

Part 1 General

1.1 WASTE MANAGEMENT AND DISPOSAL

- .1 Separate and recycle waste materials in accordance with Section 01 74 21 – Construction / Demolition - Waste Management and Disposal.
- .2 Collect and separate plastic, paper packaging and corrugated cardboard in accordance with Waste Management Plan.

Part 2 Products

2.1 PIPING AND FITTINGS

- .1 For buried and above ground DWV piping to:
 - .1 CSA-B181.2, current edition.
- .2 Do not use PVC-DWV for sections of piping where hot water may be discharged such as boiler or humidifier blowdown and drain. Provide cast iron or copper piping to connection with main.
- .3 Do not use standard PVC-DWB for sections of piping located in a space used for movement of return air. Pipe and fittings shall be formulated for flame spread of 0 and Smoke Developed of 35. No field applied coatings will be acceptable except where used to recoat piping joints.
 - .1 Acceptable product: IPEX XFR

2.2 JOINTS

- .1 Solvent weld for PVC: to ASTM D2564, current edition.

Part 3 Execution

3.1 INSTALLATION

- .1 In accordance with Section 23 05 05 – Installation of Pipework.
- .2 Install in accordance with Canadian Plumbing Code and Local Authority Having Jurisdiction.
- .3 Where pipe or fittings are located within a space to be used for transport of return air, provide treated system to meet Flame Spread of 0 and Smoke Developed of 35 when tested to CAN/ULC S102.2. Only field joints may be coated in field. Provide all pipe and fittings of factory treated material. Install according to Manufacturers certified procedures, using compatible solvent cement and primer.

3.2 TESTING

- .1 Pressure test buried systems before backfilling.
- .2 Hydraulically test to verify grades and freedom from obstructions.

3.3 PERFORMANCE VERIFICATION (PV)

- .1 Cleanouts:
 - .1 Ensure accessible and that access doors are correctly located.
 - .2 Open, cover with linseed oil and re-seal.
 - .3 Verify cleanout rods can probe as far as the next cleanout, at least.
- .2 Test to ensure traps are fully and permanently primed.
- .3 Ensure 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 22 13 18