

NOTIFICATION APPLIANCE CIRCUIT VOLTAGE DROPS								
Schlotterbeck Block								
Portland, Maine								
PANEL	CIRCUIT	WIRE GAUGE	LENGTH	CURRENT DRAW	VOLTAGE DROP	VOLTAGE LOSS	END VOLTAGE	CIRCUIT LOAD
FCPS #1	NAC 1	14	182 FT	.910A	.84VDC	3.50%	23.16VDC	30%
FCPS #1	NAC 2	14	178 FT	.910A	.82VDC	3.42%	23.18VDC	30%
FCPS #1	NAC 3	14	240 FT	1.096A	1.33VDC	5.54%	22.67VDC	37%
<b>FCPS #1: 2.916A/8A Spare Capacity: 63%</b>								
FCPS #2	NAC 1	14	184 FT	.711A	.66VDC	2.75%	23.34VDC	24%
FCPS #2	NAC 2	14	108 FT	.474A	.26VDC	1.08%	23.74VDC	16%
FCPS #2	NAC 3	14	199 FT	.711A	.71VDC	2.96%	23.29VDC	24%
FCPS #2	NAC 4	14	123 FT	.474A	.29VDC	1.21%	23.71VDC	16%
<b>FCPS #2: 2.370A/8A Spare Capacity: 70%</b>								
FCPS #3	NAC 1	14	214 FT	.711A	.77VDC	3.21%	23.23VDC	24%
FCPS #3	NAC 2	14	138 FT	.474A	.33VDC	1.38%	23.67VDC	16%
FCPS #3	NAC 3	14	229 FT	.711A	.82VDC	3.42%	23.18VDC	24%
FCPS #3	NAC 4	14	143 FT	.474A	.34VDC	1.42%	23.66VDC	16%
<b>FCPS #3: 2.370A/8A Spare Capacity: 70%</b>								
Calculated @ Maximum Distance/Current								