

1 SINGLE LINE DIAGRAM

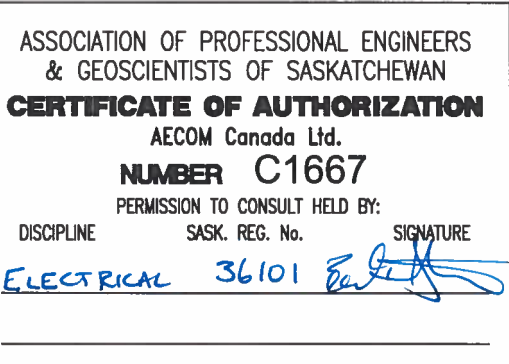
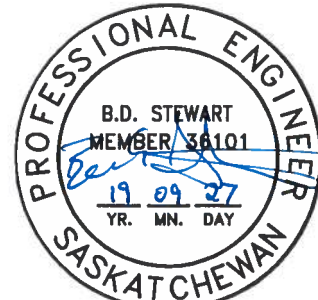
N.T.S

PANEL SCHEDULE																
PANEL #:			PNL-TBU43+000			VOLTAGE				120 / 208 V						
LOCATION:			NTBU43-BLDG			CONFIGURATION:				3 PHASE, 4 WIRE						
TYPE:			SURFACE			MAIN BREAKER:				200 A						
BUS RATING:			225 A, COPPER			MAIN LUGS:				NO						
CIRCUIT LOADING (A)			CIRCUIT DESCRIPTION	BKR SIZE	GFCI	CIRCUIT NO.		GFCI	BKR SIZE	CIRCUIT DESCRIPTION	CIRCUIT LOADING (A)					
A	B	C									A	B	C			
9.8			RCP-TBU44 SUMP PUMP 55-223-0-SP-7	20	N	1	2	N	15	MAIN FLOOR RECEPTACLES NTBU43	8					
	9.8		RCP-TBU44 SUMP PUMP 55-223-0-SP-8	20	N	3	4	N	15	RCP-NTBU43+049-35-NTBU43+70 TUNNEL RECEPTACLES NTBU43		5				
		3	RCP-NTBU43+80-NTBU43+120 TUNNEL RECEPTACLE	15	N	5	6	N	15	RCP-NTBU43+120-NTBU43+160 TUNNEL RECEPTACLES			3			
2			RCP-NTBU43+180-NTBU43+190 TUNNEL RECEPTACLE	15	N	7	8	N	15	SPARE						
	6		RCP-TBU43+740-TBU43+760 TUNNEL RECEPTACLES	15	N	9	10	N	15	20-520-1-UH-3		1				
		3	RCP-TBU43+700-TBU43+720 TUNNEL RECEPTACLES	15	N	11	12	N	15	20-520-1-UH-2			1			
3			RCP-TBU43+660-TBU43+680 TUNNEL RECEPTACLES	15	N	13	14	N	3P 25	30-50-2-MUA-3	6					
	5		RCP-TBU44+140-TBU44+240 TUNNEL RECEPTACLES	15	N	15	16					6				
		9	RCP-TBU44+080-TBU44+140 TUNNEL RECEPTACLES	15	N	17	18						6			
5			RCP-TBU44+240-TBU44+260 TUNNEL RECEPTACLES	15	N	19	20	N	3P 25	30-50-2-MUA-2	6					
	4.5		RCP-TBU44+260-TBU44+250 TUNNEL RECEPTACLES	15	N	21	22					6				
		3	RCP-TBU44+250-TBU44+280 TUNNEL RECEPTACLES	15	N	23	24						6			
9.8			RCP-TBU44 SUMP PUMP SP+280-23	20	N	25	26	N	3P 15	REC-43+000	3					
	9.8		RCP-TBU44 SUMP PUMP SP+040	20	N	27	28					3				
		9.8	RCP-TBU44 SUMP PUMP SP+010	20	N	29	30						3			
3			RCP-TBU44+280-TBU44+280-23 TUNNEL RECEPTACLES	15	N	31	32	N	15	30-260-8-EX-4	1					
	9.8		RCP-NTBU43 SUMP PUMP 55-223-0-SP-1	20	N	33	34	N	15	30-260-8-EX-2		1				
		9.8	RCP-NTBU43 SUMP PUMP 55-223-0-SP-2	20	N	35	36	N	20	RCP-TBU44 SUMP PUMP 55-223-0-SP-9			9.8			
9.8			RCP-NTBU43 SUMP PUMP 55-223-0-SP-3	20	N	37	38	N	3P 100	UPS	33					
	9.8		RCP-TBU44 SUMP PUMP 55-223-0-SP-16	20	N	39	40					33				
		9.8	RCP-NTBU44 SUMP PUMP 55-223-0-SP-17	20	N	41	42						33			
42.4	54.7	47.4	SUBTOTAL LEFT (A)								SUBTOTAL RIGHT (A)			57	55	61.8
											TOTAL LOADING (A)			99.4	109.7	109.2

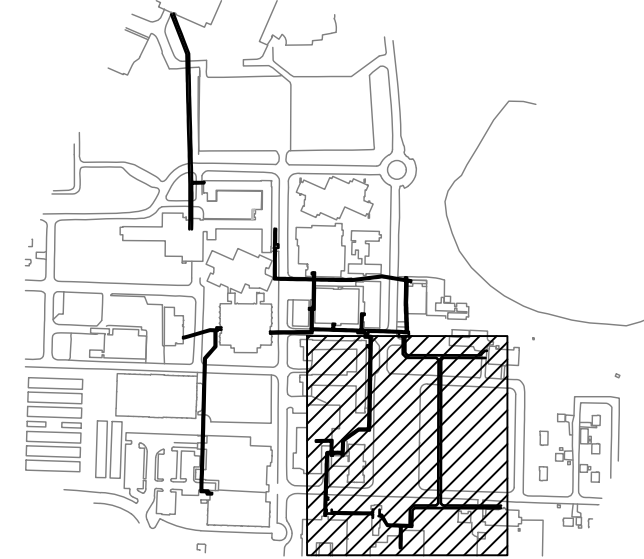
NOTES:

- TUNNEL RECEPTACLES TO BE WIRED USING MINIMUM WIRE SIZE #10 AWG, AND MINIMUM GROUNDING WIRE #10 AWG.
- RUN #8 CABLE TO JUNCTION BOX TERMINALS, THEN RUN #10 AWG CABLE TO ADJACENT RECEPTACLE DEDICATED FOR 55-223-0-SP-9.

TENDER  
NOT FOR CONSTRUCTION



Key Plan



E	Issued For Tender	19/09/30
D	Issued For 99% Review	19/06/21
C	Issued For 85% Review	19/03/15
B	Issued For 50% Review	18/11/13
A	Not Issued	-
Revision	Description	Date

Client

Public Works and  
Government Services Canada

Project title

Tunnel Revitalization

Designed by

B. Stewart

Drawn by

T. Shrufi

Approved by

B. Wolfater

PWGSC Project Manager

J. Dayman

Drawing title

Package 1 - TBU43  
Electrical  
SLD & Panelboard Schedule

Project no.	Drawing no.	Revision no.
1004259	E1.50	E