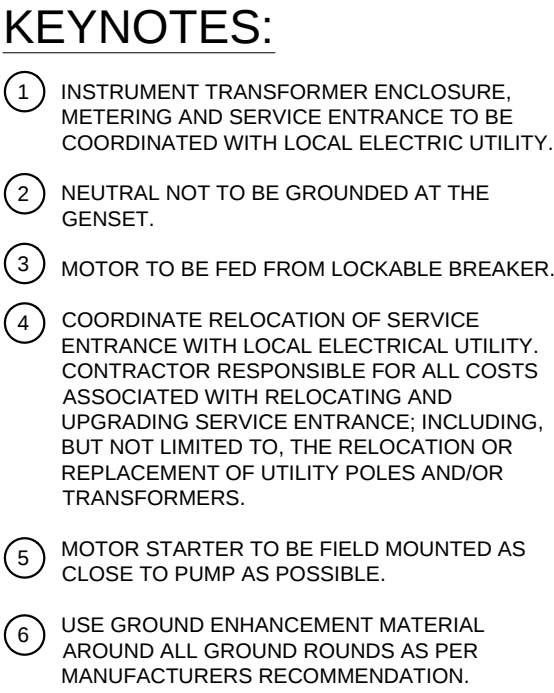




No.	Issue	Date
1.	60% REVIEW SUBMISSION	2013-MAR-08
2	ISSUED FOR TENDER	2013-APR-10
3	RELEASED FOR CONSTRUCTION	2013-JUN-27



No.	Revision	Ckd. By	Date

PERMIT OF PRACTICE
EXP. SERVICES INC.

Signature *R. Porter*
 Date 2013/JUN/27

PERMIT NUMBER: P483
 NT/NU Association of Professional
 Engineers and Geoscientists.

RELEASED FOR CONSTRUCTION

	Const. North
	Drawn By: TAW/MCO
	Dwg. Standards Ckd. By: PD
	Designed By: JAH
Date Printed	Dwg. Design Ckd. By: JFP

NOT TO SCALE

NEW

PANEL C

POWER SUPPLY : 120/208V-3Ø/4W
MAINS : 200A
LOCATION: NEW ELECTRICAL ROOM

MAIN BREAKER
L - LOCKABLE IN 'ON' POSITION

DESCRIPTION	LOAD (KW)			BRKR SIZE	# P.	CCT		CCT	# P.	BRKR SIZE	LOAD (KW)			DESCRIPTION	
	A	B	C								A	B	C		
LIGHTS ELECT. ROOM	0.2			15	1	1		2	1	15	1.0			RECEPTACLES	
LIGHTS TOTE ROOM		0.2		15	1	3		4	1	15		1.0		RECEPTACLES	
LIGHTS A TANK ROOM			0.6	15	1	5		6	1	15			0.2	UH-18	
LIGHTS B TANK ROOM	0.4			15	1	7		8	1	15	1.0			UH-10, UH-11, UH-12	
EXTERIOR LIGHTS		0.4		15	1	9		10	1	15		1.0		UH-13, UH-15	
80-UV-01			0.3	15	1	11		12	1	15			1.0	UH-14, UH-16, IH-17	
80-UV-01 RECEPTACLE	0.5			15	1	13		14	1	15	0.5			70-PPP-01 PANEL	
81-NWP-01		0.5		15	2	15		16	1	15		1.0		MBR CONTROL PANEL	
			0.5	20	2	17		18	1	15			1.0	MBR CP-11	
92-CFP-02	0.2			15	1	19		20	1	15	1.0			MBR CP-12	
91-CFP-01		0.2		20	1	21		22	1	20		0.2		91-MIX-01 RECEPTACLE	
92-CFP-01			0.2	15	1	23		24	1	15			0.37	B-3	
SPARE				15	1	25		26	1	15	0.5			FUEL PUMP PANEL	
P-22B		0.2				27		28	1	15				SPARE	
			0.2	15	3	29		30	1	15			0.2	SF-2	
	0.2					31		32	1	15	0.1			EF-4	
70-FIT-01		0.1		15	1	33		34	1	15		0.2		GEN. CONTROL PANEL	
20-FIT-01			0.1	15	1	35		36	1	15			0.3	GEN. BATTERY CHARGER	
FORKLIFT RECEPTACLE	0.5			20	1	37		38			1.0				
90-BBA-01		0.2		15	1	39		40	2	15		1.0		GEN. BLOCK HEATER	
65-V-15			0.1	15	1	41		42					1.0	RECEPTACLES	
SMART PARKING LOT RECEPTACLE	1.0			20	2	43		44						SPARE	
SPARE		1.0				45		46	1	15				SPARE	
SPARE				15	1	47		48	1	15				SPARE	
SPARE				15	1	49		50						SPARE	
SPARE				15	1	51		52	2	15				SPARE	
SPARE				15	1	53		54	1	15				SPARE	
SPARE				15	1	55		56	1	15				SPARE	
SPARE				15	1	57		58	1	15				SPARE	
SPARE				15	1	59		60	1	15	1.0			EXIT LIGHTS	
PHASE LOAD	3.0	2.8	2.0								5.1	4.5	4.07		
TOTAL PHASE LOAD				A= 8.1 B= 7.3 C= 6.07								TOTAL 21.47			

NOT TO SCALE

WASTE WATER
TREATMENT PLANT
UPGRADE
PANGNIRTUNG, NU

SINGLE LINE DIAGRAM AND PANEL SCHEDULE

Project No. OTT-00204430-A0

Dwg. No. **E2601-1**

Scale

AS SHOWN

This drawing is not to be scaled