

Circuit A @ 480 VOLTS

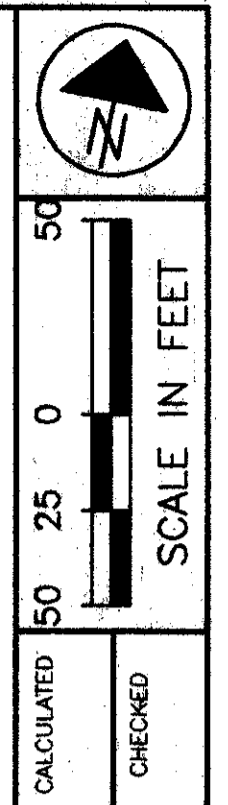
FROM	TO	Distance (ft.)	Load Wattage	Amperes	Resistance	Voltage Drop	% Volt. Drop	
PP1	PBL1	47	350	0.7292	0.0243	0.0177	0.00%	
PBL1	PBL2	105	350	0.7292	0.0543	0.0396	0.01%	
						Total	0.0573	0.01%

Circuit B @ 480 VOLTS

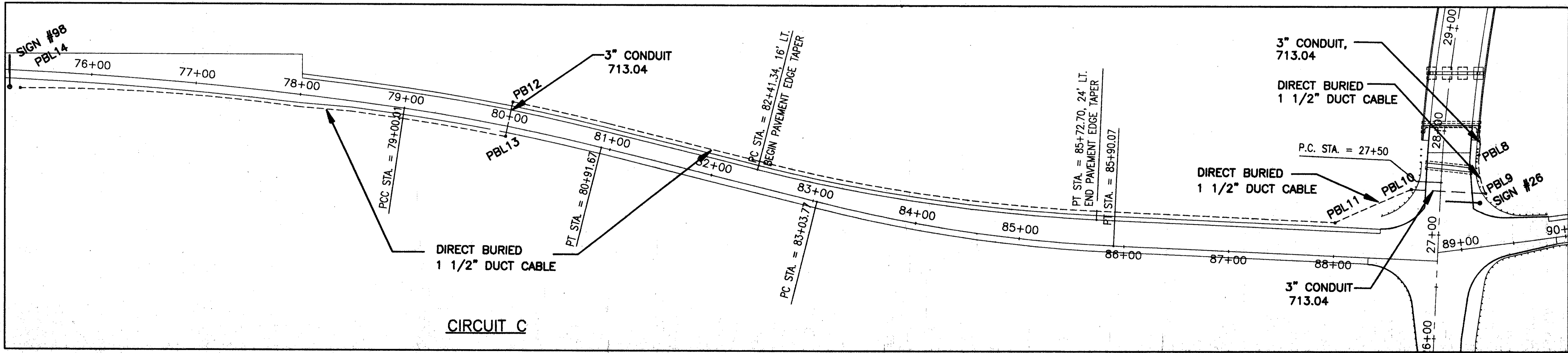
FROM	TO	Distance (ft.)	Load Wattage	Amperes	Resistance	Voltage Drop	% Volt. Drop	
PP1	PBL1	47	350	0.7292	0.0243	0.0177	0.00%	
PBL1	PBL3	100	350	0.7292	0.0517	0.0377	0.01%	
PBL3	PBL4	985	350	0.7292	0.5096	0.3716	0.08%	
PBL4	PBL5	54	350	0.7292	0.0279	0.0204	0.00%	
PBL5	PBL6	390	350	0.7292	0.2018	0.1471	0.03%	
						Total	0.5946	0.12%

Circuit C @ 480 VOLTS

FROM	TO	Distance (ft.)	Load Wattage	Amperes	Resistance	Voltage Drop	% Volt. Drop	
PP1	PBL7	385	700	1.4583	0.1992	0.2905	0.06%	
PBL7	PBL8	468	700	1.4583	0.2421	0.3531	0.07%	
PBL8	PBL9	58	700	1.4583	0.0300	0.0438	0.01%	
PBL9	PBL10	90	350	0.7292	0.0466	0.0340	0.01%	
PBL10	PBL11	100	350	0.7292	0.0517	0.0377	0.01%	
PBL11	PBL12	820	350	0.7292	0.4243	0.3094	0.06%	
PBL12	PBL13	54	350	0.7292	0.0279	0.0204	0.00%	
PBL13	PBL14	460	350	0.7292	0.2380	0.1735	0.04%	
						Total	0.6187	0.13%



SIGN LIGHTING  
CIRCUIT SCHEMATIC AND VOLTAGE DROP



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