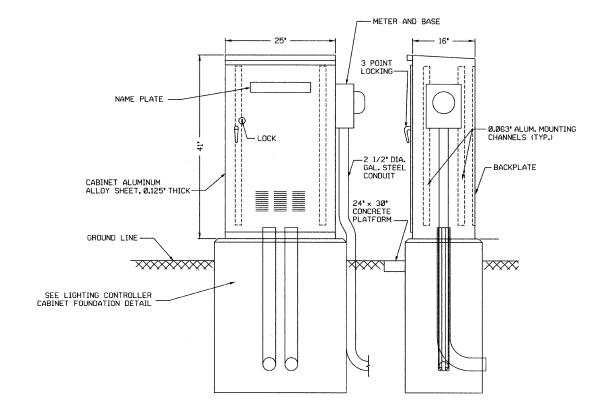
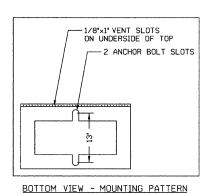
RTE.	SECTION		COUNTY		SHEETS	NO.	
1230	03-00159-00-PV		LAKE		262	192	
STA.	STA. TO STA.						
FED. RO	DAD DIST. NO. 1	ILLINOIS	FED.	AID	PROJECT		

CONTRACT: 83828





LIGHTING CONTROLLER CABINET NOT TO SCALE

LIGHTING CONTROLLER CABINET NOTES

PERFORMANCE - THE ENCLOSURE WILL MEET OR EXCEED THE REQUIREMENTS OF A NEMA 3R RATING AND SHALL BE U.L. LISTED.

MATERIAL - CABINET AND DOOR TO BE CONSTRUCTED FROM 5052 H32 SHEET ALUMINUM ALLOY WITH A THICKNESS OF .125". ALL WELDS TO BE HELIARC AND SHALL BE FORMED AND FREE OF CRACKS, BLOW HOLES, AND OTHER DEFECTS. ALL EDGES TO BE FREE OF

CABINET FEATURES - CABINET TOP SLOPES 1/2" TO THE REAR, WITH 1/8" x 1" SLOTS UNDER FRONT OVERHANG.

DOOR AND HARDWARE
THE CABINET DOOR SHALL BE HINGED ON THE RIGHT SIDE WHEN FACING THE FRONT OF THE CABINET AND HAS A CELLULAR NEOPRENE GASKET, WHICH IS WEATHER TIGHT. THE DOOR IS ALSO EQUIPPED WITH A TWO POSITION DOOR STOP, ONE AT 90 DEGREES AND ONE AT 120 DEGREES. HINGE IS 2" OPEN AND IS CONTINUOS 14 GAUGE STAINLESS STEEL WITH A 1/4" DIA. PIN AND IS CAPPED AT THE TOP TO RENDER IT TAMPER PROOF. THE HINGE IS SECURED WITH 1/4-20 STAINLESS STEEL CARRIAGE BOLTS AND ESNA LOCK NUTS. THE LATCHING MECHANISM IS A THREF POINT DRAW ROLLER TYPE WHICH SECURES THE DOOR AT THE TOP, CENTER, AND BOTTOM. LOCKING RODS ARE 1/4" × 3/4" ALUMINUM TURNED EDGEWISE WITH 1" NYLON ROLLERS AND THE CENTER CATCH IS STAINLESS STEEL. AND HAS A PADLOCK HASP. AN ALL BRASS CORBIN LOCK WITH TWO KEYS IS ALSO FURNISHED. LOUVER INCLUDED IN LOWER HALF OF THE DOOR FOR VENTILATION.

EQUIPMENT MOUNTING - THE CABINET SHALL BE EQUIPPED WITH TWO ADJUSTABLE "L" MOUNTING CHANNELS WELDED TO EACH SIDE WALL AND THE BACK WALL ALLOWING FULL ADJUSTMENT OF SHELVES OR PANELS.

CABINET FINISH - THE OUTSIDE SURFACE OF THE CABINET SHALL HAVE A BLACK POWDER COAT FINISH.

ORIENTATION - THE CONTROLLER CABINET DOOR SHOULD OPEN AWAY FROM THE STREET (TO THE SOUTH) SO THE MAINTENANCE PERSONNEL CAN OBSERVE THE LIGHTING CIRCUITS WHILE OPERATING THE CABINET CONTROLS.

