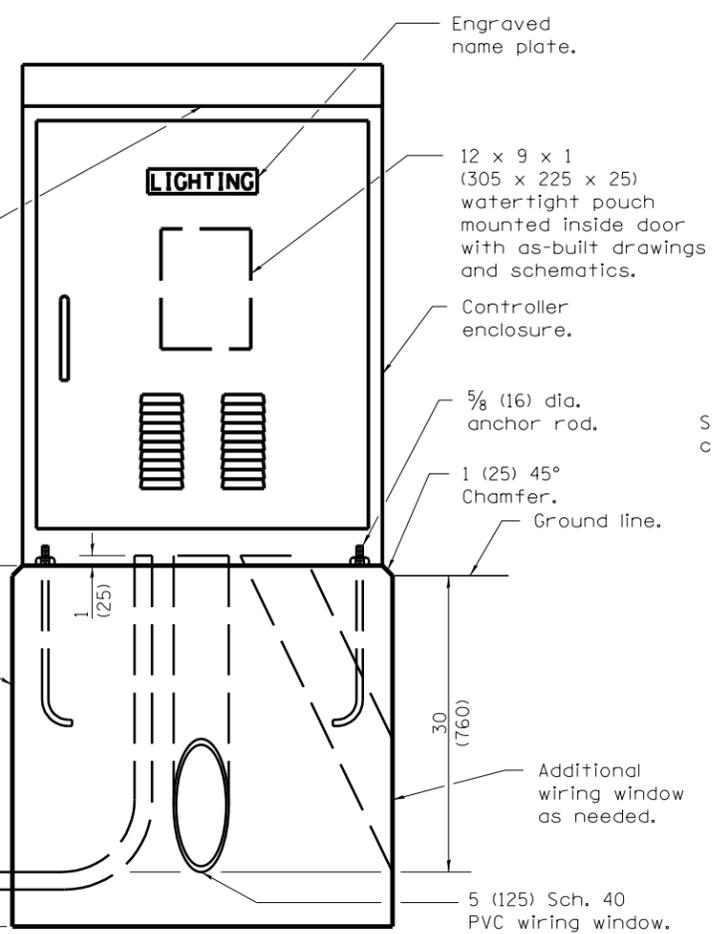
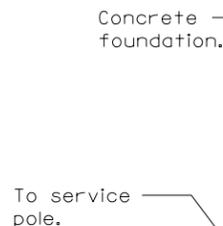


**ELECTRIC SERVICE INSTALLATION**

- \* Size larger as needed.
- \*\* Or as directed by Utility Company.
- \*\*\* When cold sequencing is required, provide a meter disconnect switch as directed by Utility Company.

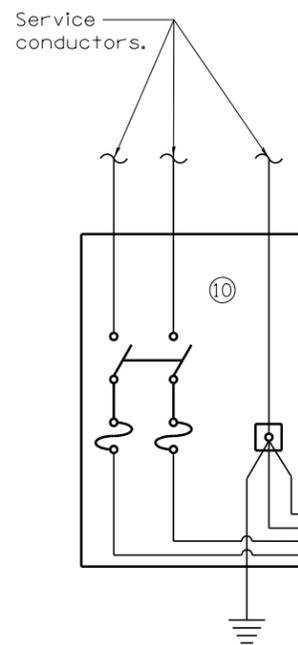


**LIGHTING CONTROLLER**

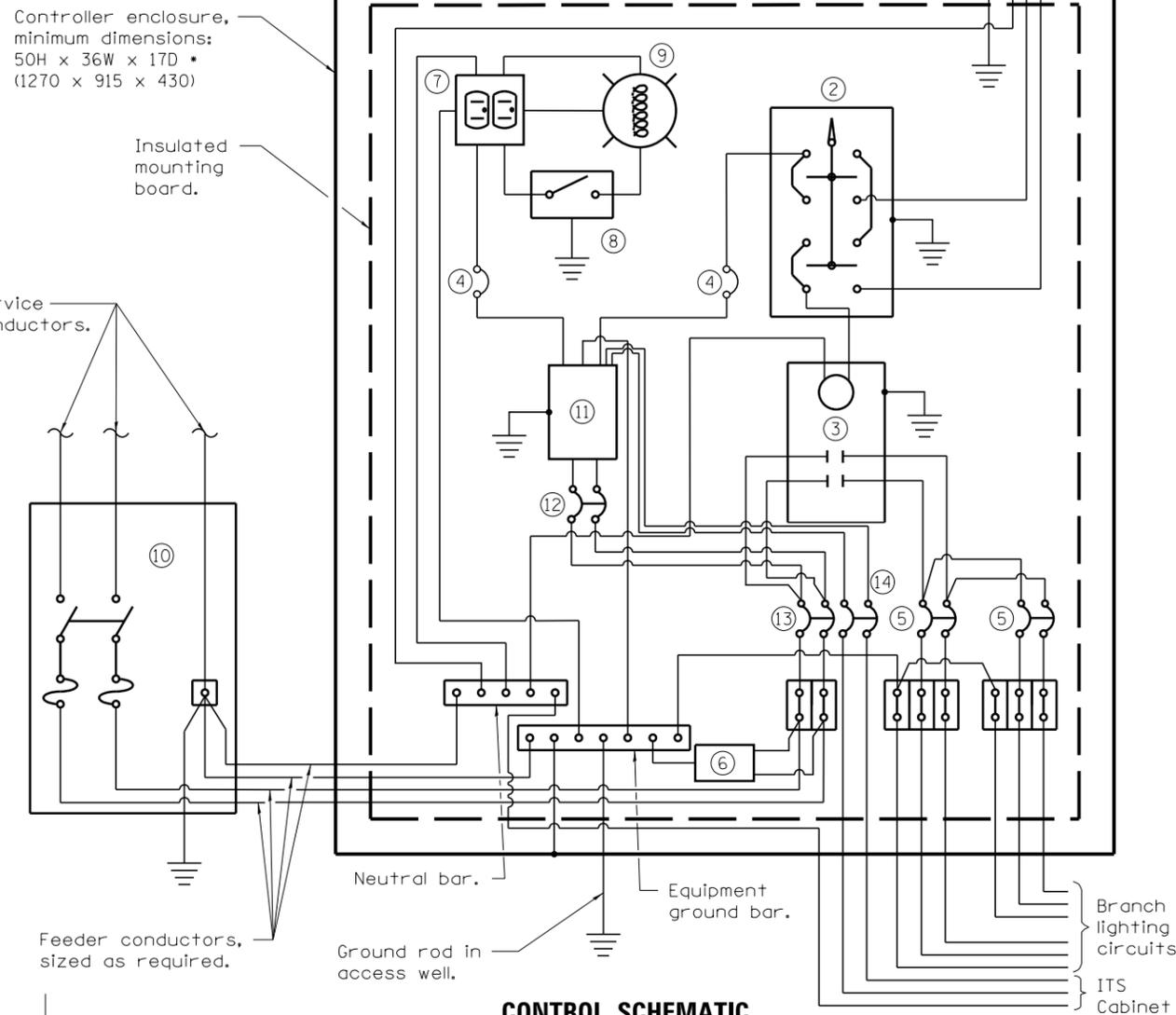


**FOUNDATION (PLAN)**

(Work pad not shown.)



**ANCHOR ROD  
DETAIL**



**CONTROL SCHEMATIC**

- ① Photocell with integral surge arrester.
- ② HAND-OFF-AUTO selector switch.
- ③ 100 amp\*, electrically held contactor.
- ④ 15 amp, 1-pole circuit breaker.
- ⑤ 20 amp\*, 2-pole circuit breaker (two spares required but not shown).
- ⑥ Surge arrester.
- ⑦ GFCI duplex receptacle.
- ⑧ Single-pole, single-throw switch.
- ⑨ Incandescent luminaire, enclosed and gasketed with 100 watt lamp.
- ⑩ Service disconnect switch - 2-pole, 3-wire, 100 amp\*, fused at 100 amp\*, solid neutral in NEMA 4X enclosure having lockable external handle.
- ⑪ Transformer - 1KVA\*, 480V primary, 120/240V secondary, single-phase, 60Hz.
- ⑫ 15 amp, 2-pole circuit breaker.
- ⑬ 100 amp\*, 2-pole circuit breaker.
- ⑭ 30 amp, 1-pole circuit breaker.

\* Size larger as needed.

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

FILE NAME =	DESIGNED - BENESCH	REVISED -		<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LIGHTING CONTROLLER BASE MOUNTED, 480V</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
... \D468620-sh1-Lighting_Details-LightingCont	DRAWN - JLW	REVISED -				90-114R(14HB-4,14,14HB)BR	TAZEWELL	2433	1822A	
USER NAME = tblank	CHECKED - GHT	REVISED -				<b>CONTRACT NO. 68620</b>				
PLOT DATE = 9/5/2012	DATE - JULY 20, 2012	REVISED -				ILLINOIS FED. AID PROJECT				
SCALE:		SHEET NO.107AOF 138 SHEETS		STA.	TO STA.					