

**NOTIFICATION APPLIANCE CIRCUIT VOLTAGE DROPS**

556 Cumberland Avenue

Portland, Maine

<b>PANEL</b>	<b>CIRCUIT</b>	<b>WIRE GAUGE</b>	<b>LENGTH</b>	<b>CURRENT DRAW</b>	<b>VOLTAGE DROP</b>	<b>VOLTAGE LOSS</b>	<b>END VOLTAGE</b>	<b>CIRCUIT LOAD</b>
FACP	NAC 1	14	110 FT	.400A	0.21VDC	0.88%	23.79VDC	16%
FACP	NAC 2	14	105 FT	.224A	0.12VDC	0.50%	23.88VDC	9%
FACP	NAC 3	14	120 FT	.224A	0.14VDC	0.58%	23.86VDC	9%
FACP	NAC 4	14	135 FT	.224A	0.15VDC	0.63%	23.85VDC	9%

Calculated @ Maximum Distance/Current