGEND

- GR GRILLE
- DC DOOR GRILLE-OPENING TO BE CUT BY G.C.
- CC 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 1-1/2"HR.
- AFB ABOVE FINISHED FLOOR
- TSP TOTAL STATIC PRESSURE
- NEW CONNECTION TO EXISTING

AIR CONDITIONING NOTES

- REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- COORDINATE DIFFUSER AND REGISTER LOCATIONS WITH ELECTRICAL LIGHTING LAYOUT AND ARCHITECTURAL CEILING PLANS.
- LOCATE THERMOSTATS AT 8'-0" AFF UNLESS OTHERWISE NOTED.
- ALL AIR DUCTWORK SHALL BE GALVANIZED SHEET METAL, INSTALLED, SEALED AND SUPPORTED IN ACCORDANCE WITH THE LATEST EDITION "SMACNA" LOW VELOCITY DUCT CONSTRUCTION STANDARDS. ALL NEW SPIRAL DUCTWORK TO BE PROVIDED BY EASTERN SHEET METAL OR LINDAB.
- INSIDES OF DUCT VISIBLE THROUGH GRILLES, REGISTERS, OR DIFFUSERS SHALL BE PAINTED FLAT BLACK WITH PAINT THAT COMPLIES WITH NFPA 90A 2015.
- SEAL ALL OPENINGS THROUGH ROOF AND EXTERIOR WALLS WATER TIGHT.
- FURNISH AND INSTALL MANUAL BALANCING DAMPER AT EACH BRANCH DUCT AND AT LOCATIONS INDICATED ON THE DRAWINGS.
- ALL EQUIPMENT AND DUCTWORK BELOW 6'-10" AFF SHALL BE SAFETY STRIPED AND SHARP EDGES PADDED, ACCORDING TO OSHA REQUIREMENTS.
- COORDINATE LOCATION OF ALL NEW ROOFTOP EQUIPMENT WITH STRUCTURAL DRAWINGS.
- CURB/CURB ADAPTOR SUPPLIER SHALL REFERENCE SHEETS R-1 AND R-2 FOR MORE INFORMATION REGARDING SUPPORT PLATFORM FOR REFRIGERATION UNIT.
- ALL DUCTWORK, DUCT SEALS, AND DUCTWORK ACCESSORIES TO COMPLY WITH 2020 FECC AND FMC.

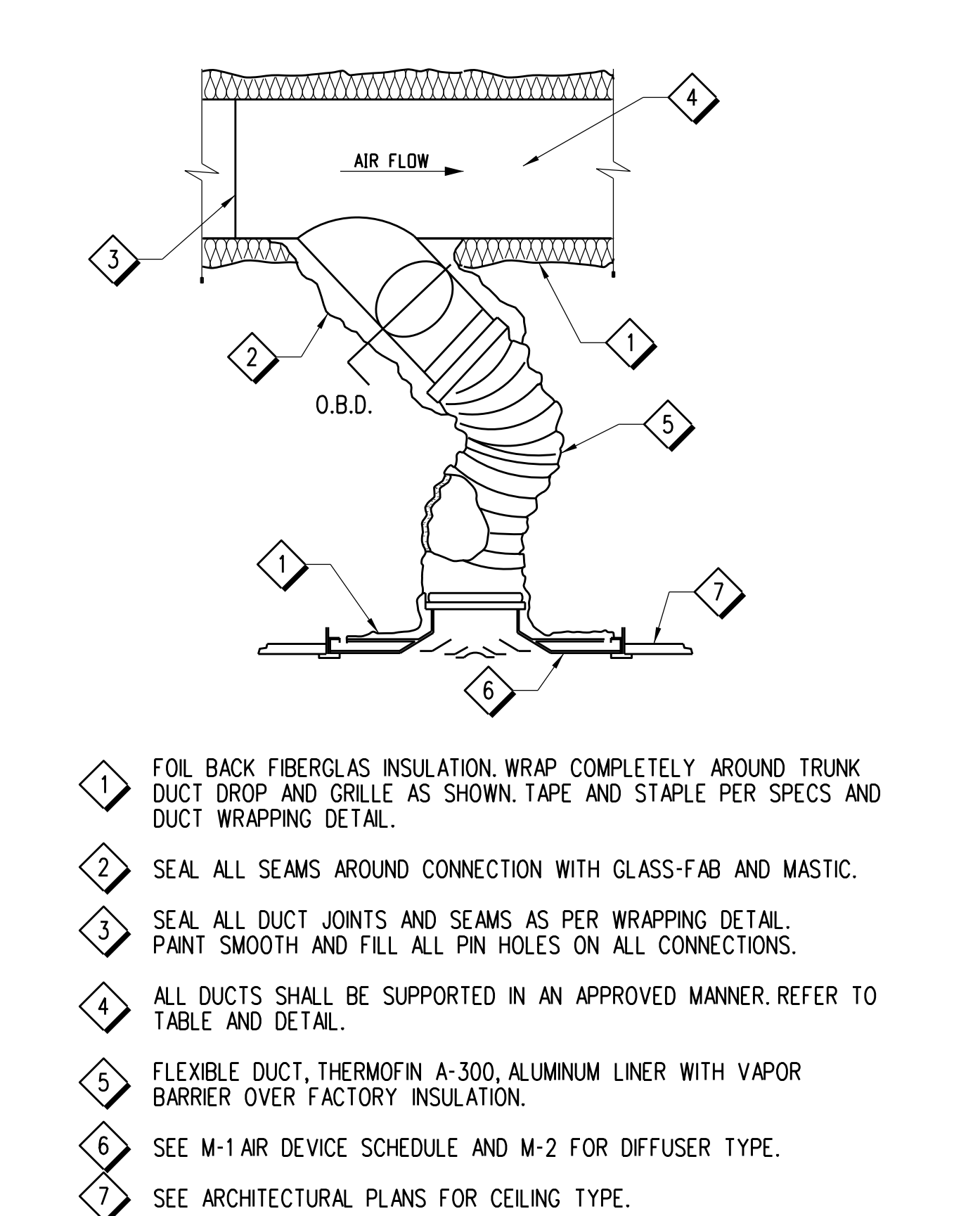
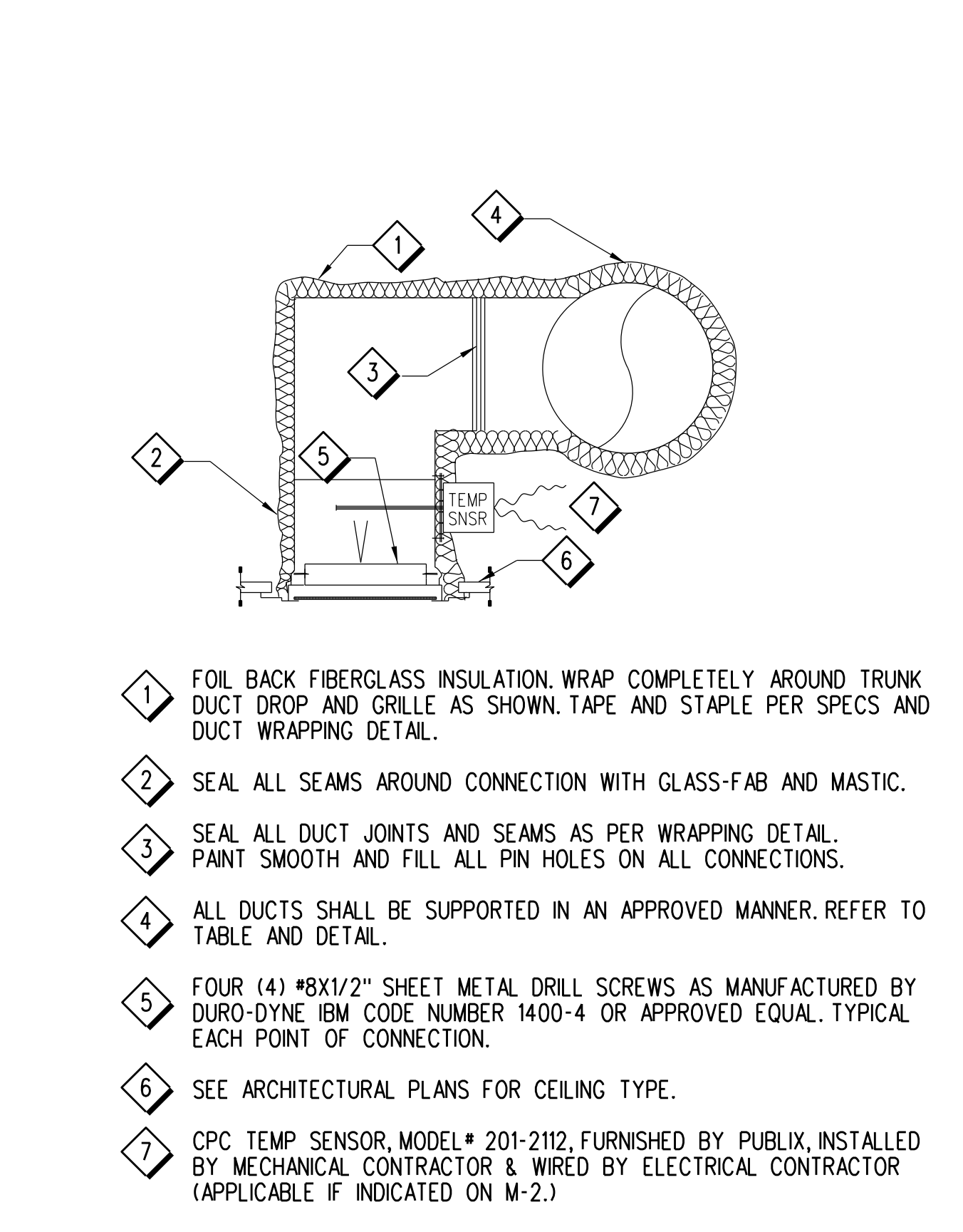
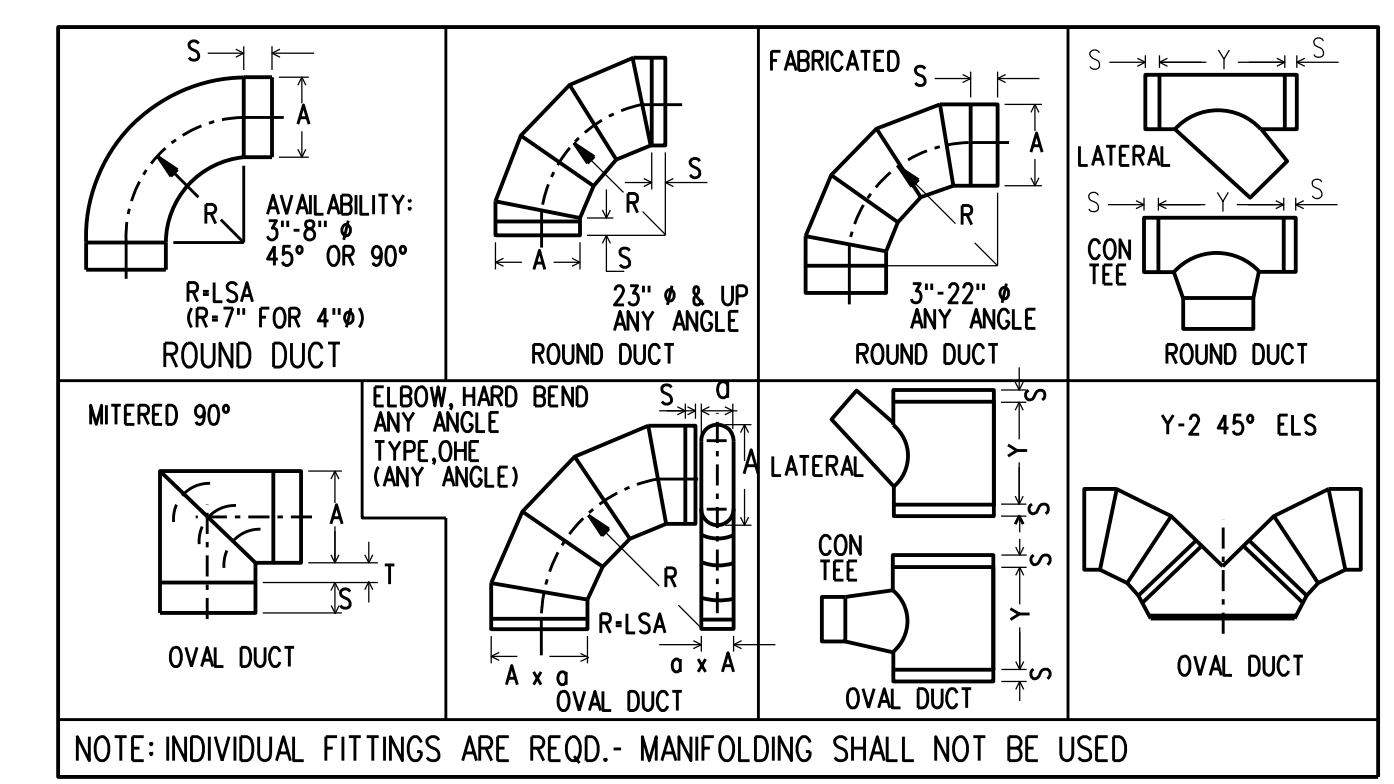
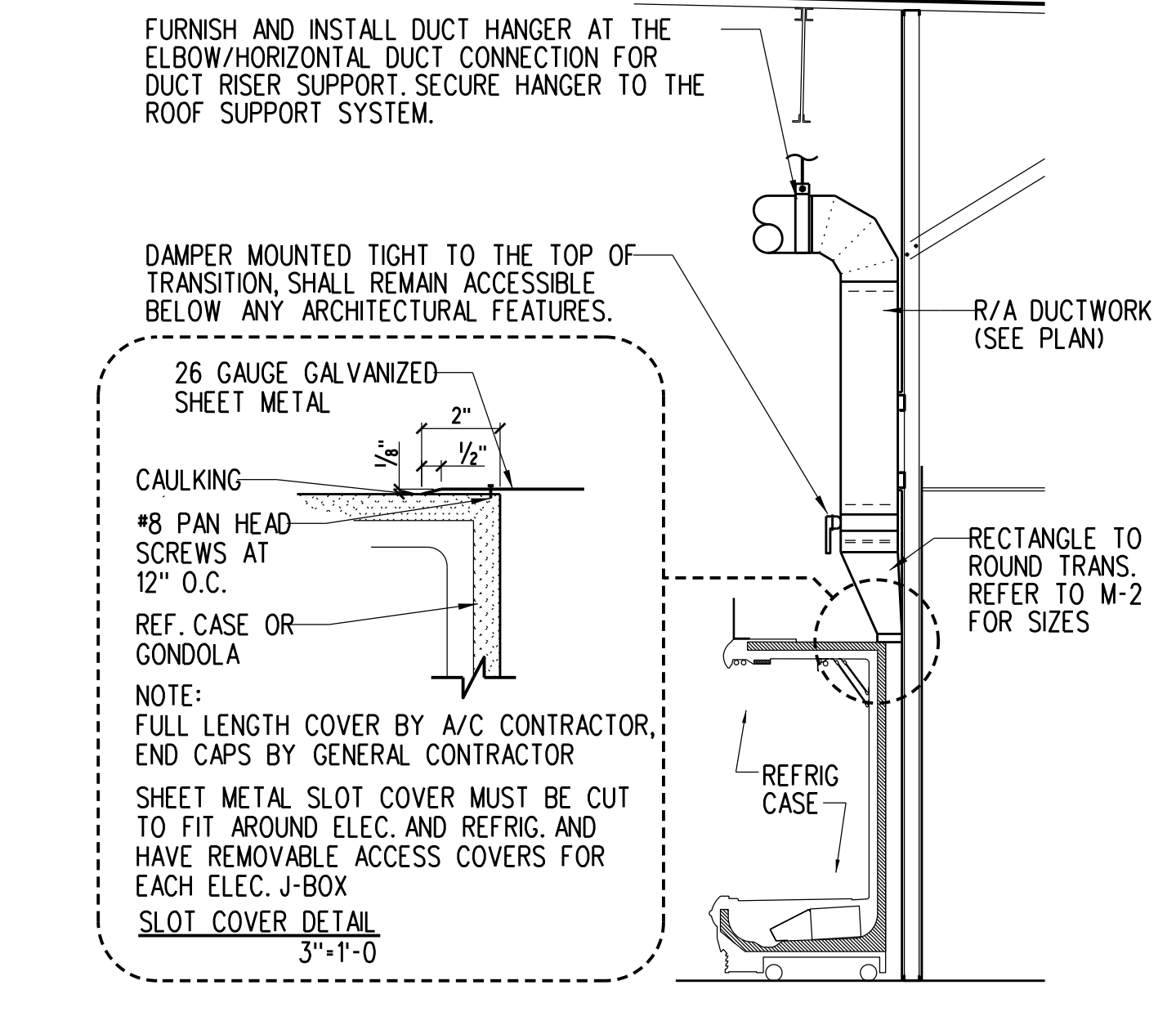
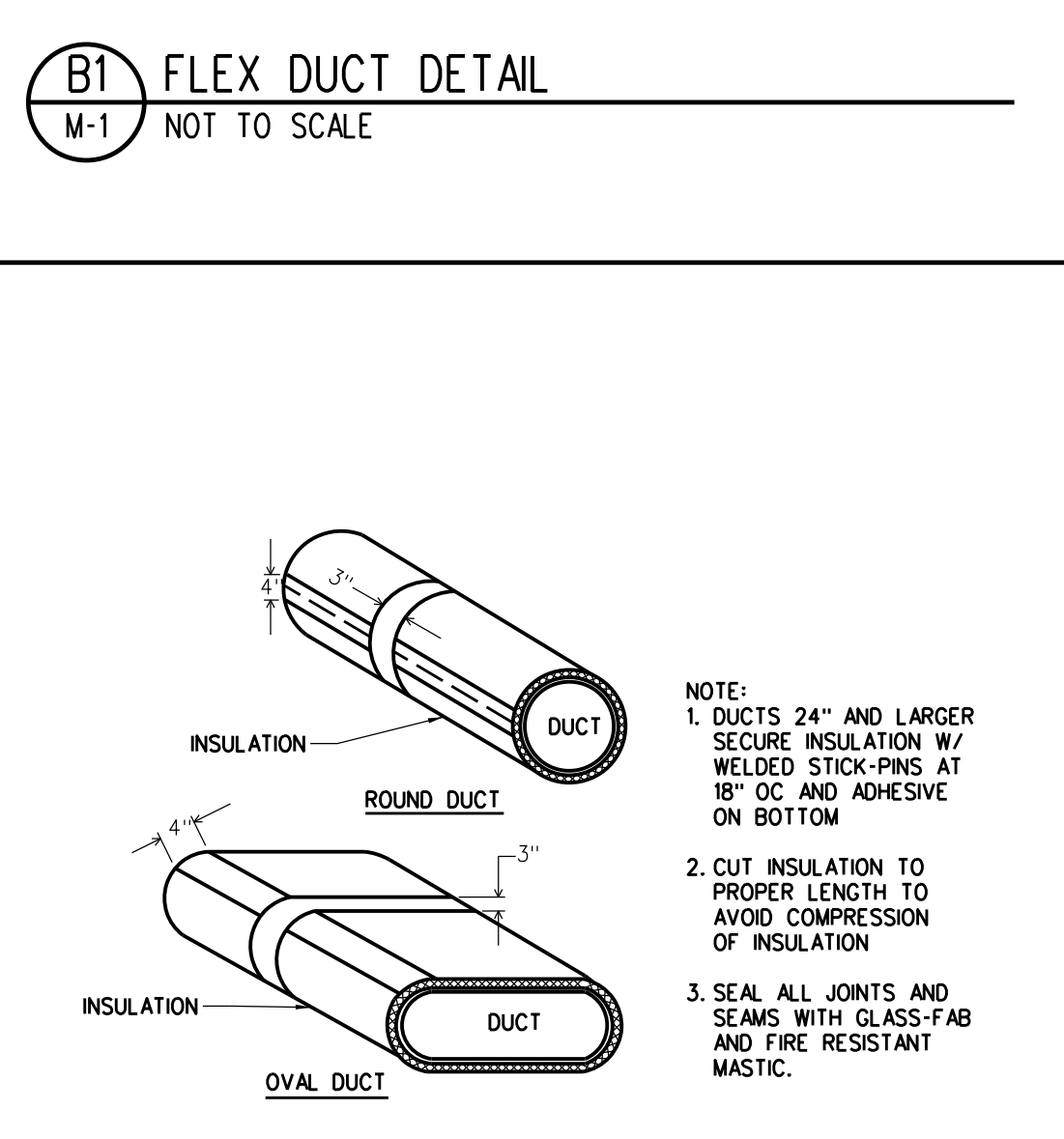


B3 HANGERS FOR ROUND DUCT
M-1 NOT TO SCALE

DUCT DIAMETER	ROUND HANGERS	STRAP HANGERS	MAXIMUM SPACING	No. OF HANGER
UP THRU 18"	8 GAUGE WIRE	1" x 22 GAUGE	12'-0"	1
19" THRU 24"	1/2" ALL TREAD ROD	1" x 22 GAUGE	12'-0"	1
25" THRU 36"	3/8" ALL TREAD ROD	1" x 20 GAUGE	12'-0"	1
37" THRU 50"	(2) 3/8" ALL TREAD ROD	(2) 1" x 20 GAUGE	12'-0"	2
51" THRU 60"	(2) 3/8" ALL TREAD ROD	(2) 1" x 18 GAUGE	12'-0"	2
61" THRU 84"	(2) 3/8" ALL TREAD ROD	(2) 1" x 16 GAUGE	12'-0"	2

NOTES :

- ALL HANGERS MUST BE SECURELY ATTACHED TO A STRUCTURAL MEMBER AND NOT TO THE ROOF DECK.
- WIRE, RODS, AND STRAPS SHOULD BE MADE FROM GALVANIZED STEEL.
- THIS TABLE ASSUMES CONVENTIONAL WALL THICKNESS AND JOINTS PLUS ONE LB/50 FT INSULATION. SEE SMACNA'S DUCT CONSTRUCTION STANDARDS IF HEAVIER DUCTS ARE TO BE INSTALLED.



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PORT CHARLOTTE, FLORIDA 33948

Key Plan:

Jacobs Project No.: F6-W752-00-1013L5
Drawing Title:

HVAC SCHEDULES AND DETAILS

Date: 07/22/22
Designed By: C CALDE
Drawn By: C CALDE
Checked By: K CHANG

M-1

MECHANICAL ENGINEER OF RECORD
NAME: KEVIN T. CHANG, P.E.
REGISTRATION: FLORIDA REG. #FES5410

Seal

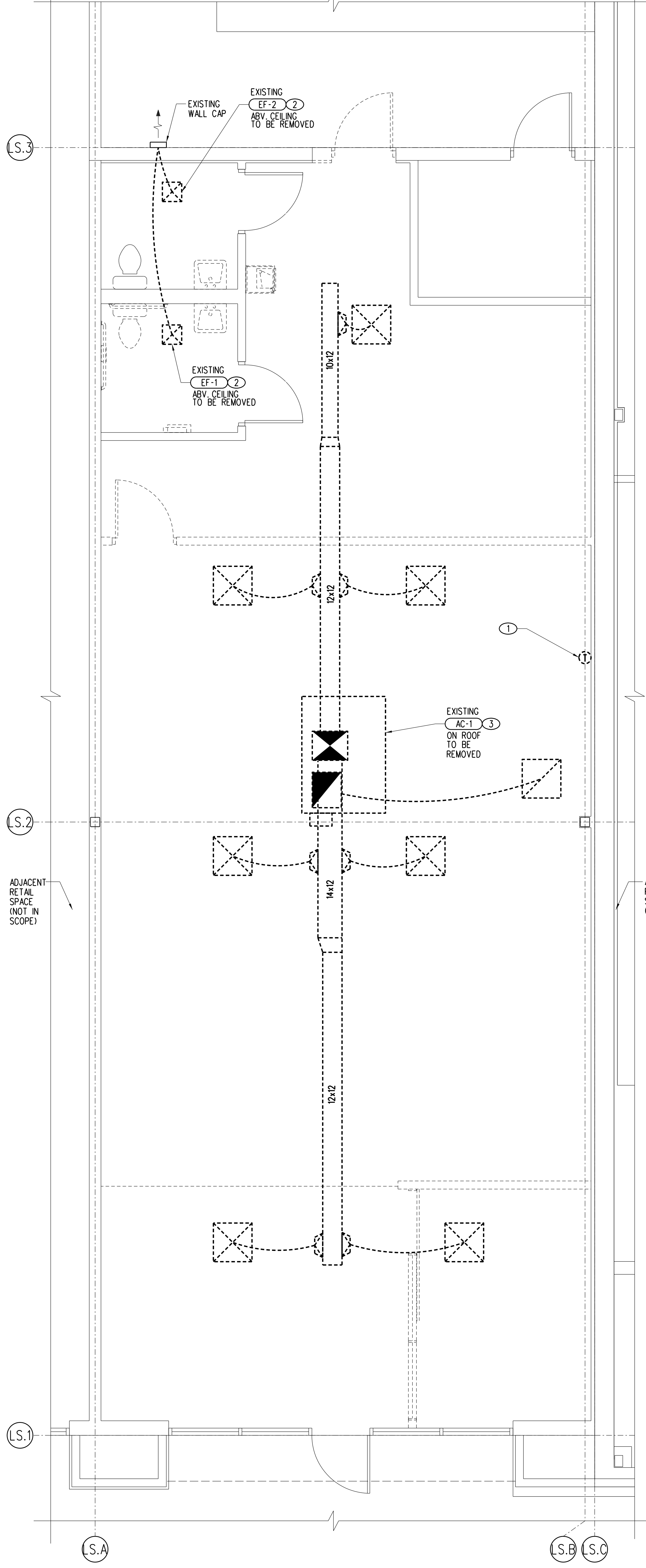
Revision:
Date: By: Description:

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, DUCT TRANSITION, 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 CURB ADAPTOR. 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 ROUTE 1" CONDENSATE DRAIN LINES TO NEAREST ROOF DRAIN/OUTLET. UTILIZE INDIRECT CONNECT AT ROOF DRAIN. ATTACH DRAIN LINE TO ROOF IN A MANNER TO WITHSTAND LOCAL WIND LOAD REQUIREMENTS AND NOT CAUSE ROOF LEAKS. SEE DETAIL C5, SHEET M-1.

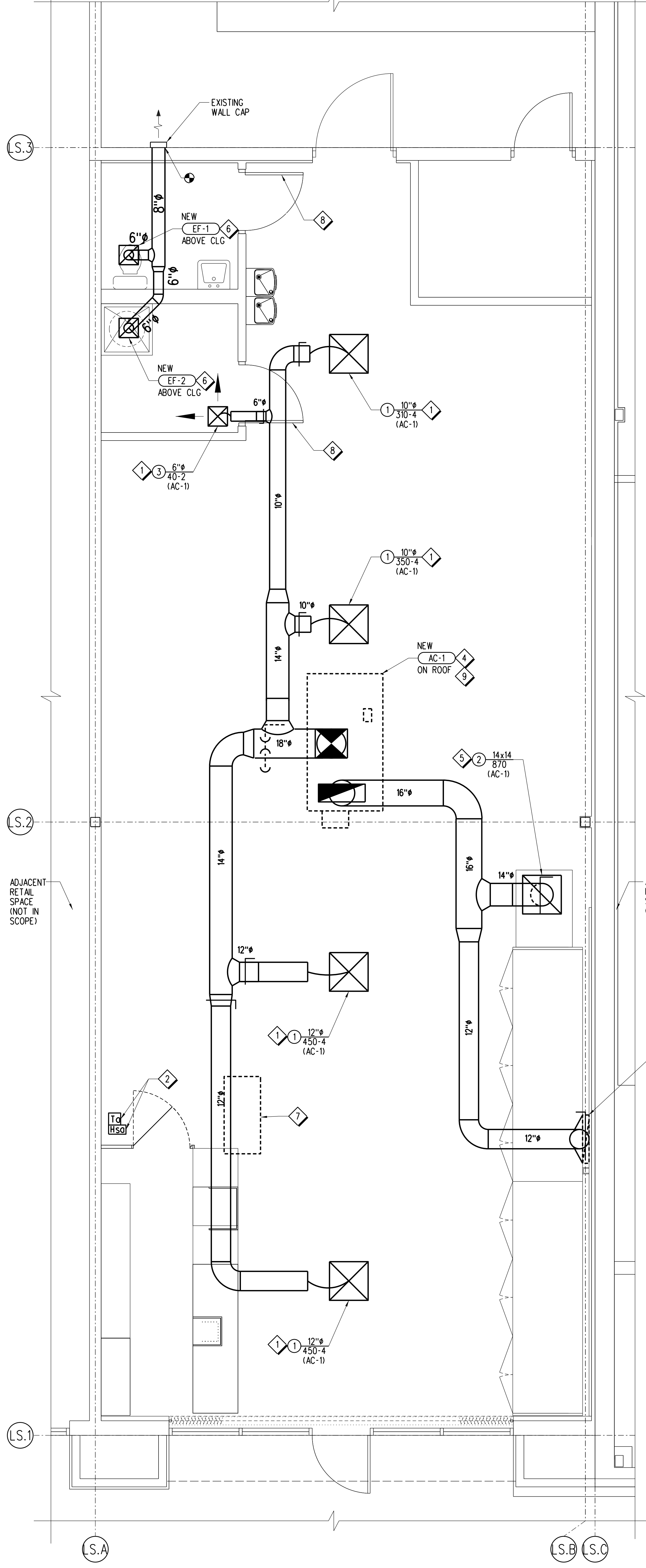


A1 HVAC DEMOLITION PLAN
M-2
0 1 2 4 8
1/8" = 1'-0"

username# #DATE# #TIME# #DGN#SPEC#

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 1 2 4 8
1/8" = 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:

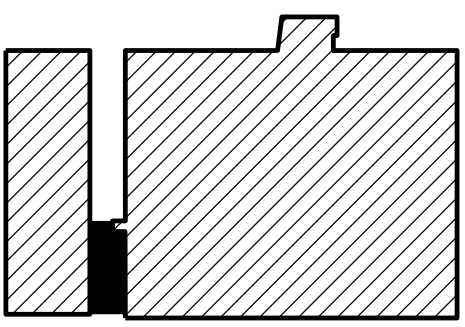
- A. CONTRACTOR SHALL REFERENCE AIR BALANCE TABLE IN ORDER TO CORRECTLY BALANCE ALL FANS AND AC UNITS.
- B. CONTRACTOR TO CLEAN ALL DUCTWORK, AIR DEVICES, AND SENSORS AS NEEDED.
- C. UNLESS OTHERWISE INDICATED ON PLAN, NEW DUCTWORK IS TO BE EXTERNALLY INSULATED.
- D. ALL NEW ROOFTOP EQUIPMENT SHALL BE 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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PORT CHARLOTTE, FLORIDA 33948

Key Plan:



PROJECT TRUE NORTH

Jacobs Project No.: F6-W752-00-1013L5
Drawing Title:

HVAC DEMOLITION AND PLAN

Date: 07/22/22
Designed By: C CALDIE
Drawn By: C CALDIE
Checked By: K CHANG

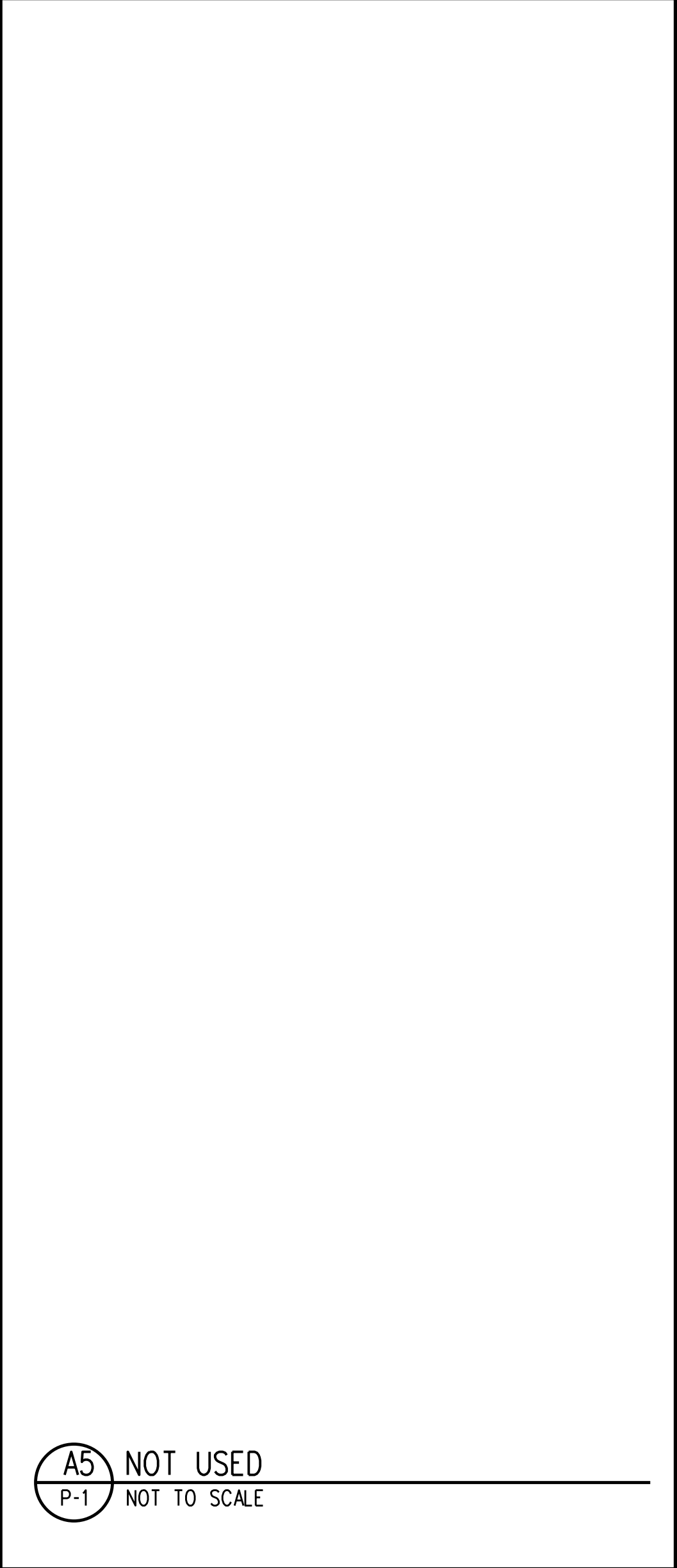
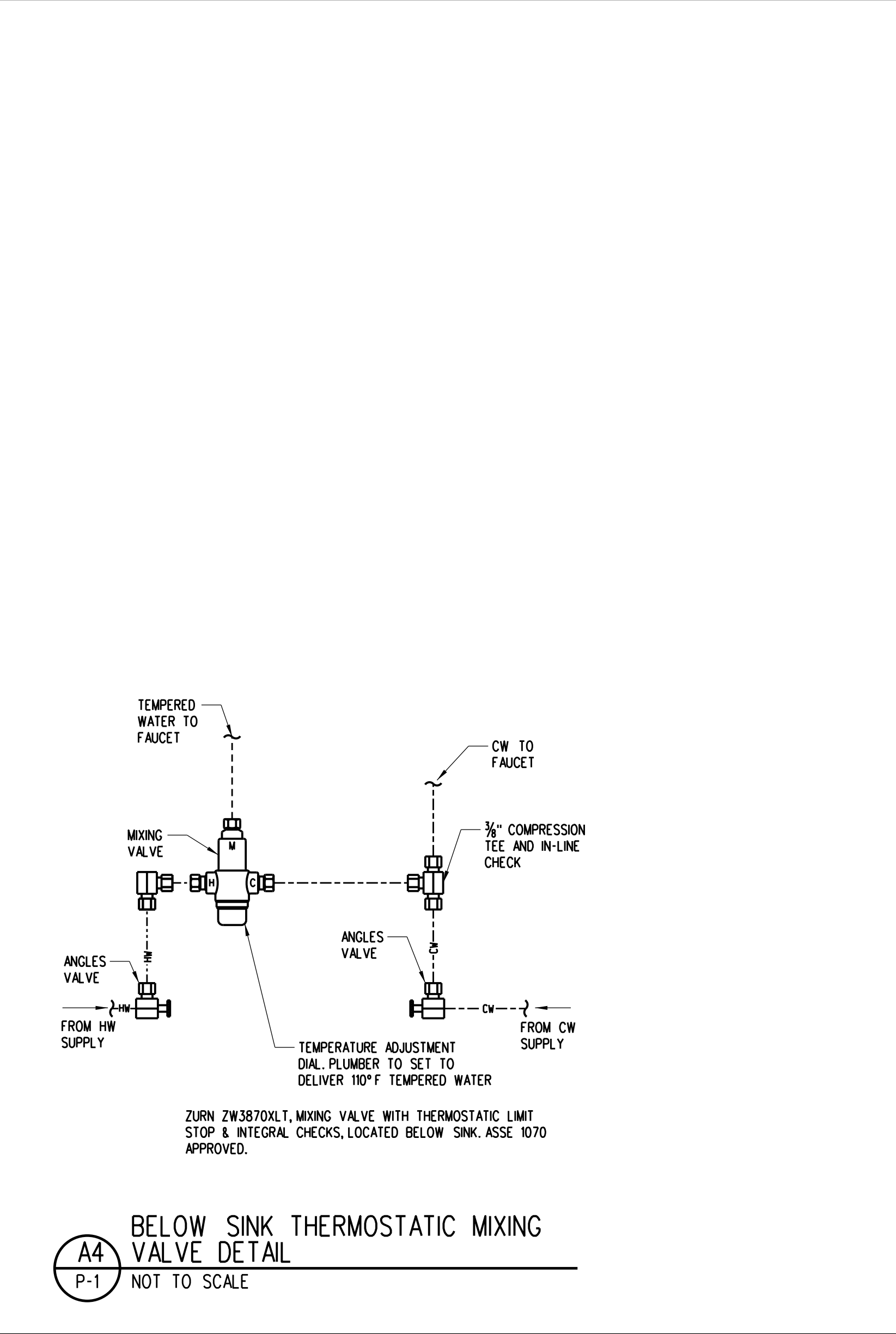
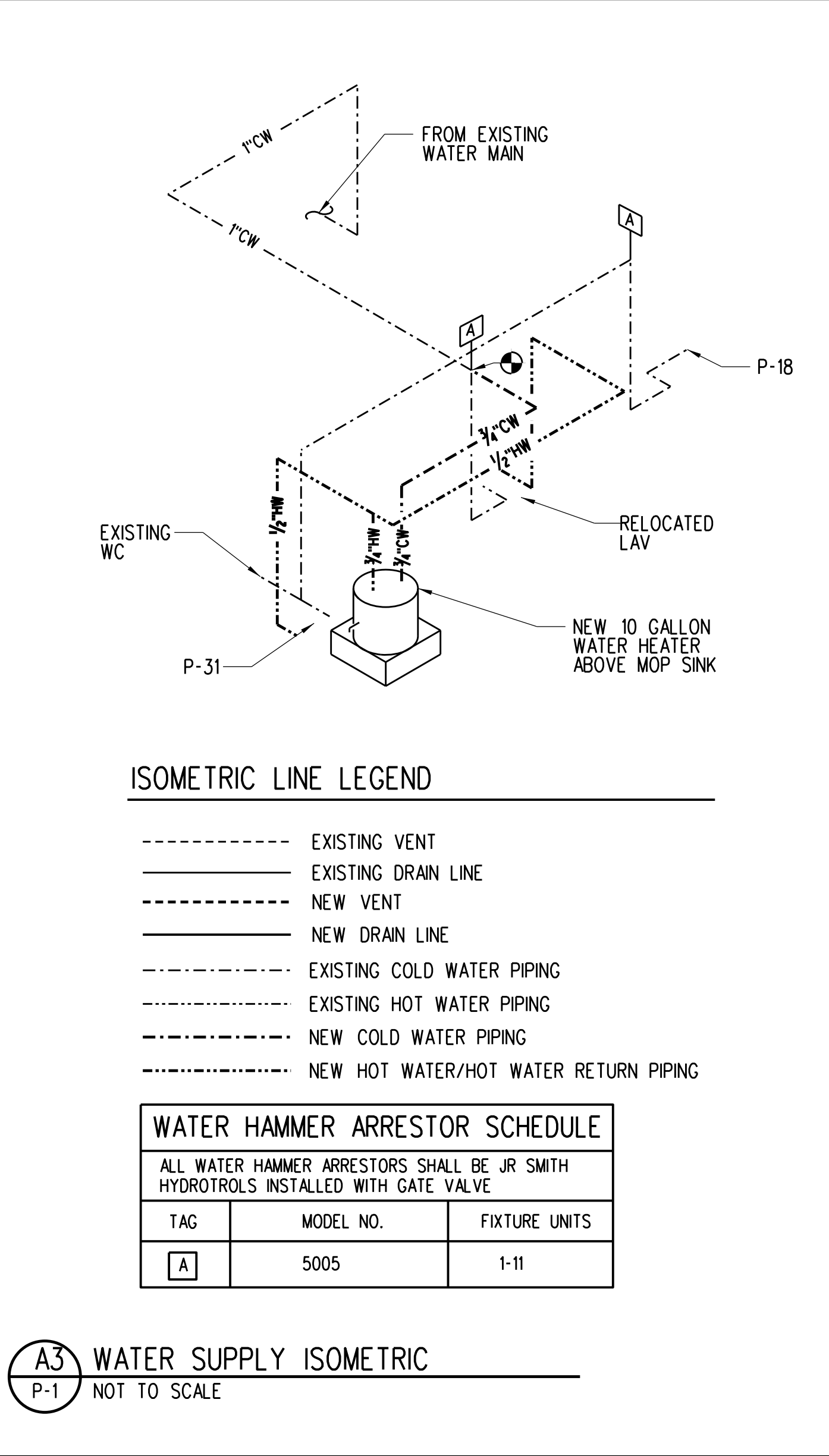
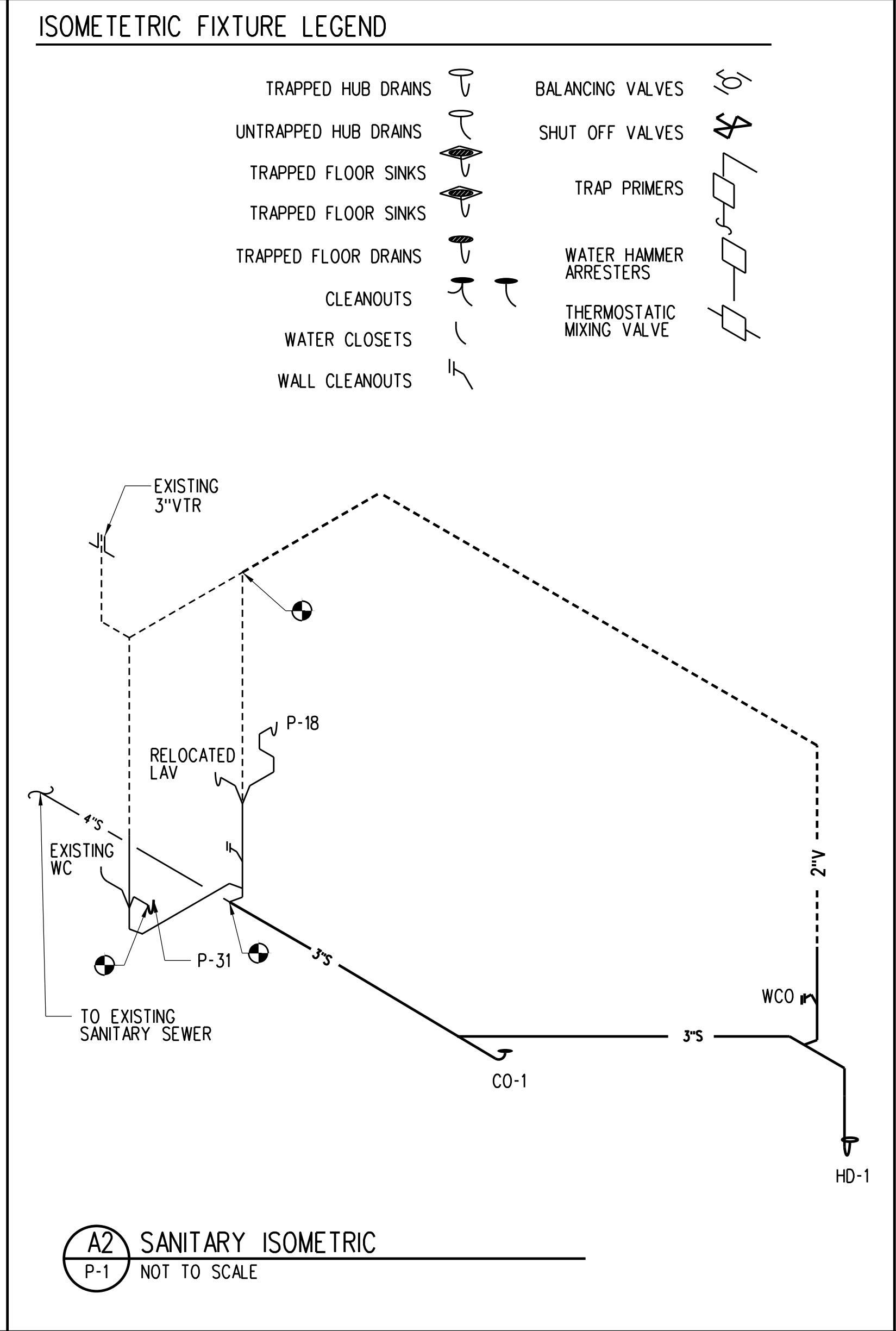
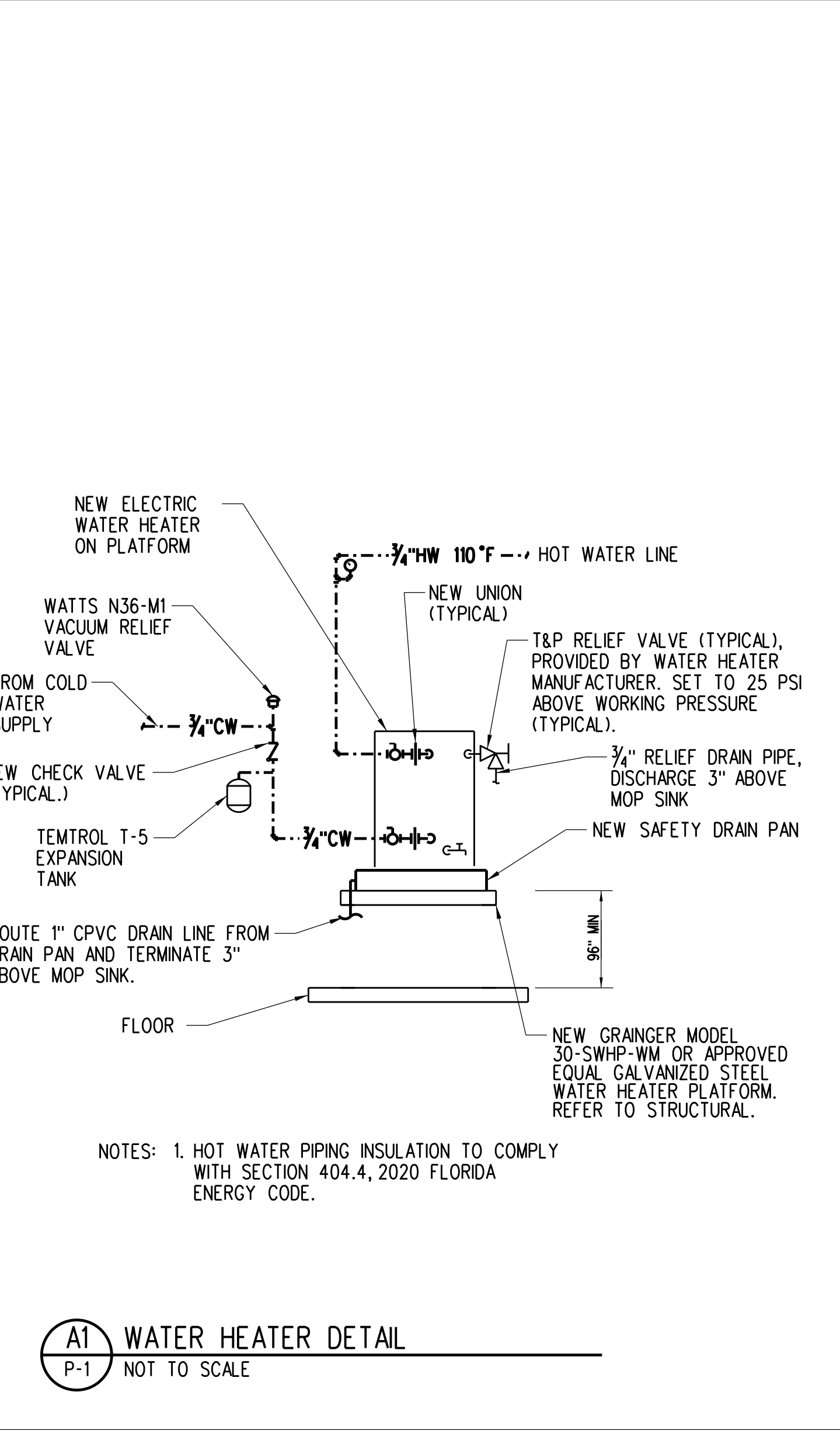
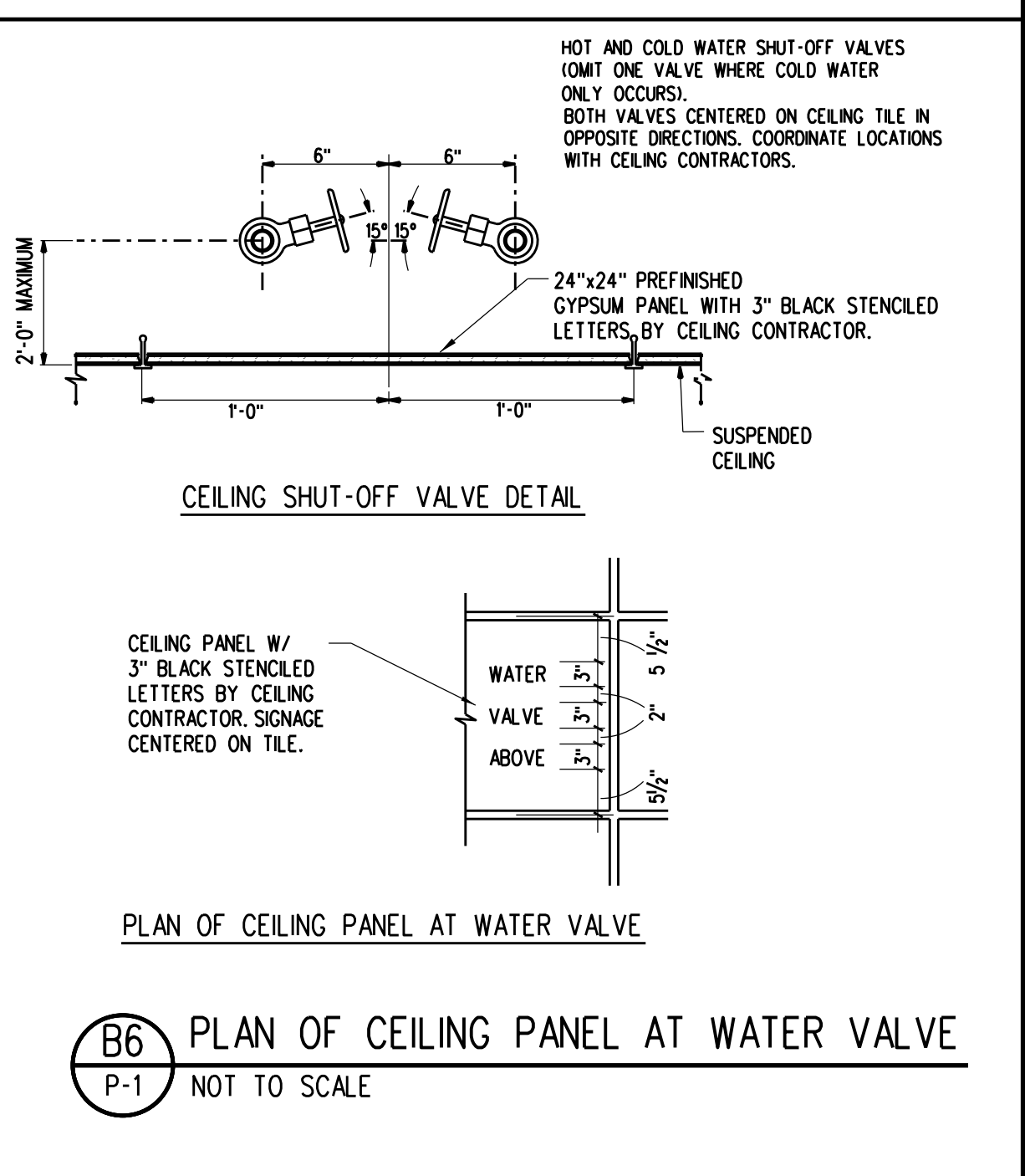
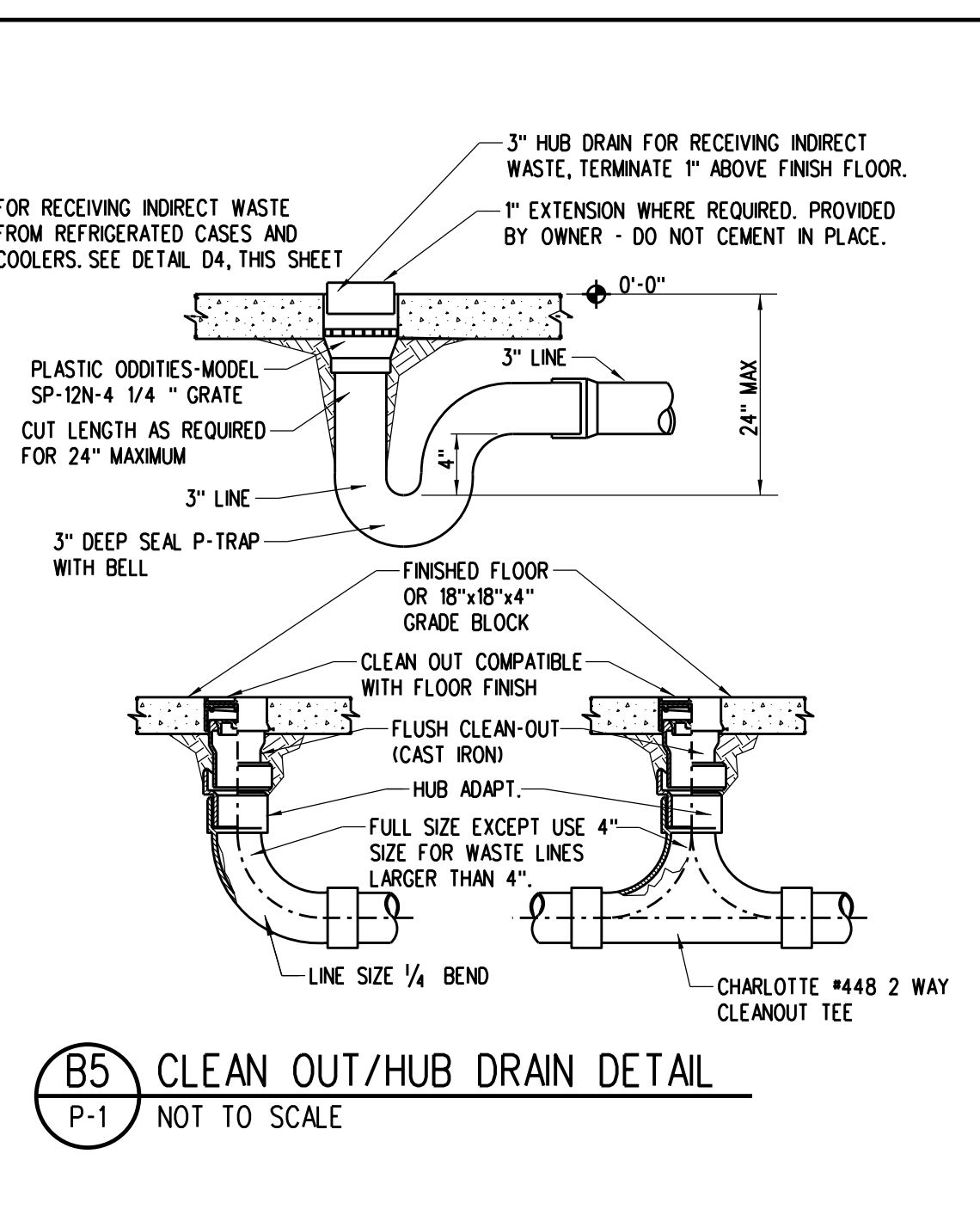
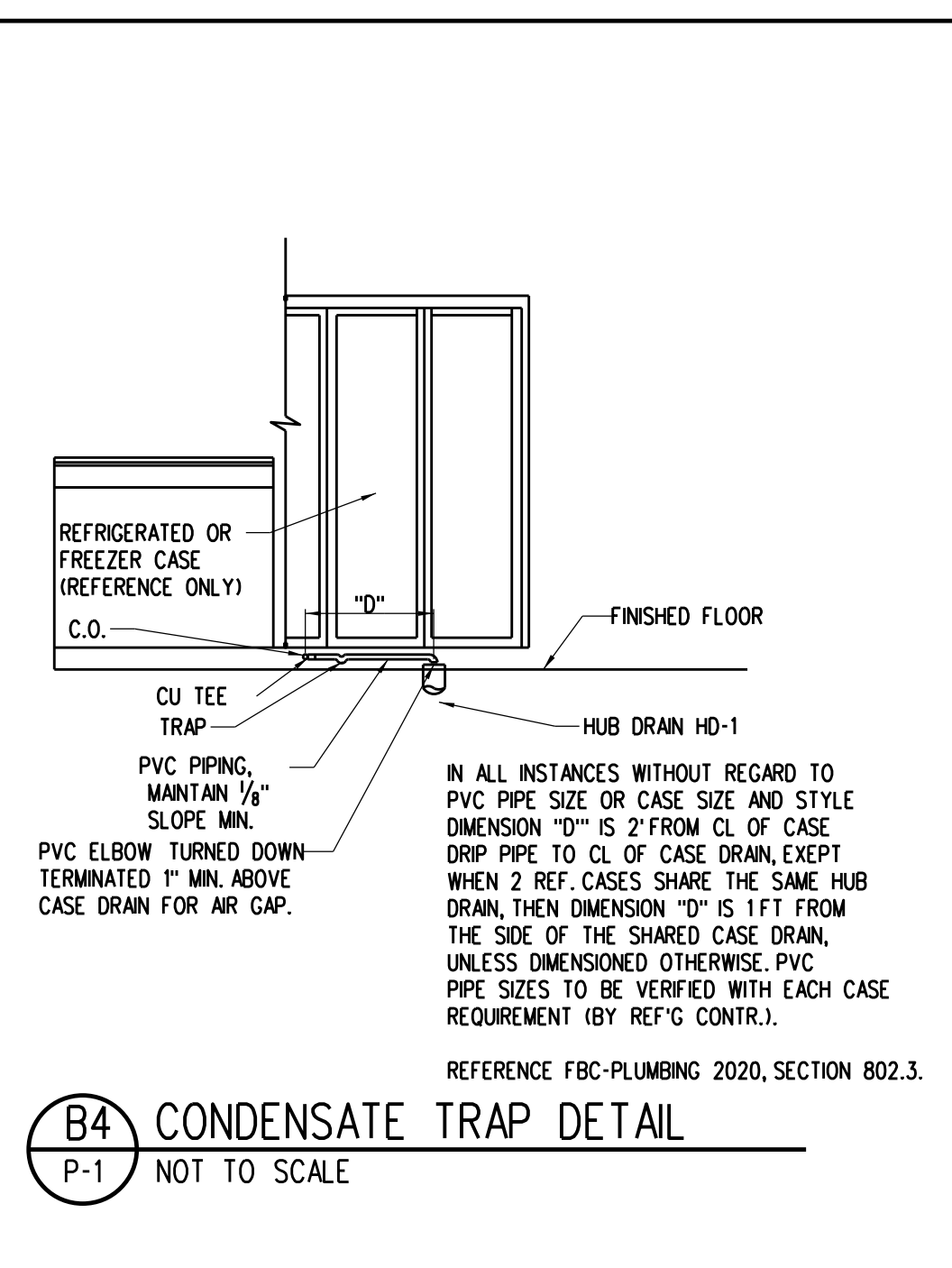
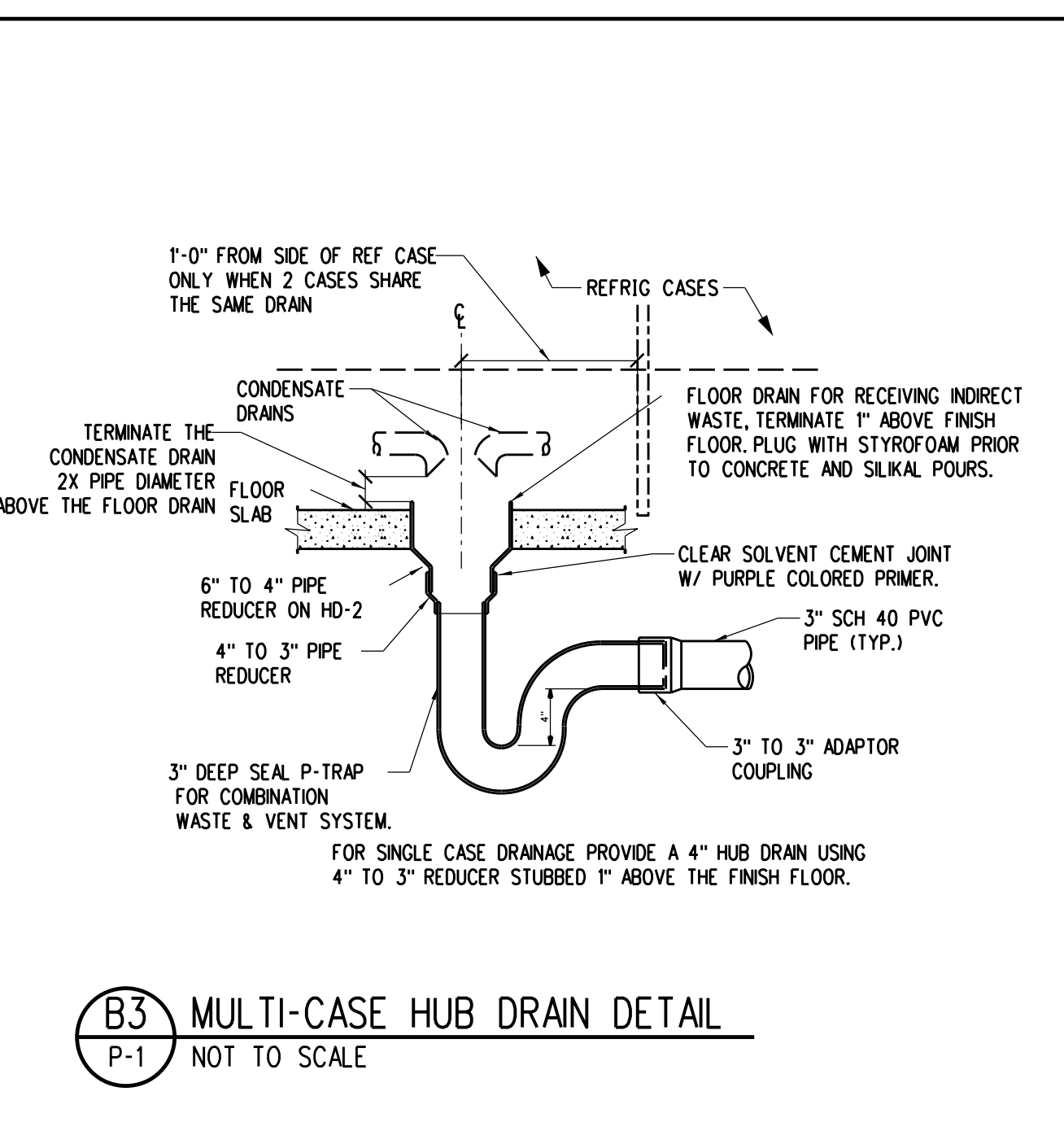
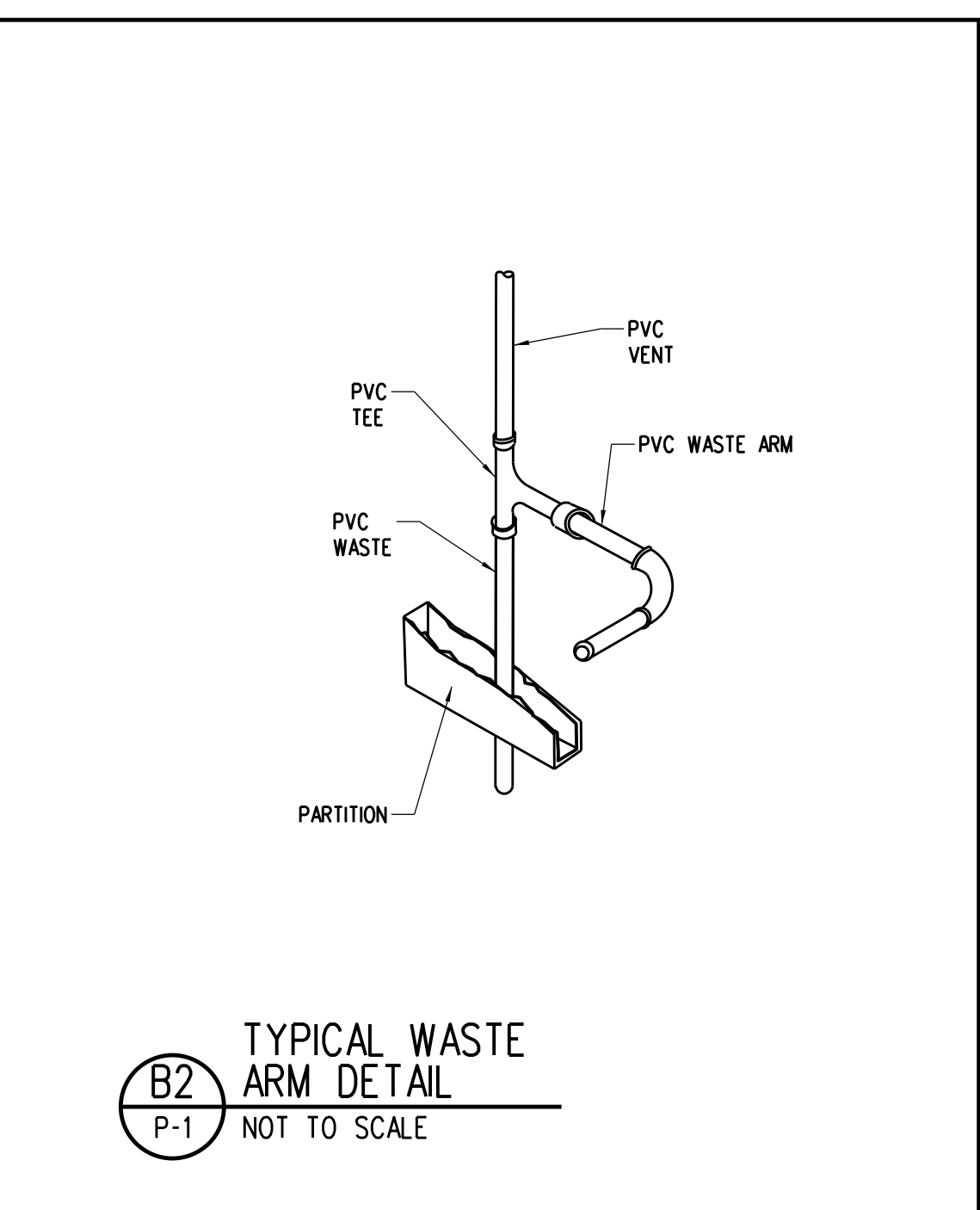
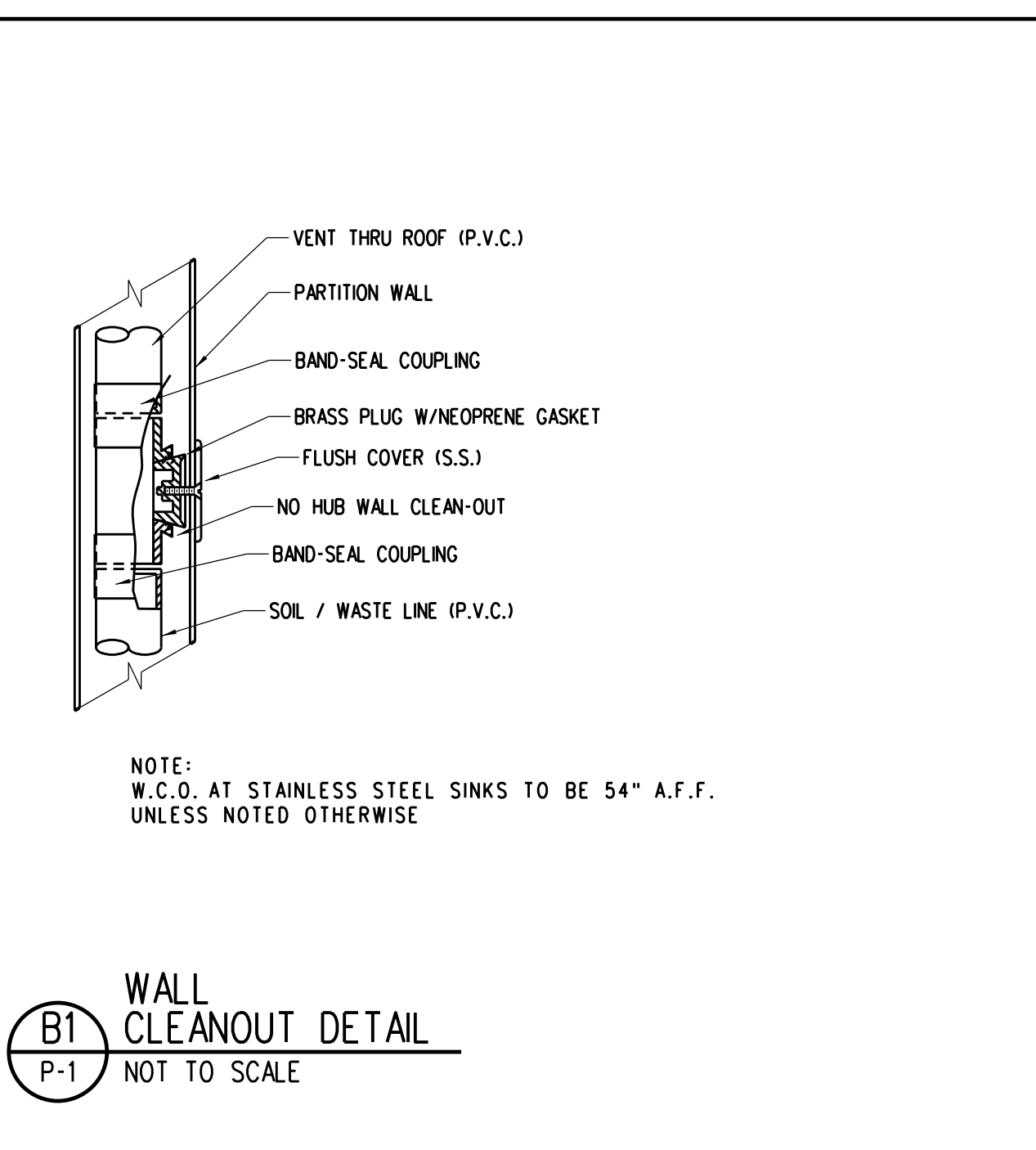
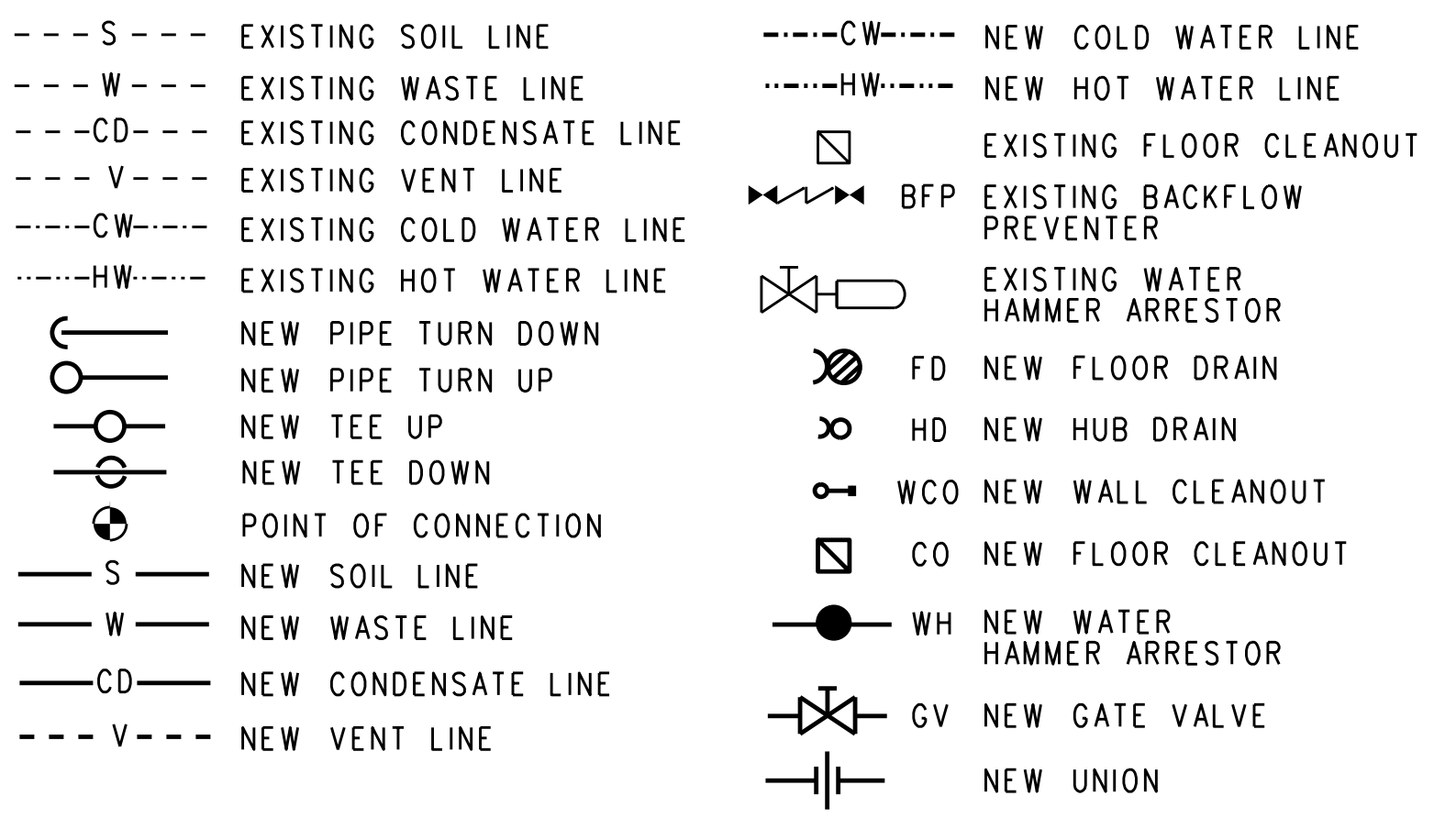
FLOOR DRAINS, CLEAN OUTS, ETC. SCHEDULE				
MARK	DESCRIPTION	SMITH	ZURN	COMMENTS
HD-1	4" CASE DRAIN, US PLASTICS 4X3 PVC REDUCER, CHARLOTTE 706-X P-TRAP	-----	-----	SEE DETAILS B3-B5, SHEET P-1. HUB DRAINS FOR REFRIGERATED CASES SHALL HAVE DEEP SEAL TRAPS.
WCO	WALL CLEAN OUT, CAST IRON TEE, W/BRONZE PLUG, S.S. COVER.	4531	Z-1446-8P	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/DRAIN CONNECTION	CW	HW			ELEC
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 P8ACSL DUAL LEVEL BARRIER FREE, 8.0 GPH, PVC TRAP, COPPER RISER STOPS, ACCESSORY APRON ELKAY MODEL LKAPREZL OR OASIS MODEL O35174-003.	1 1/2"	1/2"	-----	120/60/1	PLUMBER	WALL MOUNTED.
P-31	MS - MOP SINK	FLORESTONE MOLDED PLASTIC MOP SINK MODEL MSR-2424, 1 & S BRASS B-865-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, LOWER 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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PORT CHARLOTTE, FLORIDA 33948

Key Plan:
Jacobs Project No.: F6-W752-00-1013L5
Drawing Title:
PLUMBING SCHEDULES AND DETAILS
Date: 07/22/22
Designed By: C CALDIE
Drawn By: C CALDIE
Checked By: K CHANG
Drawing No.:
P-1

DEMOLITION NOTES:

- ① REMOVE PLUMBING FIXTURE AND ALL EXPOSED PLUMBING.
- ② REMOVE PLUMBING FIXTURE AND ALL EXPOSED PLUMBING. STORE FIXTURE ONSITE FOR REUSE.
- ③ REMOVE EXISTING DRAIN/CLEANOUT AND PREPARE REMAINING PIPE END FOR NEW CONNECTION.
- ④ REMOVE EXISTING ELECTRIC WATER HEATER.
- ⑤ REMOVE PIPING DOWNSTREAM OF CAP AS SHOWN.

GENERAL NOTES:

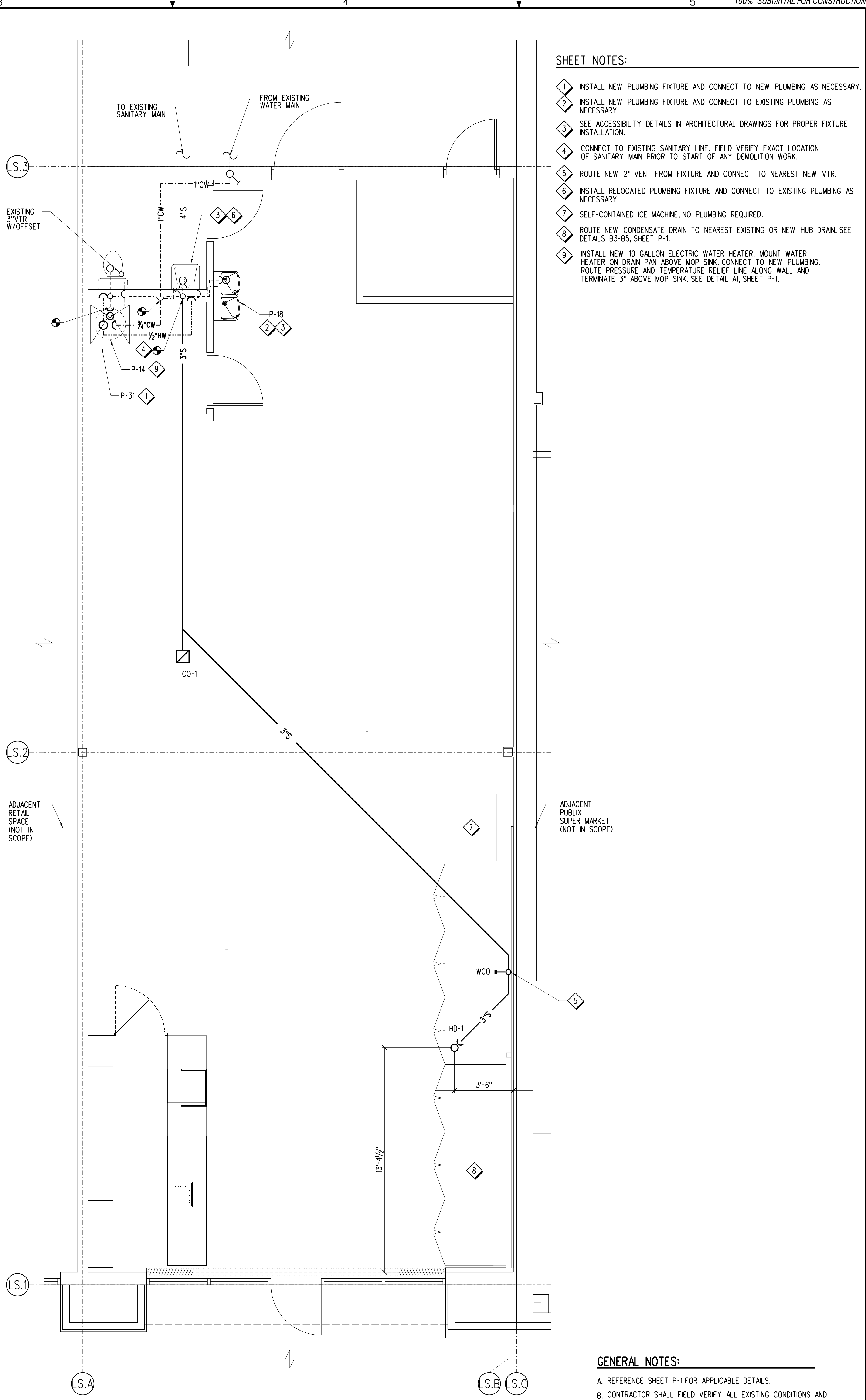
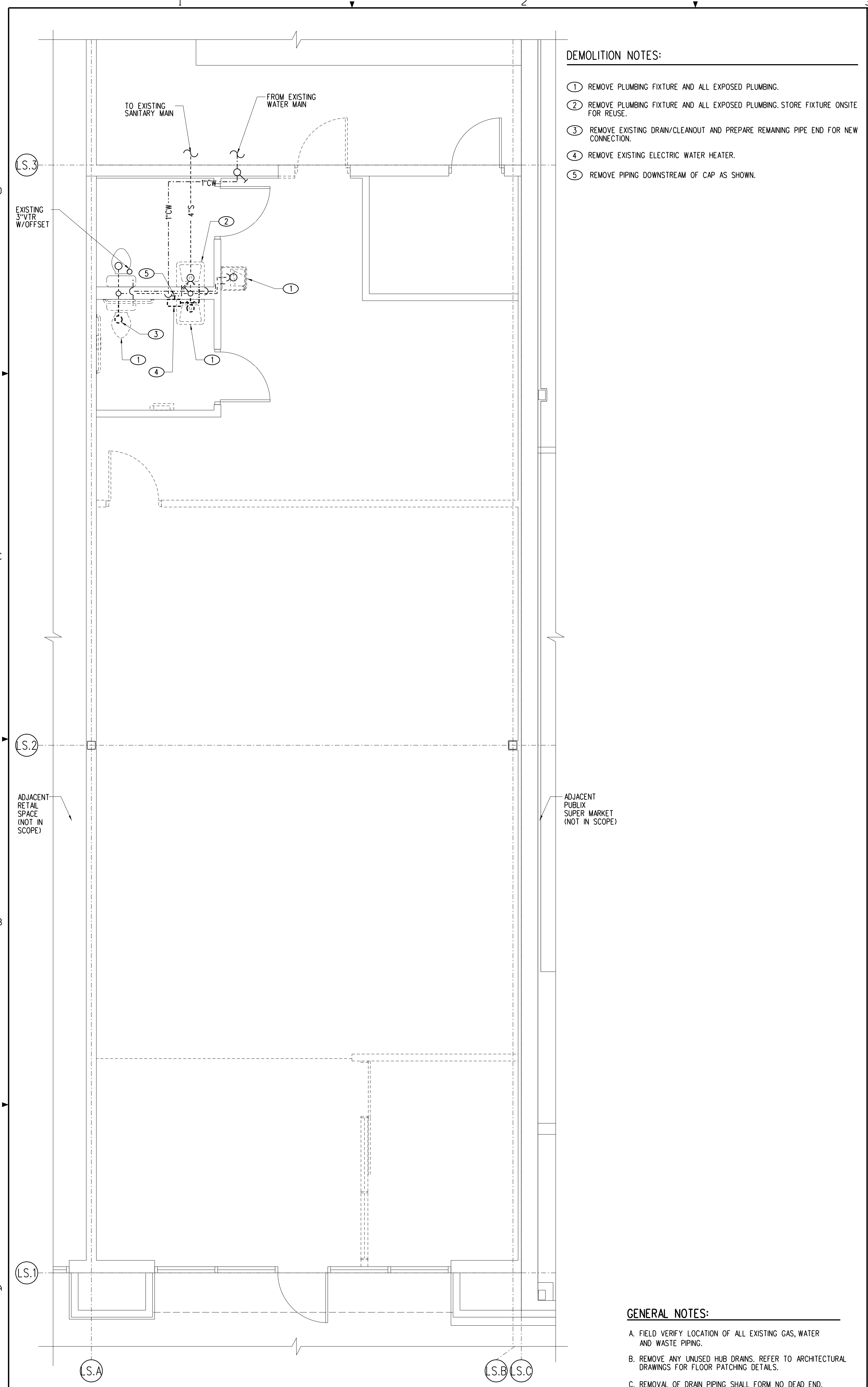
- A. FIELD VERIFY LOCATION OF ALL EXISTING GAS, WATER AND WASTE PIPING.
- B. REMOVE ANY UNUSED HUB DRAINS. REFER TO ARCHITECTURAL DRAWINGS FOR FLOOR PATCHING DETAILS.
- C. REMOVAL OF DRAIN PIPING SHALL FORM NO DEAD END.
- D. ALL EXPOSED PLUMBING SHALL BE DEMO'D BACK TO WALL CONNECTION AND CAPPED INSIDE 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 INSTALL RELOCATED PLUMBING FIXTURE AND CONNECT TO EXISTING PLUMBING AS NECESSARY.
- ⑦ SELF-CONTAINED ICE MACHINE, NO PLUMBING REQUIRED.
- ⑧ ROUTE NEW CONDENSATE DRAIN TO NEAREST EXISTING OR NEW HUB DRAIN. SEE DETAILS B3-B5, SHEET P-1.
- ⑨ 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 P-1 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.



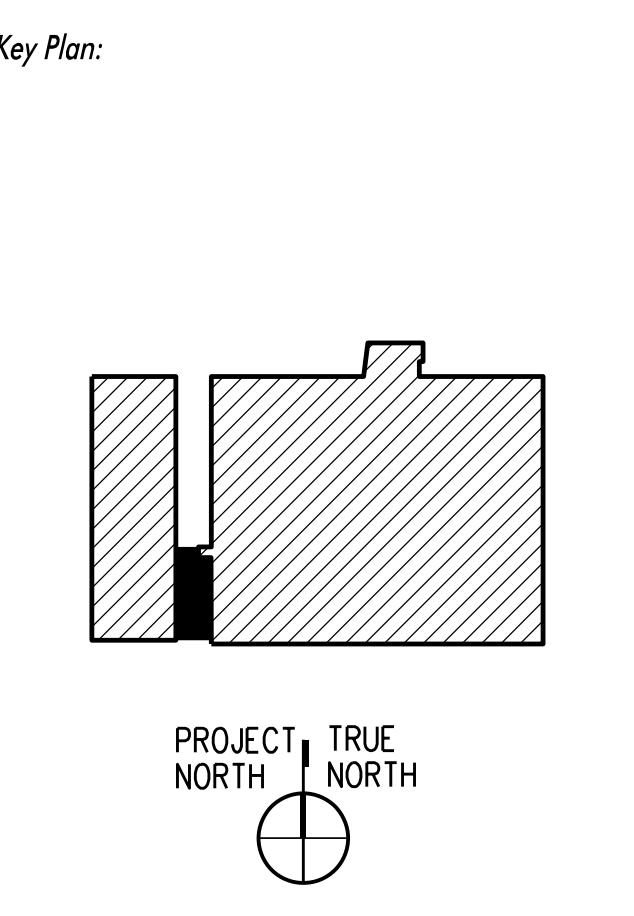
A1 PLUMBING DEMOLITION PLAN
P-2
0 1 2 4 8'
1/8" = 1'-0"

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

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Drawing Title:

PLUMBING DEMOLITION AND PLAN

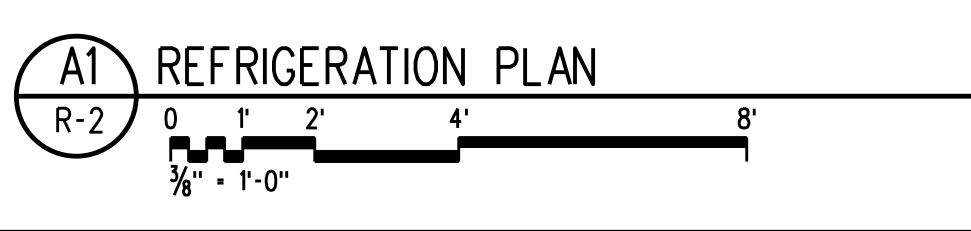
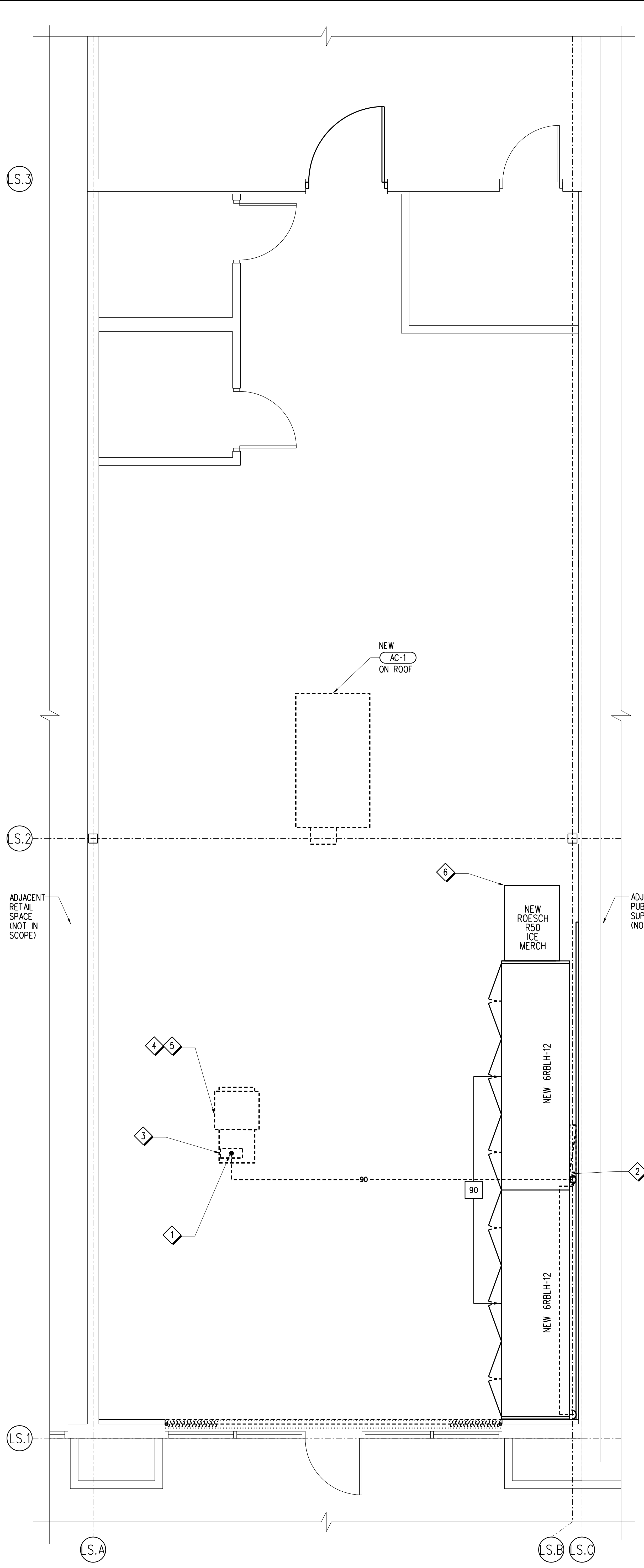
Date: 07/22/22
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Drawn By: C CALDIE
Checked By: K CHANG
Drawing No.:
P-2

SHEET NOTES:

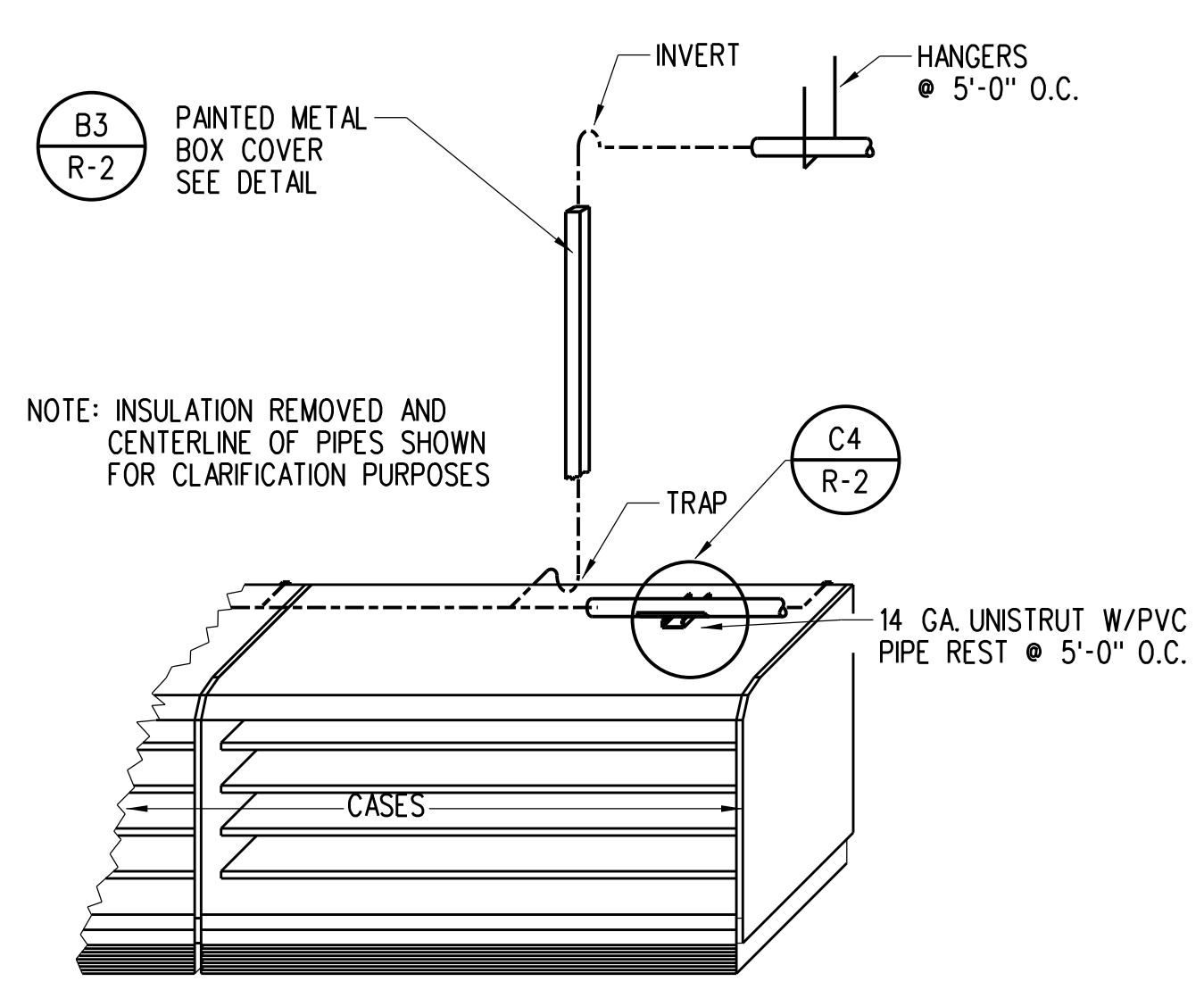
1. CONNECT NEW REFRIGERATION LINES TO UNIT MANIFOLD. SEE SHEET R-1 FOR LINE SIZES.
2. REFRIGERATION PIPING SHALL BE ROUTED DOWN THROUGH PIPING CHASE. SEE ARCHITECTURAL SHEETS FOR PIPE DROP LOCATION. SEE THIS SHEET FOR CHASE DETAILS.
3. ROUTE NEW REFRIGERATION PIPING THROUGH NEW PIPE CURB INCLUDED WITH 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:

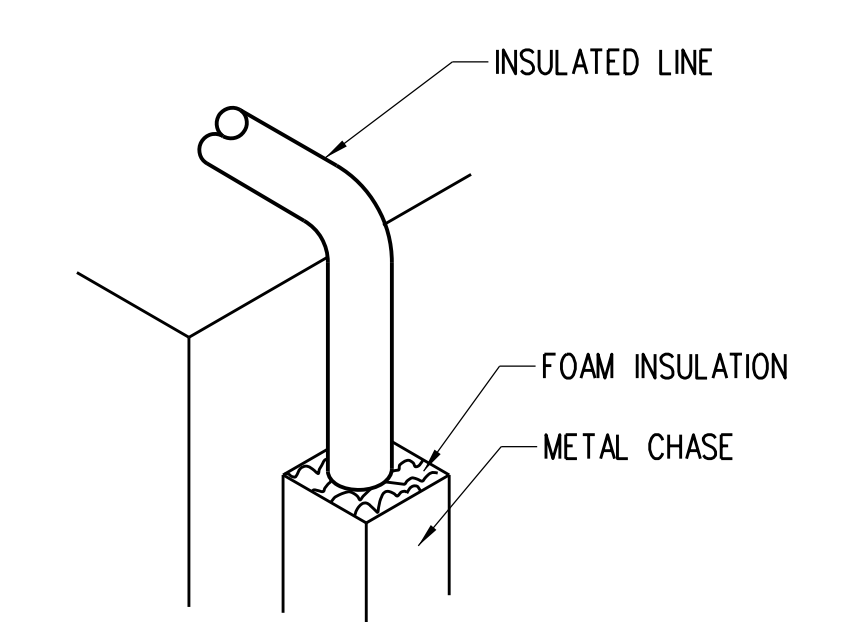
- A. ALL REFRIGERATION CURB CAPPING AND ROOF PATCHING SHALL BE PERFORMED BY ROOFING CONTRACTOR.
- B. REFRIGERATION CONTRACTOR IS RESPONSIBLE FOR CONSULTING ENGINEERING DRAWINGS TO DETERMINE IF SCOPE OF WORK REQUIRES ROOFTOP REFRIGERATION BENCHES TO BE RAISED.



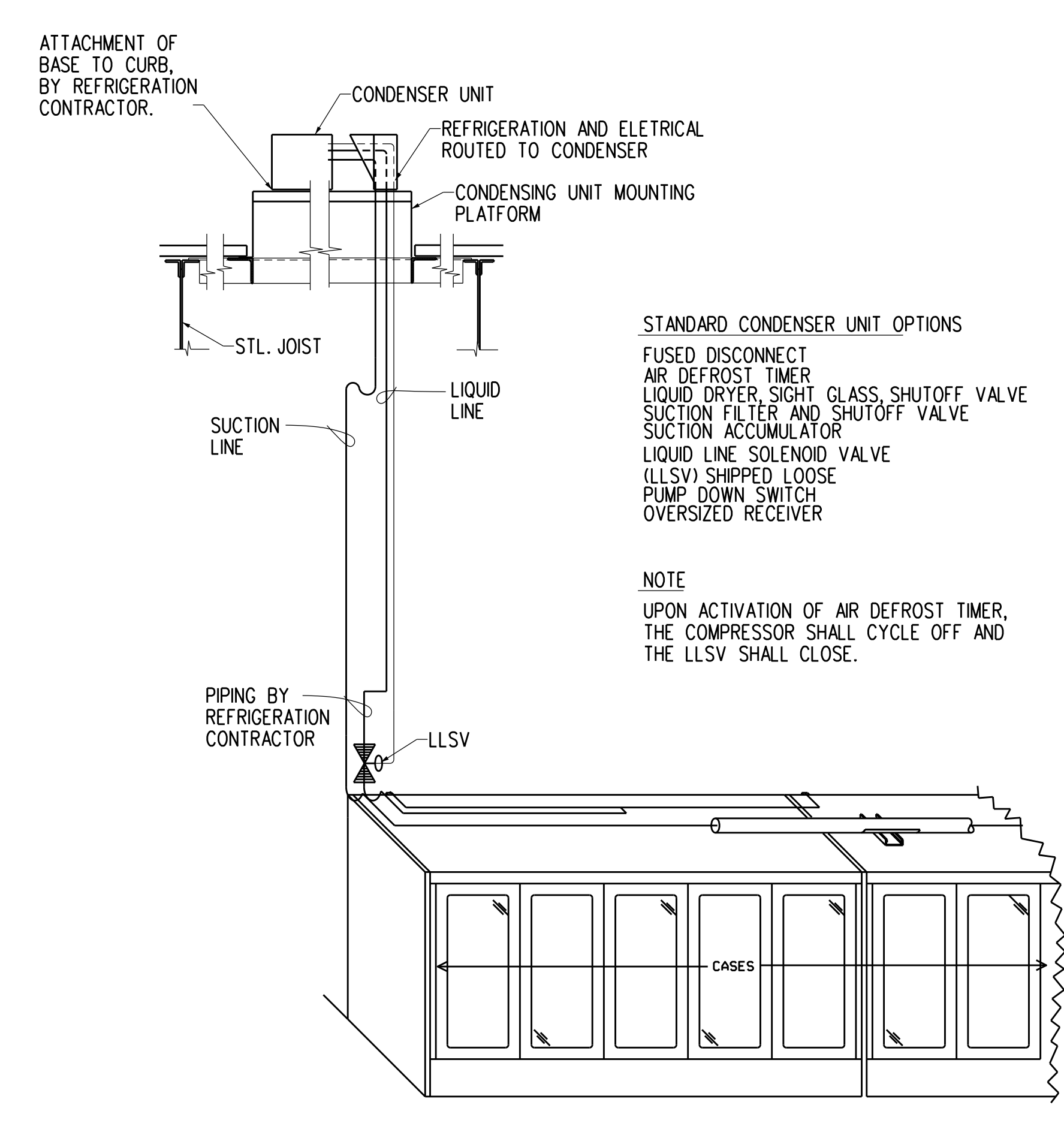
A1 REFRIGERATION PLAN
R-2 NOT TO SCALE



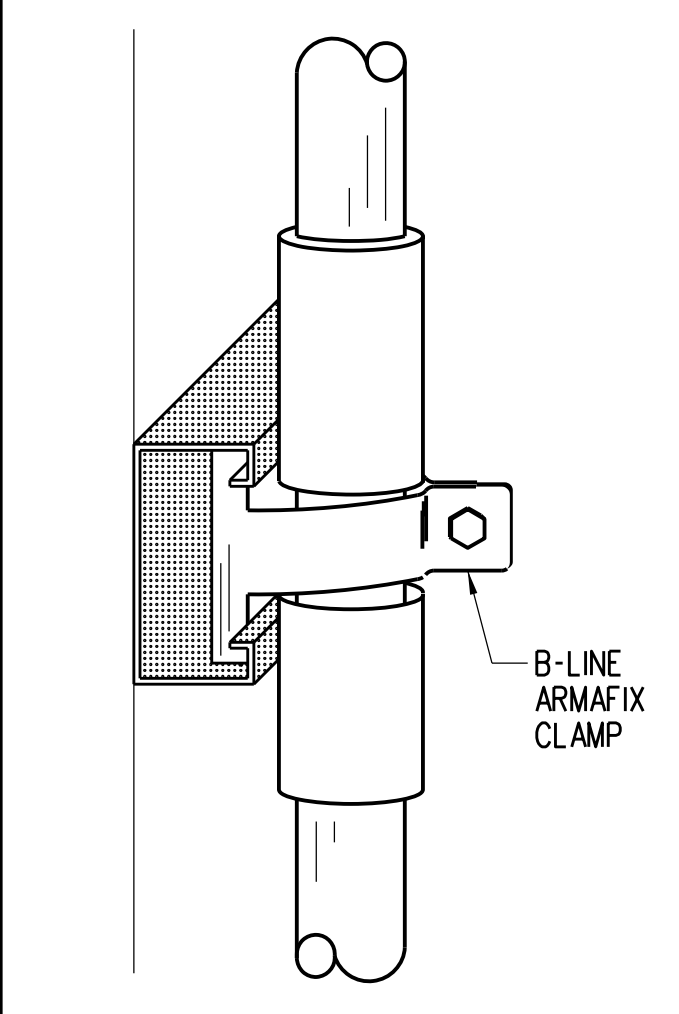
E3 TYPICAL BEVERAGE CASE DETAIL
R-2 NOT TO SCALE



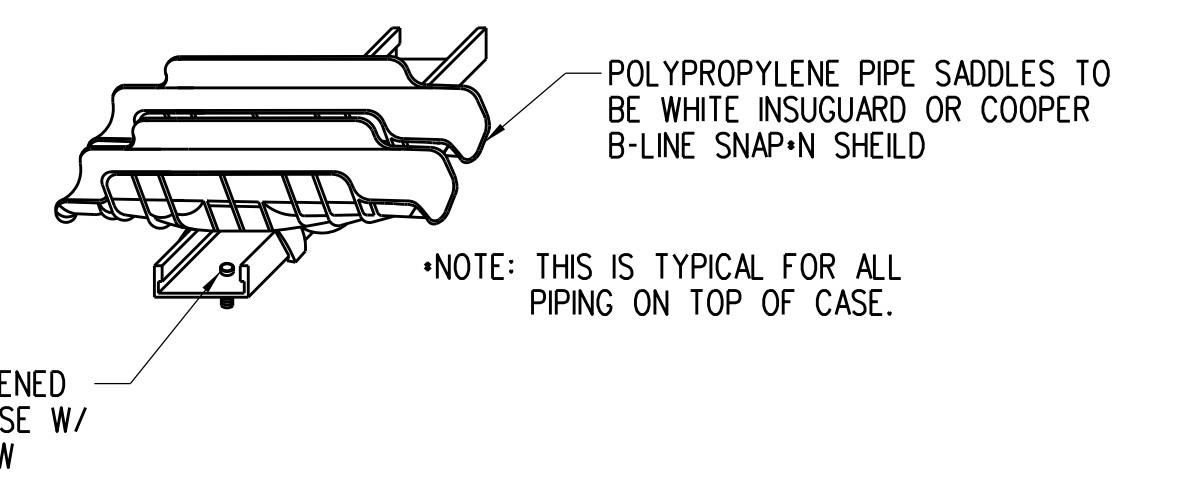
E4 FOAM INSULATION AT BACK OF CASE
R-2 NOT TO SCALE



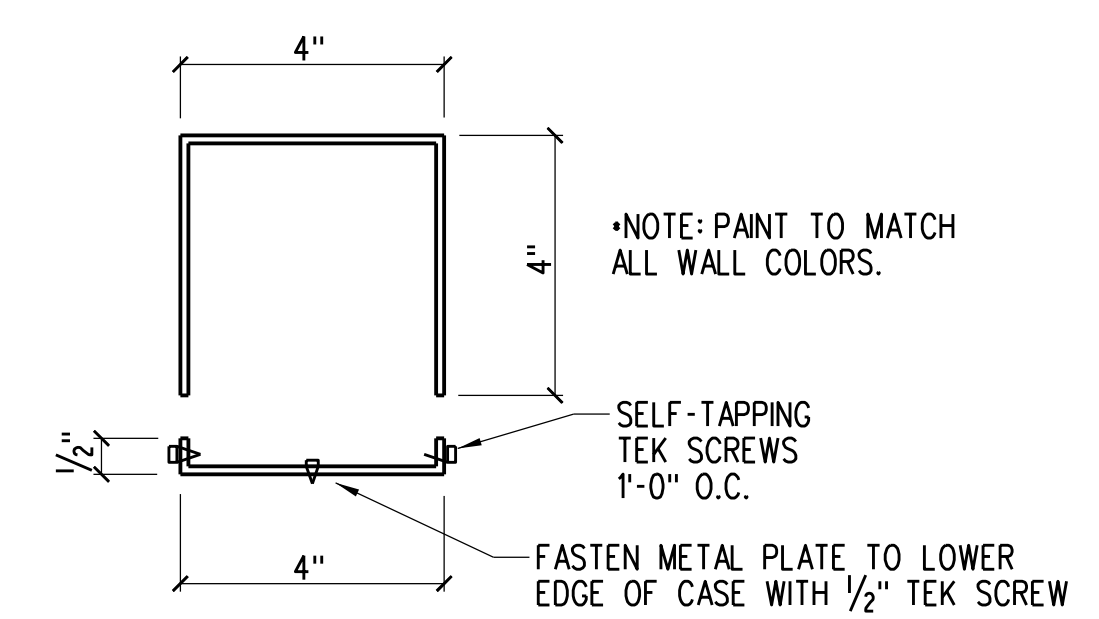
C3 INDIVIDUAL UNIT PIPING DETAIL
R-2 NOT TO SCALE



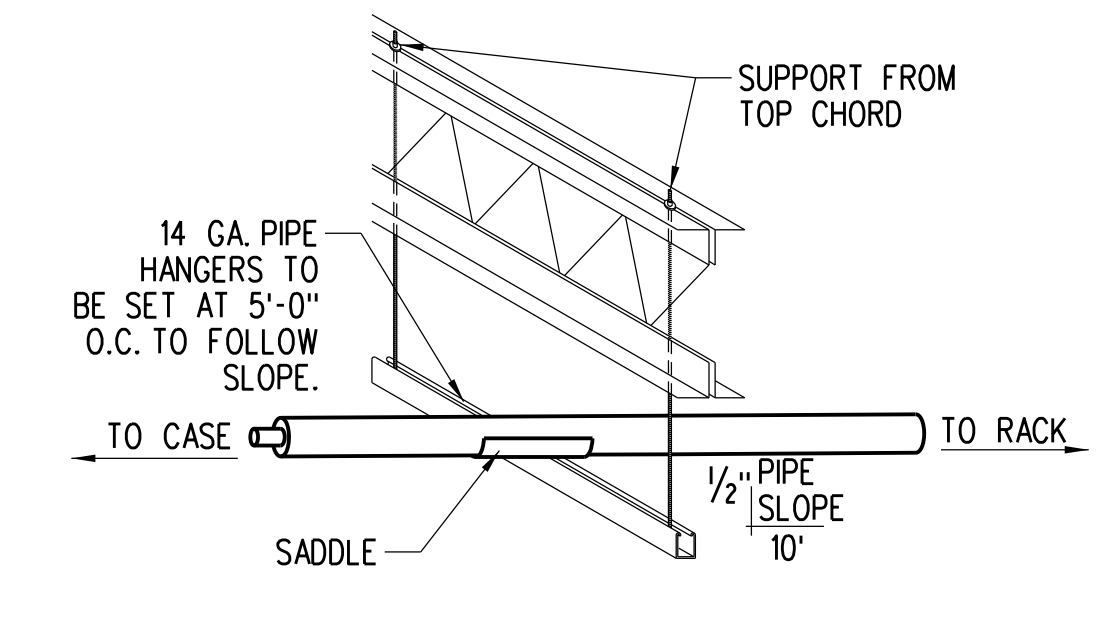
D4 TYPICAL VERTICAL WALL CLAMP DETAIL
R-2 NOT TO SCALE



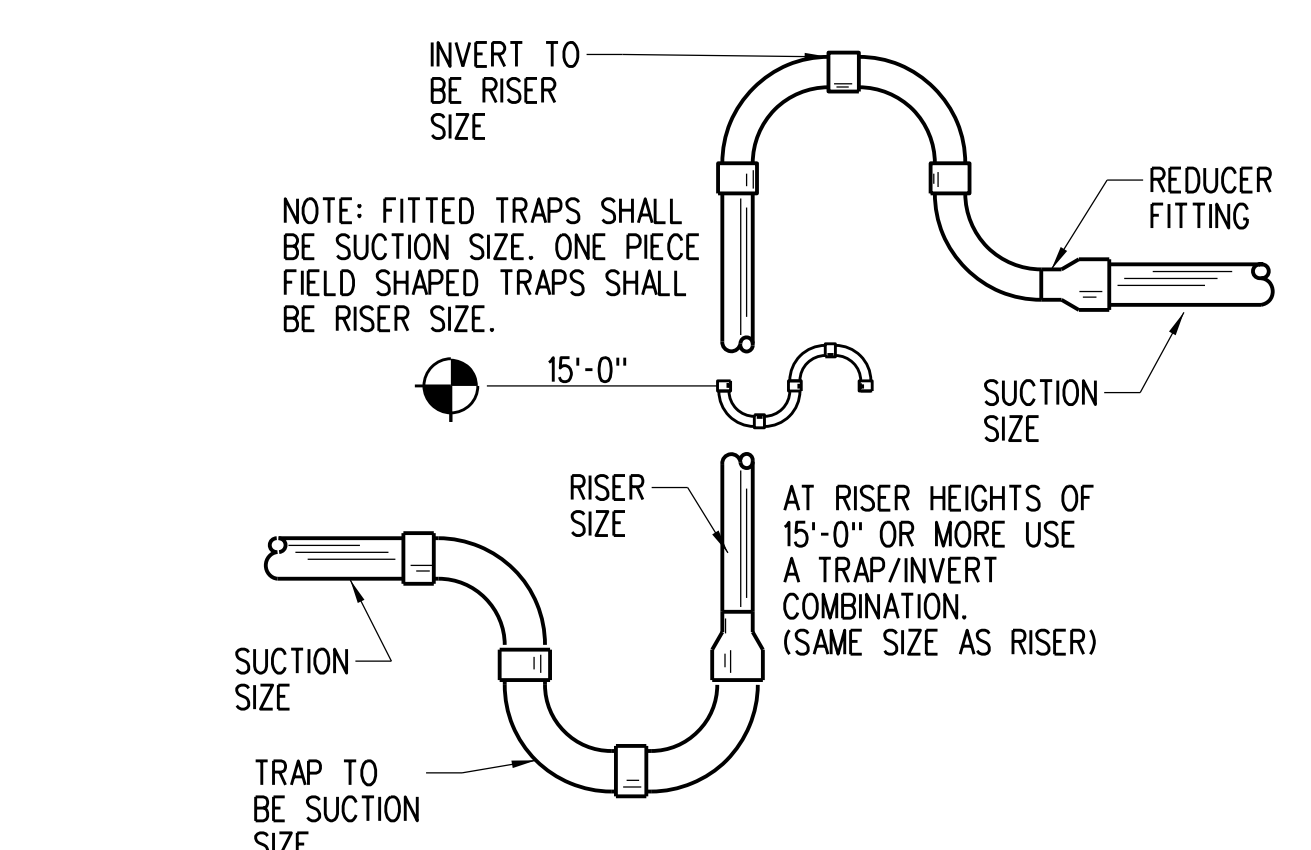
C4 TYPICAL PIPE SUPPORT
R-2 NOT TO SCALE



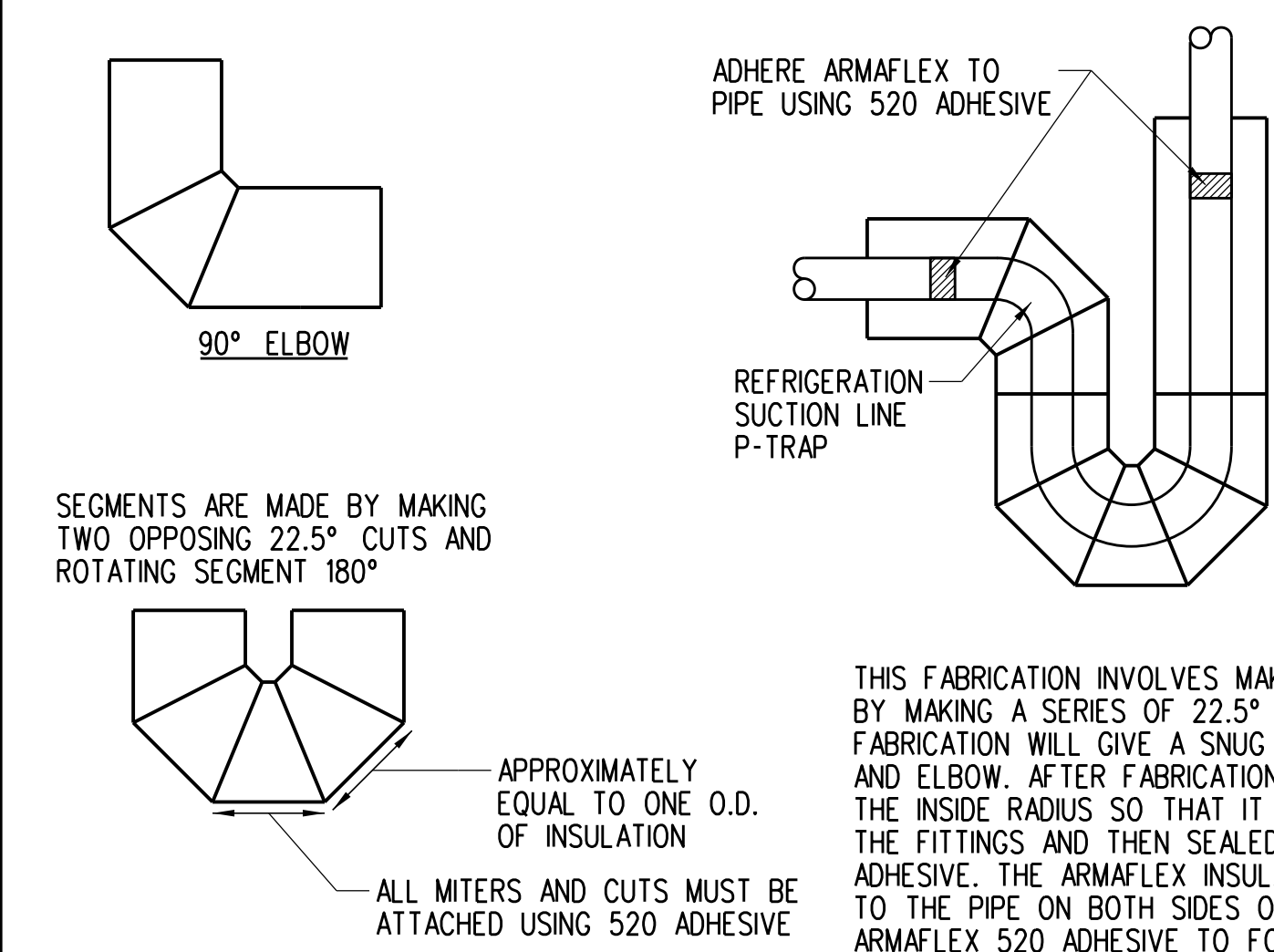
B3 PAINTED METAL BOX COVER
R-2 NOT TO SCALE (BY GENERAL CONTRACTOR)



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



A3 TYPICAL TRAP AND INVERT
R-2 NOT TO SCALE



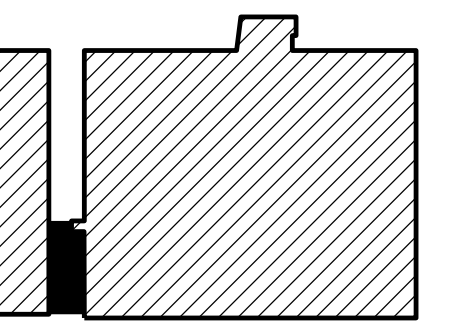
A4 SUCTION LINE P-TRAP & 90° MITER DETAIL
R-2 NOT TO SCALE

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Key Plan:



Jacobs Project No.: F6-W752-00-1013L5
Drawing Title:

REFRIGERATION PLAN AND DETAILS

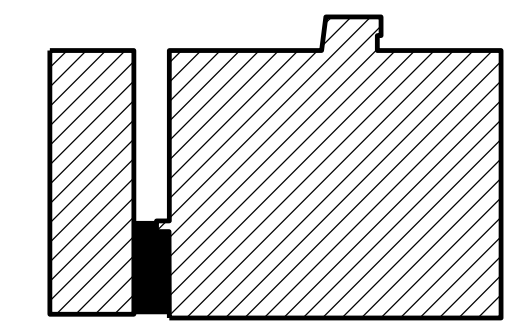
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Drawn By: C CALDIE
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Jacobs Project No.: F6-W752-00-1013L5
Drawing Title:

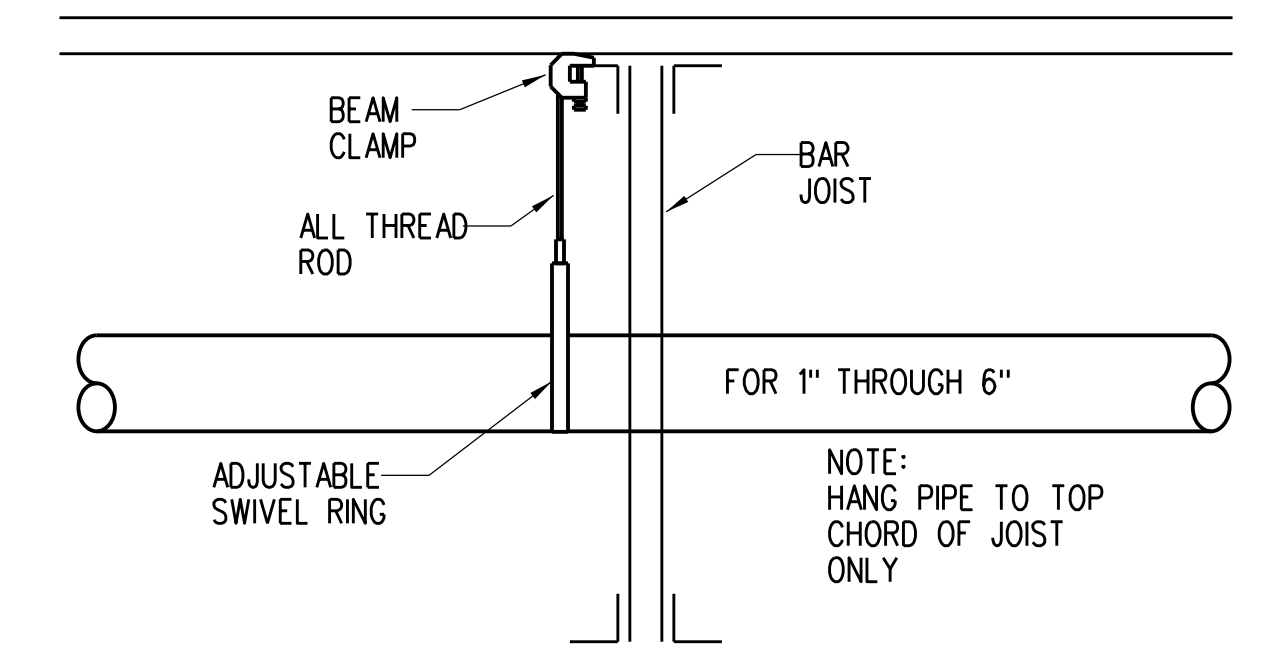
**FIRE PROTECTION PLAN,
GENERAL NOTES
AND DETAILS**

Date: 07/22/22
Designed By: L. OLIMPO
Drawn By: L. OLIMPO
Checked By: K. CHANG

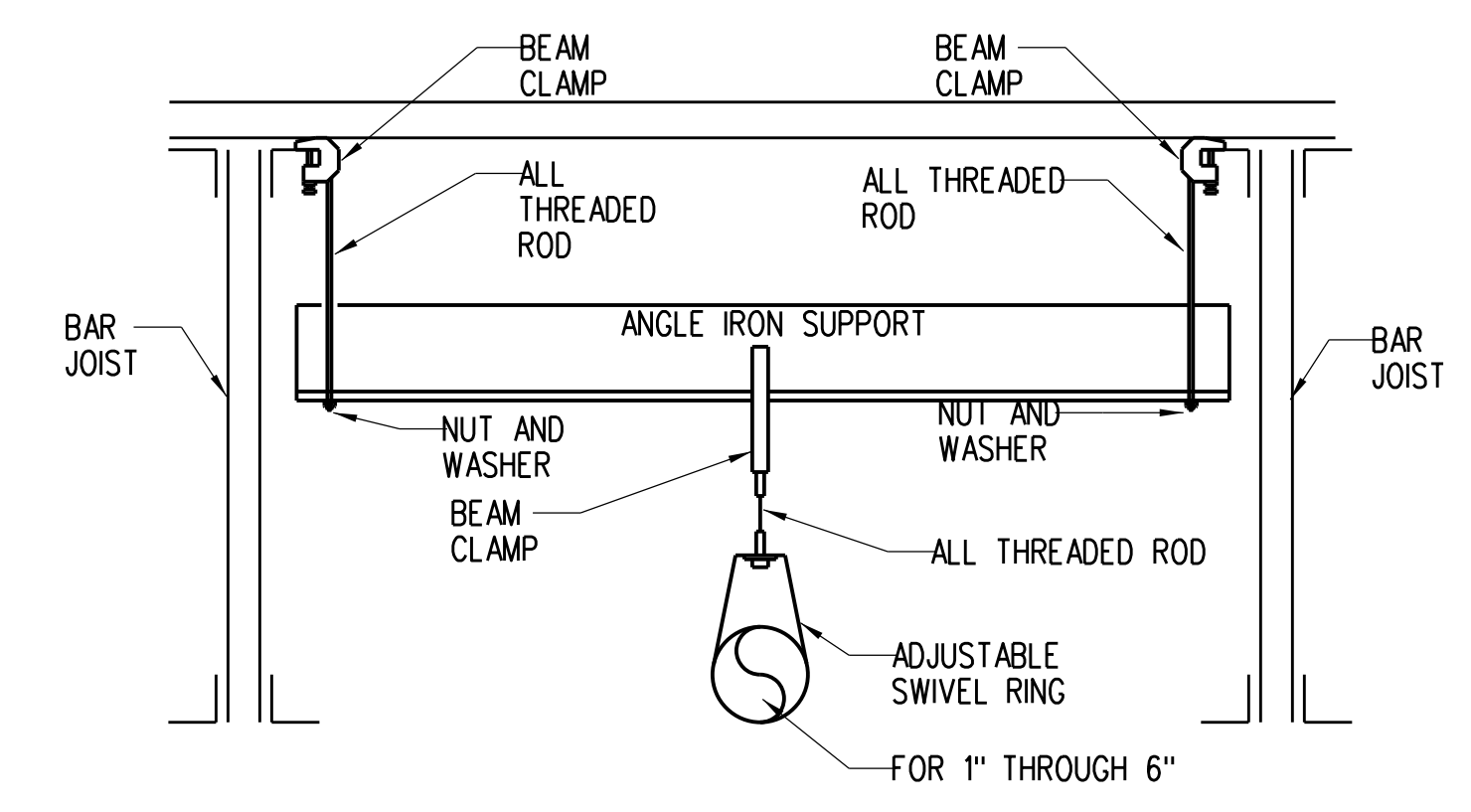
F-1

FIRE SPRINKLER GENERAL NOTES

- DESIGN SHALL BE BASED ON NFPA 13 ORDINARY HAZARD GROUP 2 AND FACTORY MUTUAL.
- ALL MATERIALS, FABRICATION AND INSTALLATION TO BE IN ACCORDANCE WITH THE LATEST EDITION OF NFPA 13 AND ANY OTHER APPLICABLE CODES.
- FIRE SPRINKLER CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS BEFORE ANY BIDDING, FABRICATION AND INSTALLATION HAS BEGUN.
- FIRE SPRINKLER CONTRACTOR SHALL ALSO COORDINATE WORK WITH OTHER TRADES THAT MAY COME INTO CONFLICT BEFORE ANY INSTALLATION.
- 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 "F1" 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
- 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.
- 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.
- ALL NEW FIRE SPRINKLER COMPONENTS SHALL BE U.L. & F.M. APPROVED.
- ALL EXISTING SPRINKLER BRANCH LINES AND CROSS MANS TO REMAIN U.N.O.
- ADJUST SPRINKLER DROPS WHERE APPLICABLE DUE TO NEW CEILING HEIGHT.
- FIRE SPRINKLER CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ANY SPRINKLER HEADS AND DROPS NECESSARY FOR DEMOLITION OF ANY KIND.



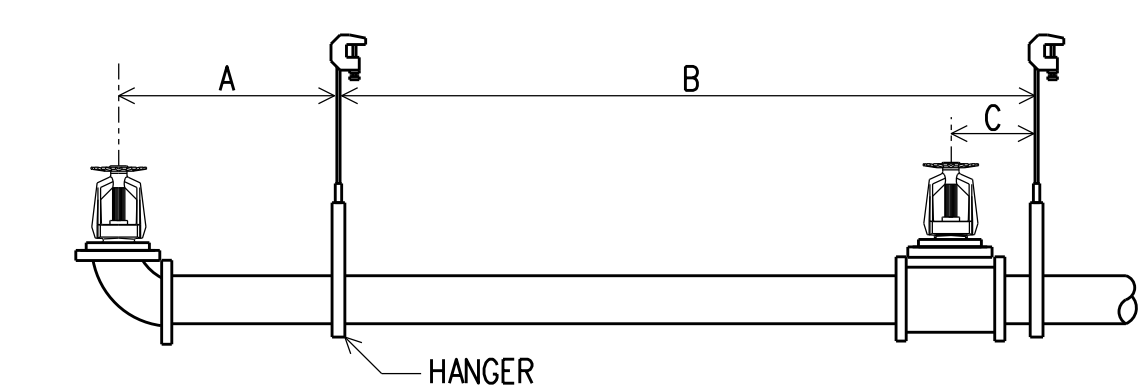
D3 PIPE HANGER DETAIL
F-1 NOT TO SCALE



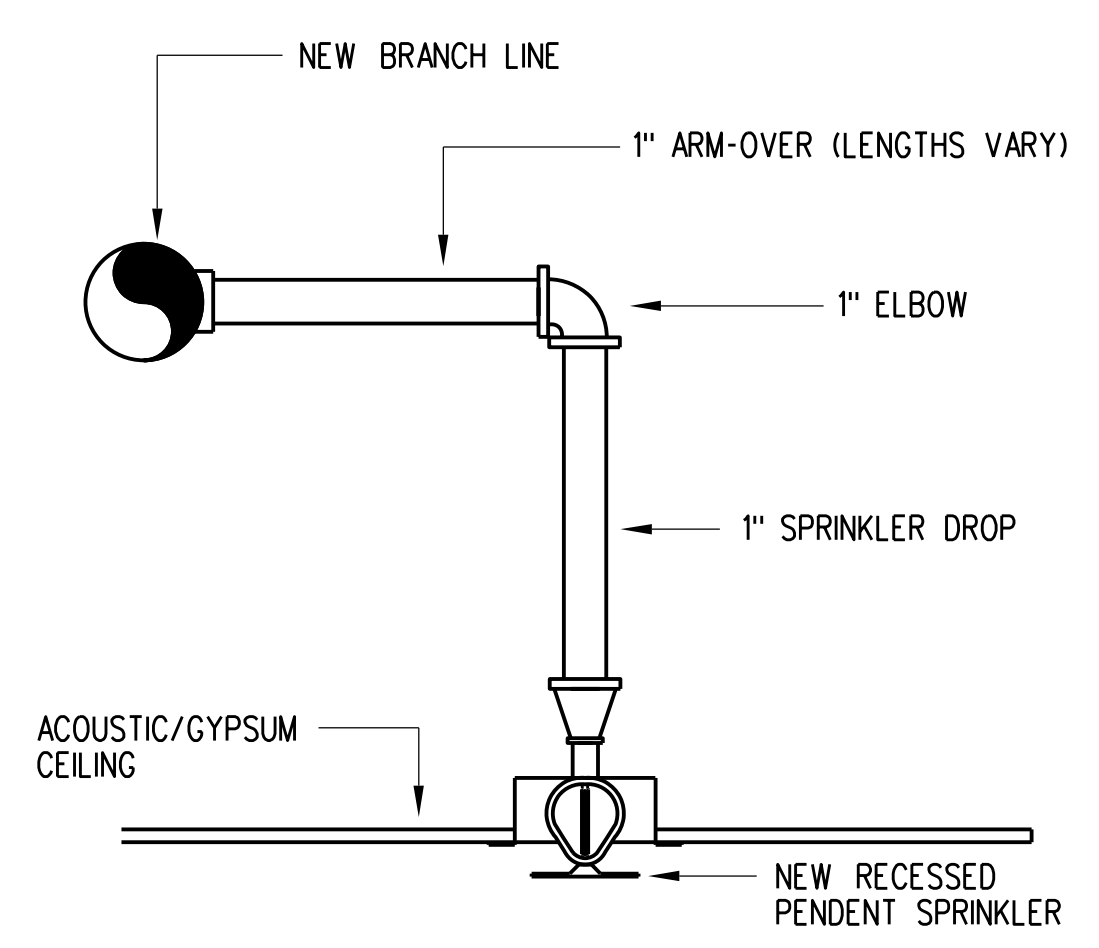
C3 TRAPEZE HANGER DETAIL
F-1 NOT TO SCALE

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

C4 NOT USED
F-1 NOT TO SCALE

B4 NOT USED
F-1 NOT TO SCALE

A4 NOT USED
F-1 NOT TO SCALE

SHEET NOTES:

- RELOCATE EXISTING PENDENT SPRINKLER AS SHOWN. REPLACE HEAD OR ESCUTCHEON THAT HAVE CORRODED. MATCH EACH REPLACEABLE COMPONENT TO EXISTING CONDITIONS.

- ALL NEW BRANCH LINES ARE TO BE THE SAME SIZE AND TYPE AS EXISTING BRANCH LINES.
- 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.
- 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.
- FIRE SPRINKLER CONTRACTOR SHALL PROVIDE FIRE PROTECTION SYSTEM ENGINEERING DOCUMENTS WHEN REQUIRED AND PURSUANT WITH THE REQUIREMENTS LAYED OUT IN THE 61G15-30.

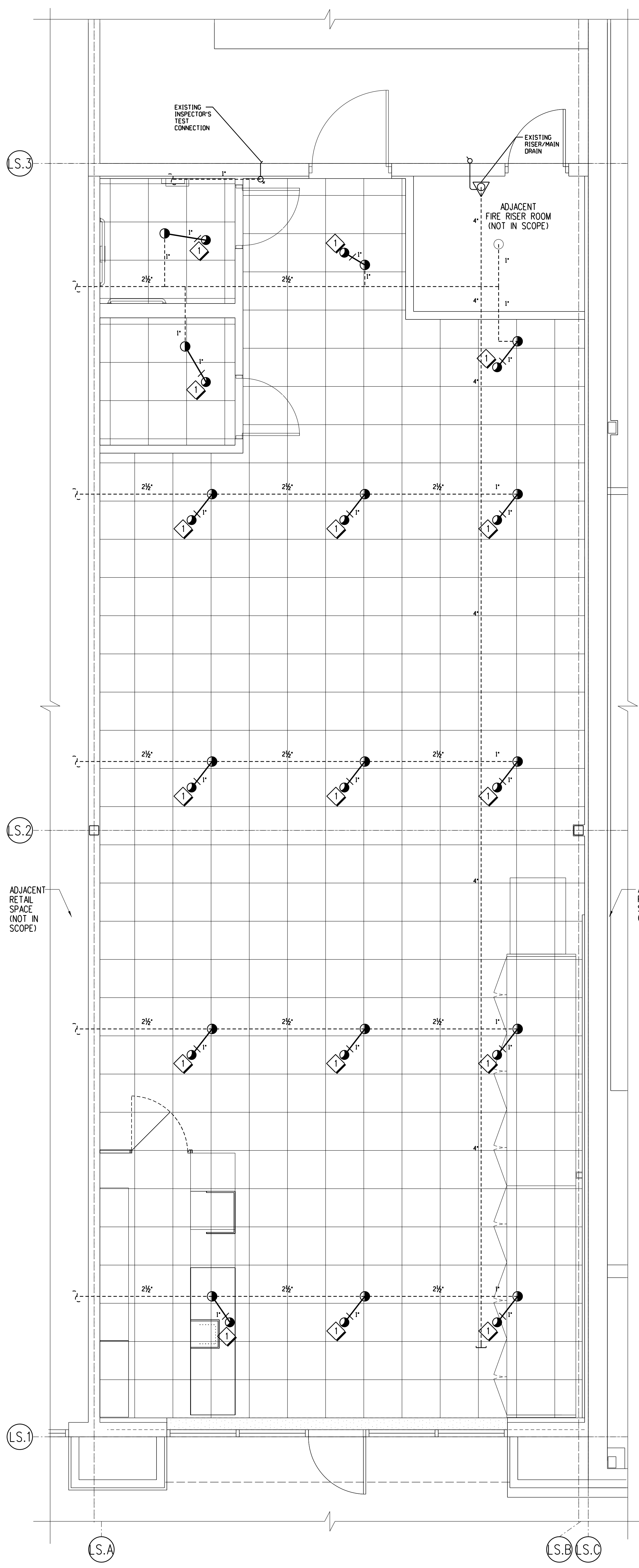
FIRE SPRINKLER LEGEND

- EXISTING UPRIGHT SPRINKLER TO REMAIN
- EXISTING PENDENT SPRINKLER TO BE RELOCATED
- RELOCATED EXISTING PENDENT SPRINKLER
- EXISTING SPRINKLER PIPE
- |- EXISTING END CAP
- NEW SPRINKLER PIPE
- NEW PIPE HANGER
- ⊕ EXISTING INSPECTOR'S TEST CONNECTION
- ⊕ EXISTING RISER AND MAIN DRAIN
- ◇ SHEET NOTE POINT

DESIGN SUMMARY

ALL NUMBERS ARE APPROXIMATE VALUES

HEADS REPLACED: 0
HEADS RELOCATED: 16
HEADS ADDED: 0
HEADS REMOVED: 0
NET CHANGE: 0
TO STORE



A1 FIRE PROTECTION PLAN
F-1
0 1 2 4 8
1/8" = 1'-0"