Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 06/10/16

NOTIFICATION APPLIANCE CIRCUIT VOLTAGE DROPS								
Loring House								
Portland, Maine								
PANEL	**CIRCUIT**	**WIRE GAUGE**	**LENGTH**	**CURRENT DRAW**	**VOLTAGE DROP**	**VOLTAGE LOSS**	**EN VOLT**	
FCPS 1	NAC 1	14	222 FT	.85A	.95VDC	3.96%	23.05	
FCPS 1	NAC 2	14	244 FT	.34A	.42VDC	1.75%	23.58VDC	11%
FCPS 1	NAC 3	14	78 FT	.255A	.10VDC	0.42%	23.9VDC	9%
FCPS: 1.5A/8A Spare Capacity: 82%								
FCPS 2	NAC 1	14	122 FT	.85A	.52VDC	2.17%	23.48VDC	28%
FCPS 2	NAC 2	14	100 FT	.595A	.30VDC	1.25%	23.7VDC	20%
FCPS 2	NAC 3	14	196 FT	.85A	.84VDC	3.50%	23.16VDC	28%
FCPS 2	NAC 4	14	182 FT	.34A	.31VDC	1.29%	23.69VDC	11%
FCPS: 2.6A/8A Spare Capacity: 67%								
Calculated @ Maximum Distance/Current								