

PLUMBING FIXTURE AND EQUIPMENT SCHEDULE

SYM.	DESCRIPTION	CONNECTIONS (IN.)			SPECIFICATION	REMARKS
		W	V	OW	HW	
E00	PLUG CLEANOUT (END OF LINE) CAST IRON BODY	WMD	-	-	CLEANOUT: SMITH 4470T	
E00	FLOOR CLEANOUT, ADJUSTABLE CAST IRON BODY TIGHT ABS PLUG SCORPED TOP	WMD	-	-	CLEANOUT: SMITH 4031L FINISH: POLISHED NICKEL BRONZE	
M00	WALL CLEANOUT CAST IRON BODY GAS/WATER TIGHT ABS PLUG STAINLESS STEEL COVER	WMD	-	-	CLEANOUT: SMITH 4422	
X00	YARD CLEANOUT, ADJUSTABLE CAST IRON BODY NO-HUB CONNECTION GAS/WATER TIGHT ABS PLUG SCORPED TOP	WMD	-	-	CLEANOUT HOUSING: SMITH 4250 CLEANOUT FERRULE: SMITH	SET IN 18" L x 18" W x 6" D CONCRETE PAD.
E01	FLOOR DRAIN CAST IRON BODY NO-HUB CONNECTION 6" DIA. TOP	WMD	-	-	DRAIN: SMITH 2005 FINISH: POLISHED NICKEL BRONZE	SEE FLOOR PLANS FOR FLOOR DRAIN SIZES
E02	FLOOR DRAIN CAST IRON BODY NO-HUB CONNECTION 7" DIA.	WMD	-	-	DRAIN: SMITH 2005 FINISH: POLISHED NICKEL BRONZE	SEE FLOOR PLANS FOR FLOOR DRAIN SIZES
E03	FLOOR DRAIN CAST IRON BODY NO-HUB BOTTOM DOME STRAINER	WMD	-	-	DRAIN: SMITH 2005 FINISH: POLISHED NICKEL BRONZE	SEE FLOOR PLANS FOR FLOOR DRAIN SIZES
E04	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E05	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E06	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E07	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E08	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E09	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E10	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E11	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E12	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E13	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E14	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E15	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E16	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E17	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E18	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E19	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E20	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E21	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E22	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E23	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E24	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E25	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E26	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E27	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E28	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E29	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E30	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E31	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E32	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E33	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E34	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E35	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E36	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E37	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E38	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E39	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E40	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E41	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E42	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E43	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E44	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E45	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E46	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E47	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E48	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E49	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E50	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E51	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E52	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E53	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E54	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E55	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E56	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E57	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E58	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E59	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E60	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E61	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E62	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E63	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E64	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E65	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E66	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E67	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E68	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E69	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E70	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E71	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E72	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E73	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E74	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E75	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E76	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E77	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E78	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E79	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E80	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E81	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E82	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E83	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E84	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E85	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E86	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E87	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E88	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E89	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E90	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E91	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E92	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E93	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E94	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E95	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E96	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E97	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E98	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E99	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	
E00	HOSE BIBB, ROOF TOP FREEZE PROOF	-	-	-	FINISH: EPDM	

PUMP SCHEDULE

SYM.	DESCRIPTION	TYPE	GPM	HEAD(FT)	ELECTRICAL DATA			SELECTION BASED ON	REMARKS	
					HP	V	PH			HZ
E01	HOT WATER CIRC. PUMP	IN-LINE	20	18	3/4	120	1	60	B&G WBF-36	1,2
E02	HOT WATER CIRC. PUMP	IN-LINE	10	8	1/8	120	1	60	B&G WBF-22	1,2
E03	DOMESTIC BOOSTER PUMP	-	100	100	3	480	3	60	HFB&G WBF-630	3,4

- REMARKS:
1. PROVIDE ADJUSTABLE AND TUNER CONTROL.
 2. PROVIDE CONNECTION POINT FOR GAS SYSTEM FOR LOW SLOTTION
 3. PROVIDE FLEXIBLE TRANSMISSION FITTINGS

CIRCUIT SETTER SCHEDULE

SYM.	DESCRIPTION	SIZE	FLOW (GPM)	SELECTION BASED ON			REMARKS
				MANUFACTURER	MODEL		
E01	CIRCUIT SETTER	3/4"	1	VICIFALC	1A		-

FLOW INDICATED ABOVE ARE ESTIMATED. THE PC SHALL OBTAIN THE SERVICES OF A TEST AND BALANCE CONTRACTOR TO BALANCE THE DOMESTIC HOT WATER CIRCULATION SYSTEM TO THE PERFORMANCE SPECIFICATIONS INDICATED ON THE PLANS AND PROVIDE THE ENGINEER WITH THREE COPIES OF A COMPLETE TEST REPORT. THE REPORT SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL. ANY ADDITIONAL TESTING, TUNING AND BALANCING REQUIRED (AT ENGINEER'S REQUEST) AFTER REVIEW OF THE INITIAL REPORT SHALL BE PROVIDED AT NO ADDITIONAL COST. TEST AND BALANCE REPORT TO BE COMPLETED BY AN INDEPENDENT, CERTIFIED TEST AND BALANCE CONTRACTOR.

GAS FIRED WATER HEATER SCHEDULE

SYM.	DESCRIPTION	STORAGE (GALLONS)	INLET PRESS. (PSI)	GPM RECOVERY	FUE	SELECTION BASED ON			REMARKS
						MANUFACTURER	MODEL		
E01	GAS FIRED WATER HEATER	100	8	199.000	223	4"	A.O. SMITH	BTH-199	1,2

- REMARKS:
1. EQUIPMENT MANUFACTURERS: LOGANNA, BRADFORD WHITE
 2. ROCK MOUNTED, DIRECT AIR INTAKE AND EXHAUST KIT
 3. PROVIDE ANTIFLOUT ST-12 EXPANSION TANK OR EQUAL

PLUMBING FIXTURE AND EQUIPMENT SCHEDULE

SYM.	DESCRIPTION	CONNECTIONS (IN.)			SPECIFICATION	REMARKS
		W	V	OW	HW	
E01	TOILET HET (HIGH EFFICIENCY TOILET) TANK TYPE 2-PIECE, 128 GPF GRAB FLUSH	4"	2"	1 1/2"	FIGURE: AMERICAN STD. 2283.012.020 SEAT: CHURCH 5500CT TANK: MCQUIRE 185-LK MATERIAL: VITREOUS CHINA	RM HEIGHT 15"
E02	TOILET HET (HIGH EFFICIENCY TOILET) TANK TYPE 2-PIECE, 128 GPF GRAB FLUSH	4"	2"	1 1/2"	FIGURE: AMERICAN STD. 2283.012.020 SEAT: CHURCH 5500CT TANK: MCQUIRE 185-LK MATERIAL: VITREOUS CHINA	RM HEIGHT 16 1/2"
E03	TOILET HET (HIGH EFFICIENCY TOILET) TANK TYPE 2-PIECE, 128 GPF GRAB FLUSH	4"	2"	1 1/2"	FIGURE: AMERICAN STD. 2283.012.020 SEAT: CHURCH 5500CT TANK: MCQUIRE 185-LK MATERIAL: VITREOUS CHINA	PROVIDE LAYER ON WIDE SIDE OF STALL SEAT HEIGHT 17"-19" AFF
E04	TOILET HET (HIGH EFFICIENCY TOILET) TANK TYPE 2-PIECE, 128 GPF GRAB FLUSH	4"	2"	1 1/2"	FIGURE: AMERICAN STD. 2283.012.020 SEAT: CHURCH 5500CT TANK: MCQUIRE 185-LK MATERIAL: VITREOUS CHINA	RM HEIGHT 15"
E05	TOILET HET (HIGH EFFICIENCY TOILET) TANK TYPE 2-PIECE, 128 GPF GRAB FLUSH	4"	2"	1 1/2"	FIGURE: AMERICAN STD. 2283.012.020 SEAT: CHURCH 5500CT TANK: MCQUIRE 185-LK MATERIAL: VITREOUS CHINA	RM HEIGHT 16 1/2"
E06	TOILET HET (HIGH EFFICIENCY TOILET) TANK TYPE 2-PIECE, 128 GPF GRAB FLUSH	4"	2"	1 1/2"	FIGURE: AMERICAN STD. 2283.012.020 SEAT: CHURCH 5500CT TANK: MCQUIRE 185-LK MATERIAL: VITREOUS CHINA	PROVIDE LAYER ON WIDE SIDE OF STALL SEAT HEIGHT 17"-19" AFF
E07	TOILET HET (HIGH EFFICIENCY TOILET) TANK TYPE 2-PIECE, 128 GPF GRAB FLUSH	4"	2"	1 1/2"	FIGURE: AMERICAN STD. 2283.012.020 SEAT: CHURCH 5500CT TANK: MCQUIRE 185-LK MATERIAL: VITREOUS CHINA	RM HEIGHT 15"
E08	TOILET HET (HIGH EFFICIENCY TOILET) TANK TYPE 2-PIECE, 128 GPF GRAB FLUSH	4"	2"	1 1/2"	FIGURE: AMERICAN STD. 2283.012.020 SEAT: CHURCH 5500CT TANK: MCQUIRE 185-LK MATERIAL: VITREOUS CHINA	RM HEIGHT 16 1/2"
E09	TOILET HET (HIGH EFFICIENCY TOILET) TANK TYPE 2-PIECE, 128 GPF GRAB FLUSH	4"	2"	1 1/2"	FIGURE: AMERICAN STD. 2283.012.020 SEAT: CHURCH 5500CT TANK: MCQUIRE 185-LK MATERIAL: VITREOUS CHINA	PROVIDE LAYER ON WIDE SIDE OF STALL SEAT HEIGHT 17"-19" AFF
E10	TOILET HET (HIGH EFFICIENCY TOILET) TANK TYPE 2-PIECE, 128 GPF GRAB FLUSH	4"	2"	1 1/2"	FIGURE: AMERICAN STD. 2283.012.020 SEAT: CHURCH 5500CT TANK: MCQUIRE 185-LK MATERIAL: VITREOUS CHINA	RM HEIGHT 15"
E11	TOILET HET (HIGH EFFICIENCY TOILET) TANK TYPE 2-PIECE, 128 GPF GRAB FLUSH	4"	2"	1 1/2"	FIGURE: AMERICAN STD. 2283.012.020 SEAT: CHURCH 5500CT TANK: MCQUIRE 185-LK MATERIAL: VITREOUS CHINA	RM HEIGHT 16 1/2"
E12	TOILET HET (HIGH EFFICIENCY TOILET) TANK TYPE 2-PIECE, 128 GPF GRAB FLUSH	4"	2"	1 1/2"	FIGURE: AMERICAN STD. 2283.012.020 SEAT: CHURCH 5500CT TANK: MCQUIRE 185-LK MATERIAL: VITREOUS CHINA	PROVIDE LAYER ON WIDE SIDE OF STALL SEAT HEIGHT 17"-19" AFF
E13	TOILET HET (HIGH EFFICIENCY TOILET) TANK TYPE 2-PIECE, 128 GPF GRAB FLUSH	4"	2"	1 1/2"	FIGURE: AMERICAN STD. 2283.012.020 SEAT: CHURCH 5500CT TANK: MCQUIRE 185-LK MATERIAL: VITREOUS CHINA	RM HEIGHT 15"
E14	TOILET HET (HIGH EFFICIENCY TOILET) TANK TYPE 2-PIECE, 128 GPF GRAB FLUSH	4"	2"	1 1/2"	FIGURE: AMERICAN STD. 2283.012.020 SEAT: CHURCH 5500CT TANK: MCQUIRE 185-LK MATERIAL: VITREOUS CHINA	RM HEIGHT 16 1/2"
E15	TOILET HET (HIGH EFFICIENCY TOILET) TANK TYPE 2-PIECE, 128 GPF GRAB FLUSH	4"	2"	1 1/2"	FIGURE: AMERICAN STD. 2283.012.020 SEAT: CHURCH 5500CT TANK: MCQUIRE 185-LK MATERIAL: VITREOUS CHINA	PROVIDE LAYER ON WIDE SIDE OF STALL SEAT HEIGHT 17"-19" AFF
E16	TOILET HET (HIGH EFFICIENCY TOILET) TANK TYPE 2-PIECE, 128 GPF GRAB FLUSH	4"	2"	1 1/2"	FIGURE: AMERICAN STD. 2283.012.020 SEAT: CHURCH 5500CT TANK: MCQUIRE 185-LK MATERIAL: VITREOUS CHINA	RM HEIGHT 15"
E17	TOILET HET (HIGH EFFICIENCY TOILET) TANK TYPE 2-PIECE, 128 GPF GRAB FLUSH	4"	2"	1 1/2"	FIGURE: AMERICAN STD. 2283.012.020 SEAT: CHURCH 5500CT TANK: MCQUIRE 185-LK MATERIAL: VITREOUS CHINA	RM HEIGHT 16 1/2"
E18	TOILET HET (HIGH EFFICIENCY TOILET) TANK TYPE 2-PIECE, 128 GPF GRAB FLUSH	4"	2"	1 1/2"	FIGURE: AMERICAN STD. 2283.012.020 SEAT: CHURCH 5500CT TANK: MCQUIRE 185-LK MATERIAL: VITREOUS CHINA	PROVIDE LAYER ON WIDE SIDE OF STALL SEAT HEIGHT 17"-19" AFF
E19	TOILET HET (HIGH EFFICIENCY TOILET) TANK TYPE 2-PIECE, 128 GPF GRAB FLUSH	4"	2"	1 1/2"	FIGURE: AMERICAN STD. 2283.012.020 SEAT: CHURCH 5500CT TANK: MCQUIRE 185-LK MATERIAL: VITREOUS CHINA	RM HEIGHT 15"
E20	TOILET HET (HIGH EFFICIENCY TOILET) TANK TYPE 2-PIECE, 128 GPF GRAB FLUSH	4"	2"	1 1/2"	FIGURE: AMERICAN STD. 2283.012.020 SEAT: CHURCH 5500CT TANK: MCQUIRE 185-LK MATERIAL: VITREOUS CHINA	RM HEIGHT 16 1/2"
E21	TOILET HET (HIGH EFFICIENCY TOILET) TANK TYPE 2-PIECE, 128 GPF GRAB FLUSH	4"	2"	1 1/2"	FIGURE: AMERICAN STD. 2283.012.020 SEAT: CHURCH 5500CT TANK: MCQUIRE 185-LK MATERIAL: VITREOUS CHINA	PROVIDE LAYER ON WIDE SIDE OF STALL SEAT HEIGHT 17"-19" AFF
E22	TOILET HET (HIGH EFFICIENCY TOILET) TANK TYPE 2-PIECE, 128 GPF GRAB FLUSH	4"	2"	1 1/2"	FIGURE: AMERICAN STD. 2283.012.020 SEAT: CHURCH 5500CT TANK: MCQUIRE 185-LK MATERIAL: VITREOUS CHINA	RM HEIGHT 15"
E23</						