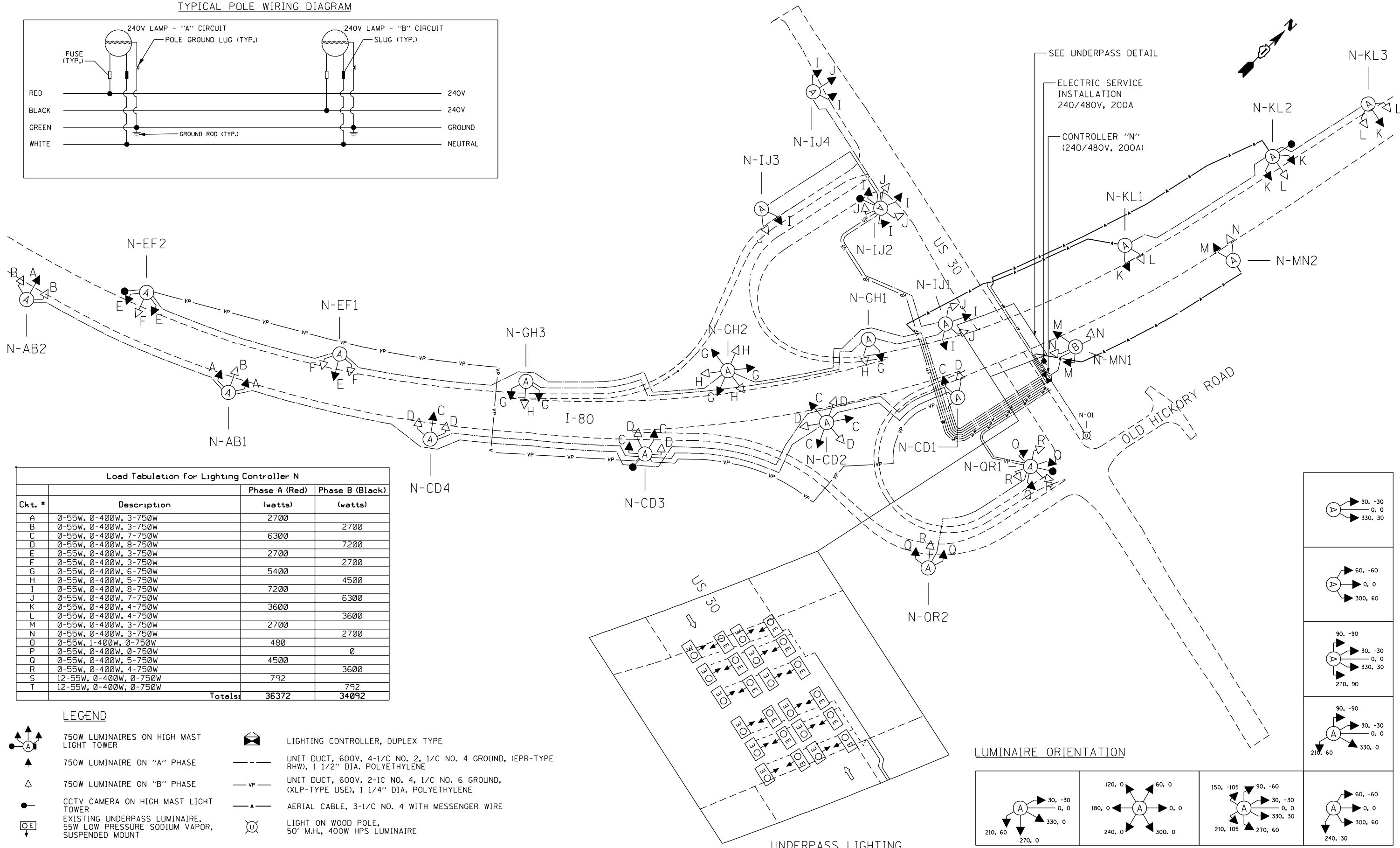
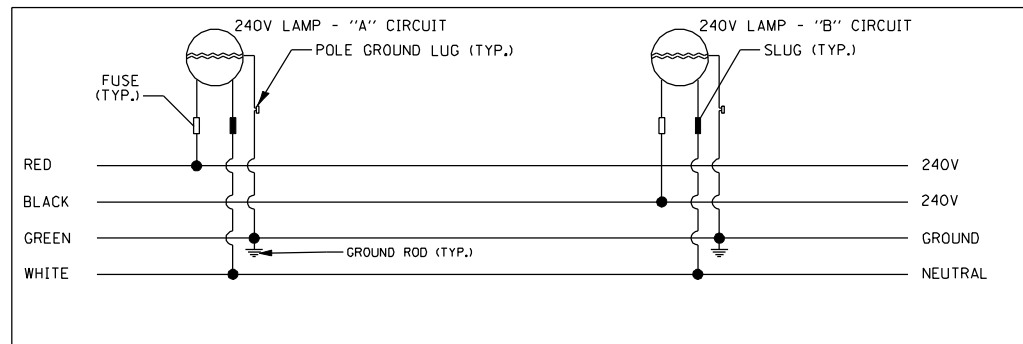


TYPICAL POLE WIRING DIAGRAM



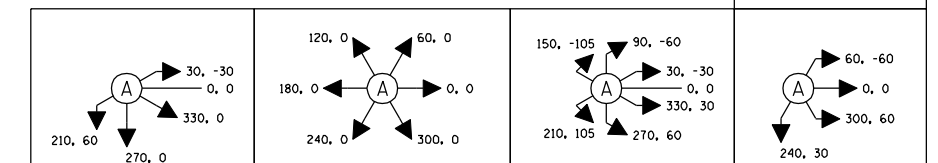
Load Tabulation for Lighting Controller N

Ckt. #	Description	Phase A (Red) (watts)	Phase B (Black) (watts)
A	0-55W, 0-400W, 3-750W	2700	
B	0-55W, 0-400W, 3-750W		2700
C	0-55W, 0-400W, 7-750W	6300	
D	0-55W, 0-400W, 8-750W		7200
E	0-55W, 0-400W, 3-750W	2700	
F	0-55W, 0-400W, 3-750W		2700
G	0-55W, 0-400W, 6-750W	5400	
H	0-55W, 0-400W, 5-750W		4500
I	0-55W, 0-400W, 8-750W	7200	
J	0-55W, 0-400W, 7-750W		6300
K	0-55W, 0-400W, 4-750W	3600	
L	0-55W, 0-400W, 4-750W		3600
M	0-55W, 0-400W, 3-750W	2700	
N	0-55W, 0-400W, 3-750W		2700
O	0-55W, 1-400W, 0-750W	480	
P	0-55W, 0-400W, 0-750W		0
Q	0-55W, 0-400W, 5-750W	4500	
R	0-55W, 0-400W, 4-750W		3600
S	12-55W, 0-400W, 0-750W	792	
T	12-55W, 0-400W, 0-750W		792
<b>Totals:</b>		<b>36372</b>	<b>34092</b>

LEGEND

- 750W LUMINAIRES ON HIGH MAST LIGHT TOWER
- 750W LUMINAIRE ON "A" PHASE
- 750W LUMINAIRE ON "B" PHASE
- CCTV CAMERA ON HIGH MAST LIGHT TOWER
- EXISTING UNDERPASS LUMINAIRE, 55W LOW PRESSURE SODIUM VAPOR, SUSPENDED MOUNT
- LIGHTING CONTROLLER, DUPLEX TYPE
- UNIT DUCT, 600V, 4-1/2" NO. 2, 1/2" NO. 4 GROUND, (EPR-TYPE RHW), 1 1/2" DIA. POLYETHYLENE
- UNIT DUCT, 600V, 2-1" NO. 4, 1/2" NO. 6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE
- AERIAL CABLE, 3-1/2" NO. 4 WITH MESSENGER WIRE
- LIGHT ON WOOD POLE, 50' M.H., 400W HPS LUMINAIRE

LUMINAIRE ORIENTATION



UNDERPASS LIGHTING

m:\p\2\0803284\0815\_high\_mast\_lighting\Lighting\3284-L6\_US30\_High\_Mast\_Light\_07\_One\_Line.dgn