ABBREVIATIONS

ADA	AMERICANS WITH DISABILITIES ACT
AFF	ABOVE FINISHED FLOOR
BFP	BACKFLOW PREVENTER
BLV	BALL VALVE
CHV	CHECK VALVE
CNTR	COUNTER
CW	COLD WATER
C&HW	COLD & HOT WATER
DAW	DROP AT WALL
DIW	DROP IN WALL
DN	DOWN
DNAW	DOWN AT WALL
DNIW	DOWN IN WALL
GC	GENERAL CONTRACTOR
GHT	GARDEN HOSE THREAD
GPF	GALLONS PER FLUSH
HB	HOSE BIB
HC	HEATING CONTRACTOR
HW	HOT WATER
IE	INVERT ELEVATION
IDW	INDIRECT WASTE
LV	LAVATORY
MTD	MOUNTED
OFC	OFFSET FOR CLARITY
PC	PLUMBING CONTRACTOR
PDI	PLUMBING & DRAINAGE INSTITUTE
RAW	RISE AT WALL
RH	RIGHT HAND
RIW	RISE IN WALL
RUC	RUN UNDER COUNTER
S	SANITARY WASTE
SA	SHOCK ABSORBER
SK	SINK
SS	STAINLESS STEEL
TYP	TYPICAL
UIC	UP IN CHASE
UP	OPPOSITE OF DOWN
V	VENT
VB	VACUUM BREAKER
VC	VITREOUS CHINA
VIF	VERIFY IN FIELD
VRV	VACUUM RELIEF VALVE
W	WASTE
W/	WITH
WC	WATER CLOSET

GENERAL NOTES

1. All work shall be in accordance with the State Plumbing Code, state and local laws, codes and ordinances, National Fire Code (NFPA), or these plans or specifications, whichever is more strict.

2. All drawings are schematic only, and are intended to indicate the intent, extent, and general arrangement of work. They are not meant to show every fitting, change of direction or every situation. Verify locations in the field. Work indicated shall be furnished complete to perform the function intended.

3. Carefully coordinate the space requirements and location of piping with the other trade contractors. If coordination fails, conflicts will be decided in favor of the other contractors with this contractor relocating his piping and equipment at no expense to the Owner.

4. For pipe sizes not shown on the floor plans, refer to fixture schedules and details as well as adjacent floors plans. For otherwise indeterminable pipe segments, the size shall be the same as the largest known adjacent segment. Where pipe sizes are erroneously shown to decrease then increase, the smaller segment shall be increased to match the larger segment. When a conflict exists, the larger size shall govern. Pipe sizes are nominal (not O.D.) unless specifically noted otherwise.

5. All piping shall run concealed above ceilings, in walls, in soffits and in chases unless noted otherwise. Special care shall be taken when dropping 3" nominal waste pipe in 3-½" wall cavities to ensure correct fit and alignment.

6. No structural members shall be cored or cut without approval of the Structural Consultant.

7. All plumbing shall be supported from the building structure. All piping drops to fixtures shall be anchored solid to walls with a steel support bracket with adjustable clip.

8. All water piping shall be installed parallel to building lines and pitched to low points. Provide drain-offs at low points. Piping shall be run neatly grouped together. Also group with heating piping when practical.

9. All piping through roofs, masonry walls and partitions shall have steel pipe sleeves. Openings between pipes and sleeves shall be caulked and sealed smoke and water tight. All pipe penetrations through a fire rated wall or floor shall have a U.L. Listed fire stopping system rated to match the rating of the wall, as per the NFPA.

10. All wall fixtures shall be carrier mounted unless otherwise specified.

11. All domestic water water piping shall be insulated unless otherwise specified.

12. Run all piping on warm side of building insulation. No water, or waste lines shall be run in exterior walls, unless directly indicated.

13. Provide shock absorbers (water hammer arresters) where shown on drawings. Also provide them on feeders to any quick closing equipment provided by others. Sizes shall be type "I" unless indicated otherwise and conform to P.D.I. standards.

14. All sanitary waste piping 3" and less shall pitch down at ¼" per L.F. All 4" and larger piping shall pitch at ⅛" per L.F. whenever possible. No sanitary/ waste piping under slab shall be less than 2" in diameter.

15. All copper Domestic water piping shall be type "K" or "L", type "M" is prohibited. Substitution with PEX is not acceptable.

PLUMBING FIXTURE SCHEDULE

TAG	FIXTURE	COLD WATER	HOT WATER	SAN/ WASTE	VENT	REMARKS
DW-1	DISHWASHER UNDER COUNTER		1/2"	1-½" STAND-PIPE	1-½"	APPLIANCE BY OTHERS
LV-1	LAVATORY, COUNTER MTD - ADA	1/2"	1/2"	1-¼"x 1-½"	1-½"	VC, SINGLE HANDLE FAUCET
MB-1	MOP BASIN	1/2"	1/2"	3"	1-½"	MODLED STONE SERVICE FAUCET
SK-1	SINK, SINGLE BOWL, COUNTER MOUNTED	1/2"	1/2"	1-½"	1-½"	SMALL S.S. HAND WASH FAUCET
SK-1	SINK, SINGLE BOWL, COUNTER MOUNTED - ADA	1/2"	1/2"	1-½"	1-½"	S.S. 25"x22"x6-1/2" KITCHEN FAUCET W/ SPRAY
WC-1	WATER CLOSET, FLOOR MTD TANK - ADA	1/2"	-	4"	2"	VC, 16-½", 1.6 GPF, LH STANDARD FLUSH LEVER
WC-2	WATER CLOSET, FLOOR MTD TANK - ADA	1/2"	-	4"	2"	VC, 16-½", 1.6 GPF, RH RIGHT HAND FLUSH LEVER

LEGEND

- SANITARY/ WASTE PIPING UNDER SLAB
- SANITARY / WASTE PIPING ABOVE SLAB
- VENT PIPING ABOVE FLOOR
- COLD WATER PIPING
- HOT WATER PIPING
- FUEL GAS PIPING
- BALL VALVE
- VERTICAL BALL VALVE
- DROP/RISE IN LINE
- LINE UP TO FLOOR ABOVE
- TEE -DROP
- SHOCK ABSORBER
- XX-1 PLUMBING FIXTURE/EQUIPMENT NUMBER TAG

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Architecture / Planning
Preservation Architecture
Interior Architecture

STATE OF MAINE
Kurt F. Magnusson
10257
LICENSED PROFESSIONAL ENGINEER

Portland Community Health Center

180 Park Avenue
Portland, Maine

CONSTRUCTION DOCUMENTS
August 31, 2012

Plumbing Schedules

Scale: None

P2

MECHANICAL SYSTEMS ENGINEERS
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M.S.E. Proj. 1221

August 29, 2012 - 9:39 am
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