

PART 1 **GENERAL**

1.1 **SECTION INCLUDES**

- .1 Switches, receptacles, wiring devices, cover plates and their installation.

1.2 **RELATED SECTIONS**

- .1 Section 01 33 00 - Submittal Procedures.
- .2 Section 26 05 00 - Common Work Results - Electrical.

1.3 **REFERENCES**

- .1 Canadian Standards Association (CSA)
 - .1 CSA-C22.2 No.42, General Use Receptacles, Attachment Plugs and Similar Devices.
 - .2 CSA-C22.2 No.42.1, Cover Plates for Flush-Mounted Wiring Devices (Bi-national standard, with UL 514D).
 - .3 CSA-C22.2 No.55, Special Use Switches.
 - .4 CSA-C22.2 No.111, General-Use Snap Switches (Bi-national standard, with UL 20, twelfth edition).

PART 2 **PRODUCTS**

2.1 **SWITCHES**

- .1 15A, 125V, single pole switches as indicated to: CSA-C22.2 No.55 and CSA-C22.2 No.111.
- .2 Manually-operated general purpose ac switches with following features:
 - .1 Terminal holes approved for No. 10 AWG wire.
 - .2 Silver alloy contacts.
 - .3 Urea or melamine moulding for parts subject to carbon tracking.
 - .4 Suitable for back and side wiring.
 - .5 Ivory toggle.
 - .6 Specification grade.
- .3 Toggle operated fully rated for tungsten filament and fluorescent lamps, and up to 80% of rated capacity of motor loads.
- .4 Switches of one manufacturer throughout project.
- .5 Standard of acceptance: Hubbell HBL1201I.

- .6 Alternate manufacturers: Pass and Seymour, Leviton, Cooper.

2.2 RECEPTACLES

- .1 Duplex receptacles, CSA type 5-15R, 125V, 15A, U ground, to: CSA-C22.2 No.42 with following features (for use in electrical shed only):
 - .1 Ivory thermoplastic moulded housing.
 - .2 Suitable for No. 10 AWG for back and side wiring.
 - .3 Break-off links for use as split receptacles.
 - .4 Eight back wired entrances, four side wiring screws.
 - .5 Triple wipe contacts and rivetted grounding contacts.
 - .6 Specification grade.
 - .7 Standard of Acceptance: Hubbell HBL5262L.
 - .8 Alternative Manufacturers: Bryant, Pass and Seymour, Cooper, Leviton.
- .2 Simplex receptacle, heavy duty specification grade, corrosion resistant, CSA type 5-15R, 125V, 15A, U-ground, with following features:
 - .1 Nylon face, Rynite body.
 - .2 Suitable for #10 AWG for back and side wiring.
 - .3 Eight back wired entrances, four side wiring screws.
 - .4 Triple wipe contacts and riveted grounding contacts.
 - .5 Color: Yellow.
 - .6 Standard of Acceptance: Hubbell HBL52CM61.
 - .7 Alternative Manufacturers: Bryant, Pass and Seymour, Cooper, Leviton.
- .3 Simplex receptacle, heavy duty specification grade, corrosion resistant, CSA type L5-30R, 125V, 30A, grounded, twist-lock with integral cover to be mounted on angled back box:
 - .1 Standard of Acceptance: Hubbell HBL2610SW-BB2030N.
 - .2 Alternative Manufacturers: Bryant, Pass and Seymour, Cooper, Leviton.
- .4 Simplex receptacle, heavy duty specification grade, corrosion resistant, CSA type L14-30R, 125/250V, 30A, grounded, twist-lock with integral cover to be mounted on angled back box:
 - .1 Standard of Acceptance: Hubbell HBL2710SW-BB2030N.
 - .2 Alternative Manufacturers: Bryant, Pass and Seymour, Cooper, Leviton.
- .5 Simplex receptacle, heavy duty specification grade, corrosion resistant, CSA type L14-50R, 125/250V, 50A, grounded, twist-lock with integral cover to be mounted on angled back box:
 - .1 Standard of Acceptance: Hubbell HBL63CM69-HBL77CM74WO.
 - .2 Alternative Manufacturers: Bryant, Pass and Seymour, Cooper, Leviton.

- .6 Receptacles of one manufacturer throughout project.

2.3 COVER PLATES

- .1 Cover plates for wiring devices to: CSA-C22.2 No.42.1.
- .2 Cover plates from one manufacturer throughout project.
- .3 PVC cover plates for wiring devices mounted in surface PVC outlet boxes within electrical shed.
- .4 Weatherproof, spring-loaded cover plates complete with gaskets for exterior receptacles as indicated.

PART 3 EXECUTION

3.1 INSTALLATION

- .1 Switches:
 - .1 Install single throw switches with handle in "UP" position when switch closed.
 - .2 Mount toggle switches at height in accordance with Section 26 05 00 – Common Work Results - Electrical.
- .2 Receptacles:
 - .1 Mount receptacles at height in accordance with Section 26 05 00 – Common Work Results - Electrical.
 - .2 Mount receptacles at pedestals as indicated.
- .3 Cover plates:
 - .1 Provide identification of branch circuits at all receptacle locations using lamicoid nameplates attached with self-tapping screws. File down points of screws on reverse side.
 - .2 Hinged side of cover to be on top.

END OF SECTION