

Battery/Power Calculation Form

Project: Summit at West Pryor

Location: FACP

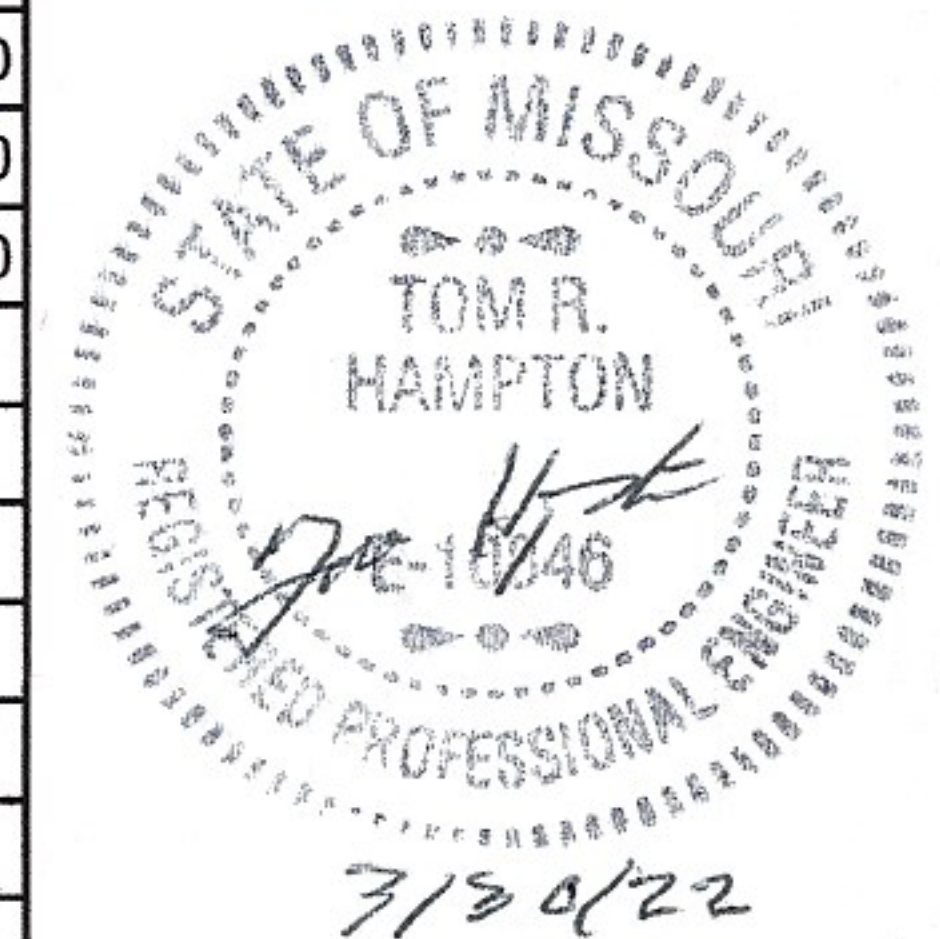
Notes: EuroWax Tenant Finish

* added

Standby: 24 Hours (1440) Minutes

Device	Quantity		Current - Amp/Hr.		Total
FACP (S3)	1	X	0.1110	X24	2.6640
Smoke Detector	44	X	0.0003	X24	0.3168
Heat Detector	3	X	0.0003	X24	0.0216
Duct Detector	0	X	0.0003	X24	
CO Detector	1	X	0.0003	X24	0.0072
Pull Station	9	X	0.0003	X24	0.0648
Monitor Module	17	X	0.000375	X24	0.1530
Control Module	27	X	0.000375	X24	0.2430
Remote Annunciator	1	X	0.05	X24	1.2000
110cd Horn/Strobe	1	X	0	X24	
75cd Horn/Strobe	3	X	0	X24	
30cd Horn/Strobe	3	X	0	X24	
15cd Horn/Strobe	12	X	0	X24	
110cd Strobe Only	0	X	0	X24	
75cd Strobe Only	0	X	0	X24	
30cd Strobe Only	1	X	0	X24	
15cd Strobe Only	7	X	0	X24	
Subtotal:					4.6704
Add 30% for battery depletion:					1.4011
Standby Subtotal:					6.0715

*1 added



Alarm Mode: 10 Minutes

Device	Quantity		Current - Amp/Hr.		Total
FACP (S3)	1	X	0.2430	÷6	0.0405
Smoke Detector	44	X	0.0065	÷6	0.0477
Heat Detector	3	X	0.0065	÷6	0.0033
Duct Detector	0	X	0.0065	÷6	
CO Detector	1	X	0.0072	÷6	0.0012
Pull Station	9	X	0.003	÷6	0.0045
Monitor Module	17	X	0.0006	÷6	0.0017
Control Module	27	X	0.0065	÷6	0.0293
Remote Annunciator	1	X	0.075	÷6	0.0125
110cd Horn/Strobe	1	X	0.162	÷6	0.0270
75cd Horn/Strobe	3	X	0.121	÷6	0.0605
30cd Horn/Strobe	3	X	0.074	÷6	0.0370
15cd Horn/Strobe	12	X	0.054	÷6	0.1080
110cd Strobe Only	0	X	0.148	÷6	
75cd Strobe Only	0	X	0.107	÷6	
30cd Strobe Only	1	X	0.063	÷6	0.0105
15cd Strobe Only	7	X	0.043	÷6	0.0502
Subtotal:					0.4337
Add 30% for battery depletion:					0.1301
Alarm Mode Subtotal:					0.5639

*1 added

Standby Subtotal: 6.0715
 Plus Alarm Mode Subtotal: 0.5639
 System Current Demand: 6.6354

Battery Size: 12vdc 10AH
 Battery Quantity: 2
 Battery Total: 24vdc 10AH

Battery/Power Calculation FormProject: W.Pryor Retail 1-5Location: NACNotes: EuroWax Tenant Finish

*added

Standby: 24 Hours (1440) Minutes

Device	Quantity		Current - Amp/Hr.		Total
HPF24S6	1	X	0.0750000	X24	1.8000
A/V 95cd	2	X	0	X24	
A/V 75cd	8	X	0	X24	*1 added
A/V 30cd	0	X	0	X24	
A/V 15cd	8	X	0	X24	*2 added
Strobe only 95cd	0	X	0	X24	
Strobe only 75cd	0	X	0	X24	
Strobe only 30cd	0	X	0	X24	
Strobe only 15cd	13	X	0	X24	*7 added
Strobe only 185cd	0	X	0	X24	
.		X		X24	
Subtotal:					1.8000
Add 30% for battery depletion:					0.5400
Standby Subtotal:					2.3400

Alarm Mode: 10 Minutes

Device	Quantity		Current - Amp/Hr.		Total
HPF24S6	1	X	0.1750	÷6	0.0292
A/V 95cd	2	X	0.162	÷6	0.0540
A/V 75cd	8	X	0.121	÷6	0.1613
A/V 30cd	0	X	0.074	÷6	
A/V 15cd	8	X	0.054	÷6	0.0720
Strobe only 95cd	0	X	0.148	÷6	
Strobe only 75cd	0	X	0.107	÷6	
Strobe only 30cd	0	X	0.063	÷6	
Strobe only 15cd	13	X	0.043	÷6	0.0466
Strobe only 185cd	0	X	0.222	÷6	
.	0	X		÷6	
Subtotal:					0.3631
Add 30% for battery depletion:					0.1089
Alarm Mode Subtotal:					0.4720

Standby Subtotal:	2.3400	Battery Size:	12vdc 7AH
Plus Alarm Mode Subtotal:	0.4720	Battery Quantity:	2
System Current Demand:	2.8120	Battery Total:	24vdc 7AH

