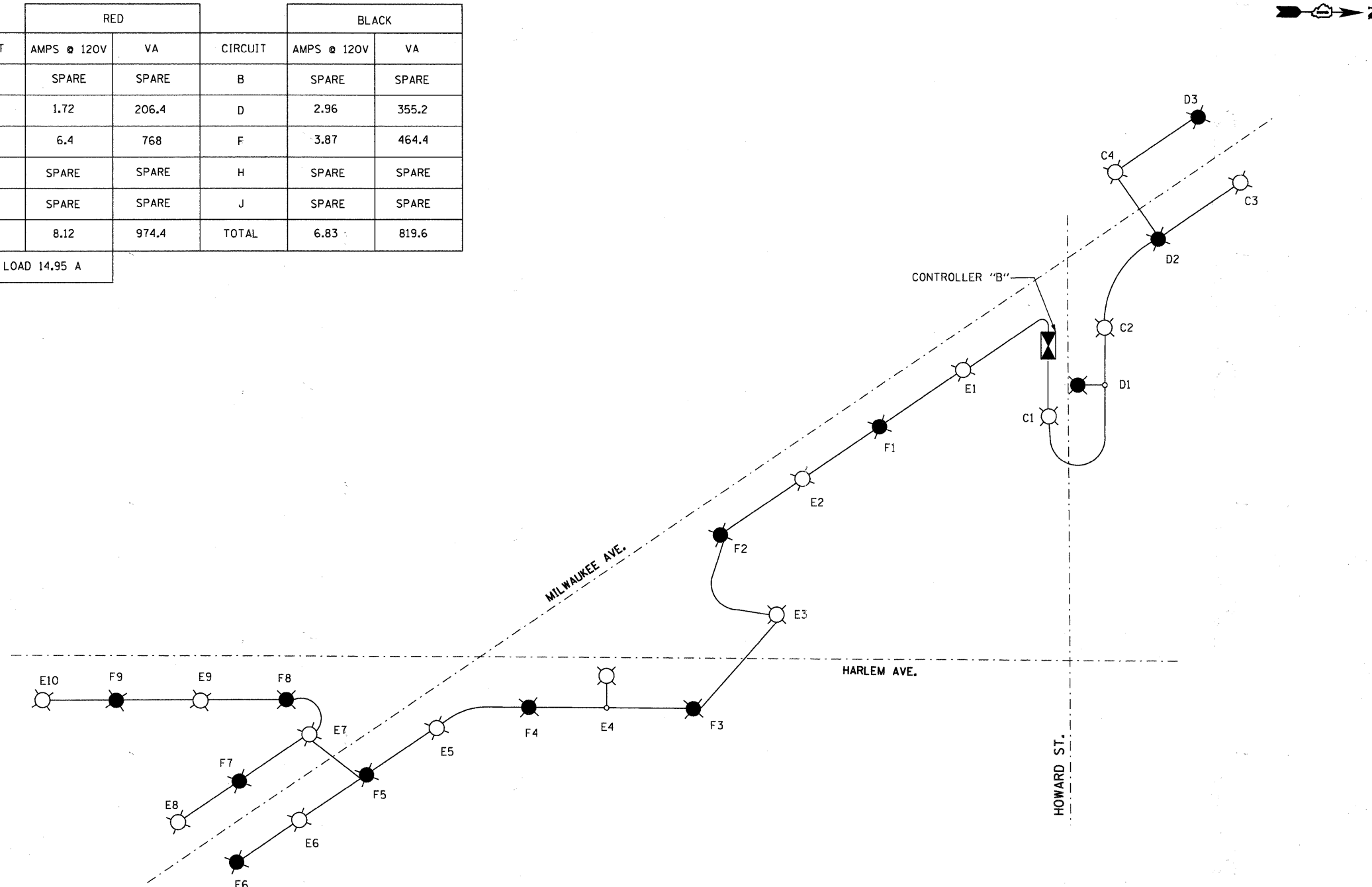


CONTROLLER "B" @ HARLEM AVE.

CIRCUIT	RED		CIRCUIT	BLACK	
	AMPS @ 120V	VA		AMPS @ 120V	VA
A	SPARE	SPARE	B	SPARE	SPARE
C	1.72	206.4	D	2.96	355.2
E	6.4	768	F	3.87	464.4
G	SPARE	SPARE	H	SPARE	SPARE
I	SPARE	SPARE	J	SPARE	SPARE
TOTAL	8.12	974.4	TOTAL	6.83	819.6
TOTAL LOAD 14.95 A					



- LEGEND**
- LUMINAIRES, 250W, 120V WITH RED CIRCUIT
 - LUMINAIRES, 250W, 120V WITH BLACK CIRCUIT
 - PROPOSED LIGHTING CONTROLLER
 - UNIT DUCT 3 1/2" x 6 1/2" #8 GROUND, 1" POLY.
 - LUMINAIRES, 50W, 120V RED CIRCUIT
 - LUMINAIRES, 50W, 120V BLACK CIRCUIT

LOAD DATA:
 250W HPS, 120V LUMINAIRE: 2.1A/LUMINAIRE
 50W HPS, 120V LUMINAIRE: 0.43A/LUMINAIRE

NOTE:
 EXISTING LIGHTING AT INTERSECTIONS ARE ON A SEPARATE CIRCUIT AND SHALL REMAIN (NOT AFFECTED BY PROPOSED WORK AND NOT SHOWN HERE).

LTG-05

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FILE NAME =	USER NAME = #USER#	DESIGNED - BL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	VILLAGE OF NILES LIGHTING IMPROVEMENTS WIRING DIAGRAM - MILWAUKEE AVE. AT OAKTON STREET				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#	PLOT SCALE = #SCALE#	DRAWN - RV	REVISED -		3513	10-00-111-00-LS	COOK	62	33				
	PLOT DATE = #DATE#	CHECKED - MSA	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO. 63622				
		DATE - 06-17-11	REVISED -		[ILLINOIS] FED. AID PROJECT								