ABBREVIATIONS, LINE TYPES & SYMBOLS

140	140 DEG F HOT WATER
140R	140 DEG RECIRC
@	AT
A	AMPS
ADA	AMERICANS WITH DISABILITIES ACT
AFF	ABOVE FINISHED FLOOR
BFG	BELOW FINISHED GRADE
BFP	BACKFLOW PREVENTER
BLV	BALL VALVE
CNTR	COUNTER
CO	CLEANOUT
CONT	CONTINUATION
COORD	COORDINATION
CW	COLD WATER, CLOTHES WASHER
C&HW	COLD & HOT WATER
DAW	DROP AT WALL
DCP	DOMESTIC CIRCULATING PUMP
DEG	DEGREES
DIV	DIVISION
DIW	DROP IN WALL
DN	DOWN
DN&U	DOWN AND UP
DNAW	DOWN AT WALL
DNIC	DOWN IN CHASE
DNIW	DOWN IN WALL
DO	DRAWOFF
DW	DISHWASHER
EC	ELECTRICAL CONTRACTOR
EQ	EQUAL
ET	EXPANSION TANK
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FFE	FINISHED FLOOR ELEVATION
G	GAS (fuel)
GAL	GALLONS
GC	GENERAL CONTRACTOR
GHT	GARDEN HOSE THREAD
GPF	GALLONS PER FLUSH
GPM	GALLONS PER MINUTE
GV	GATE VALVE
HB	HOSE BIB
HC	HEATING CONTRACTOR
HW	HOT WATER
HWR	HOT WATER RETURN
IE	INVERT ELEVATION
IDW	INDIRECT WASTE
LF	LINEAR FEET
LV	LAVATORY
M	METER
MB	MOP BASIN
MTD	MOUNTED
MV	MIXING VALVE
NB	NICKEL BRONZE
OD	OUTSIDE DIAMETER
PC	PLUMBING CONTRACTOR
PDI	PLUMBING & DRAINAGE INSTITUTE
PG	PRESSURE GAUGE
PH	PHASE
PRV	PRESSURE REDUCING VALVE
PSI	POUNDS PER SQUARE INCH
RAW	RISE AT WALL
RH	RIGHT HAND
RIC	RISE IN CHASE
RIW	RISE IN WALL
RUC	RUN UNDER COUNTER
RUF	RUN UNDER FLOOR
RV	RELIEF VALVE
S	SANITARY WASTE
SA	SHOCK ABSORBER
SH	SHOWER
SK	SINK
SP	SUMP PUMP
SS	STAINLESS STEEL
T	THERMOMETER
TD	TRENCH DRAIN
TP	TRAP PRIMER
TYP	TYPICAL
UIC	UP IN CHASE
U&DNIC	UP & DOWN IN CHASE
U&DNIW	UP & DOWN IN WALL
UIW	UP IN WALL
UR	URINAL
V	VENT
VB	VACUUM BREAKER
VC	VITREOUS CHINA
VIF	VERIFY IN FIELD
VRV	VACUUM RELIEF VALVE
VTR	VENT THRU ROOF
W	WASTE
W/	WITH
WB	WATER BOX
WC	WATER CLOSET, WATER COLUMN
WCO	WALL CLEANOUT
WF	WATER FILTER
WSI	WARM SIDE OF INSULATION

	COLD WATER
TP	TRAP PRIMER PIPING
TP	TRAP PRIMER PIPING
	120 DEG HOT WATER
	120 DEG HOT WATER RECIRC
140	140 DEG HOT WATER
140R	140 DEG HOT WATER RECIRC
	SANITARY ABOVE FLOOR
	SANITARY BELOW SLAB
IDW	INDIRECT WASTE
	GREASY WASTE
	GREASY WASTE BELOW SLAB
	VENT PIPING UNDER SLAB
	VENT PIPING
G	GAS, NATURAL
	BALL VALVE
	VERTICAL BALL VALVE
	BALL VALVE
	BALANCING VALVE
	CHECK VALVE
	CHECK VALVE
	BACKFLOW PREVENTER
	VACUUM RELIEF VALVE
	RELIEF VALVE
	PRESSURE REDUCING VALVE
	THERMOMETER
	PRESSURE GAUGE
	TRAP PRIMER
	DROP/RISE IN LINE
	LINE UP TO FLOOR ABOVE
	TEE -DROP
	SHOCK ABSORBER
	UNION
	MIXING VALVE
	FLOOR CLEANOUT
	FLOOR DRAIN
	WALL CLEANOUT
	HOSE BIB
M	WATER METER
XX-1	PLUMBING FIXTURE/ EQUIPMENT NUMBER TAG

KITCHEN CONNECTION SCHEDULE

TAG	EQUIPMENT	COLD WATER	120° WATER	140° WATER	INDIRECT WASTE	DIRECT WASTE	VENT	GAS
K-1	SOILED DISHTABLE	1/2"		1/2"				
K-2	UPRIGHT DISHWASER			3/4"		2"		
K-3	HAND SINK	1/2"	1/2"			1-1/2"	1-1/2"	
K-4	ICE MACHINE	1/2"			3/4"			
K-5	3 BAY SINK	1/2"		1/2"		2"	1-1/2"	
K-6	CHARBROILER							3/4"
K-7	6 BURNER RANGE							3/4"
K-8	FRYER							3/4"
K-9	MOP BASIN	1/2"		1/2"		3"	1-1/2"	
K-10	WALK-IN EVAPORATOR				1"			
K-11	ICE WELL				1"			
K-12	BAR GLASS WASHER			1/2"		1-1/2"	1-1/2"	
K-13	BAR SINK	1/2"		1/2"	1-1/2"			

PLUMBING FIXTURE SCHEDULE

TAG	FIXTURE	COLD WATER	120° WATER	SAN/ WASTE	VENT	REMARKS
LV-1	LAVATORY, COUNTER - ADA	1/2"	1/2"	1-¼"x 1-½"	1-½"	OVAL VC, LAVATORY FAUCET
UR-1	URINAL, PUBLIC ADA	1"		2"	1-½"	0.5 GPF FLUSH VALVE, VC
WB-1	WATER BOX	1/2"				
WC-1	WATER CLOSET, FV FLOOR MTD, STANDARD	1"		4"	2"	1.1/1.6 GPF, VC, 15" TO RIM
WC-2	WATER CLOSET, FV FLOOR MTD - ADA	1"		4"	2"	1.1/1.6 GPF, VC, 16-1/8" TO RIM
WC-3	WATER CLOSET, RH FV FLOOR MTD - ADA	1"		4"	2"	1.1/1.6 GPF, VC, 16-1/8" TO RIM, RIGHT HAND HANDLE

WATER HEATER SCHEDULE

TAG	ITEM	INPUT BTUH	GPH	RISE	GAL	REMARKS
WH-1	GAS WATER HEATER	150,000	173	100°	100	PVC COMBUSTION AIR AND VENT

WATER SPEC. SCHEDULE

TAG	ITEM	CW	HW	OUTLET	REMARKS
BFP-1	WATER ENTRANCE, DOUBLE CHECK BACKFLOW PREVENTERS	2"	-	SAME	1" IDW
BFP-2	BOILER MAKE-UP WATER ATMOSPHERIC PORT BACKFLOW	¾"	-	SAME	
ET-1	EXPANSION TANK POTABLE WATER	3/4"	-	-	
HB-1	NON-FREEZE HOSE BIB W/ VB	3/4"	-	¾" GHT	
MV-1	MASTER MIXING VALVE	¾"	¾"	¾"	120°
SA-1	SHOCK ABSORBER	1/2" OR 3/4"		-	P.D.I. A
SA-2	SHOCK ABSORBER	3/4"		-	P.D.I. B
TP-1	TRAP SEAL PRIMER W/ DIVIDER	1/2"	-	SAME	

DRAIN SPEC. SCHEDULE

TAG	ITEM	WASTE	VENT	REMARKS
FCO-1	ROUND - FINISHED AREA FLOOR CLEANOUT	SIZE OF PIPE	-	
FD-1	GENERAL ROUND FLOOR DRAIN	3"	1-½"	
FD-2	INDIRECT WASTE FLOOR DRAIN	3"	1-½"	
FD-3	KITCHEN FLOOR SINK	4"	2"	
GT-1	GREASE TRAP OUTDOOR CONCRETE	4"		1,000 GAL.

CITY OF PORTLAND, MAINE
RESURGAM
Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 08/20/13

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STATE OF MAINE
Kurt F. Magnusson
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LICENSED
PROFESSIONAL ENGINEER

King's Head Pub

Merrill's Wharf
Portland, Maine
July 01, 2013

Plumbing Schedules

Scale: None

P6

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