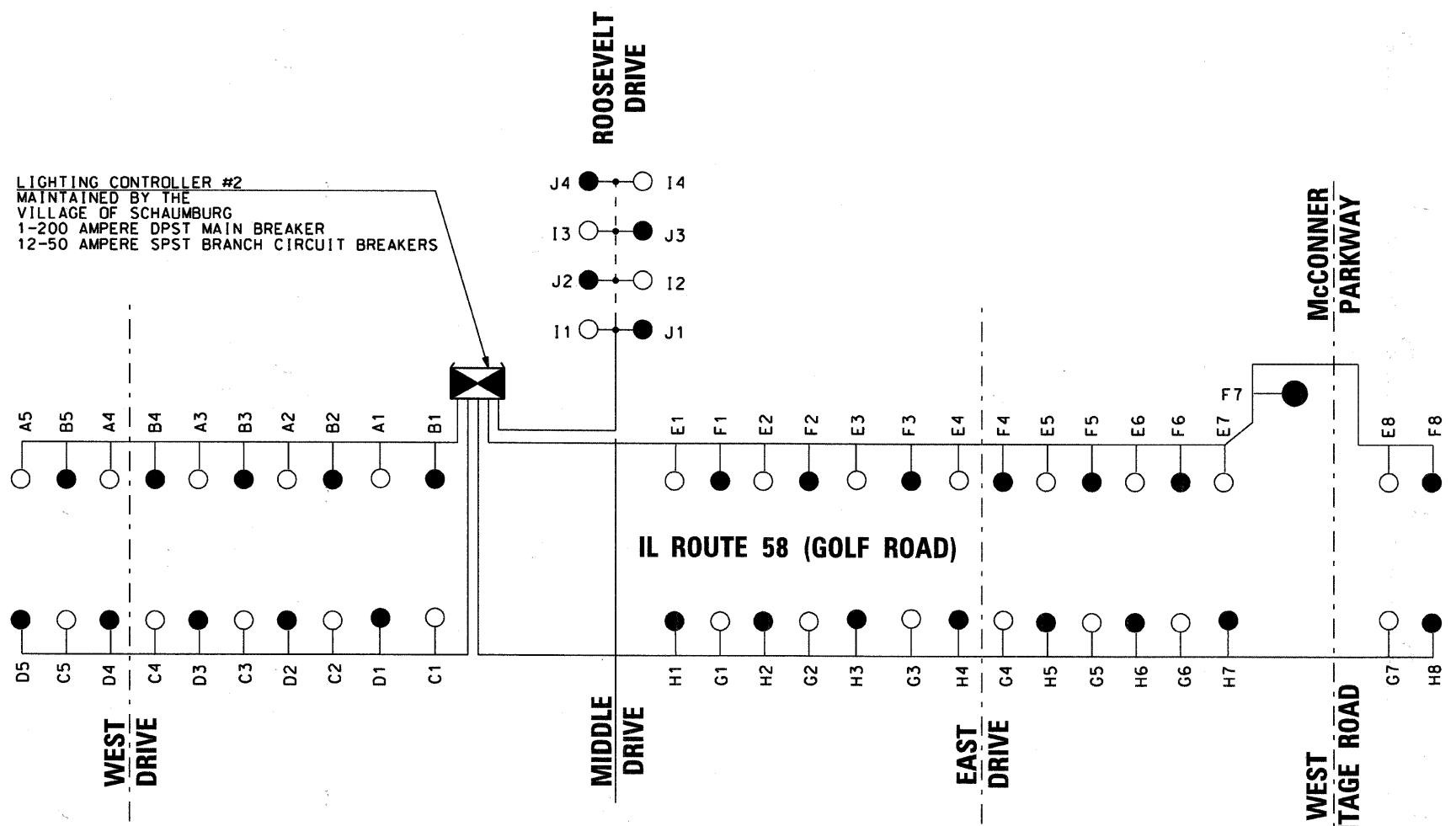


3/7/2011



ONE LINE CIRCUIT DIAGRAM

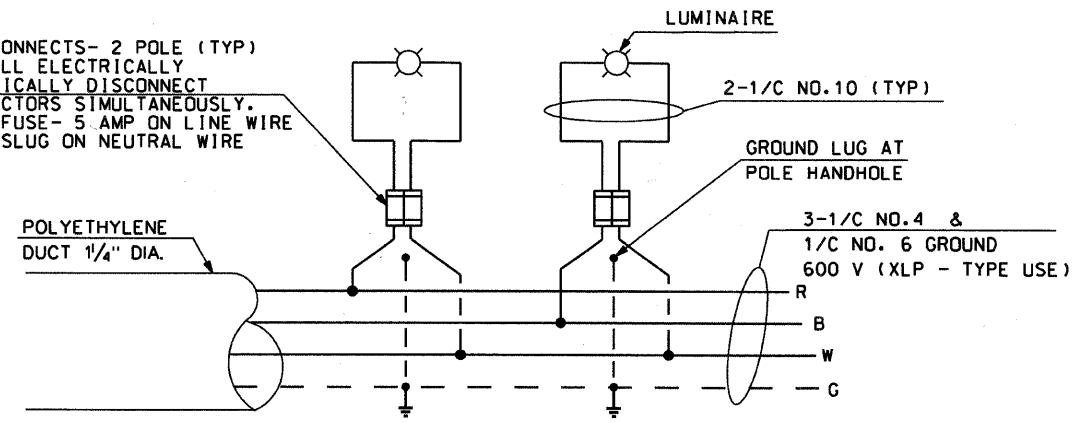
CIRCUIT LOAD
CONTROLLER-200 AMP 240/480 VOLT, 1 PHASE

CIRCUIT RED	AMPERE @240 V	WATTS	CIRCUIT BLACK	AMPERE @240 V	WATTS
A	10	2,340	B	10	2,340
C	10	2,340	D	10	2,340
E	16	3,744	F	16	3,744
G	14	3,276	H	16	3,744
I	2.6	600	J	2.6	600
K	SPARE		L	SPARE	
TOTAL	52.6	12,300		54.6	12,768

240 VOLT LINE
400 WATT HPS LAMP: 2.00 AMPERE / 468 WATT
250 WATT HPS LAMP: 2.3 AMPERE / 300 WATT



QUICK DISCONNECTS- 2 POLE (TYP) DEVICE SHALL ELECTRICALLY AND MECHANICALLY DISCONNECT BOTH CONDUCTORS SIMULTANEOUSLY. SLOW BLOW FUSE- 5 AMP ON LINE WIRE AND SOLID SLUG ON NEUTRAL WIRE



CIRCUIT DETAILS TYP.

Sunjoy Inc.
Area Lighting
Consulting Engineers
212 TIMBERCREST DRIVE
SCHAUMBURG, ILLINOIS
60193-1572

REVISIONS	
NAME	DATE

VILLAGE OF SCHAUMBURG, ILLINOIS
DEPARTMENT OF ENGINEERING AND PUBLIC WORKS
IL ROUTE 58 (GOLF ROAD) LIGHTING IMPROVEMENTS
BASSWOOD ROAD TO I-290 UNDERPASS
ONE LINE CIRCUIT DIAGRAM LIGHTING CONTROLLER AT COMMONS DRIVE

SCALE: NONE
DATE: 10-05-09
DRAWN BY: HKQ
CHECKED BY: JS