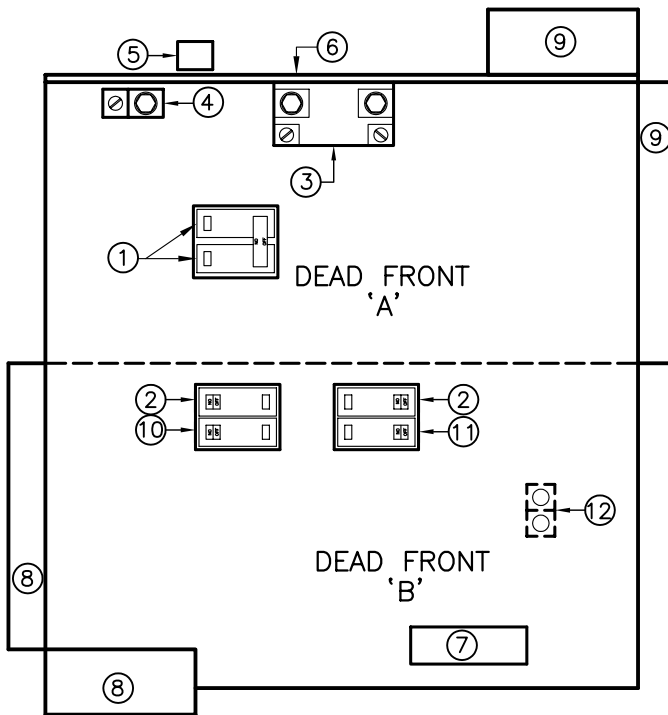
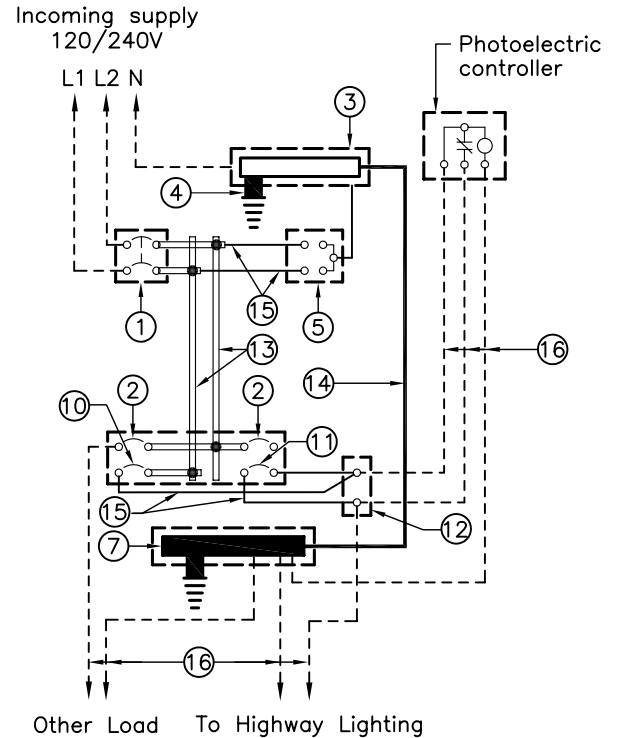


EQUIPMENT LAYOUT



SCHEMATIC WIRING DIAGRAM



ELECTRICAL EQUIPMENT LIST:

- ① Main circuit breaker – 240V, 100A, 2–pole.
- ② Branch circuit breakers – 240V, 1–pole
- ③ Solid neutral assembly – 100A minimum.
- ④ Ground lug for #2/0 AWG stranded copper ground wire.
- ⑤ Secondary lightning arrester – 650V, 2–pole.
- ⑥ Drip shield.
- ⑦ Secondary neutral and ground bus according to CSA and project requirements.
- ⑧ Primary barrier.
- ⑨ Secondary barrier.
- ⑩ Circuit breaker for photoelectric controller and lighting – 240V, 15A, 1pole
- ⑪ Circuit breaker for relamping–240V, 15A, 1pole
- ⑫ Terminal block
- ⑬ Copper bus bar
- ⑭ No. 6 AWG RWU 90 wire
- ⑮ No. 12 AWG RWU 90 wire
- ⑯ Field wiring

NOTE:

A This standard to be read in conjunction with MTOD 2441.010, 2441.020 and 2441.030

MINISTRY OF TRANSPORTATION ONTARIO DRAWING

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SUPPLY CONTROL CABINET ASSEMBLY TYPE 3

120/240V, 100A, 1–PHASE, 3–WIRE

MTOD – 2441.000