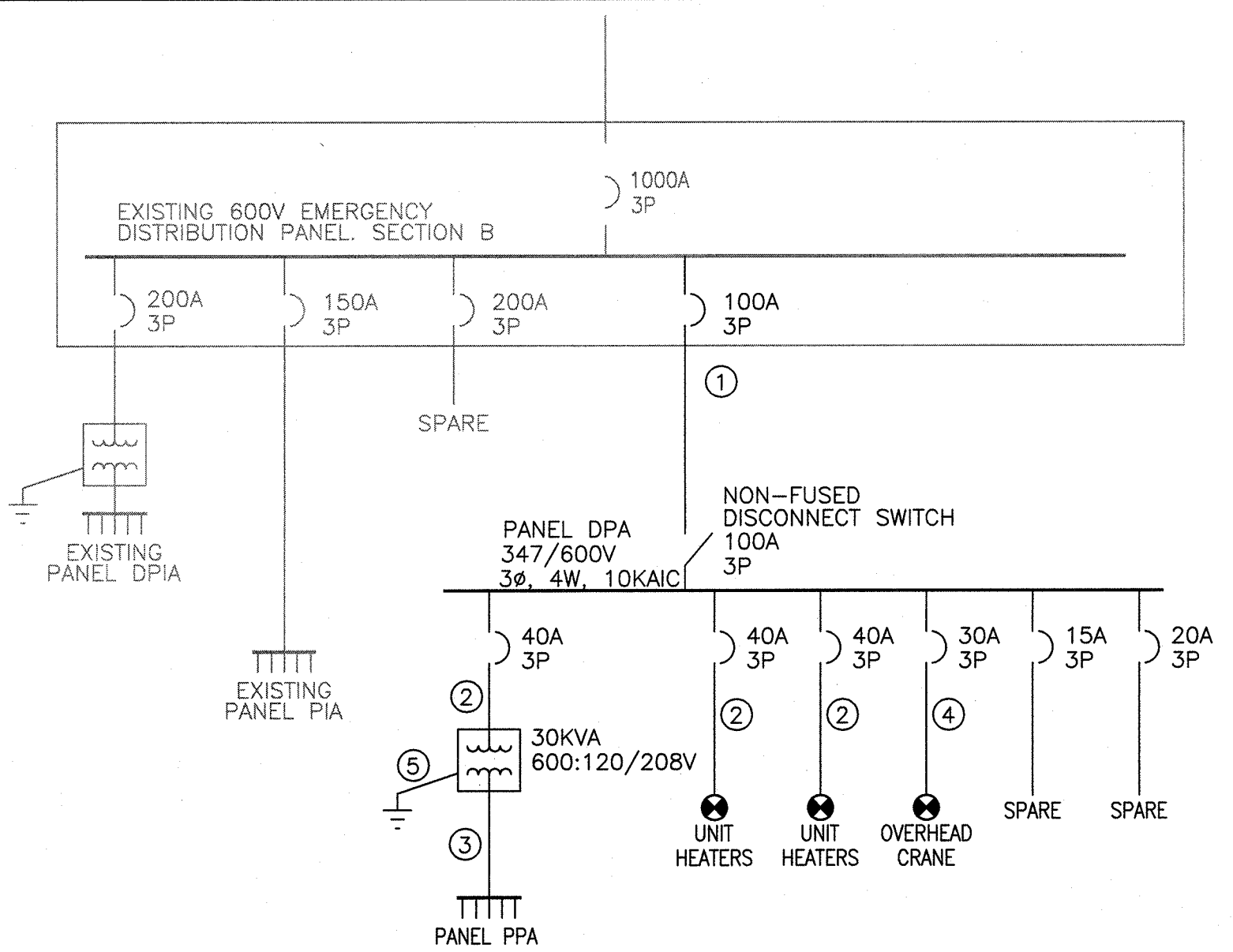


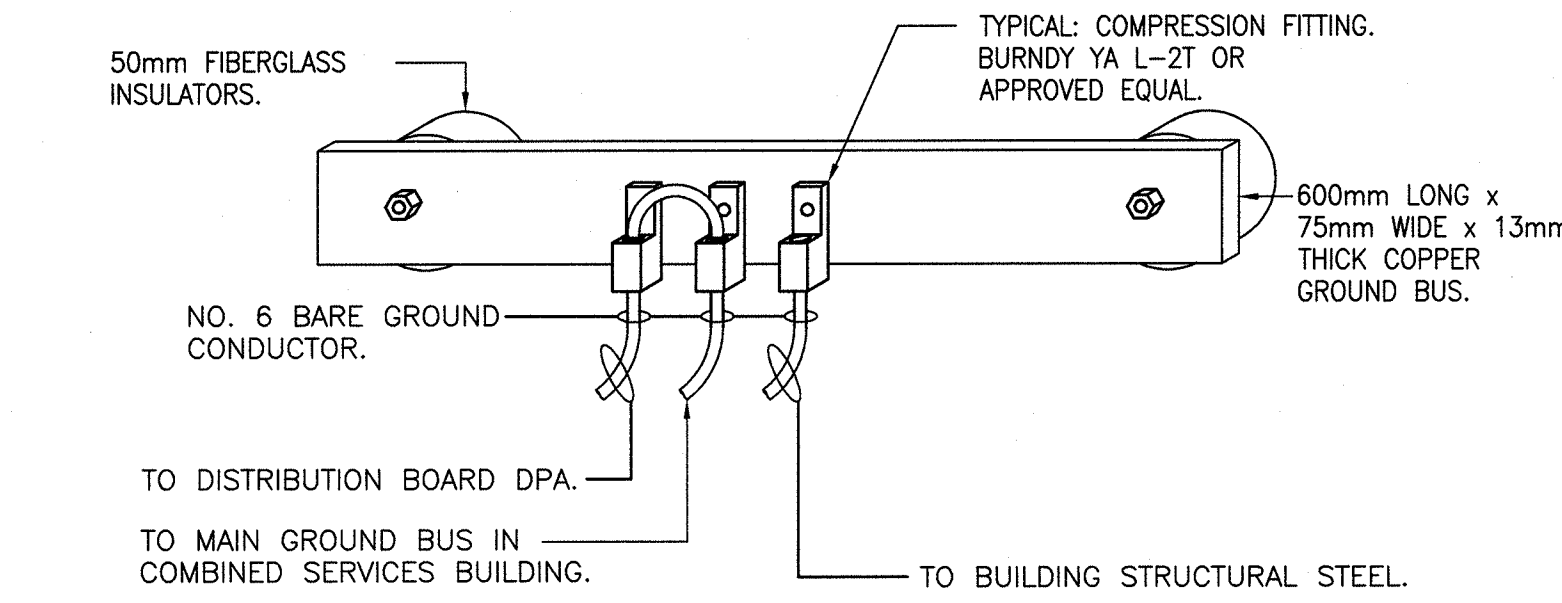
1
E2
LIGHTING, POWER AND MISC. SYSTEMS FLOOR PLAN
1:50

PANEL PPA										LOCATION: STORAGE BUILDING						MOUNTING: RECESSED						200 AMP. MAINS.									
										SERVICE: 120/208V, 3ø, 4W						BRANCH CIRCUIT I.C.						10,000 AMPS RMS SYM.									
LOAD DESCRIPTION										LOAD		WIRE		BKR		CIRCUIT		BKR		WIRE		LOAD		LOAD DESCRIPTION		PHASE LOAD					
																										A	B	C			
RECEPTS - STORAGE BUILDING										800	12	15	1	2	15	12	975	LTS - STORAGE BUILDING	1775												
LTS - EXTERIOR STORAGE BLDG.										1000	12	15	3	4	15	12	1000	LTS - EXTERIOR STORAGE BLDG.		2000											
EF-1 & DAMPER MOTOR										500	12	15	5	6	15	12	500	VULCOM GAS DETECTION SYSTEM			1000										
EF-2 & DAMPER MOTOR										500	12	15	7	8	15		249		749												
SPARE											12	15	9	10	A	12	249	OVERHEAD DOOR MOTOR		249											
										249		15	11	12	3P		249			498											
OVERHEAD DOOR MOTOR										249	12	A	13	14	15	12	50	HEAT TRACE	299												
										249		3P	15	16					249												
SPACE														17	18			SPACE													
														19	20																
														21	22																
														23	24																
COMMENTS: ● - GROUND FAULT BREAKER.										CONNECTED LOAD										6.8 KW.	TOTAL WATTS		2823	2498	1498						
+ - INDICATES C/W LOCK-ON DEVICE.										ESTIMATED DEMAND										5.1 KW.	TOTAL AMPS		23.5	20.8	12.5						
α - INDICATES ARC FAULT BREAKER.																															



FEEDER SCHEDULE		
No.	DESCRIPTION	AMPACITY
1	4 NO. 3 RW90 COPPER CONDUCTORS PLUS 1 NO. 8 BOND IN 53mm PVC CONDUIT.	100
2	3 NO. 8 RW90 COPPER CONDUCTORS PLUS 1 NO. 10 BOND IN 27mm EMT CONDUIT.	50
3	4 NO. 2 RW90 COPPER CONDUCTORS PLUS 1 NO. 6 BOND IN 41mm EMT CONDUIT.	115
4	3 NO. 10 RW90 COPPER CONDUCTORS PLUS 1 NO. 10 BOND IN 21mm EMT CONDUIT.	35
5	1 NO. 6 GRN GROUND IN 21mm EMT CONDUIT.	-

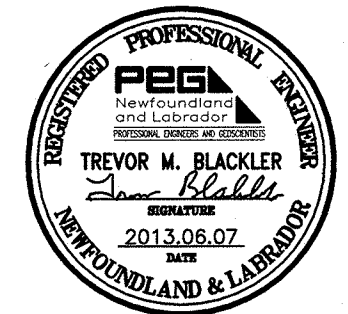
2
E2
ELECTRICAL RISER DIAGRAM
N.T.S.



- NOTES:
- TERMINATE CONDUITS CONTAINING GROUND CONDUCTORS 150mm BELOW OR ABOVE BUS WITH NYLON INSULATED GROUNDING BUSHINGS & #14 BONDING JUMPER.
 - DRILL GROUND BUS TO ACCOMMODATE SPECIFIED CONNECTORS.

3
E2
MAIN GROUND BUS DETAIL
N.T.S.

Public Works and Government Services Canada
Travaux Publics et Services gouvernementaux Canada



PROVINCE OF NEWFOUNDLAND AND LABRADOR
PERMIT HOLDER
This Permit Allows
STANTEC CONSULTING LTD.
To practice Professional Engineering in Newfoundland and Labrador.
Permit No. as issued by PEG J0291 which is valid for the year 2013.

GENERAL NOTES

- ALL DIMENSIONS ARE DRAWN IN MILLIMETERS UNLESS OTHERWISE INDICATED.
- CONTRACTOR TO VERIFY ALL DIMENSIONS AND CONDITIONS ON SITE AND REPORT ANY DISCREPANCIES TO THE DCC REPRESENTATIVE BEFORE PROCEEDING WITH ANY PORTION OF THIS WORK.
- COORDINATE THIS DRAWING WITH ALL OTHER DRAWINGS.
- ALL WORK TO BE CARRIED OUT WITH ACCORDANCE TO THE NATIONAL BUILDING CODE.

revisions	date
C	ISSUED FOR TENDER 06/07/2013
B	ISSUED FOR 90% REVIEW 03/18/2013
A	ISSUED FOR 66% REVIEW 02/27/2012

A	A detail no. no. du detail	A
C	B location drawing no. sur dessin no.	B C
	C drawing no. dessin no.	

project

WABUSH AIRPORT
SAND/UREA SHED

WABUSH, NL

drawing

LIGHTING, POWER AND MISC. SYSTEMS FLOOR PLAN, PANEL SCHEDULE, ELECTRICAL RISER DIAGRAM AND DETAIL

designed GT concu

date 2013.03.27

drawn KC dessine

date 2013.03.27

approved approve

date

Tender Soumission

PWC Project Manager Administrateur de projets TPC

project number no. du projet

R.038269.001

drawing no. no. du dessin

E2