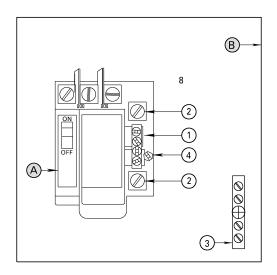
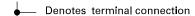
EQUIPMENT LAYOUT



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 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' Part No. QO403L100RD	Square `D' Part No. QO403L100RD



POWER SUPPLY DISCONNECT WIRING DIAGRAM

NOT TO SCALE

REVISION DATE

CERTEMBER 2022

2 x #6 AWG Insulated

#6 AWG Insulated to Controller Cabinet Ground

Service Ground Electrodes

#6 AWG Bare to

to Intersection Perimeter Ground Wire /Split

SEPTEMBER, 2023

Traffic Plant Installation and Maintenance

APPROVED BY:

SCHEMATIC

(5)

TO CABINET SUPPLY

from Utility Supply

2

(2)

TO CABINET NEUTRAL

6

DRAWN BY:

PLAN No. **806.005**