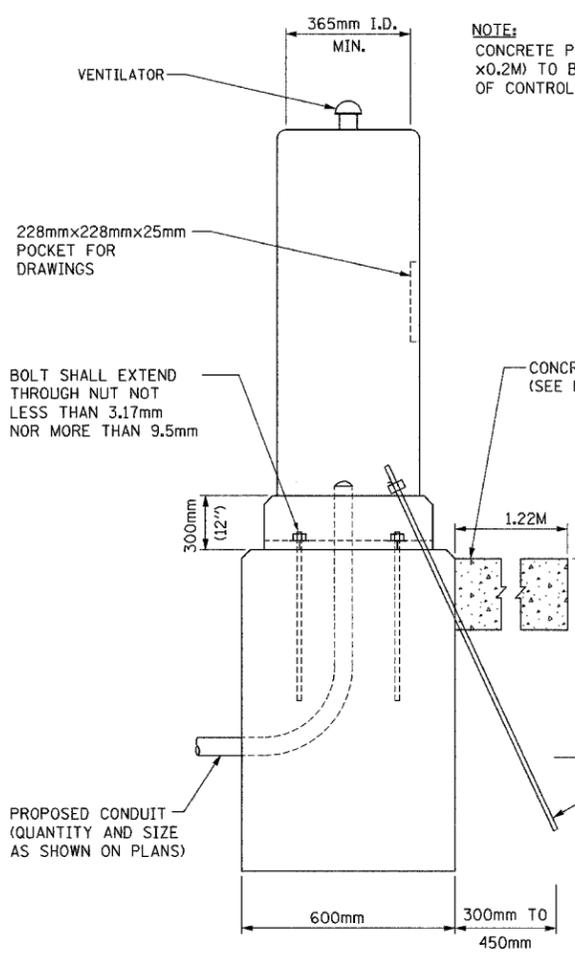


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74		TAZEWELL	1366	1239
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
	* (90-11)R-2(90)13, 14, 14-1R-1		CONTRACT NO. 68201	

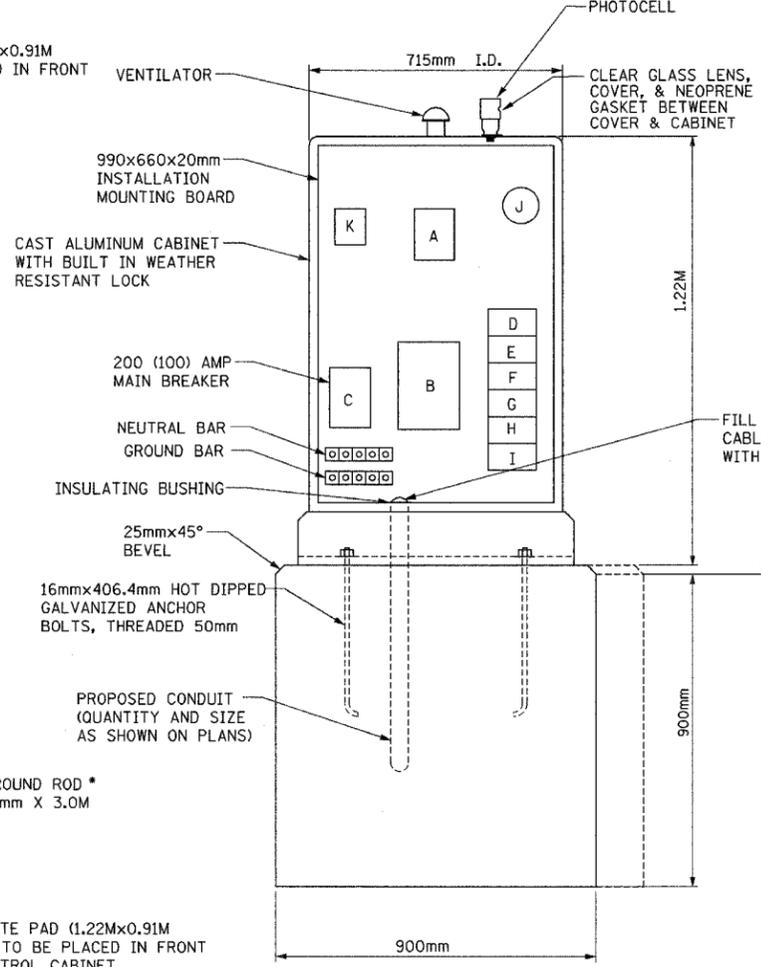


CABINET & FOUNDATION
(SIDE VIEW)

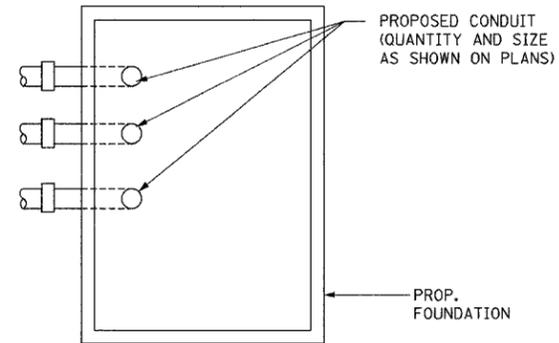
* THE COST OF THE GROUND ROD AND GROUND CLAMP SHALL BE INCLUDED IN THE PAY ITEM "LIGHTING CONTROLLER."

THE FOLLOWING SHALL BE INCLUDED IN THE CONTROLLER CABINET:
 -GFI SERVICE RECEPTACLE.
 -CAGE MOUNTED SERVICE LIGHT FIXTURE WITH ON/OFF SWITCH.
 -STEP DOWN TRANSFORMER WITH SECONDARY FUSING.

THESE ITEMS SHALL BE INCLUDED IN THE PAY ITEM "LIGHTING CONTROLLER TYPE CB-RCS, 200AMP-480VOLT" OR "LIGHTING CONTROLLER TYPE CB-RCS, 100 AMP-240 VOLT"

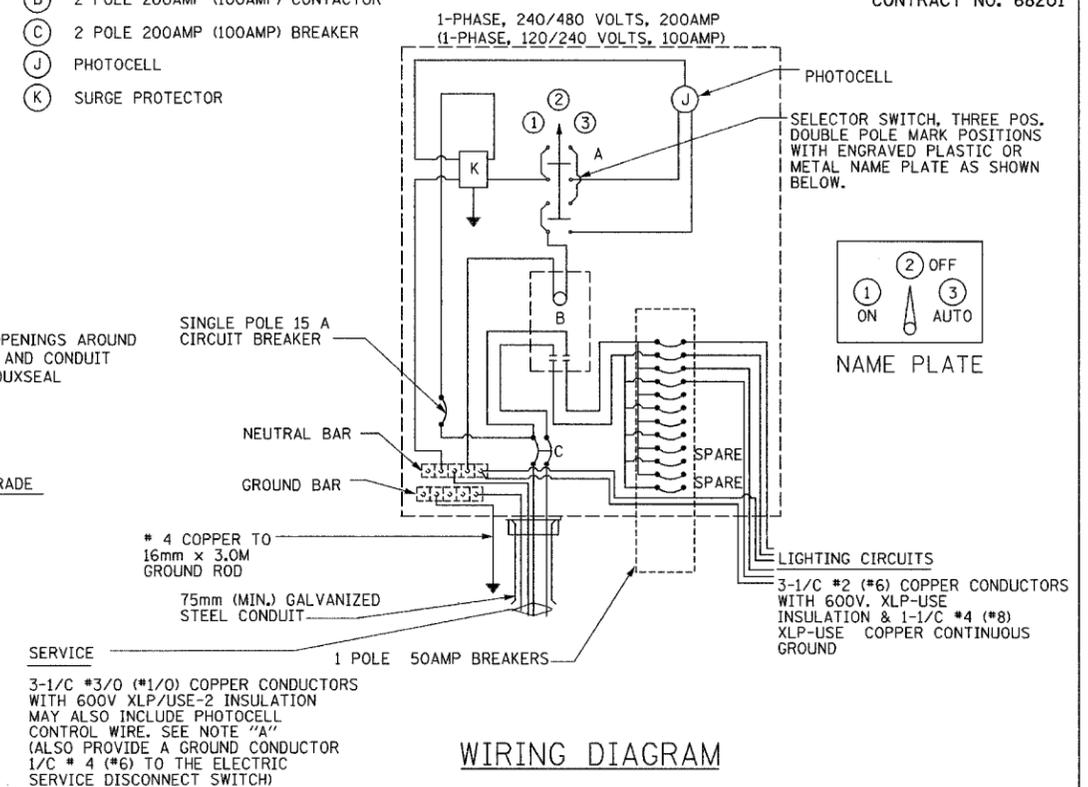


CABINET FOUNDATION & DIAGRAMMATIC ASSEMBLY
(FRONT VIEW)



TOP OF FOUNDATION

- (A) SELECTOR SWITCH
- (B) 2 POLE 200AMP (100AMP) CONTACTOR
- (C) 2 POLE 200AMP (100AMP) BREAKER
- (J) PHOTOCELL
- (K) SURGE PROTECTOR



WIRING DIAGRAM

NOTE: WIRING SHALL BE PANEL BOARD FASHION. ALL BENDS SHALL BE RIGHT ANGLES. ALL RUNS SHALL BE VERTICAL OR PARALLEL TO PANEL BOARD. WIRES SHALL BE GROUPED OR LACED

NOTE "A" THE UNDERGROUND SERVICE SHALL BE 9.14M MINIMUM AND 45.7M MAXIMUM. TOTAL AERIAL & UNDERGROUND SERVICE BETWEEN THE CONTROL INSTALLATION AND PRIMARY TRANSFORMER SHALL NOT EXCEED 76M.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION PROPOSED LIGHTING CONTROLLER WIRING AND DETAILS TYPE CB-RCS-200 (TYPE CB-RCS-100)
NAME	DATE	
		DRAWN BY DJK CHECKED BY MKR

DATE: 12/20/04

ab **alfred benesch & company**
CONSULTING ENGINEERS
205 NORTH MICHIGAN AVENUE, CHICAGO, ILLINOIS 60601

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