

PART 1 - GENERAL

1.1 RELATED SECTIONS

- .1 Section 21 00 00/26 00 00 – Specific Conditions – Mechanical/Electrical.
- .2 Section 26 05 00 – Common Work Results – Electrical.

1.2 REFERENCES

- .1 Unless otherwise indicated, all the works must be done in accordance with the latest edition of the Quebec Construction Code (QCC).
- .2 Furthermore, works must be carried out in accordance with any other code or standard having jurisdiction, as per the latest edition, including, but not limited to:
 - .1 Canadian Standards Association (CSA) / CSA International:
 - .1 CSA C22.1, Canadian Electrical Code, Part I, latest edition.

1.3 SUBMITTALS

- .1 Shop drawings:
 - .1 Submit shop drawings in accordance with Section 21 00 00/26 00 00 – Specific Conditions – Mechanical/Electrical.
- .2 Product data:
 - .1 Submit required product data in accordance with Section 21 00 00/26 00 00 – Specific Conditions – Mechanical/Electrical.
 - .2 Include product characteristics, performance criteria, physical size, limitations and finish.
- .3 Samples:
 - .1 N/A.

1.4 WASTE MANAGEMENT AND DISPOSAL

- .1 Separate waste materials for recycling in accordance with Section 21 00 00/26 00 00 – Specific Conditions – Mechanical/Electrical.

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- .2 Remove all packaging material from work site and divert to appropriate recycling facility.
- .3 Separate packaging material for recycling and place in designated containers in accordance with Waste Management Plan.
- .4 Divert unused metal materials to metal recycling facility as approved by Engineer.

PART 2 - PRODUCTS

2.1 Splitters

- .1 Sheet metal enclosure, welded corners and formed hinged cover suitable for locking in closed position.
- .2 Main and branch lugs to match required size and number of incoming and outgoing conductors as indicated.

2.2 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.

2.3 MANUFACTURER

- .1 Acceptable products for pull and junction boxes: Iberville by Commander Inc. or approved equivalent.

PART 3 - EXECUTION

3.1 SPLITTER INSTALLATION

- .1 Mount plumb, true and square to building lines according to plans.
- .2 Extend splitters full length of equipment arrangement except where indicated otherwise.

3.2 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.

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- .3 Install terminal block in Type T cabinets as indicated on plans.
- .4 Only main junction and pull boxes are indicated. Install sufficient pull boxes to ensure that the conduit run between pull boxes does not exceed 30 m in length and that there are no more than three 90° bends or the equivalent between boxes for distribution, and no more than two 90° bends or the equivalent for other circuits and empty conduits.
- .5 Size all junction boxes and pull boxes according to the number of conductors and the diameter of connected conduits.

3.3 IDENTIFICATION LABELS

- .1 Size 2 indicating system name, power source, rated current, voltage and phase.

END OF SECTION