

Order Plans



Volts: 480/277V Wye  
Phases: 3  
Wires: 4  
Mounting: Recessed  
Enclosure: Type 1

Panel: 1LSH  
Mains: LUGS  
Amperage: 225 A  
MCB Rating:

CKT	Circuit Description	Rating	Poles	Type	Notes	Load Type	A	B	C	Load Type	CKT	Type	Notes	Rating	Circuit Description	CKT
1	EMERG LTG - 1ST FLR	20A	1		0.8	A	0.2 kVA	0.8 kVA			E	2.9	1	20A	EMERG LTG - 8TH FLR	2
3	EMERG LTG - 1ST FLR	20A	1		4.3	E		1.2 kVA	0.8 kVA		E	2.9	1	20A	EMERG LTG - 8TH FLR	4
5	EXIT SIGNS - 1ST FLR	20A	1		0.4	E			0.1 kVA	0.1 kVA	E	0.4	1	20A	EXIT SIGNS - 8TH FLR	6
7	EMERG LTG - 2ND FLR	20A	1		2.9	E	0.8 kVA	0.1 kVA			E	0.4	1	20A	EMERG LTG - PH	8
9	EMERG LTG - 2ND FLR	20A	1		2.9	E		0.8 kVA	0.1 kVA		E	0.4	1	20A	LTG - FIRE COMMAND	10
11	EXIT SIGNS - 2ND FLR	20A	1		0.4	E			0.1 kVA	0.5 kVA	E	1.8	1	20A	EXTERIOR BLDG LTG	12
13	EMERG LTG - 3RD FLR	20A	1		2.9	E	0.8 kVA	0.3 kVA			E	1.1	1	20A	GENERATOR AREA LTG	14
15	EMERG LTG - 3RD FLR	20A	1		2.9	E		0.8 kVA	0.5 kVA		E	1.8	1	20A	STAIRWAY LTG	16
17	EXIT SIGNS - 3RD FLR	20A	1		0.4	E			0.1 kVA	0.5 kVA	E	1.8	1	20A	STAIRWAY LTG	18
19	EMERG LTG - 4TH FLR	20A	1		2.9	E	0.8 kVA	0.0 kVA					1	20A	SPARE	
21	EMERG LTG - 4TH FLR	20A	1		2.9	E		0.8 kVA	0.0 kVA				1	20A	SPARE	
23	EXIT SIGNS - 4TH FLR	20A	1		0.4	E			0.1 kVA	0.0 kVA			1	20A	SPARE	
25	EMERG LTG - 5TH FLR	20A	1		2.9	E	0.8 kVA	0.0 kVA					1	20A	SPARE	
27	EMERG LTG - 5TH FLR	20A	1		2.9	E		0.8 kVA	0.0 kVA				1	20A	SPARE	
29	EXIT SIGNS - 5TH FLR	20A	1		0.4	E			0.0 kVA	0.0 kVA			1	20A	SPARE	
31	EMERG LTG - 6TH FLR	20A	1		2.9	E	0.8 kVA	0.0 kVA								
33	EMERG LTG - 6TH FLR	20A	1		2.9	E		0.8 kVA	0.0 kVA		E	0.0	3	20A	SPD	
35	EXIT SIGNS - 6TH FLR	20A	1		0.4	E			0.1 kVA	0.0 kVA						
37	EMERG LTG - 7TH FLR	20A	1		2.9	E	0.8 kVA	5.3 kVA								
39	EMERG LTG - 7TH FLR	20A	1		2.9	E		0.8 kVA	5.3 kVA		E	19.2	3	20A	PANEL 1LSL VIA TRANSFORMER T1LS	
41	EXIT SIGNS - 8TH FLR	20A	1		0.4	E			0.1 kVA	5.3 kVA						
							<b>kVA</b>	11.5 kVA	12.7 kVA	7.1 kVA						
							<b>AMPS</b>	44 A	48 A	26 A						

Type	Description	Connected Load	Demand...	Estimated...	Panel Totals
A	Interior Lighting	0 kVA	125.00%	0 kVA	
B	Exterior Lighting	0 kVA	0.00%	0 kVA	
C	Comfort Cooling	0 kVA	0.00% + 25% Largest...	0 kVA	<b>Total Connected kVA: 31 kVA</b>
D	Comfort Heating	0 kVA	0.00%	0 kVA	<b>Total Estimated Amps: 31 kVA</b>
E	Miscellaneous Motor	31 kVA	100.00%	31 kVA	
F	Kitchen Equipment	0 kVA	0.00%	0 kVA	
G	Receptacles	0 kVA	0.00%	0 kVA	

Volts: 208/120V Wye  
Phases: 3  
Wires: 4  
Mounting: Recessed  
Enclosure: Type 1

Panel: HL3  
Mains: LUGS  
Amperage: 100 A  
MCB Rating:

CKT	Circuit Description	Rating	Poles	Type	Notes	Load Type	A	B	C	Load Type	CKT	Type	Notes	Rating	Circuit Description	CKT
1	ex. 2ND FL WATER HEATER	20A	2			E	2.3 kVA	0.3 kVA			E	14.2	1	20A	ex. VF 1-1	2
3						E		2.3 kVA	1.7 kVA		E	14.2	1	20A	ex. VF 1-2	4
5	ex. 4TH FL WATER HEATER	20A	2			E			2.3 kVA	1.7 kVA	E	1.7	1	20A	ex. VF 1-3	6
7						E					E	5.8	1	20A	ex. VF 1-4	8
9	ex. 6TH FL WATER HEATER	20A	2			E			2.3 kVA	0.2 kVA	E	1.7	1	20A	ex. VF 2-1	10
11						E			2.3 kVA	0.2 kVA	E	1.7	1	20A	ex. VF 3-1	12
13	ex. 8TH FL WATER HEATER	20A	2			E	2.3 kVA	0.2 kVA			E	1.7	1	20A	ex. VF 4-1	14
15						E		2.3 kVA	0.2 kVA		E	1.7	1	20A	ex. VF 5-1	16
17	ex. 2ND FLR - RECIRC. PUMP	20A	1			E			0.5 kVA	0.2 kVA	E	1.7	1	20A	ex. VF 6-1	18
19	ex. 4TH FLR - RECIRC. PUMP	20A	1			E	0.5 kVA	0.2 kVA			E	1.7	1	20A	ex. VF 7-1	20
21	ex. 6TH FLR - RECIRC. PUMP	20A	1			E		0.5 kVA	0.2 kVA		E	1.7	1	20A	ex. VF 8-1	22
23	ex. 8TH FLR - RECIRC. PUMP	20A	1			E			0.5 kVA	0.2 kVA	E	1.7	1	20A	ex. MOD-1/MOD-2	24
25	ex. 1ST FLR - HEAT TRACE	20A	1			E	1.0 kVA	0.0 kVA							SPACE	26
27	ex. 2ND FLR - HEAT TRACE	20A	1			E		1.0 kVA	0.0 kVA						SPACE	28
29	ELECTRIC WATER HEATER (DWH-1)	20A	2			F			0.0 kVA	0.0 kVA					SPACE	30
31						F	0.0 kVA	0.0 kVA							SPACE	32
33	WATER HEATER RECIRC. PUMP (P-1)	20A	1			F		0.0 kVA	0.0 kVA						SPACE	34
35	SPARE	20A	1						0.0 kVA	0.0 kVA					SPACE	36
37	SPARE	20A	1				0.0 kVA	0.0 kVA							SPACE	38
39	SPARE	20A	1					0.0 kVA	0.0 kVA						SPACE	40
41	SPARE	20A	1						0.0 kVA	0.0 kVA					SPACE	42
							<b>kVA</b>	9.8 kVA	10.7 kVA	6.4 kVA						
							<b>AMPS</b>	86 A	94 A	53 A						

Type	Description	Connected Load	Demand Factor	Estimated Demand	Panel Totals
A	Interior Lighting	0 kVA	0.00%	0 kVA	
B	Exterior Lighting	0 kVA	0.00%	0 kVA	
C	Comfort Cooling	0 kVA	0.00% + 25% Largest Motor	0 kVA	<b>Total Connected kVA: 27 kVA</b>
D	Comfort Heating	0 kVA	0.00%	0 kVA	<b>Total Connected Amps: 75 A</b>
E	Miscellaneous Motor	27 kVA	100.00%	27 kVA	<b>Total Estimated kVA: 27 kVA</b>
F	Kitchen Equipment	0 kVA	0.00%	0 kVA	<b>Total Estimated Amps: 75 A</b>
G	Receptacles	0 kVA	0.00%	0 kVA	<b>Non-Coincident Heating/Cooling Load: 0 A</b>
					<b>Total Estimated Amps - Non-Coincident Loads: 75 A</b>

**fusion**

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ISSUANCE/REVISIONS

△	ISSUE FOR PERMIT	08/19/19
△	REV 1 PER CITY	08/21/19
△	REV 2 PER CITY	08/21/19
△	REV 3 PER CITY	08/26/19
△	REV 4 PER CITY	08/29/19
△	REV 5 PER CLIENT AND ISSUE FOR BID	08/30/19

**SEAL**  
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Signed 08.30.2019

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Date	07.23.2019

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