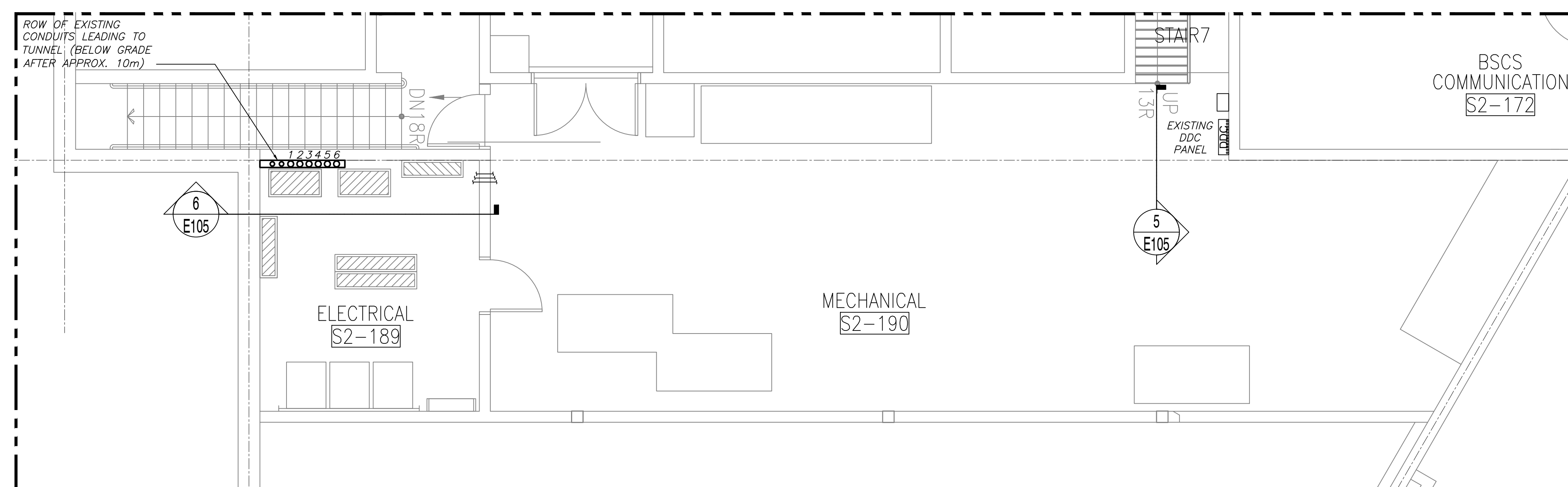











SMI - WORKS BUILDING &
TUNNEL K-8 LAYOUT - PARTIAL



SMI - UNIT 6
ELECTRICAL & MECHANICAL ROOMS

ELECTRICAL LEGEND		
ITEM	SYMBOL	REMARKS
ELECTRICAL PANEL		
DDC PANEL		
NEW EMT CONDUIT FOR DDC		50Ø
NEW EMT CONDUIT FOR 120V		
EXISTING CONDUIT		50Ø
JUNCTION BOX		
PHOTO LOCATION		ARROW SHOWS VIEWING DIRECTION
FAN COIL		26W 24VDC
FAN COIL TAG		

EXISTING JUNCTION BOX SCHEDULE					
BOX TAG	SIZE (WidthxDepth)	INCOMING CONDUIT (SIZE & CONTENTS)	OUTGOING CONDUIT (SIZE & CONTENTS)	ELEV. (A.F.F.)	
JB-A	610x150x150	500 CONDUIT w/ 3 FIBRE OPTIC CABLES	500 CONDUIT w/ 3 FIBRE OPTIC CABLES	1118	
JB-2	1219x200x127	500 CONDUIT w/ 3 FIBRE OPTIC CABLES	500 CONDUIT w/ 3 FIBRE OPTIC CABLES	1489	
JB-3	1219x127x127	500 CONDUIT w/ 3 FIBRE OPTIC CABLES	500 CONDUIT w/ 3 FIBRE OPTIC CABLES	1600	
JB-4	1219x200x127	500 CONDUIT w/ 6 FIBRE OPTIC CABLES (1 CUT IN BOX)	500 CONDUIT w/ 6 FIBRE OPTIC CABLES #14 AWG	787	
JB-5	300x100x114	500 CONDUIT w/ 6 FIBRE OPTIC CABLES #14 AWG	500 CONDUIT w/ 6 FIBRE OPTIC CABLES #14 AWG	1295	
JB-6	1219x200x127	500 CONDUIT w/ 6 FIBRE OPTIC CABLES #14 AWG	500 CONDUIT w/ 5 FIBRE OPTIC CABLES #14 AWG	1956	
JB-7	400x400x150	500 CONDUIT w/ 5 FIBRE OPTIC CABLES #14 AWG	500 CONDUIT w/ 2 FIBRE OPTIC CABLES	1295	
		500 CONDUIT w/ 2 GREY DATA CABLES	500 CONDUIT w/ 1 GREY DATA CABLE #14 AWG		
JB-8	1219x200x127	500 CONDUIT w/ 2 FIBRE OPTIC CABLES	500 CONDUIT w/ 2 FIBRE OPTIC CABLES	1524	
JB-A	194x200x127	500 CONDUIT w/ 3 FIBRE OPTIC CABLES	500 CONDUIT w/ 3 FIBRE OPTIC CABLES		
JB-B	194x200x127	500 CONDUIT w/ 3 FIBRE OPTIC CABLES	500 CONDUIT w/ 3 FIBRE OPTIC CABLES		
JB-C	194x200x127	500 CONDUIT w/ 3 FIBRE OPTIC CABLES	500 CONDUIT w/ 3 FIBRE OPTIC CABLES		
JB-D	194x200x127	500 CONDUIT w/ 3 FIBRE OPTIC CABLES	500 CONDUIT w/ 1 FIBRE OPTIC CABLE #24 AWG GREY 2 #24 AWG YELLOW	533	
		150 CONDUIT w/ 1 FIBRE OPTIC CABLE #24 AWG GREY 250 CONDUIT w/ 2 FIBRE OPTIC CABLES #24 AWG YELLOW	500 CONDUIT w/ 1 FIBRE OPTIC CABLE #24 AWG GREY 2 #24 AWG YELLOW		
JB-E	194x200x127	500 CONDUIT w/ 1 FIBRE OPTIC CABLE #24 AWG GREY 2 #24 AWG YELLOW	500 CONDUIT w/ 1 FIBRE OPTIC CABLE #24 AWG GREY 2 #24 AWG YELLOW	1676	
JB-F	194x200x127	500 CONDUIT w/ 1 FIBRE OPTIC CABLE #24 AWG GREY 2 #24 AWG YELLOW	500 CONDUIT w/ 1 FIBRE OPTIC CABLE #24 AWG GREY 2 #24 AWG YELLOW	1219	
JB-G	194x14x300	250 CONDUIT w/ 2 FIBRE OPTIC CABLES	380 CONDUIT w/ 3 FIBRE OPTIC CABLES	NOT VERIFIED	
		250 CONDUIT w/ 1 FIBRE OPTIC CABLE			
JB-H	194x14x300	NOT VERIFIED	NOT VERIFIED	NOT VERIFIED	

NOTE: "INCOMING" AND "OUTGOING" CONDUITS IN THIS SCHEDULE RELATE TO TRAVEL ALONG THE EXISTING CONDUITS FROM JB-A TO JB-F AND FROM JB-I TO JB-8.

CONSTRUCTION NOTES

1. APPROXIMATE DISTANCE THRU EXISTING CONDUITS FROM ELECTRICAL ROOM IN UNIT 6 TO BLOCK WALL IN TUNNEL IS 30 METERS.
2. APPROXIMATE DISTANCE THRU EXISTING CONDUITS FROM JB-1 TO POWER HOUSE IS 300 METERS.



2017-07-21

5		
4		
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1		
0	ISSUED FOR TENDER	2017/07/13
Revision	Description	Date

**PUBLIC WORKS &
GOVERNMENT SERVICES**

100-167 LOMBARD AVENUE
WINNIPEG, MB R3B 0T6

Project	Project
<p align="center">CORRECTIONAL SERVICE CANADA STONY MOUNTAIN INSTITUTION STONY MOUNTAIN, MB</p>	

UNIT 6

MECHANICAL UPGRADE

Designed by	Conçu par
ZHA	

Drawn by RTD	Dessiné par
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Approved by KAS	Approuvé par
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PWGSC Project Manager
TIM LORGE

Drawing title	Titre du dessin
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UNIT 6 2ND FLOOR
ELECTRICAL & MECHANICAL ROOMS

ELECTRICAL & MECHANICAL ROOMS,
WORKS BUILDING & TUNNEL K-8

FLOOR PLAN - EXISTING

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Project no./No. du projet	Drawing no./No. du dessin	Revision no.
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