Sheet1

		1 horse power motor is 745 watts					
		•					
1357.5	WATTS	2 "3/4" hors	se power m	otors plus	otors plus 6 "40" watt lights		
12.34	Amps		-	-		_	
		1	Ohms per 1000 feet for 10 AWG				
0.350	Ohms	350	Wire length in feet				
4.32	Voltage drop in Volts						
			Ohms per 1000 feet for 12 AWG				
0.557	Ohms	350	Wire lengtl	h in feet			
6.87	Voltage di	op in Volts	S				
		1.59	Ohms per 1000 feet for 12 AWG				
0.239	Ohms	150	Wire lengtl	h in feet			
2.94	Voltage drop in Volts						