



PLUMBING FIXTURE SCHEDULE

MARK	FIXTURE	MANUFACTURER	MODEL	CONNECTIONS				DESCRIPTION
				CW	HW	DRAIN	VENT	
WC1	WATER CLOSET (ADA HEIGHT)	ZURN	Z5560	3/4"	-	4"	2"	ZURN MODEL #Z5560, FLOOR MOUNTED, VITREOUS CHINA, HIGH PERFORMANCE. PRESSURE ASSISTED TANK, TWO PIECE TOILET, ELONGATED, ADA HEIGHT, SIPHON JET ACTION WITH 12" STANDARD ROUGH-IN.
WC2	WATER CLOSET (STANDARD HEIGHT)	ZURN	Z5570	3/4"	-	4"	2"	ZURN MODEL #Z5570, FLOOR MOUNTED, VITREOUS CHINA, HIGH PERFORMANCE. PRESSURE ASSISTED TANK, TWO PIECE TOILET, ELONGATED, STANDARD HEIGHT, SIPHON JET ACTION WITH 12" STANDARD ROUGH-IN.
UR1	URINAL (ADA HEIGHT)	TOTO	UT447E	3/4"	-	2"	2"	TOTO MODEL #UT447E. INSTALL AT ADA COMPLIANT HEIGHT. COMPACT URINAL WITH CONCEALED INTEGRAL TRAP. FLUSH VALVE: SLOAN ROYAL MODEL #186-0.5. POLISHED CHROME MANUAL FLUSH VALVE, 0.5 GPF.
UR2	URINAL (STANDARD HEIGHT)	TOTO	UT447E	3/4"	-	2"	2"	TOTO MODEL #UT447E. INSTALL AT STANDARD HEIGHT. COMPACT URINAL WITH CONCEALED INTEGRAL TRAP. FLUSH VALVE: SLOAN ROYAL MODEL #186-0.5. POLISHED CHROME MANUAL FLUSH VALVE, 0.5 GPF.
LAV1	LAVATORY	ZURN	Z5310	1/2"	1/2"	1-1/2"	2"	ZURN WALL HUNG LAVATORY, 20X18. FAUCET: Z7440-XL SINGLE LEVER CONTROL, 0.5 GPM FLOW LIMITING AERATOR. PROVIDE WITH ASSE 1070 CERTIFIED THERMOSTATIC MIXING VALVE, TMV1.
EDF1	ELECTRIC DRINKING FOUNTAIN ADA H/L/O	ELKAY	EZSTLBC	1/2"	-	1-1/2"	2"	ELKAY BI-LEVEL REFRIGERATED DRINKING FOUNTAIN, ADA. PUSHBAR CONTROLS ON FRONT AND SIDES. 115/60 HZ, FULL LOAD AMPS = 5, RATED WATTS = 370.
MS1	MOP SINK	PROFLO	PFMB2424	3/4"	3/4"	3"	2"	MOP SERVICE BASIN WITH INTEGRAL MOLDED DRAIN. TWO HANDLE WALL MOUNT SERVICE SINK/FAUCET, (MODEL #PF1119LF). INCLUDE ASSE 1011 HOSE VACUUM BREAKER, (WATTS SERIES #LF8).
FD1	FLOOR DRAIN	ZURN	Z415B	-	-	3"	2"	ZURN 6" FLOOR DRAIN, TYPE 'B' LIGHT DUTY HEEL-PROOF STRAINER.
FS1	FLOOR SINK	ZURN	Z1900-2	-	-	3"	2"	ZURN SANI-FLOOR RECEPTOR, 12" x 12" x 6" DEEP CAST IRON BODY AND SQUARE, LIGHT-DUTY GRATE WITH 1/2" SLOTTED OPENINGS, WHITE ACID RESISTING PORCELAIN ENAMEL INTERIOR AND TOP, COMPLETE WITH ANTI-SPLASH INTERIOR BOTTOM DOME STRAINER.
TMV-1	THERMOSTATIC MIXING VALVE	LEONARD	170-LF	1/2"	1/2"	-	-	LEAD FREE, POINT-OF-USE THERMOSTATIC MIXING VALVE WITH TEMPERATURE ADJUSTMENT KNOB AND ASSE 1070 CERTIFIED.

ELECTRIC WATER HEATER SCHEDULE

MARK	MANUFACTURER	MODEL	TANK CAPACITY	RECOVERY GPH @ 100° F. RISE	QUANTITY OF ELEMENTS	ELECTRICAL	NOTES
WH-1	A.O. SMITH	DRE-120	119 GALLONS	62 GPH	3	208V / 3 PHASE 15 KW	1. PROVIDE WITH EMERGENCY T&P RELIEF, ROUTE DISCHARGE TO NEARBY FLOOR SINK. 2. PROVIDE WITH EXPANSION TANK, (AMTROL ST-12). 3. TEMPERATURE SETPOINT = 140 DEG. F. 4. REFER TO WATER HEATER DETAIL #9 ON SHEET P300 FOR SHUT-OFF VALVES AND PIPING SCHEMATIC.

DOMESTIC HOT WATER CIRCULATING PUMP

MARK	MANUFACTURER	MODEL	G.P.M.	HEAD- FEET	R.P.M.	HORSEPOWER	VOLTAGE / PH / HZ	NOTES:
RP1	BELL & GOSSETT	HV-BNFI	5	9	1750	1/6	120/160	1. PUMP SHALL BE CONTROLLED WITH INTERMATIC TIMER MODEL #ET171C. 2. BRASS BODY AND IMPELLER.

PIPING MATERIAL AND INSULATION SCHEDULE

APPLICATION	PIPING MATERIAL	PIPE FITTING/WELD	PIPE SCHEDULE/TYPE	INSULATION MATERIAL	INSULATION THICKNESS
GREASE WASTE:					
UNDERGROUND	CH&S, PVC	H&S, PRIMER & CEMENT	SERVICE, SCH 40		
ABOVE GRADE	CI-NO HUB, PVC	STANDARD COUPLING, PRIMER & CEMENT	SERVICE, SCH 40		
SANITARY DRAIN, WASTE & VENT					
UNDERGROUND	CH&S, PVC	H&S, PRIMER & CEMENT	SERVICE, SCH 40		
ABOVE GROUND	CI-NO HUB, PVC	STANDARD COUPLING, PRIMER & CEMENT	SERVICE, SCH 40		
DOMESTIC WATER					
UNDERGROUND CW, HW & HWR	SOFT DRAWN COPPER TUBING	ROLLED COIL (NO JOINTS UNDERGROUND)	TYPE K		
ABOVE GROUND CW, HW & HWR	HARD DRAWN COPPER TUBING	WROUGHT COPPER - SOLDER	TYPE L	FIBERGLASS	< 1" PIPE: 1/2", ≥ 1" PIPE: 1"
CONDENSATE DRAIN					
INDOORS / OUTSIDE	COPPER DWV	SOLDER	TYPE M	ARMAFLEX	
NOTES:					
1. UNDER NO CIRCUMSTANCES SHALL PVC PIPING BE USED IN RETURN AIR SPACES / PLENUMS.					
2. USE MATERIAL ONLY AS APPROVED BY AUTHORITIES HAVING JURISDICTION.					
3. INSULATION VALUES MUST MEET MINIMUM REQUIREMENT OF ENERGY CODE ADOPTED BY THE AUTHORITY HAVING JURISDICTION, OR AS LISTED HEREIN, WHICHEVER IS GREATER.					