

PART 1 - GENERAL

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| <u>1.1 Shop Drawings
and Product Data</u> | .1 | Submit shop drawings and product data for cabinets in accordance with Section 01 33 00 - Submittal Procedures. |
| <u>1.2 Waste
Management and
Disposal</u> | .1 | Separate and recycle waste materials in accordance with Section 01 74 21 - Construction/Demolition Waste Management And Disposal, and with the Waste Reduction Workplan. |
| | .2 | Collect and separate plastic, paper packaging and corrugated cardboard in accordance with Waste Management Plan. |
| | .3 | Fold up metal banding, flatten and place in designated area for recycling. |

PART 2 - PRODUCTS

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| <u>2.1 Splitters</u> | .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. |
| <u>2.2 Junction and
Pull Boxes</u> | .1 | Welded steel construction with screw-on flat covers for surface mounting. |
| | .2 | Covers with 25 mm (1") minimum extension all around, for flush-mounted pull and junction boxes. |
| <u>2.3 Cabinets</u> | .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 sheet steel backboard for surface or flush mounting as indicated. |

PART 3 - EXECUTION

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| <u>3.1 Splitter
Installation</u> | .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. |
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| <u>3.2 Junction, Pull
Boxes and Cabinets
Installation</u> | .1 | Install pull boxes in inconspicuous but accessible locations. |
| | .2 | Mount cabinets with top not higher than 2 m (6 1/2') 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 (100') of conduit run between pull boxes. |
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| <u>3.3 Identification</u> | .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, as applicable. |