

CONTROL SCHEMATIC

- ① PHOTOCELL WITH INTEGRAL SURGE ARRESTER.
- ② HAND-OFF-AUTO SELECTOR SWITCH.
- ③ 200 AMP*, ELECTRICALLY HELD CONTACTOR.
- ④ * AMP, 1-POLE CIRCUIT BREAKER.
- ⑤ * AMP*, 2-POLE CIRCUIT BREAKER (TWO SPARES REQUIRED BY NOT SHOWN).
- ⑥ SURGE ARRESTER.
- ⑦ GFCI DUPLEX RECEPTACLE.

- ⑧ SINGLE POLE, SINGLE-THROW SWITCH.
- ⑨ INCANDESCENT LUMINAIRE, ENCLOSED AND GASKETTED WITH 100 WATT LAMP.
- ⑩ SERVICE DISCONNECT SWITCH - 2-POLE, 3-WIRE, 200 AMP*, FUSED AT 200 AMP*, SOLID NEUTRAL IN NEMA 4X ENCLOSURES HAVING LOCKABLE EXTERNAL HANDLE.
- ⑪ TRANSFORMER - 1KVA*, 480V PRIMARY, 120/240V SECONDARY, SINGLE-PHASE, 60HZ.
- ⑫ * AMP*, 2-POLE CIRCUIT BREAKER.
- ⑬ * AMP*, 2-POLE CIRCUIT BREAKER.

* SIZE LARGER AS NEEDED.
 * SEE CONTROLLER BREAKER SCHEDULE FOR SIZE AND NUMBER OF BREAKER.

NOTE - REFER TO ROADWAY LIGHTING DETAIL LD-5 FOR PHOTOCELL MOUNTING RETAIL.

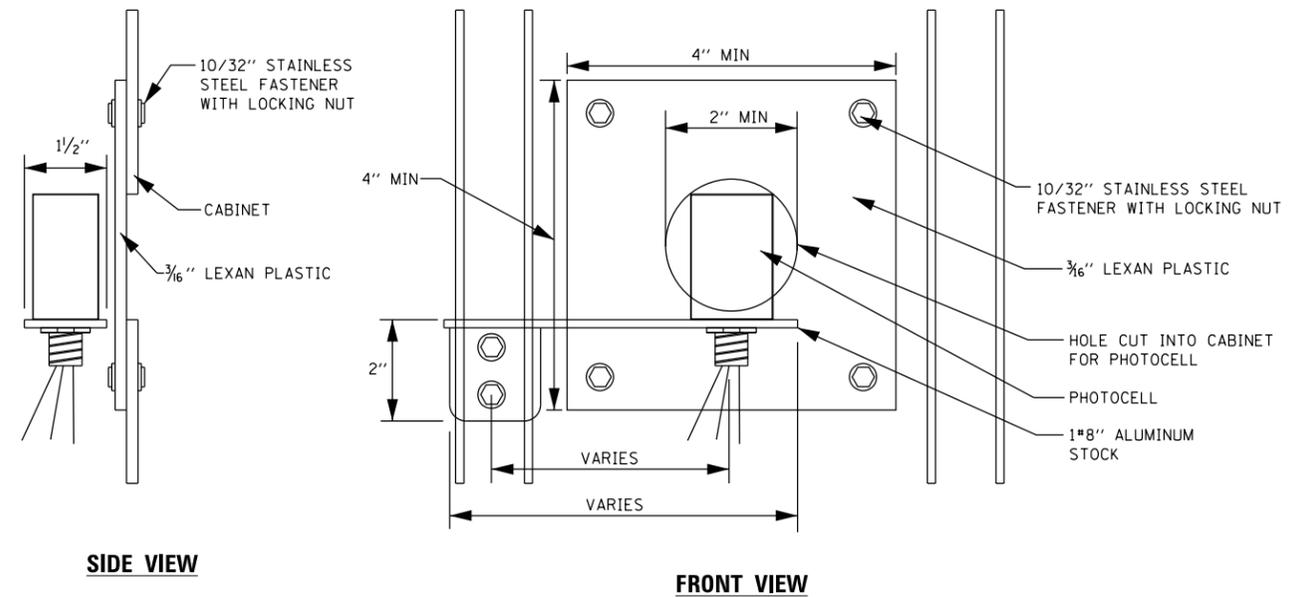
All dimensions are in inches (millimeters) unless otherwise shown.

CONTROLLER Y BREAKER SCHEDULE

BREAKER TYPE	SIZE	# BREAKER NEEDED
④	15A	2
⑤	20A	2
⑤	40A	2
⑫	15A	1
⑬	200A	1

CONTROLLER Z BREAKER SCHEDULE

BREAKER TYPE	SIZE	# BREAKER NEEDED
④	15A	2
⑤	20A	4
⑤	30A	1
⑫	15A	1
⑬	200A	1



PHOTOCELL MOUNTING DETAIL

FILE NAME = \$FILE\$	USER NAME = dossdd	DESIGNED - DJ	REVISED -
c:\pwwork\pwwork\dossdd\0329565\0264750-sh-t-light-detail.dgn		DRAWN - DJ	REVISED -
		CHECKED - RP	REVISED -
PLOT DATE = Mon Dec 17 16:30:17 2012		DATE - 11/14/2012	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	241
CONTRACT NO. 64750				
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				