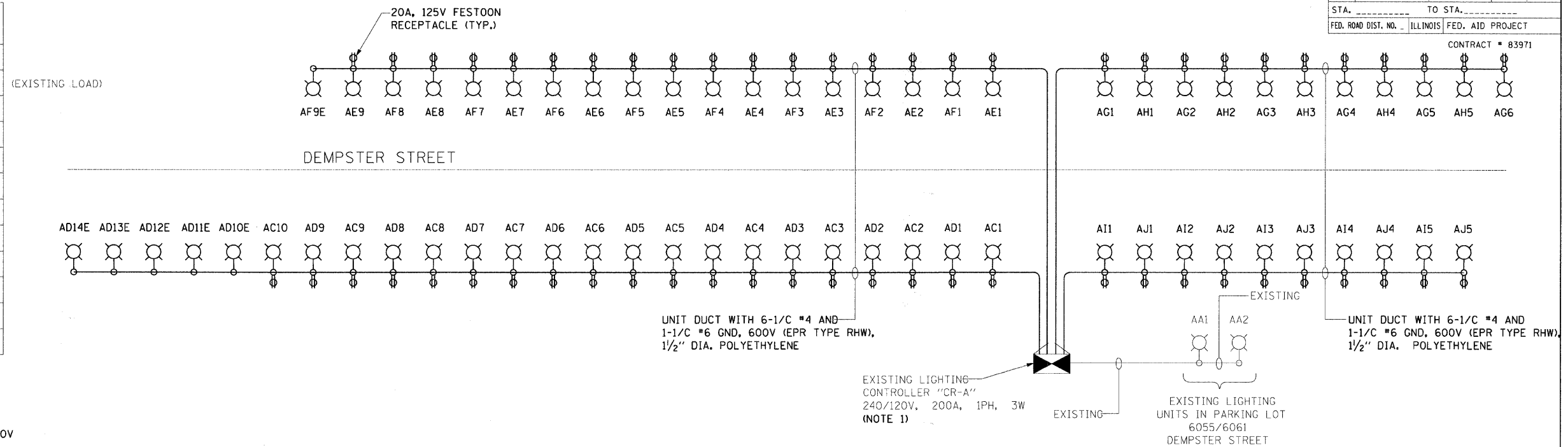


CIRCUIT	AMPS	VA
A	2.4	576
B	-	-
C	19.5	4,680
D	23.55	5,652
E	17.55	4,212
F	16.8	4,032
G	11.7	2,808
H	11.7	2,808
I	9.75	2,340
J	9.75	2,340
TOTAL	122.7	29,448

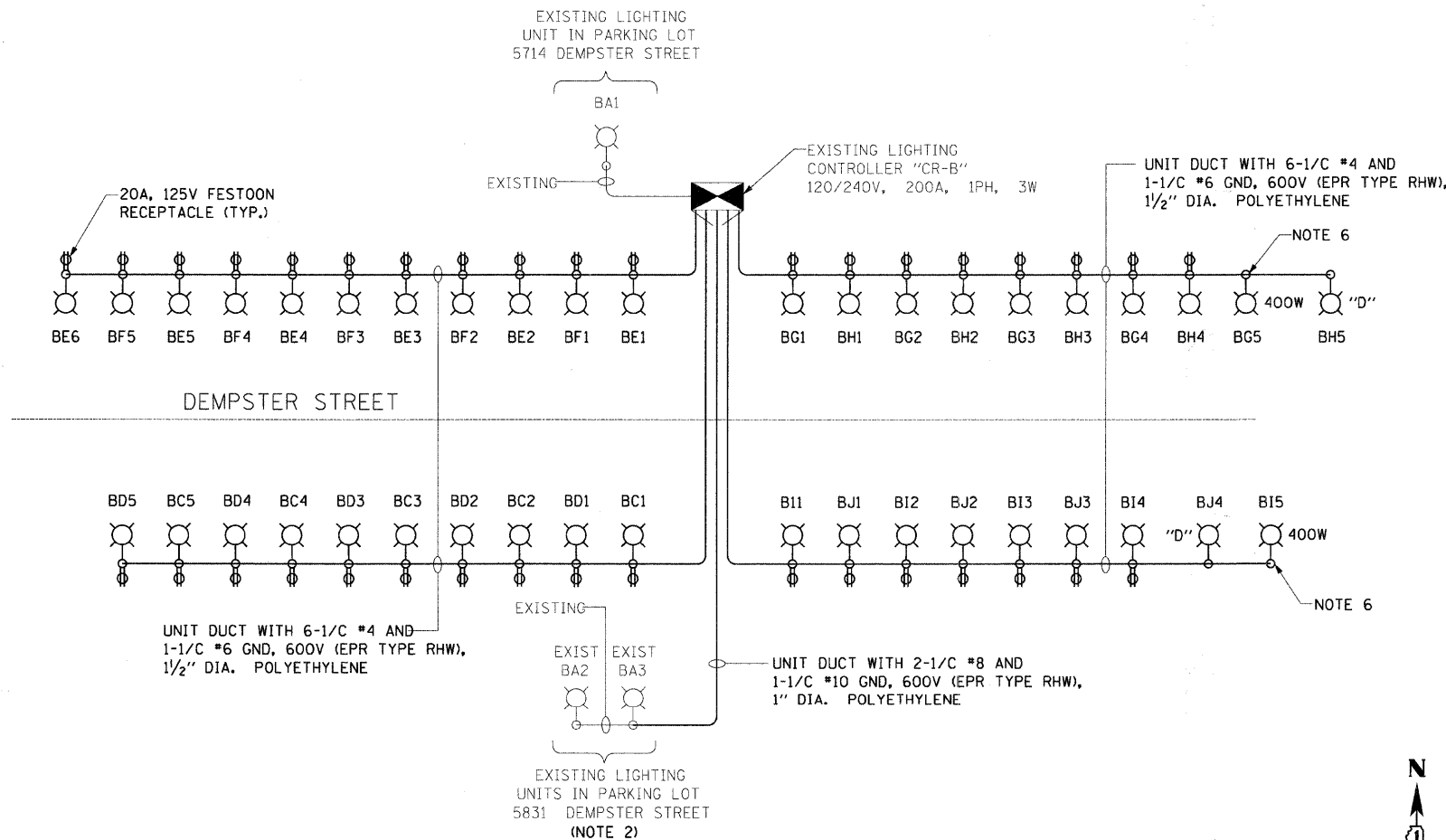
NOTE:
LOAD TABULATION IS BASED ON THE FOLLOWING:
250 HPS LUMINAIRE: 1.2 AMP AT 240V
FESTOON RECEPTACLE: 1.5 AMP AT 120V



1 EXISTING LIGHTING CONTROLLER "CR-A" SINGLE LINE DIAGRAM
N.T.S.

CIRCUIT	AMPS	VA
A	3.6	864
B	-	-
C	9.75	2,340
D	9.75	2,340
E	11.03	2,648
F	10.5	2,520
G	10.55	2,532
H	9.75	2,340
I	10.2	2,448
J	9.35	2,244
TOTAL	84.48	20,276

NOTE:
LOAD TABULATION IS BASED ON THE FOLLOWING:
250 HPS LUMINAIRE: 1.2 AMP AT 240V
400 HPS LUMINAIRE: 2 AMP AT 240V
FESTOON RECEPTACLE: 1.5 AMP AT 120V



- NOTES:
- CONNECT ALL NEW LIGHTING UNITS ALONG DEMPSTER STREET TO THE EXISTING SPARE 30A, 2P, 240V CIRCUIT BREAKERS LOCATED IN EXISTING CONTROLLERS "CR-A" AND "CR-B".
 - CONNECT EXISTING PARKING LOT UNITS TO THE EXISTING LIGHTING CONTROLLER "CR-B". THE UNITS SHALL BE CONNECTED TO THE SAME CIRCUIT AS EXISTING LIGHTING UNIT FOR PARKING LOT 5714 DEMPSTER STREET.
 - REFER TO SHEET EG-1 FOR SYMBOL LIST AND ABBREVIATIONS.
 - REFER TO SHEETS ED-2 AND ED-3 FOR EXISTING CONTROLLER "CR-A" AND "CR-B" DETAILS.
 - ALL PROPOSED LIGHTING UNITS ARE TYPE "A", UNLESS NOTED OTHERWISE.
 - NEW 400W, HPS, 240V LUMINAIRE INSTALLED ON EXISTING COMBINATION POLE.
 - ALL PROPOSED LUMINAIRES ARE 250W, HPS, UNLESS NOTED OTHERWISE.

2 EXISTING LIGHTING CONTROLLER "CR-B" SINGLE LINE DIAGRAM
N.T.S.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION IL RTE 58 (DEMPSTER ST) IMPROVEMENTS SINGLE LINE DIAGRAMS FOR EXISTING LIGHTING CONTROLLERS
NAME	DATE	
		SCALE: NONE DATE: 10-16-09 DRAWN BY: RPK CHECKED BY: KMY

McDonough Associates Inc.
Engineers / Architects