

# Branch Panel:EM-LP-SE

Location: ELEC/COMM 1  
Supply From: XFMR-EM-LP-SE  
Mounting: Surface  
Enclosure: Type 1

Volts: 120/208 Wye  
Phases: 3  
Wires: 4

A.I.C. Rating: 22,000  
Mains Type: COPPER  
Mains Rating: 100 A  
MCB Rating: 100 A

Notes:

CKT	Circuit Description	Trip	Poles	A kVA		B kVA		C kVA		Poles	Trip	Circuit Description	CKT
1	Power	20 A	1	0.25	1.50					1	20 A	SECURITY CAMERAS	2
3	Receptacle	20 A	1			0.50	2.25			1	20 A	SECURITY CAMERAS	4
5	Power	20 A	1					0.25	1.75	1	20 A	SECURITY CAMERAS	6
7	HVAC	20 A	2	1.00	1.56					2	20 A	ELEVATOR CONDENSING UNIT	8
9	--	--	--			1.00	1.56			--	--	--	10
11	SECURITY CAMERAS	20 A	1					1.75	1.56	2	20 A	ELEVATOR CONDENSING UNIT	12
13	FACP	20 A	1	0.50	1.56					--	--	--	14
15	Spare	20 A	1			0.00	0.00			1	20 A	Spare	16
17	Spare	20 A	1					0.00	0.00	1	20 A	Spare	18
19	Spare	20 A	1	0.00	0.00					1	20 A	Spare	20
21	Spare	20 A	1			0.00	0.00			1	20 A	Spare	22
23	Spare	20 A	1					0.00	0.00	1	20 A	Spare	24
25	Spare	20 A	1	0.00	0.00					1	20 A	Spare	26
27	Spare	20 A	1			0.00	0.00			1	20 A	Spare	28
29	Spare	20 A	1					0.00	0.00	1	20 A	Spare	30
31	Spare	20 A	1	0.00	0.00					1	20 A	Spare	32
33	Spare	20 A	1			0.00	0.00			1	20 A	Spare	34
35	Spare	20 A	1					0.00	0.00	1	20 A	Spare	36
37	Spare	20 A	1	0.00	0.00					1	20 A	Spare	38
39	Spare	20 A	1			0.00	0.00			1	20 A	Spare	40
41	Spare	20 A	1					0.00	0.00	1	20 A	Spare	42
Total Load:				6.37 kVA		5.31 kVA		5.31 kVA					
Total Amps:				53 A		44 A		44 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	2000 VA	100.00%	2000 VA	Total Conn. Load: 16.99 kVA Total Est. Demand: 16.99 kVA Total Conn. Amps: 47 A Total Est. Demand: 47 A	
Other	7250 VA	100.00%	7250 VA		
Power	7240 VA	100.00%	7240 VA		
Receptacle	500 VA	100.00%	500 VA		

Notes:

VAMC PARKING GARAGE

SHEET NO.:

E-603.01

DATE: 04/25/16 SCALE: NO SCALE

PROJECT NO.: 13-431 DESIGNED BY: FSC

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