

## 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.

HEATING PLANT UPGRADE	DRAINAGE, WASTE	SECTION 22 13 17
ATLANTIC INSTITUTION	AND VENT PIPING	
RENOUS, NB	CAST IRON AND	PAGE 3
R.087698.001	COPPER	

- 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.