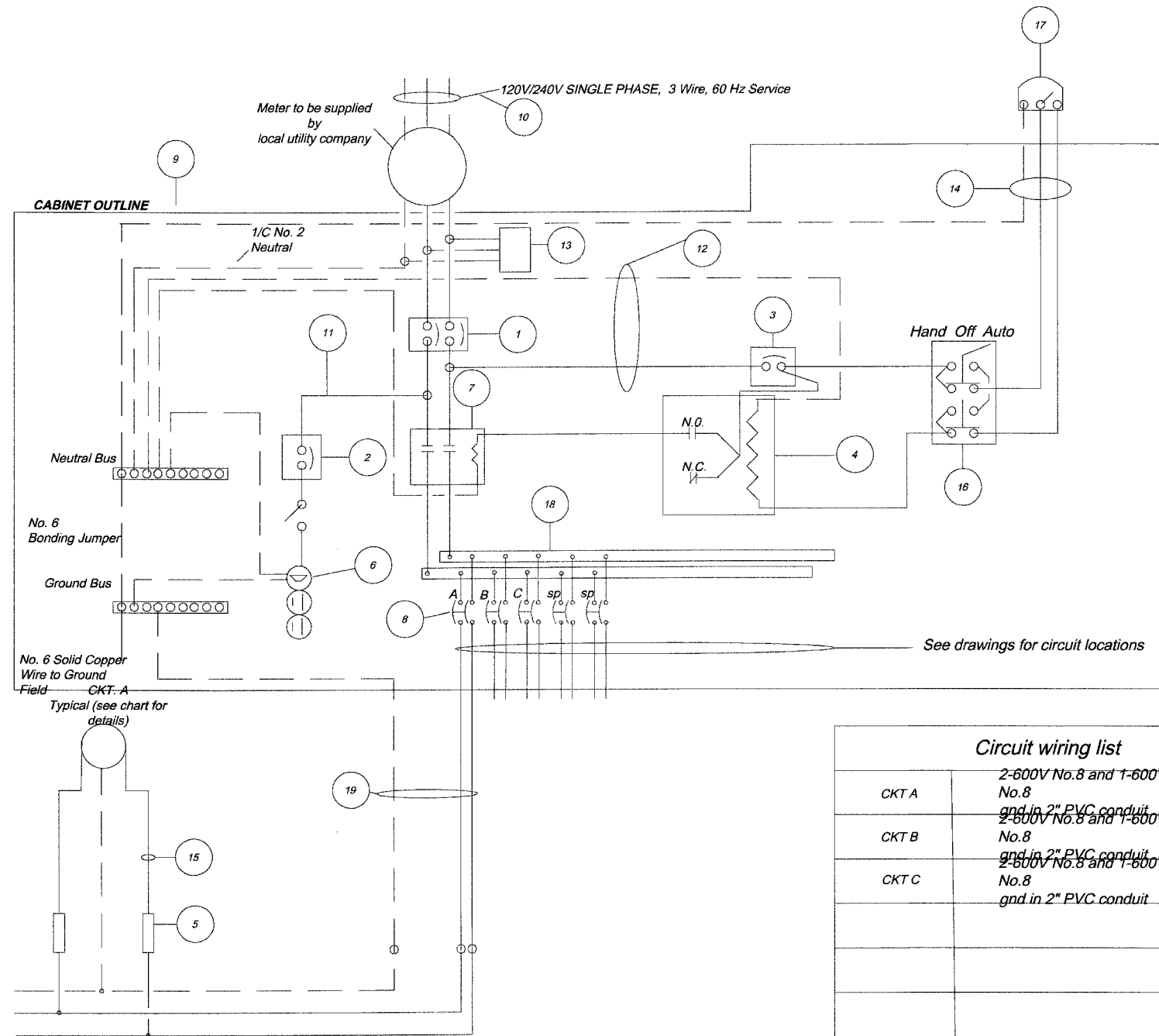


## LIGHTING CONTROLLER LC1 COMPONENT SCHEDULE

ITEM	DESCRIPTION	SPECIFICATION OR EQUAL
1	Main Circuit Breaker	100A, 2P, 240V Rating, 10K AIC
2	Lampholder Circuit Breaker	15A, 1P, 120V Rating, 10K AIC
3	Photoelectric Control Circuit Breaker	15A, 1P, 120V Rating, 10K AIC
4	Auxiliary Relay	120V Operated SPST 60Hz Coil 600V Normally Open Contacts
5	Fuse	Single Pole In-Line Fuseholder 600V, 5A
6	Lampholder With Outlet	120V Weatherproof Lampholder with SPST Switch & GFCI Outlet
7	Contactor	100A, 2P, 240V Rating, 10K AIC
8	Branch Line Circuit Breakers	14 - 20A, 2P, 240V Rating, 10K AIC Note: circuit F2 to be 30A
9	Control Cabinet	H41"x W25"x D16" NEMA 3R
10	Service Cables	Existing Service
11	Lampholder Wire	2 - 600V No. 12
12	Control Wire	2 - 600V No. 12
13	Surge Arrestor	10K Ampere Rating
14	Photoelectric Control Wire	3 - 600V No. 10
15	Lighting Pole Wire	2 - 600V 10awg cables with Pole Ground and Fusing
16	HAND/OFF/AUTO Control Switch	20A, 3 Position, 600V
17	Photocell	
18	Terminal Block	600V
19	Lighting circuit Control Wire	2-600V No.8 and 1-600V No.8 gnd in 2" unit duct



**Circuit wiring list**

CKT A	2-600V No.8 and 1-600V No.8 gnd in 2" PVC conduit
CKT B	2-600V No.8 and 1-600V No.8 gnd in 2" PVC conduit
CKT C	2-600V No.8 and 1-600V No.8 gnd in 2" PVC conduit

### LIGHTING CONTROLLER WIRING DETAIL

—— Phase Conductor  
 - - - - Neutral/Ground Conductor

Circuit I.D.	QTY	AMPERE	WATTS
A	8	9.6	2304W
B	6	7.2	1728W
C	5	6	1440W
Total			5472W

REVISIONS		
NO.	NAME	DATE
7.		
6.		
5.		
4.		
3.		
2.		
1.		

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 ILLINOIS PROFESSIONAL DESIGN FIRM # 184-000100

ILLINOIS DEPARTMENT OF TRANSPORTATION

CITY OF AURORA  
 ILLINOIS AVENUE OVER THE FOX RIVER  
 LIGHTING PLANS AND DETAILS  
 LIGHTING CONTROL PANEL DETAILS

SCALE: N.T.S.  
 DATE 07-28-06

DRAWN BY  
 CHECKED BY GB