



DETAIL "A"
LUMINAIRE WIRING CONNECTION (TYP.)

LOAD TABLE
PROPOSED LIGHTING CONTROLLER "4"
(@ 120 VOLTS)

CIRCUIT	BLACK PHASE		CIRCUIT	RED PHASE	
	AMPS	WATTS		AMPS	WATTS
A	6.2	744	B	3.1	372
C	6.2	744	D	6.2	744
E	6.2	744	F	3.1	372
G	6.2	744	H	6.2	744
TOTAL	24.8	2976	TOTAL	18.6	2232

TOTAL LOAD ON CONTROLLER (@120 V): 43.4 AMP

LEGEND

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

NOTES:

1. 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.
2. 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.
3. ELECTRIC SERVICES TO THE NAPERVILLE MAINTAINED LIGHTING CABINETS ARE NOT METERED.
4. ALL ELECTRIC SERVICE AND BRANCH CIRCUIT CONDUCTORS SHALL BE XLP TYPE USE-2.

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