

PART 1 - GENERAL

1.1 REFERENCES .1 CSA C22.2 No. 0.3-M1985, Test Methods for Electrical Wires and Cables.

1.2 PRODUCT DATA .1 Submit product data in accordance with Section 26 05 00.

PART 2 - PRODUCTS

- 2.1 WIRES
- .1 Conductors: stranded for 8 AWG and larger. Minimum Size: 12 AWG.
  - .2 Copper Conductors: size as indicated, with 600 V insulation of chemically cross-linked thermosetting polyethylene material rated RW-90.
  - .3 Copper Conductors: size as indicated, with thermosplastic insulation type TW rated at 600 V, for ground and bonding conductors only.
  - .4 Armoured teck cable rating shall have insulation rating of 1000V.

PART 3 - EXECUTION

- 3.1 USE OF WIRING
- .1 Service entrance wiring to be accomplished using RW-90 wire in conduit.
  - .2 AC power wiring to panelboards to be accomplished using RW-90 wire in conduit (type as indicated on drawings) for receptacle circuits.
  - .3 AC power wiring to panelboards to be accomplished using RW-90 wire in conduit (type as indicated on drawings) for lighting circuits.

- .4 AC power wiring to pedestals and exterior lighting to be accomplished using RW-90 wire in PVC conduit underground and above ground. Conduit above ground for lighting shall be protected by galvanized U-Guard.

3.2 INSTALLATION OF BUILDING WIRES

- .1 Install wiring as follows:
  - .1 In conduit systems in accordance with Section 26 05 34.
  - .2 In deck conduits in accordance with Section 26 05 34.