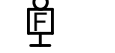
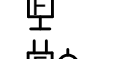
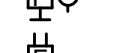
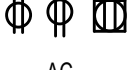
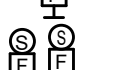
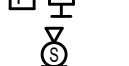
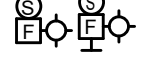
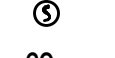
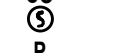
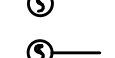
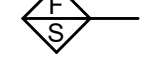
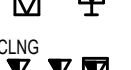
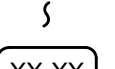
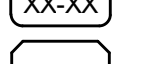
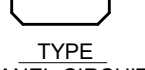


ELECTRICAL SYMBOL LEGEND

ELECTRICAL SYMBOL LEGEND								
SYMBOL		DESCRIPTION		SYMBOL		DESCRIPTION		
LIGHTING				POWER				
	BOLLARD LIGHT FIXTURE		TV/RECEPTACLE	FIRE ALARM				
	CEILING FAN		CONNECTION		FIRE ALARM BELL W/ STROBE		CAMERA	
	EMERGENCY BATTERY PACK		JUNCTION BOX (CEILING/FLOOR, WALL)		FIRE ALARM BELL		PROX READER	
	REMOTE HEADS		POWER POLE		FIRE ALARM BUZZER W/ STROBE		CARD READER	
	EXIT SIGN (SOLID FILL INDICATES FACE, ARROW INDICATES DIRECTION.)		MOTOR		FIRE ALARM BUZZER		ELECTRIC STRIKE	
 LIGHTING FIXTURES			240V RECEPTACLE		FIRE ALARM CHIME W/ STROBE		MAGNETIC LOCK	
			DUPLEX RECEPTACLE (CEILING, WALL, FLOOR)		FIRE ALARM CHIME		DOOR CONTACT	
			DUPLEX RECEPTACLE ABOVE COUNTER		FIRE ALARM HORN W/ STROBE (CEILING, WALL)		PUSHBUTTON	
			HORIZONTAL DUPLEX RECEPTACLE		FIRE ALARM HORN (CEILING, WALL)		KEYPAD	
NOTE: REFER TO LIGHTING FIXTURE SCHEDULE SPECIFICATION FOR MODEL NUMBERS AND OPTIONS.			EMERGENCY RECEPTACLE		FIRE ALARM STROBE (CEILING, WALL)		WALL INTERCOM	
			SPLIT RECEPTACLE		FIRE ALARM SYMBOL (CEILING, WALL)		CHIME/STROBE	
			GFCI RECEPTACLE		FIRE ALARM PULL STATION SYMBOL	NURSE CALL		
			LIT GFCI RECEPTACLE		FIRE ALARM SPEAKER (CEILING, WALL)		NURSE CALL DOME LIGHT W/ LIGHT # INDICATED (CEILING, WALL)	
SOLID FILL INDICATES EMERGENCY OR NIGHT EGRESS.			RECEPTACLE FOURPLEX (WALL, FLOOR)		FIRE ALARM SPEAKER W/ HORN STATION SYMBOL		NURSE CALL CODE BLUE STATION	
			SURGE SUPPRESSION RECEPTACLE		SMOKE DETECTOR		NURSE CALL DUTY STATION	
			SINGLE RECEPTACLE (CEILING, WALL, FLOOR)		COMBINATION SMOKE/CO DETECTOR		NURSE CALL EMERGENCY STATION	
			SPECIAL RECEPTACLE (CEILING, WALL, FLOOR)		PHOTOELECTRIC DETECTOR		NURSE CALL HELP STATION	
EXTERIOR POLE MOUNTED HEAD (HEAD QTY INDICATED)			CONTROL PANEL (TYPE DENOTED ON PLAN)		DIALING TERMINAL		NURSE CALL MASTER STATION	
			CONDUIT		DUCT SMOKE DETECTOR		NURSE CALL PATIENT STATION	
			CONDUIT BELOW GRADE		HEAT DETECTOR		NURSE CALL STAFF STATION	
		COMMUNICATIONS			DOOR HOLDER		NURSE CALL WANDERGUARD STATION	
SWITCHES			SPEAKER		SMOKE FIRE DAMPER			
			TELEVISION OUTLET (CEILING, WALL)	ANNOTATIONS				
			VOICE/DATA (CEILING, WALL, FLOOR)		BREAK			
			VOICE		KITCHEN EQUIP			
\$ \$2 \$3 \$4 \$ \$5 \$55 \$555			WIRELESS ACCESS POINT		MECHANICAL EQUIP			
			THERMOSTAT		PANEL/CIRCUIT			
			DATA RACK		KEY NOTE			
					REVISION			
				NOT ALL SYMBOLS APPEAR ON DRAWINGS				

Puyallup Fire Prevention:
Separate permit is required for fire alarm.

ELECTRICAL ABBREVIATIONS LIST

1P	1 POLE (2P, 3P, 4P, ETC.)	DCP	DOMESTIC WATER CIRCULATING PUMP	HT	HEIGHT HEATING	NEMA	NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION	SWBD	SWITCHBOARD SYMMETRICAL
A	AMPERE	DEPT	DEPARTMENT	HTG	HEATING	NFDS	NON-FUSED SAFETY DISCONNECT SWITCH	TEL	TELEPHONE
AC	ABOVE COUNTER OR AIR CONDITIONER	DET	DETAIL	HV	HIGH VOLTAGE	NL	NOT IN CONTRACT	TEL/DATA	TELEPHONE/DATA
ACLO	ABOVE CEILING	DISC	DISCONNECT	HVAC	HEATING, VENTILATING AND AIR CONDITIONING	N.O.	NORMALLY OPEN	TERM	TERMINAL
ADO	AUTOMATIC DOOR OPENER	DIST	DISTRIBUTION	HWP	HYDRO-PNEUMATIC WATER PUMP	NTS	NOT TO SCALE	TL	TURN LOCK
AF	AFRAME	DN	DOWN	IC	INTER interrupting CAPACITY	N.P.F.	NORMAL POWER FACTOR	TR	TAMPER RESISTANT
AFB	ABOVE FINISHED FLOOR	DPR	DAMPER	IG	ISOLATED GROUND	N.S.	NORMALLY OPEN	T-STAT	THERMOSTAT
AFI	ABOVE FINISHED GRADE	DS	DOUBLE THROW	IMC	INTERMEDIATE METAL CONDUIT	OH	OVERHEAD OVERLOADS	TTC	TELEPHONE TERMINAL
AFI	ARC FAULT CIRCUIT INTERRUPTER	DT	DOUBLE THROW	INCAND	INCANDESCENT	OL	OVERHEAD OVERLOADS	TVTC	TELEVISION TERMINAL
AHU	AIR HANDLING UNIT	DWG	DRAWING	IR	INFRARED	PA	PUBLIC ADDRESS	TYP	TYPICAL
AL	ALUMINUM	EC	ELECTRICAL CONTRACTOR	IW	INTERLOCK WITH	PB	PULL BOX OR PUSHBUTTON	UC	UNDER COUNTER
ALT	ALTERNATE	ELEC	ELECTRIC, ELECTRICAL	J-BOX	JUNCTION BOX	PE	PNEUMATIC ELECTRIC	UE	UNDERGROUND ELECTRICAL
AMP	AMPERE	ELEV	ELEVATOR	KV	KILOVOLT	PF	POWER FACTOR	UH	UNDERGROUND
AMPL	AMPLIFIER	EM	EMERGENCY	KVA	KILOVOLT-AMPERE	PH	PHASE	UJ	UNDERGROUND
ANNU	ANNUNCIATOR	EMS	ENERGY MANAGEMENT SYSTEM	KVAR	KILOVOLT-AMPERE REACTIVE	PV	POST INDICATING VALVE	UT	UTILITY
APPROX	APPROXIMATELY	EMT	ELECTRIC METALLIC TUBING	KWH	KILOWATT HOUR	PNL	PANEL	UV	ULTRAVIOLET
AQ-STAT	AQUASTAT	EP	ELECTRIC PNEUMATIC EQUIPMENT	LOC	LOCATE OR LOCATION	PROJ	PROJECTION	V	VOLT
ARCH	ARCHITECT, ARCHITECTURAL	EQU	EQUIPMENT	LT	LIGHTING	PRV	POWER ROOF VENTILATOR	VA	VOLT-AMPERES
AS	AMP SWITCH	EW	EXISTING	LTNG	LIGHTNING	PVC	POTENTIAL TRANSFORMER	VDT	VIDEO DISPLAY TERMINAL
AT	AMP TRIP	EXH	EXHAUST	LV	LOW VOLTAGE	QUAN	QUANTITY	VERT	VERTICAL
ATS	AUTOMATIC TRANSFER SWITCH	EXP	EXPLOSION PROOF	MAX	MAXIMUM	RCTP	RECEPTACLE	VFD	VARIABLE FREQUENCY DRIVE
AUTO	AUTOMATIC	FA	FIRE ALARM	MAG.S	MAGNETIC STARTER	RCD	REQUIRED ROOM	VOL	VOLUME
AUX	AUXILIARY	FABP	FIRE ALARM BOOSTER POWER SUPPLY PANEL	MCC	MECHANICAL CONTRACTOR	RSC	RIGID STEEL CONDUIT	W	WITH
AV	AUDIO VISUAL	FCU	FAN COIL UNIT	MDC	MAIN DISTRIBUTION CENTER	RTU	ROOF TOP UNIT	WG	WIRE GUARD
AWG	AMERICAN WIRE GAUGE	FX	FIXTURE	MFR	MANUFACTURER	SEC	SECONDARY	WH	WATER HEATER
BATT	BATTERY	FLR	FLOOR	MFS	MAIN FUSED DISCONNECT SWITCH	SEC	SECONDARY	W/O	WITHOUT
BD	BOARD	FLU	FLUORESCENT	GA	GAUGE	SEC	SECONDARY	WP	WEATHERPROOF
BLDG	BUILDING	FOU	FAN COIL UNIT	GALV	GALVANIZED	SH	SHEET	XFMR	TRANSFORMER
BMS	BUILDING MANAGEMENT SYSTEM	FX	FIXTURE	GEN	GENERATOR	SHT	SHEET	XFR	TRANSFER
C	CONDUIT	FLR	FLOOR	GFI	GROUND FAULT CIRCUIT INTERRUPTER	SH	SHEET		
CAB	CABINET	FLU	FLUORESCENT	GEN	GENERATOR	SH	SHEET		
CAT	CATALOG	FLU	FLUORESCENT	GFI	GROUND FAULT CIRCUIT INTERRUPTER	SH	SHEET		
CATV	CABLE TELEVISION	FLU	FLUORESCENT	GFI	GROUND FAULT CIRCUIT INTERRUPTER	SH	SHEET		
CB	CIRCUIT BREAKER	FLU	FLUORESCENT	GFI	GROUND FAULT CIRCUIT INTERRUPTER	SH	SHEET		
CCTV	CLOSED CIRCUIT TELEVISION	FLU	FLUORESCENT	GFI	GROUND FAULT CIRCUIT INTERRUPTER	SH	SHEET		
CKT	CIRCUIT	FLU	FLUORESCENT	GFI	GROUND FAULT CIRCUIT INTERRUPTER	SH	SHEET		
CLG	CEILING	FLU	FLUORESCENT	GFI	GROUND FAULT CIRCUIT INTERRUPTER	SH	SHEET		
COMB	COMBINATION	FLU	FLUORESCENT	GFI	GROUND FAULT CIRCUIT INTERRUPTER	SH	SHEET		
CMR	COMPRESSOR	FLU	FLUORESCENT	GFI	GROUND FAULT CIRCUIT INTERRUPTER	SH	SHEET		
CON	CONNECTION	FLU	FLUORESCENT	GFI	GROUND FAULT CIRCUIT INTERRUPTER	SH	SHEET		
CONSTR	CONSTRUCTION	FLU	FLUORESCENT	GFI	GROUND FAULT CIRCUIT INTERRUPTER	SH	SHEET		
CONT	CONTINUATION OR CONTINUOUS	FLU	FLUORESCENT	GFI	GROUND FAULT CIRCUIT INTERRUPTER	SH	SHEET		
CONTR	CONTRACTOR	FLU	FLUORESCENT	GFI	GROUND FAULT CIRCUIT INTERRUPTER	SH	SHEET		
CONV	CONVECTOR	FLU	FLUORESCENT	GFI	GROUND FAULT CIRCUIT INTERRUPTER	SH	SHEET		
CONV	CIRCUITING PUMP	FLU	FLUORESCENT	GFI	GROUND FAULT CIRCUIT INTERRUPTER	SH	SHEET		
CR	CATHODE-RAY TUBE	FLU	FLUORESCENT	GFI	GROUND FAULT CIRCUIT INTERRUPTER	SH	SHEET		
CT	CURRENT TRANSFORMER	FLU	FLUORESCENT	GFI	GROUND FAULT CIRCUIT INTERRUPTER	SH	SHEET		
CTR	CENTER	FLU	FLUORESCENT	GFI	GROUND FAULT CIRCUIT INTERRUPTER	SH	SHEET		
CU	COPPER	FLU	FLUORESCENT	GFI	GROUND FAULT CIRCUIT INTERRUPTER	SH	SHEET		

ELECTRICAL EQUIPMENT NAMING CONVENTION

	PANEL LP01		DISTRIBUTION PANEL DP01
	PANEL HP01		KITCHEN PANEL KP11
	EMERGENCY LIFE SAFETY PANEL ELSLP01		POOL PANEL PP01
	EMERGENCY LEGALLY REQUIRED PANEL ELSLP01		CAR CHARGING PANEL EV01
	DISCONNECT DS01		ELEV DISC D01
	STEP DOWN TRANSFORMER (NON-UTILITY) T01, ELS01, ELT01, EOST01		ELEV DISC LEGALLY REQUIRED ELSRD01
	MAIN SWITCH BOARD MSB01		ELEV DISC LEGALLY REQUIRED ELSRD01
	METER BANK (WITH TAP BOX OR MAIN SWITCH) MB01		ELEV DISC LEGALLY REQUIRED ELSRD01
	AUTOMATIC TRANSFER SWITCH ATSO1, ELSATSO1, ECOSATSO1		ELEV DISC LEGALLY REQUIRED ELSRD01
	MANUAL TRANSFER SWITCH MTSO1, ELSMTSO1, ELRMTSO1		ELEV DISC LEGALLY REQUIRED ELSRD01

STANDARD IDENTIFICATION RULES

- 120/208V = LP
- 277/480V = HP
- FLOOR OR LEVEL, THEN COUNT DESIGNATION = LP01, LP11, LP12, ETC.
- BASEMENT OR LOWER LEVEL OF 9 STORY OR LESS = 01
- FIRST FLOOR OR FIRST LEVEL OF 10 PLUS STORES = 011
- WING OR BUILDING DESIGNATION = A01, B01, ETC.
- ELS = LIFE SAFETY (NEC 701)
- ELR = LEGALLY REQUIRED (NEC 701)
- EOS = OPTIONAL, STANDBY (NEC 702)

City of Puyallup
Building
REVIEWED
FOR
COMPLIANCE
RayC
01/17/2025
11:53:56 AM



PRCNC20240424

Approval of submitted plans is not an approval of omissions or oversight by this office or non-compliance with any applicable regulations of local government. The contractor is responsible for making sure that the building complies with all applicable building codes and regulations of the local government.

THE APPROVED CONSTRUCTION PLANS AND ALL ENGINEERING MUST BE POSTED ON THE JOB AT ALL INSPECTIONS IN A VISIBLE AND READILY ACCESSIBLE LOCATION.
PRINT IN COLOR and to SCALE.

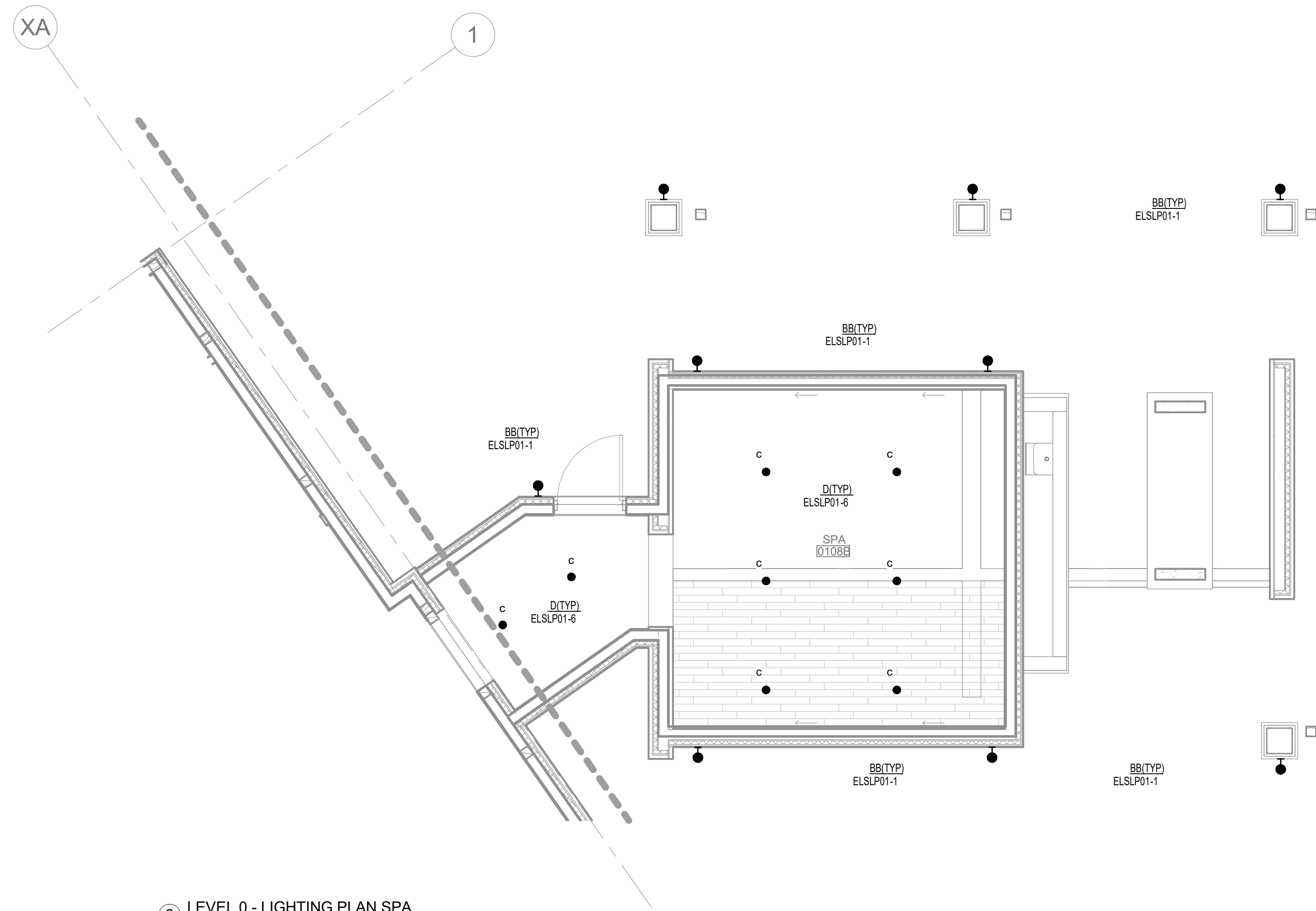
Electrical approval is by WA labor and industries, separate electrical permits are required.

LIGHT FIXTURE SCHEDULE

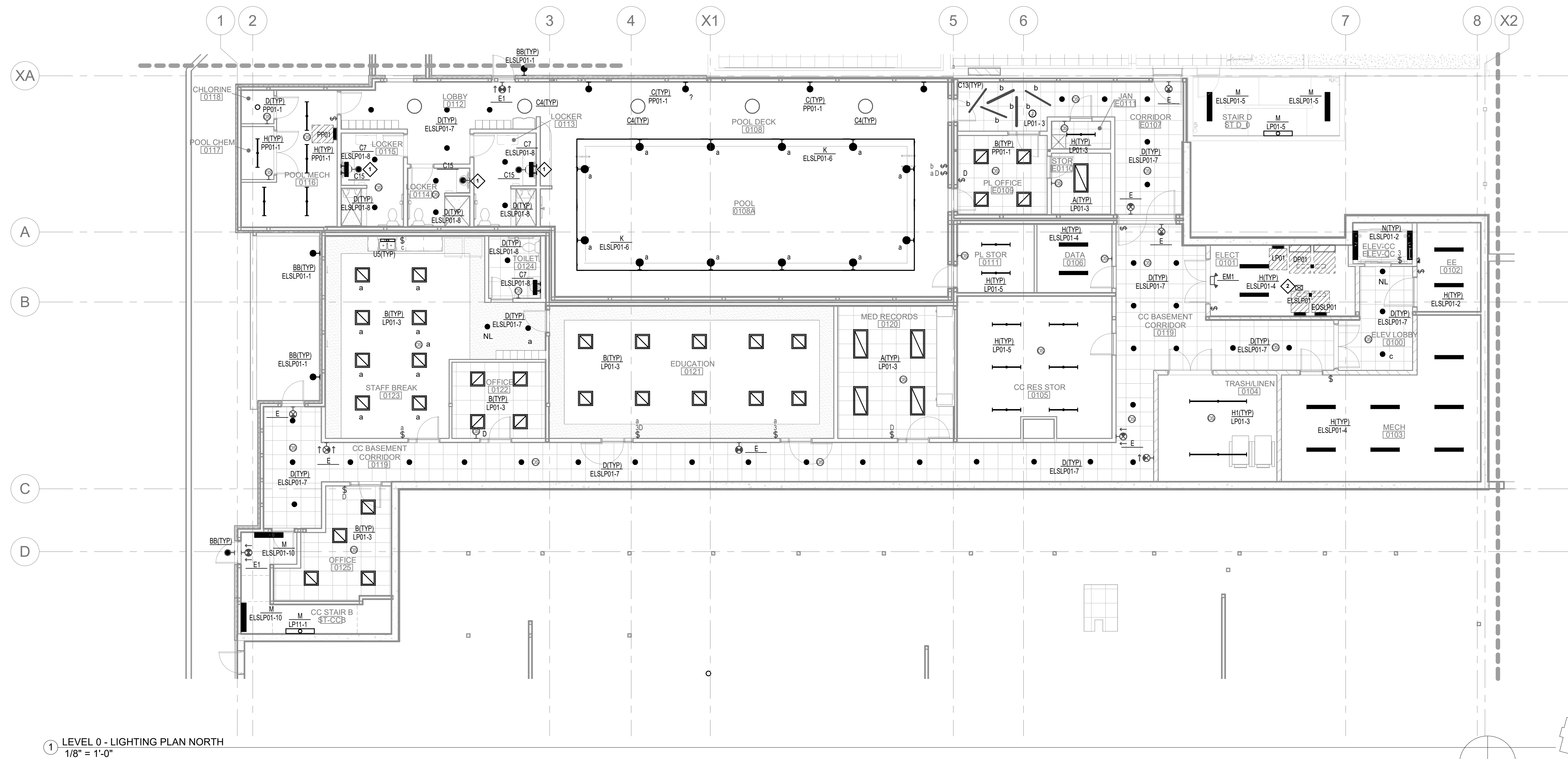
ID#	FIXTURE TYPE	MOUNTING	LAMPS	LENS, LIVERY, ETC.	MANUFACTURER'S CATALOG NUMBER	NOTES
L1	6" DISK LIGHT (UNIT LIGHT)	RECESSED	10W LED 1200 LUMENS 2700K	WHITE	ELITE: RL643-1000L/1300L-DIMTR/120-DIM/VOLT: 27K/30K/35K/40K/50K-90-WH OR APPROVED EQUAL	
L2	20" DECORATIVE (UNIT LED LIGHT)	SEMI-FLUSH	(3) 18W LED 2700K	WESTERN BRONZE & ETCHED GLASS (FROSTED)	QUOZZEL LIGHTING: ASHLAND QF12025W/1 OR APPROVED EQUAL	
L3	28" VANITY (UNIT BATHROOM)	SURFACE	(4) 9W LED 2700K	BRONZE	QUOZZEL LIGHTING: LANCASTER, 2507-4-88 OR APPROVED EQUAL	3
L4	NIGHT LIGHT (UNIT)	WALL	3.5W LED 3000K	WHITE	WAC LIGHTING: WL LED140 OR APPROVED EQUAL	
L5	UNDERCOUNTER LIGHT	SURFACE	1.5W PER FOOT LED, 3000K	LED TAPE LIGHT	KICHLER: #111085530WH OR APPROVED EQUAL	
L6	HEAT LAMP (UNIT BATHROOM)	RECESSED	250W	WHITE	BROAN: MODEL 161 OR APPROVED EQUAL	
G1	24" PENDANT (LOBBY DAYROOM)	SURFACE	(5) 10W LED 2700K	VERITY FINISH	MARCO CONTRACT: CC-6870 OR APPROVED EQUAL	
G2	18" DECORATIVE (COMMON CORRIDOR)	SURFACE	(4) 10W LED 2700K	OLD BRONZE	QUOZZEL: CDT11900Z OR APPROVED EQUAL	
G3	36" PENDANT (DINING)	CEILING	32.5W LED 2815 LUMENS 3000K	WALNUT FROSTED POLYMER	CERNO: PLURA PENDANT 06-230-36 OR APPROVED EQUAL	
G4	30" FLUSH MOUNT (PARLOR)	SURFACE	32.5W LED 2815 LUMENS 3000K	WALNUT FROSTED POLYMER	CERNO: PLURA FLUSH 06-100-30-W-F-30 OR APPROVED EQUAL	
G5	18" PENDANT (LINK ENTRY)	SURFACE	(5) 10W LED 2700K	DISTRESSED BLACK	KICHLER: ELBUR COLLECTION: #1264DBK OR APPROVED EQUAL	
G6	36" PENDANT (CHAPEL)	SURFACE	(1) 50W LED 3688 LUMENS	VERITY FINISH	LIGHTOLOGY: GRAC TUG313004 OR APPROVED EQUAL	9
G7	23" VANITY (RESTROOM)	WALL	(5) 9W LED 2700K	VINTAGE BRONZE	MINIKA LIVERY: 0963-284 OR APPROVED EQUAL	3
G8	GLASS PANEL (CHAPEL)	SURFACE	1.5W PER FOOT LED, 3000K	LED TAPE LIGHT	DSA SIGNAGE: LPS OR APPROVED EQUAL	
G9	LED EYEBALL (LOBBY)	RECESSED	10.0W 700 LUM 2700K	WHITE TRIM	HALO: B7C47NS LITHONIA: 401 OR APPROVED EQUAL	
C10	40" FLUSH MOUNT (PARLOR)	SURFACE	32.5W LED 2815 LUMENS 3000K	WALNUT FROSTED POLYMER	CERNO: PLURA FLUSH 06-100-30-W-F-46 OR APPROVED EQUAL	
C13	16" LINEAR PENDANT (CORRIDOR 10107)	SURFACE	120W 3000K	BLACK	AFX LIGHTING: AFX2180388 OR APPROVED EQUAL	
C14	4" SCONCE (WELLNESS)	WALL	10W 800 LUMENS 3000K	HAZEL BRONZE	HUNT LIGHTING: CALETTA LED MINI PENDANT #N82150412 OR APPROVED EQUAL	
C15	30"x42" LIGHTED MIRROR (LOCKER RM)	WALL	45W 604 LUMENS 3000K	MIRROR	INTENSITY LIGHTED MIRROR: 30"x42" LIGHTED MIRROR OR APPROVED EQUAL	
C16	TAPE LIGHT (UNIT ENTRY)	SURFACE	TAPE LIGHT IN TRACK	TAPE LIGHT IN TRACK	KICHLER: #111085530WH OR APPROVED EQUAL	
C17	48" LINEAR (CORRIDOR)	RECESSED	15W 3000K 3200 LUMENS	TITANIUM SILVER	LIDALITE: 2901LBQN-4-7-MVOLT-E-T-A48" OR APPROVED EQUAL	
C18	LINEAR (CONF. RM)	SURFACE	45W 3000K 4767 LUMENS	WHITE TRIM	CORLIETT BUDISM: B-WL SERIES OR APPROVED EQUAL	
C19	POOL FIXTURE	PENDANT	TBD	TBD	TBD	
AA	9" EXTERIOR SCONCE (MAIN ENTRIES)	WALL	12W LED BROWN OIL RUBBED FINISH	BROWN OIL RUBBED FINISH	HINKLEY LIGHTING: MANHATTAN 22340Z OR APPROVED EQUAL	
BB	11" EXTERIOR SCONCE (RETAIL)	WALL	(1) 12W LED BROWN OIL RUBBED FINISH	BROWN OIL RUBBED FINISH	HINKLEY LIGHTING: MANHATTAN 22350Z OR APPROVED EQUAL	
CC	6" DOWNLIGHT (CORRIDOR)	RECESSED	16W LED 1234 LUMENS 4000K	WHITE	HALO: SMD6 OR APPROVED EQUAL	
A	2X4 FLAT PANEL (STORAGE)	RECESSED	80W LED 8000 LUMENS 2700K	LENS	EATON: 24P827C9 OR APPROVED EQUAL	
A1	2X4 DIRECT INDIRECT (THEATRE)	RECESSED	45W 8000 LUMENS 2700K	BASKET	EATON: 24C2-3-5 UNV L827-CBU U OR APPROVED EQUAL	
B	2X2 DIRECT INDIRECT (OFFICE)	RECESSED	20W 4400 LUMENS 2700K	BASKET	EATON: 22C2-3-5 UNV L827-CBU U OR APPROVED EQUAL	1
Q	6" DOWNLIGHT (CORRIDOR)	VARIABLE	LED 1000-4000 LUMENS	WHITE FINISH	ELITE: RL643-1000L/1300L-DIMTR/120-DIM/VOLT: 27K/30K/35K/40K/50K-90-WH OR APPROVED EQUAL	
Q1	4" DOWNLIGHT (UNIT ENTRY)	RECESSED	10W LED 600 LUMENS 2700K	WHITE	ELITE: RS475-SL-CCT OR APPROVED EQUAL	
E	EXIT SINGLE FACE	SURFACE CEILING/WALL	LED INCLUDED	WHITE FINISH & GREEN LETTERS (MATCH EXISTING)	EATON: APK7G OR APPROVED EQUAL	11.12
E1	EXIT DOUBLE FACE	SURFACE CEILING/WALL	LED INCLUDED	WHITE FINISH & GREEN LETTERS (MATCH EXISTING)	EATON: APK7G OR APPROVED EQUAL	11.12
EM1	EMERGENCY LIGHT (BUSINESS)	WALL	LED INCLUDED	WHITE	LITHONIA: EUC2-B OR APPROVED EQUAL	2
H	4" LED STRIP	SURFACE CEILING	40W 4000 LUM 4000K	WHITE FINISH	METALUX: 4572L-4040R OR APPROVED EQUAL	
H1	8" LED STRIP	SURFACE CEILING	75W 9000 LUM 4000K	WHITE FINISH	METALUX: 8572L-4040R OR APPROVED EQUAL	
J	NOT USED					
K	LIGHTTRUSS RAIL (POOL)	SUSPENDED	LED 30W	WHITE	LIGHTTRUSS RAIL: LRU1209 OR APPROVED EQUAL	
M	STAIR LIGHT	SURFACE WALL	60W 4000 LUM 3000K	WHITE FINISH & ACRYLIC LENS	METALUX LIGHTING: FDR102170-40WLED-4000L-LUX-L85-L85-CBU-VF01 OR APPROVED EQUAL	3
U	48" ELEVATOR PIT	SURFACE WALL	52W 4000LUM 3000K	WHITE FINISH, RUBBED FROSTED LENS	EATON: AT45-LDS-4-G-UNV-L840-CBU U OR APPROVED EQUAL	

GENERAL NOTES:

- CONNECT UNDER COUNTER LIGHTS TO THE NEAREST 120V NORMAL CIRCUIT.
- COORDINATE FIXTURE FINISHES WITH ARCHITECT PRIOR TO SHOP DRAWING SUBMITTAL.
- ELECTRICAL CONTRACTOR TO VERIFY UNDERCOUNTER LENGTH WITH ARCHITECT & CABINET SUPPLIER.
- DUAL LIGHTING ASSEMBLIES SHALL BE PROVIDED WITH LAMP AND PHOTO MOUNTS TO MATCH THOSE SPECIFIED.
- COORDINATE ALL RECESSED LIGHTING ASSEMBLIES WITH CEILING TYPE, PROVIDE FLANGE BATHS AS REQUIRED.
- ALL LED LAMP WATTS & LUMENS ARE LISTED BASED ON DESIGN REQUIREMENTS.
<



2 LEVEL 0 - LIGHTING PLAN SPA
1/4" = 1'-0"



1 LEVEL 0 - LIGHTING PLAN NORTH
1/8" = 1'-0"

GENERAL ELECTRICAL LIGHTING NOTES

- CONTROL CORRIDOR LIGHT FIXTURES VIA LOCAL CONTROL AT NURSE STATION OR AREA'S WITH OCCUPANCY SENSOR UNLESS NOTED OTHERWISE.
- CONTROL BUILDING MOUNTED EXTERIOR LIGHT FIXTURES VIA SITE TIME CLOCK, UNLESS NOTED OTHERWISE. ELECTRICAL CONTRACTOR TO COORDINATE COMMON AREA LIGHTING CONTROL LOCATIONS WITH OWNER.
- ELECTRICAL CONTRACTOR TO VERIFY LOCATION OF ALL COMMON AREA LIGHTING CONTROL WITH OWNER/ARCHITECT.

SPECIFIC ELECTRICAL LIGHTING NOTES

- PROVIDE FIXTURE C15, LIGHTED MIRROR FIXTURES, CONTROL WITH LOCAL LIGHTING OCCUPANCY SENSOR & CIRCUIT.
- PROVIDE PHOTO-CELL FOR CONTROL OF EXTERIOR FIXTURES. PROVIDE 6 POLE LIGHTING CONTACTOR IN ELECTRICAL ROOM.

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Richard D. Becker
Signature

Richard D. Becker
Typed or Printed Name

Electrical Discipline 12/02/24 Date

WESLEY BRADLEY PARK PHASE 2 - CARE CENTER 707 39TH AVENUE SE PUYALLUP, WA 98374

CARE CENTER
PERMIT SET
December 2, 2024

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LEVEL 0 LIGHTING PLAN
NORTH

E1.0A

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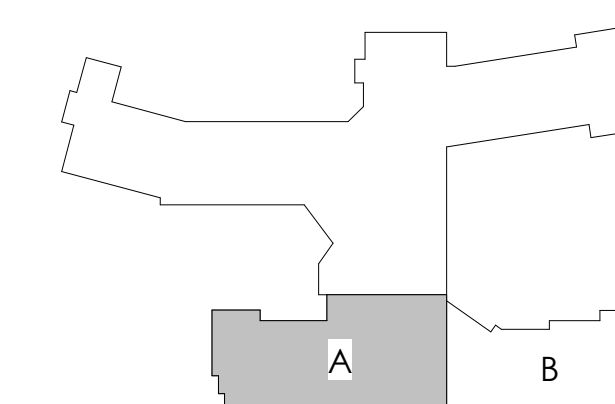
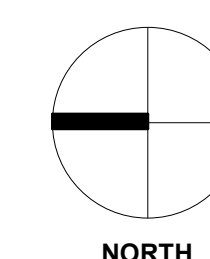
WESLEY BRADLEY PARK
PHASE 2 - CARE CENTER

LEVEL 1 LIGHTING PLAN
NORTH

E1.1A



① LEVEL 1 - LIGHTING PLAN NORTH
1/8" = 1'-0"



REFER TO SHEET E1.0A FOR NOTES

CARE CENTER
PERMIT SET
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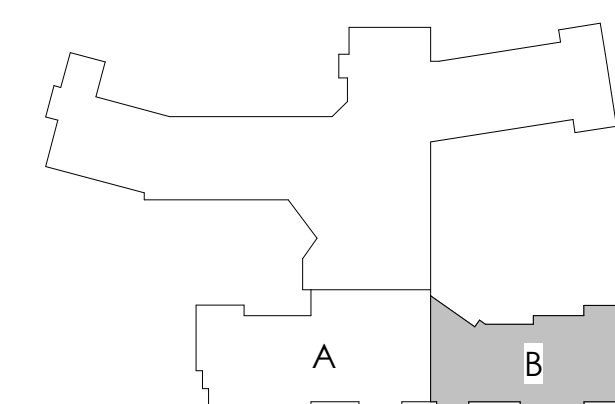
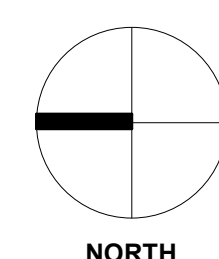
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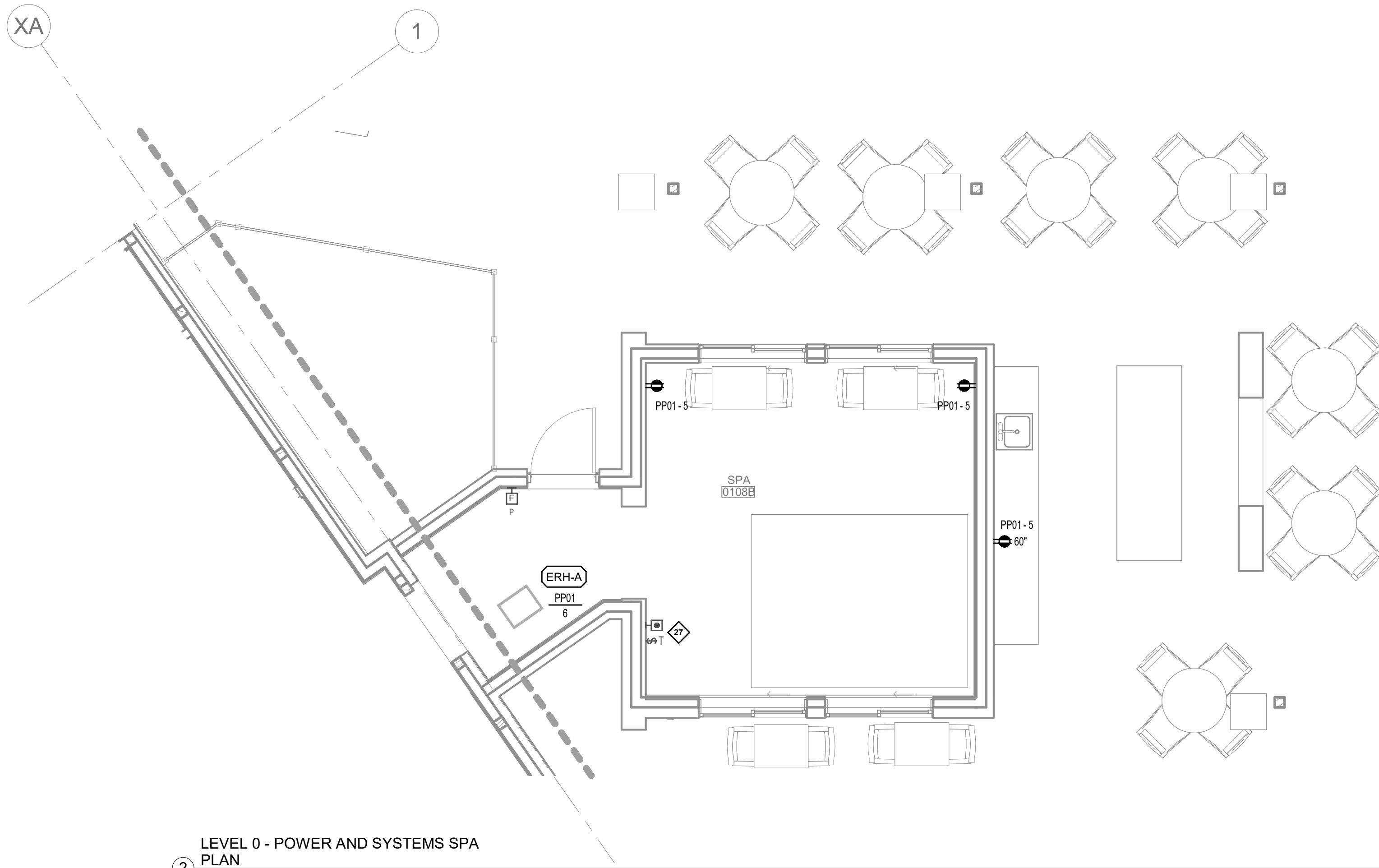
WESLEY BRADLEY PARK
PHASE 2 - CARE CENTER

LEVEL 1 LIGHTING PLAN
SOUTH

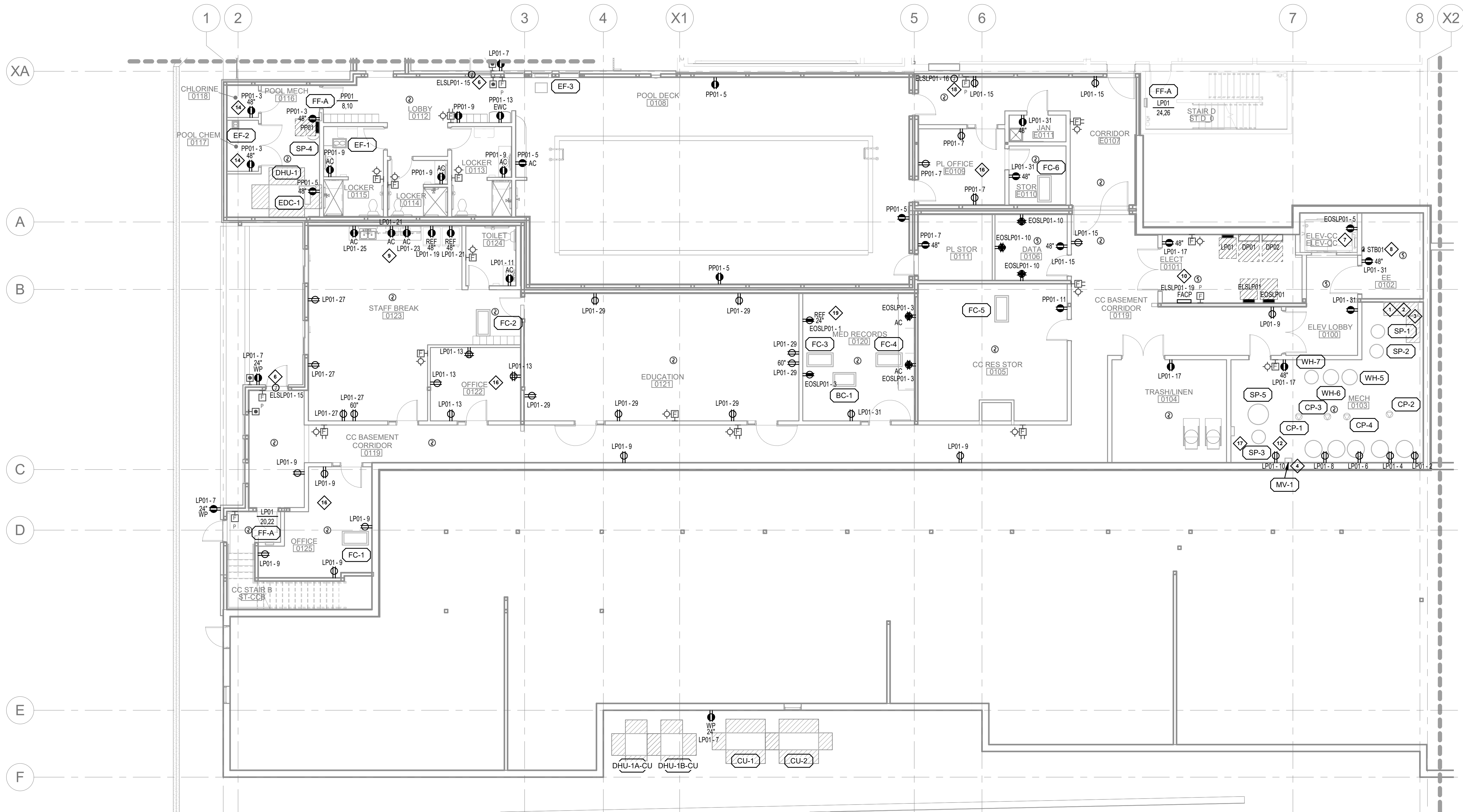
E1.1 B



REFER TO SHEET E1.0A FOR NOTES



LEVEL 0 - POWER AND SYSTEMS SPA
PLAN
1/4" = 1'-0"



LEVEL 0 - POWER AND SYSTEMS FLOOR
PLAN NORTH
1/8" = 1'-0"

- GENERAL POWER & SYSTEMS NOTES**
- VERIFY LOCATION OF ALL LIGHT FIXTURES & DEVICES WITH ARCHITECT PRIOR TO ROUGH-IN.
 - ELECTRICAL CONTRACTOR TO PROVIDE A LOCAL CODE COMPLIANT FIRE ALARM SYSTEM. TIE SKILLED NURSING SYSTEM IN TO THE LODGE FIRE ALARM SYSTEM. VERIFY MANUFACTURER. DEVICES INDICATED INDICATE A FIRE ALARM SYSTEM. NOT ALL DEVICES SHOWN. PROVIDE DEVICES REQUIRED.
 - PER SPECIFICATIONS, CONTRACTOR SHALL PROVIDE ACOUSTICALLY RATED, FLANGED, AIRTIGHT BOXES IN ALL CORRIDOR WALLS & TOP FLOOR CEILINGS.
 - AT ALL THROUGH PENETRATIONS AT FIRE-RESISTANCE RATING. PROVIDE APPROVED PENETRATION FIRESTOP SYSTEM INSTALLED & TESTED IN ACCORDANCE WITH ASTM E 814 OR UL 1479. INSTALLATION SHALL HAVE AN F & T RATING OF NOT LESS THAN THE ASSEMBLY BEING PROTECTED.
 - AT ALL MEMBRANE PENETRATIONS, ELECTRICAL BOX INSTALLATION SHALL COMPLY WITH IBC 713.3.2.
 - REFER TO UNIT PLANS FOR TYPICAL RESIDENT CONFIGURATIONS. CONTRACTOR SHALL COMPLETE ALL UNITS BASED ON TYPICAL UNITS.
 - POOL GROUNDING BY THE ELECTRICAL CONTRACTOR. COORDINATE WITH POOL CONTRACTOR & AHJ.
 - LOW VOLTAGE SYSTEMS BY OTHERS. COORDINATE ANY & ALL POWER CONNECTIONS WITH LOW VOLTAGE. COORDINATE POWER & SYSTEM DEVICE HEIGHT TO BE THE SAME.
 - PROVIDE POWER FOR ALL CARD READERS. COORDINATE WITH LOW VOLTAGE SUPPLIER EXACT LOCATIONS & REQUIREMENTS OF POWER SUPPLIES.
 - ACCESS CONTROL SHALL BE COMPATIBLE WITH EXISTING SYSTEM. COORDINATE WITH LOW VOLTAGE & OWNER.

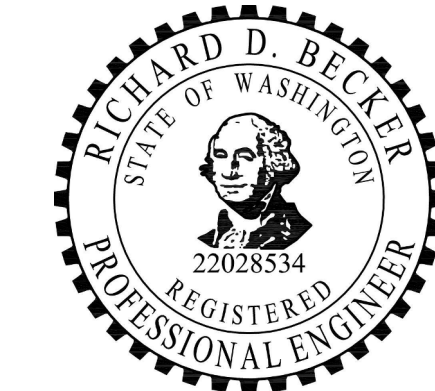
- SPECIFIC ELECTRICAL NOTES**
- DEDICATED AREA FOR INCOMING WATER SERVICE SYSTEM. REFER TO MECHANICAL PLANS & SPECIFICATIONS FOR FURTHER INFORMATION.
 - DEDICATED AREA FOR INCOMING SPRINKLER SERVICE SYSTEM. REFER TO MECHANICAL PLANS & SPECIFICATIONS FOR FURTHER INFORMATION.
 - DEDICATED FOR SPRINKLER SYSTEM AIR COMPRESSOR. VERIFY ELECTRICAL REQUIREMENTS WITH SPRINKLER SYSTEM INSTALLER PRIOR TO ROUGH-IN. COORDINATE COMPRESSOR CIRCUITRY WITH FIRE SPRINKLER CONTRACTOR TO THE LIFE SAFETY PANELBOARD.
 - PROVIDE POWER TO MIXING VALVE. COORDINATE EXACT REQUIREMENTS WITH PLUMBING CONTRACTOR TO PANEL LP01.
 - PROVIDE GROUNDING TO GAS METER.
 - PROVIDE POWER & CONTROL CONNECTIONS BETWEEN PUSHBUTTONS, KEYED SWITCH & ACCESS CONTROL SYSTEM AS REQUIRED FOR PROPER OPERATION.
 - PROVIDE DEDICATED CIRCUITS FOR ELEVATOR CAB POWER, LIGHTS & RECEPTACLES. COORDINATE EXACT FIRE ALARM PROVISIONS WITH AHJ & THE FIRE ALARM PROVIDER.
 - COORDINATE LOCATION OF ELEVATOR CONNECTION WITH ELEVATOR INSTALLER PRIOR TO ROUGH-IN. PROVIDE POWER FROM EOSLP01.
 - DEDICATED FOR DISHWASHER. MOUNT BELOW SINK TO ALLOW FOR PLUG CONNECTION. PROVIDE CONNECTION TO KP11 AS REQUIRED.
 - FIRE ALARM CONTROL PANEL.
 - PROVIDE FLOOR BOX WITH COVER & DEVICES SHOWN. WIREMOLD #WMFB SERIES OR EQUAL (Floor Lamps). COORDINATE LOCATION WITH ARCHITECT, INTERIORS & FURNITURE PROVIDER PRIOR TO ROUGH-IN.
 - DEDICATED FOR IRRIGATION SYSTEM. VERIFY ELECTRICAL REQUIREMENTS & LOCATION WITH PROVIDER PRIOR TO ROUGH-IN.
 - PROVIDE MECHANICALLY HELD POWER CONTACTOR WITH NEMA-1 ENCLOSURE & KEYED SWITCH WITH PILOT LIGHT FOR CONTROL OF RANGE POWER. CONNECT SO THAT PILOT LIGHT IS ON WHEN RANGE IS POWERED.
 - CORROSIVE ENVIRONMENT PER 2017 NEC 880.12 AND 880.14. ALL ELECTRICAL CONDUITS, DEVICES, LIGHT FIXTURES, J-BOXES & WIRING METHODS SHALL BE LISTED & IDENTIFIED FOR USE IN THIS AREA.
 - NOT USED.
 - CONNECT HALF OF SPLIT WIRED RECEPTACLES TO OCCUPANCY SENSOR WITHIN ROOM PER ASHRAE 90.1.
 - PROVIDE CONNECTION TO SUMP PUMP CONTROLLER FROM THE NEAREST 120V CIRCUIT.
 - PROVIDE EMERGENCY POWER & FIRE ALARM CONNECTION TO FIRE DOORS ON BOTH SIDES.
 - DEDICATED FOR UNDER CABINET REFRIGERATOR. VERIFY LOCATION & COORDINATE INSTALLATION WITH CABINET PROVIDER PRIOR TO ROUGH-IN.
 - PROVIDE GENERATOR ANNUNCIATOR PANEL. TIE INTO EXISTING LODGE GENERATOR AS REQUIRED.
 - PROVIDE FIRE ALARM ANNUNCIATOR CONNECTION INTO THE LODGE FIRE ALARM PANEL.
 - PROVIDE DEDICATED CIRCUIT PER UNIT FOR GENERAL LIGHTING & RECEPTACLE POWER.
 - PROVIDE EMERGENCY CIRCUIT FOR RECEPTACLES IN UNITS. SHARE CIRCUIT FOR THREE (3) ROOMS.
 - PROVIDE HVAC CIRCUIT FOR UNIT, SHARE CIRCUIT, SEE FLOOR PLANS.
 - PROVIDE GFI CIRCUIT FOR SPA TUB. COORDINATE EXACT CONNECTION WITH SUPPLIER.
 - PROVIDE WIREMOLD RFB4 FLOOR BOX FOR POWER & DATA. VERIFY EXACT LOCATION & SYSTEM REQUIREMENTS WITH LOW VOLTAGE. PROVIDE 2" CONDUIT FOR LOW VOLTAGE FROM FLOOR BOX TO WALL MOUNTED TV. COORDINATE.
 - PROVIDE CONNECTION TO SPA TIMER SWITCH & EMERGENCY SHUT-OFF EPO SWITCH, COORDINATE WITH POOL SUPPLIER & AHJ.
 - PROVIDE CONNECTION TO RANGE HOOD. COORDINATE WITH KITCHEN SUPPLIER EXACT REQUIREMENTS.
 - PROVIDE CEILING RECEPTACLE FOR EMERGENCY CALL REPEATERS. COORDINATE EXACT REQUIREMENTS WITH OWNERS SUPPLIER.
 - PROVIDE CORRIDOR RECEPTACLE @ 56" FOR TOUCH PANELS. COORDINATE EXACT LOCATION WITH OWNER. SEE DETAIL 6/A103.

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LEVEL 0 POWER &
SYSTEMS PLAN NORTH

E2.0A



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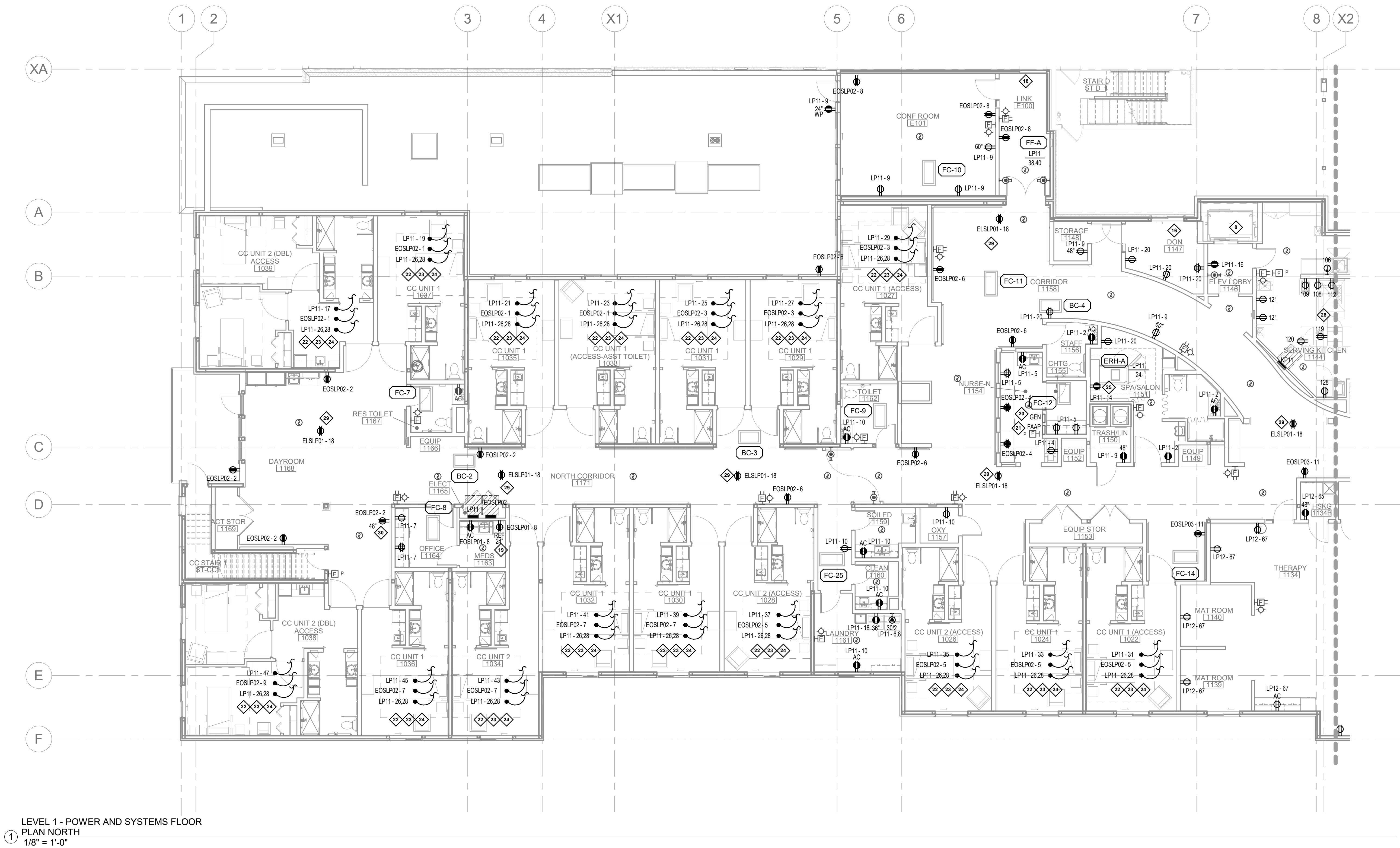
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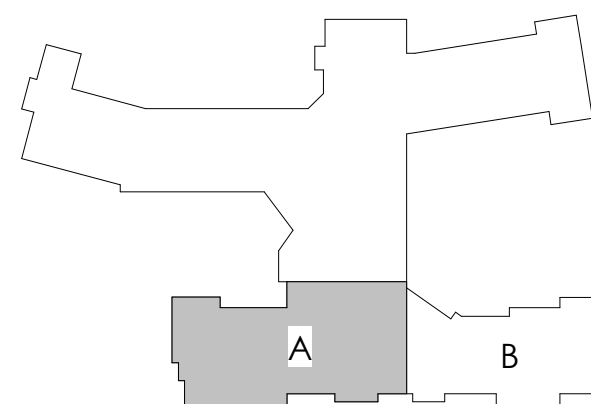
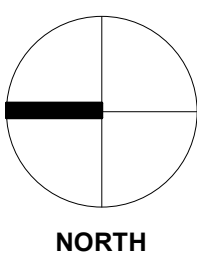
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LEVEL 1 POWER &
SYSTEMS PLAN NORTH

E2.1A



LEVEL 1 - POWER AND SYSTEMS FLOOR
PLAN NORTH
1/8" = 1'-0"



REFER TO SHEET E2.0A FOR NOTES

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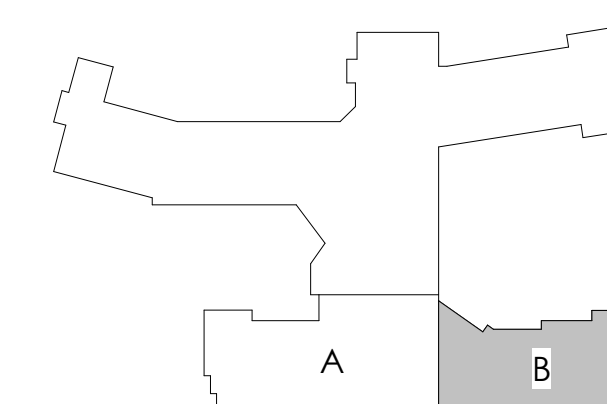
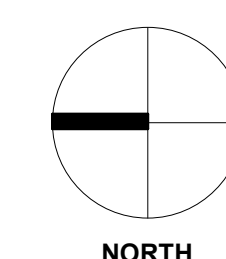
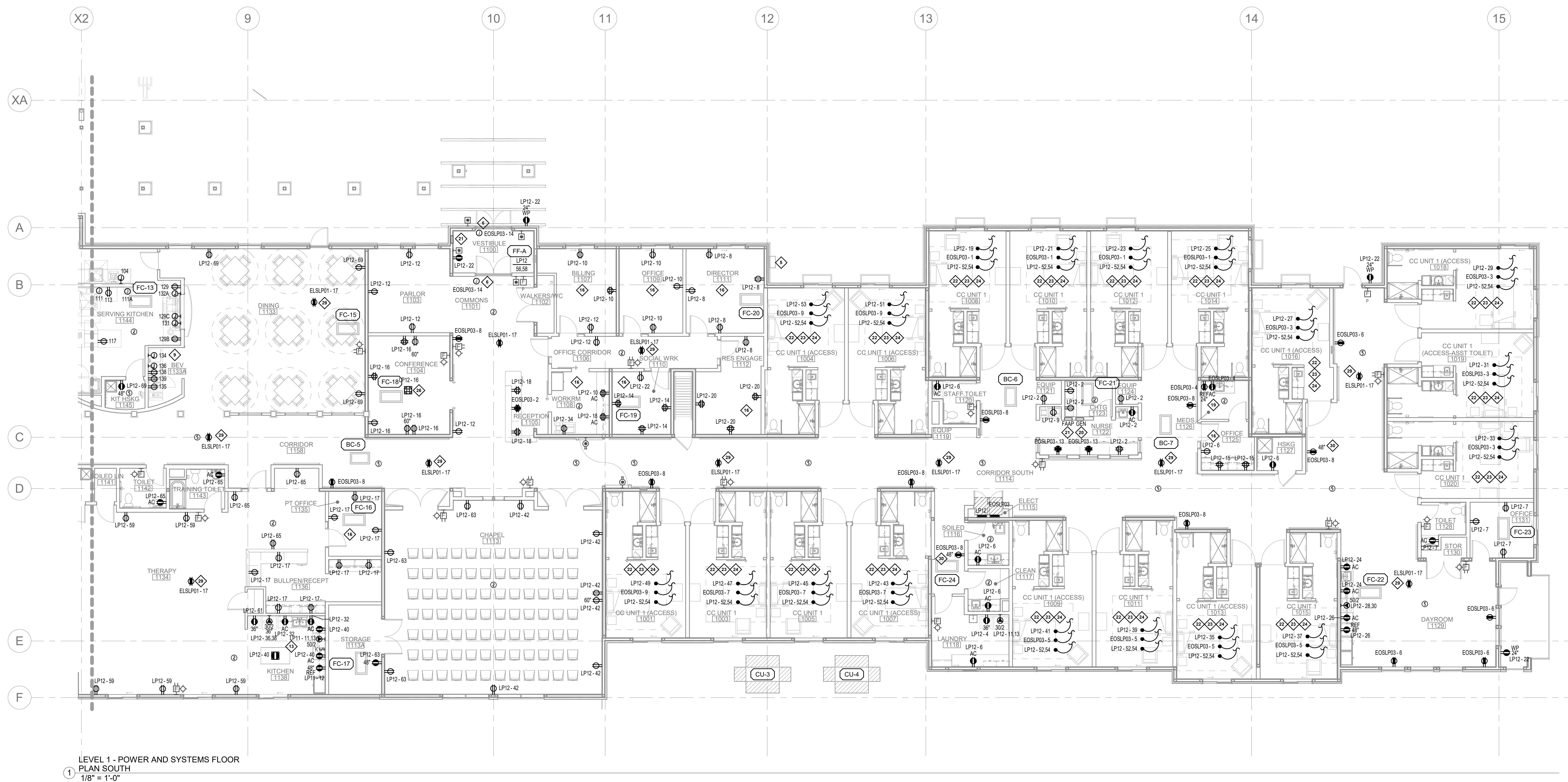
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LEVEL 1 POWER &
SYSTEMS PLAN SOUTH

E2.1 B



REFER TO SHEET E2.0A FOR NOTES



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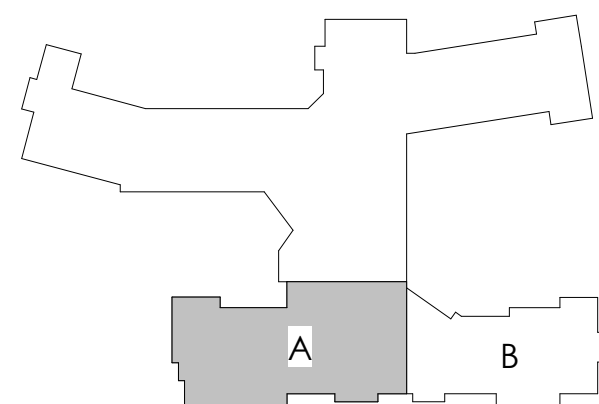
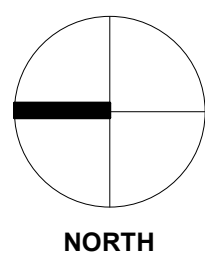
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ELECTRICAL ROOF PLAN
NORTH

E2.2A



1 ELECTRICAL ROOF PLAN NORTH
1/8" = 1'-0"



REFER TO SHEET E2.0A FOR NOTES



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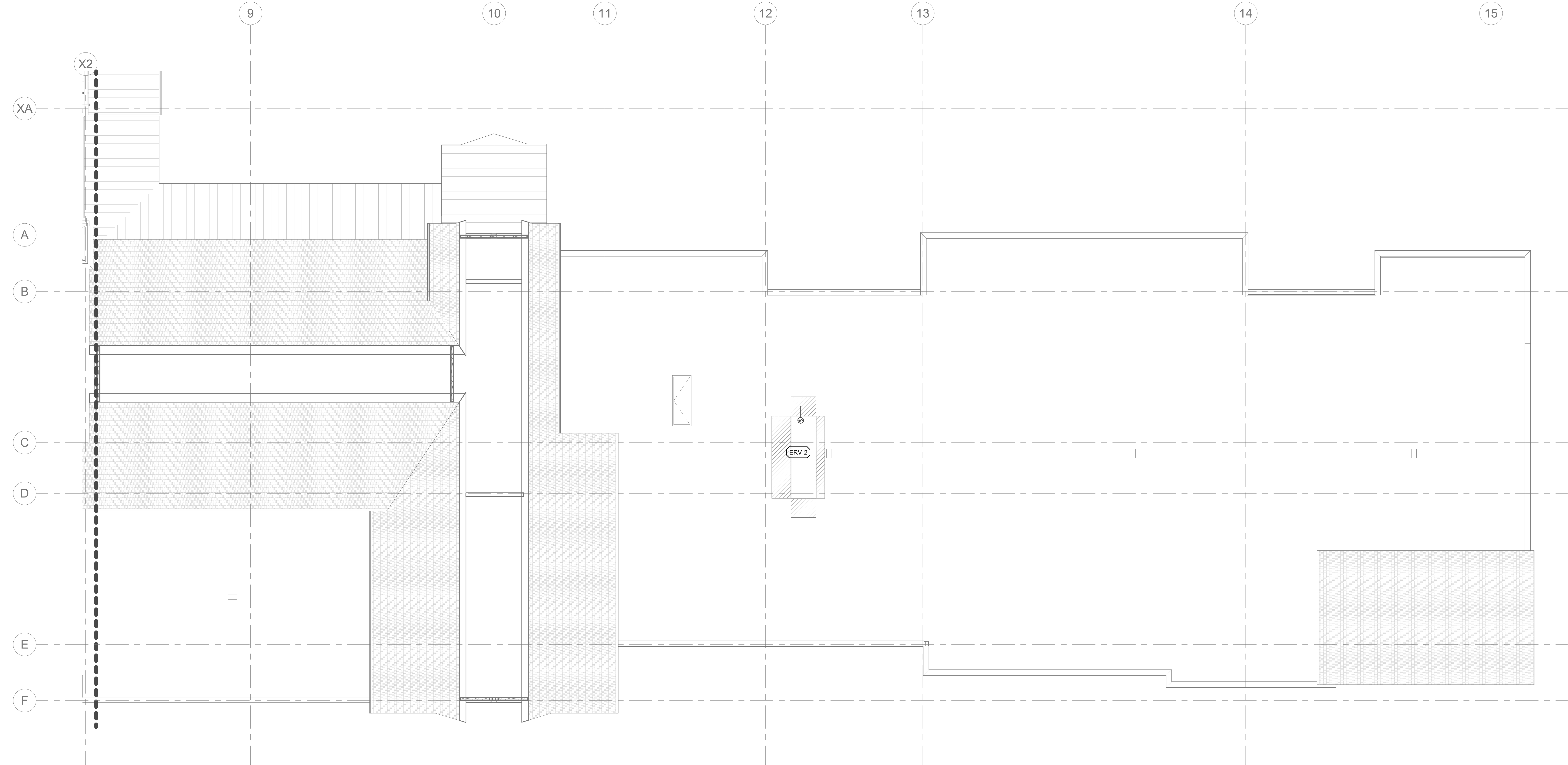
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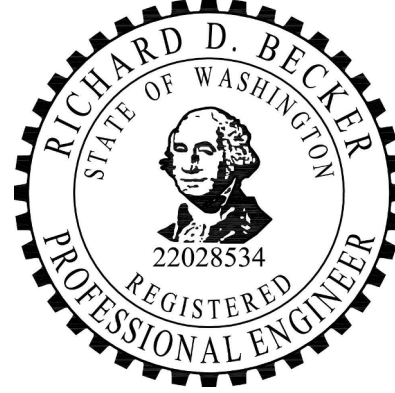
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ELECTRICAL ROOF PLAN
SOUTH

E2.2B



1 ELECTRICAL ROOF PLAN SOUTH
1/8" = 1'-0"



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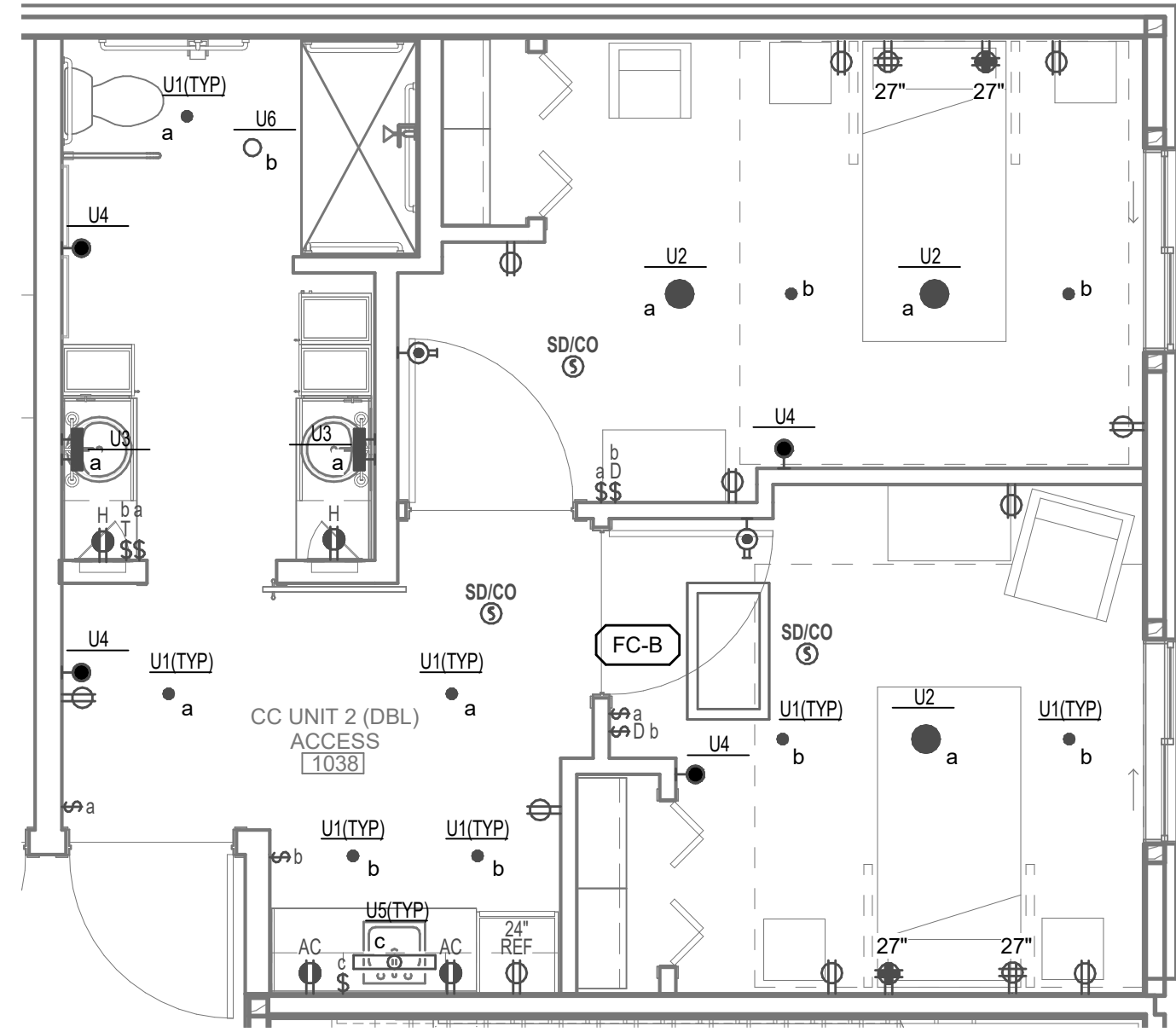
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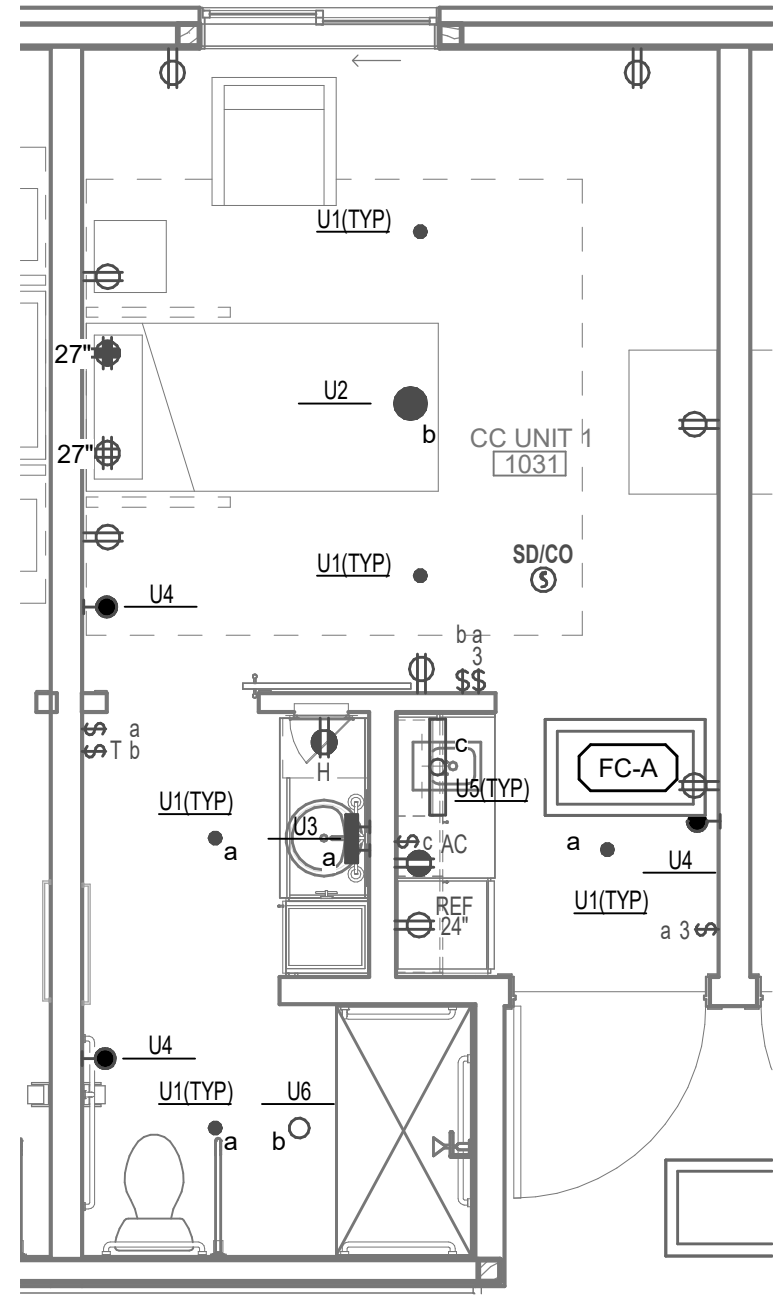
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ELECTRICAL UNITS

E3.0



② CC UNIT 2 (DBL) ELECTRICAL PLAN
1/4" = 1'-0"



① CC UNIT 1 ELECTRICAL PLAN
1/4" = 1'-0"

GENERAL ELECTRICAL UNIT NOTES

- CONTRACTOR SHALL COMPLETE ALL UNITS BASED ON TYPICAL UNIT DESIGNS. COORDINATE DEVICE LOCATION BASED ON UNIT MOCK-UP.
- CONTRACTOR SHALL COMPARE TYPICAL UNIT DESIGNS WITH ARCHITECTURAL REFLECTED CEILING PLANS PRIOR TO BID. THE QUANTITY & CONDITION OF LIGHT FIXTURES MOST FAVORABLE TO THE OWNER SHALL BE BID.
- PER SPECIFICATIONS, CONTRACTOR SHALL PROVIDE ACOUSTICALLY RATED, FLANGED, AIRTIGHT BOXES IN ALL UNIT CORRIDOR WALLS, ALL UNIT PARTY WALLS, ALL UNIT TOP FLOOR CEILINGS, UNIT EXTERIOR WALLS & ALL UNIT FLOOR/CEILING ASSEMBLIES.
- AT ALL THROUGH PENETRATIONS AT FIRE-RESISTANCE RATING, PROVIDE APPROVED PENETRATION FIRESTOP SYSTEM INSTALLED AND TESTED IN ACCORDANCE WITH ASTM E 814 OR UL 1479. INSTALLATION SHALL HAVE AN F & T RATING OF NOT LESS THAN THE ASSEMBLY BEING PROTECTED.
- AT ALL MEMBRANE PENETRATIONS, ELECTRICAL BOX INSTALLATION SHALL COMPLY WITH IBC 713.3.2.
- PROVIDE SYSTEM DUAL RELAY SMOKE DETECTORS WITHIN UNITS. PROVIDE CONNECTION BETWEEN SMOKE DETECTOR & NURSE CALL SYSTEM. ACTIVATION SHALL ANNUNCIATE AT THE FAAP & NURSE CALL SYSTEM. REFER TO FIRE ALARM SPECIFICATIONS.
- PROVIDE HOSPITAL GRADE RECEPTACLES IN SKILLED NURSING ROOMS.
- PROVIDE ARC FAULT/GFCI BREAKERS FOR ALL CIRCUITRY.
- SKILLED NURSING ROOMS SHALL HAVE A DUAL RELAY SMOKE DETECTOR. PROVIDE WIRING TO THE NURSE CALL DOME LIGHT AS REQUIRED FOR PROPER OPERATION. COORDINATE WITH WIRELESS NURSE CALL PROVIDER.
- COORDINATE TV RECEPTACLE HEIGHT WITH ARCHITECT.
- PROVIDE RED RECEPTACLES FOR EMERGENCY POWER CIRCUITS. ELECTRICAL CONTRACTOR TO VERIFY WITH ARCHITECT OR OWNER ALL MOUNTING HEIGHTS.

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ELECTRICAL RISERS

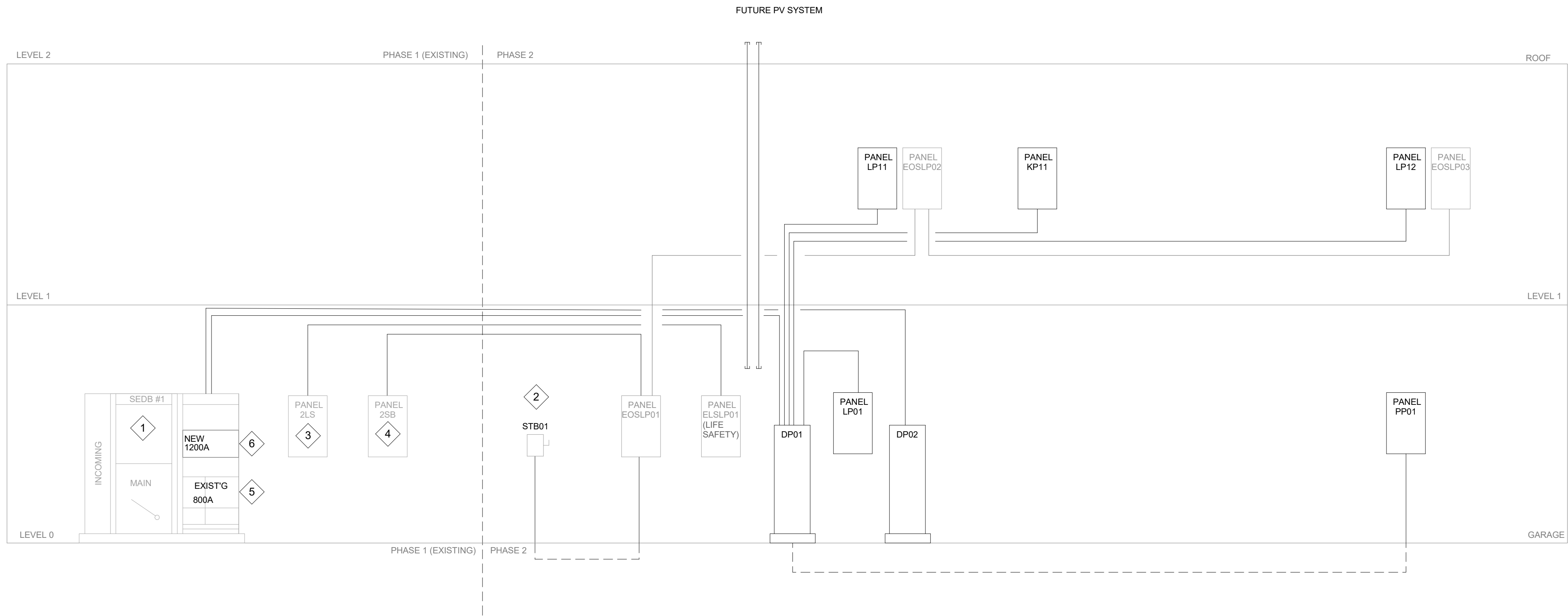
E4.0

GENERAL ELECTRICAL RISER NOTES:

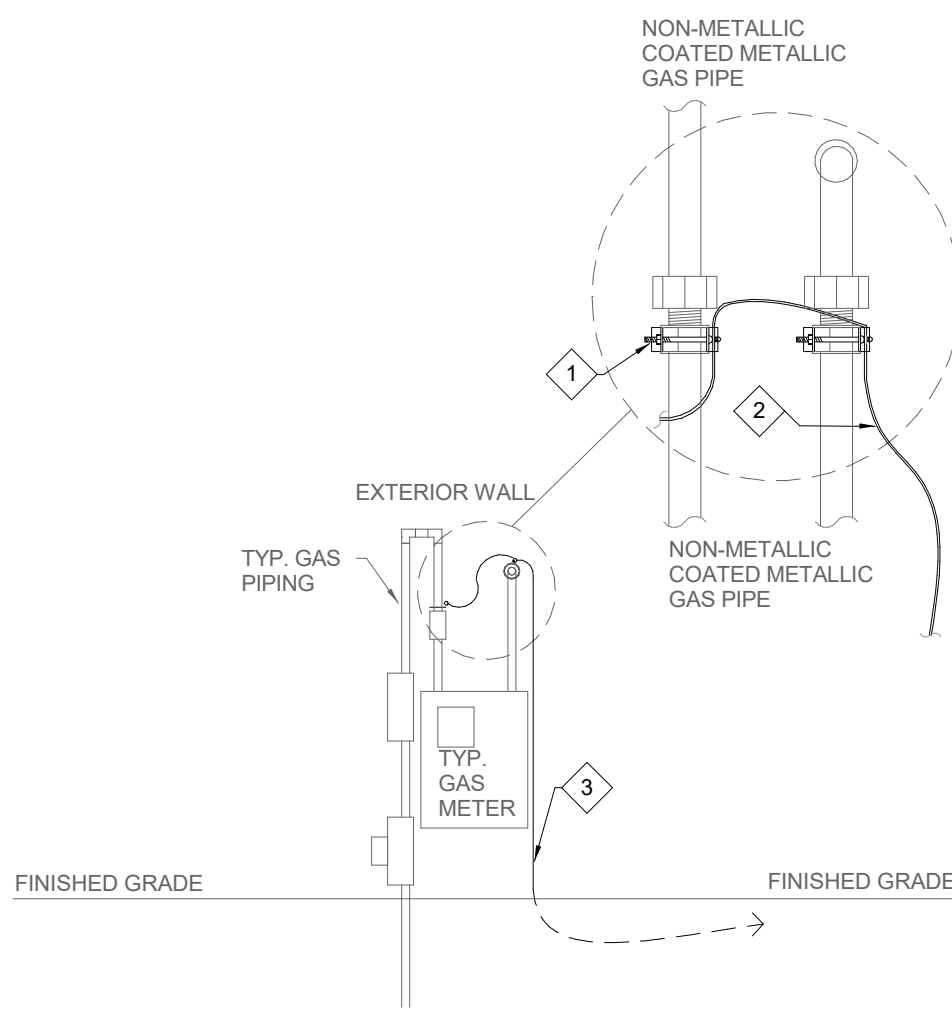
- ELECTRICAL CONTRACTOR TO COORDINATE WITH ELEVATOR MANUFACTURER.
- COMMUNICATION CONDUIT RUNS SHALL CONTAIN SWEEPS. 90 DEGREE BENDS ARE NOT ALLOWED.
- ALL CONDUIT SLEEVE SIZES & LOCATIONS TO BE VERIFIED WITH LOW VOLTAGE SUPPLIERS.
- ELECTRICAL CONTRACTOR TO COORDINATE LOW VOLTAGE CONDUITS WITH SUPPLIER. PROVIDE RACEWAYS AS REQUIRED.
- PROVIDE TWO (3") CONDUITS FOR FUTURE PV SYSTEM FROM ELECTRICAL ROOM TO ROOF. COORDINATE EXACT REQUIREMENTS WITH PV INSTALLER.

SPECIFIC ELECTRICAL RISER NOTES:

- EXISTING LODGE SWITCHBOARD.
- PROVIDE 603P SHUNT-TRIP CIRCUIT BREAKER FOR ELEVATOR. VERIFY WITH ELEVATOR MANUFACTURER EXACT LOCATION & SIZE.
- EXISTING LIFE SAFETY PANELBOARD FROM THE LODGE ELECTRICAL ROOM. FIELD VERIFY. PROVIDE A 100A/3PH FEEDER & CIRCUIT BREAKER FROM PANEL 2LS TO ELSLP01.
- EXISTING OPTIONAL PANELBOARD FROM THE LODGE ELECTRICAL ROOM. FIELD VERIFY. PROVIDE A 400A/3PH FEEDER & CIRCUIT BREAKER FROM PANEL 2SB TO EOSLP01.
- EXISTING 800A C.B. TO FEED NEW SKILLED NURSING HOME DISTRIBUTION BOARD DP02 TO FEED NEW WATER HEATERS.
- PROVIDE NEW 1200 C.B. TO FEED DP01 IN NEW SKILLED NURSING FACILITY. COORDINATE EXACT REQUIREMENTS ON SITE.



1 ELECTRICAL RISER DIAGRAM
NOT TO SCALE



2 SINGLE METER GAS PIPING BONDING DETAIL
NO SCALE

SINGLE METER GAS PIPING BONDING GENERAL NOTES

- COMPLETE BONDING INSTALLATION SHALL CONFORM TO NFPA-70, NEC-250 AND UL467.
- CLAMPS SHALL NOT BE INSTALLED ON NON-METALLIC COATED GAS PIPING.
- THE #6 BONDING CONDUCTOR SHALL BE ONE CONTINUOUS PIECE WITH NO SPLICES.

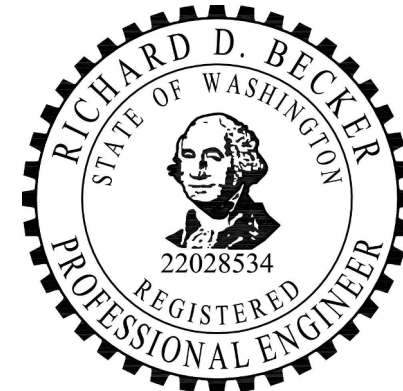
SINGLE METER GAS PIPING BONDING SPECIFIC NOTES

- PROVIDE BONDING CLAMPS FOR GAS PIPE FITTING. INSTALL ON METALLIC NUT OF CONNECTOR AFTER PIPE CONNECTIONS HAVE BEEN MADE & TESTED. CLAMP SHALL BE COMPATIBLE WITH METAL NUT TO PREVENT CORROSION & SHALL ACCEPT A MINIMUM #6 COPPER BONDING CONDUCTOR. STORM COPPER COMPONENTS CO. #1462-UPC-GVN-JR0 OR EQUAL. TYPICAL.
- PROVIDE MINIMUM #6 BARE COPPER BONDING CONDUCTOR.
- ROUTE BONDING CONDUCTOR FROM MANIFOLD SIDE OF METER DIRECT BURIED TO BUILDING SERVICE GROUND ROD & CLAMP. FIELD VERIFY EXACT ROUTING & LOCATION OF SERVICE GROUND ROD(S).

DISTRIBUTION EQUIPMENT SCHEDULE								
PANEL NO.	VOLTAGE	MOUNTING	AIC	MAIN / RATING	# OF CCTS	BREAKERS DISC. REQUIRED	FEEDER FROM	NOTES
EXISTING SWBD (SEDB #1)	120/208V 3PH, 4W	FLOOR	65K	4000A	-	-	-	-
EOSLP01 (OPTIONAL)	120/208V 3PH, 4W	SURFACE	22K	400A	SEE SCHEDULES	SEE SCHEDULES	3-1/2" C. 4#500 & #3 GRD. FROM 2SB	1
ELSLP01 (LIFE SAFETY)	120/208V 3PH, 4W	SURFACE	10K	100A	SEE SCHEDULES	SEE SCHEDULES	1-1/2" C. 4#2 & #6 GRD. FROM 2LS	1
STB01	208V 3PH, 3W	SURFACE	5K	603 SHUNT-TRIP	-	603P	1" C. 3#6 & #10 GRD. FROM EOSLP01	2,4
DP01	120/208V 3PH, 4W	SURFACE	42K	1200A	SEE SCHEDULES	SEE SCHEDULES	(4) 3" C. 4#350 & 3/0 GND. FROM SEDB #1	
DP02	120/208V 3PH, 4W	SURFACE	42K	800A	SEE SCHEDULES	SEE SCHEDULES	(2) 3" C. 4#500 & 1/0 GND. FROM SEDB #1	
KP11	120/208V 3PH, 4W	RECESSED	10K	200A MLO	SEE SCHEDULES	SEE SCHEDULES	2" C. 4#30 & #6 GND. FROM DP01	1
LP01	120/208V 3PH, 4W	SURFACE	10K	200A MLO	SEE SCHEDULES	SEE SCHEDULES	2" C. 4#30 & #6 GND. FROM DP01	1
PP01	120/208V 3PH, 4W	SURFACE	10K	200A MLO	SEE SCHEDULES	SEE SCHEDULES	2" C. 4#30 & #6 GND. FROM DP01	1
LP11	120/208V 3PH, 4W	SURFACE	10K	200A	SEE SCHEDULES	SEE SCHEDULES	2" C. 4#30 & #6 GRD. FROM DP01	1
LP12	120/208V 3PH, 4W	SURFACE	10K	200A	SEE SCHEDULES	SEE SCHEDULES	2" C. 4#30 & #6 GRD. FROM DP01	1
EOSLP02	120/208V 3PH, 4W	SURFACE	10K	100A	SEE SCHEDULES	SEE SCHEDULES	1 1/4" C. 4#3 & #8 GRD. FROM EOSLP01	1,3
EOSLP03	120/208V 3PH, 4W	SURFACE	10K	100A	SEE SCHEDULES	SEE SCHEDULES	1 1/4" C. 4#3 & #8 GRD. FROM EOSLP02	1

DISTRIBUTION SCHEDULE NOTES

- FILL REMAINDER OF PANEL WITH 201" POLE BREAKERS.
- MAKE CONNECTION TO ELEVATOR EQUIPMENT. COORDINATE LOCATION.
- PROVIDE FEED-THRU LUGS.
- PROVIDE CONNECTION TO ELEVATOR SHUNT-TRIP. COORDINATE WITH MANUFACTURER.

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REVISIONS

No. Description Date

ISA202201

PROJECT NUMBER

DJL

JLA

DRAWN BY

CHECKED BY

WESLEY BRADLEY PARK

PHASE 2 - CARE CENTER

ELECTRICAL PANEL
SCHEDULES

E5.0

PANELBOARD: ELSLP01													
LOCATION: ELECT 0101				VOLTAGE: 120/208 Wye V. 3 ø 4 W.									
MOUNTING: SURFACE NEMA1				A.I.C. RATING: 10,000 AMPS SYMMETRICAL									
MAIN DEVICE: 100 A MLO				SPECIAL:									
BUS AMPS: 100 AMPS													
LOAD DESCRIPTION	BKR	POLES	CKT	PHASE A kVA	PHASE B kVA	PHASE C kVA	CKT	POLES	BKR	LOAD DESCRIPTION			
LITES - EXTERIOR	20 A	1	1	0.5	0.3		2	1	20 A	LITES - ELEVATOR			
LITES - STAIR ST-CC	20 A	1	3		0.1	0.6	4	1	20 A	LITES - GARAGE LEVEL			
LITES - STAIR D	20 A	1	5			0.2	0.7	6	1	20 A	LITES - POOL AREA		
LITES - LV0 CORRIDORS	20 A	1	7	0.7	0.2		8	1	20 A	LITES - LV0			
LITES - LV1 CORRIDORS	20 A	1	9		1.1	0.1	10	1	20 A	LITES - STAIR B			
LITES - LV1	20 A	1	11			0.6	0.7	12	1	20 A	LITES - LV1		
LITES - LV1	20 A	1	13	1.0	1.1		14	1	20 A	LITES - LV1 CORRIDORS			
Other	20 A	1	15		0.0	0.8	16	1	20 A	UC REFRIGERATOR			
RCPT - NURSE CALL	20 A	1	17			2.2	1.1	18	1	20 A	RCPT - NURSE CALL		
FACP RM 0101	20 A	1	19	1.0			20						
			21				22						
			23				24						
			25				26						
			27				28						
			29				30						
			31				32						
			33				34						
			35				36						
			37				38						
			39				40						
			41				42						
TOTAL LOAD:				5 kVA	3 kVA	5 kVA							
TOTAL AMPS:				43 A	23 A	48 A							
PANEL TOTALS				PANEL TOTALS									
CONNECTED LOAD:				13037 VA					CONNECTED LOAD: 13037 VA				
ESTIMATED DEMAND:				14421 VA					ESTIMATED DEMAND: 14421 VA				
CONNECTED CURRENT:				36 A					CONNECTED CURRENT: 36 A				
EST. DEMAND CURRENT:				40 A					EST. DEMAND CURRENT: 40 A				
NOTES:													

PANELBOARD: EOSLP01													
LOCATION: ELECT 0101				VOLTAGE: 120/208 Wye V. 3 ø 4 W.									
MOUNTING: SURFACE NEMA1				A.I.C. RATING: 10,000 AMPS SYMMETRICAL									
MAIN DEVICE: 400 A MLO				SPECIAL:									
BUS AMPS: 400 AMPS													
LOAD DESCRIPTION	BKR	POLES	CKT	PHASE A kVA	PHASE B kVA	PHASE C kVA	CKT	POLES	BKR	LOAD DESCRIPTION			
RCPT - FRIDGE RM 0102	20 A	1	1	0.6	5.0		2	3	60 A	STB01			
RCPT - RM 0102	20 A	1	3		0.9	5.0	4	--	--				
RCPT - EVEV-CC	20 A	1	5			0.2	5.0	6	--	--			
CU-2 EXTERIOR	60 A	3	7	5.5	0.8		8	1	20 A	RCPT - RM 1103			
--	--	--	9		5.5	0.5	10	1	20 A	RCPT			
--	--	--	11			5.5	0.1	12	2	15 A	BC-1 RM 0120		
EOSLP02, EOSLP03	100 A	3	13	1...	0.1		14	--	--				
--	--	--	15		6.3		16	--	--				
--	--	--	17			4.9	18						
			19				20						
			21				22						
			23				24						
			25				26						
			27				28						
			29				30						
			31				32						
			33				34						
			35				36						
			37				38						
			39				40						
			41				42						
TOTAL LOAD:				23 kVA	18 kVA	16 kVA							
TOTAL AMPS:				197 A	155 A	130 A							
PANEL TOTALS													
CONNECTED LOAD:							57109 VA						
ESTIMATED DEMAND:							45282 VA						
CONNECTED CURRENT:							159 A						
EST. DEMAND CURRENT:							126 A						
PANEL TOTALS													
CONNECTED LOAD:							57109 VA						
ESTIMATED DEMAND:							45282 VA						
CONNECTED CURRENT:							159 A						
EST. DEMAND CURRENT:							126 A						
NOTES:													

PANELBOARD: EOSLP02														
LOCATION: ELECT 1165				VOLTAGE: 120/208 Wye V. 3 ø 4 W.										
MOUNTING: SURFACE NEMA1				A.I.C. RATING: 10,000 AMPS SYMMETRICAL										
MAIN DEVICE: 100 A MLO				SPECIAL:										
BUS AMPS: 100 AMPS														
LOAD DESCRIPTION	BKR	POLES	CKT	PHASE A kVA	PHASE B kVA	PHASE C kVA	CKT	POLES	BKR	LOAD DESCRIPTION				
UNITS 1031,1033,1035,1037	20 A	1	1	1.2	0.9		2	1	20 A	1114 & CORR RCPT				
UNITS 1023, 1025, 1029	20 A	1	3		0.9	0.7	4	1	20 A	RCPT - RM 1109				
UNITS 1020,1022,1024,1026	20 A	1	5			1.2	0.9	6	1	20 A	CORR & DINING RCPT			
UNITS 1028,1030,1032,1034	20 A	1	7	1.2	0.5		8	1	20 A	RCPT				
UNITS 1036,1038	20 A	1	9		0.6	0.3	10	2	15 A	BC's				
			11				0.3	12	--	--				
			13	1.0				14	2	15 A	FC's			
			15		1.0			16	--	--				
			17					18						
			19					20						
			21					22						
			23					24						
			25					26						
			27					28						
			29					30						
			31					32						
			33					34						
			35					36						
			37					38						
			39					40						
			41					42						
TOTAL LOAD:				11 kVA	6 kVA	5 kVA								
TOTAL AMPS:				96 A	54 A	41 A								
PANEL TOTALS														
CONNECTED LOAD:							22526 VA							
ESTIMATED DEMAND:							18694 VA							
CONNECTED CURRENT:							63 A							
EST. DEMAND CURRENT:							52 A							
PANEL TOTALS														
CONNECTED LOAD:							22526 VA							
ESTIMATED DEMAND:							18694 VA							
CONNECTED CURRENT:							63 A							
EST. DEMAND CURRENT:							52 A							
NOTES:														

PANELBOARD: EOSLP03														
LOCATION: ELECT 1115				VOLTAGE: 120/208 Wye V. 3 ø 4 W.										
MOUNTING: SURFACE NEMA1				A.I.C. RATING: 10,000 AMPS SYMMETRICAL										
MAIN DEVICE: 100 A MLO														
BUS AMPS: 100 AMPS														
LOAD DESCRIPTION		BKR	POLES	CKT	PHASE A		PHASE B		PHASE C		CKT	POLES	BKR	LOAD DESCRIPTION
					KVA		KVA		KVA					
UNITS 1002,1004,1006,1010		20 A	1	1	1.2	0.4					2	1	20 A	RCPT - RM 1054
UNITS 1012,1014,1016,1018		20 A	1	3			1.2	0.4			4	1	20 A	1085 FRIDGE
UNITS 1013.		20 A	1	5							6	1	20 A	CORR RCPT
UNITS 1007,1009,1011		20 A	1	7	0.9	1.6					8	1	20 A	1087
UNITS 1001,1003,1005		20 A	1	9			0.9	0.3			10	2	15 A	BC's
RCPT - RM 1074A		20 A	1	11					0.4	0.3	12	--	--	--
RCPT - RM 122		20 A	1	13	0.7	1.7					14	1	20 A	DOOR OPS. RM 1050
				15										
				17										
				19										
				21										
				23										
				25										
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				351										



Richard D. Becker
Signature

Richard D. Becker
Typed or Printed Name

Electrical 12/02/24
Discipline Date

WESLEY BRADLEY PARK
PHASE 2 - CARE CENTER
707 39TH AVENUE SE
PUYALLUP, WA 98374

CARE CENTER
PERMIT SET
December 2, 2024

REVISIONS

No. Description Date

ISA202201
PROJECT NUMBER

DJL JLA
DRAWN BY CHECKED BY

WESLEY BRADLEY PARK
PHASE 2 - CARE CENTER

ELECTRICAL PANEL
SCHEDULES

E5.1

PANELBOARD: KP11

LOCATION: SERVING KITCHEN 1144 VOLTAGE: 120/208 Wye V, 3 ø 4 W.
MOUNTING: RECESSED NEMA1 A.I.C. RATING: 10,000 AMPS SYMMETRICAL
MAIN DEVICE: 200 A MLO SPECIAL:
BUS AMPS: 200 AMPS

LOAD DESCRIPTION	BKR	POLES	CKT	PHASE A kVA	PHASE B kVA	PHASE C kVA	CKT	POLES	BKR	LOAD DESCRIPTION	
LITES - RM 1064	20 A	1	1	0.6	5.6		2	3	60 A	106 - DISHWASHER	
104 - DISPOSAL	15 A	3	3		0.6	5.6	4	--	--		
	--	--	5				6	--	--		
	--	--	7	0.6	0.7		8	1	20 A	108,121 - CONVENIENCE	
111A - FIRE PROTECTION	20 A	1	9		0.2	1.8	10	1	20 A	109 - PANINI GRILL	
112 - BURNER	20 A	1	11		0.7	0.5	12	1	20 A	133, 117 - CONVENIENCE	
111 - EXHAUST HOOD	20 A	1	13	1.2	1.6		14	1	20 A	120 - MICROWAVE	
119 - TOASTER	25 A	1	15		2.2	2.5	16	2	30 A	129C - HOT WELLS	
129B - HEATED DISH	20 A	1	17			0.5	2.5	18	--	--	
131 - HEAT LAMPS	20 A	1	19	1.2	0.5		20	1	20 A	128,139 - REFRIGERATORS	
132A,B LIGHTS	20 A	1	21		0.4	0.5	22	3	15 A	KMUA-1 ROOF	
134 ICE DISPENSER	20 A	1	23			1.2	0.5	24	--	--	
135 JUICE MACHINE	15 A	1	25	1.2	0.5		26	--	--	--	
136 COFFEE BREWER	30 A	2	27		2.5	0.7	28	1	15 A	KEF-1 ROOF	
	--	--	29			2.5	0.9	30	1	15 A	KEF-2 ROOF
138 TEA BREWER	15 A	1	31	1.2			32				
			33				34				
			35				36				
			37				38				
			39				40				
			41				42				
TOTAL LOAD:				15 kVA	17 kVA	15 kVA					
TOTAL AMPS:				123 A	141 A	128 A					
PANEL TOTALS							PANEL TOTALS				
CONNECTED LOAD:				46884 VA			CONNECTED LOAD: 46884 VA				
ESTIMATED DEMAND:				37755 VA			ESTIMATED DEMAND: 37755 VA				
CONNECTED CURRENT:				130 A			CONNECTED CURRENT: 130 A				
EST. DEMAND CURRENT:				105 A			EST. DEMAND CURRENT: 105 A				

NOTES:

PANELBOARD: LP01

LOCATION: ELECT 0101 VOLTAGE: 120/208 Wye V, 3 ø 4 W.
MOUNTING: SURFACE NEMA1 A.I.C. RATING: 10,000 AMPS SYMMETRICAL
MAIN DEVICE: 200 A MLO SPECIAL:
BUS AMPS: 200 AMPS

LOAD DESCRIPTION	BKR	POLES	CKT	A	B	C	CKT	POLES	BKR	LOAD DESCRIPTION		
LITES - LV0	20 A	1	1	0.0	0.0		2	1	20 A	WH-1 RM 0103		
LITES - LV0	20 A	1	3		1.5	0.0		4	1	20 A	WH-2 RM 0103	
LITES - LV0	20 A	1	5			0.5	0.0	6	1	20 A	WH-3 RM 0103	
RCPT - EXTERIOR	20 A	1	7	0.7	0.0			8	1	20 A	WH-4 RM 0103	
RCPT - PT/OT AREA	20 A	1	9		1.4	0.2		10	1	20 A	RCPT - IRRIGATION RM...	
RCPT -	20 A	1	11			0.2	1.2	12	1	20 A	SP-1 RM 0103	
RCPT -	20 A	1	13	1.1	0.9			14	1	15 A	SP-2 RM 0103	
RCPT -	20 A	1	15		0.7	1.2		16	1	20 A	SP-3 RM 0103	
RCPT -	20 A	1	17			0.7	1.2	18	1	20 A	SP-5 RM 0103	
RCPT -	20 A	1	19	0.8	1.5			20	2	20 A	FF-A STAIR B	
RCPT -	20 A	1	21		1.0	1.5		22	--	--	--	
RCPT - MICRO	20 A	1	23			1.8	1.5	24	2	20 A	FF-A STAIR D	
RCPT - MICRO	20 A	1	25	1.8	1.5			26	--	--	--	
RCPT -	20 A	1	27		0.7	1.4		28	2	20 A	LV0 FC'S	
RCPT -	20 A	1	29				1.3	1.4	30	--	--	--
RCPT - LV0 COMMON	20 A	1	31	0.9	1.2			32	1	20 A	CP-1 RM 0103	
MV-1 RM 0103	20 A	1	33		1.0	0.7		34	1	20 A	CP-2 RM 0103	
			35				7.0	36	3	75 A	CU-1 EXTERIOR	
			37	7.0				38	--	--	--	
			39		7.0			40	--	--	--	
			41					42				
			43					44				
			45					46				
			47					48				
			49					50				
			51					52				
			53					54				
			55					56				
			57					58				
			59					60				
TOTAL LOAD:				17 kVA	18 kVA	17 kVA						
TOTAL AMPS:				146 A	154 A	140 A						
PANEL TOTALS							PANEL TOTALS					
CONNECTED LOAD:				52667 VA			CONNECTED LOAD: 52667 VA					
ESTIMATED DEMAND:				42751 VA			ESTIMATED DEMAND: 42751 VA					
CONNECTED CURRENT:				146 A			CONNECTED CURRENT: 146 A					
EST. DEMAND CURRENT:				119 A			EST. DEMAND CURRENT: 119 A					

NOTES:

PANELBOARD: PP01

LOCATION: POOL MECH 0116 VOLTAGE: 120/208 Wye V, 3 ø 4 W.
MOUNTING: SURFACE NEMA1 A.I.C. RATING: 10,000 AMPS SYMMETRICAL
MAIN DEVICE: 200 A MLO SPECIAL:
BUS AMPS: 200 AMPS

LOAD DESCRIPTION	BKR	POLES	CKT	PHASE A		PHASE B		PHASE C		CKT	POLES	BKR	LOAD DESCRIPTION
				kVA	kVA	kVA	kVA	kVA	kVA				
LITES -	20 A	1	1	0.5	0.7					2	1	15 A	EF-3
RCPT -	20 A	1	3			0.6	1.2			4	1	20 A	SP-4
RCPT -	20 A	1	5					1.4	0.8	6	1	15 A	ERH-A
RCPT -	20 A	1	7	0.7	1.5					8	2	20 A	FF-A RM 0116
RCPT -	20 A	1	9			0.7	1.5			10	--	--	--
RCPT -	20 A	1	11					0.2	1.0	12	3	20 A	DHU-CUS EXTERIOR
RCPT - EWC	20 A	1	13	1.2	1.0					14	--	--	--
			15			1.0				16	--	--	--
			17		5.4				5.4	18	3	60 A	DHU-1
			19				5.4			20	--	--	--
			21							22	--	--	--
			23							24			
			25							26			
			27							28			
			29							30			
			31							32			
			33							34			
			35							36			
			37							38			
			39							40			
			41							42			
TOTAL LOAD:				11 kVA	10 kVA	9 kVA							
TOTAL AMPS:				93 A	88 A	73 A							
PANEL TOTALS													
CONNECTED LOAD:				29954 VA						PANEL TOTALS			
ESTIMATED DEMAND:				23898 VA						CONNECTED LOAD: 29954 VA			
CONNECTED CURRENT:				83 A						ESTIMATED DEMAND: 23898 VA			
EST. DEMAND CURRENT:				66 A						CONNECTED CURRENT: 83 A			
										EST. DEMAND CURRENT: 66 A			

NOTES:

12/6/2024 9:12:10 AM

MECHANICAL SYMBOL SCHEDULE

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
MISCELLANEOUS		VALVES AND PIPE FITTINGS		HEATING	
	CONNECT TO EXISTING		SHUT-OFF VALVE		HWS HOT WATER SUPPLY
	FLOOR ELEVATION POINT		BUTTERFLY VALVE		HWR HOT WATER RETURN
	KEY NOTE		CHECK VALVE		HWRR HOT WATER REVERSE RETURN
	PLUMBING FIXTURE ID		DOUBLE CHECK VALVE OR RPZ		GWS GLYCOL WATER SUPPLY
	DOM. WATER RISER SYMBOL		FLOW FITTING		GWR GLYCOL WATER RETURN
	WASTE RISER SYMBOL		DOMESTIC RECIRCULATING HOT WATER BALANCING ASSEMBLY	AIR CONDITIONING	
	HYDRONIC RISER SYMBOL		CHECK VALVE		CHWS CHILLED WATER SUPPLY
	MECHANICAL EQUIPMENT		BALANCING FULL PORT BALL VALVE		CHWR CHILLED WATER RETURN
	EQUIPMENT BY OTHERS		VALVE IN VERTICAL		CWS CONDENSER WATER SUPPLY
	IN-LINE PUMP		BALL/BALANCING VALVE		CWR CONDENSER WATER RETURN
	REVISION		HOSE BIB OR WALL HYDRANT		CD CONDENSATE DRAIN PIPE
ABBREVIATIONS			ELBOW UP	TEMPERATURE CONTROL AND SENSORS	
AFF	ABOVE FINISHED FLOOR		ELBOW DOWN		T THERMOSTAT
AFG	ABOVE FINISHED GRADE		TEE UP		H HUMIDISTAT
BCW	BOOSTED COLD WATER		TEE DOWN		S SPACE TEMPERATURE SENSOR
BHW	BOOSTED HOT WATER		PIPE CAP		CO CARBON MONOXIDE SENSOR
BOB	BOTTOM OF BEAM		UNION		CO NO2 CARBON MONOXIDE & NITROGEN DIOXIDE SENSOR
BOF	BOTTOM OF PIPE		STRAINER		CO2 CARBON DIOXIDE SENSOR
BOFA	BOTTOM OF FLOOR ABOVE		PIPE ANCHOR		PS PRESSURE SENSOR
CA	COMBUSTION AIR		EXPANSION JOINT		T THERMOMETER
CONT	CONTINUATION		PIPE GUIDE	SHEET METAL	
CO	CLEAN OUT		FLOOR CLEAN OUT		AIR SUPPLY
CS	COUNTER SINK		WALL CLEAN OUT		24/12 RETURN OR EXHAUST AIR DUCT, WIDTH/DEPTH
CW	COLD WATER		GAS PRESSURE REGULATOR		12"ø DUCT, FLEXIBLE TO RIGID
CWB	CONDENSATE WALL BOX		WATER PRESSURE REGULATOR		DUCT AIR SUPPLY, UP
DN	DOWN		FLOW DIRECTION		DUCT AIR RETURN OR EXHAUST, UP
DIA	DIAMETER		3 WAY CONTROL VALVE		DUCT AIR SUPPLY, DOWN
DSN	DOWN SPOUT NOZZLE		SOLENOID VALVE		DUCT AIR RETURN OR EXHAUST, DOWN
DTL	DETAIL		INCREASER OR REDUCER		DUCT BREAK
EA	EXHAUST AIR		WATER OR GAS METER		CEILING DIFFUSER
ECM	ELECTRONICALLY COMMUTATED MOTOR	PLUMBING AND PIPE LABELS			LINEAR DIFFUSER
FSEC	FOOD SERVICE EQUIP. CONTR.		ROOF DRAIN (CONTROL FLOW)		WALL/SOFFIT REGISTER
FFE	FINISHED FLOOR ELEVATION		OVERFLOW DRAIN		RETURN/EXHAUST AIR GRILLE
FCW	FILTERED COLD WATER		DOWNSPOUT DISCHARGE		FIRE/SMOKE DAMPER
FU	FIXTURE UNITS		FLOOR DRAIN		SMOKE DAMPER
GC	GENERAL CONTRACTOR		FLOOR SINK		FIRE DAMPER
HW	HOT WATER		BACK WATER CHECK VALVE		CEILING RADIATION DAMPER
HCW	HARD COLD WATER		SHOCK ARRESTOR		GRAVITY BACKDRAFT DAMPER
KS	KITCHEN SINK		PIPE BREAK		MOTORIZED DAMPER
LAV	LAVATORY		SAN SEWER-ABOVE GRADE		BALANCING DAMPER
INV	INVERT ELEVATION		SAN SEWER-BELOW GRADE		CAPPED DUCT
MS	MOP SINK		GREASE WASTE		FLEXIBLE CONNECTION
NIC	NOT IN CONTRACT		FLAMMABLE WASTE		A 24/12 REGISTER/DIFFUSER A (TYPE) 24/12 (SIZE) 250 (CFM)
NP	NON-POTABLE		FLAMMABLE WASTE VENT		H 10 DIFFUSER H (TYPE) 10"(NECK DIA.) 400 (CFM)
OA	OUTSIDE AIR		SANITARY VENT		C 24/24 RETURN AIR GRILLE C (TYPE) 24/24 (SIZE)
RA	RETURN AIR		DOMESTIC COLD WATER		C1-2-10 LINEAR DIFFUSER C1 (TYPE) 2" (SLOT) 10" (NECK DIA.) 250 (CFM)
SA	SUPPLY AIR		HARD COLD WATER		
SD	STORM DRAINAGE SYSTEM		DOMESTIC HOT WATER		
SF	SQUARE FEET		DOMESTIC RECIRCULATING HOT WATER		
SHR	SHOWER		DOMESTIC HOT WATER 180°F		
SS	SANITARY SEWER SYSTEM		O2 OXYGEN		
SV	STACK VENT		VAC MEDICAL VAC		
TTFD	TELL-TALE FLOOR DRAIN		IG NATURAL INTERRUPTIBLE GAS		
UNO	UNLESS NOTED OTHERWISE		G NATURAL FIRM GAS		
V	VENT		HG NATURAL GAS - HOUSE METER		
VFD	VARIABLE FREQUENCY DRIVE		PG PROPANE GAS		
VS	VENT STACK		DT BUILDING DRAIN TILE		
VTR	VENT THRU ROOF		SD STORM DRAIN - ABOVE GRADE		
WC	WATER CLOSET		SD STORM DRAIN - BELOW GRADE		
WCO	WALL CLEAN OUT		OSD OVERFLOW STORM DRAIN -ABOVE GRADE		
WS	SANITARY WASTE STACK		RV RADON VENT		

NOTE: NOT ALL SYMBOLS MAY APPEAR ON DRAWINGS.

F:\LIB\SCHEDULESECHSYMSCH.DWG 3/8/19

Provide trap seal protection per mechanical engineer. Trap primers or other UPC approved trap seals.

Provide cross connection protection in the form of air gaps, double

MECHANICAL SHEET INDEX

SHEET	DESCRIPTION
M0.0	MECHANICAL TITLE SHEET
M1.0AA	LEVEL 0 WASTE & VENT PLAN NORTH
M1.0AB	LEVEL 0 WASTE & VENT PLAN SOUTH
M1.0BA	LEVEL 0 WATER & GAS PLAN NORTH
M1.0BB	LEVEL 0 WATER & GAS PLAN SOUTH
M1.1A	LEVEL 1 PLUMBING PLAN NORTH
M1.1B	LEVEL 1 PLUMBING PLAN SOUTH
M2.0A	LEVEL 0 HVAC PLAN NORTH
M2.1A	LEVEL 1 HVAC PLAN NORTH
M2.1B	LEVEL 1 HVAC PLAN SOUTH
M2.2A	MECHANICAL ROOF PLAN NORTH
M2.2B	MECHANICAL ROOF PLAN SOUTH
M3.0	HVAC UNITS
M3.1	ENLARGED PLAN
M3.2	ENLARGED PLAN
M4.0	PLUMBING RISERS
M4.1	PLUMBING RISERS
M4.2	PLUMBING RISERS
M4.3	PLUMBING RISERS
M5.0	MECHANICAL DETAILS
M5.1	MECHANICAL DETAILS
M5.2	MECHANICAL DETAILS
M5.3	MECHANICAL DETAILS
ME1.0	MECHANICAL EQUIPMENT SCHEDULES
ME1.1	MECHANICAL EQUIPMENT SCHEDULES

Provide plumbing equipment schedule for review.

STEEN
ENGINEERING

763-585-6742
763-585-6757 fax
Email: steen@steeneng.com
5430 Douglas Drive North
Minneapolis, MN 55429

Please see M2.0A and other applicable locations for duct openings in rated assembly.

GENERAL HVAC NOTES

- DRAWINGS ARE DIAGRAMMATIC AND ARE INTENDED TO SHOW APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL THOROUGHLY REVIEW ALL ARCHITECTURAL, STRUCTURAL, PLUMBING, AND ELECTRICAL PLANS AND SPECIFICATIONS. PLACEMENT OF EQUIPMENT AND DEVICES SHALL NOT INTERFERE WITH LOCATIONS OR CLEARANCES OF OTHER TRADE'S MATERIALS OR EQUIPMENT.
- ALL SYSTEMS, MATERIAL AND INSTALLATION SHALL MEET STATE AND LOCAL CODES.
- CONTRACTOR SHALL PROVIDE PIPE AND DUCT OFFSETS AND TRANSITIONS AS REQUIRED TO ACCOMMODATE STRUCTURE AND ARCHITECTURE.
- RETURN GRILLES SHALL BE PROVIDED WITH LINED BOOT AND ELBOW FITTINGS.
- FLOOR MOUNTED HVAC EQUIPMENT SHALL BE PROVIDED WITH A 4" HIGH CONCRETE PAD THAT EXTENDS A MINIMUM 2" BEYOND EDGE OF EQUIPMENT. PADS SHALL BE PROVIDED BY THIS CONTRACTOR.
- DUCT SIZES SHOWN ARE FREE AREA. INCREASE DUCT SIZE AS REQUIRED TO ACCOMMODATE INTERNAL INSULATION.
- KITCHEN HOODS ARE FURNISHED BY OTHERS AND INSTALLED BY MECHANICAL CONTRACTOR. VERIFY EXACT NECK SIZES AND MAKE ALL NECESSARY CONNECTIONS TO HOOD(S) AS SHOWN.
- PROVIDE 3/4" CONDENSATE RUNOUT FOR EACH FAN COIL SHOWN. PITCH PIPING 1/8" PER FOOT. SEE HVAC PLANS AND RISERS FOR ROUTING AND ADDITIONAL SIZING.
- COORDINATE SPACE SENSOR/THERMOSTAT LOCATIONS WITH OTHER TRADES AND ARCHITECT PRIOR TO ROUGH-IN AND INSTALLATION.
- TAKE-OFFS TO ALL SUPPLY DIFFUSERS AND GRILLES SHALL HAVE MANUAL BALANCING DAMPERS.
- DUCT RUNOUTS ARE EQUAL TO GRILLE AND DIFFUSER NECK SIZES SHOWN UNLESS INDICATED OTHERWISE.
- PROVIDE ISOLATION VALVES AT EACH PIECE OF EQUIPMENT AND AT EACH BRANCH TAKE OFF FROM PIPING MAINS.
- THE MECHANICAL CONTRACTOR SHALL PROVIDE ALL CONTROL DEVICES AS WELL AS ALL LINE VOLTAGE AND LOW VOLTAGE WIRING NECESSARY TO INSTALL AND MAKE FULLY OPERATIONAL SPECIFIED CONTROL SYSTEMS, UNLESS NOTED OTHERWISE.

GENERAL PLUMBING KITCHEN NOTES

- THIS CONTRACTOR SHALL REFER TO THE KITCHEN CONSULTANTS PLAN FOR CLARIFICATION AND ADDITIONAL WORK REQUIRED.
- ALL PLUMBING IN MAIN KITCHEN TO BE ENCLOSED IN A WALL OR FLOOR AND EXPOSED PIPING RUNS BE AS SHORT AS POSSIBLE. EXPOSED HORIZONTAL PIPING MUST BE 6" A.F.F. AND MIN. 1" OFF THE WALL. ALL EXPOSED PIPING MUST BE CHROME PLATED.
- ALL INDIRECT WASTES FOR FOOD SERVICE EQUIPMENT SHALL BE EXTENDED TO FLOOR DRAIN BY DIV. 22, UNLESS NOTED OTHERWISE.

Separate Permits are required for hoods and ducts.

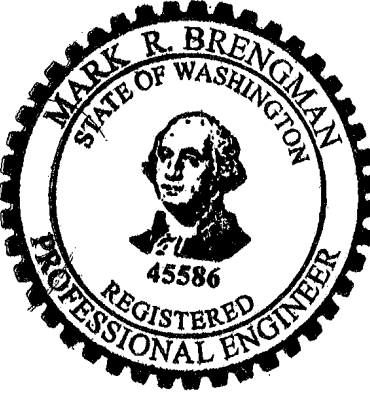
GENERAL PLUMBING NOTES

- CONTRACTORS SHALL FAMILIARIZE THEMSELVES WITH THE MECHANICAL AND PLUMBING DRAWINGS AND SPECIFICATIONS. NEITHER THE DRAWINGS NOR THE SPECIFICATIONS SHALL BE COMPLETE WITHOUT THE OTHER.
- DRAWINGS ARE DIAGRAMMATIC AND ARE INTENDED TO SHOW APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL THOROUGHLY REVIEW ALL ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS AND SPECIFICATIONS.
- PLACEMENT OF EQUIPMENT AND DEVICES SHALL NOT INTERFERE WITH LOCATION NOR CLEARANCES OF OTHER TRADE'S MATERIALS OR EQUIPMENT.
- CONTRACTOR SHALL PROVIDE PIPE OFFSETS AND TRANSITIONS AS REQUIRED TO ACCOMMODATE STRUCTURE AND ARCHITECTURE.
- COORDINATE LOCATION AND ELEVATION OF ALL EXTERIOR WALL AND ROOF PENETRATIONS WITH ARCHITECT.
- PRIOR TO INSTALLING PLUMBING VENTS THRU ROOF, COORDINATE WITH ARCHITECT TO MEET APPEARANCE REQUIREMENTS.
- ALL BRANCH TAKE-OFFS SHALL HAVE ISOLATION SHUT-OFF VALVES.
- PROVIDE A PLASTIC FLOOR DRAIN IN AREAS WHERE CONDENSATE DISCHARGES FROM HIGH EFFICIENCY EQUIPMENT, SUCH AS SEALED COMBUSTION WATER HEATERS.
- THIS CONTRACTOR TO PROVIDE COMBINATION HOT AND COLD FAUCETS THAT HAVE THREADED OUTLETS WITH INTERNAL CHECK VALVES OR IN-LINE CHECK VALVES INSTALLED UPSTREAM IN THE BRANCH LINES SERVING THIS TYPE OF FAUCET. THIS INCLUDES THE COMBINATION FAUCETS SUPPLIED BY FOOD SERVICE EQUIPMENT SUPPLIERS.
- ALL FLOOR DRAINS AND PLUMBING FIXTURES LOCATED BELOW STREET CURB ELEVATION AT SANITARY SEWER EXIT LOCATION SHALL HAVE BACKWATER CHECK VALVES.
- ALL DOMESTIC HOT AND COLD WATER PEX PIPING SHALL MAINTAIN A 2" SPACING AND HAVE INDIVIDUAL FLOOR AND WALL PENETRATIONS.
- FLOOR MOUNTED PLUMBING EQUIPMENT SHALL BE PROVIDED WITH A 4" HIGH CONCRETE PAD BY THIS CONTRACTOR. EXTEND A MINIMUM OF 2" BEYOND THE EDGE OF THE EQUIPMENT.
- THE MECHANICAL CONTRACTOR SHALL PROVIDE ALL CONTROL DEVICES AS WELL AS ALL LINE VOLTAGE AND LOW VOLTAGE WIRING NECESSARY TO INSTALL AND MAKE FULLY OPERATIONAL SPECIFIED CONTROL SYSTEMS, UNLESS NOTED OTHERWISE.
- ADJUST ALL DOMESTIC RECIRCULATION BALANCING VALVES TO 0.5 GPM UNLESS NOTED OTHERWISE.



in = site
architects

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st. paul, minnesota 55104
612-252-4820



Mark R. Brennanman
Typed or Printed Name

Mechanical Discipline 12/02/24 Date

WESLEY BRADLEY PARK
PHASE 2 - CARE CENTER
707 39TH AVENUE SE
PUYALLUP, WA 98374

CARE CENTER
PERMIT SET
December 2, 2024

REVISIONS

No.	Description	Date
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PROJECT NUMBER

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MECHANICAL TITLE SHEET

M0.0

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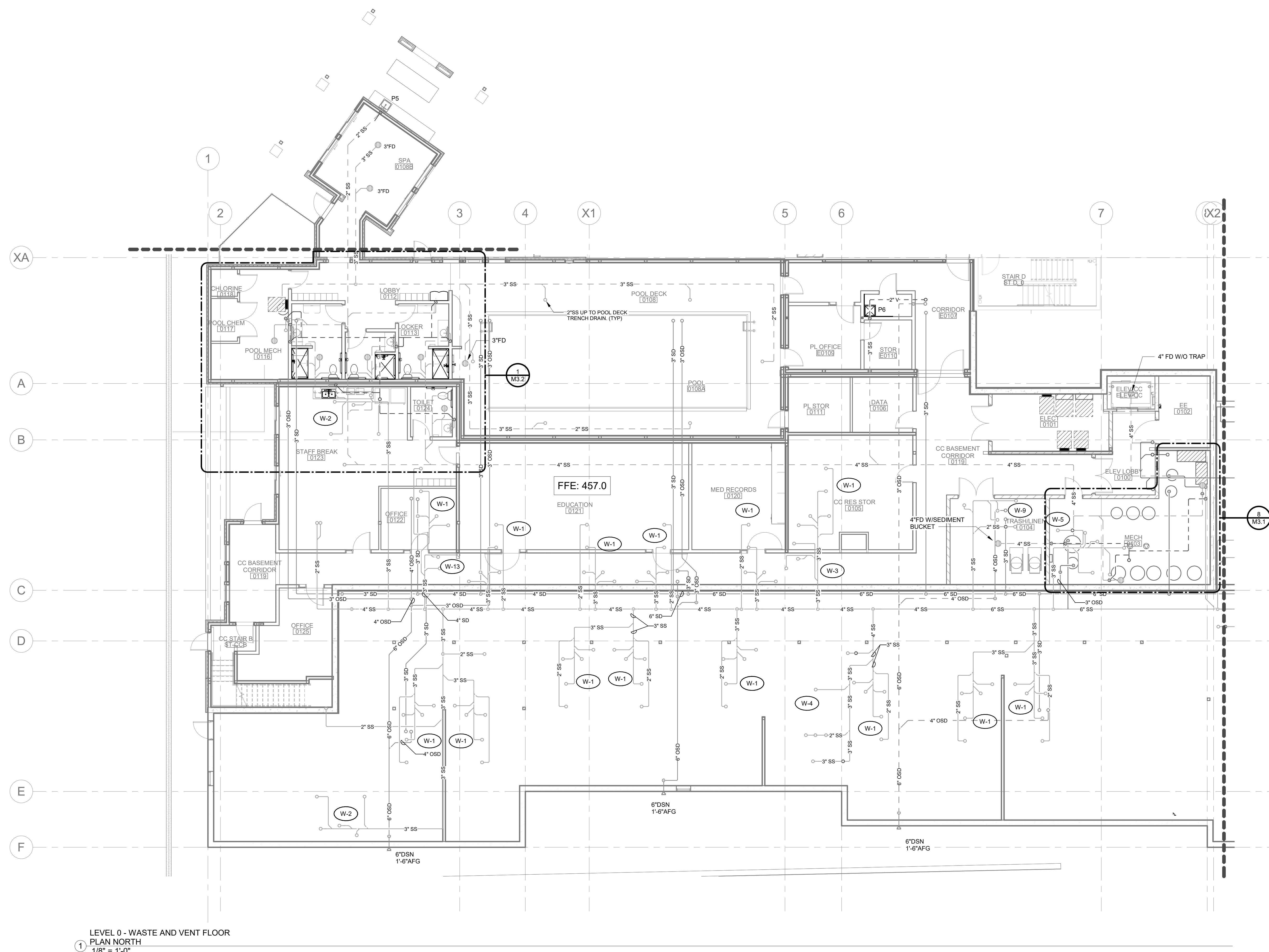
ISA202201
PROJECT NUMBER

RDB	RDB
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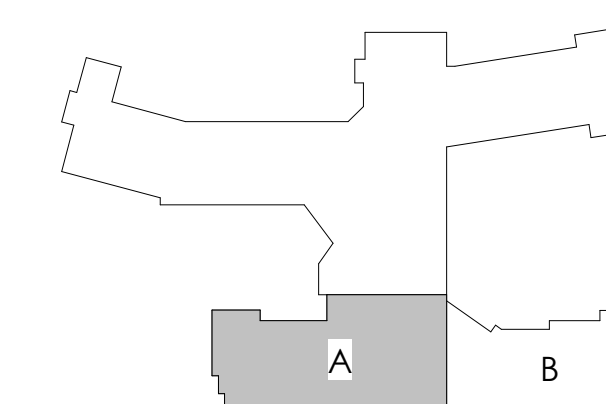
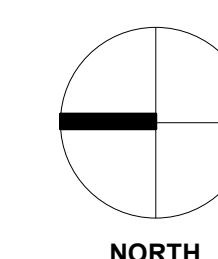
WESLEY BRADLEY PARK
PHASE 2 - CARE CENTER

LEVEL 0 WASTE & VENT
PLAN NORTH

M1.0AA



LEVEL 0 - WASTE AND VENT FLOOR
 ① PLAN NORTH
 1/8" = 1'-0"



REFER TO SHEET M0.0 FOR NOTES



Signature

Mark R. Brengman

Mechanical 12/02/24
Discipline Date

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No.	Description	Date
1	PERMIT RESUBMIT	4/14/20

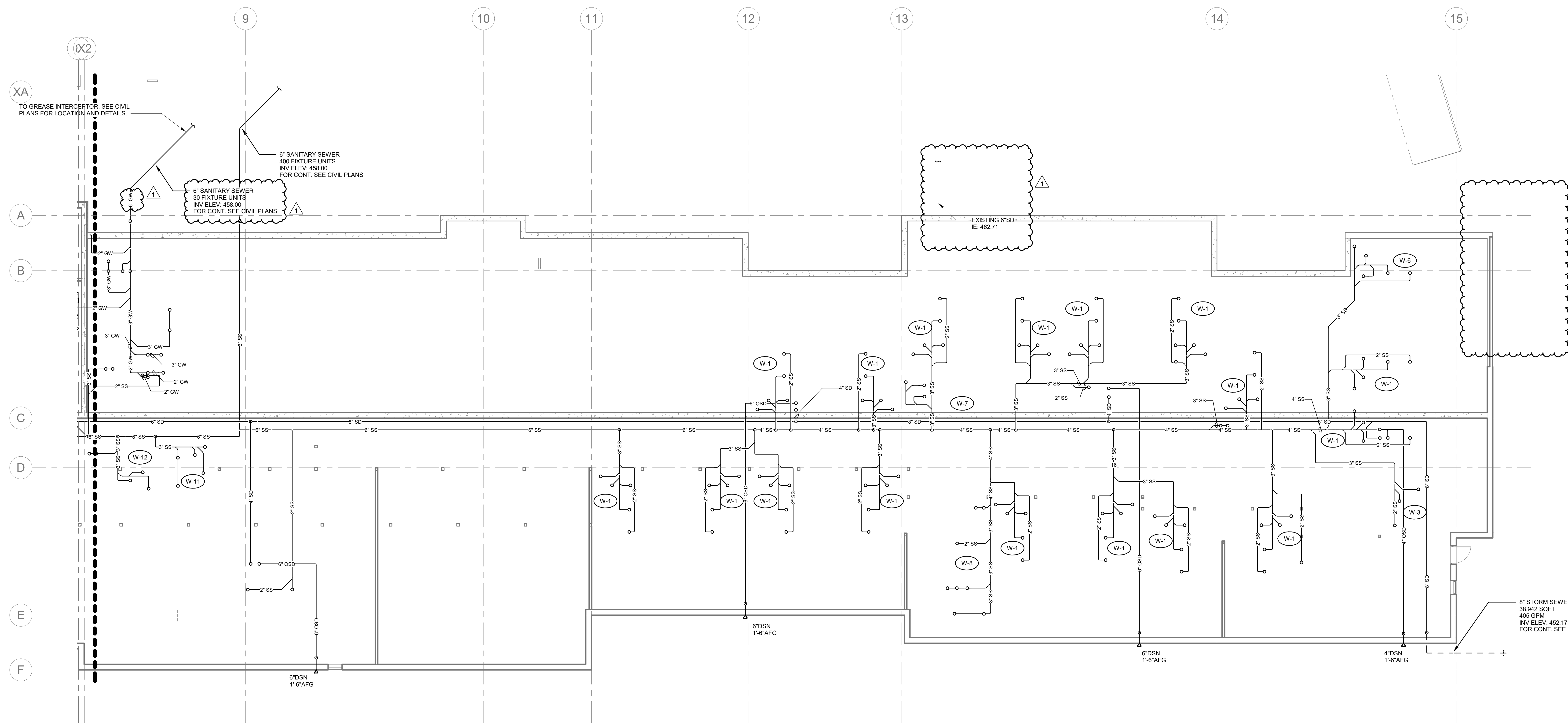
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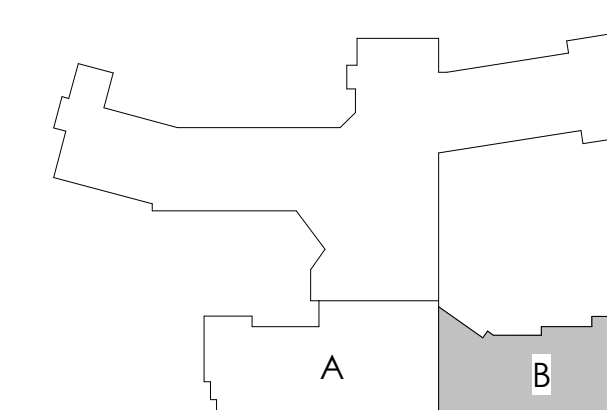
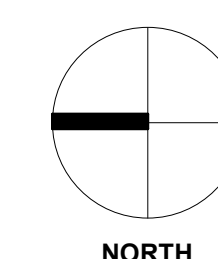
WESLEY BRADLEY PARK
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LEVEL 0 WASTE & VENT
PLAN SOUTH

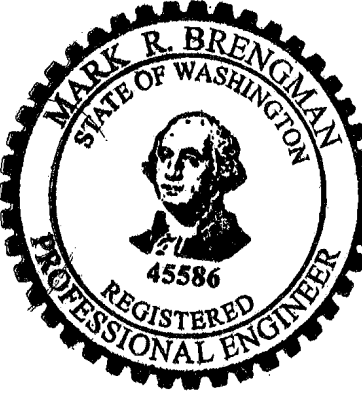
M1.0AB



LEVEL 0 - WASTE AND VENT FLOOR
PLAN SOUTH
1/8" = 1'-0"



REFER TO SHEET M0.0 FOR NOTES



Mark R. Breneman
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ISA202201

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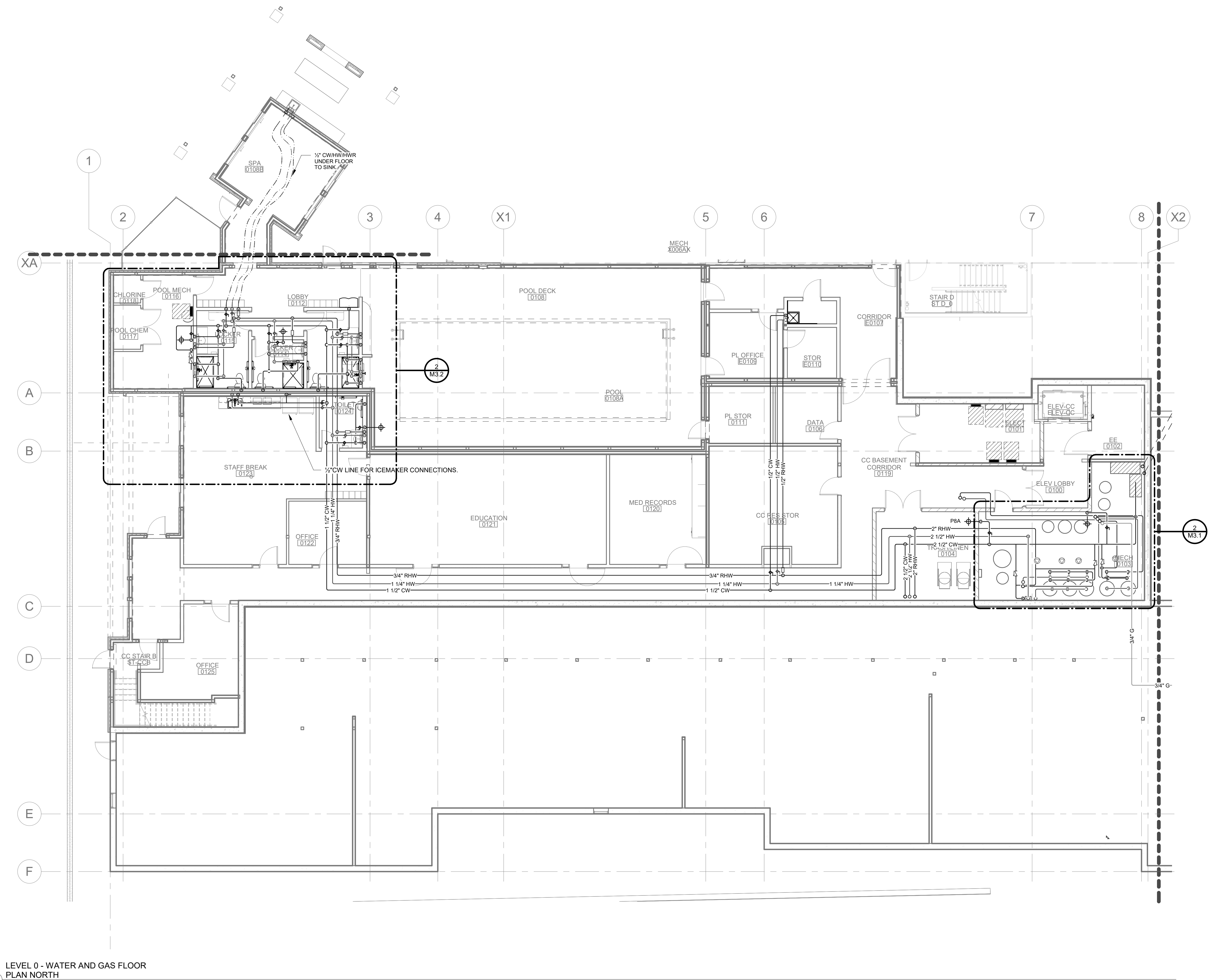
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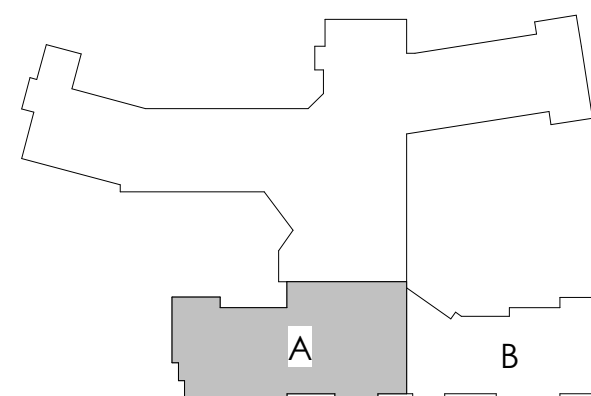
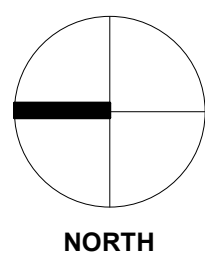
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LEVEL 0 WATER & GAS
PLAN NORTH

M1.0BA



LEVEL 0 - WATER AND GAS FLOOR
PLAN NORTH
1/8" = 1'-0"



REFER TO SHEET M0.0 FOR NOTES



Mark R. Breneman
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1	PERMIT RESUBMIT	4/14/25

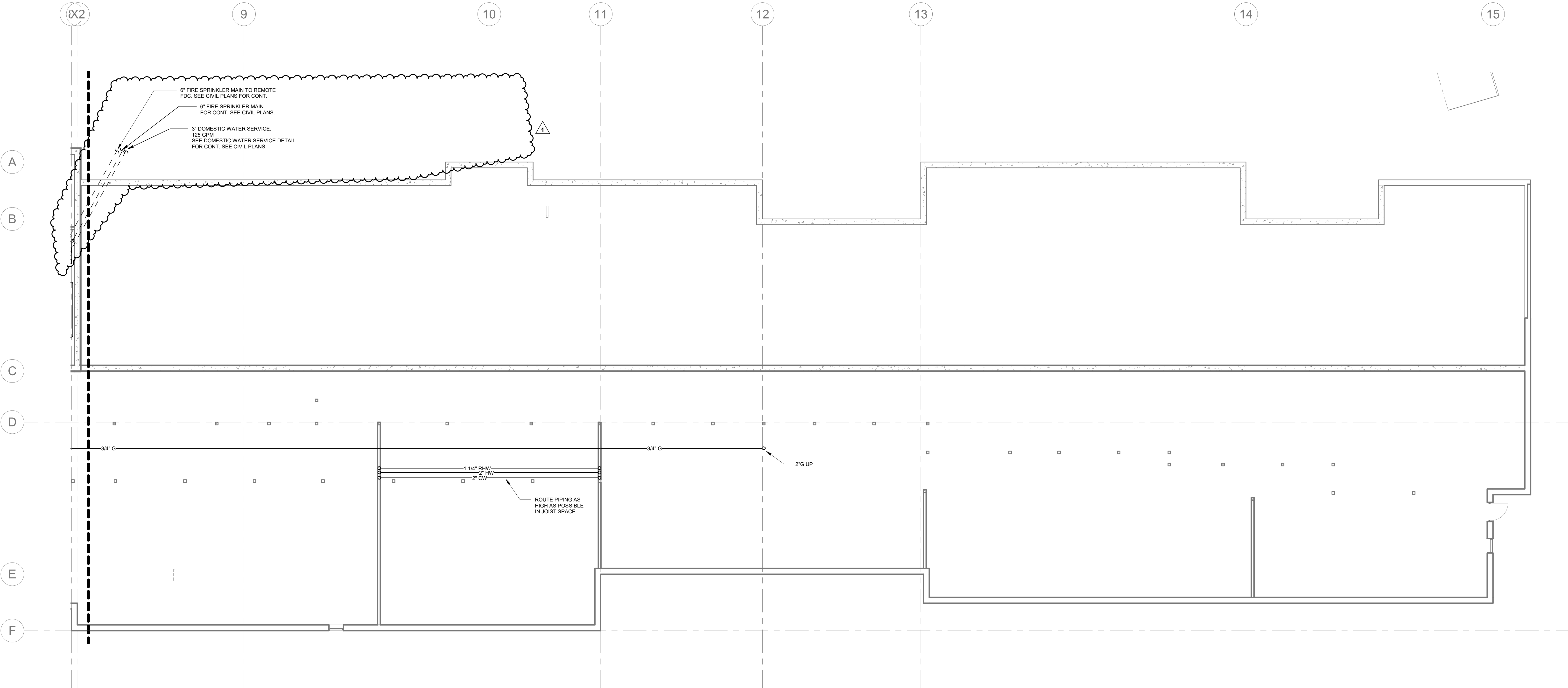
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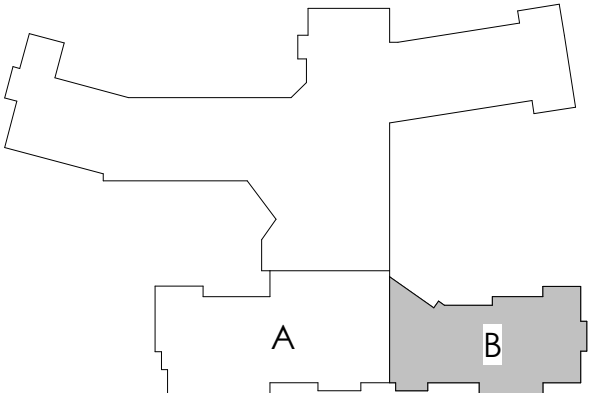
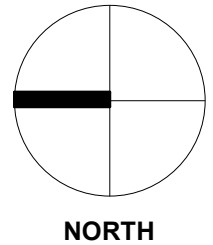
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LEVEL 0 WATER & GAS
PLAN SOUTH

M1.0BB



LEVEL 0 - WATER AND GAS FLOOR
PLAN SOUTH
1/8" = 1'-0"



REFER TO SHEET M0.0 FOR NOTES



Mark R. Breneman
Signature

Mark R. Breneman
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Mechanical 12/02/24
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CARE CENTER
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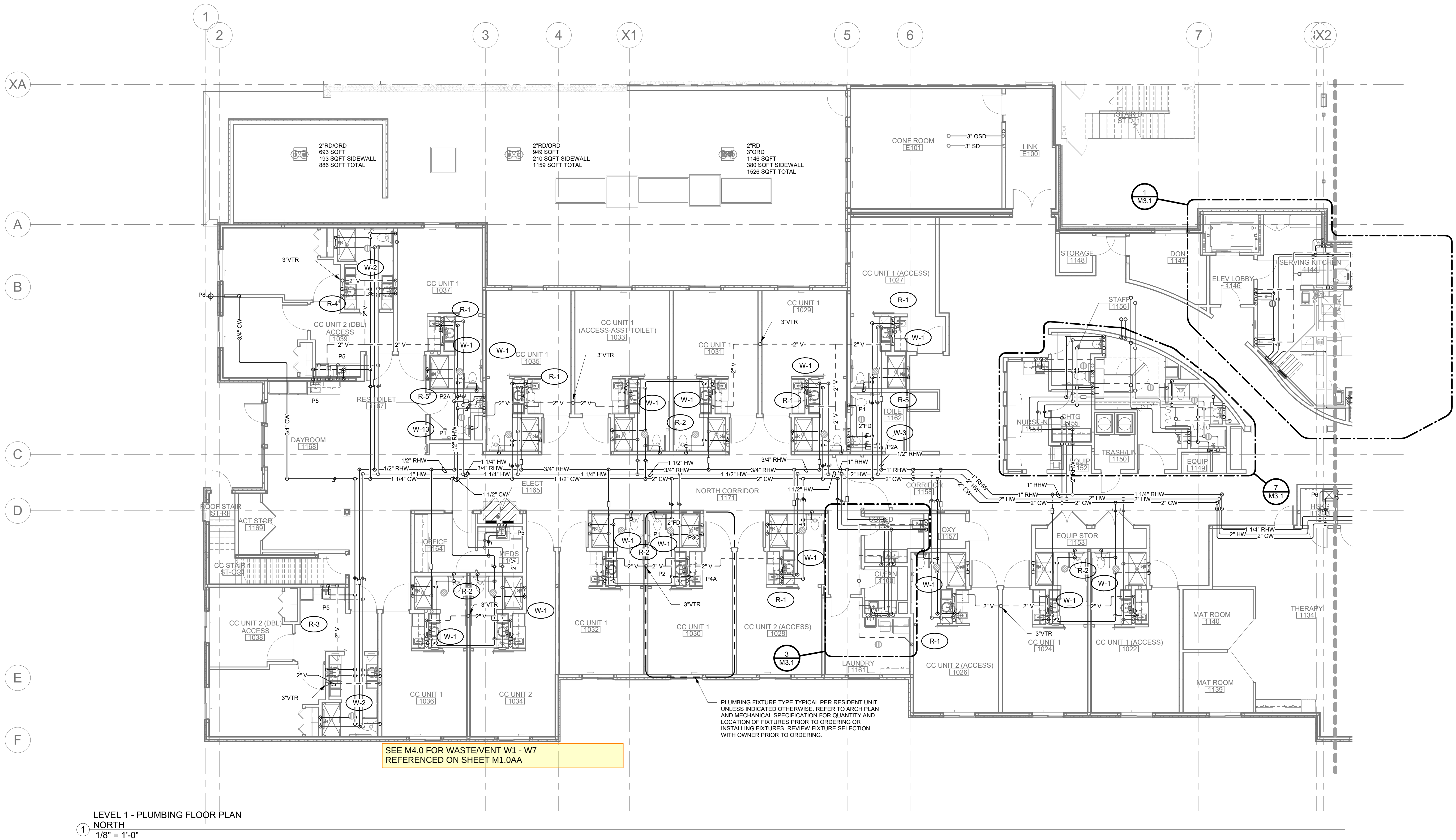
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LEVEL 1 PLUMBING PLAN
NORTH

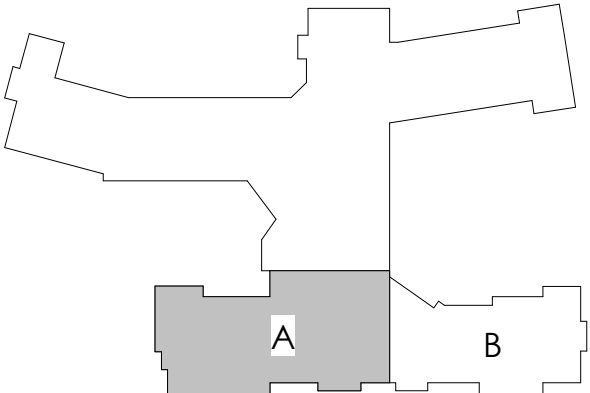
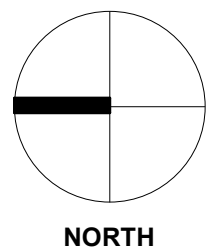
M1.1A



LEVEL 1 - PLUMBING FLOOR PLAN
NORTH
1/8" = 1'-0"

SEE M4.0 FOR WASTE/VENT W1 - W7
REFERENCED ON SHEET M1.0AA

PLUMBING FIXTURE TYPE TYPICAL PER RESIDENT UNIT
UNLESS INDICATED OTHERWISE, REFER TO ARCH PLAN
AND MECHANICAL SPECIFICATION FOR QUANTITY AND
LOCATION OF FIXTURES PRIOR TO ORDERING OR
INSTALLING FIXTURES. REVIEW FIXTURE SELECTION
WITH OWNER PRIOR TO ORDERING.



REFER TO SHEET M0.0 FOR NOTES



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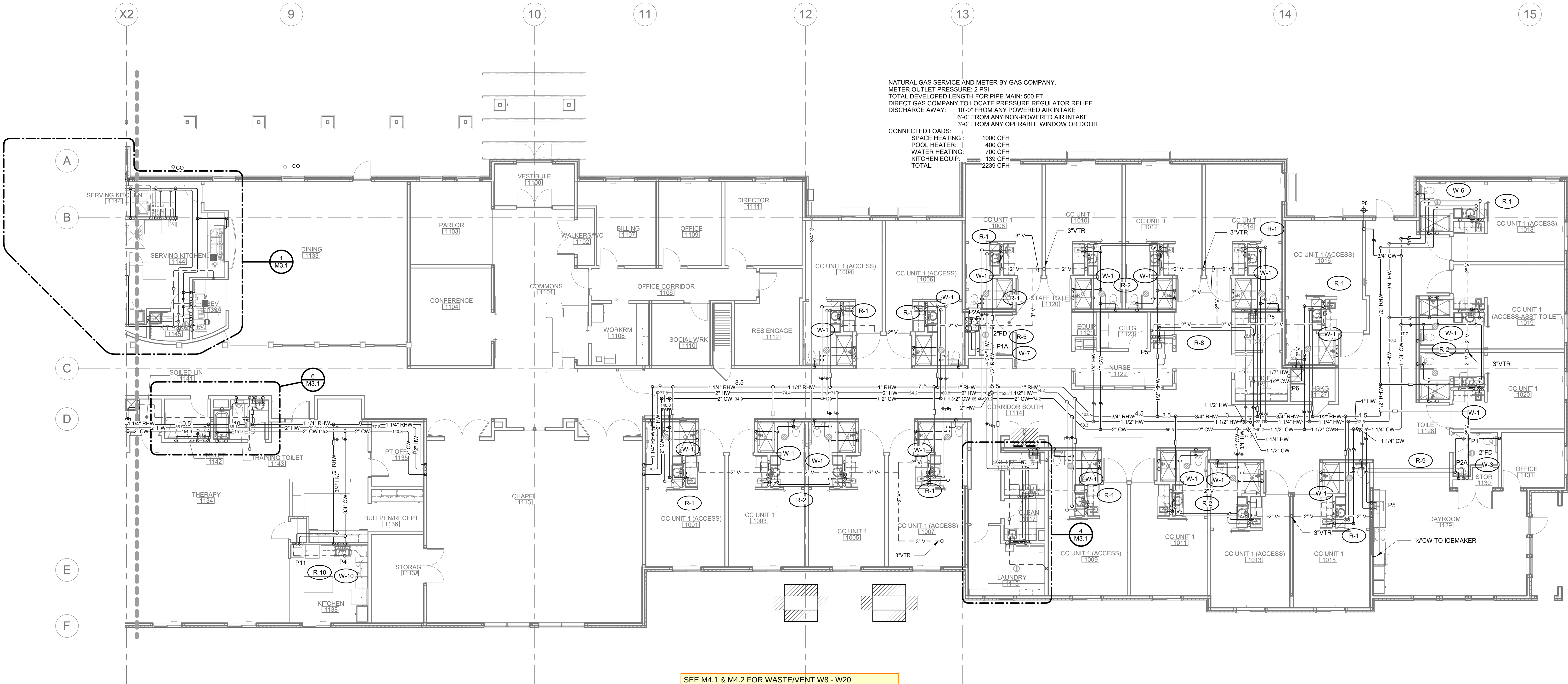
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LEVEL 1 PLUMBING PLAN
SOUTH

M1.1B



LEVEL 1 - PLUMBING FLOOR PLAN
SOUTH
1/8" = 1'-0"

REFER TO SHEET M0.0 FOR NOTES

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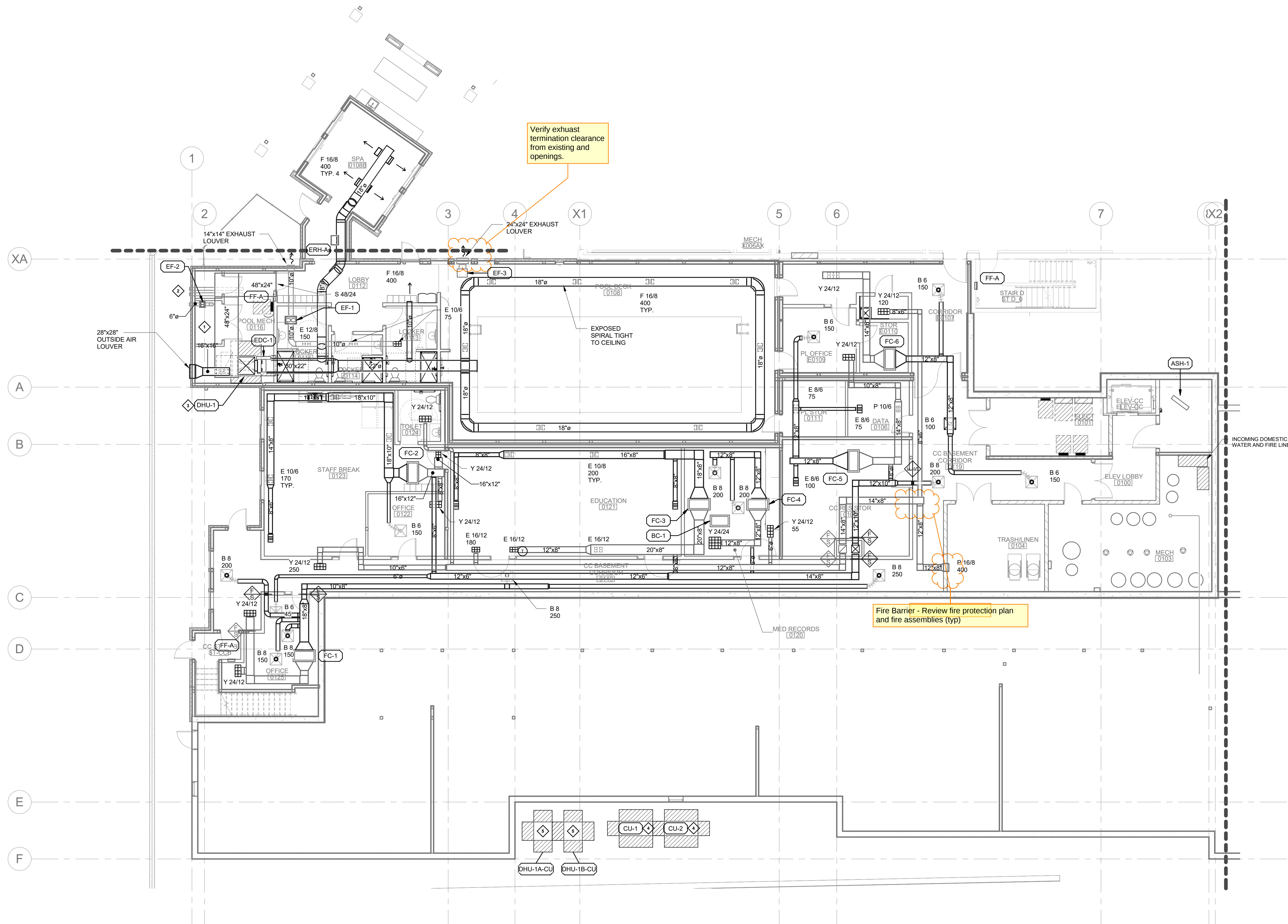
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WESLEY BRADLEY PARK
PHASE 2 - CARE CENTER

LEVEL 0 HVAC PLAN
NORTH

M2.0A



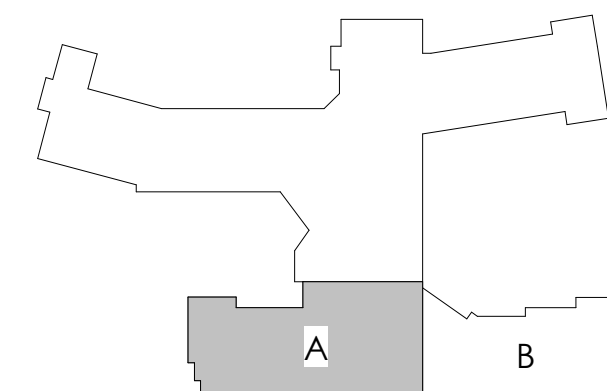
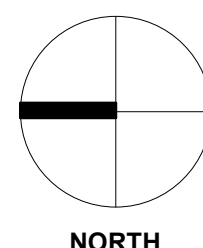
1 LEVEL 0 - HVAC FLOOR PLAN NORTH
1/8" = 1'-0"

KEY NOTES:

- 1. POOL AND SPA EQUIPMENT (PROVIDED BY OTHERS).
- 2. HORIZONTAL FLUE VENT HOOD. INSTALL EXHAUST MINIMUM 10' FROM OPERABLE OPENINGS AND MECHANICAL AIR INTAKES.
- 3. POOL DEHUMIDIFICATION UNIT SHALL BE INSTALLED ON 4" CONCRETE PAD OR APPROVED HOUSEKEEPING PAD EQUIVALENT.
- 4. VRF OUTDOOR CONDENSING UNIT. INSTALL ON LEVEL CONCRETE PAD OR APPROVED HOUSEKEEPING PAD.
- 5. POOL REMOTE AIR-COOLED CONDENSER UNIT. INSTALL ON LEVEL CONCRETE PAD OR APPROVED HOUSEKEEPING PAD.

SHEET NOTES:

- 1. VRF EQUIPMENT (BC/SUB-BC CONTROLLERS, OUTDOOR CONDENSING UNITS, INDOOR FAN COIL UNITS) ARE SHOWN ON FLOOR PLANS. REFER TO VRF PIPING DIAGRAMS ON M5.1 & M5.2 FOR ADDITIONAL INFORMATION.



REFER TO SHEET M0.0 FOR NOTES



Mark R. Breneman
Typed or Printed Name

Mechanical 12/02/24
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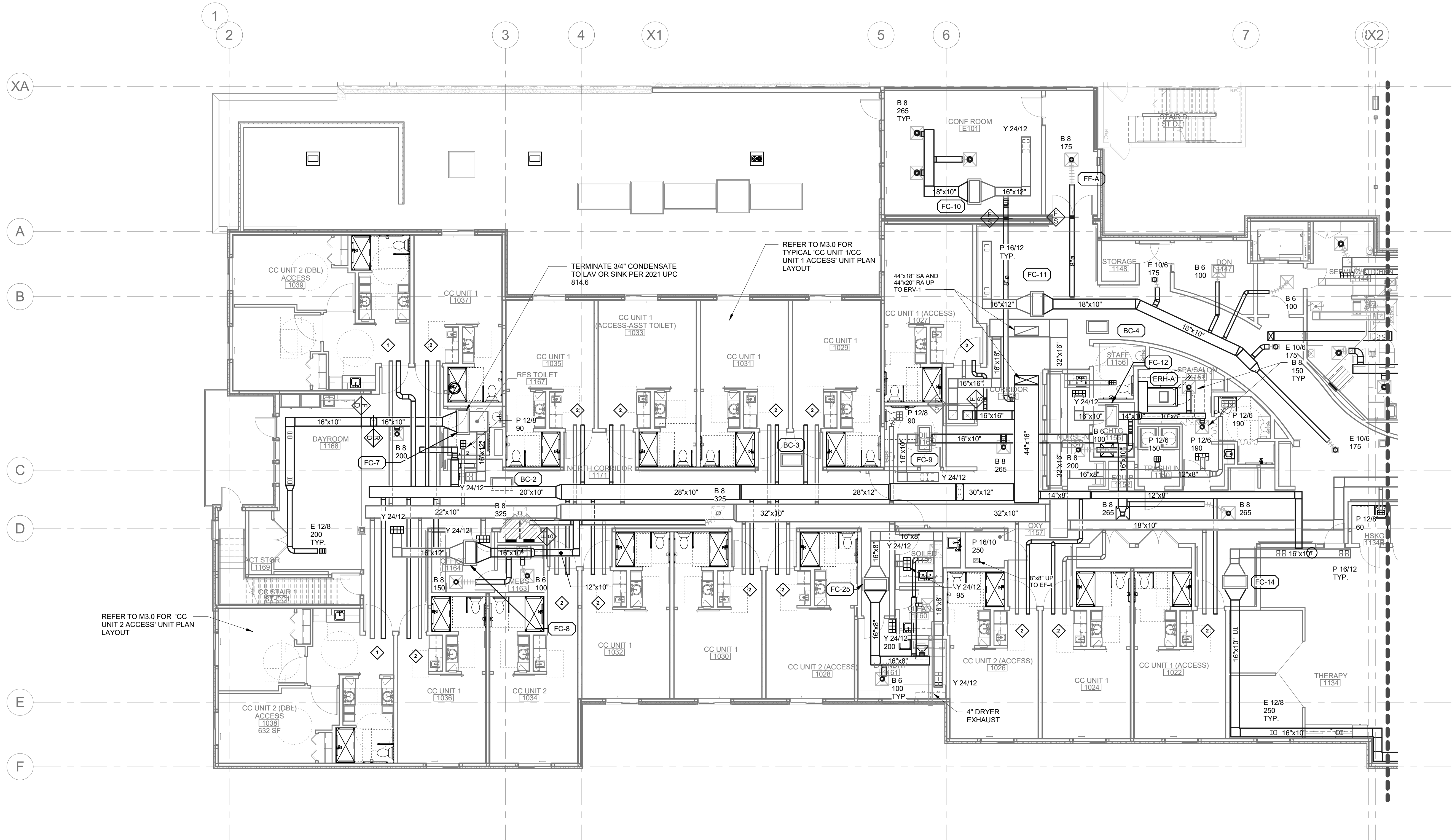
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WESLEY BRADLEY PARK
PHASE 2 - CARE CENTER

LEVEL 1 HVAC PLAN
NORTH

M2.1A



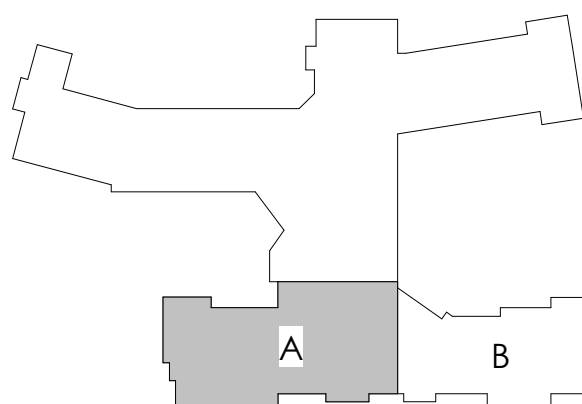
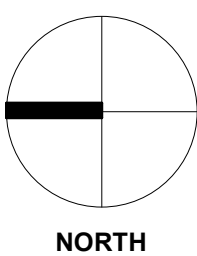
1 LEVEL 1 - HVAC FLOOR PLAN NORTH
1/8" = 1'-0"

KEY NOTES:

- 6" DIA. OUTSIDE AIR AND EXHAUST DUCT SERVING BATHROOM. REFER TO TYPICAL UNIT PLAN 'CC UNIT 2' ON M3.0 FOR CONTINUATION.
- 6" DIA. OUTSIDE AIR AND EXHAUST DUCT FROM CORRIDOR. REFER TO TYPICAL UNIT PLAN 'CC UNIT 1' ON M3.0 FOR CONTINUATION.

SHEET NOTES:

- 1. VRF EQUIPMENT (BC/SUB-BC CONTROLLERS, OUTDOOR CONDENSING UNITS, INDOOR FAN COIL UNITS) ARE SHOWN ON FLOOR PLANS. REFER TO VRF PIPING DIAGRAMS ON M5.1 & M5.2 FOR ADDITIONAL INFORMATION.



REFER TO SHEET M0.0 FOR NOTES

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CARE CENTER
PERMIT SET
December 2, 2024

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No. Description Date

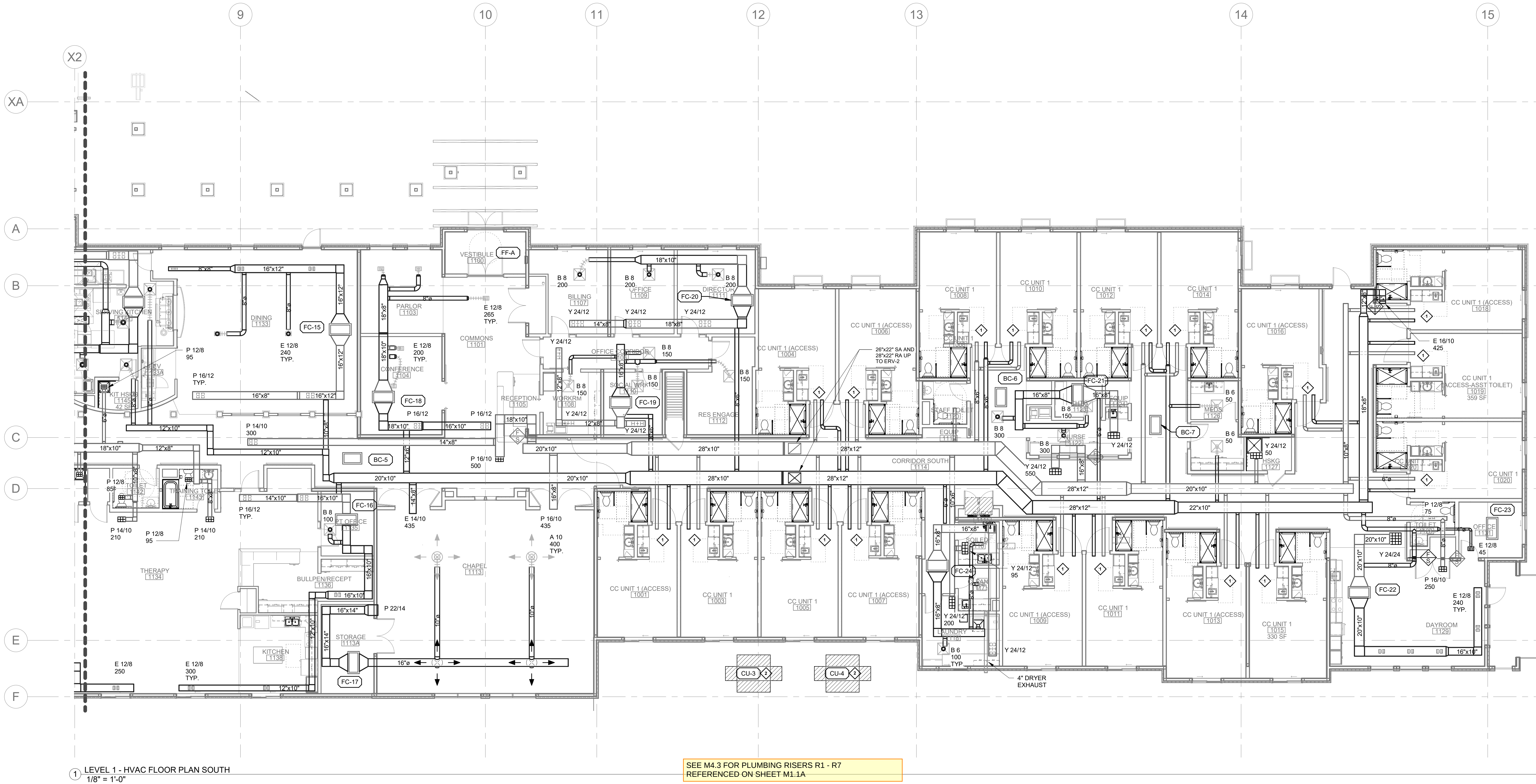
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PROJECT NUMBER

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WESLEY BRADLEY PARK
PHASE 2 - CARE CENTER

LEVEL 1 HVAC PLAN
SOUTH

M2.1B



1 LEVEL 1 - HVAC FLOOR PLAN SOUTH
1/8" = 1'-0"

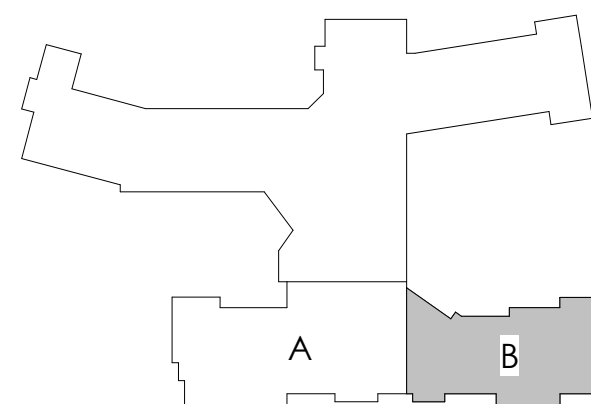
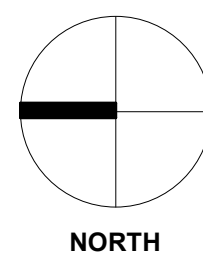
SEE M4.3 FOR PLUMBING RISERS R1 - R7
REFERENCED ON SHEET M1.1A

KEY NOTES:

- 6" DIA. OUTSIDE AIR AND EXHAUST DUCT FROM CORRIDOR, REFER TO TYPICAL UNIT PLAN 'CC UNIT 1' ON M5.0 FOR CONTINUATION.
- VRF OUTDOOR CONDENSING UNIT, INSTALL ON LEVEL CONCRETE PAD OR APPROVED HOUSEKEEPING PAD.

SHEET NOTES:

- 1. VRF EQUIPMENT (BC/SUB-BC CONTROLLERS, OUTDOOR CONDENSING UNITS, INDOOR FAN COIL UNITS ARE SHOWN ON FLOOR PLANS. REFER TO VRF PIPING DIAGRAMS ON M5.1 & M5.2 FOR ADDITIONAL INFORMATION.



REFER TO SHEET M0.0 FOR NOTES



Mark R. Breneman
Signature

Mark R. Breneman
Typed or Printed Name

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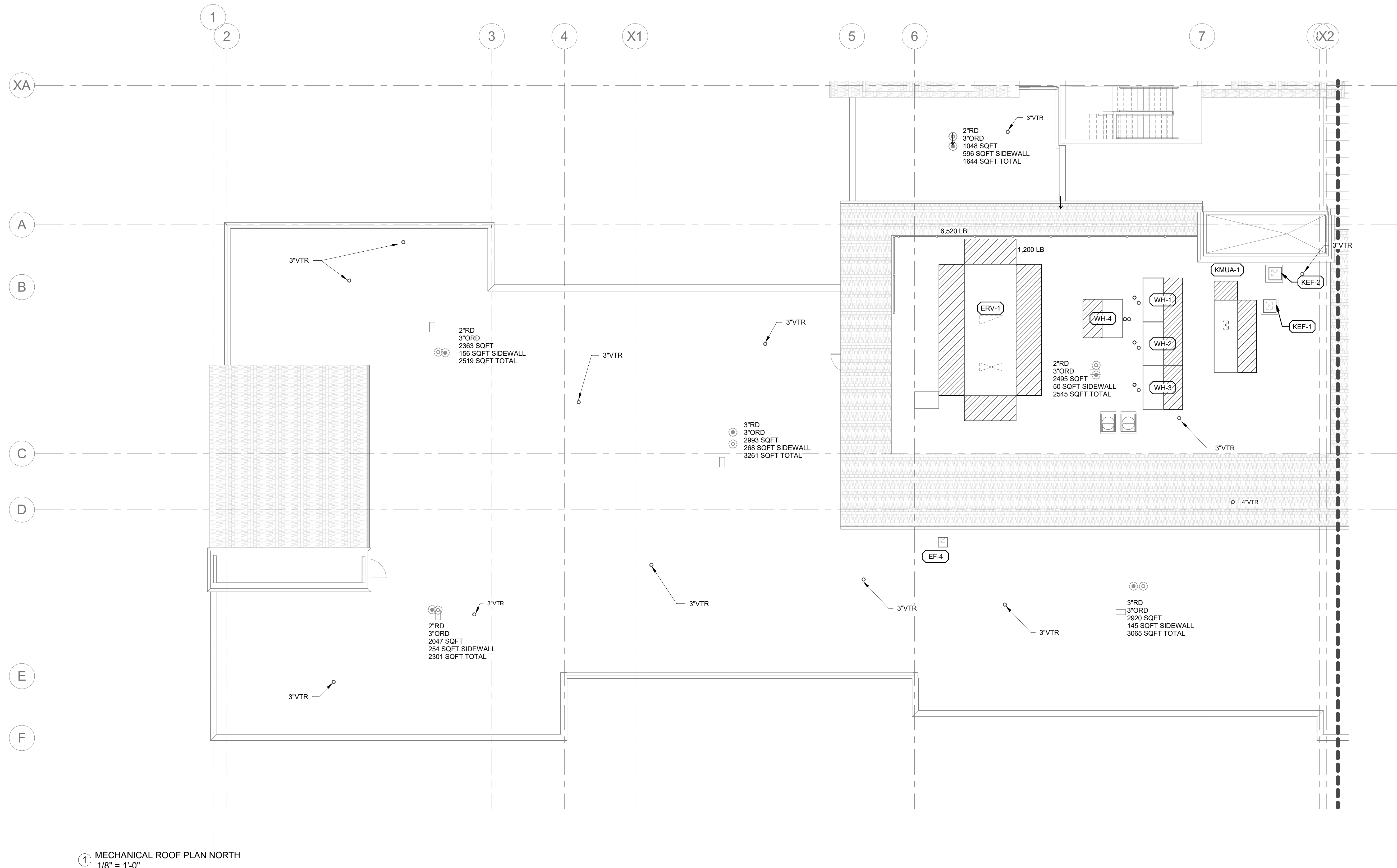
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WESLEY BRADLEY PARK
PHASE 2 - CARE CENTER

MECHANICAL ROOF
PLAN NORTH

M2.2A

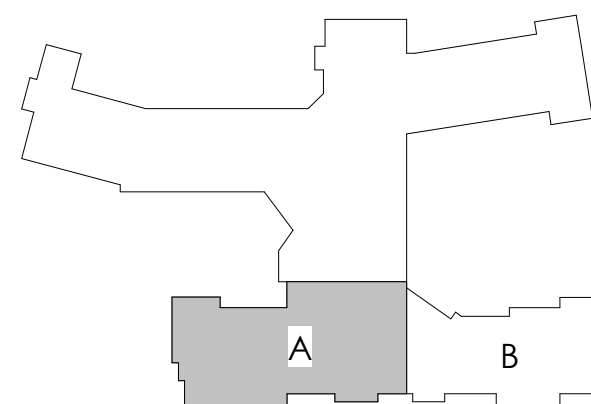
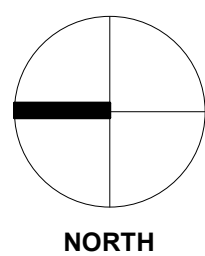


1 MECHANICAL ROOF PLAN NORTH
1/8" = 1'-0"

SHEET NOTES:

1. EXHAUST VENTS/OUTLETS SHALL BE
LOCATED 10'-0" CLEAR OF MECHANICAL
AIR INTAKES.

SEE M4.4 & M4.5 FOR PLUMBING RISERS R8 - R15
REFERENCED ON SHEET M1.1A



REFER TO SHEET M0.0 FOR NOTES



Mark R. Breneman
Signature

Mark R. Breneman
Typed or Printed Name

Mechanical
Discipline
12/02/24
Date

WESLEY BRADLEY PARK
PHASE 2 - CARE CENTER
707 39TH AVENUE SE
PUYALLUP, WA 98374

CARE CENTER
PERMIT SET
December 2, 2024

REVISIONS

No.	Description	Date
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PROJECT NUMBER

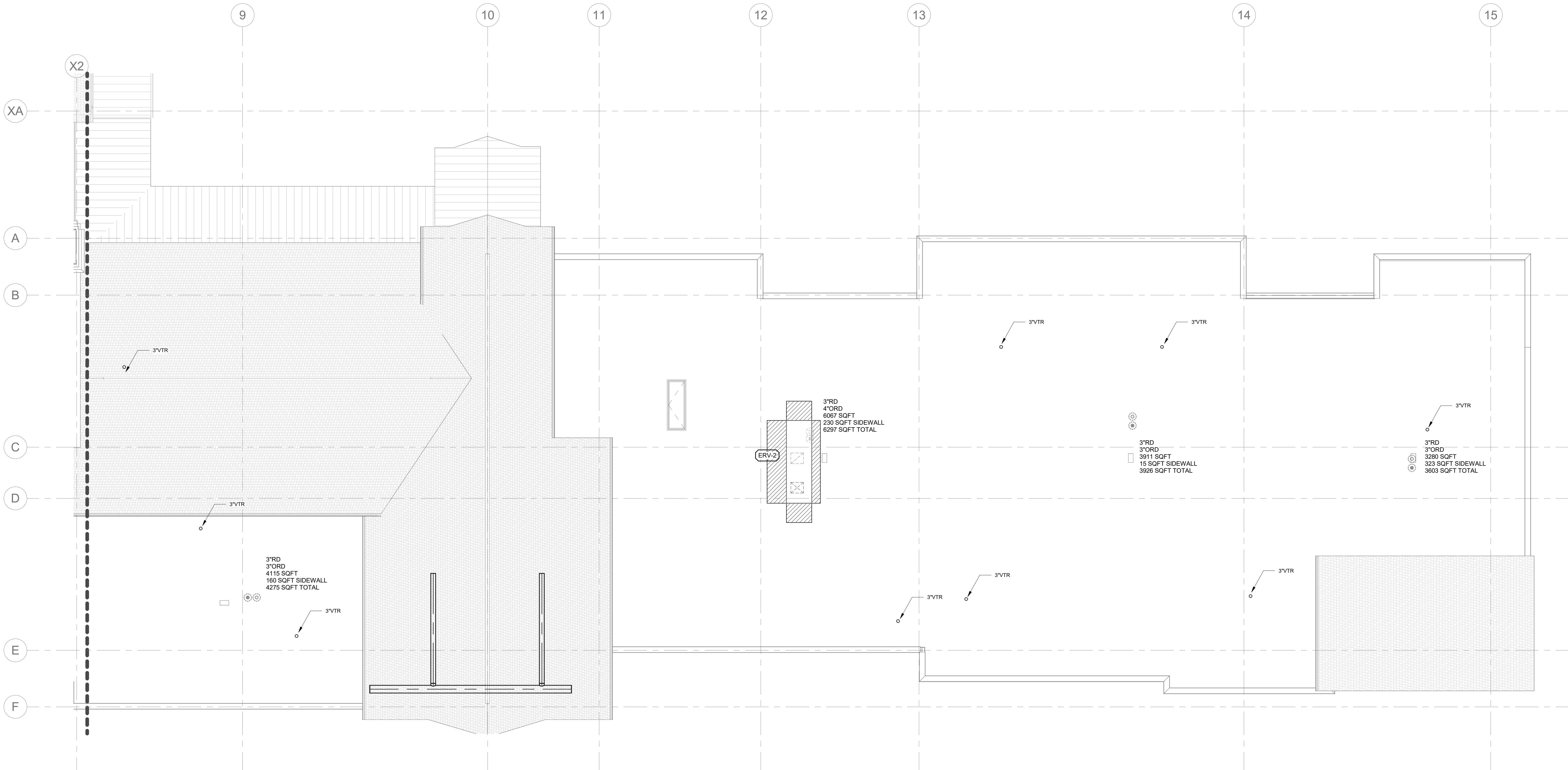
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PHASE 2 - CARE CENTER

MECHANICAL ROOF
PLAN SOUTH

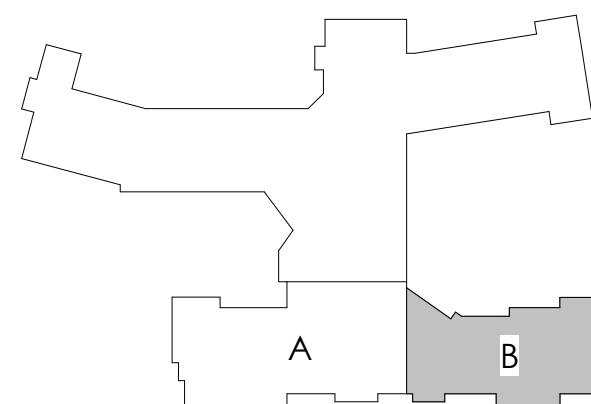
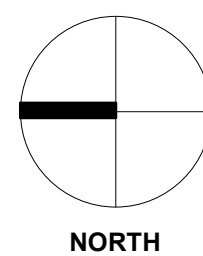
M2.2B



1 MECHANICAL ROOF PLAN SOUTH
1/8" = 1'-0"

SHEET NOTES:

1. EXHAUST VENTS/OUTLETS SHALL BE
LOCATED 10'-0" CLEAR OF MECHANICAL
AIR INTAKES.



REFER TO SHEET M0.0 FOR NOTES

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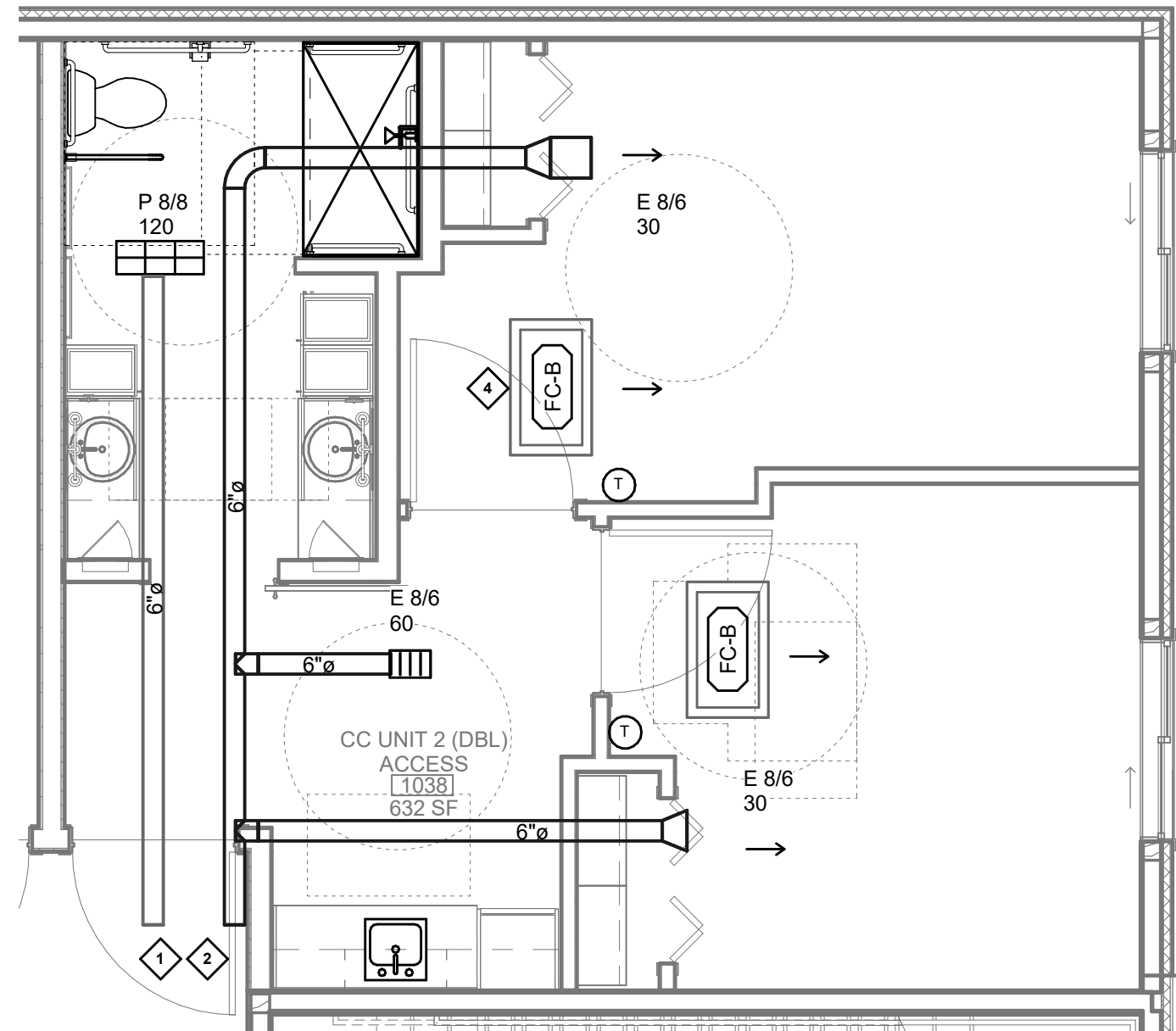
ISA202201
PROJECT NUMBER

DCA MRB
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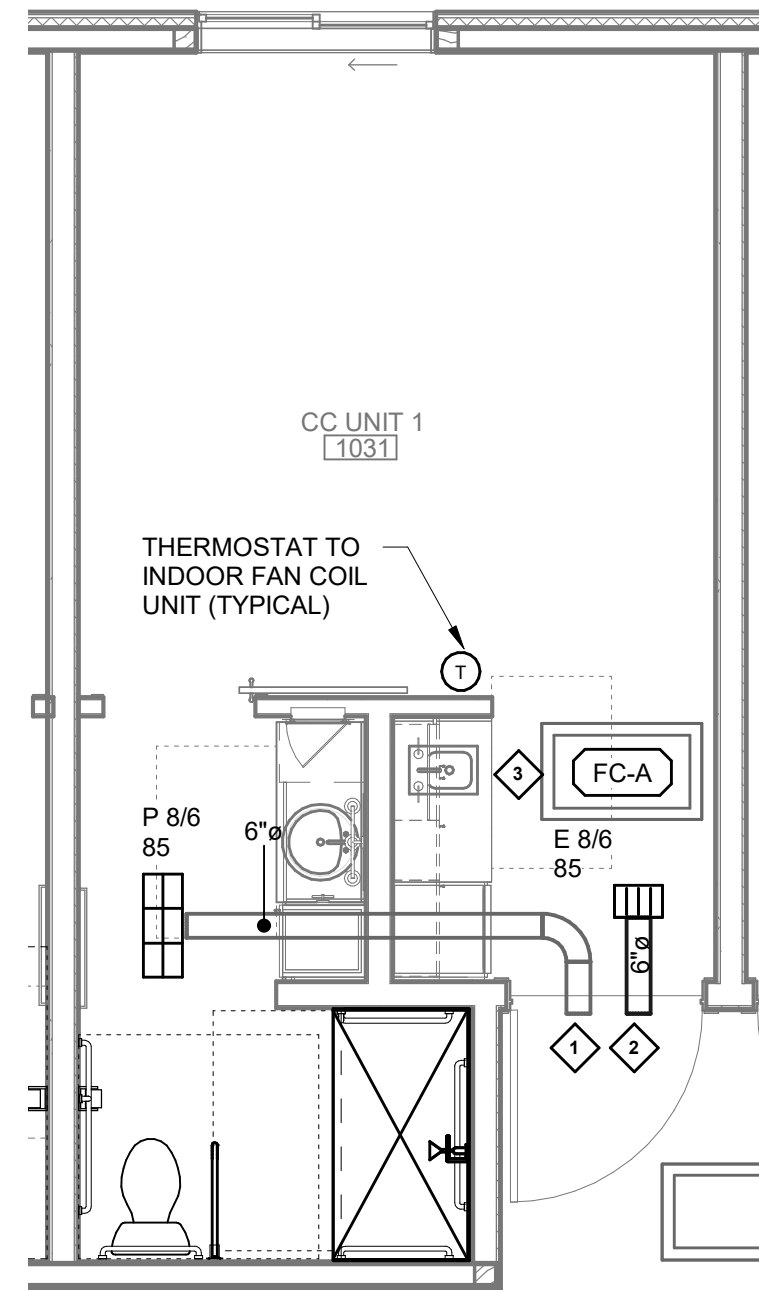
WESLEY BRADLEY PARK
PHASE 2 - CARE CENTER

HVAC UNITS

M3.0



② CC UNIT 2 (DBL) HVAC PLAN
1/4" = 1'-0"



① CC UNIT 1 HVAC PLAN
1/4" = 1'-0"

KEY NOTES:

- MECHANICAL EXHAUST DUCT. REFER TO FLOOR PLANS FOR CONTINUATION.
- MECHANICAL OUTSIDE AIR DUCT. REFER TO FLOOR PLANS FOR CONTINUATION.
- TERMINATE CONDENSATE TO KITCHEN TAILPIECE
- TERMINATE CONDENSATE TO BATHROOM LAVATORY

GENERAL HVAC UNIT NOTES

- A. PROVIDE WALL THERMOSTAT. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH OWNER AND ARCHITECT.

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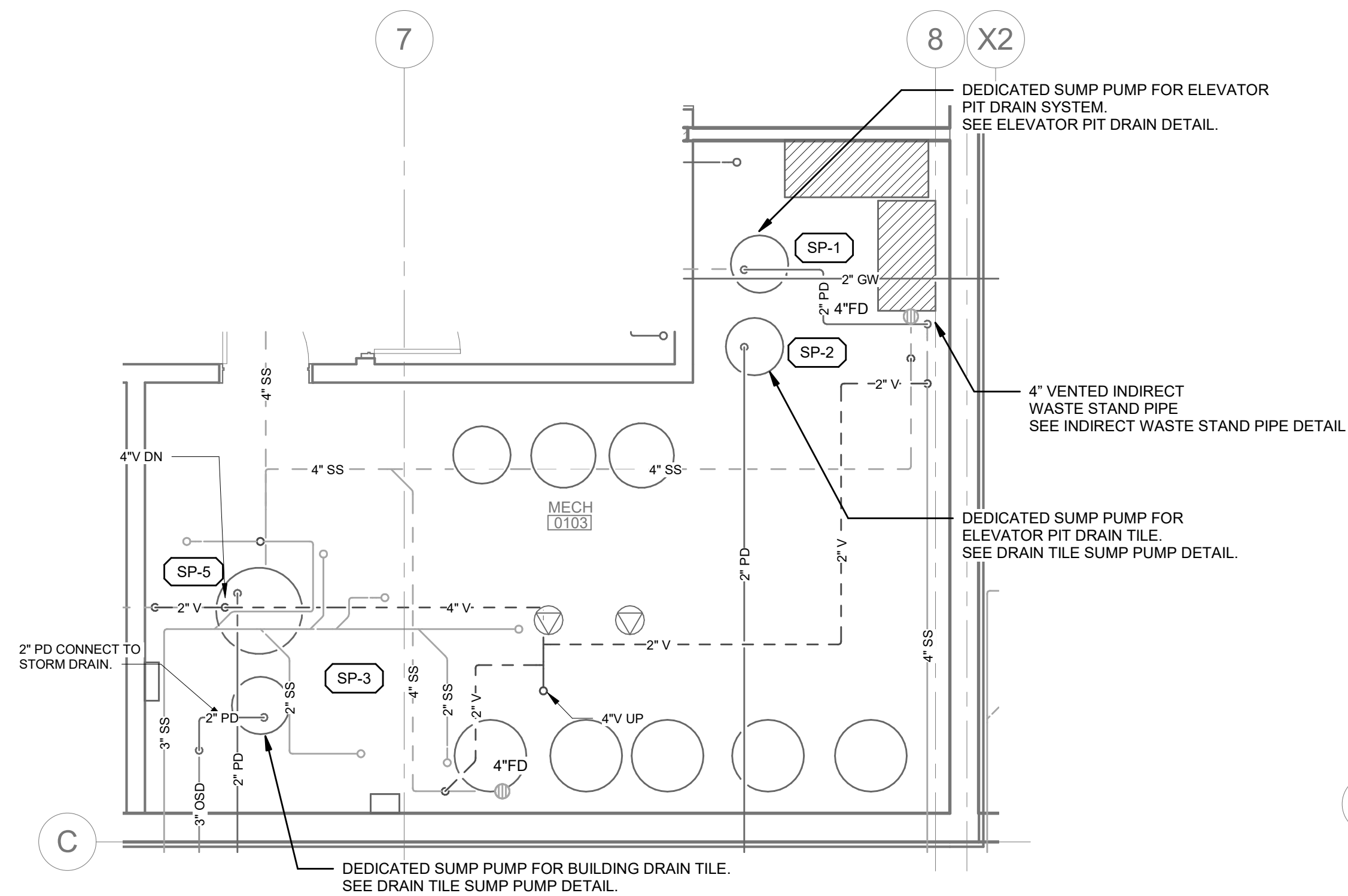
RDB RDB

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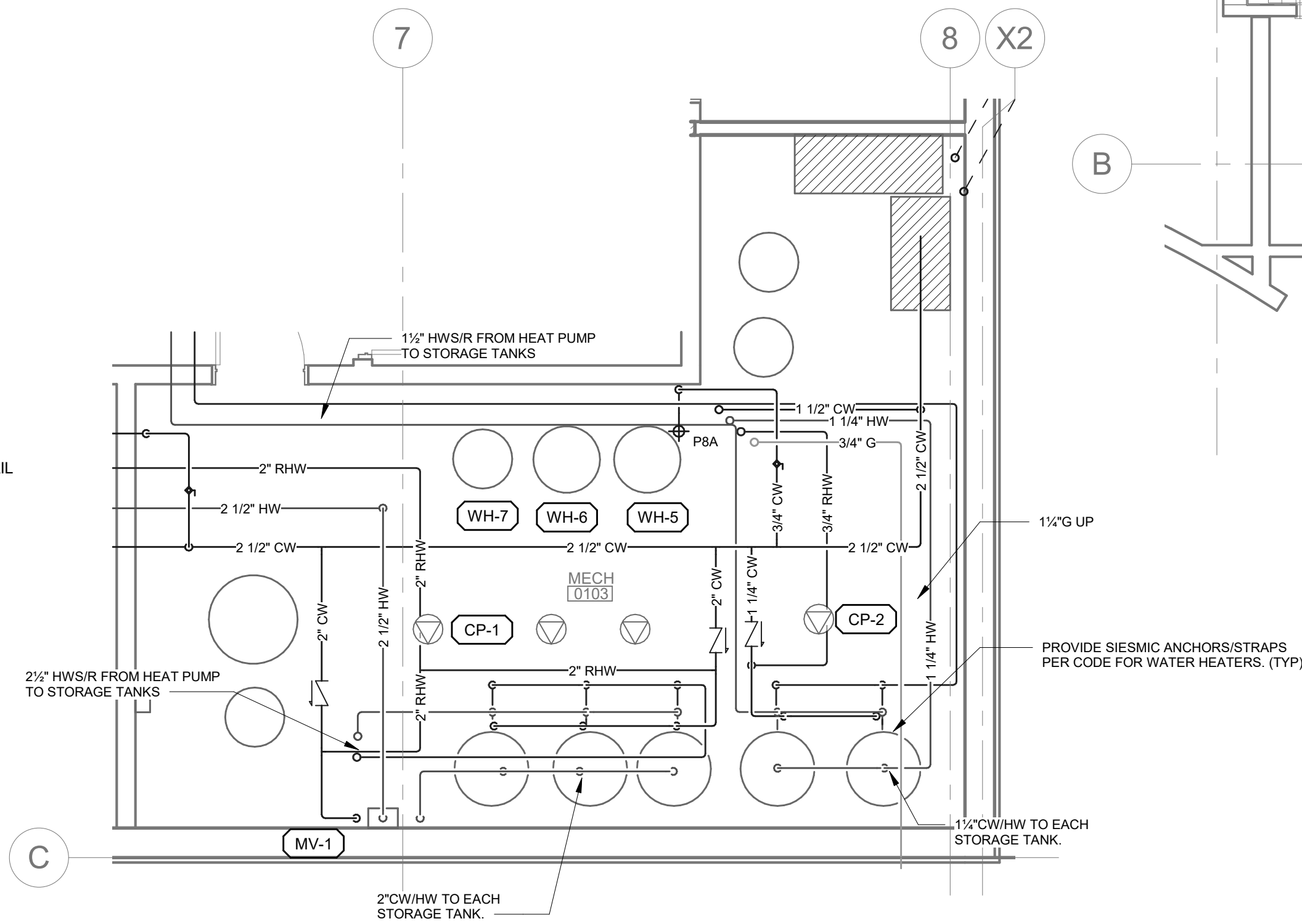
WESLEY BRADLEY PARK
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ENLARGED PLAN

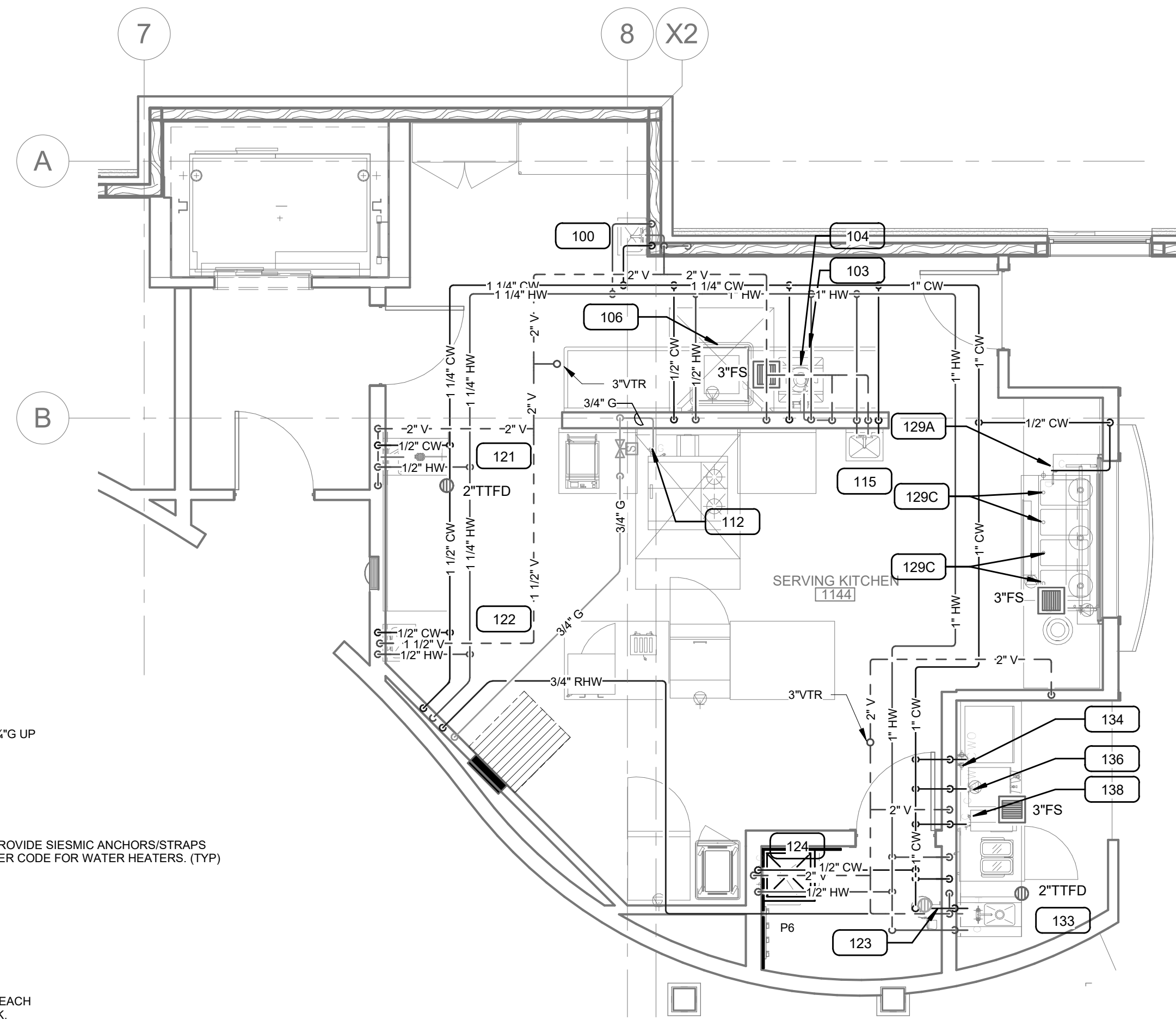
M3.1



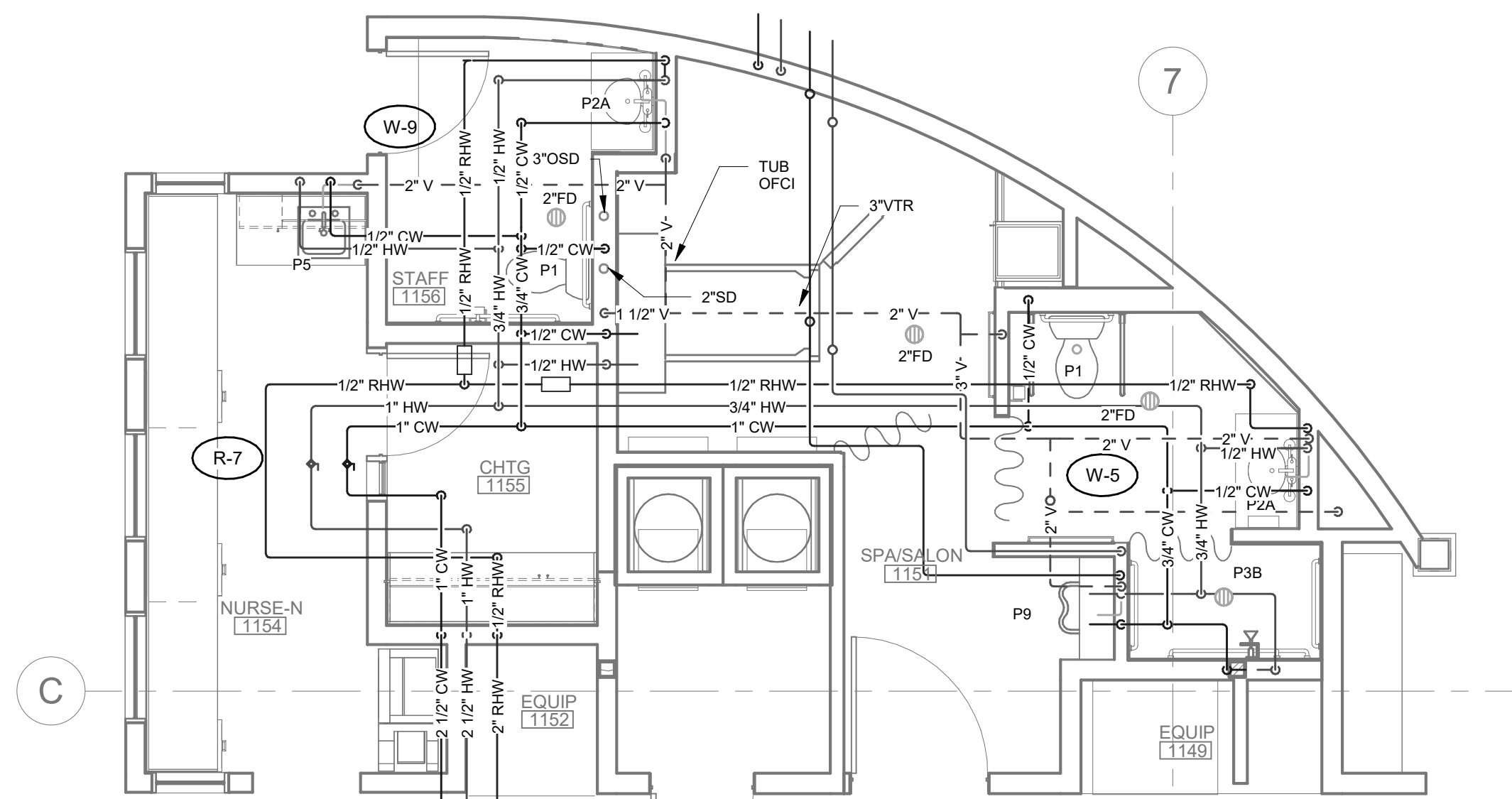
ENLARGED MECHANICAL ROOM DWV
PLAN
8
1/4" = 1'-0"



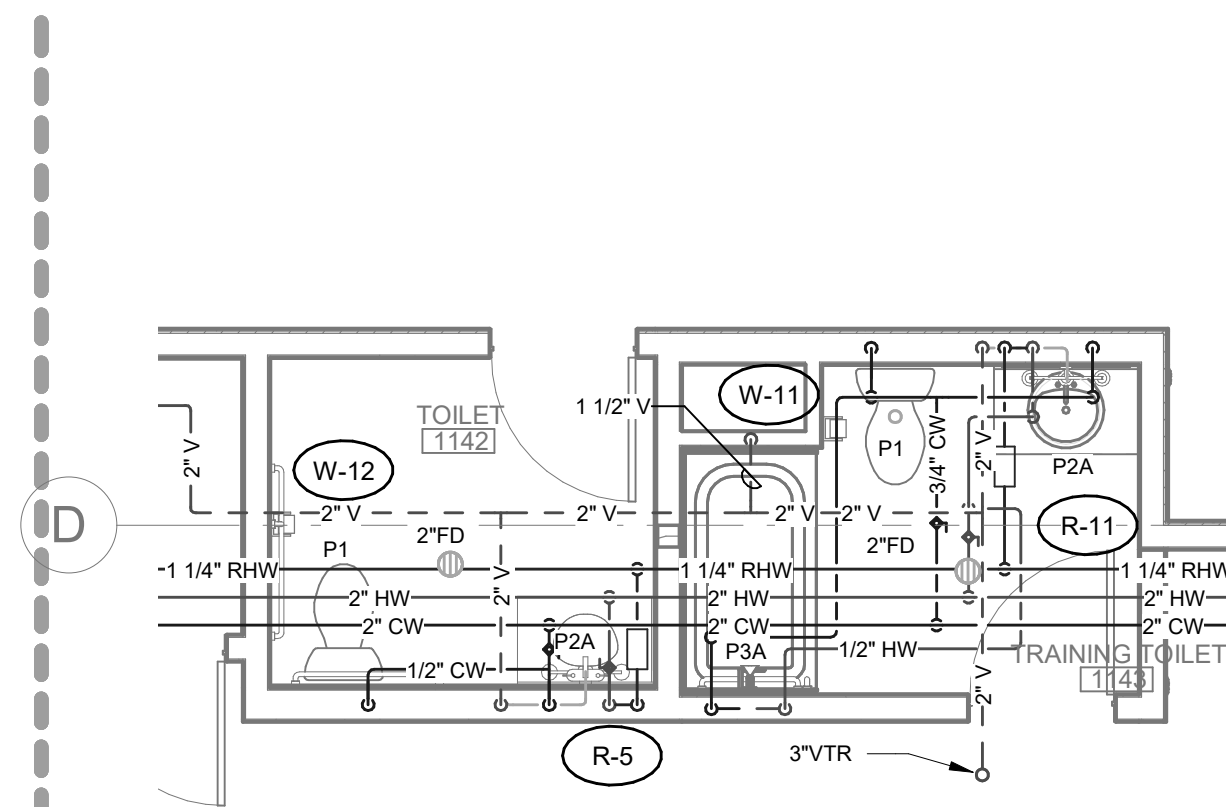
ENLARGED MECHANICAL ROOM
DOMESTIC WATER PLAN
2
1/4" = 1'-0"



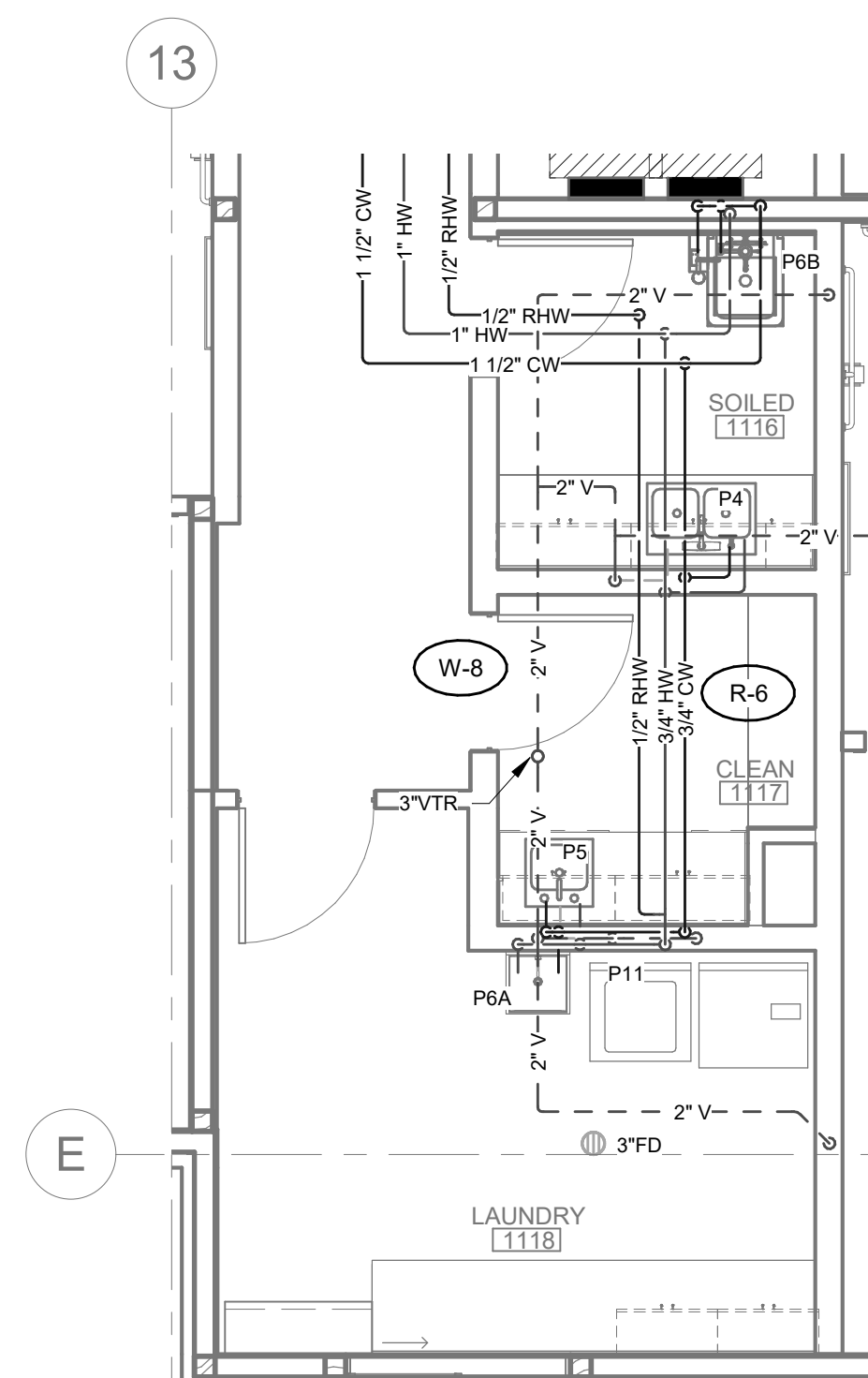
ENLARGED KITCHEN PLUMBING PLAN
1
1/4" = 1'-0"



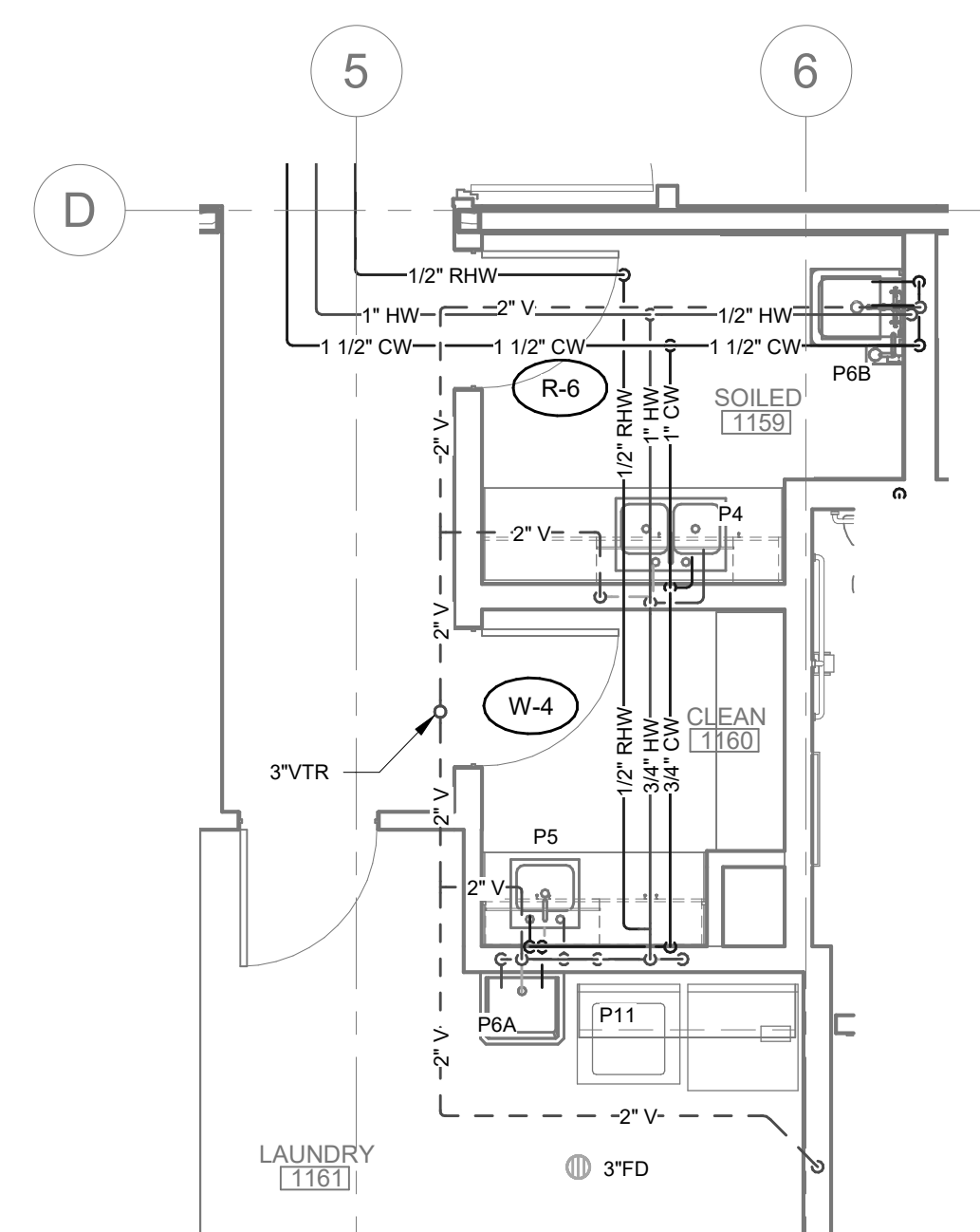
ENLARGED SPA AREA PLUMBING PLAN
7
1/4" = 1'-0"



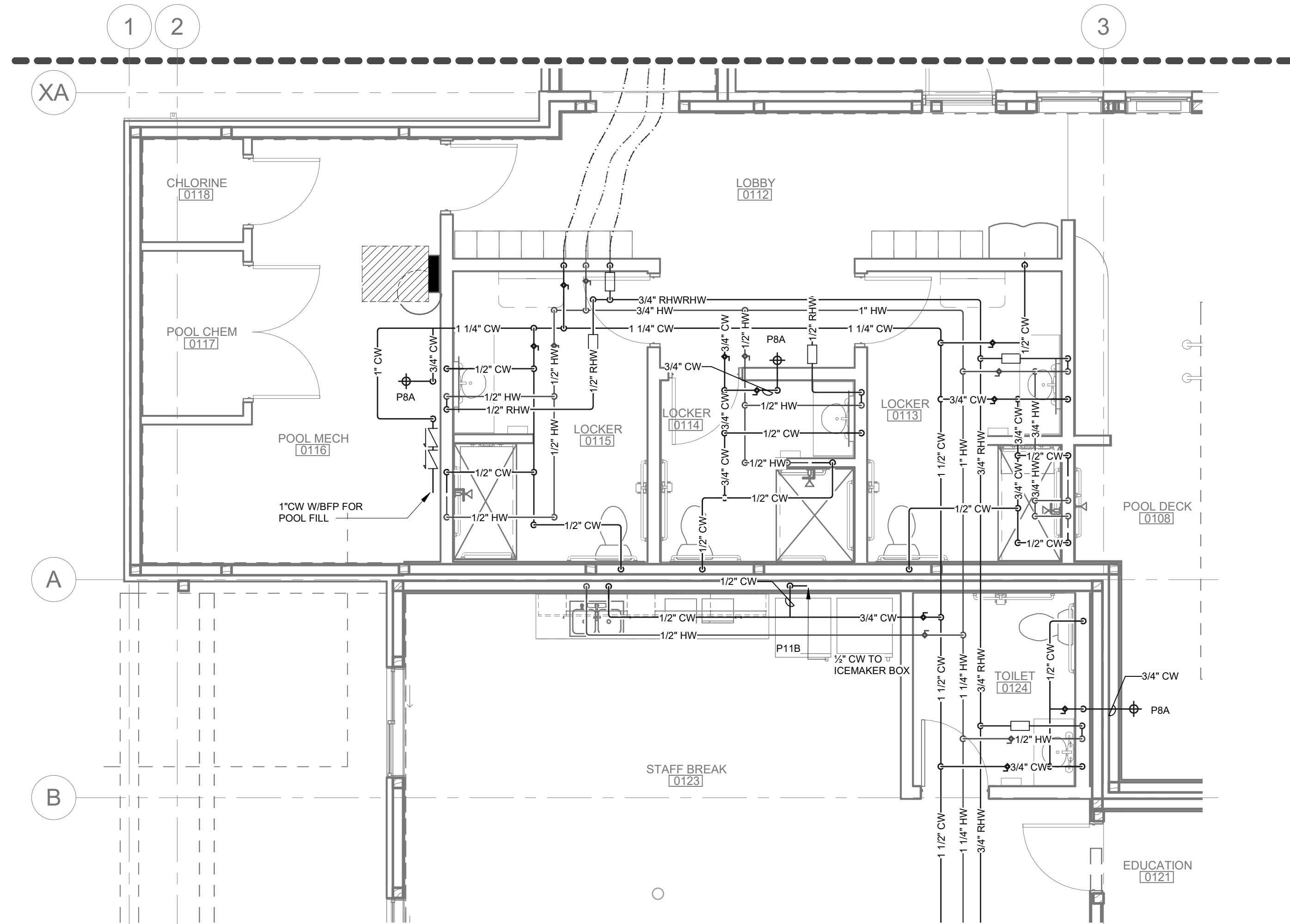
ENLARGED TRAINING AREA PLUMBING
PLAN
6
1/4" = 1'-0"



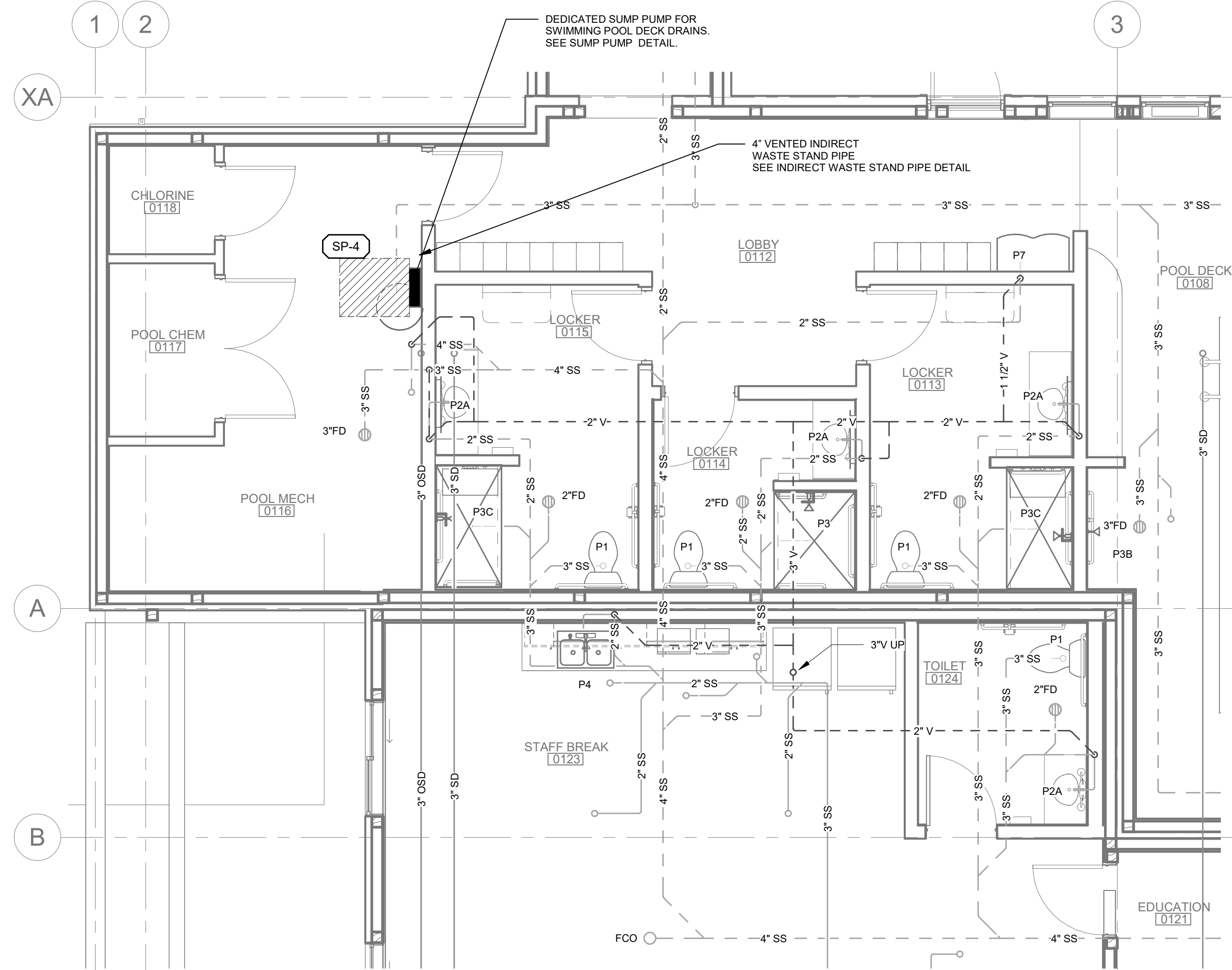
ENLARGED SOUTH LAUNDRY
PLUMBING PLAN
4
1/4" = 1'-0"



ENLARGED NORTH LAUNDRY PLAN
3
1/4" = 1'-0"

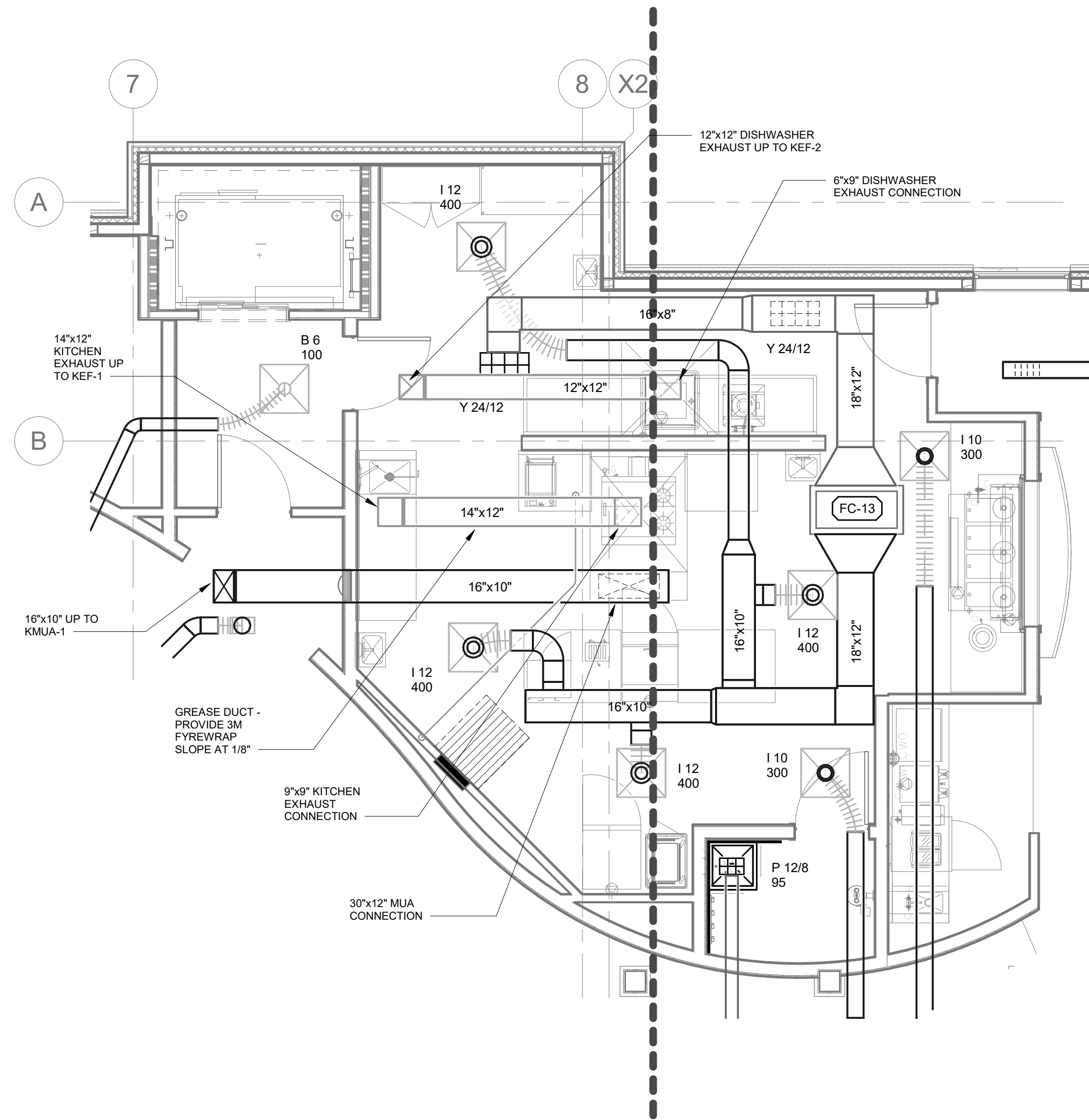


ENLARGED POOL AREA DOMESTIC
WATER PLAN
1/4" = 1'-0"



ENLARGED POOL AREA DWV PLAN
1/4" = 1'-0"

KITCHEN AIR BALANCE SCHEDULE					
EXHAUST			MAKE-UP AIR		
TAG	SERVES	CFM	TAG	SERVES	CFM
KEF-1	GREASE HOOD	900	KMUA-1	GREASE HOOD	800
KEF-2	DISHWASHER HOOD	600	ERV-2	KITCHEN	600
-	-	-	-	-	-
-	-	-	-	-	-
TOTAL EXHAUST AIR:		1500	TOTAL MAKE-UP AIR:		1400
SYSTEM BALANCE:					
PRESSURIZATION (NEG):		(100 CFM)			
PERCENTAGE (NEG):		(7%)			



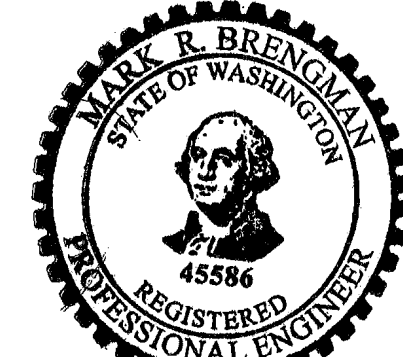
ENLARGED KITCHEN HVAC PLAN
1/4" = 1'-0"

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Mark R. Breneman
Signature

Mark R. Breneman
Typed or Printed Name

Mechanical 12/02/24
Discipline Date

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**CARE CENTER
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PHASE 2 - CARE CENTER

ENLARGED PLAN

M3.2



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Signature

Mark R. Breneman
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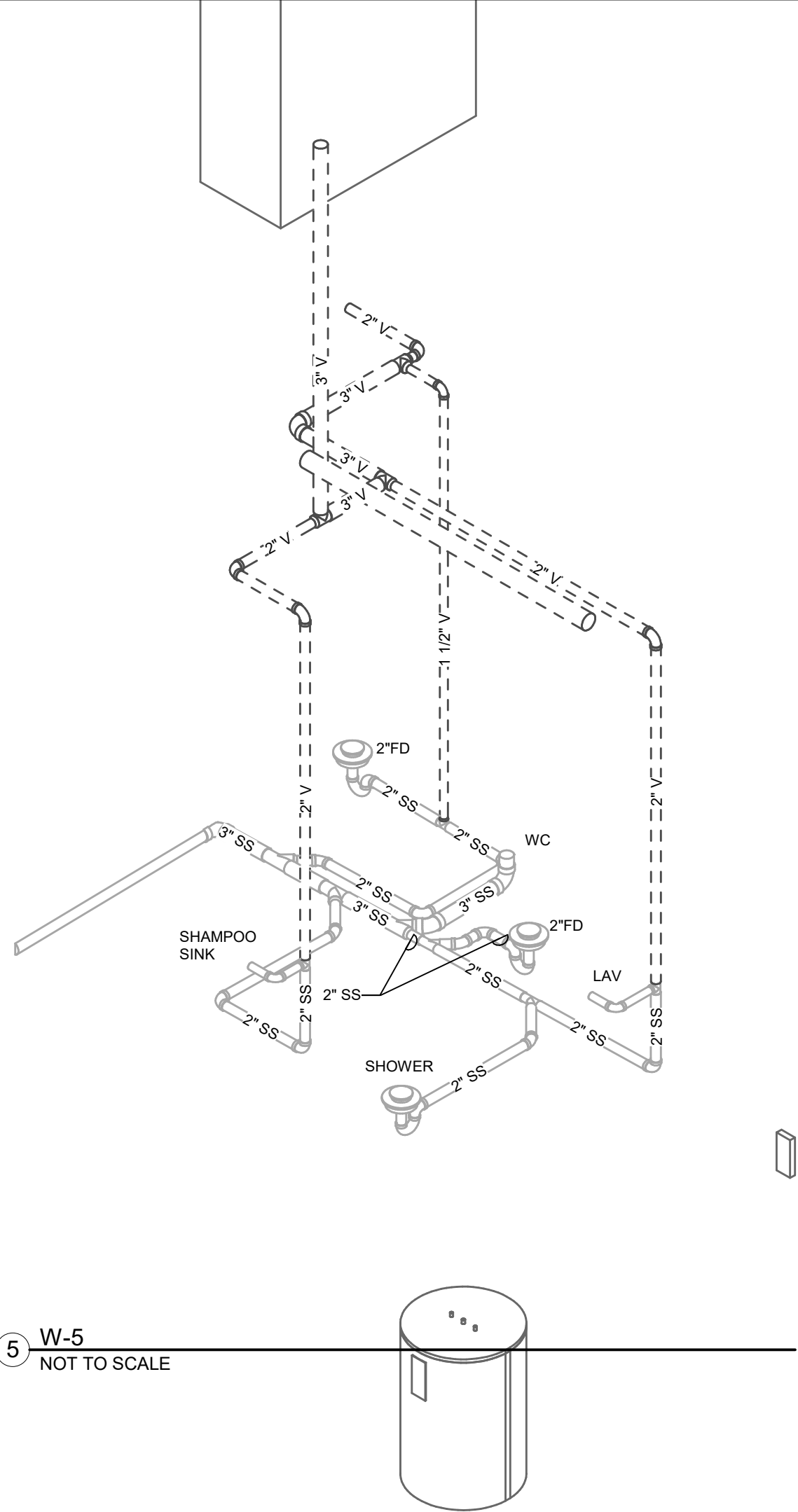
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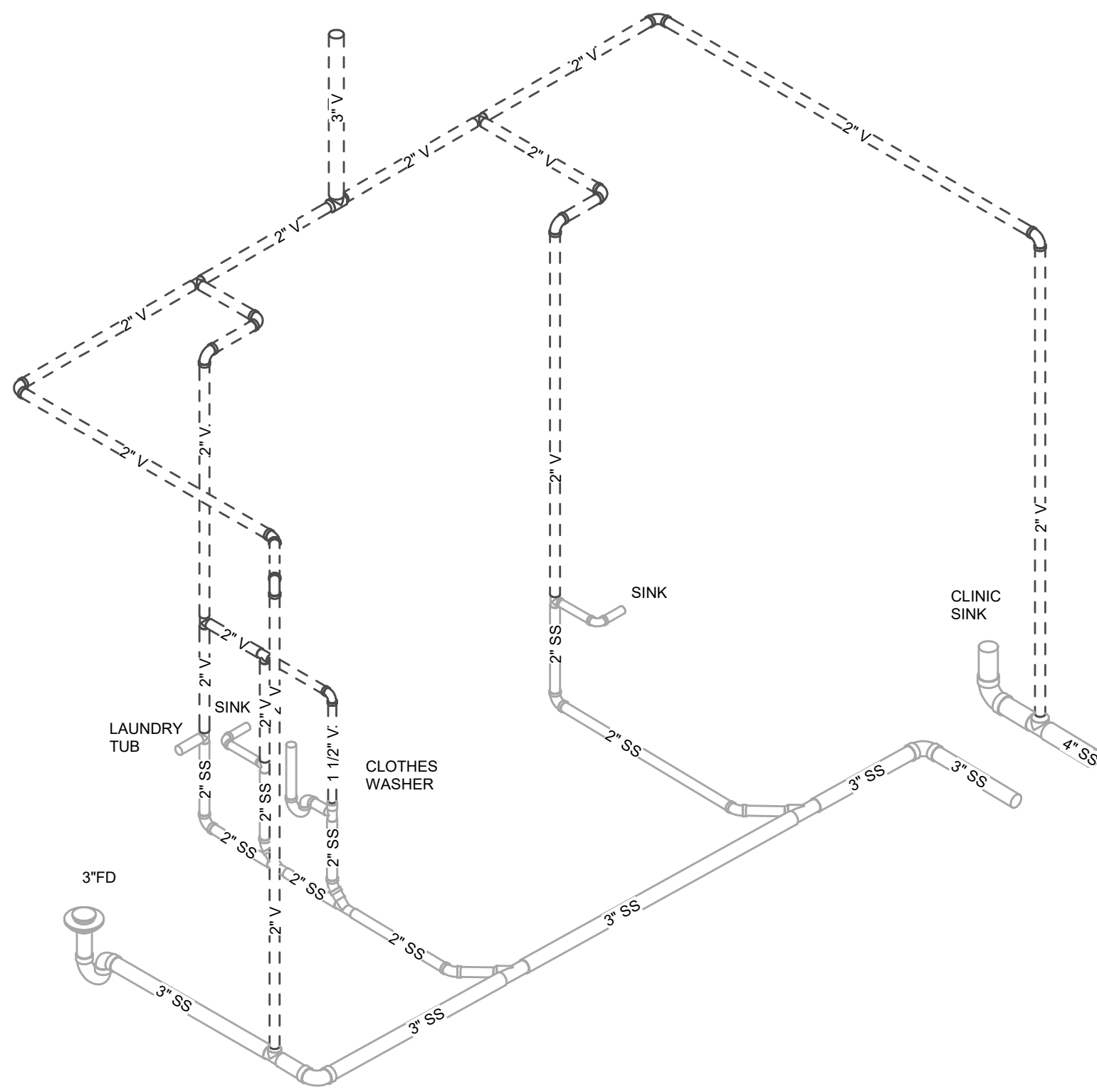
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PHASE 2 - CARE CENTER

PLUMBING RISERS

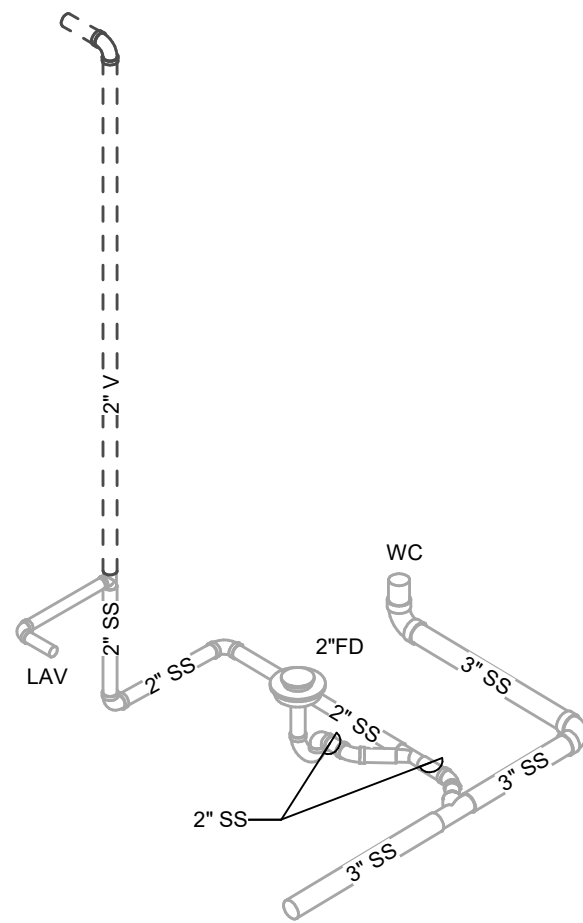
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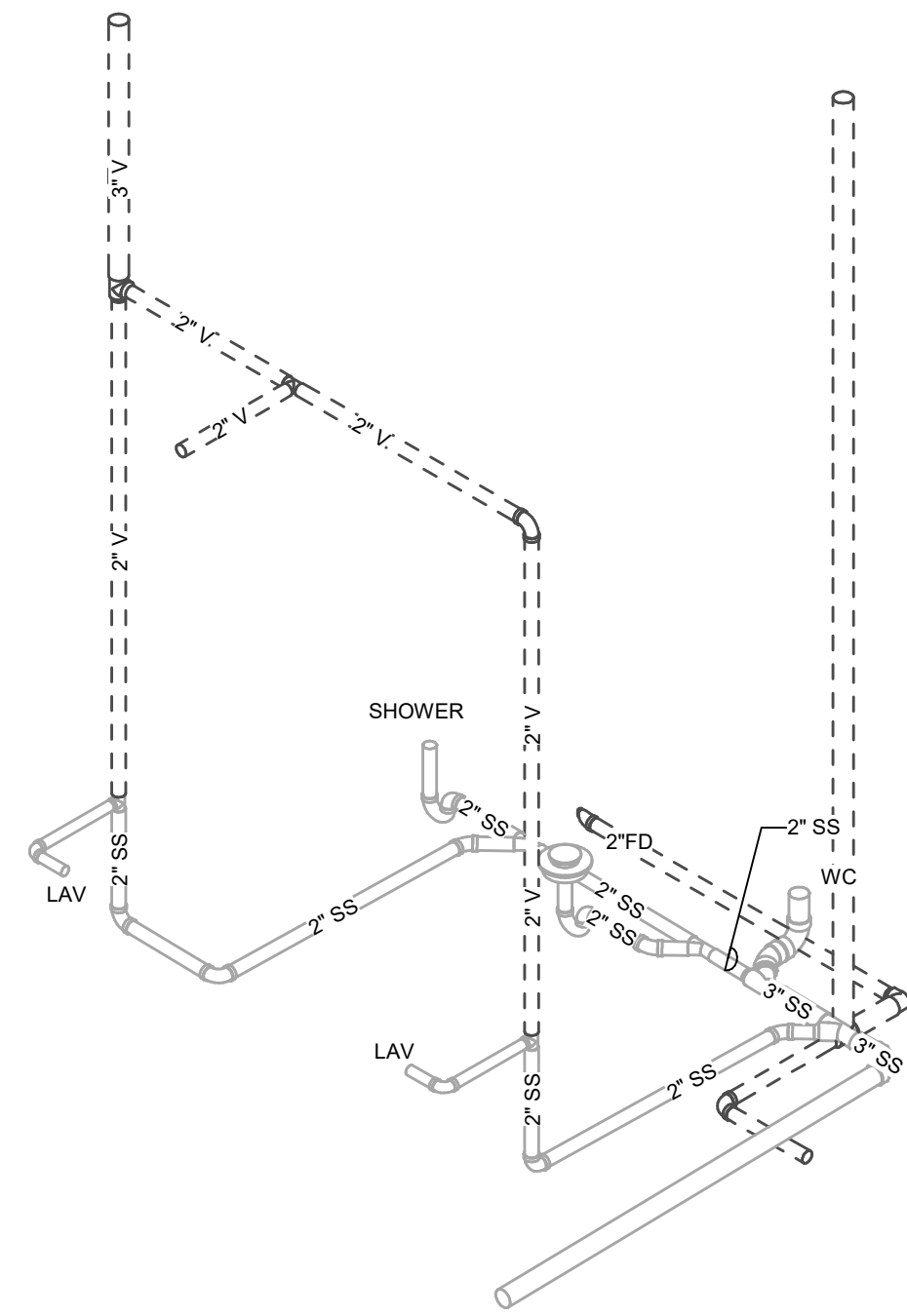
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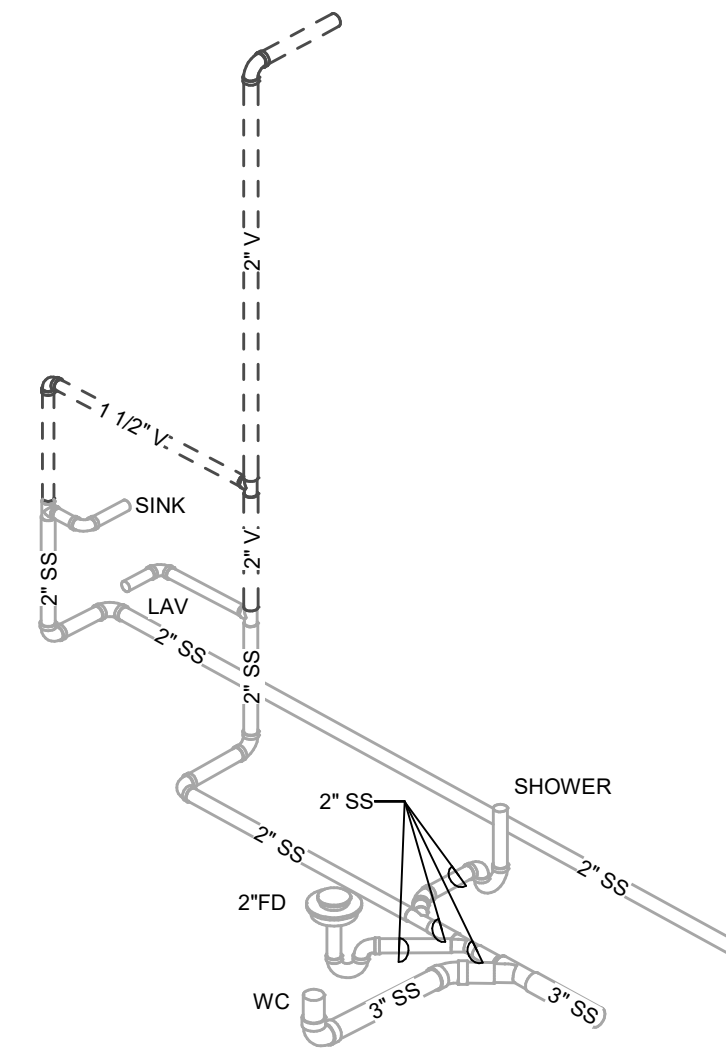
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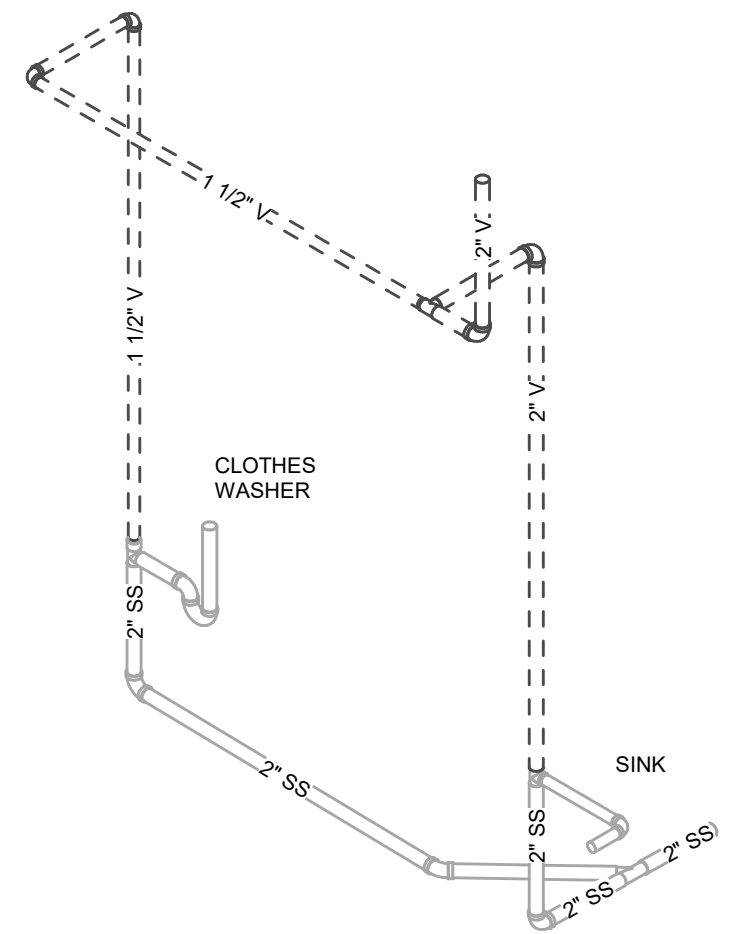
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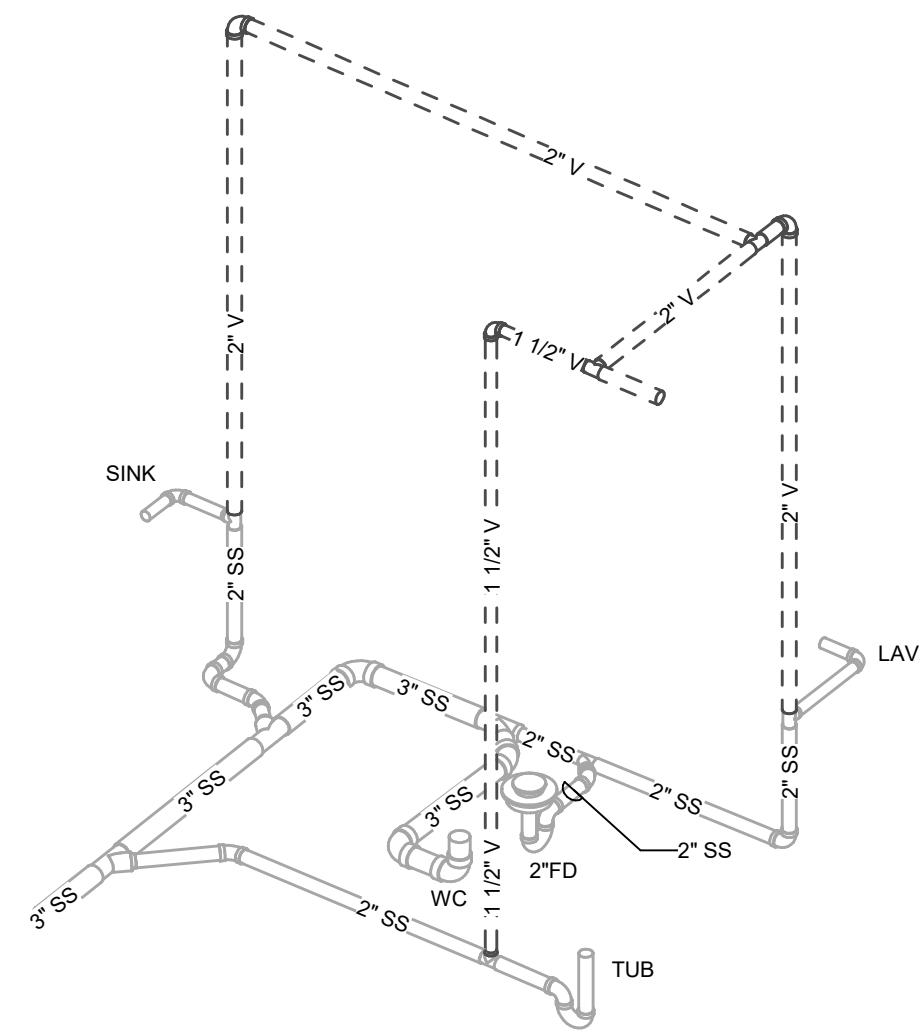
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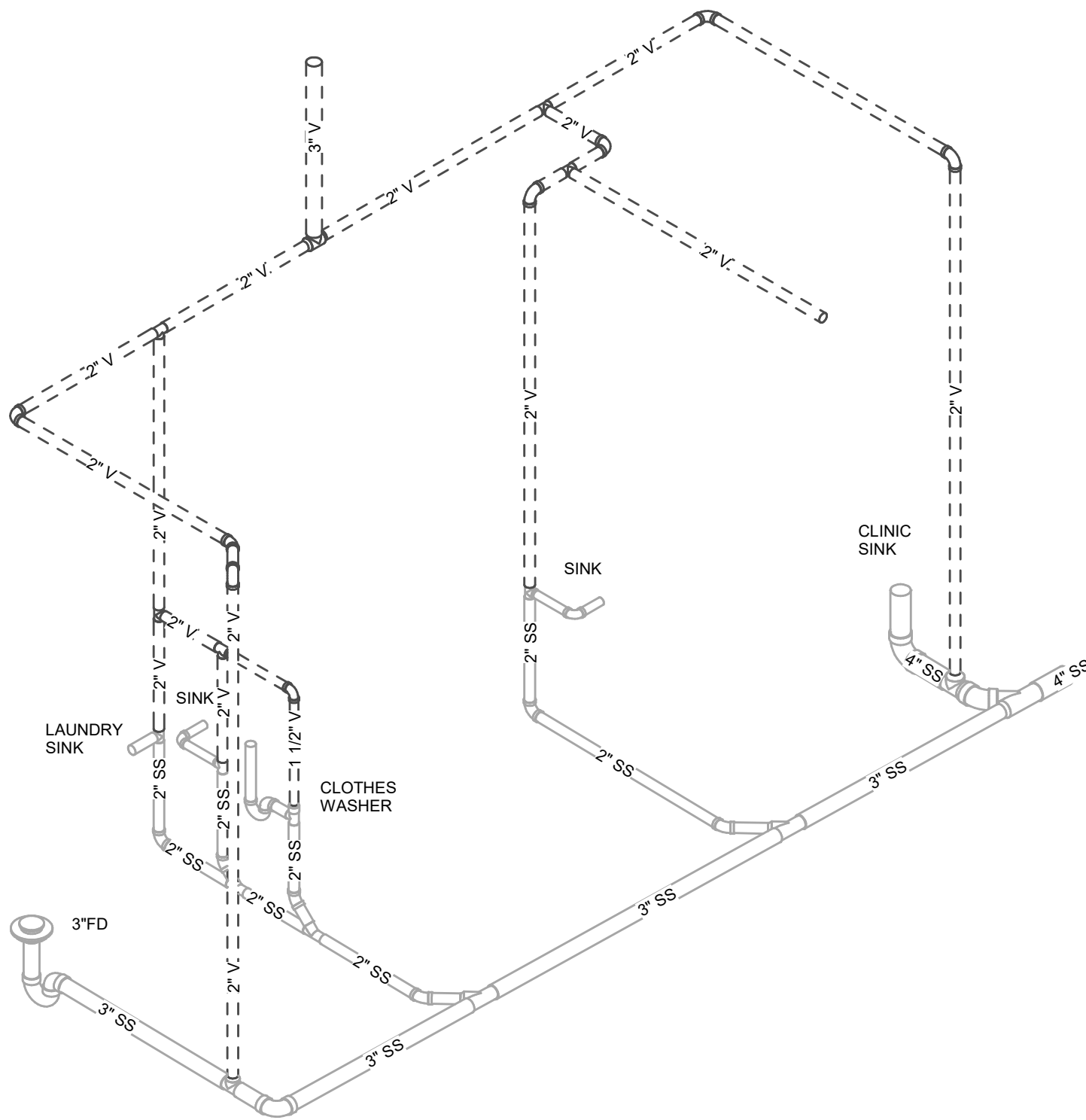
1 W-1
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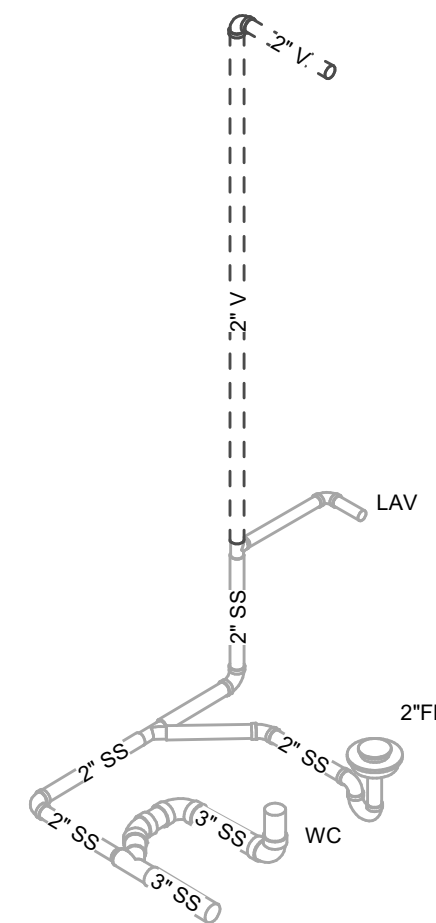
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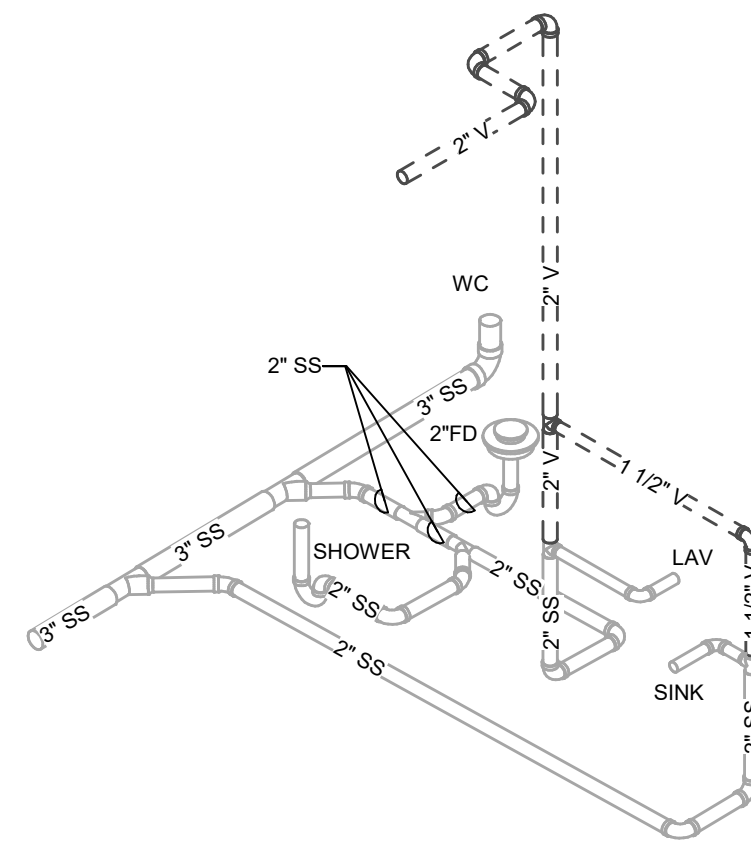
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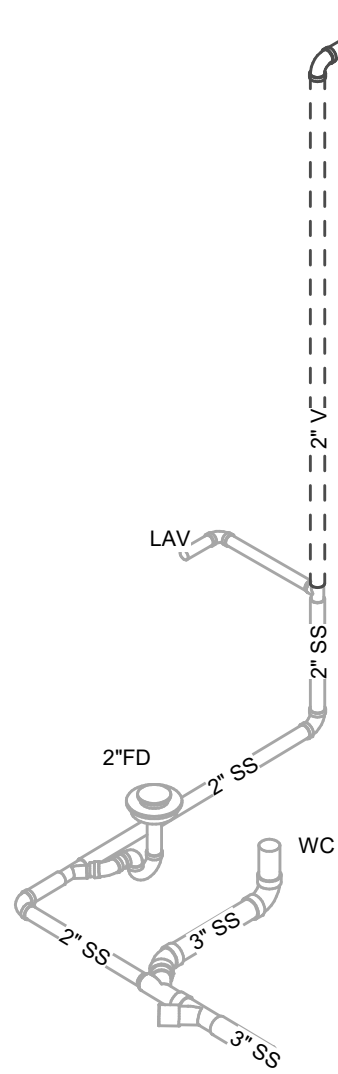
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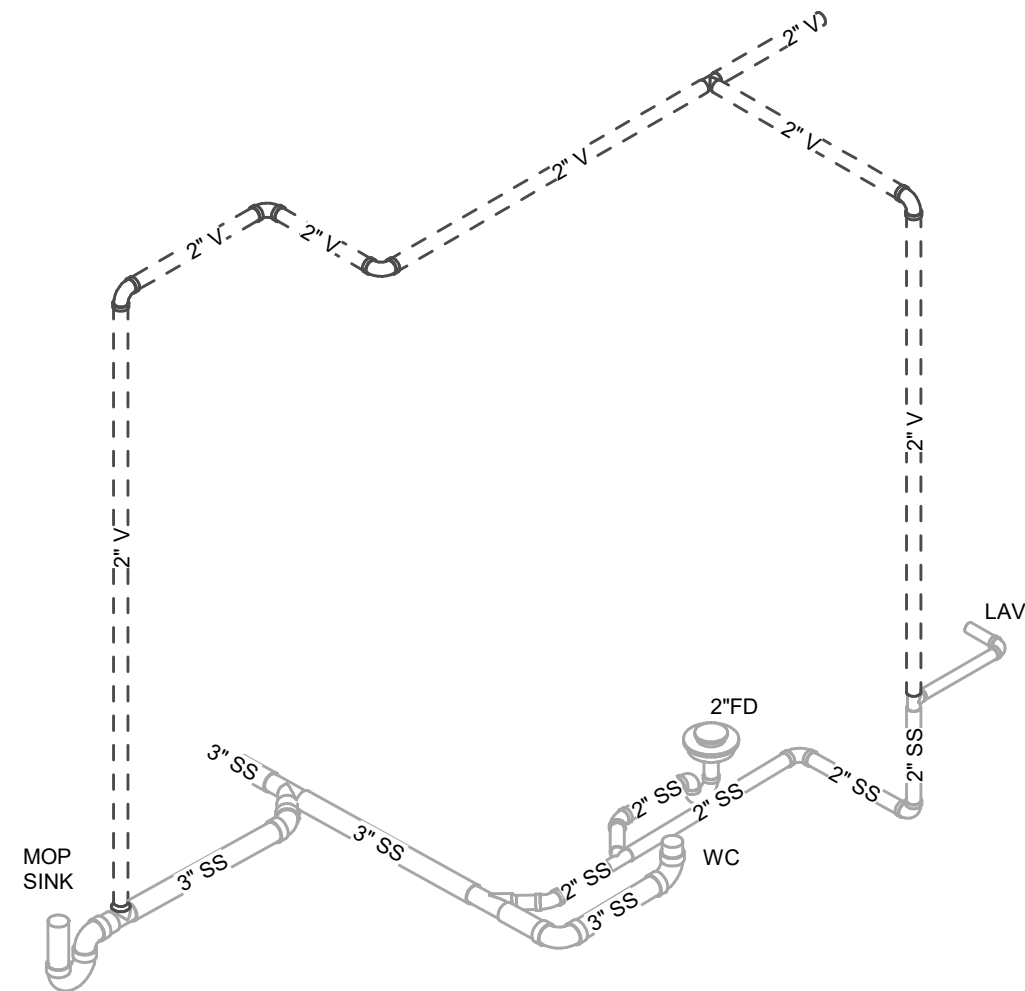
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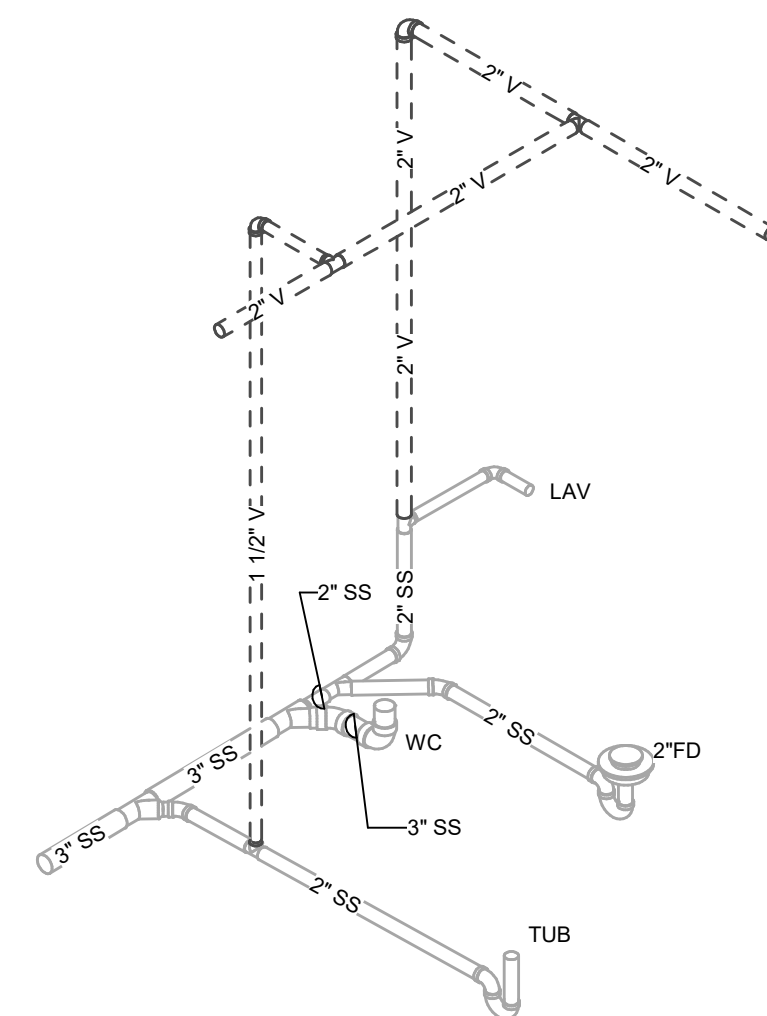
6 W-6
NOT TO SCALE



13 W-13
NOT TO SCALE



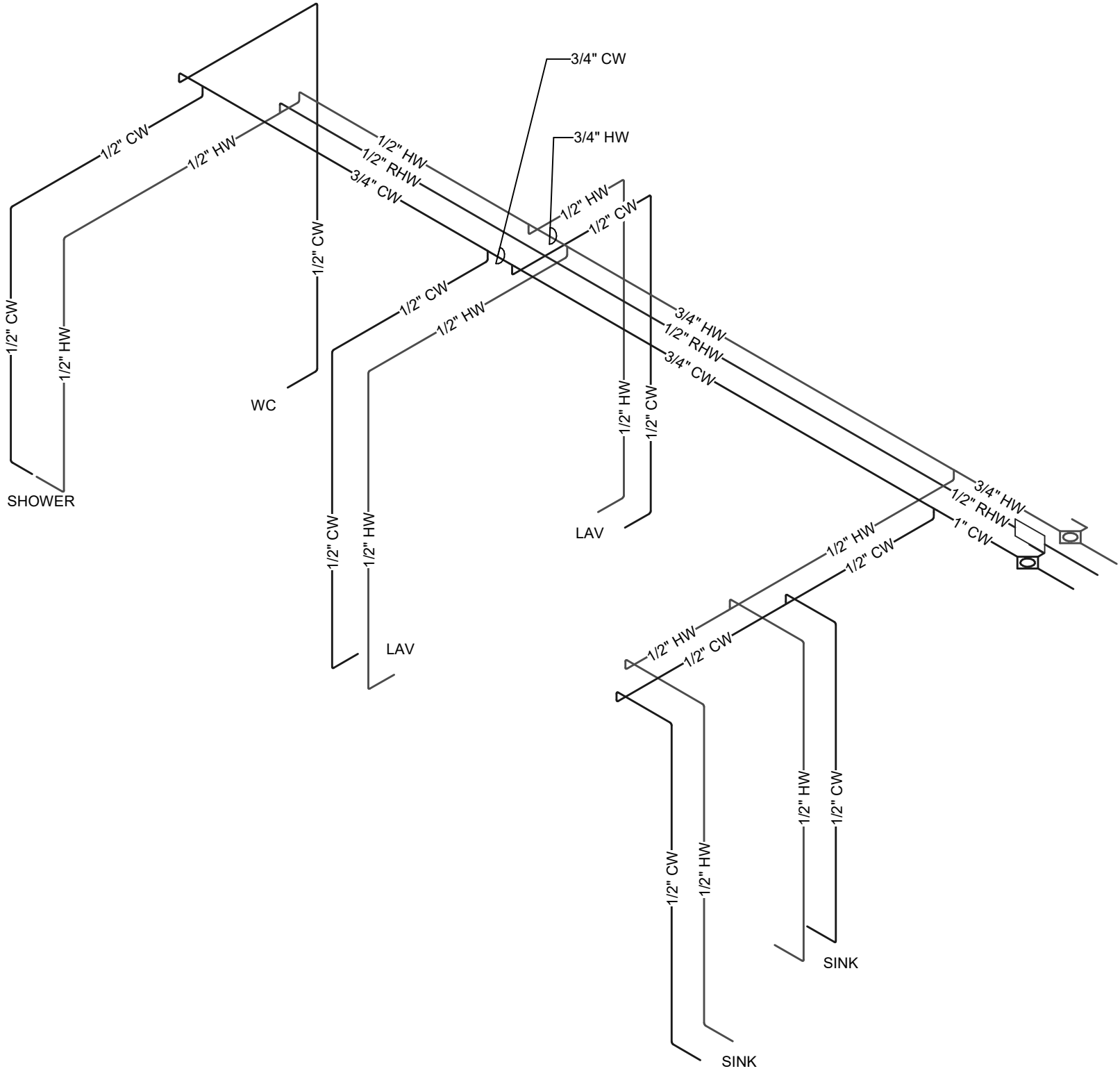
12 W-12
NOT TO SCALE



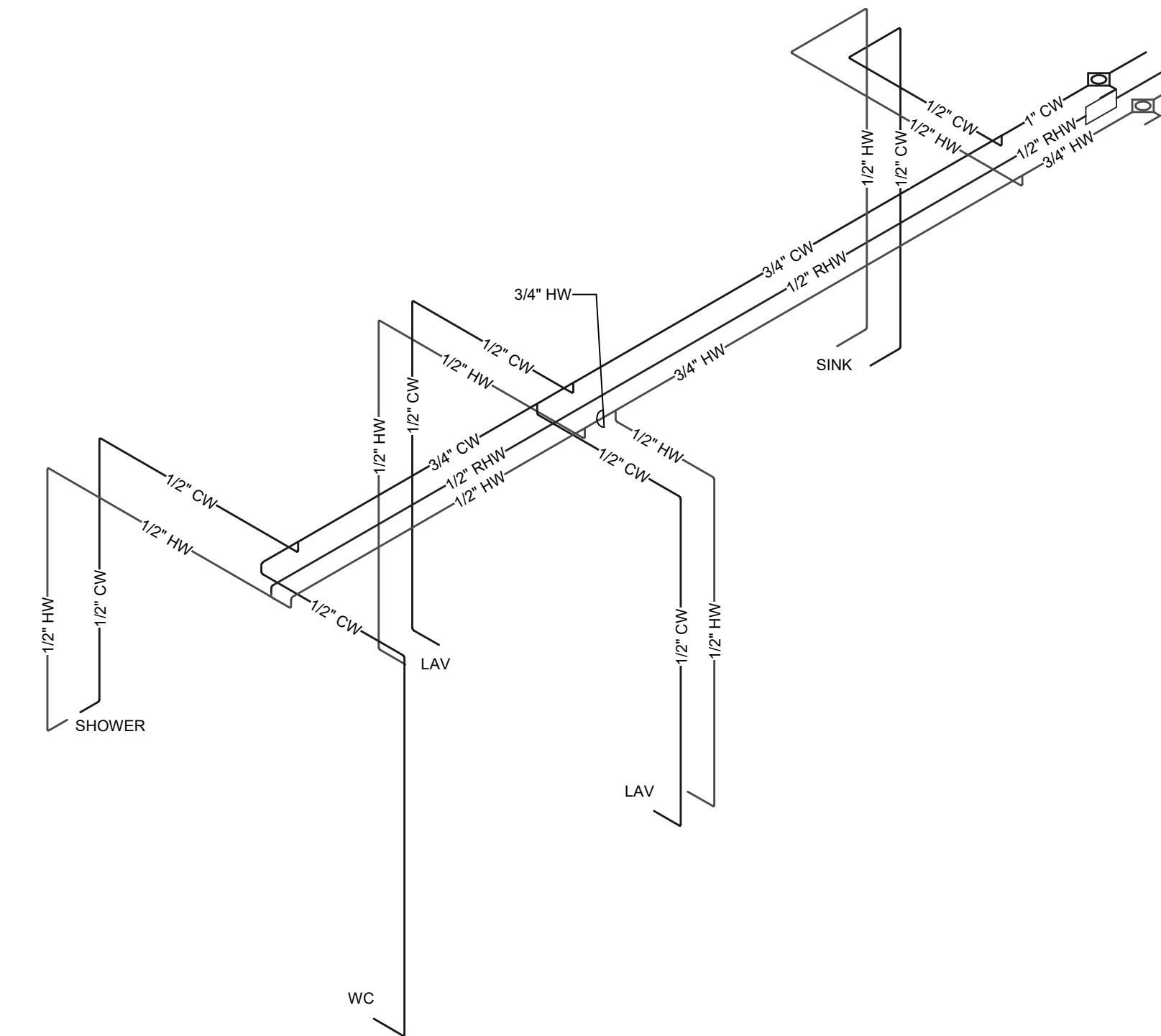
11 W-11
NOT TO SCALE

12/6/2024 9:12:49 AM

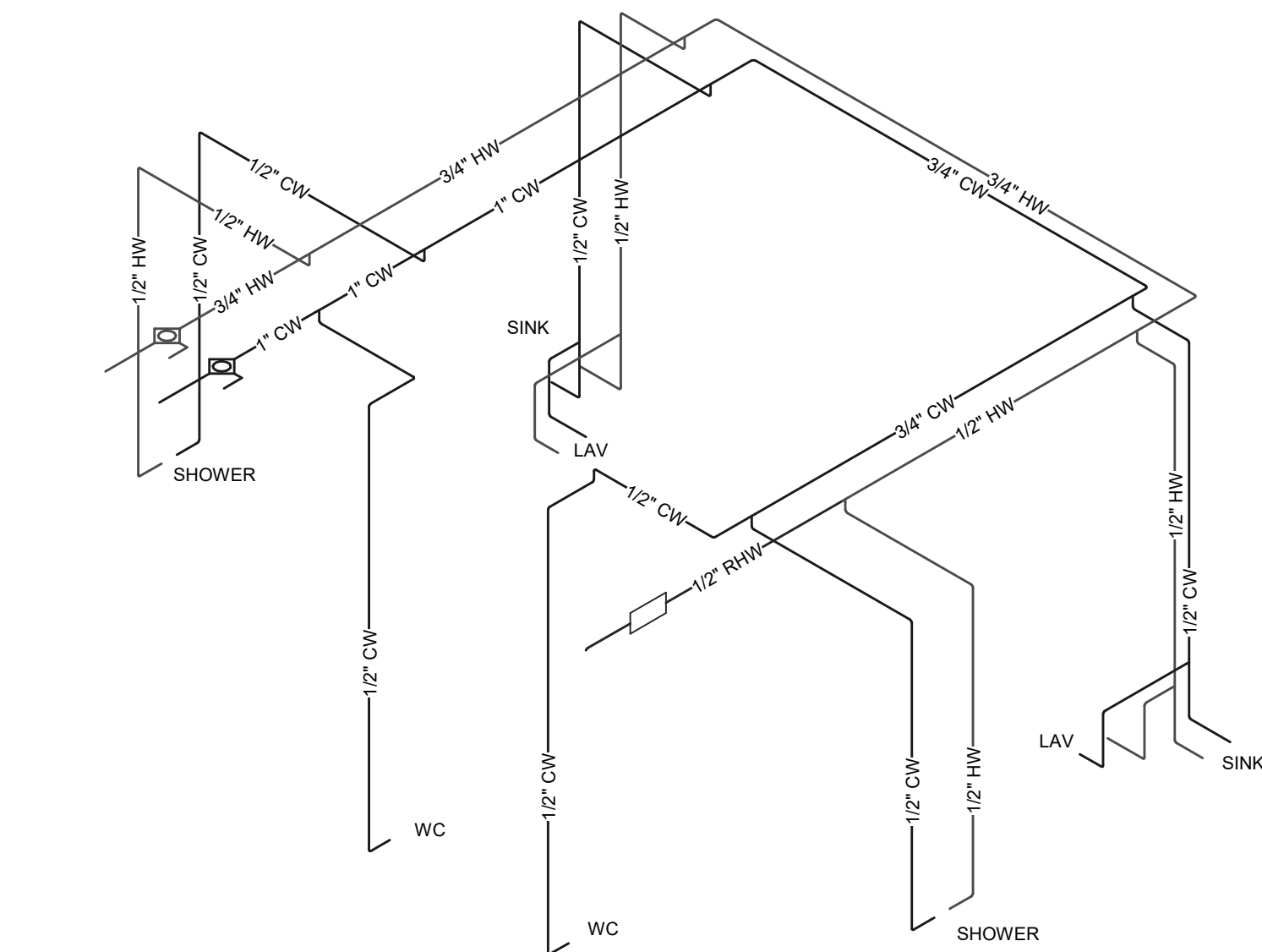
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NOT TO SCALE



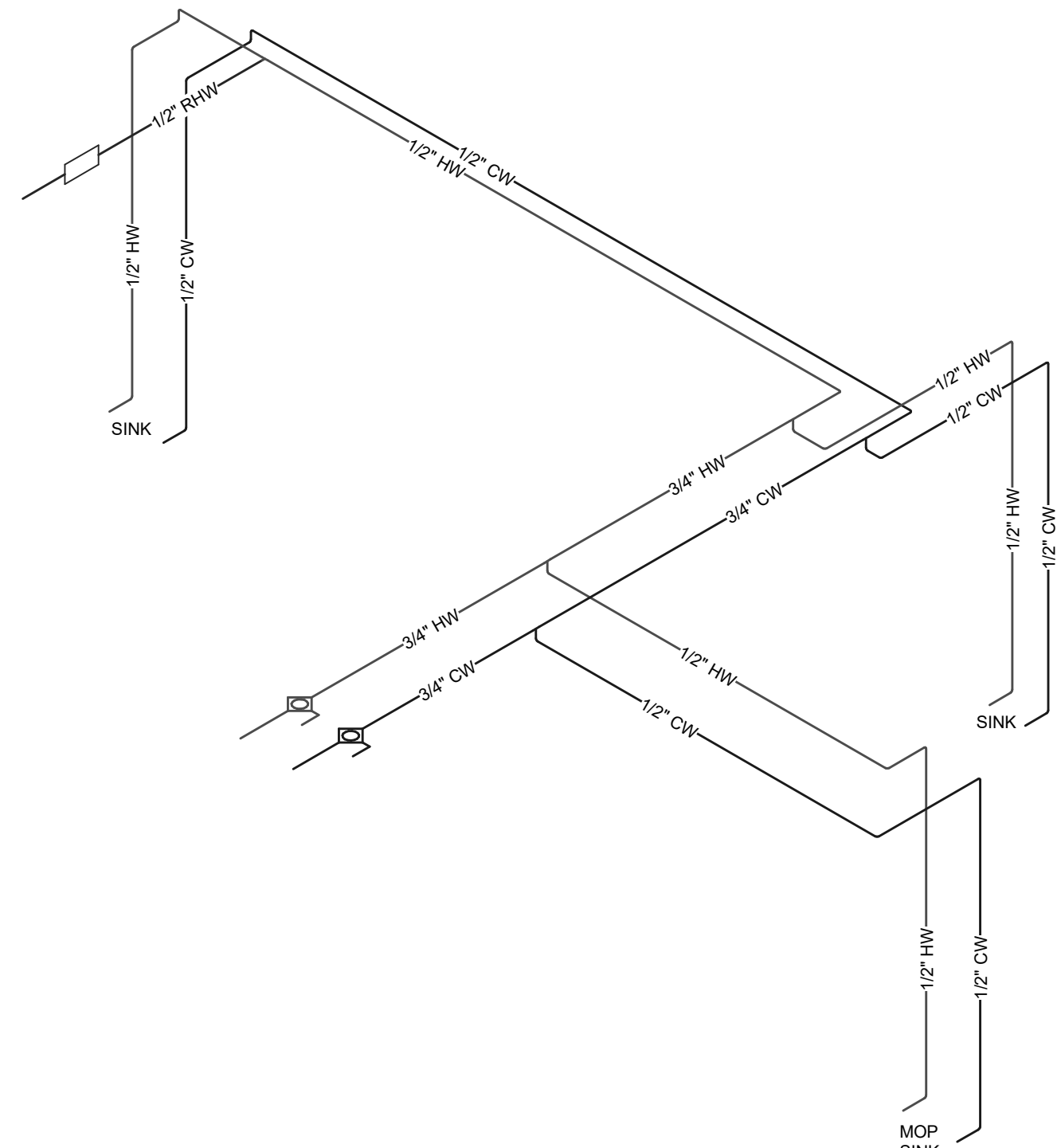
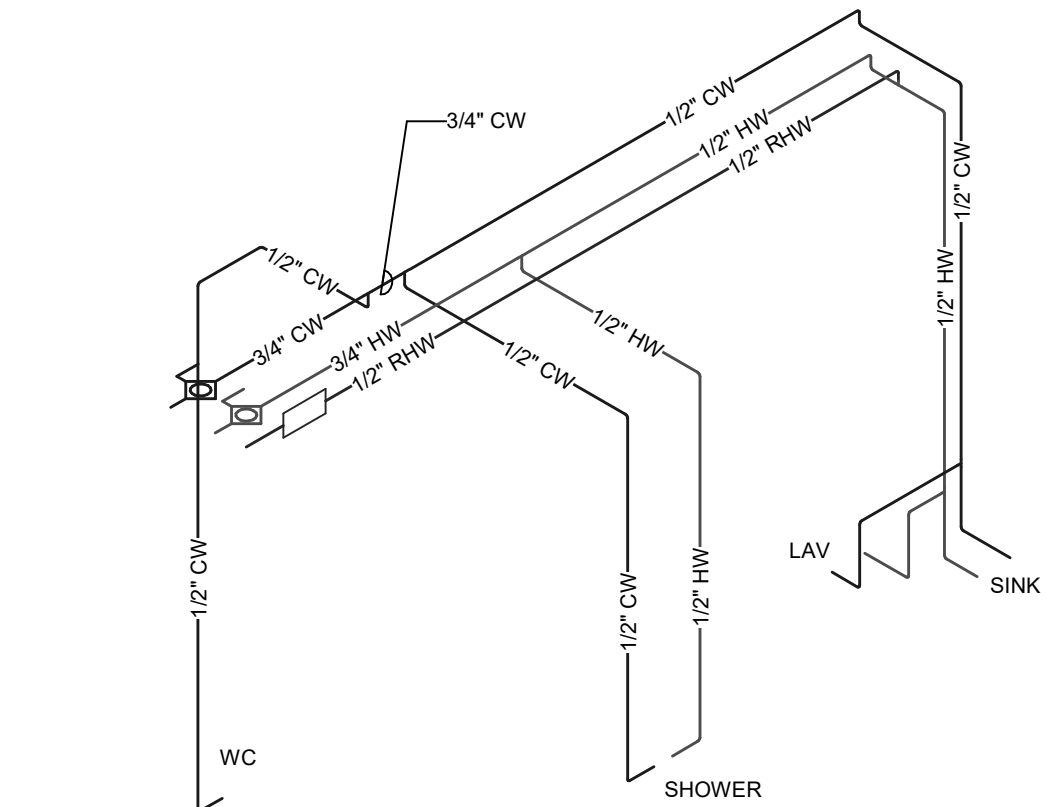
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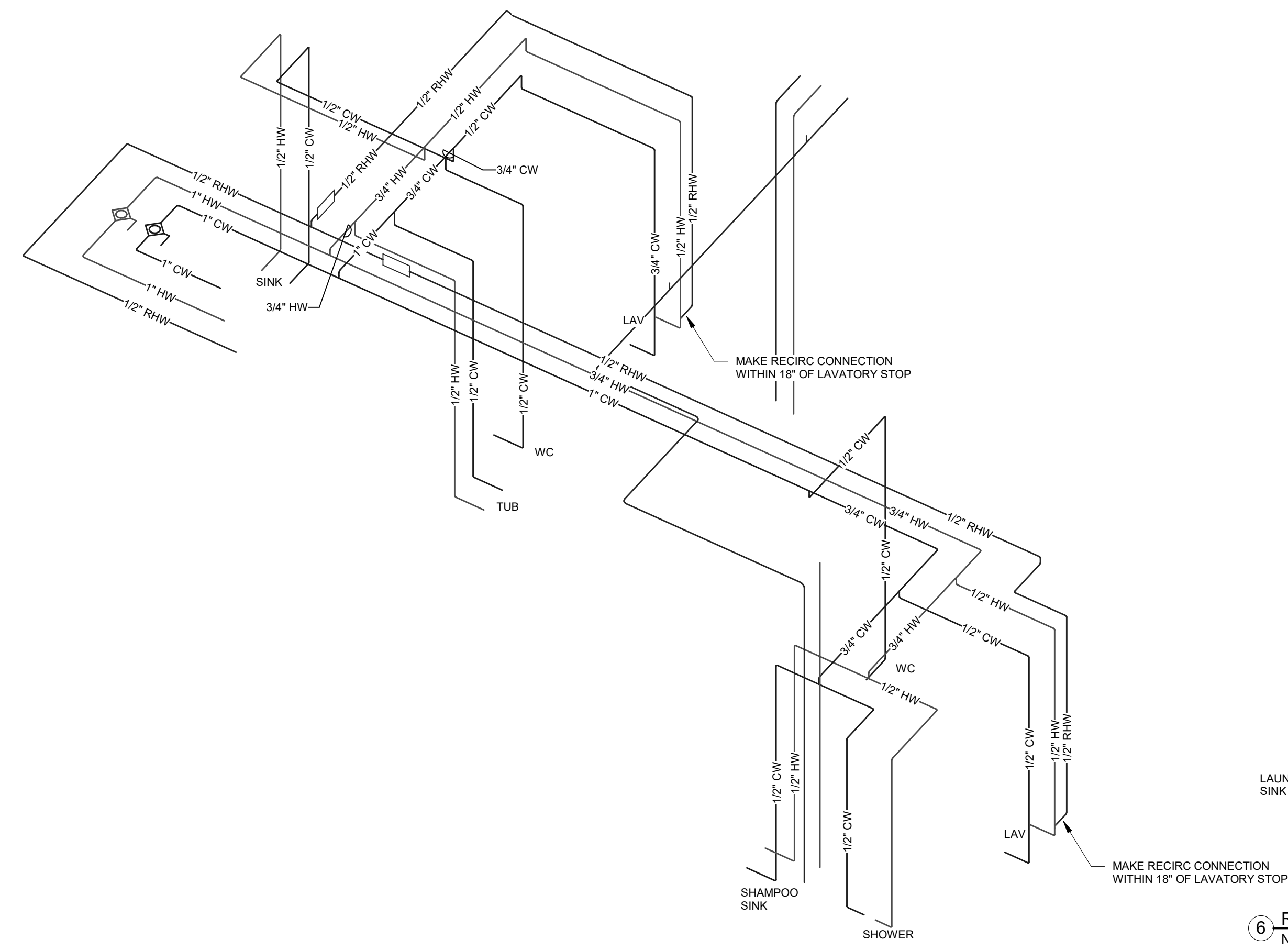
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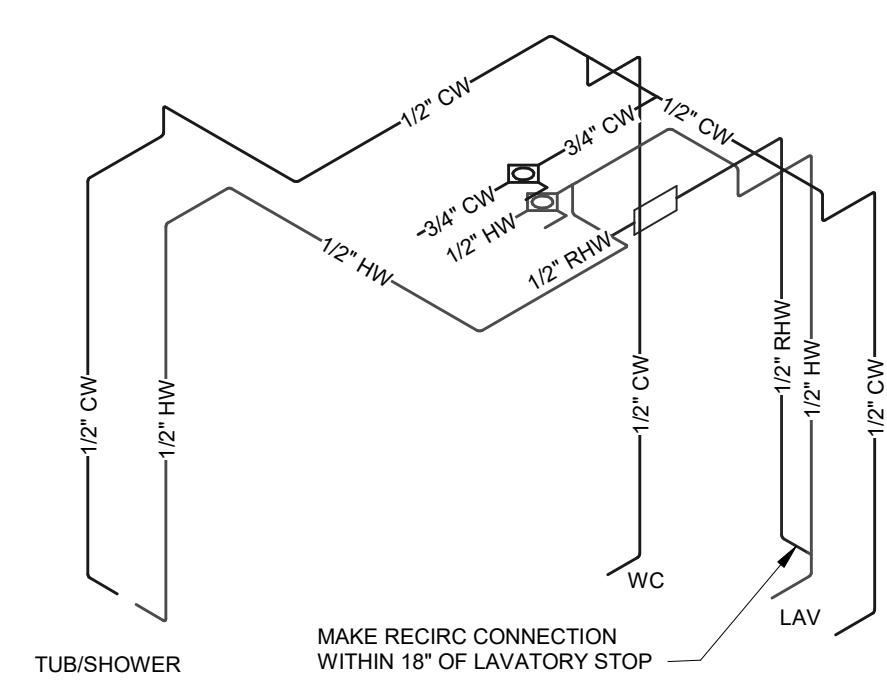
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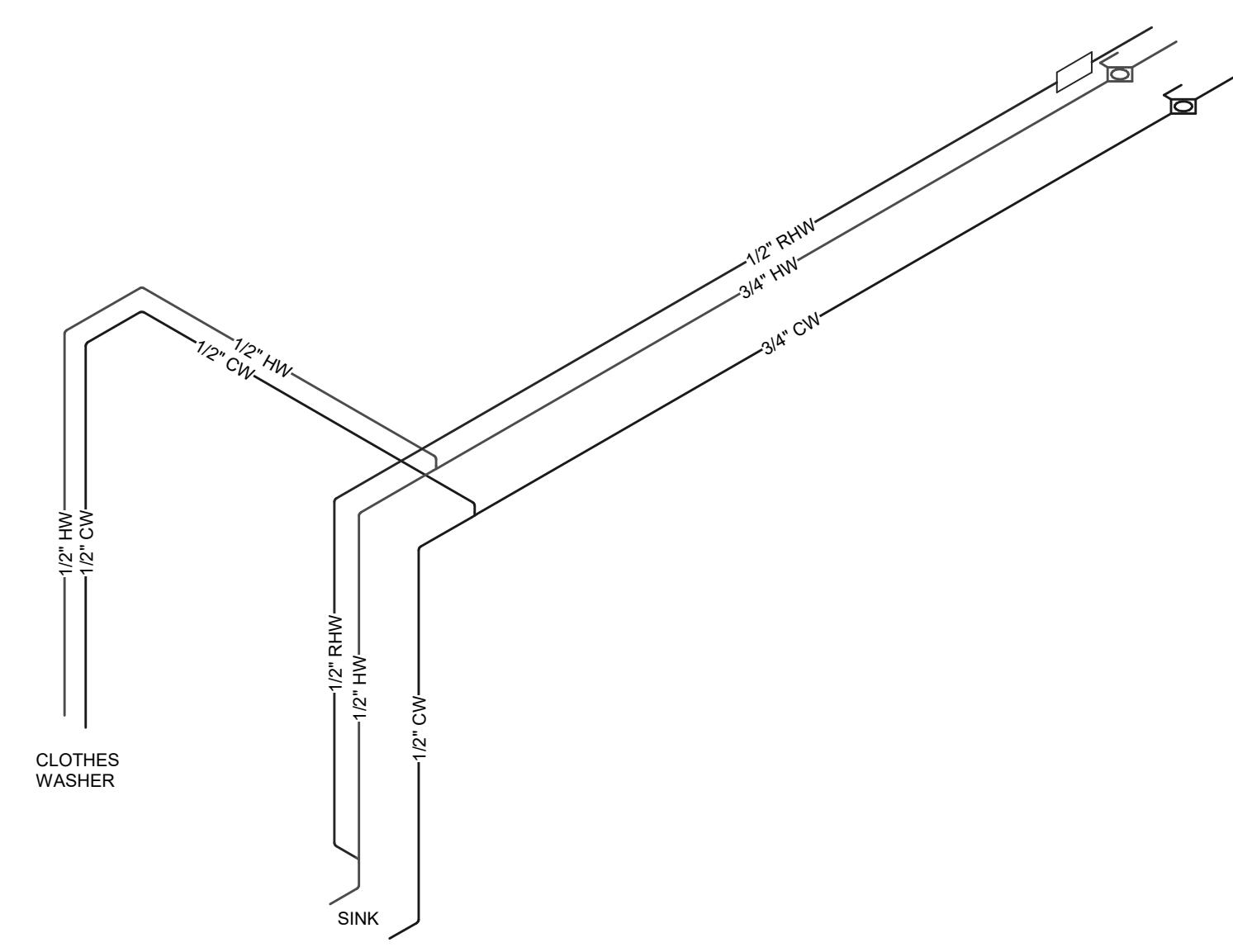
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NOT TO SCALE



7 R-7
NOT TO SCALE

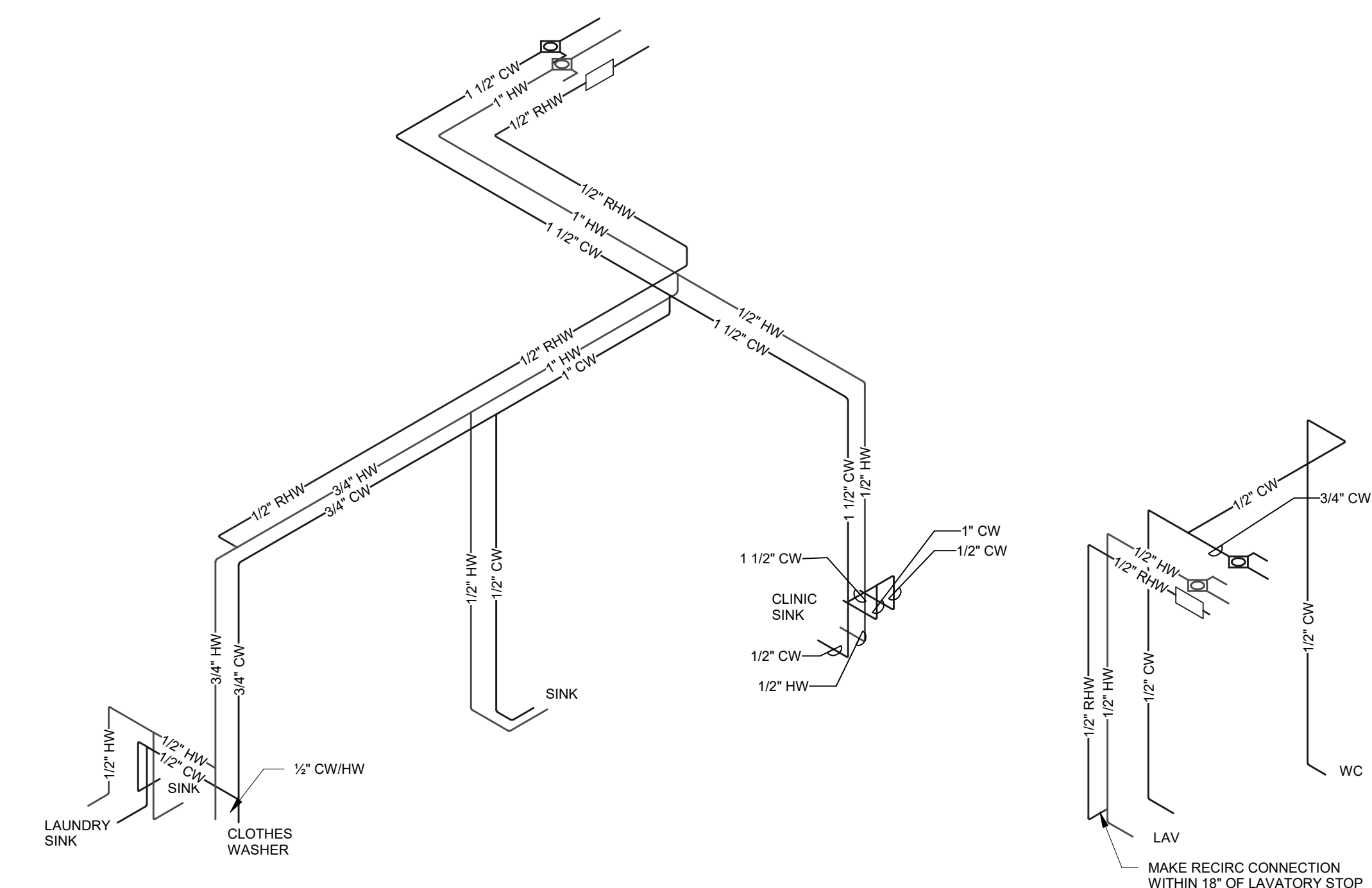


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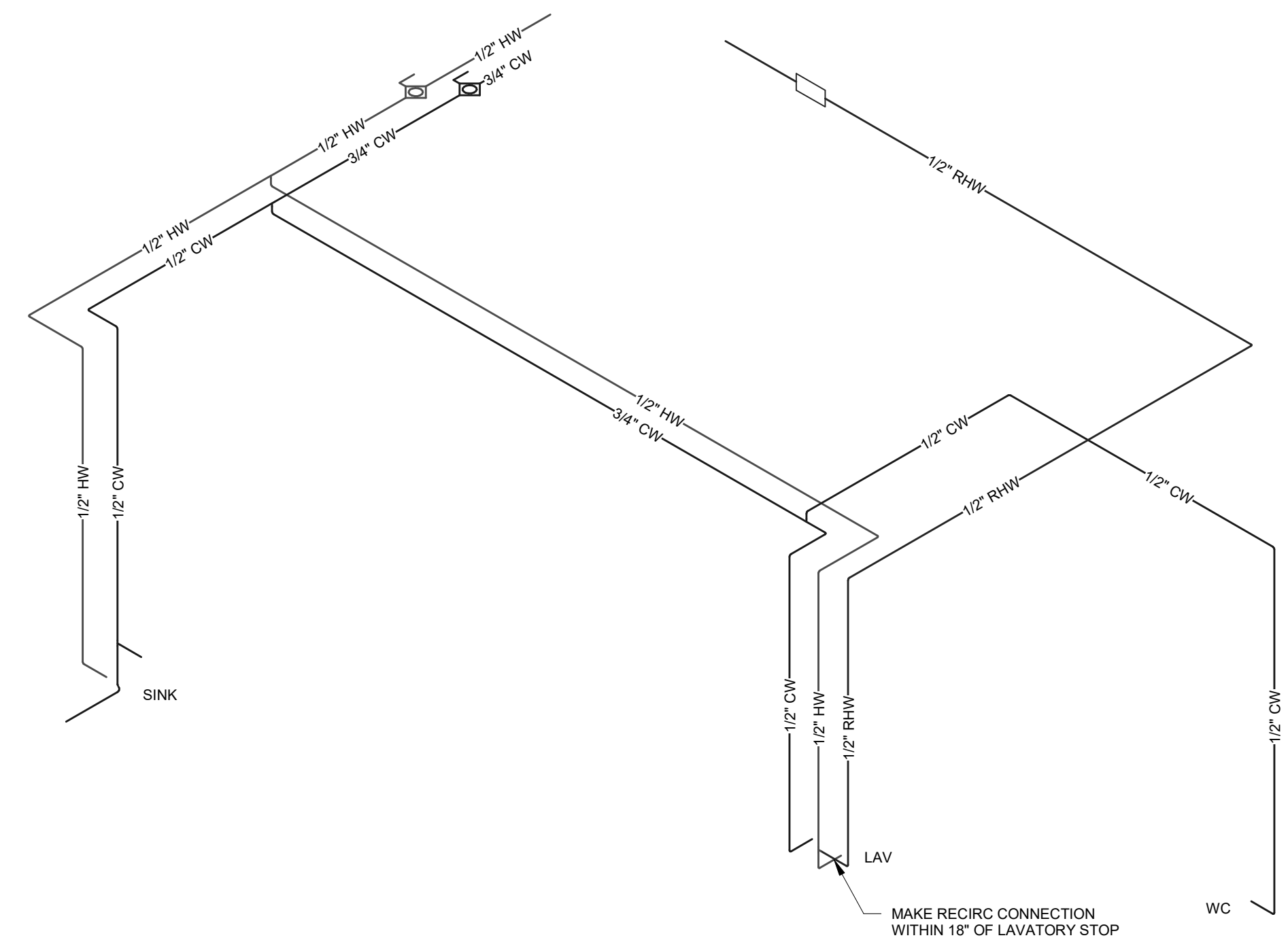


10 R-10
NOT TO SCALE

6 R-6
NOT TO SCALE



5 R-5
NOT TO SCALE



9 R-9
NOT TO SCALE

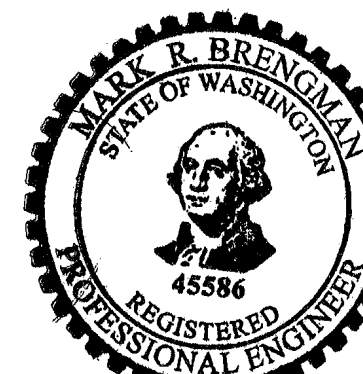
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Mark R. Breneman
Signature

Mark R. Breneman
Typed or Printed Name

Mechanical Discipline 12/02/24 Date

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PLUMBING RISERS

M4.1

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PLUMBING RISERS

M4.2

1 POOL AREA DWV ISOMETRIC
NOT TO SCALE

2 POOL AREA DOMESTIC WATER
ISOMETRIC
NOT TO SCALE



Mark R. Breneman
Signature

Mark R. Breneman
Typed or Printed Name

Mechanical 12/02/24
Discipline Date

WESLEY BRADLEY PARK
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REVISIONS

No.	Description	Date
1	PERMIT RESUBMIT	4/14/25

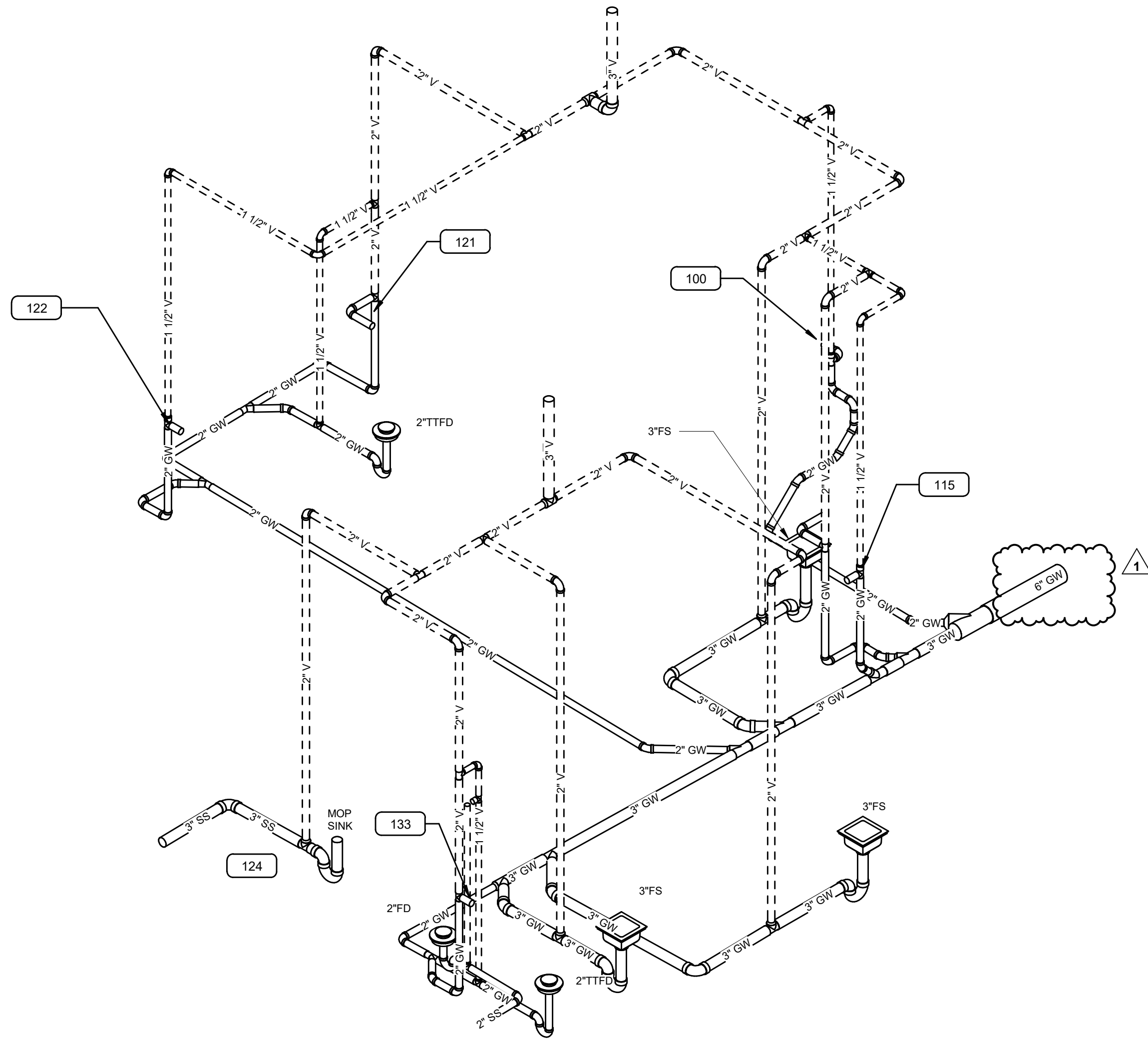
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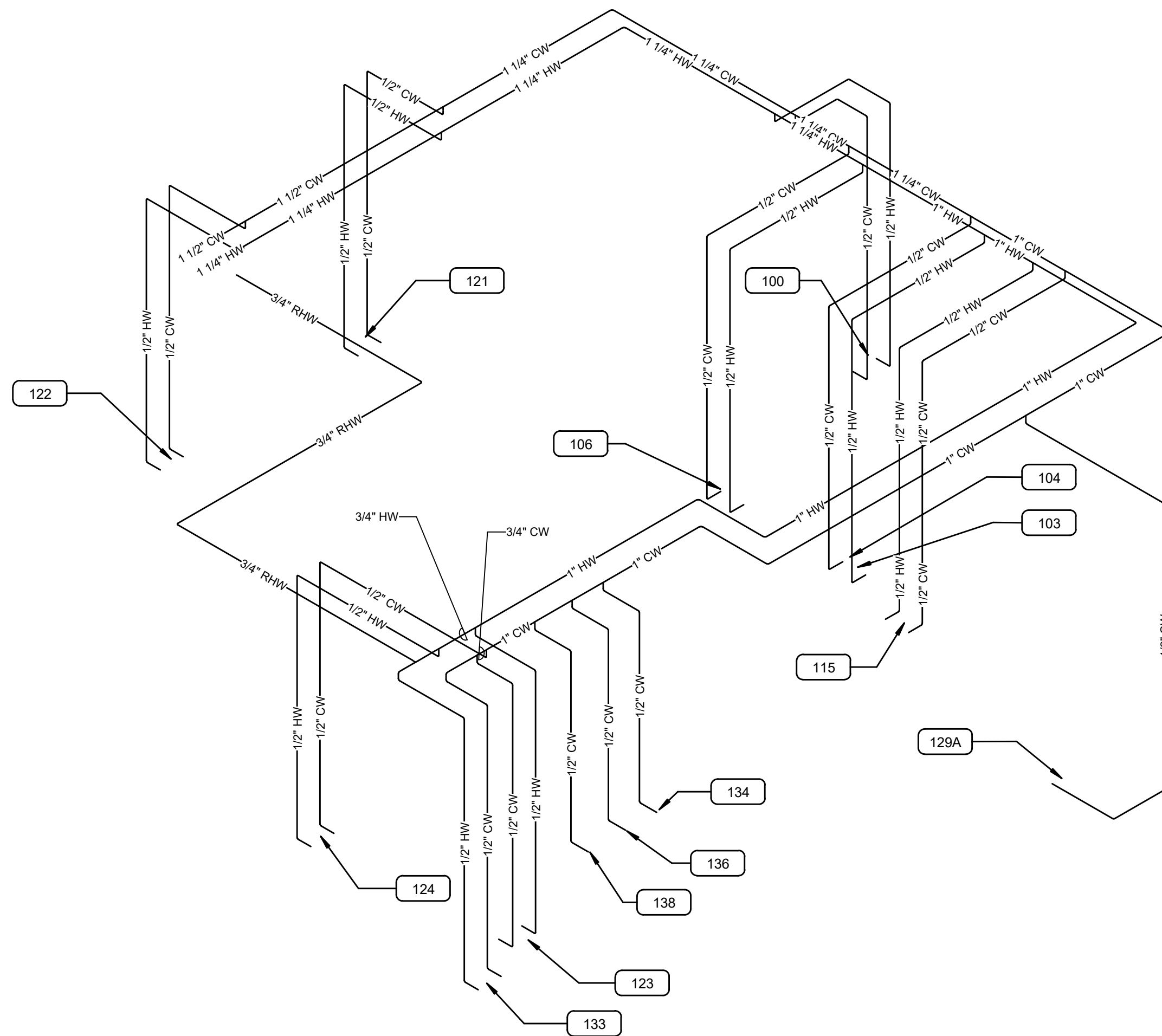
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PLUMBING RISERS

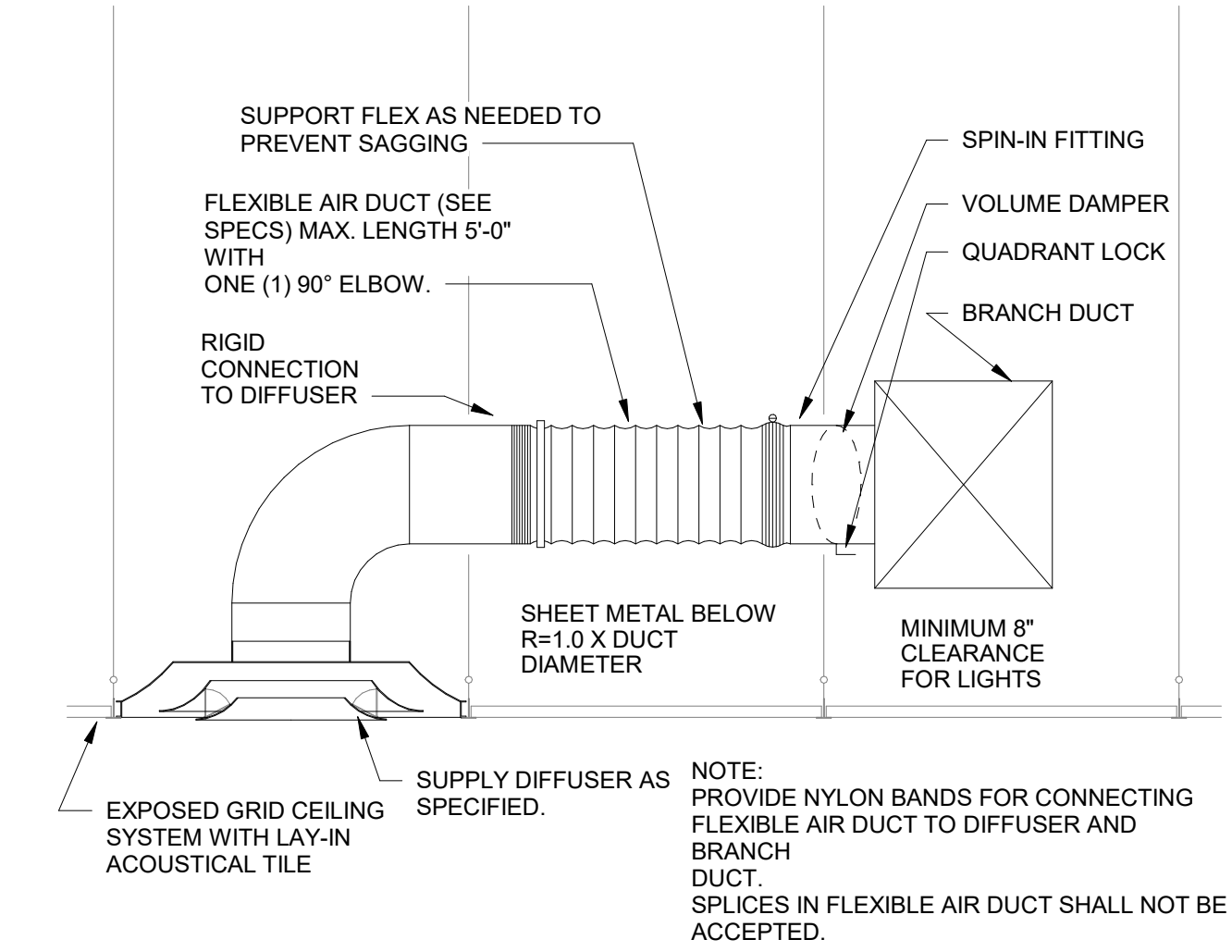
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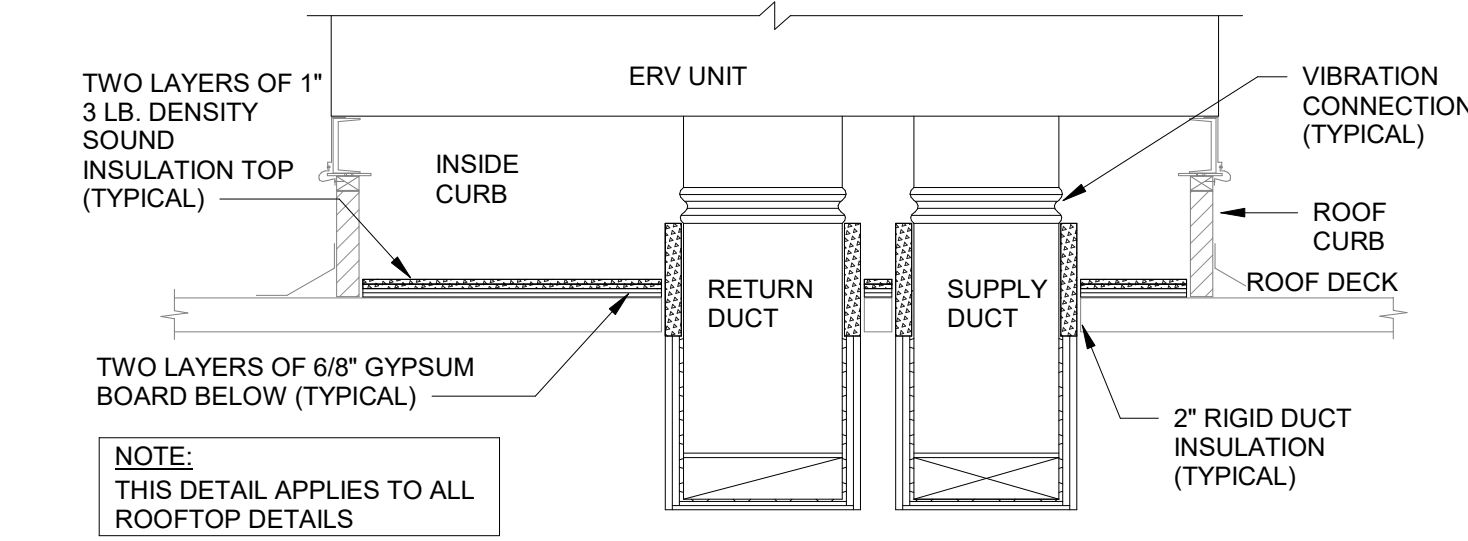
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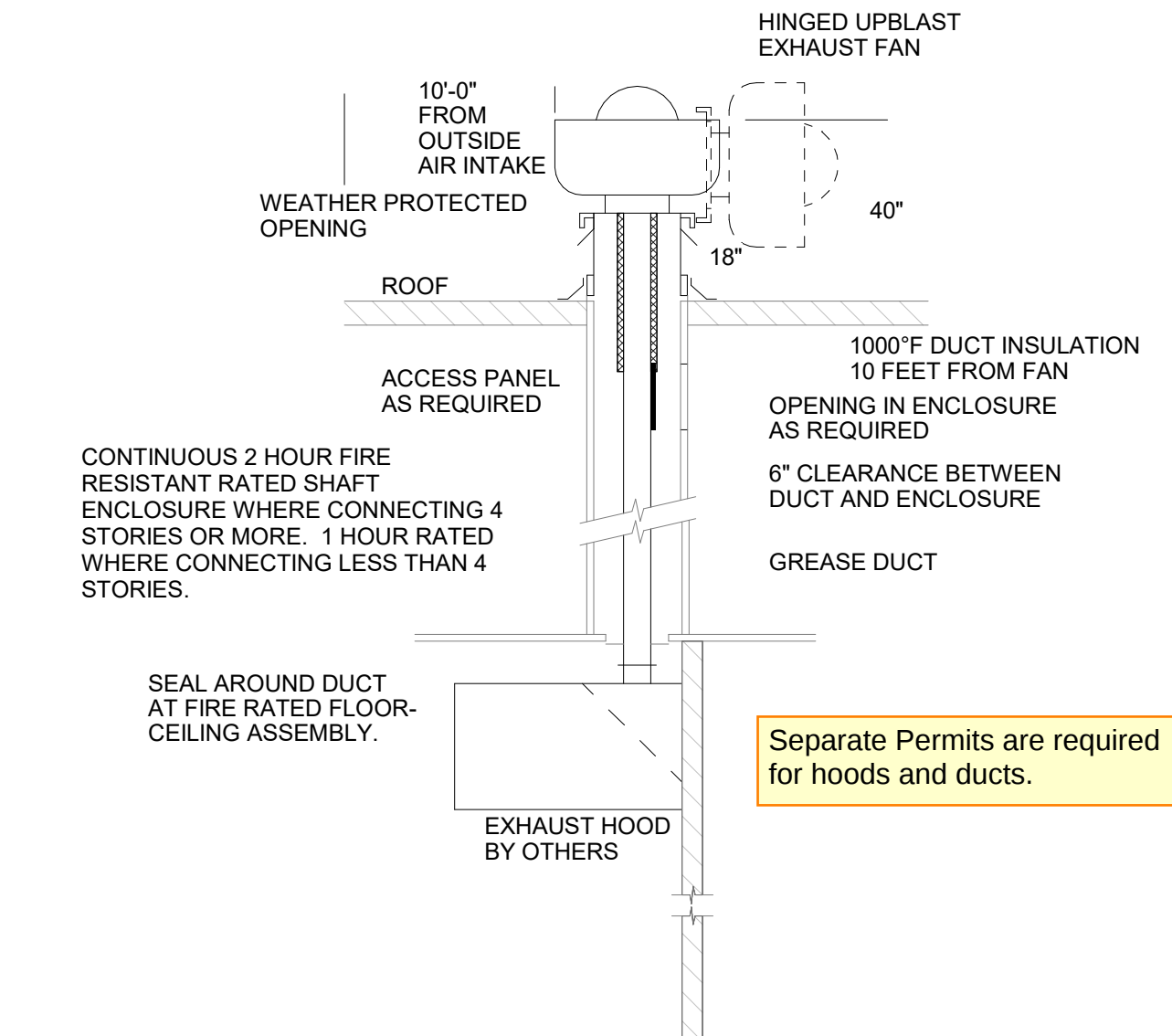
2 KITCHEN DOMESTIC WATER ISOMETRIC
NOT TO SCALE



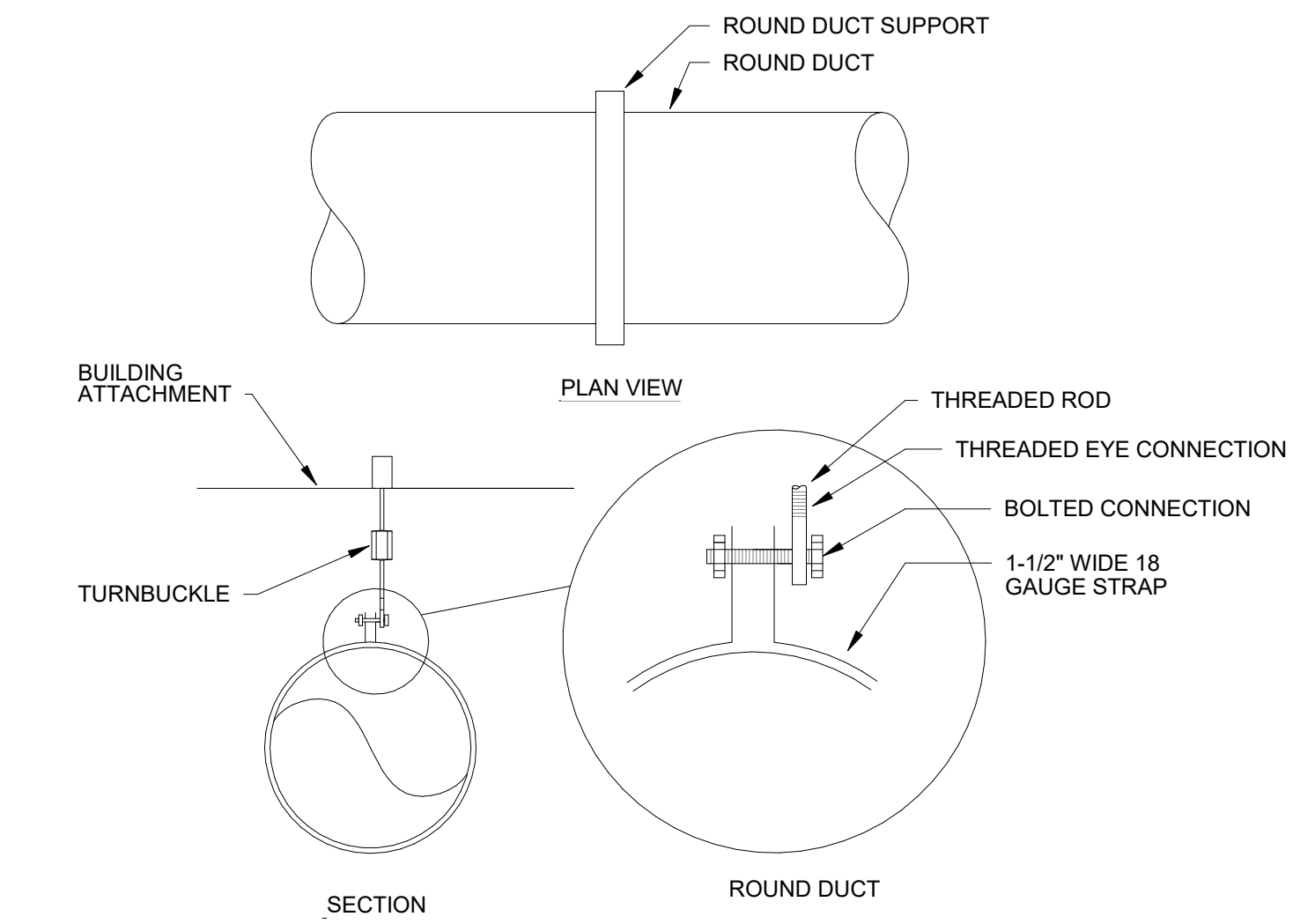
4 LAY-IN DIFFUSER DETAIL
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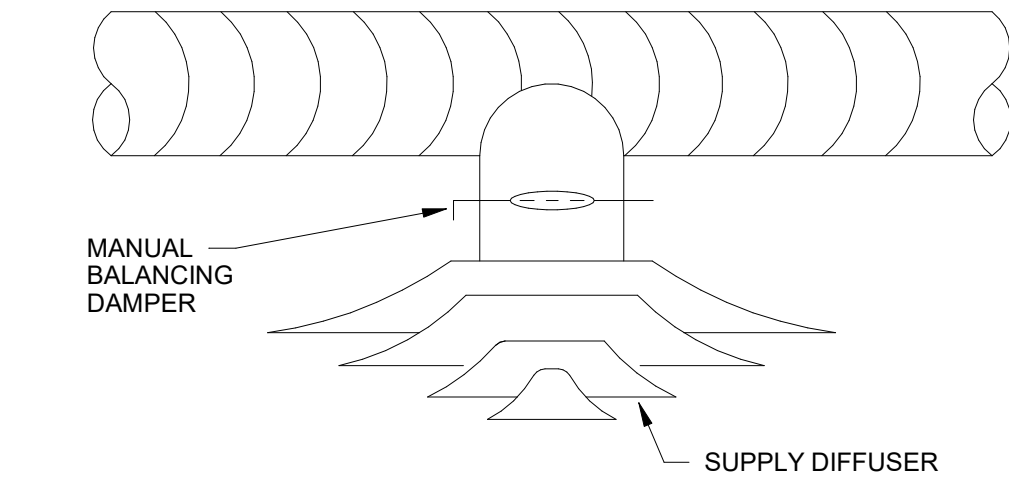
3 ERV CURB DETAIL
NOT TO SCALE



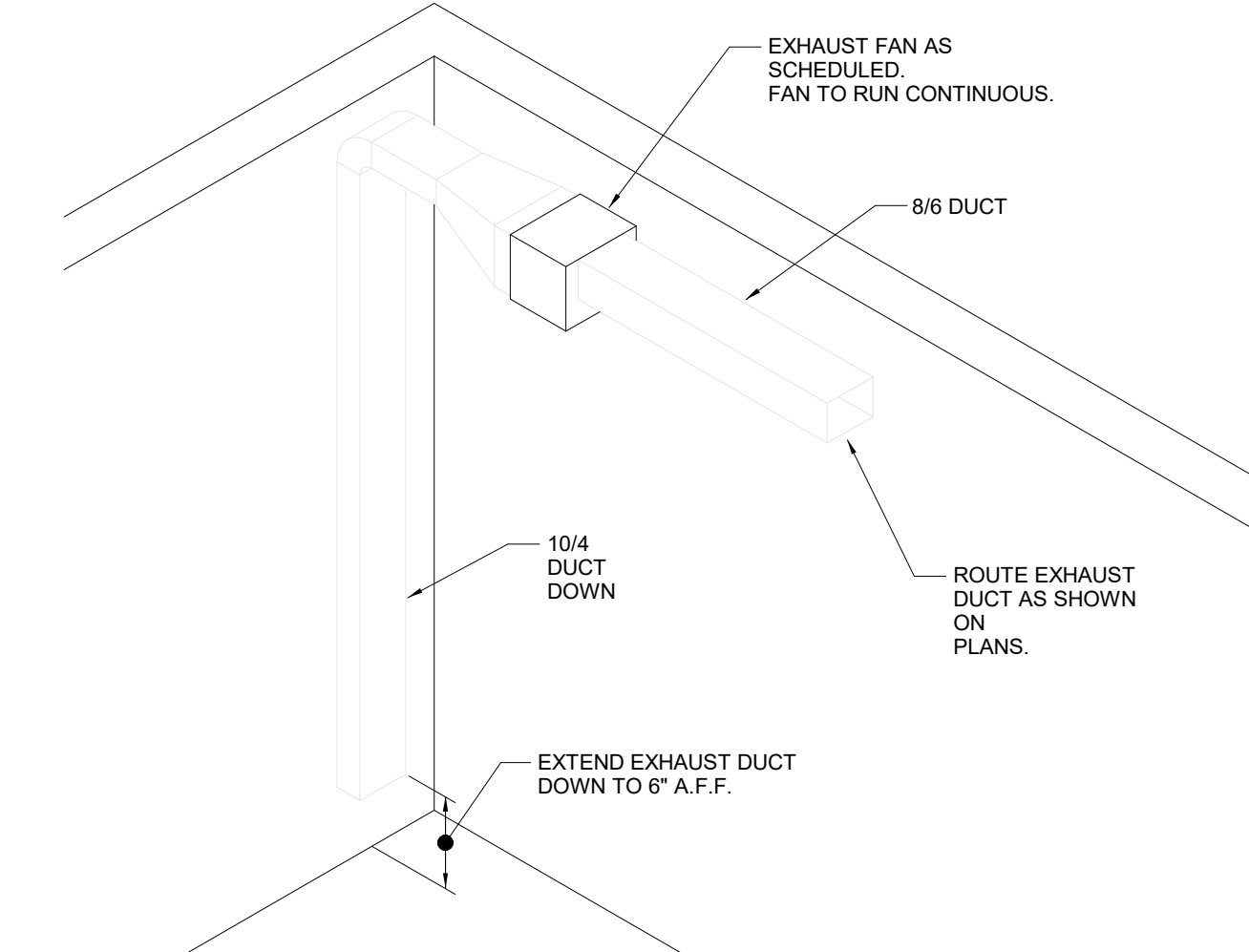
2 GREASE EXHAUST HOOD DETAIL
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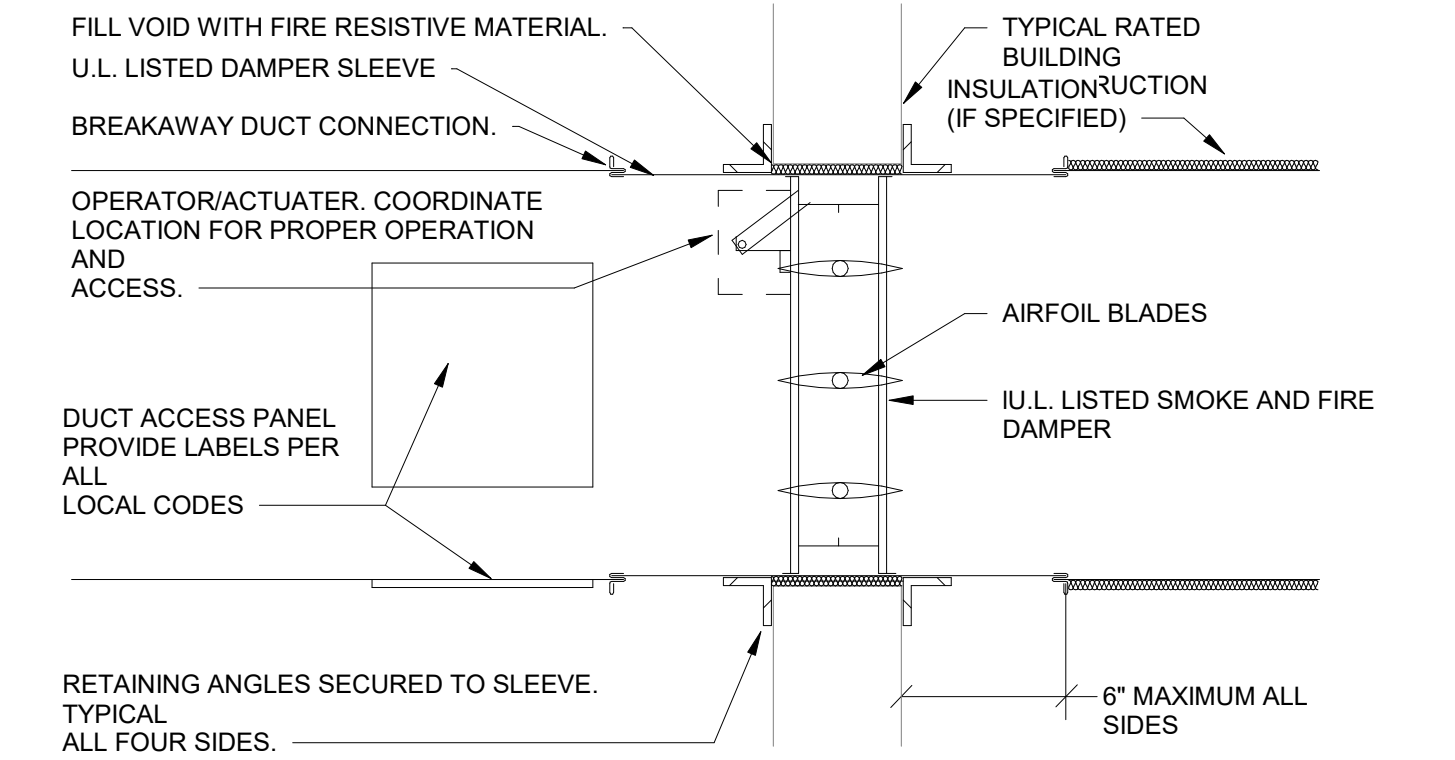
1 ROUND DUCT SUPPORT DETAIL
NOT TO SCALE



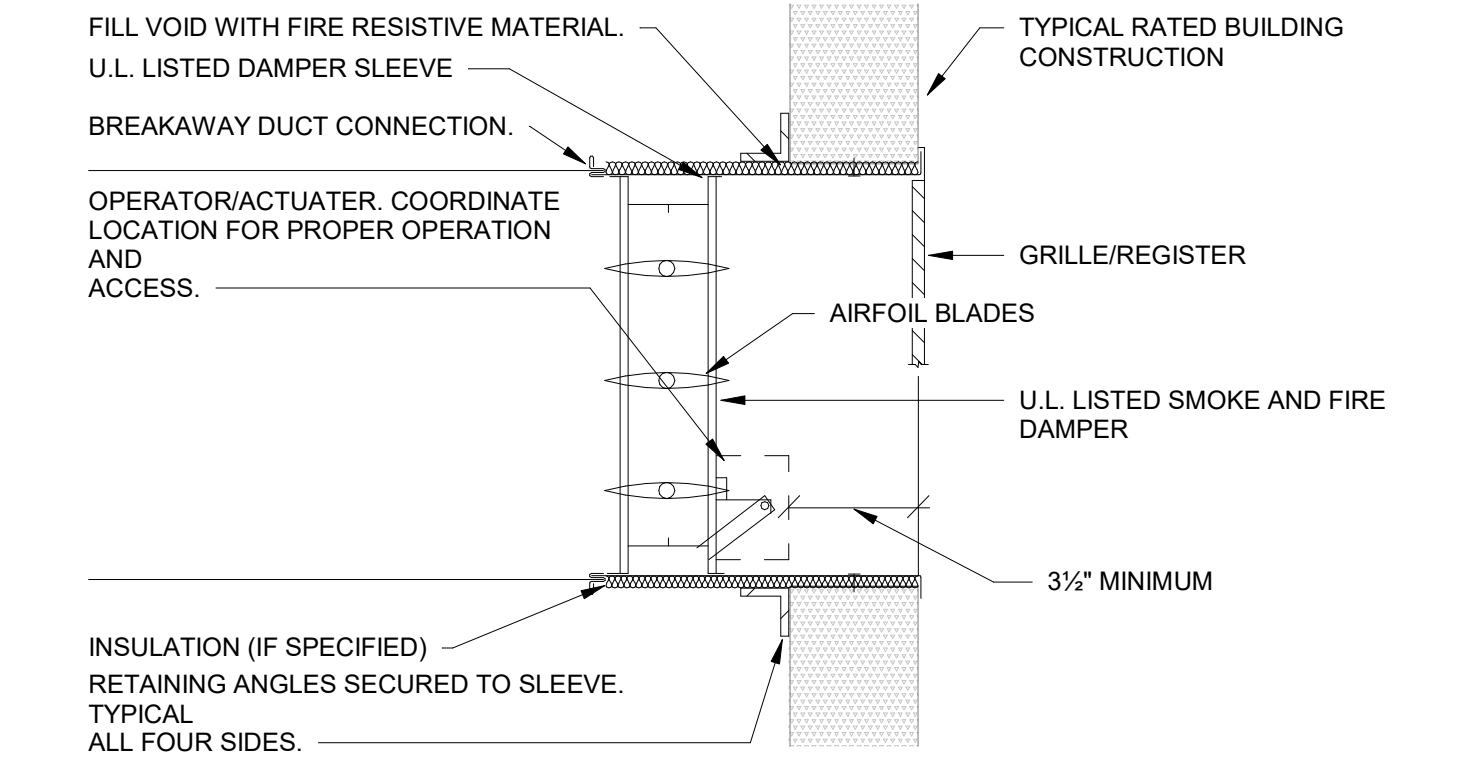
8 CONE DIFFUSER DETAIL
NOT TO SCALE



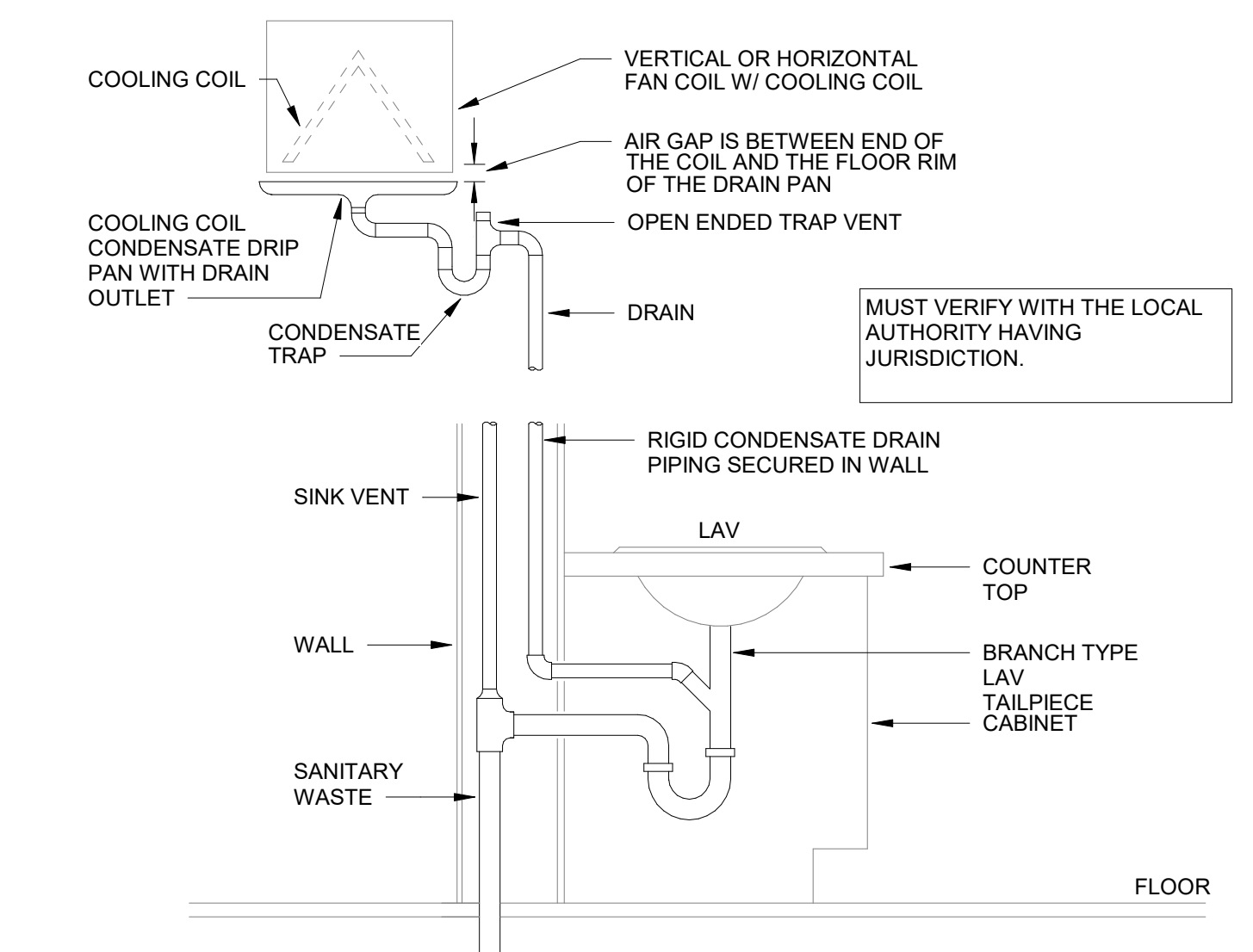
7 CHEMICAL STORAGE ROOM EXHAUST
FAN DETAIL
NOT TO SCALE



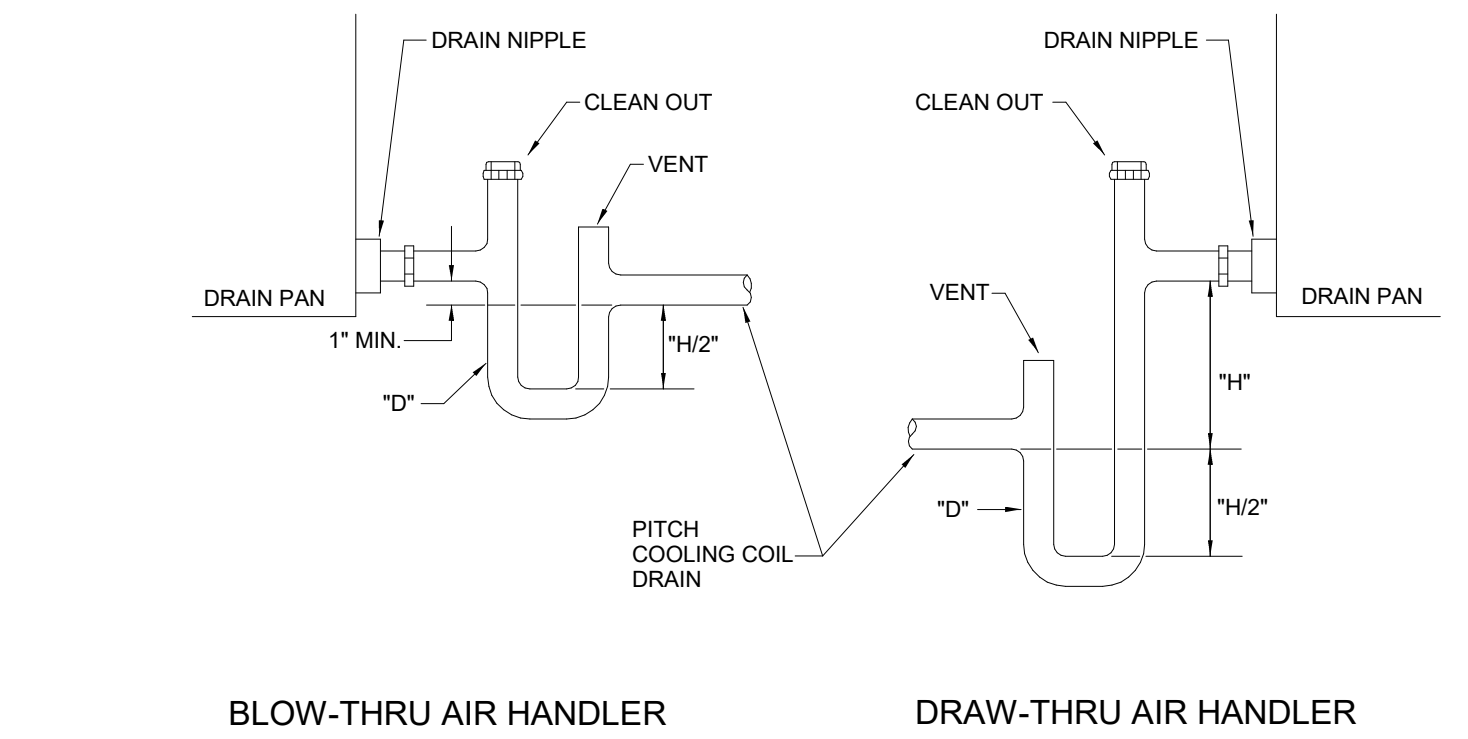
6 INLINE SMOKE/FIRE DAMPER DETAIL
NOT TO SCALE



5 GRILLE SMOKE/FIRE DAMPER DETAIL
NOT TO SCALE



10 CONDENSATE WASTE DETAIL
NOT TO SCALE



9 AHU DRAIN TRAP DETAIL
NOT TO SCALE

UNIT TOTAL PRESSURE (in. W.G.)	H	H2	D2
2	3"	1 1/2"	3/4"
3	4"	2"	3/4"
4	5"	2 1/2"	1 1/4"
6	7"	3 1/2"	1 3/4"

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MECHANICAL DETAILS
M5.0

WESLEY BRADLEY PARK
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ISA202201

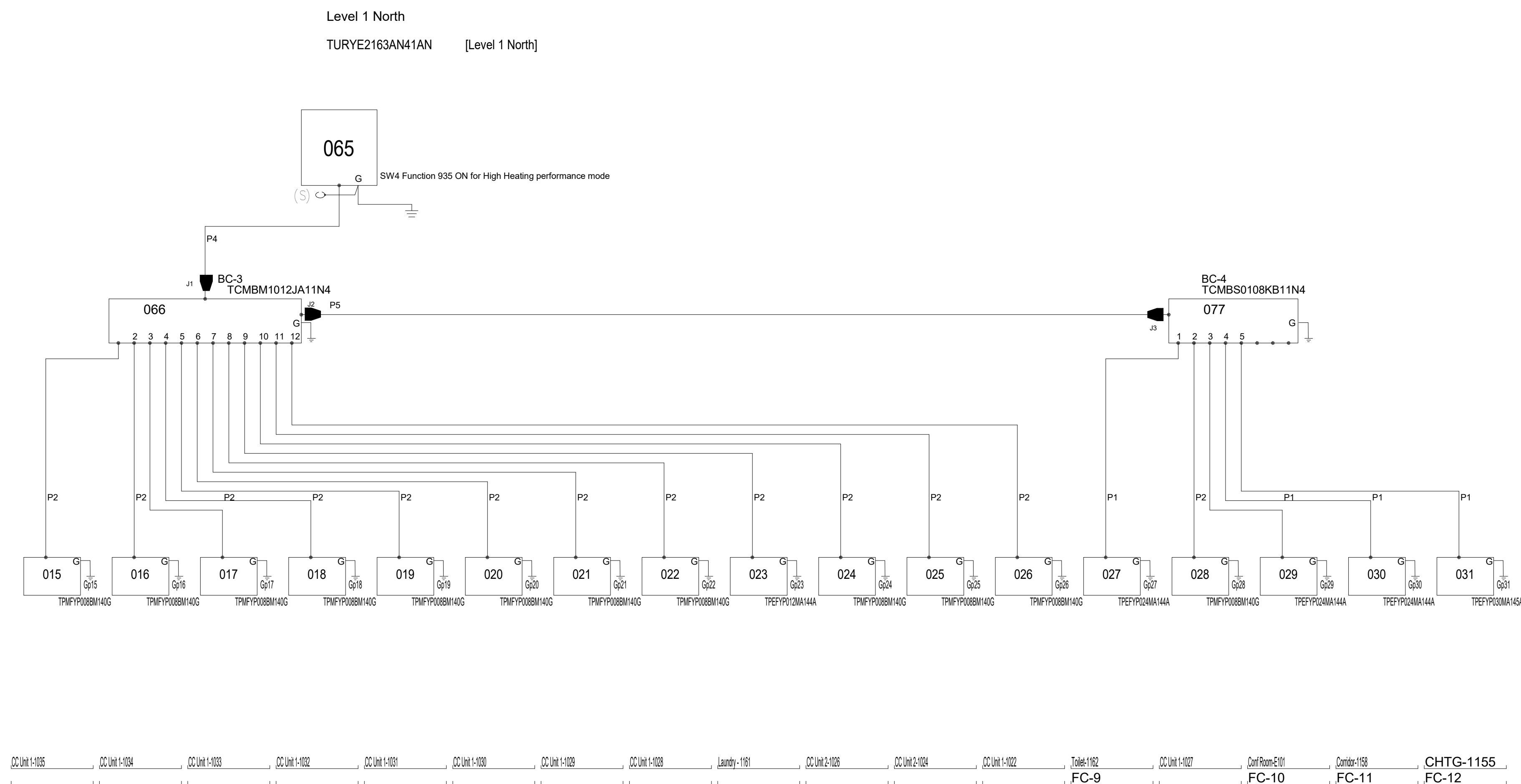
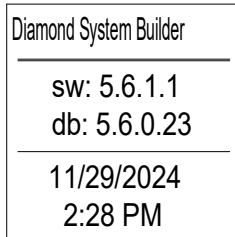
PROJECT NUMBER

DCA
DRAWN BY

WESLEY BRADLEY PARK
PHASE 2 - CARE CENTER

MECHANICAL DETAILS

M5.1





Signature
Mark R. Breneman

Typed or Printed Name

Mechanical Discipline 12/02/24 Date

WESLEY BRADLEY PARK
PHASE 2 - CARE CENTER
707 39TH AVENUE SE
PUYALLUP, WA 98374

CARE CENTER
PERMIT SET
December 2, 2024

REVISIONS

No. Description Date

ISA202201

PROJECT NUMBER

DCA MRB

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WESLEY BRADLEY PARK
PHASE 2 - CARE CENTER

MECHANICAL DETAILS

M5.2

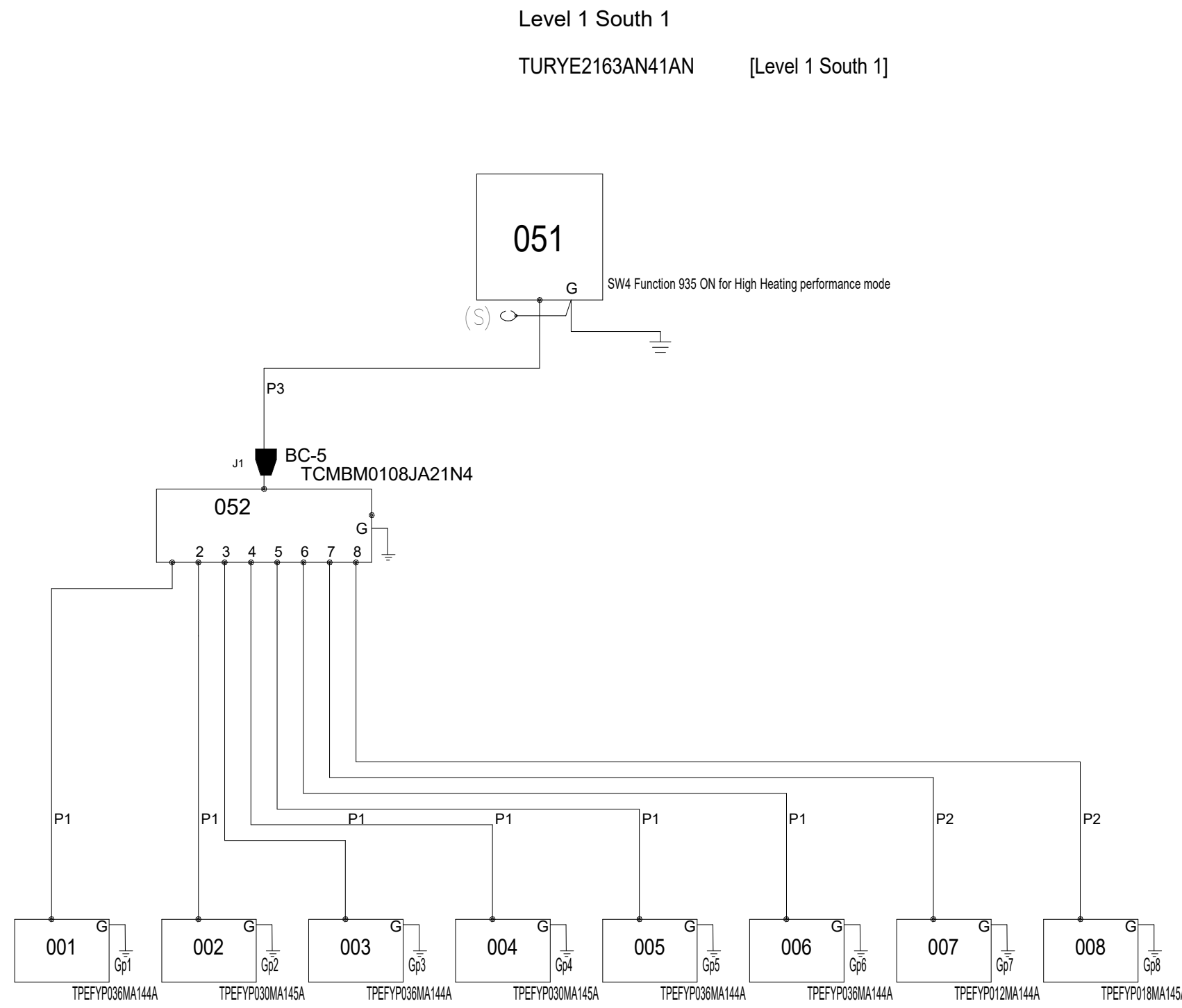
Bradley Park		
DIAGRAM SYMBOL LEGEND	CONTING	PAGE
DISPLAY		
---	POWER WIRE	
---	CONTROL WIRE	
-----	REF. PIPE	

CITY MULTI
SYSTEM SCHEMATIC DWG.

This drawing is schematic in nature. Final routing of piping & wiring

shall be determined by the installing contractor and/or designer of record
Additional refrigerant charge is needed depending on the size and length of extended piping.
Please refer the amount of pre-charge and the formula of calculation which is mentioned on the data book.
1.25mm(1/8 AWG) : 1.25mm(1/8 AWG) or
0.75mm(20 AWG) : between 0.5mm(24 AWG) and 0.75mm(20 AWG).

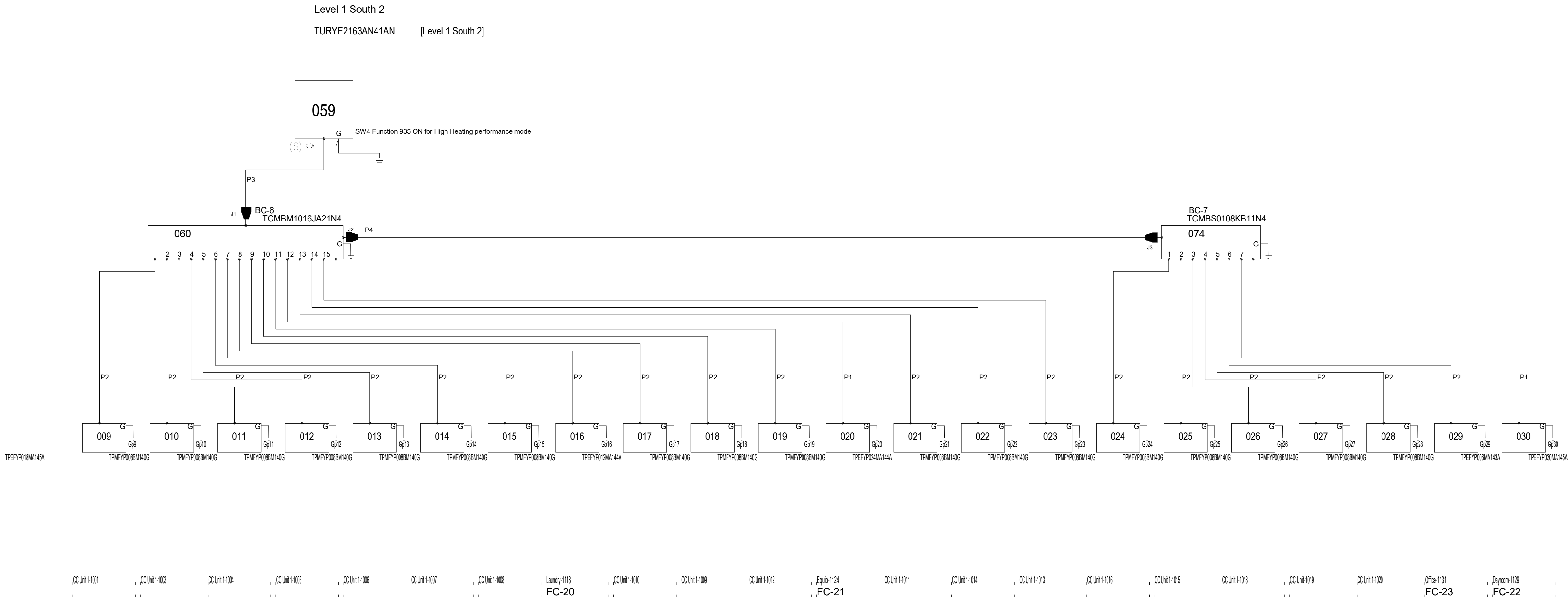
PIPING AND CONTROLS
SYMBOL BRANCH PIPE MODEL NAME
J1 CMV-R302S-G1
J2 CMV-R302S-G1
J3 CMV-R302S-G
SYMBOL LIQUID PIPE GAS PIPE SIZE
P1 3/8 / 1/2
P2 1/4 / 1/2
P3 7/8 / 3/8
P4 3/8 / 3/4 / 7/8
SYMBOL MODEL NUMBER
MA TAB-201AAU



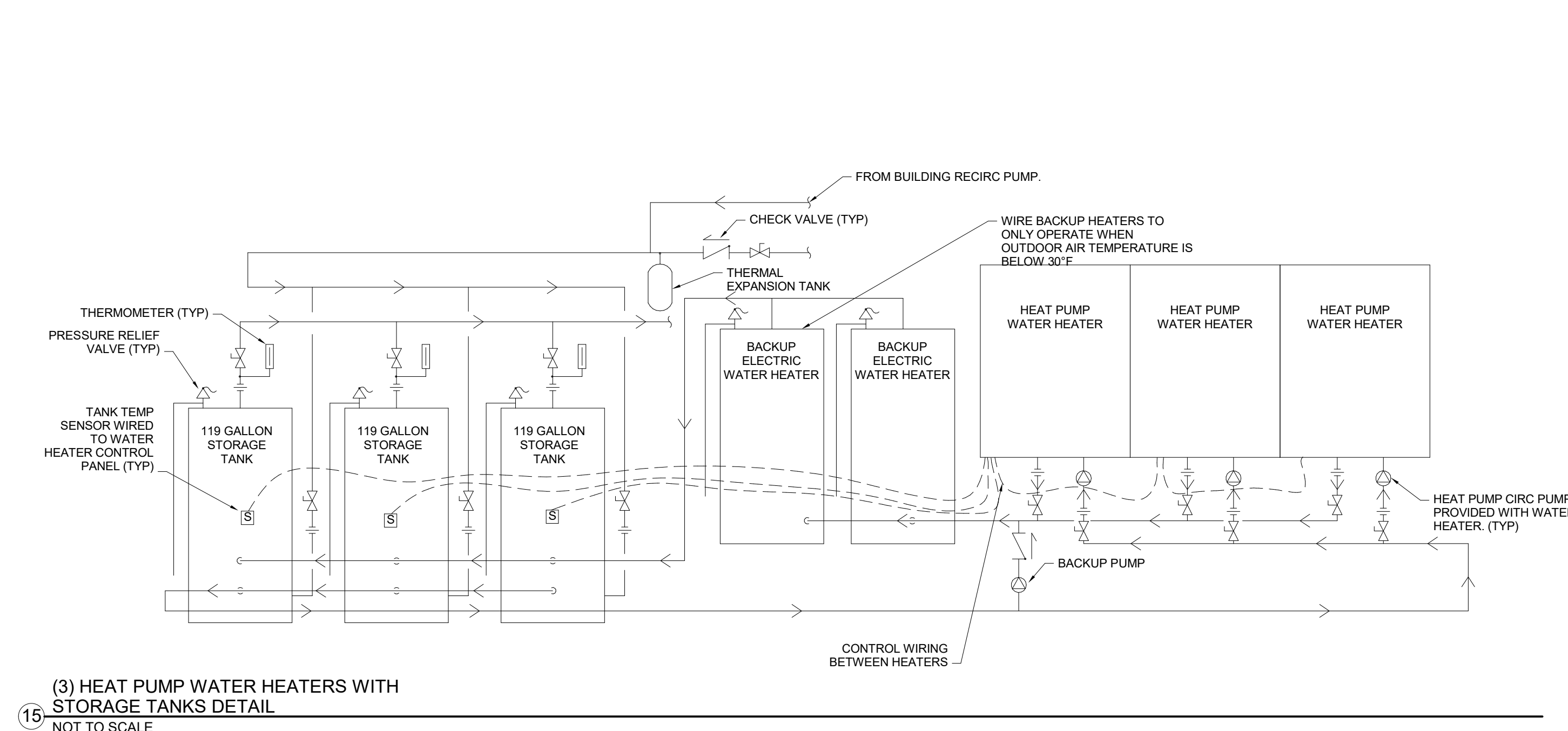
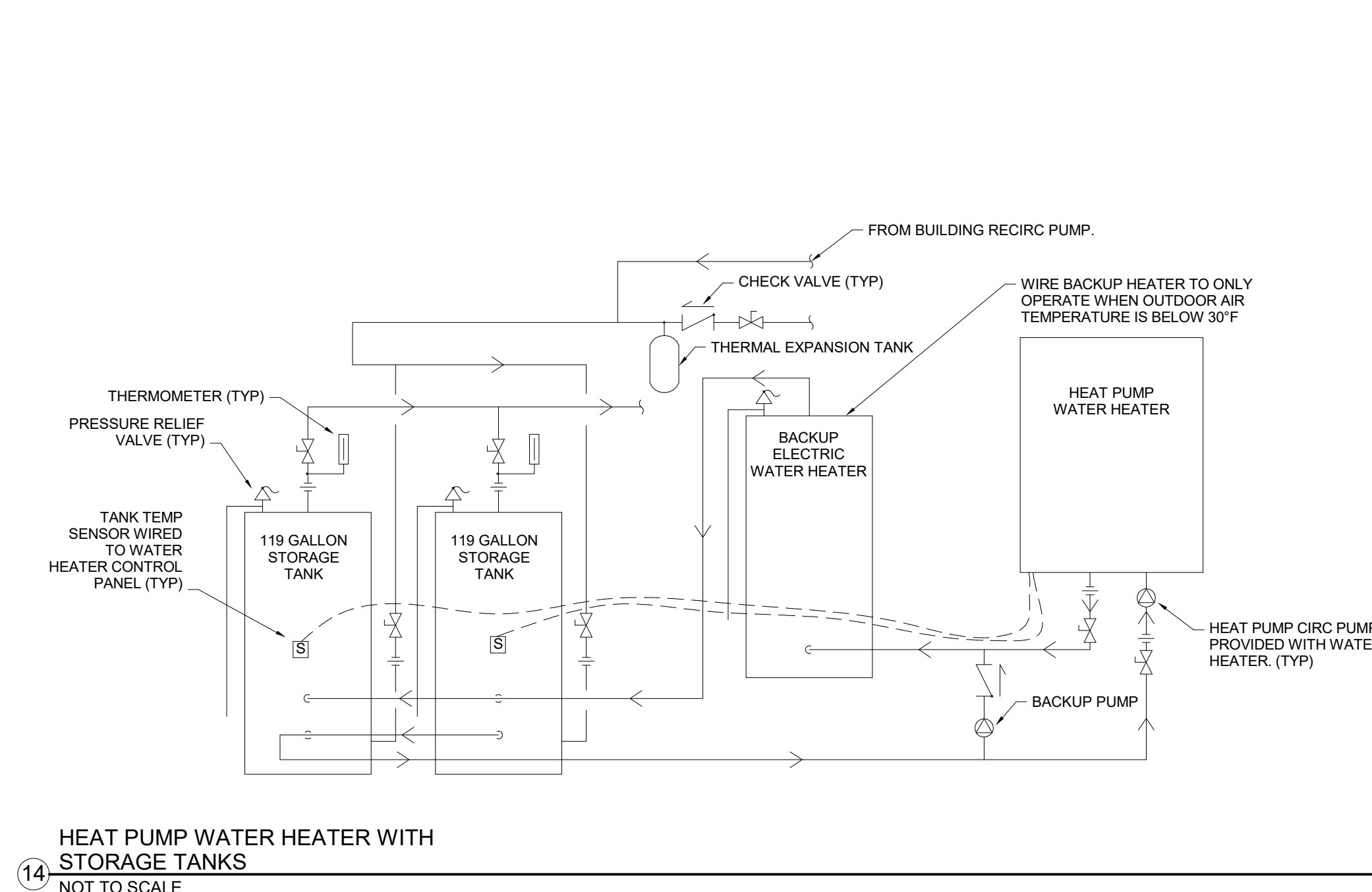
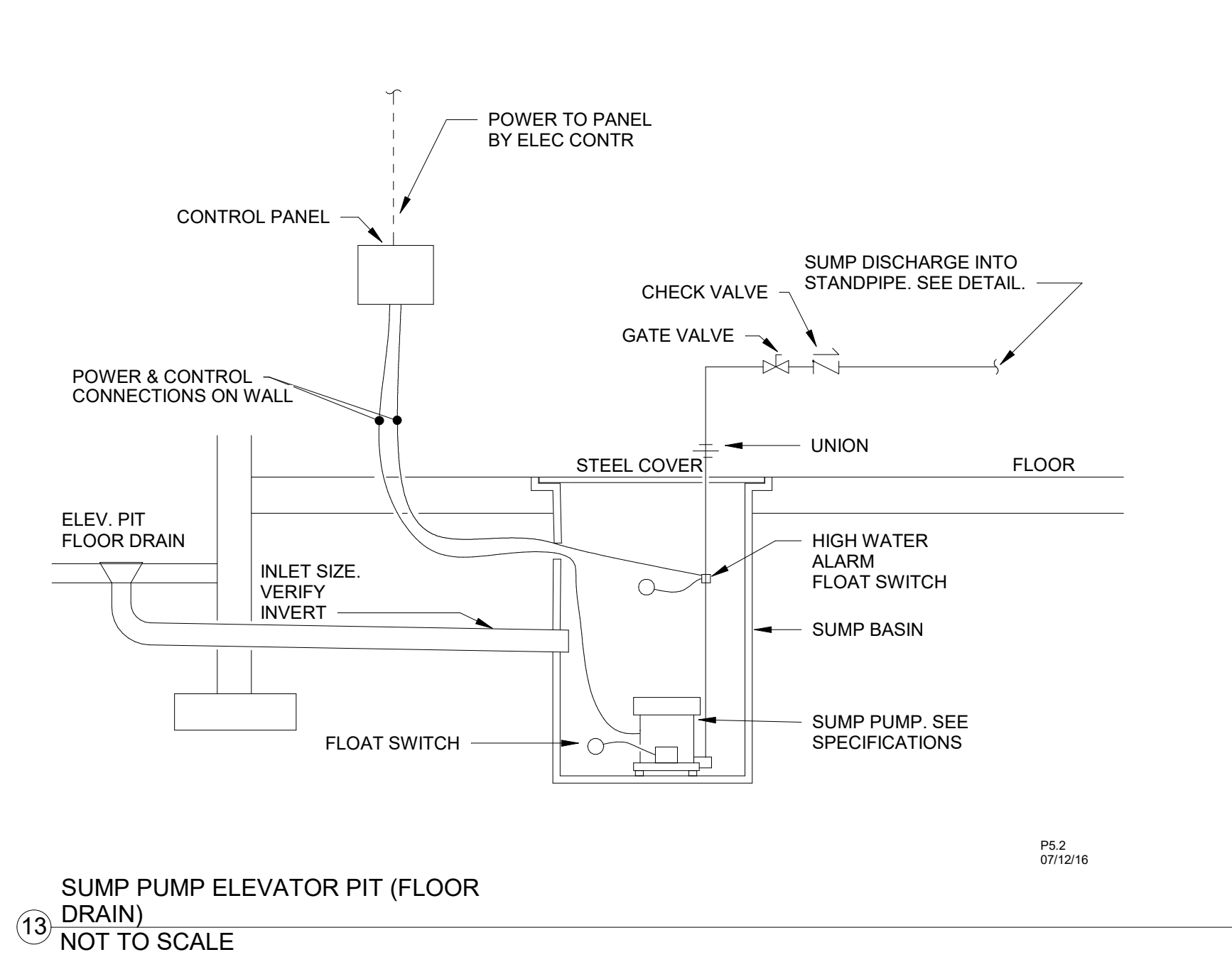
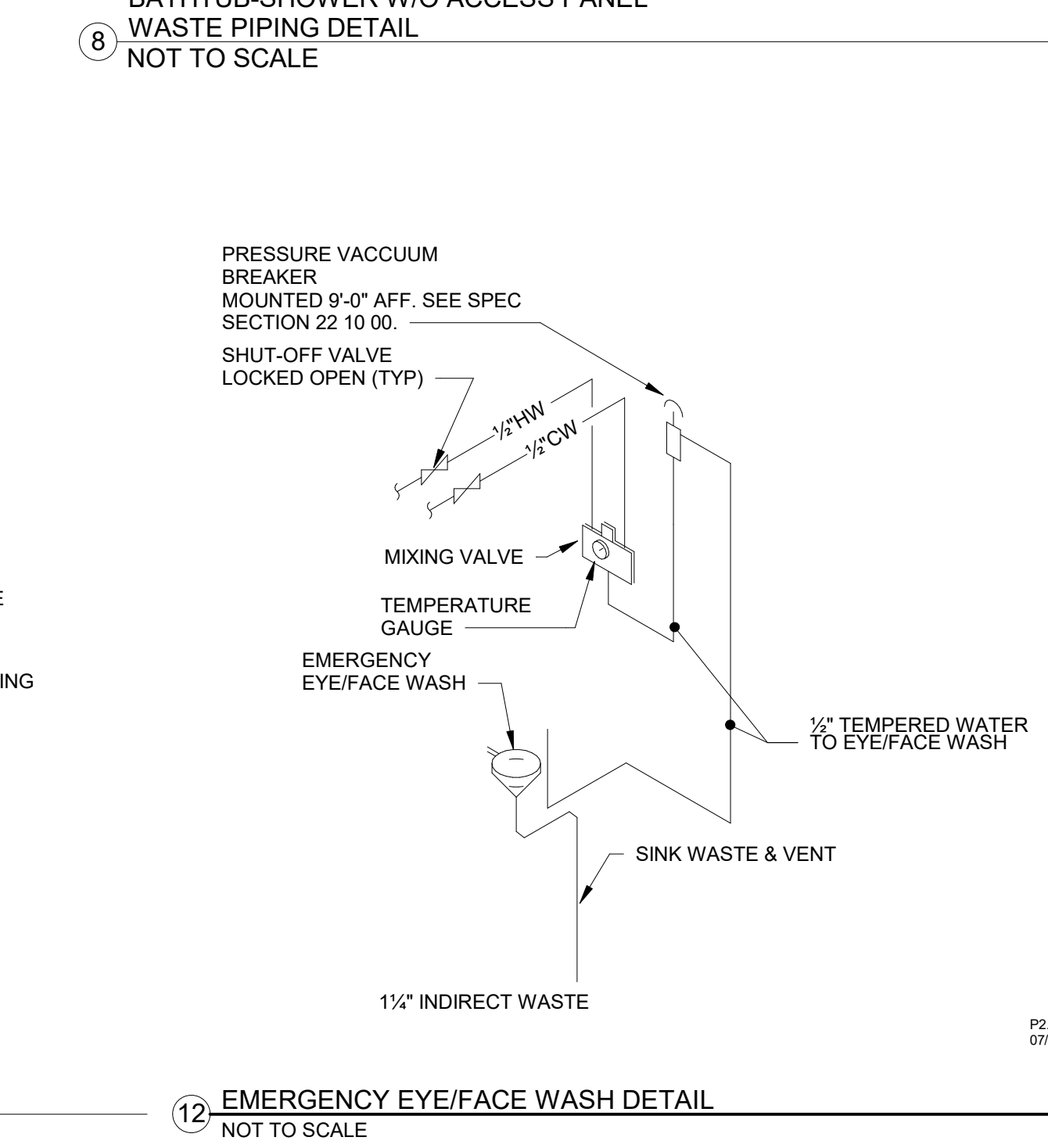
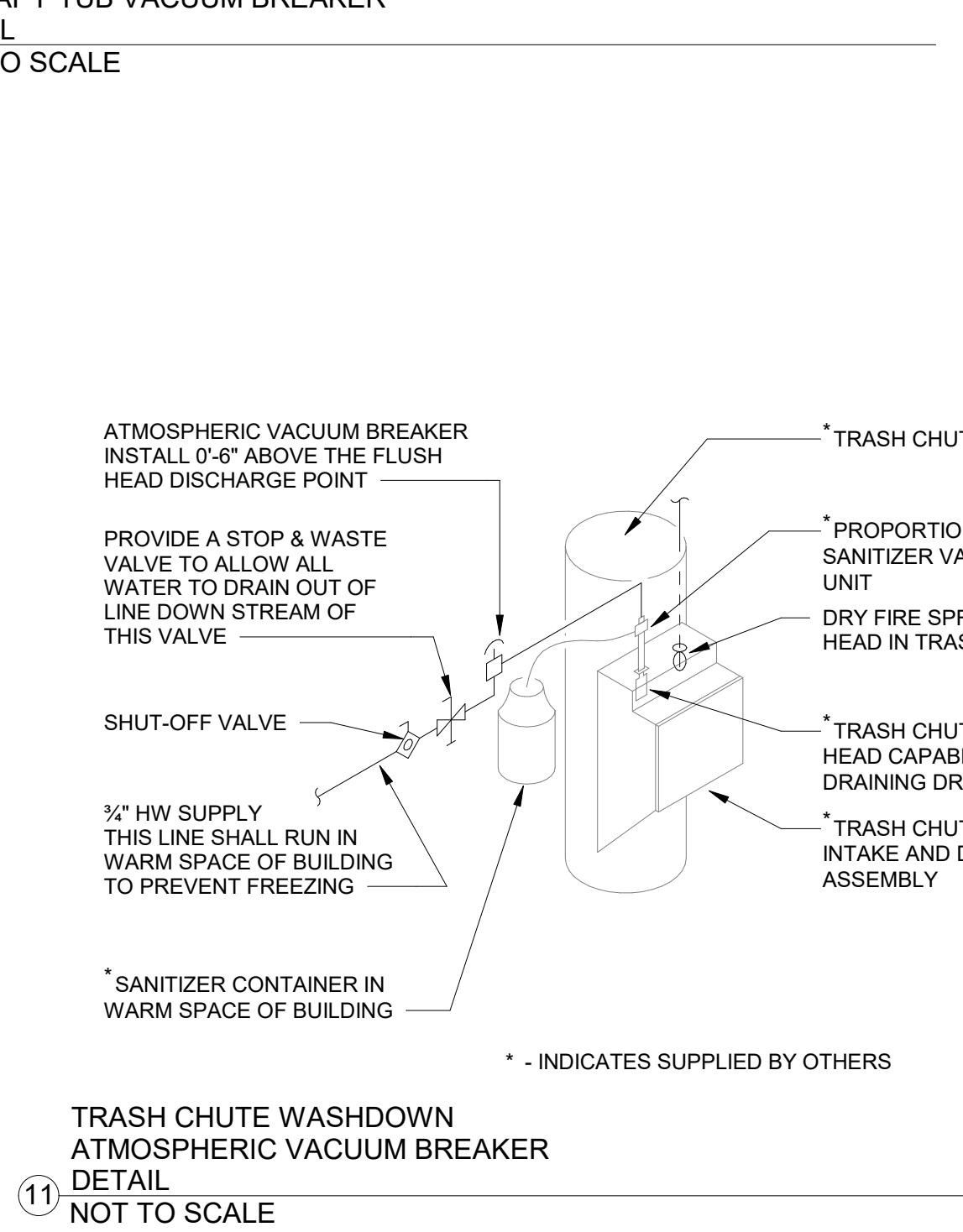
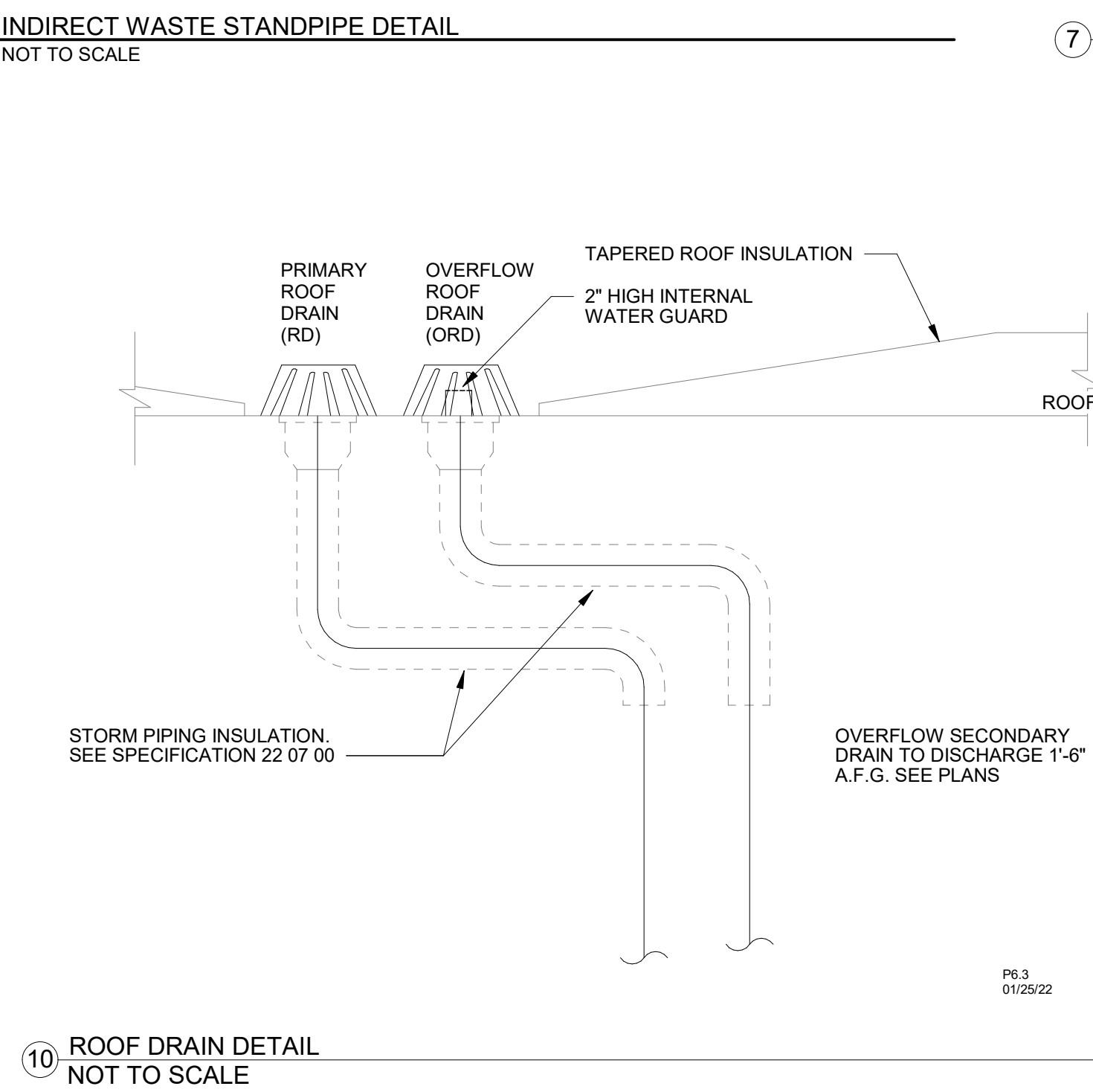
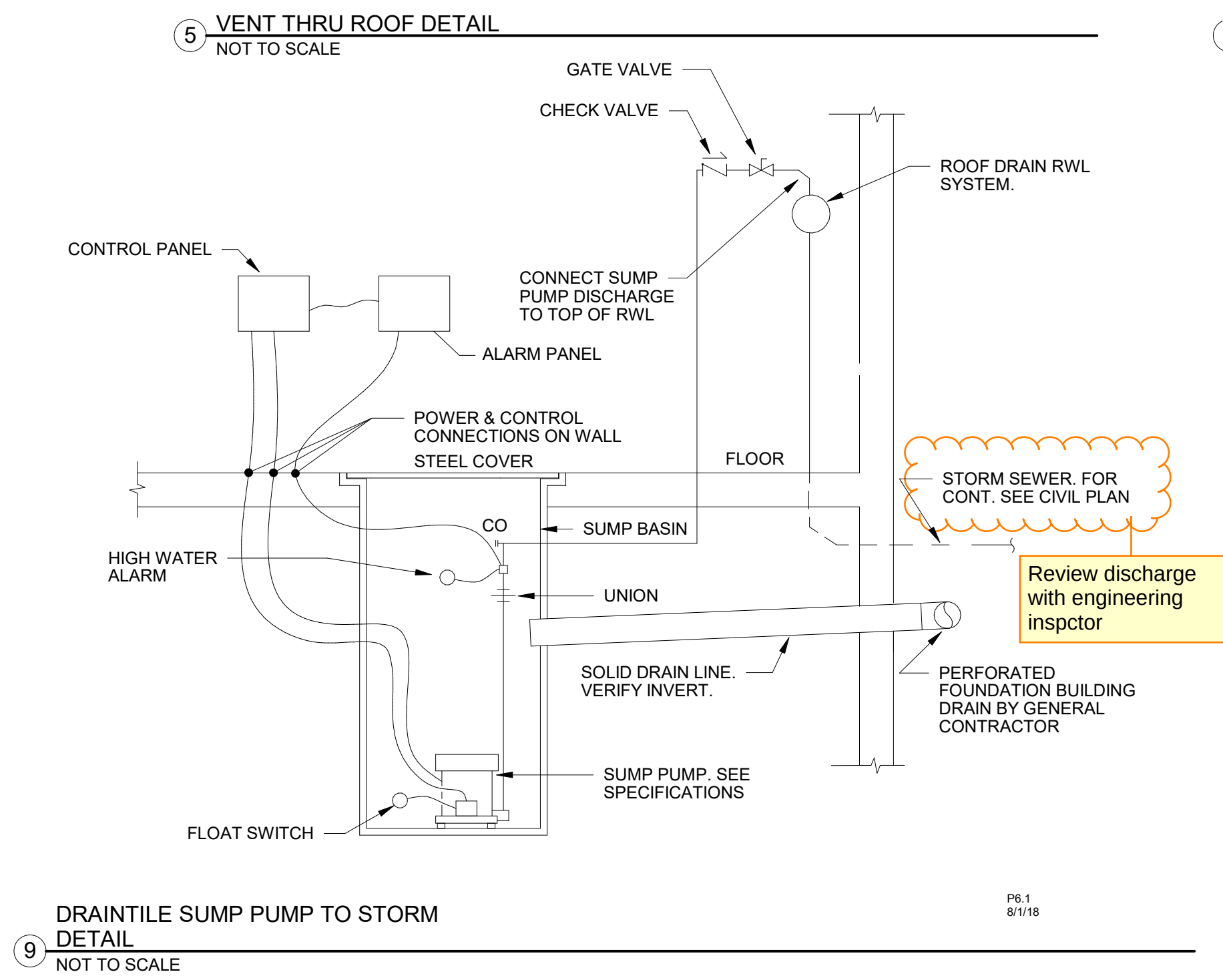
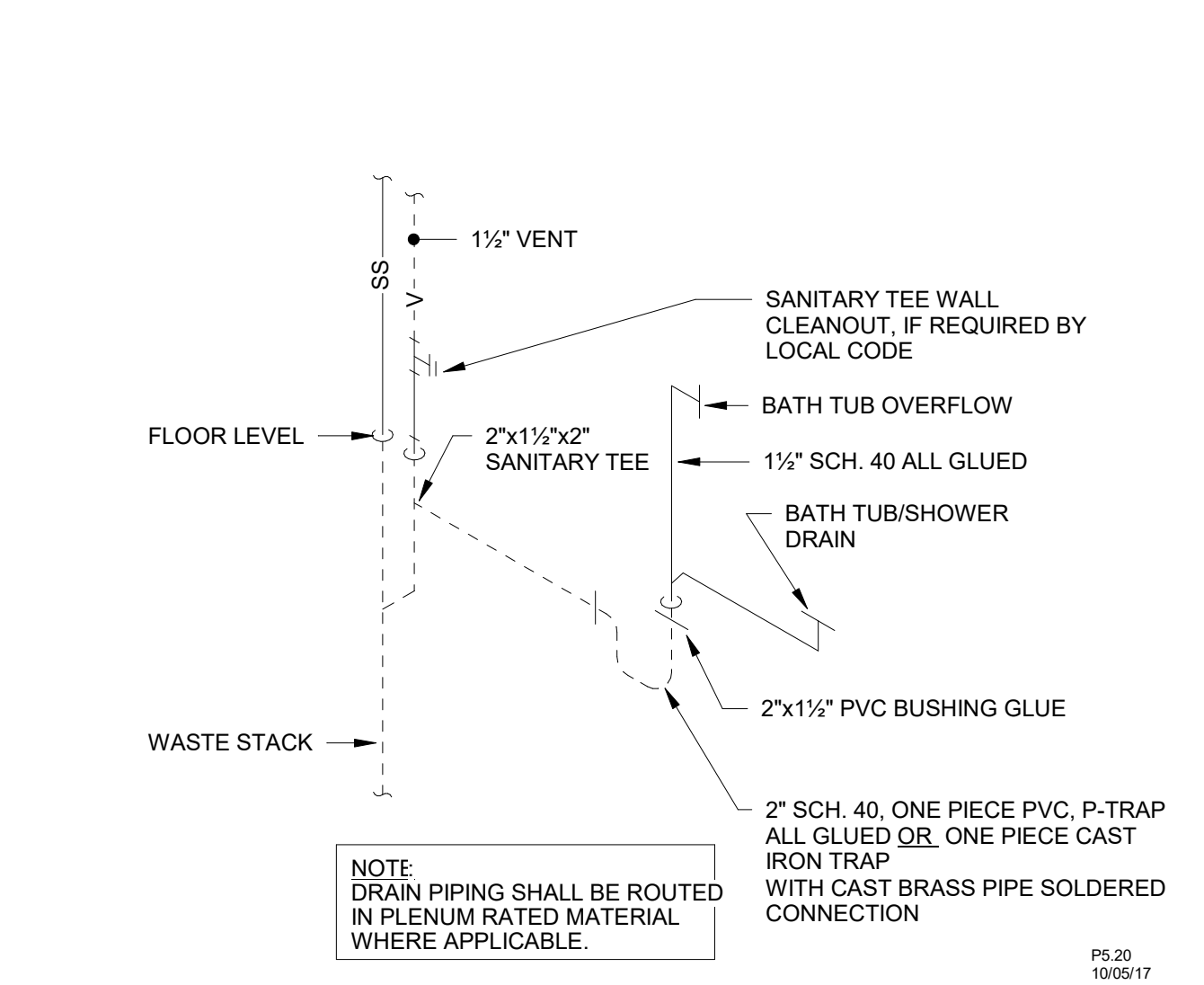
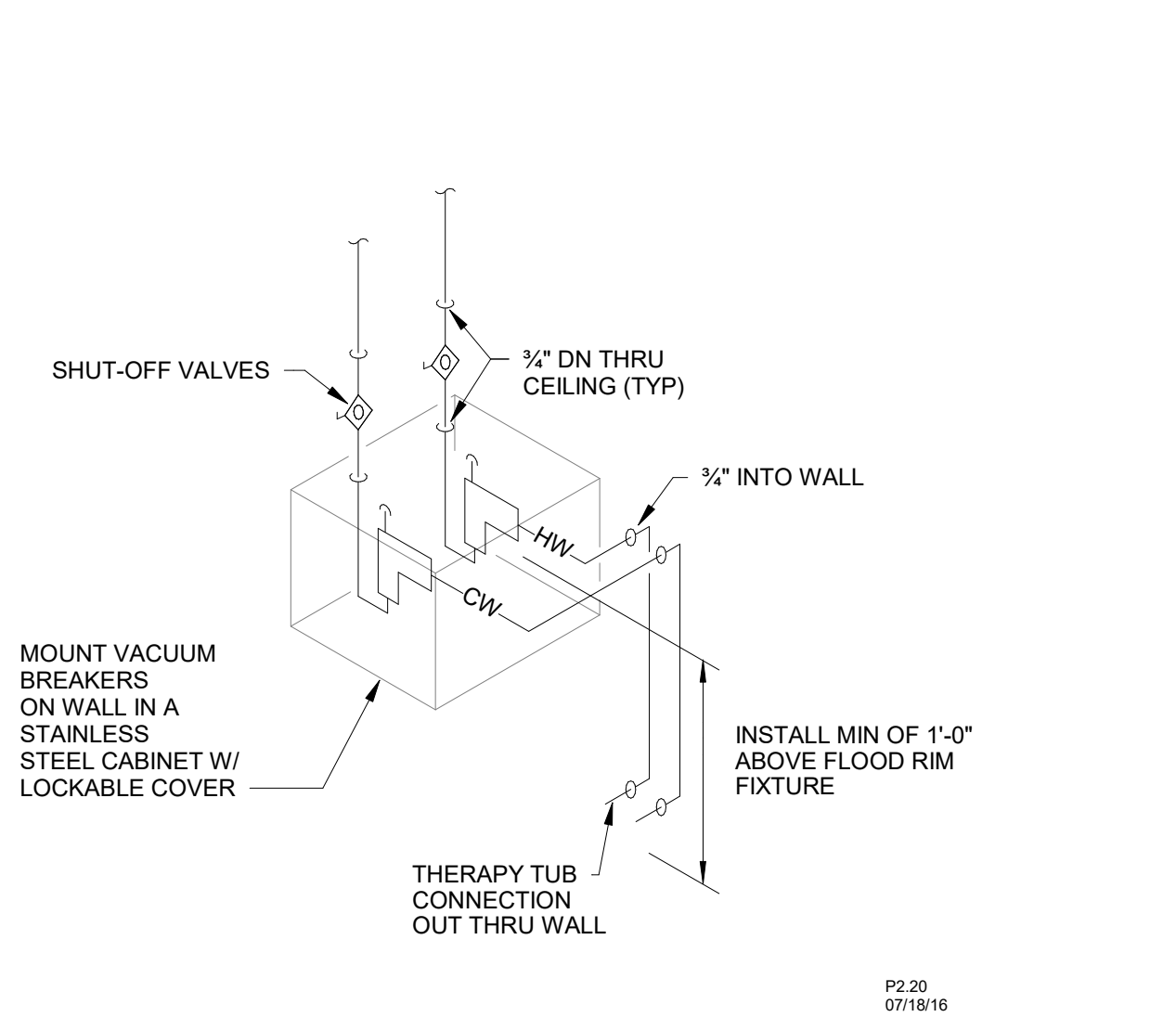
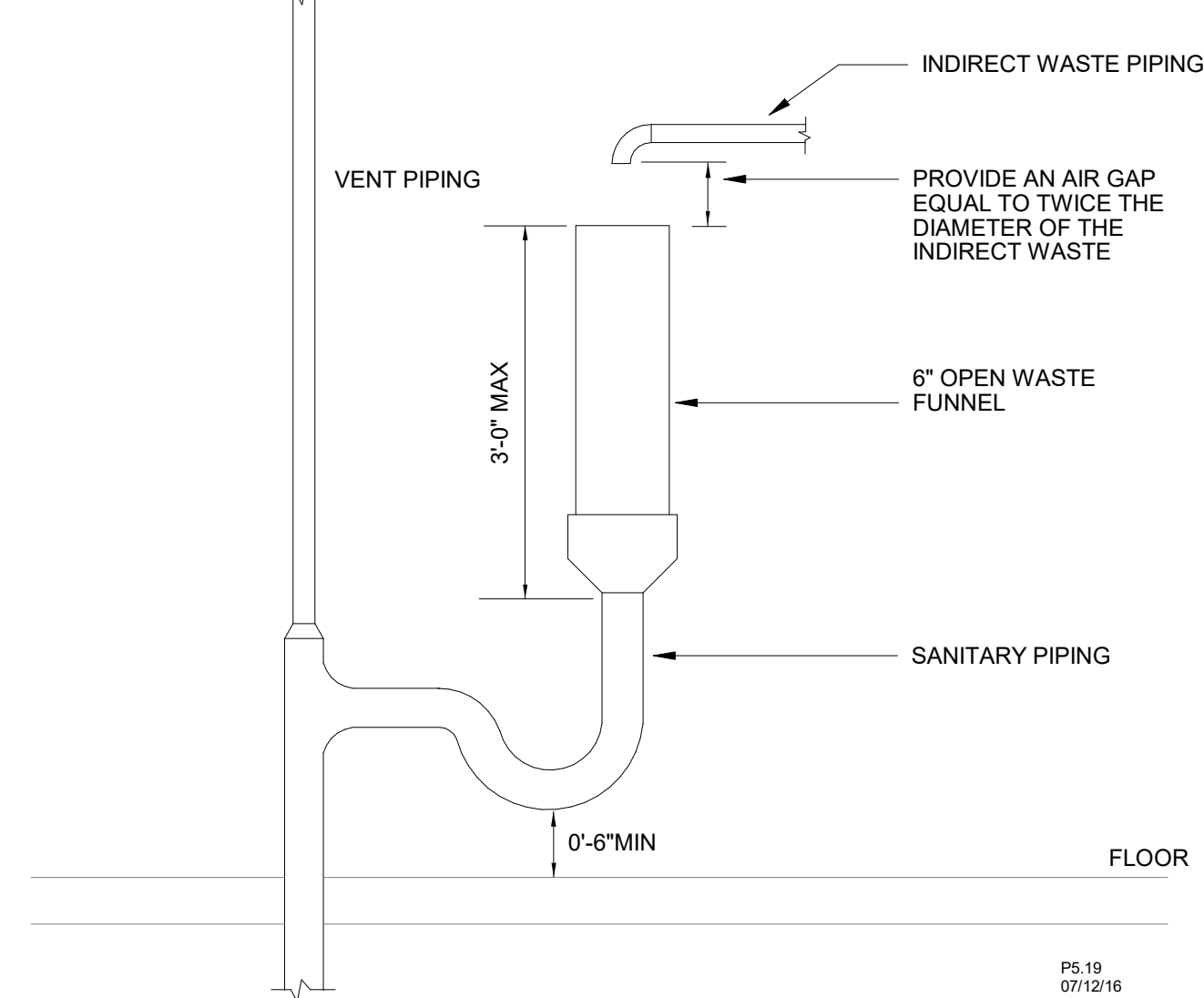
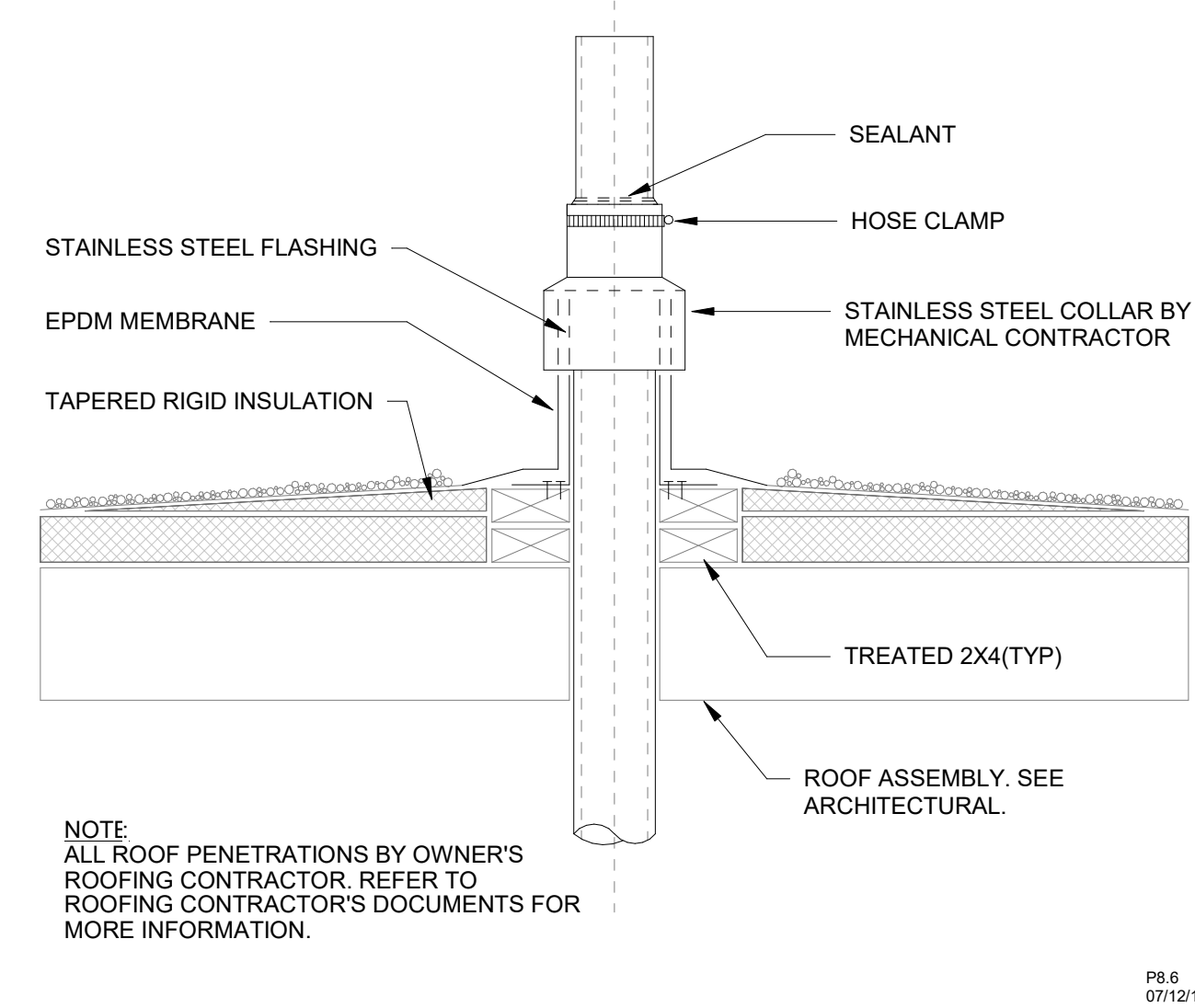
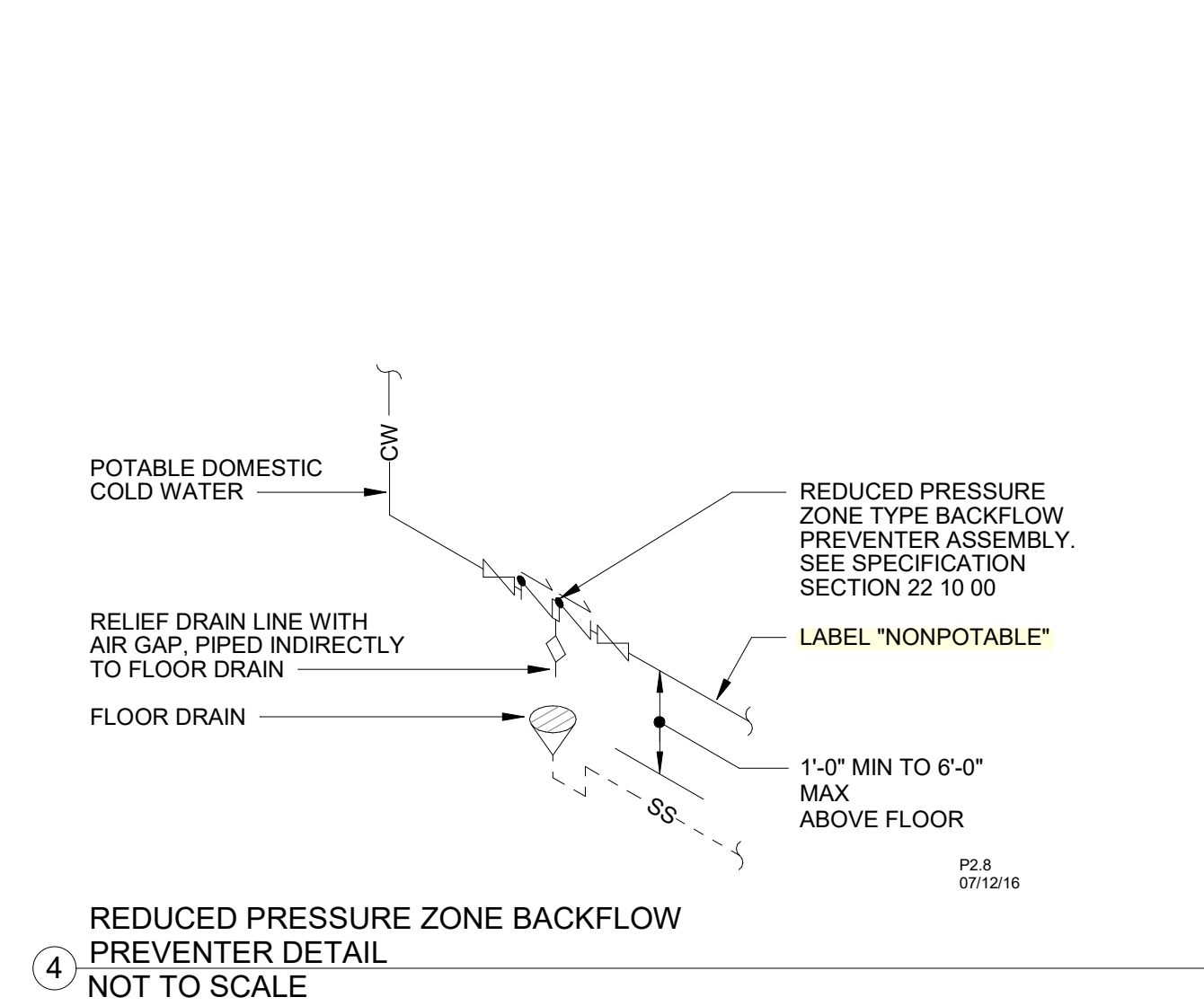
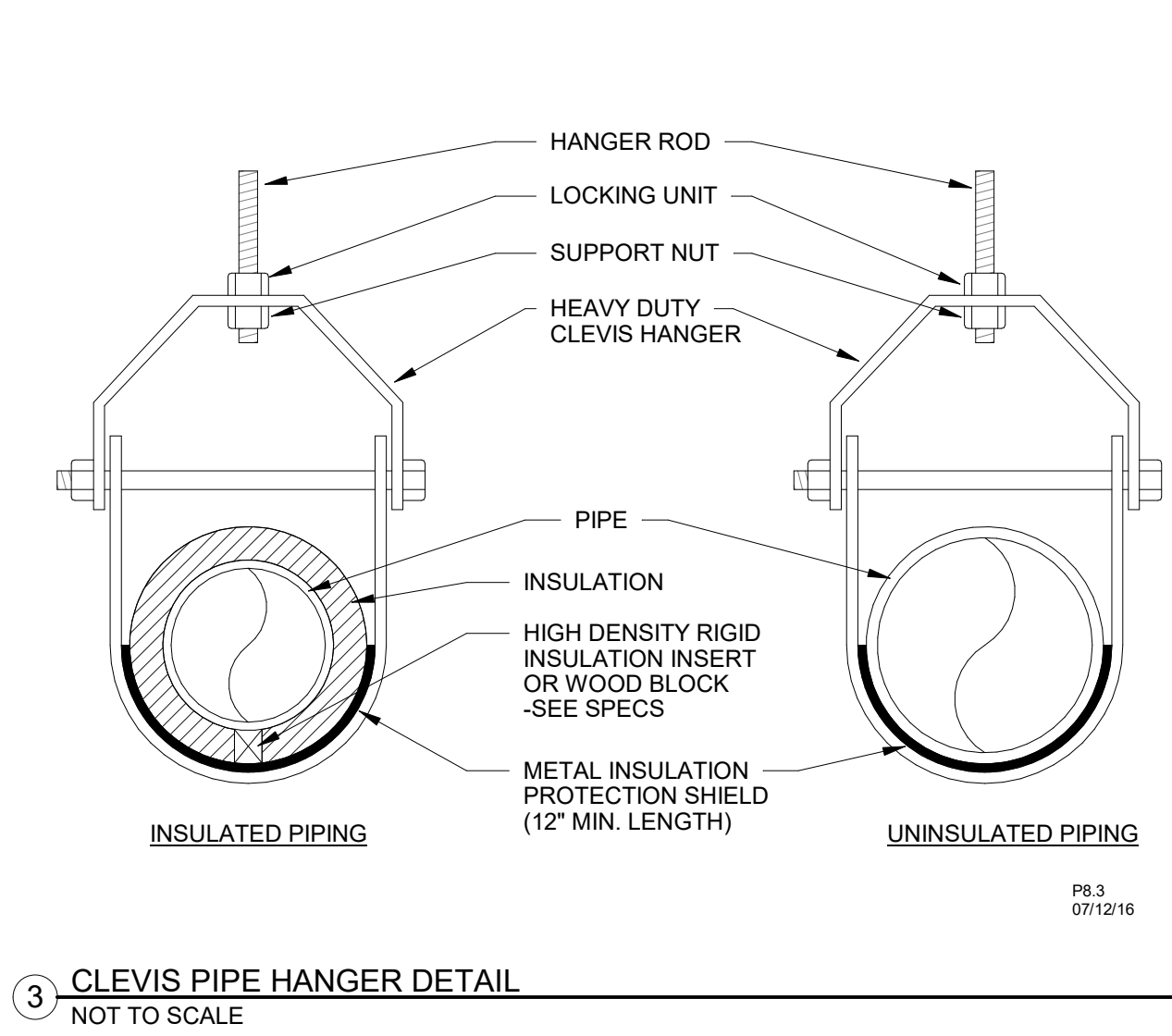
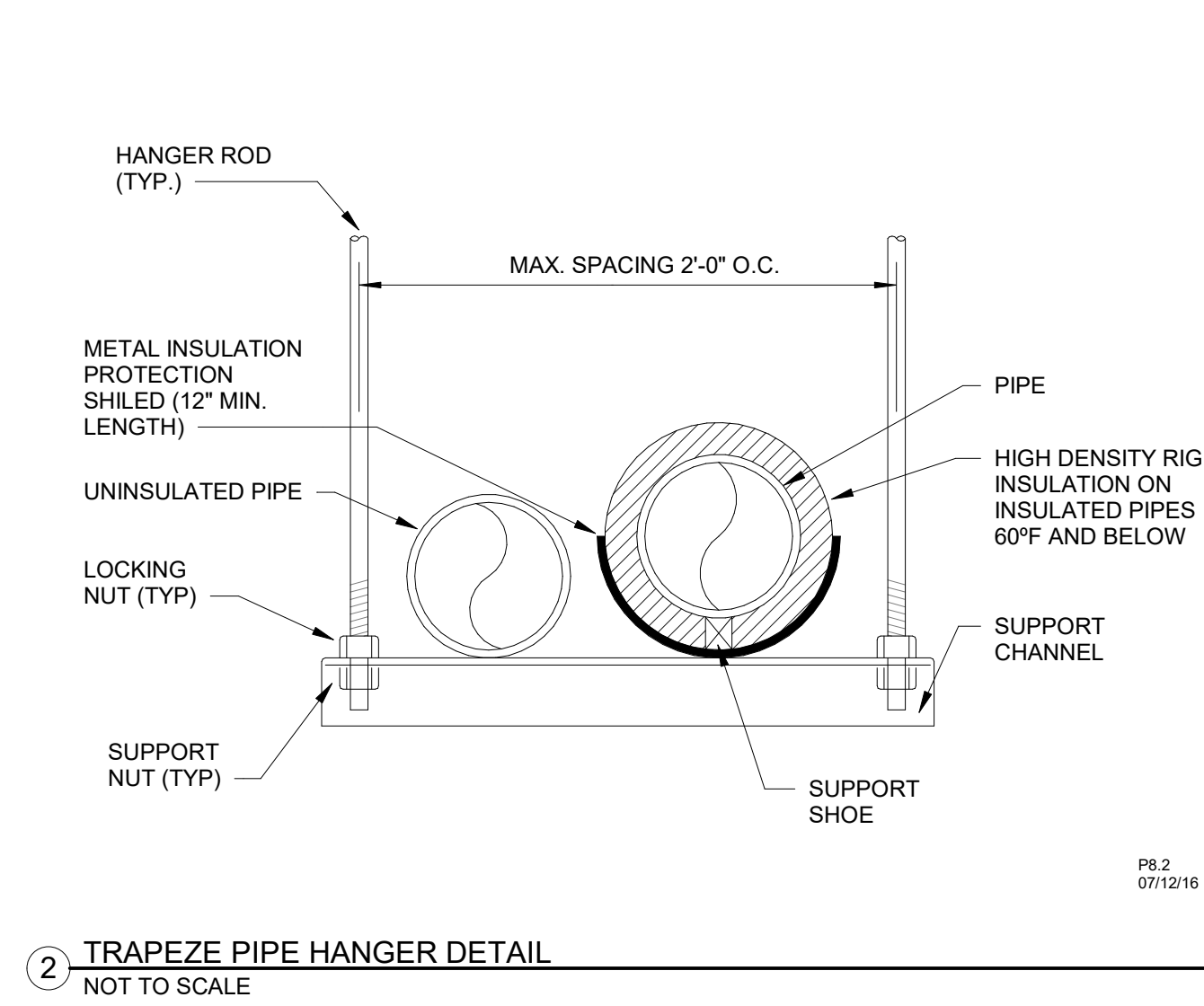
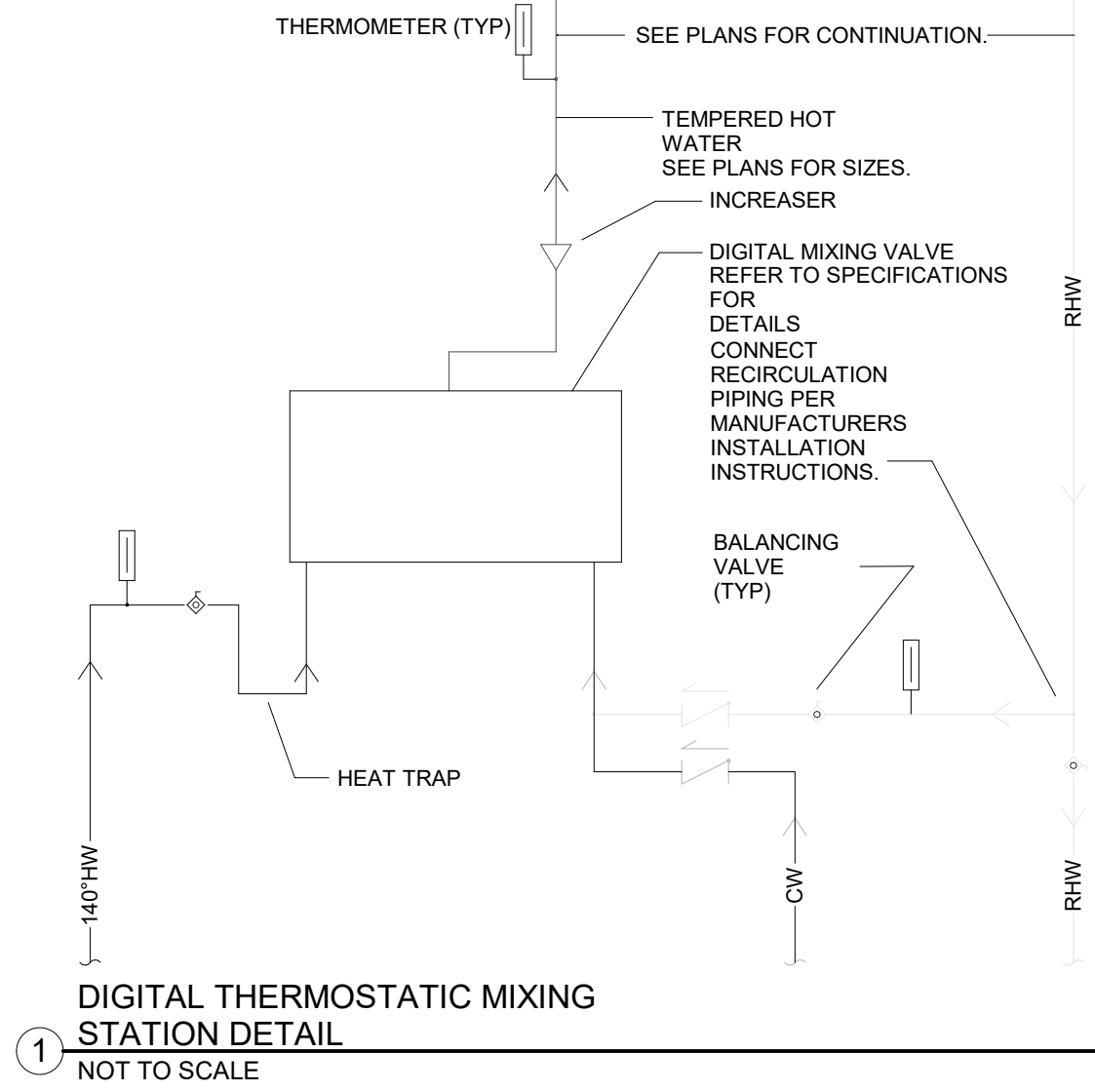
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FC-13	FC-14	FC-15	FC-16	FC-17	FC-18	FC-19	FC-20

REMARKS
Originator: Steen Engineering
Comments:



CC Unit 1-101	CC Unit 1-103	CC Unit 1-104	CC Unit 1-105	CC Unit 1-106	CC Unit 1-107	CC Unit 1-108	CC Unit 1-109	CC Unit 1-110	CC Unit 1-111	CC Unit 1-112	CC Unit 1-113	CC Unit 1-114	CC Unit 1-115	CC Unit 1-116	CC Unit 1-117	CC Unit 1-118	CC Unit 1-119	CC Unit 1-120	Office: 11/11	Dayroom: 11/15
																			FC-23	FC-22



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Mark R. Breneman
signature
Mark R. Breneman
Typed or Printed Name
Mechanical Discipline 12/02/24 Date

**WESLEY BRADLEY PARK
PHASE 2 - CARE CENTER**
707 39TH AVENUE SE
PUYALLUP, WA 98374

**CARE CENTER
PERMIT SET**
December 2, 2024

REVISIONS		
No.	Description	Date

ISA202201
PROJECT NUMBER

RDB RDB
DRAWN BY CHECKED BY

WESLEY BRADLEY PARK
PHASE 2 - CARE CENTER

MECHANICAL DETAILS

M5.3

FAN SCHEDULE																		
UNIT NO.	MANUFACTURER & MODEL NO.	LOCATION	SERVES	FAN DATA				MOTOR DATA				PANEL					NOTES	
				CFM	WEIGHT , LB	ESP (IN.WC)	FAN RPM	HP	RPM	V	PH	PANEL	CIRCUIT	CONDUIT	WIRE SIZE	BREAKER	MECH	ELEC
EF-1	GREENHECK SQ-90-VG	RESTROOMS	RESTROOMS	300	20	0.25	1100	FRAC	-	120 V	1	PP01	9	1/2"	#12	20/1	-	3
EF-2	GREENHECK SP-A125	POOL CHEM ROOM	POOL CHEM ROOM	80	20	0.25	1100	FRAC	-	120 V	1	PP01	3	1/2"	#12	20/1	-	3
EF-3	GREENHECK SQ-100-VG	POOL	POOL	1000	50	0.25	1325	1/4		120 V	1	PP01	2	1/2"	#12	15/1	1	3
EF-4	GREENHECK G-090-E	ROOF	OXYGEN ROOM	250	60	0.25	1050	FRAC		120 V	1	LP11	22	1/2"	#12	20/1	-	3
KEF-1	GREENHECK QUE-100-A	ROOF	KITCHEN TYPE 1 HOOD	900	60	1.0	1725	1/3		120 V	1	KP11	30	1/2"	#12	20/1	-	2
KEF-2	GREENHECK QUE-099-A	ROOF	KITCHEN CONDENSATE HOOD	600	170	1.0	1725	1/4		120 V	1	KP11	28	1/2"	#12	20/1	-	1

MECHANICAL NOTES:

1. PROVIDE FAN WITH ALUMINUM HOUSING AND PLASTIC FAN WHEEL.

ELECTRICAL NOTES:

1. PROVIDE INTERLOCK WITH DISHWASHER SO THAT DISHWASHER DOES NOT OPERATE UNLESS FAN IS RUNNING. PROVIDE 0-30 MINUTE TIME DELAY RELAY, SET TO KEEP FAN RUNNING 10 MINUTES AFTER DISHWASHER STOPS.
2. INTERLOCK MUA WITH EF. CONNECT EF TO HEAT SENSOR, PROVIDED WITH KITCHEN HOOD, TO AUTOMATICALLY START MUA & EF UPON SIGNAL FROM HEAT SENSOR. PROVIDE OVERRIDE "ON" SWITCH WITH PILOT LIGHT NEAR HOOD TO MANUALLY START EQUIPMENT. SWITCH SHALL NOT PREVENT EF FROM RUNNING UPON SIGNAL FROM HEAT SENSOR. PROVIDE INTERLOCK WITH KITCHEN FIRE SUPPRESSION SYSTEM (KFSS) SO THAT KFSS ACTIVATION STOPS MUA. EF SHALL CONTINUE TO RUN UNTIL KFSS RESET.
3. RUNS CONTINUOUSLY.

MECHANICAL AND ELECTRICAL EQUIPMENT SCHEDULE GENERAL NOTES																	
A.	THE MECHANICAL CONTRACTOR SHALL PROVIDE ALL EQUIPMENT SCHEDULED.																
B.	THE ELECTRICAL CONTRACTOR SHALL PROVIDE POWER WIRING AND MAKE FINAL CONNECTION TO EACH PIECE OF EQUIPMENT SCHEDULED.																
C.	THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL STARTERS AND DISCONNECTS.																
D.	THE MECHANICAL CONTRACTOR SHALL PROVIDE ALL CONTROL DEVICES AS WELL AS ALL LINE VOLTAGE AND LOW VOLTAGE WIRING NECESSARY TO INSTALL AND MAKE FULLY OPERATIONAL SPECIFIED CONTROL SYSTEMS, UNLESS NOTED OTHERWISE.																
E.	THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL SINGLE PHASE LINE VOLTAGE CONTROL DEVICES, SUCH AS 120/208/240 VOLT THERMOSTATS, SWITCHES AND TIME CLOCKS DIRECTLY CONTROLLING EXHAUST FANS, UNIT HEATERS, ETC., INCLUDING ALL ELECTRICAL MATERIALS AND FINAL CONNECTIONS.																
F.	THE ELECTRICAL CONTRACTOR SHALL PROVIDE 120V JUNCTION BOX OR RECEPTACLES ADJACENT TO WATER HEATERS, SUMP PUMPS AND WATER SOFTENERS.																
G.	MECHANICAL CONTRACTOR SHALL PROVIDE EQUIPMENT AFFIXED WITH A VISIBLE NAMEPLATE MARKED WITH THE SHORT CIRCUIT CURRENT RATING (SCCR) TO COMPLY WITH SECTION 440.4(B) OF THE LATEST ADOPTED NEC. MINIMUM EQUIPMENT SCCR SHALL BE 5,000 AIC, UNLESS NOTED OTHERWISE.																

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Richard D. Becker
Signature

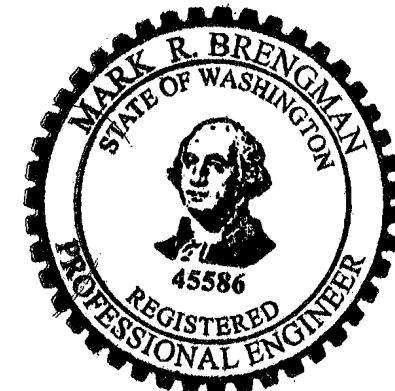
Richard D. Becker
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Mark R. Breneman
Signature

Mark R. Breneman
Typed or Printed Name

Mechanical
Discipline

12/02/24
Date

ELECTRIC DUCT COIL SCHEDULE																						
UNIT NO.	MANUFACTURER & MODEL NO.	LOCATION	SERVES	COIL DATA									ELECTRIC			PANEL					NOTES	
				CFM	PD (”WC)	SIZE		VEL (FPM)	EAT (°F)	LAT (°F)	CAP MBH	TEMP RISE	kW	V	PH	PANEL	CIRCUIT	CONDUIT	WIRE SIZE	BREAKER SIZE	MECH	ELEC
						LENGTH (IN)	WIDTH (IN)															
EDC-1	THERMOLEC MSCD-20LS	POOL MECH	POOL	6000		2'-2"	2'-2"		19 °F	86	187	30 °F	55	208 V	3	DP01	14,16,18	2"	#3/0	200/3	1	-

MECHANICAL NOTES:

1. DUCT HEATER TO BE CONTROLLED BY 0-10 VDC INCLUDED WITH SERESCO UNIT.

CONDENSING UNIT SCHEDULE (POOL)																	
UNIT NO.	MANUFACTURER & MODEL NO.	LOCATION	SERVES	COOLING DATA		MOTOR DATA				PANEL					NOTES		
				TONS	SEER	MCA	HP	V	PH	PANEL	CIRCUIT	CONDUIT	WIRE SIZE	BREAKER	MECH	ELEC	
DHU-1A-CU	SERESCO NC-Z-1V	WEST EXTERIOR	POOL	5	-	5	1.6	208 V	3	PP01	12, 14, 16	1/2"	#12	20/3	-	-	
DHU-1B-CU	SERESCO NC-Z-1V	WEST EXTERIOR	POOL	5	-	5	1.6	208 V	3	PP01	12, 14, 16	1/2"	#12	20/3	-	-	

POOL DEHUMIDIFICATION UNIT SCHEDULE																										
UNIT NO.	MANUFACTURER & MODEL NO.	LOCATION	SERVES	FAN DATA				COOLING DATA						HEATING DATA		MOTOR DATA				PANEL					NOTES	
				CFM	MIN OSA OA	ESP ("WC)	FAN TYPE	REFR	STAGES	MIN MOIST REMOVAL (#/HR)	SPACE TEMP (F)	HUMD RANGE (%RH)	TOTAL (MBH) (MBH)	SENS (MBH) (MBH)	TYPE	MBH	MCA	HP	V	PH	PANEL	CIRCUIT	CONDUIT	WIRE SIZE	BREAKER	MECH
DHU-1	SERESCO NE-210-PS-1	POOL STORAGE	POOL	5600	1400 CFM	1.0	DIRECT DRIVE	R-410A	2	66.4	86	60	150.4	78.6	-	-	56	(2) 2.1	208 V	3	PP01	18,20,22	1"	#6	60/3	1.2

MECHANICAL NOTES:

1. POOL DEHUMIDIFICATION UNIT INCLUDES FACTORY EQUIPPED POOL HEATING CONNECTIONS. POOL CONTRACTOR TO PROVIDE AND INSTALL POOL HEATING INDEPENDENT OF DHU-1.
2. POOL DEHUMIDIFICATION UNIT AIR TO BE HEATED BY ELECTRIC DUCT HEATER (EDC-1) INSTALLED DOWNSTREAM OF UNIT SUPPLY.

MAKE UP AIR UNIT SCHEDULE																				
UNIT NO.	MANUFACTURER & MODEL NO.	LOCATION	AREA SERVED	FAN DATA			ELEC HEATING DATA		MOTOR DATA					PANEL					NOTES	
				CFM	ESP (IN. WC)	FAN RPM	MBH	KW @ 208	MCA	HP	RPM	V	PH	PANEL	CIRCUIT	CONDUIT	WIRE SIZE	BREAKER	MECH	ELEC
KMUA-1	GREENHECK IGX-P109-H12-MF-C	ROOF	KITCHEN	800	1.0	1442	42.5	12.5	55	1/2	1725	208 V	3	KP11	22,24,26	1/2"	#12	15/3	1,2,3	1,2

MECHANICAL NOTES:

1. PROVIDE VFD.
2. INTERLOCK WITH TYPE 1 EXHAUST HOOD.
3. 8 STAGE TURNDOWN

ELECTRICAL NOTES:

1. EQUIPMENT CONTAINS INTEGRAL VFD(S). FEEDER SHALL BE COPPER; ALUMINUM IS NOT APPROVED FOR SUBSTITUTION.
2. PROVIDE INTERLOCK WITH KITCHEN FIRE SUPPRESSION SYSTEM (KFSS) SO THAT KFSS ACTIVATION STOPS MOTOR. MOTOR SHALL NOT START UNTIL KFSS IS RESET.

ELECTRIC HEATER SCHEDULE														
UNIT NO.	MANUFACTURER & MODEL NO.	DESCRIP.	AREA SERVED	HEATING COIL DATA				PANEL				NOTES		
				TOTAL WATTS	TOTAL (BTUH)	V	PH	PANEL	CIRCUIT	CONDUIT	WIRE SIZE	BREAKER	MECH	ELEC
ERH-A	BERKO CP751	ELECTRIC HEATER	SEE PLANS	750	2,560	120 V	1	<varies>	<varies>	1/2"	#12	15/1		1.2
FF-A	BERKO FRC-4024	ELECTRIC HEATER	SEE PLANS	3000	10,239	208 V	1	<varies>	<varies>	1/2"	#12	20/2		1

MECHANICAL NOTES:

1. EQUIPMENT FURNISHED BY MECHANICAL CONTRACTOR, INSTALLED BY ELECTRICAL CONTRACTOR.

ELECTRICAL NOTES:

1. EQUIPMENT FURNISHED BY MECHANICAL CONTRACTOR, INSTALLED BY ELECTRICAL CONTRACTOR. COORDINATE LOCATIONS WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
2. PROVIDE WALL MOUNTED 60 MINUTE TIMER SWITCH WITH COVERPLATE. COVERPLATE COLOR SHALL MATCH ADJACENT SWITCHES. LEVITON #LTB60-1L OR EQUAL.

ROOFTOP WITH ENERGY RECOVERY																					
UNIT NO.	MANUFACTURER & MODEL NO.	LOCATI ON	SERVES	FAN DATA								ENERGY WHEEL (SUPPLY SIDE)								ENERGY WHEEL EFF	
				AIRFLOW		ESP		TSP		FAN RPM		WINTER				SUMMER				SUM %	WINT %
				SUP CFM	RET CFM	SUP ("WC)	RET ("WC)	SUP ("WC)	RET ("WC)	SUP	RET	EAT °F		LAT °F		EAT°F		LAT °F			
				DB	WB	DB	WB	DB	WB	DB	WB	DB	WB	DB	WB	DB	WB				
ERV-1	GREENHECK RVE-150-74D-0-0-A1	ROOF	BASMENT + LEVEL 1 NORTH	4500 CFM	4500	2.0	2.0	4.122	3.007	1706	1596	19 °F	16 °F	55 °F	45 °F	86 °F	66 °F	78 °F	63 °F	74.1	73.8
ERV-2	GREENHECK RVE-40-41D-0-J-A1	ROOF	LEVEL 1 SOUTH	5000 CFM	5000	2.0	2.0	4.969	3.731	2510	2399	19 °F	16 °F	49 °F	41 °F	86 °F	66 °F	80 °F	64 °F	73.3	73.1

ROOFTOP WITH ENERGY RECOVERY CONTD																				
UNIT NO.	ENERGY WHEEL (RETURN SIDE)								ENERGY WHEEL EFF		MOTOR DATA			PANEL					NOTES	
	WINTER				SUMMER				SUM %	WINT %				PANEL	CIRCUIT	CONDUIT	WIRE SIZE	BREAKER	MECH	ELEC
	EAT °F		LAT °F		EAT °F		LAT °F													
	DB	WB	DB	WB	DB	WB	DB	WB												
ERV-1	70 °F	52.9 °F	33.7 °F	29.1 °F	75 °F	62.5 °F	83.8 °F	65.1 °F	74.1	73.8	38.7	208 V	3	LP11	42,44,46	3/4"	#8	40/3	1,2,3,4	1
ERV-2	72 °F	55.8 °F	40.7 °F	35.5 °F	75 °F	62.5 °F	81.4 °F	65.2 °F	73.3	73.1	38.7	208 V	3	LP12	60,62,64	3/4"	#8	40/3	1,2,3,4	1

MECHANICAL NOTES:

HEAT PUMP DOMESTIC WATER HEATER SCHEDULE																
UNIT NO.	MANUFACTURER & MODEL NO.	LOCATION	SERVICE	MAX TEMP RISE (DEG. F)	COP	OUTPUT AT 25°F AMBIENT (MBH)	ELECTRICAL			PANEL				NOTES		
							MCA	V	PH	PANEL	CIRCUIT	CONDUIT	WIRE SIZE	BREAKER	MECH	ELEC
WH-1	AO SMITH APHA280	ROOF	RESIDENTIAL FIXTURES	15	4.27	150	87.5	208	3	DP02	8,10,12	1-1/4"	#6	100/3	1,2,3,4	1,2,3
WH-2	AO SMITH APHA280	ROOF	RESIDENTIAL FIXTURES	15	4.27	150	87.5	208	3	DP02	14,16,18	1-1/4"	#6	100/3	1,2,3,4	1,2,3
WH-3	AO SMITH APHA280	ROOF	RESIDENTIAL FIXTURES	15	4.27	150	87.5	208	3	DP02	20,22,24	1-1/4"	#6	100/3	1,2,3,4	1,2,3
WH-4	AO SMITH APHA200	ROOF	KITCHEN	15	4.44	105	66.25	208	3	DP02	19,21,23	1-1/4"	#6	80/3	1,2,3	1,2,3

MECHANICAL NOTES:

1. PROVIDE MANUFACTURERS MANIFOLD KIT WITH PUMP.
2. FURNISH MANUFACTURERS 480V TO 208V TRANSFORMER.
3. PROVIDE UNIT WITH SINGLE POINT POWER CONNECTION OPTION.
4. INTERCONNECT UNITS TO ALLOW UNITS TO CASCADE.

ELECTRICAL NOTES:

1. PROVIDE DEDICATED CIRCUIT.
2. INSTALL MANUFACTURERS TRANSFORMER FURNISHED BY PLUMBING CONTRACTOR. PROVIDE REQUIRED WIRING BETWEEN TRANSFORMER AND UNIT.
3. MCA LISTED IS AT 480V. PROVIDE BRANCH CIRCUIT SIZED FOR 208V.

SUMP PUMP SCHEDULE																	
UNIT NO.	MANUFACTURER & MODEL NO.	LOCATION	SERVICE	GPM	HEAD (FT. WC)	BASIN		MOTOR DATA				PANEL			PANEL		
						DIA. (IN)	DEPTH (IN)	MCA	HP	RPM	V	PH	PANEL	CIRCUIT	CONDUIT	WIRE SIZE	BREAKER
SP-1	WEIL 1411	MECH 0103	ELEVATOR PIT DRAIN	50	20	24	108		1/2	1750	120 V	1	LP01	12	1/2"	#12	20/1
SP-2	WEIL 1408	MECH 0103	ELEVATOR PIT DRAINTILE	20	20	24	108		1/3	1750	120 V	1	LP01	14	1/2"	#12	15/1
SP-3	WEIL 1411	MECH 0103	BUILDING DRAIN TILE	40	15	24	60		1/2	1750	120 V	1	LP01	16	1/2"	#12	20/1
SP-4	WEIL 1411	POOL MECH 0116	POOL DECK DRAINS	35	15	24	72		1/2	1750	120 V	1	PP01	4	1/2"	#12	20/1
SP-5	WEIL 1411	MECH 0103	LOWER LEVEL DRAINS	40	20	36	72		1/2	1750	120 V	1	LP01	18	1/2"	#12	20/1

MECHANICAL NOTES:

1. REFER TO SPECIFICATIONS FOR FURTHER DETAILS.
2. DUPLEX PUMPS. PUMPS SHALL ALTERNATE OPERATION.

ELECTRICAL NOTES:

1. PROVIDE WIRING FROM CONTROL PANEL TO PUMPS.

DIGITAL MIXING VALVE SCHEDULE																	
FIXTURE TYPE	MANUFACTURER & MODEL #	LOCATION	SERVES	GPM	PRESSURE DROP	INLET CONNECTION	OUTLET CONNECTION	MINIMUM FLOW	MINIMUM RECIRCULATION FLOW	MOTOR DATA			PANEL			NOTES	
										V	PHASE	KVA	PANEL	CIRCUIT	CONDUIT	WIRE SIZE	BREAKER
MOV-1	POWERS IS2150F	MECH 0103	RESIDENTIAL FIXTURES	65	5.00 psi	2"	3"	0 GPM	3 GPM	120 V	1	1000 VA	LP01	33	1/2"	#12	20/1

MECHANICAL NOTES:

1. REFER TO PLUMBING SPECIFICATIONS FOR FURTHER DETAILS.

ELECTRICAL NOTES:

1. PROVIDE DEDICATED CIRCUIT FROM PANEL LP01.

DOMESTIC CIRCULATION PUMP SCHEDULE																
UNIT NO.	MANUFACTURER & MODEL NO.	LOCATION	SERVICE	GPM	HEAD (FT. WC)	MOTOR				PANEL				NOTES		
						HP	RPM	V	PH	PANEL	CIRCUIT	CONDUIT	WIRE SIZE	BREAKER	MECH	ELEC
CP-1	B&G ECO CIRC XL N 55-45	MECH 0103	RESIDENTIAL FIXTURES	22	25	1/2	VAR	120 V	1	LP01	32	1/2"	#12	20/1	1	1
CP-2	B&G NBF-45	MECH 0103	KITCHEN/LAUNDRY	2	10	FRAC	3300	120 V	1	LP01	34	1/2"	#12	20/1	2	2
CP-3	B&G ECO CIRC XL N 20-140	MECH 0103	RESIDENTIAL FIXTURES	55	5	1/2	VAR	208 V	1	DP02	2.4	1/2"	#12	20/1	1	1
CP-4	B&G PL45	MECH 0103	RESIDENTIAL FIXTURES	15	5	1/6	3300	120 V	1	DP02	6	1/2"	#12	20/1	1	1

MECHANICAL NOTES:

1. RUNS CONTIOUSLY.
2. CONTROLLED BY AQUASTAT.

ELECTRICAL NOTES:

1. ECM MOTOR. PROVIDE NEUTRAL CONDUCTOR WITH PHASE CONDUCTORS. PROVIDE TIME CLOCK FOR OPERATION. SET TIME CLOCK TO OPERATING HOURS.
- 2.

ELECTRIC DOMESTIC WATER HEATER SCHEDULE																
UNIT NO.	MANUFACTURER & MODEL NO.	LOCATION	SERVICE	MAX TEMP RISE (DEG. F)	STORAGE (GAL)	RECOVERY (GPH)	ELECTRICAL			PANEL				NOTES		
							KW	V	PH	PANEL	CIRCUIT	CONDUIT	WIRE SIZE	BREAKER	MECH	ELEC
WH-5	AO SMITH DSE-65-75	MECH 0103	WH-1/2/3 BACKUP	95	65	341	75	208 V	3	DP02	1,3,5	2-1/2"	#350	300/3		
WH-6	AO SMITH DSE-65-75	MECH 0103	WH-1/2/3 BACKUP	95	65	341	75	208 V	3	DP02	7,9,11	2-1/2"	#350	300/3		
WH-7	AO SMITH DVE-52-40.5	MECH 0103	WH-4 BACKUP	115	52	151	40.5	208 V	3	DP02	13,15,17	1-1/2"	#1/0	150/3		

FAN COIL UNIT SCHEDULE (VRF)																	
UNIT NO.	MANUFACTURER & MODEL NO.	SERVES	FAN DATA			COOLING DATA TOTAL (MBH)	HEATING DATA MBH	MOTOR DATA			PANEL				NOTES		
			CFM	OA CFM	ESP (IN. WC)			MCA	V	PH	PANEL	CIRCUIT	CONDUIT	WIRE SIZE	BREAKER	MECH	ELEC
FC-1	MTSUBISHI TRANE TPEFYR024MA144A	OFFICE 0125	800	0 CFM	0.3	24	27	2.88	208 V	1	LP01	28.30	1/2"	#12	20/2	2	-
FC-2	MTSUBISHI TRANE TPEFYR030MA144A	STAFF BREAK 0123	1000	230 CFM	0.3	30	34	2.88	208 V	1	LP01	28.30	1/2"	#12	20/2	2	-
FC-3	MTSUBISHI TRANE TPEFYR024MA144A	EDUCATION 0121	800	210 CFM	0.3	24	27	2.88	208 V	1	LP01	28.30	1/2"	#12	20/2	2	-
FC-4	MTSUBISHI TRANE TPEFYR009MA144A	MED RECORDS 0120	330	65 CFM	0.3	9	9	2.88	208 V	1	LP01	28.30	1/2"	#12	20/2	2	-
FC-5	MTSUBISHI TRANE TPEFYR012MA144A	RES STORAGE 0105	400	270 CFM	0.3	12	13	2.88	208 V	1	LP01	28.30	1/2"	#12	20/2	2	-
FC-6	MTSUBISHI TRANE TPEFYR012MA144A	CORRIDOR E0107	400	0 CFM	0.3	12	13	2.88	208 V	1	LP01	28.30	1/2"	#12	20/2	2	-
FC-7	MTSUBISHI TRANE TPEFYR024MA144A	DAYROOM 1168	800	320 CFM	0.3	24	27	2.88	208 V	1	LP11	30.32	1/2"	#12	20/2	2	-
FC-8	MTSUBISHI TRANE TPEFYR024MA144A	NORTH CORRIDOR	800	365 CFM	0.3	24	27	2.88	208 V	1	LP11	30.32	1/2"	#12	20/2	2	-
FC-9	MTSUBISHI TRANE TPEFYR024MA144A	CORRIDOR 1158	800	0 CFM	0.3	24	27	2.88	208 V	1	EOSLP02	14.16	1/2"	#12	20/2	2	-
FC-10	MTSUBISHI TRANE TPEFYR024MA144A	CONF ROOM E101	800	150 CFM	0.3	24	27	2.88	208 V	1	EOSLP02	14.16	1/2"	#12	20/2	2	-
FC-11	MTSUBISHI TRANE TPEFYR024MA144A	CORRIDOR 1158	800	0 CFM	0.3	24	27	2.88	208 V	1	EOSLP02	14.16	1/2"	#12	20/2	2	-
FC-12	MTSUBISHI TRANE TPEFYR012MA144A	SPA/SALON 1151	600	0 CFM	0.3	18	20	2.88	208 V	1	EOSLP02	14.16	1/2"	#12	20/2	2	-
FC-13	MTSUBISHI TRANE TPEFYR036MA144A	SERVING KITCHEN 1144	1200	0 CFM	0.3	36	40	2.88	208 V	1	LP11	34.36	1/2"	#12	15/2	1,2	-
FC-14	MTSUBISHI TRANE TPEFYR030MA144A	THERAPY 1134	1000	235 CFM	0.3	30	34	2.88	208 V	1	LP11	34.36	1/2"	#12	15/2	1,2	-
FC-15	MTSUBISHI TRANE TPEFYR036MA144A	DINING 1133	1200	285 CFM	0.3	36	40	2.94	208 V	1	LP12	44.46	1/2"	#12	15/2	2	-
FC-16	MTSUBISHI TRANE TPEFYR030MA144A	THERAPY 1134	1000	235 CFM	0.3	30	34	2.94	208 V	1	LP12	44.46	1/2"	#12	15/2	2	-
FC-17	MTSUBISHI TRANE TPEFYR036MA144A	CHAPEL 1113	1200	0 CFM	0.3	36	40	2.94	208 V	1	LP12	44.46	1/2"	#12	15/2	2	-
FC-18	MTSUBISHI TRANE TPEFYR036MA144A	COMMONS 1101	1200	0 CFM	0.3	36	40	2.94	208 V	1	LP12	44.46	1/2"	#12	15/2	2	-
FC-19	MTSUBISHI TRANE TPEFYR012MA144A	OFFICE 1106	800	180 CFM	0.3	18	20	2.94	208 V	1	LP12	44.46	1/2"	#12	15/2	2	-
FC-20	MTSUBISHI TRANE TPEFYR016MA144A	DIRECTOR 1111	600	170 CFM	0.3	18	20	2.94	208 V	1	LP12	44.46	1/2"	#12	15/2	2	-
FC-21	MTSUBISHI TRANE TPEFYR024MA144A	NURSE 1122	800	100 CFM	0.3	24	27	2.94	208 V	1	LP12	48.50	1/2"	#12	15/2	2	-
FC-22	MTSUBISHI TRANE TPEFYR030MA144A	DAYROOM 1129	1200	220 CFM	0.3	36	40	2.94	208 V	1	LP12	48.50	1/2"	#12	15/2	2	-
FC-23	MTSUBISHI TRANE TPEFYR006BM140F	OFFICE 1131	300	0 CFM	0.3	18	20	2.94	208 V	1	LP12	48.50	1/2"	#12	15/2	2	-
FC-24	MTSUBISHI TRANE TPEFYR012MA144A	LAUNDRY 1116	400	100 CFM	0.3	12	13	2.94	208 V	1	LP12	48.50	1/2"	#12	15/2	2	-
FC-25	MTSUBISHI TRANE TPEFYR012MA144A	LAUNDRY 1116	400	100 CFM	0.3	12	13	2.88	208 V	1	EOSLP02	14.16	1/2"	#12	15/2	1,2	-
FC-A	MTSUBISHI TRANE TPEFYR006BM140F	1 BED RESIDENT RM	330	0 CFM	-	8	9	0.25	208 V	1			1/2"	#12	20/2	2	1
FC-B	MTSUBISHI TRANE TPEFYR006BM140F	2 BED RESIDENT RM	300	0 CFM	-	6	6.7	0.25	208 V	1			1/2"	#12	20/2	2	1

MECHANICAL NOTES:

1. SHALL BE ON EMERGENCY POWER.
2. REFER TO VRF PIPING DIAGRAMS ON M5.1 & M5.2 FOR FULL DIAGRAM, INCLUDING REFRIGERANT PIPE SIZING.

ELECTRICAL NOTES:

1. REFER TO PLANS FOR CIRCUITING.

CONDENSING UNIT SCHEDULE																
UNIT NO.	MANUFACTURER & MODEL NO.	LOCATION	SERVES	COOLING DATA			MOTOR DATA			PANEL				NOTES		
				TONS	MBH	EER	MCA	V	PH	PANEL	CIRCUIT	CONDUIT	WIRE SIZE	BREAKER	MECH	ELEC
CU-1	MTSUBISHI TRANE TURVEY2163AN1AN	WEST EXTERIOR	FC-1, FC-2, FC-3, FC-4, FC-5, FC-6, FC-7,FC-8, FC-A, FC-B	18	216	20.5	88	208 V	3	LP01	36,38,40	1-1/4"	#3	100/3	2	-
CU-2	MTSUBISHI TRANE TURVEY2163AN1AN	WEST EXTERIOR	FC-9, FC-10, FC-11, FC-12, FC-25, FC-A	18	216	20.5	88	208 V	3	EOSLP01	7,9,11	1-1/4"	#3	100/3	1,2	-
CU-3	MTSUBISHI TRANE TURVEY2163AN1AN	WEST EXTERIOR	FC-13, FC-14, FC-15, FC-16, FC-17, FC-18, FC-19, FC-20	18	216	20.5	88	208 V	3	DP01	2,4,6	1-1/4"	#3	100/3	2	-
CU-4	MTSUBISHI TRANE TURVEY2163AN1AN	WEST EXTERIOR	FC-21, FC-22, FC-23, FC-24, FC-A	18	216	20.5	88	208 V	3	DP01	8,10,12	1-1/4"	#3	100/3	2	-