

**PART 1**                      **GENERAL**

**1.1**                      **RELATED SECTIONS**

- .1                      Section 01 33 00 – Submittal Procedures.
- .2                      Section 26 80 00 – Commissioning of Electrical Systems.
- .3                      Section 26 05 00 – Common Work Results – Electrical.

**1.2**                      **SUBMITTALS**

- .1                      Submit shop drawings and product data for cabinets.
- .2                      Provide manufacturer's printed product literature, specifications and datasheet and include product characteristics, performance criteria, physical size, finish and limitations.
- .3                      Provide drawings stamped and signed by professional engineer registered or licensed in the Province of Newfoundland and Labrador, Canada.

**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.
- .3                      At least three spare terminals on each set of lugs in splitters less than 400 A.

**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**                      **CABINETS**

- .1                      Type E: sheet steel, hinged door and return flange overlapping sides, handle, lock and catch, for surface mounting.
- .2                      Type T: sheet steel cabinet, with hinged door, latch, lock, 2 keys, containing 19 mm fir plywood backboard for surface flush mounting.

**PART 3                      EXECUTION**

**3.1                      SPLITTER INSTALLATION**

- .1                      Install splitters and mount plumb, true and square to the building lines.
- .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.
- .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.

**3.3                      IDENTIFICATION**

- .1                      Provide equipment identification in accordance with Section 26 05 00 – Common Work Results - Electrical.
- .2                      Install size 2 identification labels indicating system name voltage and phase.

**END OF SECTION**