

**PART 1      General**

**1.1          REFERENCES**

- .1 American Society for Testing and Materials (ASTM)
  - .1 ASTM B32-08, Specification for Solder Metal.
  - .2 ASTM B306-02, Specification for Copper Drainage Tube (DWV).
- .2 Canadian Standards Association (CSA)
  - .1 CAN/CSA-B70-03 (R2008), Cast Iron Soil Pipe, Fittings and Means of Joining.
  - .2 CAN/CSA-B125-05, Plumbing Fittings.

**PART 2      Products**

**2.1          COPPER TUBE AND FITTINGS**

- .1 Above ground vent Type DWV to: ASTM B306.
  - .1 Fittings.
    - .1 Cast brass: to CAN/CSA-B125.
    - .2 Wrought copper: to CAN/CSA-B125.
  - .2 Solder: tin-lead, 50:50, type 50A, to ASTM B32.

**2.2          CAST IRON PIPING AND FITTINGS**

- .1 Above ground sanitary, storm and vent: to CAN/CSA-B70.
  - .1 Joints.
    - .1 Hub and spigot.
      - .1 Caulking lead: to CSA B67.
    - .2 Mechanical joints.
      - .1 Neoprene or butyl rubber compression gaskets with stainless steel clamps.

**PART 3      Execution**

**3.1          INSTALLATION**

- .1 Install in accordance with Canadian Plumbing Code and local authority having jurisdiction.

**3.2          TESTING**

- .1 Hydraulically test to verify grades and freedom from obstructions.

**3.3 PERFORMANCE VERIFICATION**

- .1 Cleanouts:
  - .1 Ensure accessible and that access doors are correctly located.
  - .2 Open, cover with linseed oil and re-seal.
  - .3 Verify that cleanout rods can probe as far as the next cleanout, at least.
- .2 Test to ensure traps are fully and permanently primed.
- .3 Ensure that fixtures are properly anchored, connected to system and effectively vented.
- .4 Affix applicable label (storm, sanitary, vent, pump discharge etc.) c/w directional arrows every floor or 4.5 m (whichever is less).

**END OF SECTION**