PANEL LF

PANEL: PANEL LF — DC DEVICE TYPE: Breaker — ENCLOSURE: NEMA 1 — MAINS(A): 225A MLO — CONTINUOUS(A): 0
LOCATION: STORAGE F103 — DEVICE FAMILY: Bolt On — MOUNTING: Surface — WIRING: 3-Phase 4-Wire — BUS SC RATING(A): 35000
FED FROM: SDPG — VOLTAGE: 480/277 — FAULT CURRENT(A): 23127

DC AMPS P	NOTES	DESCRIPTION	DEMAND CODE	VA	CKT	PHASE LOADS VA A	B	C	CKT	VA	DEMAND CODE	DESCRIPTION	NOTES	DC AMPS P
20 1		VAV 21-15	LARGEST	1587	1	3983			2	2405	INTERIO	LIGHTS H08		20 1
20 1		VAV 22-15	MOTOR L	1587	3		4574		4	2996	INTERIO	LIGHTS F109		20 1
20 1		LIGHTS F07	INTERIO	2680	5			4860	6	2180	INTERIO	LIGHTS F104		20 1
20 1		LIGHTS F114	INTERIO	2535	7	5720			8	3185	INTERIO	LIGHTS H212		20 1
20 1		LIGHTS F117	INTERIO	3315	9		5560		10	2245	INTERIO	LIGHTS H202		20 1
20 1		LIGHTS H207	INTERIO	2535	11			4810	12	2275	INTERIO	LIGHTS H214		20 1
					13				14					
					15				16					
					17				18					
					19				20					
					21				22					
					23				24					
					25				26					
					27				28					
					29				30					
					31				32					
					33				34					
					35				36					
					37				38					
20 1		SPARE		0	39		0		40	0		SPARE		20 1
20 1		SPARE		0	41			0	42	0		SPARE		20 1

ALL CONNECTED	KVA	MAX PH AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	29.50	36.6	* A-N	9700.2	35.0	CONNECTED	29.50
TOTAL DEMAND	29.50	36.6	* B-N	10131.1	36.6	DEMAND	29.50
TOTAL DESIGN	36.48	44.3	* C-N	9670.0	34.9	DESIGN	36.48

PANEL LG

PANEL: PANEL LG — DC DEVICE TYPE: Breaker — ENCLOSURE: NEMA 1 — MAINS(A): 225A MLO — CONTINUOUS(A): 0
LOCATION: ELEC G117 — DEVICE FAMILY: Bolt On — MOUNTING: Surface — WIRING: 3-Phase 4-Wire — BUS SC RATING(A): 35000
FED FROM: SDPG — VOLTAGE: 480/277 — FAULT CURRENT(A): 29175

DC AMPS P	NOTES	DESCRIPTION	DEMAND CODE	VA	CKT	PHASE LOADS VA A	B	C	CKT	VA	DEMAND CODE	DESCRIPTION	NOTES	DC AMPS P
20 1		LIGHTS J201	INTERIO	2215	1	5335			2	3120	INTERIO	LIGHTS G109		20 1
20 1		LIGHTS G04	INTERIO	1876	3		4996		4	3120	INTERIO	LIGHTS G106		20 1
20 1		LIGHTS J06	INTERIO	1950	5			5265	6	3315	INTERIO	LIGHTS G100		20 1
20 1		LIGHTS G114	INTERIO	2535	7	5070			8	2535	INTERIO	LIGHTS J213		20 1
20 1		LIGHTS J215	INTERIO	1690	9		4225		10	2535	INTERIO	LIGHTS J208		20 1
20 1		LIGHTS J202	INTERIO	1690	11			4420	12	2730	INTERIO	LIGHTS G118		20 1
					13	2795			14	2795	INTERIO	LIGHTS J219		20 1
					15				16					
					17				18					
					19				20					
					21				22					
					23				24					
					25				26					
					27				28					
					29				30					
					31				32					
					33				34					
					35				36					
					37				38					
20 1		SPARE		0	39		0		40	0		SPARE		20 1
20 1		SPARE		0	41			0	42	0		SPARE		20 1

ALL CONNECTED	KVA	MAX PH AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	32.11	47.6	* A-N	13200.0	47.6	CONNECTED	32.11
TOTAL DEMAND	32.11	47.6	* B-N	9221.0	33.3	DEMAND	32.11
TOTAL DESIGN	40.13	59.5	* C-N	9685.0	34.9	DESIGN	40.13

PANEL MB

PANEL: PANEL MB — DC DEVICE TYPE: Breaker — ENCLOSURE: NEMA 1 — MAINS(A): 400A MLO — CONTINUOUS(A): 0
LOCATION: ELEC. B104 — DEVICE FAMILY: Bolt On — MOUNTING: Surface — WIRING: 3-Phase 4-Wire — BUS SC RATING(A): 25000
FED FROM: MSB — VOLTAGE: 480/277 — FAULT CURRENT(A): 21173

DC AMPS P	NOTES	DESCRIPTION	DEMAND CODE	VA	CKT	PHASE LOADS VA A	B	C	CKT	VA	DEMAND CODE	DESCRIPTION	NOTES	DC AMPS P
15 3		EF-2	MOTOR L	1673	1	1354			2	2390	MOTOR L	EF-3		15 3
''		''		-	3		1354		4	-		''		''
''		''		-	5			1354	6	-		''		''
15 3		MAU-1	MOTOR L	3824	7	9773			8	25496	LARGEST	RTU-2		60 3
''		''		-	9		9773		10	-		''		''
''		''		-	11			9773	12	-		''		''
40 3		RTU-1	MOTOR L	20841	13	12683			14	17209	MOTOR L	RTU-9		40 3
''		''		-	15		12683		16	-		''		''
''		''		-	17			12683	18	-		''		''
15 3		RTU-10	MOTOR L	8310	19	3370			20	600	MOTOR L	VAV 9-1		20 1
''		''		-	21		2770		22					
''		''		-	23			3370	24	600	MOTOR L	VAV 9-4		20 1
20 3		RTU-14	MOTOR L	10105	25	3368			26					
''		''		-	27		3368		28					
''		''		-	29			3368	30					
					31				32					
					33				34					
					35				36					
					37	39070			38	117209	NONE	TFMR TK PRIMARY		170 3
					39		39070		40	-		''		''
					41			39070	42	-		''		''

ALL CONNECTED	KVA	MAX PH AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	207.34	253.1	* A-N	70145.9	253.1	CONNECTED	207.34
TOTAL DEMAND	170.46	206.6	* B-N	68525.4	247.3	DEMAND	170.46
TOTAL DESIGN	176.81	214.2	* C-N	68677.1	247.8	DESIGN	176.81

PANEL MC

PANEL: PANEL MC — DC DEVICE TYPE: Breaker — ENCLOSURE: NEMA 1 — MAINS(A): 400A MLO — CONTINUOUS(A): 0
LOCATION: ELEC. B122 — DEVICE FAMILY: Bolt On — MOUNTING: Surface — WIRING: 3-Phase 4-Wire — BUS SC RATING(A): 25000
FED FROM: MSB — VOLTAGE: 480/277 — FAULT CURRENT(A): 17261

DC AMPS P	NOTES	DESCRIPTION	DEMAND CODE	VA	CKT	PHASE LOADS VA A	B	C	CKT	VA	DEMAND CODE	DESCRIPTION	NOTES	DC AMPS P
30 3		RTU-3	LARGEST	16853	1	11235			2	16853	MOTOR L	RTU-4		30 3
''		''		-	3		11235		4	-		''		''
''		''		-	5			11235	6	-		''		''
					7				8					
					9				10					
					11				12					
30 3		RTU-5	MOTOR L	16853	13	11235			14	16853	MOTOR L	RTU-6		30 3
''		''		-	15		11235		16	-		''		''
''		''		-	17			11235	18	-		''		''
					19				20					
					21				22					
					23				24					
					25				26					
					27				28					
					29				30					
					31				32					
					33				34					
					35				36					
					37				38					
					39				40					
					41				42					

ALL CONNECTED	KVA	MAX PH AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	67.41	81.1	* A-N	22470.7	81.1	CONNECTED	67.41
TOTAL DEMAND	67.41	81.1	* B-N	22470.7	81.1	DEMAND	67.41
TOTAL DESIGN	71.63	86.2	* C-N	22470.7	81.1	DESIGN	71.63

PANEL ME

PANEL: PANEL ME — DC DEVICE TYPE: Breaker — ENCLOSURE: NEMA 1 — MAINS(A): 600A MLO — CONTINUOUS(A): 0
LOCATION: ELEC. ROOM C108 — DEVICE FAMILY: Bolt On — MOUNTING: Surface — WIRING: 3-Phase 4-Wire — BUS SC RATING(A): 65000
FED FROM: MSB — VOLTAGE: 480/277 — FAULT CURRENT(A): 46872

DC AMPS P	NOTES	DESCRIPTION	DEMAND CODE	VA	CKT	PHASE LOADS VA A	B	C	CKT	VA	DEMAND CODE	DESCRIPTION	NOTES	DC AMPS P
70 3		P-1	MOTOR L	21512	1	14341			2	21512	MOTOR L	P-2		70 3
''		''		-	3		14341		4	-		''		''
''		''		-	5			14341	6	-		''		''
70 3		P-7	MOTOR L	21512	7	14341			8	21512	MOTOR L	P-8		70 3
''		''		-	9		14341		10	-		''		''
''		''		-	11			14341	12	-		''		''
100 3		P-4	MOTOR L	31870	13	21247			14	31870	MOTOR L	P-5		100 3
''		''		-	15		21247		16	-		''		''
''		''		-	17			21247	18	-		''		''
20 1		VAV 15-1	MOTOR L	600	19	1200			20	600	MOTOR L	VAV 16-6		20 1
20 1		VAV 15-3	MOTOR L	1587	21		3174		22	1587	MOTOR L	VAV 15-2		20 1
20 1		VAV 16-4	MOTOR L	1587	23			3174	24	1587	MOTOR L	VAV 19-5		20 1
20 3		RTU-20	MOTOR L	9972	25	8942			26	16853	MOTOR L	RTU-19		30 3
''		''		-	27		8942		28	-		''		''
''		''		-	29			8942	30	-		''		''
20 1		VAV 19-3	MOTOR L	600	31	9099			32	25496	MOTOR L	RTU-11		60 3
					33		8499		34	-		''		''
					35			8499	36	-		''		''
30 3		RTU-16	MOTOR L	16853	37	11235			38	16853	MOTOR L	RTU-15		30 3
''		''		-	39		11235		40	-		''		''
''		''		-	41			11235	42	-		''		''
20 3		RTU-18	MOTOR L	9879	43	9354			44	18182	MOTOR L	RTU-25		30 3
''		''		-	45		9354		46	-		''		''
''		''		-	47			9354	48	-		''		''
20 3		RTU-17	MOTOR L	8764	49	5736			50	8443	MOTOR L	RTU-27		30 3
''		''		-	51		5736		52	-		''		''
''		''		-	53			5736	54	-		''		''
20 3		B-1	MOTOR L	12465	55	8310			56	12465	MOTOR L	B-2		20 3
''		''		-	57		8310		58	-		''		''
''		''		-	59			8310	60	-		''		''
20 3		B-3	MOTOR L	12465	61	8310			62	12465	MOTOR L	B-4		20 3
''		''		-	63		8310		64	-		''		''
''		''		-	65			8310	66	-		''		''
35 3		UH-2	HEAT	20828	67	6943			68	0		SPARE		20 3
''		''		-	69		6943		70	-		''		''
''		''		-	71			6943	72	-		''		''
20 3		B-5	MOTOR L	12465	73	9143			74	15667	HEAT	UH-6		30 3
''		''		-	75		9143		76	-		''		''
''		''		-	77			9143	78	-		''		''
100 3		IBP-1	LARGEST	31870	79	10623			80					
''		''		-	81		10623		82					
''		''		-	83			10623	84					

ALL CONNECTED	KVA	MAX PH AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	416.58	502.7	* A-N	137943.1	497.8	CONNECTED	416.58
TOTAL DEMAND	416.58	502.7	* B-N	139316.1	502.7	DEMAND	416.58
TOTAL DESIGN	432.91	522.4	* C-N	139316.1	502.7	DESIGN	432.91

PANEL MG

PANEL: PANEL MG — DC DEVICE TYPE: Breaker — ENCLOSURE: NEMA 1 — MAINS(A): 400A MLO — CONTINUOUS(A): 0
LOCATION: ELECTRICAL ROOM G117 — DEVICE FAMILY: Bolt On — MOUNTING: Surface — WIRING: 3-Phase 4-Wire — BUS SC RATING(A): 35000
FED FROM: SDPG — VOLTAGE: 480/277 — FAULT CURRENT(A): 29752

DC AMPS P	NOTES	DESCRIPTION	DEMAND CODE	VA	CKT	PHASE LOADS VA A	B	C	CKT	VA	DEMAND CODE	DESCRIPTION	NOTES	DC AMPS P
70 3		RTU-23	MOTOR L	40752	1	15424			2	1840	MOTOR L	VAV 21-2		20 1
''		''		-	3		15424		4	1840	MOTOR L	VAV 21-9		20 1
''		''		-	5			15424	6	1840	MOTOR L	VAV 21-1		20 1
60 3		RTU-22	MOTOR L	28842	7	23198			8	40752	MOTOR L	RTU-21		70 3
''		''		-	9		23198		10	-		''		''
''		''		-	11			23198	12	-		''		''
30 3		RTU-26	MOTOR L	13030	13	4343			14	0		SPARE		20 1
''		''		-	15		6183		16	1840	MOTOR L	VAV 21-10		20 1
''		''		-	17			4343	18					
80 3		RTU-24	LARGEST	45738	19	15246			20					
''		''		-	21		15246		22					
''		''		-	23			15246	24					
					25				26					
					27				28					
					29				30					
					31				32					
					33				34					
					35				36					
					37				38					
					39				40					
					41				42					

ALL CONNECTED	KVA	MAX PH AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	176.47	216.7	* A-N	58211.3	210.1	CONNECTED	176.47
TOTAL DEMAND	176.47	216.7	* B-N	60051.3	216.7	DEMAND	176.47
TOTAL DESIGN	187.91	230.4	* C-N	58211.3	210.1	DESIGN	187.91

PANEL RB1

PANEL: PANEL RB1 — DC DEVICE TYPE: Breaker — ENCLOSURE: NEMA 1 — MAINS(A): 250A BKR — CONTINUOUS(A): 0
LOCATION: ELEC. B104 — DEVICE FAMILY: Bolt On — MOUNTING: Surface — WIRING: 3-Phase 4-Wire — BUS SC RATING(A): 10000
FED FROM: TFMR TRB SECON — VOLTAGE: 208/120 — FAULT CURRENT(A): 5402

DC AMPS P	NOTES	DESCRIPTION	DEMAND CODE	VA	CKT	PHASE LOADS VA A	B	C	CKT	VA	DEMAND CODE	DESCRIPTION	NOTES	DC AMPS P
20 1		RECEPTACLE A100	RECEPTA	1080	1	1800			2	720	RECEPTA	RECEPTACLE A03		20 1
20 1		RECEPTACLE A100	RECEPTA	900	3		1900		4	1000	GENERAL	VENDING A05		20 1
20 1		RECEPTACLE A100	RECEPTA	1080	5			2080	6	1000	GENERAL	VENDING A05		20 1
20 1		VENDING A05	GENERAL	1000	7	2000			8	1000	GENERAL	VENDING A05		20 1
20 1		VENDING A05	GENERAL	1000	9		1500		10	500	GENERAL	POPCORN MACH A101		20 1
20 1		VENDING A05	GENERAL	1000	11			1180	12	180	RECEPTA	RECEPTACLE A101		20 1
20 1		COOLER A101	GENERAL	500	13	1000			14	500	GENERAL	NACHO MACH. A101		20 1
20 1		REFRIG. A101	GENERAL	800	15		980		16	180	RECEPTA	RECEPTACLE A101		20 1
20 1		COKE COOLER A101	GENERAL	800	17			980	18	180	RECEPTA	RECEPTACLE A101		20 1
20 1		RECEPTACLE A101	RECEPTA	180	19	540			20	360	RECEPTA	IDF RECEPT B102		20 1
20 1		RECEPTACLE A101	RECEPTA	180	21		540		22	360	RECEPTA	IDF RECEPT B102		20 1
20 1		MAU CONT, PANEL	GENERAL	500	23			860	24	360	RECEPTA	IDF RECEPT B102		20 1
20 1		RECEPTACLE B104	RECEPTA	540	25	540			26					
20 1		VAV 9-2	MOTOR L	828	27		828		28					
20 1		UH-3	MOTOR L	506	29			506	30					
20 1		EF-35	MOTOR L	667	31	1387			32	720	RECEPTA	RECEPTACLE B110b		20 1
20 1		RECEPTACLE B109	RECEPTA	360	33		1360		34	1000	GENERAL	PRINTER B110b		20 1
20 1		RECEPT B01, CUH-6	RECEPTA	1300	35			2300	36	1000	GENERAL	PRINTER B110a		20 1
20 1		FLOOR POCKET C100	RECEPTA	360	37	1260			38	900	RECEPTA	RECEPTACLE B112		20 1
20 1		ADA DOOR B04	MOTOR L	1127	39		2027		40	900	RECEPTA	RECEPTACLE B112		20 1
20 1		RECEPTACLE B112	RECEPTA	1080	41			1440	42	360	RECEPTA	RECEPTACLE B112		20 1
20 1		HAND DRYER B101	GENERAL	1500	43	3000			44	1500	GENERAL	HAND DRYER B100		20 1
20 1		HAND DRYER B101	GENERAL	1500	45		2328		46	828	MOTOR L	EWC A02		20 1
20 1		HAND DRYER B100	GENERAL	1500	47			1500	48					
					49	500			50	500	GENERAL	I/R SENSORS B100		20 1
					51		500		52	500	GENERAL	I/R SENSORS B101		20 1
20 1		GYM SOUND SYSTEM	GENERAL	500	53			1220	54	720	RECEPTA	RECEPTACLE B103		20 1
20 1		PROJ SCREEN A100	LARGEST	1127	55	2127			56	1000	GENERAL	WH-1		20 1
20 1		UH-4	MOTOR L	400	57		800		58	400	MOTOR L	UH-1		20 1
20 1		CUH-2	MOTOR L	800	59			1467	60	667	MOTOR L	EF-4		20 1
20 1		EF-6	MOTOR L	667	61	1334			62	667	MOTOR L	EF-8		20 1
20 1		RECEPTACLE A105	RECEPTA	360	63		1487		64	1127	MOTOR L	EF-7		20 1
20 1		EF-1	MOTOR L	667	65			1927	66	1260	RECEPTA	RECEPTACLE ROOF		20 1
20 1		CP-1, CP-8	MOTOR L	400	67	798			68	400	INTERIO	LIGHTS A100		20 1
20 1		LIGHTS A03	INTERIO	750	69		1150		70	400	INTERIO	LIGHTS A100		20 1
20 1		WH-1	GENERAL	1000	71			2127	72	1127	MOTOR L	MOTOR, GRILL A103		20 1
20 2		DRYER A102	GENERAL	3000	73	2627			74	1127	MOTOR L	MOTOR, GRILL A103		20 1
''		''		-	75		2627		76	1127	MOTOR L	MOTOR, GRILL A103		20 1
20 1		WASHER A102	GENERAL	1000	77			2127	78	1127	MOTOR L	MOTOR, GRILL A101		20 1
20 1		RECEPT EXT	RECEPTA	180	79	513			80	1000	NONE	PNL RB1A		100 3
20 1		RECEPT EXT	RECEPTA	180	81		513		82	-		''		''
20 1		ADA DOOR A04	MOTOR L	1127	83			1460	84	-		''		''

ALL CONNECTED	KVA	MAX PH AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	59.13	177.7	* A-N	19613.0	163.3	CONNECTED	59.13
TOTAL DEMAND	56.64	164.4	* B-N	18210.7	151.6	DEMAND	56.64
TOTAL DESIGN	57.31	164.4	* C-N	21341.0	177.7	DESIGN	57.31

PANEL RB1A

PANEL: PANEL RB1A — DC DEVICE TYPE: Breaker — ENCLOSURE: NEMA 1 — MAINS(A): 100A MLO — CONTINUOUS(A): 0
LOCATION: ELEC ROOM B104 — DEVICE FAMILY: Bolt On — MOUNTING: Surface — WIRING: 3-Phase 4-Wire — BUS SC RATING(A): 10000
FED FROM: PNL RB1 — VOLTAGE: 208/120 — FAULT CURRENT(A): 5030

DC AMPS P	NOTES	DESCRIPTION	DEMAND CODE	VA	CKT	PHASE LOADS VA A	B	C	CKT	VA	DEMAND CODE	DESCRIPTION	NOTES	DC AMPS P
					1	500			2	500	GENERAL	TEMP CONTRL PNL B103		20 1
					3				4					
20 1		TEMP CNTRL PNL A102	GENERAL	500	5			500	6					
					7				8					
					9				10					
					11				12					
					13				14					
					15				16					
					17				18					
					19				20					
					21				22					
					23				24					
					25				26					
					27				28					
					29				30					
					31				32					
					33				34					
20 1		SPARE		0	35			0	36	0		SPARE		20 1
20 1		SPARE		0	37	0			38	0		SPARE		20 1
20 1		SPARE		0	39		0		40	0		SPARE		20 1
20 1		SPARE		0	41			0	42	0		SPARE		20 1

ALL CONNECTED	KVA	MAX PH AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	1.00	4.2	* A-N	500.0	4.2	CONNECTED	1.00
TOTAL DEMAND	1.00	4.2	* B-N	0.0	0.0	DEMAND	1.00
TOTAL DESIGN	1.00	4.2	* C-N	500.0	4.2	DESIGN	1.00

PANEL RB1B

PANEL: PANEL RB1B — DC DEVICE TYPE: Breaker — ENCLOSURE: NEMA 1 — MAINS(A): 225A MLO — CONTINUOUS(A): 0
LOCATION: DRAMA CLSRM C107 — DEVICE FAMILY: Bolt On — MOUNTING: Flush — WIRING: 3-Phase 4-Wire — BUS SC RATING(A): 10000
FED FROM: SDPER — VOLTAGE: 208/120 — FAULT CURRENT(A): 8025
PROVIDE ISOLATED GROUND BUS

DC AMPS P	NOTES	DESCRIPTION	DEMAND CODE	VA	CKT	PHASE LOADS VA A	B	C	CKT	VA	DEMAND CODE	DESCRIPTION	NOTES	DC AMPS P
20 1		RECEPTACLE C101	RECEPTA	720	1	1440			2	720	RECEPTA	RECEPTACLE C100		20 1
20 1		RECEPTACLE C103	RECEPTA	1080	3		1440		4	360	RECEPTA	RECEPTACLE C105		20 1
					5			900	6	900	RECEPTA	RECEPTACLE C105		20 1
					7	720			8	720	RECEPTA	FLOOR BOX C100		20 1
					9				10					
					11				12					
					13				14					
					15				16					
					17				18					
					19				20					
					21				22					
					23				24					
					25				26					
20 1		SPARE		0	27		0		28					
20 1		SPARE		0	29			0	30					
					31				32					
					33				34					
					35				36					
					37				38					
					39				40					
					41				42					
					43				44					
					45				46					
					47				48					
					49				50					
					51				52					
20 1		WH-5	GENERAL	1000	53			1000	54					
20 1		SPARE		0	55	0			56					
					57				58					
					59				60					
					61				62					
					63				64					
					65				66					
					67				68					
					69				70					
					71				72					
					73				74					
					75				76					
20 1		SPARE		0	77			0	78	0		SPARE		20 1
20 1		SPARE		0	79	0			80	0		SPARE		20 1
20 1		SPARE		0	81		0		82	0		SPARE		20 1
20 1		SPARE		0	83			0	84	0		SPARE		20 1

ALL CONNECTED	KVA	MAX PH AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	5.50	18.0	* A-N	2160.0	18.0	CONNECTED	5.50
TOTAL DEMAND	5.50	18.0	* B-N	1440.0	12.0	DEMAND	5.50
TOTAL DESIGN	5.50	18.0	* C-N	1900.0	15.8	DESIGN	5.50

PANEL RC1A

PANEL: PANEL RC1A — DC DEVICE TYPE: Breaker — ENCLOSURE: NEMA 1 — MAINS(A): 400A BKR — CONTINUOUS(A): 0
LOCATION: ELEC. B122 — DEVICE FAMILY: Bolt On — MOUNTING: Surface — WIRING: 3-Phase 4-Wire — BUS SC RATING(A): 10000
FED FROM: TFMR TRC SECON — VOLTAGE: 208/120 — FAULT CURRENT(A): 5816
PROVIDE ISOLATED GROUND BUS.

DC AMPS P	NOTES	DESCRIPTION	DEMAND CODE	VA	CKT	PHASE LOADS VA A	B	C	CKT	VA	DEMAND CODE	DESCRIPTION	NOTES	DC AMPS P
20 1		RECEPT B126, CUH-1	RECEPTA	1300	1	2427			2	1127	MOTOR L	MOTOR, BKBRD B126		20 1
20 1		SCOREBOARD B126	GENERAL	1000	3		2127		4	1127	MOTOR L	MOTOR, BKBRD B126		20 1
20 1		MOTOR, BKBRDS B126	MOTOR L	1127	5			2254	6	1127	MOTOR L	MOTOR, BKBRD B126		20 1
20 1		MOTOR, BKBRDS B126	MOTOR L	1127	7	2960			8	5500	LARGEST	MOTOR BLEACHERS B126		20 3
20 1		MOTOR, BKBRDS B126	MOTOR L	1127	9		2960		10	-		''		''
20 1		RECEPTACLE B126	RECEPTA	180	11			2013	12	-		''		''
20 3		MOTOR BLEACHERS B126	MOTOR L	5500	13	2013			14	180	RECEPTA	RECEPTACLE B126		20 1
''		''		-	15		2733		16	900	RECEPTA	RECEPTACLE B03		20 1
''		''		-	17			3333	18	1500	GENERAL	HAIR DRYER C125		20 1
15 3		MAT MOVER B126	MOTOR L	1673	19	2058			20	1500	GENERAL	HAIR DRYER C125		20 1
''		''		-	21		2058		22	1500	GENERAL	HAIR DRYER C120		20 1
''		''		-	23			2058	24	1500	GENERAL	HAIR DRYER C120		20 1
20 1		RECEPTACLE B121	RECEPTA	1080	25	1080			26					
20 1		RECEPTACLE B03	RECEPTA	720	27		720		28					
					29				30					
					31				32					
20 1		RECEPT B124	RECEPTA	720	33		720		34					
20 1		RECEPT B124	RECEPTA	720	35			720	36					
					37	1000			38	1000	GENERAL	ICE MACH. B114		20 1
					39		1000		40	1000	GENERAL	REFRIG. B114		20 1
20 1		RECEPTACLE B114	RECEPTA	720	41			720	42					
					43				44					
					45		1127		46	1127	MOTOR L	MOTOR, CURTAIN B126		20 1
20 1		WHIRLPOOL B114	GENERAL	1500	47			2500	48	1000	GENERAL	SCOREBOARD B126		20 1
20 1		TCC B123	GENERAL	1000	49	1500			50	500	GENERAL	I/R SENSORS B120a		20 1
					51		500		52	500	GENERAL	I/R SENSORS B125a		20 1
					53				54					
					55				56					
20 1		HAIR DRYER B125a	GENERAL	1500	57		3000		58	1500	GENERAL	HAIR DRYER B120a		20 1
					59			900	60	900	RECEPTA	RECEPTACLE B114		20 1
20 1		DRYER B113a	GENERAL	1116	61	1116			62					
20 1		CP-3, CP-5	MOTOR L	350	63		350		64					
20 1		CP-4	MOTOR L	300	65			300	66					
					67	667			68	667	MOTOR L	TF-2		20 1
					69		1000		70	1000	GENERAL	WH-2		20 1
					71			1000	72	1000	GENERAL	WH-3		20 1
20 1		TF-1	MOTOR L	667	73	1794			74	1127	MOTOR L	EF-12		20 1
20 1		EF-11	MOTOR L	1127	75		1127		76					
20 1		EF-34	MOTOR L	667	77			667	78					
					79	222			80	667	NONE	PNL RC1B		100 3
20 1		RECEPT. ROOF	RECEPTA	720	81		942		82	-		''		''
20 1		SPARE	GENERAL	1000	83			1222	84	-		''		''

ALL CONNECTED	KVA	MAX PH AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	54.89	173.3	* A-N	16615.3	138.4	CONNECTED	54.89
TOTAL DEMAND	54.89	173.3	* B-N	20809.3	173.3	DEMAND	54.89
TOTAL DESIGN	56.43	178.5	* C-N	17465.3	145.4	DESIGN	56.43

PANEL RC1B

PANEL: PANEL RC1B — DC DEVICE TYPE: Breaker — ENCLOSURE: NEMA 1 — MAINS(A): 100A MLO — CONTINUOUS(A): 0
LOCATION: ELEC ROOM B122 — DEVICE FAMILY: Bolt On — MOUNTING: Surface — WIRING: 3-Phase 4-Wire — BUS SC RATING(A): 10000
FED FROM: PNL RC1A — VOLTAGE: 208/120 — FAULT CURRENT(A): 5433

DC AMPS P	NOTES	DESCRIPTION	DEMAND CODE	VA	CKT	PHASE LOADS VA A	B	C	CKT	VA	DEMAND CODE	DESCRIPTION	NOTES	DC AMPS P
					1				2					
20 1		EF-15	LARGEST	667	3		667		4					
					5				6					
					7				8					
					9				10					
					11				12					
					13				14					
					15				16					
					17				18					
					19				20					
					21				22					
					23				24					
					25				26					
					27				28					
					29				30					
					31				32					
					33				34					
20 1		SPARE		0	35			0	36	0		SPARE		20 1
20 1		SPARE		0	37	0			38	0		SPARE		20 1
20 1		SPARE		0	39		0		40	0		SPARE		20 1
20 1		SPARE		0	41			0	42	0		SPARE		20 1

ALL CONNECTED	KVA	MAX PH AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	0.67	5.6	* A-N	0.0	0.0	CONNECTED	0.67
TOTAL DEMAND	0.67	5.6	* B-N	667.0	5.6	DEMAND	0.67
TOTAL DESIGN	0.83	6.9	* C-N	0.0	0.0	DESIGN	0.83

PANEL RD1B

PANEL: PANEL RD1B — DC DEVICE TYPE: Breaker — ENCLOSURE: NEMA 1 — MAINS(A): 100A MLO — CONTINUOUS(A): 0
LOCATION: WORK AREA D104 — DEVICE FAMILY: Bolt On — MOUNTING: Flush — WIRING: 3-Phase 4-Wire — BUS SC RATING(A): 10000
FED FROM: PNL RD1A — VOLTAGE: 208/120 — FAULT CURRENT(A): 5660

DC AMPS P	NOTES	DESCRIPTION	DEMAND CODE	VA	CKT	PHASE LOADS VA A	B	C	CKT	VA	DEMAND CODE	DESCRIPTION	NOTES	DC AMPS P
20 1		ADA DOOR A01	LARGEST	1127	1	1375			2	250	INTERIO	LIGHTS D100		20 1
20 1		RECEPTACLE D107b	RECEPTA	900	3		1567		4	667	MOTOR L	EF-41		20 1
20 1		RECEPT FAX D104	GENERAL	500	5			1328	6	828	MOTOR L	VAV 16-5		20 1
20 1		SPARE		0	7	0			8	0		SPARE		20 1
20 1		TEMP CNTRL PNL D106b	GENERAL	500	9		500		10					
20 1		SPARE		0	11			0	12					
					13				14					
					15				16					
					17				18					
					19				20					
					21				22					
					23				24					
					25				26					
					27				28					
					29				30					
					31				32					
					33				34					
20 1		SPARE		0	35			0	36	0		SPARE		20 1
20 1		SPARE		0	37	0			38	0		SPARE		20 1
20 1		SPARE		0	39		0		40	0		SPARE		20 1
20 1		SPARE		0	41			0	42	0		SPARE		20 1

ALL CONNECTED	KVA	MAX PH AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	4.77	17.2	* A-N	1375.2	11.5	CONNECTED	4.77
TOTAL DEMAND	4.77	17.2	* B-N	2067.0	17.2	DEMAND	4.77
TOTAL DESIGN	5.11	17.2	* C-N	1328.0	11.1	DESIGN	5.11

PANEL RD1A

PANEL: PANEL RD1A — DC DEVICE TYPE: Breaker — ENCLOSURE: NEMA 1 — MAINS(A): 400A MLO — CONTINUOUS(A): 0
LOCATION: WORK AREA D104 — DEVICE FAMILY: Bolt On — MOUNTING: Flush — WIRING: 3-Phase 4-Wire — BUS SC RATING(A): 10000
FED FROM: SDPGR — VOLTAGE: 208/120 — FAULT CURRENT(A): 5901
PROVIDE ISOLATED GROUND BUS.

DC AMPS P	NOTES	DESCRIPTION	DEMAND CODE	VA	CKT	PHASE LOADS VA A	B	C	CKT	VA	DEMAND CODE	DESCRIPTION	NOTES	DC AMPS P
20 1		RECEPTACLE A01	RECEPTA	900	1	1400			2	500	GENERAL	FAX D101		20 1
20 1		DOOR I/C D100	GENERAL	300	3		1380		4	1080	RECEPTA	RECEPTACLE D100		20 1
20 1		PRINTER D101	GENERAL	1200	5			1740	6	540	RECEPTA	RECEPTACLE D100b		20 1
20 1		RECEPTACLE D100	RECEPTA	1080	7	2160			8	1080	RECEPTA	RECEPTACLE D100e		20 1
20 1		RECEPTACLE D100e	RECEPTA	900	9		1980		10	1080	RECEPTA	RECEPTACLE D106k		20 1
20 1		RECEPTACLE D100	RECEPTA	1080	11			2160	12	1080	RECEPTA	RECEPTACLE D106k		20 1
20 1		RECEPTACLE D106i	RECEPTA	1080	13	2160			14	1080	RECEPTA	RECEPTACLE D106e		20 1
20 1		RECEPTACLE D106i	RECEPTA	1080	15		2160		16	1080	RECEPTA	RECEPTACLE D106d		20 1
20 1		RECEPTACLE D113	RECEPTA	1080	17			2280	18	1200	GENERAL	PRINTER D113		20 1
20 1		RECEPTACLE D122	RECEPTA	540	19	1620			20	1080	RECEPTA	RECEPTACLE D122		20 1
20 1		RECEPTACLE D122	RECEPTA	540	21		1040		22	500	GENERAL	FAX D105		20 1
20 1		RECEPT. D122, EF-42	RECEPTA	986	23			2186	24	1200	GENERAL	PRINTER D105		20 1
20 1		FLOOR POCKET D100	RECEPTA	720	25	1620			26	900	RECEPTA	RECEPTACLE D100j		20 1
20 1		RECEPTACLE D113	RECEPTA	900	27		2100		28	1200	GENERAL	PRINTER D100j		20 1
20 1		RECEPTACLE D100j	RECEPTA	720	29			1800	30	1080	RECEPTA	RECEPTACLE D106		20 1
20 1		RECEPTACLE D104	RECEPTA	1080	31	2080			32	1000	GENERAL	REFRIGERATOR D104		20 1
20 1		REFRIG. D102	GENERAL	1000	33		2000		34	1000	GENERAL	MICROWAVE D104		20 1
20 1		RECEPTACLE D102	RECEPTA	360	35			860	36	500	GENERAL	COFFEE D104		20 1
20 1		RECEPTACLE D108	RECEPTA	900	37	1260			38	360	RECEPTA	RECEPTACLE D104		20 1
20 1		DISHWASHER D104	GENERAL	800	39		1160		40	360	RECEPTA	RECEPTACLE D104		20 1
20 1		RECEPTACLE D104	RECEPTA	180	41			540	42	360	RECEPTA	RECEPTACLE D104		20 1
30 2		COPIER D104	GENERAL	4000	43	2540			44	540	RECEPTA	RECEPTACLE D108		20 1
''		''		-	45		3080		46	1080	RECEPTA	RECEPTACLE D108		20 1
20 1		RECEPTACLE D108	RECEPTA	540	47			1740	48	1200	GENERAL	PRINTER D108		20 1
20 1		CHANNEL ONE D107	GENERAL	300	49	480			50	180	GENERAL	MICROWAVE D107		20 1
20 1		RECEPTACLE D107	RECEPTA	1080	51		1260		52	180	GENERAL	REFRIGERATOR D107		20 1
20 1		COPIER D107	GENERAL	1000	53			1180	54	180	RECEPTA	RECEPTACLE D107		20 1
20 1		PRINTER D107	GENERAL	1200	55	2327			56	1127	MOTOR L	PROJ. SCREEN D108		20 1
20 1		RECEPTACLE D107	RECEPTA	180	57		1008		58	828	MOTOR L	VAV 16-1		20 1
20 1		FAX D107b	GENERAL	500	59			1300	60	800	MOTOR L	CUH-3		20 1
20 1		VAV 16-2	MOTOR L	828	61	828			62					
20 1		VAV 16-7	MOTOR L	828	63		1656		64	828	MOTOR L	VAV 16-3		20 1
20 1		VAV 16-8	MOTOR L	828	65			1008	66	180	GENERAL	RECEPTACLE D107		20 1
					67	828			68	828	MOTOR L	VAV 15-5		20 1
20 1		VAV 15-4	MOTOR L	828	69		1728		70	900	RECEPTA	RECEPTACLE D108		20 1
20 1		LIGHTS D108b	INTERIO	800	71			800	72					
20 1		LIGHTS D108b	INTERIO	600	73	600			74					
20 1		LIGHTS D108	INTERIO	1600	75		2721		76	1127	MOTOR L	DISPOSAL		20 1
20 1		RECEPTACLE D108a	RECEPTA	360	77			1080	78	720	RECEPTA	RECEPTACLE D108b		20 1
20 1		RECEPTACLE D108a	RECEPTA	360	79	1950			80	4770	NONE	PNL RD1B		100 3
20 1		RECEPTACLE D108a	RECEPTA	360	81		1950		82	-		''		''
20 1		RECEPTACLE D108a	RECEPTA	360	83			1950	84	-		''		''

ALL CONNECTED	KVA	MAX PH AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	67.68	214.1	* A-N	21669.6	180.4	CONNECTED	67.68
TOTAL DEMAND	56.26	180.0	* B-N	25709.0	214.1	DEMAND	56.26
TOTAL DESIGN	57.35	183.3	* C-N	20355.2	169.5	DESIGN	57.35

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Falcon High School #3

New School Address
Falcon, Colorado 80831

RECORD DOCUMENTS

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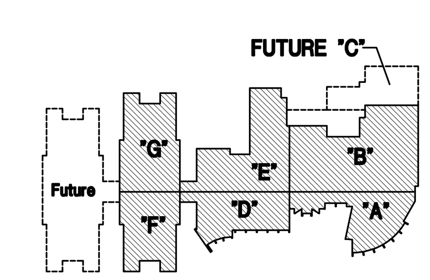
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A Special Place for Everyone

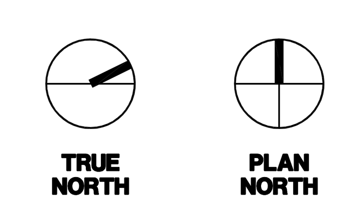
Falcon School District 49
10850 E. Woodmen Road
Falcon, Colorado 80831

Record Documents

Drawn:
Checked: CBW, RLM, GDC
Issued: April 16, 2007
Revised: December 30, 2008

Area Key Plan





ELECTRICAL PANEL SCHEDULES

Not To Scale

E-6.2

New Falcon High School Project No. 05-023
The LKA Partners Incorporated