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Project Title  
 Mercy Health Core  
 System of Mercy  
 FORE RIVER SHORT  
 STAY HOSPITAL



Project Number  
 F05-4898  
 Drawing Title and Number  
 PLUMBING & SCHEDULES  
**P0.00**

PLUMBING LEGEND, SYMBOLS AND ABBREVIATIONS

Symbol	Description	Detail Designation
○	CW	COLD WATER
○	HW	HOT WATER
○	HWR	HOT WATER RETURN
○	NCW	NON-POTABLE COLD WATER
○	NHW	NON-POTABLE HOT WATER
○	NHW	NON-POTABLE HOT WATER RETURN
○	S or W	SOIL OR WASTE
○	S or W	SOIL OR WASTE BELOW FLOOR
○	GW	GREASE WASTE
○	V	VENT BELOW FLOOR
○	V	VENT WATER LEADER
○	V	RAIN WATER LEADER
○	RWL	RAIN WATER LEADER BELOW FLOOR
○	TW	TEMPERED WATER
○	IW	INDIRECT WASTE
○	PD	PUMPED DISCHARGE
○	MA	MEDICAL COMPRESSED AIR
○	MA	MEDICAL VACUUM
○	MA	MEDICAL AIR INTAKE
○	MA	VACUUM EXHAUST
○	OX	OXYGEN
○	N	NITROGEN
○	NO	NITROGEN OXIDE
○	EV	NITROUS OXIDE EXHAUSTION
○	EV	HEAT TRACE/MAINTENANCE TAPE AND INSULATE
○	WC-1	PLUMBING FIXTURE DESIGNATION
○	WC-1	SHUT-OFF VALVE
○	WC-1	BALANCING VALVE
○	WC-1	PRESSURE REDUCING VALVE
○	WC-1	DIAPHRAGM VALVE
○	WC-1	VALVE IN VERTICAL
○	WC-1	CHECK VALVE
○	WC-1	HOSE END DRAIN VALVE
○	WC-1	BACKFLOW VALVE
○	DN	PIPE DOWN
○	UP	PIPE UP
○	DP	PIPE DROP
○	DP	METERS
○	W&T	WASTE AND TRAP
○	ODD	OPEN END DRAIN W/TRAP
○	CO	CLEANOUT PLUG
○	FCO	FLOOR FLOOR CLEANOUT
○	CCO	GRADE CLEANOUT
○	WCO	WALL CLEANOUT
○	NTS	NOT TO SCALE
○	W & V	WASTE AND VENT
○	S & V	SOIL AND VENT
○	LW & V	LABORATORY WASTE AND VENT
○	AFV	ABOVE FINISHED FLOOR
○	AFV	ABOVE FINISHED GRADE
○	AFV	NOT IN PLUMBING CONTRACT
○	PC	PLUMBING CONTRACTOR
○	OFI	OWNER FINISHED AND INSTALLED
○	S-01	SLOPE = 1/8" PER FOOT
○	S-02	SLOPE = 1/4" PER FOOT
○	NO	NORMALLY OPEN
○	NC	NORMALLY CLOSED
○	CSS	CLINIC SERVICE SINK
○	MSB	MAP SERVICE BASIN
○	WC	WATER CLOSET
○	UR	URINAL
○	L	LAUNDRY
○	SH	SHOWER
○	DF	DRINKING FOUNTAIN
○	ENC	ELECTRIC WATER COOLER
○	SK	SINK
○	SSK	SERVICE SINK
○	CS	CUP SINK
○	CE	CAP EXISTING PIPE
○	AP	ACCESS PANEL

PLUMBING FIXTURE SCHEDULE

SYMBOL	MANUFACTURER	MODEL	TYPE	SIZE	MATE.	FITTINGS			TRAP	CARRIER	REMARKS	
						TYPE	SUPPLY	TYPE				
WC-1	AMERICAN STANDARD	AWAL 2257.103	WALL HUNG SPROUN LET	1-1/2" TOP	SLON	111	N/A	N/A	INTERAL	FLOOR MOUNTED	SEAT-CLEANSE 58 OPEN FRONT W/CHECK HINGES	
WC-2	AMERICAN STANDARD	AWAL 2257.103	1.5 GAL. FLUSH SPOD	1-1/2" TOP	SLON	111	N/A	N/A	INTERAL	FLOOR MOUNTED	SEAT-CLEANSE 58 OPEN FRONT W/CHECK HINGES	
WC-3	AMERICAN STANDARD	AWAL 2257.194	WALL HUNG SPROUN LET 1.5 GAL. FLUSH SPOD	1-1/2" TOP	SLON	111	N/A	N/A	INTERAL	FLOOR MOUNTED	SEAT-CLEANSE 58 OPEN FRONT W/CHECK HINGES	
UR-1	AMERICAN STANDARD	UNBROOK 6601.012	WALL HUNG SPROUN LET 1.5 GAL. FLUSH SPOD	1" TOP SPOD	SLON	180-1.10	N/A	N/A	INTERAL	FLOOR MOUNTED	HANDICAPPED ACCESSIBLE	
UR-2	AMERICAN STANDARD	UNBROOK 6601.012	WALL HUNG SPROUN LET 1.5 GAL. FLUSH SPOD	1" TOP SPOD	SLON	180-1.10	N/A	N/A	INTERAL	FLOOR MOUNTED	HANDICAPPED ACCESSIBLE	
L-1	AMERICAN STANDARD	DECLIN 0221-026	WALL HUNG	19"X17"	CHICKO	895-3172	895-3172	895-3172	CHICKO 1019	PHRONE PLATED W/316 HANDLES	PHRONE PLATED W/316 HANDLES	PHRONE PLATED W/316 HANDLES
L-2	AMERICAN STANDARD	DECLIN 0221-026	WALL HUNG	19"X17"	CHICKO	895-3172	895-3172	895-3172	CHICKO 1019	PHRONE PLATED W/316 HANDLES	PHRONE PLATED W/316 HANDLES	PHRONE PLATED W/316 HANDLES
L-3	AMERICAN STANDARD	DECLIN 0221-026	WALL HUNG	19"X17"	CHICKO	895-3172	895-3172	895-3172	CHICKO 1019	PHRONE PLATED W/316 HANDLES	PHRONE PLATED W/316 HANDLES	PHRONE PLATED W/316 HANDLES
L-4	AMERICAN STANDARD	DECLIN 0221-026	WALL HUNG	19"X17"	CHICKO	895-3172	895-3172	895-3172	CHICKO 1019	PHRONE PLATED W/316 HANDLES	PHRONE PLATED W/316 HANDLES	PHRONE PLATED W/316 HANDLES
L-5	AMERICAN STANDARD	DECLIN 0221-026	WALL HUNG	19"X17"	CHICKO	895-3172	895-3172	895-3172	CHICKO 1019	PHRONE PLATED W/316 HANDLES	PHRONE PLATED W/316 HANDLES	PHRONE PLATED W/316 HANDLES
SK-1	AMERICAN STANDARD	CAJET 0425.444	WALL HUNG	19"X16"	CHICKO	895-317	895-317	895-317	CHICKO 1019	PHRONE PLATED W/316 HANDLES	PHRONE PLATED W/316 HANDLES	PHRONE PLATED W/316 HANDLES
SK-2	AMERICAN STANDARD	CAJET 0425.444	WALL HUNG	19"X16"	CHICKO	895-317	895-317	895-317	CHICKO 1019	PHRONE PLATED W/316 HANDLES	PHRONE PLATED W/316 HANDLES	PHRONE PLATED W/316 HANDLES
SK-3	AMERICAN STANDARD	CAJET 0425.444	WALL HUNG	19"X16"	CHICKO	895-317	895-317	895-317	CHICKO 1019	PHRONE PLATED W/316 HANDLES	PHRONE PLATED W/316 HANDLES	PHRONE PLATED W/316 HANDLES
SK-4	AMERICAN STANDARD	CAJET 0425.444	WALL HUNG	19"X16"	CHICKO	895-317	895-317	895-317	CHICKO 1019	PHRONE PLATED W/316 HANDLES	PHRONE PLATED W/316 HANDLES	PHRONE PLATED W/316 HANDLES
SK-5	AMERICAN STANDARD	CAJET 0425.444	WALL HUNG	19"X16"	CHICKO	895-317	895-317	895-317	CHICKO 1019	PHRONE PLATED W/316 HANDLES	PHRONE PLATED W/316 HANDLES	PHRONE PLATED W/316 HANDLES
SK-6	AMERICAN STANDARD	CAJET 0425.444	WALL HUNG	19"X16"	CHICKO	895-317	895-317	895-317	CHICKO 1019	PHRONE PLATED W/316 HANDLES	PHRONE PLATED W/316 HANDLES	PHRONE PLATED W/316 HANDLES
SK-7	AMERICAN STANDARD	CAJET 0425.444	WALL HUNG	19"X16"	CHICKO	895-317	895-317	895-317	CHICKO 1019	PHRONE PLATED W/316 HANDLES	PHRONE PLATED W/316 HANDLES	PHRONE PLATED W/316 HANDLES
SK-8	AMERICAN STANDARD	CAJET 0425.444	WALL HUNG	19"X16"	CHICKO	895-317	895-317	895-317	CHICKO 1019	PHRONE PLATED W/316 HANDLES	PHRONE PLATED W/316 HANDLES	PHRONE PLATED W/316 HANDLES
SK-9	AMERICAN STANDARD	CAJET 0425.444	WALL HUNG	19"X16"	CHICKO	895-317	895-317	895-317	CHICKO 1019	PHRONE PLATED W/316 HANDLES	PHRONE PLATED W/316 HANDLES	PHRONE PLATED W/316 HANDLES
SK-10	AMERICAN STANDARD	CAJET 0425.444	WALL HUNG	19"X16"	CHICKO	895-317	895-317	895-317	CHICKO 1019	PHRONE PLATED W/316 HANDLES	PHRONE PLATED W/316 HANDLES	PHRONE PLATED W/316 HANDLES
SH-1	AMERICAN STANDARD	SHR1	SHOWER	2"	2"	1/2"	1/2"	1/2"	1/2"	1/2"	HANDICAPPED ACCESSIBLE	
BR-1	AMERICAN STANDARD	BR1	BATH TUB	2"	2"	1/2"	1/2"	1/2"	1/2"	1/2"	HANDICAPPED ACCESSIBLE	
MSB-1	AMERICAN STANDARD	MSB-1	MAP SERVICE BASIN	3"	3"	3/4"	3/4"	3/4"	3/4"	3/4"		
ENC-1	AMERICAN STANDARD	ENC-1	ELECTRIC WATER COOLER	2"	2"	1/2"	1/2"	1/2"	1/2"	1/2"		

PLUMBING FIXTURE CONNECTION SCHEDULE

SYMBOL	FIXTURE	CONNECTIONS				REMARKS
		S	W	V	CW	
WC-1	WATER CLOSET	-	2"	1/2"	-	HANDICAPPED ACCESSIBLE
WC-2	WATER CLOSET	4"	-	1/2"	-	HANDICAPPED ACCESSIBLE
WC-3	WATER CLOSET	4"	2"	1/2"	-	W/ BFD PAN W/SE & BFD PAN LIDS
UR-1	URINAL	4"	2"	2"	1"	
UR-2	URINAL	4"	2"	2"	1"	
L-1	LAUNDRY	-	2"	2"	1/2"	
L-2	LAUNDRY	-	2"	2"	1/2"	
L-3	LAUNDRY	-	2"	2"	1/2"	
L-4	LAUNDRY	-	2"	2"	1/2"	
L-5	LAUNDRY	-	2"	2"	1/2"	
SK-1	SINK	-	2"	2"	1/2"	
SK-2	SINK	-	2"	2"	1/2"	
SK-3	SINK	-	2"	2"	1/2"	
SK-4	SINK	-	2"	2"	1/2"	
SK-5	SINK	-	2"	2"	1/2"	
SK-6	SINK	-	2"	2"	1/2"	
SK-7	SINK	-	2"	2"	1/2"	
SK-8	SINK	-	2"	2"	1/2"	
SK-9	SINK	-	2"	2"	1/2"	
SK-10	SINK	-	2"	2"	1/2"	
SH-1	SHOWER	-	2"	2"	1/2"	
BR-1	BATH TUB	-	2"	2"	1/2"	
MSB-1	MAP SERVICE BASIN	-	3"	3/4"	3/4"	
ENC-1	ELECTRIC WATER COOLER	-	2"	2"	1/2"	

EJECTOR AND SUMP PUMP SCHEDULE

TAG	DESCRIPTION	MANUFACTURER	MODEL #	INLET SIZE	DISCHARGE SIZE	VENT SIZE	NET WT	HP	VOLUME	PHASE	LOCATION	PI DIMENSIONS
SE-1	DUPLEX EJECTOR PUMPS	WEL MODEL 2233		8"	4"	4"	-	5	40	3	200/50	4' x 4' x 7'

HOT WATER CIRCULATOR SCHEDULE

TAG	MANUFACTURER	MODEL #	FLOW (GPM)	PRESSURE (HEAD)	HP	VOLUME	PHASE	REMARKS	
HC-1	TACO	#133	20	50	1/2	115	1	1725	DOMESTIC DUPLEX ASSEMBLY

DRAIN SCHEDULE

TAG	MANUFACTURER	MODEL #	QUIET SIZE	STRAINER	REMARKS
DR-X	J.R. SMITH	2110	4	--	GENERAL PURPOSE
DR-Y	J.R. SMITH	2240	4	--	MECHANICAL ROOM DRAIN
DR-Z	J.R. SMITH	1015	4	--	PRIMARY ROOF DRAIN

THERMOSTATIC MIXING VALVE SCHEDULE

TAG	DESCRIPTION	MFR	MODEL	INLET	OUTLET	REMARKS
TMV-1	MASTER MIXING VALVE (DOMESTIC)	LENOX	TMV-186-200-150-20-PH-0-1TC	2"	3"	WALL MOUNTED WITH BRACKET-MASTER MIXER

STEAM WATER HEATER SCHEDULE

TAG	MANUFACTURER	MODEL	TANK SIZE	TEMPERATURE RISE	STEAM FLOW (LB/HR)	GPM	REMARKS
WH-1	LESLIE	E1200R	--	100	50	19,200 TOTAL	DUPLEX DOMESTIC HEATERS