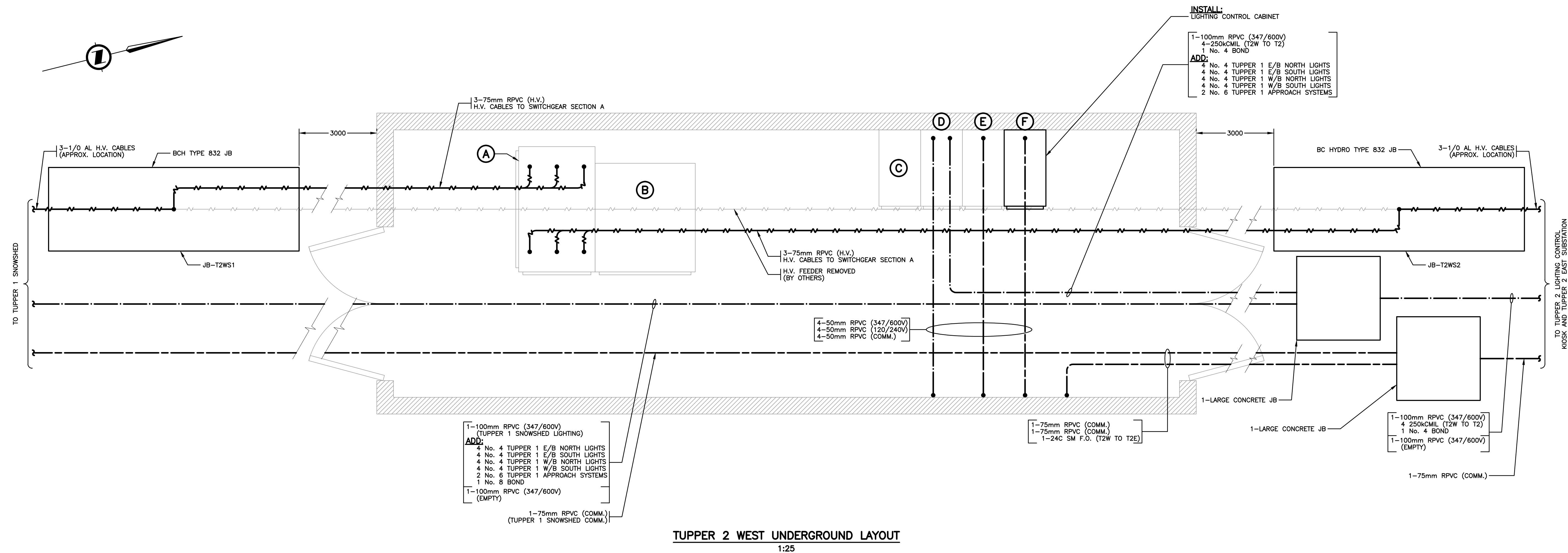




Surveyed by/Arpenté par		Drawn by/Dessiné par		Date
		PXB		2015-03-02
Designed by/Concept par		Reviewed by/Revisé par		Scale/Echelle
AC		PB		AS NOTED
Client Acceptance/Acceptation du client			Approved by/Approuvé par	
FIRM RESPONSIBLE OFFICER/AGENT RESPONSIBLE		Date		A & E SERVICES/GÉNIE ET ARCHITECTURE
Project No./No du projet		Asset No./N° du bien		Sheet No./ N° de feuille
201422				
Drawing Reference No./No de référence du dessin				13
G2002R1				

ALL EQUIPMENT IS EXISTING
UNLESS NOTED OTHERWISE

\\fs13230\Snowshed Lighting - Glacier National Park\01 - Design\Drawings\CAAD\Primary Powerline Construction\02: 6/03/2015 9:19 AM JESSE.GIBSON



REFER TO STRUCTURAL AND CIVIL DRAWINGS
AND SPECIFICATIONS FOR BUILDING AND
CONCRETE PAD LOCATION, DIMENSIONS AND DETAILS.


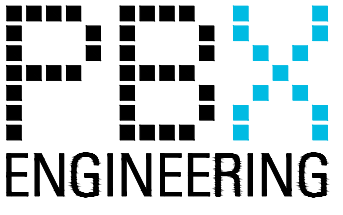
CONTRACTOR AND MANUFACTURER SHALL ENSURE
THAT ALL EQUIPMENT IS SIZED TO FIT
THROUGH BUILDING ACCESS DOORS.
PROVIDE SUFFICIENT WORKING SPACE AROUND
EQUIPMENT AS PER CEC.



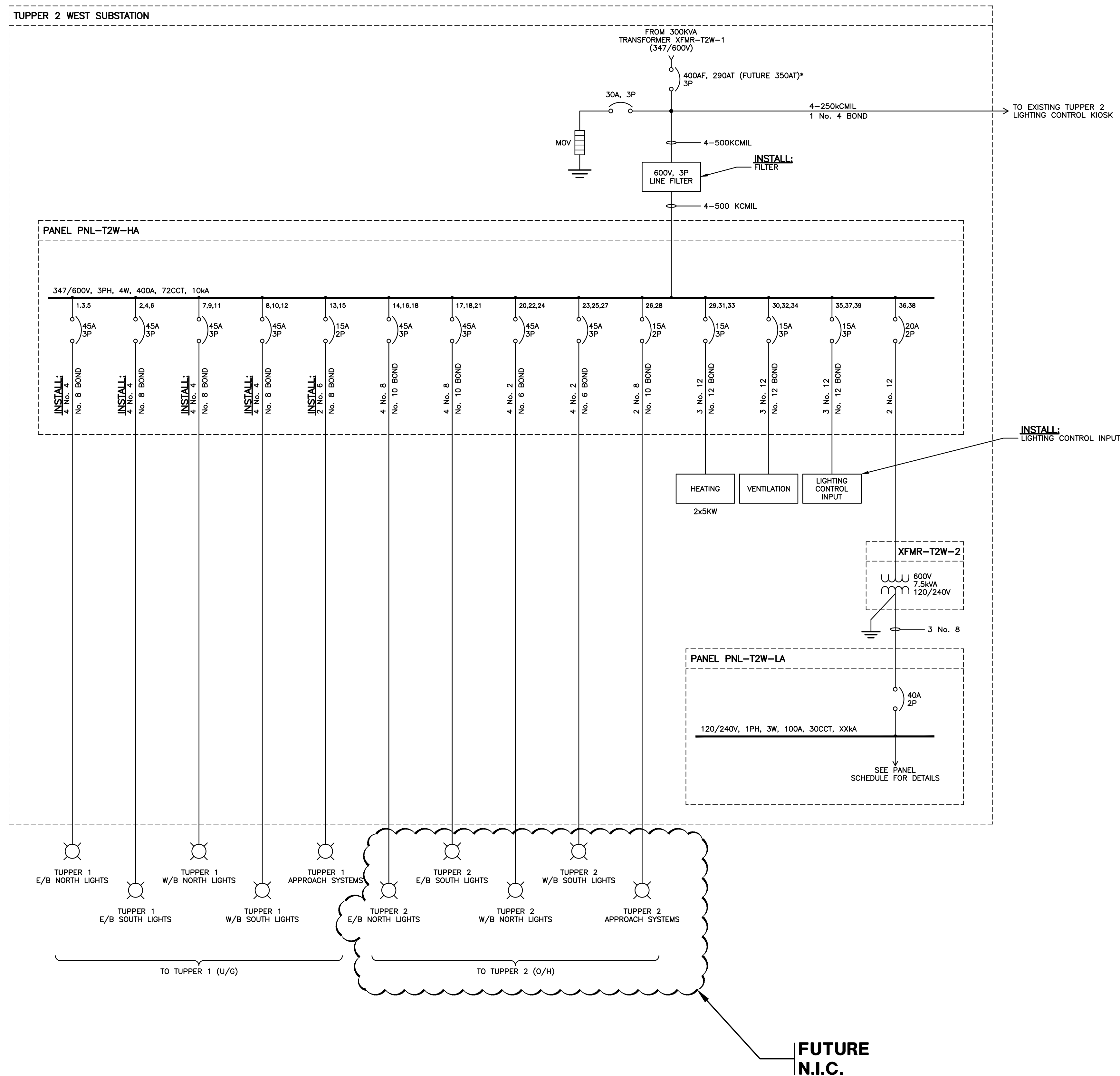
0 1:25 1

**ISSUED FOR TENDER
NOT FOR CONSTRUCTION**

**ALL EQUIPMENT IS EXISTING
UNLESS NOTED OTHERWISE**

No.	Date	Description	Drawn by Dessiné par	Approved Approuvé
1	Mar. 06 2015	ISSUED FOR TENDER	PBX	PB
Revision / Revision				
Detail number Sheet number		A Numéro de détail B Numéro de la feuille		
Linear dimensions in millimetres		Dimensions linéaires en millimètres		
Consultant's Stamp Sceau de l'expert-conseil		Eng. Stamp Sceau de l'ingénieur		
Client/client				
 Parks Canada Agence Western and Northern Region				
L'Agence Parcs Canada Ouest et Nord Région				
Consultant's Name Nom de l'expert-conseil				
 PBX ENGINEERING				
PBX ENGINEERING Ltd. Suite 200 - 2612 Bridge St. Victoria BC, V8T 4S9 Tel 250.388.7222 Suite 300 - 131 Water St. Vancouver BC, V6B 4M3 Tel 604.408.7222 www.pbxing.com				
Project title/Titre du projet				
ROGERS PASS SNOWSHED LIGHTING				
TRANS CANADA HIGHWAY THROUGH ROGERS PASS				
GLACIER NATIONAL PARK				
Drawing title/Titre du dessin				
HIGH AND LOW VOLTAGE DISTRIBUTION SYSTEMS				
UNDERGROUND LAYOUT TUPPER 2 WEST				
Surveyed by/Arpenté par	Drawn by/Dessiné par	Date		
	PBX	2015-03-02		
Designed by/Concept par	Reviewed by/Revisé par	Scale/Echelle		
AC	PB	AS NOTED		
Client Acceptance/Acceptation du client		Approved by/Approuvé par		
PARK RESPONSIBLE OFFICER/AGENT RESPONSABLE		Date	A & E SERVICES/GÉNIE ET ARCHITECTURE	
Project No./No du projet		Asset No./N° du bien	Sheet No./N° de la feuille	
201422			52	
Drawing Reference No./No de référence du dessin				
G2002R1				

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PANEL PNL-T2W-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	APPROACH SYSTEMS
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 WEST SUBSTATION			
MAIN BKR.:	40A	FED FROM:	PNL-T2W-HA			
FEEDER:	3 No. 8	ENTER AT:	INTERNAL MCC			

NOTES:

* 400A CIRCUIT BREAKER FRAME COMPLETE WITH DIGITAL TRIP UNIT. SET THE TRIP UNIT TO 290A FOR PROTECTION OF THE PROPOSED FEEDERS TO EXISTING TUPPER 2 LIGHTING CONTROL KIOSK. THE TRIP UNIT SHALL BE SET TO 350A AFTER DEMOLITION OF TUPPER 2 LIGHTING CONTROL KIOSK (N.I.C.).

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-	Mar. 06 2015	ISSUED FOR TENDER	PBX	PB			
No.	Date	Description	Drawn by Dessiné par	Approved Approuvé			
Revision / Revision							
A	Detail number	A Numéro de détail					
B	Sheet number	B Numéro de la feuille					
Linear dimensions in millimetres		Dimensions linéaires en millimètres					
Consultant's Stamp Sceau de l'expert-conseil		Eng. Stamp Sceau de l'ingénieur					
Client/client							
Parks Canada Agency Western and Northern Region		L'Agence Parcs Canada Ouest et Nord Région					
Consultant's Name Nom de l'expert-conseil							
PBX ENGINEERING		PBX ENGINEERING Ltd. Suite 200 - 2612 Bridge St. Victoria BC, V8T 4S9 Tel 250.388.7222 Suite 300 - 131 Water St. Vancouver BC, V6B 4M3 Tel 604.408.7222 www.pbxeng.com					
Project title/Titre du projet							
ROGERS PASS SNOWSHED LIGHTING							
TRANS CANADA HIGHWAY THROUGH ROGERS PASS							
GLACIER NATIONAL PARK							
Drawing title/Titre du dessin							
HIGH AND LOW VOLTAGE DISTRIBUTION SYSTEMS							
SINGLE LINE DIAGRAM LOW VOLTAGE - TUPPER 2 WEST							
Surveyed by/Arpenté par	Drawn by/Dessiné par	Date					
	PBX	2015-03-02					
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201422		56					
Drawing Reference No./No de référence du dessin		G2002R1					