



**FEDERAL SNOWSHEDS
(SITE LOCATION)**

GLACIER NATIONAL PARK

PROVINCIAL SNOWSHEDS

REVELSTOKE

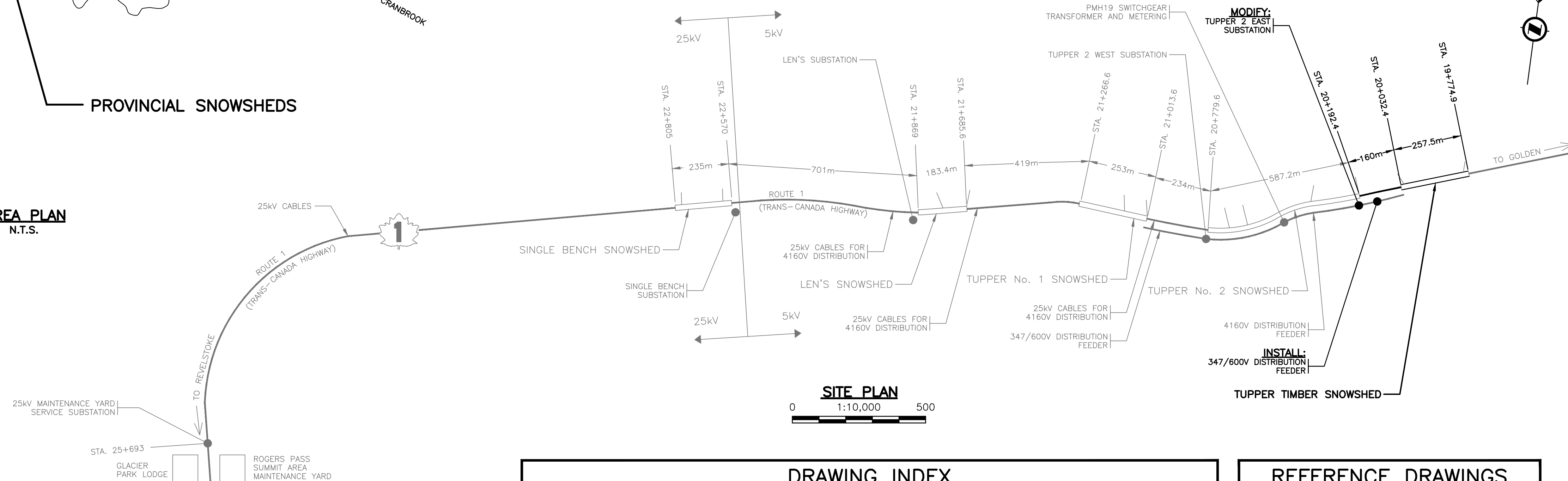
GOLDEN

TO BANFF & CALGARY

TO INVERMERE & CRANBROOK

AREA PLAN
N.T.S.

25KV CABLES





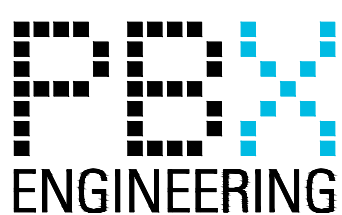
DRAWING INDEX		
DRAWING No.	REV.	DESCRIPTION
1	—	COVER SHEET, INDEX & SITE PLAN
2	0	SYMBOL, LEGEND & ABBREVIATIONS
3	0	GENERAL NOTES
4	—	DETAILS — EXISTING POWER DISTRIBUTION SYSTEM
10	0	PLAN — STA. 26+025 TO STA. 24+611
11	—	PLAN — STA. 24+611 TO STA. 23+024
12	—	PLAN — STA. 23+024 TO STA. 21+600
13	—	PLAN — STA. 21+600 TO STA. 20+094
14	—	PLAN — STA. 20+094 TO STA. 19+406
15	0	SECTIONS — TYPICAL TRENCH
16	0	SINGLE LINE DIAGRAM — EXISTING SYSTEM — HIGH VOLTAGE
17	0	SINGLE LINE DIAGRAM — PROPOSED SYSTEM — HIGH VOLTAGE
18	—	BLOCK DIAGRAM — LIGHTING CONTROL SYSTEM
19	0	25KV SERVICE LAYOUT — MAINTENANCE YARD
20	0	SWITCHGEAR LAYOUT — MAINTENANCE YARD
21	0	SWITCHGEAR GROUNDING — MAINTENANCE YARD
30	—	SWITCHGEAR LAYOUT — SINGLE BENCH
31	—	SWITCHGEAR GROUNDING — SINGLE BENCH
32	—	UNDERGROUND LAYOUT — SINGLE BENCH
33	—	ABOVE GROUND LAYOUT — SINGLE BENCH
36	—	SINGLE LINE DIAGRAM — LOW VOLTAGE — SINGLE BENCH
40	—	SWITCHGEAR LAYOUT — LEN'S
41	—	SWITCHGEAR GROUNDING — LEN'S
42	—	UNDERGROUND LAYOUT — LEN'S
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46	—	SINGLE LINE DIAGRAM — LOW VOLTAGE — LEN'S
50	—	SWITCHGEAR LAYOUT — TUPPER 2 WEST
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66	—	SINGLE LINE DIAGRAM — LOW VOLTAGE — TUPPER 2 EAST

REFERENCE DRAWINGS	
DRAWING No.	
G2001R6-1 TO G2001R6-7	
G2002R1-1 TO G2002R1-21	
A.C. DANDY AS BUILTS ESK#9 TO ESK#22	

 DRAWINGS NOT INCLUDED IN THE CURRENT PACKAGE

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—	SEP. 15 2015	ISSUED FOR TENDER				PBX		PB	
No.	Date	Description				Drawn by Dessiné par		Approved Approuvé	
Revision / Revision									
		Detail number Sheet number				A Numéro de détail B Numéro de la feuille			
Linear dimensions en millimètres					Dimensions linéaires en millimètres				
Consultant's Stamp Sceau de l'expert-conseil						Eng. Stamp Sceau de l'ingénieur			
Client/client <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">  <p>Parks Canada Agence Western and Northern Region</p> </div> <div style="width: 45%;"> <p>L'Agence Parcs Canada Ouest et Nord Région</p> </div> </div>									
Consultant's Name Nom de l'expert-conseil <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="width: 40%;">  </div> <div style="width: 55%;"> <p>PBX ENGINEERING Ltd. Suite 200 - 2615 Bridge St. Victoria BC, V8T 4S9 Tel 250.388.7222</p> <p>Suite 300 - 131 Water St. Vancouver BC, V6B 4M3 Tel 604.408.7222 www.pbxing.com</p> </div> </div>									
Project title/Titre du projet <div style="text-align: center;"> <p>ROGERS PASS SNOWSHED LIGHTING</p> <p>TRANS CANADA HIGHWAY THROUGH ROGERS PASS</p> <p>GLACIER NATIONAL PARK</p> </div>									
Drawing title/Titre du dessin <div style="text-align: center;"> <p>HIGH AND LOW VOLTAGE DISTRIBUTION SYSTEMS</p> <p>COVER SHEET, INDEX & SITE PLAN</p> </div>									
Surveyed by/Arpenté par Designed by/Concept par MM			Drawn by/Dessiné par PBX Reviewed by/Revisé par AB			Date 2015-08-31 Scale/Echelle AS NOTED			
Client Acceptance/Acceptation du client					Approved by/Approuvé par				
PARK RESPONSIBLE OFFICER/AGENT RESPONSABLE Date					A & E SERVICES/GÉNIE ET ARCHITECTURE Date				
Project No./No du projet 201525			Asset No./N° du-bien			Sheet No./ N°de la feuille <div style="text-align: center; font-size: 2em;">1</div>			
Drawing Reference No./No de référence du dessin <div style="text-align: center;">G2002R1</div>									

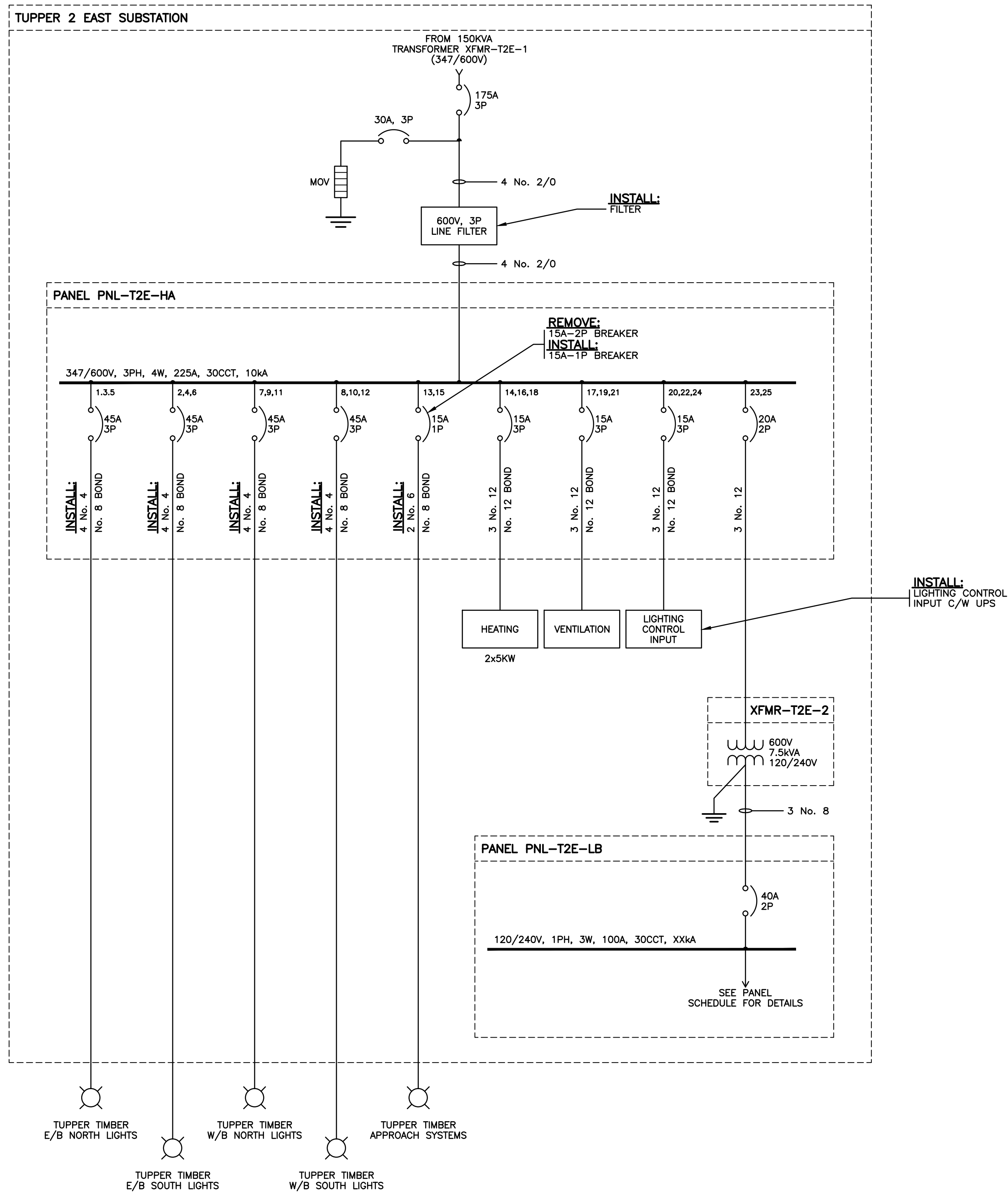




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GLACIER NATIONAL PARK					
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UNDERGROUND LAYOUT TUPPER 2 EAST					
Surveyed by/Arpenté par		Drawn by/Dessiné par		Date	
		PBX		2015-08-31	
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201525				62	
Drawing Reference No./No de référence du dessin					
G2002R1					

4-13250_Snowshed Lighting - Glacier National Park\01 - Design\Drawings\MCAO\Primary Powerline Construction\66-24\09\2015-506 PNL DEVON.GRIEVE


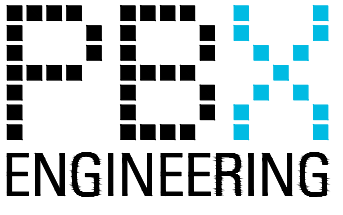


PANEL PNL-T2E-LA SCHEDULE

DESCRIPTION	KW	BKR.	CIRCUIT NO.	BKR.	KW	DESCRIPTION
SUBSTATION MAIN & EMERG. LIGHTS	-	15A	1	2	15A	LIGHTING CONTROL SYSTEM
RECEPTACLES	-	20A	3	4	15A	SWITCHGEAR POWER
RECEPTACLES	-	20A	5	6	15A	SWITCHGEAR POWER
FIRE ALARM AND SECURITY	-	15A	7	8	15A	SPARE
HEATING/VENTILATION CONTROL	-	15A	9	10	-	-
EXTERIOR LIGHTING	-	15A	11	12	-	-
-	-	-	13	14	-	-
-	-	-	15	16	-	-
-	-	-	17	18	-	-
-	-	-	19	20	-	-
-	-	-	21	22	-	-
-	-	-	23	24	-	-
-	-	-	25	26	-	-
-	-	-	27	28	-	-
-	-	-	29	30	-	-
TOTAL	-	-	-	-	-	TOTAL
MAINS:	100A	VOLTS:	120/240V			
MOUNTING:	MCC	LOCATION:	TUPPER 2 EAST SUBSTATION			
MAIN BKR.:	40A	FED FROM:	PNL-T2E-HA			
FEEDER:	3 No. 8	ENTER AT:	INTERNAL MCC			

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SINGLE LINE DIAGRAM LOW VOLTAGE - TUPPER 2 EAST				
Surveyed by/Arpenté par	Drawn by/Dessiné par	Date		
	PBX	2015-08-31		
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