

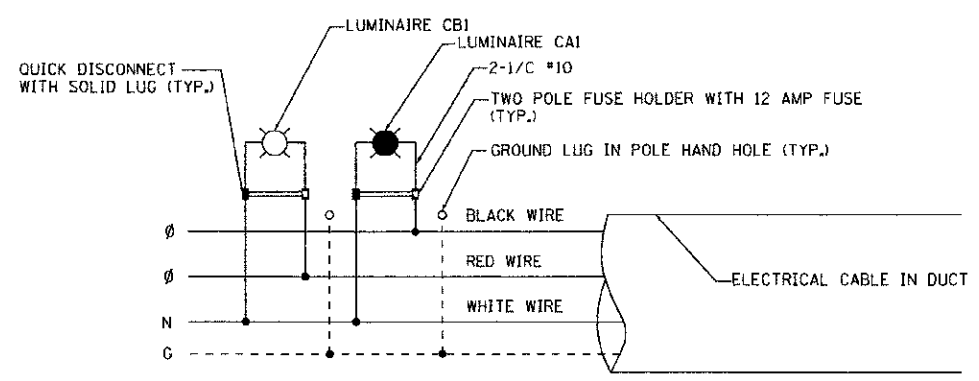
- LEGEND**
- B-RL RELOCATED LIGHTING CONTROLLER "C", SINGLE DOOR, 100A, 240/480V, 1Ø VILLAGE OF BOLINGBROOK MAINTAINED
 - B PROPOSED/RELOCATED/EXISTING LIGHTING UNIT 35' M.H., 10' M.A., 250W HPS TYPE MC-III, 240V LUMINAIRE (BLACK PHASE)
 - R PROPOSED/RELOCATED/EXISTING LIGHTING UNIT 35' M.H., 10' M.A., 250W HPS TYPE MC-III, 240V LUMINAIRE (RED PHASE)
 - GFCI EXISTING POLE MOUNTED GFCI RECEPTACLE TO BE RELOCATED WITH POLE TO NEW LOCATION SHOWN, 120V
 - EXISTING ELECTRIC SERVICE TRANSFORMER/PEDESTAL

LOAD TABLE
PROPOSED LIGHTING CONTROLLER "C"
(@ 240 VOLTS)

CIRCUIT	BLACK PHASE		CIRCUIT	RED PHASE	
	AMPS	WATTS		AMPS	WATTS
A	2.4	576	B	2.4	576
C	4.8	1152	D	3.6	864
E	2.4	576	F	2.4	576
G	3.6	864	H	3.6	864
TOTAL	13.2	3168	TOTAL	12.0	2880

TOTAL LOAD ON CONTROLLER (@240 V): 25.2 AMP

- NOTES:**
- CONTRACTOR SHALL FURNISH AND INSTALL WIRING TO EXISTING 120V, POLE MOUNTED FESTOON RECEPTACLES. TWO RECEPTACLES ARE INSTALLED ON EXISTING MEDIAN POLES TO BE RELOCATED, ONE RECEPTACLE PER POLE. WIRE RECEPTACLES USING 2-1/2" #6, 1/2" #8 G CONDUCTORS FROM EXISTING 120V AUXILIARY CIRCUIT BREAKERS IN LIGHTING CABINET.
 - CONTRACTOR SHALL MODIFY EXISTING LIGHTING CONTROLLER BY ADDING ADDITIONAL CIRCUIT BREAKERS IN THE EXISTING ELECTRICAL PANEL INSIDE THE CABINET. SPACES ARE AVAILABLE TO ADD 6 ADDITIONAL CIRCUIT BREAKERS. NEW CIRCUIT BREAKERS SHALL MATCH EXISTING BREAKER FRAME SIZE, INTERRUPTING RATING, AND AMPERE RATING.
 - ELECTRIC SERVICES FOR BOLINGBROOK MAINTAINED LIGHTING CONTROLLERS SHALL BE FED FROM COMED DESIGNATED SERVICE TRANSFORMERS OR PEDESTALS.
 - CONTRACTOR SHALL FURNISH AND INSTALL CONDUIT, CABLE AND TRENCHING (OR PUSHING) FOR SERVICE CONNECTION TO UTILITY TRANSFORMER. FINAL CONNECTION TO THE TRANSFORMER SHALL BE MADE BY THE UTILITY COMPANY.
 - ELECTRIC SERVICES TO THE BOLINGBROOK MAINTAINED LIGHTING CABINETS ARE METERED.
 - ALL ELECTRIC SERVICE AND BRANCH CIRCUIT CONDUCTORS SHALL BE XLP (TYPE USE-2).



DETAIL "A"
LUMINAIRE WIRING CONNECTION (TYP.)