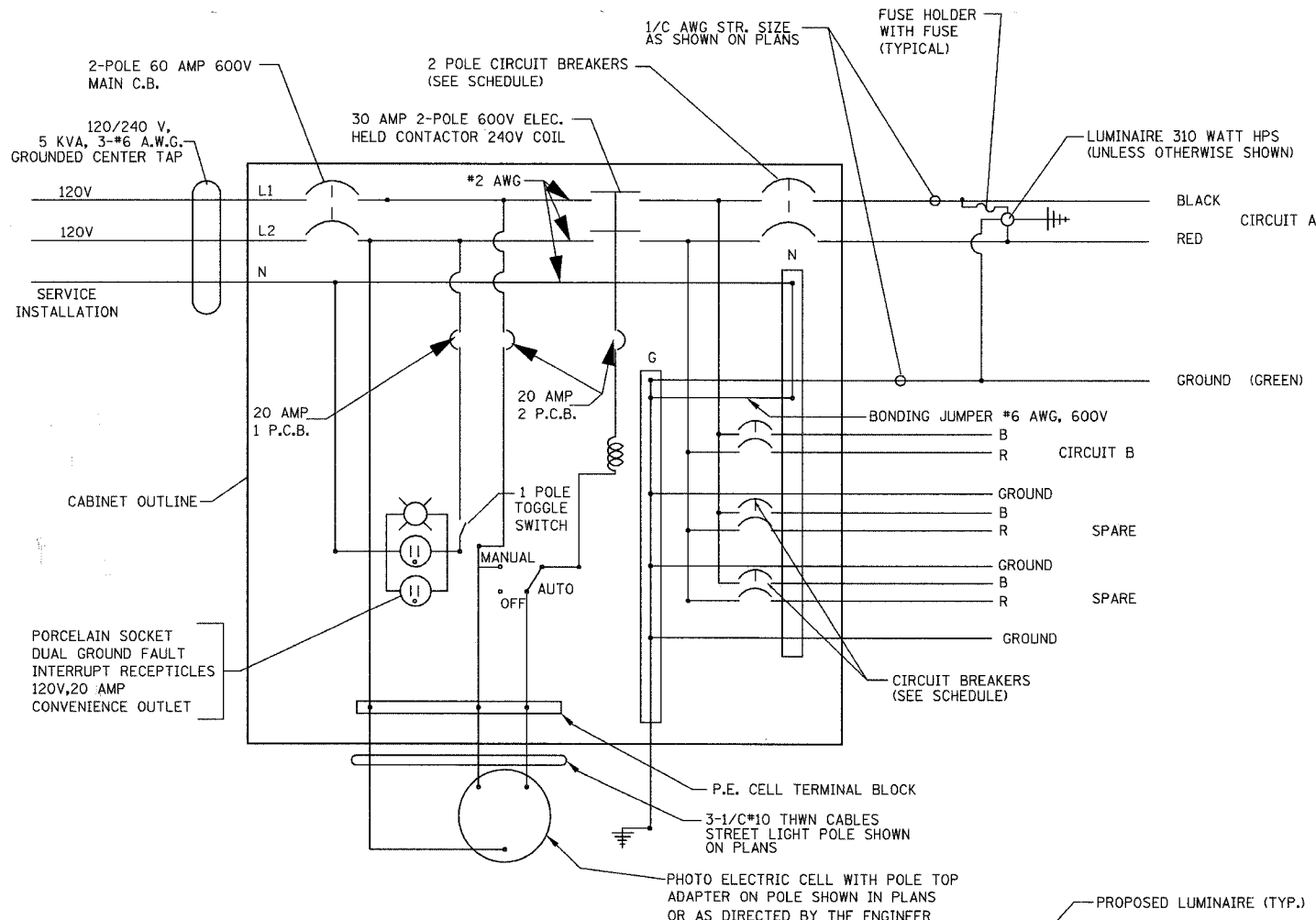
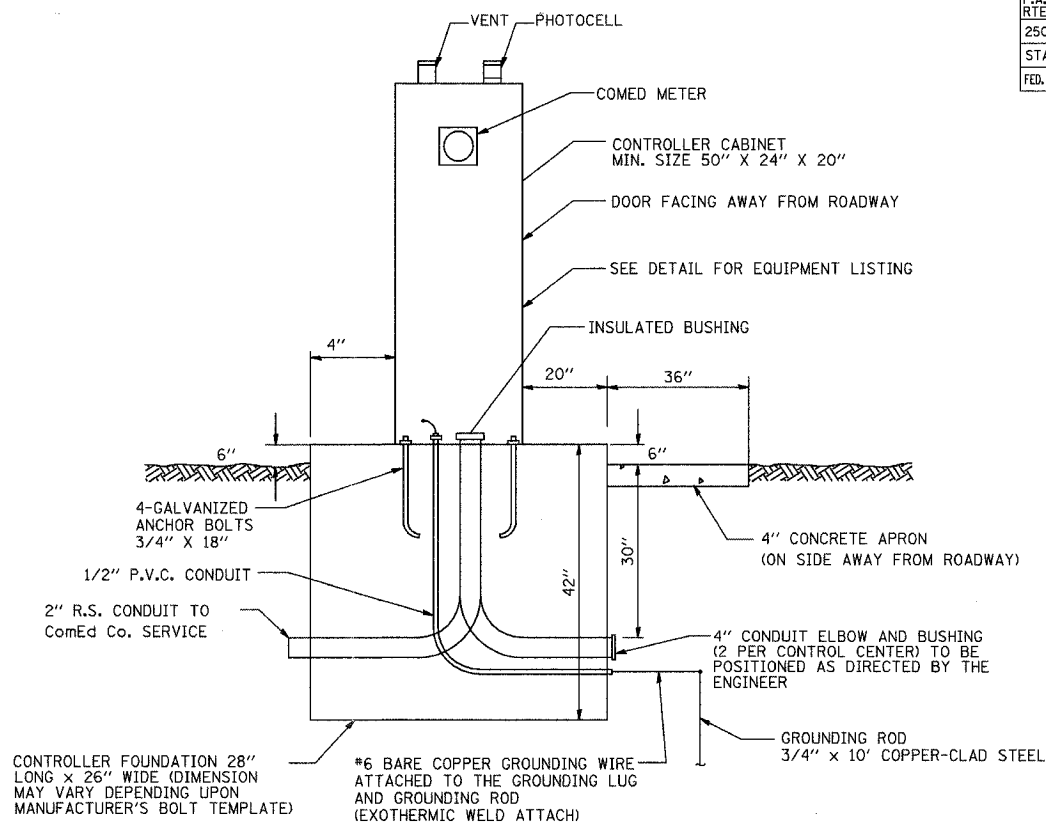


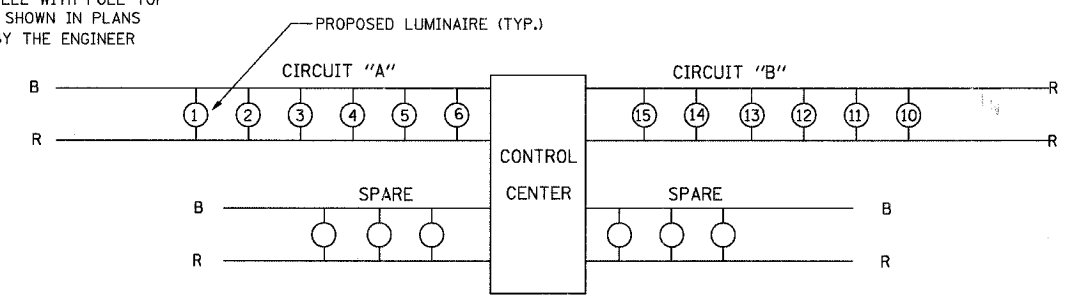
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	128
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



WIRING DIAGRAM - CONTROL CENTER

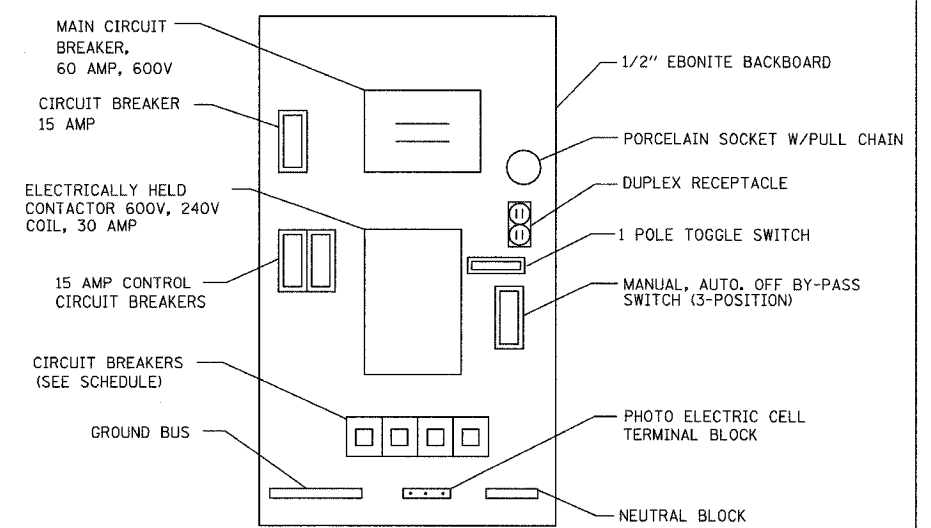


LIGHTING CONTROL CENTER

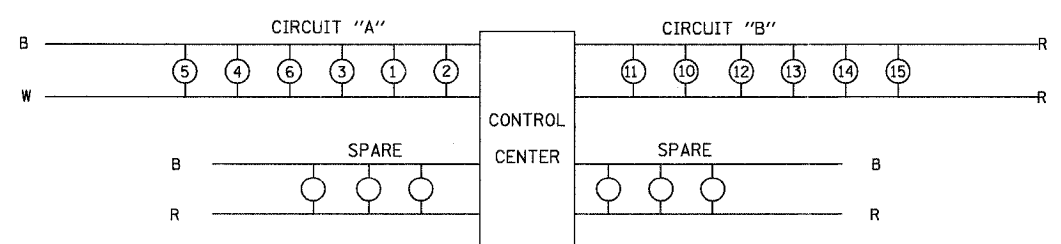


CIRCUIT DIAGRAM FOR BOWES ROAD

CIRCUITS	BREAKER SIZE
A, B	20 AMP
SPARES	20 AMP



CONTROL CENTER EQUIPMENT LAYOUT



CIRCUIT DIAGRAM FOR SPRING ST./HOPPS ROAD

CIRCUITS	BREAKER SIZE
A, B	20 AMP
SPARES	20 AMP

NOTES

1. A CONCRETE WORK PAD SHALL BE PROVIDED IN FRONT OF THE CONTROL CABINET MEASURING 0.9M (3FT) X 1.8M (5FT) X 100MM (4") DEEP.
2. ALL ELECTRICAL MATERIALS AND COMPONENTS SHALL BE UL LISTED.
3. THE COMPLETE CONTROLLER SHALL BE AN INDUSTRIAL CONTROL PANEL UNDER UL 508, AND SHALL BEAR THE UL LABEL "ENCLOSED INDUSTRIAL CONTROL PANEL".
4. THE PHOTOCELL SHALL BE MOUNTED ON TOP OF THE CONTROLLER. THE PHOTOCELL AND APPROPRIATE WIRING SHALL BE INCLUDED IN THE COST OF THE LIGHTING CONTROLLER.
5. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED. ALL EXTERNAL HARDWARE SHALL BE STAINLESS STEEL.
6. CABINETS SHALL BE FINISHED AS SPECIFIED IN ARTICLE 1068.01(C) OF THE STANDARD SPECIFICATIONS
7. 300MM (12") X 400MM (16") STAINLESS STEEL NAMEPLATE SHALL BE ENGRAVED TO "LIGHTING CONTROLS" UNLESS OTHERWISE DIRECTED.
8. ALL CONTROL WIRES SHALL BE #12 A.W.G., 600V TYPE SIS.

REVISIONS	
NAME	DATE

URS 100 SOUTH WACKER DRIVE SUITE 500 CHICAGO, IL 60606 TEL (312) 939-1000 FAX (312) 939-4198

McLEAN BOULEVARD
CONTROLLER DETAILS
McLEAN BLVD AND SPRING STREET
McLEAN BLVD AND BOWES ROAD

SCALE: N.T.S. DATE: 04/06/2007 DRAWN BY: VAP CHECKED BY: RAM