

GENERAL NOTES

- All work shall be in accordance with the Uniform Plumbing Code, local codes and ordinances, National Fire Code (NFPA), or these plans or specifications, whichever is more strict.
- 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.
- Carefully coordinate the space requirements and location of piping with the other trade contractors. Reserve space for sprinkler mains. 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.
- All plumbing fixtures shall be back vented.
- This contractor shall make all final plumbing connections to equipment/ fixtures provided by other contractors.
- For pipe sizes not shown on floor plans, refer to: adjacent or enlarged plumbing plans, then appropriate schedules, details, specifications, equipment connection sizes and minimum code requirements. For otherwise indeterminable pipe segments, the size shall be the same as the largest 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.
- 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 pipe in 3-1/2" wall cavities to ensure correct fit and alignment.
- No structural members shall be cut without approval of the Architect.
- 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.
- 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 when practical.
- All piping through roofs, concrete walls and masonry 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 UL rated fire stop system rated to match the rating of the wall, as per the NFPA.
- All wall fixtures shall be carrier mounted unless otherwise specified.
- All domestic water piping shall be insulated unless otherwise specified.
- Run all piping on warm side of building insulation. No water, or waste lines shall be run in exterior walls, unless directly indicated.
- Provide shock absorbers where shown on drawings, and on tops of risers to all shower valves, dishwashers and clotheswashers. Sizes shall conform to P.D.I. standards.
- All sanitary waste piping less than 4" shall pitch down at 1/4" per L.F. All 4" and larger piping shall pitch at 1/4" per L.F. whenever possible.
- All Domestic copper water piping shall be type "K" or "L" copper, type "M" is prohibited.
- When connecting to existing systems, match existing materials unless indicated otherwise.

ABBREVIATIONS, LINE TYPES & SYMBOLS

80	80 DEG F TEMPERED WATER	LF	LINEAR FEET	-----	SANITARY/ WASTE PIPING BELOW FLOOR
120	120 DEG F HOT WATER	LV	LAVATORY	=====	SANITARY / WASTE PIPING ABOVE FLOOR
●	AT	MTD	MOUNTED	-----	VENT PIPING ABOVE FLOOR
ADA	AMERICANS WITH DISABILITIES ACT	MV	MIXING VALVE	-----	VENT PIPING BELOW FLOOR
AFF	ABOVE FINISHED FLOOR	OD	OUTSIDE DIAMETER	-----	COLD WATER PIPING (BELOW FLOOR)
BLV	BALL VALVE	PC	PLUMBING CONTRACTOR	-----	HOT WATER PIPING
CNTR	COUNTER	PDI	PLUMBING & DRAINAGE INSTITUTE	-----	120 DEG TEMPERED HOT WATER PIPING
CO	CLEANOUT	PSI	POUNDS PER SQUARE INCH	-----	80 DEG TEMPERED EMERGENCY WATER PIPING
COORD	COORDINATION	RAW	RISE AT WALL	-----	OXYGEN MED GAS PIPING
CS	CLINIC SINK	RH	RIGHT HAND	-----	MEDICAL VACUUM PIPING
CTE	CONNECT TO EXISTING	RIC	RISE IN CHASE	-----	
CW	COLD WATER	RIW	RISE IN WALL	-----	
C&HW	COLD & HOT WATER	RUC	RUN UNDER COUNTER	-----	BALL VALVE
DAW	DROP AT WALL	S	SANITARY WASTE	-----	CHECK VALVE
DEG	DEGREES	SA	SHOCK ABSORBER	-----	DROP/RISE IN LINE
DIV	DIVISION	SH	SHOWER	-----	LINE UP TO FLOOR ABOVE
DIW	DROP IN WALL	SK	SINK	-----	TEE -DROP
DN	DOWN	SS	STAINLESS STEEL	-----	
DN&U	DOWN AND UP	TP	TRAP PRIMER	-----	SHOCK ABSORBER
DN&W	DOWN AT WALL	TYP	TYPICAL	-----	UNION
DNIC	DOWN IN CHASE	UIC	UP IN CHASE	-----	
DNIM	DOWN IN WALL	U&DNIC	UP & DOWN IN CHASE	-----	MIXING VALVE
EQ	EQUAL	U&DNIM	UP & DOWN IN WALL	-----	FLOOR CLEANOUT
FD	FLOOR DRAIN	UIW	UP IN WALL	-----	FLOOR DRAIN
GAL	GALLONS	V	VENT	-----	
GC	GENERAL CONTRACTOR	VB	VACUUM BREAKER	-----	PLUMBING FIXTURE/ EQUIPMENT NUMBER TAG
GPF	GALLONS PER FLUSH	VC	VITREOUS CHINA	-----	
GPM	GALLONS PER MINUTE	VIF	VERIFY IN FIELD	-----	
HC	HEATING CONTRACTOR	W	WASTE	-----	
HW	HOT WATER	WV	WITH	-----	
		WC	WATER CLOSET	-----	

PLUMBING FIXTURE SCHEDULE

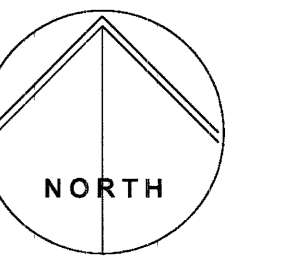
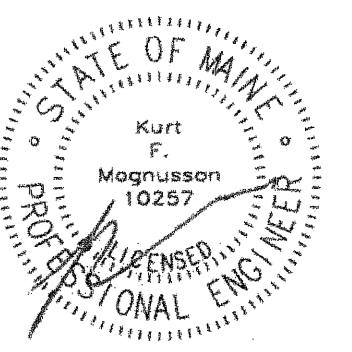
TAG	FIXTURE	COLD WATER	120° WATER	140° WATER	SAN WASTE	VENT	REMARKS	MOUNTING HEIGHT
CS-1	CLINIC SERVICE SINK WALL MTD - FV	1" & 1/2"		1/2"	4"	2"	VC, FV AND FAUCET, CARRIER MOUNTED	RIM 28" AFF
IM-1	ICE MAKER, EXIST COUNTER, REINSTALL	1/2"			1-1/2"	1-1/2"		
LV-1	LAVATORY, WALL HUNG WHEELCHAIR - ADA	1/2"	1/2"		1-1/4" & 1-1/2"	1-1/2"	VC, TWO HANDLE FAUCET CARRIER MOUNTED	RIM 34" AFF
LV-2	LAVATORY, REUSED - ADA	1/2"	1/2"		1-1/4" & 1-1/2"	1-1/2"	REUSE EXISTING SINK & TRIM NEW CARRIER	RIM 34" AFF
MB-1	MOP BASIN	1/2"		1/2"	3"	1-1/2"	FLOOR MTD, MOLDED STONE 24"x24"x10", VB FAUCET	FLOOR
SH-1	SHOWER BUILT-IN - ADA	1/2"	1/2"		2" FD	1-1/2"	PRESSURE BALANCED VALVE ADA CONTROLS	CONTROLS 48"
SK-1	SINK, SINGLE BOWL - ADA	1/2"		1/2"	1-1/2"	1-1/2"	5.5. 22"x22"x6-1/2" GOOSENECK FAUCET	COUNTER AT 34" VIF
SK-2	SINK, SINGLE BOWL, KITCHEN ADA	1/2"		1/2"	1-1/2"	1-1/2"	5.5. 22"x25"x6-1/2" KITCHEN FAUCET	COUNTER AT 34" VIF
SK-3	SINK, SINGLE BOWL - ADA	1/2"		1/2"	1-1/2"	1-1/2"	5.5. 22"x25"x6-1/2", EYEWASH GOOSENECK FAUCET	COUNTER AT 34" VIF
SK-4	SINK, SOLID SURFACE - ADA	1/2"		1/2"	1-1/2"	1-1/2"	INTEGRAL BOWL BY GC. AUTO FAUCET, EYEWASH	COUNTER AT 34" VIF
WC-1	WATER CLOSET, FV, WALL MTD, RH FV - ADA	1"			4"	2"	1.6 GPF, VC, RIGHT HAND HANDLE, CARRIER MTD	RIM 11" AFF
WD-1	WATER DISPENSER, HOT COUNTER MTD	1/2"					ELECTRIC BY 15600	

WATER SPEC. SCHEDULE

TAG	ITEM	CW	HW	OUTLET	REMARKS
MV-1	EMERGENCY MIXING VALVE	1/2"	1/2"	1/2"	80-85°
MV-2	LOCAL MIXING VALVE	1/2"	1/2"	1/2"	120°
SA-1	SHOCK ABSORBER		1/2"	-	P.D.I. A

DRAIN SPEC. SCHEDULE

TAG	ITEM	WASTE	VENT	REMARKS
FD-1	GENERAL/ SHOWER ROUND FLOOR DRAIN	3"	1-1/2"	



Richards Wing

Ninth Floor

Renovations

Maine Medical Center
Portland, Maine 04102

Architect
Winton Scott Architects
Portland, Maine

Mechanical Engineering
Mechanical Systems Engineers
Yamouth, Maine

Electrical Engineering
Swiftcurrent Engineering Services
Yamouth, Maine

Plumbing
Schedules

P2

Scale: None

March 16, 2009

