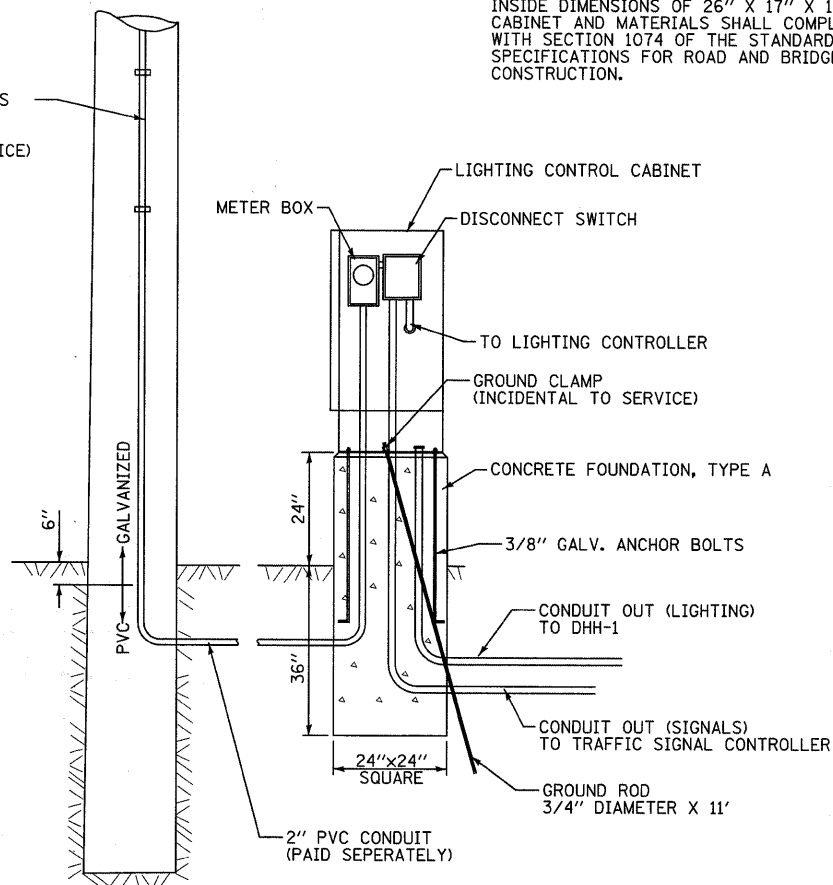


**NOTES:**

1. ALL ENCLOSURES SHALL BE NEMA TYPE 4 5052-H32-ALUMINUM ALLOY WEATHER PROOF BOX WITH CCL (CORBIN) #R357SGS LOCK WITH KEYHOLE COVER OR EQUIVALENT AND NATURAL ALUMINUM FINISH, PER FED. SPEC. QQA-250/8.
2. CONTROL CABINET PEDESTAL SHALL HAVE NOMINAL INSIDE DIMENSIONS OF 26" X 17" X 15". CABINET AND MATERIALS SHALL COMPLY WITH SECTION 1074 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

3 - 1/C NO. 6 CABLES (PAID SEPERATELY) IN 2" CONDUIT (INCIDENTAL TO SERVICE)

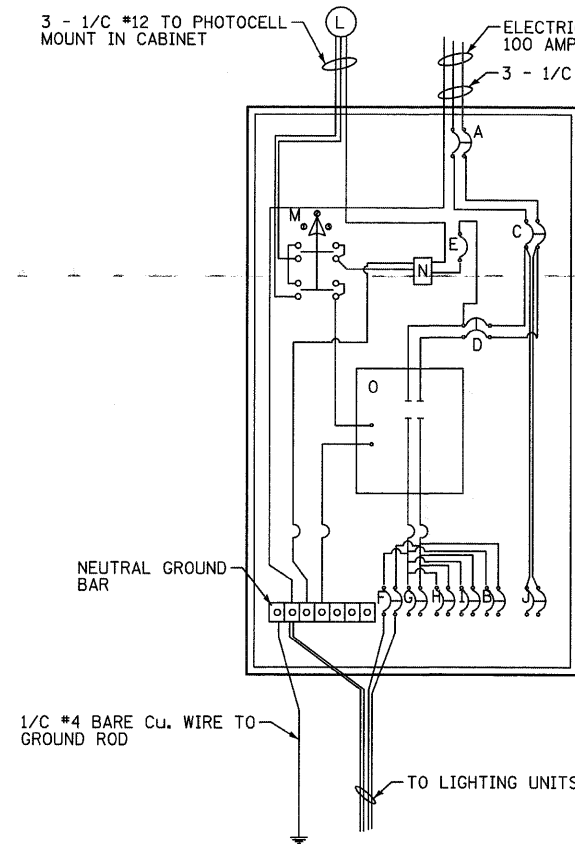


**ELECTRIC SERVICE INSTALLATION / LIGHTING CONTROLLER DETAIL**  
NOT TO SCALE

3 - 1/C #12 TO PHOTOCELL MOUNT IN CABINET

ELECTRICAL SERVICE SHALL BE 100 AMP, 240V 1, 3W

3 - 1/C CABLES FROM SERVICE



**SWITCHING CABINET COMPONENT LEGEND**

- A - 100 AMP MAIN BREAKER
- B - 2 POLE, 30 AMP BREAKER (FUTURE)
- C - 2 POLE, 80 AMP BREAKER
- D - 2 POLE, 60 AMP BREAKER
- E - 1 POLE, 15 AMP BREAKER
- F - 2 POLE, 20 AMP BREAKER
- G - 2 POLE, 20 AMP BREAKER (FUTURE)
- H - 2 POLE, 30 AMP BREAKER (FUTURE)
- I - 2 POLE, 30 AMP BREAKER (FUTURE)
- J - 2 POLE, 20 AMP BREAKER (FUTURE)
- L - PHOTOCELL
- M - SELECTOR SWITCH - 3 POSITION (ENGRAVED PLASTIC OR METAL NAMEPLATE)
- N - SURGE PROTECTOR
- O - 2 POLE, 100 AMP CONTACTOR

**LIGHTING CONTROLLER (CONTACTOR AND SWITCHING PANEL) DETAIL**  
NOT TO SCALE

FILE NAME =	USER NAME = seb	DESIGNED -	REVISED -	<b>CITY OF QUINCY 730 MAINE STREET QUINCY, IL 62301</b>	<b>TRAFFIC SIGNAL PLANS SERVICE /LIGHTING DETAILS</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
P:\08files\080297\05 Plans\Construction\Plans\TS02_080297.dgn		DRAWN -	REVISED -			7807	08-00307-00-TL	ADAMS	50	32
PLOT SCALE = 20.0000' / IN.		CHECKED -	REVISED -			<b>CONTRACT NO. 93554</b>				
PLOT DATE = 6/28/2011		DATE -	REVISED -			FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		