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Architecture / Planning
Preservation Architecture
Interior Architecture



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

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 indeterminate 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.	
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 "1" unless indicated otherwise and conform to P.D.I. standards.	
14. All sanitary waste piping 3" and less shall pitch down at 1/4" per L.F. All 4" and larger piping shall pitch at 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-1	DENTAL CHAIR FUTURE	1/2"		2"	1-1/2"	1/2" CA, 3/4" V GAP ALL FOR FUTURE
LV-1	LAVATORY, WALL MTD - ADA	1/2"	1/2"	1-1/4" x 1-1/2"	1-1/2"	VC, SINGLE HANDLE FAUCET
SK-1	SINK, SINGLE BOWL, EXAM COUNTER MOUNTED	1/2"	1/2"	1-1/2"	1-1/2"	SMALL S.S. HAND WASH FAUCET
SK-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"x6-1/2" BAR FAUCET
WC-1	WATER CLOSET, FLOOR MTD TANK - ADA	1/2"	-	4"	2"	VC, 16-1/2", 1.6 GPF, RH RIGHT HAND FLUSH LEVER
WC-2	WATER CLOSET, FLOOR MTD TANK - ADA	1/2"	-	4"	2"	VC, 16-1/2", 1.6 GPF, LH STANDARD FLUSH LEVER

WATER SPEC. SCHEDULE					
TAG	ITEM	CW	HW	OUTLET	REMARKS
SA-1	SHOCK ABSORBER	1/2 OR 3/4"		-	P.D.I. A
SA-2	SHOCK ABSORBER	3/4"		-	P.D.I. B

DRAIN SPEC. SCHEDULE				
TAG	ITEM	WASTE	VENT	REMARKS
FCO-1	ROUND, ADJUSTABLE, SOLID TOP FLOOR CLEANOUT	SIZE OF PIPE	-	NICKEL BRONZE TOP ZURN ZN1400-BP-K
FCO-2	ROUND, ADJUSTABLE, W/ CARPET MARKER CLEANOUT	SIZE OF PIPE	-	NICKLE BRONZE TOP ZURN ZN1400-BP-K-CM

Portland High School Health Center

284 Cumberland Ave.
Portland, Maine

BID SET
April 24, 2013

Plumbing Schedules

Scale: NONE

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