

NOTES:

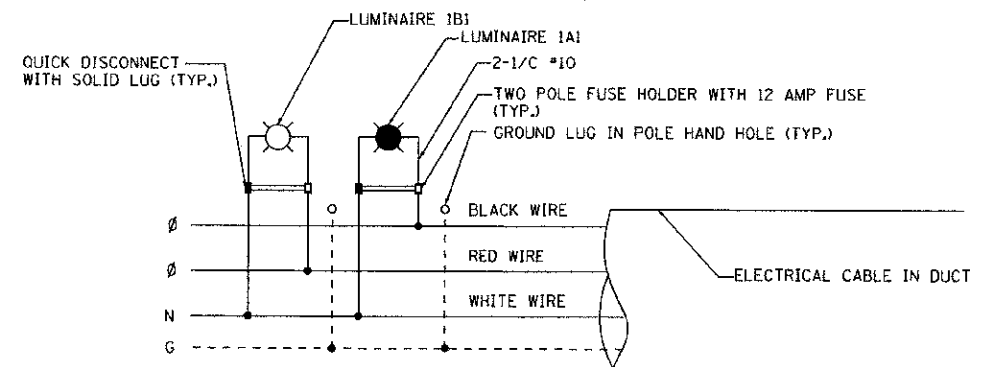
- ELECTRIC SERVICES FOR ALL NAPERVILLE MAINTAINED LIGHTING CONTROLLERS SHALL BE FED FROM NAPERVILLE DEPARTMENT OF PUBLIC UTILITIES-ELECTRICAL (NDPU-E) DESIGNATED SERVICE TRANSFORMERS OR PEDESTALS.
- CONTRACTOR SHALL FURNISH AND INSTALL CONDUIT, CABLE AND TRENCHING (OR PUSHING) FOR SERVICE CONNECTION TO UTILITY TRANSFORMER OR PEDESTAL. THE EXACT LOCATION OF THE SERVICE TRANSFORMER SHALL BE DETERMINED BY THE UTILITY. FINAL CONNECTION TO THE TRANSFORMER MUST BE MADE BY THE UTILITY COMPANY.
- ELECTRIC SERVICES TO THE NAPERVILLE MAINTAINED LIGHTING CABINETS ARE NOT METERED.
- ALL ELECTRIC SERVICE AND BRANCH CIRCUIT CONDUCTORS SHALL BE XLP TYPE USE-2.

LOAD TABLE PROPOSED LIGHTING CONTROLLER "5" (@ 120 VOLTS)					
CIRCUIT	BLACK PHASE		RED PHASE		
	AMPS	WATTS	CIRCUIT	AMPS	
A	6.2	744	B	6.2	744
C	9.3	744	D	9.3	744
E	6.2	1116	F	6.2	1116
G	9.3	1116	H	9.3	1116
TOTAL	31.0	3720	TOTAL	31.0	3720

TOTAL LOAD ON CONTROLLER (@120 V): 62.0 AMP

LEGEND

- PROPOSED LIGHTING CONTROLLER, SINGLE DOOR, 100A, 120/240V, 1Ø CITY OF NAPERVILLE MAINTAINED
- PROPOSED LIGHTING UNIT
40' M.H., 12' M.A., 310W HPS, TYPE MC-III, 120V LUMINAIRE (BLACK PHASE)
- PROPOSED LIGHTING UNIT
40' M.H., 12' M.A., 310W HPS, TYPE MC-III, 120V LUMINAIRE (RED PHASE)
- PROPOSED BRIDGE MOUNTED LIGHTING UNIT
40' M.H., 12' M.A., 310W HPS, TYPE MC-III, 120V LUMINAIRE (BLACK PHASE)
- PROPOSED BRIDGE MOUNTED LIGHTING UNIT
40' M.H., 12' M.A., 310W HPS, TYPE MC-III, 120V LUMINAIRE (RED PHASE)
- PROPOSED ELECTRIC SERVICE PEDESTAL



DETAIL "A"
LUMINAIRE WIRING CONNECTION (TYP.)