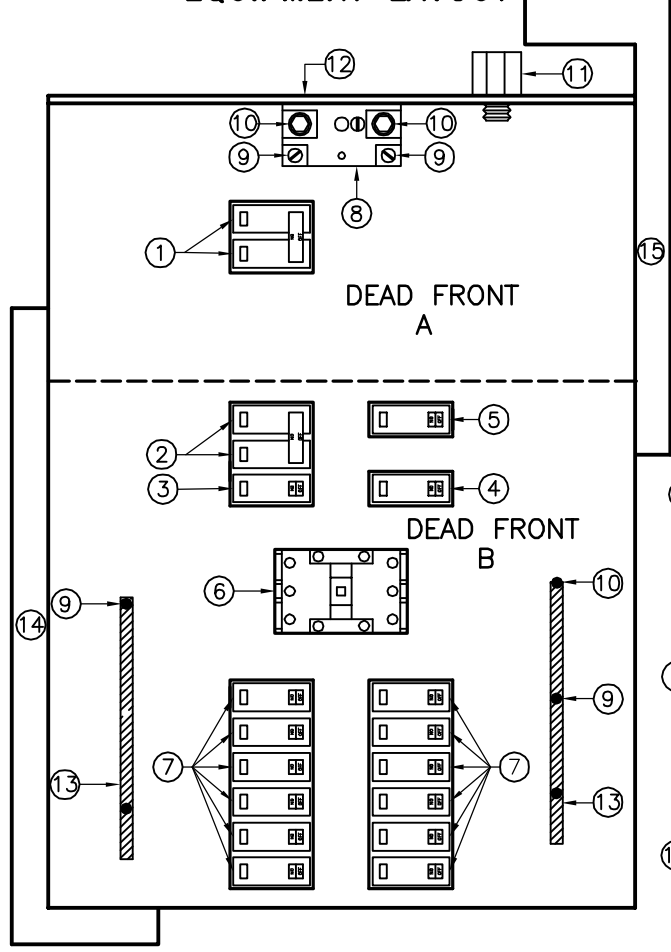
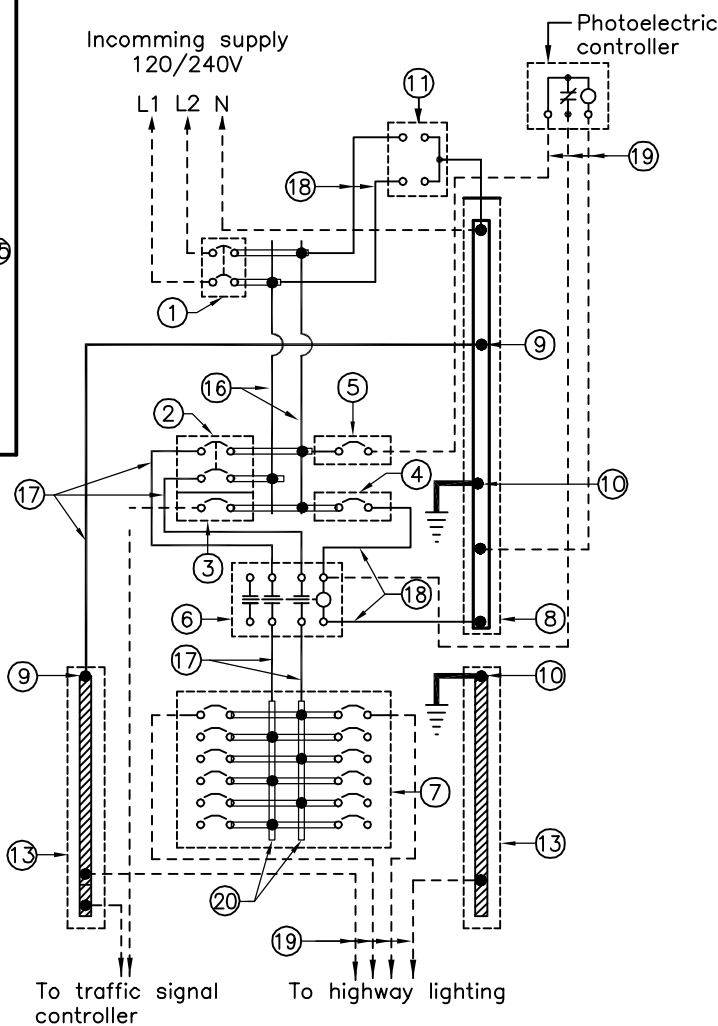


### EQUIPMENT LAYOUT



### SCHEMATIC WIRING DIAGRAM



### ELECTRICAL EQUIPMENT LIST

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>① Main circuit breaker – 100A, 2-pole</li> <li>② Lighting circuit breaker – 60A, 2-pole</li> <li>③ Traffic signal circuit breaker – 1-pole, ampacity as specified</li> <li>④ Circuit breaker used for relamping – 15A, 1-pole</li> <li>⑤ Circuit breaker for photoelectric controller – 15A, 1-pole</li> <li>⑥ Lighting contactor – 60A, 2-pole, 120V coil</li> <li>⑦ Branch circuit breakers – 30A, 1-pole, number of breakers as specified</li> <li>⑧ Solid neutral assembly – 100A minimum, copper</li> <li>⑨ Ground lug for No. 6 AWG stranded copper ground wire</li> </ul> | <ul style="list-style-type: none"> <li>⑩ Ground lug for No. 2/0 AWG stranded copper ground wire</li> <li>⑪ Secondary lightning arrester, 650V, 2-pole</li> <li>⑫ Drip shield</li> <li>⑬ Secondary neutral and ground bus according to CSA and as specified</li> <li>⑭ Primary barrier</li> <li>⑮ Secondary barrier</li> <li>⑯ No. 3 AWG RWU90 wire or copper bus bar</li> <li>⑰ No. 6 AWG RWU90 wire</li> <li>⑱ No. 12 AWG RWU90 wire</li> <li>⑲ Field wiring</li> <li>⑳ Copper bus bar</li> </ul> |
|---|--|

### NOTE:

A This OPSD shall be read in conjunction with OPSD 2440.030, 2440.050, and 2440.060.

ONTARIO PROVINCIAL STANDARD DRAWING

Nov 2014

Rev 1

SUPPLY CONTROL CABINET

ASSEMBLY TYPE 1

120/240V, 100A, 1-PHASE, 3-WIRE



OPSD 2440.010