

Order Plans

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PANEL: A (SECT. 1)

VOLTAGE & PHASE: 120/208Y-3Ø
MOUNTING: SURFACE

AC RATING: 50KVA
AMPERAGE: 400A
MAIN: MLO

DESCRIPTION	KVA	BKR	PHASE	BKR	KVA	DESCRIPTION
EMERGENCY LIT	0.1	20/1	1	A	2	RTU-01
EXTERIOR LIGHT	0.1	20/1	3	B	4	-----
CONTRACTOR	0.1	20/1	5	C	6	-----
OT REC- SERVICE ON ROOF	0.4	20/1	7	A	8	RTU-02
AIR CURTAIN	0.5	20/1	9	B	10	-----
REC- EXTERIOR	0.4	20/1	11	C	12	-----
SPACE			13	A	14	SPACE
SPACE			15	B	16	SPACE
SPACE			17	C	18	SPACE
SPACE			19	A	20	SPACE
SPACE			21	B	22	SPACE
SPACE			23	C	24	SPACE
SPACE			25	A	26	SPACE
SPACE			27	B	28	SPACE
SPACE			29	C	30	SPACE
SPACE			31	A	32	SPACE
SPACE			33	B	34	SPACE
SPACE			35	C	36	SPACE
SPACE			37	A	38	SPACE
SPACE			39	B	40	SPACE
SPACE			41	C	42	SPACE

EXISTING LOAD	CONNECTED	D.F.	DEMAND	KVA LOAD PER PHASE:
COOLING:	0.0	x 1.00	0.0	PHASE A: 99.6%
HEATING:	0.0	x 0.00	0.0	PHASE B: 101.1%
KITCHEN:	0.0	PER NEC 220.56	0.0	PHASE C: 99.3%
LIGHTING:	0.2	x 1.25	0.3	
MOTORS:	0.5	x 1.00	0.5	
LARGEST MOTOR	0.0	PER NEC 220.18(A)	0.0	HIGHEST PHASE LOAD
OTHER:	0.1	x 1.00	0.1	78.5 AMPERES
RECEPTACLES:	0.7	PER NEC 220.44	0.7	
	CONNECTED KVA		DEMAND KVA:	
	27.9		28.0	
	AVERAGE CONNECTED AMPS		DEMAND AMPS:	
	77.8		77.7	

NOTES:
(1) - ROUTE THRU CONTACTOR FOR TIMELOCK ON/TIMELOCK OFF OPERATION.

NOTE: CONTRACTOR SHALL PROVIDE SEPARATE NEUTRALS OR HANDLE TIES ON MULTIWIRE BRANCH CIRCUITS [NEC 210.4 (B)]

PANEL: A (SECT. 2)

VOLTAGE & PHASE: 120/208Y-3Ø
MOUNTING: SURFACE

AC RATING: 50KVA
AMPERAGE: 400A
MAIN: MLO

DESCRIPTION	KVA	BKR	PHASE	BKR	KVA	DESCRIPTION
SPACE			43	A	44	SPACE
SPACE			45	B	46	SPACE
SPACE			47	C	48	SPACE
SPACE			49	A	50	SPACE
SPACE			51	B	52	SPACE
SPACE			53	C	54	SPACE
SPACE			55	A	56	SPACE
SPACE			57	B	58	SPACE
SPACE			59	C	60	SPACE
SPACE			61	A	62	SPACE
SPACE			63	B	64	SPACE
SPACE			65	C	66	SPACE
SPACE			67	A	68	SPACE
SPACE			69	B	70	SPACE
SPACE			71	C	72	SPACE
SPACE			73	A	74	SPACE
SPACE			75	B	76	SPACE
SPACE			77	C	78	SPACE
SPACE			79	A	80	SPACE
SPACE			81	B	82	SPACE
SPACE			83	C	84	SPACE

EXISTING LOAD	CONNECTED	D.F.	DEMAND	KVA LOAD PER PHASE:
COOLING:	0.0	x 0.00	0.0	PHASE A: 0.0%
HEATING:	0.0	x 0.00	0.0	PHASE B: 0.0%
KITCHEN:	0.0	PER NEC 220.56	0.0	PHASE C: 0.0%
LIGHTING:	0.0	x 1.25	0.0	
MOTORS:	0.0	x 1.00	0.0	
LARGEST MOTOR	0.0	PER NEC 220.18(A)	0.0	HIGHEST PHASE LOAD
OTHER:	0.0	x 1.00	0.0	0.0 AMPERES
RECEPTACLES:	0.0	PER NEC 220.44	0.0	
	CONNECTED KVA		DEMAND KVA:	
	0.0		0.0	
	AVERAGE CONNECTED AMPS		DEMAND AMPS:	
	0.0		0.0	

NOTES:

NOTE: CONTRACTOR SHALL PROVIDE SEPARATE NEUTRALS OR HANDLE TIES ON MULTIWIRE BRANCH CIRCUITS [NEC 210.4 (B)]

PANEL: A (SECT. 3)

VOLTAGE & PHASE: 120/208Y-3Ø
MOUNTING: SURFACE

AC RATING: 50KVA
AMPERAGE: 400A
MAIN: MLO

DESCRIPTION	KVA	BKR	PHASE	BKR	KVA	DESCRIPTION
SPACE			85	A	86	SPACE
SPACE			87	B	88	SPACE
SPACE			89	C	90	SPACE
SPACE			91	A	92	SPACE
SPACE			93	B	94	SPACE
SPACE			95	C	96	SPACE
SPACE			97	A	98	SPACE
SPACE			99	B	100	SPACE
SPACE			101	C	102	SPACE
SPACE			103	A	104	SPACE
SPACE			105	B	106	SPACE
SPACE			107	C	108	SPACE
SPACE			109	A	110	SPACE
SPACE			111	B	112	SPACE
SPACE			113	C	114	SPACE
SPACE			115	A	116	SPACE
SPACE			117	B	118	SPACE
SPACE			119	C	120	SPACE
SPACE			121	A	122	SPACE
SPACE			123	B	124	SPACE
SPACE			125	C	126	SPACE

EXISTING LOAD	CONNECTED	D.F.	DEMAND	KVA LOAD PER PHASE:
COOLING:	0.0	x 0.00	0.0	PHASE A: 0.0%
HEATING:	0.0	x 0.00	0.0	PHASE B: 0.0%
KITCHEN:	0.0	PER NEC 220.56	0.0	PHASE C: 0.0%
LIGHTING:	0.0	x 1.25	0.0	
MOTORS:	0.0	x 1.00	0.0	
LARGEST MOTOR	0.0	PER NEC 220.18(A)	0.0	HIGHEST PHASE LOAD
OTHER:	0.0	x 1.00	0.0	0.0 AMPERES
RECEPTACLES:	0.0	PER NEC 220.44	0.0	
	CONNECTED KVA		DEMAND KVA:	
	0.0		0.0	
	AVERAGE CONNECTED AMPS		DEMAND AMPS:	
	0.0		0.0	

NOTES:

NOTE: CONTRACTOR SHALL PROVIDE SEPARATE NEUTRALS OR HANDLE TIES ON MULTIWIRE BRANCH CIRCUITS [NEC 210.4 (B)]

PANEL: HP (NEMA 3R)

VOLTAGE & PHASE: 120/208Y-3Ø
MOUNTING: SURFACE

AC RATING: 35KVA
AMPERAGE: 100A
MAIN: MCB

DESCRIPTION	KVA	BKR	PHASE	BKR	KVA	DESCRIPTION
EXTERIOR LIGHTING (1)	0.7	20/1	1	A	2	LIT-RISER ROOM
EXTERIOR LIGHTING (1)	0.5	20/1	3	B	4	FW-01
CONTRACTOR	0.1	20/1	5	C	6	-----
SPACE			7	A	8	SPACE
SPACE			9	B	10	SPACE
SPACE			11	C	12	SPACE
SPACE			13	A	14	SPACE
SPACE			15	B	16	SPACE
SPACE			17	C	18	SPACE

EXISTING LOAD	CONNECTED	D.F.	DEMAND	KVA LOAD PER PHASE:
COOLING:	0.0	x 0.00	0.0	PHASE A: 65.4%
HEATING:	0.0	x 0.00	0.0	PHASE B: 133.5%
KITCHEN:	0.0	PER NEC 220.56	0.0	PHASE C: 100.8%
LIGHTING:	1.3	x 1.25	1.7	
MOTORS:	0.0	x 1.00	0.0	
LARGEST MOTOR	0.0	PER NEC 220.18(A)	0.0	HIGHEST PHASE LOAD
OTHER:	3.1	x 1.00	3.1	17.7 AMPERES
RECEPTACLES:	0.0	PER NEC 220.44	0.0	
	CONNECTED KVA		DEMAND KVA:	
	4.4		4.8	
	AVERAGE CONNECTED AMPS		13.2	

NOTES:
(1) - ROUTE THRU CONTACTOR FOR PHOTOCELL ON/TIMELOCK OFF OPERATION.

NOTE: CONTRACTOR SHALL PROVIDE SEPARATE NEUTRALS OR HANDLE TIES ON MULTIWIRE BRANCH CIRCUITS [NEC 210.4 (B)]



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FOR CONSTRUCTION

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DATE PERMIT REVIEW: 5/2/18

DRAWING REVISION NO. DATE REVISION'S

1 5/2/18

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ELECTRICAL
PANEL SCHEDULES

100