

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: 2,356 SQ FT.
SPACE GROSS LEASABLE FLOOR AREA:
NEW PUBLIX WINE AND SPIRITS: 2,477 SQ FT.

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

FIRE-RATING REQUIREMENTS:
EXISTING 1-HR UL U901(SM) TENANT SEPARATION WALL TO BE MAINTAINED AT PLAN EAST AND TENANT SEPARATION WALL AT PLAN WEST, REF SHEET A-7 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: FBC, FLORIDA FIRE PREVENTION CODE 7th EDITION NFPA 1, FIRE CODE, 2018 EDITION NFPA 101, LIFE SAFETY CODE, 2018 EDITION

GENERAL REQUIREMENTS:
MAXIMUM TRAVEL DISTANCE (FULLY SPRINKLERED): 250 FT FBC TABLE 1017.2 AND FFPC 36.2.6.2)
MAXIMUM COMMON PATH OF TRAVEL: 75 FT FBC TABLE 1006.2.1(100 FT PER FFPC 36.2.5.3)
MAXIMUM DEAD END CORRIDOR LENGTH: 50 FT FBC SECTION 1020.4 AND FFPC 36.2.5.2.1
EGRESS WIDTH PER PERSON SERVED (LEVEL): .2 INCHES FBC SECTION 1005.3.2 AND FFPC TABLE 7.3.3.1
MINIMUM CORRIDOR/aisle WIDTH: 44 INCHES FBC SECTION 1020.2 AND FFPC 36.2.5.5
MINIMUM CLEAR OPENING OF EXIT DOORS: 36 INCHES OCCUPANT LOAD SERVED LESS THAN 50 32 INCHES FBC SECTION 1010.1.1 AND FFPC 7.2.12.3

MEANS OF EGRESS CAPACITY CALCULATIONS

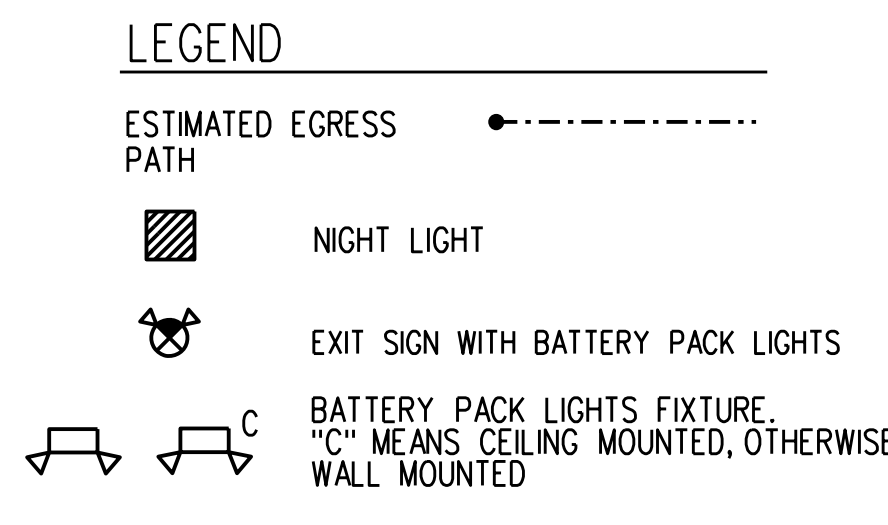
TOTAL OCCUPANT LOAD: (FBC 2020 - TABLE 1004.5/FFPC - TABLE 7.3.1.2 - MOST STRINGENT)
PUBLIX WINE AND SPIRITS:
SALES AREA: 71 OCCUPANTS
BUSINESS AREA: 2 OCCUPANTS
STORAGE AREA: 1 OCCUPANTS
TOTAL OCCUPANT LOAD: 74 OCCUPANTS

MINIMUM MEANS OF EGRESS CAPACITY: (FBC 2020 SECTION 1005.3.2)
REQUIRED:
(TOTAL OCCUPANT LOAD X EGRESS WIDTH PER PERSON SERVED)
74 OCCUPANTS X 0.2 IN/PERSON = 14.8 INCHES

TOTAL MEANS OF EGRESS CAPACITY PROVIDED:
ENTRANCE DOOR: #10A - 36 INCHES
EXIT DOOR: #10D - 48 INCHES
TOTAL: 84 INCHES

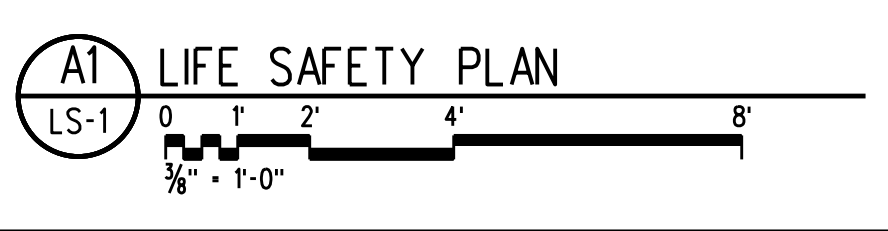
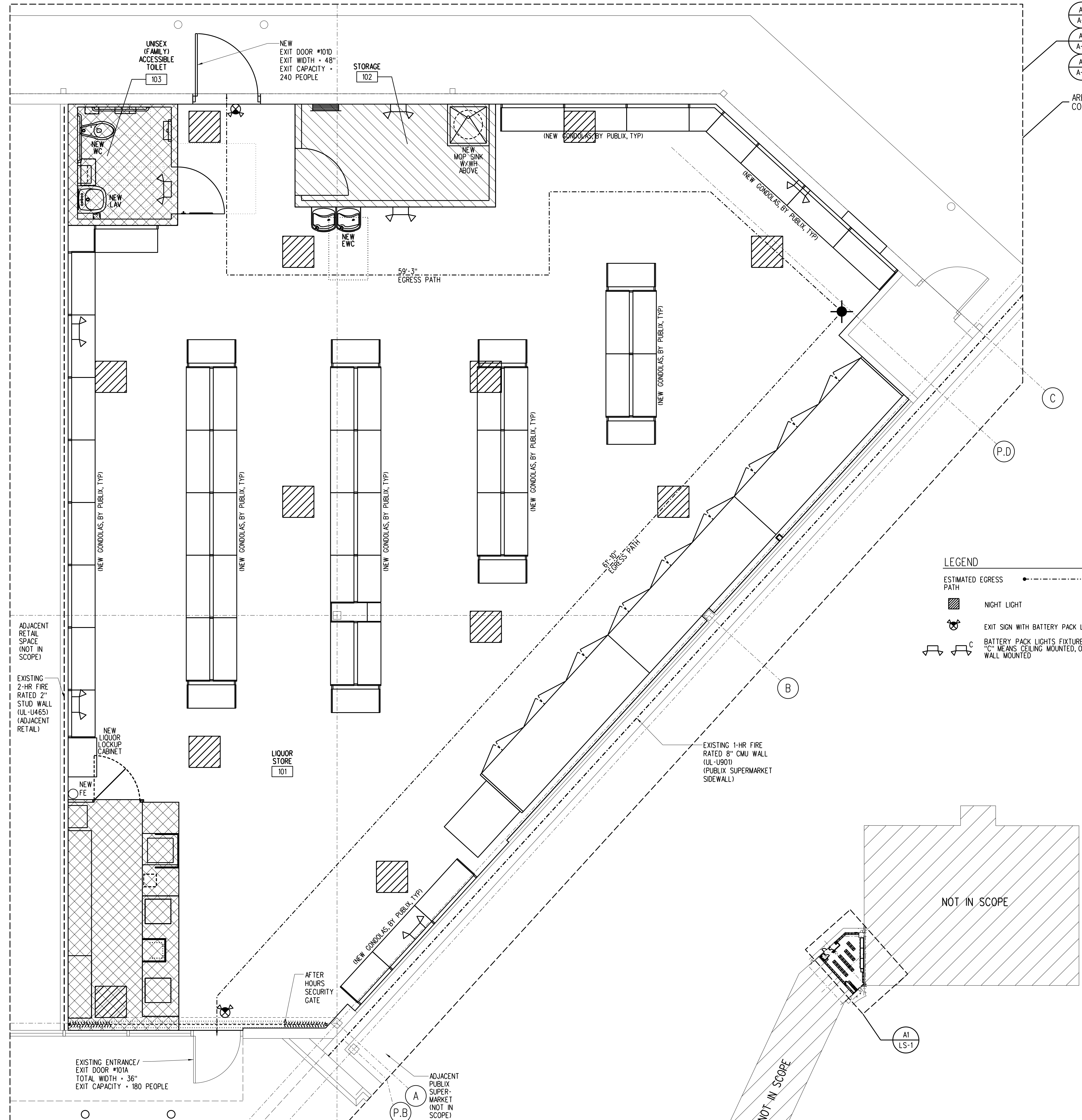
PUBLIC ENTRANCE REQUIREMENTS:
TOTAL NUMBER OF PUBLIC ENTRANCES PROVIDED: 1
MINIMUM NUMBER OF ACCESSIBLE PUBLIC ENTRANCES REQUIRED BY FBC: 1 (60% OF TOTAL)
TOTAL NUMBER OF ACCESSIBLE PUBLIC ENTRANCES PROVIDED: 1
EXIT REQUIREMENTS: (FBC 2020 - TABLE 1006.2.1)
MINIMUM NUMBER OF EXITS REQUIRED BY BUILDING 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			NOT SHADED
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)	214	30	71
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:	158	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)	84	300	1



KEY PLAN (NTS)

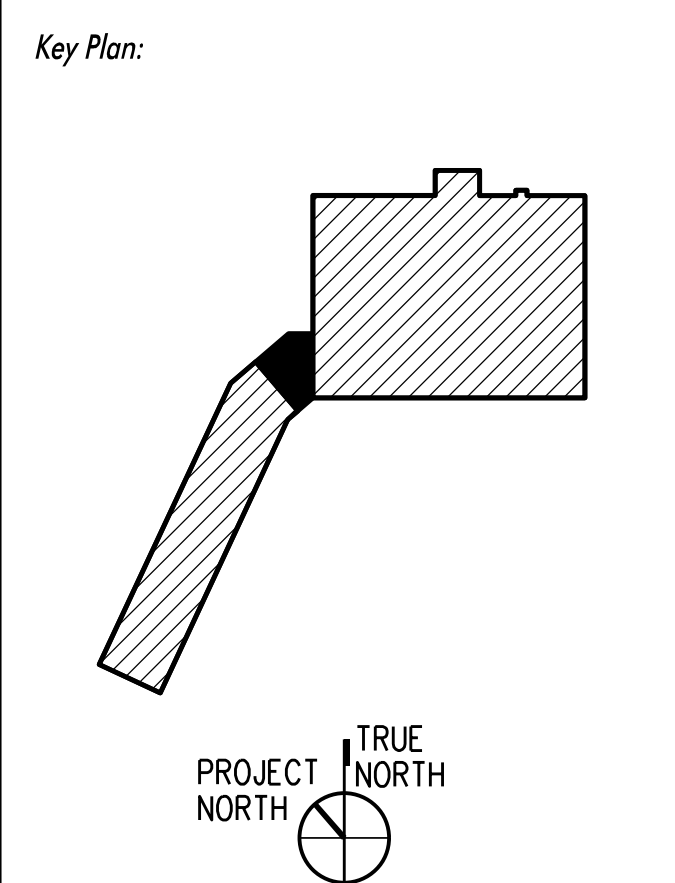
NOTE: SCOPE OF WORK LIMITED TO LIQUOR STORE. SUPER MARKET SHOWN FOR OWNERS INTERNAL DOCUMENTATION ONLY.



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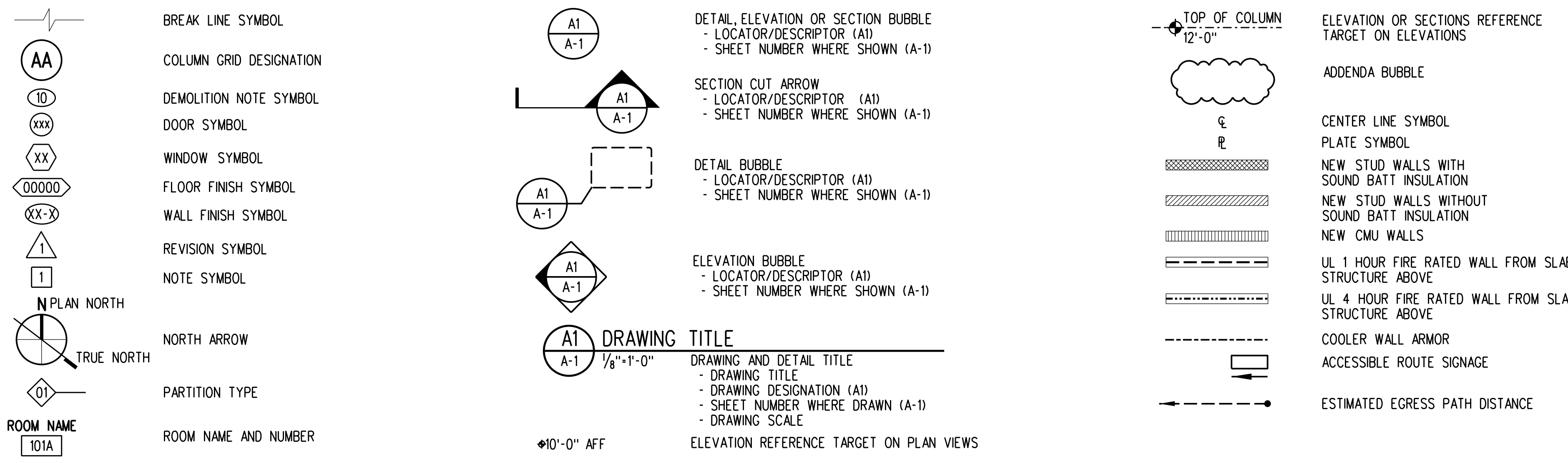


EVERGREEN ENVIRONMENT
Jacobs Project No.: F6-W752-00-192LS
Drawing Title:

CODE REVIEW AND LIFE SAFETY PLAN

Date: 02/15/23
Designed By: P. BEGANY
Drawn By: P. BEGANY
Checked By: M. MATOS

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, ETC, CETERA, EACH WAY, ELECTRIC WATER COOLER, EX, EXIST, EXT, 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, GALV, 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, JANITOR JOINT, POUNDS PER SQUARE FOOT, POUNDS PER SQUARE INCH, 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.

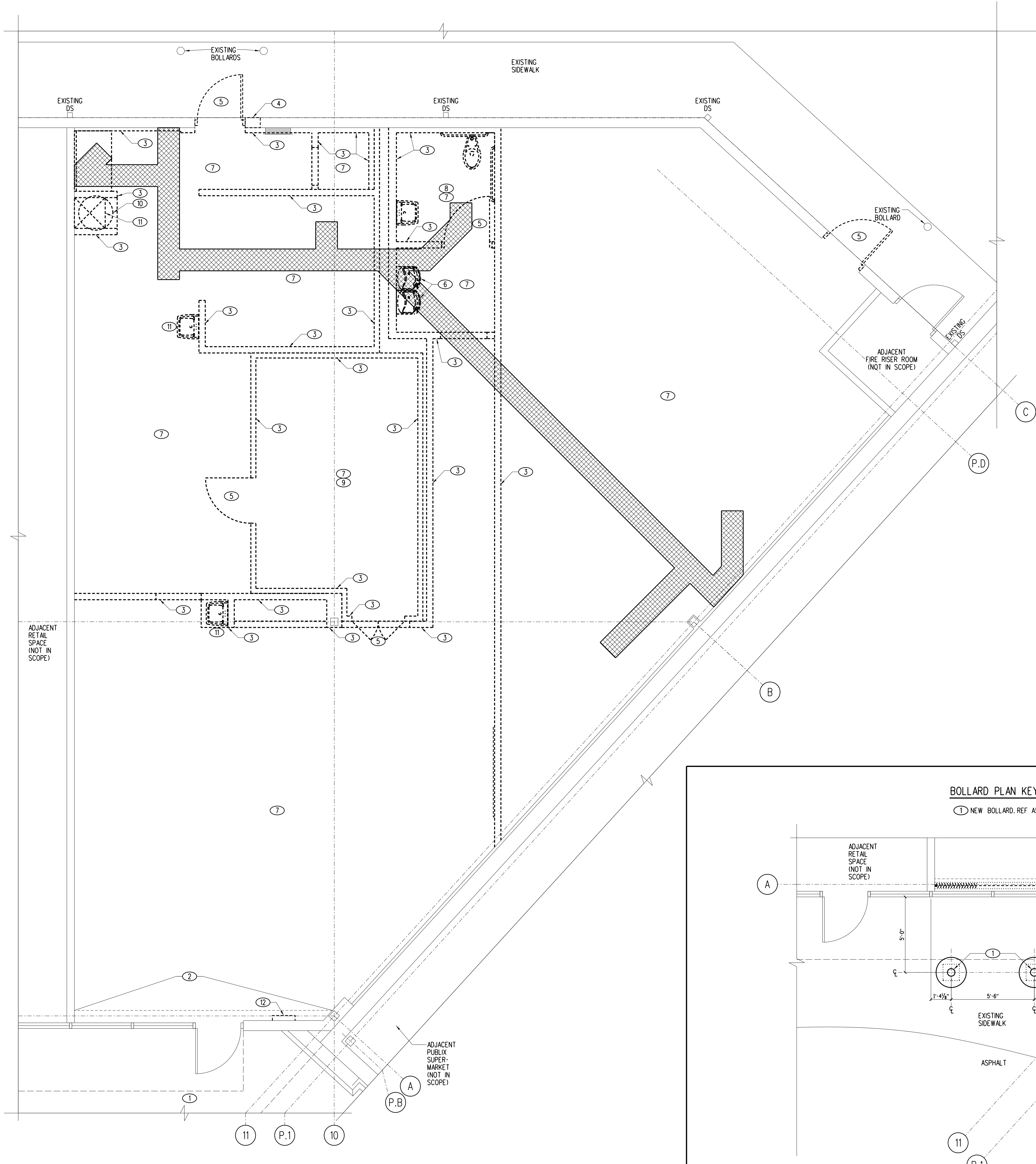
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LAKE CITY, FLORIDA 32657-7700

Key Plan:

EVERGREEN ENVIRONMENT
Jacobs Project No.: F6-W752-00-192LS
Drawing Title:

GENERAL NOTES
AND ABBREVIATIONS

Date: 02/15/23
Designed By: P. BEGANY
Drawn By: P. BEGANY
Checked By: M. MATOS
Drawing No.: G-1



GENERAL NOTES:

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

DEMOLITION PLAN LEGEND:

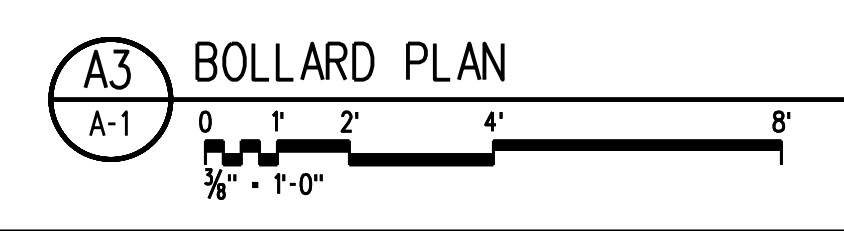
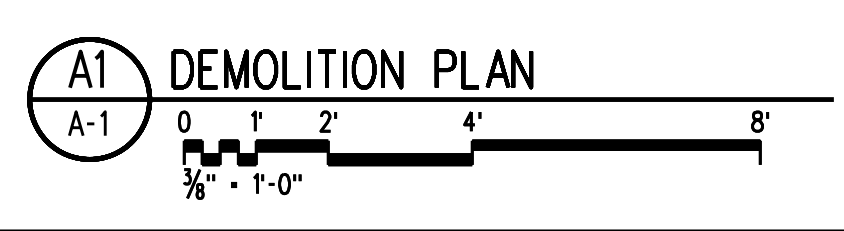
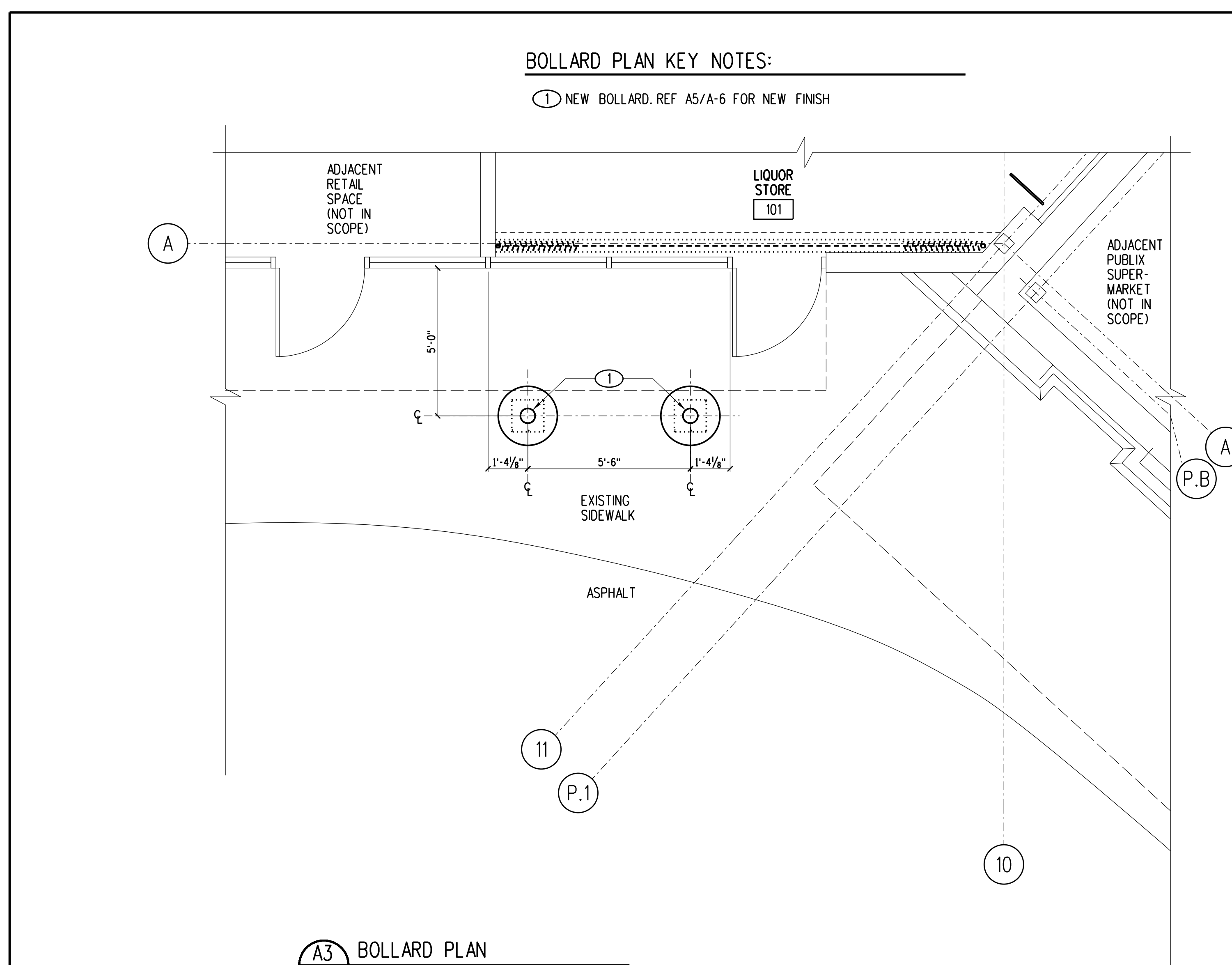
- ITEMS TO BE REMOVED
- INDICATES MINIMUM TRENCHING FOR NEW PLUMBING AND ELECTRICAL LINES. REF. P-3 FOR PLUMBING LINE LOCATIONS, AND E-4 FOR ELECTRICAL LOCATIONS. PATCH SLAB PER DETAIL D2/A-5. TYPICAL TRENCHING SHALL BE 18" WIDE. TRENCHING WIDTH MAY BE ADJUSTED TO SUIT FIELD CONDITIONS.
- EXISTING CONDITIONS TO REMAIN

DEMOLITION PLAN KEY NOTES:

- 1 REFER A3/A-1 FOR BOLLARD PLAN
- 2 INTERIOR FACE OF SOFFIT ABOVE STOREFRONT WILL NEED TO BE RECONSTRUCTED TO ACCOMMODATE NEW SECURITY GRILLE TRACK. REMOVE EXISTING GYP BD AS REQUIRED. REFER A3/A-7 FOR ADDITIONAL INFORMATION.
- 3 REMOVE EXISTING WALL
- 4 REMOVE (SAWCUT) EXISTING CMU WALL AS REQUIRED FOR INSTALLATION OF NEW DOOR. REFER TO DETAIL A1/A-7.
- 5 REMOVE DOOR AND FRAME
- 6 REMOVE EXISTING EWC
- 7 REMOVE EXISTING FLOORING AND SUBSTRATE, BASE, MILLWORK/EQUIPMENT, SIGNAGE, AND CEILING SYSTEM.
- 8 REMOVE EXISTING PLUMBING FIXTURES, TOILET ACCESSORIES, AND GRAB BARS.
- 9 REMOVE EXISTING COOLER UNIT INCLUDING WALLS, DOORS, CEILING, ELECTRICAL FIXTURES, PLUMBING FIXTURES, AND REFRIGERATION FIXTURES.
- 10 EXISTING WH TO BE RELOCATED. SEE A1/A-2 FOR NEW LOCATION.
- 11 REMOVE EXISTING SINK. GENERAL CONTRACTOR SHALL CUT, PATCH, AND REPAIR WALL/SLAB SURFACES AS NECESSARY TO RECEIVE/ACCOMMODATE NEW SCOPE OF WORK.
- 12 EXISTING F.E. CABINET TO BE REMOVED. G.C. SHALL PATCH AND REPAIR WALL SURFACE AS NECESSARY TO RECEIVE/ACCOMMODATE NEW SCOPE OF WORK.

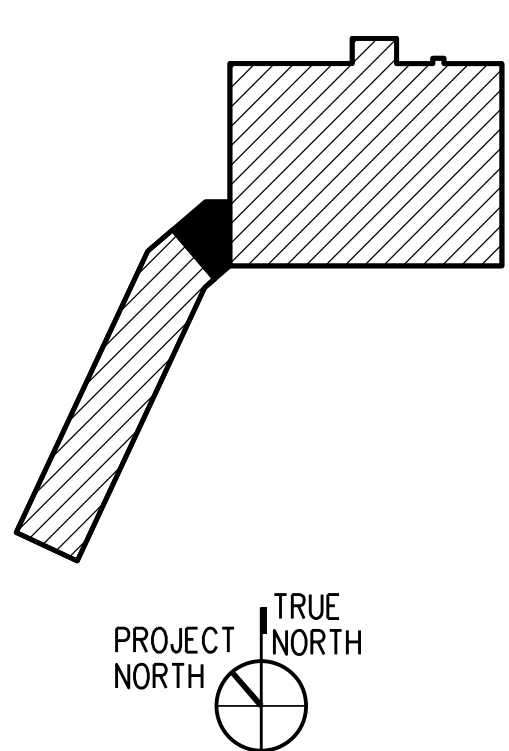
BOLLARD PLAN KEY NOTES:

- 1 NEW BOLLARD. REF A5/A-6 FOR NEW FINISH



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Key Plan:



EVERGREEN ENVIRONMENT
Jacobs Project No.: F6-W752-00-192L5
Drawing Title:

DEMOLITION PLAN
AND BOLLARD PLAN

Date: 02/15/23
Designed By: P. BEGANY
Drawn By: P. BEGANY
Checked By: M. MATOS
Drawing No.:
A-1

FLOOR AND WALL FINISH PLAN LEGEND:

FLOORS:

- (LVT) LUXURY VINYL TILE - SEE DETAIL A1/A-3 FOR LVT DESIGN LAYOUT.
- (VCT) VINYL COMPOSITION TILE - SEE DETAIL A1/A-3 FOR VCT DESIGN LAYOUT.
- (CF-E) EXISTING CONCRETE TO REMAIN, PROVIDE SEALER

WALLS:

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

PLASTIC LAMINATE:

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

FLOOR PLAN LEGEND:

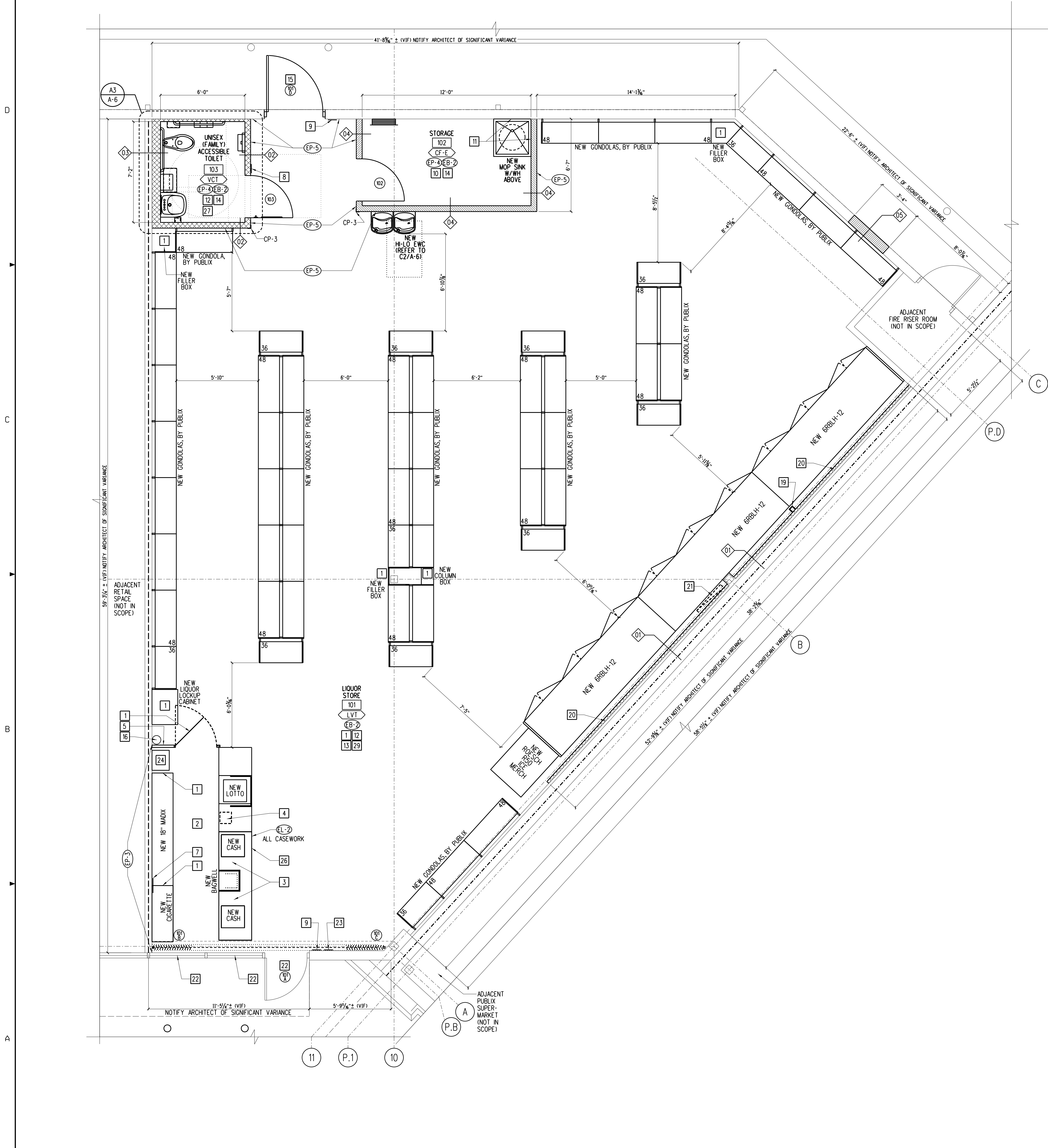
- EXISTING WALL.
- EXISTING 1-HOUR RATED WALL (UL #419). REF. A4/A-7 FOR MSC PENETRATIONS OF EXISTING TENANT SEPARATION WALL.
- EXISTING 1-HOUR RATED WALL (UL #90). REF. A5/A-7 FOR MSC PENETRATIONS OF EXISTING SEPARATION WALL.
- NEW STUD WALL WITHOUT SOUND BATT INSULATION.
- NEW STUD WALL WITH INSULATION. REF. TO C3/A-7 FOR INSULATION TYPE.
- PARTITION SYMBOL. REF. DETAIL C3/A-7.
- CP-3 SS CORNER PROTECTOR. REF. DETAIL D1/A-6.

GENERAL NOTES:

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

FLOOR PLAN KEY NOTES:

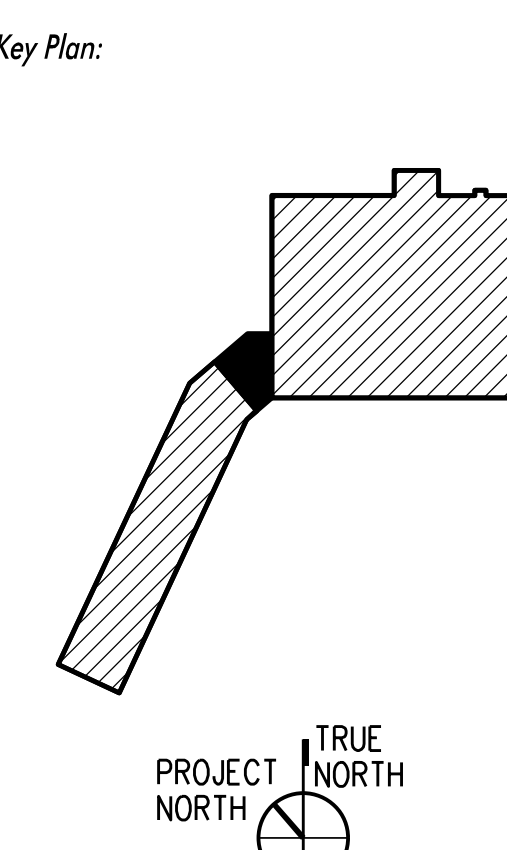
- NOTES NOT APPLICABLE IF NOT ASSIGNED A NUMBER
- 1 MILLWORK PROVIDED BY PUBLIX, REF A1/A-6.
 - 2 MAINTAIN 36" CLEAR PATH OF EGRESS.
 - 3 3'-0" H MAX X 3'-0" W MIN ACCESSIBLE COUNTER, FACBC-ACCESS, SECTION 904.1
 - 4 NEW MOOD MEDIA PROVIDED BY PUBLIX. CONSULT WITH PUBLIX ON SITE. REF FOR LOCATION. REFER TO SHEET E-3 FOR ADDITIONAL INFO.
 - 5 NEW PLASTIC LAMINATE FILLER PANEL. MATCH FINISH OF NEW MILLWORK. PROVIDE SOLID WOOD OR PLYWD BACKING AS REQUIRED IN FURRED WALL CAVITY AT FILLER PANEL LOCATION, 8" WIDENED ON PANEL. (MILLWORK PROVIDED BY PUBLIX, REF A1/A-6).
 - 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-6.
 - 8 PUBLIX TO PROVIDE ACCESSIBLE FAMILY RESTROOM SIGN, REF SIGN "E", D3/A-6.
 - 9 PUBLIX TO PROVIDE EXIT SIGN, REF SIGN "L", D3/A-6.
 - 10 INSTALL FRP 1/2" PLYWD OVER NEW/EXISTING WALL SUBSTRATE. REF DETAIL B5/A-6.
 - 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-3 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 2A10B-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-3.
 - 20 PROVIDE 3/4" EXTRUDED POLYSTYRENE (STYROFOAM) INSULATION AND NEW 3/4" GYP BD TO EXTENT INDICATED. PATCH/REPAIR/REFINISH 5/8" GYP BD TO RECEIVE NEW FINISH AS REQUIRED. USE TYPE X 5/8" 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 10D.0.4, 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 12) COMMUNICATION CABLE WILL BE ROUTED FROM THE STORAGE THROUGH THE FRONT OF PUBLIX LIQUOR STORE WALL, ABOVE THE CEILING, REF DETAIL A4/A-7. RUN THROUGH THE WALL INTO THE CANOPY THEN ALONG THE FACADE TOWARDS PUBLIX SUPERMARKET. NEW COMMUNICATION CABLE WILL ENTER PUBLIX SUPERMARKET AT SIDE WALL ABOVE CEILING LINE, REF DETAIL A5/A-7 FOR WALL PENETRATION DETAIL AND ELECTRICAL FOR ADD'L INFORMATION. COORDINATE EXACT LOCATION WITH PUBLIX CONSTRUCTION REP ON-SITE.
 - 30 NOT USED



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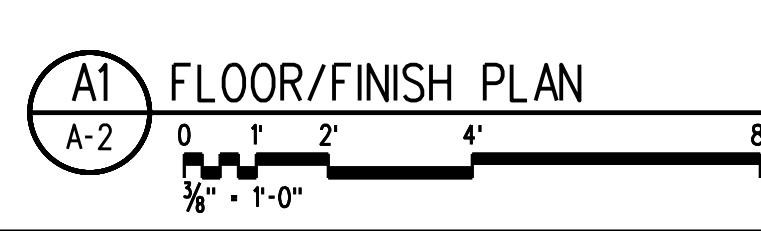
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EVERGREEN ENVIRONMENT
 Jacobs Project No.: F6-W752-00-192L5
 Drawing Title:

FLOOR/FINISH PLAN

Date: 02/15/23
 Designed By: P. BEGANY
 Drawn By: P. BEGANY
 Checked By: M. MATOS

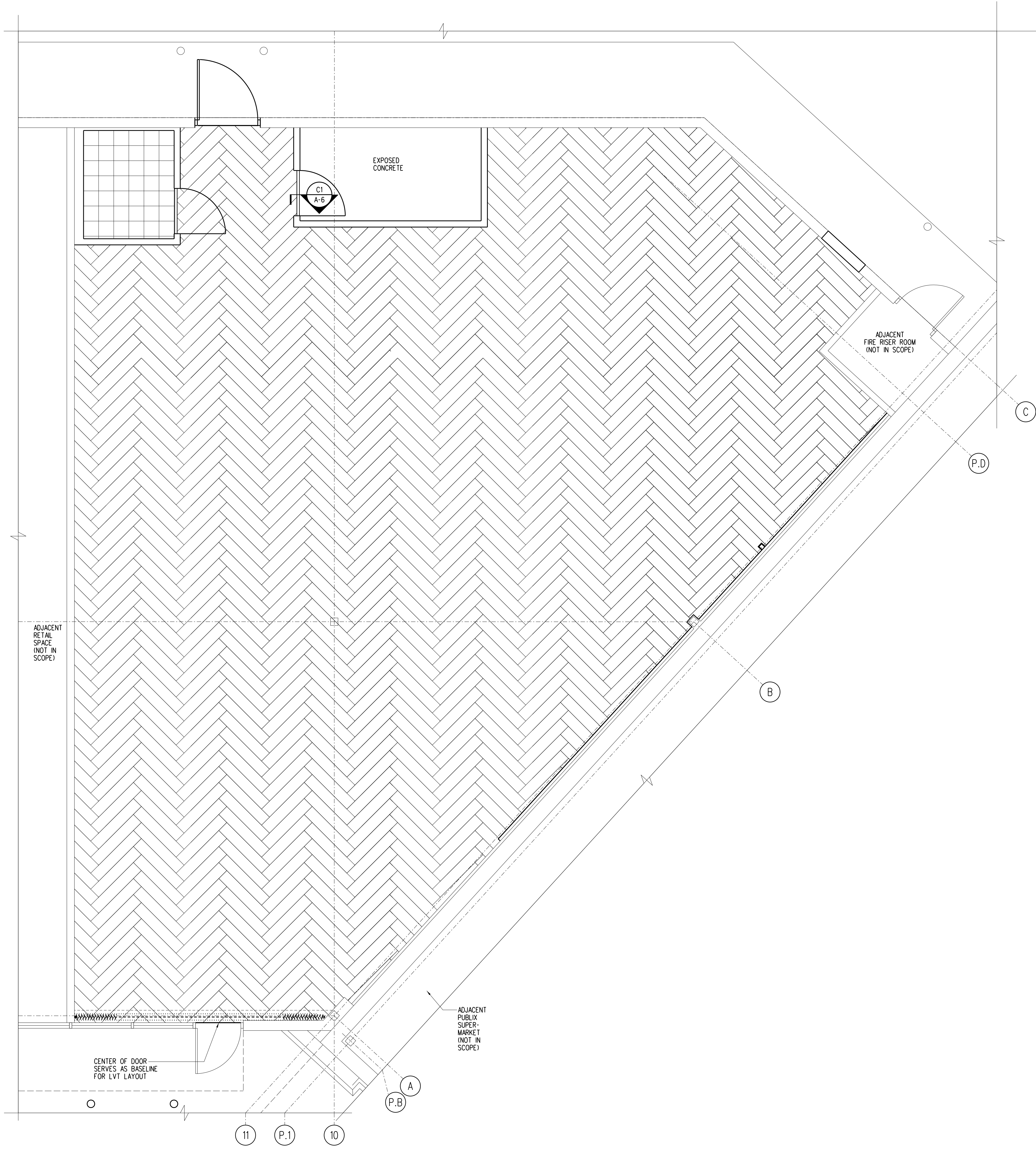


D

C

B

A



LVT LEGEND:

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

VCT LEGEND:

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

LVT NOTES:

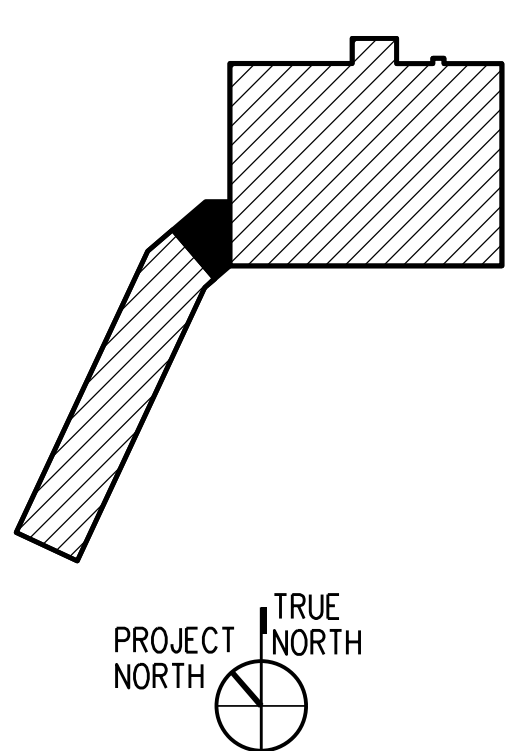
1. FLOOR TILES TO BE INSTALLED IN A HERRINGBONE PATTERN. LAYOUT SHOWN IS A REPRESENTATION OF VERTICAL PATTERN. INSTALLATION LAYOUT HAVE TO BE EXACT OR SIMILAR.
2. DO NOT WAX AND SEAL LVT FLOOR DURING OR AFTER CONSTRUCTION.

VCT NOTES:

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



Key Plan:



GENERAL NOTES:




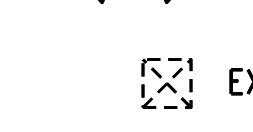
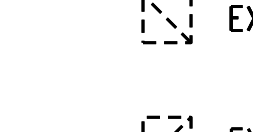

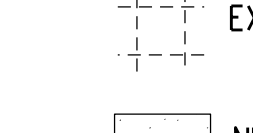

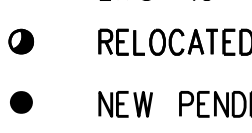

- A. ALL NEW CEILINGS TO BE CLASS A.
- B. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- C. GC TO PROVIDE AND INSTALL TWO #10 SAFETY WIRES PER ALL NEW AND IMPROPERLY SUPPORTED EXISTING METAL HALIDE AND/OR FLUORESCENT FIXTURES. ATTACH TO JOIST AT PROPER LOCATION AS COORDINATED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

REFLECTED CEILING PLAN KEY NOTES:

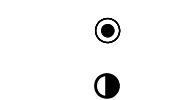
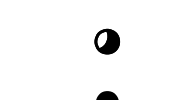


- 1] NEW SUSPENDED CEILING SYSTEM.
- 2] NEW AIR RETURN DROP ABOVE REFRIGERATION CASE WRAPPED IN SHEET METAL PAINTED TO MATCH ADJACENT WALL.
- 3] NEW METAL CHASE. REFER TO REFRIGERATION DRAWINGS FOR MORE INFORMATION.

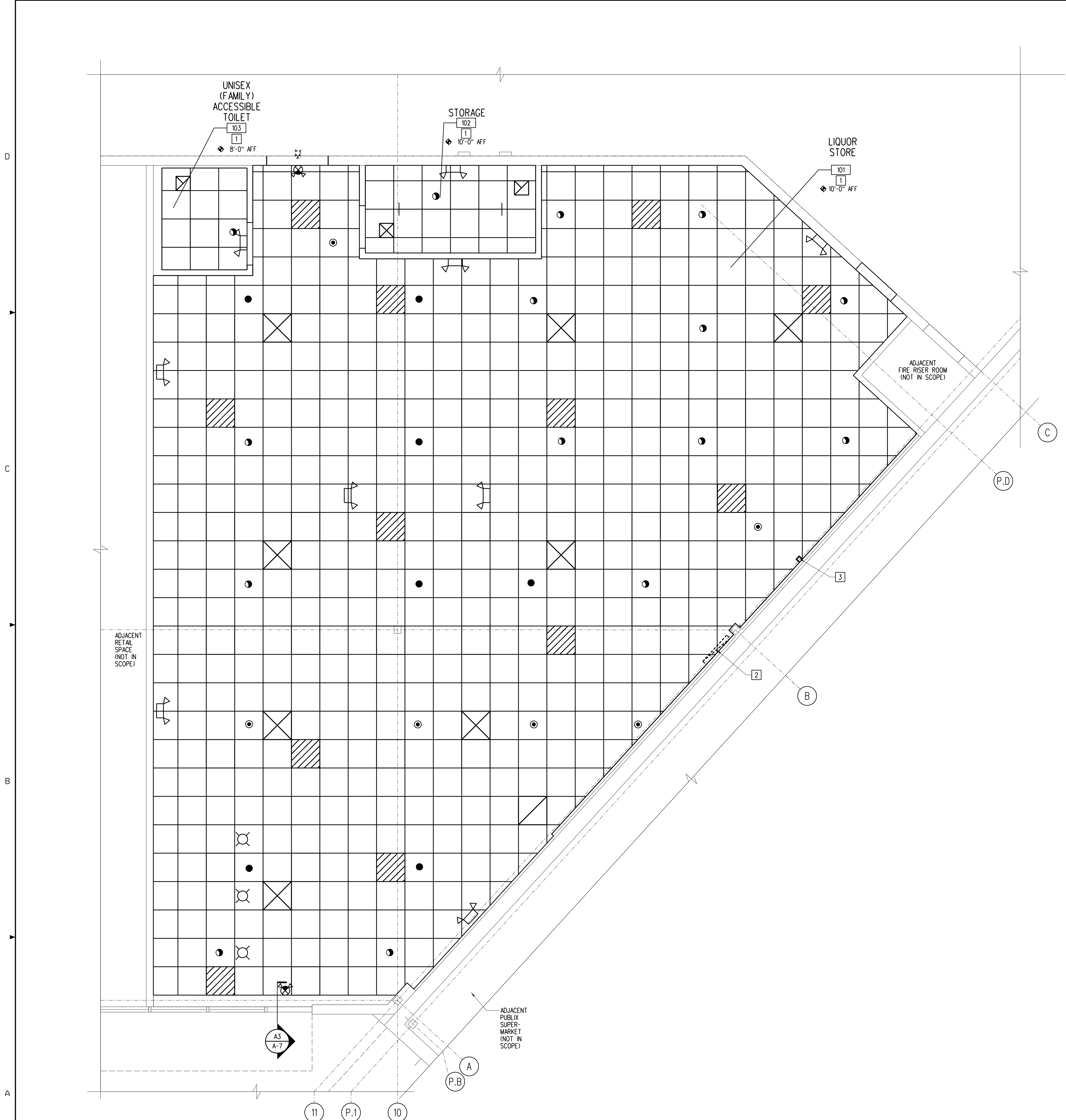
REFLECTED CEILING PLAN LEGEND:

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



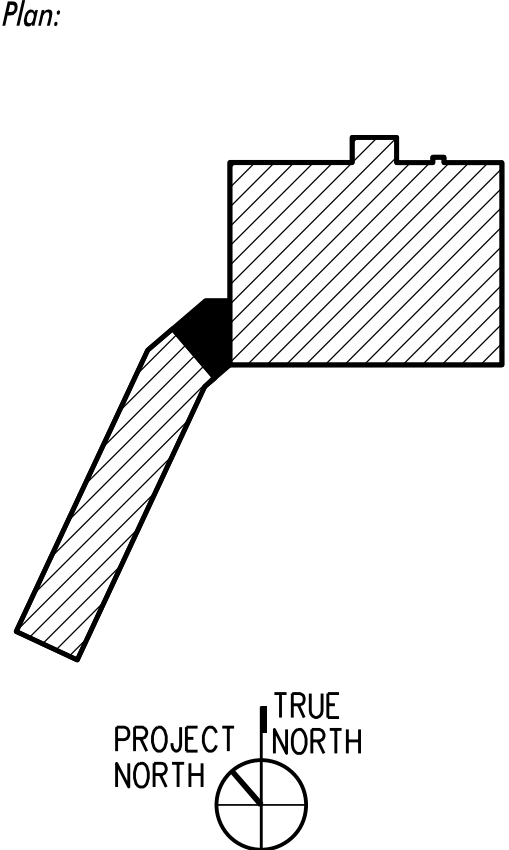
A1 REFLECTED CEILING PLAN



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EVERGREEN ENVIRONMENT
Jacobs Project No.: F6-W752-00-192LS
Drawing Title:

REFLECTED CEILING PLAN

Seal

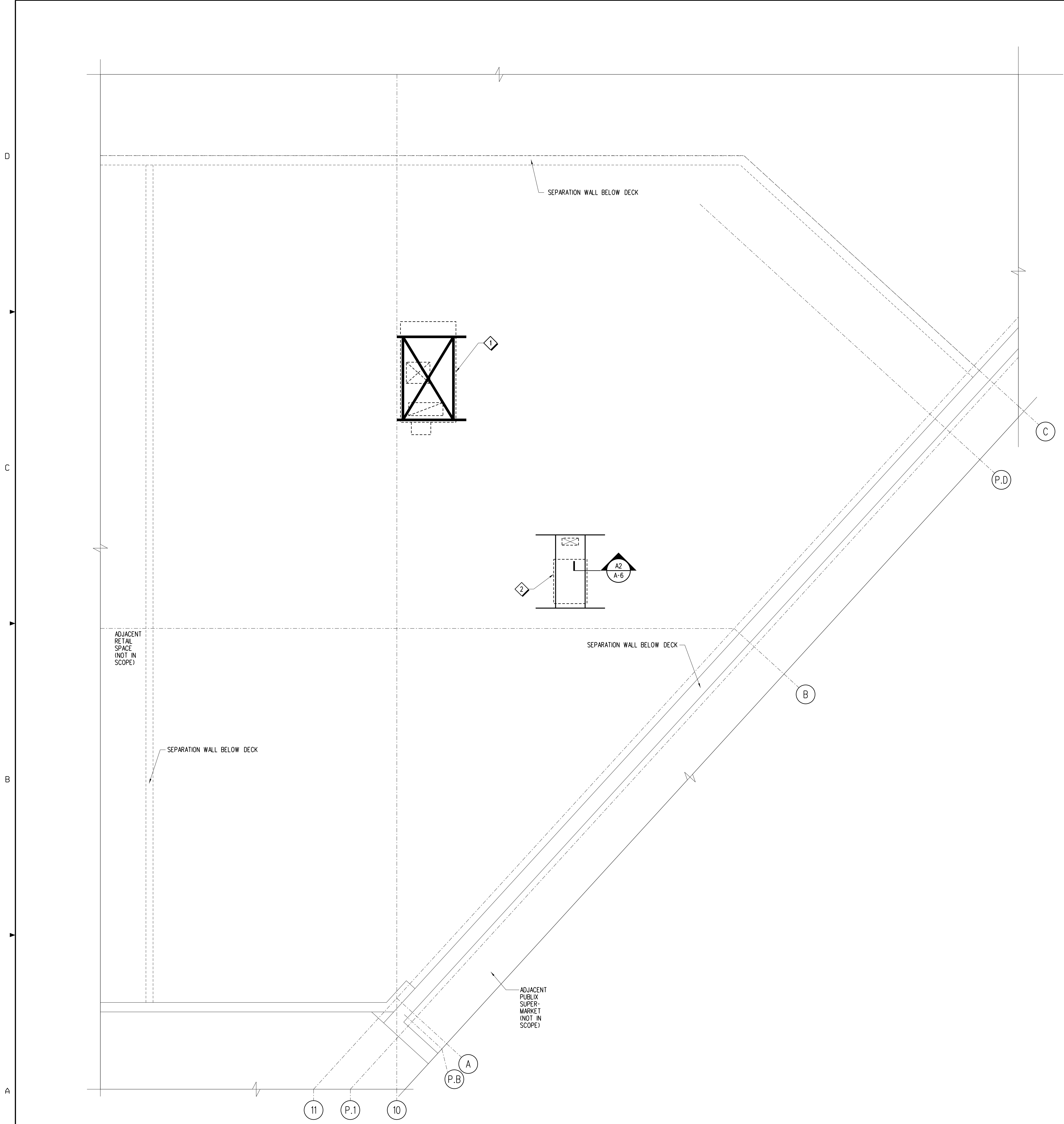
Revision:
Date: By: Description:

GENERAL NOTES:

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

KEY NOTES:

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



A1 PARTIAL ROOF PLAN



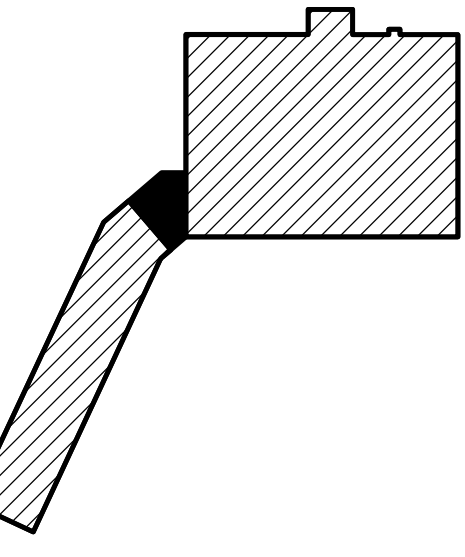
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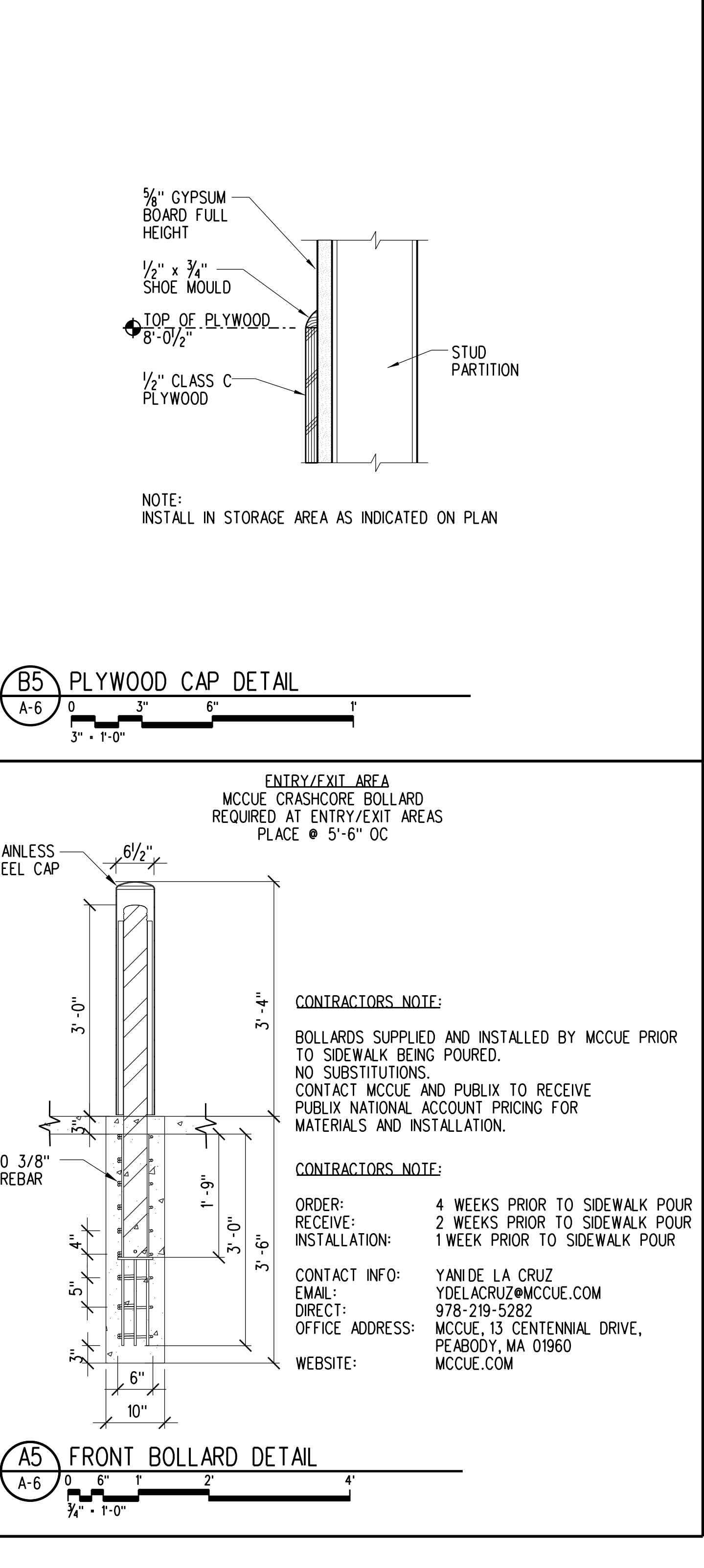
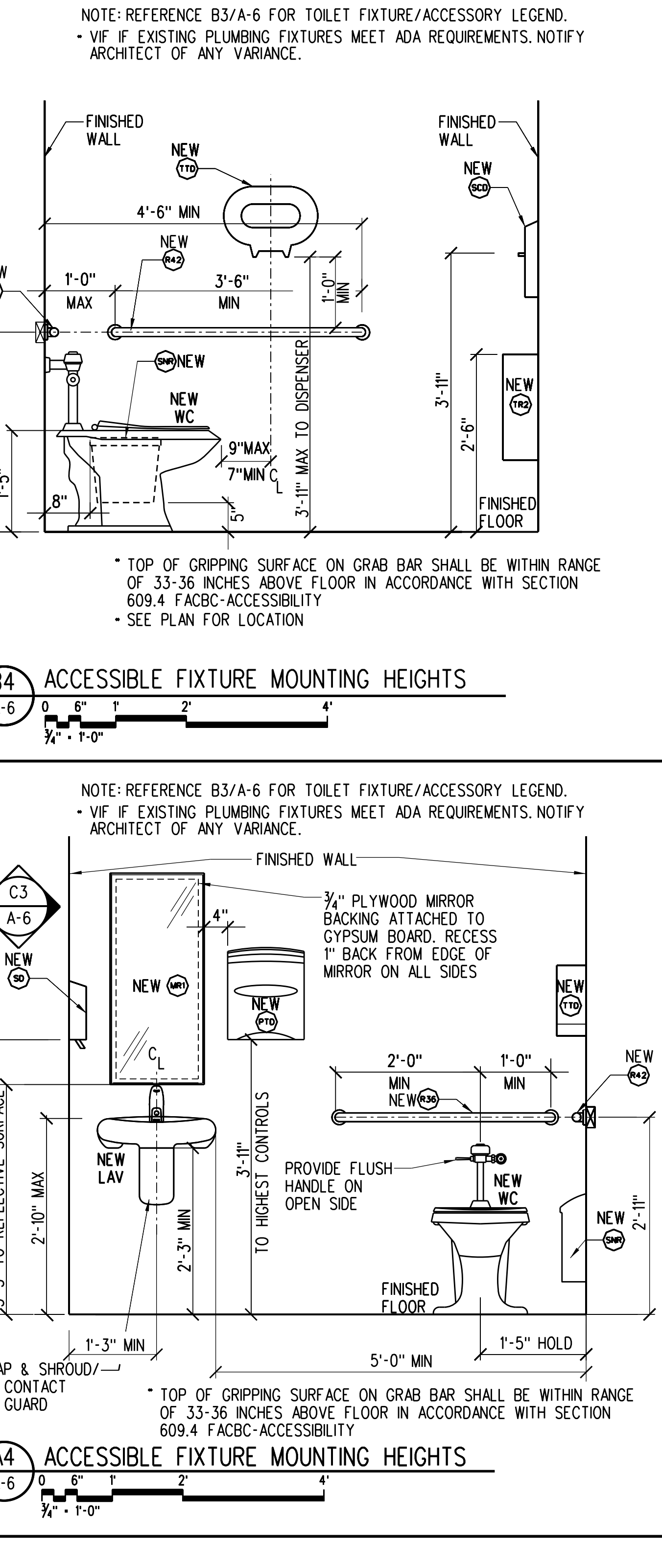
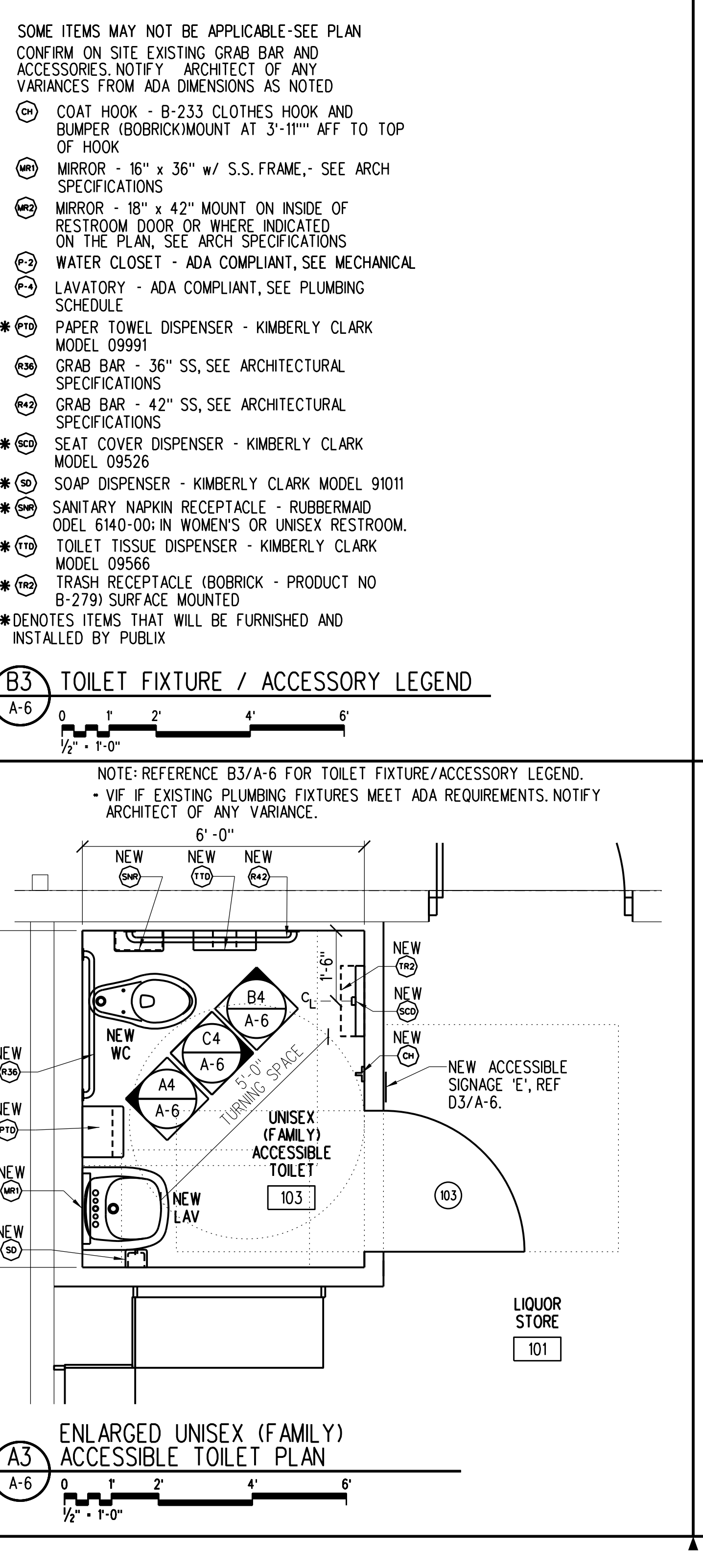
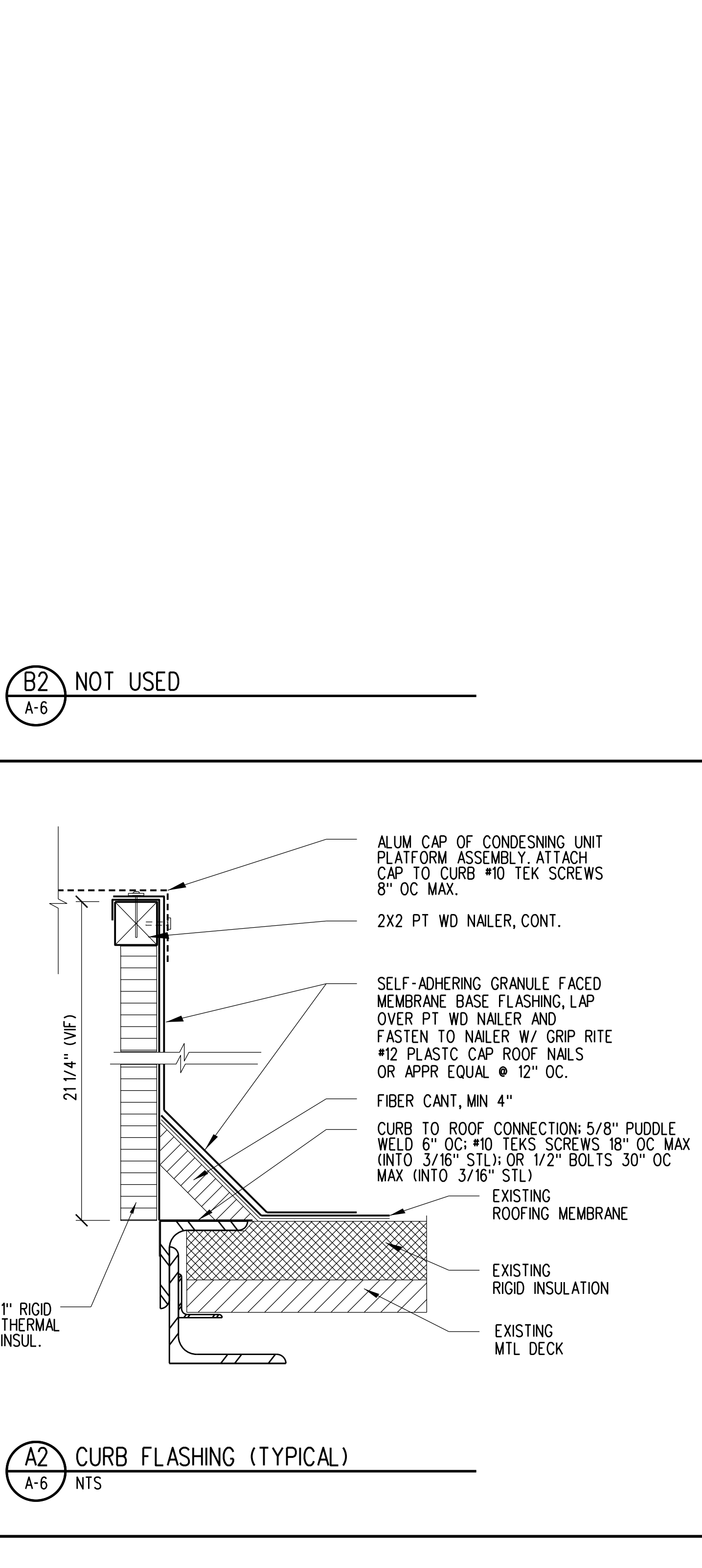
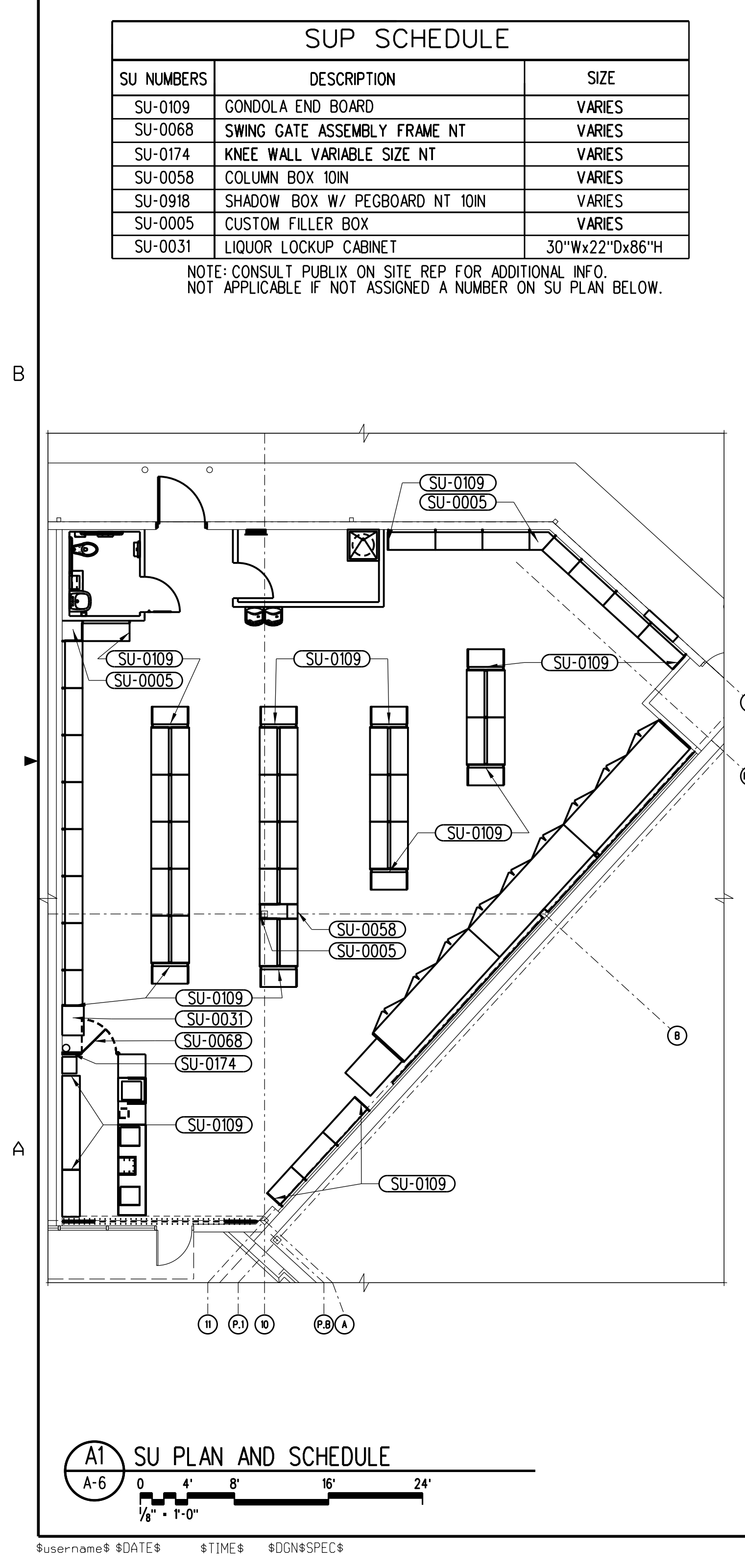
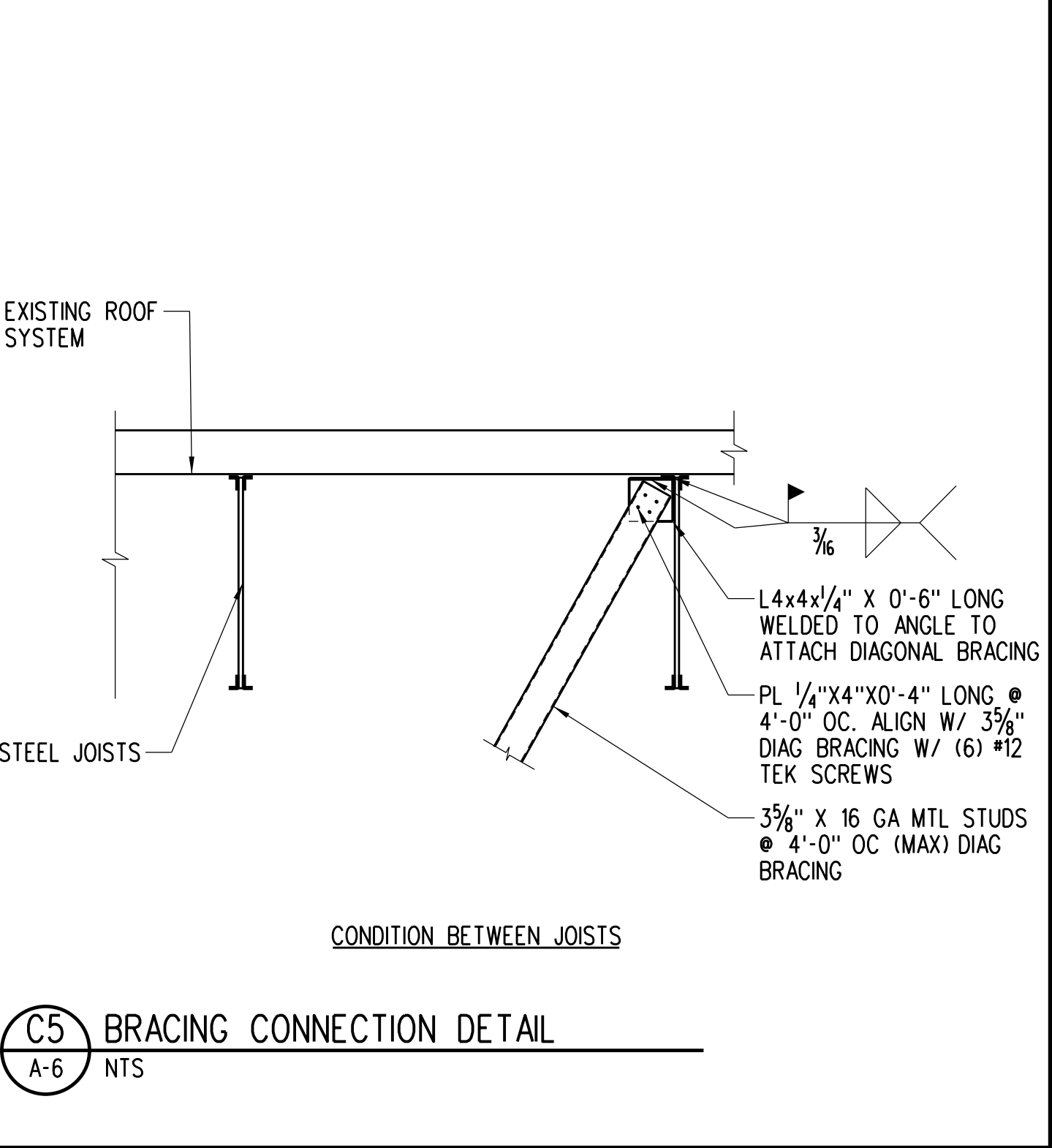
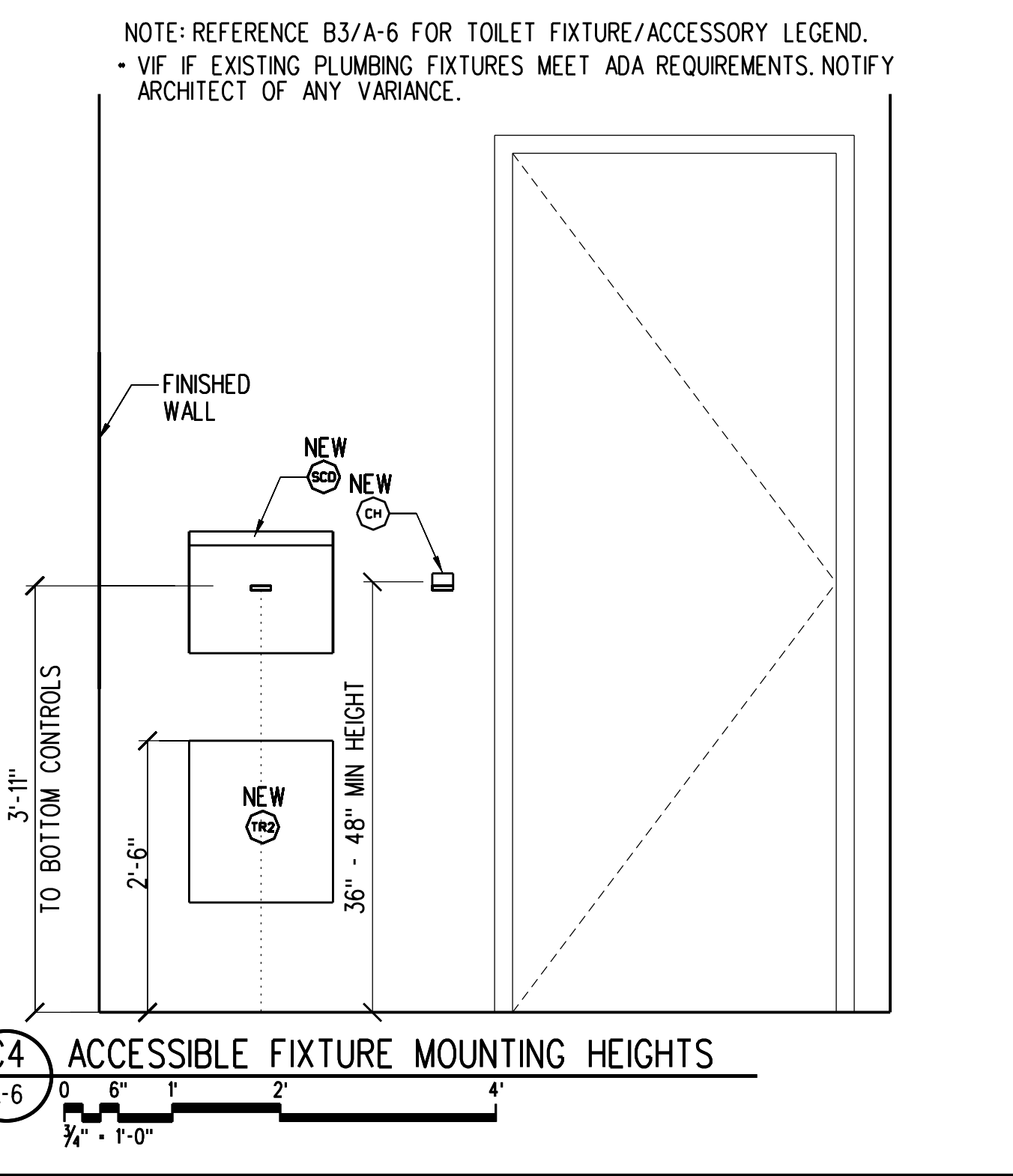
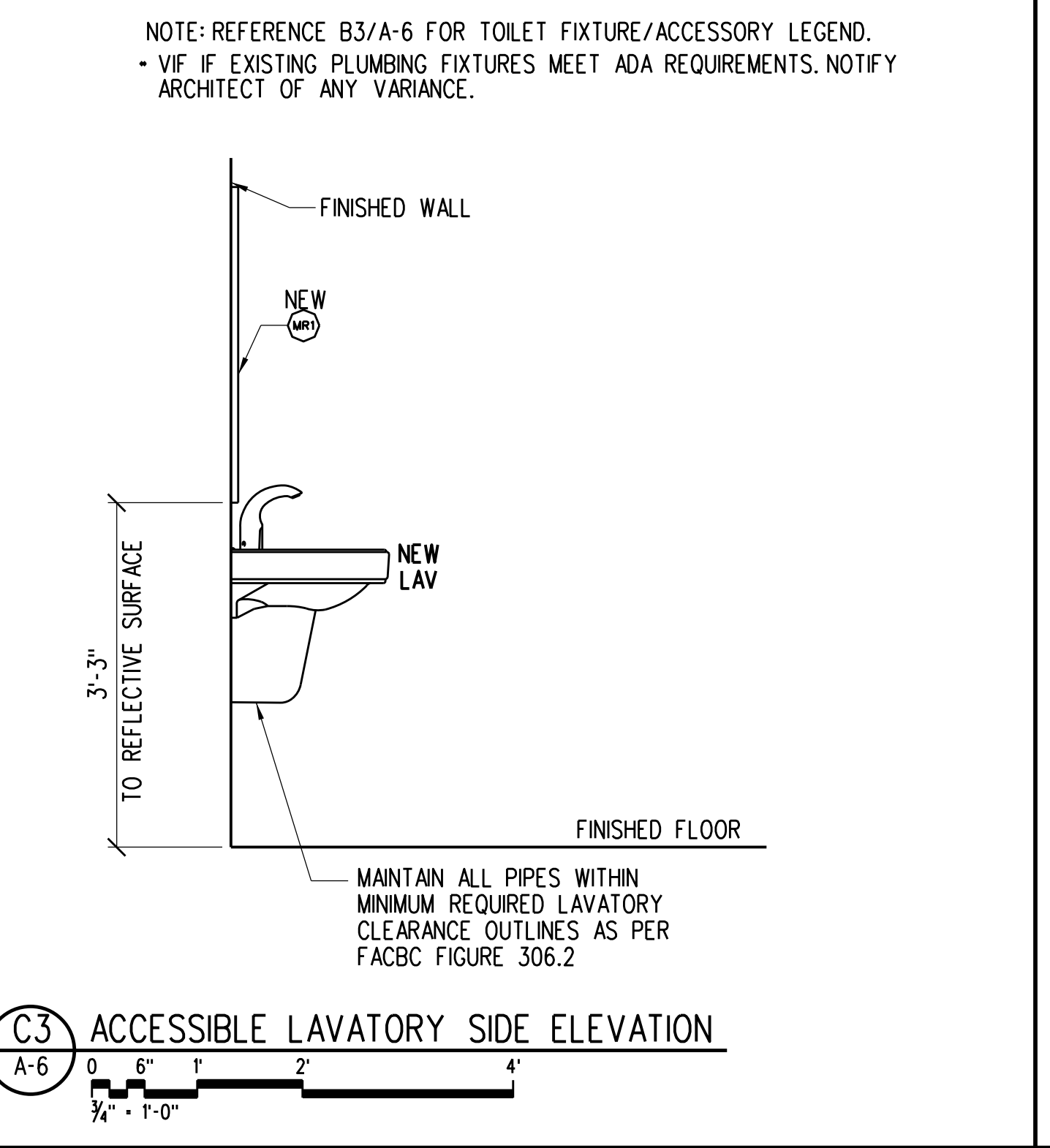
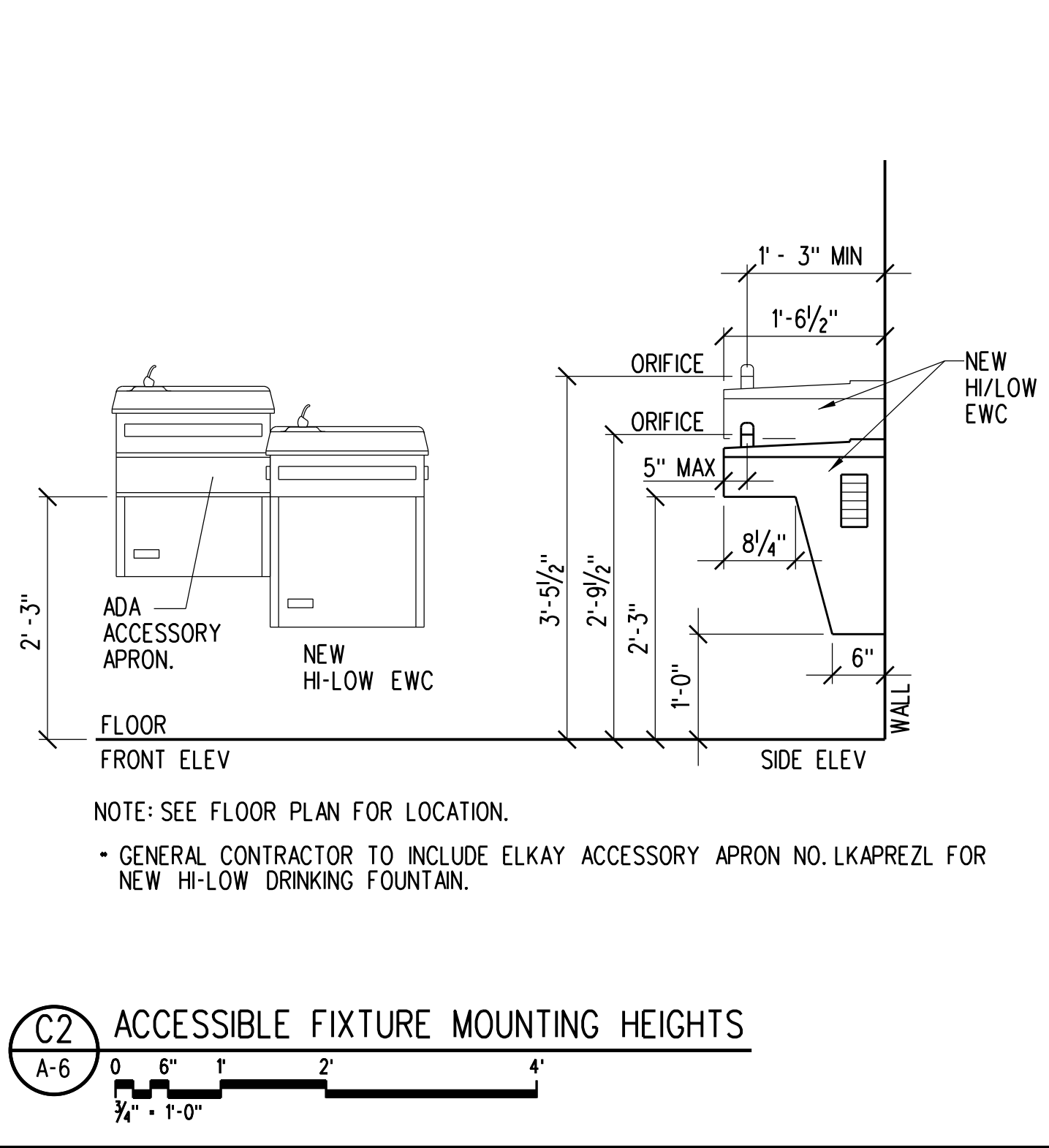
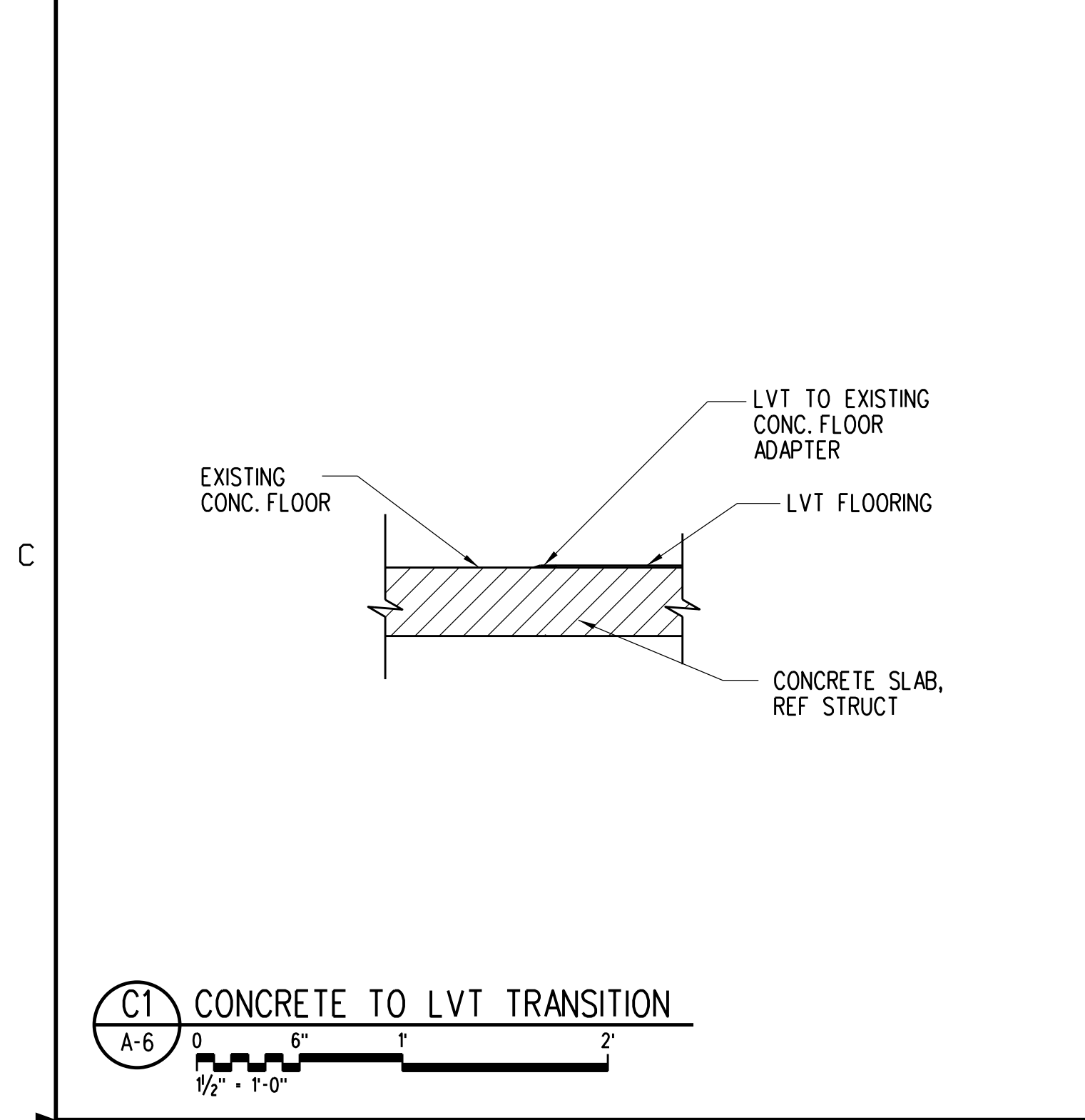
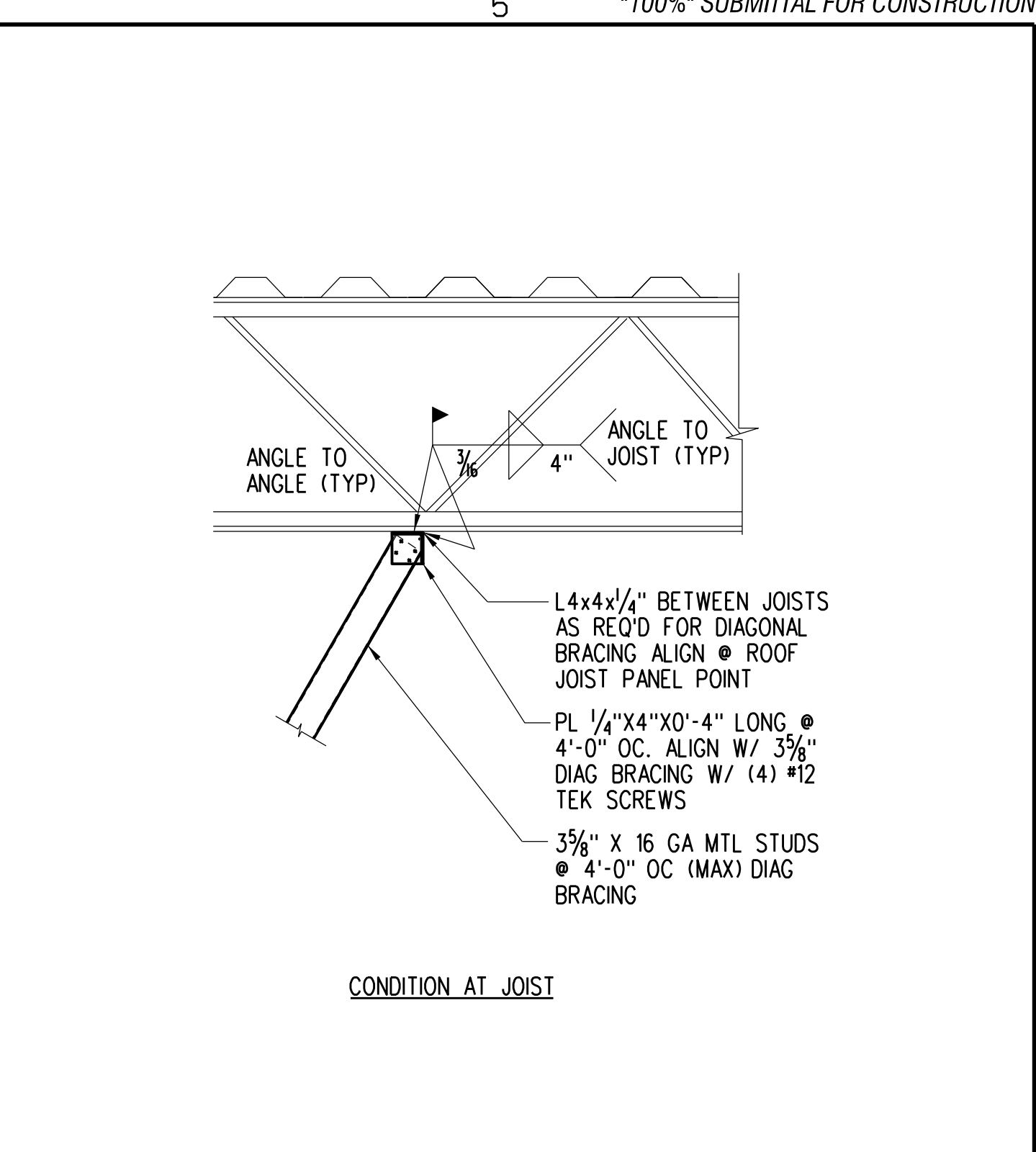
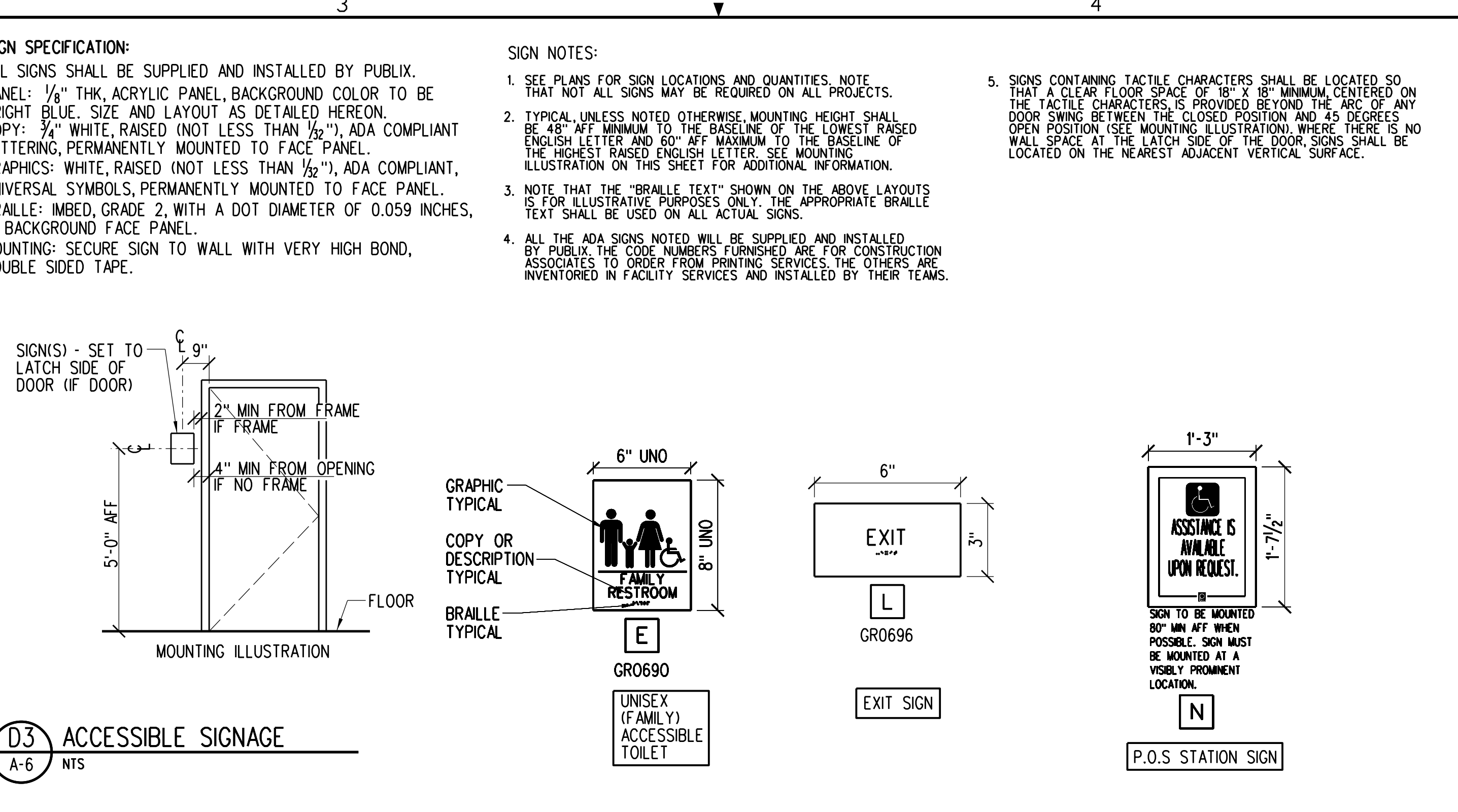
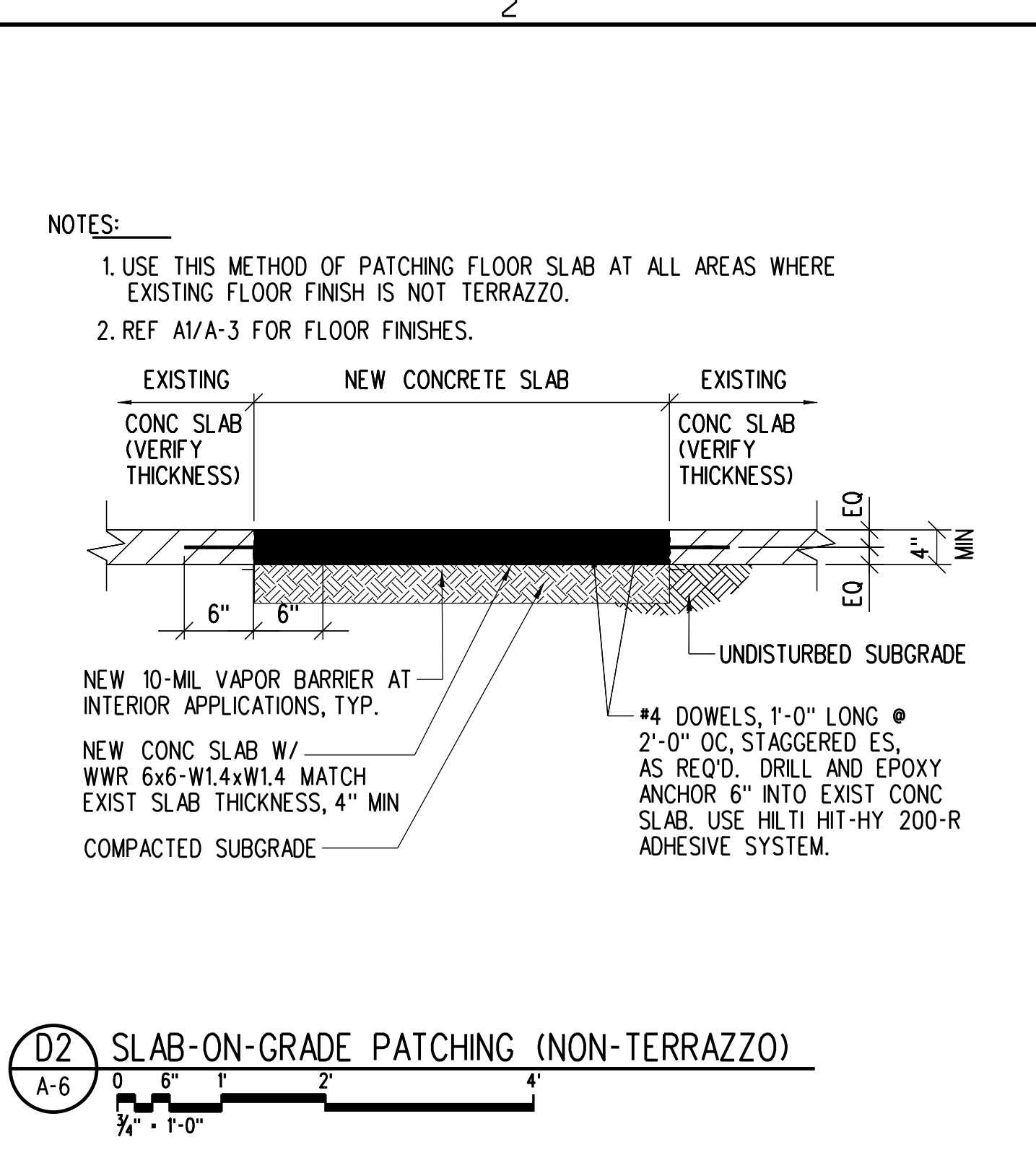
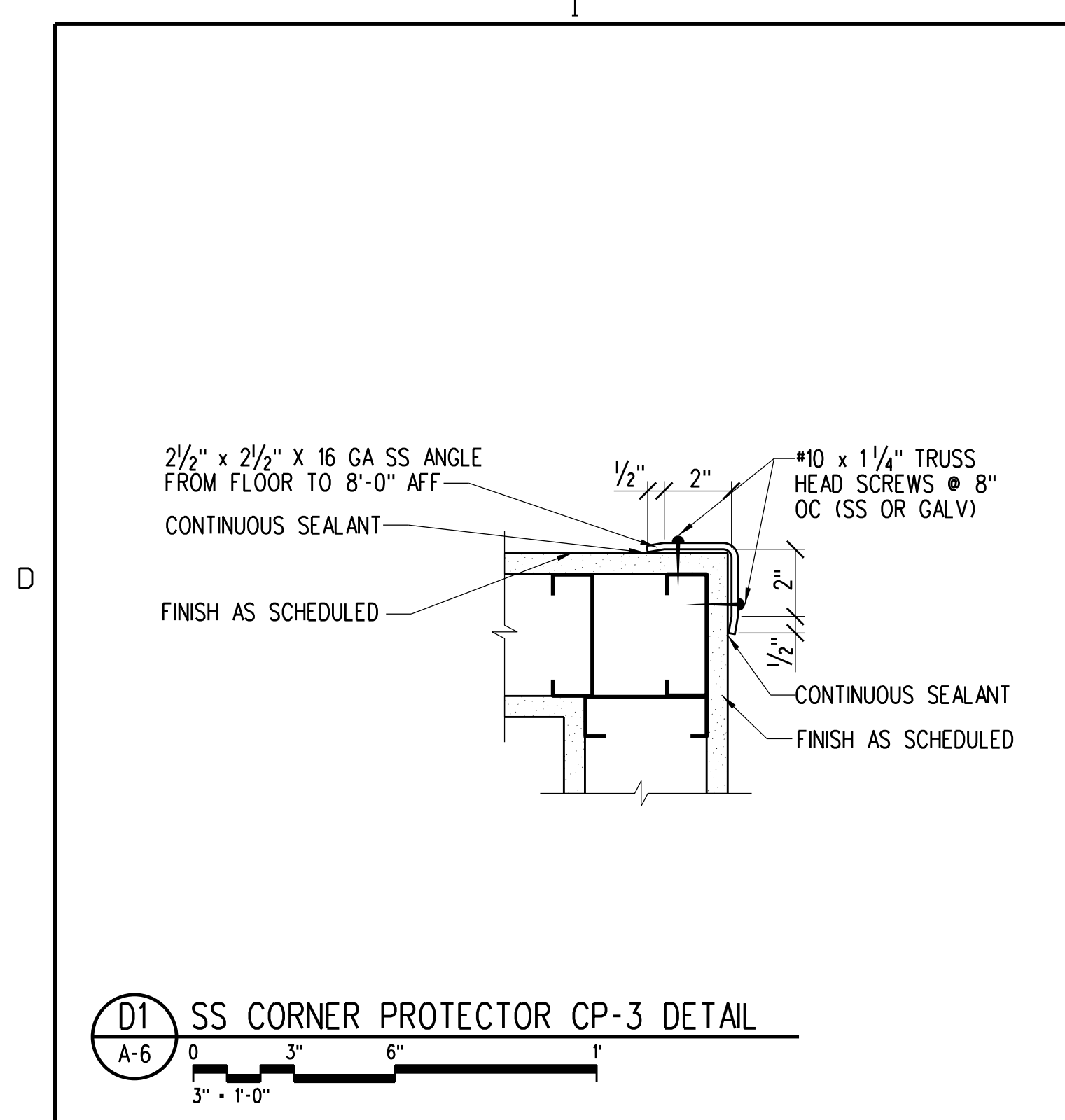
Key Plan:



EVERGREEN ENVIRONMENT
Jacobs Project No.: F6-W752-00-192L5
Drawing Title:

PARTIAL ROOF PLAN

Date: 02/15/23
Designed By: P. BEGANY
Drawn By: P. BEGANY
Checked By: M. MATOS



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Key Plan:
PROJECT TRUE NORTH
EVERGREEN ENVIRONMENT
Jacobs Project No.: F6-W752-00-192LS
Drawing Title:
SU AND TOILET PLAN, ELEVATIONS AND DETAILS
Date: 02/15/23
Designed By: P. BEGANY
Drawn By: P. BEGANY
Checked By: M. MATOS
A-6

DOOR SCHEDULE

DOOR NO	DOORS			FRAME				FIRE RATING LABEL	H/W SET NO	DOOR NO	NOTES	
	TYPE	MATL	NOMINAL SIZE	GLAZING	TYPE	MATL	JAMB					SILL
101A	ER	ALUM	3'-0" x 7'-0"	1 1/4"	TEMPERED	ER	ALUM	A3/A-7	----	N	101A	1, 12
101B	--	----	----	----	----	----	----	----	----	----	101B	10, 14, 15
101C	--	----	----	----	----	----	----	----	----	----	101C	10, 14, 15
101D	D1	HM	4'-0" x 8'-0"	1 1/4"	F1	PGHM	A1/A-7	----	----	LS	101D	1, 2, 3, 7, 8, 9, 13
102	D1	PLSC	3'-0" x 7'-0"	1 1/4"	----	F1	PGHM	C5/A-7	----	D	102	2, 3, 4, 5
103	D1	PLSC	3'-0" x 7'-0"	1 1/4"	----	F1	PGHM	C5/A-7	----	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.
- DOORS TO BE LAMINATED WITH WILSONART KENSINGTON MAPLE (10776-60), BOTH SIDES.
- PROVIDE 1" 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 SEVENTH EDITION (2020), NFPA 101, 7.2.1.6.1. PROVIDE READILY VISIBLE SIGNAGE ON DOOR IN 1" HIGH 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 ASTRAHAL ON EXTERIOR DOOR - MODEL PEMKO 357255; 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 101:7.2.2.2.7).
- THE SECURITY GRILLE IS EQUIPPED WITH AN EMERGENCY EGRESS DEVICE TO DISENGAGE MECHANISM AND ALLOWS GRILLE TO RELEASE FOR EXITING. GRILLES ARE PERMITTED AT THE MAIN EXIT AND SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT DURING PERIODS THAT THE SPACE IS OCCUPIED PER FBC-B 2020 SECTION 1010.14.5

DOOR SCHEDULE ABBREVIATIONS:

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

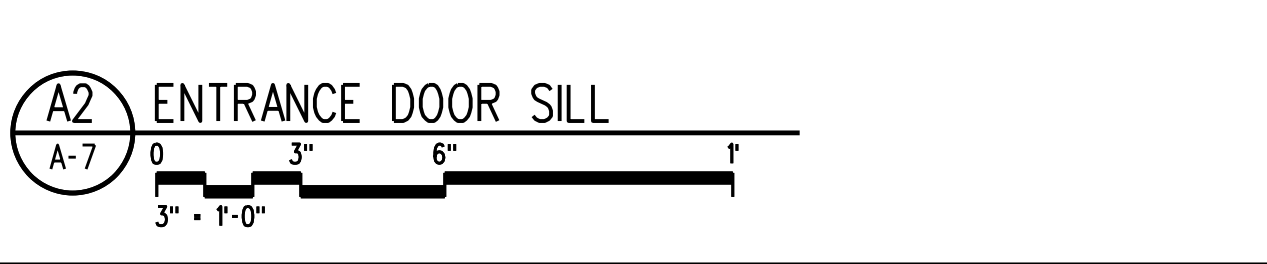
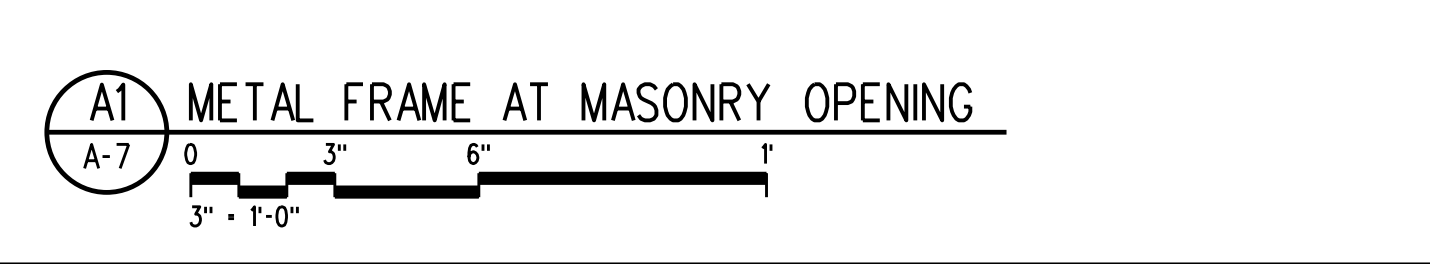
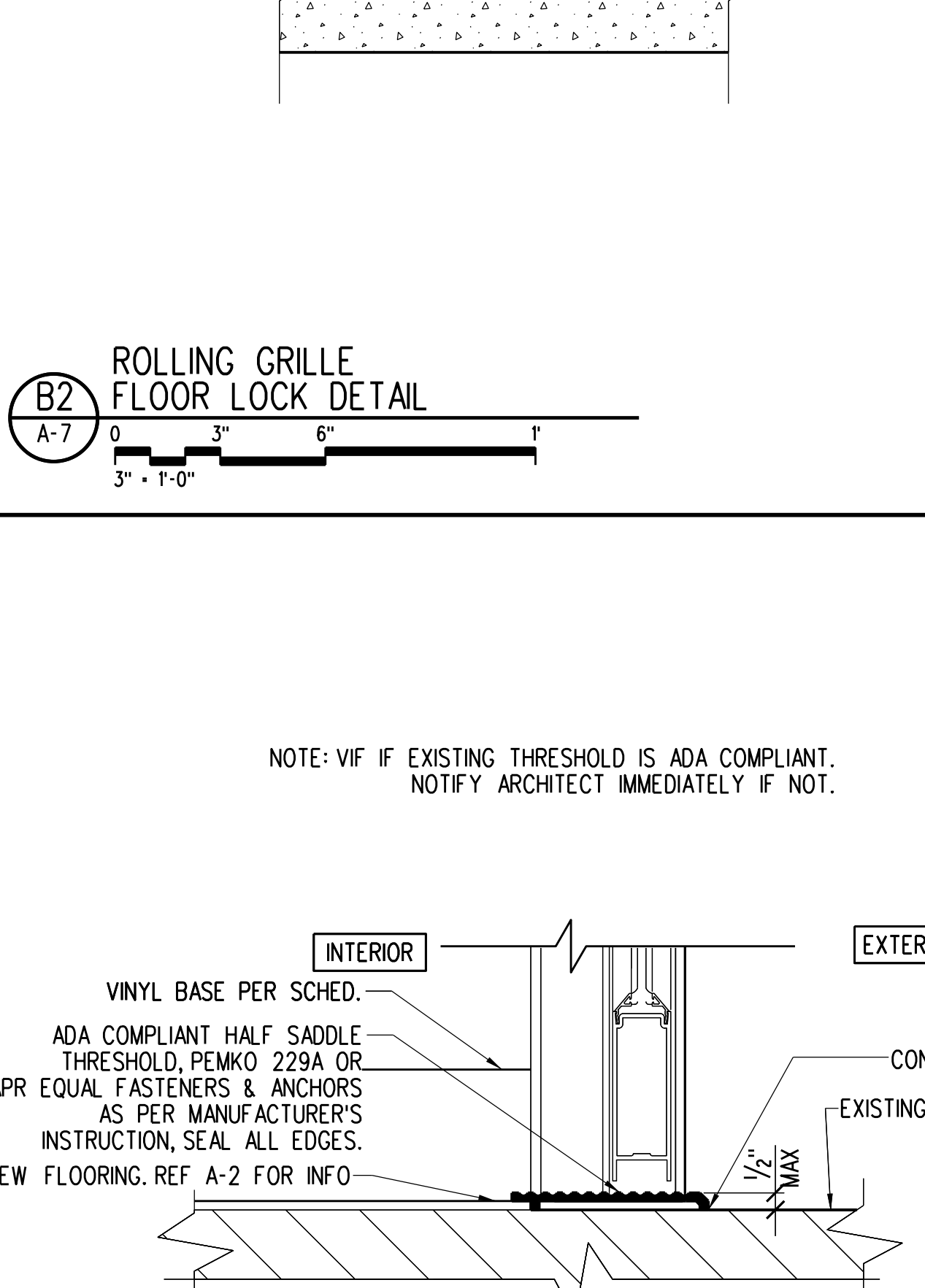
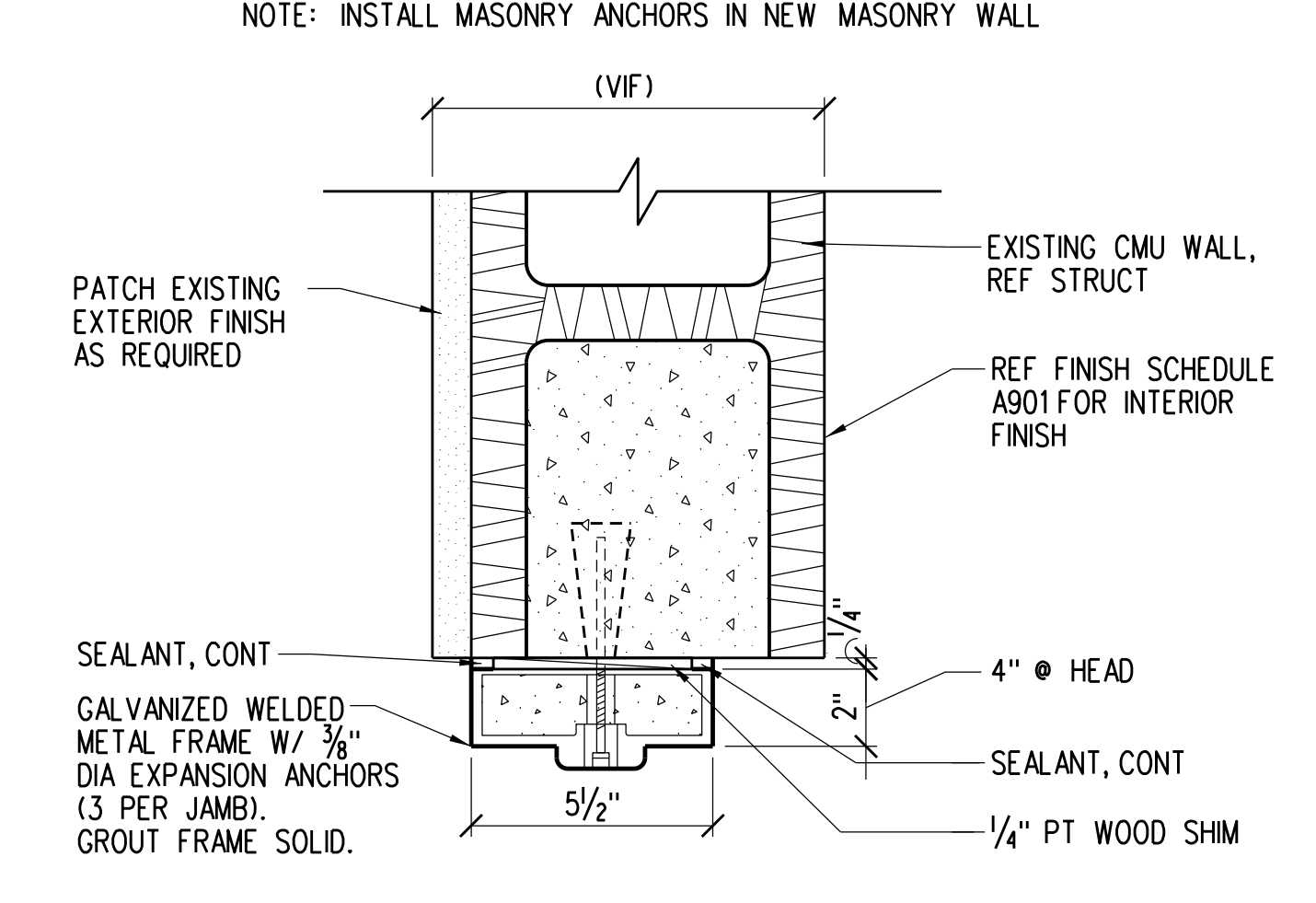
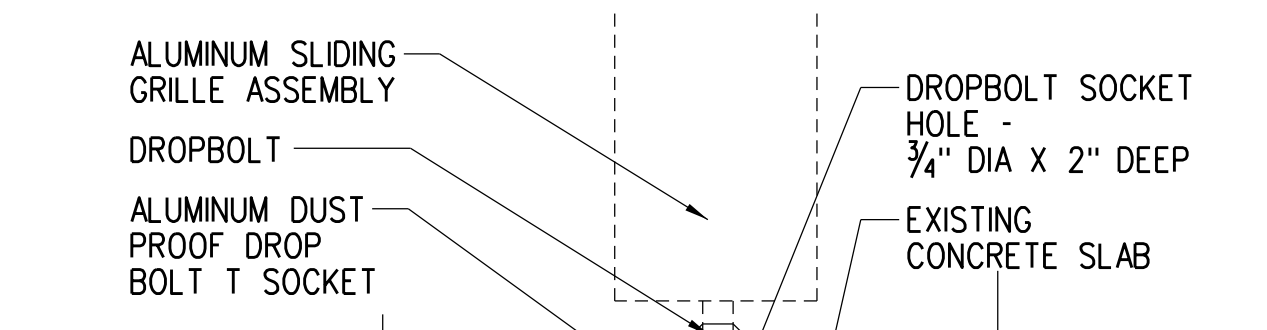
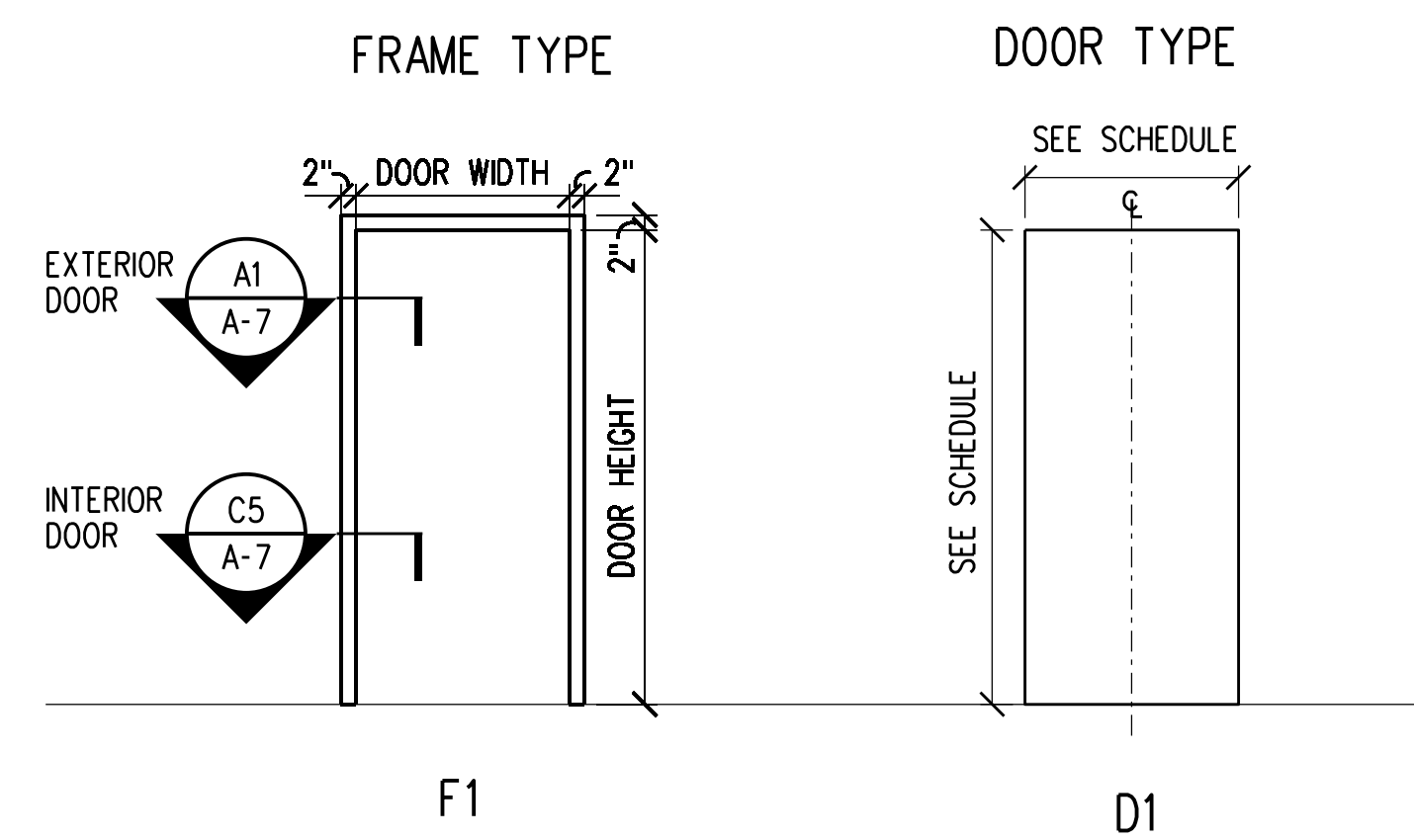
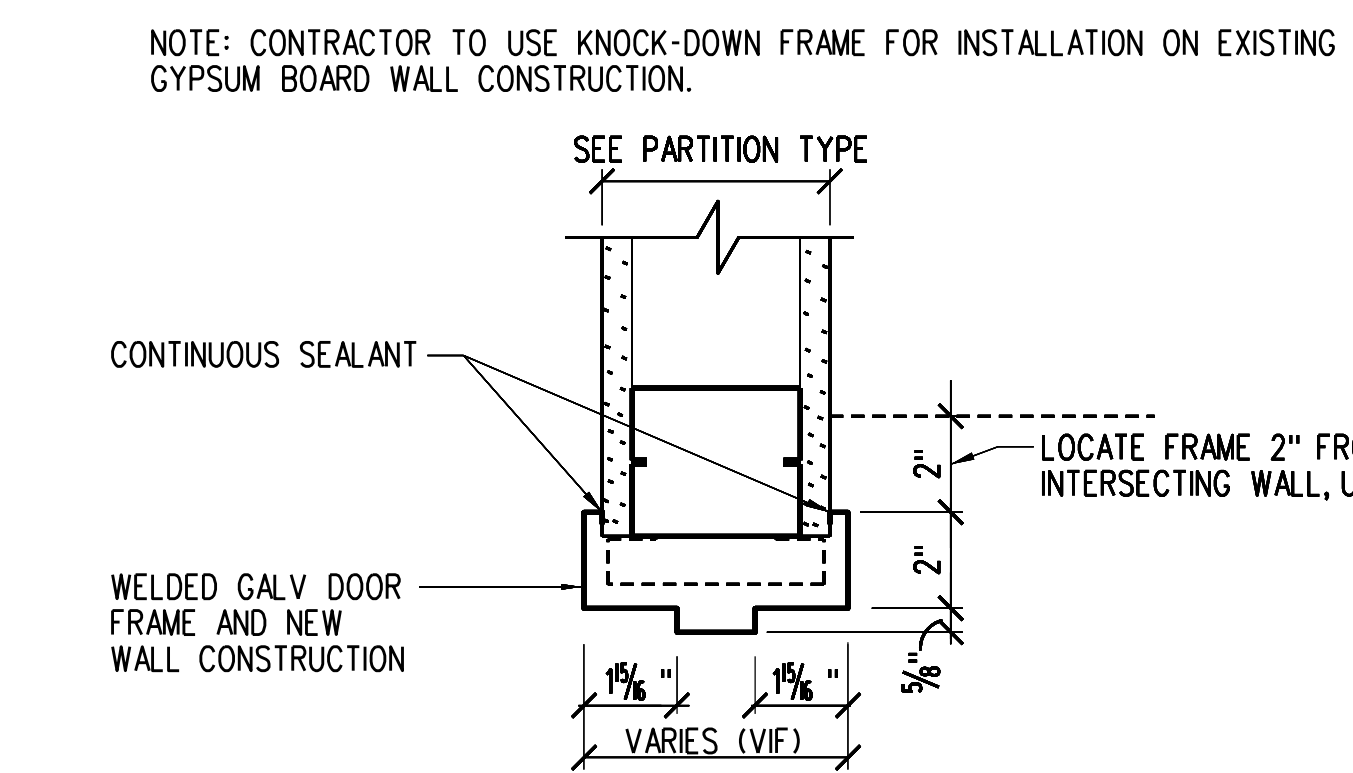
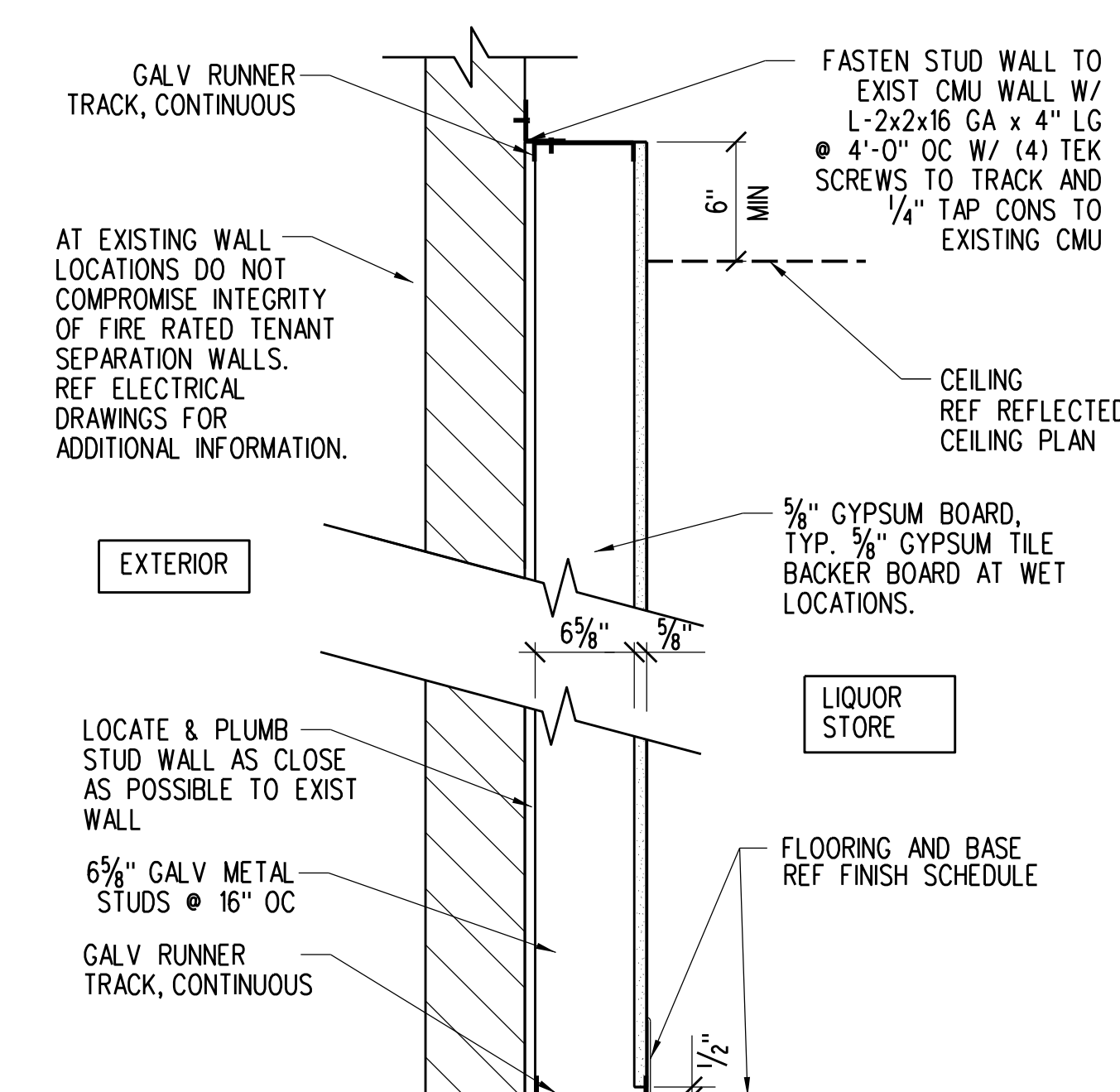
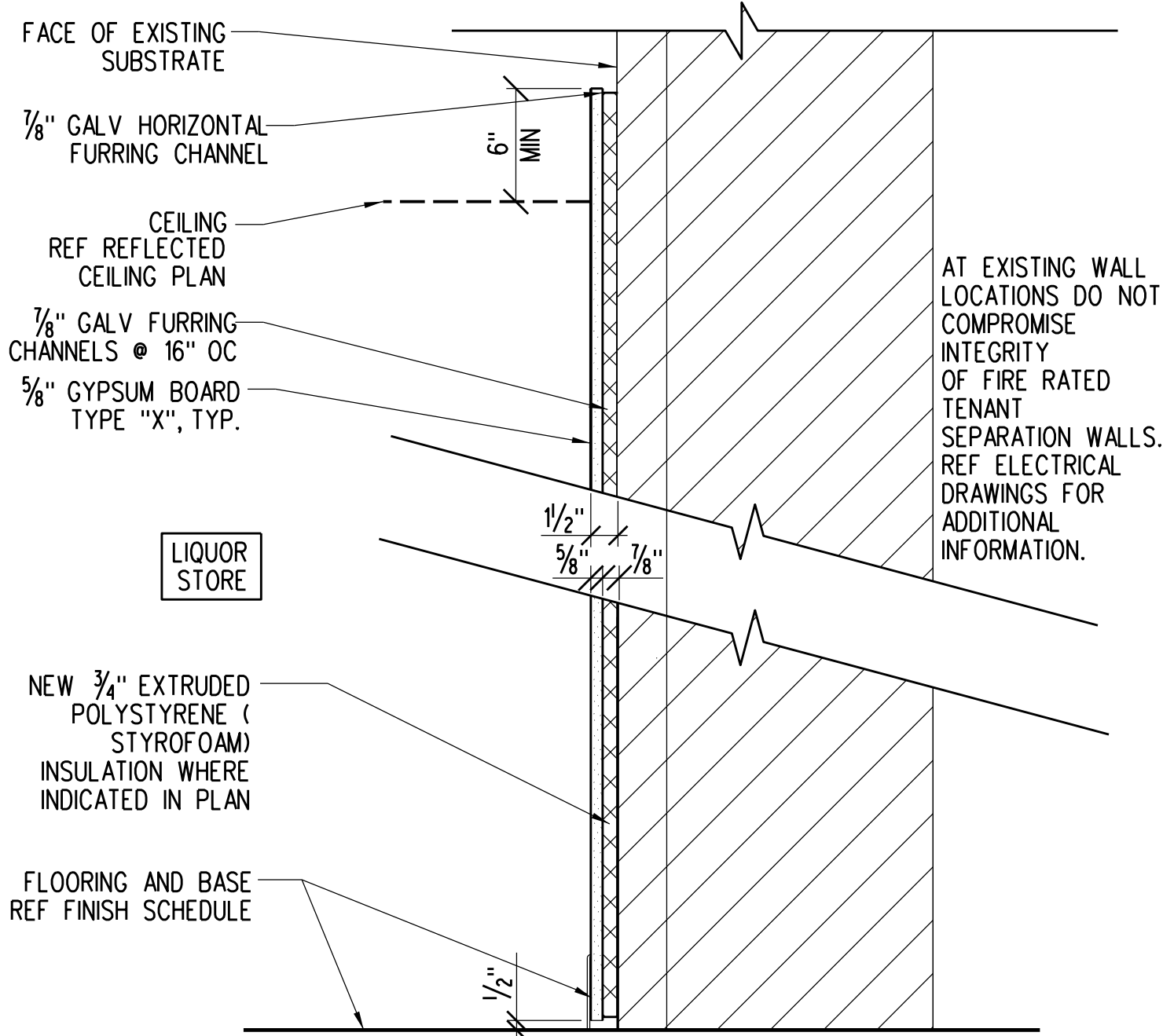
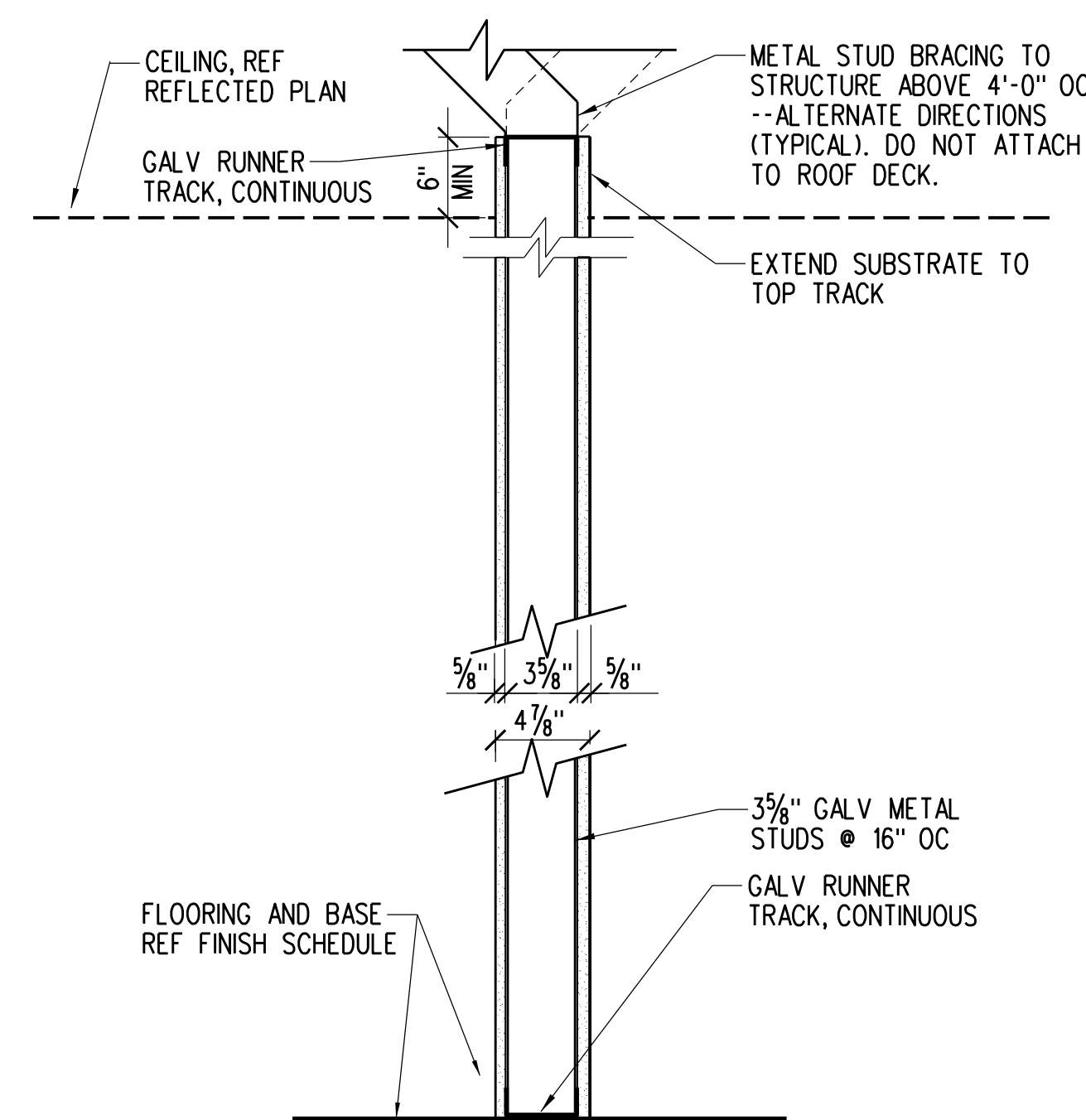
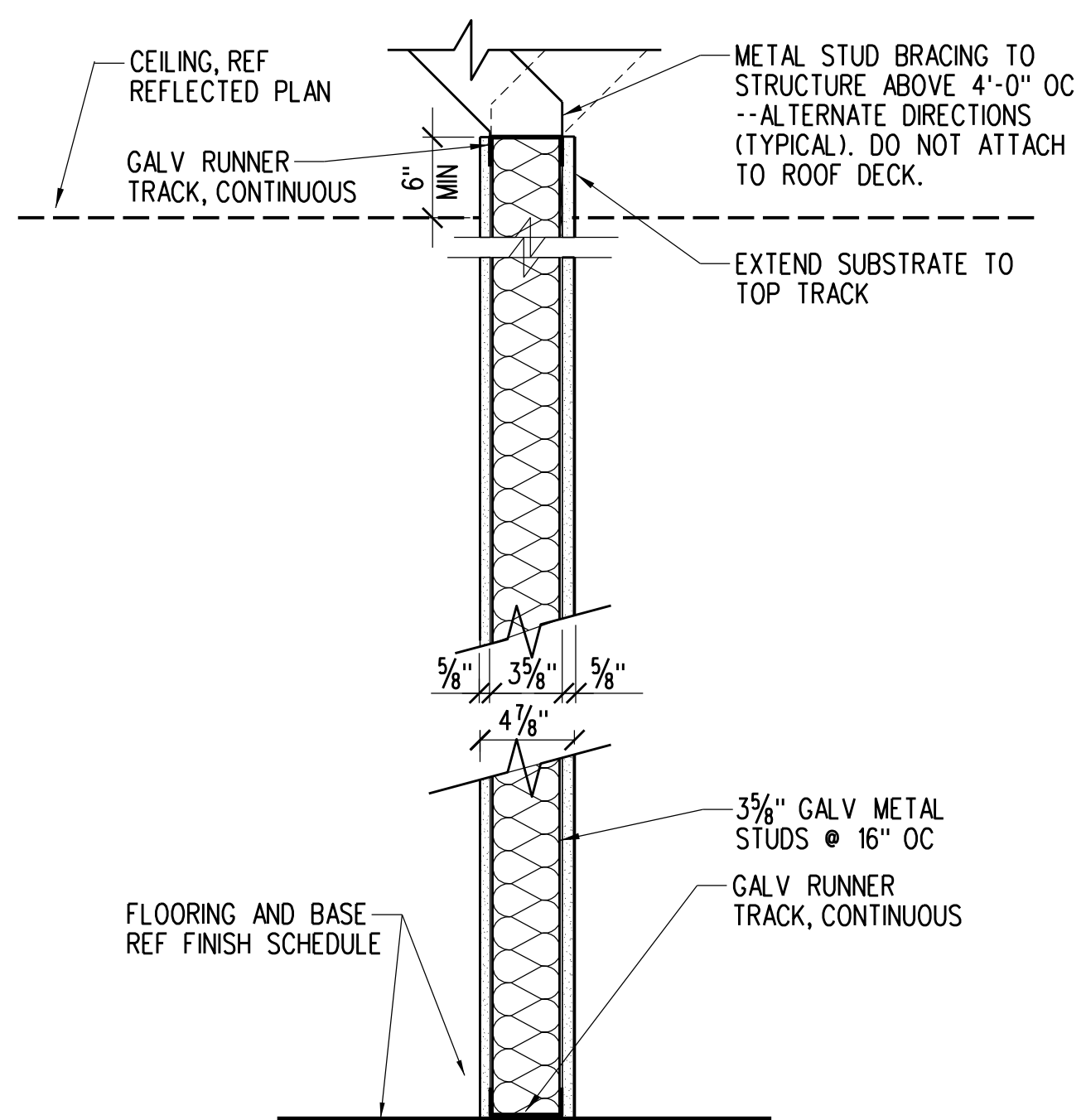
DOOR HARDWARE

GROUP LS (REAR DOOR) HARDWARE SET ONLY 4'-0" X 8'-0" DOOR DELAYED EGRESS DEVICE TO BE PROVIDED BY GC NOTIFY ARCHITECT IF RECD CONDITIONS CAN NOT BE MET PER NFPA 101, 7.2.1.6.1.

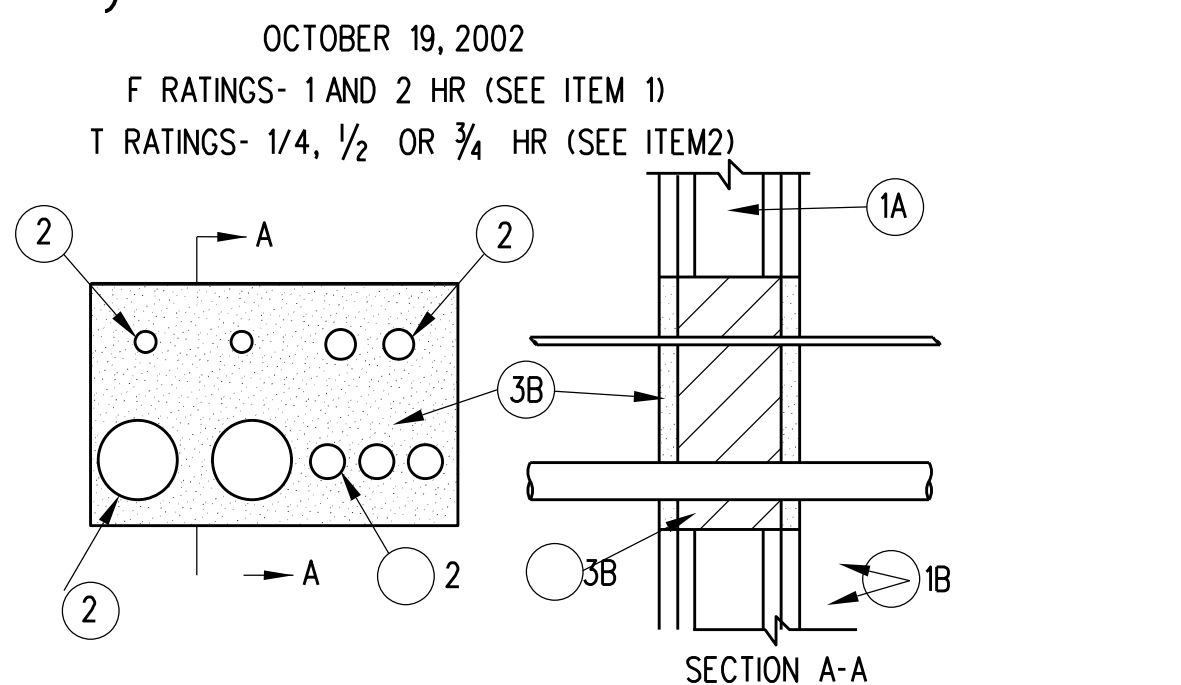
EXT. PANIC BAR	443386 NRP 4-1/2" X 4-1/2" USP	GROUP D (STORAGE)	LOCKSET CAN BE DISABLED FROM INSIDE: OFFICES, BOOKKEEPING/ CONFERENCE, TRAINING ROOMS, STORAGE ROOMS
4 EACH HINGES	H V40 628 E6 48" SMI	1 EACH ENTRANCE LOCKSET	28 10G05 LL
1 ALARMED EXIT DEVICE	(FURNISHED/INSTALLED BY PUBLIX)	1 EACH DOOR STOP	409 OR 443 AS REQUIRED
1 CYLINDER FOR ALARM		3 EACH SILENCERS	
1 EA LATCH PROTECTOR	MLP 211 SL	GROUP D-1 (UNISEX (FAMILY) ACCESSIBLE TOILET)	LOCKSET CAN BE DISABLED FROM INSIDE - SINGLE TOILETS
1 EA CLOSER W/ STOP, H.O.	H431P5H EN	1 EACH ENTRANCE LOCKSET	10044 LL
1 EA ONE-WAY VIEWER	622 US260	1 DOOR STOP	409 OR 443 AS REQUIRED
1 EA THRESHOLD	2005 AV (48")	1 EACH CLOSER	1431U0 T8
1 SET WEATHER STRIP	5880 (20 FT)		
1 EACH DOOR SWEEP	PEMKO 57AV (48")		

GROUP N (STOREFRONT)

CONFIRM STANDARD MORTIS OR RMSET CYLINDER. CONFIRM ADA COMPLIANT HALF SADDLE THRESHOLD, PEMKO 229a OR APR EQUAL. CONFIRM NEW EXISTING CLOSER ALLOWS FOR SECURITY GRILLE BYPASS CLEARANCE. NEW CLOSER SHALL BE LCN 4510 "SMOOTHE" SERIES EXTERIOR MOUNT VANDAL RESISTANT DOOR CLOSER OR APPROVED PARALLEL ARM CLOSER. GROUP SC (SECURITY GRILLE) LOCKSET, MORTISE CYLINDER KEYPED 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.

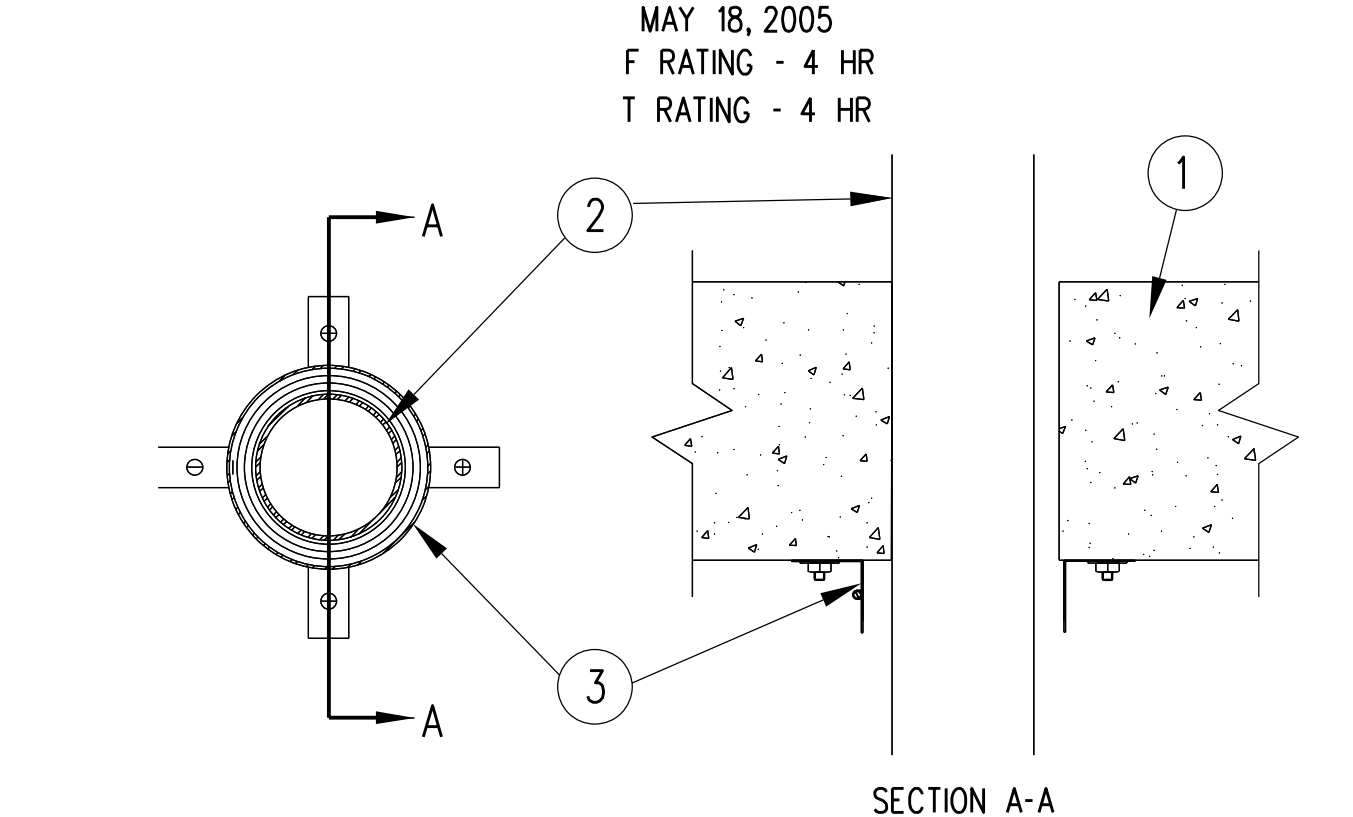


System No. W-L-8042



- 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:
 - 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 7/8 IN WIDE BY MIN 3 1/2 IN DEEP AND SPACED MAX 24 IN OC FRAMING OF THE OPENING. SHALL CONSIST OF STEEL CHANNEL STUDS.
 - 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.
- THROUGH PENETRANTS - ANY COMBINATION OF THE FOLLOWING METALLIC PENETRANTS TO BE INSTALLED WITHIN THE FIRESTOP SYSTEM. THE ANNULAR SPACE BETWEEN PENETRANTS SHALL BE MIN 1/8 IN TO MAX 3/16 IN AND BETWEEN PENETRANTS AND PERIPHERY OF OPENING SHALL BE MIN 1/4 IN TO MAX 2-1/2 IN. PENETRANTS TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF THE FLOOR OR WALL ASSEMBLY. THE FOLLOWING TYPES AND SIZES OF EMT, METAL CLAD CABLE OR CONDUITS MAY BE USED:
 - 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.
 - 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.
 - 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.
- 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.
 - PACKING MATERIAL - FOR 1 OR 2 HR FIRE RATED WALLS, MIN 3-1/2 IN OR 4-3/4 IN THICKNESS, RESPECTIVELY OF MIN 4 PPF 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.
 - FILL VOID OR CAVITY MATERIAL - CAULK - MIN 5/8 IN THICKNESS OF FILL MATERIAL APPLIED WITHIN THE ANNULUS, FLUSH WITH BOTH SURFACES OF WALL.

SYSTEM NO. C-BJ-2002



- FLOOR OR WALL ASSEMBLY ORMAL WEIGHT (100-150 PCF OR 1600-2400 KG/M3) CONCRETE. WALL MAY ALSO BE CONSTRUCTED OF ANY UL CLASSIFIED, CONSTRUCTED 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 SPAC BETWEEN THE PIPE OR CONDUIT AND THE PERIPHERY OF THE OPENING SHALL BE A MIN 0 IN (POINT CONTACT) TO A MAX 1/2 IN (13 MM) TO MAX 13 MM PIPE 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:
 - POLYVINYL CHLORIDE (PVC) PIPE
 - SOLID CORE OR CELLULAR CORE PVC PIPE FOR USE IN CLOSED (PROCESS OR SUPPLY) OR VENTED (DRAIN, WASTE OR VENT) PIPING SYSTEMS.
 - RIGID NONMETALLIC CONDUIT--
 - PVC CONDUIT INSTALLED IN ACCORDANCE WITH ARTICLE 347 OF THE NATIONAL ELECTRICAL CODE (NFPA NO. 70).
 - CHLORINATED POLYVINYL CHLORIDE (CPVC) PIPE SMALLER SDR13.5 CPVC PIPE FOR USE IN CLOSED (PROCESS OR SUPPLY) PIPING SYSTEMS.
 - SCRYLONTRILE 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.
 - FIRE RETARDANT POLYPROPYLENE (FPP) PIPE SMALLER SCHEDULE 40 FRPP PIPE FOR USE IN CLOSED (PROCESS OR SUPPLY) OR VENTED (DRAIN, WASTE OR VENT) PIPING SYSTEMS.
 - POLYVINYLIDENE FLUORIDE (PVDF) PIPE SCHEDULE 40 PVDF PIPE FOR USE IN CLOSED (PROCESS OR SUPPLY) OR VENTED (DRAIN, WASTE OR VENT) PIPING SYSTEMS.
- FIRESTOP DEVICE - COLLAR ACCOMPANYING INSTALLATION INSTRUCTIONS. COLLAR TO BE INSTALLED AND LATCHED AROUND PIPE AND SECURED TO BOTTOM OF FLOOR OR BOTH SIDES OF WALL WITH MIN 3/8 IN (5 MM) DIAM BY MIN 1/4 IN (32MM) LONG STEEL MASONRY FASTENERS IN CONJUNCTION WITH MIN 1/4 IN (32 MM) DIAM TEEL FENDER WASHERS MIN OF TWO, THREE OR FOUR FASTENERS, SYMMETRICALLY LOCATED, FOR NOM 2 IN (51MM) DIAM (AND SMALLER), NOM 3 IN (76 MM) DIAM AND NOM 4 IN (102 MM) DIAM PIPES, RESPECTIVELY.
- FILL VOID OR CAVITY MATERIALS - CAULK, SEALANT OR PUTTY - MIN 1/4 IN (6 MM) THICKNESS OF CAULK OR PUTTY - APPLIED WITHIN ANNULAR SPACE, FLUSH WITH TOP OR BOTTOM OF FLOOR OR BOTH SIDES OF WALL.

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Key Plan:
 EVERGREEN ENVIRONMENT
 Jacobs Project No.: F6-W152-00-192L5
 Drawing Title:
 DOOR SCHEDULE, PARTITION TYPES AND DETAILS
 Date: 02/15/23
 Designed By: P. BEGANY
 Drawn By: P. BEGANY
 Checked By: M. MATOS
 Drawing No.: A-7

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)
 ROOFS: 20 PSF (REDUCIBLE)
- RAIN LOAD: 0 PSF
 RAIN INTENSITY: 4.5 IN/HR
 ULTIMATE DESIGN WIND SPEED: 118 MPH
 NOMINAL DESIGN WIND SPEED: 91 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	+16.0 PSF	-49.6 PSF
	1'	+16.0 PSF	-28.5 PSF
	2	+16.0 PSF	-65.5 PSF
WALL	4	+28.5 PSF	-30.9 PSF
	5	+28.5 PSF	-38.0 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

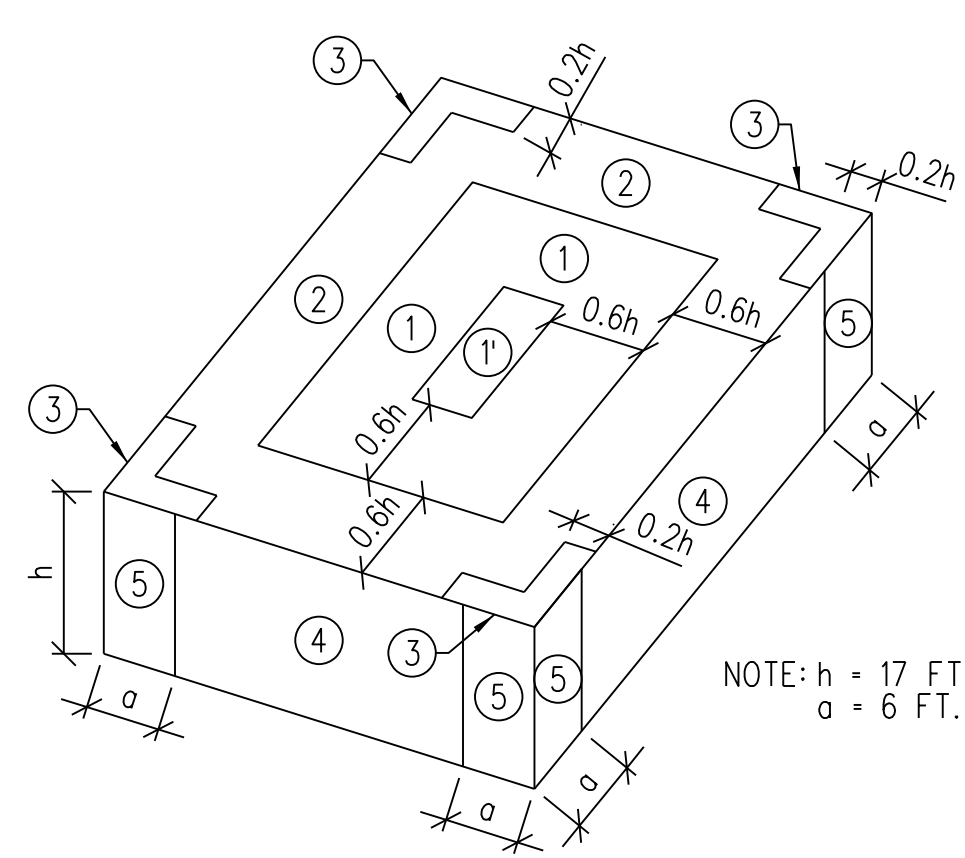
3. CONCRETE COVER FOR REINFORCING
 PERMANENTLY EXPOSED TO EARTH: 3"
 FORMED CONCRETE EXPOSED TO EARTH OR WEATHER:
 #5 BARS OR SMALLER: 1 1/2"
 #6 BAR OR LARGER: 2"
4. MINIMUM BAR LAP SPlice OR EMBEDMENT: CONFORM TO THE APPLICABLE TABLES OF THE CRSHANDBOOK (LATEST EDITION) FOR CLASS "B" SPlice LENGTHS.
 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 SPlice LENGTHS AT CORNERS AND INTERSECTIONS.
 7. DOWELS: FULL EMBEDMENT WITH 90° HOOK
 MATCH SIZE AND SPACING OF MAIN REINFORCEMENT.
 CONFORM WITH MINIMUM LAP SPlice 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, ANSI/AISC 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 (fy = 50,000 PSI)
 ANGLES, CHANNELS AND PLATES: ASTM A36 (fy = 36,000 PSI)
 RECTANGULAR AND SQUARE HSS SHAPES: ASTM A500, GRADE B (fy = 46,000 PSI)
 STEEL PIPES: ASTM A53, GRADE B (fy = 35,000 PSI)
 BOLTS: STRUCTURAL CONNECTION: ASTM F3125 TYPE A325 OR A490 HIGH STRENGTH ANCHOR RODS AND MISCELLANEOUS: ASTM F1554, GRADE 36 (fy = 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 SNUG 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, Fm=1500 PSIMIN.
 MORTAR: ASTM C270, TYPE N OR S.
 HORIZONTAL REINFORCING IN WALLS: PREFABRICATED, GALVANIZED, TRUSS TYPE, MINIMUM OF 2-#3 GAGE WIRES AND CROSS TIES, THE INTERSECTIONS AND CORNERS WITH PREFABRICATED SECTION OF THE SAME GAGEWIRE. 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 8-1/4" MINIMUM SLUMP, OR, GROUT CONFORMING TO ASTM C-476



MASONRY (CONTINUED)

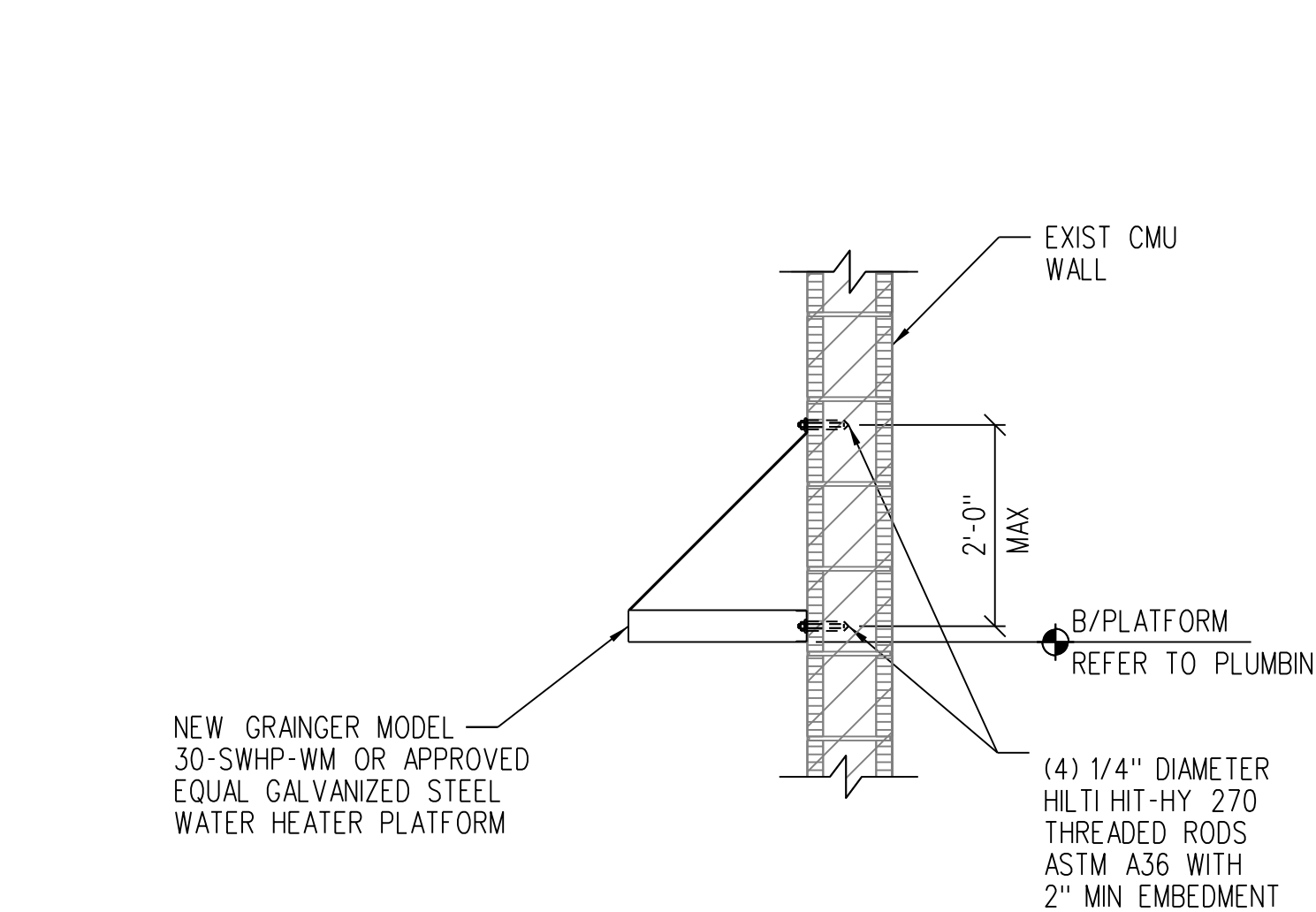
3. WALL: 8" NOMINAL (UNLESS NOTED OTHERWISE).
 4. EXTERIOR WALLS AND INTERIOR LOAD BEARING WALL: REFER TO PUBLX DRAWINGS (UNLESS NOTED OTHERWISE)

ABBREVIATIONS

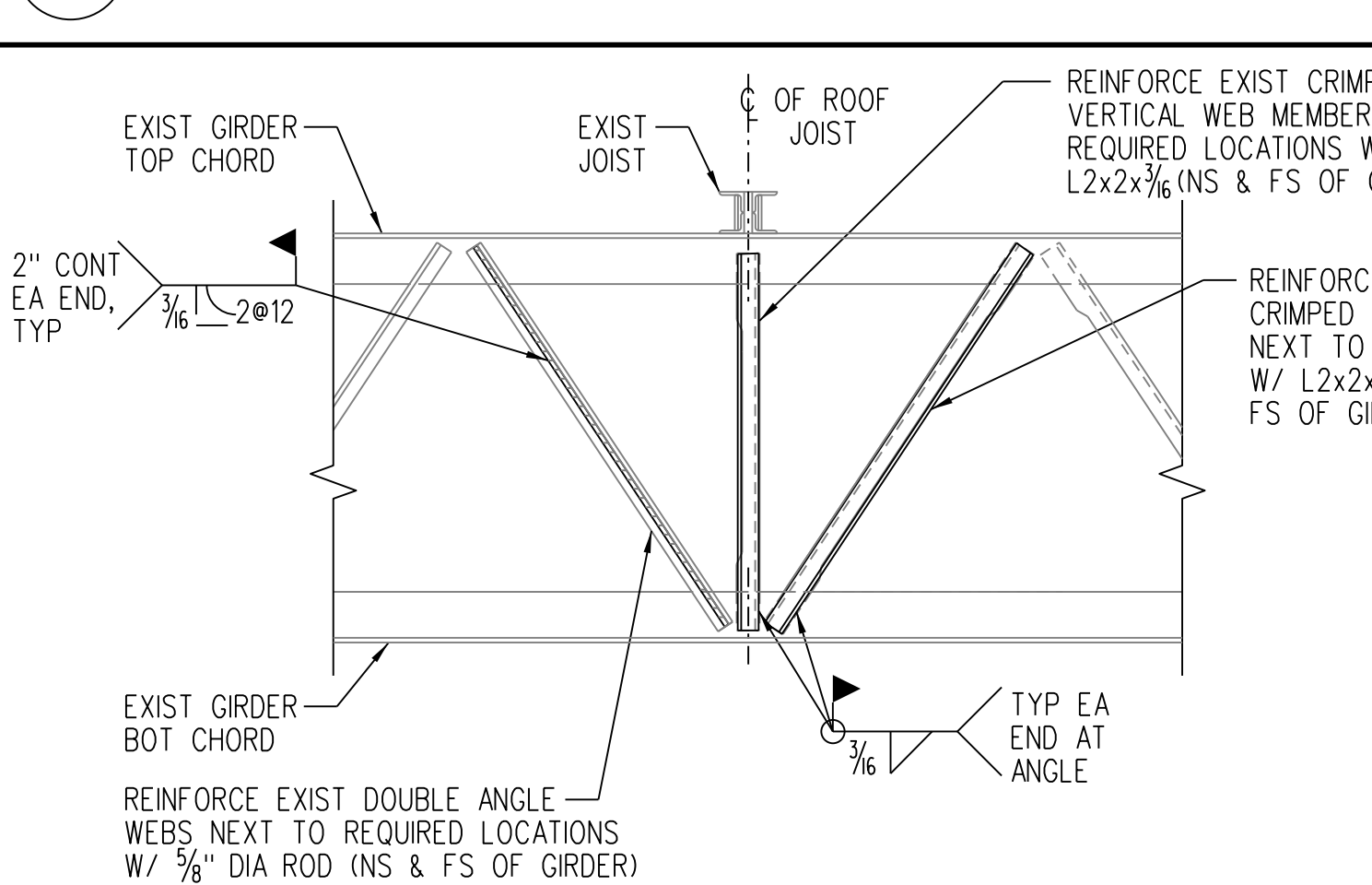
A/E	ARCHITECT/ENGINEER	LB	POUND
ACI	AMERICAN CONCRETE INSTITUTE	LLH	LONG LEG HORIZONTAL
ADOL	ADDITIONAL	LLV	LONG LEG VERTICAL
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	MAX	MAXIMUM
ANSI	AMERICAN IRON AND STEEL INSTITUTE	MECH	MECHANICAL
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	MFR	MANUFACTURER
ARCH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

NOTES:

1. AT CONDITIONS WHERE THERE IS FURRED GYPSUM BOARD WALL FINISH, DEMO EXISTING GYPSUM BOARD, EXPOSING CMU IN RECESSED AREA TO ACCOMMODATE PLATFORM AND TANK. CONFIRM DIMENSIONAL REQUIREMENTS IN FIELD, RETURN GYPSUM BOARD TO CMU AT PERIMETER OF RECESSED AREA. PAINT CMU TO MATCH WALL WITH EPOXY PAINT.



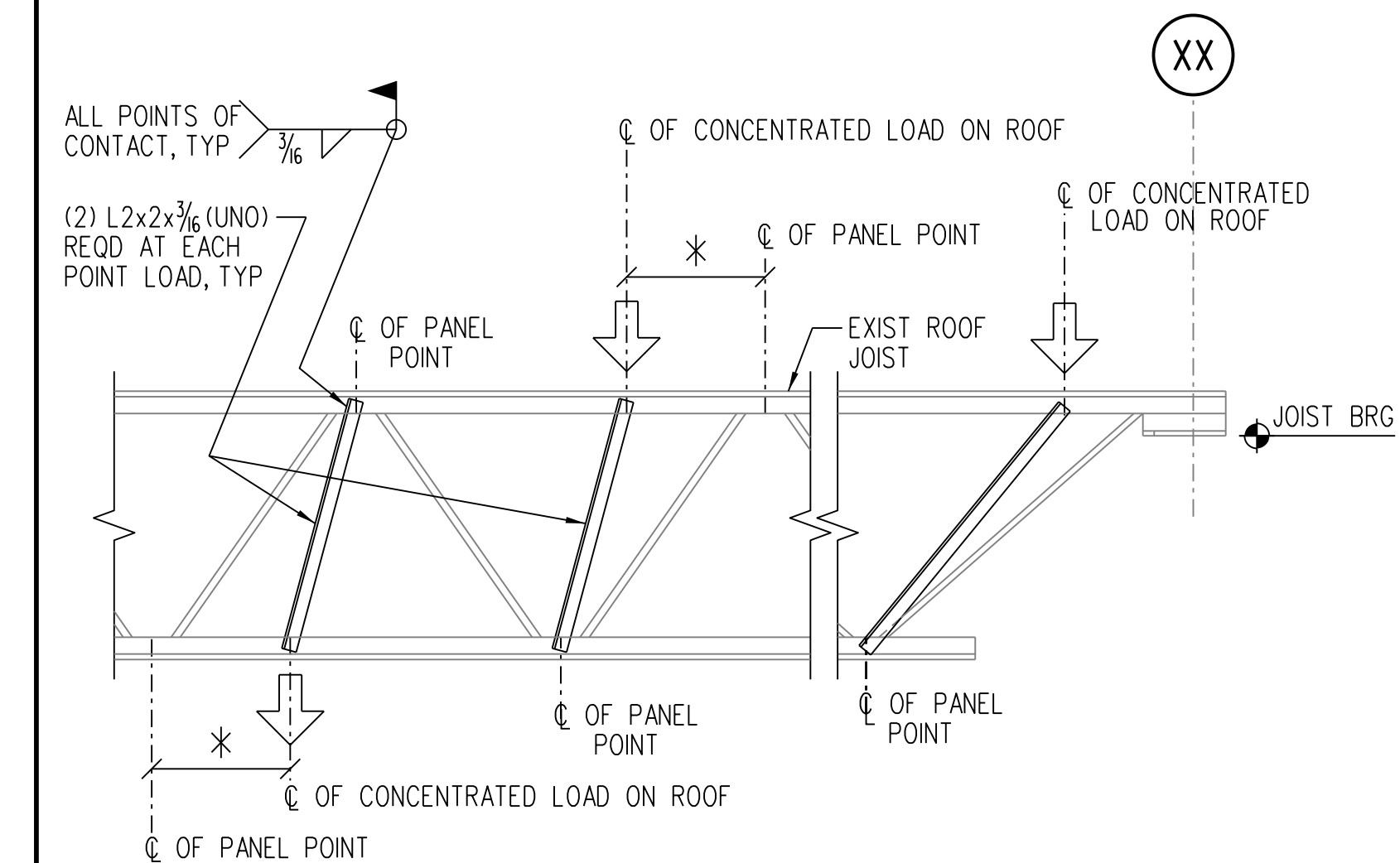
B4 SECTION
S-1 NTS



NOTES:

1. REINFORCING RODS FOR DIAGONAL MEMBERS SHALL BE IN ALIGNMENT WITH EXISTING WEB MEMBERS FROM WORKPOINT TO WORKPOINT.
 2. PRIOR TO REINFORCING GIRDER, CONTRACTOR SHALL REMOVE APPLIED CONSTRUCTION LOADS FROM EXISTING JOISTS, AND SHALL SHORE AND LIFT EXISTING JOIST AS REQUIRED TO ELIMINATE ALL JOIST DEFLECTION AT A MINIMUM OF (3) LOCATIONS AND ONLY AT BOTTOM CHORD PANEL POINTS.
 3. PAINT/PRIMER SHALL BE REMOVED FROM ALL AREAS TO BE WELDED. REINFORCING MATERIALS AND WELDED AREAS SHALL BE PAINTED/PRIMERED TO MATCH EXISTING AFTER WELDING HAS BEEN COMPLETED.
 4. THIS DETAIL IS A GRAPHICAL REPRESENTATION FOR TYPICAL JOIST GIRDER REINFORCEMENT. ALL EXISTING CONDITIONS ARE TO BE VERIFIED IN THE FIELD. NOTIFY A/E OF ANY DISCREPANCIES OR CONFLICTS PRIOR TO INSTALLATION.

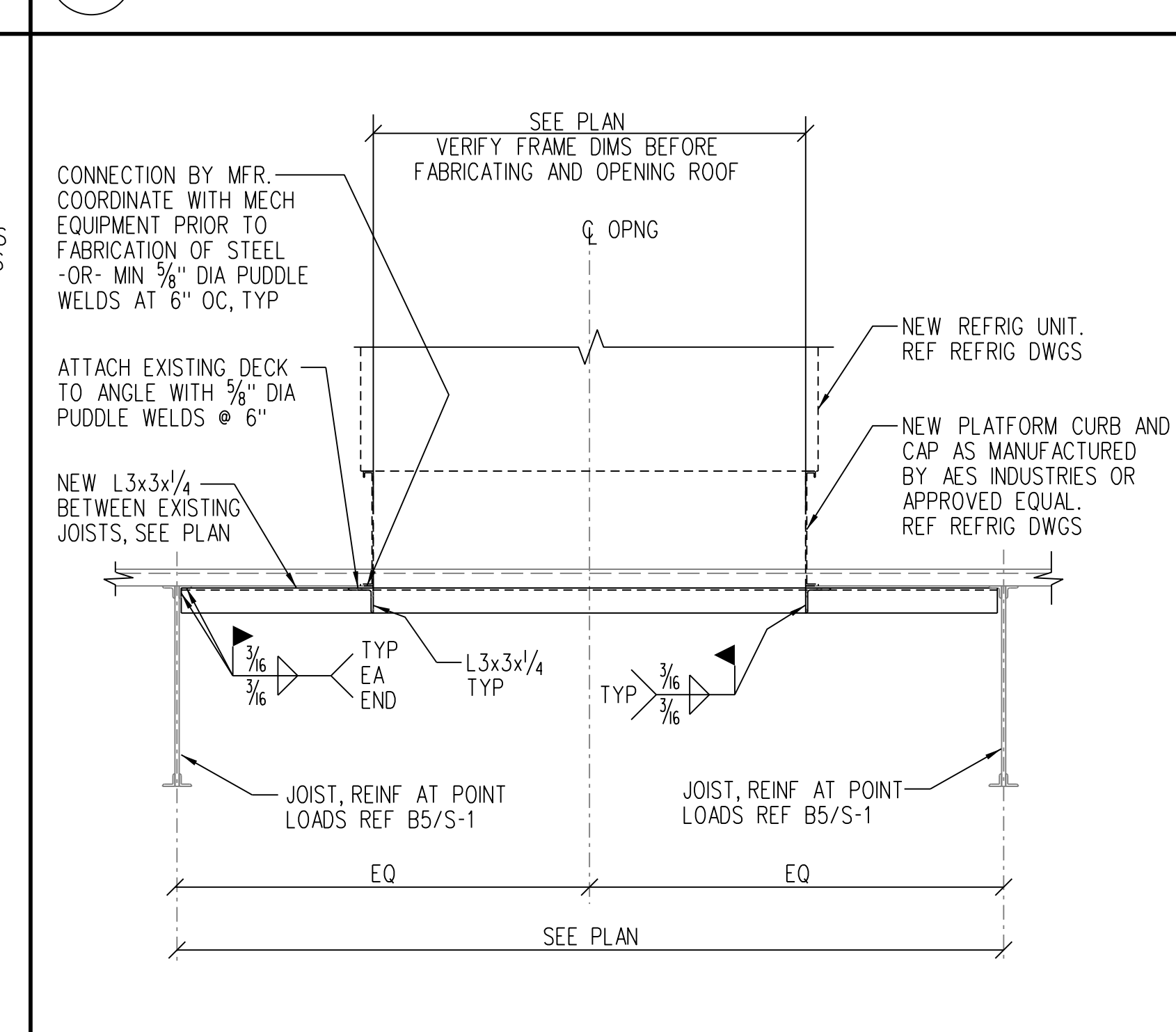
A4 TYPICAL JOIST GIRDER REINFORCING
S-1 NTS



NOTES:

- 1) JOIST STIFFENERS NOT REQUIRED FOR POINT LOADS ≤ 100 LBS AT TOP OR BOTTOM CHORD.
 2) * ANGLE STIFFENERS NOT REQUIRED IF LOAD IS WITHIN 6" OF PANEL POINT.

B5 TYP JOIST REINFORCEMENT DETAIL
S-1 NTS



A5 SECTION AT REFRIGERATION UNIT
S-1 NTS

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STRUCTURAL ENGINEER OF RECORD
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Seal

Revision:

Date: By: Description:

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Key Plan:

Jacobs Project No.: F6-W752-00-192L5

Drawing Title:

**ABBREVIATIONS,
 GENERAL NOTES,
 SECTIONS AND
 DETAILS**

Date: 02/15/23

Designed By: S BAPTISTA

Drawn By: S BAPTISTA

Checked By: A WARGA

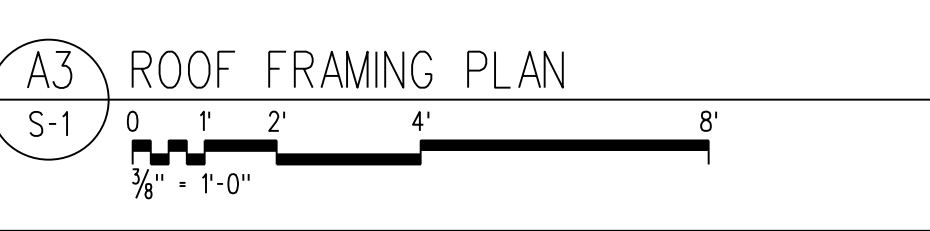
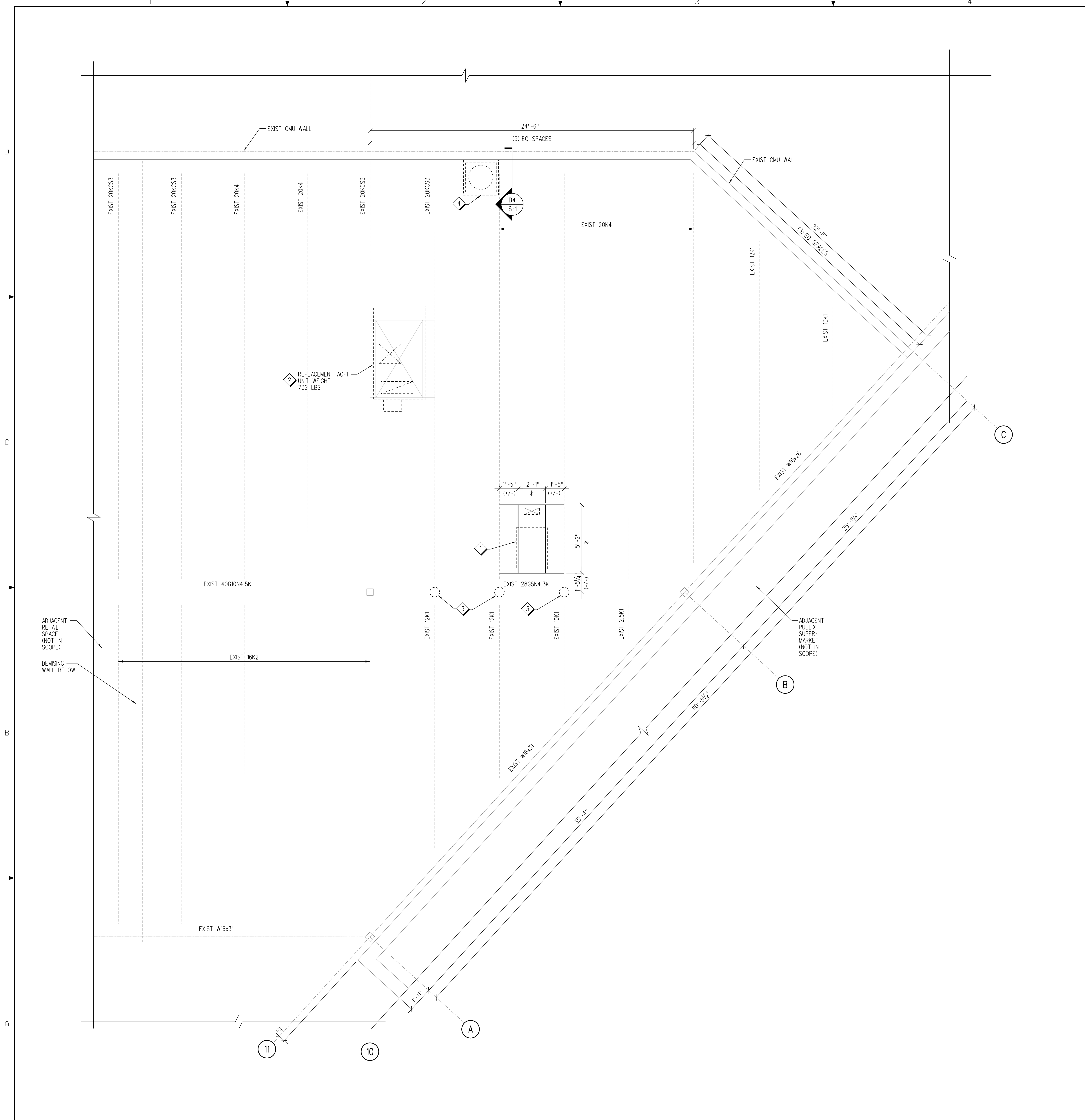
Drawing No.:
S-1

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. EXISTING STRUCTURAL ELEMENTS, DIMENSIONS, ELEVATIONS, AND OTHER INFORMATION IDENTIFIED WITHIN THESE PLANS COME FROM "LAKE CITY COMMONS", BY BARRY LEVIN & ASSOCIATES DATED 03/16/2007. VERIFY EXISTING INFORMATION IN FIELD AND REPORT ANY DISCREPANCIES TO EOR FOR CLARIFICATION.
6. THE SCOPE OF WORK IN THESE DRAWINGS IS THE STRUCTURAL FRAMING MEMBERS IMMEDIATELY SUPPORTING THE MOUNTED EQUIPMENT, THROUGH ITS ENTIRE LOAD PATH, OR AS SHOWN. LOAD CRITERIA LISTED ON SHEET S-1 IS APPLIED TO THESE FRAMING MEMBERS AND ANALYZED IN ACCORDANCE WITH FLORIDA BUILDING CODE - EXISTING 2020. ALL OTHER FRAMING IS EXISTING TO REMAIN UNLESS NOTED OTHERWISE. SEE ORIGINAL DESIGN DRAWINGS FOR APPLICABLE DESIGN LOADS.

KEY NOTES:

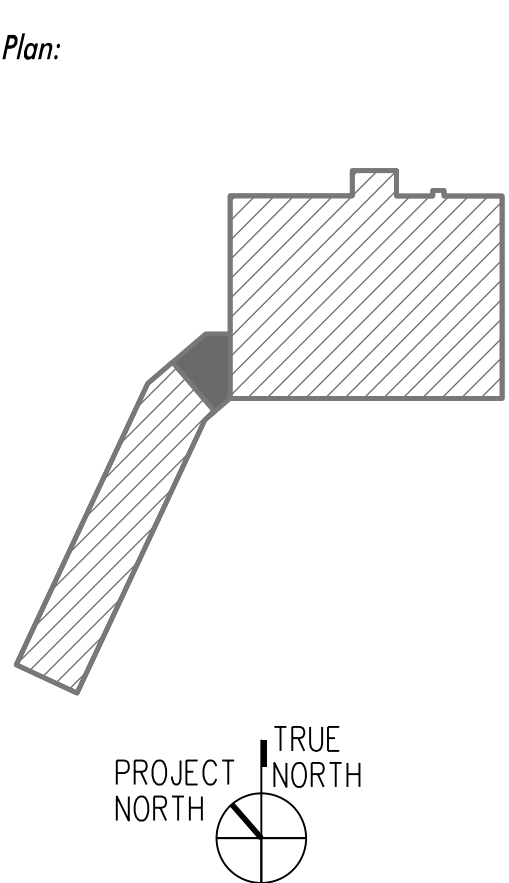
1. NEW REFRIGERATION UNIT ON PREFAB PLATFORM CURB AND CAP WITH MOUNTING FRAME. REFERENCE DETAIL A4/S-1. REFERENCE REFRIGERATION DRAWINGS FOR EQUIPMENT. DIMENSIONS DENOTED WITH AN ASTERISK (*) SHALL BE VERIFIED WITH EQUIPMENT MANUFACTURER PRIOR TO FABRICATING SUPPORT FRAME. UNIT MANUFACTURER TO PROVIDE MOUNTING HARDWARE. MAX UNIT WT = 221 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.
2. REPLACEMENT AC UNIT OVER EXISTING OPENING. FRAME EXISTING 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.
3. REINFORCE EACH SIDE OF JOIST ORDER WEB AS SHOWN ON DETAIL A4/S-1. TYPICAL (3) PLACES.
4. FRAMING FOR NEW WALL-MOUNTED WATER TANK. REFERENCE PLUMBING DRAWINGS FOR WATER TANK AND SUPPORT FRAMING. SEE B4/S-1 FOR PLATFORM ATTACHMENT TO EXISTING CMU WALL.



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Jacobs Project No.: F6-W752-00-192LS
Drawing Title:

ROOF FRAMING PLAN

Date: 02/15/23
Designed By: S BAPTISTA
Drawn By: S BAPTISTA
Checked By: A WARGA

LIGHTING FIXTURE SCHEDULE					
MARK	MANUFACTURER	CATALOG NUMBER	LAMP STOCK NUMBER	DESCRIPTION	LUMINAIRE WATTAGE
EM	DUAL-LITE	EV401-02L	INCLUDED	2-LAMP BATTERY BACK-UP FIXTURE	4
D12	LITHONIA	FHR22 55L LP832 SCT WPF6494	LED DRIVER	2x2 LED CRACKED ICE, 5500LM, 3250K, ICE CHIP, 1 CIRCUIT, LAY-IN (GRID)	46
H6	LITHONIA	2GTL220LRW120/277E2L835GLRSPONAPX	LED DRIVER	2x2 LED, PRISMATIC, 2267LM, 3500K, 1 CIRCUIT LAY-IN (GRID)	17
R21	LITHONIA	CLX L96 10000LM SEF ROL MVOLT G20 35K 300CRI SPD CLR WH NAPX RFD284746	LED DRIVER	4' CLX, 3500K, 10000LM, LENSED, SURFACE	67
T34	ACCESS LIGHTING	28030-1C-BS/OPL	-	OPAL DIFFUSER 100W PENDANT WITH BRUSHED STEEL FINISH, MTC HT 07-0" AFF	100
X1	DUALITE	CCR	INCLUDED	LED EXIT FIXTURE WITH EMERGENCY LIGHTS	12
X2	DUALITE	HCKURWRC12	INCLUDED	LED EXIT FIXTURE WITH EMERGENCY LIGHTS	23
X2R	DUALITE	PGNW	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 "I" 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 "I" RATED SWITCH	47" AFF OR AS NOTED
§s1	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
Ⓜ(CF)	HUBBELL	GF5362/97101	20 AMP, 3W, GFI DUPLEX RECEPTACLE	18" AFF
Ⓜ(CF)	HUBBELL	HBL5362/97101	20 AMP, 3W, DUPLEX RECEPTACLE	48" AFF OR AS NOTED
Ⓜ(CF)	HUBBELL	2-HBL5362/97101	2-20 AMP, 3W, RECEPTACLE	18" OR AS NOTED
Ⓜ(CF)	HUBBELL	HBL2310	20 AMP, 3W, CEILING MOUNTED RECEPTACLE	CEILING
Ⓜ(CF)	HUBBELL	HBL2310	FUSED DISCONNECT SWITCH SIZED FOR APPLICATION EX: 30-AMPERE SIZE, (15)-FUSE SIZE, (NF)-NON FUSED	
Ⓜ(CF)			MOTOR - WATT SIZES AS INDICATED	
Ⓜ(CF)			POWER POLE	
Ⓜ(CF)			JUNCTION BOX	AS NOTED
Ⓜ(CF)			ELECTRICAL PANEL	
Ⓜ(CF)			CONDUIT CONCEALED IN WALL OR ABOVE CEILING WITH 2"X12, #12G, 3/4"C. MIN UNON	
Ⓜ(CF)			CONDUIT CONCEALED BELOW FLOOR SLAB OR FINISHED GRADE WITH 2"X12, #12G, 3/4"C. MIN UNON	
Ⓜ(CF)			CONDUIT OR CABLE TURNING UP	
Ⓜ(CF)			UNINTERRUPTIBLE POWER SUPPLY	
Ⓜ(CF)	HSA	HSC	E.W.S. CONTROL HUMIDISTAT - SUPPLIED BY PUBLIX, INSTALLED BY CONTRACTOR	AT ELEV. 8'-2" AFF TO
Ⓜ(CF)	Ta	Tt	E.W.S. CONTROL THERMOSTAT - SUPPLIED BY PUBLIX, INSTALLED BY CONTRACTOR	CENTER OR AS NOTED
Ⓜ(CF)	RT		REMOTE TEST STATION FOR SMOKE DETECTOR	48" A.F.F.
Ⓜ(CF)			MANUAL TRANSFER SWITCH	

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

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

NOTE: CONTRACTOR TO PROVIDE J-BOXES (18" AFF OR AS NOTED) AND CONDUIT TO CEILING OR JOIST SPACE ONLY. ALL COVER PLATES PROVIDED BY CABLE INSTALLER.

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
AIC	AMPERES INTERRUPTING CAPACITY	MLO	MAIN LUG ONLY
AFF	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	PULL BOX
CR	CASH REGISTER	PB	PANEL
DTS	DOUBLE THROW SWITCH	PWR	POWER
E.D.F.	ELECTRIC WATER FOUNTAIN	RCP	RECEPTACLE
ELEC	ELECTRICAL / ELECTRIC	SH	SHIELDED
EMSA	EMERGENCY MANAGEMENT SYSTEM A	UNON	UNLESS OTHERWISE NOTED
FA	FIRE ALARM	UPS	UNINTERRUPTIBLE POWER SUPPLY
FACP	FIRE ALARM CONTROL PANEL	V	VOLT
FAPS	FIRE ALARM POWER SUPPLY	W	WIRE OR WATTS- AS APPLICABLE
FLUOR	FLUORESCENT	WP	WEATHERPROOF
G, GND	GROUND		
GFI, GFCI	GROUND FAULT (CIRCUIT) INTERRUPTER		
HPS	HIGH PRESSURE SODIUM		
HUB	A DEVICE THAT SERVES AS THE CENTER OF A STAR-TOPOLOGY NETWORK		
HWI	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

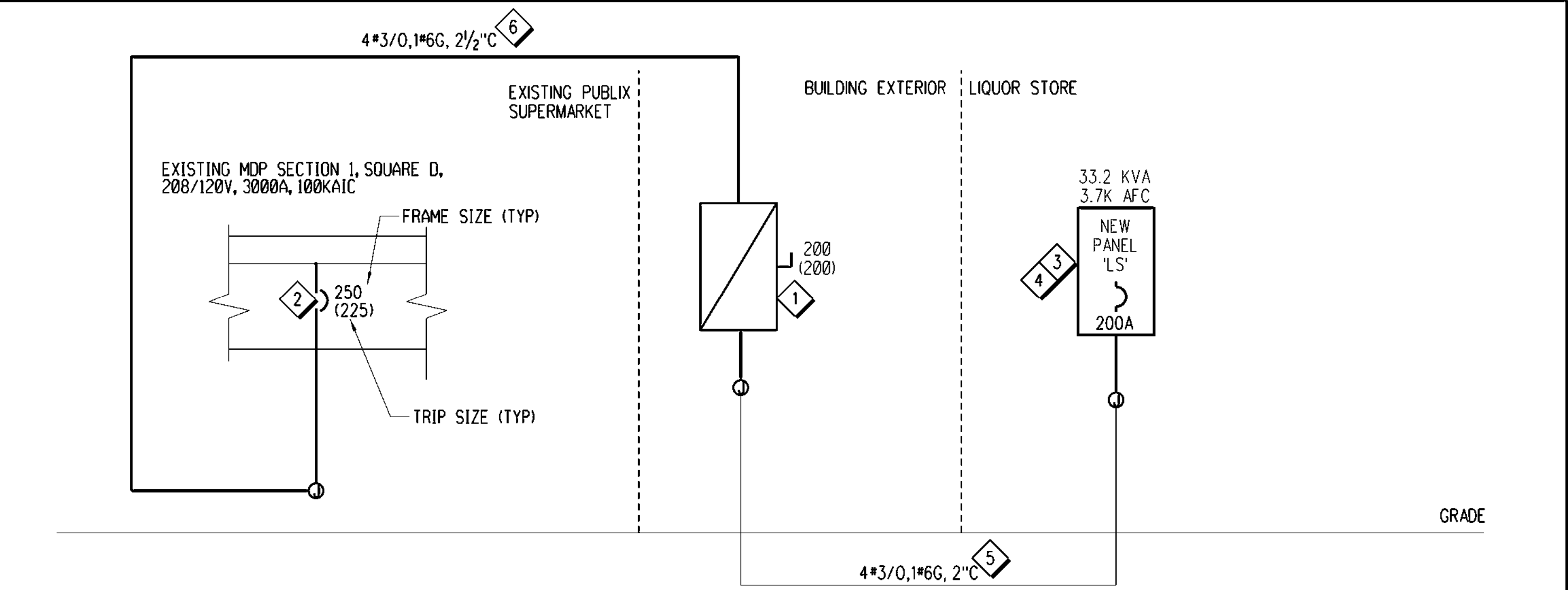
Ⓜ	PENDANT MOUNTED FIXTURE
Ⓜ	WALL MOUNTED FIXTURE
Ⓜ	WALL MOUNTED LED STRIP FIXTURE
Ⓜ	2X2 LED TROFFER LIGHT FIXTURE
Ⓜ	2X4 LED TROFFER LIGHT FIXTURE
Ⓜ	EXISTING LIGHT FIXTURE
Ⓜ	RELOCATED FIXTURE
Ⓜ	NIGHT LIGHT
Ⓜ	N.L.
Ⓜ	NARROW LINES INDICATE DEVICES EXISTING TO REMAIN, UNLESS OTHERWISE NOTED.
Ⓜ	EXIT SIGN WITH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

LINE WEIGHT KEY

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

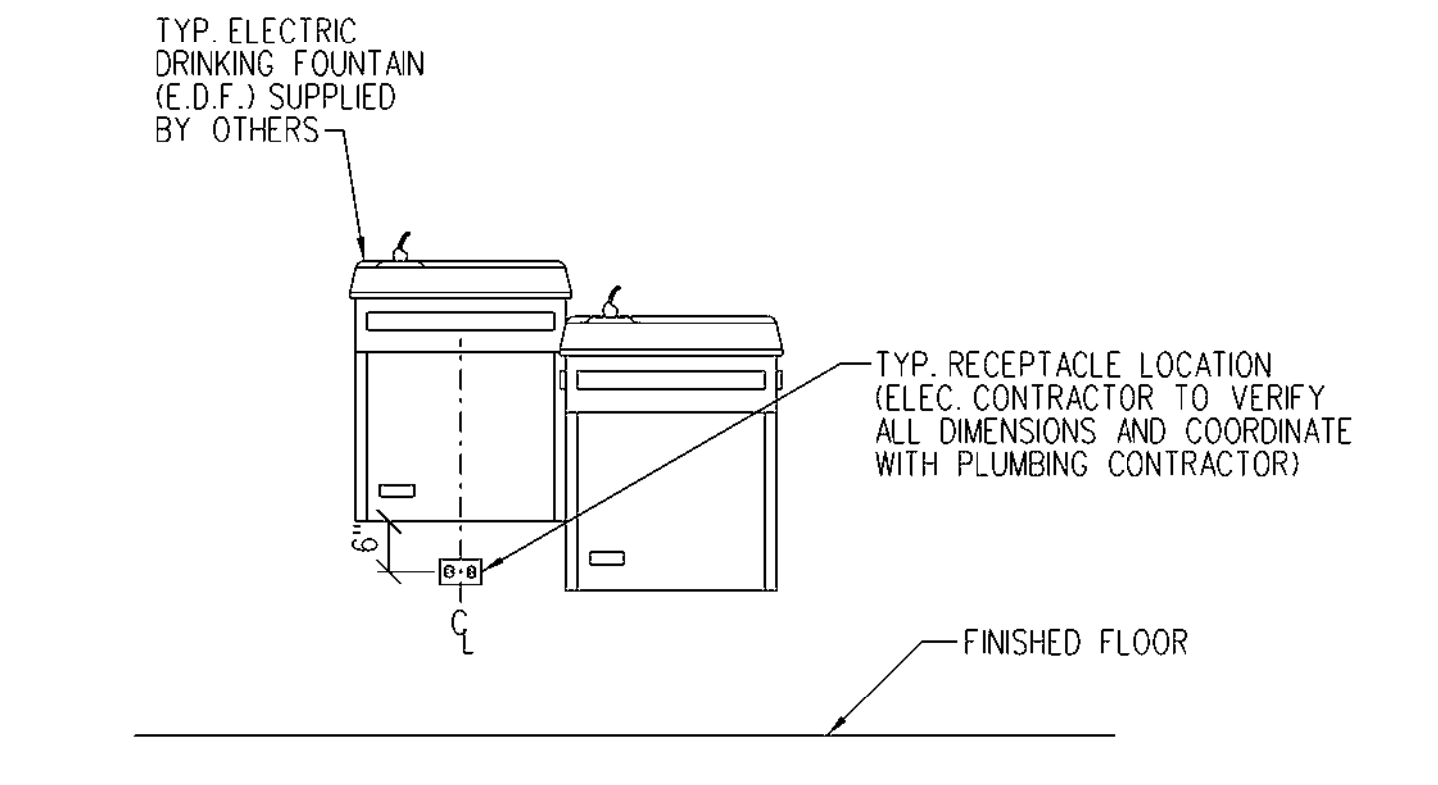
DEMOLITION LEGEND

Ⓜ	ITEMS TO BE REMOVED
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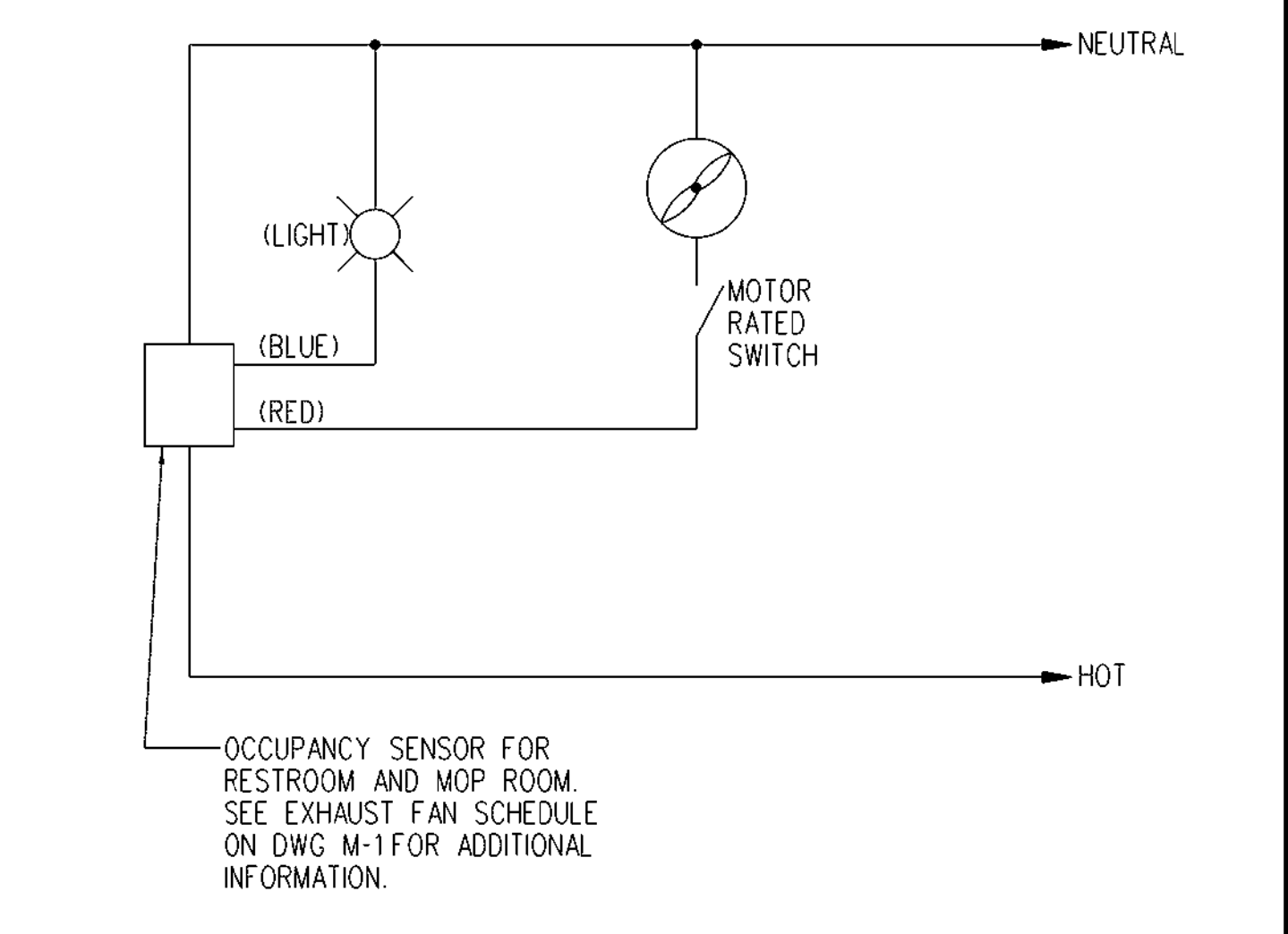


- DIAGRAM NOTES:**
- INSTALL NEW SERVICE-RATED 200A FUSED DISCONNECT SWITCH ON EXTERIOR WALL OF LIQUOR STORE, NO MAIN BONDING JUMPER INSTALLED.
 - PROVIDE NEW SQUARE D TYPE 'QJ' CIRCUIT BREAKER, SIZE AS INDICATED ON PLAN.
 - INSTALL NEW PANEL, REFER TO A1 ON THIS SHEET AND A1/E-4 FOR ADDITIONAL INFORMATION.
 - PROVIDE ARC FLASH WARNING LABEL PER NEC 110.16.
 - PROVIDE NEW FEEDERS IN EXISTING CONDUIT, EXTEND OR PROVIDE NEW, AS NEEDED.
 - RUN ALONG THE REAR EXTERIOR WALL INTO THE PUBLIX SUPERMARKET ELECTRICAL ROOM, A1/E-4 FOR ADDITIONAL INFORMATION.

D4 PARTIAL SINGLE LINE
E-1 NTS



C4 TYPICAL WATER COOLER RECEPTACLE
E-1 NTS



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

C1 LEGEND, ABBREVIATIONS, AND GENERAL NOTES
E-1 NTS

NEW PANEL "LS" <2,3,4>												
LOAD DESCRIPTION						LOAD DESCRIPTION						
LEFT WALL RECEPTACLES	R	0.90		20 / 1P	SEE DWG	1	2	SEE DWG	20 / 1P	0.40		EMERGENCY LIGHTING
RIGHT WALL RECEPTACLES	R	1.08		20 / 1P	SEE DWG	3	4	SEE DWG	20 / 1P	0.51		GENERAL SALES LIGHTING
ROOF TOP RECEPT.	A		0.36	20 / 1P	SEE DWG	5	6	SEE DWG	20 / 1P		0.46	GENERAL SALES LIGHTING
<1> AC-1	A	4.85		70 / 3P	SEE DWG	7	8	SEE DWG	20 / 1P	0.36		SHOW WINDOW RECEPT.
<1> :	A	4.85		:	SEE DWG	9	10	SEE DWG	20 / 1P	1.00		LIGHTING CONTROL PANEL
<1> :	A		4.85	:	SEE DWG	11	12	SEE DWG	20 / 1P		1.20	STORE SIGNAGE
ICE MERCHANDISER	M	0.54		20 / 1P	SEE DWG	13	14	SEE DWG	20 / 1P	1.00		EW
BEV CASE #90 FAN	F	0.21		15 / 1P	SEE DWG	15	16	SEE DWG	20 / 1P	0.30		CHECKOUT PENDANT LTG
BEV CASE #90 LTG	L		0.35	20 / 1P	SEE DWG	17	18	SEE DWG	20 / 1P		0.36	STORAGE GFI RCP
BEV CASE #90 HTR	F	0.65		20 / 1P	SEE DWG	19	20	SEE DWG	20 / 1P	0.15		EF-1 & RESTROOM LIGHT
SAFE	M		0.18	20 / 1P	SEE DWG	21	22	SEE DWG	20 / 1P		0.15	EF-2 & STORAGE LIGHT
RECEPT.	R		0.18	20 / 1P	SEE DWG	23	24	SEE DWG	20 / 1P		0.72	CASH REGISTER
<1> UNIT LS-1	A	1.56		20 / 2P	SEE DWG	25	26	SEE DWG	20 / 1P	1.08		CASH REGISTER AND UPS
<1> :	A	1.56		:	SEE DWG	27	28	SEE DWG	20 / 1P	0.36		CRASH BAR
EW	M		1.00	20 / 2P	SEE DWG	29	30	SEE DWG	20 / 1P		0.18	BURGLAR ALARM
:	M	1.00		:	SEE DWG	31	32		20 / 1P			SPARE
SPARE				20 / 1P		33	34		20 / 1P			SPARE
SPARE				20 / 1P		35	36					SPACE
SPACE						37	38					SPACE
SPACE						39	40					SPACE
SPACE						41	42					SPACE

TOTAL CONNECTED LOAD: 32.4 **TOTAL DEMAND LOAD:** 33.2

LOAD TYPE (LT)	CONNECTED	FACTOR	DEMAND
LIGHTING	3.5	1.25	4.4
AIR CONDITIONING	17.7	1.00	17.7
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:	32.4	1.03	33.2

PANEL NOTES:

- <1> PROVIDE HACR CIRCUIT BREAKER
- <2> PROVIDE EQUIPMENT GROUND BUS.
- <3> PROVIDE BOLT-ON CIRCUIT BREAKER.
- <4> FULL SOLID NEUTRAL BUS.

A1 PANEL SCHEDULE
E-1 NTS

A4 RELAY SCHEDULES
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% DAY LIT SALES FLOOR LTG	C	4	LS-6b	50% DAY LIT 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 2HR OVERRIDE VIA SWITCH
B	50% SALES FLOOR LTG	MANUAL ON/SCHEDULE OFF. AFTER-HOURS VIA 2HR OVERRIDE VIA SWITCH
C	50% DAY-LIT SALES FLOOR LTG	MANUAL ON/SCHEDULE OFF. AFTER-HOURS VIA 2HR OVERRIDE VIA SWITCH
D	50% DAY-LIT SALES FLOOR LTG	MANUAL ON/SCHEDULE OFF. AFTER-HOURS VIA 2HR OVERRIDE VIA SWITCH
E	EXTERIOR SIGNAGE	SCHEDULE ON/OFF

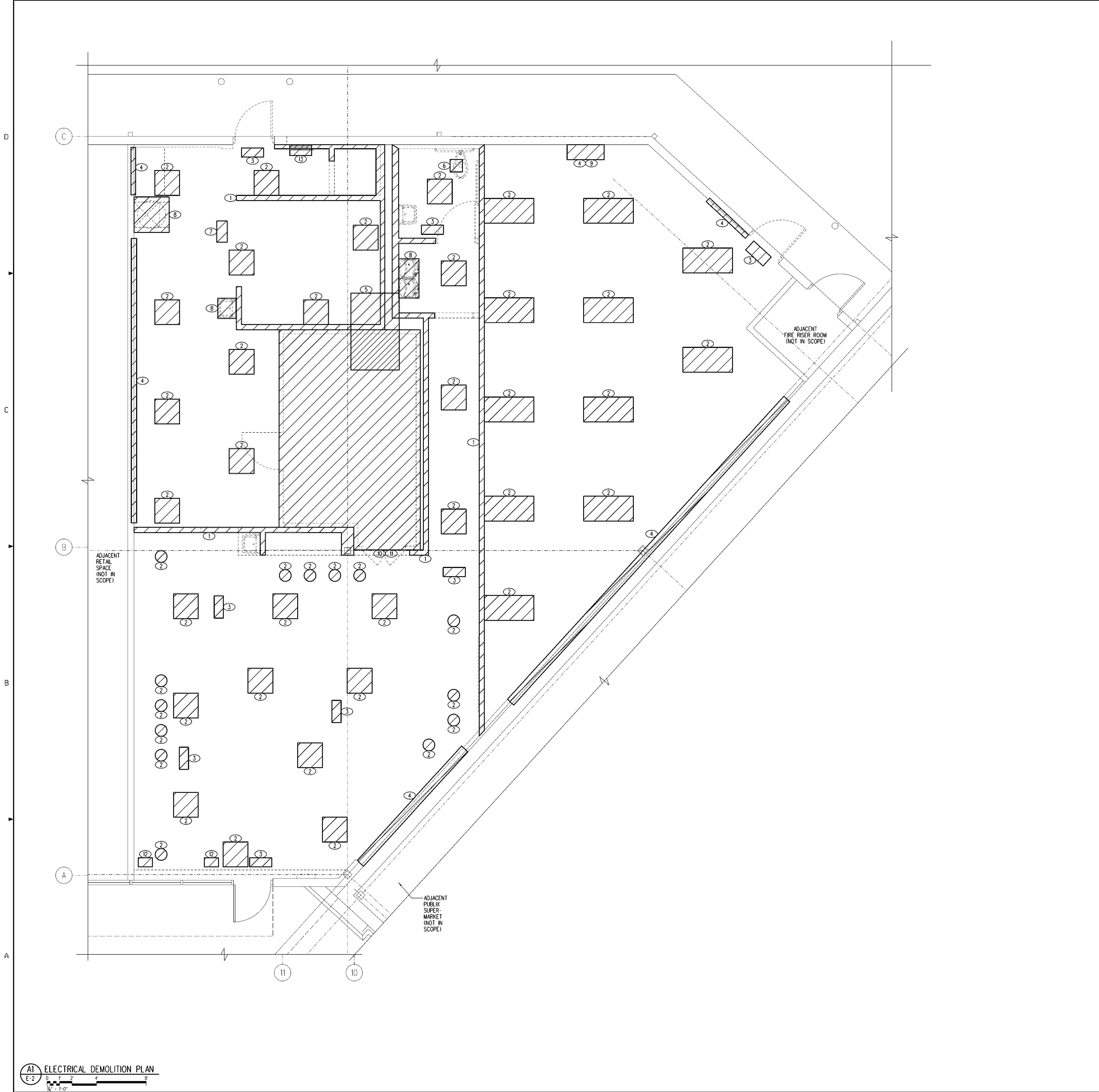
NOTE: CONTRACTOR SHALL PROVIDE ALL SYSTEM PROGRAMMING. CONFIRM ALL SCHEDULE ON/OFF TIMES WITH PUBLIX REPRESENTATIVE

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Key Plan:
 Jacobs Project No.: F6-W752-00-192LS
 Drawing Title:
 LEGEND, DETAILS, ABBREVIATIONS AND PANEL SCHEDULE
 Date: 02/15/23
 Designed By: G. CHIRINO
 Drawn By: G. CHIRINO
 Checked By: L. PEREZ
 Drawing No.:
E-1

PLAN 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 E-3 AND E-4 FOR MORE INFORMATION.
- 2 DISCONNECT EXISTING LIGHT FIXTURE FOR REMOVAL. REMOVE WIRE AND CONDUIT BACK TO SOURCE. REFER TO DWG E-3 FOR ADDITIONAL INFORMATION.
- 3 DISCONNECT EXISTING EXIT SIGN FOR REMOVAL. REMOVE WIRE AND CONDUIT BACK TO SOURCE. REFER TO DWG E-3 SHEET FOR ADDITIONAL INFORMATION.
- 4 DISCONNECT EXISTING RECEPTACLE(S) AND ELECTRICAL DEVICES ON WALL FOR REMOVAL/RELOCATION. RETAIN CIRCUIT FOR REUSE, AS APPLICABLE. REFER TO DWG E-3 AND E-4 FOR ADDITIONAL INFORMATION.
- 5 DISCONNECT EXISTING ROOF TOP AC UNIT FOR REMOVAL. REMOVE WIRE AND CONDUIT BACK TO SOURCE, OR TO REMAIN AS NEEDED. REFER TO DWG E-5 FOR ADDITIONAL INFORMATION.
- 6 DISCONNECT EXISTING EXHAUST FAN FOR REMOVAL. REMOVE WIRE AND CONDUIT BACK TO SOURCE, OR TO REMAIN AS NEEDED. REFER TO DWG E-3 FOR ADDITIONAL INFORMATION.
- 7 DISCONNECT EXISTING EMERGENCY BATTERY WALLPACK FOR REMOVAL. REMOVE WIRE AND CONDUIT BACK TO SOURCE. REFER TO DWG E-3 FOR ADDITIONAL INFORMATION.
- 8 DISCONNECT EXISTING EQUIPMENT FOR REMOVAL. RETAIN CIRCUIT AND CONDUIT FOR REUSE, AS APPLICABLE OR REMOVE BACK TO SOURCE. REFER TO DWG E-4 FOR ADDITIONAL INFORMATION.
- 9 DISCONNECT EXISTING TRANSFORMER FOR REMOVAL. CONTRACTOR TO VERIFY EXISTING TRANSFORMER IS A SPARE BEFORE REMOVAL.
- 10 DISCONNECT EXISTING WALK-IN COOLER/FREEZER FOR REMOVAL. DISCONNECT EXISTING FAN COIL IN WALK-IN COOLER/FREEZER FOR REMOVAL. DISCONNECT EXISTING RECEPTACLE/J-BOX AND ALL ASSOCIATED DEVICES FOR REMOVAL AND REMOVE BACK TO SOURCE. REFER DWG. E-4 FOR ADDITIONAL INFORMATION.
- 11 DISCONNECT EXISTING COOLER/FREEZER LIGHT FIXTURE AND ASSOCIATED SWITCH FOR REMOVAL. RETAIN CIRCUIT IN THE GENERAL AREA FOR REUSE, AS APPLICABLE, OR REMOVE BACK TO SOURCE. REFER TO DWG. E-3 FOR ADDITIONAL INFORMATION.
- 12 DISCONNECT EXISTING CEILING RECEPTACLE FOR RELOCATION. RETAIN CIRCUIT FOR REUSE. REFER TO DWG E-4 FOR ADDITIONAL INFORMATION.
- 13 DISCONNECT EXISTING PANEL FOR REMOVAL. RETAIN CIRCUIT AND CONDUIT FOR REUSE, AS APPLICABLE. REFER TO DWG E-4 FOR ADDITIONAL INFORMATION.



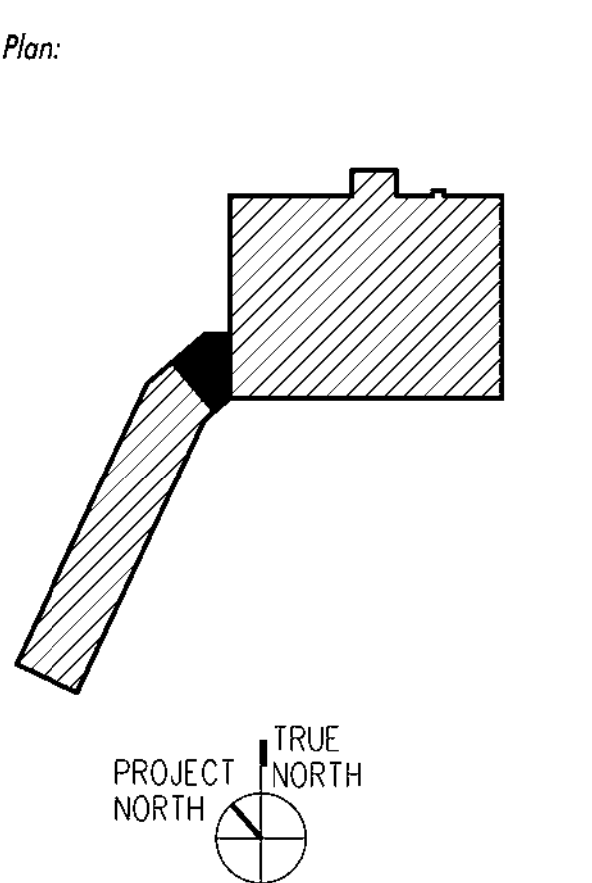
GENERAL DEMOLITION NOTES:

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

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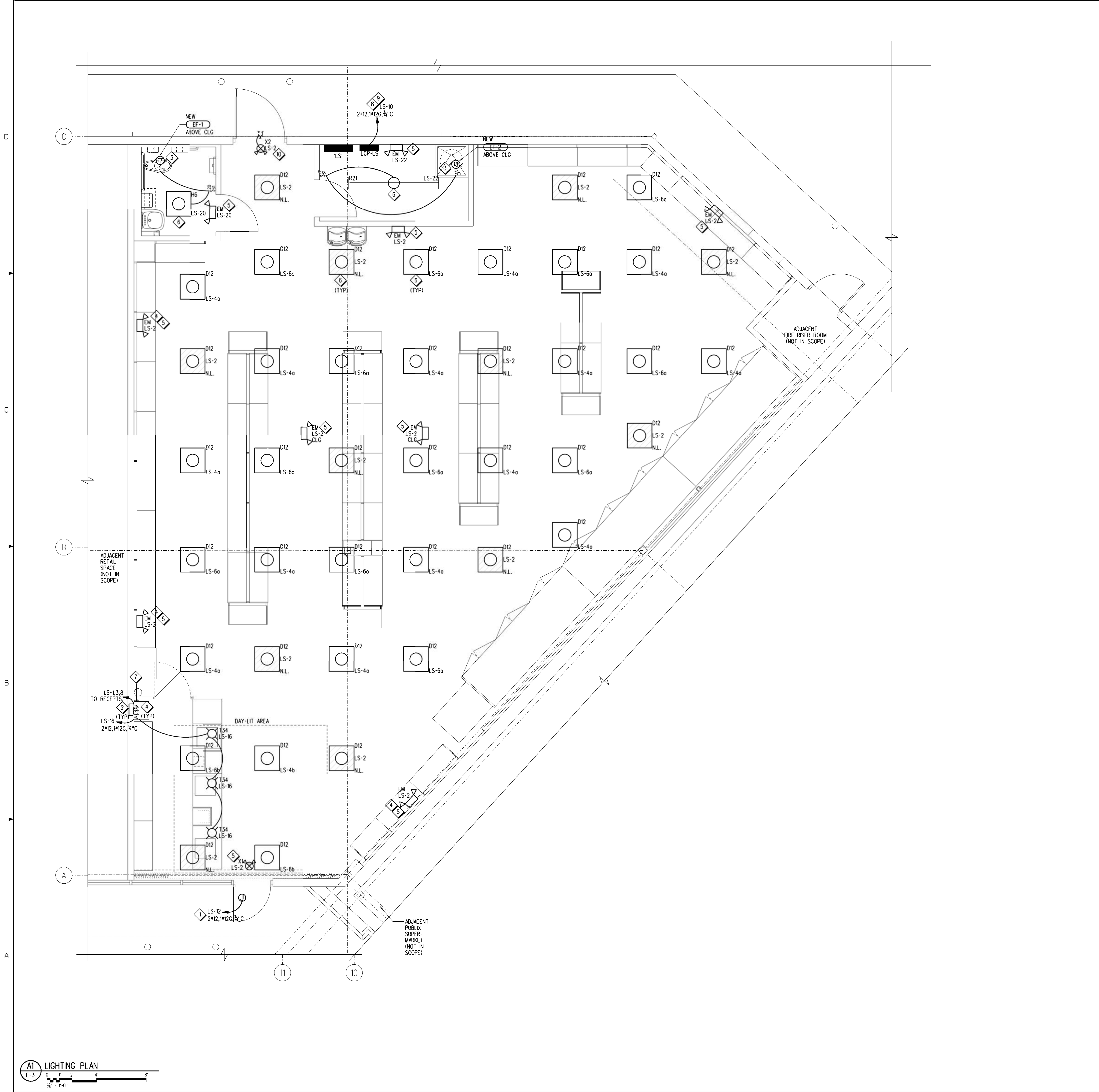
Jacobs Project No.: F6-W752-00-192LS
Drawing Title:

ELECTRICAL DEMOLITION PLAN

Date: 02/15/23
Designed By: C. CHIRINO
Drawn By: C. CHIRINO
Checked By: L. PEREZ
Drawing No.: **E-2**

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 RECEPICLES. REFER TO A/E-4 FOR CONTINUATION OF CIRCUIT.
- 3 CONNECT NEW EXHAUST FAN TO NEW CIRCUIT SHOWN. REFER TO DWG CS/E-1 FOR EXHAUST FAN WIRING DIAGRAM.
- 4 PROVIDE AND INSTALL SPEC SEAL ELECTRICAL BOX INSERT (EP441) OR APPROVED EQUIVALENT IN JUNCTION BOX, FOR CONDUIT OR PIPE PENETRATIONS IN STUD-FRAMED TENANT SEPARATION WALL. REFER TO FIRESTOP DETAIL AA/A-5.
- 5 INSTALL NEW 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 CIRCUIT SHOWN IF APPLICABLE. ROUTE CIRCUIT VIA LIGHTING CONTROL PANEL. REFER TO AA/E-1 FOR LIGHTING CONTROL PANEL RELAY INFORMATION.
- 7 PROVIDE 4-BUTTON LOW VOLTAGE WHITE, MOMENTARY SWITCH FOR LIGHTING CONTROL. HUBBELL BUILDING AUTOMATION #LVSL4NPHM. PROVIDE 3" x 6" 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
- 8 REFER TO LIGHTING CONTROL PANEL RELAY SCHEDULES ON SHEET E-1 FOR RELAY PROGRAMMABLE REQUIREMENTS. VERIFY ALL CONTROL BEHAVIORS WITH PUBLIX REPRESENTATIVE.
- 9 PROVIDE SURFACE MOUNTED LIGHTING CONTROL PANEL WITH 8 INDEPENDENTLY PROGRAMMABLE RELAYS. HUBBELL BUILDING AUTOMATION #X0825083LM. REFER TO LIGHTING CONTROL PANEL RELAY SCHEDULES ON SHEET E-1 FOR RELAY PROGRAMMABLE REQUIREMENTS. VERIFY ALL CONTROL BEHAVIORS WITH PUBLIX REPRESENTATIVE.
- 10 INSTALL NEW EXIT SIGN AND CONNECT TO CIRCUIT SHOWN. MOUNT LIGHT FIXTURE ABOVE AND CENTERED ON DOOR. CONNECT TO EXIT SIGN SHOWN FOR NORMAL AND EMERGENCY OPERATION PER MANUFACTURER GUIDELINES.



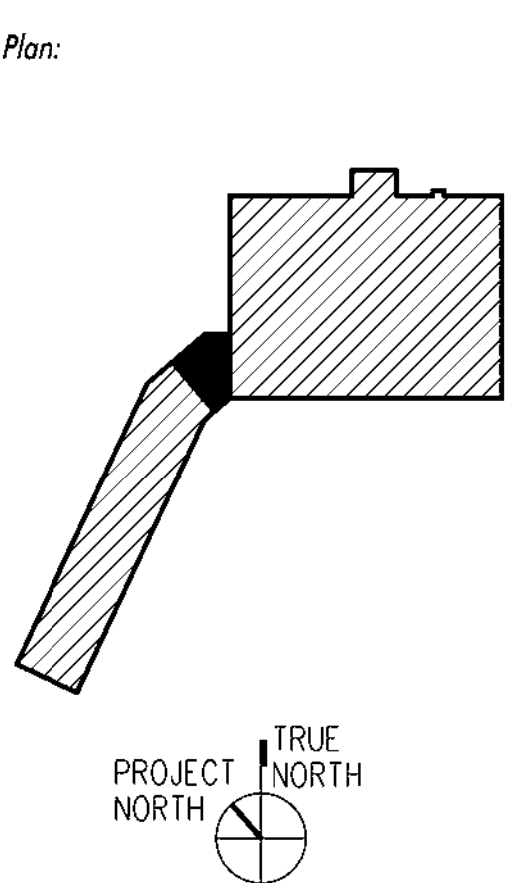
GENERAL NOTES:

- 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 C408.5.1.1, C408.5.1.2 AND/OR C408.5.1.3. 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.

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Jacobs Project No.: F6-W752-00-192LS
Drawing Title:

LIGHTING PLAN

Date: 02/15/23
Designed By: C. CHIRINO
Drawn By: C. CHIRINO
Checked By: L. PEREZ

PLAN NOTES:

- 1 ELECTRICAL CONTRACTOR SHALL ROUTE CASH REGISTER AND LOTTO MACHINE CIRCUITS VIA NEW UPS PROVIDED BY PUBLIX LOCATED UNDER COUNTER.
- 2 COORDINATE EXACT LOCATION AND MOUNTING HEIGHT OF ALL CUSTOMER SERVICE DEVICES WITH MILLWORK AND PUBLIX REPRESENTATIVE. DEVICES SHALL BE MOUNTED ON MILL WORK ADJACENT TO EQUIPMENT BEING SERVED.
- 3 ROUTE WIRE AND CONDUIT VIA MILLWORK.
- 4 PROVIDE AND INSTALL SPEC SEAL ELECTRICAL BOX INSERT (EP41) 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 SECURITY GATE WITH RECEPTACLE FACING INTO THE LIQUOR STORE. CONNECT TO EXISTING CIRCUIT SHOWN. EXTEND WIRE AND CONDUIT AS REQUIRED.
- 6 CONTRACTOR SHALL PROVIDE AND INSTALL DELAYED EGRESS CRASH BAR AND PROVIDE CONNECTION TO THE RETAIL PLAZA FIRE ALARM CONTROL PANEL. CONFIRM ALARM MONITORING OF RETAIL SPACE ON SITE OR THROUGH OWNER'S REPRESENTATIVE AND COORDINATE CONNECTION WITH 3RD PARTY MONITORING WHERE APPLICABLE.
- 7 PROVIDE JUNCTION BOX FOR NEW BURGLAR ALARM PANEL. COORDINATE EXACT MOUNTING HEIGHT, LOCATION AND POWER REQUIREMENTS WITH EQUIPMENT SUPPLIER.
- 8 INSTALL NEW/RELOCATED RECEPTACLES 90" A.F.F. AND CONNECT SWITCH TO CONTROL RECEPTACLES. REFER TO DWG E-3 FOR SWITCH LOCATION. COORDINATE WITH GONDOLA SUPPLIER FOR EXACT MOUNTING HEIGHT.
- 9 REFER TO C4/E-1 FOR WATER COOLER RECEPTACLE INSTALLATION DETAIL.
- 10 INSTALL RELOCATED WATER HEATER AND DISCONNECT AT NEW LOCATION SHOWN. EXTEND WIRE AND CONDUIT AS REQUIRED OR PROVIDE NEW.
- 11 INSTALL NEW NEMA3R SERVICE-RATED DISCONNECT SWITCH ON THE EXTERIOR WALL OF THE LIQUOR STORE, AS SHOWN. NO MAIN BONDING JUMPER TO BE INSTALLED. REFER TO D4/E-1 FOR ADDITIONAL INFORMATION.
- 12 RUN NEW WIRE AND CONDUIT ALONG REAR EXTERIOR WALL INTO THE MAIN PUBLIX SWITCHBOARD. INSTALL NEW PANEL AND PROVIDE A NEW LABEL PANEL LS FOR THIS DEVICE ON THE MDP AS REQUIRED. MATCH MANUFACTURER, TYPE AND RATING OF EXISTING MDP BREAKER. REFER TO D4/E-1 FOR ADDITIONAL INFORMATION.

GENERAL NOTES:

- A. ALL CIRCUITS SHALL BE 2#12, #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-3 FOR LIGHTING SPECIFICS.
- E. REFER TO DRAWINGS R-2 AND W-2 FOR ROOFTOP CONDENSER LOCATIONS.
- F. THE FOLLOWING ARE THE ONLY APPROVED MULTI-CONDUCTOR CABLES, NO SUBSTITUTIONS ALLOWED:

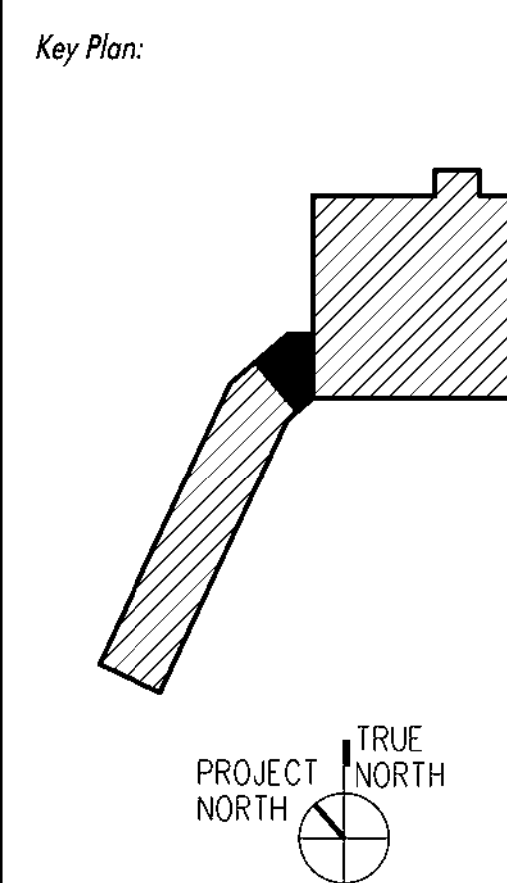
MANUFACTURER	2/C#18 SH.	4/C#18 SH.	2/C#22 SH.
ALPHA	#2421C	#2424C	#2461C
BELDEN	#8760	#9418	#9451
ECC	#1830B	#1834B	
- G. DASHED SYMBOL DENOTES EXISTING EQUIPMENT TO REMAIN.
- H. ALL INSTALLED CIRCUITS REQUIRE AN EQUIPMENT GROUND CONDUCTOR REGARDLESS OF WIRE COUNT SHOWN ON DRAWING.
- I. ISOLATED GROUND CIRCUITS ARE TO BE IN ADDITION TO EQUIPMENT GROUND CONDUCTOR AND SHALL BE CONNECTED TO AN ISOLATED GROUND BUS IN ITS RESPECTIVE PANEL.
- J. ELECTRICAL CONTRACTORS INSTALLATION TO MEET ALL APPLICABLE CODES AND THE VERSION OF THE N.E.C. ADOPTED BY THE A.H.J.
- K. CONTRACTOR TO PROVIDE BREAKER HANDLE TIES FOR ALL CIRCUITS UTILIZING SHARED NEUTRAL TO COMPLY WITH NFPA 70 SECTION 210.4.
- L. ALL RECEPTACLES SERVED BY GFCI CIRCUIT BREAKER SHALL HAVE A "GFCI PROTECTED" LABEL AFFIXED TO THE COVER PLATE. (LABEL SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR)
- M. NO WIREWAYS, GUTTERS, TROUGHS, ETC. PERMITTED.
- N. ELECTRICAL CONTRACTOR'S INSTALLATION TO MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC) SECTION C405.5.3 FOR VOLTAGE DROP.
- P. ELECTRICAL CONTRACTOR TO PROVIDE OWNER WITH RECORD DRAWINGS AND OPERATING AND MAINTENANCE MANUALS (CLOSE OUT BOOK) PER SPECIFICATION SECTION 017100 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
 - RECEPTACLES
 - F/A PULL STATIONS
 - F/A HORNS OR STROBES
 - VOLUME CONTROLS
 - TELECOM DEVICES
- T. CONTRACTOR SHALL COORD. WITH ALL OTHER TRADES TO AVOID CONFLICT WHERE MULTIPLE DEVICES ARE TO BE INSTALLED PRIOR TO ROUGH-IN. COORDINATION SHALL INCLUDE BREAKS OR CHANGES IN WALL TREATMENT (FRP, SEAMS, TILE, PAINT, STAINLESS STEEL, OR PLYWOOD EDGES, ETC.), BACK SPLASHES, DECORATIVE OR PROTECTIVE FINISHES AND DOOR OR WINDOW FRAMES, ETC.
- U. ALL WALKER DUCT RUNS SHALL HAVE INSERTS AT 12" O.C.



ELECTRICAL ENGINEER OF RECORD
NAME: LEO G. PEREZ, P.E.
REGISTRATION: FLORIDA REG. #FE617331

Revision:
Date: By: Description:

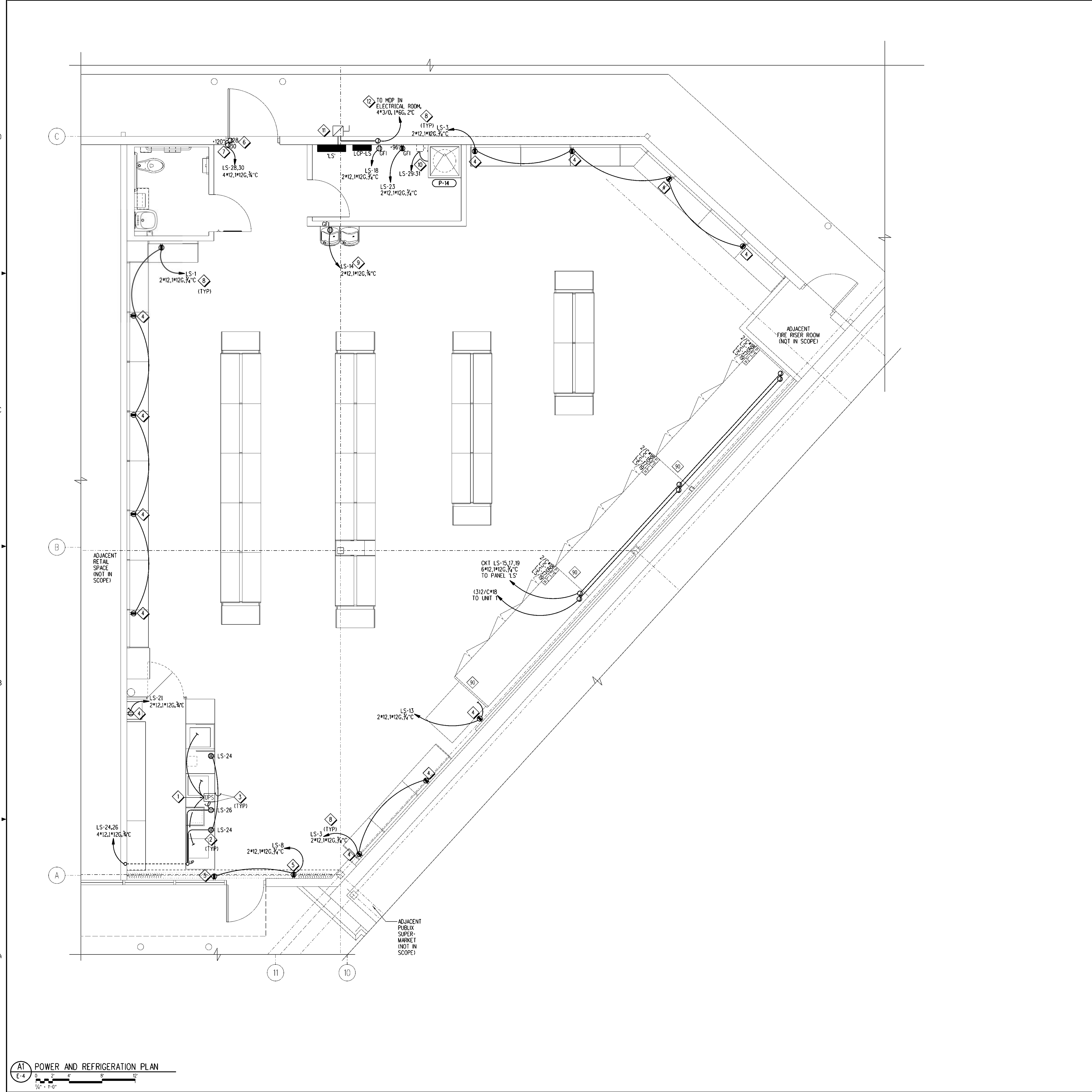
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Jacobs Project No.: F6-W752-00-192LS
Drawing Title:

POWER AND REFRIGERATION PLAN

Date: 02/15/23
Designed By: G. CHRNO
Drawn By: G. CHRNO
Checked By: L. PEREZ
Drawing No.:
E-4



POWER AND REFRIGERATION PLAN
Scale: 1/4" = 1'-0"

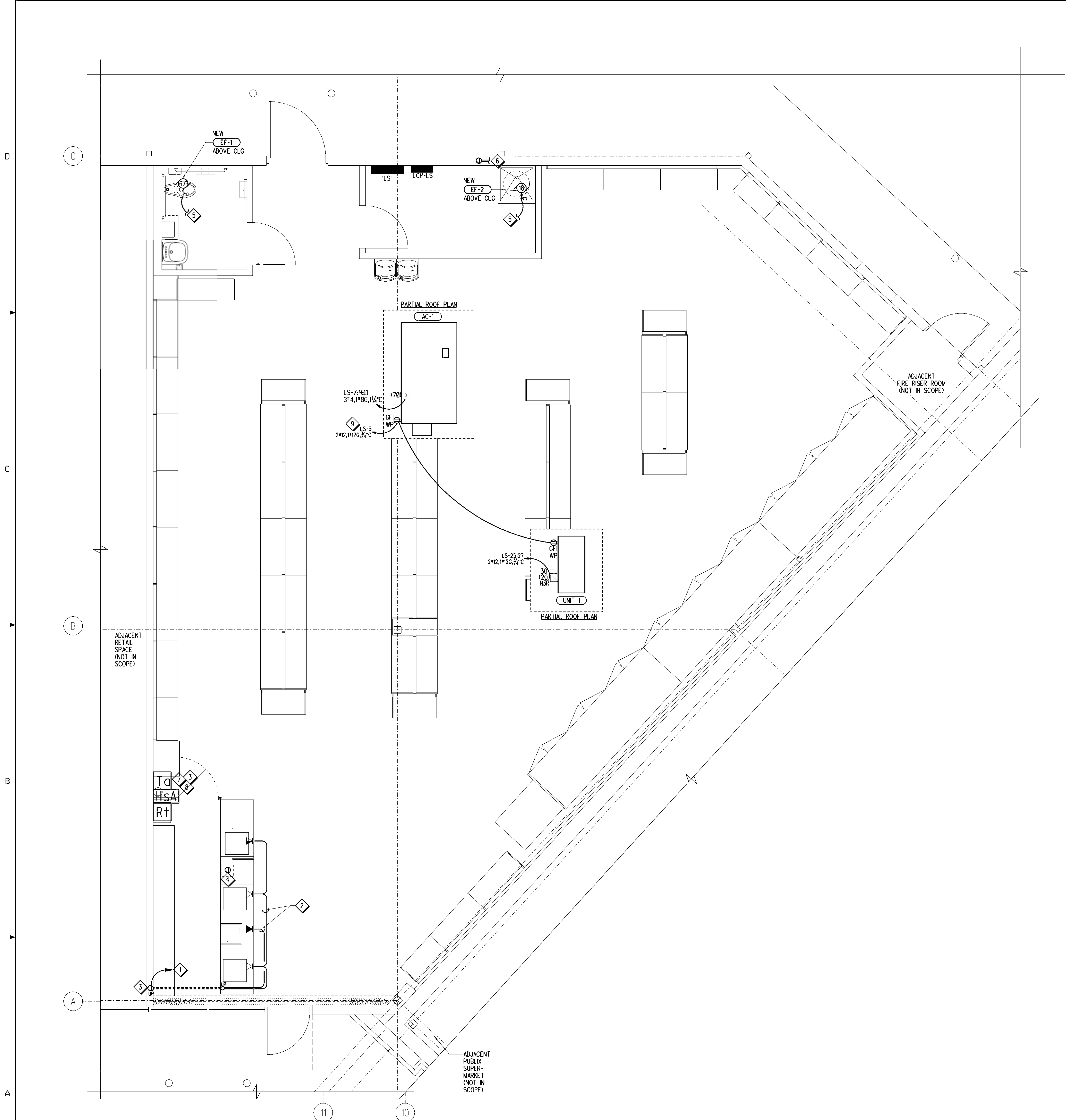
ELECTRICAL ENGINEER OF RECORD
NAME: LEO G. PEREZ, P.E.
REGISTRATION: FLORIDA REG. #PE07331

Seal

Revision:
Date: By: Description:

PLAN NOTES:

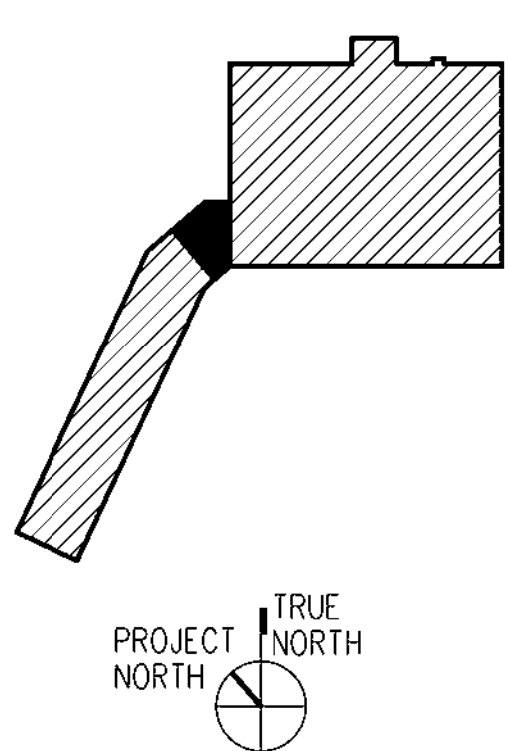
1. INSTALL (2) 2" CONDUITS FOR COMMUNICATIONS CABLING TO RUN ABOVE CEILING TO STORAGE ROOM. SEE KEYNOTE #6.
2. ROUTE WIRE AND CONDUIT VIA MILLWORK.
3. PROVIDE AND INSTALL SPEC. SEAL ELECTRICAL BOX INSERT (EP44) OR APPROVED EQUIVALENT IN JUNCTION BOX FOR CONDUIT OR PIPE PENETRATIONS IN MASONRY WALL. REFER TO FIRESTOP DETAIL A1/A-5.
4. CONTRACTOR TO PROVIDE J-BOX WITH CONDUIT RUN TO CEILING SPEAKERS. CONSULT PUBLIX ONSITE REP FOR LOCATION.
5. REFER TO DWG E-3 FOR CONTINUATION OF CIRCUIT.
6. INSTALL (2) 2" CONDUITS WITH PULL STRING FROM LIQUOR STORE TO COM 'A' INSIDE PUBLIX. COORDINATE LOCATION OF CONDUIT PENETRATION INTO THE MAIN STORE WITH PUBLIX REPRESENTATIVE. REFER TO C1/A-4 FOR ADDITIONAL INFORMATION.
7. PROVIDE 3/4" C. STUBBED UP INTO CEILING SPACE FOR A/C CONTROL WIRES. COORDINATE EXACT LOCATION WITH PUBLIX REPRESENTATIVE.
8. INSTALL NEW THERMOSTAT/HUMIDISTAT AND COORDINATE EXACT CONTROL WIRE REQUIREMENTS WITH MANUFACTURER'S INSTRUCTIONS.
9. INSTALL NEW RECEPTACLE ON ASSOCIATED EQUIPMENT AND CONNECT TO NEW CIRCUIT SHOWN. EXTEND EXISTING WIRE AND CONDUIT OR PROVIDE NEW AS NEEDED.



GENERAL NOTES:

- A. THE FOLLOWING ARE THE ONLY APPROVED MULTI-CONDUCTOR CABLES. NO SUBSTITUTIONS ALLOWED:
- | VENDOR | 2/C #18SH | 4/C #18SH | 3/C #22SH | 2/C #24SH |
|--------|-----------|-----------|-----------|-----------|
| ALPHA | #242C | #2424C | #2403C | #2400C |
| BELDEN | #8760 | #948B | #8771 | #8641 |
| CAROL | | | #C2526 | #C2513 |
| EEC | #1830B | #1834B | | |
- B. MARK EACH END OF ALL CABLES AND WIRES USING DESIGNATED PLAN SYMBOLS AND LABELS. MARKERS SHALL BE PERMANENT STYLE. EVERYTHING MUST BE LABELED. EACH CABLE END SHALL BE 8 FT. LONG AFTER ENTERING TERMINATION CABINET.
- C. ALL CIRCUITS SHALL BE #12 AWG UNLESS OTHERWISE NOTED.
- D. UNLESS OTHERWISE NOTED ALL SWITCHES AND MANUAL MOTOR STARTERS ON ROOF SHALL BE HEAVY DUTY, NEMA 3R RATED.
- E. BEFORE INSTALLING ANY NEW EQUIPMENT, CONTRACTOR SHALL VERIFY CLEARANCE REQUIREMENTS PER NEC.
- F. REFER TO DWG E-1, M-1 AND R-1 FOR ELECTRICAL EQUIPMENT SIZES AND REQUIREMENTS.
- G. ALL MULTI-CONDUCTOR CABLE IS LOW VOLTAGE. ALL #14 IS HIGH VOLTAGE. DO NOT MIX HIGH AND LOW VOLTAGE IN SAME CONDUIT.
- H. DO NOT SPLICE MULTI-CONDUCTOR CABLE.
- I. THE DRAWING IS INTENDED AS A SCHEMATIC REPRESENTATION AND THE CONTRACTOR IS TO REFER TO DWG E-4 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.

Key Plan:



Jacobs Project No.: F6-W752-00-192LS
Drawing Title:

COMMUNICATIONS AND ROOF POWER PLANS

Date: 02/15/23
Designed By: G. CHRNO
Drawn By: G. CHRNO
Checked By: L. PEREZ
Drawing No.:
E-5

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

- NOTES: 1. ELECTRIC HEATING ELEMENTS SHALL HAVE NON-RESETTABLE FUSIBLE LINK SAFETY CONTROLS, AIRFLOW SWITCH, AND SHALL BE UL LISTED. 2. UNIT FURNISHED BY OWNER AND INSTALLED BY MECHANICAL CONTRACTOR. UNIT TO BE SUPPLIED BY LENNOX (800) 367-6285. 3. UNIT SHALL BE FURNISHED WITH NEMA 3R RATED FACTORY MOUNTED FUSED DISCONNECT. 4. UNIT TO BE PROVIDED WITH FACTORY INSTALLED HUMIDITROL OPTION AND MANUFACTURER'S HUMIDISTAT AND TEMPERATURE SENSOR. 5. PROVIDE 2 POSITION MOTORIZED OA DAMPER WITH A 24V ACTUATOR. DAMPER SHALL CLOSE DURING THE UNOCCUPIED MODE. 6. 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 (334) 283-6578. SEE DETAILS C4 AND C5, SHEET M-1. 7. CURB ADAPTER TO BE INSTALLED BY MANUFACTURER RECOMMENDATIONS. 8. UNIT TO BE PROVIDED WITH A FACTORY INSTALLED OVERFLOW DETECTION DEVICE THAT WILL ENABLE UNIT SHUTDOWN.

AC DUCT COLLAR TRANSITION SCHEDULE table with columns: UNIT, SUPPLY, RETURN, SUPPLY, RETURN. Values for AC-1: 20x18, 29x11, 20", 18".

- NOTES: 1. VERIFY EXISTING DIMENSIONS PRIOR TO FABRICATING TRANSITIONS.

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

- NOTES: 1. PROVIDE BUILT-IN OVERLOAD PROTECTION FOR MOTOR. 2. PROVIDE ROUND DUCT CONNECTOR WITH BUILT IN BACKDRAFT DAMPER. 3. FAN SHALL BE INTERLOCKED WITH LIGHT SWITCH.

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

- NOTES: 1. NECK SIZE SHALL MATCH SIZE AND CONFIGURATION OF CONNECTED DUCTWORK INDICATED ON PLAN DRAWINGS. 2. PROVIDE UNIT WITH OPPOSED BLADE DAMPER (RECTANGULAR NECK) OR BUTTERFLY DAMPER (ROUND NECK). 3. PROVIDE BLANKOFF PLATE FOR 5750 MODEL DIFFUSER DEPICTED WITH DIRECTIONAL ARROWS. 4. PROVIDE SQUARE TO ROUND ADAPTER.

AIR CONDITIONING NOTES

- A. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS. B. COORDINATE DIFFUSER AND REGISTER LOCATIONS WITH ELECTRICAL LIGHTING LAYOUT AND ARCHITECTURAL CEILING PLANS. C. LOCATE THERMOSTATS AT 8'-0" AFF UNLESS OTHERWISE NOTED. D. 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 LINDAE. E. INSIDES OF DUCT VISIBLE THROUGH GRILLES, REGISTERS, OR DIFFUSERS SHALL BE PAINTED FLAT BLACK WITH PAINT THAT COMPLIES WITH NFPA 90A 2015. F. SEAL ALL OPENINGS THROUGH ROOF AND EXTERIOR WALLS WATER TIGHT. G. FURNISH AND INSTALL MANUAL BALANCING DAMPER AT EACH BRANCH DUCT AND AT LOCATIONS INDICATED ON THE DRAWINGS. H. ALL EQUIPMENT AND DUCTWORK BELOW 6'-10" AFF SHALL BE SAFETY STRIPED AND SHARP EDGES PADDED, ACCORDING TO OSHA REQUIREMENTS. I. COORDINATE LOCATION OF ALL NEW ROOFTOP EQUIPMENT WITH STRUCTURAL DRAWINGS. J. CURB/CURB ADAPTOR SUPPLIER SHALL REFERENCE SHEETS R-1 AND R-2 FOR MORE INFORMATION REGARDING SUPPORT PLATFORM FOR REFRIGERATION UNIT. K. ALL DUCTWORK, DUCT SEALS, AND DUCTWORK ACCESSORIES TO COMPLY WITH 2020 FLORIDA BUILDING CODE - MECHANICAL 7TH ED.

AREAS OF HORIZONTAL RUNS BY TRADE

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

- ELECTRICAL: FROM BOTTOM OF ROOF DECK TO 32" BELOW ROOF DECK. REFRIGERATION: 32" TO 36" BELOW ROOF DECK. FIRE SPRINKLER: 8" ABOVE CEILING (NOT TO CONFLICT W/LIGHT FIXTURES) AND IN OPEN AREAS JUST ABOVE BOTTOM OF BAR JOISTS. AIR CONDITIONING: 36" BELOW ROOF DECK TO 10" ABOVE CEILING AND IN OPEN AREAS TIGHT TO BOTTOM OF BAR JOISTS AND BEAMS.

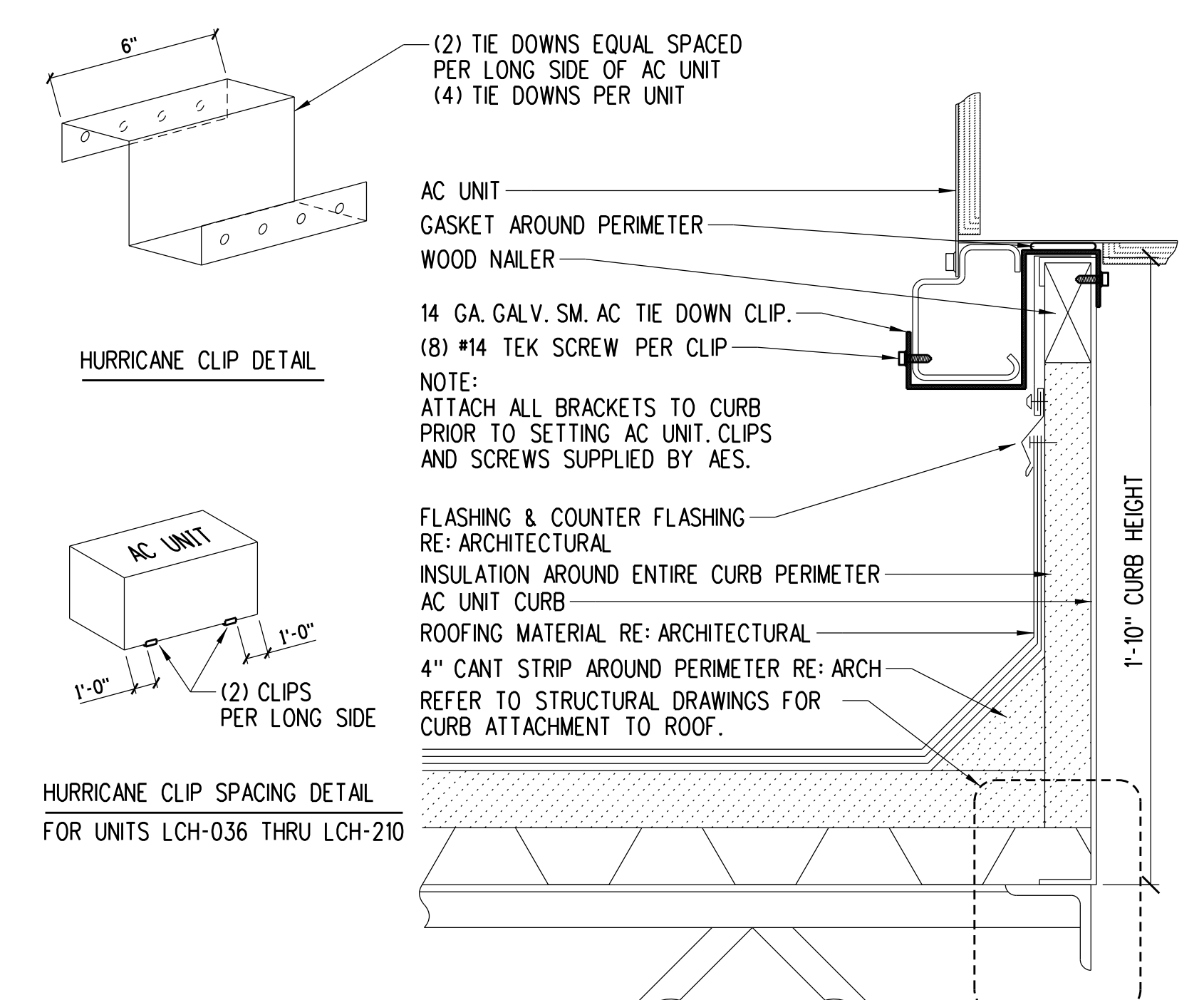
IN SOME CASES DEVIATION MAY BE REQUIRED. IT IS EXPECTED THAT ALL TRADES WILL WORK WITHIN THESE SPACES. ANY DEVIATION MUST BE AGREED UPON BY THE JOB SUPERINTENDENT AND/OR A OWNER REPRESENTATIVE.

AIR BALANCE CALCULATIONS table with columns: TAG, AREA SERVED, STATUS, SUPPLY CFM, OUTSIDE CFM, RETURN CFM. Includes sub-totals for EXHAUST FAN SECTION and VITAL STATISTICS.

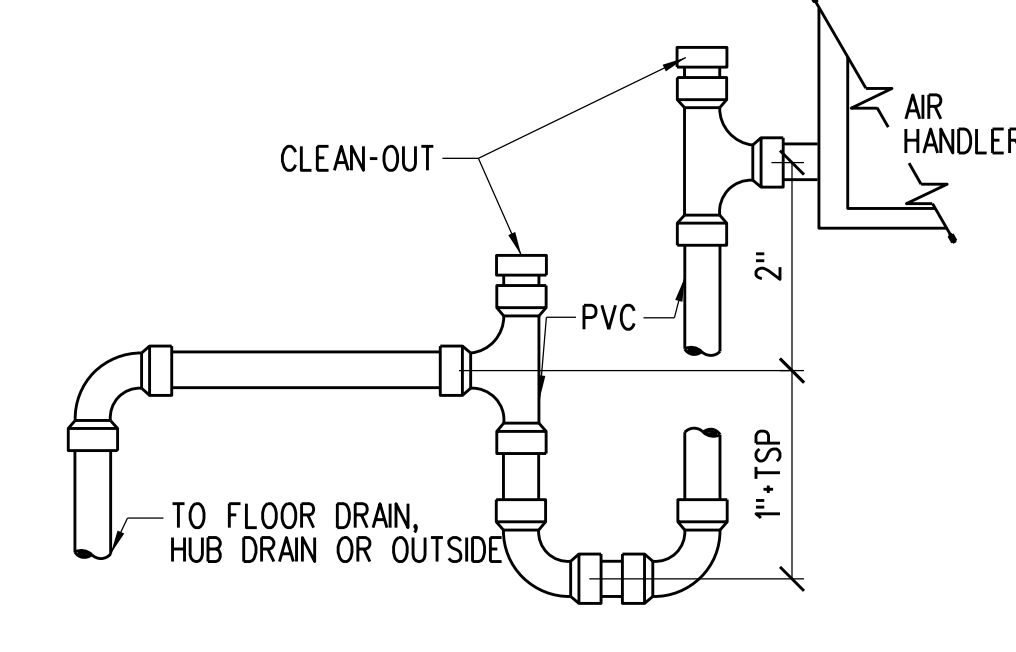
- NOTES: 1. THE CFM QUANTITIES LISTED FOR THE EXISTING AC UNITS ARE BASED ON ACTUAL DESIGN REQUIREMENTS. IT IS THE INTENT OF THIS RENOVATION PROJECT TO HAVE ALL UNITS OPERATE AT OR WITHIN 10% OF THEIR DESIGN CFM QUANTITY. CONTRACTOR SHALL NOTIFY PUBlix OF ALL EXISTING AC UNIT MALFUNCTIONS BEFORE THE FINAL TEST AND BALANCE IS PERFORMED AT PROJECT COMPLETION. 2. 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. (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.

HVAC LEGEND

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



C4 LENNOX UNIT CURB INSTALLATION DETAIL M-1 NOT TO SCALE

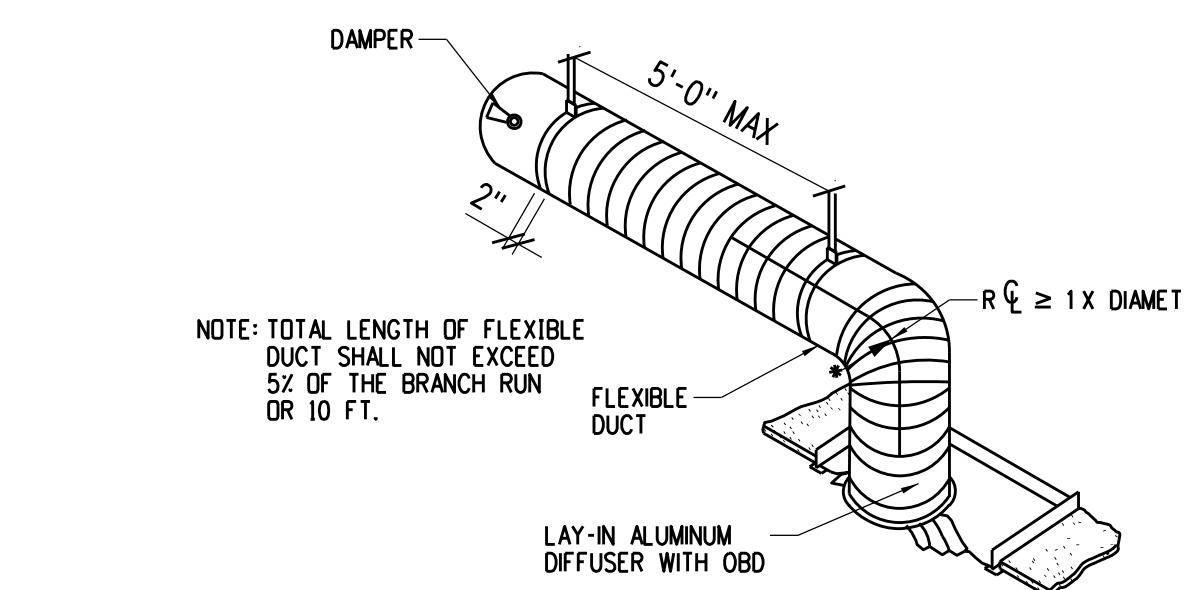


C5 TYPICAL AC CONDENSATE DRAIN M-1 NOT TO SCALE

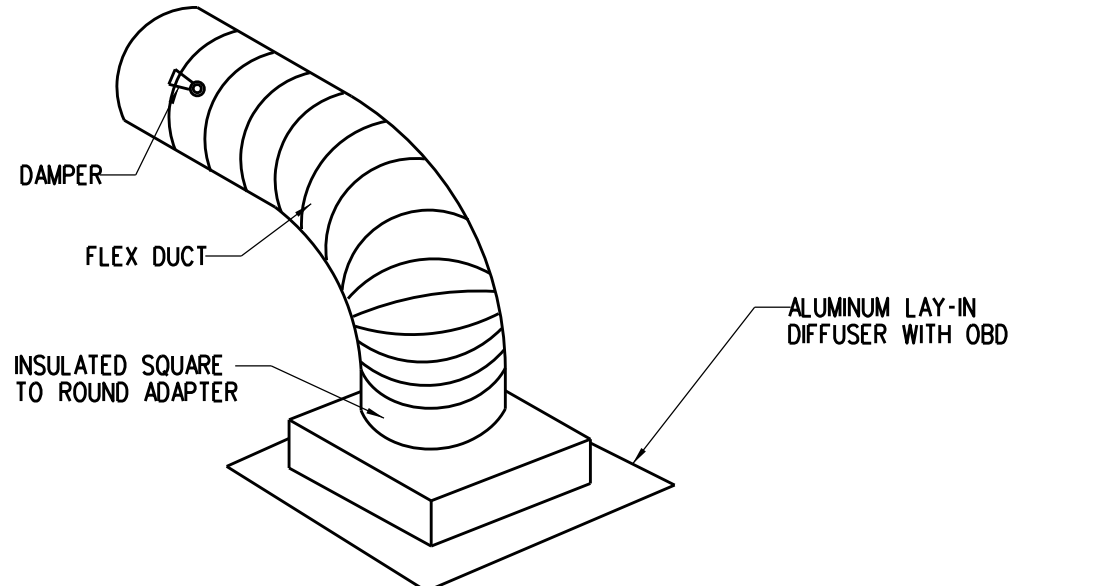
C1 NOT USED M-1 NOT TO SCALE

C2 NOT USED M-1 NOT TO SCALE

C3 NOT USED M-1 NOT TO SCALE



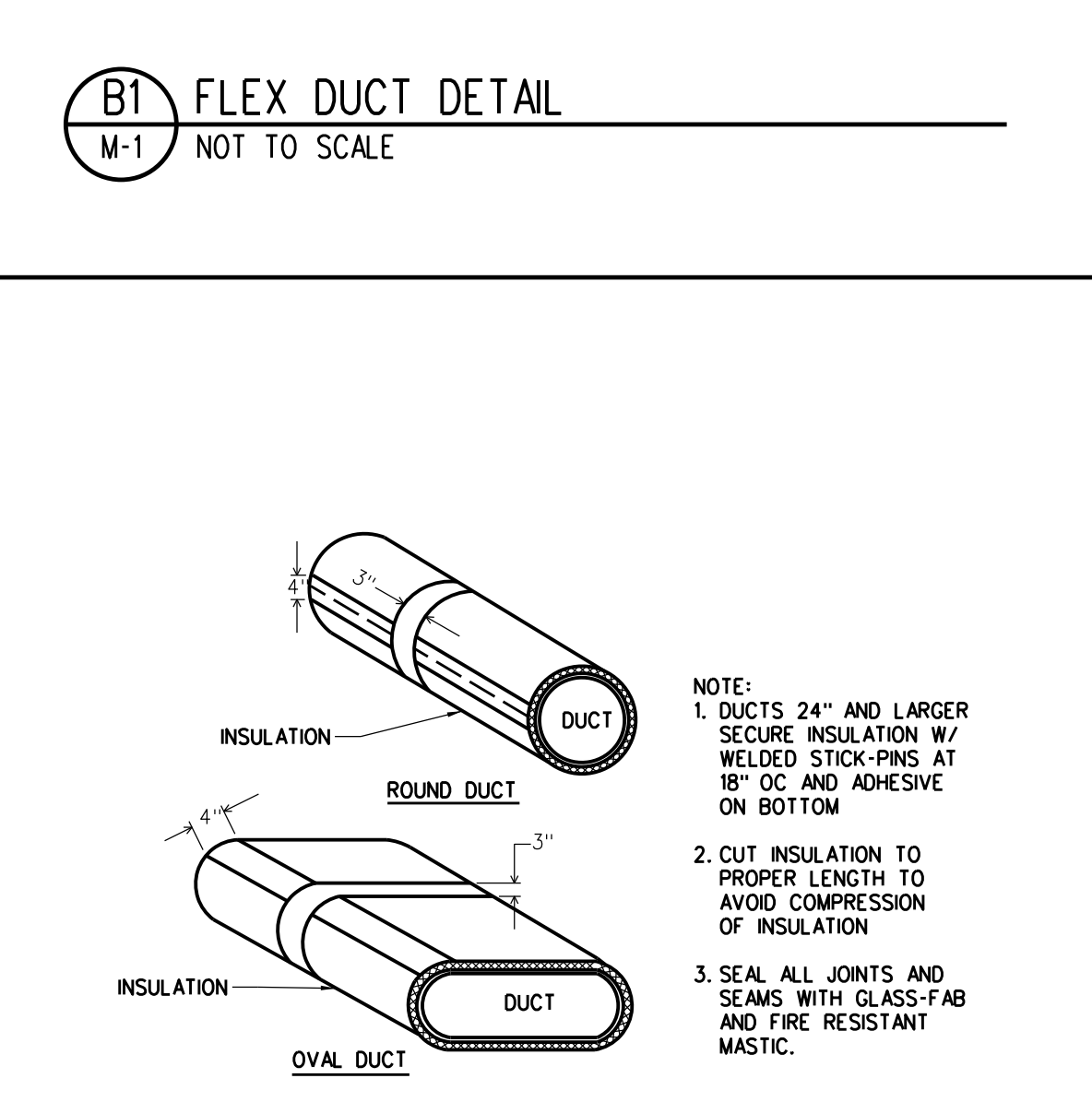
B1 FLEX DUCT DETAIL M-1 NOT TO SCALE



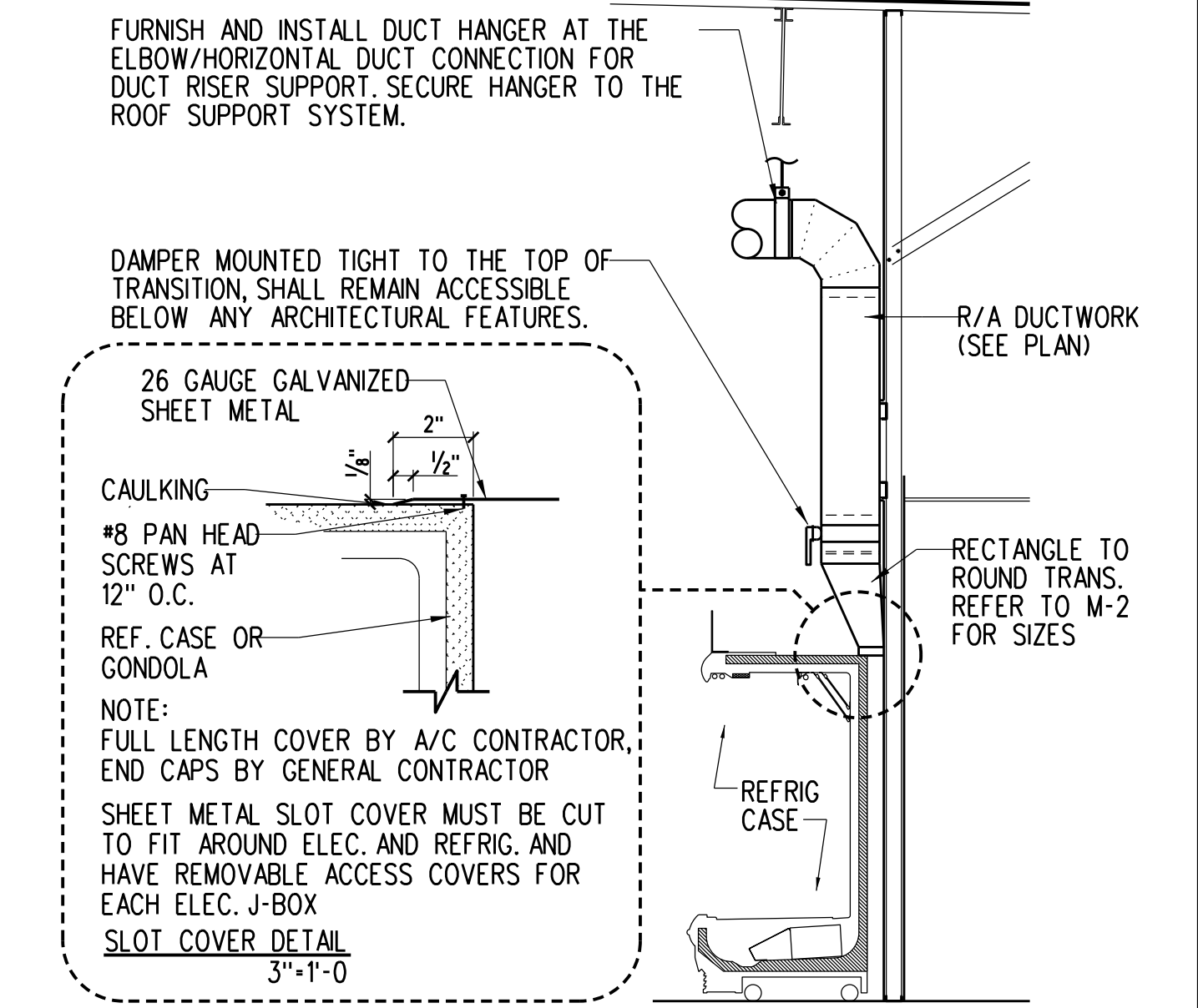
B2 SQUARE TO ROUND ADAPTER DETAIL M-1 NOT TO SCALE

DUCT HANGERS table with columns: DUCT DIAMETER, ROUND HANGERS, STRAP HANGERS, MAXIMUM SPACING, No OF HANGER. Includes notes on hanger installation and materials.

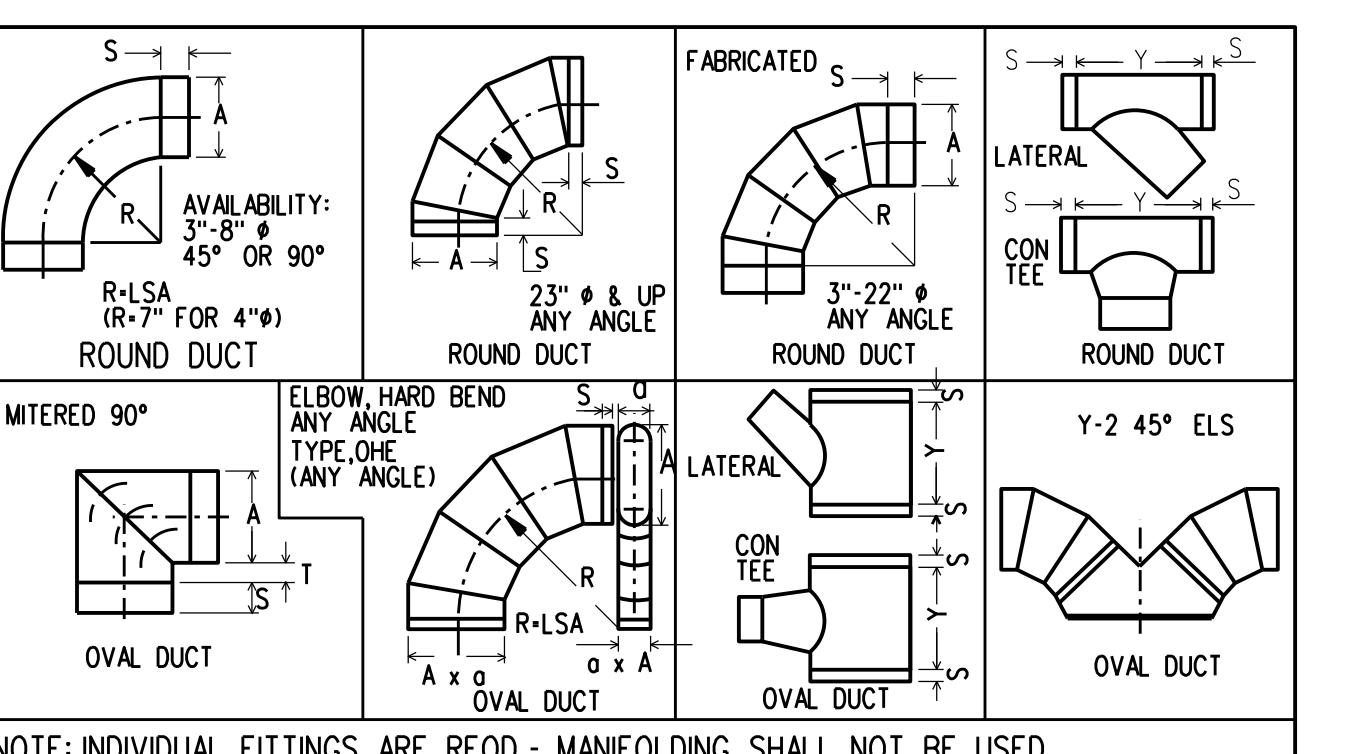
B3 HANGERS FOR ROUND DUCT M-1 NOT TO SCALE



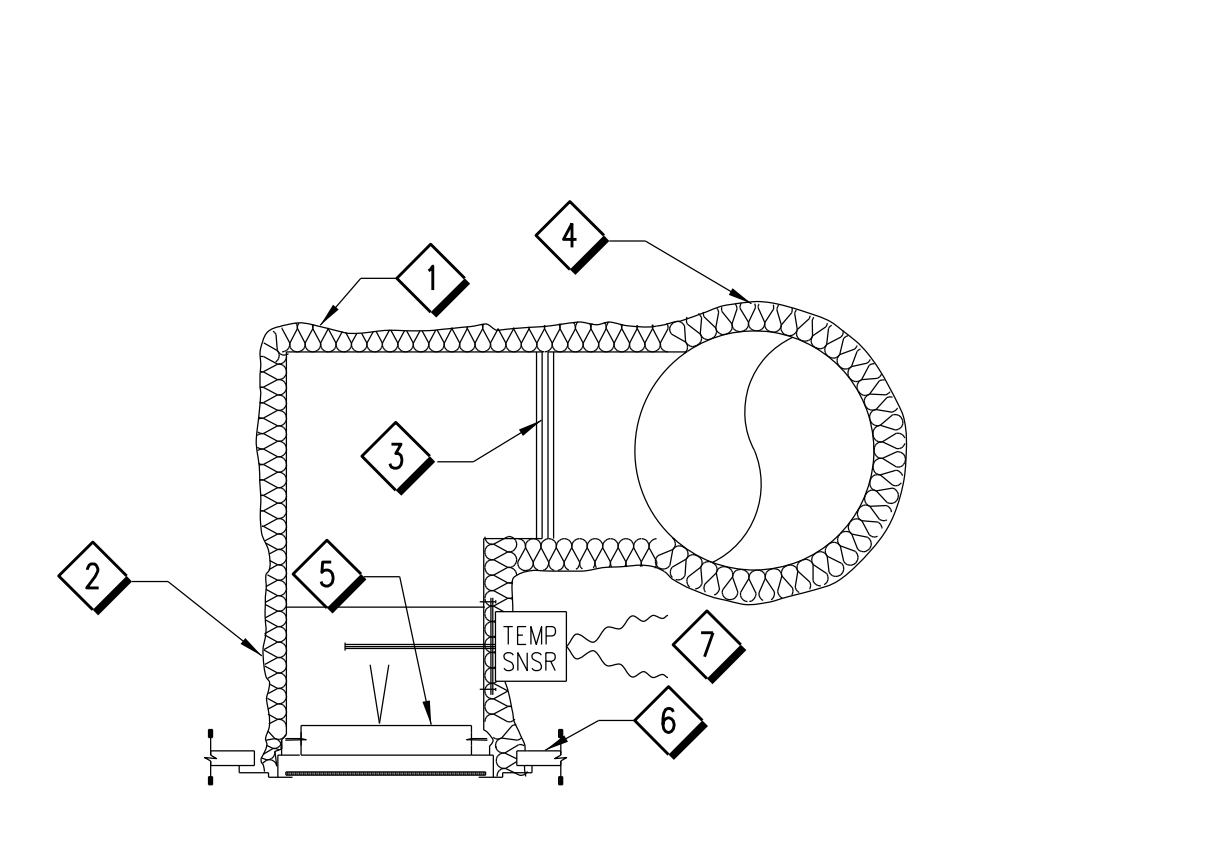
A1 TYPICAL DUCT WRAPPING DETAIL M-1 NOT TO SCALE



A2 WALL REFRIGERATED CASE RETURN M-1 NOT TO SCALE

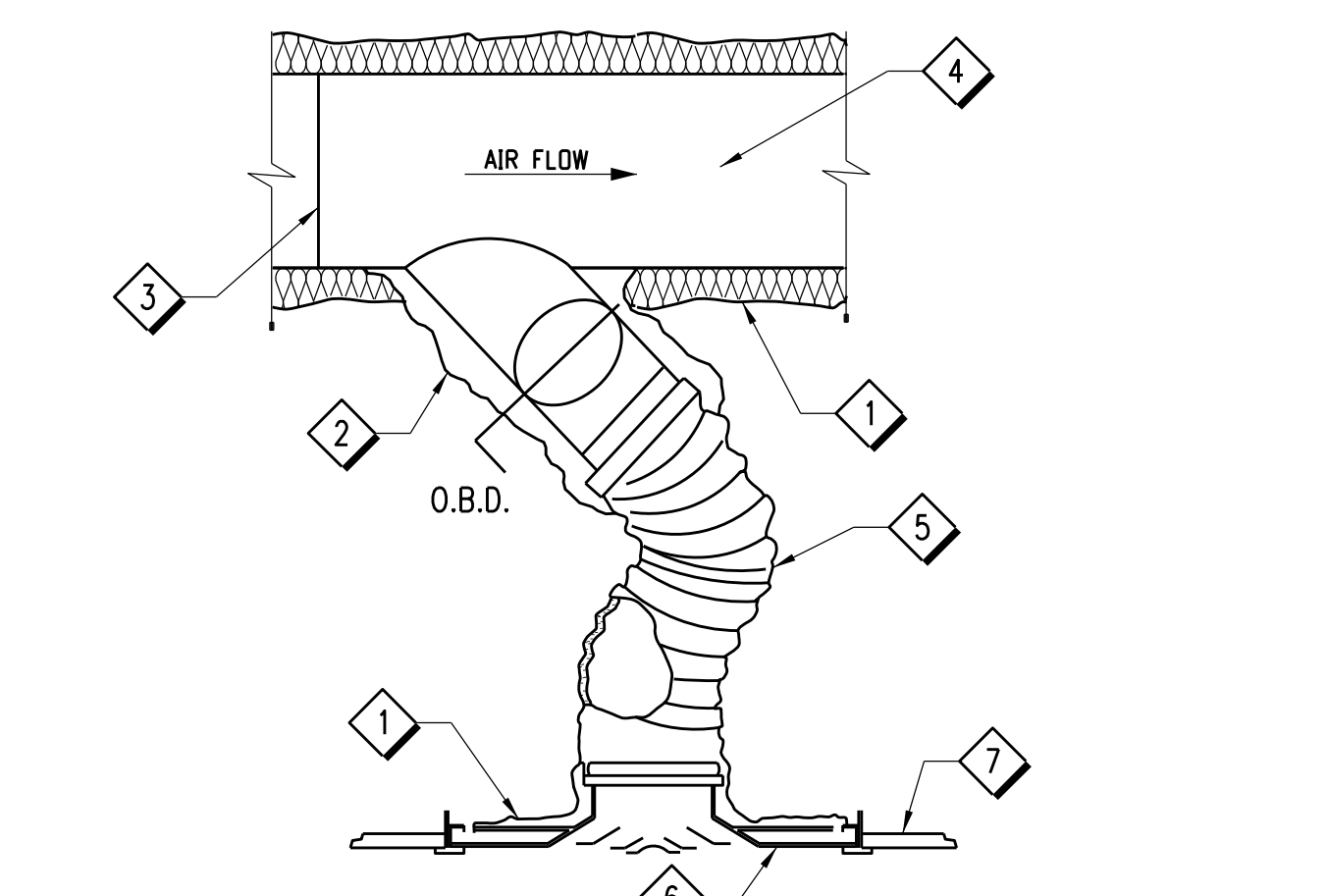


A3 TYPICAL DUCT FITTING M-1 NOT TO SCALE



- 1 FOIL BACK FIBERGLASS INSULATION, WRAP COMPLETELY AROUND TRUNK DUCT DROP AND GRILLE AS SHOWN, TAPE AND STAPLE PER SPECS AND DUCT WRAPPING DETAIL. 2 SEAL ALL SEAMS AROUND CONNECTION WITH GLASS-FAB AND MASTIC. 3 SEAL ALL DUCT JOINTS AND SEAMS AS PER WRAPPING DETAIL. PAINT SMOOTH AND FILL ALL PIN HOLES ON ALL CONNECTIONS. 4 ALL DUCTS SHALL BE SUPPORTED IN AN APPROVED MANNER, REFER TO TABLE AND DETAIL. 5 FOUR (4) #8x1/2" SHEET METAL DRILL SCREWS AS MANUFACTURED BY DURO-DYNE IBM CODE NUMBER 1400-4 OR APPROVED EQUAL, TYPICAL EACH POINT OF CONNECTION. 6 SEE ARCHITECTURAL PLANS FOR CEILING TYPE. 7 CPC TEMP SENSOR MODEL # 201-212, FURNISHED BY PUBlix, INSTALLED BY MECHANICAL CONTRACTOR & WIRED BY ELECTRICAL CONTRACTOR (APPLICABLE IF INDICATED ON M-2).

A4 RETURN AIR REGISTER DETAIL M-1 NOT TO SCALE



- 1 FOIL BACK FIBERGLASS INSULATION, WRAP COMPLETELY AROUND TRUNK DUCT DROP AND GRILLE AS SHOWN, TAPE AND STAPLE PER SPECS AND DUCT WRAPPING DETAIL. 2 SEAL ALL SEAMS AROUND CONNECTION WITH GLASS-FAB AND MASTIC. 3 SEAL ALL DUCT JOINTS AND SEAMS AS PER WRAPPING DETAIL. PAINT SMOOTH AND FILL ALL PIN HOLES ON ALL CONNECTIONS. 4 ALL DUCTS SHALL BE SUPPORTED IN AN APPROVED MANNER, REFER TO TABLE AND DETAIL. 5 FLEXIBLE DUCT, THERMOFIB A-300, ALUMINUM LINER WITH VAPOR BARRIER OVER FACTORY INSULATION. 6 SEE M-1 AIR DEVICE SCHEDULE AND M-2 FOR DIFFUSER TYPE. 7 SEE ARCHITECTURAL PLANS FOR CEILING TYPE.

A5 LAY-IN DIFFUSER DETAIL M-1 NOT TO SCALE

MECHANICAL ENGINEER OF RECORD
NAME: KEVIN T. CHANG, P.E.
REGISTRATION: FLORIDA REG. #F685410

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Revision: Date By Description

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Key Plan:

Jacobs Project No.: F6-W752-00-192L5

Drawing Title:

HVAC SCHEDULES AND DETAILS

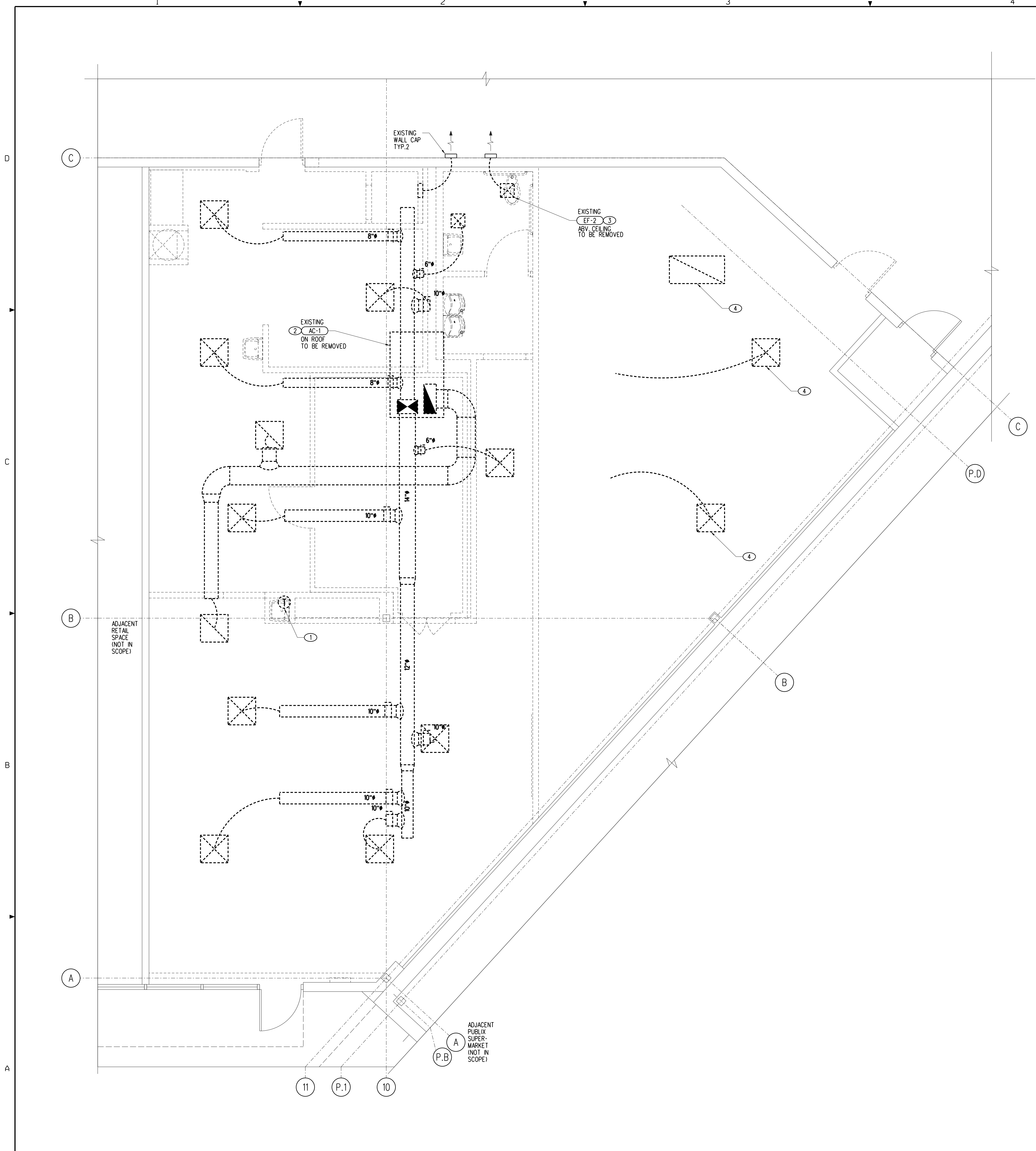
Date: 02/15/23

Designed By: C CALDE
Drawn By: C CALDE
Checked By: K CHANG

Drawing No.: M-1

DEMOLITION NOTES:

- ① REMOVE EXISTING THERMOSTAT.
- ② REMOVE EXISTING ROOFTOP AC UNIT, DUCT TRANSITION, DUCTWORK AND AIR DEVICES. CONDENSATE PIPING TO REMAIN FOR REUSE.
- ③ REMOVE EXISTING EXHAUST AIR DEVICE AND DUCTWORK. EXISTING WALL CAP TO REMAIN FOR REUSE.
- ④ REMOVE EXISTING AIR DEVICE AND ANY DUCTWORK.



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

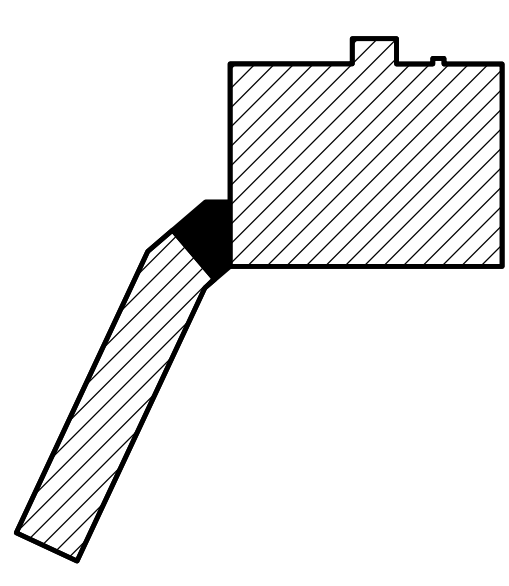
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Key Plan:



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

Jacobs Project No.: F6-W752-00-192L5
Drawing Title:

HVAC DEMOLITION PLAN

Date: 02/15/23
Designed By: C CALDI E
Drawn By: C CALDI E
Checked By: K CHANG

SHEET NOTES:

- 1 PROVIDE NEW FLEX DUCT, FLEX DUCT TAKEOFF, AND SUPPLY DIFFUSER. SEE DETAILS 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 ON EXISTING CURB. SEE AC AND COLLAR SCHEDULES ON SHEET M-1 AND DETAILS C4 AND C5, SHEET M-1.
- 5 NEW RETURN/EXHAUST AIR REGISTER, SEE DETAILS A4 AND B2, SHEET M-1.
- 6 NEW EXHAUST FAN MOUNTED PER MANUFACTURER'S RECOMMENDATIONS. SEE SCHEDULE ON SHEET M-1 FOR FAN SPECIFICATIONS.
- 7 NEW INDIVIDUAL UNIT MOUNTED ON NEW EQUIPMENT PLATFORM CURB PROVIDED BY AES INDUSTRIES. (334) 283-6578. REFER TO REFRIGERATION SCHEDULE SHEET, R-1, FOR CONDENSING UNIT MODEL NUMBER, AND COORDINATE WITH AES INDUSTRIES TO PROVIDE CORRESPONDING CURB. FIELD VERIFY LOCATION. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR APPROVAL OF PLATFORM CURB PRIOR TO START OF ANY ROOF WORK.
- 8 PROVIDE 1" UNDERCUT IN DOOR.
- 9 CONNECT NEW CONDENSATE DRAIN DRAIN ON ROOF TO EXISTING CONDENSATE DRAIN LINE. SEE DETAIL C5, SHEET M-1.
- 10 INSTALL NEW DUCT MOUNTED SMOKE DETECTORS.
- 11 PROVIDE AND INSTALL MANUFACTURER'S REMOTE TEST STATION FOR DUCT MOUNTED SMOKE DETECTOR.

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
- NEW REMOTE TEST STATION
- NEW SMOKE DETECTOR

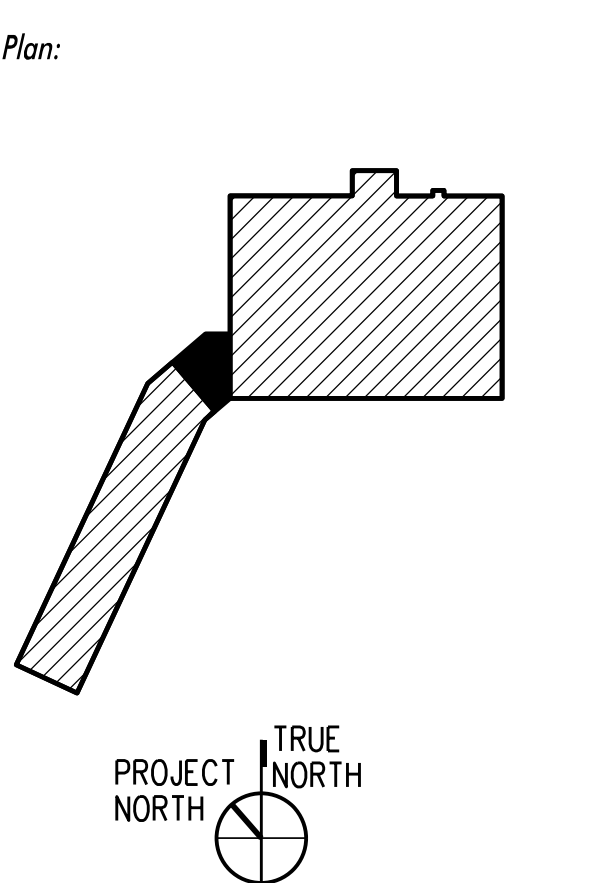
GENERAL NOTES:

- 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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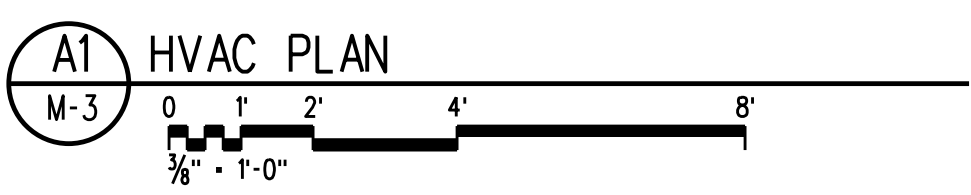
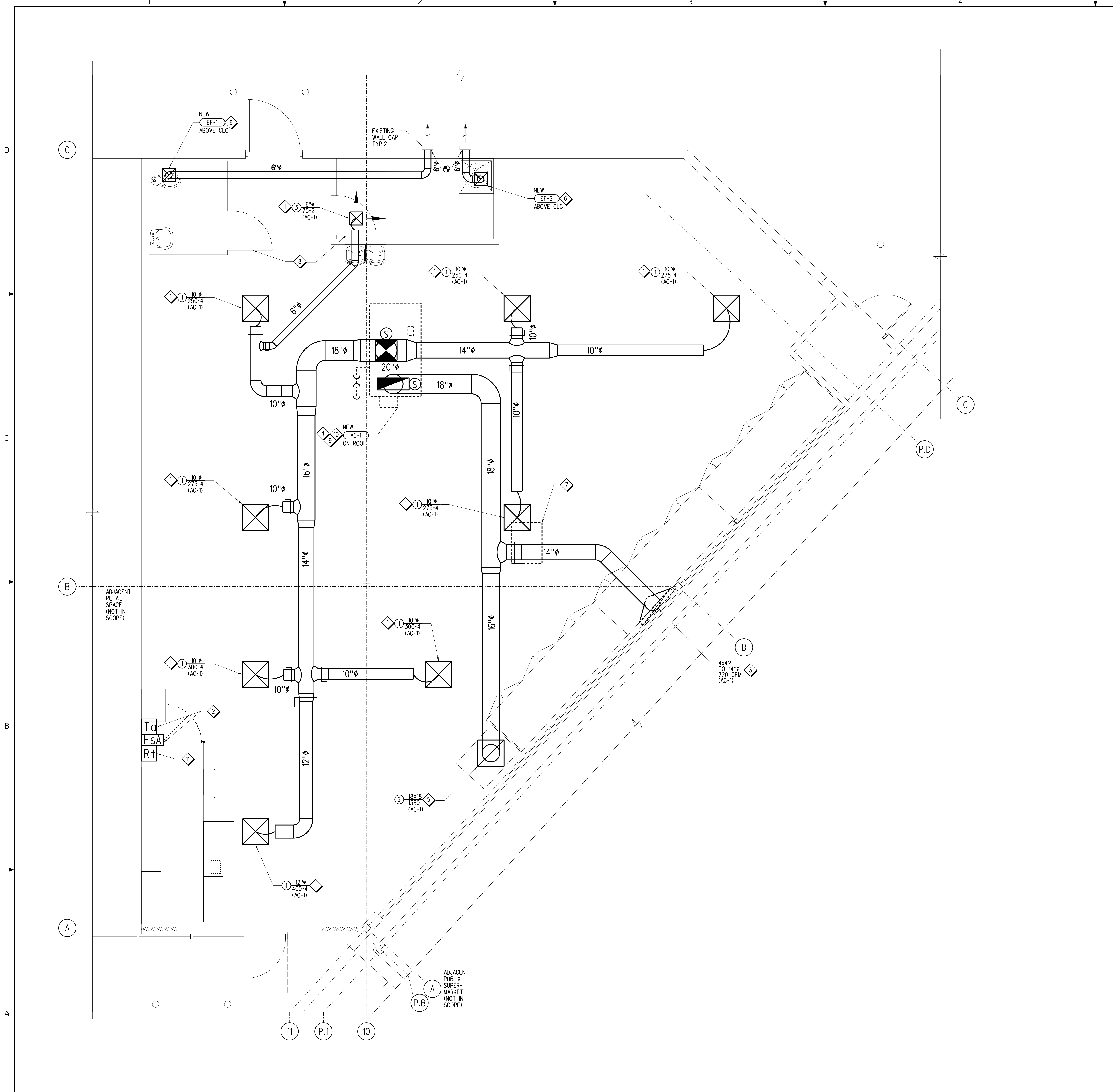
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Jacobs Project No.: F6-W752-00-192L5
Drawing Title:

HVAC PLAN

Date: 02/15/23
Designed By: C CALDIE
Drawn By: C CALDIE
Checked By: K CHANG



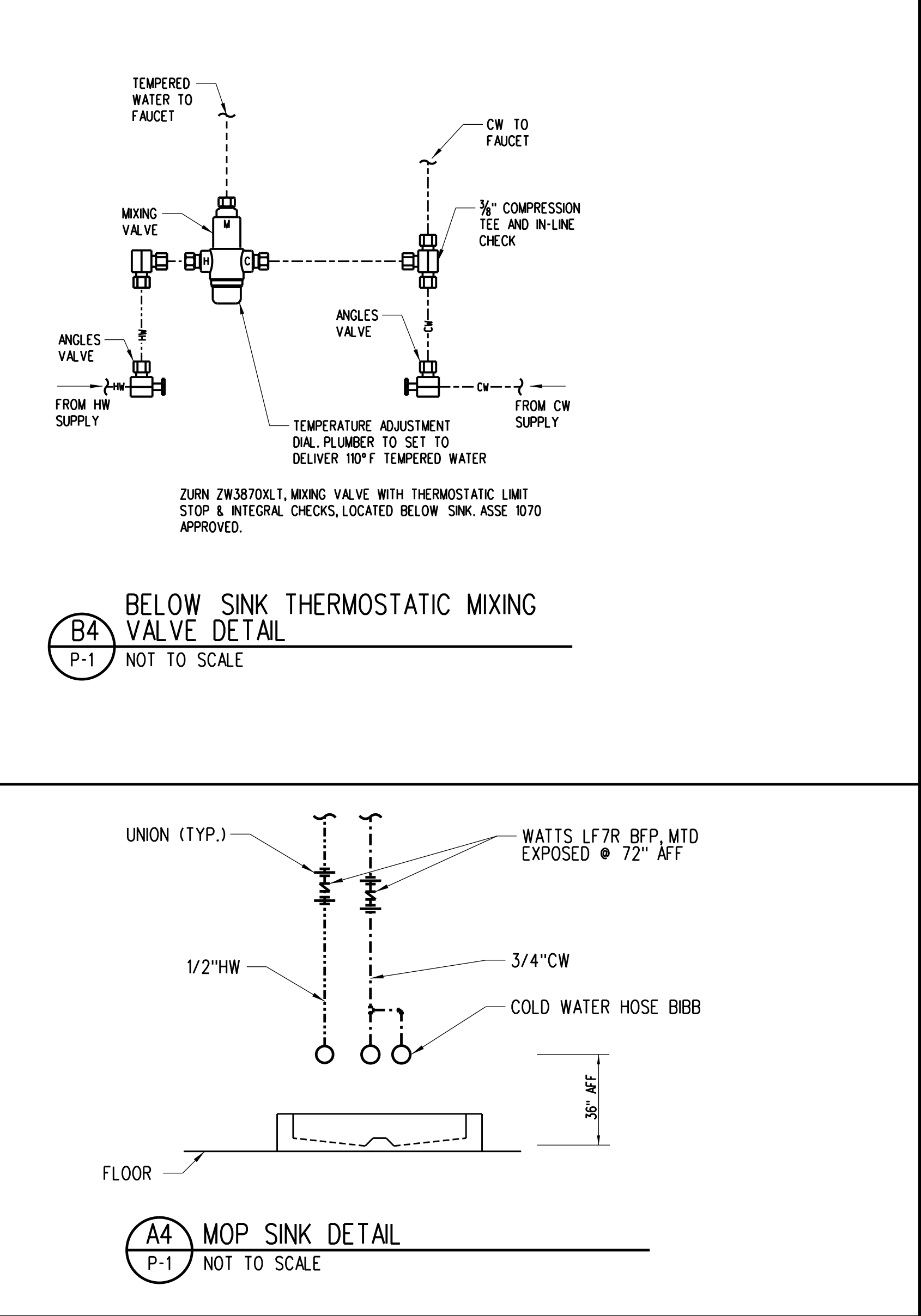
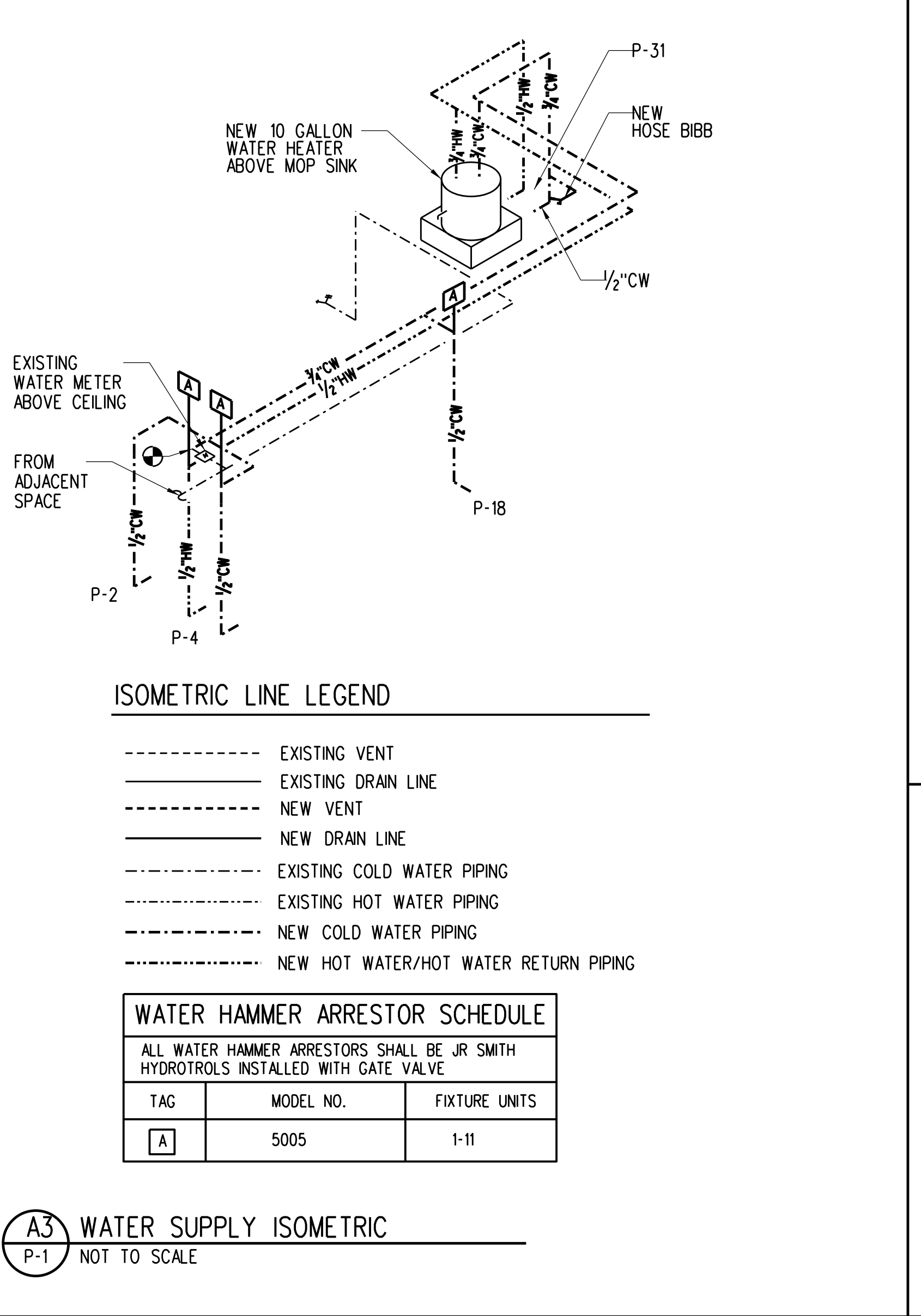
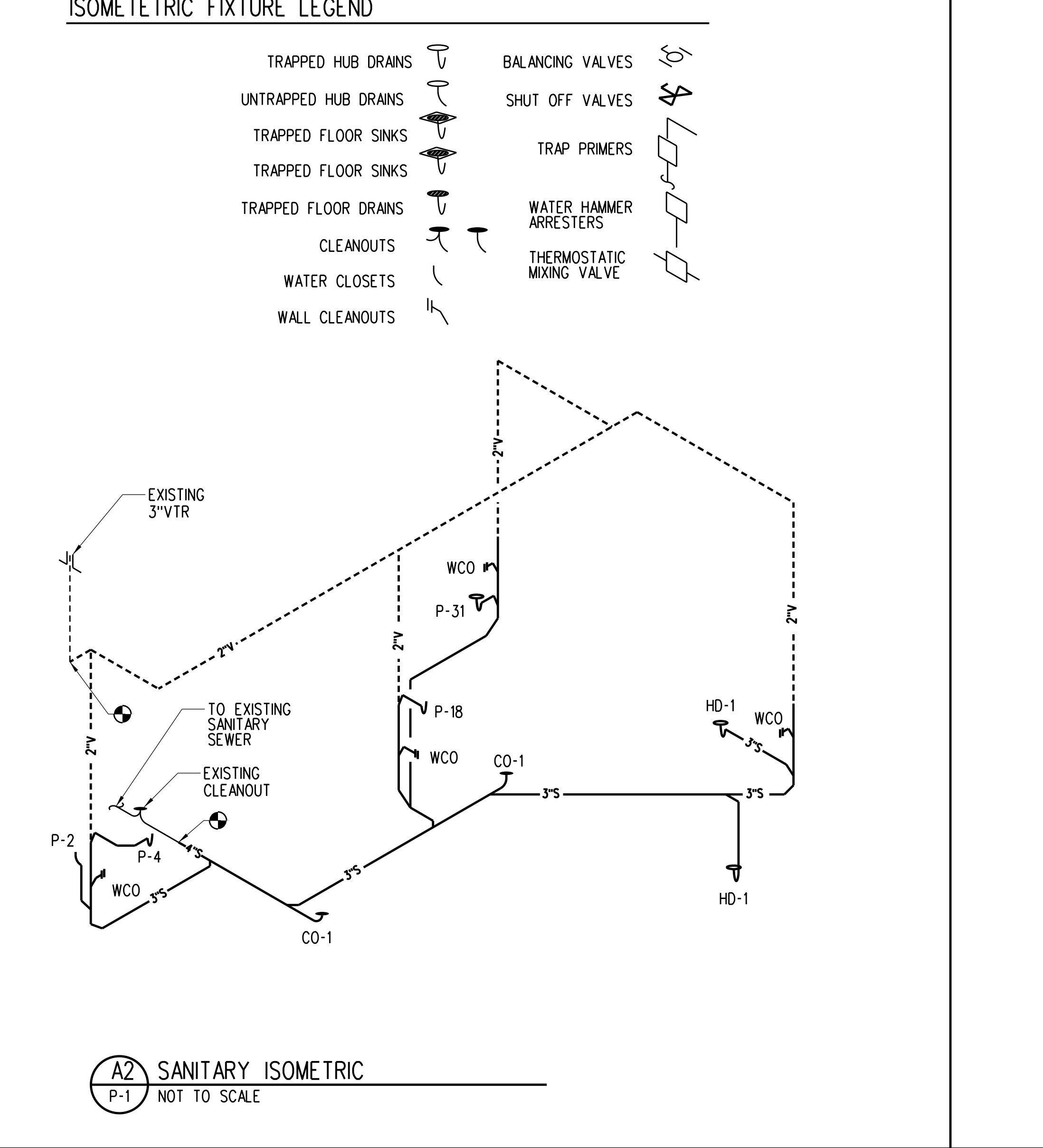
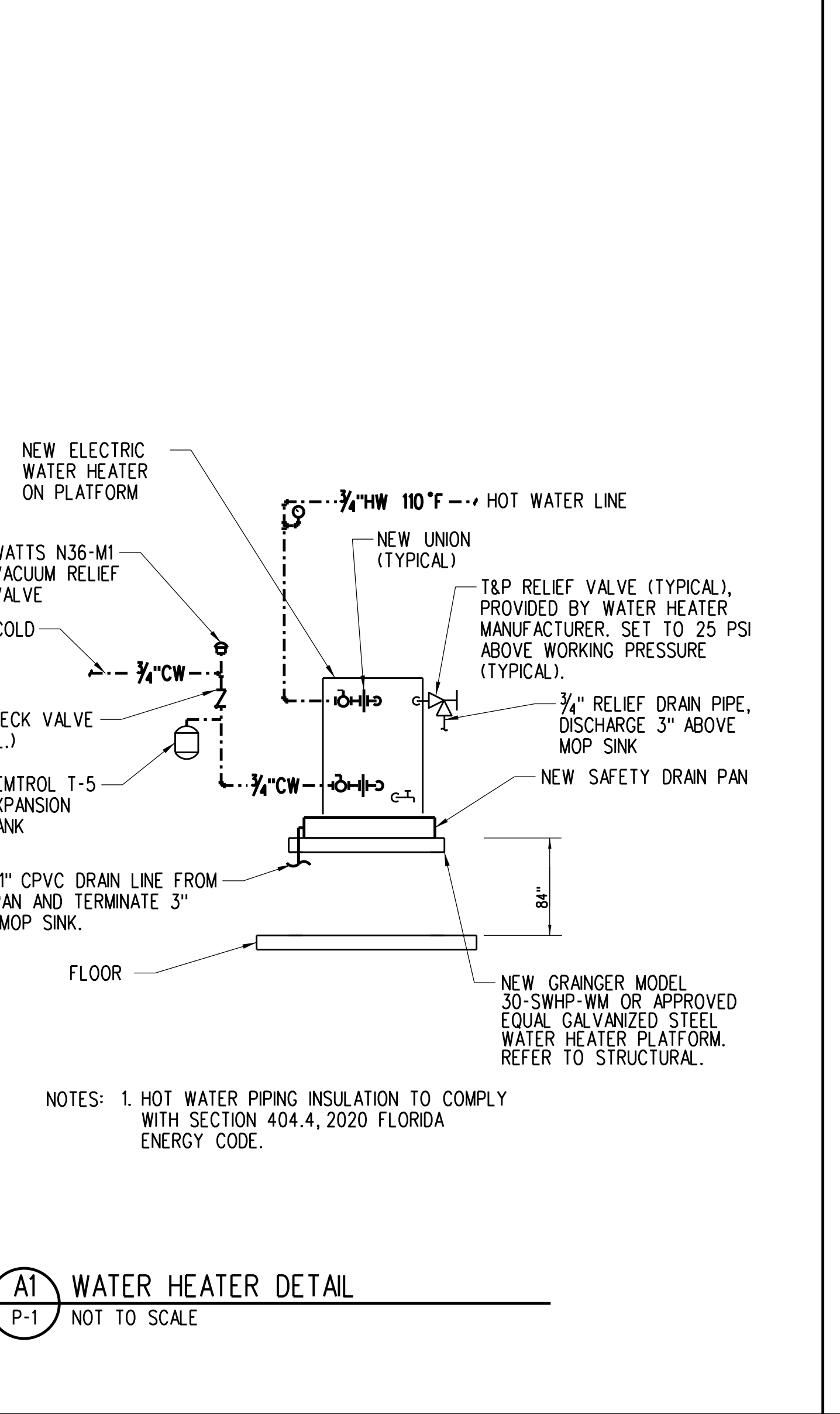
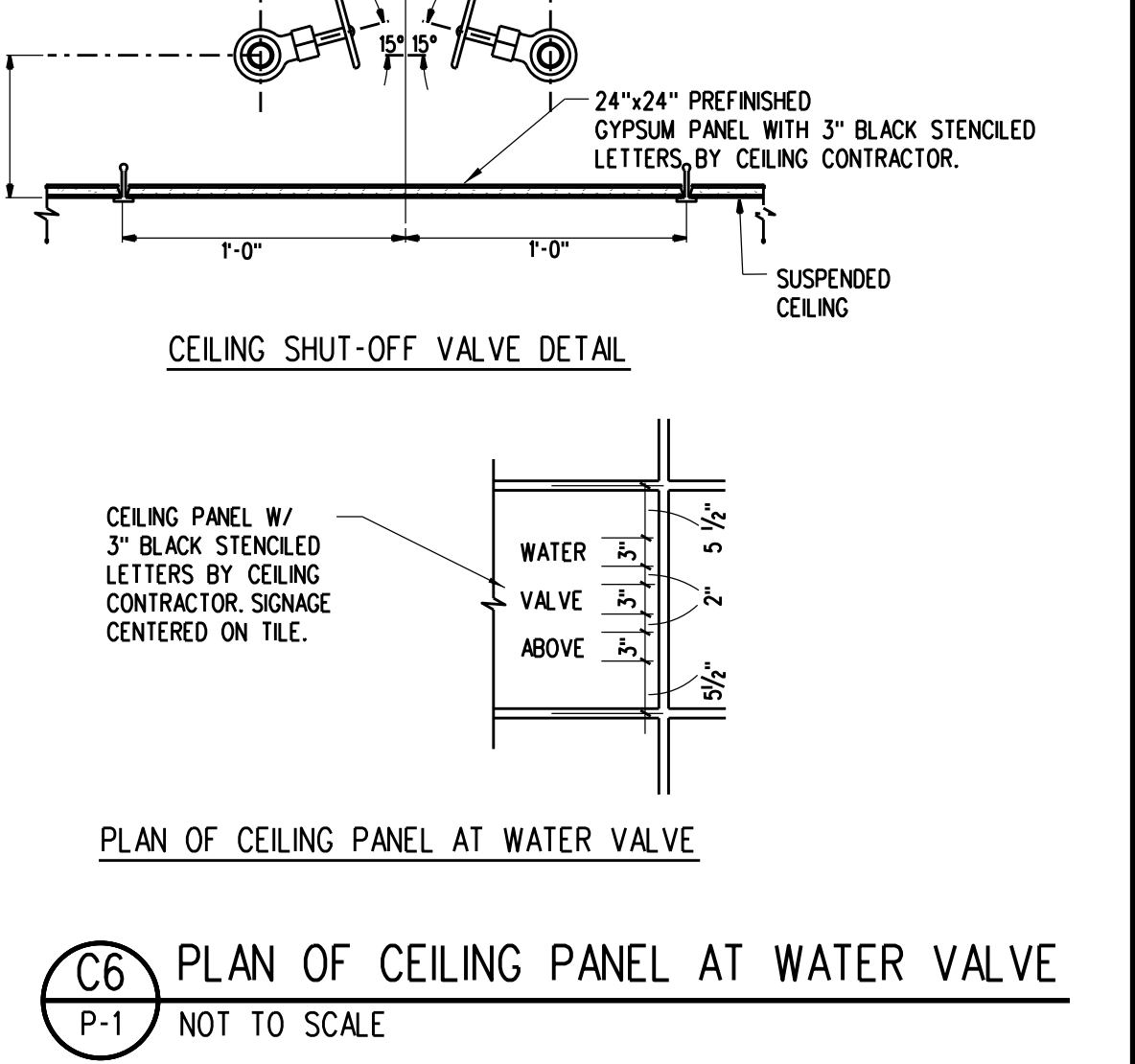
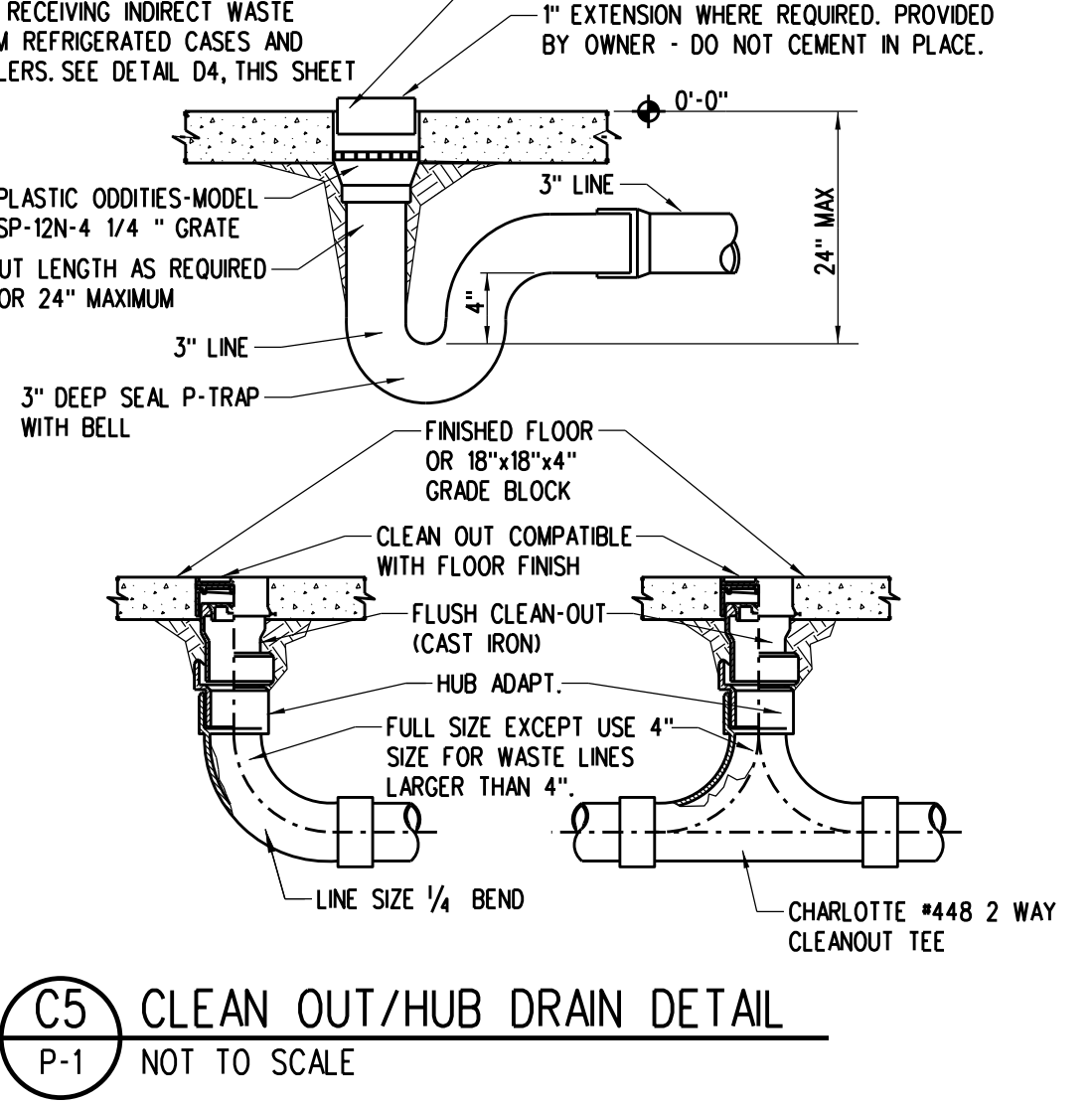
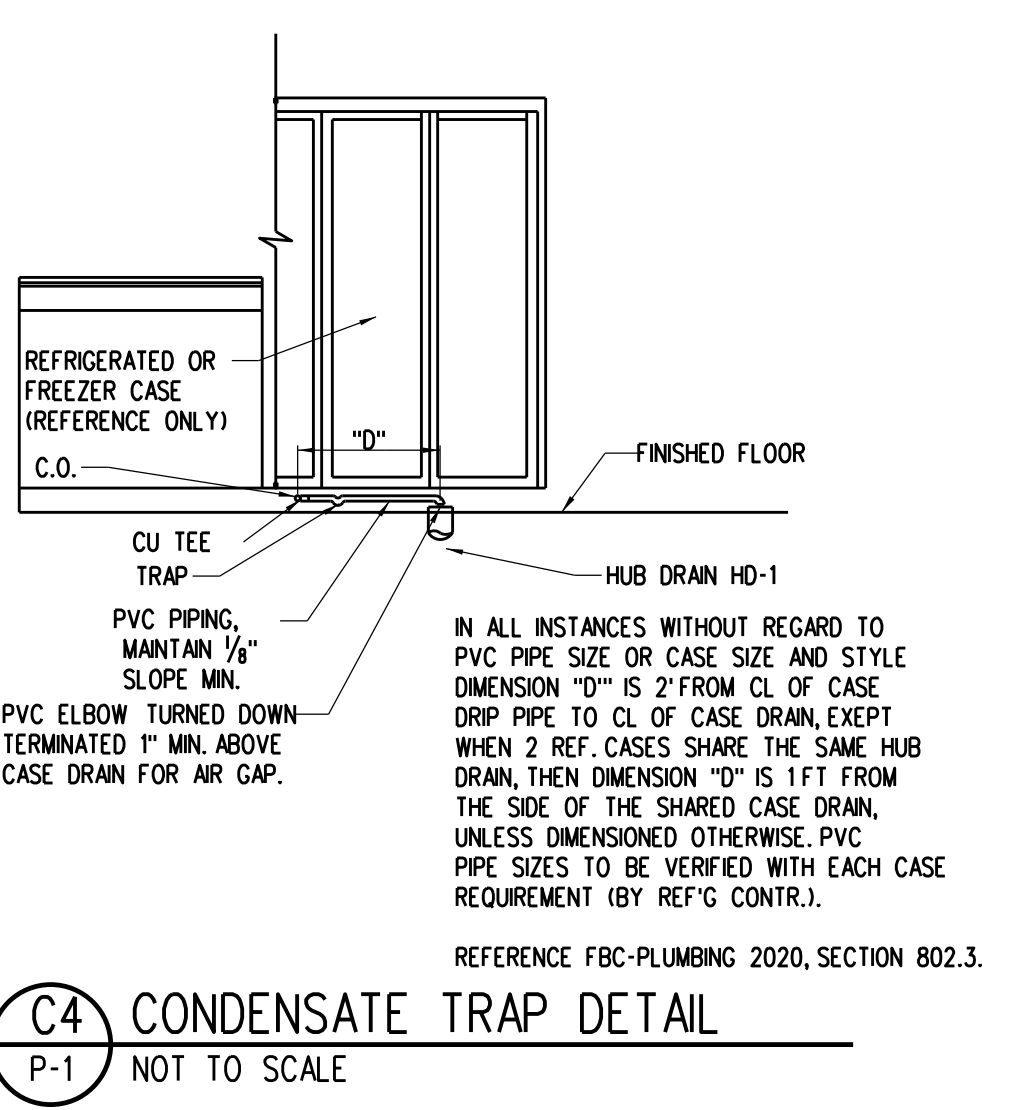
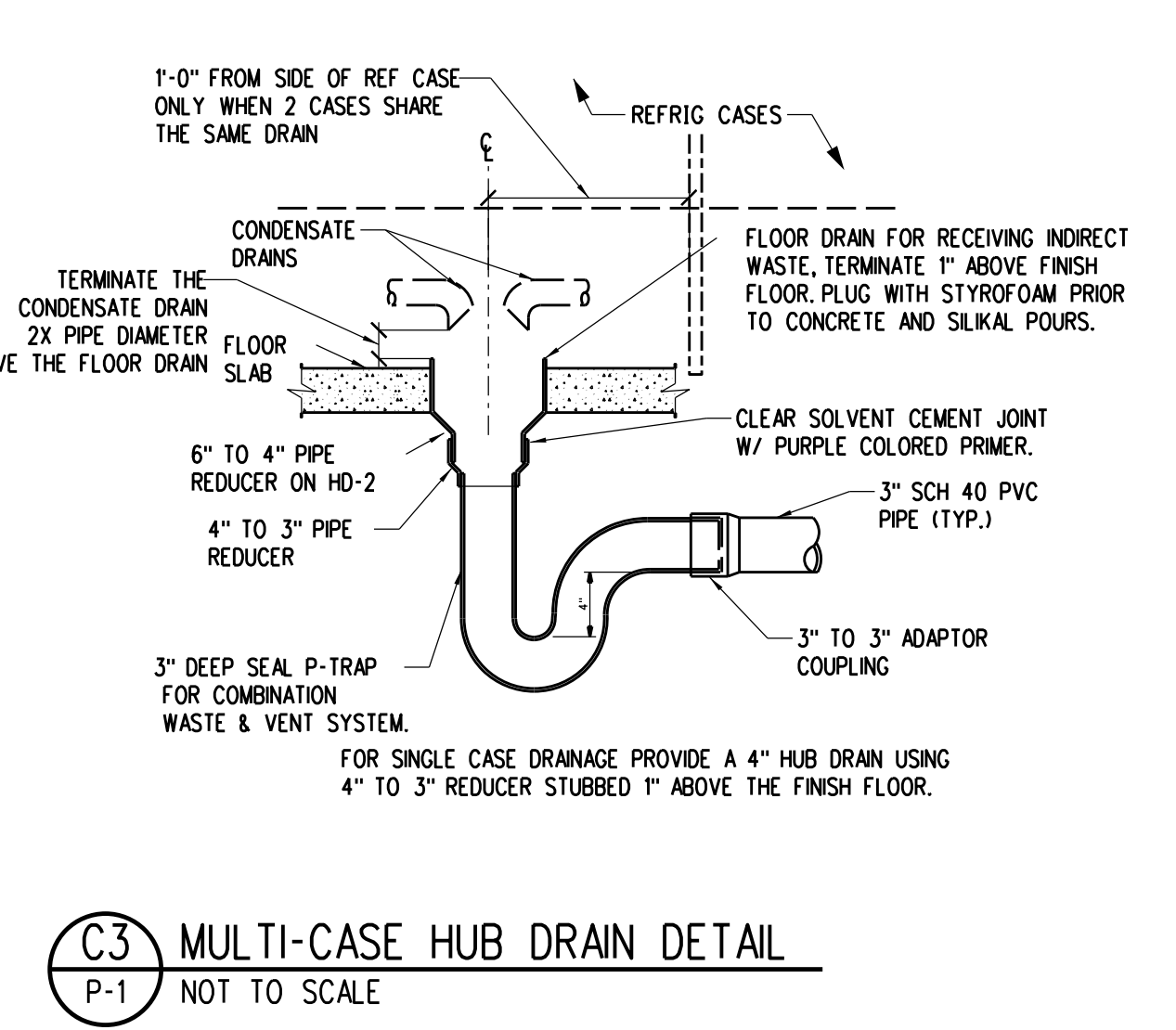
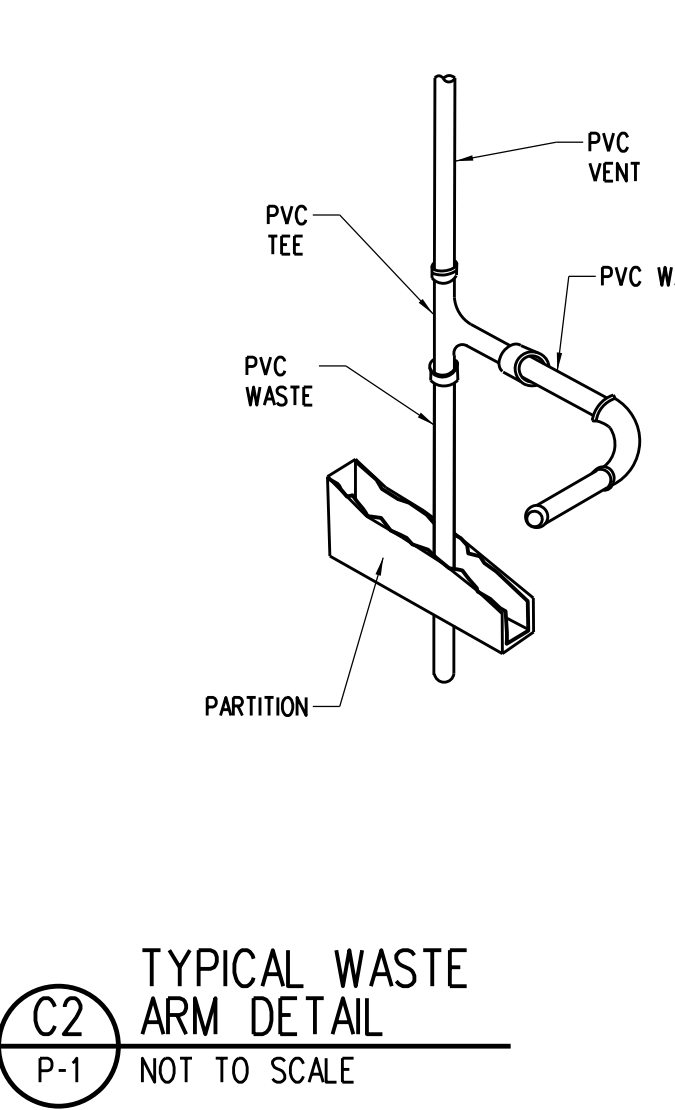
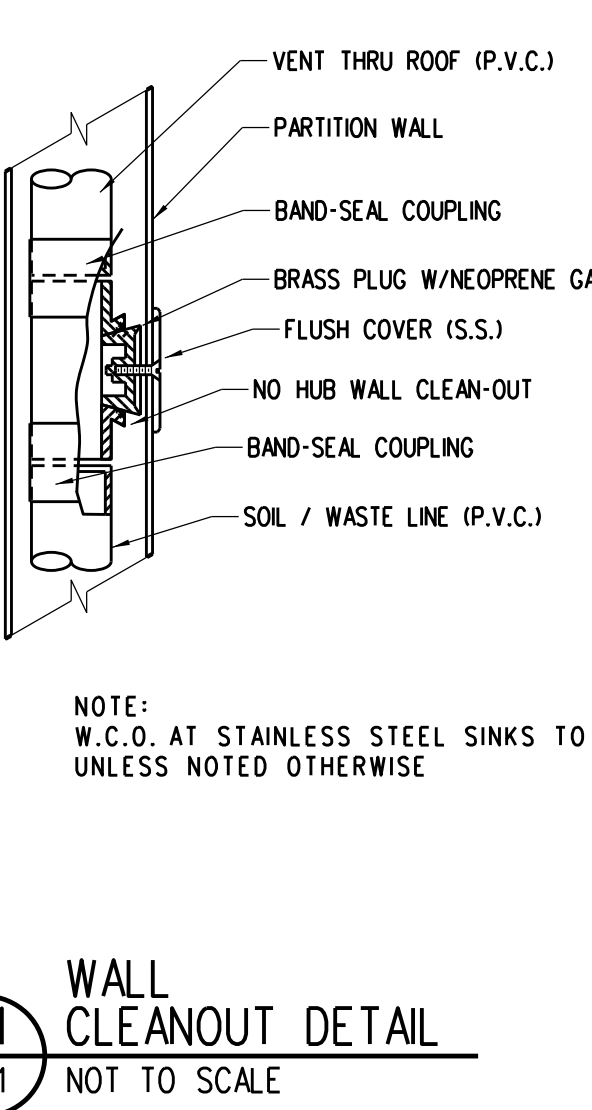
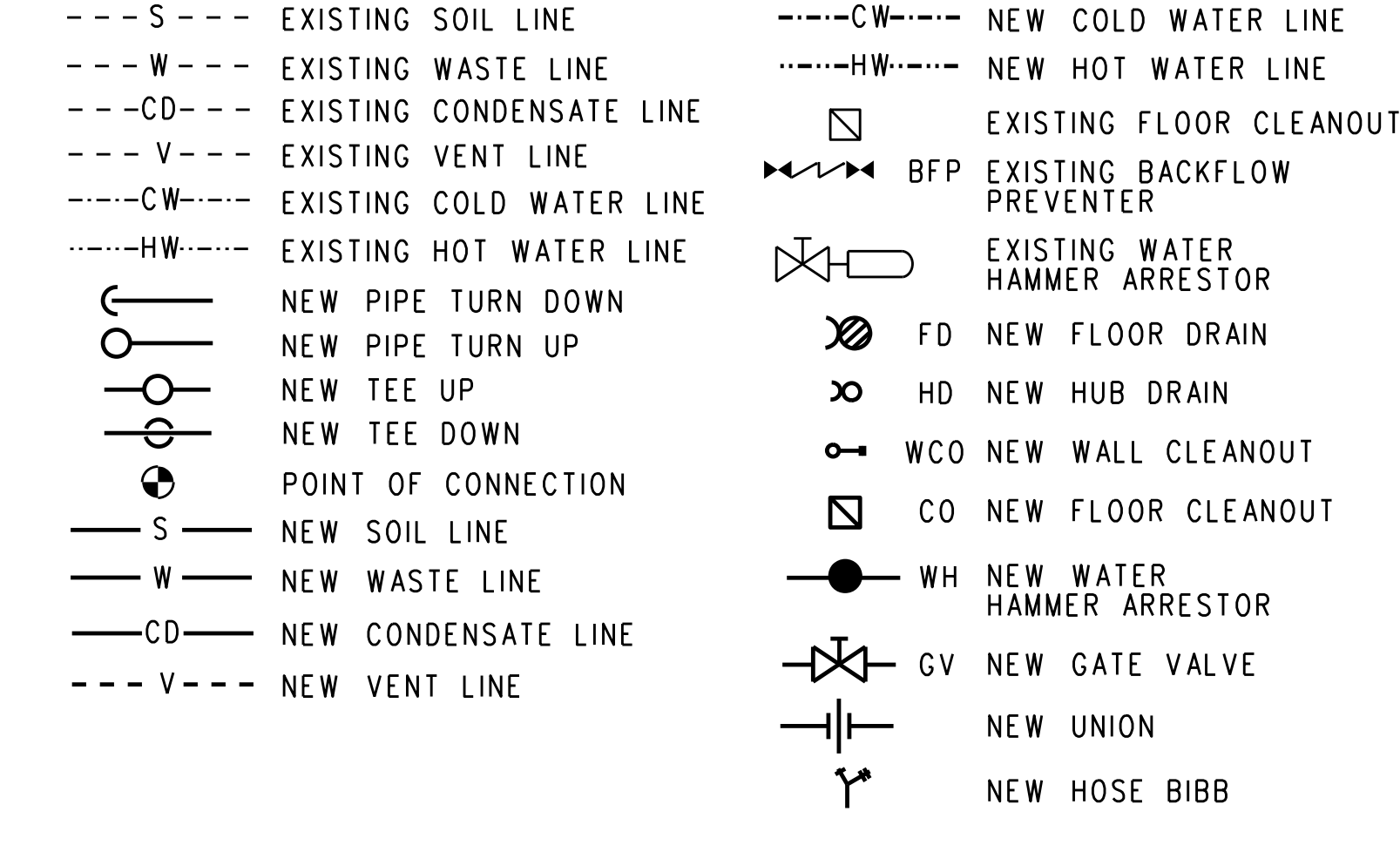
FLOOR DRAINS, CLEAN OUTS, ETC. SCHEDULE				
MARK	DESCRIPTION	SMITH	ZURN	COMMENTS
HD-1	4" CASE DRAIN, US PLASTICS 4X3 PVC REDUCER, CHARLOTTE 706-X P-TRAP WITH BARRIER-TYPE TRAP PROTECTOR.	-----	-----	SEE DETAILS C3-C5, SHEET P-1. HUB DRAINS FOR REFRIGERATED CASES SHALL HAVE DEEP SEAL TRAPS.
WCO	WALL CLEAN OUT, CAST IRON TEE, W/BRONZE PLUG, S.S. COVER.	4531	Z-1446-BP	SEE C1, 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 C5, 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-2	WATER CLOSET (ADA)	3717A.001 ELONGATED, CADET 3 RIGHT HEIGHT 16.5" HIGH FLUSH TANK, 48130-100 BOLT CAPS, OLSONITE 95 SS EXTRA HEAVY DUTY WHITE SEAT 1.3 GPF	4"	1/2"	-----	-----	PLUMBER	FLOOR MOUNTED.
P-4	LAVATORY (RESTROOM)	0955.001EC AMERICAN STANDARD, MURRO, W/KNEE GUARD 0059.020EC; FAUCET-CHICAGO 116.221.AB.1 DC, SGL. HOLE DECK MTD, BAT PWR, HANDS FREE W/O S GPM AERATOR, 327-X GRID STRAINER, COPPER RISER STOPS.	1/4"	1/2"	1/2"	-----	SINK AND HARDWARE BY PLUMBER	WALL MOUNTED. ZURN ZW3870XLT MIXING VALVE SET TO 110°F (UNDER SINK). SEE DETAIL B4, THIS SHEET.
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, THIS SHEET AND ARCHITECTURAL DRAWINGS FOR DETAILS.
P-18	ELECTRIC WATER COOLER (HIGH/LOW)	ELKAY MODEL E2STLBC OR OASIS MODEL PBACSL DUAL LEVEL, BARRIER FREE, 8.0 GPM, PVC TRAP, COPPER RISER STOPS, ACCESSORY APRON ELKAY MODEL LKAPREZL OR OASIS MODEL 035174-003.	1/2"	1/2"	-----	120/60/1	PLUMBER	WALL MOUNTED.
P-31	MS - MOP SINK	FLORESTONE MOLDED PLASTIC MOP SINK MODEL MSR-2424, T & S BRASS 8-665-BSTR SERVICE SINK FAUCET WITH VACUUM BREAKER, S.S. RIM GUARDS, 5" HOSE WITH CLAMP, MOP HANGER, FLAT STRAINER, AND BACKSPLASH PANELS.	3"	1/2"	1/2"	-----	PLUMBER	FLOOR & WALL MOUNTED AT 36". SEE DETAIL A4, THIS SHEET AND ARCHITECTURAL DRAWINGS FOR DETAILS.

PLUMBING GENERAL NOTES - ALL PLUMBING DRAWINGS

- A. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- B. PROVIDE SHOCK ARRESTORS FOR PREVENTING WATER HAMMER AT EACH BATTERY OF FIXTURES ON THE COLD AND HOT WATER SUPPLIES, AT ISOLATED PLUMBING FIXTURES, AND WHERE SHOWN ON THE DRAWINGS. SHOCK ARRESTORS SHALL BE FACTORY FABRICATED AND LOCATED FULLY ACCESSIBLE. SHOCK ARRESTORS SHALL BE SIZED PER PLUMBING DRAINAGE INSTITUTE STANDARD WH-201. AIR CHAMBERS ARE NOT ACCEPTABLE.
- C. MAINTAIN FIRE RATING AND WEATHERPROOFING INTEGRITY OF ALL PIPING PENETRATIONS.
- D. ALL SERVICES SHOWN ON THIS DRAWING SHALL TERMINATE 5'-0" OUTSIDE THE BUILDING, UNLESS NOTED OTHERWISE ON THE DRAWINGS. MAKE FINAL CONNECTIONS TO ALL SITE UTILITIES, AND INCLUDE INCREASER AND REDUCER FITTINGS WHERE NECESSARY.
- E. VERIFY ELEVATIONS OF SEWER PIPING TO WHICH NEW SEWERS ARE TO BE CONNECTED PRIOR TO INSTALLATION OF ANY PIPING.
- F. ALL VENTS THROUGH ROOF SHALL BE A MINIMUM OF 10'-0" FROM ANY VENTILATION AIR INTAKE, LOUVER, DOOR, WINDOW, AND ADJACENT PROPERTY LINE. VTR SHALL BE MINIMUM 36" FROM THE EDGE OF THE ROOF - OFFSET AS REQUIRED.
- G. ROUGH-IN ALL WASTE AND SUPPLIES TO SPECIAL EQUIPMENT ACCORDING TO MANUFACTURER'S SHOP DRAWINGS AND MAKE FINAL CORRECTIONS TO MAKE EQUIPMENT FULLY OPERATIONAL. ALL EQUIPMENT SUPPLIES SHALL BE VALVED.
- H. MINIMUM SLOPE FOR GRAVITY DRAINAGE PIPING:
2" 1/4" / FT 4" 1/8" / FT
3" 1/8" / FT 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 (17TH EDITION).

PLUMBING LEGEND

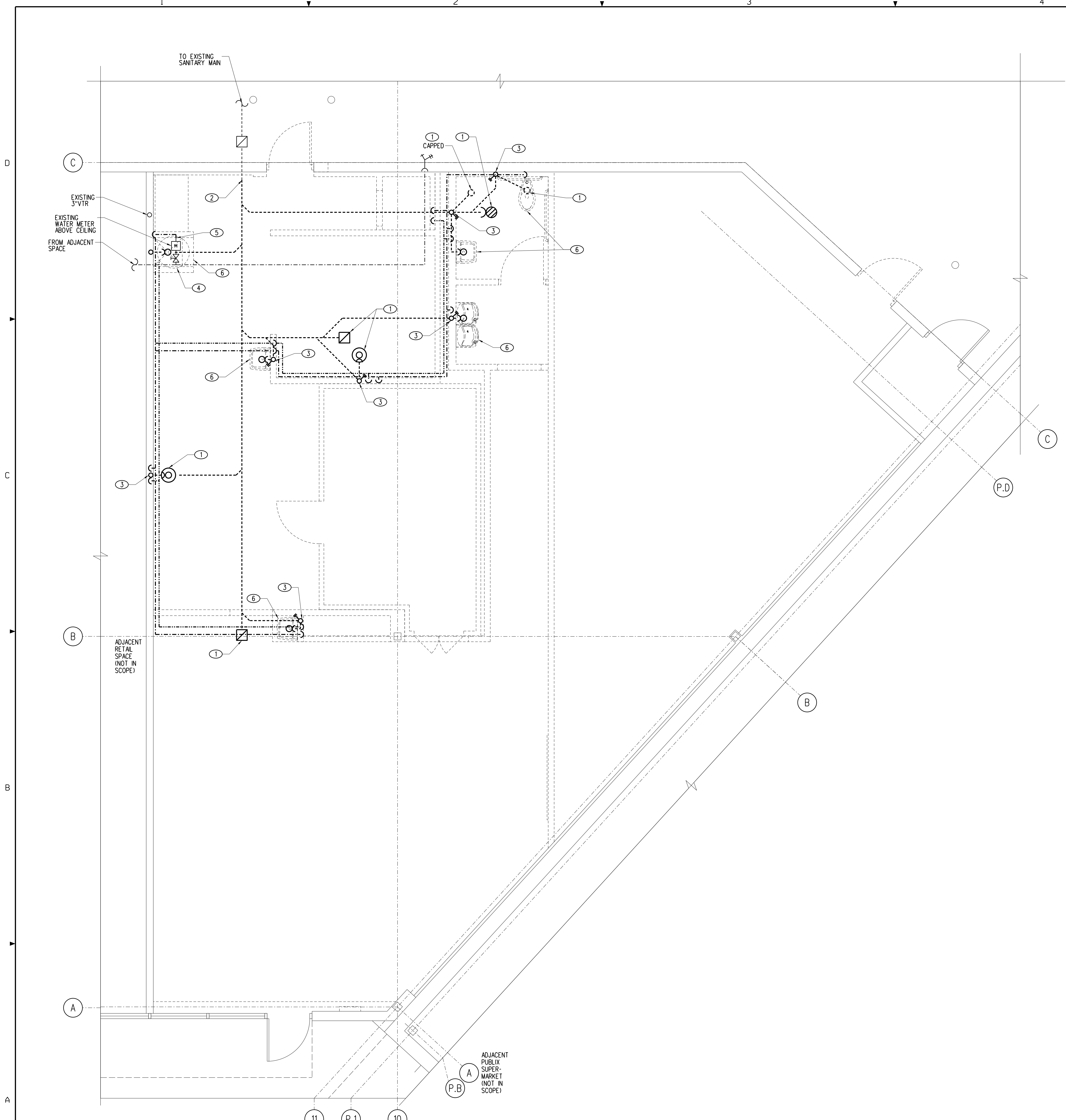


WATER HAMMER ARRESTOR SCHEDULE		
TAG	MODEL NO.	FIXTURE UNITS
A	5005	1-11

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LAKE CITY, FLORIDA 32065-7700

DEMOLITION NOTES:

- ① REMOVE EXISTING DRAIN REFER TO ARCHITECTURAL DRAWINGS FOR FLOOR PATCHING DETAILS.
- ② FIELD VERIFY LOCATION OF EXISTING SANITARY MAIN, CUT PIPE, CAP AND SEAL ALL SANITARY PIPING TO POINT INDICATED BELOW FLOOR AND ABANDON IN PLACE, PREPARE REMAINING PIPE END FOR NEW CONNECTION. SEE ARCHITECTURAL DRAWINGS FOR FLOOR PATCHING DETAILS.
- ③ REMOVE VENT LINE TO ABOVE CEILING AND CAP AT BRANCH TAKEOFF, CAP VENT BELOW SLAB. SEE ARCHITECTURAL DRAWINGS FOR FLOOR PATCHING DETAIL.
- ④ EXISTING ELECTRIC WATER HEATER TO BE REMOVED.
- ⑤ REMOVE SECTION OF PIPE INDICATED AND PREPARE REMAINING PIPE END FOR NEW CONNECTION.
- ⑥ REMOVE PLUMBING FIXTURE AND ALL EXPOSED PLUMBING.



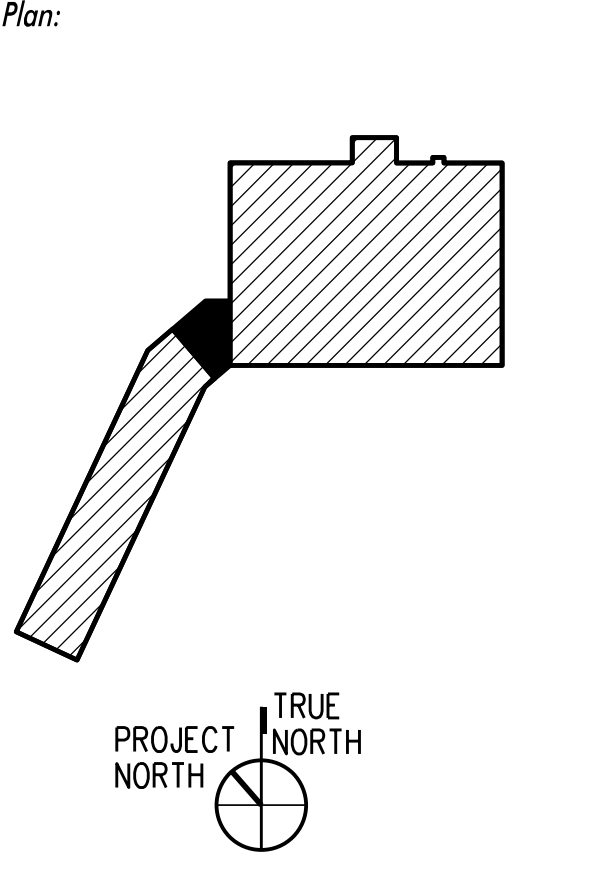
GENERAL NOTES:

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

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

Jacobs Project No.: F6-W752-00-192L5

Drawing Title:

PLUMBING DEMOLITION PLAN

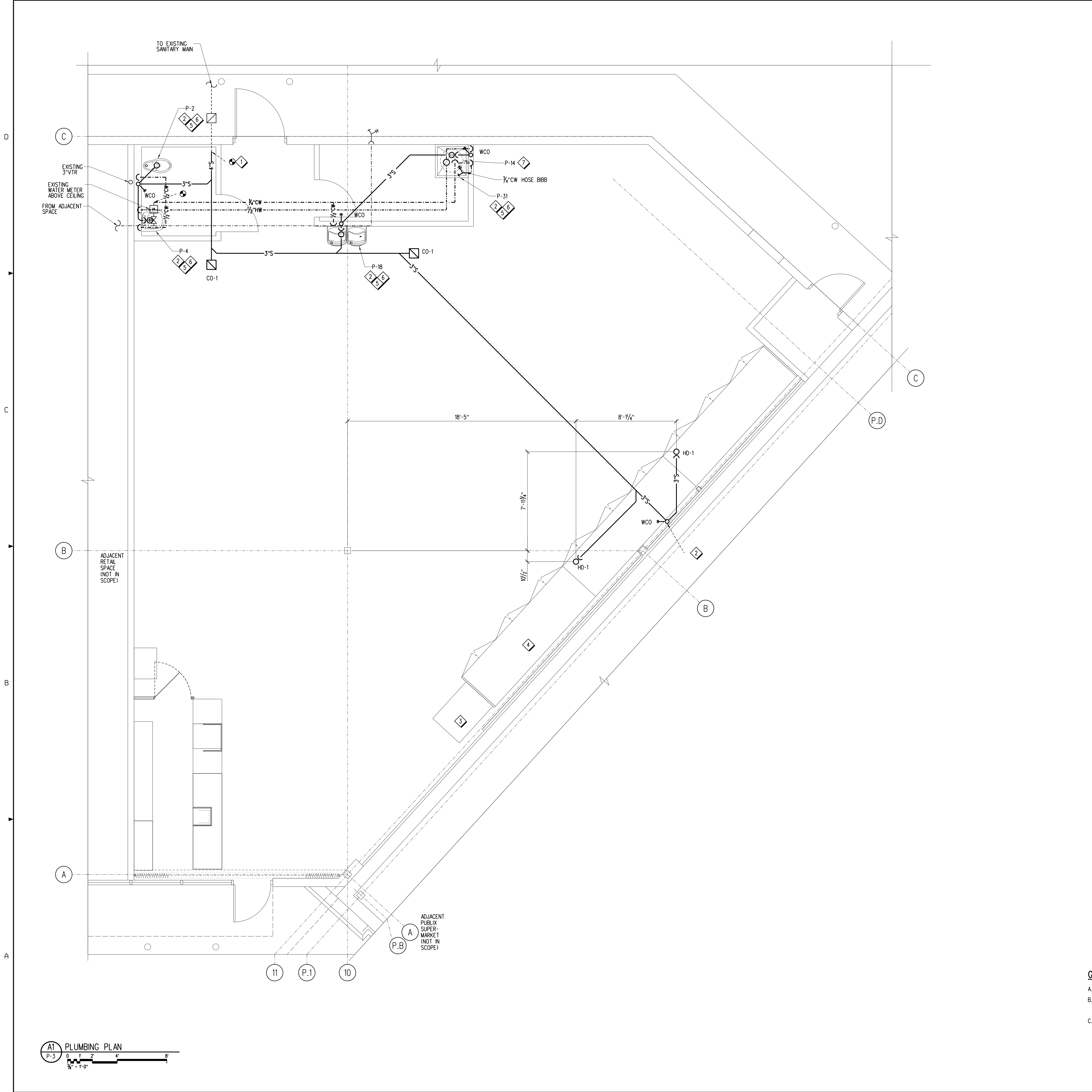
Date: 02/15/23

Designed By: C CALDIE
Drawn By: C CALDIE
Checked By: K CHANG

Drawing No.: **P-2**

SHEET NOTES:

- 1 CONNECT TO EXISTING SANITARY LINE. FIELD VERIFY EXACT LOCATION OF SANITARY MAIN PRIOR TO START OF ANY DEMOLITION WORK.
- 2 ROUTE NEW 2" VENT FROM FIXTURE AND CONNECT TO NEAREST NEW VTR.
- 3 SELF-CONTAINED ICE MACHINE, NO PLUMBING REQUIRED.
- 4 ROUTE NEW CONDENSATE DRAIN TO NEAREST EXISTING OR NEW HUB DRAIN. SEE DETAILS C3-C5, SHEET P-1.
- 5 INSTALL NEW PLUMBING FIXTURE AND CONNECT TO NEW PLUMBING AS NECESSARY.
- 6 SEE ACCESSIBILITY DETAILS IN ARCHITECTURAL DRAWINGS FOR PROPER FIXTURE INSTALLATION.
- 7 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:

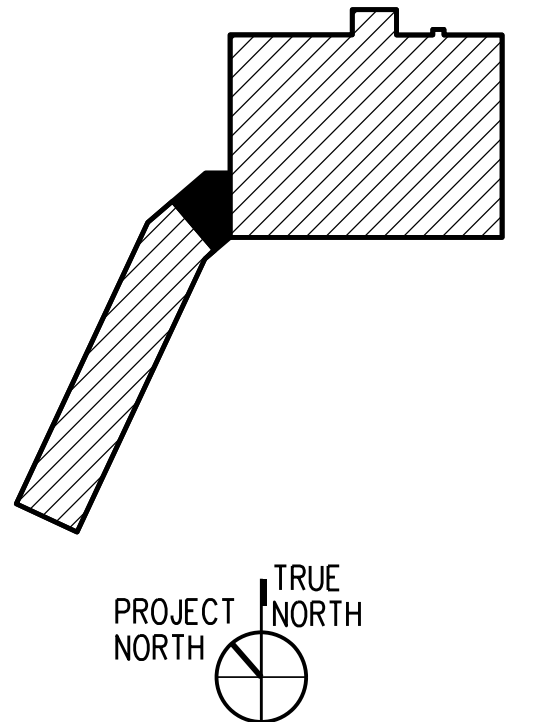
- A. REFERENCE SHEET P-1 FOR APPLICABLE DETAILS.
- B. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND NOTIFY ARCHITECT/ENGINEER OF ANY VARIANCES FROM EXISTING CONDITIONS SHOWN.
- C. REFER TO ELECTRICAL, MECHANICAL, STRUCTURAL AND REFRIGERATION DOCUMENTS FOR ADDITIONAL DEMOLITION ASSOCIATED WITH THOSE DISCIPLINES.

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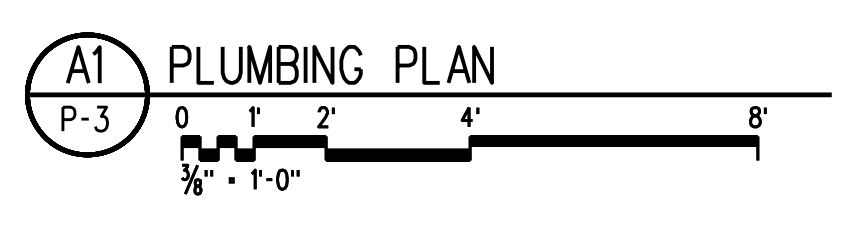
Key Plan:



Jacobs Project No.: F6-W752-00-192L5

Drawing Title: PLUMBING PLAN

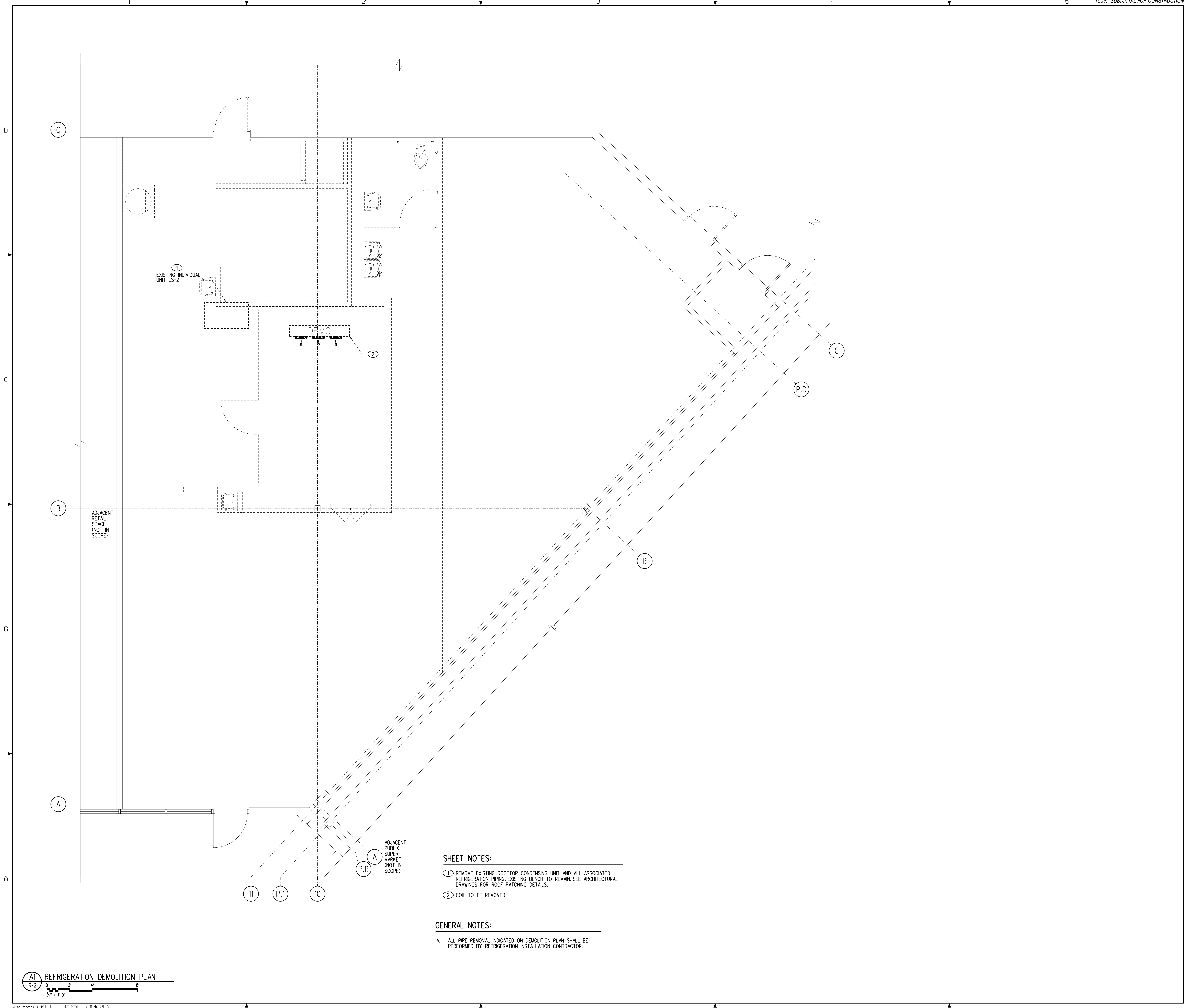
Date: 02/15/23
Designed By: C CALDIE
Drawn By: C CALDIE
Checked By: K CHANG



MECHANICAL ENGINEER OF RECORD
NAME: KEVIN T. CHANG, P.E.
REGISTRATION: FLORIDA REG. #F685410

Seal

Revision:
Date: By: Description:



SHEET NOTES:
① REMOVE EXISTING ROOFTOP CONDENSING UNIT AND ALL ASSOCIATED REFRIGERATION PIPING. EXISTING BENCH TO REMAIN. SEE ARCHITECTURAL DRAWINGS FOR ROOF PATCHING DETAILS.
② COIL TO BE REMOVED.

GENERAL NOTES:
A. ALL PIPE REMOVAL INDICATED ON DEMOLITION PLAN SHALL BE PERFORMED BY REFRIGERATION INSTALLATION CONTRACTOR.

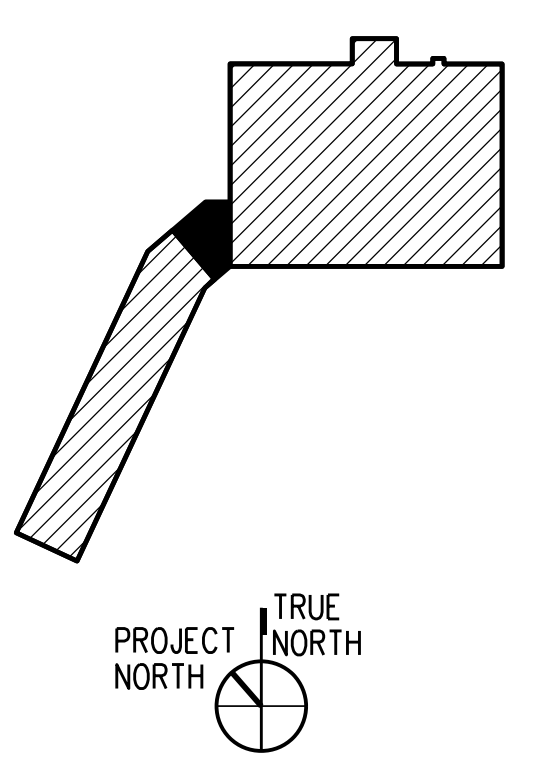
A1 REFRIGERATION DEMOLITION PLAN
R-2
0 1 2 4 8
1/8" = 1'-0"

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Key Plan:



Jacobs Project No.: F6-W752-00-192L5
Drawing Title:

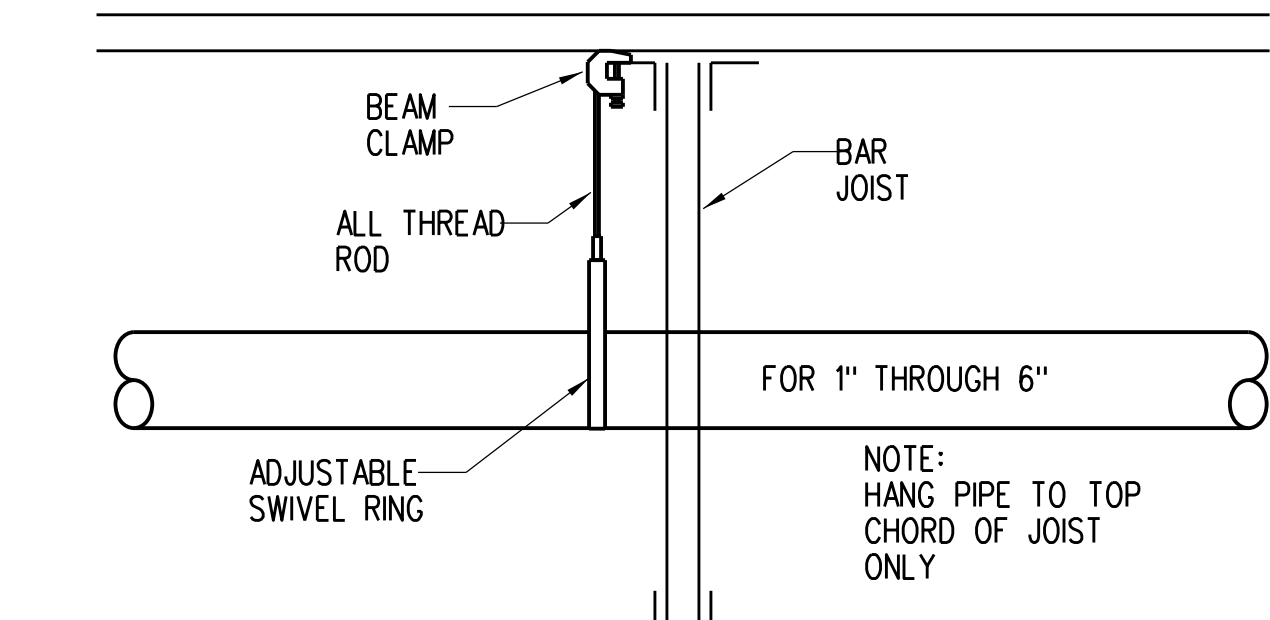
REFRIGERATION DEMOLITION PLAN

Date: 02/15/23
Designed By: C CALDIE
Drawn By: C CALDIE
Checked By: K CHANG
Drawing No.:
R-2

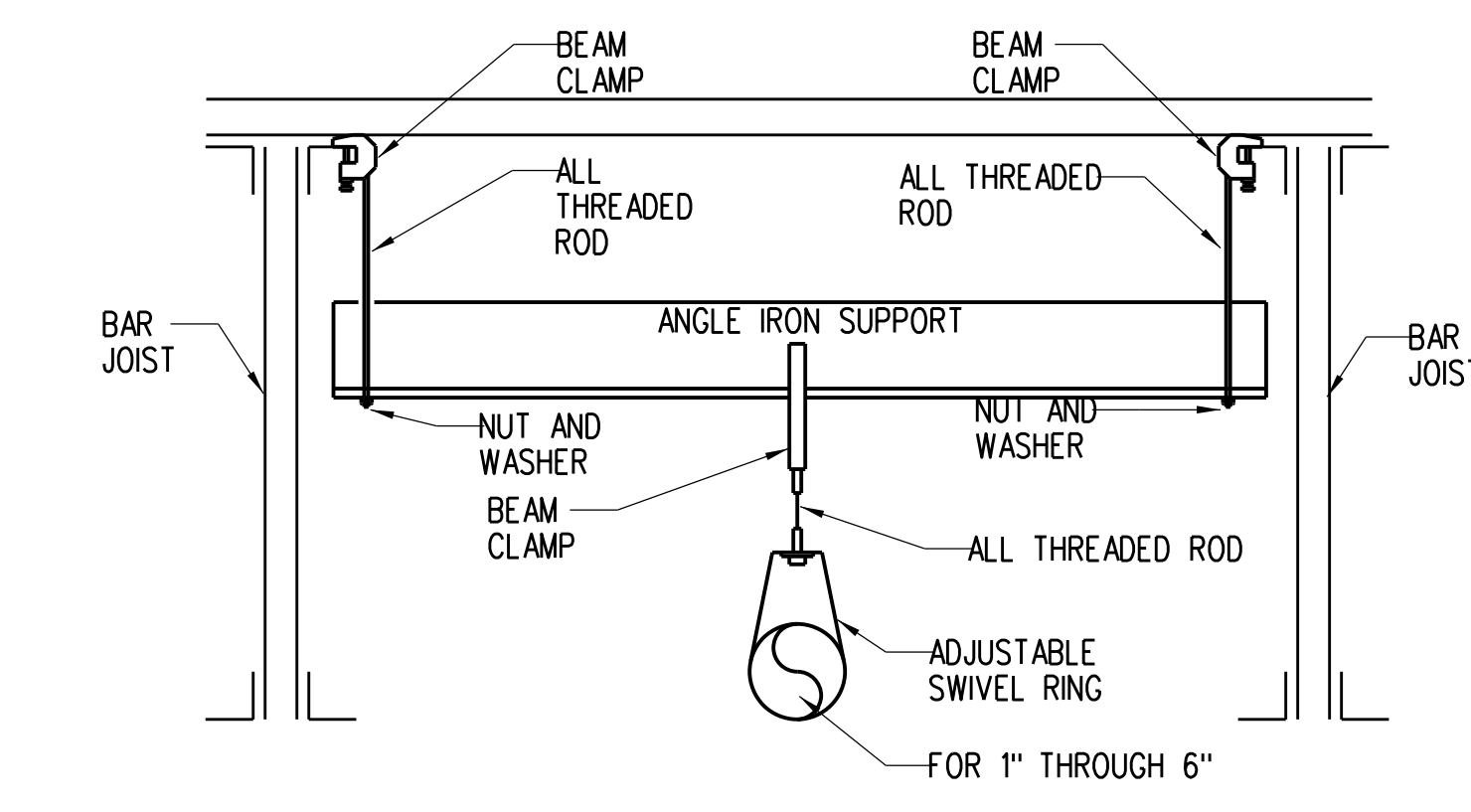
FOR REFERENCE
 USE ONLY

Revision:
 Date By Description

*100% SUBMITTAL FOR CONSTRUCTION



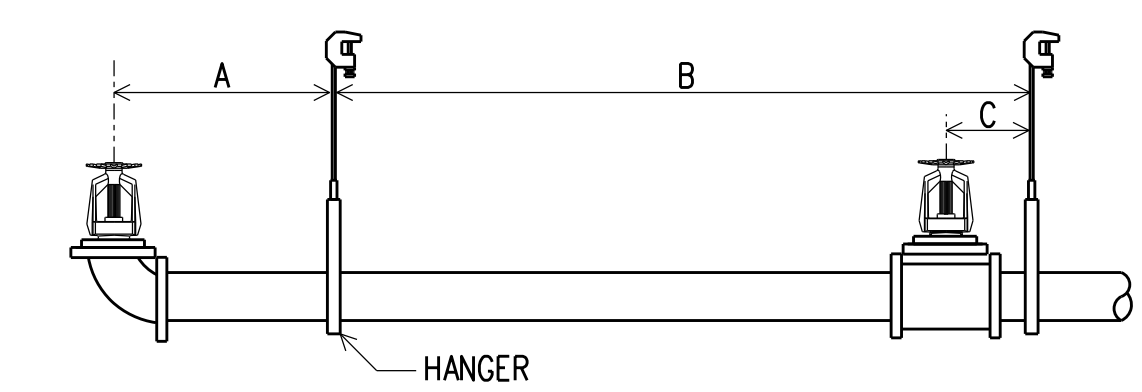
DA PIPE HANGER DETAIL
 F-1 NOT TO SCALE



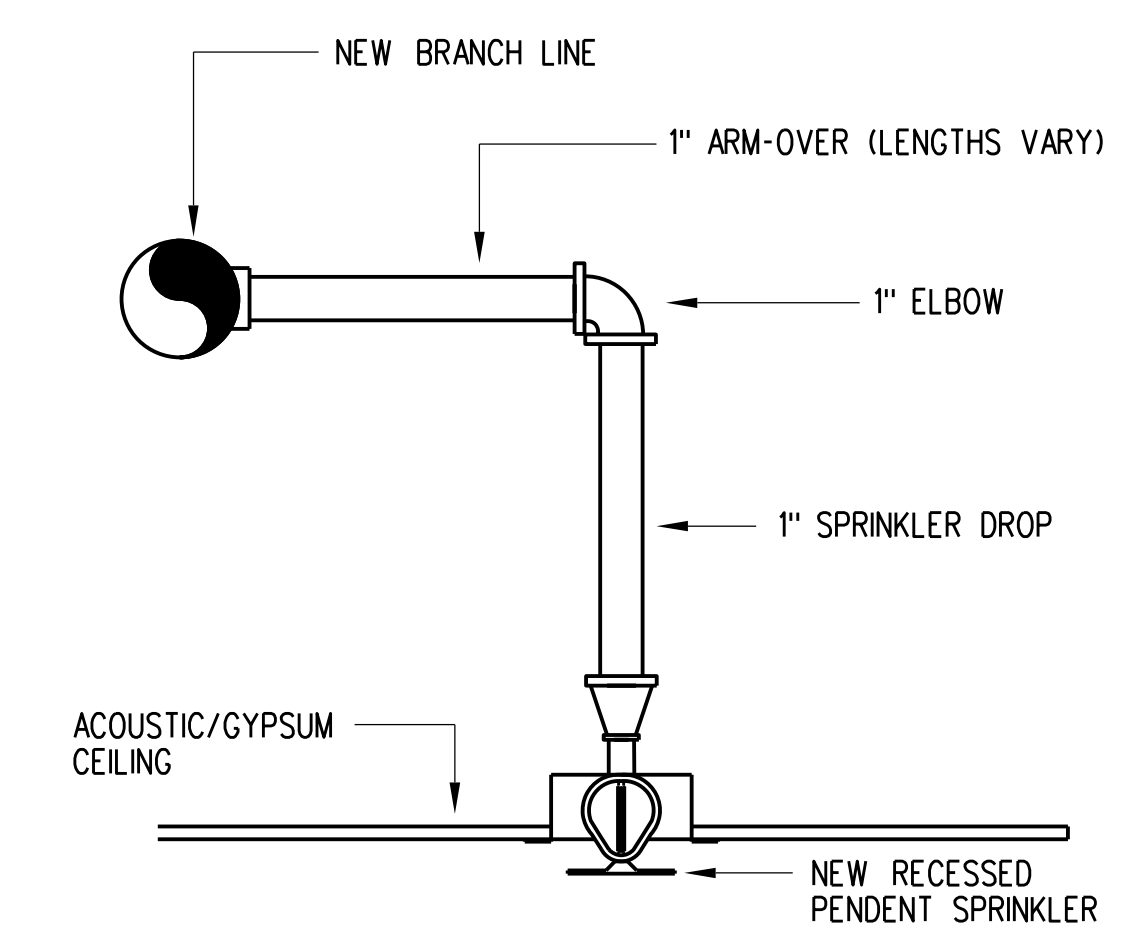
CA TRAPEZE HANGER DETAIL
 F-1 NOT TO SCALE

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



BA PIPE HANGER SCHEDULE
 F-1 NOT TO SCALE



AA PENDENT FIRE SPRINKLER DETAIL
 F-1 NOT TO SCALE

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 "FI" 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 2/2" OR LARGER TO BE SCHEDULE 10 BLACK PIPE. ALL PIPING 2" OR SMALLER TO BE SCHEDULE 40 BLACK THREADED 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 MAINS 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.

SHEET NOTES:

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

- 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 63G15-32.
- FIRE SPRINKLER CONTRACTOR SHALL PROVIDE FIRE PROTECTION SYSTEM ENGINEERING DOCUMENTS WHEN REQUIRED AND PURSUANT WITH THE REQUIREMENTS LAYED OUT IN THE 63G15-30.

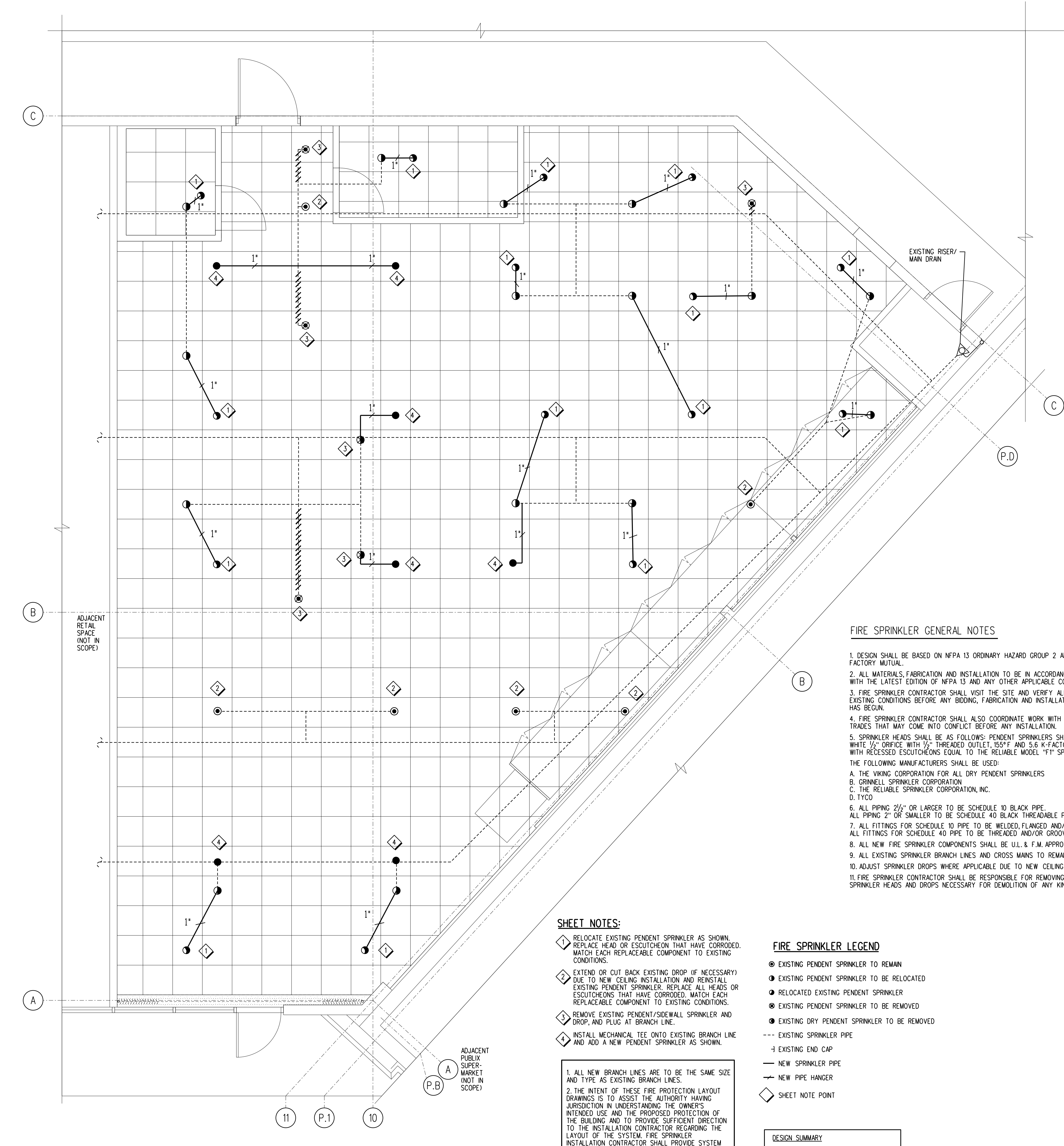
FIRE SPRINKLER LEGEND

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

DESIGN SUMMARY

ALL NUMBERS ARE APPROXIMATE VALUES

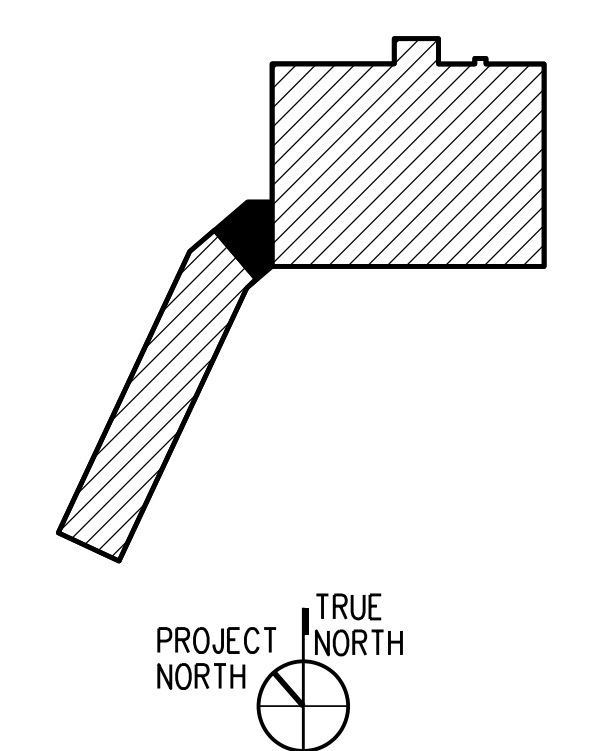
HEADS REPLACED:	0
HEADS RELOCATED:	15
HEADS ADDED:	2
HEADS REMOVED:	6
NET CHANGE:	1
TO STORE:	



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

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Key Plan:



Jacobs Project No.: F6-W752-00-192L5
 Drawing Title:

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

Date: 02/15/23
 Designed By: C CALDIE
 Drawn By: C CALDIE
 Checked By: K CHANG
 Drawing No.:
F-1