Power Panel: L1N1

Location: CHAPEL THEATER A145 **Volts:** 208Y/120 **A.I.C. Rating:**
Supply From: MSWBDN **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 B	2	20 A	30254 VA	
4	UNIT C	2	20 A	29447 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	L1N2	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: L2N1

Location: STORAGE A209C **Volts:** 208Y/120 **A.I.C. Rating:**
Supply From: MSWBDN **Phases:** 3 **MLO / MCB:** MCB
Mounting: **Wires:** 4 **FCB / MCB Rating:** SEE XMFR SCHEDULE

CKT	Circuit Description	# of Poles	Trip Rating	Load	Remarks
1					
2	UNIT C	2	20 A	29447 VA	
3					
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					
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 B	2	20 A	30254 VA	
12	UNIT B	2	20 A	30254 VA	
13	UNIT C	2	20 A	29447 VA	
14					
15	UNIT C	2	20 A	29447 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 C	2	20 A	29447 VA	
20	UNIT C	2	20 A	29447 VA	
21	UNIT B	2	20 A	30254 VA	
22					
23					
24	L2N2	3	20 A	0 VA	
25					
				503260 VA	
				1397 A	

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
MULTIFAMILY_OPTIONAL	503260 VA	39.00%	196271 VA	Total Est. Demand:	196271 VA
				Total Est. Demand Current (100% Rated):	545 A
				Non-Cont. Current @ 100%:	545 A
				Continuous Current @ 125%:	0 A
				Total Est. Demand Current (80% Rated):	545 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: L3N1

Location: STORAGE A309C **Volts:** 208Y/120 **A.I.C. Rating:**
Supply From: MSWBDN **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 G	2	20 A	30443 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 D	2	20 A	29687 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 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 B	2	20 A	30254 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	L3N2	3	20 A	0 VA	
25					
				685084 VA	
				1902 A	

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
MULTIFAMILY_OPTIONAL	685084 VA	36.00%	246630 VA	Total Est. Demand:	246630 VA
				Total Est. Demand Current (100% Rated):	685 A
				Non-Cont. Current @ 100%:	685 A
				Continuous Current @ 125%:	0 A
				Total Est. Demand Current (80% Rated):	685 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: L1N2

Location: CHAPEL THEATER A145 **Volts:** 208Y/120 **A.I.C. Rating:**
Supply From: L1N1 **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: L2N2

Location: STORAGE A209C **Volts:** 208Y/120 **A.I.C. Rating:**
Supply From: L2N1 **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: L3N2

Location: STORAGE A309C **Volts:** 208Y/120 **A.I.C. Rating:**
Supply From: L3N1 **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: DES
DRAWN: DRW
CHECKED: CHK

ISSUE DATE: PROJECT ISSUE DATE
REVISIONS:
No.: DATE: BY: DESCRIPTION:

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PANEL SCHEDULES - NORTH

PROJECT NO.:

E801

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