

Scope of work and specifications: PLUMBING

Replace 2 existing Sewage Pumps in the N.E. corner of Basement with equal HP Flygt Barrel Pumps (or equivalent)

Supply & Install new DHW circulating pump (.5 gpm at 30ft THD) & Insulate all Copper Lines in the Boiler Room

Provide a complete and operational plumbing system consisting of waste, soil, vent, drainage and potable water systems.

Supply and install all fixtures, traps, valves, hose bibs, trap seal primers, escutcheon plates.

Verify all dimensions, elevations, and inverts prior to commencing work and advise Engineer of any discrepancies.

Test and disinfect all systems as per code and to the satisfaction of the Engineer or the Local Authority having jurisdiction.

Use only new material bearing required approval information for its intended use.

Submit (6) copies of shop drawings for approval of all purchased items.

Permits, Fee:

Submit to Plumbing Inspection Department and Supply Authority the necessary number of drawings and specifications for examination and approval prior to commencement of work. Pay associated fees.

Codes and standards:

National and BC building codes and CVBBL 2007  
 Vancouver Coastal Health Authority  
 BC Plumbing Code, latest edition  
 GVRD /BCFRA Code of Practice for wastewater management at food sector establishments

Code Ammendments: Ministerial Order No. M 100

Province of British Columbia  
 Regulation of the Minister of Forests and Range  
 and Minister Responsible for Housing  
 -Section 10.3.1.1 Fixture Fitting Maximum Flow Rates, See Dwg. M-2D  
 -Section 10.3.1.2 Fixture Efficiency, See Dwg. M-2D

Sewer and water design criteria:

See Data Sheet drawing

Materials:

As per plumbing code and as follows:  
 Cast Iron DWV pipe: to CSAB70  
 ABS/PVC DWV pipe: to CSA B181.1,2  
 Copper DWV: to ASTM B306, CSA B158.1  
 Copper water pipe above grade: ASTM B88 type M hard.  
 Copper water pipe below grade: ASTM B88 type K soft.  
 All copper piping below grade to be encased in Polyethylene pipe sleeve.  
 Insulate all copper above grade with Armaflexii, 5/16" thick.

Equipment:

Supply and install fixtures, faucets, supplies, stops, and drains as noted or required.  
 Water closets to be to handicapped specifications in the handicapped washrooms, c/w grab bars.  
 Lavatories to have handicapped accessible fixtures and sinks as per code.  
 Color by Architect.  
 All bathroom fixtures to be commercial quality. No flush valves are allowed.  
 Provide backflow preventers for kitchen equipment as required (see Kitchen supplier drawings).  
 Provide shop drawings of all equipment & materials to Engineer for Approval.

Note:

Solders and fluxes used in potable water systems shall not have a lead content in excess of 0.2%.  
 Make good all penetrations and seal openings in fire separations with approved material.  
 Provide approved check valve for appliances as noted in kitchen vendor spec's.  
 All vents through roof and unheated space to be min. 3"Ø per BCPC 2006.

NOTE:

ALL DIMENSIONS MUST BE VERIFIED BY THE CONTRACTOR PRIOR TO BEGINNING ANY FABRICATION OF EQUIPMENT.

AS BUILT  
 DATE: \_\_\_\_\_



			<b>Mount Pleasant War Memorial Cooperative Association Vancouver, BC</b>	
			<b>Plumbing Scope &amp; Spec. Planet Bingo</b>	
REV.	DATE	DESCRIPTION		
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