

PART 1 - GENERAL

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| <u>1.1 RELATED
SECTIONS</u> | <ul style="list-style-type: none">.1 Splitters, Junction, Pull Boxes and Cabinets:
Section 26 05 31.2 Conduits, Conduit Fastenings and Conduit Fittings:
Section 26 05 34 |
| <u>1.2 WASTE
MANAGEMENT AND
DISPOSAL</u> | <ul style="list-style-type: none">.1 Remove from site and dispose of all packaging materials at appropriate recycling facilities..2 Collect and separate for disposal paper, plastic, polystyrene, corrugated cardboard packaging material in appropriate on-site bins for recycling in accordance with Waste Management Plan..3 Divert unused metal conduit and wiring materials from landfill to metal recycling facility as approved by the Engineer..4 Fold up metal banding, flatten and place in designated area for recycling. |

PART 2 - PRODUCTS

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| <u>2.1 MATERIAL</u> | <ul style="list-style-type: none">.1 Conduits: EMT, in accordance with Section 26 05 34 - Conduits, Conduit Fastenings and Conduit Fittings..2 Junction boxes: in accordance with Section 26 05 31 - Splitters, Junction, Pull Boxes and Cabinets..3 Outlet boxes 100mm square type with plaster rings type, conduit boxes: in accordance with Section 26 05 32 - Outlet Boxes, Conduit Boxes and Fittings. |
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PART 3 - EXECUTION

- 3.1 INSTALLATION .1 Install raceway system, including fish wire, outlet boxes, pull boxes, cover plates, conduit, sleeves and caps, miscellaneous and positioning material to constitute complete system.
- 3.2 CONDUIT SYSTEM RESTRICTIONS .1 Do not provide conduit raceways that exceed 30 m or contain more than two 90° bends (or equivalent) between pull points or pull boxes.
- .2 Do not provide pull boxes in lieu of conduit bends.
- .3 LB connectors not permitted.
- .4 Provide inside radius bends to minimum of 6 times in the internal diameter for conduits 50 mm and smaller. For larger conduits provide inside radius bends to a minimum of 10 times the internal diameter of the conduit.
- .5 Ensure conduits terminations are free from sharp edges and fitted with insulated bushings.
- .6 Ream individual lengths of conduit to remove sharp edges.
- .7 Provide sufficient conduit size to permit maximum 40% fill capacity.