

5/23/2018 8:02:41 AM

K
J
H
G
F
E
D
C
B
A

1 2 3 4 5 6 7 8 9 10 11 12

Branch Panel: 2EP

Location: ELEC 113
Supply From: TX2EP
Mounting: SURFACE
Enclosure: NEMA 1

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

Notes:
MINI-POWERZONE COMBINATION TRANSFORMER/PANEL

CKT	Circuit Description	Tripp	Poles	A	B	C	Poles	Tripp	Circuit Description	CKT	
1	FACPT	20 A	1	0 KVA	0 KVA	0 KVA	1	20 A	RECEPTACLE PROGRAM SERVER 105	2	
3	SPACE	--	--	0 KVA	0 KVA	0 KVA	1	20 A	RECEPTACLE PROGRAM SERVER 105	4	
5	SPACE	--	--	0 KVA	0 KVA	0 KVA	1	20 A	RECEPTACLE PROGRAM SERVER 105	6	
7	SPACE	--	--	0 KVA	0 KVA	0 KVA	1	20 A	RECEPTACLE PROGRAM SERVER 105	8	
9	SPACE	--	--	0 KVA	0 KVA	0 KVA	1	20 A	RECEPTACLE PROGRAM SERVER 105	10	
11	SPACE	--	--	0 KVA	0 KVA	0 KVA	1	20 A	RECEPTACLE PROGRAM SERVER 105	12	
13	SPACE	--	--	0 KVA	0 KVA	0 KVA	--	--	SPACE	14	
15	SPACE	--	--	0 KVA	0 KVA	0 KVA	--	--	SPACE	16	
17	SPARE	20 A	1	0 KVA	0 KVA	0 KVA	1	20 A	SPACE	18	
19	SPARE	20 A	1	0 KVA	0 KVA	0 KVA	1	20 A	SPACE	20	
21	SPARE	20 A	1	0 KVA	0 KVA	0 KVA	1	20 A	SPACE	22	
23	SPARE	20 A	1	0 KVA	0 KVA	0 KVA	1	20 A	SPACE	24	
				Total Load:	4240 VA	3240 VA	720 VA				
				Total Amps:	39 A	30 A	6 A				

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Power	1000 VA	100.00%	1000 VA	Total Conn. Load: 8200 VA
RECEPTACLE	7200 VA	100.00%	7200 VA	Total Est. Demand: 8200 VA
				Total Conn.: 23 A
				Total Est. Demand: 23 A

Notes:
*PROVIDE CIRCUIT BREAKER WITH FACTORY PROVIDED RED HANDLE.

Branch Panel: 2P3A

Location: FUTURE
Supply From: TX3
Mounting: SURFACE
Enclosure: NEMA 1

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

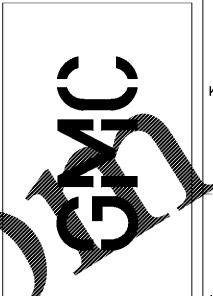
Notes:

CKT	Circuit Description	Tripp	Poles	A	B	C	Poles	Tripp	Circuit Description	CKT	
1	RECEPTACLE	20 A	1	1 KVA	0 KVA	0 KVA	1	20 A	RECEPTACLE	2	
3	RECEPTACLE	20 A	1	1 KVA	1 KVA	0 KVA	1	20 A	RECEPTACLE	4	
5	RECEPTACLE	20 A	1	1 KVA	1 KVA	1 KVA	0 KVA	--	SPACE	6	
7	SPACE	--	--	0 KVA	0 KVA	0 KVA	--	--	SPACE	8	
9	SPACE	--	--	0 KVA	0 KVA	0 KVA	--	--	SPACE	10	
11	SPACE	--	--	0 KVA	0 KVA	0 KVA	--	--	SPACE	12	
13	SPACE	--	--	0 KVA	0 KVA	0 KVA	--	--	SPACE	14	
15	SPACE	--	--	0 KVA	0 KVA	0 KVA	--	--	SPACE	16	
17	SPACE	--	--	0 KVA	0 KVA	0 KVA	--	--	SPACE	18	
19	SPACE	--	--	0 KVA	0 KVA	0 KVA	--	--	SPACE	20	
21	SPACE	--	--	0 KVA	0 KVA	0 KVA	--	--	SPACE	22	
23	SPACE	--	--	0 KVA	0 KVA	0 KVA	--	--	SPACE	24	
25	SPACE	--	--	0 KVA	0 KVA	0 KVA	--	--	SPACE	26	
27	SPACE	--	--	0 KVA	0 KVA	0 KVA	--	--	SPACE	28	
29	SPACE	--	--	0 KVA	0 KVA	0 KVA	--	--	SPACE	30	
31	SPACE	--	--	0 KVA	0 KVA	0 KVA	--	--	SPACE	32	
33	SPACE	--	--	0 KVA	0 KVA	0 KVA	--	--	SPACE	34	
35	SPACE	--	--	0 KVA	0 KVA	0 KVA	--	--	SPACE	36	
37	SPACE	--	--	0 KVA	0 KVA	0 KVA	--	--	SPACE	38	
39	SPACE	--	--	0 KVA	0 KVA	0 KVA	--	--	SPACE	40	
41	SPACE	--	--	0 KVA	0 KVA	0 KVA	--	--	SPACE	42	
				Total Load:	1440 VA	1620 VA	720 VA				
				Total Amps:	13 A	14 A	6 A				

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
RECEPTACLE	3780 VA		3780 VA	Total Conn. Load: 3780 VA
				Total Est. Demand: 3780 VA
				Total Conn.: 10 A
				Total Est. Demand: 10 A

Notes:



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ISSUE DATE	DATE
ISSUE FOR BID	2018.05.25

DRAWN BY: JTH
CHECKED BY: TAN

SIMULATION LABORATORY
BUILDING - USA JOB #16-07
MOBILE, ALABAMA
ABC #2017372
GMC # AMOB160019



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