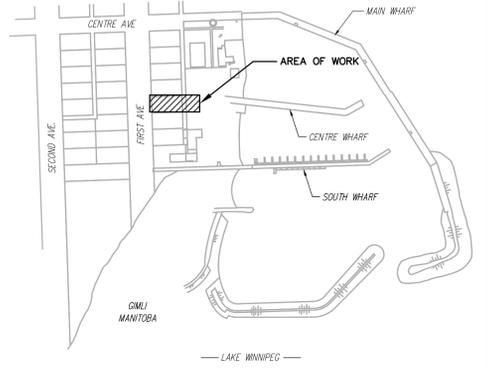


MAIN FLOOR PLAN - POWER REQUIREMENTS
SCALE: 1:50

120/240 VOLT TYPE : POW-R-LINE 1										REMARKS: BREAKERS 18KA RATED									
225 AMP MAINS MOUNTING : SURFACE										LOCATION : BOATHOUSE STORAGE									
1 PHASE, 3 WIRE FED FROM : SPLITTER																			
DESCRIPTION OF LOAD	WATTAGE		CCT No.	BKR AMP	SN A	BKR AMP B	CCT No.	WATTAGE		DESCRIPTION OF LOAD									
	#A	#B						#A	#B										
UH-2, UH-3	1050		1	15		30	2	375		DF-1									
		1050	3			4	6	375											
UH-1	600		5	15		30	8	375		DF-2									
	600		7			8	8	375											
MUA-1	5500		9	70		30	10	375		DF-3									
	5500		11			12	12	375											
EF-3	400		13	15		15	14	600		EF-1									
WH-1	400		15	15		16	16	600											
MUA-1 SERVICE RECEPTACLE	400		17	15		18	18	600		EF-2									
RECEPT. - BOATHOUSE	800		19	20		20	20	600											
RECEPT. - BOATHOUSE	800		21	20		22	20	200		OH-2									
RECEPT. - WASHING MACHINE	500		23	15		24	24	200											
RECEPT. - WORKSHOP	500		25	20		26	26	600		OH-1									
RECEPT. - WORKSHOP	500		27	20		28	28	600											
HAND DRYER	950		29	15		30	30	5700		WELDING RECEPTACLE									
TSPM-1	200		31	15		32	32	5700											
EXTERIOR LIGHTING	1000		33	15		34	34	1000		GAS DRYER									
RECEPT. - TELEPHONE BOARD	500		35	20		36	36	750		BATHROOM BASEBOARD HEATER									
GAS DETECTION SYSTEM	400		37	15		38	38	5000		VAKTA VESSEL RECEPTACLE									
RECEPT. - OUTDOOR GFI	1000		39	20		40	40	5000											
RECEPT. - OUTDOOR GFI	1000		41	20		42	42	5700		WELDING RECEPTACLE									
RECEPT. - OUTDOOR GFI	1000		43	20		44	44	5700											
WELDING RECEPTACLE	5700		45	*60		46	46	5700		WELDING RECEPTACLE									
	5700		47	*60		48	48	5700											
SPLIT RECEPT. - WORKSHOP	1000		49	15		50	50	1000		SPLIT RECEPT. - WORKSHOP									
			51			52		1000											
			53			54													
			55			56													
			57			58													
			59			60													
			61			62													
			63			64													
			65			66													
SPARE			67	15		68				SPARE									
SPARE			69	15		70				SPARE									
SPARE			71	15		72				SPARE									

* PRIOR TO PURCHASING CIRCUIT BREAKER, CONFIRM REQUIREMENTS OF WELDER WITH OWNER.

120/240 VOLT TYPE : POW-R-LINE 1										REMARKS: BREAKERS 18KA RATED									
100 AMP MAINS MOUNTING : SURFACE										LOCATION : BOATHOUSE STORAGE									
1 PHASE, 3 WIRE FED FROM : SPLITTER																			
DESCRIPTION OF LOAD	WATTAGE		CCT No.	BKR AMP	SN A	BKR AMP B	CCT No.	WATTAGE		DESCRIPTION OF LOAD									
	#A	#B						#A	#B										
LTG. - BOATHOUSE	800		1	15		15	2			FUTURE SECURITY CONTROLS									
LTG. - BOATHOUSE	800		3	15			4												
LTG. - WORKSHOP	800		5	15		6	6												
EXIT SIGNS	200		7	15		8	8												
			9			10													
			11			12													
			13			14													
			15			16													
			17			18													
			19			20													
SPARE			21	15		22				SPARE									
SPARE			23	15		24				SPARE									



KEY PLAN
N.T.S.

Department of Fisheries and Oceans Canada
Small Craft Harbours
Central and Arctic Region

JML Engineering
105 Villa Street, 2nd Floor
Thunder Bay, ON P7A 7W5
Phone: 807.345.1131
Fax: 807.345.1229
Email: info@jmleng.com

No.	Revision	Date	Initial
4	RE-ISSUED FOR CONSTRUCTION	JULY 5/17	FG
3	RE-ISSUED FOR CONSTRUCTION	JUN. 26/17	FG
2	RE-ISSUED FOR CONSTRUCTION	JUN. 23/17	FG
1	RE-ISSUED FOR CONSTRUCTION	DEC. 21/16	FG
0	ISSUED FOR CONSTRUCTION	DEC. 16/16	FG
A	ISSUED FOR CLIENT REVIEW	DEC. 13/16	FG

Notes:
1. CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING DIMENSIONS AND EXISTING CONDITIONS AT THE OUTSET OF CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER. DO NOT PROCEED WITHOUT FURTHER WRITTEN DIRECTION FROM THE ENGINEER.
2. DRAWING SHOWS GENERAL ARRANGEMENT ONLY. DO NOT SCALE.

Approved: [Signature] F. GORENSZACH
Member 36145
PROFESSIONAL ENGINEER

TBT ENGINEERING CONSULTING GROUP
Thunder Bay Phone: (807) 624-5160
E-mail: info@tbt.ca

SAR BOATHOUSE AND WORKSHOP
GIMLI, MANITOBA MANITOBA

ELECTRICAL BOATHOUSE FLOOR PLAN POWER REQUIREMENTS PANEL SCHEDULES

APECN
Certificate of Authorization
JML Engineering Ltd.
No. 2186 Date: June 26 2017

ELECTRICAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH MECHANICAL DRAWINGS

Scale:	Drawn By:	Date:
1:50	SN Ckd. By: FG	JULY 2017
	Dwg. No.: 16-336-E3	Rev. 4