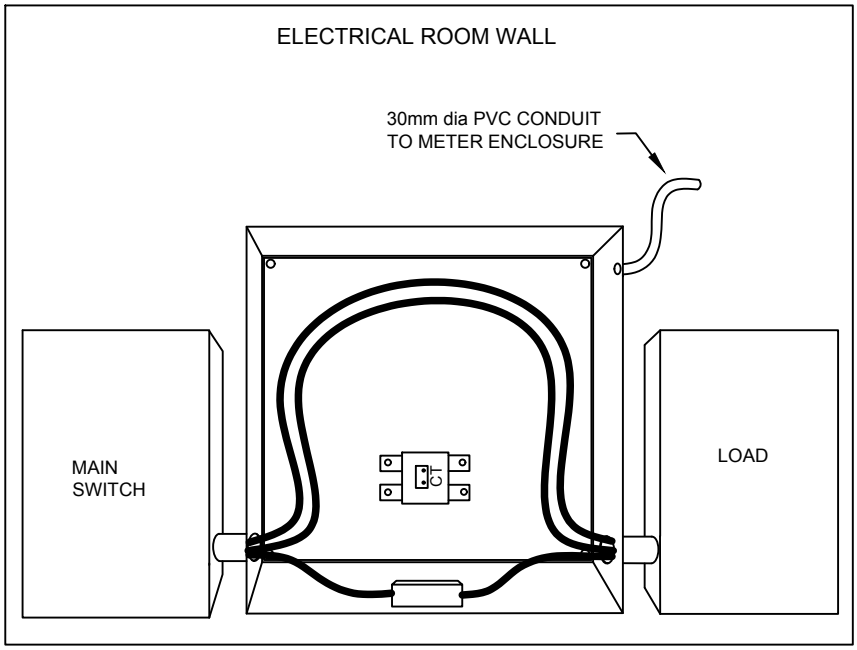
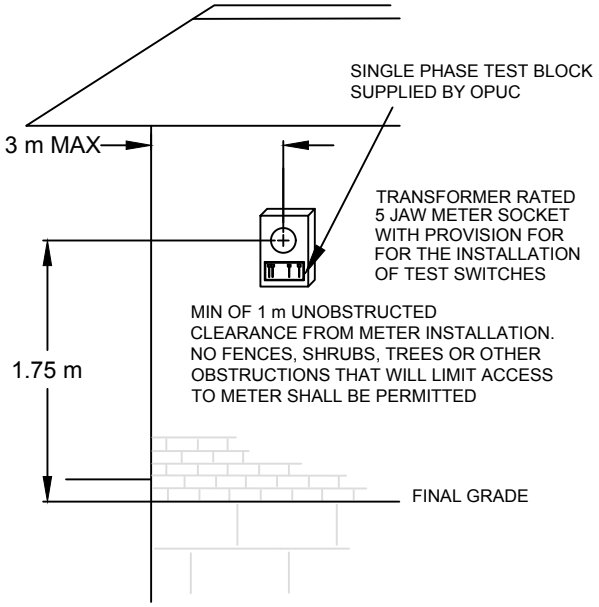
# OSHAWA PUC NETWORKS INC. DISTRIBUTION STANDARDS

## SINGLE PHASE ELECTRICAL SERVICE LARGER THAN 200A WITH REMOTE METER, 120/240V

**12-013**

IN CONJUNCTION WITH 12-023




| OPUCN APPROVED METER SOCKET TYPES | | | |
|---|---|---|---|
| | MANUFACTURER | | |
| | MICROLECTRIC | HYDEL | CUTLER-HAMMER |
| Single Phase Electrical Service | CT105 | CTS405PW | TSU5 |

NOTES:

1. CONDUCTORS SHALL BE LOOPED TO THE TOP OF THE CABINET AS SHOWN.
2. METER CABINET SHALL BE 0.9 m x 0.9 m x 0.3 m +/- 10% (SEE 12-023)
3. THE METERING SECONDARY CONDUIT SHALL BE CONTINUOUS 30 mm dia PVC WITH NO ACCESSIBLE OPENINGS BETWEEN THE METER CABINET AND THE OUTSIDE METER SOCKET LOCATION APPROVED BY METERING DEPARTMENT (I.E. "NO LBS' ). THE LOCATION OF THE SECONDARY CONDUIT WILL BE DETERMINED BY THE LOCATION OF THEOUTSIDE METER SOCKET. THE CONDUIT SHALL NOT INTERFERE WITH THE PLACEMENT OR CONNECTION OF THE METERING INSTRUMENT TRANSFORMER. IF THE CONDUIT MUST INTERFERE WITH THE CABINET'S BACK PLATE, THE BACK PLATE SHALL BE CUT SO THE CONDUIT IS NOT OBSTRUCTED.
4. MAXIMUM ALLOWABLE SECONDARY CONDUIT LENGHT TO BE 15 m.
5. THE METER ROOM MUST BE DESIGNED TO HAVE A MINIMUM OF 1 m CLEARANCE IN FRONT OF THE ELECTRICAL AND METERING EQUIPMENT. THIS SPACE SHALL HAVE A MINIMUM HEADROOM OF 2 m. WHERE A HINGED DOOR IN AN OPEN POSITION WOULD BLOCK AN EXIT ROUTE, A FURTHER 1m OF CLEARANCE FROM THE EDGE OF THE OPEN DOOR SHALL BE PROVIDED. THE ROOM SHALL HAVE A LIGHT AND A RECEPTACLE.
6. THE ELECTRICAL SERVICE MUST MEET ALL ESA INSPECTION STANDARDS AND SHALL BE INSPECTED BY ESA BEFORE CONNECTION TO THE DISTRIBUTION SYSTEM.
7. REFER TO "OPUCN APPROVED METER SOCKET TYPES" FOR SOCKET REQUIREMENTS.

| CONVERSION TABLE | | | |
|---|---|---|---|
| METRIC | IMPERIAL (APPROX.) | METRIC | IMPERIAL (APPROX.) |
| 30mm | 1 1/4" | 1.75 m | 5'-8" |
| 0.3 m | 1'-0" | 2 m | 6'-6" |
| 0.9 m | 3'-0" | 3 m | 10'-0" |
| 1 m | 3'-3" | 15 m | 50'-0" |

Oshawa PUC Networks Inc.

| DRAWN: | CKD: | APP: | |
|---|---|---|---|
| KAB | | | |
| DATE: MAY 11, 2017 | SCALE: NTS | | REV: 1 |