

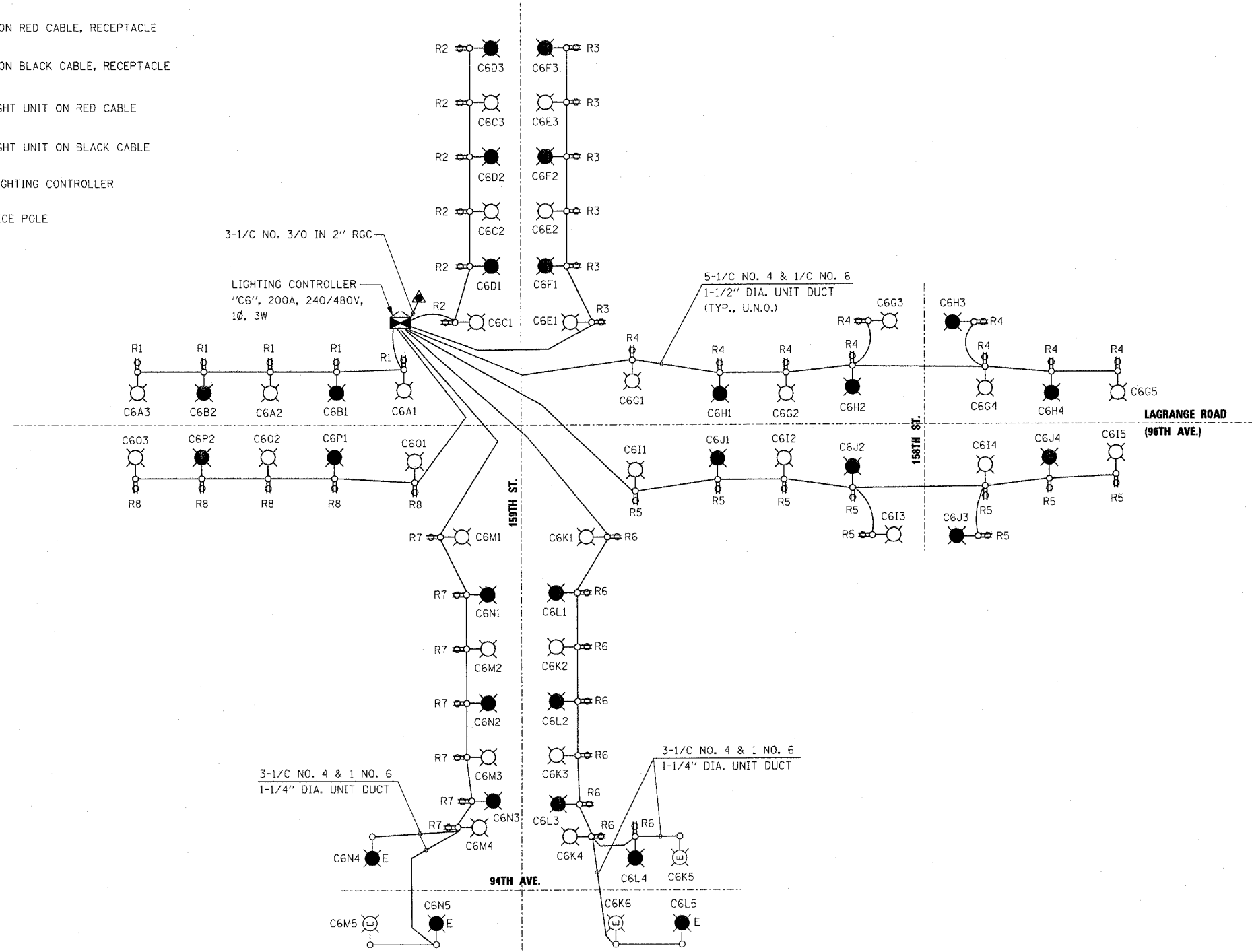
CIRCUIT	AMPS	VA
A	6	1440
B	4	960
C	6	1440
D	6	1440
E	6	1440
F	6	1440
G	10	2400
H	8	1920
I	10	2400
J	8	1920
K	12	2880
L	10	2400
M	10	2400
N	12.25	2940
O	8.25	1980
P	5.5	1320
S	20.6	4950
T	20.6	4950
TOTAL	204.5	49080

NOTE:
LOAD INFORMATION IS BASED ON THE FOLLOWING DATA:
400W HPS LUMINAIRE: 2AMP @ 240V

CIRCUIT	AMPS	VA
R1	7.5	900
R2	9	1080
R3	9	1080
R4	13.5	1620
R5	13.5	1620
R6	12	1440
R7	10.5	1260
R8	7.5	900
TOTAL	82.5	9900

NOTE:
LOAD INFORMATION IS BASED ON THE FOLLOWING DATA:
180VA RECEPTACLE LOAD: 1.5AMP @ 120V

- LEGEND**
- LIGHT UNIT ON RED CABLE
 - LIGHT UNIT ON BLACK CABLE
 - LIGHT UNIT ON RED CABLE, RECEPTACLE
 - LIGHT UNIT ON BLACK CABLE, RECEPTACLE
 - EXISTING LIGHT UNIT ON RED CABLE
 - EXISTING LIGHT UNIT ON BLACK CABLE
 - PROPOSED LIGHTING CONTROLLER
 - COMED SERVICE POLE



FILES
DATES
STINES

WE-1

REVISIONS		NAME	DATE
NO.	DESCRIPTION		

ILLINOIS DEPARTMENT OF TRANSPORTATION
US RTE 6 (159TH ST) AT US RTE 45 (LAGRANGE RD)
**PROPOSED SINGLE LINE DIAGRAM
LIGHTING CONTROLLER "C6" AND
RECEPTACLE CONTROLLER "RP"**
SCALE: NONE
DATE: 7-07-06
DRAWN BY: MB
CHECKED BY: KMY

McDonough Associates Inc.
Engineers / Architects