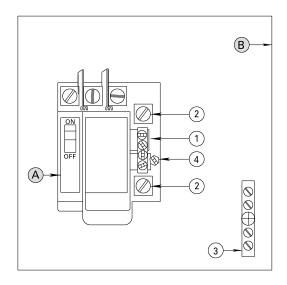
## **EQUIPMENT LAYOUT**



## ELECTRICAL EQUIPMENT LIST AND TABLES

- (1) Solid neutral bus
- (2) Neutral bus termination lugs
- (3) Equipment ground bus
- (4) Box bonding screw
- (5) Black #8 AWG Cu Stranded Conductor wire
- (6) White #8 AWG Cu Stranded Conductor wire
- (7) Grounding Grid
- (8) Hydro feed cabling

## **LEGEND**



Denotes terminal connection

— - — Denotes field wiring (sizes are indicated elsewhere within the contract drawings)

	Part	Traffic Signals	PXO's and Flashing Becons
A	Main circuit breaker	120V, 30A, 1 pole	120V, 15A, 1 pole
B	Weatherproof Load Centre	Square `D' QO403L100RB or equiv	Square `D' QO403L100RB or equiv



## POWER SUPPLY DISCONNECT WIRING DIAGRAM

SCALE NOT TO SCALE

2 x #6 AWG Insulated to Intersection Perimeter

Ground Wire /Split

#6 AWG Bare to

#6 AWG Insulated to Controller Cabinet Ground

Service Ground Electrodes

REVISION DATE
SEPTEMBER, 2024

**Traffic Management Section** 

APPROVED BY:

**SCHEMATIC** 

from Utility Supply

(2)

(6)

TO CABINET NEUTRAL

TO CABINET SUPPLY

DRAWN BY:

PLAN No. **806.005**