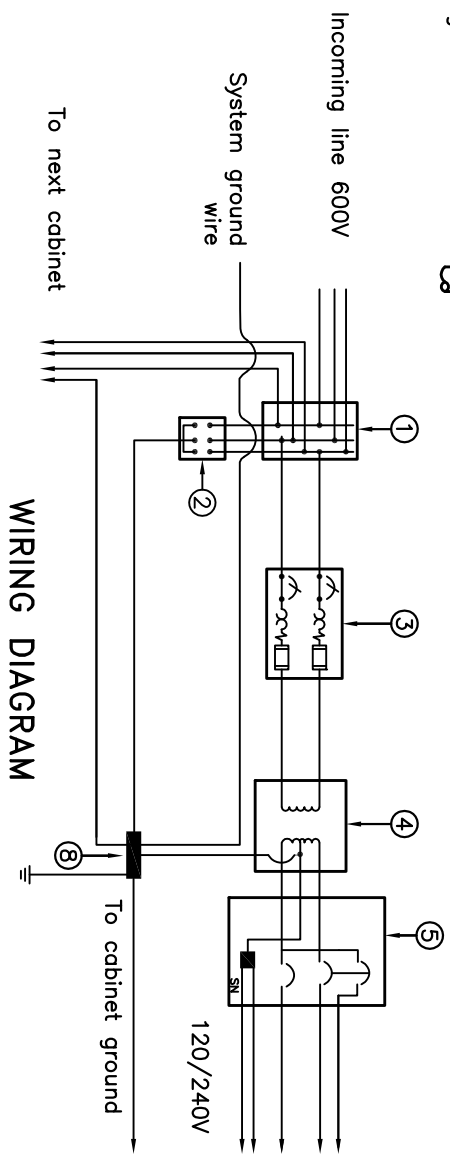


- ① Splitter, 600V maximum, 3 wire.
- ② Lightning arrester, 3 pole, 650V max.
- ③ Integral fused breaker, 2 pole, 600V see quantity sheets for sizes. See wiring diagrams for phase designation.
- ④ Transformer, 600V primary, 120/240V secondary, see quantity sheets for size. See wiring diagrams for phase designation.
- ⑤ Panel board or individually enclosed breakers, see quantity sheets for requirements. Panel Board shall be: 12 circuits, 1 $\phi$ , 120/240V, 225Amp with 25KVA transformer and 100Amp with 15KVA or 10KVA transformers.
- ⑥ Power supply cabinet – 1220H x 915W x 405D stainless steel.
- ⑦ Pedestal – (see MTOD 2940.320).
- ⑧ Cabinet ground bus.

**NOTES:**

A. All dimensions are in millimeters unless otherwise shown.

1. Cabinet to be sealed around bottom perimeter with neoprene gasket.
2. Seal all conduit openings.
3. Panelboard is required where indicated in quantity sheets.
4. All cables within cabinet shall be installed in non metallic liquidtight ducts and connectors.
5. Power supply cabinet to be secured to pedestal with four 16mm dia. x 25mm long stainless steel machine bolts, flat washers & lockwashers.



**WIRING DIAGRAM**

MINISTRY OF TRANSPORTATION ONTARIO DRAWING

ADVANCED TRAFFIC MANAGEMENT SYSTEM

**POWER SUPPLY CABINET**

**5KVA, 10KVA, 15KVA, 25KVA**

Date: Sep. 2010 Rev 2

MTOD – 2940.310