VOLTAGE DROP CALCULATIONS

USM - Payson Smith Hall Portland, ME

Circuit 1			Circuit 2		
	Amperage Length of Run	1.04 280		Amperage Length of Run	0.92 214
	Voltage Drop	6.38%		Voltage Drop	4.31%
	VDC Applied	18.87		VDC Applied	19.37
Circuit 3			Circuit 4		
	Amperage Length of Run	1.01 195		Amperage Length of Run	0.998 178
	Voltage Drop	4.31%		Voltage Drop	3.89%
	VDC Applied	19.37		VDC Applied	19.47
Circuit 5			Circuit 6		
	Amperage Length of Run	1.088 156		Amperage Length of Run	1.08 168
	Voltage Drop	3.72%		Voltage Drop	3.98%
	VDC Applied	19.51		VDC Applied	19.45
Circuit 7			Circuit 8		
	Amperage Length of Run	0.936 210		Amperage Length of Run	0.96 225
	Voltage Drop	4.30%		Voltage Drop	4.73%
	VDC Applied	19.37		VDC Applied	19.27