

1 **GENERAL**

1.1 **REFERENCES**

- .1 ASTM International Inc.
 - .1 ASTM B 32-08, Standard Specification for Solder Metal.
 - .2 ASTM B 306-09, Standard Specification for Copper Drainage Tube (DWV).
- .2 Canadian Standards Association (CSA International).
 - .1 CAN/CSA-B125.3-11, Plumbing Fittings.

1.2 **ACTION AND INFORMATIONAL SUBMITTALS**

- .1 Provide submittals in accordance with Section 01 00 10 – General Instructions.
- .2 Product Data:
 - .1 Provide manufacturer's printed product literature and datasheets, and include product characteristics, performance criteria, physical size, finish and limitations.

2 **PRODUCTS**

2.1 **COPPER TUBE AND FITTINGS**

- .1 Above ground sanitary Type DWV to: ASTM B 306.
 - .1 Fittings.
 - .1 Cast brass: to CAN/CSA-B125.3.
 - .2 Wrought copper: to CAN/CSA-B125.3.
 - .2 Solder: tin-lead, 50:50, type 50A, to ASTM B 32.

3 **EXECUTION**

3.1 **APPLICATION**

- .1 Manufacturer's Instructions: comply with manufacturer's written recommendations, including product technical bulletins, handling, storage and installation instructions, and datasheets.

3.2 **INSTALLATION**

- .1 Install in accordance with National Plumbing Code.

3.3 **TESTING**

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

3.4 **PERFORMANCE VERIFICATION**

- .1 Cleanouts:
 - .1 Ensure accessible and that access doors are correctly located.

- .2 Affix applicable label (storm, sanitary, vent, pump discharge etc.) c/w directional arrows every floor or 4.5 m (whichever is less).
- 3.5 **CLEANING**
 - .1 Clean in accordance with Section 01 00 10 – General Instructions.