

**EXISTING PANEL 'LF2'**

PANEL: LF2		3PH,4W												MLO: 0 AMPS	
AIC RATING: EXIST														MCB: 100 AMPS	
SERVICE: 120/208 V.															
DESCRIPTION	KVA	BKR	CKT	A	B	C	CKT	BKR	KVA	DESCRIPTION					
DN REC; COSMETOLOGY	1	20	1				2	20	0.3	REC; WP, GFI	E				
DN REC; COSMETOLOGY	1	20	3				4	20	0.5	A/C; AH902	E				
R REC; COSMETOLOGY	1	20	5				6	20	1	A/C; HP902	E				
R REC; COSMETOLOGY	1	20	7				8	20	1	EQ; HAND DRYER	E				
R REC; COSMETOLOGY	1	20	9				10	20	1	EQ; HAND DRYER	E				
E REC; DRYER	2	2P	11				12	20	1	EQ; HAND DRYER	E				
E REC; DRYER	2	3P	13				14	20	1	EQ; HAND DRYER	E				
E REC; WASHER	0.9	20	15				16	20	1	EQ; HAND DRYER	E				
E REC; MECH, BATHRM	1	20	17				18	20	1	EQ; HAND DRYER	E				
E REC; CONF, IT, BATHRM	1	20	19				20	20	1	EQ; HAND DRYER	E				
E REC; EWC	0.3	20	21				22	20	1	REC; COSMETOLOGY	R				
E REC; COMMONS, CLASSRM	0.7	20	23				24	20	1	REC; COSMETOLOGY	N				
E REC; EWC	0.3	20	25				26	20	1	REC; COSMETOLOGY	N				
E REC; CLASSRM 207, 208	0.7	20	27				28	20	1	REC; COSMETOLOGY	N				
E REC; CLASSRM 205, 206	0.7	20	29				30	20	1	REC; COSMETOLOGY	N				
N REC; COSMETOLOGY	1	20	31				32	20	1	REC; COSMETOLOGY	N				
N REC; COSMETOLOGY	1	20	33				34	20	1	REC; COSMETOLOGY	N				
N REC; COSMETOLOGY	1	20	35				36	20	1	REC; COSMETOLOGY	N				
E EQ; SPD	0	3P	37				38	20	1	REC; COSMETOLOGY	N				
E EQ; SPD	0	3P	39				40	20	1	REC; COSMETOLOGY	N				
E EQ; SPD	0	"	41				42	"	0	SPACE	E				
A PH = 12.60				B PH = 11.40				C PH = 12.40							
SERVES	CONN LOAD	FACTOR	FEED	DIVERSITY	KVAD	PANEL KVAD									
LIGHTING	0.00	x 1.25	= 0.00	x											
RECEPT	27.90	x *	= 18.95	x											
MISC EQUIP	7.00	x 1.00	= 7.00	x											
A/C	1.50	x 1.00	= 1.50	x											
HEATING	0.00	x 1.00	= 0.00	x											
LARGEST MOTOR	0.00	x 1.25	= 0.00	x											
OTHER MOTORS	0.00	x 1.00	= 0.00	x											
OTHER	0.00	x 1.00	= 0.00	x											
SPARE			= 8.53												
<b>TOTALS</b>	<b>36.40</b>	<b>KVA</b>			<b>35.98</b>	<b>KVA</b>									

\* PER N.E.C. TABLE 220.44

**ABBREVIATIONS:**

E = EXISTING CIRCUIT TO REMAIN.  
 N = NEW BREAKER AND CIRCUIT. PROVIDE REQUIRED MOUNTING HARDWARE AND FILLER PLATES.  
 R = REUSE EXISTING CIRCUIT BREAKER TO FEED NEW LOAD. PROVIDE NEW CONDUIT AND WIRE AS REQUIRED.  
 DN = REMOVE EXISTING CIRCUIT BREAKER AND PROVIDE NEW BREAKER, CONDUIT AND WIRE.

**EXISTING PANEL 'HF2'**

PANEL: HF2		3PH,4W												MLO: 0 AMPS	
AIC RATING: EXIST														MCB: 300 AMPS	
SERVICE: 277/480 V.															
DESCRIPTION	KVA	BKR	CKT	A	B	C	CKT	BKR	KVA	DESCRIPTION					
E LTG; EXTERIOR	0.4	20	1				2	3P	9	A/C; AH901	E				
E LTG; CLASSRM 207, 208	2.4	20	3				4	40	9	A/C; AH901	E				
E LTG; COMMONS AREA	3.2	20	5				6	"	9	A/C; AH901	E				
E LTG; CLASSRM 205, 206	2.1	20	7				8	3P	0.2	EQ; EF10	E				
E A/C; CU913	3	3P	9				10	20	0.2	EQ; EF10	E				
E A/C; CU913	3	20	11				12	"	0.2	EQ; EF10	E				
E A/C; CU913	3	"	13				14	3P	11	A/C; CU801B	E				
E A/C; CU911	8.5	3P	15				16	60	11	A/C; CU801B	E				
E A/C; CU911	8.5	50	17				18	"	11	A/C; CU801B	E				
E A/C; CU911	8.5	"	19				20	3P	8.5	A/C; CU904	E				
E A/C CU901	8.5	3P	21				22	50	8.5	A/C; CU904	E				
E A/C CU901	8.5	50	23				24	"	8.5	A/C; CU904	E				
E A/C CU901	8.5	"	25				26	3P	16	A/C; CU801A	E				
E SPACE	0	"	27				28	90	16	A/C; CU801A	E				
E SPACE	0	"	29				30	"	16	A/C; CU801A	E				
E SPACE	0	"	31				32	3P	6.6	EQ; EWH	N				
E SPACE	0	"	33				34	30	6.6	EQ; EWH	N				
E SPACE	0	"	35				36	"	6.6	EQ; EWH	N				
E EQ; TVSS	0	3P	37				38	"	0	SPACE	E				
E EQ; TVSS	0	3P	39				40	"	0	SPACE	E				
E EQ; TVSS	0	"	41				42	"	0	SPACE	E				
A PH = 73.80				B PH = 73.70				C PH = 74.50							
SERVES	CONN LOAD	FACTOR	FEED	DIVERSITY	KVAD	PANEL KVAD									
LIGHTING	8.10	x 1.25	= 10.13	x											
RECEPT	0.00	x *	= 0.00	x											
MISC EQUIP	20.40	x 1.00	= 20.40	x											
A/C	193.50	x 1.00	= 193.50	x											
HEATING	0.00	x 1.00	= 0.00	x											
LARGEST MOTOR	0.00	x 1.25	= 0.00	x											
OTHER MOTORS	0.00	x 1.00	= 0.00	x											
OTHER	0.00	x 1.00	= 0.00	x											
SPARE			= 25.10												
<b>TOTALS</b>	<b>222.00</b>	<b>KVA</b>			<b>249.12</b>	<b>KVA</b>									

\* PER N.E.C. TABLE 220.44


**NOTE:**

ALL PANELBOARDS SHALL BE ACCURATELY LABELED AND NUMBERED TO IDENTIFY FINAL CIRCUIT NUMBERS UTILIZED, THEIR LOAD AND LOCATION.

**ELECTRICAL PANEL SCHEDULES**  
 NOT TO SCALE

REVISIONS	DATE
REVISION	05/09/22

Coral Shores High School  
 Cosmetology Alterations  
 Monroe County School District  
 241 Trumbo Road - Key West, Florida 33040



BUILDING BRIDGES  
 TO SUCCESS

ELECTRICAL PANEL SCHEDULES

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AGI

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