PANELBOARD SCHEDULE

PANEL NAME: MDP
LOCATION: MECH / ELEC 202
SOURCE: ATS
MOUNTING: Surface
VOLTS: 120/208 Wye
PHASES: 3
WIRES: 4
ENCLOSURE: Type 1
A.I.C. RATING: 33,000
MAINS RATING: 600 A
MAINS TYPE: MAIN CIRCUIT BREAKER

CKT NO.	CIRCUIT DESIGNATION	TRIP	POLES	A	B	C	POLES	TRIP	CIRCUIT DESIGNATION	CKT NO.
1	OACU-1	15 A	2	300 VA / 4000 VA			2	50 A	REC - LOBBY PORCH SPECIAL PURPOSE.	2
3					300 VA / 4000 VA					4
5	REC - STAGE SPECIAL PURPOSE	50 A	2			4000 VA / 4000 VA	2	50 A	REC - STAGE SPECIAL PURPOSE.	6
7				4000 VA / 4000 VA						8
9	REC - STAGE SPECIAL PURPOSE	50 A	2		4000 VA / 3330 VA					10
11						4000 VA / 3330 VA	3	40 A	AH-1 ELEC. HEAT	12
13	HP-1	60 A	3	3650 VA / 3330 VA						14
15					3650 VA / 3840 VA					16
17						3650 VA / 3840 VA	3	40 A	AH-1	18
19	HP-2	70 A	3	5280 VA / 3840 VA						20
21					5280 VA / 0 VA		--	--	SPACE	22
23						5280 VA / 0 VA	--	--	SPACE	24
25	OA-1	70 A	3	6720 VA / 0 VA			--	--	SPACE	26
27					6720 VA / 0 VA		--	--	SPACE	28
29						6720 VA / 0 VA	--	--	SPACE	30
31	SPACE	--	--	0 VA / 0 VA			--	--	SPACE	32
33	SPACE	--	--		0 VA / 0 VA		--	--	SPACE	34
35	SPACE	--	--			0 VA / 0 VA	--	--	SPACE	36
37	PANEL 'C'	100 A	3	3330 VA / 12040 VA						38
39					3590 VA / 11660 VA		3	200 A	PANEL 'A'	40
41						3500 VA / 12060 VA				42
	TOTAL PHASE LOAD:			50490 VA	46372	50388				
	TOTAL PHASE CURRENT:			426 A	386 A	425 A				

PANEL TOTALS
TOTAL CONNECTED LOAD: 148530
TOTAL CONNECTED CURRENT: 412 A

PANELBOARD SCHEDULE

PANEL NAME: A
LOCATION: ELECTRICAL / IT 117
SOURCE: MDP
MOUNTING: Surface
VOLTS: 120/208 Wye
PHASES: 3
WIRES: 4
ENCLOSURE: Type 1
A.I.C. RATING: 10,000
MAINS RATING: 200 A
MAINS TYPE: MAIN CIRCUIT BREAKER

CKT NO.	CIRCUIT DESIGNATION	TRIP	POLES	A	B	C	POLES	TRIP	CIRCUIT DESIGNATION	CKT NO.
1	EXTERIOR LIGHTING	20 A	1	50 VA / 180 VA			1	20 A	EXTERIOR SIGNAGE LIGHTING	2
3	EF-3	15 A	1		70 VA / 180 VA		1	20 A	RECP. - MAIL/COPY/PRINT - COPIER	4
5	FACP	20 A	1			100 VA / 180 VA	1	20 A	RECP.-ELECTRICAL/IT 117	6
7	DOOR HARDWARE	20 A	1	200 VA / 350 VA			1	20 A	ATTIC LIGHTS	8
9	EF-1, EF-2	15 A	1		200 VA / 600 VA		1	20 A	RECP-WATER COOLER 2	10
11	DOOR HARDWARE	20 A	1			300 VA / 500 VA	1	20 A	LTG.-CORRIDOR & VESTIBULE	12
13	RECPS.-BREAKROOM	20 A	1	540 VA / 720 VA			1	20 A	RECPS.-RECEPTION 101	14
15	LTG.-LOBBY,SMALL CONF,....	20 A	1		740 VA / 900 VA		1	20 A	RECPS.-MAIL 112 & WORK 114	16
17	RECPS.-EXTERIOR	20 A	1			720 VA / 790 VA	1	20 A	LTG.-116,117,118,&119	18
19	RECPS.-MAIL 112 & WORK 114	20 A	1	900 VA / 940 VA			1	20 A	LTG.-OFFICES 104 thru	20
21	RECP. - BREAKROOM 119 - COFFEE	20 A	1		1200 VA / 100 VA		1	20 A	HAND DRYER - WOMEN'S 110	22
23	LTG.-113,114,115,&120	20 A	1			940 VA / 1200 VA	1	20 A	RECP. - BREAKROOM 119	24
25	RECPS. - 102 & LOBBY 100	20 A	1	1260 VA / 160 VA						26
27	RECPS. - LOBBY 100 - TV	20 A	1		180 VA / 160 VA			15 A	VRV SYSTEM - [illegible] SELECTOR	28
29	RECP.-GARBAGE DISPOSAL...	20 A	1			1440 VA / 1440 VA	1	20 A	RECP-REFRIGERATOR BREAKROOM...	30
31	IT ROOM	30 A	2	250 VA / 330 VA			2	30 A	FCU-11, CU-11	32
33					250 VA / 330 VA					34
35	LAV. AF. - MEN'S 118 & WOMEN'S 116	20 A	1			100 VA / 180 VA	1	20 A	SECURITY PANEL	36
37	HAND DRYER - MEN'S 118	20 A	1	100 VA / 180 VA			1	20 A	RECP.-TELECOM. CONF RM 102	38
39	FCU-7, FCU-8	15 A	2		330 VA / 500 VA		2	15 A	FCU-6, FCU-5	40
41						330 VA / 500 VA				42
43	RECP.-TELECOM BACKBOARD RM. 117	20 A	1	360 VA / 360 VA			1	20 A	ATTIC RECEPTACLES	44
45	AH-2/CU-2	20 A	2		520 VA / 360 VA		1	20 A	RECP.-TELECOM BACKBOARD RM. 117	46
47						520 VA / 360 VA	1	20 A	RECPS. - BREAK ROOM 119	48
49	FCU-1, FCU-2, FCU-3, FCU-9	15 A	2	630 VA / 2250 VA			2	30 A	WH-1	50
51					630 VA / 2250 VA					52
53	RECPS.-RESTROOMS	20 A	1			540 VA / 1060 VA	1	20 A	RECPS.-CORRIDOR & VESTIBULE	54
55	RECPS.-CONF. ROOM 120	20 A	1	540 VA / 1080 VA			1	20 A	RECPS.-109 & 111	56
57	RECPS.-CONF. ROOM 120	20 A	1		540 VA / 1080 VA		1	20 A	RECPS.-113 & 115	58
59	RECPS.-108 & 110	20 A	1			1080 VA / 0 VA	1	20 A	SPARE	60
61	RECPS.-104 & 106	20 A	1	1080 VA / 0 VA			1	20 A	SPARE	62
63	RECPS.-105 & 107	20 A	1		1080 VA / 0 VA		1	20 A	SPARE	64
65	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	66
67	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	68
69	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	70
71	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	72
73	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	74
	TOTAL PHASE LOAD:			12460 VA	12204	12305				
	TOTAL PHASE CURRENT:			104 A	102 A	103 A				

PANEL TOTALS
TOTAL CONNECTED LOAD: 37042
TOTAL CONNECTED CURRENT: 103 A

PANELBOARD SCHEDULE

PANEL NAME: C
LOCATION: MECH / ELEC 202
SOURCE: MDP
MOUNTING: Surface
VOLTS: 120/208 Wye
PHASES: 3
WIRES: 4
ENCLOSURE: Type 1
A.I.C. RATING: 10,000
MAINS RATING: 100 A
MAINS TYPE: MAIN CIRCUIT BREAKER

CKT NO.	CIRCUIT DESIGNATION	TRIP	POLES	A	B	C	POLES	TRIP	CIRCUIT DESIGNATION	CKT NO.
1	LTG.-EXTERIOR	20 A	1	70 VA / 300 VA			1	20 A	CEILING FANS-SCREEN PORCH	2
3	EF-4	15 A	1		70 VA / 300 VA		1	20 A	MOTOR. SHADES - COUNCIL CHAMB.	4
5	CEILING FANS - COUNCIL CHAMBERS	20 A	1			200 VA / 350 VA	1	20 A	LTG.-UTILITIES	6
7	RECPS.-COUNCIL CHAMBERS...	20 A	1	380 VA / 360 VA			1	20 A	RECP.-MECH/ELEC 202	8
9	REC - TBB - MECH/ELEC 202	20 A	1		360 VA / 360 VA		1	20 A	RECPS.-COUNCIL CHAMBERS TV's	10
11	LTG.-COUNCIL CHAMBERS	20 A	1			690 VA / 1440 VA	1	20 A	AV RACK - STORAGE 201	12
13	RECPS.-COUNCIL CHAMBERS 200	20 A	1	900 VA / 500 VA			2	20 A	GENERATOR BLOCK HEATER	14
15	LTG. - COUNCIL CHAMBERS (COVE)	20 A	1		1180 VA / 500 VA					16
17	NAC PANEL	20 A	1			100 VA / 720 VA	1	20 A	RECPS.-SCREEN PORCH 204, STOR.	18
19	FUTURE IRRIGATION CONTROL PANEL	20 A	1	100 VA / 720 VA			1	20 A	RECPS.-COUNCIL CHAMBER FLOOR...	20
21	GENERATOR BATTERY CHARGER	20 A	1		100 VA / 720 VA		1	20 A	RECPS.-COUNCIL CHAMBER FLOOR...	22
23	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	24
25	SPARE	20 A	1	0 VA / 0 VA			1	20 A	SPARE	26
27	SPARE	20 A	1		0 VA / 0 VA		1	20 A	SPARE	28
29	SPARE	20 A	1			0 VA / 0 VA	1	20 A	SPARE	30
	TOTAL PHASE LOAD:			3330 VA	3595	3505				
	TOTAL PHASE CURRENT:			28 A	30 A	29 A				

PANEL TOTALS
TOTAL CONNECTED LOAD: 10427
TOTAL CONNECTED CURRENT: 29 A

MDP	A
	C

Order Plans @ WWW.LIOLLIO.COM

liollio architecture
147 Wappoo Creek Drive Suite 400
Charleston, SC 29412
P 843.762.2222

DWG CONSULTING ENGINEERS
1088 Ashley Phosphate Road, Suite 250 Charleston, SC 29407
Phone: (843) 556-7141 Fax: (843) 556-7151
www.dwgllc.com

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION DWG, INC. CONSULTING ENGINEERS No.C003649

SOUTH CAROLINA PROFESSIONAL ENGINEER No.29529 DAVID A WILLS JR. 04/03/17

△	Revision Date	Description

Town of James Island

James Island Town Hall

1122/1126 Dills Bluff Road
Charleston, SC.

Project Number:	15169-00
Checked By:	DAW
Drawn By:	MCG
Date:	04/03/17
Scale:	

E050

ELECTRICAL PANEL SCHEDULES

© Copyright 2016. All Rights Reserved. Reproduction, copying, or use of this drawing and designs shown thereon without written consent of Liollio Architecture, Inc. is prohibited and any infringement is subject to legal action.