

## **PART 1 - GENERAL**

### **1.1 RELATED REQUIREMENTS**

- .1 Section 01 00 10 – General Instructions.
- .2 Section 01 33 00 – Submittal Procedures.

### **1.2 REFERENCES**

- .1 Canadian Standards Association (CSA International)
  - .1 CSA C22.1-09, Canadian Electrical Code, Part 1, 21<sup>th</sup> Edition.
- .2 Unless otherwise specified, perform all work in accordance with the current edition of the «Building Code of Quebec».
- .3 In addition, perform the work in accordance with any other code or other standards having jurisdiction, according to the current edition, including but not limited to:
  - .1 Canadian Standards Association (CSA) / CSA International.
    - .1 CSA C22.2 n° 40, Boîtes de coupe-circuit, de jonction et de tirage.

### **1.3 ACTION AND INFORMATIONAL SUBMITTALS**

- .1 Provide submittals in accordance with Section 01 33 00 - Submittal Procedures.

### **1.4 DELIVERY, STORAGE AND HANDLING**

- .1 Deliver, store and handle materials in accordance with Section 01 00 10 – General Instructions.

## **PART 2 - PRODUCTS**

### **2.1 CONDUIT BOXES GENERAL**

- .1 Size boxes in accordance with CSA C22.1.
- .2 102 mm square or larger outlet boxes as required.
- .3 Blank cover plates for boxes without wiring devices.

### **2.2 OUTDOOR OUTLET BOXES**

- .1 Cast PVC boxes with factory-threaded hubs and mounting feet for surface wiring of devices.

### **2.3 TWISTLOCK SWITCHED BOXES**

- .1 CSA type 4X switched enclosure ready for twistlock receptacle 30A addition.

- .2 The switch cannot be turned 'on' until the plug is properly inserted and locked, and the plug cannot be removed until the switch is turned 'off'.

## **2.4 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 35 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 For flush installations mount outlets flush with finished wall using plaster rings to permit wall finish to come within 6 mm of opening.
- .4 Provide correct size of openings in boxes for conduit, mineral insulated and armoured cable connections. Do not install reducing washers.
- .5 Vacuum clean interior of outlet boxes before installation of wiring devices.
- .6 Identify systems for outlet boxes as required.

**END OF SECTION**