

PLUMBING FIXTURE SCHEDULE

TAG	TYPE	SIZES			REMARKS	MTG HGT TO RIM (OR AS NOTED)
		BRANCH CW	H/W	V		
P-1	WATER CLOSET-REG	1/2"	2"	4"	FL MTD, FL OUTLET, VTR CHINA, SIPHON JET, ELONG BOWL, 14" RIM, PRESSURIZED TANK TYPE, OPEN FRONT H. D. SEAT, LESS COVER.	---
P-1B	WATER CLOSET-BF	1/2"	2"	4"	FL MTD, FL OUTLET, VTR CHINA, SIPHON JET, ELONG BOWL, 17" RIM, PRESSURIZED TANK TYPE, OPEN FRONT H. D. SEAT, LESS COVER.	---
P-2	LAVATORY-REG	1/2"	1 1/2"	1 1/2"	INTEGRAL COUNTERTOP LAVATORY PROVIDED UNDER ANOTHER DIV OF THE CONTRACT. PLBG CONTR SHALL DRILL HOLES & PROVIDE 4" CTR FAUCET, SUPPLIES & WASTE TO WALL (INSULATED), 4" CTR, SGL LEVER H&C FAUCET, SPECIAL FAUCET HANDLE FOR BF USE.	IN COUNTER
P-2B	LAVATORY-BF	1/2"	1 1/2"	1 1/2"	INTEGRAL COUNTERTOP LAVATORY PROVIDED UNDER ANOTHER DIV OF THE CONTRACT. PLBG CONTR SHALL DRILL HOLES & PROVIDE 4" CTR FAUCET, SUPPLIES & WASTE TO WALL (INSULATED), 4" CTR, SGL LEVER H&C FAUCET, SPECIAL FAUCET HANDLE FOR BF USE.	34"
P-3	BATHUB-REG	1/2"	1 1/2"	2"	RECESSED 60"x31" 1/2"x84" OVERALL, 18" HIGH APRON, ACRYLIC, SLIP-RESISTANT BOTTOM, INTEGRAL SURROUND/TOP, BATH/SHOWER TRIM W/PRESSURE BALANCED MIXING VALVE.	SEE DET "R", SHT P11
P-3B	BATHUB-BF	1/2"	1 1/2"	2"	RECESSED 60"x31" 1/2"x84" OVERALL, 18" HIGH APRON, ACRYLIC, SLIP-RESISTANT BOTTOM, INTEGRAL SURROUND/TOP, BATH/SHOWER TRIM W/PRESSURE BALANCED MIXING VALVE.	SEE DET "S", SHT P11
P-4	ROLL-IN SHOWER-BF	1/2"	1 1/2"	2"	RECESSED 60"x32" 1/2"x84" OVERALL, 18" HIGH APRON, ACRYLIC, SLIP-RESISTANT BOTTOM, INTEGRAL SURROUND/TOP, BF BATH/SHOWER TRIM W/PRESSURE BALANCED MIXING VALVE.	SEE DET. "T", SHT P11
P-5	KITCHEN SINK-REG	1/2"	1 1/2"	1 1/2"	MTD IN COUNTER, 25" X 22" X 7 1/4" DEEP, 18 GA S/S, SGL COMPART, SELF-RIMMING, 8" CTR GOOSENECK SWING FAUCET W/BLADE HANDLES & SPRAY IN ESCUTOHEON; 4 FAUCET HOLES.	IN COUNTER
P-5B	KITCHEN SINK-BF	1/2"	1 1/2"	1 1/2"	MTD IN COUNTER, 25" X 22" X 8" DEEP, 18 GA S/S, SGL COMPART, SELF-RIMMING, 8" CTR GOOSENECK SWING FAUCET W/BLADE HANDLES & SPRAY; 4 FAUCET HOLES.	IN COUNTER
P-6	KITCHEN SINK-REG	1/2"	1 1/2"	1 1/2"	MTD IN COUNTER, 22" X 22" X 7 1/4" DEEP, 18 GA S/S, SGL COMPART, SELF-RIMMING, 8" CTR GOOSENECK SWING FAUCET W/BLADE HANDLES & SPRAY IN ESCUTOHEON; 4 FAUCET HOLES.	IN COUNTER
P-6	MOP RECEPTOR	3/4"	2"	3"	FL MTD, MOLDED STONE, 24" X 36" X 10" HIGH, INTEGRAL 3" DRAIN AT CTR, WALL MTD 8" CTR FAUCET W/YB, INTEGRAL STOPS, HOSE END SPOUT & 3" HOSE, MOP HGR, RIM GUARDS.	36" TO FAUCET ⅈ
P-7	DISHWASHER HOOKUP	-	1/2"	2"	DISHWASHER FURNISHED BY OWNER, PLBG CONTR TO PROVIDE AIR GAP FITTING FOR PUMPED WASTE DISCHARGE. FLEX METAL CLAD RUBBER SUPPLY HOSE, VLV'S & FITS NECESSARY TO ASSURE A COMPLETE, OPERATIONAL INSTALLATION.	SEE DET "P", SHT P10
P-8	CLOTHES WASHER HOOK-UP	1/2"	1 1/2"	2"	CLOTHES WASHER SUPPLY/ DRAIN ASSEMBLY, RECESSED IN WALL, SGL LEVER WATER CONTROL VLV, 3/4" HPT OUTLETS, OVERFLOW TRAY W/2" DRAIN, WALL FACE PLATE.	SEE DET "M", SHT P10
P-9	WALL HYDRANT	3/4"	-	-	NON-FREEZE, ANTI-SIPHON, AUTOMATIC DRAINING BOX FOR FLUSH RECESSED INSTALLATION, INTORL BFP, BRONZE INTRNL. PARTS, 3/4" SOLDER INLET, C.P. BOX, HINGED COVER W/KEY.	24" MIN. ABV GRADE TO ⅈ

PUMP SCHEDULE

TAG#	TYPE	LOCATION	SERVES	GPM	HD. FT.	MOTOR		MANUFACTURER	MODEL
						RPM	HP		
RCP-1	CIRCULATING	BOILER ROOM	HOT WATER RETURN	4	13	3250	1/25	TACO # 008B W/1" FLANGED CONNS; BRONZE	
RCP-2	CIRCULATING	BOILER ROOM	HEATER COIL CIRCULATOR	28	22	1725	1/20	TACO # 132 W/3" FLANGED CONNS; CAST IRON	
SP-1	SUBMERSIBLE PUMP	ELEVATOR SHAFT	ELEVATOR	50	8	3600	1/2	STANCOR MODEL S550 PUMP FACTORY ASSEMBLED, "ON-MINER" SYSTEM INCL LEVEL CONTR SET FOR 15" PUMP TURN-ON & HIGH WATER ALARM SET FOR 22" SOLIDS "AQUABOOST" MOD. PACKAGED BOOSTER ASSEMBLIES CONSISTING OF S/S PUMPS W/VARIABLE SPEED CONTROLLERS, PRESSURE TRANSducers, DRAINAGE VALVES, PRESSURE SENSORS, PRESSURE TRANSDUCERS, DRAINAGE ACCESSORIES, THREE (3) BOOSTER ASSEMBLIES, RED FOR A MAX PREPARABLE DEMAND OF 150 GPM. SET START PRESSURES ON ⅈ PUMP SO THAT SEQUENCE STARTUP IS ACHIEVED TO MATCH DEMAND.	
BP-1 BP-2 BP-3	CENTRIFUGAL VARIABLE SPEED, CONSTANT PRESS. BOOSTER ASMBLY	TRASH ROOM	ENTIRE BUILDING	500	58	3			

WATER HEATER SCHEDULE

TAG #	TYPE	LOCATION	SERVES	ENTERING H ₂ O TEMP. ° F	BOILER H ₂ O TEMP. ° F (MIN)	RECOVERY	STORAGE	SIZES			REMARKS	
								BRANCH	HW	H O		
WH-1 WH-2	INDIRECT FIRED STORAGE	BOILER ROOM	ALL DOM. HOT WATER	40	180	85	330 GPH PER HEATER	1200	2 1/2"	1"	2" S&R	SUPERSTOR "ULTRA" MOD. SSI-120, INSTALL PER MFR'S INSTRUCTIONS, PIPE PER DET "D", SHT P10 NOTE: BOILER WATER 14.0 GPM TO EACH HEATER

GENERAL NOTES

- ALL PLUMBING FIXTURES SHALL BE BACK VENTED. PITCH ALL HORIZONTAL VENT PIPING TO DRAIN.
- ALL PLUMBING SHALL BE IN ACCORDANCE WITH THE MAINE STATE INTERNAL PLUMBING CODE OR THESE PLANS WHICH EVER IS MORE STRINGENT.
- ALL PIPING IS SHOWN DIAGRAMATICALLY AND MAY BE RELOCATED TO BEST FIT ACTUAL CONDITIONS WITH APPROVAL OF THE ARCHITECT & ENGINEER.
- CAREFULLY COORDINATE LOCATION OF ALL PIPING WITH THE HEATING AND ELECTRICAL CONTRACTORS AS WELL AS ANY OTHER CONTRACTORS, WHERE CONCURRENT WORK MAY PRESENT POTENTIAL CONFLICTS. IN ADDITION, CAREFULLY COORDINATE PIPING RUNS WITH STRUCTURAL MEMBERS & CONDITIONS.
- ALL HOT & COLD WATER PIPING NOT BURIED OR SPECIFIED OTHERWISE SHALL BE INSULATED.
- PROVIDE SHOCK ABSORBERS TO AVOID WATER HAMMER, AS REQUIRED, AND WHERE SHOWN ON THE DRAWINGS, CONFORMING WITH P.D.I. STANDARDS. THE ABSENCE OF "SHOWN" SHOCK ABSORBERS ON THE DRAWINGS SHALL NOT BE CONSTRUED TO IMPLY THAT THEY ARE NOT NEEDED. SHOCK ABSORBERS MUST BE INSTALLED AT ALL LOCATIONS AS REQUIRED BY THE P.D.I. STANDARDS.
- ALL PIPING SHALL RUN CONCEALED ABOVE CEILINGS, IN WALLS AND CHASES OR EXPOSED IN MECHANICAL AREAS, UNLESS NOTED OTHERWISE.
- ALL SANITARY WASTE PIPING, 4" AND LARGER, SHALL PITCH 1/8"/FT. AND ALL SANITARY WASTE PIPING 3" AND SMALLER SHALL PITCH 1/4"/FT., UNLESS OTHERWISE NOTED.
- THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL PIPE SLEEVES FOR HIS WORK, AS REQUIRED, FOR ALL CONCRETE AND MASONRY WALLS.
- ALL SHUTOFF & SECTIONALIZING VALVES 1" AND SMALLER SHALL BE BALL VALVES AS SPECIFIED IN SECTION 15010 OF THE SPECIFICATIONS.
- WHERE RUNS OF PIPING PASS ACROSS BUILDING EXPANSION JOINT LOCATIONS, PROVIDE ALLOWANCE FOR MOVEMENT OF BUILDING STRUCTURE TO MEET SEISMIC AREA 2A REQUIREMENTS.
- FOR EXACT LOCATIONS OF PLUMBING FIXTURES, SEE ARCHITECTURAL DRAWINGS.
- THE PLUMBING CONTRACTOR SHALL FURNISH & LOCATE NEEDED ACCESS PANELS TO BE INSTALLED UNDER ANOTHER DIVISION OF THIS CONTRACT.
- PROVIDE ACCESSIBLE CLEANOUTS AT THE BASE OF SANITARY STACKS & ROOF LEADERS.
- FOR CLARITY, SOME PIPING WHICH SHOULD BE INSTALLED WITHIN CHASES OR PARTITIONS, MAY BE SHOWN JUST OUTSIDE THESE CONTAINMENTS. IT IS THE PLUMBING CONTRACTOR'S RESPONSIBILITY TO ASSURE THAT ALL PIPING IS INSTALLED WITHIN PROPER CONTAINMENTS.
- LONG STRAIGHT RUNS OF HOT WATER & RECIRCULATING HOT WATER PIPING SHALL BE PROVIDED WITH A LOOP FOR EXPANSION COMPENSATION FROM TEMPERATURE DIFFERENCES. WHERE ROOM ALLOWS EXPANSION SUCH ROOM IS ACCORDING TO THE COPPER DEVELOPMENT ASSOCIATION, INC. GUIDELINES SHALL BE USED. WHEN PROVIDE NECESSARY ANCHORS & GUIDES AS REQUIRED.

ABBREVIATIONS

AC	AT OR ABOVE CEILING	HGT	HEIGHT
ACB	ABOVE CEILING BELOW	HPT	HOSE PIPE THREAD
ADT	APPROXIMATELY	HW	HOT WATER
AP	APPROXIMATELY	INCL	INCLUDING
APR	APPROXIMATELY	INVT	INVERT
BC	BALANCING COCK	INV EL	INVERT ELEVATION
BF	BARRIER FREE	IRN	IRON PIPE SIZE
BFL	BELOW RAISED FLOOR	MTG	MOUNTING
BRF	BELOW RAISED FLOOR	MTG	MOUNTING
C	COLD WATER	NIC	NOT IN CONTRACT
CW	COLD WATER	NFT	NATIONAL PIPE THREAD
CLG	CEILING	PDI	PLUMBING & DRAINAGE INSTITUTE
CNTR	COUNTER; COUNTERTOP	REG	REGULAR
CO	CLEANOUT	S	SOIL
CONN	CONNECT; CONNECTION	SA	SHOCK ABSORBER OF PDI SIZE (") AS INDICATED
CONN	CONNECT; CONNECTION	SD	STORM DRAIN
CONT	CONTINUE; CONTINUATION	SK	SINK
C.P.	CHROME PLATED	SK	SINK
CTE	CONNECT TO EXISTING	SO	SQUARE FEET
CTR	CENTER	STL	STEEL
CTE	CONNECT TO EXISTING	S/O	SHUT OFF
DIA	DIAMETER	S/S	STAINLESS STEEL
DN	DOWN	SPR	SPRINKLER
DWG	DRAWING	TYP	TYPICAL
EL. ELEV	ELEVATION	UC	UNDER COUNTER
ELONG	ELONGATED	VB	VACUUM BREAKER
EXIST	EXISTING TO REMAIN	VLV	VALVE
FBO	FURNISHED BY OTHERS	W	WASTE
FCO	FLOOR CLEANOUT	W/	WITH
FD	FLOOR DRAIN	WCO	WALL CLEANOUT
FIN	FINISH	W	WALL
FIT	FITTING	W	WALL
FTG	FITTING	W	WALL
GALV	GALVANIZED	W	WALL
GPM	GALLONS PER MINUTE	W	WALL
H/C	HANDICAP ACCESS (BARRIER FREE)	W	WALL
HDC	HANDICAP ACCESS (BARRIER FREE)	W	WALL
H.D.	HEAVY DUTY	W	WALL

LEGEND

	COLD WATER PIPING ABOVE GROUND
	COLD WATER PIPING BELOW GROUND
	120°F HOT WATER RETURN PIPING ABOVE GROUND
	SANITARY PIPING ABOVE GROUND
	STORM DRAIN PIPING ABOVE GROUND
	STORM DRAIN PIPING BELOW GROUND
	VENT PIPING BELOW GROUND
	FORCE MAIN PIPING
	TRAP PRIMER PIPING ABOVE GROUND
	TRAP PRIMER PIPING BELOW GROUND
	NATURAL GAS PIPING ABOVE GROUND
	NATURAL GAS PIPING BELOW GROUND
	ELBOW UP / TOWARD
	TEE DOWN / AWAY
	TEE UP / TOWARD
	WASTE W / CLEAN-OUT
	FLOOR CLEAN-OUT (ABOVE 1/4 BEND)
	PIPE ANCHOR
	UNION
	SHOCK ABSORBER (WATER HAMMER ARRESTER)
	STRAINER
	FLOOR CLEANOUT
	GATE VALVE
	BALANCING COCK
	PRESSURE REDUCING VALVE
	GLOBE VALVE
	CHECK VALVE
	BALL VALVE
	DRAIN VALVE
	WALL HYDRANT (LAWN FAUCET)
	TYPICAL FIXTURE NUMBER
	DETAIL REFERENCE
	SANITARY RISER NUMBER

DRAWING NOTE:

SYMBOLS & ABBREVIATIONS SHOWN ON THIS SHEET ARE FOR REFERENCE ONLY & DO NOT INDICATE THEIR INCORPORATION INTO THE PROJECT DRAWINGS.

FOR
SUBMISSION
7-12-05

P1

WALKER TERRACE

PLUMBING
LEGEND, NOTES
& SCHEDULES

Date: 7-12-05
Scale: AS NOTED
Checked By: AWM

Revisions:
Drawn By: CLC

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