



FIXTURE/EQUIPMENT DESIGNATIONS: ABBREVIATIONS:




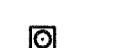








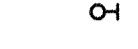



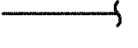

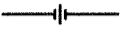

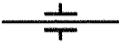






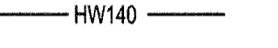
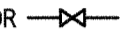
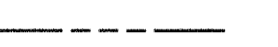
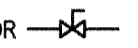
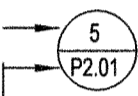


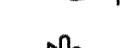
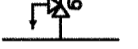

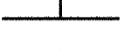

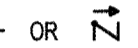
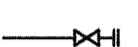




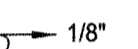

Abbrev.	Description	Abbrev.	Description
LAV-1	LAVATORY & TYPE	AFC	ABOVE FINISHED CEILING
MR-1	MOP RECEPTOR & TYPE	AFF	ABOVE FINISHED FLOOR
SK-1	SINK & TYPE	AFG	ABOVE FINISHED GRADE
WC-1	WATER CLOSET & TYPE	CFH	CUBIC FEET PER HOUR
	ELECTRIC WATER COOLER & TYPE	DWG	DRAWING
	WATER HEATER & TYPE	EC	ELECTRICAL CONTRACTOR
		FFE	FINISHED FLOOR ELEVATION FLOOR
		FLR	FLOOR
		GC	GENERAL CONTRACTOR
		HVAC	HEATING, VENTILATION AND AIR CONDITIONING
		INV	INVERT ELEVATION
		LPC	LIMIT OF PLUMBING CONTRACT
		NC	NORMALLY CLOSED
		NIC	NOT IN CONTRACT
		NTS	NOT TO SCALE
		SF	SQUARE FEET
		SCH	SCHEDULE
		TYP	TYPICAL
		VTR	VENT THROUGH ROOF

NOTES:

- HANGER SHIELD IS REQUIRED FOR ALL INSULATED PIPE.
- INSERTS SHALL BE INSTALLED BETWEEN THE PIPE AND HANGER SHIELD TO SUPPORT THE PIPE AND PREVENT THE PIPE INSULATION FROM BEING CRUSHED.

NOTE: NOT ALL SYMBOLS, ABBREVIATIONS OR DESIGNATIONS MAY REFER TO THIS PROJECT.

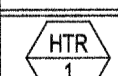
LEGEND:

Symbol	Abbrev.	Description	Symbol	Abbrev.	Description
	DN	PIPE DOWN THROUGH FLOOR		RPBP	REDUCED PRESSURE BACKFLOW PREVENTER
	UP	PIPE UP THROUGH FLOOR/ROOF ABOVE		FD-1	FLOOR DRAIN & TYPE
	WD	WALL CLEANOUT		MV-1	MIXING VALVE & TYPE
	CO	CLEANOUT		S	SANITARY PIPING BELOW GRADE (BURIED PIPING - TRENCHING AND SLAB REPAIR BY G.C.)
	FCO	FLOOR CLEANOUT		S	SANITARY PIPING ABOVE GRADE
	DCO	DANDY CLEANOUT		V	VENT PIPING BELOW GRADE (BURIED PIPING - TRENCHING AND SLAB REPAIR BY G.C.)
	CAP	CAP		V	VENT PIPING ABOVE GRADE
	PIPE BREAK	PIPE BREAK		CW	DOMESTIC COLD WATER PIPING BELOW GRADE (BURIED PIPING - TRENCHING AND SLAB REPAIR BY G.C.)
	UNION	UNION		CW	DOMESTIC COLD WATER PIPING ABOVE GRADE
	WTS	WATERTIGHT PIPE SLEEVE		HW	DOMESTIC HOT WATER PIPING
	THERMOMETER	THERMOMETER		HWC	DOMESTIC HOT WATER CIRCULATION PIPING
	PG	PRESSURE GAUGE		TP	TRAP PRIMER WATER PIPING BELOW GRADE (BURIED PIPING - TRENCHING AND SLAB REPAIR BY G.C.)
	SOV	SHUT-OFF VALVE (TYPE PER SPECS)		TP	TRAP PRIMER WATER PIPING ABOVE GRADE
	BV	BALANCING VALVE		G	NATURAL GAS PIPING
	VIV	VALVE IN VERTICAL		IW	INDIRECT WASTE PIPING
	T & P	TEMPERATURE & PRESSURE RELIEF VALVE		5	DETAIL REFERENCE
	VACUUM RELIEF VALVE	VACUUM RELIEF VALVE		HTR 1	EQUIPMENT TAG (ELECTRICAL EQUIPMENT)
	PRV	PRESSURE REDUCING VALVE			
	CV	CHECK VALVE			
	DV	DRAIN VALVE W/VACUUM BREAKER			
	FLOW ARROW	FLOW ARROW			
	WM	WATER METER			
	GM	GAS METER			
	1/8"	PIPE SLOPE INDICATOR (DN/FT)			
	TB	THRUST BLOCK			
	AP	ACCESS PANEL			
	W&T	WASTE AND TRAP			
	SA-A	SHOCK ABSORBER & TYPE			
	HB-A	HOSE BIBB & TYPE			
	WH-A	WALL HYDRANT & TYPE			

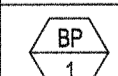
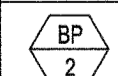
DRAIN SCHEDULE			
FIXTURE DESIG.	MANUFACTURER & MODEL	DESCRIPTION	REMARKS
FD-1	JAY R. SMITH FIG. 2230C-P050	CAST IRON BODY AND FLASHING COLLAR WITH CAST IRON MEDIUM DUTY GRATE AND SLOTTED SEDIMENT BUCKET	TRAP PRIMER, PRECISION PLUMBING PRODUCT MODEL PR-500. INSTALL IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS

PLUMBING FIXTURE SCHEDULE														
FIXTURE DESIG.	DESCRIPTION	MOUNTING	H / C	FIXTURE	TRIM	STOP	TRAP	CARRIER	WASTE	VENT	COLD WATER	HOT WATER	TEMPERED WATER	REMARKS
WC-1	WATER CLOSET (FLUSH TANK)	FLOOR	YES	CAROMA CARAVELLE MODEL 305. DUAL FLUSH HIGH EFFICIENCY TWO-PIECE ULTRA LOW FLUSH TOILET	COORDINATE TRIP LEVER LOCATION W/ WIDE SIDE OF TOILET FOR HANDICAP ACCESSIBILITY	LOOSE KEY WITH C.P. ESCUTCHEON	INTEGRAL	----	4"	2"	1/2"	--	--	PROVIDE CAROMA CARAVELLE 2000 SEAT - WHITE PROVIDE CLOSET FLANGE, BOLTS & WAX RING
LAV-1	LAVATORY	WALL	YES	ELIER MODEL No. 051-3514 (20"x17") x 4" CENTERS	DELTA MODEL 86T1153 SENSOR FAUCET SLOAN	HEAVY DUTY C.P. MCGUIRE #170 WITH BRASS STEMS WALL ESCUTCHEON	PROVIDE MCGUIRE No. 159WC OFFSET GRID STRAINER WITH 1-1/4"x1-1/2" C.P. SLIP JOINT TUBULAR TRAP WALL ESCUTCHEON	J.R. SMITH #0700-M31	1-1/2"	1-1/2"	1/2"	1/2"	--	INSULATE EXPOSED HW, CW & WASTE PIPING UNDERNEATH
SK-1	SINK	COUNTER	YES	ELKAY LRAD-2219-60-4 (22"x19.5"x6" D) 4-HOLE 18 GAUGE 302 STAINLESS STEEL SINGLE BOWL, OFF-CENTERED REAR DRAIN	DELTA MODEL 400 WITH HOSE SPRAY	HEAVY DUTY C.P. LOOSE KEY WALL ESCUTCHEON	1-1/2" C.P. SLIP JOINT TUBULAR TRAP	NONE	1-1/2"	1-1/2"	1/2"	1/2"	--	
MR-1	MOP RECEPTOR	FLOOR	NO	FIAT MSB-2424	CHICAGO #897 MIXING W/VACUUM BREAKER WALL BRACE INLET STOPS	INTEGRAL IN SHANKS	3" CAST IRON	NONE	3"	2"	1/2"	1/2"	--	PROVIDE FIAT PRODUCTS: MSG-2424 STAINLESS STEEL WALL GUARDS (3 SIDES), E-77-A BUMPER GUARD AND 832-4A HOSE & HOSE BRACKET

*NOTE: MODEL NUMBERS AND MANUFACTURERS ARE INTENDED TO ESTABLISH A STANDARD OF QUALITY. SEE RELATED SPECIFICATION SECTIONS.

WATER HEATER SCHEDULE												
TAG NO.	SERVICE/ LOCATION	GALLONS STORAGE	RECOVERY RATE GPH 40°-140°	NATURAL GAS DATA		FLUE DIA.	ELECTRICAL DATA			BASIS OF DESIGN		REMARKS
				MIN. INLET PRESS. (W.C.)	INPUT (CFH)		KW	MOTOR HP	VOLTS	MANUFACTURER	MODEL NO.	
	DOMESTIC/ REFER TO PLANS	20	10	-	-	-	2.5	-	208/1/60	A. O. SMITH	DEL-20	ADJUST STORAGE TEMPERATURE TO 140°F.

INSULATION SHIELD LENGTH				
PIPE SIZE	INSULATION THICKNESS			GAUGE
	1/2"	3/4"	1"	
1/2" TO 3"	12"	12"	12"	18
4"	12"	12"	12"	16
5"	18"	18"	18"	16
6"	18"	18"	18"	16
8" TO 14"	24"	24"	24"	14

BOOSTER PUMP SCHEDULE													
TAG No.	DESCRIPTION	LOCATION	FLUID		GPM (TOTAL)	HEAD (FT.)	MIN. % EFF.	ELECTRICAL			BASIS OF DESIGN		REMARKS
			TYPE	TEMP. (°F)				RPM	HP	VOLTS	MANUFACTURER	MODEL NO.	
	BOOSTER PUMP	MECHANICAL ROOM	WATER	40-70	5	140	-	-	1	230/1/60	WALRUS	T0800	PROVIDE CONTROL PANEL
	BOOSTER PUMP	MECHANICAL ROOM	WATER	40-70	15	90	-	-	1	230/1/60	WALRUS	T0800	PROVIDE CONTROL PANEL


SHOCK ABSORBER SCHEDULE			
TYPE	FIXTURE UNIT RATING	BASIS OF DESIGN	
		MANUFACTURER	FIGURE NO.
SA-1	1-11	JAY R. SMITH	5005
SA-2	12-32	JAY R. SMITH	5010
SA-3	33-60	JAY R. SMITH	5020

OWNER REVIEW

NAME _____ DATE _____

05.30.08 ISSUED FOR BID

NO. DATE DESCRIPTION
ISSUE LOG

 = CLOUDED CHANGE



1410 Congress Street
Portland, ME 04102

PLUMBING LEGEND & SCHEDULES

SCALE NTS
DRAWN BY IGL
CHECKED BY
PROJ. ARCH./ ENGR. JR/IGL
PROJ. MGR. PJB
JOB NO. 07133.01
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