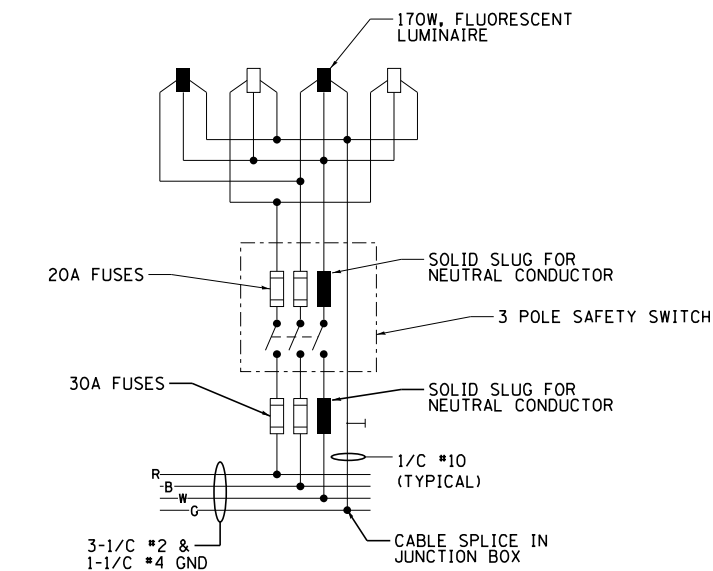
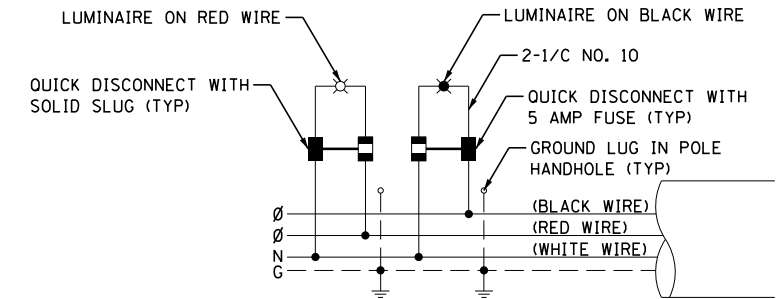


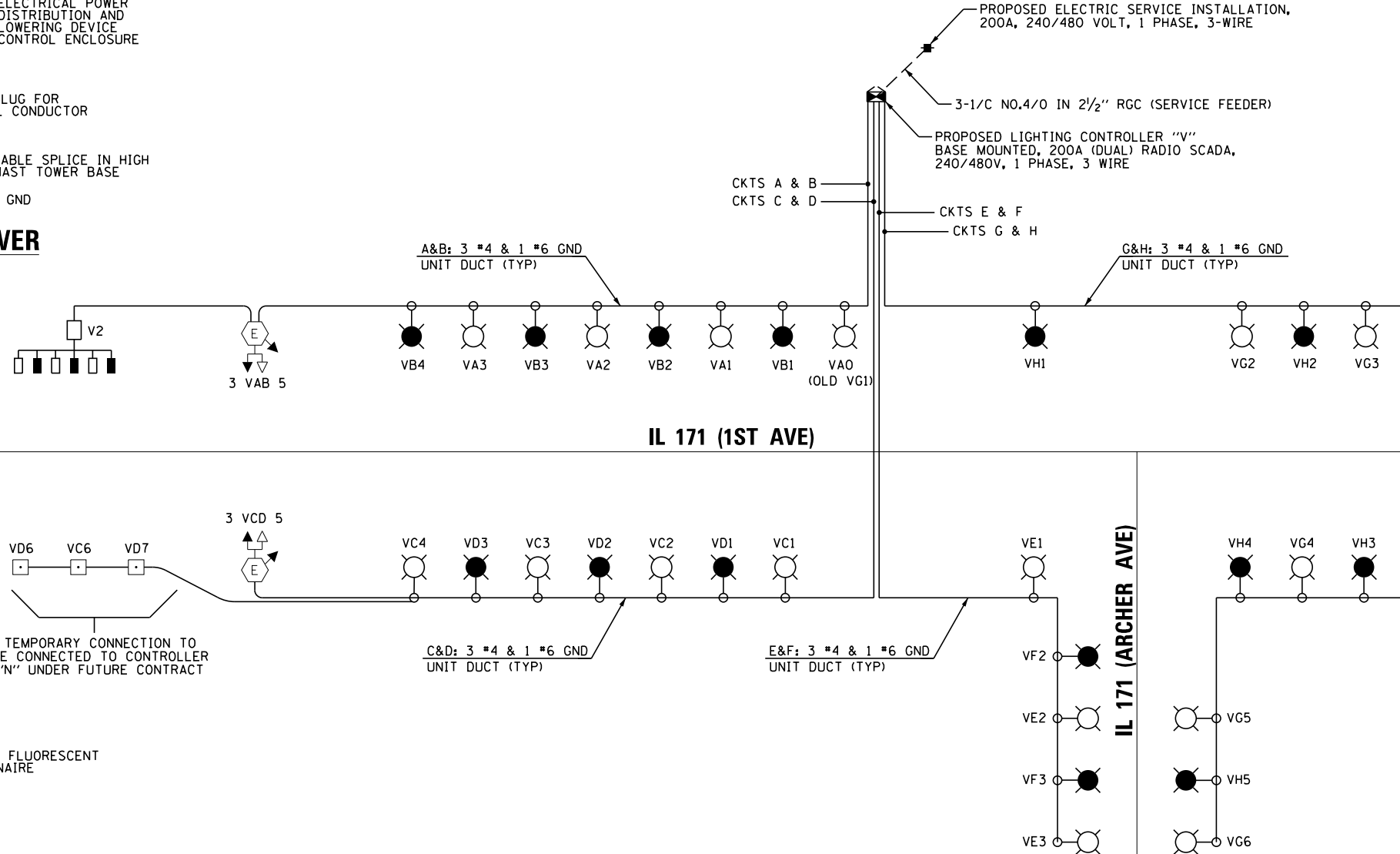
TYPICAL HIGH MAST TOWER WIRING DIAGRAM



TYPICAL LIGHTED SIGN STRUCTURE WIRING DIAGRAM



TYPICAL LIGHT POLE WIRING DIAGRAM



LOAD TABLE

IDOT LIGHTING CONTROLLER "V" 240/480V

RED PHASE	WATTS	AMPS	BLACK PHASE	WATTS	AMPS
A	3262	13.6	B	4102	17.1
C	2760	11.5	D	3130	13.0
E	1434	6.0	F	956	4.0
G	2390	10.0	H	2390	10.0
I	SPARE	SPARE	J	SPARE	SPARE
TOTAL	9846	41.0	TOTAL	10578	44.1

NOTES:
1. EXISTING LIGHTING INSTALLATIONS ARE "FOR INFORMATION ONLY".
2. NORTHBOUND LIGHTS ARE EXISTING AND WILL BE REPLACED UNDER FUTURE CONTRACT. LIGHTS AT/EAST OF ARCHER AVE ARE EXISTING TO REMAIN.

- LEGEND (THIS SHEET ONLY):**
- 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
 - ⬆ ⊕ HIGH MAST LIGHT TOWER, SEE TYPICAL WIRING DIAGRAM
 - ⬆ ⊕ 750 W HPS LUMINAIRE - RED PHASE (SOLID ON BLACK PHASE)
 - 2 NAB 4 HIGH MAST TOWER DESIGNATION
 - ☑ LIGHTED SIGN STRUCTURE BLACK PHASE (RED PHASE SHOWN OPEN) SEE TYPICAL WIRING DIAGRAM BELOW.
 - NAVIGATION LIGHT