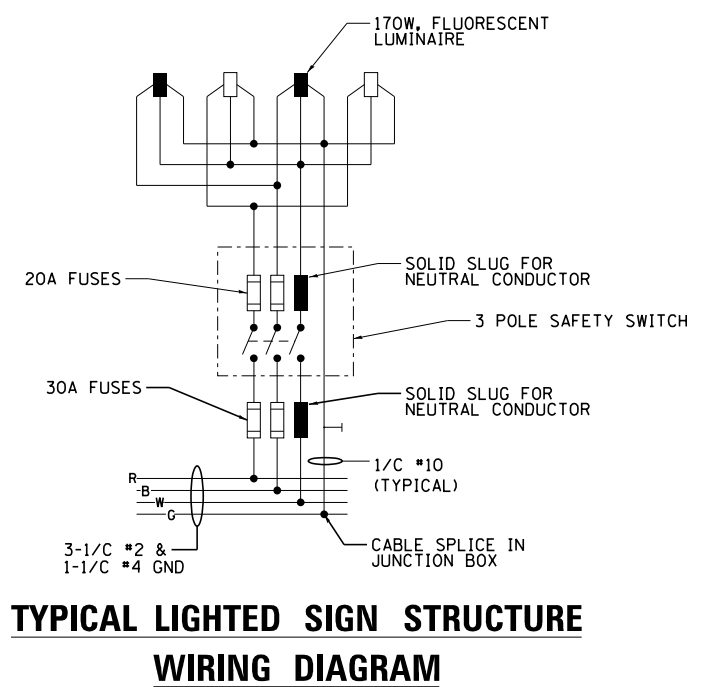
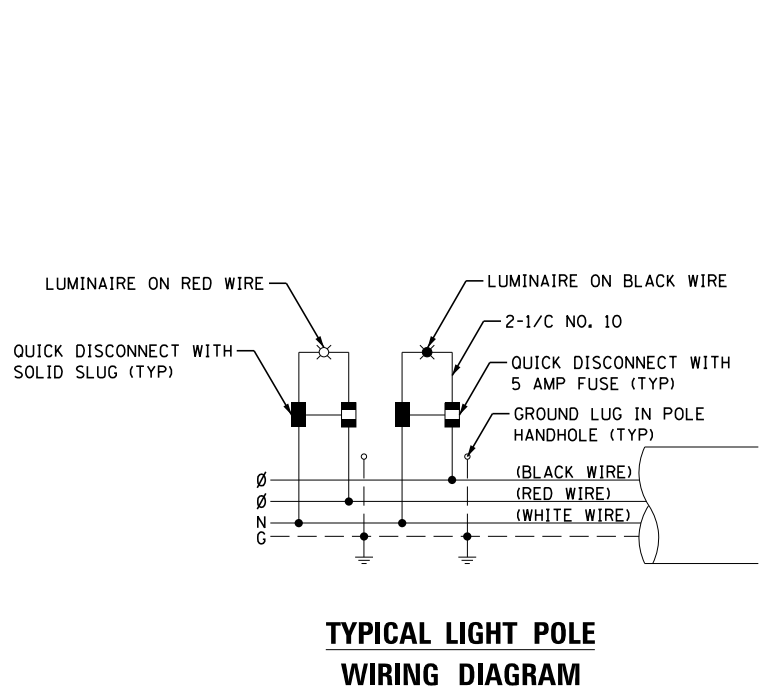


PROPOSED LIGHTING CONTROLLER "Z",  
 BASE MOUNTED, 200A (DUAL) RADIO SCADA,  
 240/480V, 1 PHASE, 3 WIRE

PROPOSED ELECTRIC SERVICE INSTALLATION,  
 200A, 240/480V, 1 PHASE, 3 WIRE

3-1/C NO.4/0 IN 2 1/2" RGC  
 (SERVICE FEEDER)

EXITING 200W HPS LIGHTING,  
 SEE NOTE 2



- LEGEND**
- UNIT DUCT OR CABLE IN CONDUIT
  - ELECTRIC GROUND ROD
  - ☑ LIGHTING CONTROLLER, BASE MOUNTED, 240/480V, 200 AMP (DUAL) RADIO SCADA, 1 PHASE, 3 WIRE
  - ⊕ ELECTRIC SERVICE INSTALLATION
  - 240V 400W HPS MC3 HORIZONTAL MOUNT LUMINAIRE ON RED WIRE
  - 240V 400W HPS MC3 HORIZONTAL MOUNT LUMINAIRE ON BLACK WIRE
  - ⊕ UNDERPASS LUMINAIRE, 100W HPS, 240V ON RED WIRE
  - ⊕ UNDERPASS LUMINAIRE, 100W HPS, 240V ON BLACK WIRE
  - ☐ LIGHTED SIGN STRUCTURE BLACK PHASE (RED PHASE SHOWN OPEN) SEE TYPICAL WIRING DIAGRAM BELOW

**LOAD TABLE**

IDOT LIGHTING CONTROLLER "Z" 240/480V					
RED PHASE	WATTS	AMPS	BLACK PHASE	WATTS	AMPS
A	3348	14.0	B	3348	14.0
C	3824	15.9	D	4302	17.9
E	4780	19.9	F	4780	19.9
G	3524	14.7	H	3524	14.7
I	SPARE	SPARE	J	2390	10.0
K	1912	8.0	L	2868	12.0
M	2868	12.0	N	SPARE	SPARE
O	SPARE	SPARE	P	SPARE	SPARE
TOTAL	20256	84.5	TOTAL	21212	88.5

- NOTES:**
- EXISTING LIGHTING INSTALLATIONS ARE "FOR INFORMATION ONLY".
  - NORTHBOUND LIGHTS SOUTH OF THE 47TH STREET INTERCHANGE ARE EXISTING AND WILL BE REPLACED UNDER FUTURE CONTRACT.