

PART 1 - GENERAL

1.1 RELATED  
REQUIREMENTS

- .1 Section 01 35 29.06 - Health and Safety Requirements.
- .2 Section 01 74 21 - Construction/Demolition Waste Management and Disposal
- .3 Section 23 05 05 - Installation of Pipework.

1.2 REFERENCES

- .1 ASTM International Inc.
  - .1 ASTM B 32, Standard Specification for Solder Metal.
  - .2 ASTM B 306, Standard Specification for Copper Drainage Tube (DWV).
  - .3 ASTM C 564, Standard Specification for Rubber Gaskets for Cast Iron Soil Pipe and Fittings.
- .2 Canadian Standards Association (CSA International).
  - .1 CAN/CSA-B70, Cast Iron Soil Pipe, Fittings and Means of Joining.
  - .2 CAN/CSA-B125, Plumbing Fittings.

1.3 ACTION AND  
INFORMATIONAL  
SUBMITTALS

- .1 Provide submittals in accordance with Section 01 33 00 - Submittal Procedures.

1.4 DELIVERY,  
STORAGE AND  
HANDLING

- .1 Deliver, store and handle in accordance with Section 01 61 00 - Common Product Requirements.
- .2 Deliver materials to site in original factory packaging, labelled with manufacturer's name, address.

- .3 Packaging Waste Management: remove packaging materials in accordance with Section 01 74 21 - Construction/Demolition Waste Management and Disposal.

## PART 2 - PRODUCTS

### 2.1 CAST IRON PIPE AND FITTINGS

- .1 Buried sanitary storm and vent minimum NPS 3, to: CAN/CSA-B70, with one layer of bituminous protective coating.
  - .1 Joints:
    - .1 Mechanical joints:
      - .1 Neoprene or butyl rubber compression gaskets: to CAN/CSA-B70. ASTM C 564 or
      - .2 Stainless steel clamps.
    - .2 Above ground sanitary storm and vent: to CAN/CSA-B70.
      - .1 Joints:
        - .1 Mechanical joints:
          - .1 Neoprene or butyl rubber compression gaskets with stainless steel clamps.

### 2.2 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.

## 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 and local authority having jurisdiction.

- 3.2 CLEANING
- .1 Clean in accordance with Section 01 74 11 -  
Cleaning.
  - .2 Waste Management: separate waste materials in  
accordance with Section 01 74 21 -  
Construction/Demolition Waste Management and  
Disposal.