

PART 1 - GENERAL

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| <u>1.1 RELATED
SECTIONS</u> | .1 | Section 01 33 00 - Submittal Procedures. |
| | .2 | Section 26 05 00 - Electrical General Requirements. |
| <u>1.2 REFERENCES</u> | .1 | Canadian Standards Association (CSA International). |
| | .1 | CSA C22.1-2012, Canadian Electrical Code, Part 1. |
| <u>1.3 SUBMITTALS</u> | .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. |
| <u>1.4 DELIVERY,
STORAGE AND
HANDLING</u> | .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

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| <u>2.1 JUNCTION AND
PULL BOXES</u> | .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.