

Panel:LP-0B

Project Name:STERLING HALL

Project #:00036.010.E001

Description:

Date:

Location:ELEC. CLOSET 003

Fed From:

Smith + Andersen

CCT No.	Connection/Breaker Type - Circuit Description	BKR [A]	Pole s	DF [%]	Estimated Load [VA]	A		B		C		Estimated Load [VA]	DF [%]	Pole s	BKR [A]	Connection/Breaker Type - Circuit Description	CCT No.
1	LTG - STAIR C	20	1	100.0	1103	1103											2
3	LTG - CORRIDOR - C000	20	1	100.0	1399			1399									4
5	LTG - STAIR B	20	1	100.0	210					210							6
7	LTG - FLEXIBLE SPACE 002	20	1	100.0	564	564											8
9	LTG - ELEVATOR E-00	20	1	100.0	32			32									10
11	LTG - SITE LIGHTING PARKING	20	1	100.0	1200					1200							12
13	LTG - SITE LIGHTING PARKING	20	1	100.0	1200	1200											14
15	LTG - SITE LIGHTING PARKING	20	1	100.0	1350			1350									16
17	LTG - SITE LIGHTING WALKWAY	20	1	100.0	714					714							18
19	LTG - SITE LIGHTING	20	1	100.0	900	900											20
21	LTG - SITE LIGHTING WALKWAY	15	1	100.0	663			663									22
23	LTG - SITE LIGHTING NEAR BUILDING	20	1	100.0	224					224							24
25	LTG - STAIR C - 02	15	1	100.0	116	116											26
27																	28
29	LTG - STAIR C - 00	15	1	100.0	9					9							30
31																	32
33	Spare	15	1	--	0			0	0			0	--	1	15	Spare	34
35	Spare	15	1	--	0					0	0	0	--	1	15	Spare	36

Connection/Breaker Type Legend:

BAS - Building Automation Systems	SPD - Surge Protection Device	M - Motor	LTG - Lighting
GFCI - Ground Fault Circuit Interrupter	BLO - Breaker Lock-On Device	D.F. - Demand Factor	HID - High Intensity Discharge Lighting Breaker
AFCI - Arc Fault Circuit Interrupter	R.C. - Relay Controlled	REC - Receptacle	D.C. - Direct Connection

Panel Options: Refer to Panel Notes for selected Options				Panel Totals		Panel Parameters	
1	CSA Enclosure Rating			Estimated Load A [kVA]	3.88 kVA	Voltage	120/208 Wye
2	Feed Through			Estimated Load B [kVA]	3.44 kVA	PHASE:	3
3	Sub Feed			Estimated Load C [kVA]	2.36 kVA	WIRES:	4
4	Main Breaker			Total Est. Demand [kVA]:	9.68 kVA	MAINS [A]:	100 A
5	200% Rated Neutral Bus			Total Conn. Load [kVA]:	9.68 kVA	MAIN BREAKER [A], 1 = not required	1
6	Isolated Ground Bus					I.C. [kA]:	
7	Plug in Breaker			Estimated Current A [A]	33 A		
8	SPD			Estimated Current B [A]	29 A		
				Estimated Current C [A]	20 A		

Notes:

1) Panel Enclosure to be Sprinklerproof.

2) Panels greater than 66 circuits shall be double tub.

3) Surge Protection Device (SPD) to be in a separate barrered enclosure with separate cover.

4) Terminate circuits for BAS in 4"x4" junction box 10' from panel.

ADDENDUM E01

2026.07.22

Panel: LP-1B

Project Name: STERLING HALL

Project #: 00036.010.E001

Description:

Date:

Location: ELECTRICAL 204

Fed From:

Smith + Andersen

CCT No.	Connection/Breaker Type - Circuit Description	BKR [A]	Pole s	DF [%]	Estimated Load [VA]	A		B		C		Estimated Load [VA]	DF [%]	Pole s	BKR [A]	Connection/Breaker Type - Circuit Description	CCT No.				
1	LTG - IT STORAGE 223	20	1	100.0	1103	1103	720					720	100.0	1	20	LTG - WOODEN SLAT CEILING	2				
3	LTG - EXISTING MECH ROOM 110	20	1	100.0	994			994	256			256	100.0	1	20	LTG - STAIR A	4				
5	LTG - RECEPTION ROOM 102	20	1	100.0	1099					1099	637	637	100.0	1	20	LTG - CORRIDOR -C120	6				
7	LTG - STAIR A1 ST-A1	20	1	100.0	202	202	387					387	100.0	1	20	LTG - CLASSROOM 129	8				
9	LTG - MAIN VESTIBULE AND CORRIDOR	20	1	100.0	368			368	321			321	100.0	1	20	LTG - BREAKOUT 128A	10				
11	LTG - ELEVATOR E-00	20	1	100.0	32					32	370	370	100.0	1	20	LTG - CLASSROOM 127	12				
13	LTG - CORRIDOR C101	20	1	100.0	424	424	611					611	100.0	1	20	LTG - STUDENT WASHROOM 126	14				
15	LTG -OFFICE 111 AND 112 AND PRAYER ROOM 113	20	1	100.0	236			236	9			9	100.0	1	15	LTG - STAIR C - 01 & 02	16				
17	LTG - CORRIDOR - C102	20	1	100.0	822					822	139	139	100.0	1	20	LTG - UPPER GROUND HEART SPACE 101	18				
19	LTG - VESTIBULE 114	20	1	100.0	70	70	322					322	100.0	1	20	LTG - HEART SPACE 101	20				
21	LTG - CORRIDOR - C120	20	1	100.0	281			281									22				
23	LTG - ELEV E-00	20	1	100.0	32					32							24				
25	LTG -CLASSROOM 120	20	1	100.0	355	355											26				
27	LTG - BREAKOUT - 121B	20	1	100.0	321			321									28				
29	LTG - CLASSROOM - 122	20	1	100.0	451					451	0	0	--	1	15	Spare	30				
31	LTG - STAFF 130	20	1	100.0	306	306	0					0	--	1	15	Spare	32				
33	LTG - WOODEN SLAT CEILING	20	1	100.0	960			960	0			0	--	1	15	Spare	34				
35	LTG - WOODEN SLAT CEILING	20	1	100.0	780					780	0	0	--	1	15	Spare	36				
Connection/Breaker Type Legend:																					
BAS - Building Automation Systems					SPD - Surge Protection Device					M - Motor					LTG - Lighting						
GFCI - Ground Fault Circuit Interrupter					BLO - Breaker Lock-On Device					D.F. - Demand Factor					HID - High Intensity Discharge Lighting Breaker						
AFCI - Arc Fault Circuit Interrupter					R.C. - Relay Controlled					REC - Receptacle					D.C. - Direct Connection						
Panel Options: Refer to Panel Notes for selected Options										Panel Totals				Panel Parameters							
1	CSA Enclosure Rating				Estimated Load A [kVA]				4.50 kVA				Voltage				120/208 Wye				
2	Feed Through				Estimated Load B [kVA]				3.75 kVA				PHASE:				3				
3	Sub Feed				Estimated Load C [kVA]				4.36 kVA				WIRES:				4				
4	Main Breaker				Total Est. Demand [kVA]:				12.61 kVA				MAINS [A]:				100 A				
5	200% Rated Neutral Bus				Total Conn. Load [kVA]:				12.60 kVA				MAIN BREAKER [A], 1 = not required				1				
6	Isolated Ground Bus												I.C. [kA]:								
7	Plug in Breaker				Estimated Current A [A]				38 A												
8	SPD				Estimated Current B [A]				31 A												
										Estimated Current C [A]				37 A							
Notes:																					
1) Panel Enclosure to be Sprinklerproof.																					
2) Panels greater than 66 circuits shall be double tub.																					
3) Surge Protection Device (SPD) to be in a separate barrered enclosure with separate cover.																					
4) Terminate circuits for BAS in 4"x4" junction box 10' from panel.																					

Panel:LP-2B

Project Name:STERLING HALL

Project #:00036.010.E001

Description:

Date:

Location:ELECTRICAL 204

Fed From:PP-2B

Smith + Andersen

CCT No.	Connection/Breaker Type - Circuit Description	BKR [A]	Pole s	DF [%]	Estimated Load [VA]	A		B		C		Estimated Load [VA]	DF [%]	Pole s	BKR [A]	Connection/Breaker Type - Circuit Description	CCT No.
1	LTG - ELECTRICAL 204	20	1	100.0	90	90											2
3	LTG - CLASSROOM 203	20	1	100.0	1416			1416									4
5	LTG - NEAR VESTIBULE	20	1	100.0	888					888							6
7	LTG - CLASSROOM 208 & 210	20	1	100.0	1416	1416											8
9	LTG - STUDENT WR 207	20	1	100.0	1410			1410									10
11	LTG - MEETING 212	20	1	100.0	608					608							12
13	LTG - BREAKOUT 209A & 209B	20	1	100.0	709	709											14
15	LTG - BREAKOUT 202A & 202B	20	1	100.0	677			677									16
17	LTG - STAIR B	15	1	100.0	245					245							18
19	LTG - L2 MAIN AREA	20	1	100.0	422	422											20
21	LTG - L2 MAIN AREA	20	1	100.0	200			200									22
23	LTG - L2 MAIN AREA	20	1	100.0	535					535							24
25																	26
27																	28
29																	30
31																	32
33	Spare	15	1	--	0			0	0			0	--	1	15	Spare	34
35	Spare	15	1	--	0					0	0	0	--	1	15	Spare	36

Connection/Breaker Type Legend:							
BAS - Building Automation Systems		SPD - Surge Protection Device		M - Motor		LTG - Lighting	
GFCI - Ground Fault Circuit Interrupter		BLO - Breaker Lock-On Device		D.F. - Demand Factor		HID - High Intensity Discharge Lighting Breaker	
AFCI - Arc Fault Circuit Interrupter		R.C. - Relay Controlled		REC - Receptacle		D.C. - Direct Connection	
Panel Options: Refer to Panel Notes for selected Options				Panel Totals		Panel Parameters	
1	CSA Enclosure Rating			Estimated Load A [kVA]	2.64 kVA	Voltage	120/208 Wye
2	Feed Through			Estimated Load B [kVA]	3.70 kVA	PHASE:	3
3	Sub Feed			Estimated Load C [kVA]	2.28 kVA	WIRES:	4
4	Main Breaker			Total Est. Demand [kVA]:	8.62 kVA	MAINS [A]:	100 A
5	200% Rated Neutral Bus			Total Conn. Load [kVA]:	8.62 kVA	MAIN BREAKER [A], 1 = not required	1
6	Isolated Ground Bus					I.C. [kA]:	
7	Plug in Breaker			Estimated Current A [A]	22 A		
8	SPD			Estimated Current B [A]	31 A		
				Estimated Current C [A]	19 A		

Notes:

1) Panel Enclosure to be Sprinklerproof.

2) Panels greater than 66 circuits shall be double tub.

3) Surge Protection Device (SPD) to be in a separate barrered enclosure with separate cover.

4) Terminate circuits for BAS in 4"x4" junction box 10' from panel.

Panel: RP-0A

Project Name: STERLING HALL

Project #: 00036.010.E001

Description:

Date:

Location: ELEC. CLOSET 003

Fed From:

Smith + Andersen

CCT No.	Connection/Breaker Type - Circuit Description	BKR [A]	Pole s	DF [%]	Estimated Load [VA]	A		B		C		Estimated Load [VA]	DF [%]	Pole s	BKR [A]	Connection/Breaker Type - Circuit Description	CCT No.
1	REC - ELEC CLOSET 003	15	1	50.0	150	300	600					300	50.0	1	15	REC - SECURE STORAGE 007	2
3	REC - MAKER SPACE 001	15	1	50.0	375			750	700			350	50.0	1	20	REC - 3D PRINTER	4
5	D.C - FCU-LL-C003	15	2	70.0	248					177	1800	900	50.0	1	20	REC - LAMINATOR	6
7						177	750					375	50.0	1	15	REC - FLEXIBLE SPACE 002	8
9	D.C - FCU-LL-001	15	2	70.0	248			177	300			150	50.0	1	15	REC - AV PROJECTOR	10
11										177	750	375	50.0	1	20	REC - 3D PRINTER	12
13	D.C - FCU-LL-002	15	2	70.0	248	177	1350					675	50.0	1	15	REC - GFCI SPACES	14
15								177	450			225	50.0	1	15	REC - ELEV ROOM	16
17	D.C - BBH-1	15	2	70.0	1400					1000	150	75	50.0	1	20	REC - STAIR B	18
19						1000	50					35	70.0	1	15	[GFCI - 30mA] D.C - TRAP SEAL PRIMER	20
21	REC - GLYCOL FILL STATION	15	1	50.0	75			150	1650			3300	100.0	2	20	D.C - CU-6	22
23	D.C - P-DHWR-1	15	1	7.0	9					125	1650						24
25	D.C - P-SAN-01	15	1	70.0	261	373	50					35	70.0	1	15	D.C - HAND DRYER	26
27	D.C - P-SAN-02	15	1	70.0	261			373	50			35	70.0	1	15	D.C - ADO	28
29	REC - EXTERIOR	15	1	50.0	300					600	50	70	70.0	2	15	D.C - FCU-LL-ELEV	30
31	D.C - HEATING COIL CONTROLLER	15	1	50.0	225	450	50										32
33	REC - AV PROJECTOR	15	1	50.0	150			300	150			75	50.0	1	15	REC - LCD SCREEN	34
35	REC - AV PROJECTOR	15	1	50.0	150					300	300	150	50.0	1	15	REC - CORRIDOR C000	36
37	REC - HK	20	1	50.0	150	300	50					35	70.0	1	15	[GFCI - 30mA] D.C - HEAT TRACE	38
39	REC - ELEVATOR PIT	15	1	50.0	75			150	2400			4800	100.0	2	30	D.C - FFH-ST-B1	40
41	D.C - BAS	15	1	50.0	50					100	2400						42
43	D.C - ELEVATOR POWER	15	1	70.0	350	500	300					150	50.0	1	15	REC - EXTERIOR	44
45	D.C - ELEVATOR CAB LIGHTING	15	1	70.0	140			200	150			75	50.0	1	15	REC - EXTERIOR	46
47	D.C - ELEVATOR CAB SECURITY	15	1	70.0	350					500	50	35	70.0	1	15	D.C - EXTERIOR SIGNAGE LIGHTS	48
49	D.C - ELEVATOR CAB TELECOM	15	1	70.0	350	500											50
51	[GFCI - 30mA] D.C - HEAT TRACE	15	1	70.0	35			50									52
53	D.C - FCU-LL-ELEC	15	2	70.0	58					42	0	0	--	1	15	Spare	54
55						42	0					0	--	1	15	Spare	56
57	D.C - BRANCH SELECTOR	15	1	70.0	175			250	0			0	--	1	15	Spare	58
59	REC - ADULT CHANGE TABLE	20	1	50.0	75					150	0	0	--	1	15	Spare	60
61	D.C - SH MAKER SPACE 001	15	1	70.0	560	800	0					0	--	1	15	Spare	62
63	D.C - SH MAKER SPACE 001	15	1	70.0	420			600	0			0	--	1	15	Spare	64
65	D.C - DGP	15	1	70.0	70					100	0	0	--	1	15	Spare	66

Connection/Breaker Type Legend:

BAS - Building Automation Systems	SPD - Surge Protection Device	M - Motor	LTG - Lighting
GFCI - Ground Fault Circuit Interrupter	BLO - Breaker Lock-On Device	D.F. - Demand Factor	HID - High Intensity Discharge Lighting Breaker
AFCI - Arc Fault Circuit Interrupter	R.C. - Relay Controlled	REC - Receptacle	D.C. - Direct Connection

Panel Options: Refer to Panel Notes for selected Options

				Panel Totals		Panel Parameters	
1	CSA Enclosure Rating			Estimated Load A [kVA]	4.66 kVA	Voltage	120/208 Wye
2	Feed Through			Estimated Load B [kVA]	6.91 kVA	PHASE:	3
3	Sub Feed			Estimated Load C [kVA]	7.60 kVA	WIRES:	4
4	Main Breaker			Total Est. Demand [kVA]:	19.18 kVA	MAINS [A]:	100 A
5	200% Rated Neutral Bus			Total Conn. Load [kVA]:	27.26 kVA	MAIN BREAKER [A], 1 = not required	1
6	Isolated Ground Bus					I.C. [kA]:	
7	Plug in Breaker			Estimated Current A [A]	39 A		
8	SPD			Estimated Current B [A]	58 A		
				Estimated Current C [A]	64 A		

Notes:

- 1) Panel Enclosure to be Sprinklerproof.
2) Panels greater than 66 circuits shall be double tub.
3) Surge Protection Device (SPD) to be in a separate barrered enclosure with separate cover.
4) Terminate circuits for BAS in 4"x4" junction box 10' from panel.

ADDENDUM E01
2026.07.22

Panel: RP-2A												Smith + Andersen																					
Project Name: STERLING HALL						Location: ELECTRICAL 204																											
Project #: 00036.010.E001						Fed From: PP-2B																											
Description:																																	
Date:																																	
CCT No.	Connection/Breaker Type - Circuit Description					BKR [A]	Pole s	DF [%]	Estimated Load [VA]	A		B		C		Estimated Load [VA]	DF [%]	Pole s	BKR [A]	Connection/Breaker Type - Circuit Description					CCT No.								
1	DC - FCU-L2-204					15	2	70.0	60	43	177						248	70.0	2	15	D.C - FCU-L2-210					2							
3												43	177														4						
5	REC - ELECTRICAL 204					15	1	50.0	225					450	177		248	70.0	2	15	D.C - FCU-L2-C200-2					6							
7	D.C - FCU-L2-203					15	2	70.0	248	177	177					8																	
9	D.C - FCU-L2-C200-1					15	2	70.0	248			177	177				248	70.0	2	15	D.C - FCU-L2-212					10							
11														177	2000												177	177			12		
13	D.C - FCU-L2-202					15	2	70.0	248			177	2000				4000	100.0	2	25	D.C - FFH-ST-A2					14							
15																												16					
17	D.C - FCU-L2-201					15	2	70.0	248					177	138		97	70.0	1	15	D.C - EF-1					18							
19														177	300															150	50.0	1	15
21	D.C -FCU-L2-C200-3					15	2	70.0	248			177	750				375	50.0	1	15	REC - CLASRRM 210					22							
23																														150	50.0	1	15
25	D.C -FCU-L2-C200-3					15	2	70.0	248	177	1050						525	50.0	1	15	REC - BREAKOUT 209					26							
27																														375	50.0	1	15
29	D.C -FCU-L2-208					15	2	70.0	248			177	750				150	50.0	1	15	REC - LCD SCREEN					30							
31																																	
33	D.C - FCU-L2-209					15	2	70.0	248	177	150						75	50.0	1	15	REC - AV PROJECTOR					34							
35																																	
37	D.C - FFH-L2-207					15	1	100.0	75					75	600		300	50.0	1	15	REC - CLASSROOM 201					38							
39	REC - BREAKOUT 202B					15	1	50.0	525	1050	150															75	50.0	1	15	REC - WATER FOUNTAIN			
41	REC - CLASSROOM 203					15	1	50.0	300			600	600				300	50.0	1	15	REC - CLASSROOMS 201					42							
43	REC - CLASSROOM 203					15	1	50.0	300					600	600											300	50.0	1	15	REC - ROOF WP			
45	D.C - EF-2					15	1	70.0	239	342	300						150	50.0	1	15	REC - LCD SCREEN					46							
47	D.C - CU-5					25	2	100.0	4000			2000	300													150	50.0	1	15	REC - LCD SCREEN			
49	D.C - CU-7					60	2	100.0	9400	4700	300						525	70.0	1	15	D.C - BRANCH SELECTOR					50							
51																																	
53	D.C - FFH-VEST-200					25	2	100.0	4000			4700	450				225	50.0	1	15	REC - WP LEVEL 2					54							
55																																	
57	D.C - STUDENT WR 207 - AF					15	1	70.0	245	2000	450						225	50.0	1	15	REC - HK					58							
59	D.C - HEATING COIL CONTROLLER					15	1	70.0	420			350	150													75	50.0	1	20	REC - EQUIPMENT			
61	D.C - HEATING COIL CONTROLLER					15	1	70.0	630	900	150					600	300	150	50.0	1	20	REC - HK CORRIDOR LEVEL 2					62						
63	REC - CLASSROOM 201 - AV PROJECTOR					15	1	50.0	75					150	100		75										50.0	1	15	REC - STAFF WR 205			
65	REC - CLASSROOM 203 - AV PROJECTOR					15	1	50.0	75								70	70.0	1	15	D.C - HD STAFF WR					66							
67	D.C - HD					15	1	70.0	70								150	50	100.0	1						15	DC (70%)					68	
69	D.C - ADO					15	1	70.0	70	100	600						420	70.0			1	15	D.C - SH									70	
71	REC - ADULT CHANGE TABLE					20	1	70.0	315			100	800				560	70.0	1	15	D.C - SH CLASSROOM 203							72					
73	REC - CLASSROOM 210					15	1	50.0	375	750	800						560	70.0	1	15						D.C - SH BREAKOUT 202					74		
75	REC - CLASSROOMS 203					15	1	50.0	225			450	600				420	70.0	1	15	D.C - SH CLASSROOM 201										76		
77	D.C - SH CLASSROOM 208					15	1	70.0	560							800	800	560	70.0	1						15	D.C - SH					78	
79	D.C - SH BREAKOUT					15	1	70.0	560	800	150						75	50.0	1	15	REC - GFI- JAN CLOSET					80							
81	D.C - SH CLASSROOM 210					15	1	70.0	560			800																	82				
83	D.C - SH MEETING 212					15	1	70.0	560							800								84									
85	REC - STAIR A					20	1	50.0	75	150														86									
87	Spare					15	1	--	0			0	0				0	--	1	15	Spare					88							
89	Spare					15	1	--	0							0	0	--	1	15						Spare					90		
91	Spare					15	1	--	0	0	0						0	--	1	15	Spare										92		
93	Spare					15	1	--	0			0	0				0	--	1	15						Spare					94		
95	Spare					15	1	--	0							0	0	--	1	15	Spare										96		
Connection/Breaker Type Legend:																																	
BAS - Building Automation Systems										SPD - Surge Protection Device										M - Motor													
GFCI - Ground Fault Circuit Interrupter										BLO - Breaker Lock-On Device										D.F. - Demand Factor													
AFCI - Arc Fault Circuit Interrupter										R.C. - Relay Controlled										REC - Receptacle													
LTG - Lighting										HID - High Intensity Discharge Lighting Breaker										D.C. - Direct Connection													
Panel Options: Refer to Panel Notes for selected Options												Panel Totals												Panel Parameters									
1	CSA Enclosure Rating									Estimated Load A [kVA]	14.55 kVA	Voltage				120/208 Wye																	
2	Feed Through									Estimated Load B [kVA]	14.00 kVA	PHASE:				3																	
3	Sub Feed									Estimated Load C [kVA]	10.41 kVA	WIRES:				4																	
4	Main Breaker									Total Est. Demand [kVA]:	38.96 kVA	MAINS [A]:				225 A																	
5	200% Rated Neutral Bus									Total Conn. Load [kVA]:	50.38 kVA	MAIN BREAKER [A], 1 = not required				1																	
6	Isolated Ground Bus											I.C. [kA]:																					
7	Plug in Breaker									Estimated Current A [A]	122 A																						
8	SPD									Estimated Current B [A]	118 A																						
										Estimated Current C [A]	88 A																						
Notes:																																	
1) Panel Enclosure to be Sprinklerproof.																																	
2) Panels greater than 66 circuits shall be double tub.																																	
3) Surge Protection Device (SPD) to be in a separate barrered enclosure with separate cover.																																	
4) Terminate circuits for BAS in 4"x4" junction box 10' from panel.																																	

Panel: RP-2EV

Project Name: STERLING HALL

Project #: 00036.010.E001

Description:

Date:

Location: ELECTRICAL 204

Fed From:

Smith + Andersen

CCT No.	Connection/Breaker Type - Circuit Description	BKR [A]	Pole s	DF [%]	Estimated Load [VA]	A		B		C		Estimated Load [VA]	DF [%]	Pole s	BKR [A]	Connection/Breaker Type - Circuit Description	CCT No.
1	D.C - EV CHARGER GATEWAY	15	1	100.0	100	100											2
3								0									4
5	DC (70%) - EVSE L2	20	2	100.0	0					0							6
7						0											8
9	DC (70%) - EVSE L2	20	2	100.0	0			0									10
11										0							12
13	DC (70%) - EVSE L2	20	2	100.0	0	0											14
15								0	0			0	--	1	15	Spare	16
17	DC (70%) - EVSE L2	20	2	100.0	0					0	0	0	--	1	15	Spare	18
19						0	0					0	--	1	15	Spare	20
21	DC (70%) - EVSE L2	20	2	100.0	0			0	0			0	--	1	15	Spare	22
23										0		0	--	1	15	Spare	24
25							0					0	--	1	15	Spare	26
27								0				0	--	1	15	Spare	28
29										0		0	--	1	15	Spare	30

Connection/Breaker Type Legend:

BAS - Building Automation Systems

GFCI - Ground Fault Circuit Interrupter

AFCI - Arc Fault Circuit Interrupter

SPD - Surge Protection Device

BLO - Breaker Lock-On Device

R.C. - Relay Controlled

M - Motor

D.F. - Demand Factor

REC - Receptacle

LTG - Lighting

HID - High Intensity Discharge Lighting Breaker

D.C. - Direct Connection

Panel Options: Refer to Panel Notes for selected Options

1 CSA Enclosure Rating

2 Feed Through

3 Sub Feed

4 Main Breaker

5 200% Rated Neutral Bus

6 Isolated Ground Bus

7 Plug in Breaker

8 SPD

Estimated Load A [kVA]

Estimated Load B [kVA]

Estimated Load C [kVA]

Total Est. Demand [kVA]:

Total Conn. Load [kVA]:

Estimated Current A [A]

Estimated Current B [A]

Estimated Current C [A]

Panel Totals

0.10 kVA

0.00 kVA

0.00 kVA

0.10 kVA

0.10 kVA

1 A

0 A

0 A

Panel Parameters

Voltage

PHASE:

WIRES:

MAINS [A]:

MAIN BREAKER [A], 1 = not required

LC, [kA]:

120/208 Wye

3

4

100 A

1

Notes:

1) Panel Enclosure to be Sprinklerproof.

2) Panels greater than 66 circuits shall be double tub.

3) Surge Protection Device (SPD) to be in a separate barrered enclosure with separate cover.

4) Terminate circuits for BAS in 4"x4" junction box 10' from panel.