

SHOCK ARRESTOR SCHEDULE			
P.D.L. DESIGNATION	MANUF. & MODEL	FIXTURE UNITS	CONNECTION
A	SIIOUX CHIEF 652-A	1-11	1/2"
B	SIIOUX CHIEF 653-B	12-32	3/4"
C	SIIOUX CHIEF 654-C	33-60	1"
SIIOUX CHIEF SHOCK ARRESTORS APPROVED FOR INSTALLATION WITH NO ACCESS DOOR REQUIRED. CONFORMS TO ANSI/ASSE 1010 STANDARDS.			

WATER HEATER RECOVERY CALCULATION				
FIXTURE	DEMAND (GPH)	QUANTITY	TOTAL (GPH)	NOTES
LAVATORY	5.0	8	26	0.50 GPM AERATOR
HAND SINK	5.0	2	7	0.50 GPM AERATOR
3-COMP SINK	59.0	1	59	2.20 GPM AERATOR
1-COMP SINK	13.0	1	13	2.20 GPM AERATOR
			105	

CONTRACTOR PROVIDED PLUMBING FIXTURE SCHEDULE	
FCV	FLOW CONTROL VALVE: FLOWDESIGN # ICSS "AUTOFLOW". SERIES 300 STAINLESS UNION BODY WITH NICKEL PLATED UNION NUT, STAINLESS STEEL PRESSURE COMPENSATING CARTRIDGE, MEETING NSF 61 ANNEX G, NAMEPLATE AND 1/2" VALVE BODY SIZE UNLESS SHOWN OTHERWISE ON PLANS. PROVIDE 0.5 GPM FLOW RATE CARTRIDGE UNLESS SHOWN OTHERWISE ON PLANS.
FD-1	ADJUSTABLE ON-GRADE FLOOR DRAIN, SQUARE, SIOUX CHIEF MODEL #832-35PNQ
FD-2	ADJUSTABLE ON-GRADE FLOOR DRAIN, ROUND, SIOUX CHIEF MODEL #832-35PNR
FS-1	12"X12"X10" DEEP SQUARE HALF GRATE FLOOR SINK WITH DOME STRAINER, JOSAM MODEL #49360A-NB-3
FS-2	12"X12"10" DEEP SQUARE HALF GRATE FLOOR SINK WITH DOME STRAINER, JOSAM MODEL #49360A-3
FS-3	8"X8"6" DEEP SQUARE GRATE FLOOR SINK WITH DOME STRAINER, JOSAM MODEL #49302-LF
TP	TRAP PRIMER, PRECISION PLUMBING PRODUCTS MODEL PT-6. 120V AC REQUIRED
HYD	WALL HYDRANT TO BE ZURN MODEL #Z1320-C WITH BOX, 6" WALL THICKNESS, 3/4" STRAIGHT INLET CONNECTION, ANTI-SIPHON, FREEZELESS
HYD-R	NON-FREEZE ROOF HYDRANT JAY R SMITH MODEL 5906-H, 3/4" INLET CONNECTION, 1/8" DRAIN HOLE
HWRP-1	BELL AND GOSSETT RECIRC. PUMP, MODEL NBF-22U, 115V, 100 WATT, WITH AQUASTAT.
FCO	FINISHED FLOOR CLEANOUT, ZURN Z1440-NH, CLEANOUT FERRULE W/BRONZE PLUG.
WCO	WALL CLEANOUT, ZURN MODEL #ZS1468 W/STAINLESS STEEL ACCESS COVER AND PLUG.
GCO	GRADE CLEANOUT, WADE MODEL #6000-12
MV-1 MIXING VALVE	ZURN MODEL P6900-TMV-1 WITH 3/8" INLETS/ OUTLETS, INTEGRAL CHECK VALVES AND STRAINER SCREEN, MIN. FLOW 0.50 GPM, MEETS ASSE 1070.
HD-1	ADJUSTABLE HUB DRAIN, ROUND, SIOUX CHIEF MODEL #832-3HHD.
BFP-1	ZURN MODEL 740 ASSE 1022 DUAL CHECK VALVE.
GENERAL NOTES:	
(1) - FIXTURES SHALL BE AS SHOWN.	
(2) - ALL FIXTURES SHALL COMPLY WITH TABLE 604.4 OF IPC 2018 WITH 2020 GEORGIA AMENDMENTS.	
(3) - ALL FIXTURES TRIM PACKAGES INCLUDING BUT NOT LIMITED TO TRAP, ANGLE STOP, FLUSH VALVE, SUPPLY TUBES, AND CLEANOUT COVER PLATES SHALL BE POLISHED CHROME FINISH THE SAME AS ZURN Z0930 FAUCET AND PER ARCHITECTURAL FINISH SCHEDULE.	
(4) - ALL FIXTURES SHALL BE ROUGHED IN PER MANUFACTURER CUT SHEET TO MAINTAIN UNIFORMITY.	

PLUMBING NOTES	
1.	ALL WORKMANSHIP AND MATERIALS SHALL BE IN STRICT ACCORDANCE WITH 2018 IPC WITH 2020 GEORGIA AMENDMENTS, APPLICABLE LOCAL CODES, RULES AND ORDINANCES.
2.	PLUMBING CONTRACTOR SHALL VISIT THE JOB SITE AND THOROUGHLY FAMILIARIZE HIMSELF WITH ALL CONDITIONS.
3.	ALL WORK SHALL BE PERFORMED BY A LICENSED PLUMBING CONTRACTOR IN A FIRST CLASS WORKMAN LIKE MANNER. THE COMPLETED SYSTEM SHALL BE FULLY OPERATIONAL. ALL EXCAVATION AND BACKFILL, AS REQUIRED FOR THIS PHASE OF CONSTRUCTION, SHALL BE A PART OF THIS CONTRACT.
4.	REQUIRED INSURANCE SHALL BE PROVIDED BY THE PLUMBING CONTRACTOR FOR PROTECTION AGAINST PUBLIC LIABILITY AND PROPERTY DAMAGE FOR THE DURATION OF THE WORK.
5.	PLUMBING CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS, FEES, INSPECTIONS AND TESTS, PLUMBING CONTRACTOR TO OBTAIN PERMIT AND APPROVED SUBMITTALS PRIOR TO BEGINNING WORK OR ORDERING EQUIPMENT. PLUMBING CONTRACTOR MUST BE PRESENT FOR ALL INSPECTIONS OF HIS WORK BY REGULATORY AUTHORITIES.
6.	DRAWINGS ARE DIAGRAMMATIC. DO NOT SCALE FOR THE EXACT LOCATION OF FIXTURES, PIPING, EQUIPMENT, ETC. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS
7.	ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF CONSTRUCTION. REPORT ANY DISCREPANCY TO THE ENGINEER/ARCHITECT PRIOR TO BEGINNING CONSTRUCTION.
8.	VERIFY LOCATION, SIZE, DIRECTION OF FLOW AND INVERTS OF ALL EXISTING UTILITIES PRIOR TO BEGINNING OF CONSTRUCTION. ADVISE ENGINEER OF ANY DISCREPANCIES.
9.	WATER DISTRIBUTION PIPING EXPOSED ABOVE GROUND AND BELOW GROUND SHALL BE ASTM B88 TYPE "L" COPPER. WATER DISTRIBUTION PIPING CONCEALED IN WALLS AND ABOVE CEILINGS SHALL BE ASTM D2846 CPVC, APPROVED FOR POTABLE WATER USAGE. COORDINATE WITH LOCAL JURISDICTION FOR ADDITIONAL REQUIREMENTS.
10.	DRAIN AND MANIFOLD PIPING UNDER 1-COMPARTMENT AND 3-COMPARTMENT SINKS SHALL BE TYPE "L" COPPER.
11.	SOIL, WASTE, AND VENT PIPING SHALL BE NO HUB ASTM A74 CAST IRON OR ASTMD 2685 PVC, WHERE CODE ALLOWS. PVC MAY NOT BE USED THRU RATED FIRE ASSEMBLIES OR IN AIR PLENUMS.
12.	ALL FIXTURES MUST BE PROVIDED WITH READILY ACCESSIBLE STOPS AND APPROPRIATELY MARKED ACCESS PANELS. COORDINATE LOCATIONS WITH GENERAL CONTRACTOR PRIOR TO INSTALLATION.
13.	FURNISH AND INSTALL APPROVED WATER HAMMER ARRESTORS AS SHOWN ON DOMESTIC WATER ISOMETRIC, SIZED AND LOCATED PER MANUFACTURER'S INSTALLATION INSTRUCTIONS AND WH-PDI 201.
14.	DIELECTRIC COUPLINGS ARE REQUIRED BETWEEN ALL DISSIMILAR METALS IN PIPING AND EQUIPMENT CONNECTIONS.
15.	ISOLATE COPPER PIPE FROM HANGER OR SUPPORTS WITH ISOLATOR PADS OR MATERIAL.
16.	PLUMBING CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP FREE FROM DETECTS FOR A PERIOD OF NOT LESS THAN ONE (1) YEAR FROM DATE OF ACCEPTANCE BY OWNER. CORRECTION OF ANY DETECTS SHALL BE COMPLETED WITHOUT ADDITIONAL CHARGE AND SHALL INCLUDE REPLACEMENT OR REPAIR OF ANY OTHER PHASE OF THE INSTALLATION WHICH MAY HAVE BEEN DAMAGED.
17.	PROVIDE ACCESS PANELS FOR ALL CONCEALED VALVES AND ALL WATER HAMMER ARRESTORS. ACCESS PANELS IN FIRE RATED WALLS MUST MAINTAIN THE SAME RATING AND MUST MATCH THE FINISH OF THE WALL IN WHICH IT IS INSTALLED.
18.	PROVIDE COMBINATION COVER PLATE AND CLEANOUT PLUG OR ACCESS PANEL FOR ALL WALL CLEANOUTS FINISH TO MATCH FIXTURE TRIM.
19.	ALL CONTROL VALVES SHALL BE TAGGED AND MARKED. A REPRODUCIBLE DIAGRAM LOCATING ALL VALVES SHALL BE PROVIDED FOR OWNER/OPERATOR.
20.	ALL CONDENSATE DRAIN PIPING SHALL BE TYPE "L" COPPER WITH 1/2" ARMAFLEX INSULATION. PVC PIPING WITH ARMAFLEX INSULATION MAY BE USED IN LOCATIONS WHERE ALLOWED BY LOCAL CODES. SEE PLUMBING DRAWINGS FOR SIZE AND LOCATION OF PIPING.
21.	PROVIDE ANGLE STOPS ON ALL WATER SERVICE LINES TO FIXTURES FOR INDIVIDUAL SHUT-OFF.
22.	WATER PIPING INSULATION SHALL BE 1" ARMAFLEX INSTALLED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS FOR ALL HOT WATER PIPING. ALL COLD WATER PIPING SHALL BE INSULATED WITH 1/2" ARMAFLEX INSULATION, PER 2015 IECC.
23.	PLUMBING CONTRACTOR SHALL COORDINATE INVERT ELEVATION OF EXISTING SANITARY WASTE DRAINAGE PIPING WITH NEW PIPING PRIOR TO INSTALLATION.
24.	GENERAL CONTRACTOR TO SEAL ALL PENETRATIONS IN WALLS AND CEILINGS.
25.	GENERAL CONTRACTOR TO PROVIDE AND INSTALL QUICK CONNECTIONS / ISOLATION VALVES AT ALL BEVERAGE MACHINES.
26.	INDIRECT DRAIN LINES FROM FOUNTAINS, ICE MACHINES, COLD PANS, & OTHER REFRIGERATED MACHINES SHALL BE INSULATED.
27.	CONDENSATE LINES IN COOLERS AND FREEZERS SHALL BE INSULATED. INSTALL HEAT TRACE FOR CONDENSATE LINES IN FREEZER.

PLUMBING LEGEND		
FCO	FLOOR CLEAN OUT	----- SANITARY SEWER PIPING
WCO	WALL CLEAN OUT	----- GW ----- GREASE WASTE PIPING
GCO	GRADE CLEAN OUT	----- VENT PIPING
S.O.V	SHUT-OFF VALVE	----- CW ----- DOMESTIC COLD WATER PIPING
FD	FLOOR DRAIN	----- HW ----- HOT WATER PIPING
CW	DOMESTIC COLD WATER	----- HWR ----- HOT WATER RECIRCULATING PIPING
HW	DOMESTIC HOT WATER	----- CD ----- CONDENSATE PIPING
HWR	DOMESTIC HOT WATER RECIRCULATING	----- FW ----- FILTERED WATER PIPING
HB	HOSE BIB	----- FWPH ----- FILTERED WATER PHOSPHATE PIPING
HD	HUB DRAIN	----- PIPE RISE UP
VTR	VENT THRU ROOF	----- PIPE DOWN OR DROP
⌵	BALL VALVE	----- CAPPED END OF PIPE
⌵	GLOBE VALVE	----- P-TRAP
⌵	BALANCING VALVE	
#	WATER HAMMER ARRESTER (PDI No.)	
⊙ FD	FLOOR DRAIN	
≡ FS	FLOOR SINK	

SLOPE OF HORIZ. DRAINAGE PIPE	
SIZE (inches)	MINIMUM SLOPE (inch per foot)
2-1/2 or less	1/4
3 to 6	1/8
8 or larger	1/16
PER THE 2018 INTERNATIONAL PLUMBING CODE WITH GEORGIA AMENDMMENTS.	

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ISSUE/REVISION RECORD	
DATE	DESCRIPTION
12/03/20	PERMIT SET
11/22/21	REV 1 CODE COMMENTS
05/16/22	REFRESH 2021-05

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RACETRAC STORE NUMBER

1478

PROTOTYPE SERIES

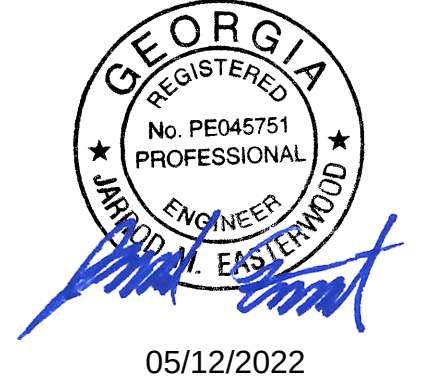
2021 LH M0 0507

PLAN MODIFICATION NOTICE

SPB NO. 0507 DATE 12/08/21

STANDARD PLAN BULLETINS (SPB) MODIFY THE
PROTOTYPE SERIES SET NOTED ABOVE. THE
LISTED SPB REPRESENTS THE LATEST
MODIFICATION INCORPORATED TO THIS
PROTOTYPE SERIES SET AT ORIGINAL RELEASE.
THE ISSUE / REVISION RECORD COLUMN ABOVE
LISTS ANY REVISIONS OR SPB INCORPORATED IN
THIS SET AFTER THE ORIGINAL RELEASE.
CONTACT RACETRAC ENGINEERING AND
CONSTRUCTION FOR ANY SUBSEQUENT
BULLETINS NOT INCORPORATED HEREIN.

PROFESSIONAL SEAL



05/12/2022

PROJECT NUMBER
63200243

SHEET TITLE

**PLUMBING NOTES
AND LEGENDS**

SHEET NUMBER

P001

PLUMBING EQUIPMENT SCHEDULE																			
ITEM NO.	RISER TAG	QTY.	DESCRIPTION	FURN. BY	INST. BY	MANUFACTURER	MODEL	PLUMBING DATA										REMARKS	
								CW	HW (110°)	HW (140°)	FW	FWPH	W	IW	FD	FS			
2000 SERIES – BUILDING PLUMBING																			
2002	LAV	5	VANITY SINKS	RT	GC	KOHLER	K-2611	1/2"	1/2"	-	-	-	2"	-	-	-	FAUCET: ZURN Z6930-XL-F-CWB-TMV-1		
2003	HLAV	2	LAVATORY FOR ACCESSIBLE STALLS (HARD WIRED FAUCET)	RT	GC	ZURN	Z5341	1/2"	1/2"	-	-	-	2"	-	-	-	FAUCET: ZURN Z6930-XL-F-CWB-TMV-1		
2004	UR	6	URINAL	RT	GC	ZURN	Z5755-U	3/4"	-	-	-	-	2"	-	-	-	FLUSH VALVE: ZURN ZEMS6003AV-ULF-VP		
2005	MS	1	MOP SINK FAUCET	RT	GC	ZURN	Z1996-SF	1/2"	-	1/2"	-	-	3"	-	-	-	PROVIDE FD-2 FOR MS		
2008	WF	1	WATER FILTER SYSTEM	RT	GC	EVERPURE	ENDURANCE HIGH FLOW TRIPPLE: EV9437-31	3/4"	-	-	3/4"	3/4"	-	-	-	-	XC PLUS SYSTEM - SURGE TANK: EV9336-51		
2014	HR	3	HOSE REEL	RT	GC	REELCRAFT	5635 OLPSW51LW2	3/4"	-	-	-	-	-	-	-	-	-		
2019	WC	8	WATER CLOSET	RT	GC	ZURN	Z5665-BWL WITH TOP SPUD AND Z5955SS-EL	1"	-	-	-	-	3"	-	-	-	ZURN ZEMS6000AV-WS1-IS 1X11 1/2 - AQUASENSE EXPOSED HARDWIRED 1.6GP - WTR CLOSET FLUSH VLV L/ ELEC BOX		
2020	WF	2	BEAN TO CUP WATER FILTER	RT	GC	3M	HF40-S	3/4"	-	-	-	-	-	-	-	-	CUNO MODEL #6213003 FILTER PROVIDED BY RT		
2022	PS	1	ONE COMPARTMENT SINK WITH DRAIN BOARD	RT	GC	SPG	1N18-RD24	3/4"	-	3/4"	-	-	-	2"	-	3"	T&S BRASS B231 FAUCET. SEE A140 SHEET TO SELECT PROPER LEFT/RIGHT HAND DRAINBOARD.		
2023	SK3	1	THREE COMPARTMENT SINK	RT	GC	SPG	SKS-002789-01	3/4"	-	3/4"	-	-	-	2"	-	4"	T&S BRASS B231 FAUCET AND T&S BRASS B-0133-B SPRAYER		
2024	HS	3	HAND SINK	RT	GC	SPG	EHS-1RL	1/2"	1/2"	-	-	-	2"	-	-	-	FAUCET: ZURN Z6930-XL-F-CWB-TMV-1; DRAIN: K8807		
2026	LAV	1	DEEP VANITY SINK	RT	GC	KOHLER	K-8661	1/2"	1/2"	-	-	-	2"	-	-	-			
3000 SERIES – ELECTRICAL EQUIPMENT WITH PLUMBING																			
3004	-	3	10 HEAD SODA FOUNTAIN	RT	VENDOR	CORNELIUS	ENDURO 200	-	-	-	3/8"	-	-	3/4"	-	2"	-		
3005	-	3	POST MIX SODA SYSTEM	RT	VENDOR	CORNELIUS	UCC-40	-	-	-	3/8"	-	-	-	-	-	-		
3007	-	2	GRANITA MACHINE	RT	VENDOR	BUNN	ULTRA II CFV	-	-	-	1/4"	-	-	-	-	2"	-		
3008	-	1	CAPPUCCINO DISPENSER - 5 HEAD	RT	GC	BUNN	IMIX-5	-	-	-	-	1/4"	-	-	-	-	-		
3011	-	2	COMBI OVEN STEAMER	RT	GC	CLEVELAND	MINI OES 6.10	3/4"	-	-	-	3/4	-	1 1/2"	-	3"	WATER LINE TO FIT STANDARD 3/4 INCH GARDEN HOSE THREADED CONNECTOR ON STREAMER		
3013	EWB	1	WATER HEATER (18 KW, 50 GAL - SHORT)	RT	GC	RHEEM	ES50-18-G	-	-	-	-	-	-	-	-	-	PROVIDE AMTROL ST-5 2 GALLON EXPANSION TANK		
3014	-	2	FCB VIPER (FROZEN CARBONATED BEVERAGE)	RT	VENDOR	FBD	774	-	-	-	3/8"	-	-	-	-	2"	GC PROVIDES 3/4 INCH (CU) W/BALL VALVE - FILTERED NEMA L6-30R. FIXTURE TO HAVE BASE CART 12-2899-0001		
3017	-	4	BEAN TO CUP COFFEE MACHINE	RT	GC	SCHAEERER	ART C TOUCH 3G	-	-	-	3/8"	-	-	-	-	-	-		
3022	-	2	Schaerer Coffee Art C TOUCH Utility	RT	GC	Schaerer	040381-00090E US	-	-	-	-	-	-	-	-	-	-		
3033	-	2	TEA BREWER	RT	VENDOR	BUNN	52000_0301	-	-	-	-	1/2"	-	-	-	2"	-		
4000 SERIES – REFRIGERATION																			
4013	-	2	ICE MAKER (CRUSHED/NUGGET)	RT	VENDOR	ICE-O-MATIC	GEM0956R	-	-	-	-	3/8"	-	3/4"	-	2"	FLEXIBLE PIPING AND MANIFOLD BY VENDOR		
4025	-	4	FROZEN YOGURT DISPENSER	RT	GC	STOELTING	F231-AD1	-	-	-	-	-	-	2"	-	3'			
4033	-	1	TWO DOOR REFRIGERATOR	RT	GC	TURBO AIR	M3R47-2	-	-	-	-	-	-	-	-	-	-		
4043	-	1	TWO DOOR REACH-IN FREEZER	RT	GC	TURBO AIR	M3F47-2	-	-	-	-	-	-	-	-	-	-		
4065	-	1	BULLET IMPULSE COOLER (4 FT.)	RT	GC	HILLPHOENIX	HVL-304R-59	-	-	-	-	-	-	-	-	-	-		
4114	-	1	WALK IN COOLER CONDENSER	RT	GC	BOHN	BZT015M6C	-	-	-	-	-	-	-	-	-	-		
4131	-	1	YOGURT MACHINES CHILLER - PAK	RT	GC	AIRDYNE	C20AR404A	-	-	-	-	-	-	-	-	-	-		
4138	-	1	1 DOOR, 177 GAL. THAWING CABINET	RT	GC	ELECTROLUX	670IL	-	-	-	-	-	-	-	-	-	-		
4150	-	4	REACH IN COOLER EVAPORATOR	RT	GC	BOHN	BEC0175ASTA MAB0200	-	-	-	-	-	-	-	-	-	-		
4152	-	1	WALK IN COOLER EVAPORATOR	RT	GC	BOHN	BEC013ASTAM AB0200	-	-	-	-	-	-	-	-	-	-		
4154	-	1	FREEZER EVAPORATOR	RT	GC	BOHN	BEC0135BS6E MAB0200	-	-	-	-	-	-	-	-	-	-		
4173	-	1	UNDERCOUNTER FREEZER	RT	GC	Turbo Air	MUF-36-N	-	-	-	-	3/8"	-	3/4"	-	2"	-		
4181	-	1	ICE MAKER (CUBER)	RT	VENDOR	ICE-O-MATIC	CIM0836R	-	-	-	-	3/8"	-	3/4"	-	-	SERVES 4181 UNITS		
4182	-	1	ICE MAKER REMOTE CONDENSER (CUBER)	RT	VENDOR	ICE-O-MATIC	RCA-2061	-	-	-	-	-	-	-	-	-	SERVES 4013 UNITS		
4183	-	2	ICE MAKER REMOTE CONDENSER (CRUSHED NUGGET)	RT	VENDOR	ICE-O-MATIC	RGA-1061-HM	-	-	-	-	-	-	-	-	-	-		

1
ALL PLUMBING FIXTURES SHALL COMPLY WITH 2018 IPC WITH 2020 GEORGIA AMENDMENTS

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EXPIRES 6/30/2022

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DRAWN BY:

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ISSUE/REVISION RECORD

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12/03/20	PERMIT SET
11/22/21	REV 1 CODE COMMENTS
05/16/22	REFRESH 2021-05

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4443 OLD DUNN COURT

RACETRAC STORE NUMBER

1478

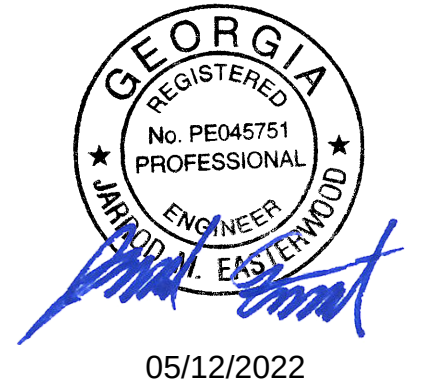
PROTOTYPE SERIES

2021 LH MQ 0507

PLAN MODIFICATION NOTICE

SPB NO. 0507 DATE 12/08/21
STANDARD PLAN BULLETINS (SPB) MODIFY THE
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PROJECT NUMBER

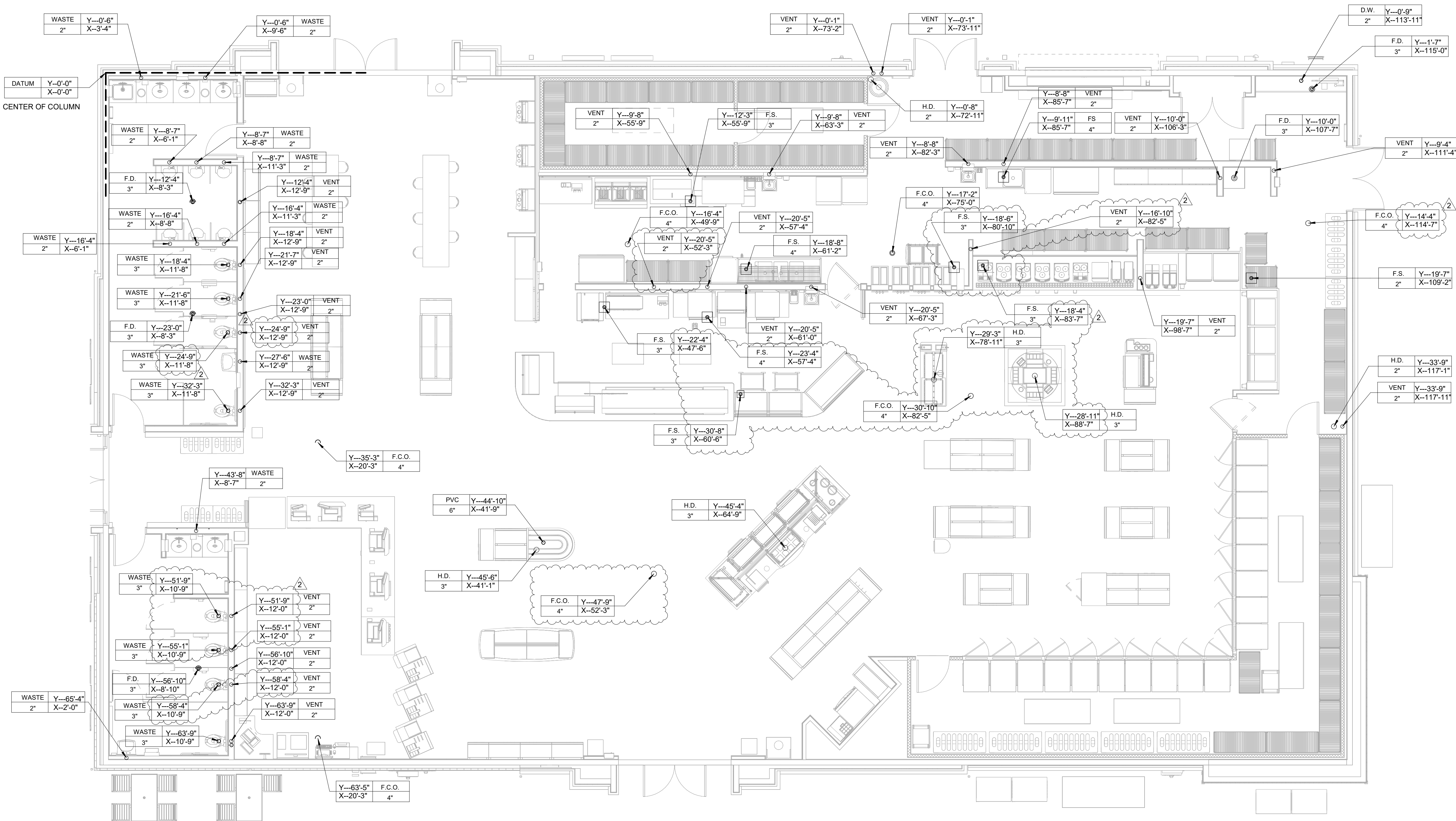
63200243

SHEET TITLE

PLUMBING
EQUIPMENT
SCHEDULE

SHEET NUMBER

P002



1 PLUMBING ROUGH-IN
3/16" = 1'-0"

LEGEND

C.W. - COLD WATER
D.W. - DOMESTIC WATER SERVICE
F.C.O. - FLOOR CLEAN OUT
F.D. - FLOOR DRAIN
F.S. - FLOOR SINK
H.D. - HUB DRAIN
H.S. - HAND SINK
M.S. - MOP SINK

DATUM POINT REFERENCE

X. DIMENSIONS (HORIZONTAL) ARE TAKEN FROM THE CENTER OF COLUMN INDICATED BY THE DATUM POINT.
Y. DIMENSIONS (VERTICAL) ARE TAKEN FROM THE CENTER OF COLUMN INDICATED BY THE DATUM POINT.

LEGEND

DESCRIPTION/
EQUIPMENT#

PIPE SIZE

Y (VERTICAL) DIMENSION FROM DATUM POINT.

X (HORIZONTAL) DIMENSION FROM DATUM POINT.

1. WALL MOUNTED DEVICES ARE DIMENSIONED TO WALL.
2. CEILING AND FLOOR MOUNTED DEVICES AND/OR PENETRATIONS ARE DIMENSIONED TO THE CENTER OF THE DEVICE/PENETRATION.

INCORPORATED SPB - 2021_0502; 2021_0504

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ELLENWOOD
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4443 OLD DUNN COURT

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PLAN MODIFICATION NOTICE

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PROFESSIONAL SEAL



05/12/2022

PROJECT NUMBER

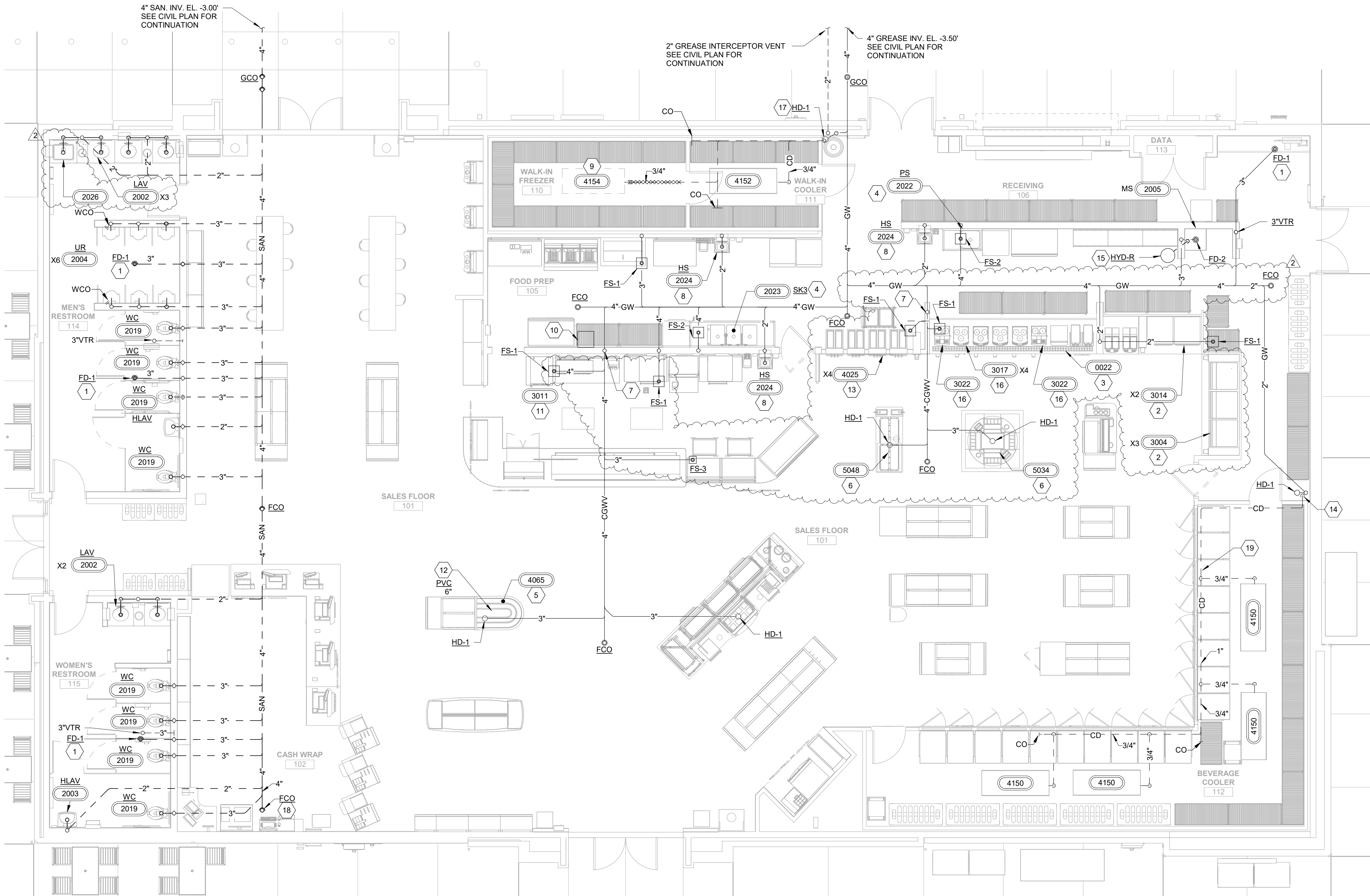
63200243

SHEET TITLE

PLUMBING
ROUGH-IN PLAN

SHEET NUMBER

P100



1 SANITARY PLAN
3/16" = 1'-0"

GENERAL NOTES

- REFER TO SANITARY ISOMETRICS, SHEET P410, FOR SANITARY AND VENT PIPING SIZES.
- CONTRACTOR TO COORDINATE SANITARY BUILDING SEWER DRAIN AND GREASE WASTE DRAIN CONNECTIONS WITH CIVIL SITE CONTRACTOR. VERIFY EXISTING SEWER ELEVATION IS ADEQUATE FOR GRAVITY DRAINAGE SEWER SYSTEM FOR BUILDING. CONTACT ENGINEER OF RECORD IF EXISTING SEWER INVERT ELEVATION WILL NOT SUPPORT A GRAVITY DRAINING SYSTEM.
- ROUTE ALL DRAIN LINES AND CONDENSATE LINES FROM EQUIPMENT TO NEAREST FLOOR SINK WITH APPROVED AIR GAP.
- REFER TO SHEET M200 FOR RTU CONDENSATE PIPING.

SHEET KEYNOTES

- PROVIDE TRAP PRIMER, RUN 1/2" SOFT "K" COPPER TUBING BELOW FLOOR TO PRIMER FITTING AT FLOOR DRAIN TRAP FOR FLOOR DRAINS. SEE DETAIL 1/P431 AND 2/P431.
- INDIRECT DRAIN LINES FROM DRAIN PANS TO BE CPVC & ROUTED TO FLOOR SINK WITH AIR GAP. SEE DETAIL 3/P431.
- INDIRECT DRAIN LINES FROM COFFEE COUNTER DRAIN PANS TO BE CPVC & ROUTED TO FLOOR SINK WITH AIR GAP.
- COPPER INDIRECT DRAIN FROM MANIFOLD FROM 3-COMP AND 1-COMP SINK TO FLOOR SINK WITH AIR GAP.
- INDIRECT DRAIN LINES FROM SANDWICH COOLER AND IMPULSE COOLER TO HUB DRAIN WITH AIR GAP.
- INDIRECT DRAIN LINES FROM EQUIPMENT ROUTED TO HUB DRAIN/FLOOR SINK WITH AIR GAP.
- DRY VENT TO CONNECT TO TOP OF COMBINATION DRAIN AND VENT PIPE. ROUTE AT A MAXIMUM OF 45° FROM VERTICAL, TYPICAL.
- DIRECT DRAIN FROM HAND SINK TO WASTE LINE AS SHOWN. 3/4" DRAIN FROM FREEZER EVAPORATOR TO HUB DRAIN. HEAT TRACE AND INSULATE DRAIN LINE IN FREEZER. PROVIDE AIR GAP AT END OF DRAIN TO FLOOR SINK. HEAT TRACE TO BE N VENT 5X11-CR, 0.075A/FT (OR APPROVED EQUAL). PROVIDE WITH NVENT AMC-1A THERMOSTAT WITH THERMOSTAT SENSING BULB MOUNTED UNDER THE PIPE INSULATION. COORDINATE INSTALLATION WITH ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR TO PROVIDE GROUND FAULT CIRCUIT BREAKER.
- REFRIGERATION PIPING PIT. SEE STRUCTURAL DETAIL ON SHEET S430 AND ARCHITECTURAL DETAILS ON SHEET A431 FOR PIT REQUIREMENTS.
- DRAIN PIPING FROM THE COMBI OVEN/STEAMER TO BE PROVIDED BY P.C. SEE DETAIL 7/P431.
- 6" PVC CONDUIT BELOW SLAB FOR REFRIGERATION PIPING.
- 1/2" INDIRECT DRAIN FROM YOGURT MACHINES TO FLOOR SINK WITH AIR GAP.
- 1 1/4" COOLER CONDENSATE DOWN ALONG COOLER WALL TO HUB DRAIN WITH REQUIRED AIR GAP.
- ROUTE 1/2" INDIRECT DRAIN FROM NON-FREEZE ROOF HYDRANT TO MOP SINK WITH REQUIRED AIR GAP.
- INDIRECT DRAIN LINES FROM BEAN TO CUP COFFEE MACHINE TO BE CPVC & ROUTED TO FLOOR SINK WITH AIR GAP.
- 3/4" COOLER CONDENSATE DOWN ALONG WALL TO HUB DRAIN WITH AIR GAP.
- RAISE FCO TO BE FLUSH WITH RAISED CASH WRAP PLATFORM. SEE ARCH SHEETS.
- ROUTE COOLER CONDENSATE AS HIGH AS POSSIBLE ABOVE DOORS ALONG COOLER WALL. CONDENSATE DRAIN SHALL HAVE 1/4" SLOPE PER FOOT. COORDINATE WITH ALL OTHER TRADES TO AVOID CONFLICTS PRIOR TO INSTALLATION.

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GA. CORPORATE NO. PEF002734
EXPIRES 6/30/2022

PROJECT MANAGER:

AH

CHECKED BY:

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JB

ISSUE/REVISION RECORD

DATE	DESCRIPTION
12/03/20	PERMIT SET
11/22/21	REV 1 CODE COMMENTS
05/16/22	REFRESH 2021-05

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(770) 431-7600

PROJECT NAME

ANVIL BLOCK,
GA

ELLENWOOD
GA, 30294
4443 OLD DUNN COURT

RACETRAC STORE NUMBER

1478

PROTOTYPE SERIES

2021 LH M0 0507

PLAN MODIFICATION NOTICE

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PROFESSIONAL SEAL



PROJECT NUMBER

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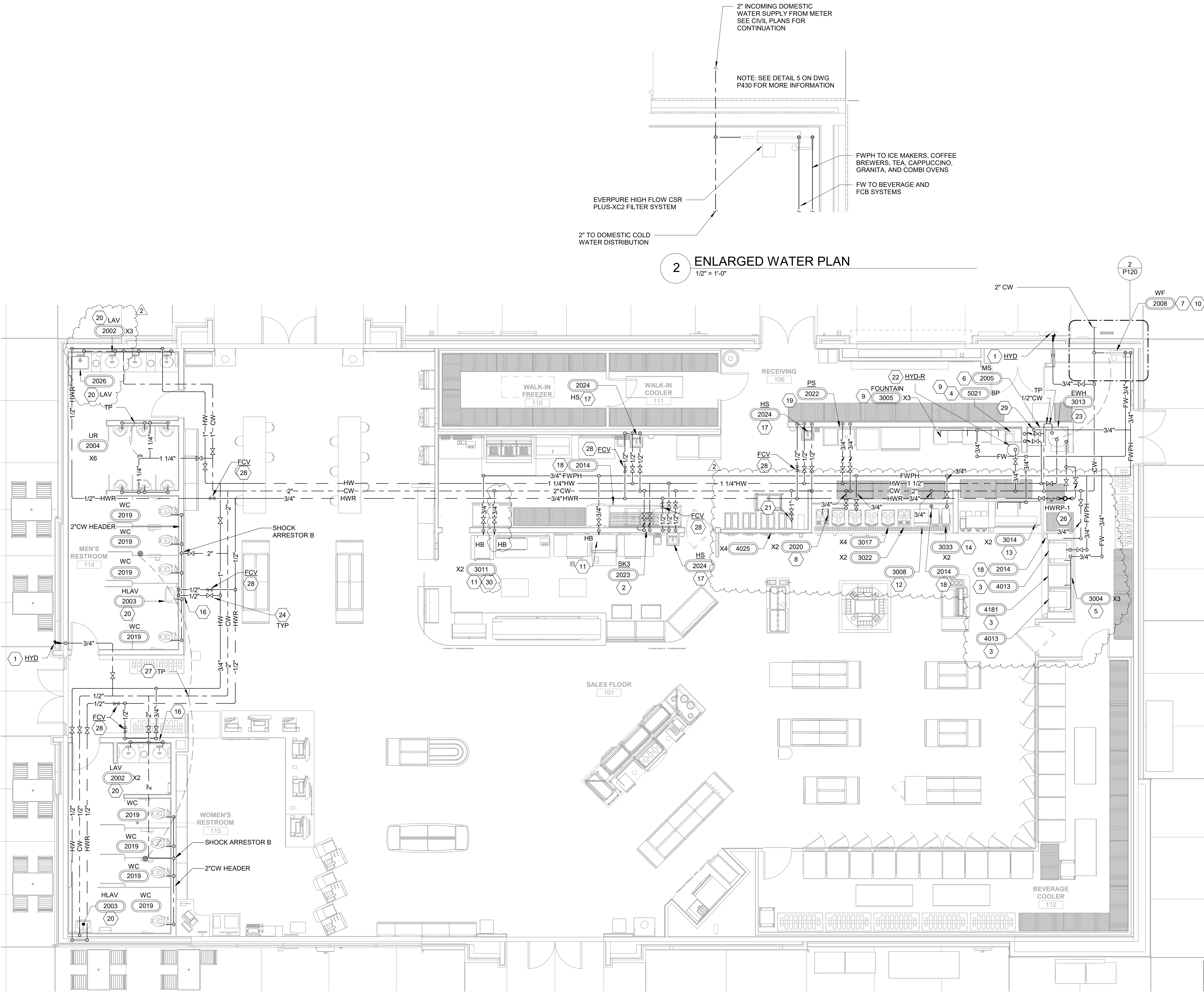
SHEET TITLE

SANITARY PLAN

SHEET NUMBER

P110

INCORPORATED SPB - 2021_0502; 2021_0504; 2021_0506



1 DOMESTIC WATER PLAN
3/16" = 1'-0"

2 ENLARGED WATER PLAN
1/2" = 1'-0"

GENERAL NOTES

- REFER TO DOMESTIC WATER ISOMETRIC, SHEET P410 FOR WATER LINE PIPE SIZES.
- CONTRACTOR TO COORDINATE 2" DOMESTIC WATER SERVICE TO BUILDING WITH CIVIL/SITE CONTRACTOR. VERIFY ADEQUATE WATER PRESSURE IS AVAILABLE AT EXISTING PUBLIC WATER MAIN FOR THE BUILDING SYSTEM.
- PROVIDE WATER LINES SIZED TO MEET THE PLUMBING FIXTURES AND EQUIPMENT CONNECTION SIZES, UNLESS NOTED OTHERWISE.
- DOMESTIC WATER METERS PROPOSED TO BE IN PVC METER PITS EXTERNAL FROM THE BUILDING. COORDINATE LOCATION WITH CIVIL/SITE CONTRACTOR.

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05/16/22	REFRESH 2021-05

SHEET KEYNOTES

- 3/4" CW LINE DOWN IN WALL TO NON-FREEZE HYDRANT.
- PROVIDE 3/4" CW AND HW TO 3-COMPARTMENT SINK FAUCET. SEE 3/P430.
- 3/4" FILTERED/PHOSPHATE FED WATER TO ICE MACHINES. PIPING ROUTED OVERHEAD AND TERMINATE WITH BALL VALVE. G.C. TO TAG VALVE. CONNECTION TO EQUIPMENT BY OTHERS. PROVIDE WITH BACKFLOW PREVENTER BFP-1.
- 3/4" FILTERED CW TO WATER BOOSTER.
- 3/4" FILTERED CW TO SODA BEVERAGE EQUIPMENT WITH STAINLESS STEEL BACKFLOW PREVENTER. TERMINATE WITH BALL VALVE. CONNECTION TO EQUIPMENT BY OTHERS. PROVIDE WITH BACKFLOW PREVENTER BFP-1.
- PROVIDE 1/2" CW AND HW. CONNECT TO MOP SINK FAUCET.
- MOUNT WATER FILTERS ON WALL ABOVE BACKFLOW PREVENTER. REFER TO DETAIL 5/P430.
- PROVIDE 3/4" CW DOWN IN WALL AND CONNECT TO BEAN TO CUP WATER FILTER IN CASEWORK. ROUTE 3/8" FILTERED CW FROM FILTER TO BEAN TO CUP COFFEE MACHINE. PROVIDE WITH APPROVED BACKFLOW PREVENTER AND BALL VALVE. MAXIMUM OF 3 BEAN TO CUP COFFEE MACHINES PER FILTER.
- 3/8" FILTERED CW FROM WATER BOOSTER TO FOUNTAIN EQUIPMENT.
- MOUNT SCALE STICK (PHOSPHATE FEEDER) TO WALL ABOVE BACK FLOW PREVENTER. REFER TO 5/P430.
- 3/4" FILTERED/PHOSPHATE FED WATER TO HOSE BIBB AT 12" AFF AND 48" AFF FOR COMBI-OVEN STEAMERS. PROVIDE WITH BACKFLOW PREVENTER BFP-1.
- FWPH WATER SUPPLY TUBING FROM SHUTOFF AT 48" A.F.F. TO COFFEE MAKERS/HOT CAPPUCCINO SHALL BE FLEX NYLON BRAIDED FLEX TUBING AND SHALL BE NSF APPROVED. INSTALL SHUT-OFF VALVE AT EACH BEVERAGE UNIT. PROVIDE WITH BACKFLOW PREVENTER BFP-1.
- 3/4" FILTERED CW TO FCB AT 48" AFF. PIPING ROUTED OVERHEAD AND TERMINATE WITH BALL VALVE. GC TO TAG VALVE. CONNECTION TO EQUIPMENT BY OTHERS. PROVIDE WITH BACKFLOW PREVENTER BFP-1.
- 3/4" FILTERED/PHOSPHATE CW TO TEA BREWER AT 48" AFF. PIPING ROUTED OVERHEAD. GC TO INSTALL AND TAG SHUTOFF VALVE VISIBLE IN BACK ROOM. GC TO CONNECT TO ALL BEVERAGE EQUIPMENT. PROVIDE WITH BACKFLOW PREVENTER BFP-1.
- CW AND HW DOWN IN WALL TO PLUMBING FIXTURES.
- PROVIDE 1/2" CW AND HW DOWN IN WALL TO HAND SINK AND MIXING VALVE MV-1.
- PROVIDE 3/4" CW DOWN TO HOSE REEL.
- PROVIDE 3/4" CW AND HW DOWN IN WALL TO 1-COMPARTMENT SINK FAUCET.
- PROVIDE CW AND HW IN WALL TO LAV SINK FAUCET FURNISHED WITH MIXING VALVE. HOT WATER CONNECTION TO LAVATORY SHALL BE A MAX. 2'-0" FROM HOT WATER MAIN.
- NEW 1" CW TO GLYCOL CHILLER MANIFOLD SYSTEM.
- ROUTE 3/4" CW UP TO ROOF AND CONNECT TO NON-FREEZE ROOF HYDRANT. SEE 6/P430.
- CW AND HW DOWN TO WATER HEATER. SEE DETAILS 1/P430, 2/P430, & 4/P430.
- LOCATE ISOLATION VALVES APPROXIMATELY 11'-8" AFF AS SHOWN ON DRAWINGS TO ALLOW ACCESS AND SERVICE.
- CONTRACTOR SHALL PROVIDE CONTROLS TO ACTIVATE PUMP WHEN HOT WATER RETURN LINE REACHES 100°F AND SHUT-OFF 120°F.
- LOCATE (1) ONE TRAP PRIMER WITH 1/2" CW AND SHUTOFF VALVE ABOVE CEILING BETWEEN RESTROOMS. PROVIDE 1/2" CW FROM TRAP PRIMER TO FLOOR DRAINS IN RESTROOMS. COORDINATE WITH ELECTRICAL.
- LOCATE 0.33 GPM AUTOMATIC FLOW CONTROL VALVE APPROXIMATELY 11'-8" AFF AS SHOWN ON PLANS TO ALLOW ACCESS AND SERVICE. SEE 6/P431.
- 3/4" FILTERED/PHOSPHATE FED WATER TO SURGE TANK
- 3/4" CW/FW LINE FED TO HOSE BIBB AT 12" AFF AND 48" AFF FOR COMBI-OVEN STEAMERS. PROVIDE WITH BACKFLOW PREVENTER BFP-1.

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PROJECT NAME

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GA

ELLENWOOD
GA, 30294
4443 OLD DUNN COURT

RACETRAC STORE NUMBER

1478

PROTOTYPE SERIES

2021 LH M0 0507

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PROFESSIONAL SEAL



PROJECT NUMBER

63200243

SHEET TITLE

DOMESTIC WATER
PLAN

SHEET NUMBER

P120

INCORPORATED SPB - 2021_0502; 2021_0504; 2021_0506

DESIGN PROFESSIONALS

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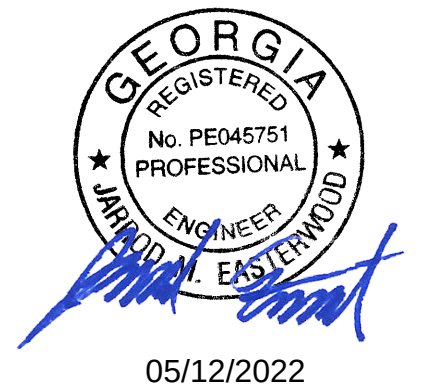
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2021 LH MQ 0507

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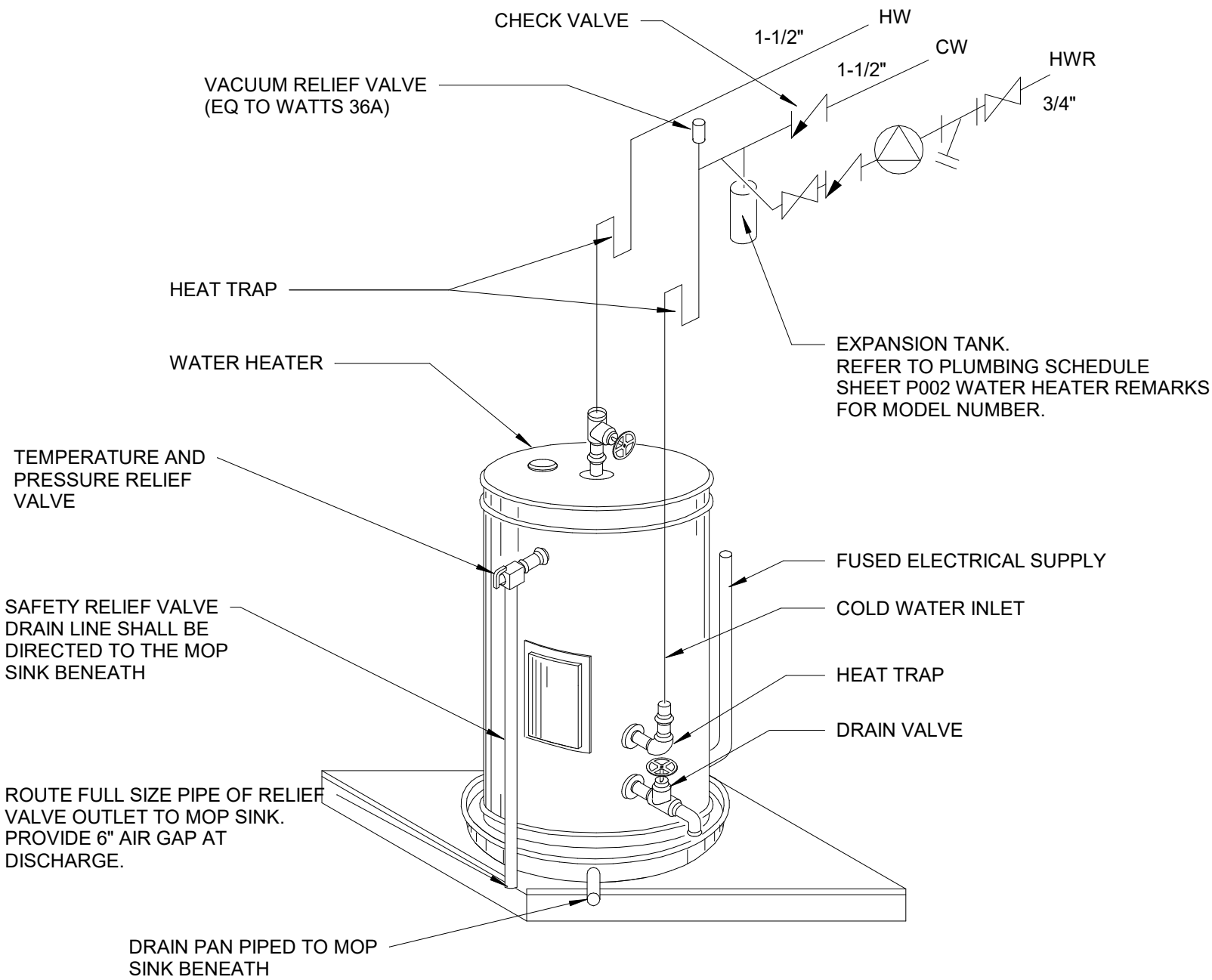
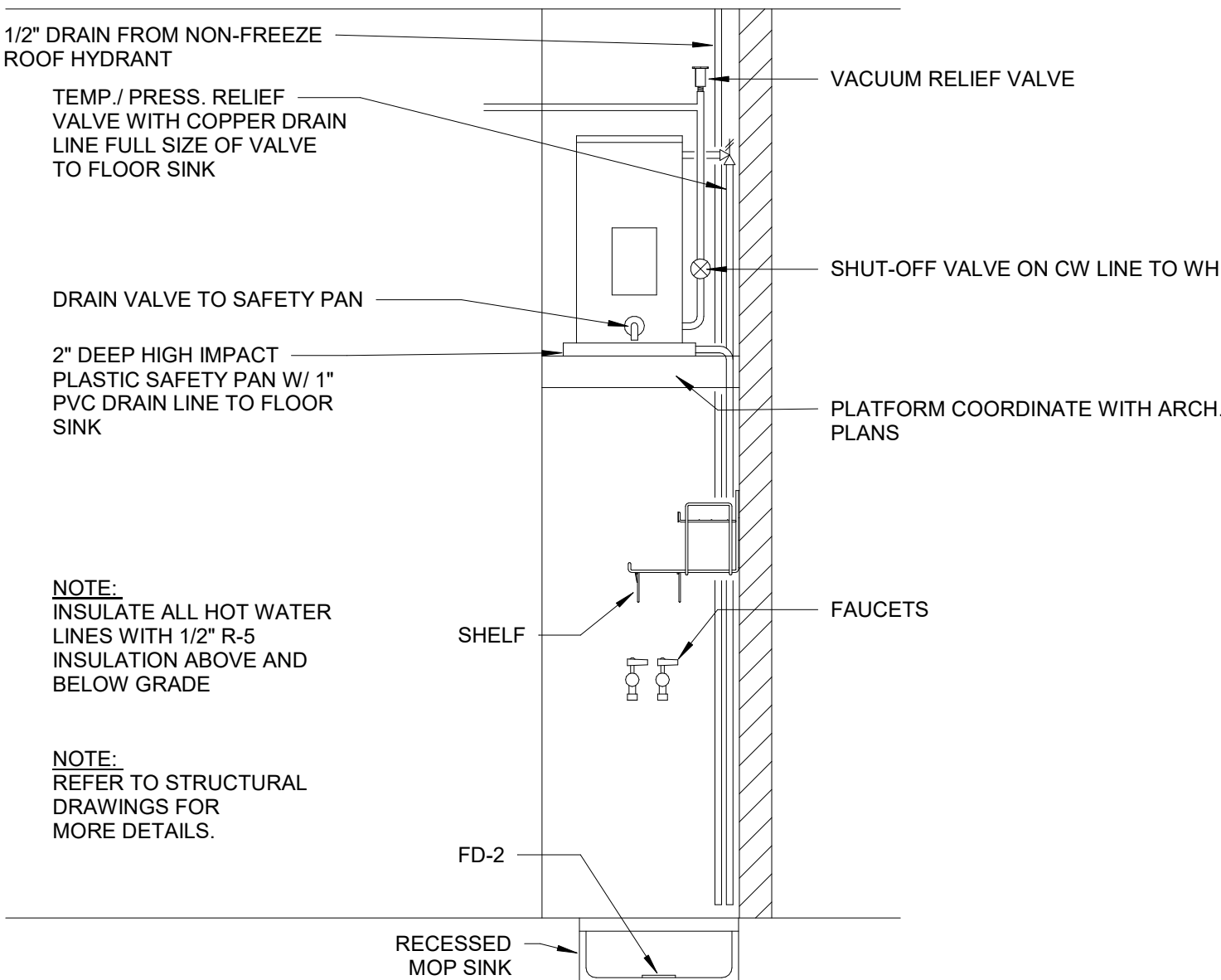
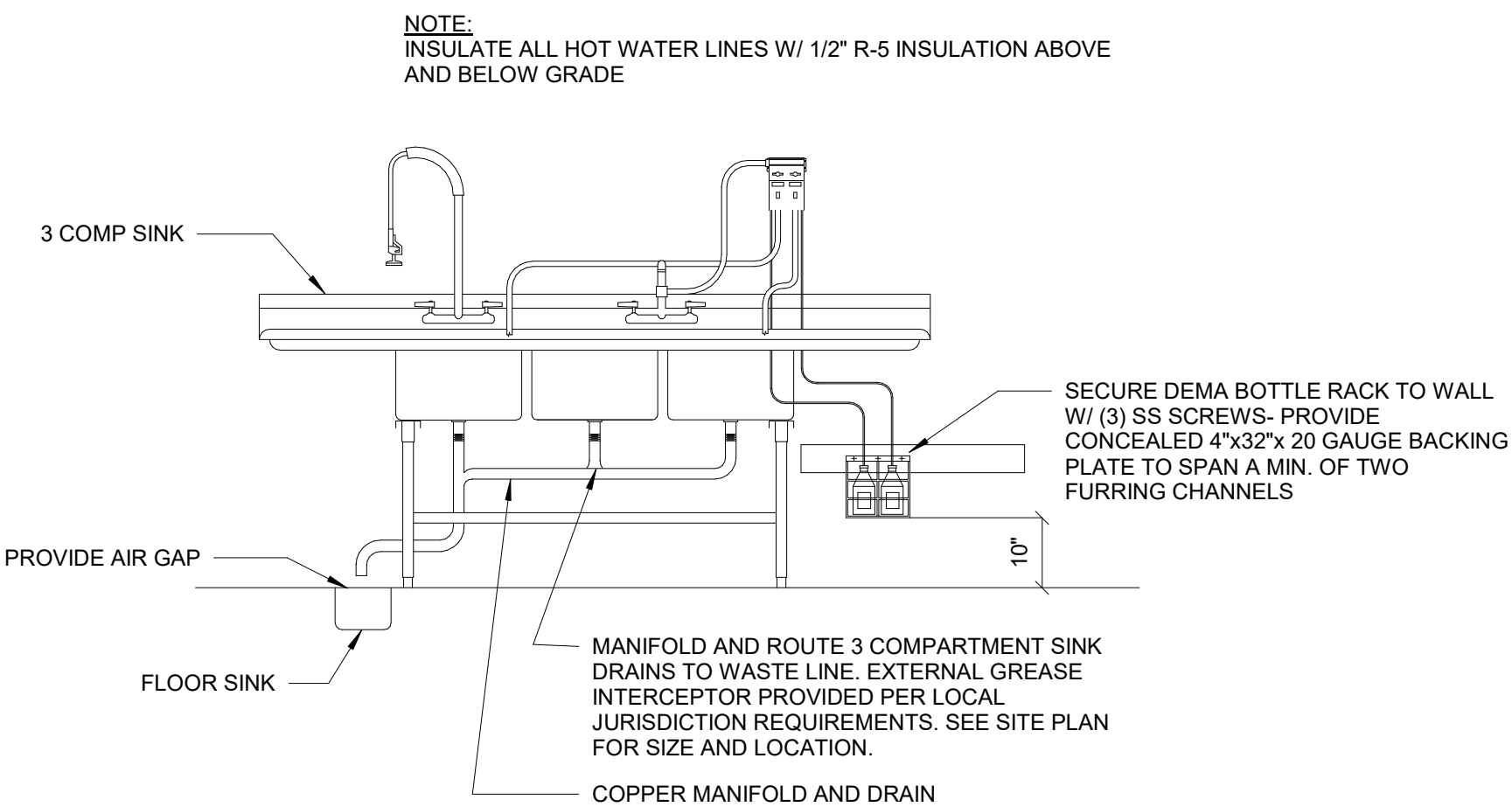
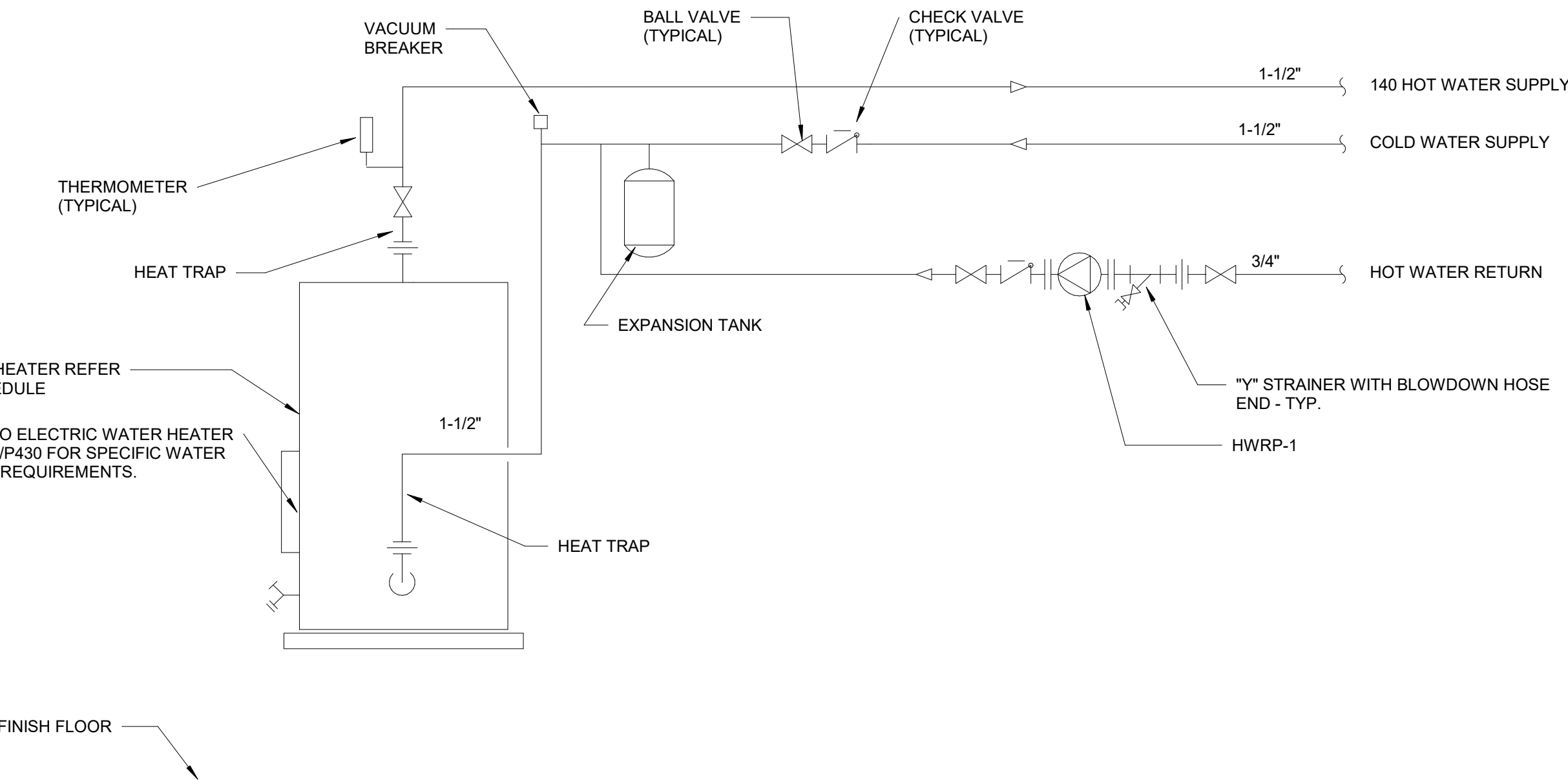
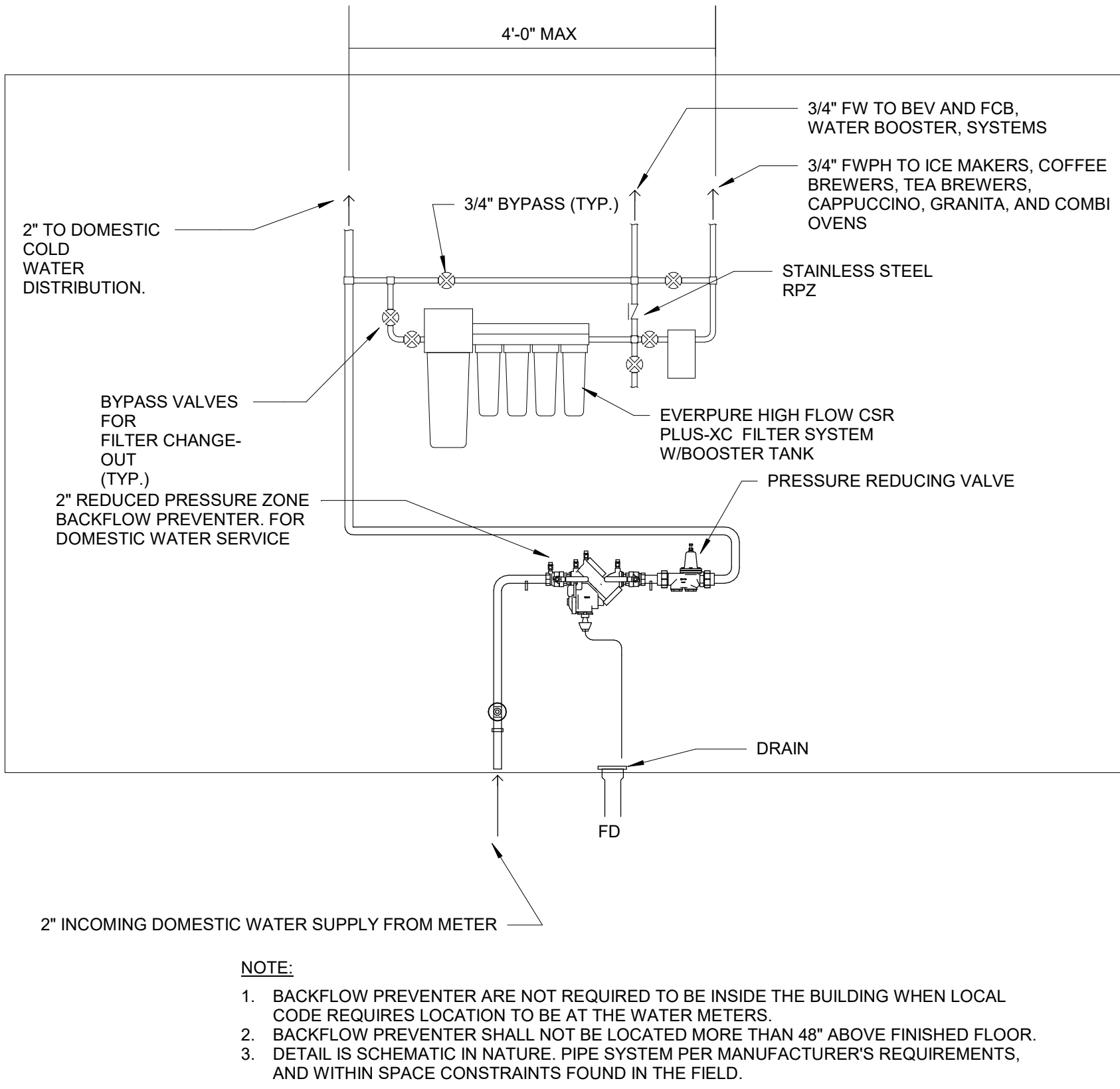
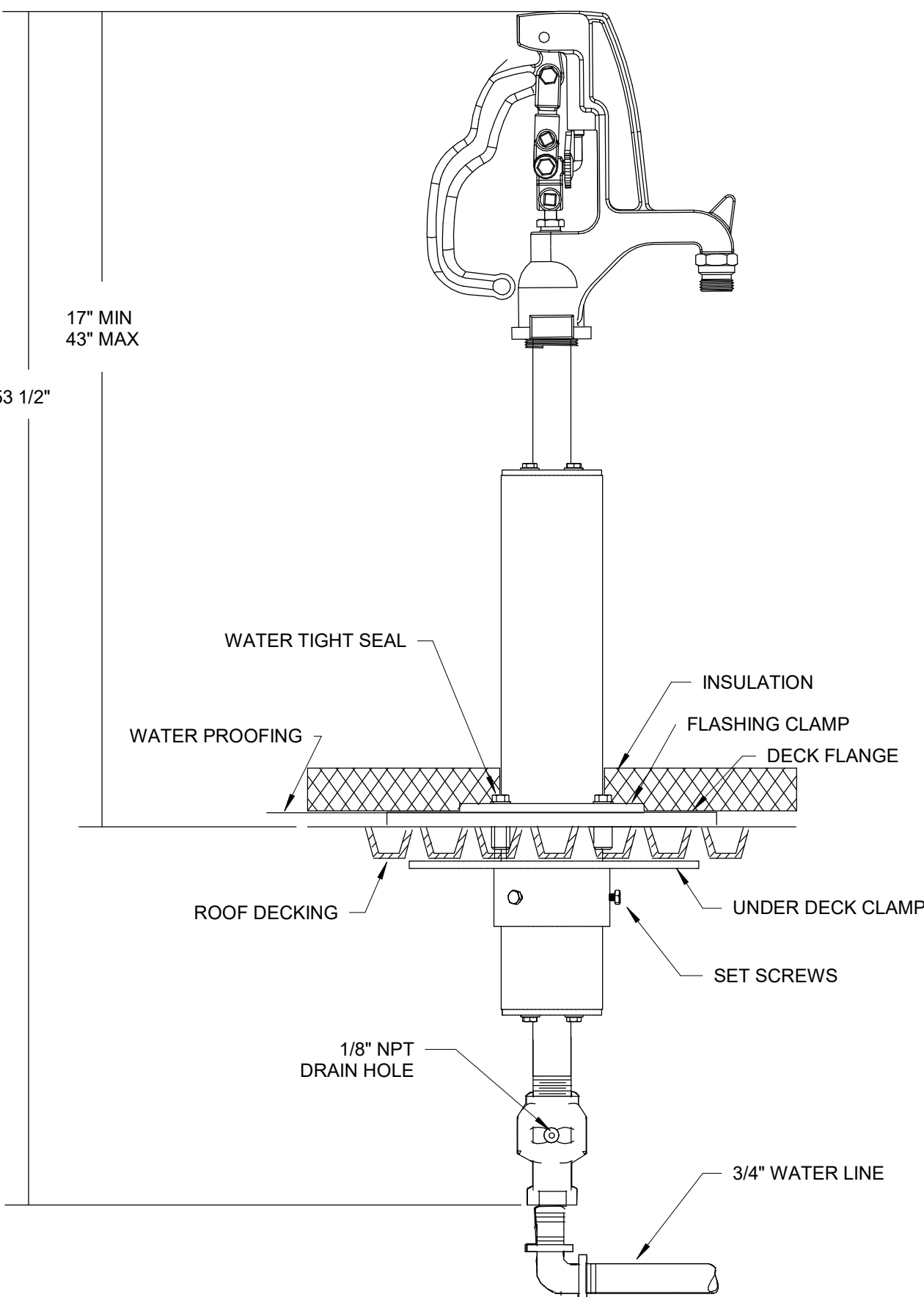
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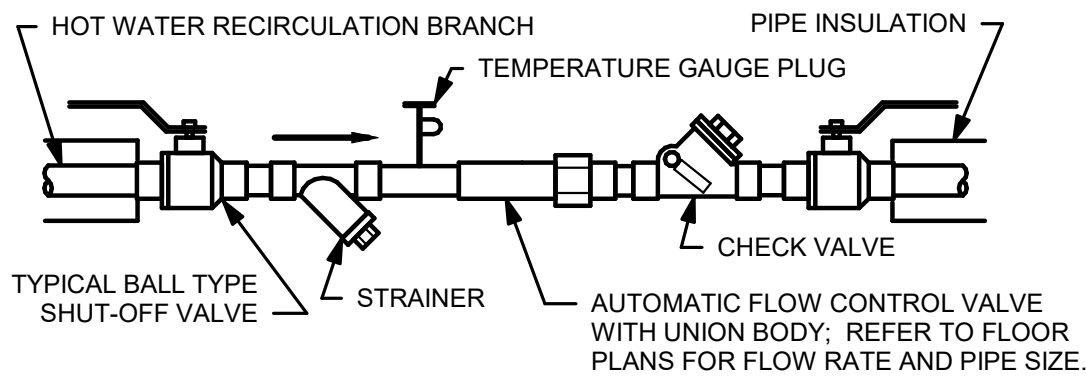
SHEET TITLE
PLUMBING DETAILS

SHEET NUMBER

P430

INCORPORATED SPB - 2021_0506

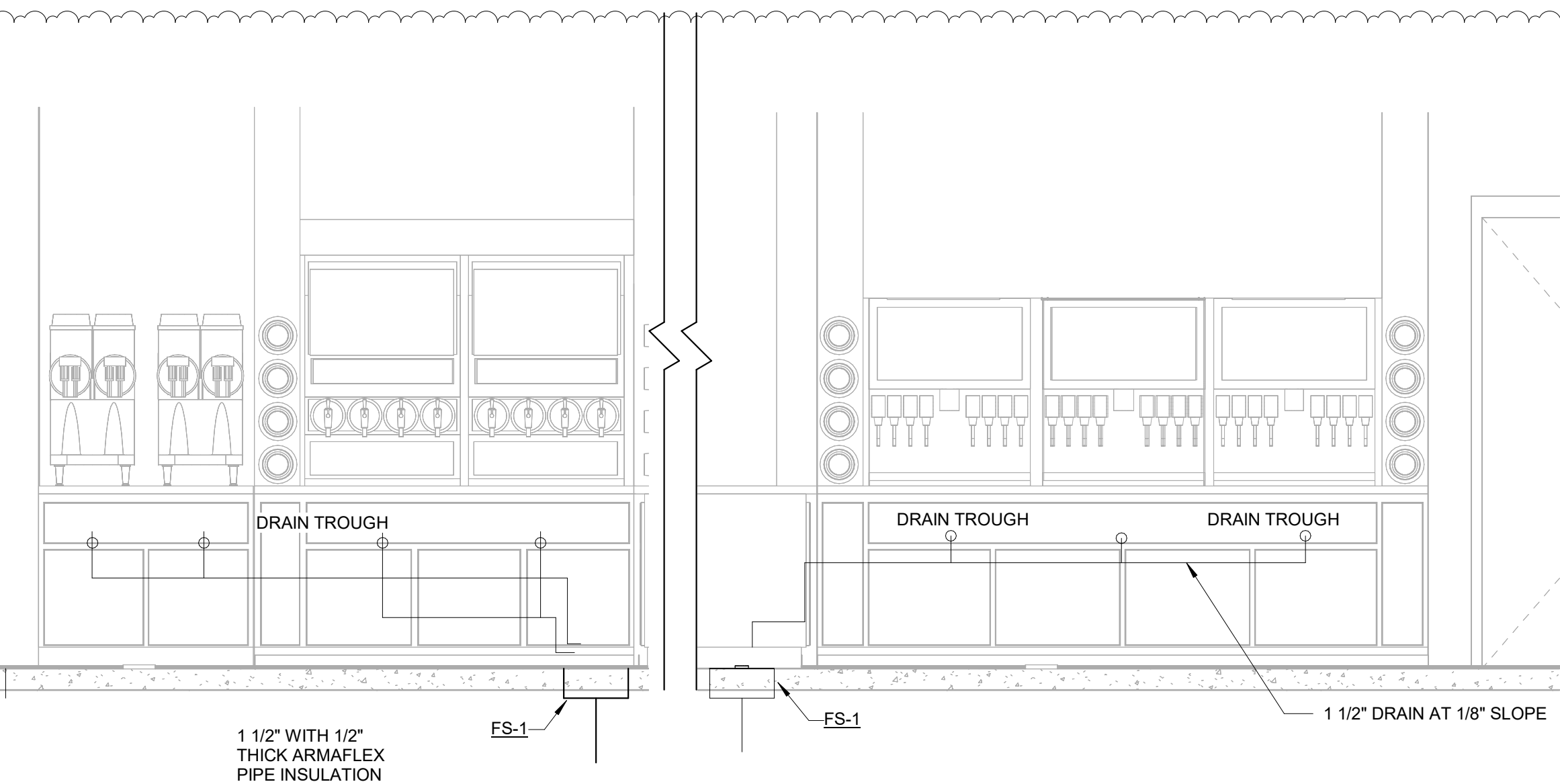




REFER TO SPECIFICATIONS, SCHEDULES, AND NOTES FOR MORE INFORMATION. MAKE CONNECTIONS AND PROVIDE INSTALLATION PER MANUFACTURER'S RECOMMENDATIONS. ARRANGEMENT SHOWN IS SCHEMATIC. PROVIDE REDUCERS AND ADAPTERS AS REQUIRED.

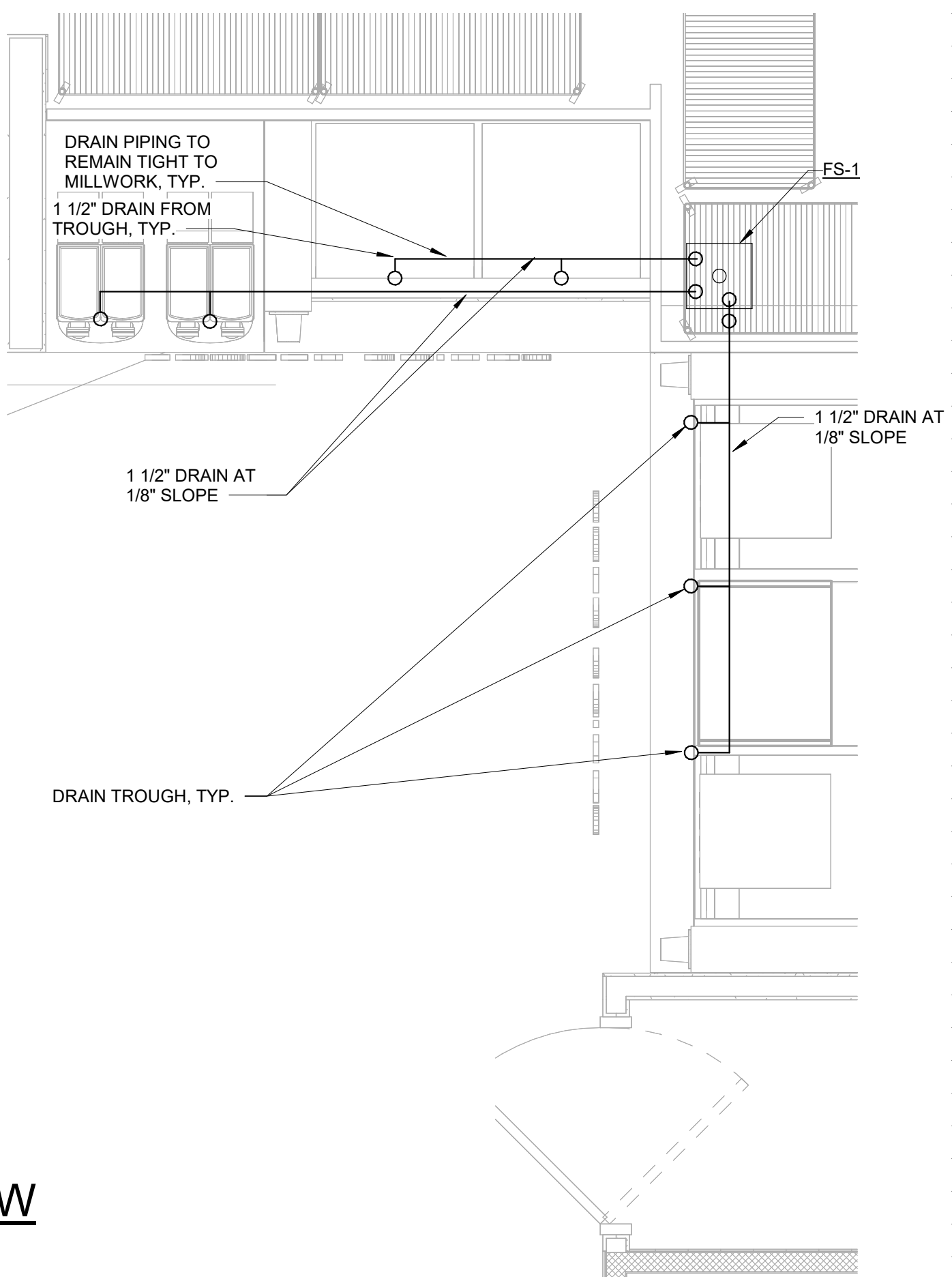
8 AUTOMATIC FLOW CONTROL VALVE TRAIN

N.T.S.



ELEVATION

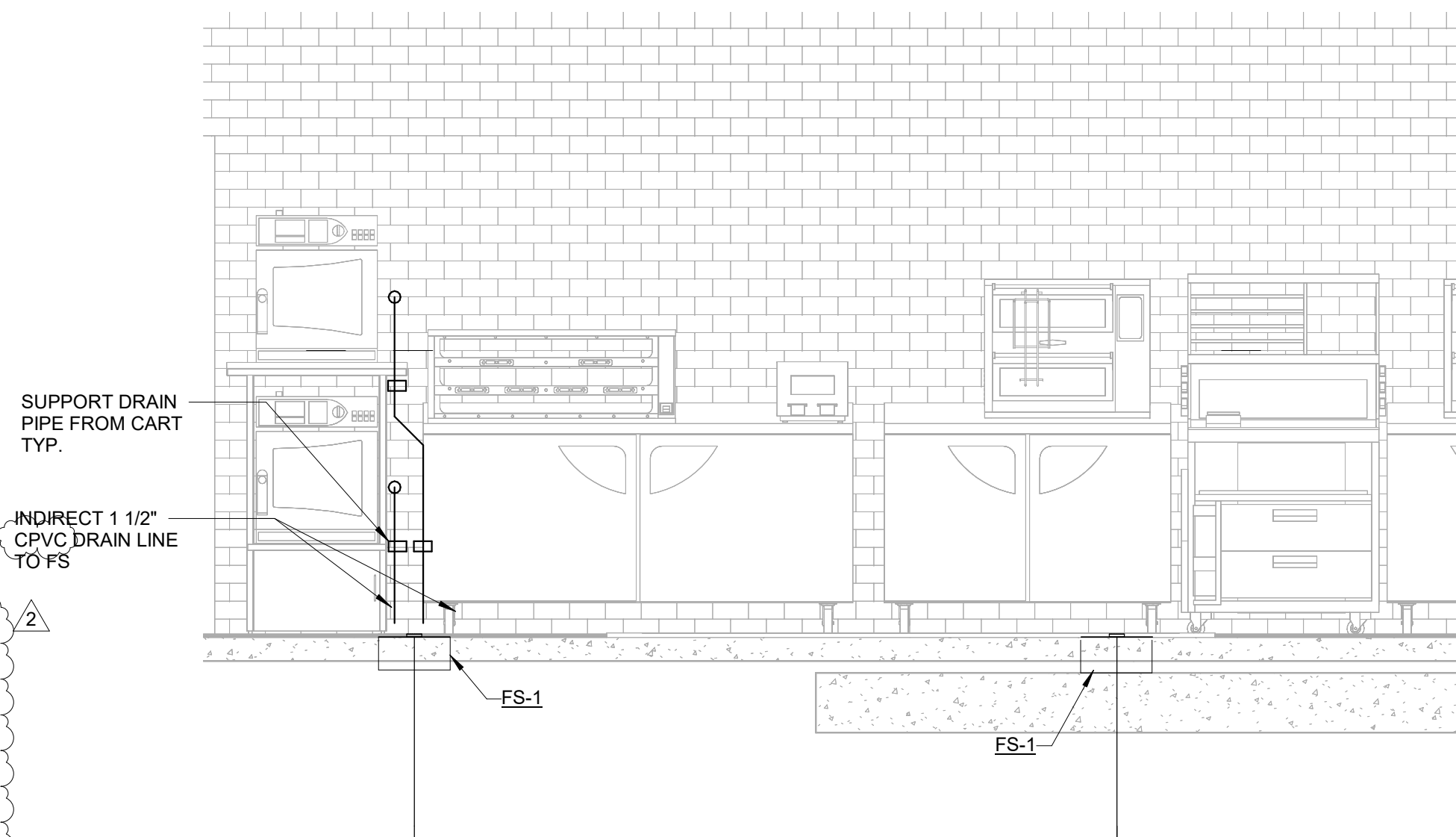
SIDE ELEVATION



PLAN VIEW

3 CABINETRY TROUGH DRAIN DETAIL

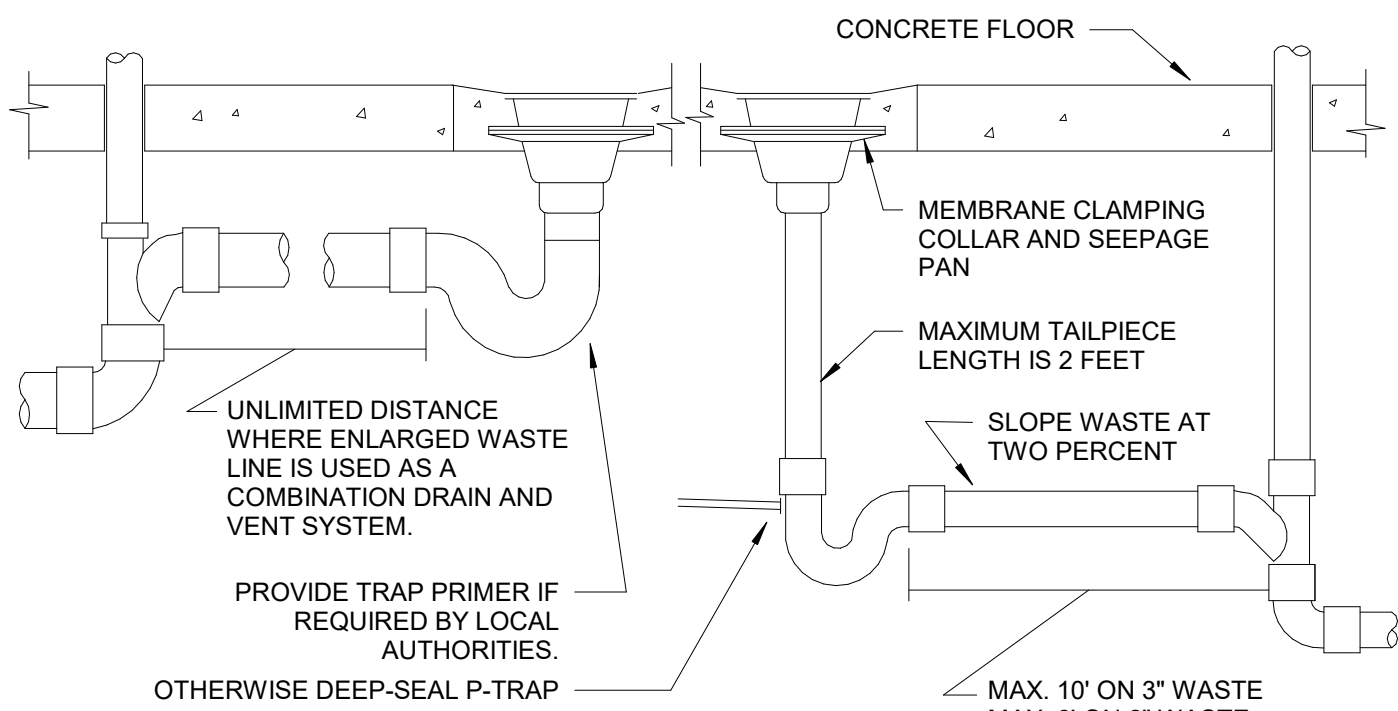
N.T.S.



7 OVEN-STEAMER DRAIN DETAIL

N.T.S.

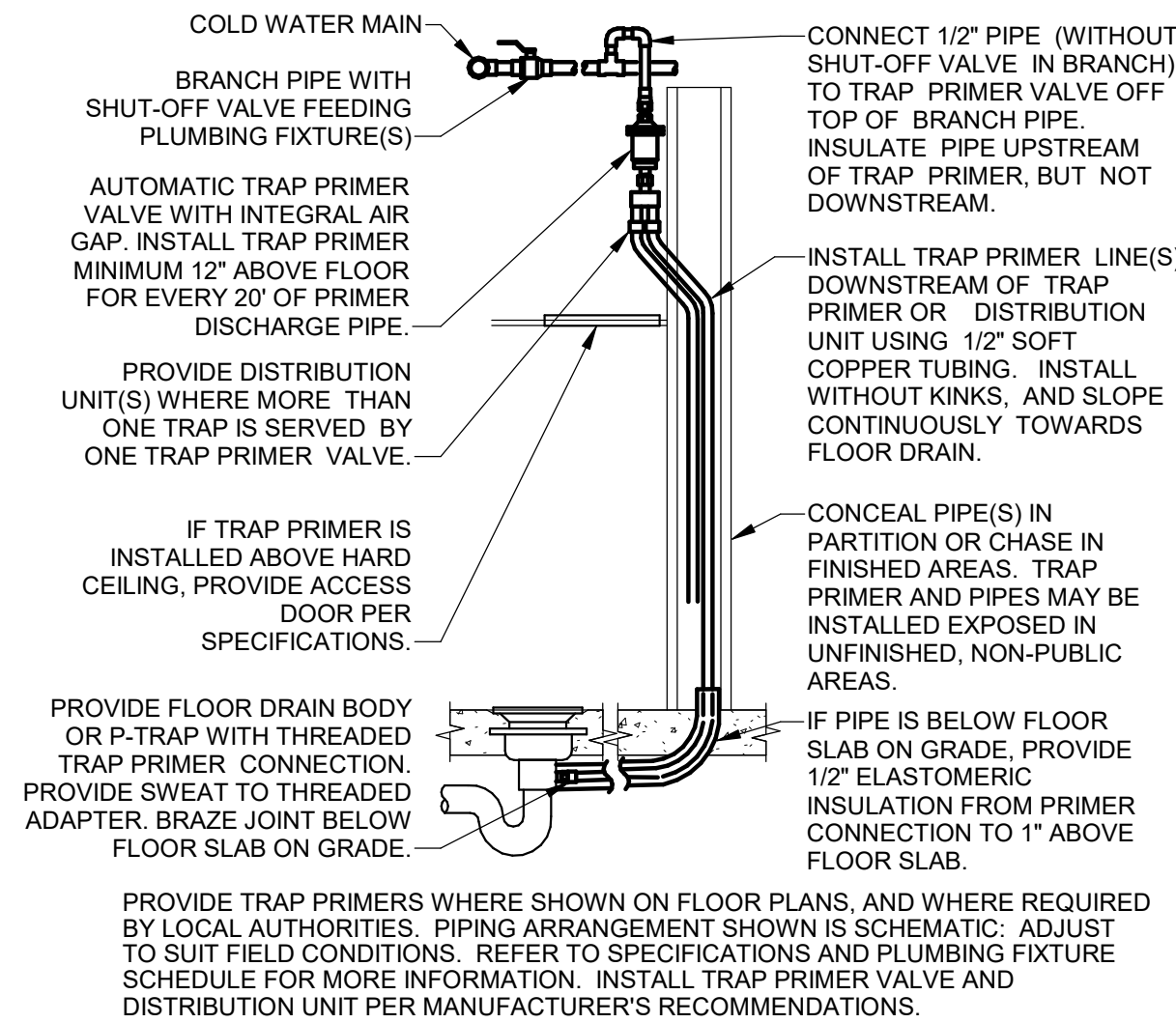
PROVIDE AN INDIVIDUAL VENT ON ALL FLOOR DRAINS. INSTALL VENT IN PARTITION OR CHASE WHERE SHOWN ON PLAN. HORIZONTAL VENT BELOW FLOOR IS NOT PERMITTED. OTHER VENTING METHODS MAY BE USED IF APPROVED BY LOCAL CODE.



5 FLOOR DRAIN DETAIL

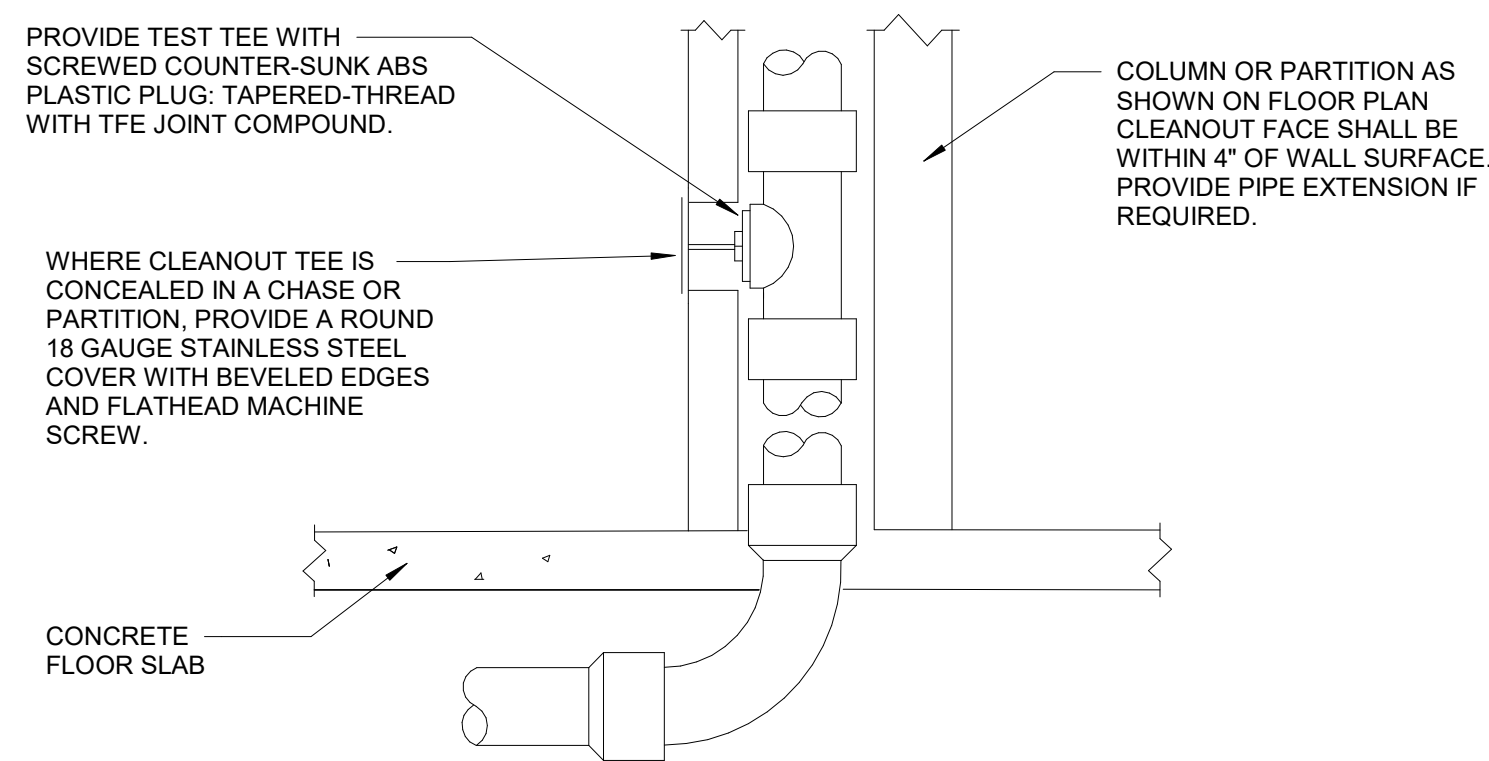
N.T.S.

LOCATE FLOOR DRAINS WHERE SHOWN ON DIMENSIONED ARCHITECTURAL PLAN. IF FLOOR STRUCTURE INTERFERES WITH FLOOR DRAIN, MOVE SIDeways IF POSSIBLE. OTHERWISE MOVE BACK. ALWAYS LOCATE WHERE EASILY ACCESSIBLE, BUT NOT IN FOOT TRAFFIC. IF SITUATION IS FLOOR SLAB ON GRADE, PROVIDE BACKFILL PER SPECIFICATIONS. IF CONCRETE FLOOR IS NOT EXISTING, SET DRAIN IN PLACE AND POUR AROUND IT. IF CONCRETE FLOOR IS EXISTING, SAW CUT OR CORE DRILL IT. SET DRAIN BODY IN PLACE AND POUR AROUND IT. RECESS TOP OF FLOOR DRAIN 1/2\"/>



2 TRAP PRIMER OVERHEAD

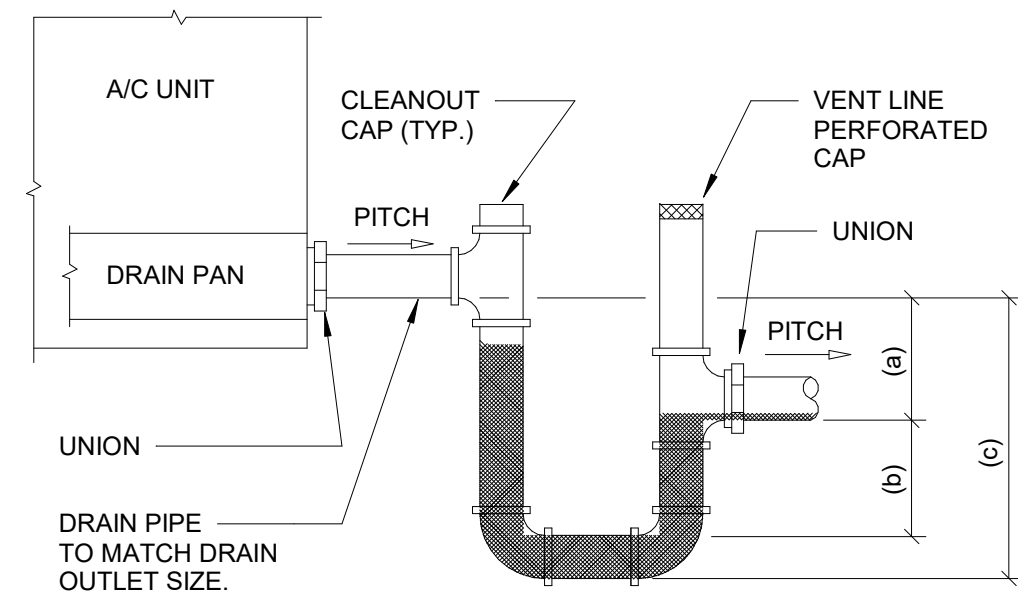
N.T.S.



NOTE: PROVIDE WCO WHERE SHOWN ON PLAN, AND ON SANITARY WASTE BRANCHES NOT SERVED WITH A FLOOR CLEANOUT. LOCATE ABOVE FIXTURE FLOOD RIM WITHIN 4\"/>

6 WALL CLEANOUT DETAIL

N.T.S.



NOTES:
1. ALLOW SUFFICIENT SPACE BELOW DRAIN PAN FOR TRAP
2. PITCH DRAIN FOR PROPER RUNOFF
3. MANUALLY PRIME FILL TRAP BEFORE START-UP TO FORM INITIAL DRAIN SEAL
4. SUPPORT LENGTHY DRAIN LINES TO PREVENT SAG AND CONDENSATE OVERFLOW.

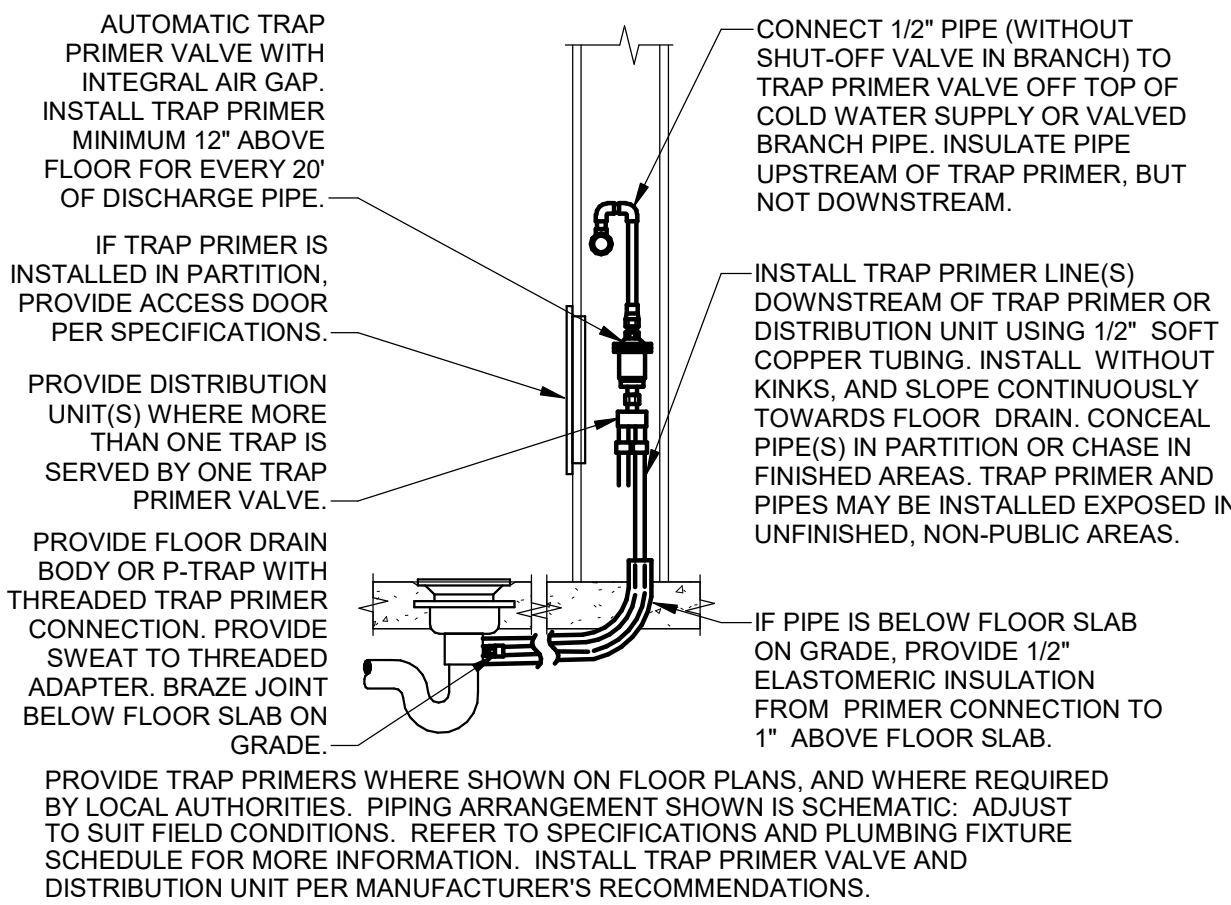
(a) THIS DIMENSION IN INCHES MUST BE EQUAL TO THE MAXIMUM FAN SUCTION (NEGATIVE) STATIC PRESSURE IN INCHES WG (WITH DIRTY FILTERS, COILS, AND MAXIMUM AIR FLOW) + 1\"/>

(b) THIS DIMENSION IN INCHES MUST BE EQUAL TO MIN. 1/2 OF THE (a) ABOVE

(c) EQUALS (a) + (b) + PIPE DIA. + INSULATION

4 DRAW THRU UNIT CONDENSATE TRAP

N.T.S.



1 TRAP PRIMER IN/ON WALL

N.T.S.

INCORPORATED SPB - 2021_0502; 2021_0504

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PROJECT NUMBER

63200243

SHEET TITLE

PLUMBING DETAILS

SHEET NUMBER

P431