LOCATED IN ADMINISTRATION BUILDING 01 ELEC CLOSET

EXISTING PANEL SCHEDULE

MARK L1

120/208 VOLTS: 3 PHASE: 4 WIRE: MAINS 225A MCB

CKT NO	DEVICE AMP TRIP	DEVICE POLES		CONN. LOAD (WATTS) ØA	ØB	ØC	DEM. %	DEM. WATTS	COND	WIRE
1	20	1	GENERAL RECEPTACLE	1020			100	1020		
3	20	1	GENERAL RECEPTACLE		1020		100	1020		
5	20	1	GENERAL RECEPTACLE			1020	100	1020		
7	20	1	GENERAL RECEPTACLE	1020			100	1020		
9	20	1	GENERAL RECEPTACLE		1020		100	1020		
11	20	1	GENERAL RECEPTACLE			1020	100	1020		
13	20	1	GENERAL RECEPTACLE	1020			100	1020		
15	20	1	SPARE							
17	20	1	SPARE							
19	20	1	VAULT RECEPTACLE		400		100	400		
21	20	1	RECEPTION RECEPTACLE			400	100	400		
23	20	1	TOILET EXHAUST FANS	1250			100	1250		
25	20	1	PRODUCTION RM. RECEPTACLE		750		100	750		
27	20	1	ELECTRIC CLOSET RECEPTACLE			300	100	300		
29	30	2	EWH	2251			100	4500		
31					2250					
33	20	1	VACUUM CLEANERS			1200	100	1200		
35	20	1	DATA PROCESSING RECEPTACLE	1000			100	1000		
37	20	1	GENERAL RECEPTACLE		1020		100	1020		
39	25	2	EWH	1150			100	2300		
41					1150					
43										
2	20	1	GENERAL RECEPTACLE	1020			100	1020		
4	20	1	GENERAL RECEPTACLE		1020		100	1020		
6	20	1	GENERAL RECEPTACLE			1020	100	1020		
8	20	1	GENERAL RECEPTACLE	1020			100	1020		
10	20	1	GENERAL RECEPTACLE		1020		100	1020		
12	20	1	GENERAL RECEPTACLE			1020	100	1020		
14	20	1	SPARE							
16	20	1	SPARE		3163		100	3163		
18	20	1	SECRETARY RECEPTACLE			400	100	400		
20	20	1	TOILET EXHAUST FANS	1280			100	1280		
22	20	1	MASTER CLOCK RECEPTACLE		500		100	500		
24	20	1	PRODUCTION RM. RECEPTACLE			750	100	750		
26	20	1	TELEPHONE BACKBOARD	500			100	500		
28	20	1	FLOOR CLEANERS		1000		100	1000		
30	20	1	FLOOR CLEANERS			1000	100	1000		
32	20	1	GENERAL RECEPTACLE	1020			100	1020		
34	40	2	ACCU 1-2A *		3000		100	6000	1"	8
36						3020				
38										
40										
42										
			TOTALS							

A.I.C. RATING EXISTING
MOUNTING SURF

TOTAL CONNECTED ____ W
TOTAL DEMAND 47800 W
TOTAL AMPS 113 A

* NOTE: PROVIDE NEW BREAKER, CONDUIT, AND WIRE FOR POWER FOR NEW HVAC EQUIPMENT.

LOCATED IN ELECTRICAL RM, MEDIA CENTER BUILDING

EXISTING PANEL SCHEDULE

MARK H3

277/480 VOLTS: 3 PHASE: 4 WIRE: MAINS 150A MCB

CKT NO	DEVICE AMP TRIP	DEVICE POLES		CONN. LOAD (WATTS) ØA	ØB	ØC	DEM. %	DEM. WATTS	COND	WIRE
1	20	1	GENERAL LIGHTING	1500			100	1500		
3	20	1	GENERAL LIGHTING		1500		100	1500		
5	20	1	GENERAL LIGHTING			1500	100	1500		
7	20	1	GENERAL LIGHTING	1500			100	1500		
9	70	3	TRANSFORMER T7		15000		100	45000		
11						15000				
13				15000						
15	20	3	AHU-20 FAN *		1000		100	3000	3/4"	10
17						1000				
19				1033						
21	20	3	AHU-21 HEAT *		2600		100	7800	3/4"	10
23					2600					
25				2600						
27	40	3	RTU *		7600		100	22800	1"	8
29						7600				
31				7593						
33										
35										
37										
39										
41										
2	20	1	GENERAL LIGHTING	1500			100	1500		
4	20	1	GENERAL LIGHTING		1500		100	1500		
6	20	1	GENERAL LIGHTING			1500	100	1500		
8	20	1	EXTERIOR LIGHTING	1500			100	1500		
10	20	3	AHU-21 FAN *		1000		100	3000	3/4"	10
12						1000				
14				1000						
16			SPARE							
18	20	1	SPARE							
20	20	1	SPARE							
22	20	3	AHU-20 HEAT *		2600		100	7800	3/4"	10
24						2600				
26				2600						
28										
30										
32										
34										
36										
38										
40										
42										
			TOTALS							

A.I.C. RATING EXISTING
MOUNTING SURF

TOTAL CONNECTED ____ W
TOTAL DEMAND ____ W
TOTAL AMPS ____ A

* NOTE: PROVIDE NEW BREAKER, CONDUIT, AND WIRE FOR POWER FOR NEW HVAC EQUIPMENT.

LOCATED IN BUILDING 04 ELECTRICAL ROOM 413

EXISTING PANEL SCHEDULE

MARK L4

120/208 VOLTS: 3 PHASE: 4 WIRE: MAINS 225A MCB

CKT NO	DEVICE AMP TRIP	DEVICE POLES		CONN. LOAD (WATTS) ØA	ØB	ØC	DEM. %	DEM. WATTS	COND	WIRE
1	20	1	GENERAL RECEPTACLE	1280			100	1280		
3	20	1	GENERAL RECEPTACLE		1280		100	1280		
5	20	1	GENERAL RECEPTACLE			1280	100	1280		
7	20	1	GENERAL RECEPTACLE	1280			100	1280		
9	20	1	GENERAL RECEPTACLE		1280		100	1280		
11	20	1	GENERAL RECEPTACLE			1280	100	1280		
13	20	1	GENERAL RECEPTACLE	1280			100	1280		
15	20	1	GENERAL RECEPTACLE		1280		100	1280		
17	20	1	GENERAL RECEPTACLE			1280	100	1280		
19	20	1	EXTERIOR RECEPTACLE	650			100	650	1/2"	12
21	20	1	CORRIDOR		720		100	720		
23	20		SPARE							
25	20	1	COMPUTER RECEPTACLE	1080			100	1080		
27	20	1	COMPUTER RECEPTACLE		1080		100	1080		
29	20	1	COMPUTER RECEPTACLE			1080	100	1080		
31	20	1	COMPUTER RECEPTACLE	1080			100	1080		
33	20	1	RWC **		300		100	300		
35	20	1	RWC			300	100	300		
37	20	1	TOILET EXHAUST FANS	1200			100	1200		
39	20	1	PULL CHAIN RECEPTACLE		1000		100	1000		
41	20	1	REFRIGERATOR (SCIENCE)			1000	100	1000		
43										
2	20	1	GENERAL RECEPTACLE	1280			100	1280		
4	20	1	GENERAL RECEPTACLE		1280		100	1280		
6	20	1	GENERAL RECEPTACLE			1280	100	1280		
8	20	1	GENERAL RECEPTACLE	1280			100	1280		
10	20	1	GENERAL RECEPTACLE		1280		100	1280		
12	20	1	GENERAL RECEPTACLE			1280	100	1280		
14	20	1	GENERAL RECEPTACLE	1280			100	1280		
16	20	1	GENERAL RECEPTACLE		1280		100	1280		
18	20	1	GENERAL RECEPTACLE			1280	100	1280		
20	20	1	EXTERIOR RECEPTACLE	650			100	650		
22	20	1	FLOOR POLISHER		2200		100	2200		
24	20	1	COMPUTER RECEPTACLE			1080	100	1080		
26	20	1	COMPUTER RECEPTACLE	1080			100	1080		
28	20	1	COMPUTER RECEPTACLE		1080		100	1080		
30	20	1	COMPUTER RECEPTACLE			1080	100	1080		
32	20	2	ACCU-4-1A *	1200			100	2400		10
34			**		1200					
36	20	1	TELEPHONE EQUIPMENT			400	100	400		
38	20	1	TOILET EXHAUST FANS	1200			100	1200		
40	30	1	EWH *		4500		100	4500		
42										
			TOTALS							

A.I.C. RATING EXISTING
MOUNTING SURF

TOTAL CONNECTED ____ W
TOTAL DEMAND 45900 W
TOTAL AMPS 113 A

* NOTE: PROVIDE NEW BREAKER, CONDUIT, AND WIRE FOR POWER FOR NEW HVAC EQUIPMENT.
** NOTE: MOVE EXISTING BREAKER TO SPACE

LOCATED IN BLDG. 2 ELEC ROOM 204B

EXISTING PANEL SCHEDULE

MARK L2- SECTION 1

120/208 VOLTS: 3 PHASE: 4 WIRE: MAINS 225A MCB

CKT NO	DEVICE AMP TRIP	DEVICE POLES		CONN. LOAD (WATTS) ØA	ØB	ØC	DEM. %	DEM. WATTS	COND	WIRE
1	20	1	GENERAL RECEPTACLE	1400			100	1400		
3	20	1	GENERAL RECEPTACLE		1200		100	1200		
5	20	1	GENERAL RECEPTACLE			1500	100	1500		
7	20	1	GENERAL RECEPTACLE	1200			100	1200		
9	20	1	GENERAL RECEPTACLE		1200		100	1200		
11	20	1	GENERAL RECEPTACLE			700	100	700		
13	20	1	GENERAL RECEPTACLE	700			100	700		
15	20	1	SPARE							
17	20	1	SPARE							
19	20	1	GENERAL RECEPTACLE	1180			100	1180		
21	20	1	GENERAL RECEPTACLE		1180		100	1180		
23	20	1	SPARE							
25	20	1	SPARE							
27	20	1	GENERAL RECEPTACLE		1180		100	1180		
29	20	1	SPARE							
31	20	1	SPARE							
33	20	1	ELECTRIC WATER COOLER		1200		100	1200		
35	60	2	RANGE			6000	100	12000		
37				6000						
39	20	1	EXH. FAN		675		100	675		
41	20	1	EXH. FAN			675	100	675		
2	20	1	GENERAL RECEPTACLE	1200			100	1200		
4	20	1	GENERAL RECEPTACLE		1200		100	1200		
6	20	1	GENERAL RECEPTACLE			1200	100	1200		
8	20	1	GENERAL RECEPTACLE	1200			100	1200		
10	20	1	GENERAL RECEPTACLE		700		100	700		
12	20	1	GENERAL RECEPTACLE			700	100	700		
14	60	2	KILN	5220			100	10440		
16					5220					
18	20	1	GENERAL RECEPTACLE			1180	100	1180		
20	20	1	GENERAL RECEPTACLE	1180			100	1180		
22	20	1	GENERAL RECEPTACLE				100	180		
24	20	1	SPARE							
26	20	1	SPARE							
28	20	1	GENERAL RECEPTACLE		1180		100	1180		
30	20	1	SPARE							
32	20	1	COMPUTER RECEPTACLE	500			100	500		
34	20	1	REFRIGERATOR				100	1200		
36	20	1	EXTERIOR RECEPTACLE			600	100	600		
38	20	1	SCREEN MOTOR	1200			100	1200		
40	20	1	EXH. FAN		675		100	675		
42	20	1	EXH. FAN			378	100	476		
			TOTALS							

A.I.C. RATING EXISTING
MOUNTING SURF

TOTAL CONNECTED ____ W
TOTAL DEMAND 72400 W
TOTAL AMPS 201 A

* NOTE: PROVIDE NEW BREAKER, CONDUIT, AND WIRE FOR POWER FOR NEW EQUIPMENT.

LOCATED IN BLDG. 2 ELEC ROOM 204B

EXISTING PANEL SCHEDULE

MARK L2- SECTION 2

120/208 VOLTS: 3 PHASE: 4 WIRE: MAINS 225A MCB

CKT NO	DEVICE AMP TRIP	DEVICE POLES		CONN. LOAD (WATTS) ØA	ØB	ØC	DEM. %	DEM. WATTS	COND	WIRE
1	20	1	REFRIGERATOR	1200			100	1200		
3	20	1	VENDING MACHINE		1000		100	1000		
5	30	2	EWH			2250	100	4500		
7				2250						
9	20	1	IC MODELS		1200		100	1200		
11	20	1	KILN EXHAUST			800	100	800		
13	20	1	STAGE LIGHTS	1000			100	1000		
15	20	1	STAGE LIGHTS		1000		100	1000		
17	20	2	WHEELCHAIR LIFT *	700			100	1400		
19					700					
21										
23										
25										
27										
29										
31										
33										
35										
37										
39										
41										
2	20	1	VENDING MACHINE	1000			100	1000		
4	20	1	FLOOR POLISHER			2200	100	2200		
6	20	1	J-BOX OUTDOOR	1200			100	1200		
8	20	1	CAFETERIA AMPLIFIER		1000		100	1000		
10	20	1	TRACK LIGHTS			1000	100	1000		
12	20	1	COMPUTER RECEPTACLES	1000			100	1000		
14										
16										
18										
20										
22										
24										
26										
28										
30										
32										
34										
36										
38										
40										
42										
			TOTALS							

A.I.C. RATING EXISTING
MOUNTING SURF

TOTAL CONNECTED ____ W
TOTAL DEMAND 72400 W
TOTAL AMPS 201 A

* NOTE: PROVIDE NEW BREAKER, CONDUIT, AND WIRE FOR POWER FOR NEW EQUIPMENT.

HAMMOND & ASSOCIATES, INC.
CONSULTING ENGINEERS
7348 NW 5TH STREET
PLANTATION, FLORIDA 33317
TEL: (954) 327-7111 FAX (954) 327-7154
ERIC J. HAMMOND P.E.
MECHANICAL / ELECTRICAL ENGINEER
P.E. #39048
EB 5315

CRAIN ATLANTIS ENGINEERING, INC.
CONSULTING ENGINEERS & ARCHITECTS
218 SW NATURA AVENUE
DEERFIELD BEACH, FLORIDA 33441
(954) 971-0411
AA 26001858 EB - 27486

COPYRIGHT 2014 CRAIN ATLANTIS ENGINEERING, INC.

REVISIONS

1	02/23/18	BUILDING DEPARTMENT COMMENTS
2	07/10/18	BUILDING DEPARTMENT COMMENTS

SEA CASTLE ELEMENTARY SCHOOL
9600 MIRAMAR BOULEVARD
MIRAMAR, FLORIDA 33025

THE SCHOOL BOARD OF BROWARD COUNTY

ELECTRICAL PANEL SCHEDULES CONTD.

JOB PHASE: 100% SUBMITTAL
SBBC PROJECT: P.001832
DATE: 12.13.16
SCALE: AS SHOWN
DRAWN BY: HA
CHECKED BY: E.H.
CAE PROJECT No. 2015.55

FL. LIC. ERIC J. HAMMOND LICENSE No. 39048 STATE OF FLORIDA PROFESSIONAL ENGINEER
ERIC HAMMOND
PROFESSIONAL ENGINEER
SEAL

DRAWING No.
E-501

THIS IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, TO ALTER THESE PLANS AND SPECIFICATIONS. THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SHALL NOT BE USED OR REPRODUCED, OR ITS CONTENTS DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF CRAIN ATLANTIS ENGINEERING, INC.

RECEIVED
JUL 18 2018
BUILDING DEPARTMENT
BCPS

Bid Documents Only
Not For Construction

Order Plans @ WWW.LDILine.com