	ABBREVIATIONS					
ADA	AMERICANS WITH DISABILITIES ACT	LY	LAVATORY			
AFF	ABOVE FINISHED	MTD	MOUNTED			
	FLOOR	OFC	OFFSET FOR CLARITY			
BFP 	BACKFLOW PREVENTER	PC	PLUMBING			
BLV	BALL VALVE	ומט	CONTRACTOR			
CHV	CHECK VALVE	PDI	PLUMBING & DRAINAGE INSTITUTE			
CNTR	COUNTER	RAW	RISE AT WALL			
CM	COLD WATER	RH	RIGHT HAND			
C#HW	COLD & HOT WATER	RIW				
DAW	DROP AT WALL	RUC	RUN UNDER COUNTER			
DIM	DROP IN WALL	5	SANITARY WASTE			
DN	DOWN	SA	SHOCK ABSORBER			
DNAW	DOWN AT WALL	SK	SINK			
DNIW	DOWN IN WALL	55	STAINLESS STEEL			
GC CONTRA	GENERAL ACTOR	TYP	TYPICAL			
GHT GHT	GARDEN HOSE	UIC	UP IN CHASE			
2	THREAD	UP	OPPOSITE OF DOWN			
GPF	GALLONS PER FLUSH	V	VENT			
HB	HOSE BIB	VB	VACUUM BREAKER			
НС	HEATING	VC	VITREOUS CHINA			
	CONTRACTOR	VIF	VERIFY IN FIELD			
HM IF	HOT WATER	VRV	VACUUM RELIEF VALVE			
IE IDW	INVERT ELEVATION	M	WASTE			
IDM	INDIRECT WASTE	W	WITH			
		MC	WATER CLOSET			

LEGEND						
	SANITARY/ WASTE PIPING UNDER SLAB					
	SANITARY / WASTE PIPING ABOVE SLAB					
	VENT PIPING ABOVE FLOOR					
	VENT PIPING UNDER SLAB					
	COLD WATER PIPING					
	HOT WATER PIPING					
	FUEL GAS PIPING					
V	VACUUM PIPING					
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	VACUUM PIPING UNDER SLAB					
A	COMPRESSED AIR PIPING					
——————————————————————————————————————	COMPR., AIR PIPING BELOW SLAB					
——————————————————————————————————————	BALL VALVE					
<del></del>	VERTICAL BALL VALVE					
——————————————————————————————————————	DROP/RISE IN LINE					
	LINE UP TO FLOOR ABOVE					
<del></del>	TEE -DROP					
₽	SHOCK ABSORBER					
XX-I	PLUMBING FIXTURE/EQUIPMENT NUMBER TAG					

## GENERAL NOTES

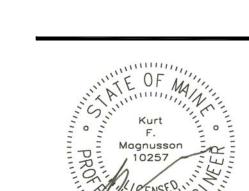
- I. All work shall be in accordance with the State Plumbing Code, state and local laws, codes and ordinances, National Fire Code (NFPA), or these plans or specifications, whichever is more strict.
- 2. All drawings are schematic only, and are intended to indicate the intent, extent, and general arrangement 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 3-1/2" 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 draw-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.
- II. All domestic water water piping shall be insulated unless otherwise
- 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 providéd by others. Sizes shall be type "I" unléss indicated otherwise and conform to P.D.I. standards.
- 14. All sanitary waste piping 3" and less shall pitch down at  $\frac{1}{4}$ " per L.F. All 4" and larger piping shall pitch at  $\frac{1}{4}$ " 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
DC-I	DENTAL CHAIR FUTURE	1/2"		2"	1-1/2"	I/2" CA, 3/4" V CAP ALL FOR FUTURE
LV-I	LAVATORY, WALL MTD - ADA	1/2"	1/2"	1-1/4"× 1-1/2"	1-1/2"	VC, SINGLE HANDLE FAUCET
SK-I	SINK, SINGLE BOWL, EXAM COUNTER MOUNTED	1/2"	1/2"	1-1/2"	1-1/2"	SMALL S.S. HAND WASH FAUCET
5K-2	SINK, SINGLE BOWL, WORK COUNTER MOUNTED	1/2"	1/2"	1-1/2"	1-1/2"	S.S. 25"x22"x6-1/2" AUTOMATIC FAUCET
5K-3	SINK, SINGLE BOWL HOSPITALITY - ADA	1/2"	1/2"	1-1/2"	1-1/4"	S.S., 20"X22"x6-1/2" BAR FAUCET
MC-I	WATER CLOSET, FLOOR MTD TANK - ADA	1/2"	-	4"	2"	VC, 16-½", 1.6 GPF, RH RIGHT HAND FLUSH LEVER
MC-2	WATER CLOSET, FLOOR MTD TANK - ADA	1/2"	-	4"	2"	VC, 16-½", 1.6 GPF, LH STANDARD FLUSH LEVER

PLUMBING FIXTURE SCHEDULE						
TAG	FIXTURE	COLD WATER	HOT WATER	SAN/ WASTE	VENT	REMARKS
DC-I	DENTAL CHAIR FUTURE	1/2"		2"	I-½"	I/2" CA, 3/4" V CAP ALL FOR FUTURE
LV-I	LAVATORY, WALL MTD - ADA	1/2"	1/2"	1-1/4"× 1-1/2"	I-½"	VC, SINGLE HANDLE FAUCET
SK-I	SINK, SINGLE BOWL, EXAM COUNTER MOUNTED	1/2"	1/2"	1-1/2"	1-1/2"	SMALL S.S. HAND WASH FAUCET
5K-2	SINK, SINGLE BOWL, WORK COUNTER MOUNTED	1/2"	1/2"	1-1/2"	1-1/2"	S.S. 25"x22"x6-1/2" AUTOMATIC FAUCET
SK-3	SINK, SINGLE BOWL HOSPITALITY - ADA	1/2"	1/2"	1-1/2"	1-1/4"	S.S., 20"X22"x6-I/2" BAR FAUCET
MC-I	WATER CLOSET, FLOOR MTD TANK - ADA	1/2"	-	4"	2"	VC, 16-½", 1.6 GPF, RH RIGHT HAND FLUSH LEVER
MC-2	WATER CLOSET, FLOOR MTD TANK - ADA	1/2"	-	4"	2"	VC, 16-½", 1.6 GPF, LH STANDARD FLUSH LEVER

WATER SPEC. SCHEDULE					
TAG	ITEM	CW	HW	OUTLET	REMARKS
SA-I	SHOCK ABSORBER	1/2 <i>O</i> F	2 3/4""	-	P.D.I. A
5A-2	SHOCK ABSORBER	3/4"		-	P.D.I. B

DRAIN SPEC. SCHEDULE						
TAG	WASTE	VENT	REMARKS			
FCO-I	ROUND, ADJUSTABLE, SOLID TOP FLOOR CLEANOUT	SIZE OF PIPE	1	NICKEL BRONZE TOP ZURN ZNI400-BP-K		
FCO-2	ROUND, ADJUSTABLE, W/ CARPET MARKER CLEANOUT	SIZE OF PIPE	_	NICKLE BRONZE TOP ZURN ZNI400-BP-K-CM		



Winton Scott Architects

Portland, Maine 04101

www.wintonscott.com

Architecture / Planning

Preservation Architecture Interior Architecture

5 Milk Street

207 774 4811

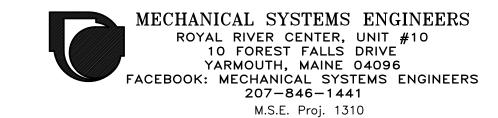
Portland High School Health Center

284 Cumberland Ave. Portland, Maine

BID SET April 24, 2013

Plumbing Schedules

Scale: NONE



© COPYRIGHT 2013