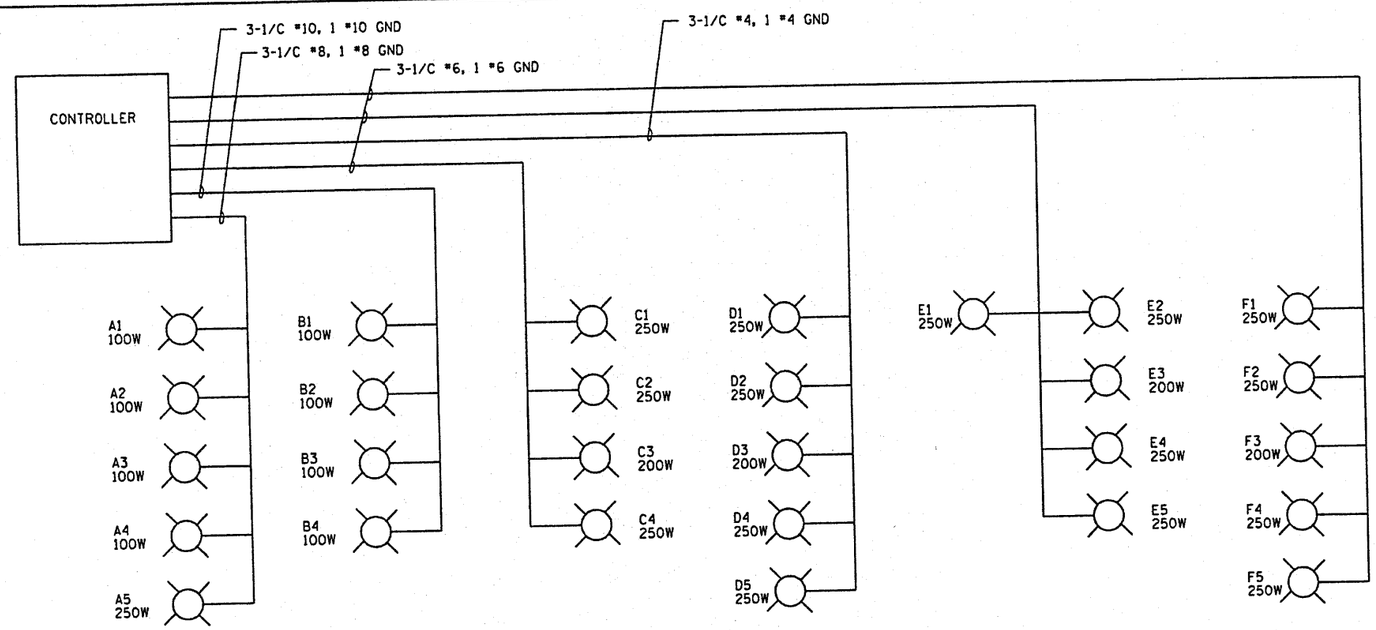
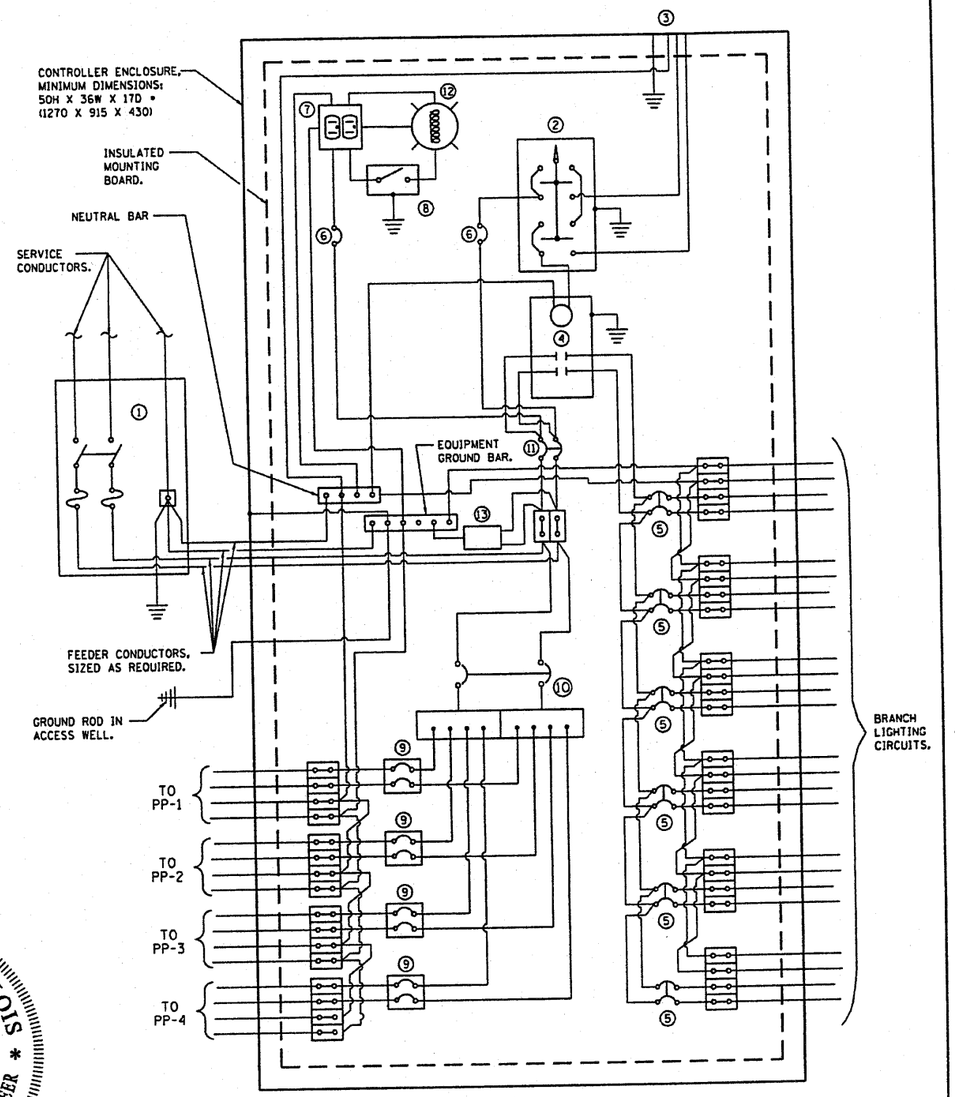




POWER REQUIREMENTS

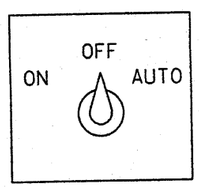
SERVICE - 120/240 SINGLE PHASE, 3W, 400A

CIRCUIT A	FIXT.	1 X	312W =	312W
	FIXT.	4 X	139W =	556W
	RECP.	5 X	240W =	1,200W
CIRCUIT B	FIXT.	4 X	139W =	556W
	RECP.	4 X	240W =	960W
CIRCUIT C	FIXT.	1 X	264W =	264W
	FIXT.	3 X	312W =	936W
	RECP.	4 X	240W =	960W
CIRCUIT D	FIXT.	1 X	264W =	264W
	FIXT.	4 X	312W =	1,248W
	RECP.	5 X	240W =	1,200W
CIRCUIT E	FIXT.	1 X	264W =	264W
	FIXT.	4 X	312W =	1,248W
	RECP.	5 X	240W =	1,200W
CIRCUIT F	FIXT.	1 X	264W =	264W
	FIXT.	4 X	312W =	1,248W
	RECP.	5 X	240W =	1,200W
POWER PEDESTALS	RECP.	4 X	6,000W =	24,000W
			TOTAL =	37,880W

NOTES

1. FUSED DISCONNECT, 400A, 2P, 240V WITH SOLID NEUTRAL, RATED FOR SERVICE ENTRANCE USE, FUSED AT 400A, IN NEMA 4X ENCLOSURE
2. HOA SWITCH WITH ENGRAVED NAMEPLATE AS DETAILED.
3. PHOTOCELL WITH INTEGRATED SURGE SUPRESSOR.
4. LIGHTING CONTACTOR 150A, 2P, 240V, ELECTRICALLY HELD.
5. CIRCUIT BREAKER, 30A, 2P, 240V, INCLUDE 2 SPARE.
6. CIRCUIT BREAKER, 15A, 1P, 120V, INCLUDE 2 SPARE.
7. GFCI DUPLEX RECEPTACLE
8. SINGLE POLE DOUBLE THROW SWITCH.
9. CIRCUIT BREAKER, 50A, 2P, 240V.
10. CIRCUIT BREAKER, 200A, 2P, 240V.
11. CIRCUIT BREAKER, 150A, 2P, 240V.
12. INCANDESCENT LUMINAIRE, ENCLOSED AND GASKETED, 100W LAMP
13. SURGE ARRESTOR

HOA NAMEPLATE



STATE OF ILLINOIS
THOMAS MEMMINGER
062-053744
SPRINGFIELD
LICENSED PROFESSIONAL ENGINEER

EXPIRES: 11/30/2011

THOMAS MEMMINGER
ELECTRICAL ENGINEER

10/20/2010
DATE

Revised 10-29-10

* SIZE LARGER AS NEEDED.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE INDICATED.

FILE NAME = ...\029_Cable-Wiring Plan.dgn	USER NAME = Jim Raubach	DESIGNED - TM	REVISED -
		DRAWN - RAH	REVISED -
	PLOT SCALE = 60.0000 ' / IN.	CHECKED - TM	REVISED -
	PLOT DATE = 10/27/2010	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE / WIRING PLAN

SCALE: N.T.S. | SHEET NO. 29 OF 49 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	05-00017-00-FP	SCHUYLER	49	29
		CONTRACT NO.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		