

**PLUMBING EQUIPMENT FIXTURE SCHEDULE**

MARK	FIXTURE	MANUFACTURER & MODEL NO.	REMARKS
WC-1	WATER CLOSET (ADA COMPLIANT)	KOHLER K-3658	KOHLER HIGHLINE, FLOOR MOUNTED, FLUSH TANK, SIPHON JET, 1.28 GAL/FLUSH ELONGATED BOWL WITH KOHLER P-3519-0 SEAT.
WC-2	WATER CLOSET	KOHLER K-3658	KOHLER HIGHLINE, FLOOR MOUNTED, FLUSH TANK, SIPHON JET, 1.28 GAL/FLUSH ELONGATED BOWL WITH KOHLER P-3519-0 SEAT.
LA-1	LAVATORY (ADA COMPLIANT)	AMERICAN STANDARD 0355.012	AMERICAN STANDARD LUCERNE, VITREOUS CHINA, WALL MOUNT LAVATORY WITH OVERFLOW. PROVIDE DELTA 500-BST 1.5 GPM FAUCET TO PROVIDE TEMPERED WATER. PROVIDE LEONARD MODEL LF-170 THERMOSTATIC MIXING VALVE FOR EACH PAIR OF LAVATORY FAUCETS AND LEONARD MIXING VALVE FOR SINGLE LAVATORY FAUCETS - REFER TO SPEC FOR THIS SCHEDULE. ALSO PROVIDE WALL HANGER MOUNT, CHROME-PLATED CAST BRASS P-TRAP WITH CLEANOUT, CHROME-PLATED RIGID SUPPLY WITH WALL EDCUTCHECK, LODGE KEY WALL STOP CHICAGO NO. 1017 SUPPLY TUBE AND P-TRAP ASSEMBLY.
UR-1	URINAL	KOHLER K-25042-CT	STANWELL BLOWOUT VITREOUS CHINA URINAL. PROVIDE WITH P-76.318-CP 0.5 GPF MANUAL FLUSH VALVE.
S-1	BREAK ROOM SINK	ELKAY DE2519	3 BOWL STAINLESS STEEL DROP-IN, SINGLE HOLE SINK. ELKAY LI-6000 SINGLE HOLE DECK MOUNT FITCHEN FAUCET WITH PULL DOWN SPRAY. PROVIDE BADGER FWD-2 1/2HP GARBAGE DISPOSAL.
SS-1	SERVICE SINK	AMERICAN STANDARD 7695.006	COMPLETE WITH AMERICAN STANDARD FAUCET NO. 8340.243 WITH VACUUM BREAKER, P-TRAP 7798.039, MOP HANGER, HOSE AND HOSE BRACKET.
EW-1	ELECTRIC WATER COOLER	ELKAY EZTL8 WITH INTEGRAL CHILLER	BARRIER FREE BI-LEVEL WATER COOLER WITH STANDARD FINISH. INTEGRAL CHILLER SHALL DELIVER 80 GPM OF 50°F WATER AT 80°F INLET WATER TEMP AND 90°F ROOM TEMP. 370 WATT, 120-1-60 1.40 FLA+ POWER REQUIREMENT.

**WATER HEATER SCHEDULE**

MARK	SERVICE	INPUT	STORAGE	RECOVERY	POWER V/PHASE/HZ	REMARKS
WH-1	GENERAL FIXTURES	6KW	19 GALLON	28 GALLONS @ 90°F RISE	460/3/60	ROCK ELECTRIC MODEL LCE20-2. PROVIDE WITH WALL MOUNT OF SUSPENDED PLATFORM FROM STRUCTURE.

**PLUMBING SYMBOL LEGEND**

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
-----	SANITARY VENT PIPING (SV)	--- --- ---	PIPING CONNECTION NEW TO EXISTING
-----	SANITARY WASTE PIPING (SW)	--- --- ---	FLOOR SINK (FS)
---SD---	STORM DRAIN PIPING (SD)	--- --- ---	FLOOR DRAIN (FD)
---OD---	OVER FLOW PIPING (OF)	--- --- ---	HUB DRAIN (HD) ROOF DRAIN (RD) OVERFLOW DRAIN (OD)
---GW---	GREASE WASTE	--- --- ---	FLOOR CLEANOUT (FCO) OR GRADE CLEANOUT (GCO)
---CD---	CONDENSATE DRAIN PIPING (CD)	--- --- ---	TWO WAY OR DOUBLE CLEAN OUT (TWCO)
---F---	PIPE MAIN	--- --- ---	WATER MOTOR ALARM GONG
---C---	COLD WATER PIPING (CW)	--- --- ---	FIRE DEPARTMENT SIEMENS CONNECTION (FDC)
---H---	HOT WATER PIPING (HW)	--- --- ---	SINGLE HEAD SHOWER
---R---	HOT WATER RETURN PIPING (HWR)	--- --- ---	TRIPLE HEAD SHOWER
---A---	AIR OR COMPRESSED AIR	--- --- ---	GAS WATER HEATER
---G---	NATURAL GAS PIPING	--- --- ---	ELECTRIC WATER HEATER
---U---	UNION	--- --- ---	FLUE
---S---	SANITARY WASTE PIPING UP	--- --- ---	RECIRCULATING PUMP
---D---	SANITARY WASTE PIPING DOWN	--- --- ---	COUNTER
---T---	SANITARY WASTE PIPING THROUGH	--- --- ---	SAND/OIL INTERCEPTOR (SOI)
---W---	WATER PIPING UP	--- --- ---	PHONE VALVE
---D---	WATER PIPING DOWN	--- --- ---	SHUT OFF VALVE IN VALVE BOX
---T---	WATER PIPING TEE UP	--- --- ---	CAP PIPING
---D---	WATER PIPING TEE DOWN	--- --- ---	TRAP PRIMER (TP)
---R---	GAS PRESSURE REGULATOR	--- --- ---	WALL CLEANOUT (WCO)
---C---	GAS COCK	--- --- ---	FLOW DIRECTION OF PIPING
---G---	GATE VALVE	--- --- ---	SEE CIVIL DRAWINGS FOR CONTINUATION
---B---	BALL VALVE	--- --- ---	POINT OF CONNECTION NEW TO EXISTING
---C---	CHECK VALVE	--- --- ---	INSTANTANEOUS WATER HEATER
---S---	FIRE SPRINKLER ARM VALVE	--- --- ---	HOSE BIBB OR NON-FREEZE WALL HYDRANT (HBY) (NFWH)
---B---	BALANCING VALVE	--- --- ---	WASHER BOX
---S---	SOLENOID VALVE	--- --- ---	TEMPERATURE AND PRESSURE RELIEF VALVE
---M---	SOLENOID MIXING VALVE	--- --- ---	GATE VALVE IN VERTICAL PIPING RISE
---X---	MIXING VALVE (MV)	--- --- ---	QUICK CONNECT HOSE CONNECTION (QCHC)

ALL SYMBOLS ON THIS LIST ARE NOT NECESSARILY USED ON THIS JOB

**PLUMBING FIXTURE SCHEDULE**

MARK	FIXTURE	MANUFACTURER & MODEL NO.	REMARKS
HR	HOSE BIB	CHICAGO FAUCET 952	POLISHED CHROME SILL FAUCET WITH VACUUM BREAKER.
CO-A	FLOOR CLEANOUT	JOSAM SERIES 56030	CAST IRON BODY WITH NICKEL-ALLOY TOP.
CO-B	FLOOR CLEANOUT (HEAVY DUTY)	JOSAM SERIES 56050-1	CAST IRON BODY WITH HEAVY DUTY, SCORIATED NICKEL-ALLOY TOP.
WCO	WALL CLEANOUT	JOSAM SERIES 58790-15	COATED CAST IRON CLEANOUT WITH RECESSED, TAPPED PLUG AND POLISHED STAINLESS STEEL ROUND COVER WITH VANDAL-PROOF CREW.
HSA	HYDRAULIC SHOCK ABSORBER	JOSAM SERIES 75000	WROUGHT COPPER SHELL. SIZE IN ACCORDANCE WITH P.D.I. STANDARDS.
TP-1	TRAP PRIMER	JR. SMITH PRIME-CZE WATER SAVER TRAP PRIMER	SIPHON-TYPE TRAP PRIMER (REFER TO DETAIL P0.2/05).
TP-2	TRAP PRIMER	PRECISION PLUMBING PRODUCTS #P-1	TRAP PRIMER VALVE, 1/2" SUPPLY FROM TOP OF MAIN TO VALVE, 1/2" SUPPLY TO EACH FLOOR AND/OR HUB DRAIN. DISTRIBUTION UNIFORM REQUIRED ON ALL TRAPS. RANGE A-200
ED-A	FLOOR DRAIN	JOSAM SERIES 30000-A-50	CAST IRON DRAIN WITH CATIN NICKEL-ALLOY STRAINER, CAST IRON ELASTIC COLLAR, AND TRAP PRIMER TAP. ALSO PROVIDE INCREMENTAL TRAP SEAL DEVICE EQUAL TO JR. SMITH QUAD-CLOSE.
ED-B	FLOOR DRAIN (DETAIL BAY)	ZUPN 2537	16" SQUARE TOP HEAVY DUTY PAPER IN RECEPTOR WITH SUPPORT FLANGE. CAST IRON BODY WITH BOTTOM OUTLET. HEAVY DUTY SLOTTED LID.
ES	FLOOR SINK	JR. SMITH 3151-12	CAST IRON FLANGED RECEPTOR WITH DRAINAGE HOLES. ACID RESISTANT COATED INTERIOR. NICKEL BRASS RIM AND SECOND LID. GRATE. ALUMINUM CEDIMENT BUCKET OF WATTS DRAINAGE #1740-1-S. JOSEAM #100A-NB.
NFWH	NON-FREEZE WALL HYDRANT	JR. SMITH 55090T-CP	POLISHED CHROME PLATED FACE AND VACUUM BREAKER.
CR-1	WATER LINE WALL CONNECTION BOX	ELKAY	TURN OFF VALVE WITH WALL CONNECTION BOX. CONTRACTOR SHALL COORDINATE FINAL CONNECTION TYPE TO FIXTURE AT ORDER. MODEL NUMBER SHALL VARY BASED UPON COPPER, GALV. COPPER OR PEX CONNECTION.

**PUMP SCHEDULE**

MARK	SERVICE	GPM	HEAD	HPM	EFF.	HP (MIN)	POWER V/PHASE/HZ	REMARKS
BCP-1	PLASTIC HOT WATER RECIRCULATION PUMP	5	22FT	2650	-	1/12	120/1/60	BELL AND GOSSETT SERIES PL-30B ALL BRONZE CONSTRUCTION WITH RTC-1 AUTOMATIC TIMER & #A0-3/4 AQUASTAT.

**PLUMBING FIXTURE CONNECTION SCHEDULE**

FIXTURE	CW	HW	MIN. SIZE TRAP AND TRAP ARM	VENT
WC (WATER CLOSET)	3/4"	-	4"	2"
LAV (LAVATORY)	1/2"	1/2"	2"	1-1/2"
S-1 (SINK)	1/2"	1/2"	2"	1-1/2"
SS (SERVICE SINK)	3/4"	3/4"	3"	2"
EW (ELECTRIC WATER COOLER)	1/2"	-	2"	1-1/2"
EEW (EMERGENCY EYEWASH)	3/4"	-	2"	1-1/2"
UR-1	1"	-	3"	2"

**MISCELLANEOUS PLUMBING NOTES:**

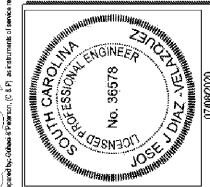
- PROVIDE SHUT-OFF VALVE FOR EACH APPLIANCE AND FIXTURE IN ACCESSIBLE LOCATIONS. REFRIGERATOR ICEMAKERS SHALL BE PROVIDED WITH PREFABRICATED ICEMAKER SUPPLY BOX (ISB) CONNECTION. PROVIDE SHUT-OFF VALVES TO ISOLATE GROUPS OF TWO OR MORE FIXTURES COMPLETE WITH VALVE ACCESS PANEL LOCATED WITHIN THE CHASE WALL OF THE ACCESSIBLE WATER CLOSET OR NEAR TO THE UNDERSIDE OF LAVATORY COUNTERTOPS.
- PROVIDE ISOLATION BALL VALVE IN ACCESSIBLE LOCATION TO CONTROL THE WATER SUPPLY TO INDIVIDUAL WALL HYDRANTS, HOSE BIBS AND NON-FREEZE ROOF HYDRANTS.
- ROUTE DRAIN PIPING FROM THE DRAIN PORT NON-FREEZE ROOF HYDRANTS TO CODE-APPROVED INDIRECT DRAIN RECEPTOR.
- PROVIDE HYDRAULIC SHOCK ABSORBERS FOR WATER SUPPLIES SERVING FLUSH VALVE WATER CLOSETS. SIZE AND PLACEMENT SHALL BE IN ACCORDANCE WITH P.D.I. STANDARDS.
- PROVIDE INDIRECT WASTE PIPING FOR APPLIANCES WITH DRAIN CONNECTIONS AND ROUTE TO INDIRECT WASTE RECEPTOR.

**SAND/OIL INTERCEPTOR**

MARK	FIXTURE	MANUFACTURER & MODEL NO.	REMARKS
SI-1	SAND/OIL INTERCEPTOR	STRIEM OS-100	100 GPM, 250 GALLON SAND/OIL INTERCEPTOR. CONTRACTOR TO REFERENCE DETAIL 06/P0.3 FOR FULL MODEL SPEC.
SW-1	SAMPLE WELL	- SEE DETAIL	TRAFFIC RATED SAMPLE WELL. CONTRACTOR TO REFERENCE DETAIL 06/P0.2 FOR FULL DETAILS AND SPEC.

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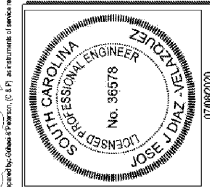
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Plumbing Schedules



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