

PART 1 - GENERAL

1.1 RELATED SECTIONS

- .1 Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 REFERENCES

- .1 CSA C22.1-2018, Canadian Electrical Code, Part 1.

PART 2 - PRODUCTS

2.1 OUTLET CONDUIT
BOXES - GENERAL

- .1 Size boxes in accordance with CSA C22.1.
- .2 102 mm square or larger outlet boxes as required for special devices.
- .3 Gang boxes where wiring devices are grouped.
- .4 Blank cover plates for boxes without wiring devices.
- .5 Combination boxes with barriers where outlets for more than one system are grouped.
- .6 See details on drawings for electrical pedestal outlet box types.
- .7 All conduits and boxes in electrical shed shall be rigid PVC.

2.2 CONDUIT BOXES

- .1 PVC or fibreglass FS and FD boxes with factory threaded hubs

and mounting feet for surface wiring of switches, receptacles, and controls. See drawings for details.

2.3 FITTINGS GENERAL

- .1 Bushing and connectors with nylon insulated throats.
- .2 Knock-out fillers to prevent entry of debris.
- .3 Conduit outlet bodies for conduit up to 32 mm and pull boxes for larger conduits.
- .4 Double locknuts and insulated bushings on sheet metal boxes.

PART 3 - EXECUTION

3.1 INSTALLATION

- .1 Support boxes independently of connecting conduits.
- .2 Fill boxes with paper, sponges, or foam or similar approved material to prevent entry of debris during construction. Remove upon completion of Work.
- .3 Provide correct size of openings in boxes for conduit and mineral insulated and armoured cable connections. Reducing washers are not allowed.
- .4 Provide approved cover plates for lighting fixture junction boxes.

END OF SECTION