

NOTE:

1. SEE SHEET E-001 FOR LEGEND AND GENERAL NOTES.

PO BOX 301
FREEPORT, MAINE
04032

TEL 207-865-1272
FAX 207-865-XXXX
WWW.DOMUSARCHITECTS.NET

NOTES/ REVISIONS

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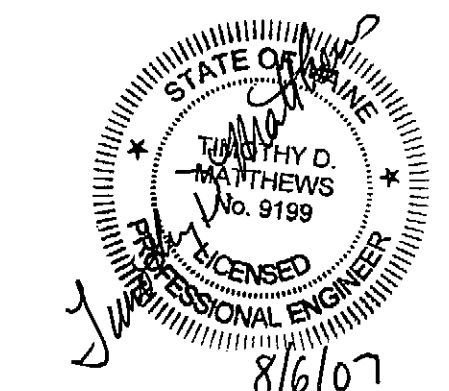
**PORTLAND
SEA DOGS
CLUB HOUSE**

HADLOCK FIELD
PORTLAND, ME

ISSUED FOR
CONSTRUCTION
8/6/07

E-601

**ELECTRICAL
PANEL
SCHEDULES**



SWIFTCURRENT
Engineering Services
273 Main Street
Yarmouth, ME 04096
Tel: (207) 847-9280

DIRECTORY	KVA LOAD			CKT #	BKR AMPS	PHASE	BKR AMPS	CKT #	KVA LOAD			DIRECTORY	
	A	B	C						A	B	C		
	3.5			1		A		2	*				
HVAC-1		3.5		3	25	B		4		*		SPACE	
			3.5	5		C		6			*		
HVAC-2		3.5		7	25	A		8	*				
				9		B		10		*		SPACE	
			3.5	11		C		12			*		
	3.0			13		A		14	*				
HVAC-3		3.0		15	20	B		16		*		SPACE	
			3.0	17		C		18			*		
EH-1	2.0			19	20	A		20	*				
EH-2		2.0		21	20	B		22		*		SPACE	
HP-1			5.0	23	30	C		24			*		
HP-2	5.0			25	30	A		26	13.5				
SPARE		*		27	20	B	200	28		13.5		TRANSFORMER T1 (150 KVA)	
SPARE			*	29	20	C		30				(SEE NOTE 1)	
SUBTOTAL	17.0	12.0	15.0						13.5	13.5	13.5	SUBTOTAL	
VOLTAGE: 480Y/277V PHASE: 3 POLES: 4				TOTAL KVA A-PHASE				30.5				PANEL	LP-1
MAIN BREAKER: 300A BUS AMPS: 400A				TOTAL KVA B-PHASE				25.5					
MOUNTING: SURFACE				TOTAL KVA C-PHASE				28.5				LOCATION	OUTSIDE CLUBHOUSE
SHORT CIRCUIT RATING: 25KAIC				TOTAL KVA				84.5					
NOTES: (1) INCLUDES NEW LOADS ONLY (DOES NOT INCLUDE EXISTING LOADS IN PANEL MP)													

DIRECTORY	KVA LOAD			CKT #	BKR AMPS	PHASE	BKR AMPS	CKT #	KVA LOAD			DIRECTORY	
	A	B	C						A	B	C		
	X			1		A		2	X			EMERGENCY PANEL (1)	
PANEL LPC (1)		X		3	100	B	80	4		X			
			X	5		C		6			*	BULL PEN LIGHTS (2)	
CELL ONE SIGN (1)	X			7	30	A		8	*				
		X		9		B	20	10		X		HANDICAP LIFT (1)	
LL BEAN BOOTH RECEP (1)			X	11	20	C	20	12			*	BATH OUTLETS (2)	
	X			13	20	A	20	14	*			WATER HEATER (2)	
VIDEO CAMERA (1)		X		15	20	B		16		X		CONCESSION STAND (1)	
SPACE			*	17		C	100	18			X		
SPACE	*			19		A		20	8.4				
SPACE		*		21		B	100	22	10.5			PANEL PP-1	
SPACE		*		23		C	(3)	24		8.1			
SPACE	*			25		A		26	4.7				
SPACE		*		27		B	100	28	4.2			PANEL PP-2	
SPACE		*		29		C	(3)	30		4.6			
SUBTOTAL	*	*	*						13.1	14.7	12.7	SUBTOTAL	
VOLTAGE: 208Y/120V PHASE: 3 POLES: 4				TOTAL KVA A-PHASE				13.1				PANEL	MP
MAIN BREAKER: 400A BUS AMPS: 100A				TOTAL KVA B-PHASE				14.7					
MOUNTING: SURFACE				TOTAL KVA C-PHASE				12.7				LOCATION	OUTSIDE CLUBHOUSE
SHORT CIRCUIT RATING: 10KAIC				TOTAL KVA				40.5					
NOTES: (1) EXISTING PANEL (1) EXISTING LOAD (TO REMAIN) (2) EXISTING LOAD (TO BE REMOVED) - BREAKER TO BECOME SPARE (3) NEW BREAKER AND SERVICE													

DIRECTORY	KVA LOAD			CKT #	BKR AMPS	PHASE	BKR AMPS	CKT #	KVA LOAD			DIRECTORY	
	A	B	C						A	B	C		
LOUNGE LIGHTS	0.6			1	20	A		2	2.5			DRYER 1	
LOCKER ROOM		1.0		3	20	B	40 (1)	4		2.5			
BATH/LAUNDRY/STOR LIGHTS			0.9	5	20	C		6		1.0		WASHER 1	
MNGR OFFICE/BATH LIGHTS	0.5			7	20	A	20	8	0.1			WH-1	
COACH OFF/BATH/HALL LIGHTS		0.8		9	20	B	20	10		1.2		WHIRLPOOL	
WEIGHT ROOM LIGHTS			0.8	11	20	C	20	12		1.2		WHIRLPOOL	
BATTING CAGE LIGHTS	0.9			13	20	A	20	14	0.3			EGRESS LIGHTING	
BATTING CAGE LIGHTS		0.9		15	20	B	20	16		0.6		COACH OFFICE RECEP (S)	
BATTING CAGE LIGHTS			0.9	17	20	C	20	18		0.2		CLOSET 113 RECEP	
KITCHEN CKT #1	0.6			19	20	A	20	20	0.2			BULLPEN BENCH/STAIR LIGHTS	
KITCHEN CKT #2		0.6		21	20	B	20	22		0.8		TRAINERS ROOM LIGHTS	
KITCHEN CKT #3			0.6	23	20	C	20	24		0.4		FITZPATRICK BATHROOM GFIS	
LOUNGE RECEP (S)	0.9			25	20	A	20	26	0.2			FITZPATRICK BATHROOM LIGHTS	
LOUNGE CPU RECEP (S)		0.4		27	20	B	20	28		0.2		BULLPEN BENCH RECEP	
TRAINER RECEP (S)		0.9		29	20	C	20	30		0.2		STORAGE BELOW STANDS LTS.	
TRAINER OFFICE RECEP (S)	0.8			31	20	A	20	32	*			SPARE	
TRAINER ICE MAKER		0.2		33	20	B	20	34		*		SPARE	
COACH BATH/TRAINER RECEP (S)			0.8	35	20	C	20	36		*		SPARE	
COACH OFFICE RECEP (S)	0.8			37	20	A	20	38	*			SPARE	
MNGR OFFICE RECEP (S)		1.1		39	20	B	20	40		*		SPARE	
MNGR BATH RECEP (S)		0.2		41	20	C	20	42		*		SPARE	
SUBTOTAL	5.1	5.0	5.1						3.3	5.5	3.0	SUBTOTAL	
VOLTAGE: 208Y/120V PHASE: 3 POLES: 4				TOTAL KVA A-PHASE				8.4				PANEL	PP-1
MAIN BREAKER: 100A BUS AMPS: 100A				TOTAL KVA B-PHASE				10.5					
MOUNTING: RECESSED				TOTAL KVA C-PHASE				8.1				LOCATION	CORRIDOR 112
SHORT CIRCUIT RATING: 10KAIC				TOTAL KVA				27.0					
NOTES: (1) COORDINATE WITH EQUIPMENT FURNISHED													

DIRECTORY	KVA LOAD			CKT #	BKR AMPS	PHASE	BKR AMPS	CKT #	KVA LOAD			DIRECTORY	
	A	B	C						A	B	C		
EF-1	1.2			1	20	A	20	2	*			SPARE	
EF-2		0.7		3	20	B	20	4		*		SPARE	
EF-3			0.7	5	20	C	20	6		*		SPARE	
EF-4	0.7			7	20	A	20	8	*			SPARE	
PLAYER BATH RECEP (S)		0.9		9	20	B	20	10		*		SPARE	
STORAGE/LAUNDRY RECEP (S)			0.8	11	20	C	20	12		*		SPARE	
LOCKER RECEP (S)	0.8			13	20	A	20	14	*			SPARE	
CARDIO EQUIP RECEP (S)		1.0		15	20	B	20	16		*		SPARE	
CARDIO EQUIP RECEP (S)			1.0	17	20	C	20	18		*		SPARE	
CARDIO EQUIP RECEP (S)	1.0			19	20	A	20	20	*			SPARE	
CARDIO EQUIP RECEP (S)		1.0		21	20	B	20	22		*		SPARE	
CARDIO EQUIP RECEP (S)			1.0	23	20	C	20	24		*		SPARE	
CARDIO EQUIP RECEP (S)	1.0			25	20	A	20	26	*			SPARE	
WEIGHT ROOM RECEP (S)		0.6		27	20	B	20	28		*		SPARE	
BATTING CAGE RECEP (S)			1.1	29	20	C	20	30		*		SPARE	
SUBTOTAL	4.7	4.2	4.6						*	*	*	SUBTOTAL	
VOLTAGE: 208Y/120V PHASE: 3 POLES: 4				TOTAL KVA A-PHASE				4.7				PANEL	PP-2
MAIN BREAKER: 100A BUS AMPS: 100A				TOTAL KVA B-PHASE				4.2					
MOUNTING: RECESSED				TOTAL KVA C-PHASE				4.6				LOCATION	CORRIDOR 112
SHORT CIRCUIT RATING: 10KAIC				TOTAL KVA				13.5					
NOTES: (1) COORDINATE WITH EQUIPMENT FURNISHED													