NOTIFICATION APPLIANCE CIRCUIT VOLTAGE DROPS						
USM Central Heat Plant						
Portland, Maine						
PANEL	**CIRCUIT**	**LENGTH**	**CURRENT DRAW**	**VOLTAGE DROP**	**VOLTAGE LOSS**	**EN VOLT**
FACP	NAC 1	18 FT	.057A	.006VDC	.022%	23.994
FACP	NAC 2	55 FT	.171A	.020VDC	.20%	23.952VDC
FACP	NAC 3	150 FT	.591A	.45VDC	1.88%	23.55VDC
Calculated Using #14 AWG Wire @ Maximum Distance/Current						

RESURGAM CITY OF PORTLAND, MAINE
Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 05/06/15