

PANEL SCHEDULE															
PANEL: BL5		LOCATION: BLOCKS East		VOLTS: 120 / 208				3 PH 4 W							
NO. POLES: 42		BUS RATING: 200A		MAIN LUG ONLY				MOUNTING: SURFACE							
FEATURES: NEMA 3R ENCL				10 KA INTERRUPTING CAP.											
DESCRIPTION	NOTES	VA	TYPE	BRKR	P	CKT	PH	CKT	P	BRKR	TYPE	VA	DESCRIPTION	NOTES	
EVENT LOAD		1400	R	20	1	1	A	2	1	20	R	1400	EVENT LOAD		
EVENT LOAD		1400	R	20	1	3	B	4	1	20	R	1400	EVENT LOAD		
EVENT LOAD		1400	R	20	1	5	C	6	1	20	R	1400	EVENT LOAD		
EVENT LOAD		1400	R	20	1	7	A	8	1	20	R	1400	EVENT LOAD		
EVENT LOAD		1400	R	20	1	9	B	10	1	20	R	1400	EVENT LOAD		
FAIR HOT TUB VENDOR		3900	R	50	1	11	C	12	30				SPARE		
FAIR HOT TUB VENDOR		3900	R	50	2	13	A	14	2				SPARE		
FAIR HOT TUB VENDOR		3900	R	50	1	15	B	16	1	20			SPARE		
FAIR HOT TUB VENDOR		3900	R	50	1	17	C	18	1	20			SPARE		
SPARE						20	1	19	A	20	1	20	SPARE		
SPARE						20	1	21	B	22	1	20	SPARE		
SPARE						20	1	23	C	24	1	20	SPARE		
						25	A	26							
						27	B	28							
						29	C	30							
						31	A	32							
						33	B	34							
						35	C	36							
						37	A	38							
						39	B	40							
						41	C	42							

LOAD SUMMARY:		DEMAND		CONNECTED		EST. MAX. DEMAND:	
LOAD TYPE	CONN.	pf	FACTOR	DEMAND	PHASE LOADING	EST. MAX. DEMAND:	MIN. FEEDER AMPACITY:
P=PANELS	0.90	1.00			PHASE A: 9.5	21.7 kVA	69.4 A
L=LIGHTING	0.85	1.00			PHASE B: 9.5		
R=RECEPTACLES	29.6	0.85	50% OF > 10k	19.6	PHASE C: 10.8		
A=APPLIANCES	0.80	0.50			[LARGEST MOT C Kw]		
M=MOTORS	0.60	1.00			NOTES:		
3M=3PH MOTORS	0.90	1.25			1. EXISTING LOAD TO REMAIN.		
H=HEATERS	1.00	1.00					
D=SPARE	0.85	0.50					
TOTAL	29.6 kVA	0.85		21.7 kVA			

PANEL SCHEDULE															
PANEL: BL6		LOCATION: BLOCKS East		VOLTS: 120 / 208				3 PH 4 W							
NO. POLES: 42		BUS RATING: 200A		MAIN LUG ONLY				MOUNTING: SURFACE							
FEATURES: NEMA 3R				10 KA INTERRUPTING CAP.											
DESCRIPTION	NOTES	VA	TYPE	BRKR	P	CKT	PH	CKT	P	BRKR	TYPE	VA	DESCRIPTION	NOTES	
EVENT LOAD		1400	R	20	1	1	A	2	1	20	R	1400	EVENT LOAD		
EVENT LOAD		1400	R	20	1	3	B	4	1	20	R	1400	EVENT LOAD		
EVENT LOAD		1400	R	20	1	5	C	6	1	20	R	1400	EVENT LOAD		
EVENT LOAD		1400	R	20	1	7	A	8	1	20	R	1400	EVENT LOAD		
EVENT LOAD		1400	R	20	1	9	B	10	1	20	R	1400	EVENT LOAD		
FAIR HOT TUB VENDOR		3900	R	50	1	11	C	12	30				SPARE		
FAIR HOT TUB VENDOR		3900	R	50	2	13	A	14	2				SPARE		
FAIR HOT TUB VENDOR		3900	R	50	1	15	B	16	1	20			SPARE		
FAIR HOT TUB VENDOR		3900	R	50	1	17	C	18	1	20			SPARE		
SPARE						20	1	19	A	20	1	20	SPARE		
SPARE						20	1	21	B	22	1	20	SPARE		
SPARE						20	1	23	C	24	1	20	SPARE		
						25	A	26							
						27	B	28							
						29	C	30							
						31	A	32							
						33	B	34							
						35	C	36							
						37	A	38							
						39	B	40							
						41	C	42							

LOAD SUMMARY:		DEMAND		CONNECTED		EST. MAX. DEMAND:	
LOAD TYPE	CONN.	pf	FACTOR	DEMAND	PHASE LOADING	EST. MAX. DEMAND:	MIN. FEEDER AMPACITY:
P=PANELS	0.90	1.00			PHASE A: 9.5	17.9 kVA	49.6 A
L=LIGHTING	0.98	1.00			PHASE B: 9.6		
R=RECEPTACLES	21.0	0.85	50% OF > 10k	15.9	PHASE C: 6.7		
A=APPLIANCES	0.80	0.80			[LARGEST MOT C Kw]		
M=MOTORS	0.60	1.00			NOTES:		
3M=3PH MOTORS	0.90	1.25			1. EXISTING LOAD TO REMAIN.		
H=HEATERS	1.00	1.00					
D=SPARE	0.85	0.50					
TOTAL	21.8 kVA	0.85		17.9 kVA			

PANEL SCHEDULE															
PANEL: BL7		LOCATION: BLOCKS East		VOLTS: 120 / 208				3 PH 4 W							
NO. POLES: 30		BUS RATING: 200A		MAIN LUG ONLY				MOUNTING: SURFACE							
FEATURES: NEMA 3R				10 KA INTERRUPTING CAP.											
DESCRIPTION	NOTES	VA	TYPE	BRKR	P	CKT	PH	CKT	P	BRKR	TYPE	VA	DESCRIPTION	NOTES	
RECEPTACLES		1400	R	20	1	1	A	2	50				SPARE		
RECEPTACLES		1400	R	20	1	3	B	4	2				SPARE		
RECEPTACLES		1400	R	20	1	5	C	6	1	20	R	1400	EVENT LOAD		
RECEPTACLES		1400	R	20	1	7	A	8	1	20	R	1400	EVENT LOAD		
RECEPTACLES		1400	R	20	1	9	B	10	1	20	R	1400	EVENT LOAD		
SPARE (EVENT LOAD)		1000	R	20	1	11	C	12	30				SPARE		
SPARE		1000	R	20	1	13	A	14	2				SPARE		
SPARE		1000	R	20	1	15	B	16	2	20SWD	L	930	EX AREA LIGHTING, CENTER MAST		
SPARE		1000	R	20	1	17	C	18	2	20SWD	L	930	EX AREA LIGHTING, CENTER MAST		
SPARE		19	A	20	2	20SWD	L	930					MAIN ST. LIGHTING		
SPARE		21	B	22									MAIN ST. LIGHTING		
SPARE		23	C	24	2	20SWD	L	930					MAIN ST. LIGHTING		
SPARE		25	A	26									MAIN ST. LIGHTING		
SPARE		27	B	28	1	20SWD	L	930					MAIN ST. LIGHTING		
SPARE		29	C	30	1	20SWD	L	930					MAIN ST. LIGHTING		
SPARE		31	A	32									MAIN ST. LIGHTING		
SPARE		33	B	34									MAIN ST. LIGHTING		
SPARE		35	C	36									MAIN ST. LIGHTING		
SPARE		37	A	38									MAIN ST. LIGHTING		
SPARE		39	B	40									MAIN ST. LIGHTING		
SPARE		41	C	42									MAIN ST. LIGHTING		

LOAD SUMMARY:		DEMAND		CONNECTED		EST. MAX. DEMAND:	
LOAD TYPE	CONN.	pf	FACTOR	DEMAND	PHASE LOADING	EST. MAX. DEMAND:	MIN. FEEDER AMPACITY:
P=PANELS	0.90	1.00			PHASE A: 7.1	19.2 kVA	56.9 A
L=LIGHTING	5.6	0.98	1.00	5.6	PHASE B: 8.7		
R=RECEPTACLES	13.8	0.85	50% OF > 10k	11.9	PHASE C: 5.7		
A=APPLIANCES	0.80	0.50			[LARGEST MOT C Kw]		
M=MOTORS	0.60	1.00			NOTES:		
3M=3PH MOTORS	0.90	1.25			1. EXISTING LOAD TO REMAIN.		
H=HEATERS	1.00	1.00					
D=SPARE	0.85	0.50					
TOTAL	19.2 kVA	0.89		19.2 kVA			

PANEL SCHEDULE																
METER CENTER: MC4		LOCATION: BLOCKS East		VOLTS: 120 / 208				3 PH 4 W								
BUS RATING: 600A		BUS RATING: 600A		600 AMP MAIN BREAKER				MOUNTING: SURFACE								
FEATURES: NEMA 3R ENCL				10 KA INTERRUPTING CAP.												
CIRCUIT NO.	DESCRIPTION	LOAD	TYPE	MIN BRKR	DESCRIPTION	LOAD	TYPE	MIN BRKR	DESCRIPTION	LOAD	TYPE	MIN BRKR	DESCRIPTION	LOAD	TYPE	MIN BRKR
1	EX PANEL BL1	16.0	P	55.8	EX PANEL	16.0	P	55.8	EX PANEL	16.0	P	55.8	EX PANEL	16.0	P	55.8
2	PANEL BL2	17.9	P	29.3		17.9	P	29.3		17.9	P	29.3		17.9	P	29.3
3	PANEL BL5	21.7	P	34.4		21.7	P	34.4		21.7	P	34.4		21.7	P	34.4
4	PANEL BL6	17.9	P	29.3		17.9	P	29.3		17.9	P	29.3		17.9	P	29.3
5	PANEL BL7	20.1	P	31.8		20.1	P	31.8		20.1	P	31.8		20.1	P	31.8
6	EX PANEL CAFE1	18.0	P	28.5	EX PANEL	18.0	P	28.5	EX PANEL	18.0	P	28.5	EX PANEL	18.0	P	28.5
7	SHEEP & SWINE BLD	36.0	P	57.0	FUTURE SERVICE CONNECTION	36.0	P	57.0	FUTURE SERVICE CONNECTION	36.0	P	57.0	FUTURE SERVICE CONNECTION	36.0	P	57.0
8																
9																
10																
11																
12																
13																
14																
15																

LOAD SUMMARY:		DEMAND		CONNECTED		EST. MAX. DEMAND:	
LOAD TYPE	CONN.	pf	FACTOR	DEMAND	PHASE LOADING	EST. MAX. DEMAND:	MIN. FEEDER AMPACITY:
P=PANELS	149.6	0.90			PHASE A: 134.6	134.6 kVA	307 kVA
L=LIGHTING	0.0	0.80			PHASE B: 0.0		
R=RECEPTACLES	0.0	0.90			PHASE C: 0.0		
A=APPLIANCES	0.0	0.80			[LARGEST MOT C Kw]		
M=MOTORS	0.0	1.00			NOTES:		
3M=3PH MOTORS	0.0	1.25			1. EXISTING LOAD TO REMAIN.		
H=HEATERS	0.0	1.00					
D=SPARE	0.0	0.50					
TOTAL	149.6 kVA	0.90		134.6 kVA			

PANEL SCHEDULE															
PANEL: BL2		LOCATION: BLOCKS West		VOLTS: 120 / 208				3 PH 4 W							
NO. POLES: 30		BUS RATING: 200A		MAIN LUG ONLY				MOUNTING: SURFACE							