

PART 1 - GENERAL

1.1 REFERENCES

- .1 Canadian Standards Association (CSA).
 - .1 CAN/CSA C22.2 No. 18-98 (R2003), Outlet Boxes, Conduit Boxes, and Fittings and Associated Hardware.
 - .2 CSA C22.2 No. 211.2-06, Rigid PVC (Unplasticized) Conduit.

1.3 WASTE MANAGEMENT AND DISPOSAL

- .1 Separate and recycle waste materials in accordance with Section 01 74 21 - Construction/Demolition Waste Management and Disposal).
- .2 Place materials defined as hazardous or toxic waste in designated containers.
- .3 Ensure emptied containers are sealed and stored safely for disposal away from children.
- .4 Collect and separate plastic, paper packaging and corrugated cardboard in accordance with Waste Management Plan.

1.4 APPROVALS, CODES AND PERMITS

- .1 All work shall be done in accordance with the latest edition of the Canadian Electrical Code C22.1.
- .2 Contractor shall present drawings to Electrical Inspection Authority for approval and obtain a permit before starting work.
- .3 Notify the Departmental Representative of any changes required before proceeding.

PART 2 - PRODUCTS

2.1 CONDUITS

- .1 Rigid PVC conduit complete with fittings: to CSA C22.2 No. 211.2.

PART 2 - PRODUCTS
(CONT'D)

2.3 CONDUIT FITTINGS

- .1 Fittings: manufactured for use with conduit specified. Coating: same as conduit.
- .2 Factory “ells” where 90° bends are required for 25 mm and larger conduits.
- .3 Short radius bends: Coordinate conduit installation with actual space available for bend. Use short radius bend as required.

2.4 EXPANSION FITTINGS FOR PVC CONDUIT

- .1 Weatherproof expansion fittings suitable for 100 mm linear expansion.
- .2 Watertight expansion fittings suitable for linear expansion and 19 mm deflection in all directions.
- .3 Weatherproof expansion fittings for linear expansion at entry to panel.

2.5 FISH CORD

- .1 6 mm polypropylene.

PART 3 – EXECUTION

N/A