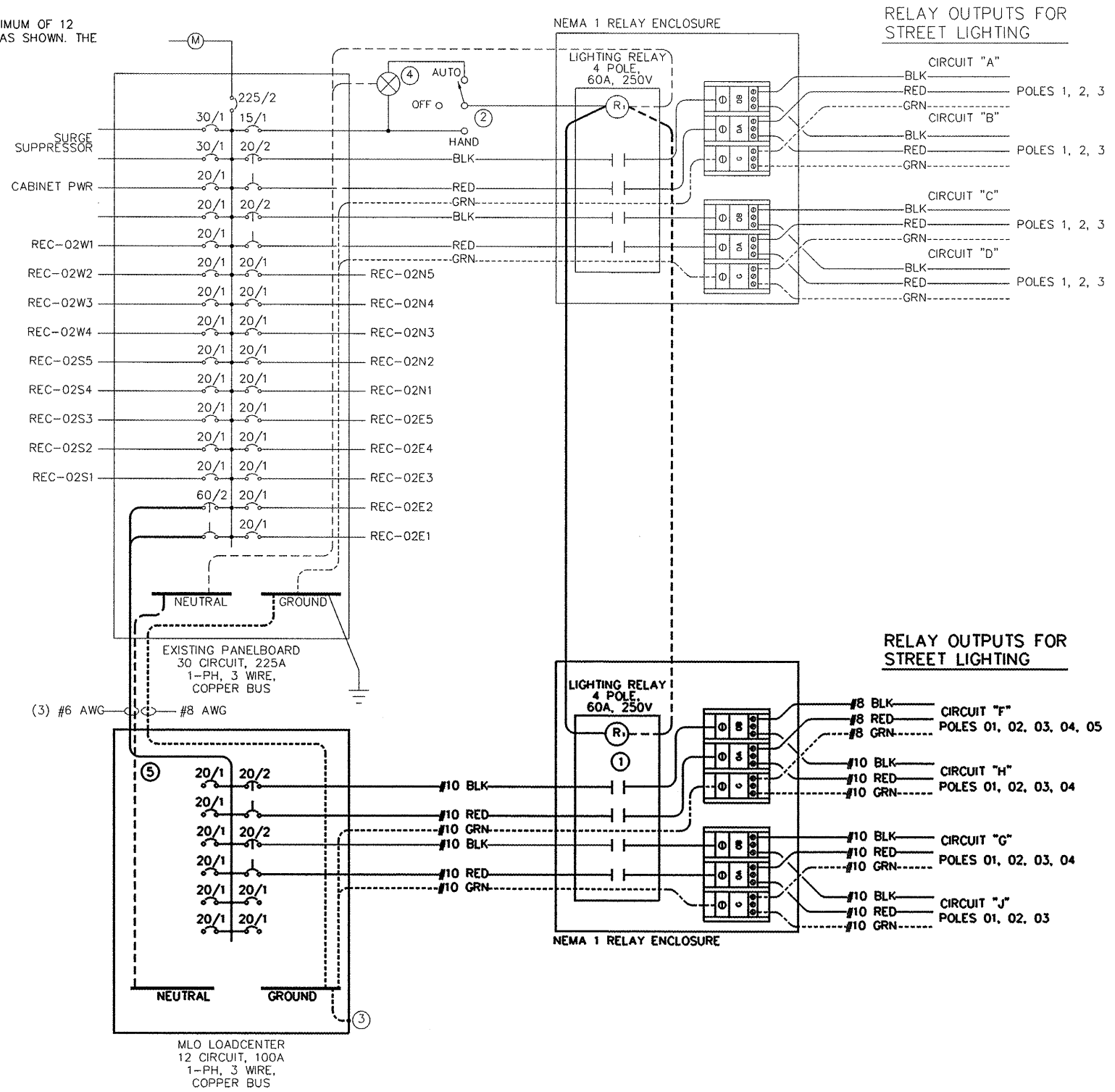


ONE LINE DIAGRAM NOTES

- ① PROVIDE (1) 4-POLE LIGHTING CONTACTOR EQUAL TO GE CR360L SERIES FOR CONTROL OF THE LIGHTING. MOUNT CONTACTORS IN A NEMA 1 ENCLOSURE SIZED AS REQUIRED. THE RELAY CONTACTS SHALL BE RATED MINIMUM 60A, 250 VOLTS, HEAVY DUTY TYPE, AND RATED FOR BALLAST TYPE LOADS. THE RELAYS SHALL BE ELECTRICALLY OPERATED. THE RELAY COIL SHALL BE OPERATED BY 120 VOLTS.
- ② EXISTING 3 POSITION SWITCH MARKED "HAND, OFF, AUTO" TO BYPASS THE PHOTOCELL AS SHOWN.
- ③ GROUND PANEL PER CODE.
- ④ EXISTING PHOTOCELL IN THE CONTROLLER CABINET.
- ⑤ PROVIDE A 100A, 1 PHASE, 120/240V, 3 WIRE MAIN LUG ONLY LOADCENTER EQUAL TO SQUARE D TYPE QO WITH A MINIMUM OF 12 CIRCUIT POSITIONS IN A NEMA-1 ENCLOSURE. THE PANELBOARD SHALL HAVE A COPPER BUS, AND BRANCH BREAKERS AS SHOWN. THE PANEL SHALL INCLUDE A COPPER GROUND AND A NEUTRAL TERMINAL STRIP. PROVIDE TYPED INDEX.



LIGHTING CONTROLLER 02 ONE LINE ELECTRICAL DIAGRAM

LOCATION: NORTHEAST QUADRANT OF COLLEGE AVE. AND CONSTITUTION BLVD.

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 PLOT DATE = 1/18/2012 7:35:22 PM

DESIGNED - M.P.	REVISED -
DRAWN - M.P.	REVISED -
CHECKED - S.M.W.	REVISED -
DATE - 1-12	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

LIGHTING PLANS - DETAILS

SCALE : NONE SHEET NO. 11 OF 14 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00242-00-LT	MCLEAN	14	11
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 91460		