

NOTIFICATION APPLIANCE CIRCUIT VOLTAGE DROPS

Brick South at Thompson's Point

Portland, Maine

PANEL	CIRCUIT	WIRE GAUGE	LENGTH	CURRENT DRAW	VOLTAGE DROP	VOLTAGE LOSS	END VOLTAGE @ 24.0VDC	END VOLTAGE @ 20.4VDC	CIRCUIT LOAD
FCPS	NAC 1	14	170 FT	.8A	0.69 VDC	2.88%	23.31 VDC	19.71 VDC	27%
FCPS	NAC 2	14	255 FT	.966A	1.24 VDC	5.17%	22.76 VDC	19.16 VDC	32%
FCPS	NAC 3	14	365 FT	.948A	1.75 VDC	7.29%	22.25 VDC	18.65 VDC	32%
FCPS	NAC 4	14	375 FT	1.042A	1.92 VDC	8.00%	22.08 VDC	18.48 VDC	35%

FCPS #1: 3.756A/8A Spare Capacity: 53%

Calculated @ Maximum Distance/Current