

**Part 1            General**

**1.1                REFERENCES**

- .1    American Society for Testing and Materials (ASTM):
  - .1    ASTM B 32, Specification for Solder Metal.
  - .2    ASTM B 306, Specification for Copper Drainage Tube (DWV).
- .2    Canadian Standards Association (CSA).
- .3    CAN/CSA-B125, Plumbing Fittings.

**1.2                RELATED SECTIONS**

- .1    Section 21 05 01 - Mechanical General Requirements.
- .2    Section 23 05 05 - Installation of Pipework.

**Part 2            Products**

**2.1                COPPER TUBE AND FITTINGS**

- .1    Above ground sanitary and vent (50mm and smaller) Type DWV to: ASTM B 306.
  - .1    Fittings.
    - .1    Cast brass: to CAN/CSA-B125.
    - .2    Wrought copper: to CAN/CSA-B125.
  - .2    Solder: lead free, tin- Antimony 95:5 to ASTM B32, Type 50A.

**Part 3            Execution**

**3.1                INSTALLATION**

- .1    In accordance with Section 23 05 05 - Installation of Pipework.
- .2    Install in accordance with National Plumbing Code of Canada and local authority having jurisdiction.
- .3    Install deep seal trap on duct plenum and chimney drains. Run DWV Copper pipe from trap to floor drains or other designated places. Drain lines running below ducts may be supported from supports of ducts they drain. Co-ordinate scope of work with other trades.
- .4    Install piping parallel and close to walls to conserve headroom and ceiling space; grade as indicated.

### **3.2 TESTING**

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

**END OF SECTION**