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REVISIONS

MARK	DATE

SHEET NAME
ELECTRICAL SCHEDULES

PROJECT NO. 2018-16

DATE SEPTEMBER 28, 2018

SHEET NO.

E8.0

PANELBOARD SCHEDULE													
MARK: EXISTING PANEL MDP													
CKT #	LOAD DESCRIPTION	BREAKER		PHASE (kVA)			PHASE (kVA)			BREAKER		LOAD DESCRIPTION	CKT #
		P	TRIP	A	B	C	A	B	C	TRIP	P		
1	SPACE											2	
3	MAIN BUILDING	3	200									4	
5	SPACE											6	
7	SPACE	1										8	
9	SPACE	1								100	3	10	
11	SPACE	1										12	
13	NEW ADDITION	2	100									14	
15	SPACE											16	
17	SHUNT TRIP SPACE	1										18	
19	SPACE											20	
21	EXISTING PANEL P	3	200									22	
23	SPACE											24	

TOTAL (kVA) ØA _____ ØB _____ ØC _____ HIGH PHASE (AMPS) _____
TOTAL CONNECTED LOAD (kVA) _____ TOTAL LOAD (AMPS) _____

CREATE A DIRECTORY TO INDICATE INSTALLED LOADS. INDICATE LOAD TYPE (REC, LTG, AHU-1, ETC.) AND ROOM NUMBERS SERVED FOR EVERY BRANCH CIRCUIT.

PANELBOARD SCHEDULE													
MARK: NEW PANEL MDP													
CKT #	LOAD DESCRIPTION	BREAKER		PHASE (kVA)			PHASE (kVA)			BREAKER		LOAD DESCRIPTION	CKT #
		P	TRIP	A	B	C	A	B	C	TRIP	P		
1	SPACE											2	
3	MAIN BUILDING	3	200									4	
5	SPACE											6	
7	SPACE	1										8	
9	SPACE	1										10	
11	SPACE	1								100	3	12	
13	NEW ADDITION	2	100									14	
15	SPACE											16	
17	SPACE	1										18	
19	SPACE											20	
21	NEW PANEL P1	3	200							200	3	22	
23	SPACE											24	

TOTAL (kVA) ØA _____ ØB _____ ØC _____ HIGH PHASE (AMPS) _____
TOTAL CONNECTED LOAD (kVA) _____ TOTAL LOAD (AMPS) _____

CREATE A DIRECTORY TO INDICATE INSTALLED LOADS. INDICATE LOAD TYPE (REC, LTG, AHU-1, ETC.) AND ROOM NUMBERS SERVED FOR EVERY BRANCH CIRCUIT.

THE ELECTRICAL CONTRACTOR IS TO LABEL/MARK THIS PANEL IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE ARTICLE 110.15.

PANELBOARD SCHEDULE													
MARK: NEW PANEL P1													
CKT #	LOAD DESCRIPTION	BREAKER		PHASE (kVA)			PHASE (kVA)			BREAKER		LOAD DESCRIPTION	CKT #
		P	TRIP	A	B	C	A	B	C	TRIP	P		
1	OFFICES 110 & 111	1	20	1.8			1.2			20	1	2	
3	HIGH LEG DO NOT USE											4	
5	ELECTRIC WATER COOLER *	1	20			0.2			0.2	20	1	6	
7	CORRIDOR RECEPTACLES	1	20	1.6			0.8			20	1	8	
9	HIGH LEG DO NOT USE											10	
11	TIME CLOCK	1	20			0.2			0.5	20	1	12	
13	CORRIDOR 117	1	20	0.6			0.6			20	1	14	
15	HIGH LEG DO NOT USE											16	
17	CONFERENCE ROOM RECEPTACLES	1	20			1.2			0.4	20	1	18	
19	RECEPTION DESK COUNTER REC.	1	20	0.6			0.2			20	1	20	
21	HIGH LEG DO NOT USE											22	
23	ATTIC & EXTERIOR LIGHTING	1	20			0.2			0.4	20	1	24	
25	RCP-1 & GFWH-1	1	20	1			0.4			20	1	26	
27	AHU-1	2	50			8.2				50	2	28	
29						8.2			2.7			30	
31	SERVICE RECEPTACLE	1	20	0.2			2.7					32	
33	HIGH LEG DO NOT USE								1.0	20		34	
35	OFFICE BREAKROOM & R.R. LTS.	1	20			0.4				20		36	
37	FILE ROOM & OFFICE 121	1	20	1.6			1.4			20		38	
39	HIGH LEG DO NOT USE											40	
41	MEN & WOMEN RESTROOMS	1	20			0.4			0.2	1		42	

TOTAL (kVA) ØA 7.4 ØB 8.2 ØC 10.8 HIGH PHASE (AMPS) 7.3 1.0
TOTAL CONNECTED LOAD (kVA) 14.7 TOTAL LOAD (AMPS) 40.1 135.0 111.3

CREATE A DIRECTORY TO INDICATE INSTALLED LOADS. INDICATE LOAD TYPE (REC, LTG, AHU-1, ETC.) AND ROOM NUMBERS SERVED FOR EVERY BRANCH CIRCUIT.

* THIS CIRCUIT SHALL BE GIVEN A GFCI BREAKER.
THE ELECTRICAL CONTRACTOR IS TO LABEL/MARK THIS PANEL IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE ARTICLE 110.15.

LIGHTING FIXTURES

SEE LIGHTING FIXTURE SCHEDULE FOR SYMBOLS AND DESCRIPTIONS. THE FIXTURE MARK IN AN ENCLOSED SPACE WITH SIMILAR FIXTURES WILL APPLY TO ALL FIXTURES IN THE SPACE.

MARK	MANUFACTURER AND CATALOG NUMBER	LAMPS			TOTAL WATTS	VOLTAGE	MOUNTING	NOTES
		TYPE	#	WATTS				
	LITHONIA	LED	1	29	29	MVOLT	WALL MOUNTED	LED WALL MOUNTED FIXTURE WITH BATTERY BACKUP
	MRW P2 40K SR3 MVOLT PIR DDBTXD	LED	1	28	28	MVOLT	WALL MOUNTED	4' LED STRIP FIXTURE MOUNTED ABOVE THE DOOR
SF	W4L 30L EZ1 LP835	LED	1	40	40	120	SURFACE	LED DECORATIVE FIXTURE NOT TO EXCEED 40 WATTS
C	LITHONIA	LED	1	35	35	MVOLT	RECESSED	LED RECESSED CAN FIXTURE WITH BATTERY BACKUP
F22	LDN6 35/ 30 L08 WR LD MVOLT E21 E10WCP	LED	1	30	30	MVOLT	RECESSED	2X2 LED RECESSED TROFFER WITH BATTERY BACKUP
F4	LITHONIA	LED	1	34	34	MVOLT	RECESSED	2X4 LED RECESSED TROFFER WITH BATTERY BACKUP
F2	LITHONIA	LED	1	25	25	MVOLT	RECESSED	2X4 LED RECESSED TROFFER WITH BATTERY BACKUP
EM	2TL4 30L FW A19 E21 LP835 EL7L	LED	1	15	15	120/277	SURFACE	LED SURFACE MOUNTED EMERGENCY FIXTURE
EX	LITHONIA	LED	1	1	1	120/277	SURFACE	SURFACE MOUNTED LED EXIT FIXTURE
EMEX	LITHONIA	LED	1	5	5	120/277	SURFACE	LED SURFACE MOUNTED EXIT AND EMERGENCY COMBO FIXTURE

NOTES: FIXTURES WITH HALF FILLED IN CENTER SHALL BE PROVIDED WITH AN EMERGENCY BALLAST, 1100 LUMENS OR THE MAXIMUM AVAILABLE FOR THE FIXTURE.

Order Plans