

PART 1 - GENERAL

- 1.1 RELATED SECTIONS
- .1 Section 01 33 00 - Submittal Procedures.
  - .2 Section 26 05 00 - Electrical General Requirements.
- 1.2 REFERENCES
- .1 Canadian Standards Association (CSA International).
    - .1 CSA C22.1-2012, Canadian Electrical Code, Part 1.
- 1.3 SUBMITTALS
- .1 Provide submittals in accordance with Section 01 33 00 - Submittal Procedures.
  - .2 Product Data:
    - .1 Provide manufacturer's printed product literature, specifications and datasheet and include product characteristics, performance criteria, physical size, finish and limitations.
  - .3 Provide shop drawings: in accordance with Section 01 33 00 - Submittal Procedures.
    - .1 Provide drawings stamped and signed by professional engineer registered or licensed in Province of Newfoundland and Labrador, Canada.
- 1.4 DELIVERY, STORAGE AND HANDLING
- .1 Waste Management and Disposal:
    - .1 Separate waste materials for reuse and recycling in accordance with Section 01 74 22 - Construction/Demolition Waste Management and Disposal.

PART 2 - PRODUCTS

- 2.1 JUNCTION AND PULL BOXES
- .1 Welded steel construction with screw-on flat covers for surface mounting.
  - .2 Covers with 25 mm minimum extension all around, for flush-mounted pull and junction boxes.
  - .3 Size junction and pull boxes as per Canadian Electrical Code requirements.

2.1 JUNCTION AND PULL BOXES  
(Cont'd)

.4 Acceptable Manufacturers for standard boxes:  
.1 Bel Type D.  
.2 Hammond Type C.  
.3 Hoffman Type A.

2.2 CABINETS

.1 Type E: sheet steel, hinged door and return flange overlapping sides, handles, lock and catch, for surface mounting.

.2 Type T: sheet steel cabinet, with hinged door, latch, lock, two (2) keys, containing 19 mm fir plywood backboard for surface flush mounting.

PART 3 - EXECUTION

3.1 JUNCTION, PULL BOXES AND CABINETS INSTALLATION

.1 Install pull boxes in inconspicuous but accessible locations.

.2 Mount cabinets with top not higher than 2 m above finished floor.

.3 Install terminal block as indicated in Type T cabinets.

.4 Only main junction and pull boxes are indicated. Install pull boxes so as not to exceed 30 m of conduit run between pull boxes.

3.2 IDENTIFICATION

.1 Equipment Identification: to Section 26 05 00- Electrical General Requirements.

.2 Identification Labels: size 2 indicating system name voltage and phase.