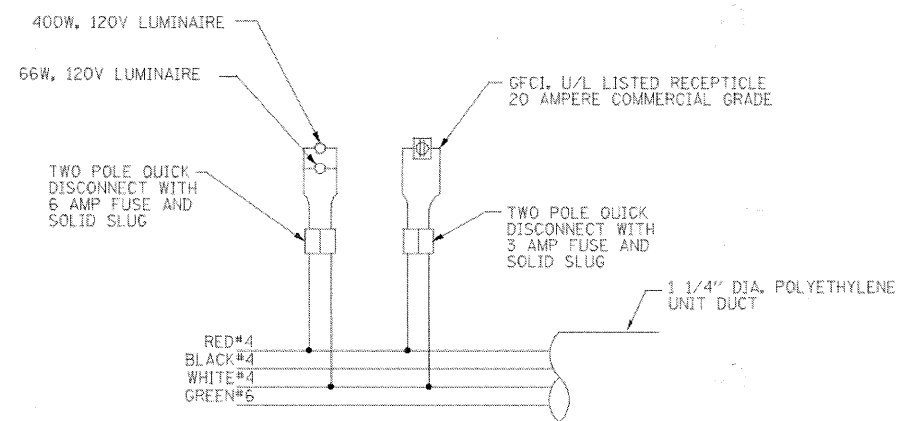


CONTROLLER "C" @ 120TH STREET

CIRCUIT	RED		BLACK		
	AMPS @ 120V	VA	CIRCUIT	AMPS @ 120V	VA
A	22.89	2746.8	B	22.89	2746.8
C	22.89	2746.8	D	22.89	2746.8
E	22.89	2746.8	F	22.89	2746.8
G	22.89	2746.8	H	22.89	2746.8
I	SPARE	SPARE	J	SPARE	SPARE
TOTAL	91.56	10897.2	TOTAL	91.56	10897.2
TOTAL LOAD 183.12					

LOAD DATA:

400W, 120V LUMINAIRE: 4.1A/LUMINAIRE
 66W LED, 120V LUMINAIRE: 0.53A/LUMINAIRE
 FESTOON OUTLET, 120V: 3A/FESTOON
 TOTAL LOAD/LTG UNIT: 7.63A



SINGLE POLE WIRING

LEGEND

- LUMINAIRES, 400W, 120V WITH 66W, 120V RED CIRCUIT
- LUMINAIRES, 400W, 120V WITH 66W, 120V BLACK CIRCUIT
- PROPOSED LIGHTING CONTROLLER
- UNIT DUCT 3 1/8" x 4 1/8" #6 GROUND, 1 1/4" POLY.
- FESTOON OUTLET, 120V GFCI

LTG-10

 MORRIS ENGINEERING, INC. <small>1100 S. LINCOLN BLVD. SUITE 100 LISLE, ILLINOIS 60532 PHONE: (630) 771-0770 FAX: (630) 771-0771 MORRIS.ENG.US WWW.MORRIS-ENG.COM</small>	 AMES Engineering, Inc. <small>CONSULTING ENGINEERS 1341 Warren Avenue Downers Grove, IL 60515 (630) 737-1007 (630) 470-6884 www.amesengineering.com</small>
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FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - BL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CITY OF PALOS HEIGHTS LIGHTING IMPROVEMENTS WIRING DIAGRAM	F.I.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - RV	REVISED -			34B	09-00046-00-LT	COOK	20	11	
		CHECKED - SA	REVISED -			CONTRACT NO. 63518					
		DATE - 06-03-11	REVISED -			ILLINOIS FED. AID PROJECT					