

**PLUMBING PLAN**  
**SCALE: 1/8"=1'-0**

**MISCELLANEOUS PLUMBING SYSTEM NOTES**

- All plumbing shall be installed in accordance with state and local codes.
- Waste and vent piping to be PVC. Cold and hot water piping to be rigid CPVC tubing. Underground water to be 200 psi CTS pipe with brass pressure compression fittings. Underground trap primer water lines to floor drains to be Aquapex tubing.
- Cold and hot water piping mains to be insulated with 1/2" armaflex insulation. Drainage piping to be run with pitch of 1/8" per foot minimum. Water piping to run level or plumb. All piping shall be run with adequate hangers to prevent any undue movement of piping. Gas piping to be schedule 40 steel pipe with black malleable fittings.
- Refer to structural, heating, sprinkler, etc. plans associated with this project prior to installation of piping to determine exact location of main runs.
- Refer to architectural plans for mounting details on fixtures and countertop heights.
- All piping is shown diagrammatically. Actual location of piping is to be determined in the field and is to be coordinated with other trades as necessary.
- It is not the intention of these drawings to show every fitting, hanger, valve, device, etc. All such items shall be installed as necessary to provide a complete operational plumbing system in accordance with normal trade practice.
- Trap primers to be installed on all floor drains. Primers shall be installed in accessible locations. Primers for bathroom floor drains to be installed above bathroom ceilings whenever possible.
- Hot water shall be provided by sixty gallon high efficiency, high recovery gas fired water heater. Heater shall be vented out side wall. Heater to be furnished with expansion tank, tempering valve, gas piping.
- Provide floor drain (with trap primer) and 1/2" valved cold water branch for owners equipment at storage/power washing area. Any equipment in this area to be provided by owner.

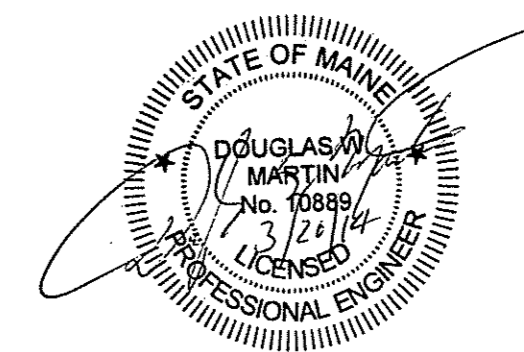
**PLUMBING FIXTURE SCHEDULE**

Item	fixture	waste	vent	c.w.	h.w.
P-1	TANK TYPE TOILET	4"	2"	1/2"	
P-1A	ADA TANK TYPE TOILET	4"	2"	1/2"	
P-2A	ADA URINAL	2"	1-1/2"	1/2"	
P-3	ADA COUNTERTOP LAV	1-1/2"	1-1/2"	1/2"	1/2"
P-4	SEXIS SHOWER	2"	1-1/2"	1/2"	1/2"
P-4A	ADA SHOWER	2"	1-1/2"	1/2"	1/2"
P-5	ADA BI LEVEL WITH CLR	1-1/2"	1-1/2"	1/2"	1/2"
P-6	DOUBLE BOWL SINK	2"	1-1/2"	1/2"	1/2"
P-7	FIBERGLASS UTIL SINK	2"	1-1/2"	1/2"	1/2"
P-8	CL. WASHER SUPPLY BOX	2"	1-1/2"	1/2"	1/2"
FPFB	FROST PROOF HOSE BIBB			size as shown	
FCO	FLOOR CLEAN OUT			size as shown	
FD	FLOOR DRAIN			size as shown	
BFP	BACKFLOW PREVENTER			size as shown	

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**DESIGN CONSULTANTS**



**PERMIT SET**

This drawing is not intended, nor shall be used for, construction, unless the signed professional seal of a Registered Engineer or Consultant of W.H. Demmons Inc. is affixed.

**REVISIONS**

**EVOLUTION ROCK AND FITNESS**

**PORTLAND, ME**

**PLUMBING PLAN AND SCHEDULES**

Date: 3/20/14  
 Project #: 56923  
 Scale: 1/8"=1'-0  
 Drawn by: JLR/MGR  
 Checked by: DWM

**P-1**

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