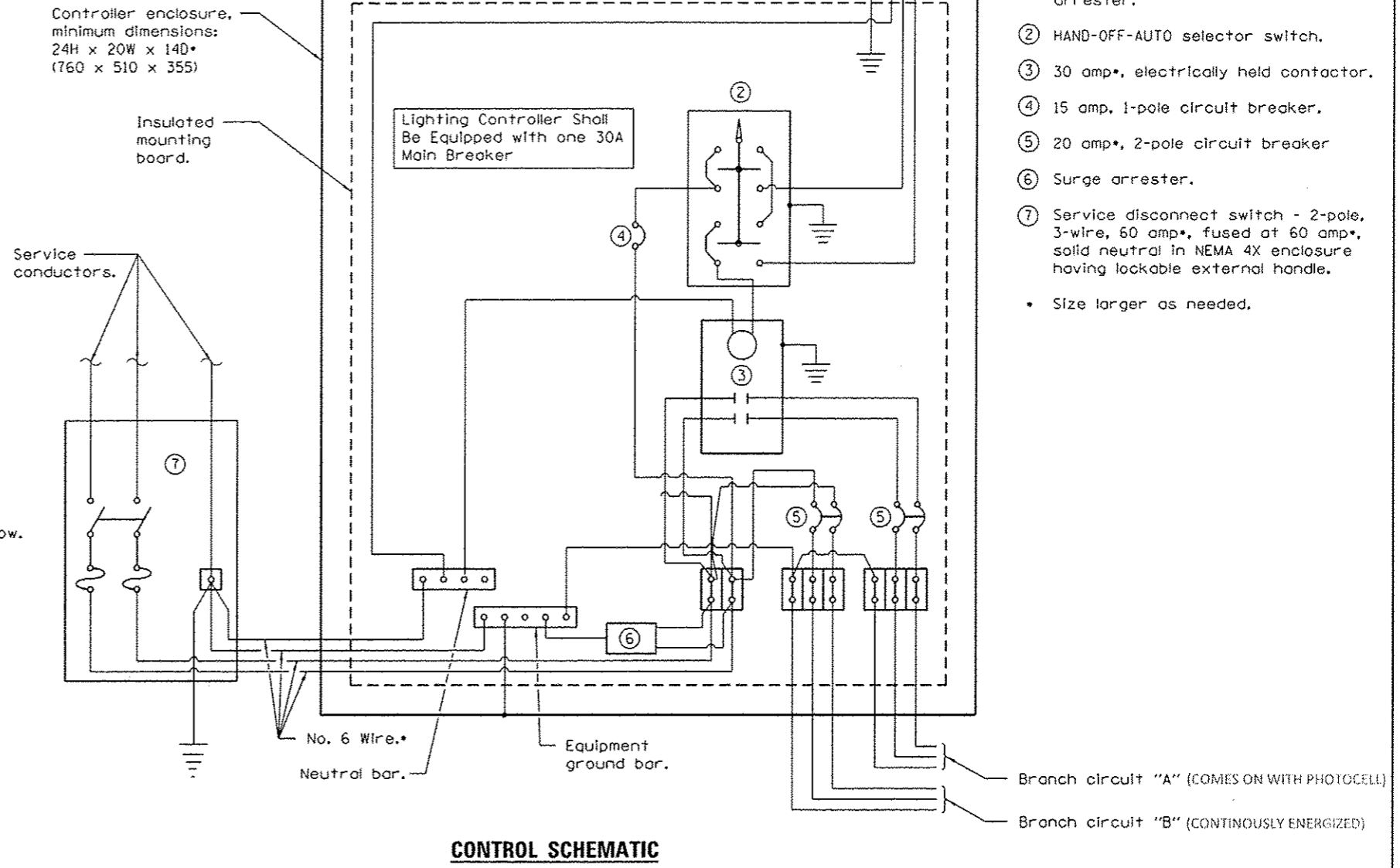


FRONT SIDE

ELECTRIC SERVICE INSTALLATION

- Size larger as needed.
- Or as directed by Utility Company.



CONTROL SCHEMATIC

- ① Photocell with integral surge arrester.
 - ② HAND-OFF-AUTO selector switch.
 - ③ 30 amp*, electrically held contactor.
 - ④ 15 amp, 1-pole circuit breaker.
 - ⑤ 20 amp*, 2-pole circuit breaker
 - ⑥ Surge arrester.
 - ⑦ Service disconnect switch - 2-pole, 3-wire, 60 amp*, fused at 60 amp*, solid neutral in NEMA 4X enclosure having lockable external handle.
- Size larger as needed.

GENERAL NOTES

- PROVIDE ENGRAVED NAMEPLATE ON FRONT OF ENCLOSURE READING "TUNNEL LIGHTING".
- ENCLOSURES SHALL BE MOUNTED TO POLE WITH POLE-BANDS AND LAG-BOLTS.
- PROVIDE 12X9X1 (305X225X25) WATERTIGHT POUCH MOUNTED INSIDE CONTROLLER DOOR WITH AS-BUILT PLANS AND SCHEMATICS.
- USE UNDER EAVE PHOTOCELL TO MAKE THE INSTALLATION MORE VANDAL RESISTANT.

ALL DIMENSIONS ARE IN INCHES (mm) UNLESS OTHERWISE SHOWN

MAURER-STUTZ
ENGINEERS SURVEYORS

FILE NAME: S:\23712013\23712009\001\011\011\011\CADD	USER NAME: bawson	DESIGNED: -	REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALLEN ROAD IMPROVEMENTS LIGHTING - TUNNEL LIGHTING CONTROLLER POLE MOUNTED				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6584	105; 172-7HBJBY	PEORIA	487		283	6584	6585	CONTRACT NO. 68683		ILLINOIS FED. AID PROJECT			
Default	PLOT DATE: 1/29/2014 12:02:20 PM	DATE: -	REVISED: -		SCALE:	SHEET 15	OF 19 SHEETS	STA.	TO STA.				