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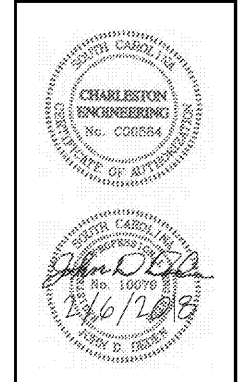
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Checked by: DEEDEN

Notes:
BIDDING DOCUMENTS
Not for Construction
Revisions:

ELECTRICAL SCHEDULES
E211

PANEL SCHEDULE MDP

277/480 VOLT, 3 PHASE, 4 WIRE, 10,000 A/C, 600 A MAIN LUGS ONLY SURFACE MOUNTED

CKT	DESCRIPTION	VA	TRIP	KVA			TRIP	VA	DESCRIPTION	CKT
				A	B	C				
1	PANEL L	9883	125/3	21.68			90/3	11793	PANEL PA	2
3	---	9386	---	21.18			---	11793	---	4
5	---	9356	---			21.75	---	11793	---	6
7	PANEL M	44251	200/3	52.36			90/3	8107	PANEL PB	8
9	---	39751	---	47.86			---	8107	---	10
11	---	31431	---			39.54	---	8107	---	12
13	RTU-1	18666	90/3	27.67			50/3	9000	WATER HEATER	14
15	---	18666	---	27.67			---	9000	---	16
17	---	18666	---			27.67	---	9000	---	18
19	RTU-2	18666	90/3	18.67					SPACE	20
21	---	18666	---	18.67					SPACE	22
23	---	18666	---			18.67			SPACE	24
25	SPACE								SPACE	26
27	SPACE								SPACE	28
29	SPACE								SPACE	30

TOTAL CONNECTED KVA 343
TOTAL CONNECTED AMPS 413

PANEL SCHEDULE L

277/480 VOLT, 3 PHASE, 4 WIRE, 10,000 A/C, 125 A MAIN LUGS ONLY SURFACE MOUNTED

CKT	DESCRIPTION	VA	TRIP	KVA			TRIP	VA	DESCRIPTION	CKT
				A	B	C				
1	LIGHTING	557	20/1	4.45			20/1	3888	LIGHTING	2
3	LIGHTING	1107	20/1		5.00		20/1	3888	LIGHTING	4
5	LIGHTING	2208	20/1			6.10	20/1	3888	LIGHTING	6
7	LIGHTING	983	20/1	4.87			20/1	3888	LIGHTING	8
9	LIGHTING	2225	20/1		2.92		20/1	694	LIGHTING	10
11	LIGHTING	1453	20/1			2.02	20/1	567	LIGHTING	12
13	LIGHTING	567	20/1	0.57			20/1		SPARE	14
15	LIGHTING	1472	20/1		1.47		20/1		SPARE	16
17	LIGHTING	1840	20/1			1.84	20/1		SPARE	18
19	SPARE		20/1				20/1		SPARE	20
21	SPARE		20/1				20/1		SPARE	22
23	SPACE								SPACE	24
25	SPACE								SPACE	26
27	SPACE								SPACE	28
29	SPACE								SPACE	30

TOTAL CONNECTED KVA 29
TOTAL CONNECTED AMPS 81

PANEL SCHEDULE M

277/480 VOLT, 3 PHASE, 4 WIRE, 10,000 A/C, 200 A MAIN LUGS ONLY SURFACE MOUNTED

CKT	DESCRIPTION	VA	TRIP	KVA			TRIP	VA	DESCRIPTION	CKT
				A	B	C				
1	RTU-3	3333	25/3	8.83			40/3	5500	RTU-8	2
3	---	3333	---		8.83		---	5500	---	4
5	---	3333	---			8.83	---	5500	---	6
7	RTU-4	4000	25/3	7.33			25/3	3333	RTU-9	8
9	---	4000	---		7.33		---	3333	---	10
11	---	4000	---			7.33	---	3333	---	12
13	RTU-5	3666	30/3	7.00			30/3	3333	RTFAU	14
15	---	3666	---		7.00		---	3333	---	16
17	---	3666	---			7.00	---	3333	---	18
19	RTU-6	3333	25/3	4.33			20/3	1000	ERV-1	20
21	---	3333	---		4.33		---	1000	---	22
23	---	3333	---			4.33	---	1000	---	24
25	RTU-7	3933	25/3	12.25			40/1	8320	---	26
27	---	3933	---		12.25		40/1	8320	---	28
29	---	3933	---			3.93	---		SPACE	30
31	WATER HEATER	4500	30/1	4.50					SPACE	32
33	SPACE								SPACE	34
35	SPACE								SPACE	36
37	SPACE								SPACE	38
39	SPACE								SPACE	40
41	SPACE								SPACE	42

TOTAL CONNECTED KVA 115
TOTAL CONNECTED AMPS 139

PANEL SCHEDULE PA

120/208 VOLT, 3 PHASE, 4 WIRE, 10,000 A/C, 200 A MAIN CIRCUIT BREAKER (2 SECTION PANEL) SURFACE MOUNTED

CKT	DESCRIPTION	VA	TRIP	KVA			TRIP	VA	DESCRIPTION	CKT
				A	B	C				
1	RECEPTACLES	540	20/1	1.54			20/1	1000	BASKETBALL GOAL	2
3	DISHWASHER	1200	20/1		2.20		20/1	1000	BASKETBALL GOAL	4
5	FIRE SPRINKLER BELL	100	20/1			1.10	20/1	1000	BASKETBALL GOAL	6
7	HOOD	1000	20/1	2.00			20/1	1000	BASKETBALL GOAL	8
9	RECEPTACLES	360	20/1		1.36		20/1	1000	BASKETBALL GOAL	10
11	RECEPTACLES	360	20/1			1.36	20/1	1000	BASKETBALL GOAL	12
13	RECEPTACLES	180	20/1	2.68			40/2	2500	DISHWASHER	14
15	RECEPTACLES	180	20/1		2.68		---	2500	---	16
17	RECEPTACLES	360	20/1			0.36	20/1		SPARE	18
19	RECEPTACLES	540	20/1	0.72			20/1	180	RECEPTACLES	20
21	RECEPTACLES	720	20/1		1.26		20/1	540	RECEPTACLES	22
23	RECEPTACLES	540	20/1			1.26	20/1	720	RECEPTACLES	24
25	RECEPTACLES	180	20/1	1.08			20/1	900	ROOF RECEPTACLES	26
27	HAND DRYER	1500	20/1		4.00		50/2	2500	STOVE	28
29	RECEPTACLES	180	20/1			2.68	---	2500	---	30
31	HAND DRYER	1500	20/1	1.70			20/1	200	IRRIGATION CONTROLLER	32
33	RECEPTACLES	540	20/1		0.74		20/1*	500	FACP	34
35	RECEPTACLES	900	20/1			1.90	20/1	1000	GEN BATTERY CHARGER	36
37	RECEPTACLES	540	20/1	1.54			20/1	1000	GEN HEATER	38
39	RECEPTACLES	720	20/1		1.22		20/1	500	SCOREBOARD	40
41	SIGN LIGHTING	80	20/1			1.08	15/2	1000	ERV	42
43	FLAG POLE LIGHTING	65	20/1	1.07			---	1000	---	44
45	SPARE		20/1				20/1		SPARE	46
47	SPARE		20/1				20/1		SPARE	48
49	SPARE		20/1				20/1		SPARE	50
51	SPARE		20/1				20/1		SPARE	52
53	SPARE		20/1				20/1		SPARE	54
55	SPARE		20/1				20/1		SPARE	56
57	SPARE		20/1				20/1		SPARE	58
59	SPARE		20/1				20/1		SPARE	60

* PROVIDE RED LOCKABLE CIRCUIT BREAKER FOR FACP.
TOTAL CONNECTED KVA 36
TOTAL CONNECTED AMPS 99

PANEL SCHEDULE PB

120/208 VOLT, 3 PHASE, 4 WIRE, 10,000 A/C, 200 A MAIN CIRCUIT BREAKER (2 SECTION PANEL) SURFACE MOUNTED

CKT	DESCRIPTION	VA	TRIP	KVA			TRIP	VA	DESCRIPTION	CKT
				A	B	C				
1	HAND DRYER	1500	20/1	2.04			20/1	540	RECEPTACLES	2
3	RECEPTACLES	360	20/1		0.72		20/1	360	RECEPTACLES	4
5	HAND DRYER	1500	20/1			2.04	20/1	540	RECEPTACLES	6
7	RECEPTACLES	180	20/1	0.90			20/1	720	RECEPTACLES	8
9	HAND DRYER	1500	20/1		2.22		20/1	720	RECEPTACLES	10
11	RECEPTACLES	360	20/1			0.54	20/1	180	RECEPTACLES	12
13	RECEPTACLES	540	20/1	0.72			20/1	180	RECEPTACLES	14
15	RECEPTACLES	180	20/1		0.36		20/1	180	RECEPTACLES	16
17	DRYER	2000	30/2			2.18	20/1	180	RECEPTACLES	18
19	---	2000	---	2.18			20/1	180	RECEPTACLES	20
21	WASHER	1500	20/1		2.04		20/1	540	RECEPTACLES	22
23	RECEPTACLES	540	20/1			0.90	20/1	180	RECEPTACLES	24
25	RECEPTACLES	360	20/1	0.72			20/1	360	RECEPTACLES	26
27	RECEPTACLES	540	20/1		2.04		20/1	1500	HAND DRYER	28
29	RECEPTACLES	540	20/1				20/1	180	RECEPTACLES	30
31	RECEPTACLES	540	20/1	0.72			20/1	180	RECEPTACLES	32
33	RECEPTACLES	360	20/1		0.54		20/1	1500	HAND DRYER	34
35	RECEPTACLES	360	20/1			0.72	20/1	360	RECEPTACLES	36
37	RECEPTACLES	360	20/1	0.72			20/1	360	RECEPTACLES	38
39	RECEPTACLES		20/1		0.54		20/1	360	RECEPTACLES	40
41	WATER HEATER	2000	20/1			0.56	20/1	360	RECEPTACLES	42
43	TELEPHONE BACKBOARD	360	20/1	0.20			20/1	200	RECIRCULATING PUMP	44
45	SPARE		20/1				20/1		SPARE	46
47	SPARE		20/1				20/1		SPARE	48
49	SPARE		20/1				20/1		SPARE	50
51	SPARE		20/1				20/1		SPARE	52
53	SPARE		20/1				20/1		SPARE	54
55	SPARE		20/1				20/1		SPARE	56
57	SPARE		20/1				20/1		SPARE	58
59	SPARE		20/1				20/1		SPARE	60

TOTAL CONNECTED KVA 24
TOTAL CONNECTED AMPS 68

LIGHTING FIXTURE SCHEDULE

FIXTURE LETTER	DESCRIPTION	MANUFACTURER (OR EQUAL)	CATALOG NUMBER	VOLTAGE	LAMPS
A	HI BAY LED	HE WILLIAMS	GC-L250/840-PR-DIM-UNV	277	25,000 LUMEN LED
A1	HI BAY LED	HE WILLIAMS	GC-L120/840-PR-DIM-UNV	277	12,000 LUMEN LED
B	LAY-IN DIRECT/INDIRECT LED	HE WILLIAMS	LT 24 L52/835 AF DIM UNV	277	5,200 LUMEN LED
BP	SAME AS ABOVE EXCEPT WITH EMERGENCY BATTERY PACK	HE WILLIAMS	LT 24 L52/835 AF EM/10W DIM UNV	277	5,200 LUMEN LED
B1	2 X 4 LAY-IN DIRECT/INDIRECT LED	HE WILLIAMS	LT 24 L40/835 AF DIM UNV	277	4,000 LUMEN LED
D	RECESS LED LIGHT	HE WILLIAMS	L60TL-L15/835-CS-DRV-277	277	1,500 LUMEN LED
DE	SAME AS ABOVE EXCEPT WITH EMERGENCY BATTERY PACK	HE WILLIAMS	L60TL-L15/835-CS-EM/BSL17C/1-DRV-277	277	1,500 LUMEN LED
E	HIGH BAY 4 HEAD EMERGENCY BATTERY PACK	KENALL	METEL 40L MW 4 6.5L DT	277	(3) 30W PAR36 LED
EA	2 HEAD EMERGENCY BATTERY PACK	HE WILLIAMS	EMER/CP/ADJ/LED-WHT	277	LED
F	WALL MOUNT EXTERIOR CUTOFF SCENCE	HE WILLIAMS	VMPH LED18/740 T3 DBZ 277	277	1,800 LUMEN LED
FE	SAME AS ABOVE EXCEPT WITH EMERGENCY BATTERY PACK	HE WILLIAMS	VMPH LED18/740 T3 DBZ EM/BSL722LT 277	277	1,800 LUMEN LED
G	EXTERIOR CANOPY	HE WILLIAMS	VGI-LED60/740-T5-SM-DBZ-EDD+PH-277	277	6,000 LUMEN LED
GE	SAME AS ABOVE EXCEPT WITH EMERGENCY BATTERY PACK	HE WILLIAMS	VGI-LED60/740-T5-SM-DBZ-EDD+PH-277 W/ INVERTER	277	6,000 LUMEN LED
H	SHOWER LIGHT	HE WILLIAMS	LSL60-L40C/835-DGL-DRV-277	277	900 LUMEN LED
J	LED SURFACE WRAP	HE WILLIAMS	17-4-L55/835 AF DRV UNV	277	