Power Panel: L1S1

Location: MECHANICAL A123 **Volts:** 208Y/120 **A.I.C. Rating:**
Supply From: MSWBDS **Phases:** 3 **MLO / MCB:** MCB
Mounting: **Wires:** 4 **FCB / MCB Rating:** SEE XMFR SCHEDULE

CKT	Circuit Description	# of Poles	Trip Rating	Load	Remarks
1	UNIT C	2	20 A	29447 VA	
2	UNIT B	2	20 A	30254 VA	
3	UNIT C	2	20 A	29447 VA	
4	UNIT B	2	20 A	30254 VA	
5	UNIT B	2	20 A	30254 VA	
6	UNIT C	2	20 A	29447 VA	
7	UNIT C	2	20 A	29447 VA	
8	UNIT C	2	20 A	29447 VA	
9	UNIT C	2	20 A	29447 VA	
10	UNIT C	2	20 A	29447 VA	
11	UNIT C	2	20 A	29447 VA	
12	UNIT C	2	20 A	29447 VA	
13	UNIT A	2	20 A	30554 VA	
14	UNIT F	2	20 A	30443 VA	
15	L1S2	3	20 A	0 VA	
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
				416782 VA	
				1157 A	

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
MULTIFAMILY_OPTIONAL	416782 VA	40.00%	166713 VA	**Total Est. Demand:**	166713 VA
				Total Est. Demand Current (100% Rated):	463 A
				Non-Cont. Current @ 100%:	463 A
				Continuous Current @ 125%:	0 A
				Total Est. Demand Current (80% Rated):	463 A

Legend:
FCB: Feeder Circuit Breaker
GFI: GFCI Circuit Breaker
LOCK: Lockable Circuit Breaker
MCB: Main Circuit Breaker
MCCB: Molded Case Circuit Breaker
MLO: Main Lug Only

Notes:

Power Panel: L2S1

Location: STORAGE A226C **Volts:** 208Y/120 **A.I.C. Rating:**
Supply From: MSWBDS **Phases:** 3 **MLO / MCB:** MCB
Mounting: **Wires:** 4 **FCB / MCB Rating:** SEE XMFR SCHEDULE

CKT	Circuit Description	# of Poles	Trip Rating	Load	Remarks
1	UNIT E	2	20 A	30443 VA	
2	UNIT C	2	20 A	29447 VA	
3	UNIT D	2	20 A	29687 VA	
4	UNIT C	2	20 A	29447 VA	
5	UNIT C	2	20 A	29447 VA	
6	UNIT D	2	20 A	29687 VA	
7	UNIT C	2	20 A	29447 VA	
8	UNIT C	2	20 A	29447 VA	
9	UNIT G	2	20 A	30443 VA	
10	UNIT C	2	20 A	29447 VA	
11	UNIT B	2	20 A	30254 VA	
12	UNIT C	2	20 A	29447 VA	
13	UNIT C	2	20 A	29447 VA	
14	UNIT C	2	20 A	29447 VA	
15	UNIT C	2	20 A	29447 VA	
16	UNIT C	2	20 A	29447 VA	
17	UNIT F	2	20 A	30443 VA	
18	UNIT A	2	20 A	30554 VA	
19	UNIT C	2	20 A	29447 VA	
20	UNIT C	2	20 A	29447 VA	
21	UNIT C	2	20 A	29447 VA	
22	UNIT B	2	20 A	30254 VA	
23	UNIT B	2	20 A	30254 VA	
24	L2S2	3	20 A	0 VA	
25					
				684277 VA	
				1899 A	

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
MULTIFAMILY_OPTIONAL	684277 VA	36.00%	246340 VA	**Total Est. Demand:**	246340 VA
				Total Est. Demand Current (100% Rated):	684 A
				Non-Cont. Current @ 100%:	684 A
				Continuous Current @ 125%:	0 A
				Total Est. Demand Current (80% Rated):	684 A

Legend:
FCB: Feeder Circuit Breaker
GFI: GFCI Circuit Breaker
LOCK: Lockable Circuit Breaker
MCB: Main Circuit Breaker
MCCB: Molded Case Circuit Breaker
MLO: Main Lug Only

Notes:

Power Panel: L3S1

Location: STORAGE A325C **Volts:** 208Y/120 **A.I.C. Rating:**
Supply From: MSWBDS **Phases:** 3 **MLO / MCB:** MCB
Mounting: **Wires:** 4 **FCB / MCB Rating:** SEE XMFR SCHEDULE

CKT	Circuit Description	# of Poles	Trip Rating	Load	Remarks
1	UNIT D	2	20 A	29687 VA	
2	UNIT D	2	20 A	29687 VA	
3	UNIT C	2	20 A	29447 VA	
4	UNIT C	2	20 A	29447 VA	
5	UNIT C	2	20 A	29447 VA	
6	UNIT C	2	20 A	29447 VA	
7	UNIT C	2	20 A	29447 VA	
8	UNIT B	2	20 A	30254 VA	
9	UNIT C	2	20 A	29447 VA	
10	UNIT C	2	20 A	29447 VA	
11	UNIT C	2	20 A	29447 VA	
12	UNIT C	2	20 A	29447 VA	
13	UNIT C	2	20 A	29447 VA	
14	UNIT F	2	20 A	30443 VA	
15	UNIT A	2	20 A	30554 VA	
16	UNIT C	2	20 A	29447 VA	
17	UNIT C	2	20 A	29447 VA	
18	UNIT C	2	20 A	29447 VA	
19	UNIT B	2	20 A	30254 VA	
20	UNIT B	2	20 A	30254 VA	
21	UNIT G	2	20 A	30443 VA	
22	UNIT E	2	20 A	30443 VA	
23	UNIT C	2	20 A	29447 VA	
24	L3S2	3	20 A	0 VA	
25					
				684277 VA	
				1899 A	

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
MULTIFAMILY_OPTIONAL	684277 VA	36.00%	246340 VA	**Total Est. Demand:**	246340 VA
				Total Est. Demand Current (100% Rated):	684 A
				Non-Cont. Current @ 100%:	684 A
				Continuous Current @ 125%:	0 A
				Total Est. Demand Current (80% Rated):	684 A

Legend:
FCB: Feeder Circuit Breaker
GFI: GFCI Circuit Breaker
LOCK: Lockable Circuit Breaker
MCB: Main Circuit Breaker
MCCB: Molded Case Circuit Breaker
MLO: Main Lug Only

Notes:

Branch Panel: L1S2

Location: MECHANICAL A123 **Volts:** 208Y/120 **A.I.C. Rating:**
Supply From: L1S1 **Phases:** 3 **MLO / MCB:** MLO
Mounting: **Wires:** 4 **FCB / MCB Rating:** 200 A

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

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Est. Demand:	0 VA
				Total Est. Demand Current (100% Rated):	0 A
				Non-Cont. Current @ 100%:	0 A
				Continuous Current @ 125%:	0 A
				Total Est. Demand Current (80% Rated):	0 A

Legend:
FCB: Feeder Circuit Breaker
GFI: GFCI Circuit Breaker
LOCK: Lockable Circuit Breaker
MCB: Main Circuit Breaker
MCCB: Molded Case Circuit Breaker
MLO: Main Lug Only

Notes:

Branch Panel: L2S2

Location: STORAGE A226C **Volts:** 208Y/120 **A.I.C. Rating:**
Supply From: L2S1 **Phases:** 3 **MLO / MCB:** MLO
Mounting: **Wires:** 4 **FCB / MCB Rating:** 200 A

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

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Est. Demand:	0 VA
				Total Est. Demand Current (100% Rated):	0 A
				Non-Cont. Current @ 100%:	0 A
				Continuous Current @ 125%:	0 A
				Total Est. Demand Current (80% Rated):	0 A

Legend:
FCB: Feeder Circuit Breaker
GFI: GFCI Circuit Breaker
LOCK: Lockable Circuit Breaker
MCB: Main Circuit Breaker
MCCB: Molded Case Circuit Breaker
MLO: Main Lug Only

Notes:

Branch Panel: L3S2

Location: STORAGE A325C **Volts:** 208Y/120 **A.I.C. Rating:**
Supply From: L3S1 **Phases:** 3 **MLO / MCB:** MLO
Mounting: **Wires:** 4 **FCB / MCB Rating:** 200 A

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

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Est. Demand:	0 VA
				Total Est. Demand Current (100% Rated):	0 A
				Non-Cont. Current @ 100%:	0 A
				Continuous Current @ 125%:	0 A
				Total Est. Demand Current (80% Rated):	0 A

Legend:
FCB: Feeder Circuit Breaker
GFI: GFCI Circuit Breaker
LOCK: Lockable Circuit Breaker
MCB: Main Circuit Breaker
MCCB: Molded Case Circuit Breaker
MLO: Main Lug Only

Notes:

DESIGNED:	Designer	ISSUE DATE:	PROJECT ISSUE DATE
DRAWN:	Author	REVISIONS: No.: DATE: BY: DESCRIPTION:	
CHECKED:	Checker		

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