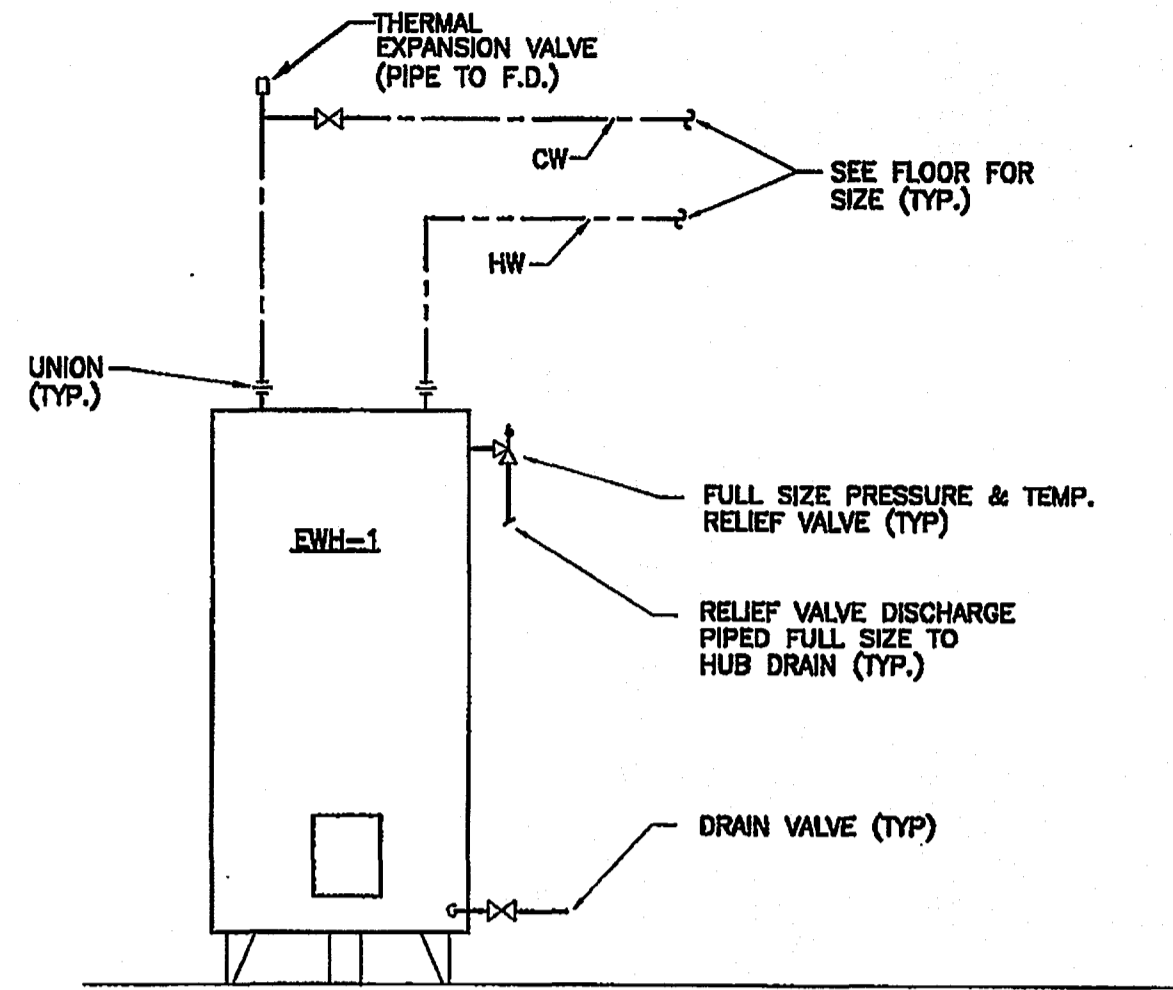


SCHEDULE - FIXTURE CONNECTION				
FIXTURE #	FIXTURE TYPE	MINIMUM SIZE UTILITY TO FIXTURE		
		WASTE CONNECTION	HOT WATER SUPPLY	COLD WATER SUPPLY
F-1	WATER CLOSET	3"	---	1/2"
F-1H	WATER CLOSET	3"	---	1/2"
F-2H	LAVATORY H.C.	1-1/4"	3/8"	3/8"
F-2P	LAVATORY - PEDESTAL	1-1/4"	3/8"	3/8"
F-4	KITCHEN SINK	1-1/2"	1/2"	1/2"
F-4A	SING. COMPARTMENT SINK	1-1/2"	1/2"	1/2"
F-5	WASHING MACHINE	2"	1/2"	1/2"
F-6	ICE MAKER	---	---	3/8"
F-7	WATER COOLER	1-1/4"	---	3/8"



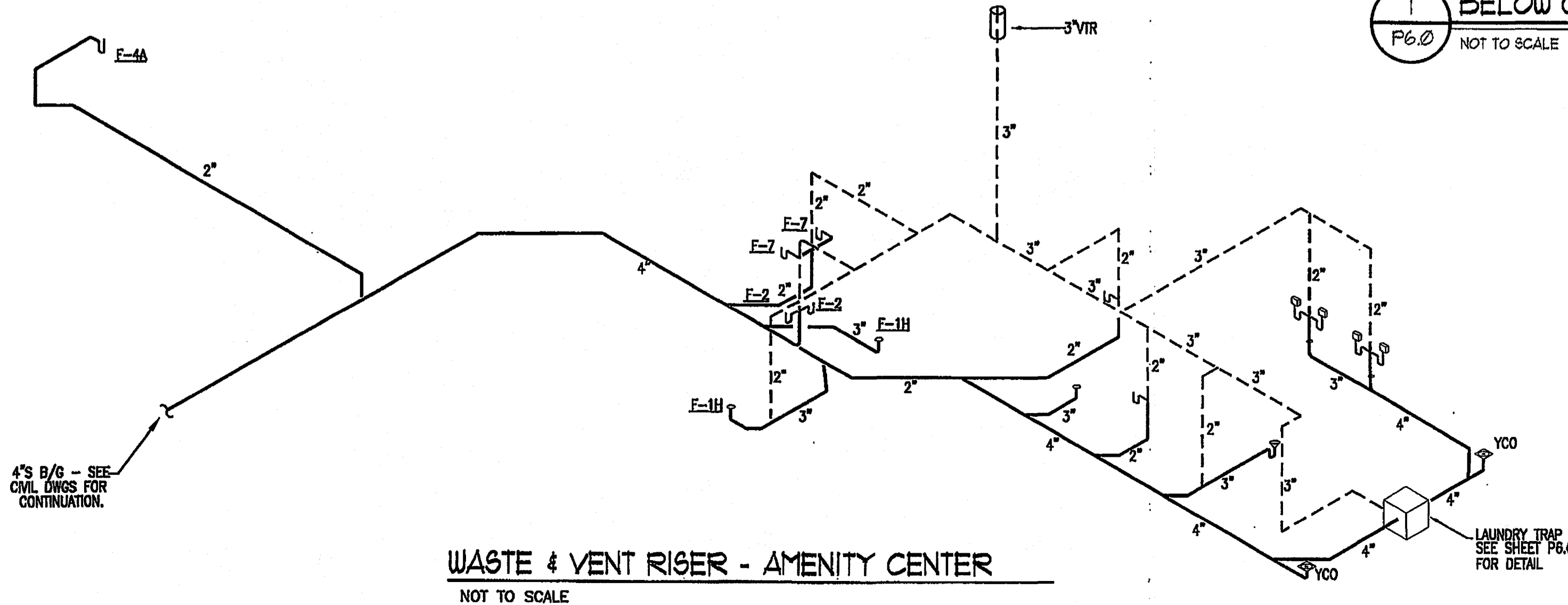
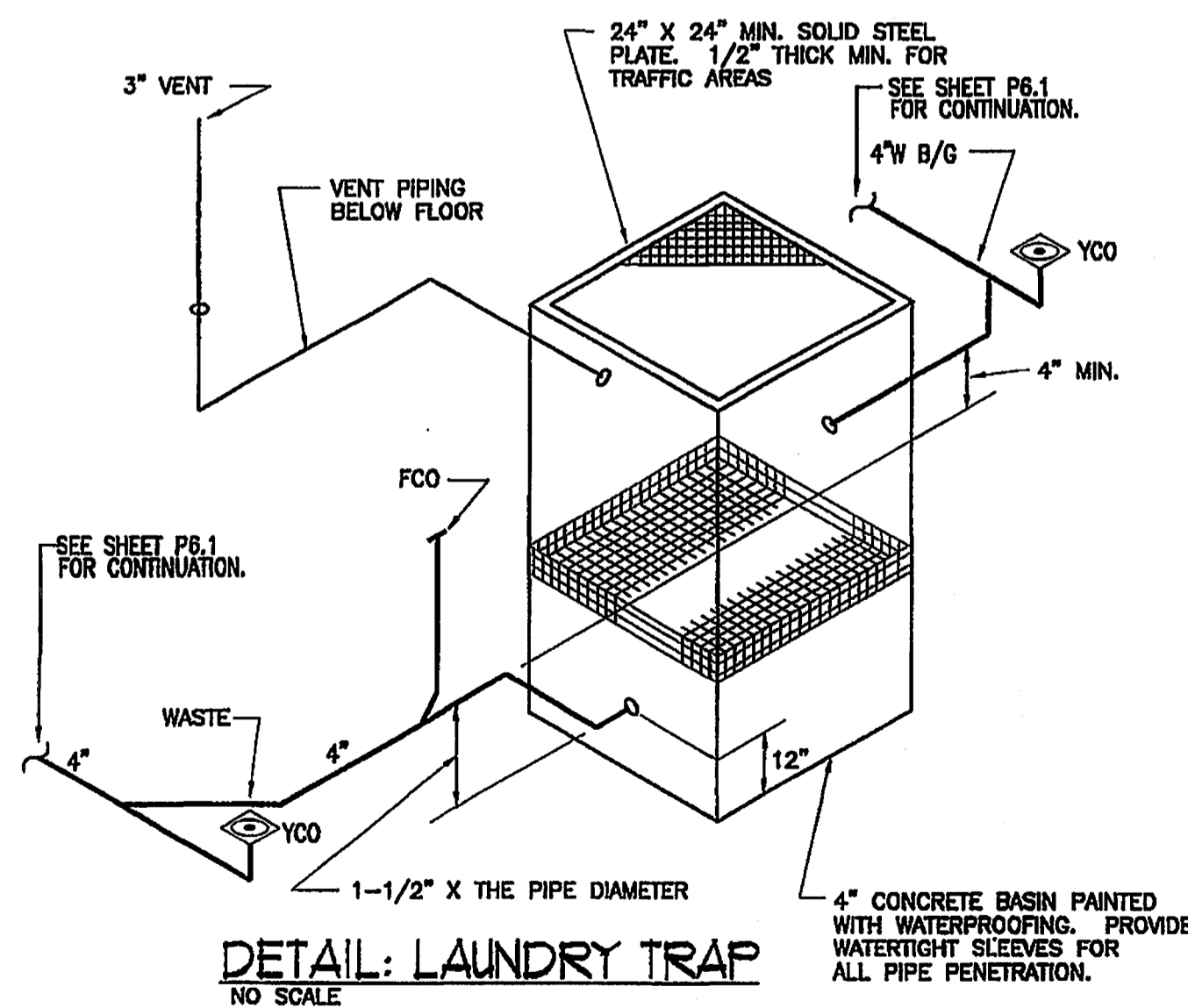
DETAIL: ELECTRIC WATER HEATER (EWH-1)  
NOT TO SCALE

SCHEDULE - ELECTRIC WATER HEATER						
MARK	MODEL	STORAGE CAPACITY GALLONS	KW INPUT	GPH @ 90 DEG RISE	TEMP OF WATER TO BE DEL.	ACCESSORIES
EWH-1	CDS-82-20RT	82	4.5	20	120°	1-5
EWH-2	SCI 2 1SUS K	2	1.4	7	120°	1-8

NOTE:  
1. ALL UNITS SHALL MEET ASHRAE 90-75 AND ALL LOCAL CODE REQUIREMENTS, AND SHALL BE AIA CERTIFIED.

ACCESSORIES:  
1. T&P RELIEF VALVE.  
2. DIELECTRIC FITTINGS ON INLET & OUTLET.  
3. GATE VALVES (CW SIDE ONLY) WITH UNIONS ON WATER INLET AND OUTLET CONNECTIONS.  
4. LOCATE WATER HEATERS AS INDICATED ON PLANS.  
5. ROUTE DRAIN PAN AND T&P RELIEF TO DRAIN, SEE WATER HEATER DETAIL.  
6. LOCATE WATER HEATER BELOW COUNTER, ROUTE T&P RELIEF TO 2" HUB DRAIN BELOW SINK.

SELECTION BASED ON STATE (EQUALS INCLUDE A.O. SMITH AND RHEEM.)



PLUMBING FIXTURE SCHEDULE

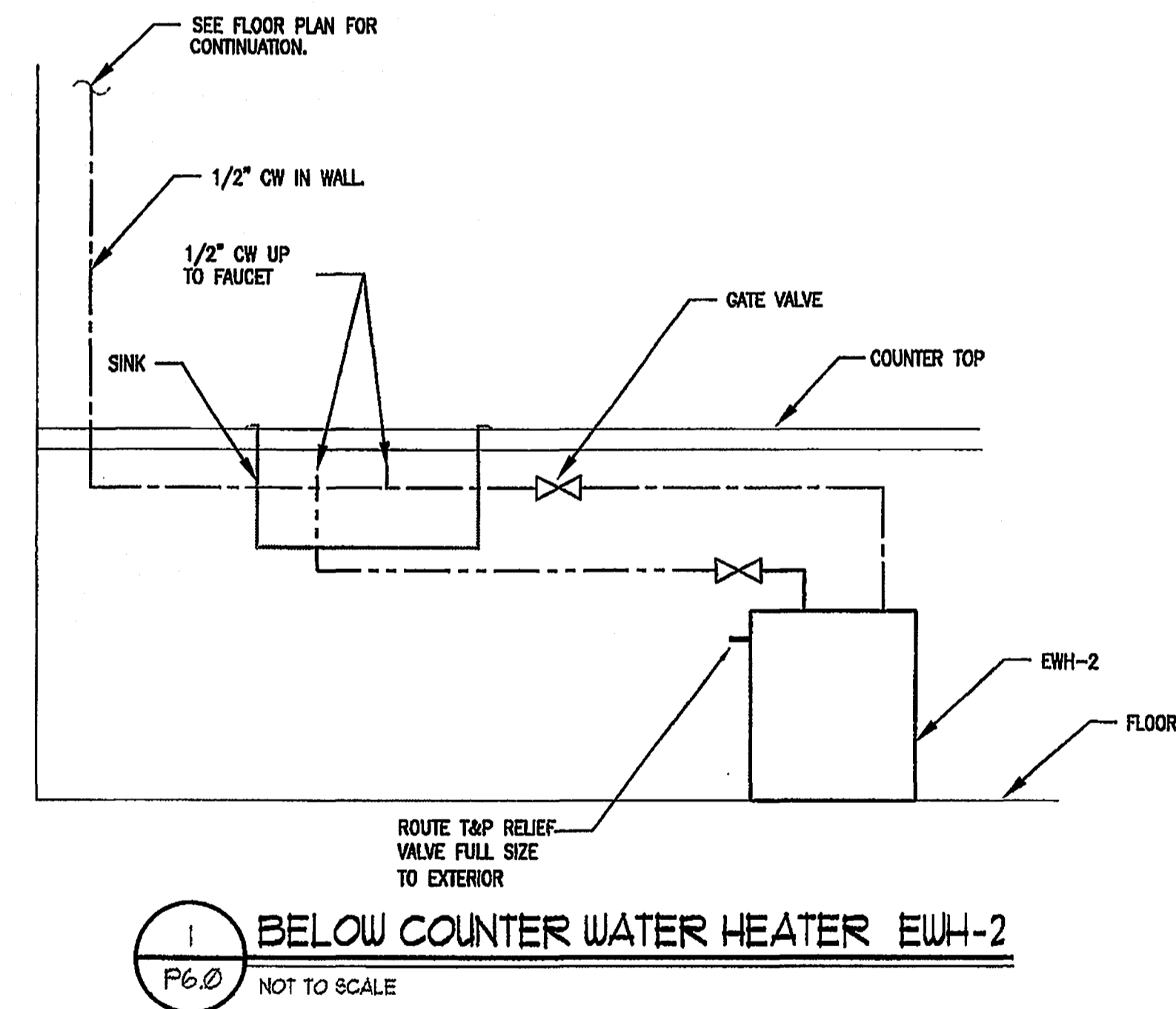
- UNLESS OTHERWISE INDICATED, NUMBERS ARE AMERICAN STANDARD. EQUAL PRODUCTS: KOHLER, CRANE, ELJER, OLSONITE, SPERZEL, DELTA, MANSFIELD, SIMMONS, BRADLEY, GERBER, CEROTTO, HALSEY TAYLOR, FIAT, STERN-WILLIAMS, ZURIN, DELANY, CHURCH, BENEKE.
- F-1. WATER CLOSET - FLOOR MOUNTED - TANK - ELONGATED - OPEN FRONT SEAT LESS COVER; CRANE 3-94AE RADCUFT 1.5 GPF ELONGATED WATER CLOSET, SIPHON JET, WATER SAVER, BEMIS 1665-0 OPEN FRONT HEAVY DUTY SOLID PLASTIC ELONGATED SEAT, MCGUIRE 169 SUPPLY TO WALL WITH WHEEL HANDLE STOP, WALL NIPPLE AND ESCUTCHEON AND FLEXIBLE RISER.
  - F-2P. LAVATORY - PEDESTAL - POP-UP DRAIN: MAGNOLIA PEDESTAL 20\"/>

PLUMBING NOTES

- COLD AND HOT WATER PIPING ABOVE GRADE SHALL BE TYPE M HARD DRAWN COPPER TUBING CONFORMING TO ASTM B-88 WITH SWEAT JOINTS AND CAST OR WROUGHT FITTINGS. JOINTS SHALL BE MADE WITH LEAD FREE SOLDER, J.W. HARRIS BRIGHT OR EQUAL. COLD WATER PIPING BELOW GRADE SHALL BE TYPE L COPPER TUBING WITH CAST OR WROUGHT FITTINGS AND JOINTS SAME AS ABOVE GRADE. JOINTS SHOULD NOT BE PERMITTED UNDER FLOOR SLABS. WATER PIPING BELOW GRADE THROUGH CONCRETE SHALL BE PROTECTED WITH PLASTIC SLEEVES. WHERE JOINTS ARE BELOW SLAB, THEY MUST BE BRAZED OR WITH SILVER SOLDER.
- SANITARY WASTE & VENT, AND STORM DRAIN PIPING ABOVE GROUND SHALL BE SCHEDULE 40 DWV PVC WITH SOLVENT JOINTS.
- SANITARY WASTE & STORM DRAIN PIPING BELOW GROUND SHALL BE SCHEDULE 40 DWV PVC WITH SOLVENT JOINTS.
- ALL PLUMBING WORK SHALL BE IN ACCORDANCE WITH THE INTERNATIONAL PLUMBING CODE AND ALL APPLICABLE LOCAL CODES AND ORDINANCES.
- ALL PIPING PENETRATING CEILING AND WALLS SHALL BE INSTALLED WITH CHROME-PLATED ESCUTCHEONS AT THE PENETRATION. ALL PIPING PENETRATING EXTERIOR WALLS AND ROOFS SHALL BE FLASHED IN AN APPROVED MANNER AND SHALL BE PROTECTED AS REQUIRED BY LOCAL CODE AUTHORITY.
- ALL PIPING ABOVE GRADE SHALL BE PROPERLY SUPPORTED BY THE BUILDING STRUCTURE AND SHALL NOT REST ON CEILING TILES OR CEILING STRUCTURE.
- SHOP DRAWINGS SHALL BE SUBMITTED TO AND REVIEWED BY THE ARCHITECT PRIOR TO ORDERING, PURCHASING, OR FABRICATING ANY MECHANICAL EQUIPMENT. SHOP DRAWINGS SHALL INCLUDE: ALL EQUIPMENT SCHEDULED ON THE DRAWINGS; PLUMBING FIXTURES AND TRIM; WATER HEATERS AND ACCESSORIES; PIPE, VALVES, AND FITTINGS; SANITARY AND WATER RISER DIAGRAMS; INSULATION.
- CONTRACTOR SHALL COORDINATE ELECTRICAL CHARACTERISTICS AND REQUIREMENTS OF ALL PLUMBING EQUIPMENT WITH THE ELECTRICAL DRAWINGS, AND SHALL FURNISH EQUIPMENT WIRED FOR THE VOLTSAGES SHOWN THEREIN.
- WATER PIPING ROUTED ABOVE CEILING AND IN EXTERIOR WALLS SHALL BE ROUTED ON HEATED SIDE (UNDERSIDE) OF CEILING INSULATION AND HEATED SIDE (INSIDE) OF WALL INSULATION.
- ALL PLUMBING EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
- ALL PLUMBING EQUIPMENT AND SYSTEMS SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR AFTER START-UP.
- ALL WORK SHALL BE COORDINATED AND PERFORMED WITH PRIOR APPROVAL FROM THE OWNER TO SUIT HIS OPERATING CONDITIONS.
- ALL PLUMBING EQUIPMENT REQUIRING ELECTRICAL POWER SHALL BE INSTALLED WITH DISCONNECT SWITCHES AT EACH PIECE OF EQUIPMENT. COORDINATE SWITCH TYPE (FUSED OR NON-FUSED) WITH ELECTRICAL DRAWINGS.
- ALL SHOWER HEAD ARMS SHALL BE SECURED TO ADJACENT STRUCTURE.

PLUMBING LEGEND

SYMBOL	ABBREVIATION	DESCRIPTION
A/C	A/C	ABOVE CEILING
B/C	B/C	BELOW COUNTER
B/F	B/F	BELOW FLOOR
B/G	B/G	BELOW GRADE
CW	CW	COLD WATER PIPING
DN	DN	DOWN
FCO	FCO	FLOOR CLEANOUT
FD	FD	FLOOR DRAIN
GV	GV	GATE VALVE
HC	HC	HANDICAPPED
HW	HW	HOT WATER PIPING
P-TRAP	P-TRAP	P-TRAP
PRV	PRV	PRESSURE REDUCING VALVE
S/W	S/W	SOIL, WASTE PIPING
V	V	VENT PIPING
VTR	VTR	VENT THRU ROOF
NFWH	NFWH	WALL HYDRANT
YCO	YCO	YARD CLEANOUT



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CLIENT REVIEW	
Date:	11-27-01
Date:	12-08-01
Date:	12-18-01
Date:	01-28-02
Date:	
Date:	
Date:	
Date:	

AS BUILT ISSUE  
08-07-03

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