



PLUMBING LEGEND

SYMBOL	ABBREVIATION	DESCRIPTION
	CO, WCO, FCO	CLEANOUT, WALL CLEANOUT, FLOOR CLEANOUT
	COTG	CLEANOUT TO GRADE
	S OR W	SOIL OR WASTE ABOVE GRADE OR FLOOR
	S OR W	SOIL OR WASTE BELOW GRADE OR FLOOR
	D	INDIRECT DRAIN
	V	VENT
	CW	COLD WATER
	HW	HOT WATER
	G	GAS PIPING
	F	FIRE PIPING
	SPR	SPRINKLER PIPING
	BV	BALL VALVE
	GV, SOV	GATE VALVE, SHUT-OFF VALVE
	PRV	PRESSURE REDUCING VALVE
		DIRECTION OF FLOW
	WHA	WATER HAMMER ARRESTOR
	TP	TRAP PRIMER
	FD	FLOOR DRAIN
	POC	POINT OF CONNECTION
		PIPE RISING UP
		PIPE DROPPING DOWN
		FIRE SPRINKLER RISER
	WFU	WATER FIXTURE UNIT
	DFU	DRAINAGE FIXTURE UNIT
	WFM	WATER FLOW METER
	GFM	GAS FLOW METER

EQUIPMENT INDICATOR

IDENTIFIER	OWNER PRODUCT CODE	OWNER PRODUCT CODE W/ IDENTIFIER
	WH-1	WH-1
	XXXXXXX	XXXXXXX
	XXXXXXX	XXXXXXX

PLUMBING FIXTURE SCHEDULE

EQUIPMENT INDICATOR	OWNER PRODUCT CODE	FIXTURE	ROUGH-IN SERVICES				MANUFACTURER	MODEL	FAUCET MANUFACTURER	FAUCET MODEL	FLOW RATE	ACCESSORIES	REMARKS
			COLD WATER	HOT WATER	WASTE	VENT							
P.EQ.FD.01		FLOOR DRAIN			3"	1 1/2"	ZURN	2541585, 3" BOTTOM OUTLET W/ 6" ROUND STRAINER				TRAP PRIMER CONNECTION	
P.F.DF.01		DRINKING FOUNTAIN	1/2"		2"	1 1/2"	HALSEY TAYLOR	HTHBWF-OVLSEBP-1					ADA COMPLIANT, HIGH/LOW FOUNTAIN W/BOTTLE FILLER
P.F.LAV.03		LAVATORY-WALL MOUNT	1/2"	1/2"	2"	1 1/2"	SLOAN	AER-DEC AD-81000	SLOAN	EFX-250	0.50 GPM		SS ANGLED ENCLOSURE, BASYS STYLE ESD 500 SOAP DISPENSER - CHROME, BASYS STYLE HAND DRYER - CHROME, FAH 653-A HOSE AND BRACKET, MUSTEE 67.2424 DURAGUARD WALL GUARDS.
P.F.SK.02	EX MS-1	MOP SINK	1/2"	1/2"	2"	1 1/2"	MUSTEE	63M-WHITE	SPEAKMAN COMMANDER	SC-8811-RCP	12.20 GPM		ADA COMPLIANT, DUAL FLUSH 0.8/1.6 GPF
P.F.WC.01		WATER CLOSET	1/2"		4"	2"	DURAVIT	2226090092					GERBERT DUOFIX CARRIER WITH SIGMA CONCEALED TANK 111.335.00.5; GERBERT SIGMA10 DUAL FLUSH HANDS-FREE ACTUATOR WITH MANUAL OVERRIDE 115.891.5N.5, BRUSHED STAINLESS STEEL; DURAVIT SLOW CLOSE OPEN FRONT SEAT 0064390000

WATER HEATER SCHEDULE

EQUIPMENT INDICATOR	OWNER PRODUCT CODE	FIXTURE	ROUGH-IN SERVICES			MANUFACTURER	MODEL	VOLTAGE	WATTS	ACCESSORIES	REMARKS
			COLD WATER	HOT WATER	INDIRECT WASTE						
-	EQ.WH.01	WATER HEATER	3/4"	3/4"	3/4"	A. O. SMITH	DEL-15	208 V	4000 W	15 GALLON TANK WITH DRAIN PLUG. PROVIDE INLET AND OUTLET HEAT TRAP FITTINGS FOR INSTALLATIONS WHERE RECIRCULATING HOT WATER SYSTEM IS NOT REQUIRED. SUPPLY WATER TEMPERATURE SET AT 140°F	SINGLE 4000 WATT ELEMENT, DUAL RATED 208V SINGLE PHASE

EXPANSION TANK SCHEDULE

EQUIPMENT INDICATOR	MANUFACTURER	MODEL	REMARKS
OWNER IDENTIFIER			
-	ET-1	AMTROL	REFER TO WATER HEATER DETAIL FOR INSTALLATION

RECIRCULATION PUMP SCHEDULE

EQUIPMENT INDICATOR	FIXTURE	HOT WATER ROUGHIN	MANUFACTURER	MODEL	ACCESSORIES	REMARKS
-	RHWP-1	RE-CIRCULATING HOT WATER PUMP	TACO	009-SF5		SET TO 0.5 GPM, TDH OF 10'-0", 120-1-60, 3250 RPM, 1/8 HP WITH 3/4" SUCTION AND DISCHARGE. PUMP CONSTRUCTION TO BE STAINLESS STEEL WITH RETURN WATER THERMOSTAT.

PLUMBING EQUIPMENT SCHEDULE

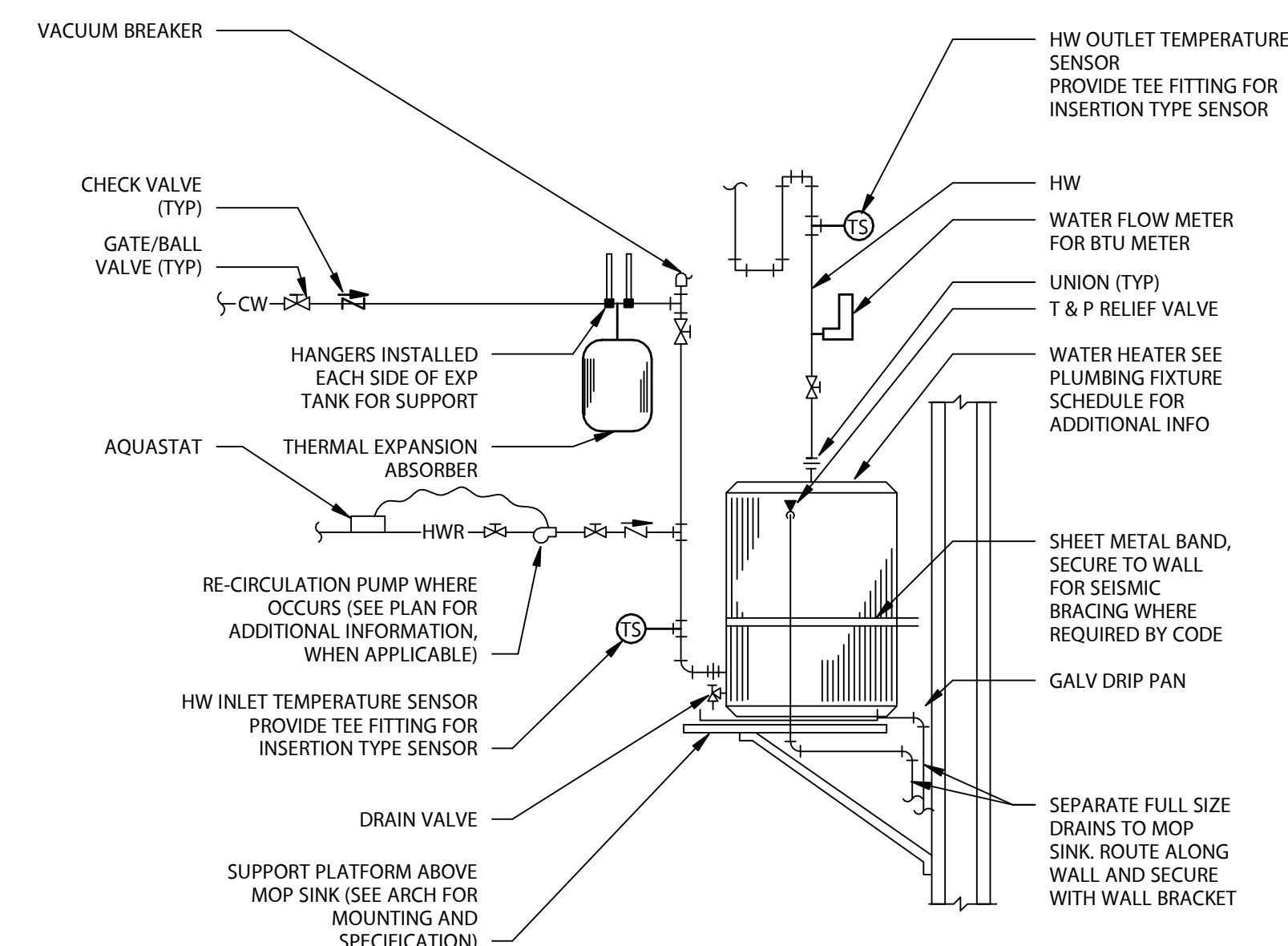
EQUIPMENT INDICATOR	OWNER PRODUCT CODE	FIXTURE	ROUGH-IN SYSTEM		MANUFACTURER	MODEL	ACCESSORIES	REMARKS
			COLD WATER	HOT WATER				
P.CTR.MTR.03		HOT WATER FLOW METER		3/4"	ONICON	F-1134		INLINE HOT WATER FLOW METER WITH 4-20 mA OUTPUT TO BTU-1
P.CTR.MTR.02		WATER FLOW METER	1 1/2"		ONICON	F-1100-10-A1-2223		DOMESTIC COLD WATER FLOW METER WITH 4-20mA OUTPUT TO BMS PANEL, NSF61
P.CTR.MTR.01		DOMESTIC HOT WATER ENERGY METER		3/4"	ONICON	SYSTEM-40 BTU METER SYSTEM		CONTROLS CONTRACTOR TO PROVIDE BACNET MSTP INTEGRATION TO BMS. INTEGRATE BTU FLOW METER WITH INSERTION TYPE TEMPERATURE SENSOR FOR FULL ENERGY MONITORING CAPABILITY, NSF61
P.EQ.ACC.02		WALL CLEANOUT			ZURN	Z1446-BP		
-	BFP-1	CHEMICAL DISPENSER BACKFLOW PREVENTER	1/2"		WATTS REGULATOR	LF-009-QT		
-	TP-1	TRAP PRIMER	1/2"		PRECISION PLUMBING PRODUCTS	P2-500, P1-500	DISTRIBUTION UNIT FOR MULTIPLE FLOOR DRAINS	1/2" COPPER TYPE "L" TO FLOOR DRAIN
-	WHA-1	WATER HAMMER ARRESTOR			SIoux CHIEF	650 SERIES		OR EQUAL

RESPONSIBILITY SCHEDULE

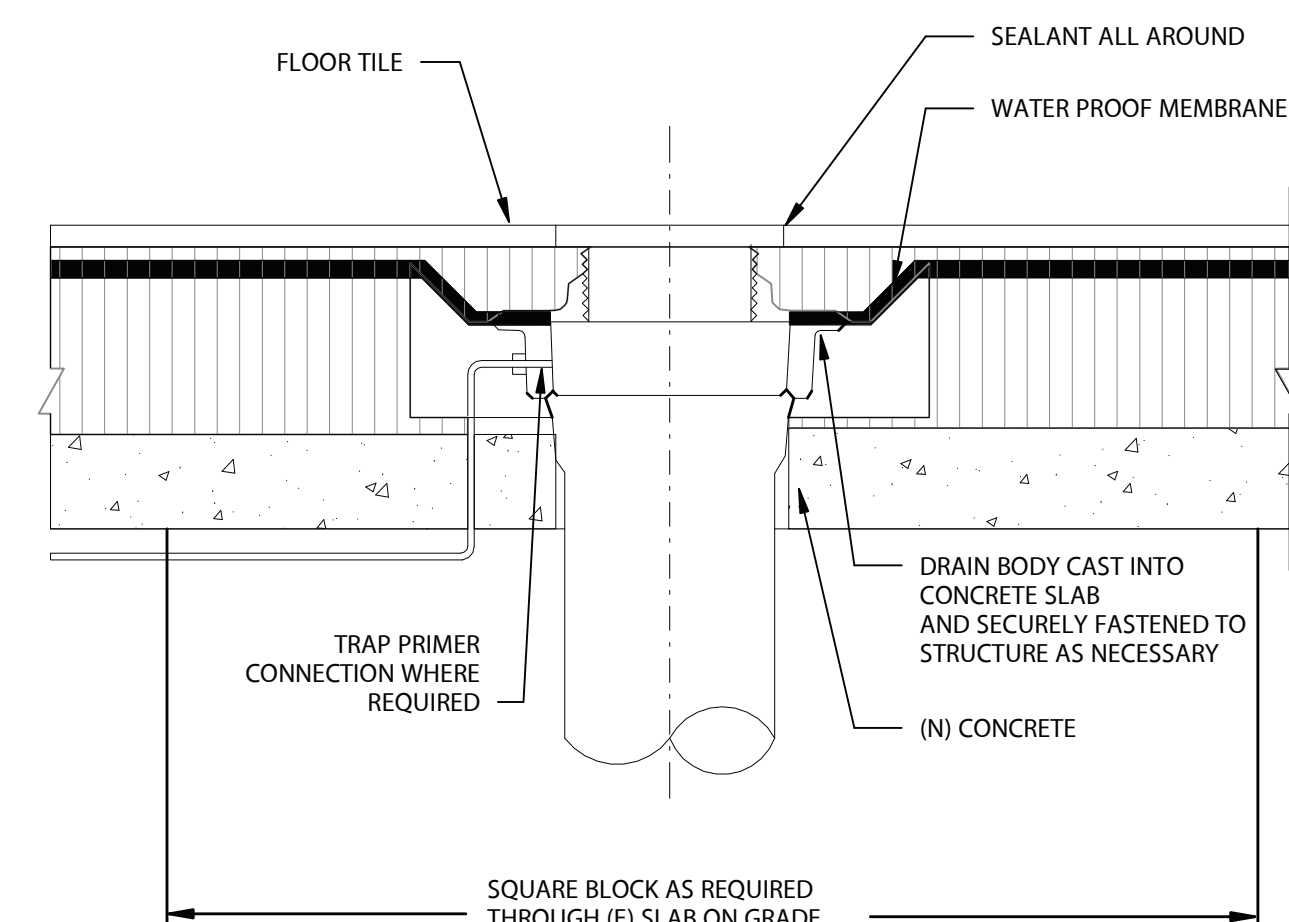
REFER TO ARCHITECTURAL SHEETS FOR COMPLETE BREAKDOWN OF PROJECT RESPONSIBILITIES

GENERAL NOTES:

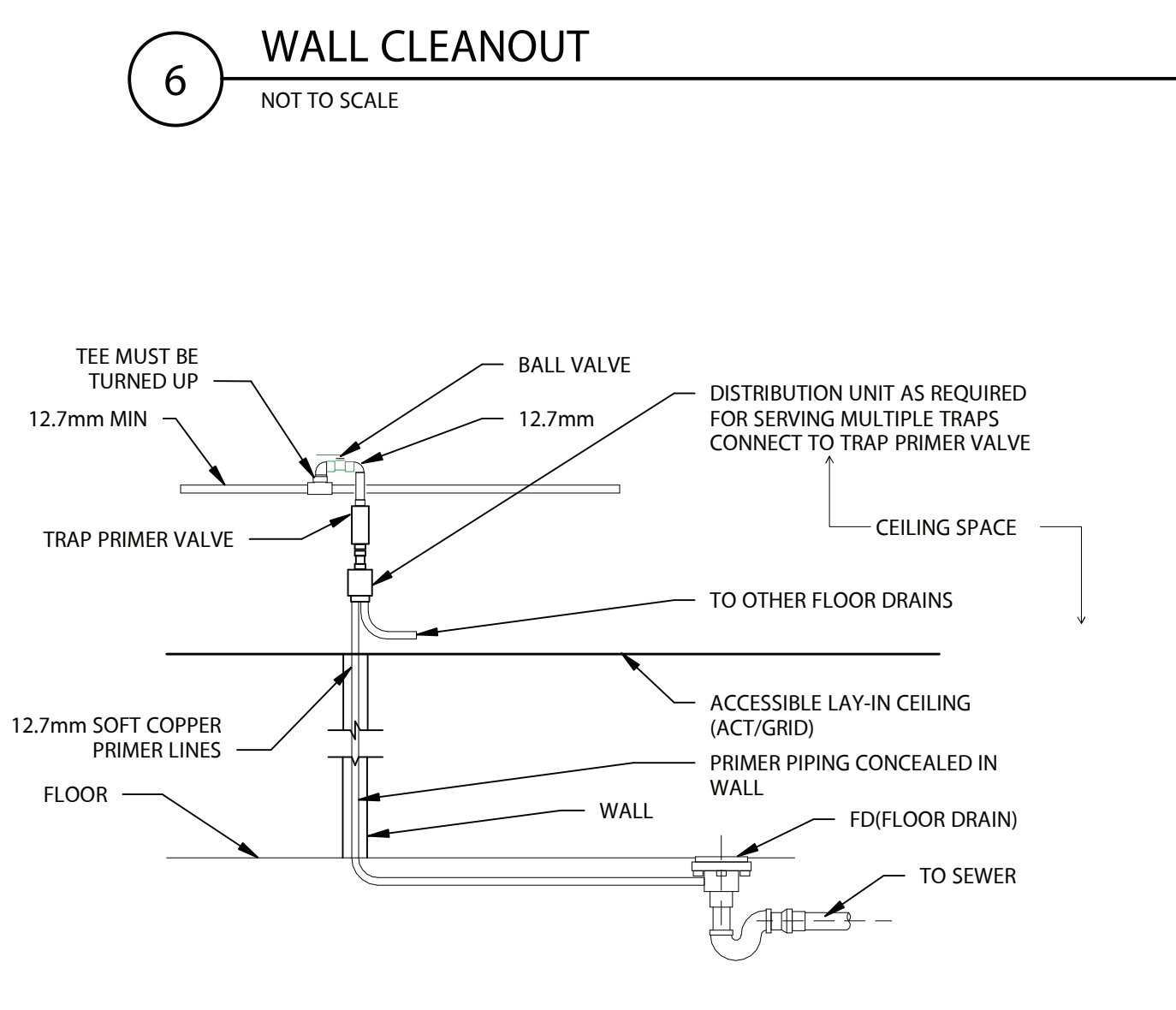
- ITEMS TAGGED WITH AN OWNER PRODUCT CODE HAVE BEEN STANDARDIZED AMONG THE OWNER'S PROJECTS, AND SHALL BE USED WHENEVER POSSIBLE. SUBSTITUTION REQUESTS MAY BE SUBMITTED PER THE CRITERIA IN THE SPECIFICATIONS. SOME OWNER PRODUCT CODE TAGS ALSO INCLUDE AN IDENTIFIER SUFFIX, TO PROVIDE INFORMATION ABOUT SIZE, LOCATION, OR OTHER CHARACTERISTICS OF AN OWNER PRODUCT.
- ITEMS TAGGED ONLY WITH AN IDENTIFIER ARE NOT STANDARDIZED, AND PROJECT TEAMS SHALL SELECT THE APPROPRIATE PRODUCT FOR EACH PROJECT, BASED ON PROJECT CONDITIONS AND ANY REQUIREMENTS LISTED IN THE SPECIFICATIONS OR ELSEWHERE IN THE CONTRACT DOCUMENTS.



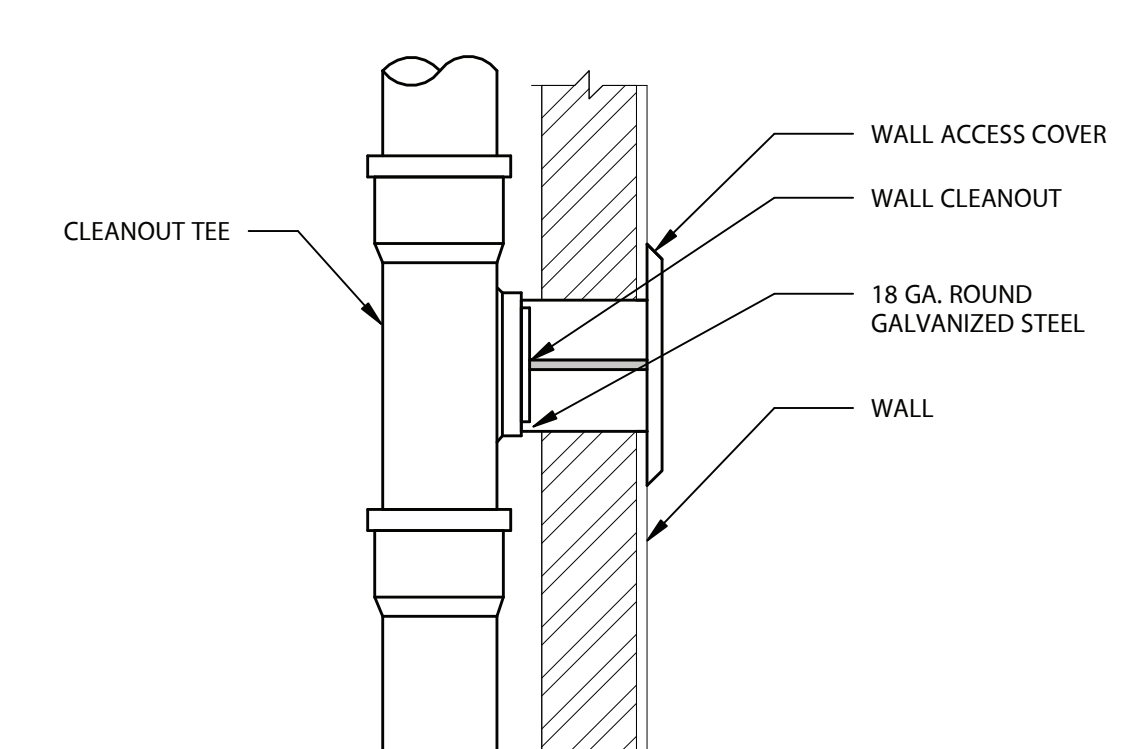
4 WATER HEATER WITH RE-CIRCULATION PUMP
NOT TO SCALE



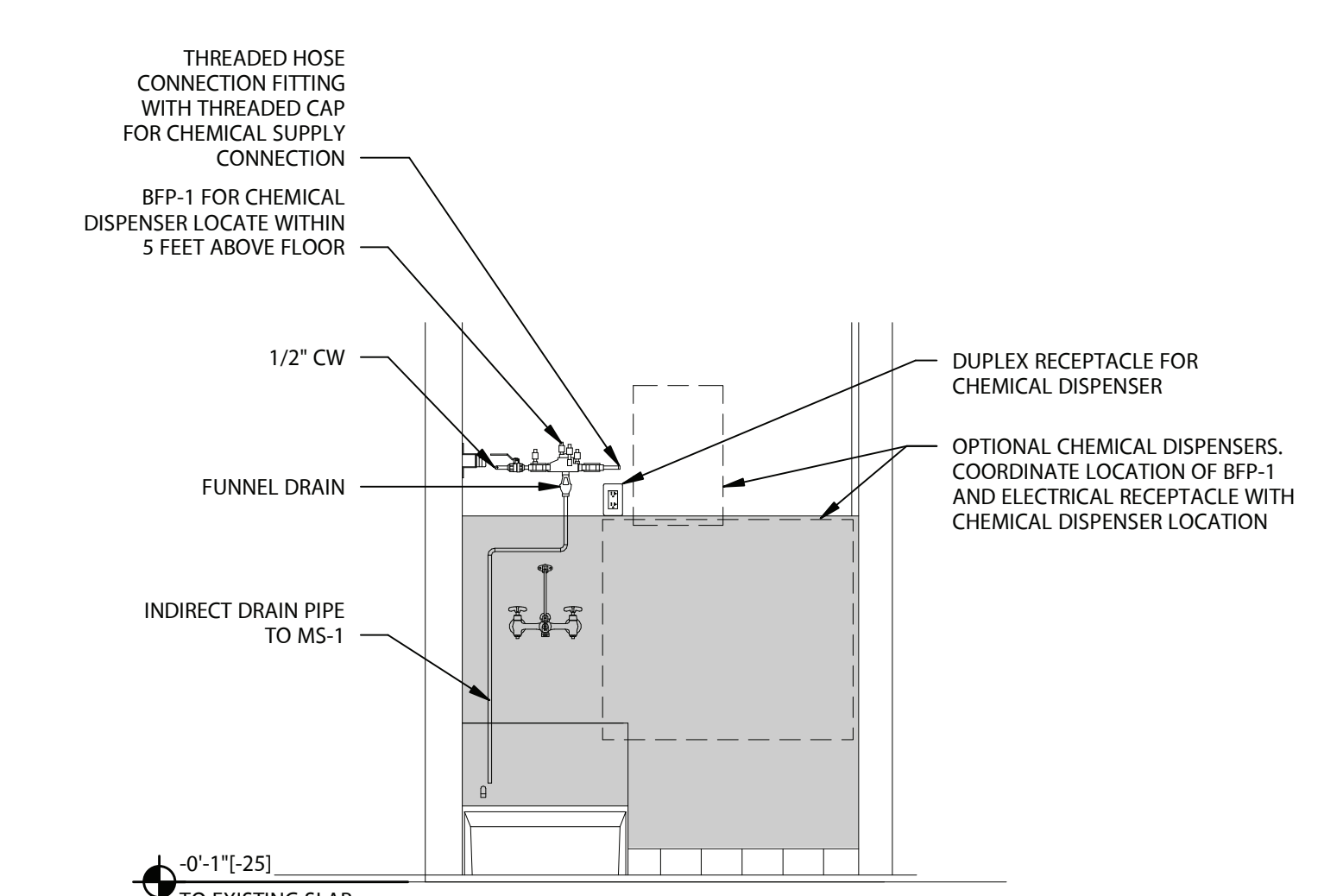
3 FLOOR DRAIN
NOT TO SCALE



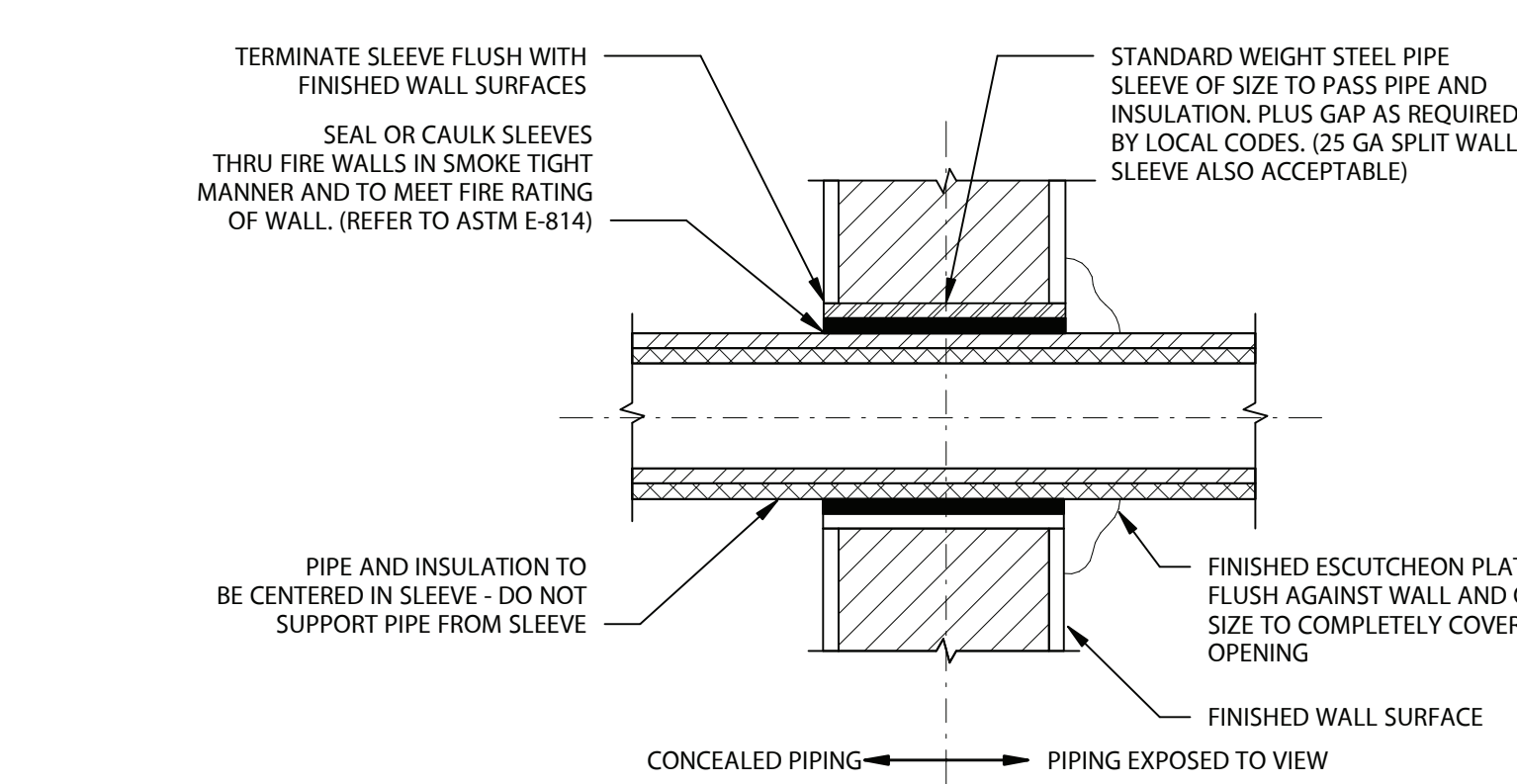
2 TRAP PRIMER
NOT TO SCALE



6 WALL CLEANOUT
NOT TO SCALE



5 WATER FLOW METER ASSEMBLY
NOT TO SCALE



1 PIPE THRU FIRE RATED WALL
NOT TO SCALE

Apple Inc.
One Apple Park Way
Cupertino, CA
95014

Architect:
MBH Architects
www.mbharch.com

Consultant:
TES Engineering
www.tesengineering.com

Apple Store
West Town Mall
Nanuet, NY

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PLUMBING GENERAL
NOTES, SCHEDULES,
DETAILS & SYMBOLS

P-001

