

WATER HEATER SCHEDULE

MARK	LOC. AT ROOM	TYPE	MIN. CAPACITY		GAS				ELECTRIC			EXP. TANK	RECIRC PUMP	REMARKS
			GAL STOR	GPH RECOVERY AT 90° RISE	INPUT MBH	VENT DIA.	VENT MOTOR AMPS	ELECT	TOTAL KW	NO. ELEMENTS	VOLT/ PHASE			
GWH-1	JAN 112	GAS	40	45	40	4"	<5	120/1	-	-	-	NOTE 2	RP-1	1

1. BASED ON A.O. SMITH GPD-40 POWER DIRECT VENT GAS TANK WATER HEATER WITH CONDENSATE NEUTRALIZATION KIT AND CONCENTRIC VENT TERMINATION KIT. STORAGE TEMPERATURE SHALL BE 140°F.
2. EXPANSION TANK EQUAL TO AMTROL ST-5-C.

PUMP SCHEDULE

MARK	LOC AT ROOM	TYPE	MIN CAPACITY		MIN SIZE CONN		MOTOR (BY M.C.)					REMARKS
			GPM	FEET HEAD	SUCTION	DISCH	HP	RPM	SPEED	ELECT	STARTER	
RP-1	JANITOR 112	INLINE	2	15	3/4"	3/4"	1/8	3250	1	120/1	BY MC	1,2

1. BASED ON TACO MODEL 009-F5 INLINE CIRCULATING PUMP; CAST IRON WITH REPLACEABLE CARTRIDGE.
2. PROVIDE WITH AQUASTAT AND TIMER.

FIXTURE CONNECTION SCHEDULE

SORTING	FIXTURE	WATER				WASTE		VENT
		COLD		HOT		RUNOUT	CONN.	
		RUNOUT	CONN.	RUNOUT	CONN.			
DF-1	WATER COOLER	1/2"	3/8"	--	--	2"	2"	1-1/2"
IB-1	ICEMAKER BOX	1/2"	3/8"	--	--	-	-	-
LV-1	LAVATORY	1/2"	3/8"	1/2"	3/8"	2"	1-1/4"	1-1/2"
LV-2	LAVATORY	1/2"	3/8"	1/2"	3/8"	2"	1-1/4"	1-1/2"
MB-1	MOP BASIN	3/4"	1/2"	3/4"	1/2"	3"	3"	2"
RH-1	ROOF HYDRANT	1"	1"	--	--	--	--	--
SK-2	HAND SINK	1/2"	3/8"	1/2"	3/8"	2"	1-1/4"	1-1/2"
SK-3	HAND SINK	1/2"	3/8"	1/2"	3/8"	2"	1-1/4"	1-1/2"
UR-1	URINAL (ADA)	1"	3/4"	--	--	2"	2"	1-1/2"
UR-2	URINAL	1"	3/4"	--	--	2"	2"	1-1/2"
WC-1	WATER CLOSET (ADA)	1-1/4"	1"	--	--	4"	3"	2"
WC-2	WATER CLOSET	1-1/4"	1"	--	--	4"	3"	2"
WH-1	WALL HYDRANT	3/4"	3/4"	--	--	-	-	-

PLUMBING FIXTURE LIST:

DF-1: WATER COOLER - BI LEVEL (ADA):
ELKAY MODEL EZSTL8WSSK DUAL HEIGHT WALL MOUNTED WHEELCHAIR ACCESSIBLE NON-FILTERED ELECTRIC WATER COOLER WITH STAINLESS STEEL TOPS AND PANELS, SELF CLOSING FRONT AND SIDE PUSHBAR OPERATED VANDAL-RESISTANT BUBBLERS, SENSOR ACTIVATED BOTTLE FILLING STATION, CAPACITY OF GPH OF 50 DEGREE WATER AT ARI CONDITIONS, 5.0 FLA, 120/60/1 COMPRESSOR - 5 YEAR REFRIGERATION WARRANTY - COLD WATER SUPPLY WITH QUARTER TURN STOP - 1-1/4" CAST BRASS P-TRAP, MOUNT UNIT PER MANUFACTURER'S RECOMMENDATIONS TO MEET ADA REQUIREMENTS.

IB-1: ICEMAKER BOX:
GUY GRAY MIB1 WHITE POWDER COAT ON COLD ROLLED STEEL FINISH, 20 GAUGE BOX, 20 GAUGE FACEPLATE WITH 1/4 TURN STOP.

LV-1: LAVATORY:
AMERICAN STANDARD 0476.028 "AQUALIN" 20-3/8" x 17-3/8" VITREOUS CHINA OVAL DROP IN LAVATORY WITH FAUCET HOLES ON 4" CENTERS - ZURN Z81104-XL DECK MOUNTED LAVATORY FAUCET WITH LONG CAST SPOUT, 1.0 GPM SPOUT, WRISTBLADE HANDLES, CERAMIC DISC CARTRIDGES - PROVIDE OFFSET DRAIN WITH GRID STRAINER - CHROME PLATED WALL SUPPLIES WITH LOOSE KEY STOPS - LEONARD 170-LF ASSE 1070 THERMOSTATIC MIXING VALVE IN HOT WATER SUPPLY SET TO 120°F - 1-1/4" CHROME PLATED BRASS "P" TRAP. PROVIDE PREINSULATED PIPE COVERS PER ADA GUIDELINES OR INSTALL WITHIN ARCHITECTURAL ENCLOSURE.

LV-2: LAVATORY:
AMERICAN STANDARD 0476.028 "AQUALIN" 20-3/8" x 17-3/8" VITREOUS CHINA OVAL DROP IN LAVATORY WITH FAUCET HOLES ON 4" CENTERS - ZURN Z6915-XL-LS DECK MOUNTED AQUASENSE LAVATORY FAUCET WITH LONG CAST SPOUT, 1.0 GPM AERATOR, HARDWIRED POWER CONVERTOR, CERAMIC DISC CARTRIDGES - PROVIDE OFFSET DRAIN WITH GRID STRAINER - CHROME PLATED WALL SUPPLIES WITH LOOSE KEY STOPS - LEONARD 170-LF ASSE 1070 THERMOSTATIC MIXING VALVE IN HOT WATER SUPPLY SET TO 120°F - 1-1/4" CHROME PLATED BRASS "P" TRAP. PROVIDE PREINSULATED PIPE COVERS PER ADA GUIDELINES OR INSTALL WITHIN ARCHITECTURAL ENCLOSURE.

MB-1: MOP BASIN:
STERN WILLIAMS HL-1800 24"x24"x12" DEEP TERRAZZO MOP BASIN WITH STAINLESS STEEL CAPS - CAST BRASS DRAIN WITH STAINLESS STEEL STRAINER - ZURN Z843M1-RC SERVICE SINK FAUCET WITH VACUUM BREAKER SPOUT, 3/4" MALE HOSE THREAD AND PAIL HOOK, 1/4 TURN OPERATING CARTRIDGE, ADJUSTABLE ARM WITH WALL FLANGE - STAINLESS STEEL BACKSPASH PANELS ON ADJACENT WALLS - 3" CAST IRON "P" TRAP.

RH-1: ROOF HYDRANT:
WOODFORD RHY2-MS AUTOMATIC DRAINING FREEZELESS ROOF HYDRANT WITH DOUBLE CHECK BACKFLOW PREVENTER AND DIVERTER ASSEMBLY.

SK-2: HAND SINK (ADA):
ELKAY LRAD131650 13"x16"x5" 18 GAUGE STAINLESS STEEL SINGLE COMPARTMENT COUNTERTOP SINK WITH 3 HOLE DRILLING - ZURN Z831B4-XL DECK MOUNTED SINK FAUCET WITH GOOSENECK SPOUT, 1.5 GPM FLOW DEVICE IN SPOUT, WRISTBLADE HANDLES, CERAMIC DISC CARTRIDGES - PROVIDE OFFSET DRAIN WITH GRID STRAINER - CHROME PLATED WALL SUPPLIES WITH LOOSE KEY STOPS - LEONARD 170-LF ASSE 1070 THERMOSTATIC MIXING VALVE IN HOT WATER SUPPLY SET TO 120°F - 1-1/2" CHROME PLATED CAST BRASS "P" TRAP. PROVIDE PREINSULATED PIPE COVERS PER ADA GUIDELINES OR INSTALL WITHIN ARCHITECTURAL ENCLOSURE.

SK-3: HAND SINK (ADA):
ADVANCED TABCO 7-PS-50 14"x10"x5" 20 GAUGE STAINLESS STEEL WALL HUNG HANDWASH SINK WITH TWO HOLE DRILLING ON BACKSPASH - ELKAY LK940GN0T4H WALL MOUNTED FAUCET WITH GOOSENECK SPOUT, 1.5 GPM FLOW DEVICE IN SPOUT, 4" WRISTBLADE HANDLES, CERAMIC DISC CARTRIDGES - DRAIN WITH DUO STRAINER AND NEOPRENE STOPPERS - CHROME PLATED WALL SUPPLIES WITH LOOSE KEY QUARTER TURN STOPS - LEONARD 170-LF ASSE 1070 THERMOSTATIC MIXING VALVE IN HOT WATER SUPPLY SET TO 120°F - 1-1/2" CHROME PLATED CAST BRASS P-TRAP. PROVIDE PREINSULATED PIPE COVERS PER ADA GUIDELINES OR INSTALL WITHIN ARCHITECTURAL ENCLOSURE.

UR-1: URINAL (ADA):
KOHLER K-5016-ET "DEXTER" WALL MOUNTED, VITREOUS CHINA, 14-1/2" EXTENDED RIM - 1.0 GPF SIPHON JET URINAL WITH 3/4" TOP SPUD - SLOAN 180ESS HARDWIRED FLUSH VALVE WITH VACUUM BREAKER, DUAL FILTERED BYPASS - WADE 400-AM11 URINAL CARRIER. INSTALLATION SHALL BE ADA COMPLIANT.

UR-2: URINAL:
KOHLER K-5016-ET "DEXTER" WALL MOUNTED, VITREOUS CHINA, 14-1/2" EXTENDED RIM - 1.0 GPF SIPHON JET URINAL WITH 3/4" TOP SPUD - SLOAN 180ESS HARDWIRED FLUSH VALVE WITH VACUUM BREAKER, DUAL FILTERED BYPASS - WADE 400-AM11 URINAL CARRIER.

WC-1: WATER CLOSET (ADA):
KOHLER K-96057 "HIGHCLIFF ULTRA" FLOOR MOUNTED, VITREOUS CHINA, 16-7/8" HIGH ELONGATED BOWL 1.6 GPF SIPHON JET TOILET WITH 1-1/2" TOP SPUD - SLOAN 111-1.6 ES-S FLUSH VALVE WITH VACUUM BREAKER, DUAL FILTERED BYPASS, 12-VOLT TRANSFORMER - WHITE SOLID PLASTIC ELONGATED OPEN FRONT SEAT, LESS COVER. THE TOILET SHALL BE INSTALLED SO THAT THE CENTERLINE OF BOWL SHALL BE 16"-18" FROM THE NEAREST FINISHED WALL.

WC-2: WATER CLOSET:
KOHLER K-96053 "WELLCOMME ULTRA" FLOOR MOUNTED, VITREOUS CHINA, 15-1/4" HIGH ELONGATED BOWL 1.6 GPF SIPHON JET TOILET WITH 1-1/2" TOP SPUD - SLOAN 111-1.6 ES-S FLUSH VALVE WITH VACUUM BREAKER, DUAL FILTERED BYPASS, 12-VOLT TRANSFORMER - WHITE SOLID PLASTIC ELONGATED OPEN FRONT SEAT, LESS COVER.

WH-1: WALL HYDRANT:
WOODFORD B67 SERIES AUTOMATIC DRAINING FREEZELESS WALL HYDRANT WITH DOUBLE CHECK BACKFLOW PREVENTER AND CHROME FINISH. INSTALL AT 36" ABOVE GRADE.