PANEL: PANEL C1
LOCATION: SITE
FED FROM: TFMR TC SECOND
OC DEVICE TYPE: Breaker
DEVICE FAMILY: Bolt On
ENCLOSURE: NEMA 3R
MOUNTING: Surface
VOLTAGE: 208/120
MAINS(A): 50A BKR
WIRING: 3-Phase 4-Wire
CONTINUOUS(A): 0
BUS SC RATING(A) 10000
FAULT CURRENT(A): 4273

OC AMPS P	NOTES	DESCRIPTION	DEMAND CODE	VA	CKT	PHASE LOADS VA A	B	C	CKT	VA	DEMAND CODE	DESCRIPTION	NOTES	OC AMPS P
20 1		RECEPTACLE	RECEPTA	180	1	780			2	600	GENERAL	FOOTBALL SCOREBOARD*		20 1
20 1		PITCHING MACHINE*	GENERAL	500	3		680		4	180	RECEPTA	RECEPTACLE*		20 1
20 1		SOFTBALL SCOREBOARD*	GENERAL	150	5			150	6					
					7				8					
20 1		SPARE		0	9		0		10	0		SPARE		20 1
20 1		SPARE		0	11			0	12	0		SPARE		20 1

ALL CONNECTED	KVA	MAX PH AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	1.61	6.5	* A-N	780.0	6.5	CONNECTED	1.61
TOTAL DEMAND	1.61	6.5	* B-N	680.0	5.7	DEMAND	1.61
TOTAL DESIGN	1.61	6.5	* C-N	150.0	1.2	DESIGN	1.61

*INDICATES NEW CIRCUIT. PROVIDE NEW CIRCUIT BREAKER.

PANEL: PANEL C2
LOCATION: STORAGE CB100a
FED FROM: TFMR TC SECOND
OC DEVICE TYPE: Breaker
DEVICE FAMILY: Bolt On
ENCLOSURE: NEMA 1
MOUNTING: Surface
VOLTAGE: 208/120
MAINS(A): 225A MLO
WIRING: 3-Phase 4-Wire
CONTINUOUS(A): 0
AIC RATING(A): 10000
FAULT CURRENT(A) 3962

OC AMPS P	NOTES	DESCRIPTION	DEMAND CODE	VA	CKT	PHASE LOADS VA A	B	C	CKT	VA	DEMAND CODE	DESCRIPTION	NOTES	OC AMPS P
20 1		RECEPTACLE CB100	RECEPTA	180	1	1180			2	1000	GENERAL	REFRIG. CB100		20 1
20 1		RECEPTACLE CB100	RECEPTA	180	3		1180		4	1000	GENERAL	COOLER CB100		20 1
20 1		FREEZER CB100	GENERAL	1000	5			1180	6	180	RECEPTA	RECEPTACLE CB100		20 1
20 1		RECEPTACLE CB100	RECEPTA	180	7	360			8	180	RECEPTA	RECEPTACLE CB100		20 1
20 1		RECEPTACLE CB100	RECEPTA	180	9		360		10	180	RECEPTA	RECEPTACLE CB100		20 1
20 1		RECEPTACLE CB100	RECEPTA	180	11			360	12	180	RECEPTA	RECEPTACLE CB100		20 1
20 1		RECEPTACLE CB100	RECEPTA	180	13	3163			14	6000	HEAT	WH-1		40 2
20 1		RCPT, CP-1 CB100a	RECEPTA	900	15		3830		16	-		"		"
20 1		LIGHTS CB101	INTERIO	1190	17			1769	18	600	EXTERIO	LIGHTS		20 1
30 3		EUH-3	HEAT	6506	19	4337			20	6506	HEAT	EUH-1		30 3
"		"		-	21		4337		22	-		"		"
"		"		-	23			4337	24	-		"		"
30 3		EUH-2	HEAT	6506	25	2784			26	667	MOTOR L	EF-1		20 1
"		"		-	27		2784		28	667	MOTOR L	EF-2		20 1
"		"		-	29			2784	30	667	MOTOR L	EF-3		20 1
20 1		MOTOR. GRILLE CB100	MOTOR L	1127	31	2967			32	3680	LARGEST	SE-1		30 2
20 1		MOTOR. GRILLE CB100	MOTOR L	1127	33		2967		34	-		"		"
20 1		HAND DRYER CB102	MOTOR L	1127	35			2254	36	1127	MOTOR L	HAND DRYER CB101		20 1
20 1		SE-1 CONTROL PANEL	GENERAL	300	37	300			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	42.42	128.7	* A-N	15059.3	125.4	CONNECTED	42.42
TOTAL DEMAND	42.42	128.7	* B-N	15459.5	128.7	DEMAND	42.42
TOTAL DESIGN	50.01	152.1	* C-N	12423.1	103.4	DESIGN	50.01

PANEL: PANEL CD1
LOCATION: WORKROOM D107
FED FROM: SDPGR
PROVIDE NON-LINEAR PANELBOARD
OC DEVICE TYPE: Breaker
DEVICE FAMILY: Bolt On
ENCLOSURE: NEMA 1
MOUNTING: Flush
VOLTAGE: 208/120
MAINS(A): 225A MLO
WIRING: 3-Phase 4-Wire
CONTINUOUS(A): 0
BUS SC RATING(A) 10000
FAULT CURRENT(A): 5251

OC AMPS P	NOTES	DESCRIPTION	DEMAND CODE	VA	CKT	PHASE LOADS VA A	B	C	CKT	VA	DEMAND CODE	DESCRIPTION	NOTES	OC AMPS P
20 1		RECEPT D108	RECEPTA	720	1	1260			2	540	RECEPTA	RECEPT D108		20 1
20 1		RECEPT D108	RECEPTA	540	3		1080		4	540	RECEPTA	RECEPT D108		20 1
20 1		RECEPT D108	RECEPTA	540	5			1260	6	720	RECEPTA	RECEPT D108		20 1
20 1		RECEPT D108	RECEPTA	360	7	1080			8	720	RECEPTA	RECEPT D108		20 1
20 1		RECEPT D108	RECEPTA	720	9		1440		10	720	RECEPTA	RECEPT D108		20 1
20 1		SPARE		0	11			720	12	720	RECEPTA	RECEPT D108		20 1
20 1		SPARE		0	13	0			14					
20 1		RECEPT D108	RECEPTA	720	15		720		16					
20 1		RECEPT D108	RECEPTA	720	17			720	18					
					19				20					
20 1		SPARE		0	21		0		22	0		SPARE		20 1
20 1		SPARE		0	23			0	24	0		SPARE		20 1

ALL CONNECTED	KVA	MAX PH AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	8.28	27.0	* A-N	2340.0	19.5	CONNECTED	8.28
TOTAL DEMAND	8.28	27.0	* B-N	3240.0	27.0	DEMAND	8.28
TOTAL DESIGN	8.28	27.0	* C-N	2700.0	22.5	DESIGN	8.28

PANEL: PANEL CF1
LOCATION: STORAGE F103
FED FROM:
PROVIDE NON-LINEAR PANELBOARD.
OC DEVICE TYPE: Breaker
DEVICE FAMILY: Bolt On
ENCLOSURE: NEMA 1
MOUNTING: Surface
VOLTAGE: 208/120
MAINS(A): 225A MLO
WIRING: 3-Phase 4-Wire
CONTINUOUS(A): 0
BUS SC RATING(A) 10000
FAULT CURRENT(A): 8020

OC AMPS P	NOTES	DESCRIPTION	DEMAND CODE	VA	CKT	PHASE LOADS VA A	B	C	CKT	VA	DEMAND CODE	DESCRIPTION	NOTES	OC AMPS P
20 1		FLR PKT F117	RECEPTA	720	1	1440			2	720	RECEPTA	FLR PKT F117		20 1
20 1		FLR PKT F117	RECEPTA	720	3		1440		4	720	RECEPTA	FLR PKT F117		20 1
20 1		FLR PKT F117	RECEPTA	720	5			1440	6	720	RECEPTA	FLR PKT F117		20 1
20 1		FLR PKT F116	RECEPTA	720	7	1440			8	720	RECEPTA	FLR PKT F116		20 1
20 1		FLR PKT F116	RECEPTA	720	9		1440		10	720	RECEPTA	FLR PKT F116		20 1
20 1		FLR PKT F116	RECEPTA	720	11			1440	12	720	RECEPTA	FLR PKT F116		20 1
20 1		FLR PKT F104	RECEPTA	720	13	1440			14	720	RECEPTA	FLR PKT F104		20 1
20 1		FLR PKT F104	RECEPTA	720	15		1440		16	720	RECEPTA	FLR PKT F104		20 1
20 1		FLR PKT F104	RECEPTA	720	17			1440	18	720	RECEPTA	FLR PKT F104		20 1
20 1		FLR PKT F105	RECEPTA	720	19	1440			20	720	RECEPTA	FLR PKT F105		20 1
20 1		FLR PKT F105	RECEPTA	720	21		1440		22	720	RECEPTA	FLR PKT F105		20 1
20 1		FLR PKT F105	RECEPTA	720	23			1440	24	720	RECEPTA	FLR PKT F105		20 1
20 1		RECEPTACLE 115	RECEPTA	360	25	900			26	540	RECEPTA	RECEPTACLE 115		20 1
20 1		RECEPTACLE 115	RECEPTA	540	27		900		28	360	RECEPTA	RECEPTACLE 115		20 1
20 1		RECEPTACLE 115	RECEPTA	540	29			900	30	360	RECEPTA	RECEPTACLE 115		20 1
20 1		RECEPTACLE 115	RECEPTA	540	31	1080			32	540	RECEPTA	RECEPTACLE 115		20 1
20 1		3D PRINTER	GENERAL	1200	33		1740		34	540	RECEPTA	RECEPTACLE F115		20 1
20 1		RECEPTACLE 115	RECEPTA	360	35			360	36					
20 1		RECEPTACLE 115	RECEPTA	360	37	360			38					
20 1		RECEPTACLE 115	RECEPTA	360	39		360		40					
					41				42					

ALL CONNECTED	KVA	MAX PH AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	23.88	72.9	* A-N	8100.0	67.5	CONNECTED	23.88
TOTAL DEMAND	17.54	55.3	* B-N	8760.0	72.9	DEMAND	17.54
TOTAL DESIGN	17.54	55.3	* C-N	7020.0	58.5	DESIGN	17.54

PANEL: PANEL CF2
LOCATION: STORAGE H219
FED FROM: SDPGR
PROVIDE NON-LINEAR PANELBOARD
OC DEVICE TYPE: Breaker
DEVICE FAMILY: Bolt On
ENCLOSURE: NEMA 1
MOUNTING: Surface
VOLTAGE: 208/120
MAINS(A): 225A MLO
WIRING: 3-Phase 4-Wire
CONTINUOUS(A): 0
BUS SC RATING(A) 10000
FAULT CURRENT(A): 7151

OC AMPS P	NOTES	DESCRIPTION	DEMAND CODE	VA	CKT	PHASE LOADS VA A	B	C	CKT	VA	DEMAND CODE	DESCRIPTION	NOTES	OC AMPS P
20 1		RECEPT H203	RECEPTA	180	1	360			2	180	RECEPTA	RECEPT H203		20 1
20 1		RECEPT H203	RECEPTA	180	3		360		4	180	RECEPTA	RECEPT H203		20 1
20 1		RECEPT H203	RECEPTA	180	5			360	6	180	RECEPTA	RECEPT H203		20 1
20 1		RECEPT H203	RECEPTA	180	7	1260			8	1080	RECEPTA	RECEPT H203		20 1
20 1		RECEPT H203	RECEPTA	180	9		1260		10	1080	RECEPTA	RECEPT H203		20 1
20 1		RECEPT H203	RECEPTA	1080	11			2160	12	1080	RECEPTA	RECEPT H203		20 1
20 1		RECEPT H203	RECEPTA	720	13	1440			14	720	RECEPTA	RECEPT H203		20 1
20 1		PRINTER H203	GENERAL	1200	15		1200		16					
20 1		PRINTER H203	GENERAL	1200	17			1200	18					
					19				20					
20 1		SPARE		0	21		0		22	0		SPARE		20 1
20 1		SPARE		0	23			0	24	0		SPARE		20 1

ALL CONNECTED	KVA	MAX PH AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	9.60	31.0	* A-N	3060.0	25.5	CONNECTED	9.60
TOTAL DEMAND	9.60	31.0	* B-N	2820.0	23.5	DEMAND	9.60
TOTAL DESIGN	9.60	31.0	* C-N	3720.0	31.0	DESIGN	9.60

PANEL: PANEL CG1
LOCATION: ELEC. G117
FED FROM: SDPGR
PROVIDE NON-LINEAR PANELBOARD
OC DEVICE TYPE: Breaker
DEVICE FAMILY: Bolt On
ENCLOSURE: NEMA 1
MOUNTING: Surface
VOLTAGE: 208/120
MAINS(A): 225A MLO
WIRING: 3-Phase 4-Wire
CONTINUOUS(A): 0
BUS SC RATING(A) 22000
FAULT CURRENT(A): 11421

OC AMPS P	NOTES	DESCRIPTION	DEMAND CODE	VA	CKT	PHASE LOADS VA A	B	C	CKT	VA	DEMAND CODE	DESCRIPTION	NOTES	OC AMPS P
20 1		FLOOR PKT J201	RECEPTA	720	1	1440			2	720	RECEPTA	FLOOR PKT J201		20 1
20 1		FLOOR PKT J201	RECEPTA	720	3		1440		4	720	RECEPTA	FLOOR PKT J201		20 1
20 1		FLOOR PKT J201	RECEPTA	720	5			1440	6	720	RECEPTA	FLOOR PKT J201		20 1
20 1		FLOOR PKT J201	RECEPTA	720	7	1440			8	720	RECEPTA	RECEPT J201		20 1
20 1		FLOOR PKT J201	RECEPTA	720	9		1080		10	360	RECEPTA	RECEPTACLE G101		20 1
20 1		RECEPT J201	RECEPTA	540	11			900	12	360	RECEPTA	RECEPTACLE G101		20 1
20 1		RECEPTACLE G101	RECEPTA	360	13	720			14	360	RECEPTA	RECEPTACLE G101		20 1
20 1		RECEPTACLE G101	RECEPTA	360	15		720		16	360	RECEPTA	RECEPTACLE G101		20 1
20 1		RECEPTACLE G101	RECEPTA	360	17			720	18	360	RECEPTA	RECEPTACLE G101		20 1
20 1		RECEPTACLE G101	RECEPTA	360	19	720			20	360	RECEPTA	RECEPTACLE G101		20 1
20 1		RECEPTACLE G100	RECEPTA	360	21		720		22	360	RECEPTA	RECEPTACLE G100		20 1
20 1		RECEPTACLE G100	RECEPTA	360	23			720	24	360	RECEPTA	RECEPTACLE G100		20 1
20 1		RECEPTACLE G100	RECEPTA	360	25	720			26	360	RECEPTA	RECEPTACLE G100		20 1
20 1		RECEPTACLE G100	RECEPTA	360	27		720		28	360	RECEPTA	RECEPTACLE G100		20 1
20 1		RECEPTACLE G100	RECEPTA	360	29			720	30	360	RECEPTA	RECEPTACLE G100		20 1
					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	14.22	42.0	* A-N	5040.0	42.0	CONNECTED	14.22
TOTAL DEMAND	12.11	34.9	* B-N	4680.0	39.0	DEMAND	12.11
TOTAL DESIGN	12.11	34.9	* C-N	4500.0	37.5	DESIGN	12.11

PANEL: PANEL CG2
LOCATION: STORAGE J219
FED FROM:
PROVIDE NON-LINEAR PANELBOARD
OC DEVICE TYPE: Breaker
DEVICE FAMILY: Bolt On
ENCLOSURE: NEMA 1
MOUNTING: Flush
VOLTAGE: 208/120
MAINS(A): 225A MLO
WIRING: 3-Phase 4-Wire
CONTINUOUS(A): 0
BUS SC RATING(A) 22000
FAULT CURRENT(A): 10893

OC AMPS P	NOTES	DESCRIPTION	DEMAND CODE	VA	CKT	PHASE LOADS VA A	B	C	CKT	VA	DEMAND CODE	DESCRIPTION	NOTES	OC AMPS P
20 1		FLOOR POCKET	RECEPTA	720	1	1440			2	720	RECEPTA	FLOOR POCKET		20 1
20 1		FLOOR POCKET	RECEPTA	720	3		1440		4	720	RECEPTA	FLOOR POCKET		20 1
20 1		FLOOR POCKET	RECEPTA	720	5			1440	6	720	RECEPTA	FLOOR POCKET		20 1
20 1		FLOOR POCKET	RECEPTA	720	7	1620			8	900	RECEPTA	RECEPTACLE J201		20 1
20 1		FLOOR POCKET	RECEPTA	360	9		360		10					
20 1		RECEPTACLE J201	RECEPTA	540	11			540	12					
					13				14					
					15				16					
					17				18					
					19				20					
20 1		SPARE		0	21		0		22	0		SPARE		20 1
20 1		SPARE		0	23			0	24	0		SPARE		20 1

ALL CONNECTED	KVA	MAX PH AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	6.84	25.5	* A-N	3060.0	25.5	CONNECTED	6.84
TOTAL DEMAND	6.84	25.5	* B-N	1800.0	15.0	DEMAND	6.84
TOTAL DESIGN	6.84	25.5	* C-N	1980.0	16.5	DESIGN	6.84

PANEL: PANEL ELE
LOCATION:
FED FROM: ATS #1
OC DEVICE TYPE: Breaker
DEVICE FAMILY: Bolt On
ENCLOSURE: NEMA 1
MOUNTING: Surface
VOLTAGE: 480/277
MAINS(A): 70A BKR
WIRING: 3-Phase 4-Wire
CONTINUOUS(A): 0
BUS SC RATING(A) 42000
FAULT CURRENT(A): 33103

OC AMPS P	NOTES	DESCRIPTION	DEMAND CODE	VA	CKT	PHASE LOADS VA A	B	C	CKT	VA	DEMAND CODE	DESCRIPTION	NOTES	OC AMPS P
20 1		EXT. LIGHTS	EXTERIO	900	1	2123			2	1251	INTERIO	LIGHTING AREA A		20 1
20 1		EXT. LIGHTS	EXTERIO	1000	3		2930		4	1965	INTERIO	LIGHTING AREA B		20 1
20 1		LIGHTING AREA C	INTERIO	1665	5			2970	6	1305	INTERIO	LIGHTING AREA B		20 1
20 1		LIGHTING AREA D	INTERIO	953	7	953			8					
20 1		LIGHTING AREA E	INTERIO	1860	9		1860		10					
					11				12					
					13	1695			14	5085	NONE	TFMR TERE PRIMARY		30 3
20 1		SPARE		0	15		1695		16	-		"		"
20 1		SPARE		0	17			1695	18	-		"		"
70 3		PNL ELG	NONE	11230	19	4556			20	2437	NONE	TFMR TERB PRIMARY		30 3
"		"		-	21		4556		22	-		"		"
"		"		-	23			4556	24	-		"		"

ALL CONNECTED	KVA	MAX PH AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	29.54	40.2	* A-N	8488.6	30.6	CONNECTED	29.54
TOTAL DEMAND	29.54	40.2	* B-N	11152.8	40.2	DEMAND	29.54
TOTAL DESIGN	33.86	47.1	* C-N	9946.7	35.9	DESIGN	33.86

PANEL: PANEL ELG
LOCATION:
FED FROM: PNL ELE
OC DEVICE TYPE: Breaker
DEVICE FAMILY: Bolt On
ENCLOSURE: NEMA 1
MOUNTING: Surface
VOLTAGE: 480/277
MAINS(A): 100A MLO
WIRING: 3-Phase 4-Wire
CONTINUOUS(A): 0
BUS SC RATING(A) 14000
FAULT CURRENT(A): 4461

OC AMPS P	NOTES	DESCRIPTION	DEMAND CODE	VA	CKT	PHASE LOADS VA A	B	C	CKT	VA	DEMAND CODE	DESCRIPTION	NOTES	OC AMPS P
20 1		EXT. LIGHTING	EXTERIO	800	1	800			2					
20 1		LTG AREA F & G	INTERIO	2105	3		2105		4					
20 1		LTG UPPER F & G	INTERIO	2170	5			2170	6					
					7				8					
					9				10					
					11				12					
					13	2067			14	6200	NONE	TFMR TERG PRIMARY		15 3
20 1		SPARE		0	15		2067		16	-		"		"
20 1		SPARE		0	17			2067	18	-		"		"

ALL CONNECTED	KVA	MAX PH AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	11.23	16.1	* A-N	3125.4	11.3	CONNECTED	11.23
TOTAL DEMAND	11.23	16.1	* B-N	3744.7	13.5	DEMAND	11.23
TOTAL DESIGN	12.49	18.0	* C-N	4450.5	16.1	DESIGN	12.49

PANEL: PANEL EQLE
LOCATION: ELEC ROOM C108
FED FROM:
OC DEVICE TYPE: Breaker
DEVICE FAMILY: Bolt On
ENCLOSURE: NEMA 1
MOUNTING: Surface
VOLTAGE: 480/277
MAINS(A): 70A BKR
WIRING: 3-Phase 4-Wire
CONTINUOUS(A): 0
BUS SC RATING(A) 14000
FAULT CURRENT(A): 28500

OC AMPS P	NOTES	DESCRIPTION	DEMAND CODE	VA	CKT	PHASE LOADS VA A	B	C	CKT	VA	DEMAND CODE	DESCRIPTION	NOTES	OC AMPS P
20 1		EMERG. LTG.	INTERIO	300	1	3666			2	10105	LARGEST	RTU-28		20 3
					3		3368		4	-		"		"
					5			3368	6	-		"		"
45 3		TFMR TEQRE PRI	NONE	25680	7	11087			8	7580	NONE	TFMR TEQRF PRI		20 3
"		"		-	9		11087		10	-		"		"
"		"		-	11			11087	12	-		"		"

ALL CONNECTED	KVA	MAX PH AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	43.66	74.0	* A-N	20497.4	74.0	CONNECTED	43.66
TOTAL DEMAND	43.66	74.0	* B-N	12829.7	46.3	DEMAND	43.66
TOTAL DESIGN	46.26	77.3	* C-N	12382.5	44.7	DESIGN	46.26

PANEL: PANEL EQRE
LOCATION: ELEC ROOM C108
FED FROM:
OC DEVICE TYPE: Breaker
DEVICE FAMILY: Bolt On
ENCLOSURE: NEMA 1
MOUNTING: Surface
VOLTAGE: 208/120
MAINS(A): 100A BKR
WIRING: 3-Phase 4-Wire
CONTINUOUS(A): 0
BUS SC RATING(A) 10000
FAULT CURRENT(A): 1847

OC AMPS P	NOTES	DESCRIPTION	DEMAND CODE	VA	CKT	PHASE LOADS VA A	B	C	CKT	VA	DEMAND CODE	DESCRIPTION	NOTES	OC AMPS P
20 1		RECEPTACLE B102	RECEPTA	360	1	720			2	360	RECEPTA	RECEPTACLE C119		20 1
20 1		ES POWER SUPPLY	GENERAL	500	3		1000		4	500	GENERAL	CAMERA PWR SUPPLY		20 1
20 1		CAMERA PWR SUPPLY	GENERAL	500	5			1000	6	500	GENERAL	LATCH RET. P/S C122		20 1
20 1		SEC. SYS P/S C122	GENERAL	1000	7	1000			8	0		SPARE		20 1
20 1		RECEPTACLE C119	RECEPTA	360	9		1360		10	1000	GENERAL	TRILLION TOWER		20 1
20 1		TRILLION TOWER	GENERAL	1000	11			2800	12	1800	GENERAL	UPS C119		20 1
100 2		UPS C106	GENERAL	16000	13	8000			14					
"		"		-	15		8000		16					
20 1		UPS B102	GENERAL	1800	17			1800	18					
					19				20					
					21				22					
					23				24					

ALL CONNECTED	KVA	MAX PH AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	25.68	94.5	* A-N	10761.6	89.6	CONNECTED	25.68
TOTAL DEMAND	25.68	94.5	* B-N	11343.0	94.5	DEMAND	25.68
TOTAL DESIGN	25.68	94.5	* C-N	5600.0	46.6	DESIGN	25.68

PANEL: PANEL EQRF
LOCATION: STORAGE F103
FED FROM:
OC DEVICE TYPE: Breaker
DEVICE FAMILY: Bolt On
ENCLOSURE: NEMA 1
MOUNTING: Surface
VOLTAGE: 208/120
MAINS(A): 50A BKR
WIRING: 3-Phase 4-Wire
CONTINUOUS(A): 0
BUS SC RATING(A) 10000
FAULT CURRENT(A): 1136

OC AMPS P	NOTES	DESCRIPTION	DEMAND CODE	VA	CKT	PHASE LOADS VA A	B	C	CKT	VA	DEMAND CODE	DESCRIPTION	NOTES	OC AMPS P
20 1		RECEPTACLE F103a	RECEPTA	360	1	720			2	360	RECEPTA	RECEPTACLE H219a		20 1
20 1		ES POWER SUPPLY	GENERAL	500	3		860		4	360	RECEPTA	RECEPTACLE F103a		20 1
20 1		CAMERA PWR SUPPLY	GENERAL	500	5			1000	6	500	GENERAL	SECURITY PANEL J219		20 1
30 2		UPS F103a	GENERAL	5000	7	2500			8					
"		"		-	9		2500		10					
					11				12					
					13				14					
					15				16					
					17				18					

ALL CONNECTED	KVA	MAX PH AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	7.58	30.5	* A-N	3528.7	29.4	CONNECTED	7.58
TOTAL DEMAND	7.58	30.5	* B-N	3656.9	30.5	DEMAND	7.58
TOTAL DESIGN	7.58	30.5	* C-N	1000.0	8.3	DESIGN	7.58

PANEL: PANEL ERB
LOCATION: ELECTRICAL B104
FED FROM: TFMR TERB SECO
OC DEVICE TYPE: Breaker
DEVICE FAMILY: Bolt On
ENCLOSURE: NEMA 1
MOUNTING: Surface
VOLTAGE: 208/120
MAINS(A): 50A BKR
WIRING: 3-Phase 4-Wire
CONTINUOUS(A): 0
BUS SC RATING(A) 10000
FAULT CURRENT(A): 1200

OC AMPS P	NOTES	DESCRIPTION	DEMAND CODE	VA	CKT	PHASE LOADS VA A	B	C	CKT	VA	DEMAND CODE	DESCRIPTION	NOTES	OC AMPS P
					1	50			2	50	INTERIO	CONTRL RM LIGHTS		20 1
					3				4					
					5			390	6	390	INTERIO	AUDITORIUM RM LTS		20 1
20 1	AREA D	F/S DAMPERS	GENERAL	500	7	1000			8	500	GENERAL	F/S DAMPERS	AREA A	20 1
					9		500		10	500	GENERAL	F/S DAMPERS	AREA B	20 1
					11			500	12	500	GENERAL	F/S DAMPERS	AREA C	20 1
					13				14					
					15				16					
20 1		F/A ROOM B104		0	17			0	18					
20 1		SPARE		0	19	0			20					

ALL CONNECTED	KVA	MAX PH AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	2.44	8.7	* A-N	1049.6	8.7	CONNECTED	2.44
TOTAL DEMAND	2.44	8.7	* B-N	500.0	4.2	DEMAND	2.44
TOTAL DESIGN	2.55	8.8	* C-N	888.0	7.4	DESIGN	2.55

PANEL: PANEL ERE
LOCATION: ELECTRICAL C108
FED FROM: TFMR TERE SECO
PROVIDE ISOLATED GROUND BUS
OC DEVICE TYPE: Breaker
DEVICE FAMILY: Bolt On
ENCLOSURE: NEMA 1
MOUNTING: Surface
VOLTAGE: 208/120
MAINS(A): 50A BKR
WIRING: 3-Phase 4-Wire
CONTINUOUS(A): 0
BUS SC RATING(A) 10000
FAULT CURRENT(A): 1397

OC AMPS P	NOTES	DESCRIPTION	DEMAND CODE	VA	CKT	PHASE LOADS VA A	B	C	CKT	VA	DEMAND CODE	DESCRIPTION	NOTES	OC AMPS P
20 1		SPARE		0	1	300			2	300	GENERAL	CONTACTOR COIL C108C		20 1
20 1		SPRINKLER HORN	GENERAL	300	3		800		4	500	GENERAL	F/S DAMPERS	AREA E	20 1
20 1		FOOTBALL STAD EM LTS	EXTERIO	1000	5			1000	6					
20 1		FACP	GENERAL	1000	7	1000			8					
20 1		INTERCOM SYSTEM	GENERAL	1000	9		1000		10					
20 1		GEN. BATTERY CHGR	GENERAL	1000	11			1000	12					
					13				14					
					15				16					
20 1		SPARE		0	17			0	18					
20 1		SPARE		0	19	0			20					

ALL CONNECTED	KVA	MAX PH AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	5.09	16.6	* A-N	1300.0	10.8	CONNECTED	5.09
TOTAL DEMAND	5.09	16.6	* B-N	1800.0	15.0	DEMAND	5.09
TOTAL DESIGN	5.33	18.7	* C-N	1990.7	16.6	DESIGN	5.33

PANEL: PANEL ERG
LOCATION: ELEC ROOM G117
FED FROM: TFMR TERG SECO
OC DEVICE TYPE: Breaker
DEVICE FAMILY: Bolt On
ENCLOSURE: NEMA 1
MOUNTING: Surface
VOLTAGE: 208/120
MAINS(A): 30A BKR
WIRING: 3-Phase 4-Wire
CONTINUOUS(A): 0
BUS SC RATING(A) 10000
FAULT CURRENT(A): 843

OC AMPS P	NOTES	DESCRIPTION	DEMAND CODE	VA	CKT	PHASE LOADS VA A	B	C	CKT	VA	DEMAND CODE	DESCRIPTION	NOTES	OC AMPS P
20 1		GAS PANEL G108	GENERAL	300	1	600			2	300	GENERAL	GAS PANEL G106		20 1
20 1		GAS PANEL G109	GENERAL	300	3		600		4	300	GENERAL	GAS PANEL G108a		20 1
20 1		GAS PANEL G107	GENERAL	300	5			600	6	300	GENERAL	GAS PANEL G106a		20 1
20 1		GAS PANEL G104	GENERAL	300	7	800			8	500	GENERAL	F/S DAMPER	AREA G	20 1
20 1		CONTACTOR COIL G117A	GENERAL	300	9		800		10	500	GENERAL	F/S DAMPER	AREA F UPPER	20 1
20 1	AREA F	F/S DAMPER	GENERAL	500	11			1000	12	500	GENERAL	F/S DAMPER	AREA G UPPER	20 1
20 1		NAC EXTENDER	GENERAL	1000	13	1500			14	500	GENERAL	SECURITY PANEL G117		20 1
20 1		ELEV. CAB LIGHTS	GENERAL	300	15		300		16					
					17				18					
					19				20					
20 1		SPARE		0	21		0		22					
20 1		H215 CONTACTOR		0	23			0	24					

ALL CONNECTED	KVA	MAX PH AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	6.20	24.1	* A-N	2900.0	24.1	CONNECTED	6.20
TOTAL DEMAND	6.20	24.1	* B-N	1700.0	14.2	DEMAND	6.20
TOTAL DESIGN	6.20	24.1	* C-N	1600.0	13.3	DESIGN	6.20

PANEL: PANEL FB
LOCATION: FIELD BLDG.
FED FROM: TFMR TFB SECON
OC DEVICE TYPE: Breaker
DEVICE FAMILY: Bolt On
ENCLOSURE: NEMA 1
MOUNTING: Surface
VOLTAGE: 208/120
MAINS(A): 50A BKR
WIRING: 3-Phase 4-Wire
CONTINUOUS(A): 0
BUS SC RATING(A) 10000
FAULT CURRENT(A): 1316

OC AMPS P	NOTES	DESCRIPTION	DEMAND CODE	VA	CKT	PHASE LOADS VA A	B	C	CKT	VA	DEMAND CODE	DESCRIPTION	NOTES	OC AMPS P
20 1		RECEPTACLE	RECEPTA	180	1	578			2	400	EXTERIO	FIELD BLDG		20 1
					3		720		4	720	RECEPTA	FIELD BLDG.		20 1
					5			540	6	540	RECEPTA	MAINTENANCE BLDG		20 1
30 3		EUH-1	HEAT	5506	7	2461			8	650	INTERIO	FIELD BLDG.		20 1
"		"		-	9		1835		10					
"		"		-	11			1835	12					
					13				14					
20 1		SPARE		0	15		0		16	0		SPARE		20 1
20 1		SPARE		0	17			0	18	0		SPARE		20 1

ALL CONNECTED	KVA	MAX PH AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	7.81	24.8	* A-N	2980.8	24.8	CONNECTED	7.81
TOTAL DEMAND	7.81	24.8	* B-N	2503.1	20.8	DEMAND	7.81
TOTAL DESIGN	9.42	30.7	* C-N	2333.2	19.4	DESIGN	9.42

PANEL: PANEL FC
LOCATION: SITE
FED FROM: PNL FT
OC DEVICE TYPE: Breaker
DEVICE FAMILY: Bolt On
ENCLOSURE: NEMA 3R
MOUNTING: Surface
VOLTAGE: 480/277
MAINS(A): 200A BKR
WIRING: 3-Phase 4-Wire
CONTINUOUS(A): 0
BUS SC RATING(A) 14000
FAULT CURRENT(A): 9405

OC AMPS P	NOTES	DESCRIPTION	DEMAND CODE	VA	CKT	PHASE LOADS VA A	B	C	CKT	VA	DEMAND CODE	DESCRIPTION	NOTES	OC AMPS P
					1				2					
					3				4					
					5				6					
					7				8					
					9				10					
					11				12					
					13	537			14	1610	NONE	TFMR TC PRIMARY		110 3
					15		537		16	-		"		"
					17			537	18	-		"		"

ALL CONNECTED	KVA	MAX PH AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	1.61	2.6	* A-N	730.6	2.6	CONNECTED	1.61
TOTAL DEMAND	1.61	2.6	* B-N	442.3	1.6	DEMAND	1.61
TOTAL DESIGN	1.61	2.6	* C-N	499.3	1.8	DESIGN	1.61

PANEL: PANEL FT
LOCATION: FIELD BLDG
FED FROM: MSB
OC DEVICE TYPE: Breaker
DEVICE FAMILY: Bolt On
ENCLOSURE: NEMA 3R
MOUNTING: Surface
VOLTAGE: 480/277
MAINS(A): 400A BKR
WIRING: 3-Phase 4-Wire
CONTINUOUS(A): 0
BUS SC RATING(A) 25000
FAULT CURRENT(A): 20263

OC AMPS P	NOTES	DESCRIPTION	DEMAND CODE	VA	CKT	PHASE LOADS VA A	B	C	CKT	VA	DEMAND CODE	DESCRIPTION	NOTES	OC AMPS P
30 3		TRMR TFB PRIMARY		8099	1	2700			2					
"		"		-	3		2700		4					
"		"		-	5			2700	6					
					7				8					
					9				10					
					11				12					
					13	537			14	1610	NONE	PNL FC		200 3
					15		537		16	-		"		"
					17			537	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	9.68	12.4	* A-N	3423.5	12.4	CONNECTED	17.01
TOTAL DEMAND	9.68	12.4	* B-N	3137.1	11.3	DEMAND	17.01
TOTAL DESIGN	9.68	12.4	* C-N	3132.7	11.3	DESIGN	18.55

PANEL: PANEL LB
LOCATION: ELECTRICAL B104
FED FROM: MSB
OC DEVICE TYPE: Breaker
DEVICE FAMILY: Bolt On
ENCLOSURE: NEMA 1
MOUNTING: Surface
VOLTAGE: 480/277
MAINS(A): 225A MLO
WIRING: 3-Phase 4-Wire
CONTINUOUS(A): 0
BUS SC RATING(A) 14000
FAULT CURRENT(A): 13721

OC AMPS P	NOTES	DESCRIPTION	DEMAND CODE	VA	CKT	PHASE LOADS VA A	B	C	CKT	VA	DEMAND CODE	DESCRIPTION	NOTES	OC AMPS P
20 1		LTS-WEIGHT RM/AREA B	INTERIO	3935	1	5935			2	2000	INTERIO	LIGHTS B126		20 1
20 2		SIGN TFMR	GENERAL	2020	3		3304		4	2300	INTERIO	LIGHTS B126		20 1
"		"		-	5			3304	6	2300	INTERIO	LIGHTS B126		20 1
20 1		LIGHTS B126	INTERIO	2000	7	6086			8	4086	INTERIO	LIGHTS A103		20 1
20 1		LIGHTS B126	INTERIO	2300	9		4330		10	2030	INTERIO	LIGHTS A100		20 1
20 1		LIGHTS B126	INTERIO	2300	11			4835	12	2535	INTERIO	LIGHTS A100		20 1
20 1		LIGHTS A02	INTERIO	3188	13	3188			14					
20 1		LIGHTS B05	INTERIO	1495	15		4550		16	3055	INTERIO	LIGHTS B103a		20 1
					17			3305	18	3305	INTERIO	LIGHTS C105		20 1
					19				20					
20 1		LIGHTS A03	INTERIO	1940	21		1940		22					
20 1		LIGHTS A03	INTERIO	2100	23			2100	24					
					25				26					
					27				28					
					29				30					
					31				32					
					33				34					
20 1		SPARE		0	35			0	36					
20 1		SPARE		0	37	19710			38	59130	NONE	TFMR TRB PRIMARY		110 3
20 1		SPARE		0	39		19710		40	-		"		"
20 1		SPARE		0	41			19710	42	-		"		"

ALL CONNECTED	KVA	MAX PH AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	101.81	124.4	* A-N	34482.2	124.4	CONNECTED	101.81
TOTAL DEMAND	99.28	122.8	* B-N	33699.7	121.6	DEMAND	99.28
TOTAL DESIGN	110.14	137.6	* C-N	33655.4	121.4	DESIGN	110.14

PANEL: PANEL LC
LOCATION: ELECTRICAL B122
FED FROM: MSB
OC DEVICE TYPE: Breaker
DEVICE FAMILY: Bolt On
ENCLOSURE: NEMA 1
MOUNTING: Surface
VOLTAGE: 480/277
MAINS(A): 225A MLO
WIRING: 3-Phase 4-Wire
CONTINUOUS(A): 0
BUS SC RATING(A) 14000
FAULT CURRENT(A): 13948

OC AMPS P	NOTES	DESCRIPTION	DEMAND CODE	VA	CKT	PHASE LOADS VA A	B	C	CKT	VA	DEMAND CODE	DESCRIPTION	NOTES	OC AMPS P
20 3		WASHER	GENERAL	12465	1	4155			2					
"		"		-	3		4155		4					
"		"		-	5			6776	6	2635	INTERIO	LIGHTS B03		20 1
					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					
20 1		SPARE		0	37	18297			38	54890	NONE	TFMR TRC PRIMARY		170 3
20 1		SPARE		0	39		18297		40	-		"		"
20 1		SPARE		0	41			18297	42	-		"		"

ALL CONNECTED	KVA	MAX PH AMPS	* PHASE TOTALS	VA	AMPS	BUS TOTALS	KVA
TOTAL CONNECTED	69.97	85.9	* A-N	22899.4	82.6	CONNECTED	69.97
TOTAL DEMAND	69.97	85.9	* B-N	23312.3	84.1	DEMAND	69.97
TOTAL DESIGN	72.16	89.9	* C-N	23807.1	85.9	DESIGN	72.16

PANEL: PANEL LE
LOCATION: ELEC. ROOM C108
FED FROM: MSB
OC DEVICE TYPE: Breaker
DEVICE FAMILY: Bolt On
ENCLOSURE: NEMA 1
MOUNTING: Surface
VOLTAGE: 480/277
MAINS(A): 100A MLO
WIRING: 3-Phase 4-Wire
CONTINUOUS(A): 0
BUS SC RATING(A) 35000
FAULT CURRENT(A): 32462

OC AMPS P	NOTES	DESCRIPTION	DEMAND CODE	VA	CKT	PHASE LOADS VA A	B	C	CKT	VA	DEMAND CODE	DESCRIPTION	NOTES	OC AMPS P
20 1		PARK. LIGHTS	EXTERIO	1800	1	3300			2	1500	EXTERIO	PARK. LIGHTS		20 1
20 1		PARK. LIGHTS	EXTERIO	2400	3		3300		4	900	EXTERIO	PARK. LIGHTS		20 1
20 1		PARK. LIGHTS	EXTERIO	1200	5			2550	6	1350	EXTERIO	PARK. LIGHTS		20 1
20 1		PARK. LIGHTS	EXTERIO	1500	7	2250			8	750	EXTERIO	PARK. LIGHTS		20 1
20 1		PARK. LIGHTS	EXTERIO	1200	9		1200		10					
					11				12					
					13				14					
					15				16					
					17				18					
20 1		EXT. LIGHTS	EXTERIO	800	19	3586			20	2819	INTERIO	LIGHTS D100		20 1
20 1		LIGHTS D108	INTERIO	1800	21		4848		22	3048	INTERIO	LIGHTS D106a		20 1
20 1		LIGHTS D108	INTERIO	2163	23			3478	24	1315	INTERIO	LIGHTS D107a		20 1
20 1		LIGHTS C115	INTERIO	2990	25	5925			26	2935	INTERIO	LIGHTS C121		20 1
20 1		LIGHTS C05	INTERIO	1985	27		5105		28	3120	INTERIO	LIGHTS C124		20 1
20 1		LIGHTS C109	INTERIO	2145	29			4935	30	2790	INTERIO	LIGHTS D01		20 1
20 1		LIGHTS E106	INTERIO	1825	31	3318			32	1500	GENERAL	CAMERA HEATER		20 1
20 1		LIGHTS E105	INTERIO	1710	33		3702		34	2000	GENERAL	CAMERA HEATER		20 1
					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	47.05	65.7	* A-N	18208.8	65.7	CONNECTED	47.05
TOTAL DEMAND	47.05	65.7	* B-N	17989.5	64.9	DEMAND	47.05
TOTAL DESIGN	57.94	80.8	* C-N	10859.5	39.2	DESIGN	57.94

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Falcon High School #3

New School Address
Falcon, Colorado 80831

RECORD DOCUMENTS

These Record Documents have been prepared based on information (marked-up prints, drawings and other data) provided to the Architect by the Contractor. The Architect has not verified the accuracy and/or completeness of this information and shall not be responsible for the errors or omissions which may be incorporated herein as a result.

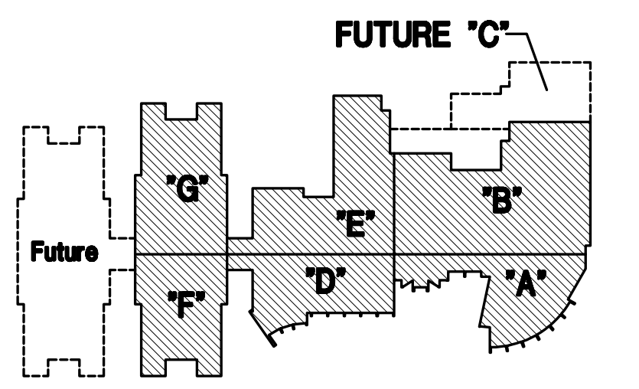
FALCON SCHOOL DISTRICT 49
A Special Place for Everyone

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



TRUE NORTH
PLAN NORTH

ELECTRICAL PANEL SCHEDULES

Not To Scale

E-6.1

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