

## PLUMBING FIXTURE SCHEDULE

TAG	TYPE	BRANCH SIZES			REMARKS *	MTG HGT TO RIM (OR AS NOTED)
		CW	HW	W		
P-1	WATER CLOSET-REG	1/2"	2"	4"	AMERICAN-STANDARD #2333,100, FL MTD, FL OUTLET, VTR CHINA, SIPHON JET, ELONG BOWL, 14" RIM, PRESSURE-ASSISTED TANK TYPE, OPEN FRONT H. D. SEAT, LESS COVER.	----
P-2	WATER CLOSET-BF	1/2"	2"	4"	AMERICAN STANDARD #2377,100, FL MTD, FL OUTLET, VTR CHINA, SIPHON JET, ELONG BOWL,16 1/2" RIM, PRESSURE-ASSISTED TANK TYPE, OPEN FRONT H. D. SEAT, LESS COVER.	----
P-3	URNAL - REG & BF	3/4"	1 1/2"	2"	AMERICAN-STANDARD #6561,017, WALL MTD, WALL OUTLET, VTR, CHINA, SIPHON JET FLUSH RIM, 3/4" TOP SPUD, 2" THREADED OUTLET, CARRIER SUPPORT, FLUSH VLV W/VB.	22" - REG 17" - BF
P-4	LAVATORY-REG & BF	1/2"	1/2"	1 1/2"	AMERICAN-STANDARD #0478,028, COUNTER MTD, VTR, CHINA, 20 1/2" X 17", SELF-RIMMING, SUPPLIES & WASTE TO WALL (INSULATED), 4" CTR, SGL LEVER H&C FAUCET, SPECIAL FAUCET HANDLE FOR BF USE.	IN COUNTER SEE DET. "K", SHT P4
P-5	LAVATORY-REG	1/2"	1/2"	1 1/2"	ELIER #091-1404, WALL MTD, VTR, CHINA, 15 1/2" X 15 1/2", CORNER TYPE, SUPPLIES & WASTE TO WALL, 4" CTR, SGL LEVER H&C FAUCET.	31"
P-6	MOP RECEPTOR	3/4"	3/4"	3"	FIAT #MSB-2424, FL MTD, MOLDED STONE, 24" X 24" X 10" HIGH, INTEGRAL 3" DRAIN AT CTR, WALL MTD 8" CTR FAUCET W/VB, INTEGRAL STOPS, HOSE END SPOUT & 3" HOSE, MOP HGR, RIM GUARDS.	36" TO FAUCET C
P-7	HOSE BIBB	3/4"	-	-	CHICAGO FAUCET #392-CP, INSIDE SILL FAUCET W/3/4" MALE NPT OUTLET & 3/4" FEMALE NPT INLET; LOOSE KEY OPERATOR. WAITS #8AC, 3/4" HPT HOSE CONNECTION VACUUM BREAKER W/NON-REMOVABLE FEATURE.	18" TO FAUCET C
P-8	WALL HYDRANT	3/4"	-	-	WOODFORD #026,ANTI-SIPHON, AUTOMATIC DRAINING BOX TYPE FOR FLUSH RECESSED INSTALLATION, INTEGRAL BFT, BRONZE FINISH, RINGED COVER W/ACT.	24" AFF TO C

\* MFR'S MODEL NOS. ARE SHOWN TO INDICATE THE TYPE, STYLE & QUALITY OF FIXTURE FOR THE PROJECT. OTHER FIXTURE MANUFACTURER'S MODELS MAY BE SUBSTITUTED WITH APPROVAL OF THE ARCHITECT/ENGINEER.

## WATER HEATER SCHEDULE

TAG #	TYPE	LOCATION	SERVES	NAT. GAS INPUT (MBH)	ENTERING TEM. °F	ΔT	RECOVERY CAP. @ 100°F	BRANCH SIZES			MFR	MODEL	REMARKS
								CW	HW	HW			
WH-1	ATMOSPHERIC GAS FIRED STORAGE	KIT. BACK RM. ALL DOM. HOT WATER	120	40	100	116	GPH	71	1 1/2"	1 1/2"	---	A.O. SMITH MOD. BTR-120, INSTALL PER MFR'S INSTRUCTIONS; PIPE PER DET "N", SHT. P4	

## MIXING VALVE SCHEDULE

TAG #	TYPE	LOCATION	SERVES	INLET SIZES	OUTLET SIZE	BRANCH SIZES		OUTLET TEMP.	REMARKS
						CW	HW		
MV-1	THERMOSTATIC MIXER A.S.S.E. 1016 LISTED	EA. LAV & HAND WASH SERVICED W/40" H.W.	3/8"	3/8"	3/8"	3/8"	3/8"	ADJUST TO NO. GREATER THAN 115F	WAITS SERIES US5-B, INTEGRAL INLET STOPS, FAIL SAFE ON HOT WATER FAILURE, 3/8" MALE COMPRESSION CONNS.

## FOOD SERVICE EQUIPMENT (FBO) \*

TAG	TYPE	LOCATION	SERVES	BRANCH SIZES	REMARKS
[3]	RANGE	-	-	1"	SOUTHBEND MOD 4600D--2RR W/4 OPEN TOP BURNERS, 2 OVENS, 1 GRIDDLE--BROILER & OPTIONAL HOT PLATE. GAS CONN: 3/4" NPT FEMALE. INPUT CAP: 279.5 MBH
[5]	CHARBROILER	-	-	3/4"	STAR-MAX MOD. 6136R0BD, 3 BURNERS @ 40 MBH; GAS CONN: 3/4" NPT MALE. INPUT CAP: 120 MBH
[12]	SOILED DISHTABLE	3/4"	3/4"	2"	ADVANCE MOD. DTU-U60-72L W/SINK, PRE-RINSE SPRAY UNIT (1/2" NPT FEMALE INLETS).
[13]	DISHWASHER	-	3/4"	2"	HOBART MOD. LXH W/BUILT-IN BOOSTER HEATER, SUPPLY HOSE & DRAIN HOSE, PLBG CONTR SHALL PROVIDE AIR GAP FTG, SHOCK ARRESTER & MISC FTGS AS PER DET "P", SHT P4.
[15]	ICE MAKER	1/2"	1/2"	2"	SCOTSMAN MOD. CME456WS-1C ICE MACHINE & MOD. BH550 STORAGE BIN W/ 1/2" FPT CONDENSER DRAIN, 3/4" FPT SUMP DRAIN, 3/4" FPT BIN DRAIN & 3/8" FLARE WATER CONNS.
[17]	HAND WASH SINK	1/2"	1/2"	2"	ADVANCE MOD. 7--PS-60 WALL MTD S/S SINK W/ BACKSPASH MTD GOOSENECK FAUCET & BASKET STRAINER. PLBG CONTR PIPES & PROVIDES SUPPLY STOPS & TRAP. SEE DET "K", SHT P4
[18]	3 COMPARTMENT SINK	3/4"	3/4"	2"	ADVANCE MOD. FC-3-1818-1BRRL W/ DRAINBOARDS EA. SIDE & T&S MOD. B-0231-CC SWING MIXING FAUCET. PLBG CONTR. TO PIPE & PROVIDE SUPPLY STOPS, LEVEL WASTES & TRAP.
[23]	HAND WASH SINK	1/2"	1/2"	2"	ADVANCE MOD. DI-1-25 SELF-RIM S/S SINK W/ FAUCET & BASKET DRAIN. PLBG CONTR TO PIPE & PROVIDE SUPPLY STOPS & TRAP. SEE DET. "K", SHT P4
[26]	HAND WASH SINK	1/2"	1/2"	2"	KROWNE MOD. 18-1C S/S W/ S/S LEGS, SPLASH MTD FAUCET & 1 1/2" DRAIN. PLBG CONTR TO PIPE & PROVIDE SUPPLY STOPS.
[28]	4 COMPARTMENT BAR SINK	1/2"	1/2"	4 - 1" IW	KROWNE MOD. 18-74C-4-COMP S/S SINK W/ S/S LEGS, SPLASH MTD FAUCET & 1" IPS DRAIN CONNS. PLBG CONTR TO PIPE TO I.W. & PROVIDE SUPPLY STOPS.
[29]	GLASS RACK	-	-	-	KROWNE MOD. 18--GS81 S/S STANDARD GLASS STORAGE BIN. PLBG CONTR TO PIPE 1" IPS DRAIN TO FLOOR DRAIN.
[30]	COCKTAIL STATION	-	-	1/2" IW	KROWNE MOD. 18--36-7 S/S STANDARD ICE BIN. PLBG CONTR. TO PIPE 1/2" IPS DRAIN TO FLOOR DRAIN.
[31]	DRAFT BEER UNIT	-	-	IW	TRUE MOD. TDD-4 DIRECT DRAW BEER DISPENSER W/ S/S TOP & DRIP TRAY. PLBG CONTR TO PIPE WASTE FROM DRIP TRAY TO SPILL INTO FLOOR DRAIN.
[32]	COCKTAIL STATION	-	-	1/2" IW	KROWNE MOD. 18--24-7 S/S STANDARD ICE BIN. PLBG CONTR. TO PIPE 1/2" IPS DRAIN TO FLOOR DRAIN.

\* SEE PERKINS MECHANICAL CONNECTION PLAN, SHT NO. TB--0506.

## 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 SPECIFIED OTHERWISE SHALL BE INSULATED W/1" FIBERGLASS & ASI. MECHANICAL AREAS, UNLESS NOTED OTHERWISE.
- 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 15400 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 MEANS FOR EXPANSION COMPENSATION FROM TEMPERATURE DIFFERENCES. WHERE ROOM ALLOWS, EXPANSION SOUP-BLINDS OR LOOPING SHALL BE DEVELOPED. IN CASE OF DEVELOPMENT, INCLUDE LINES SHALL BE USED. WHEN SOUP-BLINDS OR LOOPING ARE DEVELOPED, EXPANSION ANCHORS, AS DESCRIBED IN THE SPECIFICATIONS SHALL BE EMPLOYED, PROVIDE NECESSARY ANCHORS & GUIDES AS REQUIRED.

## ABBREVIATIONS

AC	AT OR ABOVE CEILING	HGT	HEIGHT
ACB	AMERICAN WITH DISABILITIES ACT	HPT	HOSE PIPE THREAD
ADA	ACCESS PANEL	HW	HOT WATER
AP	APPROXIMATELY	INCL	INCLUDING
APPROX	BARRIER FREE	INVT	INVERT
BC	BALANCING COCK	INV EL	INVERT ELEVATION
BF	BELOW FLOOR	IPS	IRON PIPE SIZE
BFL	BELOW FLOOR OVERLAP	MIN	MINIMUM
BRF	BELOW RAISED FLOOR	MTG	MOUNTING
C	COLD WATER	NIC	NOT IN CONTRACT
C, CW	CEILING	NPT	NATIONAL PIPE THREAD
CLG	COUNTER; COUNTERTOP	PDI	PLUMBING & DRAINAGE INSTITUTE
CO	CLEANOUT	PRV	PRESSURE REDUCING VALVE
CO2	CONNECT; CONNECTION	REG	REGULATED
CONN	CONNECT; CONNECTION	S	SOIL
CONT	CONTINUE; CONTINUATION	SA--"	SHOCK ABSORBER OF PDI SIZE (" ) AS INDICATED
C.P.	CHROME PLATED	SD	STORM DRAIN
CTR	CENTER	SGL	SINGLE
DI	DRAIN	SHT	SHEET
DIT	DRAIN	SHT	SHEET
DN	DOWN	SQ	SQUARE
DN	DOWN	FT	FEET
DWG	DRAWING	STL	STEEL
EL, ELEV	ELEVATION	S/O	SHUT OFF
ELONG	ELONGATED	S/S	STAINLESS STEEL
EXIST	EXISTING TO REMAIN	TYP	TYPICAL
FBO	FURNISHED BY OTHERS	UC	UNDER COUNTER
FCO	FLOOR CLEANOUT	UG	UNDER GROUND
FD	FLOOR DRAIN	V	VENT
FN	FINISH	VB	VACUUM BREAKER
FIN	FINISH	VLV	VALVE
FTG	FITTING	VS	WASTE
GALV	GALVANIZED	W	W/
GPM	GALLONS PER MINUTE	WCO	WALL CLEANOUT
HC	HANDICAP ACCESS (BARRIER FREE)	W/	WITH
H.D.	HEAVY DUTY	%	PERCENT

## LEGEND

	COLD WATER PIPING ABOVE GROUND
	COLD WATER PIPING BELOW GROUND
	120°F HOT WATER PIPING ABOVE GROUND
	120°F HOT WATER RETURN PIPING ABOVE GROUND
	SANITARY PIPING ABOVE GROUND
	SANITARY PIPING BELOW GROUND
	STORM DRAIN PIPING ABOVE GROUND
	STORM DRAIN PIPING BELOW GROUND
	VENT PIPING ABOVE GROUND
	VENT PIPING BELOW GROUND
	FORCE MAIN PIPING
	TRAP PRIMER PIPING ABOVE GROUND
	TRAP PRIMER PIPING BELOW GROUND
	NATURAL GAS PIPING ABOVE GROUND
	ELBOW DOWN AND AWAY
	TEE DOWN / AWAY
	TEE UP / TOWARD
	WASTE W/ CLEAN-OUT
	FLOOR CLEAN-OUT (ABOVE 1/4 BEND)
	FLOOR DRAIN
	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 OR HOSE BIBB
	TYPICAL FIXTURE NUMBER
	DETAIL REFERENCE
	EXISTING PIPING OF TYPE INDICATED
	EXISTING PIPING OF TYPE INDICATED TO BE REMOVED
	CONNECT NEW TO EXISTING

### DRAWING NOTE:

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

FOR  
PERMITTING  
8-5-05

P1

Plumbing Legend, Notes  
& Schedules

ARCHITECTS  
P.A.

48 Union Wharf Portland, Maine 04101  
(207) 772-6022 Fax (207) 772-4056

BAR

551 CONGRESS SREET  
PORTLAND, MAINE

Owner:

CONGRESS STREET  
PORTLAND, MAINE

## LEGEND

	COLD WATER PIPING ABOVE GROUND
	COLD WATER PIPING BELOW GROUND
	120°F HOT WATER PIPING ABOVE GROUND
	120°F HOT WATER RETURN PIPING ABOVE GROUND
	SANITARY PIPING ABOVE GROUND
	SANITARY PIPING BELOW GROUND
	STORM DRAIN PIPING ABOVE GROUND
	STORM DRAIN PIPING BELOW GROUND
	VENT PIPING ABOVE GROUND
	VENT PIPING BELOW GROUND
	FORCE MAIN PIPING
	TRAP PRIMER PIPING ABOVE GROUND
	TRAP PRIMER PIPING BELOW GROUND
	NATURAL GAS PIPING ABOVE GROUND
	ELBOW DOWN AND AWAY
	TEE DOWN / AWAY
	TEE UP / TOWARD
	WASTE W/ CLEAN-OUT
	FLOOR CLEAN-OUT (ABOVE 1/4 BEND)
	FLOOR DRAIN
	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 OR HOSE BIBB
	TYPICAL FIXTURE NUMBER
	DETAIL REFERENCE
	EXISTING PIPING OF TYPE INDICATED
	EXISTING PIPING OF TYPE INDICATED TO BE REMOVED
	CONNECT NEW TO EXISTING

### DRAWING NOTE:

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

FOR  
PERMITTING  
8-5-05

P1

Plumbing Legend, Notes  
& Schedules

ARCHITECTS  
P.A.

48 Union Wharf Portland, Maine 04101  
(207) 772-6022 Fax (207) 772-4056

BAR

551 CONGRESS SREET  
PORTLAND, MAINE

Owner:

CONGRESS STREET  
PORTLAND, MAINE

## LEGEND

	COLD WATER PIPING ABOVE GROUND
	COLD WATER PIPING BELOW GROUND
	120°F HOT WATER PIPING ABOVE GROUND
	120°F HOT WATER RETURN PIPING ABOVE GROUND
	SANITARY PIPING ABOVE GROUND
	SANITARY PIPING BELOW GROUND
	STORM DRAIN PIPING ABOVE GROUND
	STORM DRAIN PIPING BELOW GROUND
	VENT PIPING ABOVE GROUND
	VENT PIPING BELOW GROUND
	FORCE MAIN PIPING
	TRAP PRIMER PIPING ABOVE GROUND
	TRAP PRIMER PIPING BELOW GROUND
	NATURAL GAS PIPING ABOVE GROUND
	ELBOW DOWN AND AWAY
	TEE DOWN / AWAY
	TEE UP / TOWARD
	WASTE W/ CLEAN-OUT
	FLOOR CLEAN-OUT (ABOVE 1/4 BEND)
	FLOOR DRAIN
	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 OR HOSE BIBB
	TYPICAL FIXTURE NUMBER
	DETAIL REFERENCE
	EXISTING PIPING OF TYPE INDICATED
	EXISTING PIPING OF TYPE INDICATED TO BE REMOVED
	CONNECT NEW TO EXISTING

### DRAWING NOTE:

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

FOR  
PERMITTING  
8-5-05

P1

Plumbing Legend, Notes  
& Schedules

ARCHITECTS  
P.A.