



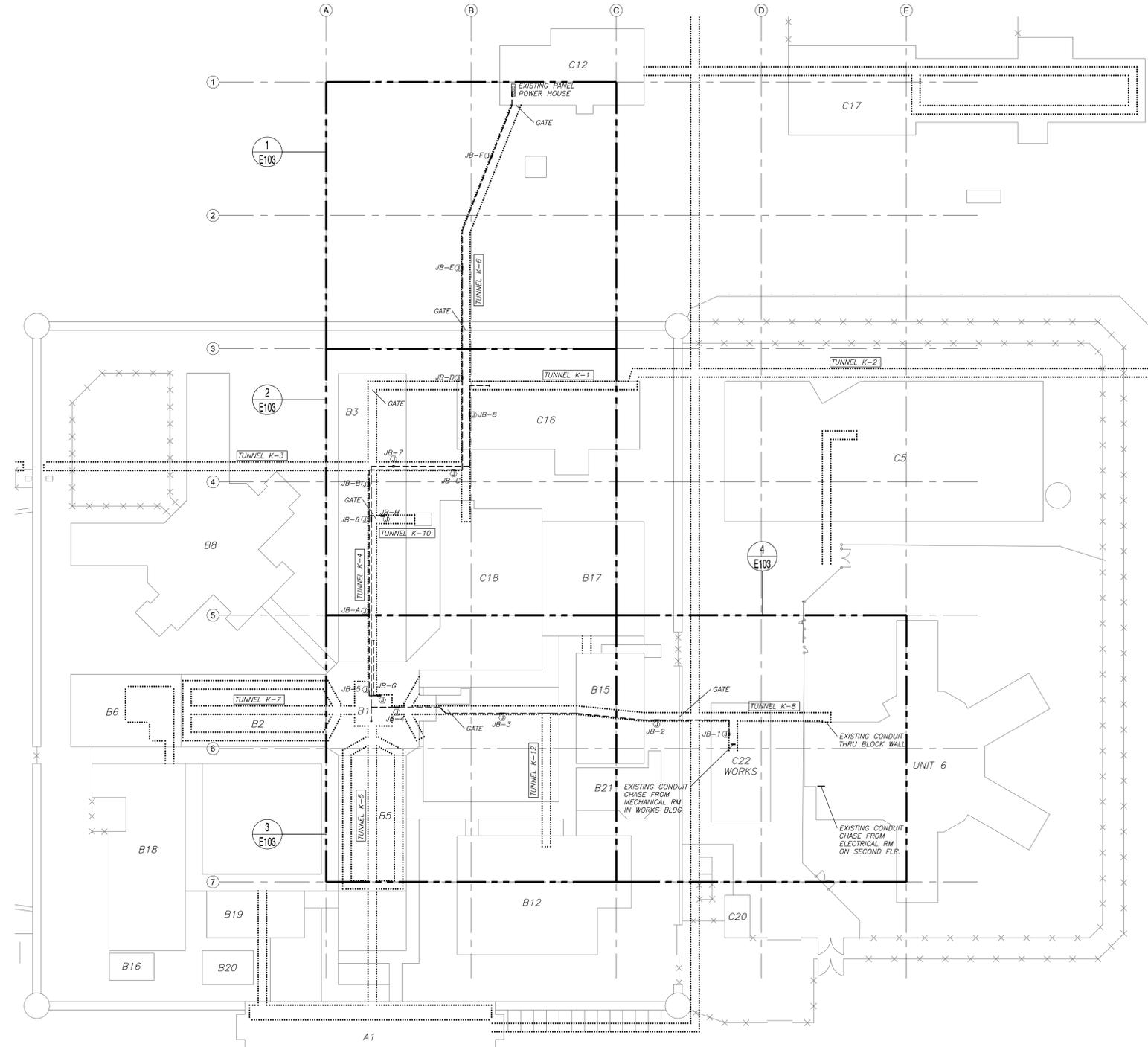
KEY NOTES:			
A1	ADMINISTRATION	B19	CHAPEL
B1	PRISON DOME	B20	VISITING DUPLEX 1,2
B2	'A' RANGE	B21	ARTS & CRAFTS
B3	'M' RANGE	C5	INDUSTRIAL SHOP - CORCAY
B5	'B' RANGE	C12	POWER HOUSE
B6	CULTURAL CENTRE	C16	METAL & TAILOR SHOP
B8	MULTIPURPOSE BLDC	C17	STORES
B12	KITCHEN	C18	RECREATION HALL
B15	S.I.S.	C20	FIREHALL
B16	VISITING DUPLEX 3	C22	WORKS
B17	SCHOOL	UNIT 6	96 BED BUILDING
B18	HOSPITAL PSYCHOLOGY		

ELECTRICAL LEGEND		
ITEM	SYMBOL	REMARKS
ELECTRICAL PANEL		
DDC PANEL		
NEW EMT CONDUIT FOR DDC		500Ø
NEW EMT CONDUIT FOR 120V		
EXISTING CONDUIT		500Ø
JUNCTION BOX		
PHOTO LOCATION		ARROW SHOWS VIEWING DIRECTION
FAN COIL		26W 24VDC
FAN COIL TAG		

EXISTING JUNCTION BOX SCHEDULE				
BOX TAG	SIZE (WxHxD)	INCOMING CONDUIT (SIZE & CONTENTS)	OUTGOING CONDUIT (SIZE & CONTENTS)	ELEV. (A.F.F.)
JB-1	610x150x150	100Ø CONDUIT w/ 3 FIBRE OPTIC CABLES	50Ø CONDUIT w/ 3 FIBRE OPTIC CABLES	1118
JB-2	1219x200x127	50Ø CONDUIT w/ 3 FIBRE OPTIC CABLES	50Ø CONDUIT w/ 3 FIBRE OPTIC CABLES	400
JB-3	1219x200x127	50Ø CONDUIT w/ 3 FIBRE OPTIC CABLES	50Ø CONDUIT w/ 3 FIBRE OPTIC CABLES	1689
JB-4	1219x200x127	50Ø CONDUIT w/ 3 FIBRE OPTIC CABLES (1 CUT IN BOX)	50Ø CONDUIT w/ 6 FIBRE OPTIC CABLES 1 #14 AWG 50Ø CONDUIT w/ 6 FIBRE OPTIC CABLES 1 #14 AWG	787
JB-5	300x100x114	50Ø CONDUIT w/ 6 FIBRE OPTIC CABLES 1 #14 AWG	50Ø CONDUIT w/ 6 FIBRE OPTIC CABLES 1 #14 AWG	1295
JB-6	1219x200x127	50Ø CONDUIT w/ 6 FIBRE OPTIC CABLES 1 #14 AWG	50Ø CONDUIT w/ 6 FIBRE OPTIC CABLES 1 #14 AWG	1956
JB-7	400x400x150	50Ø CONDUIT w/ 6 FIBRE OPTIC CABLES 1 #14 AWG 50Ø CONDUIT w/ 2 GREY DATA CABLES 50Ø CONDUIT w/ 3 FIBRE OPTIC CABLES 1 GREY DATA CABLE 2 #14 AWG	50Ø CONDUIT w/ 2 FIBRE OPTIC CABLES 1 GREY DATA CABLE 1 #14 AWG	1295
JB-8	1219x200x150	50Ø CONDUIT w/ 2 FIBRE OPTIC CABLES	50Ø CONDUIT w/ 2 FIBRE OPTIC CABLES	1524
JB-A	914x200x127	50Ø CONDUIT w/ 3 FIBRE OPTIC CABLES	50Ø CONDUIT w/ 3 FIBRE OPTIC CABLES	
JB-B	914x200x127	50Ø CONDUIT w/ 3 FIBRE OPTIC CABLES	50Ø CONDUIT w/ 3 FIBRE OPTIC CABLES	
JB-C	914x200x127	50Ø CONDUIT w/ 3 FIBRE OPTIC CABLES	50Ø CONDUIT w/ 3 FIBRE OPTIC CABLES	633
JB-D	914x200x127	50Ø CONDUIT w/ 3 FIBRE OPTIC CABLES 13Ø CONDUIT w/ 4 #24 AWG GREY 25Ø CONDUIT w/ 2 FIBRE OPTIC CABLES 1 #24 AWG YELLOW	50Ø CONDUIT w/ 1 FIBRE OPTIC CABLE 4 #24 AWG GREY 2 #24 AWG YELLOW	1219
JB-E	914x200x127	50Ø CONDUIT w/ 1 FIBRE OPTIC CABLE 4 #24 AWG GREY 2 #24 AWG YELLOW	50Ø CONDUIT w/ 1 FIBRE OPTIC CABLE 4 #24 AWG GREY 2 #24 AWG YELLOW	1676
JB-F	914x200x127	50Ø CONDUIT w/ 1 FIBRE OPTIC CABLE 4 #24 AWG GREY 2 #24 AWG YELLOW	50Ø CONDUIT w/ 1 FIBRE OPTIC CABLE 4 #24 AWG GREY 2 #24 AWG YELLOW	1219
JB-G	914x914x300	25Ø CONDUIT w/ 2 FIBRE OPTIC CABLES 25Ø CONDUIT w/ 1 FIBRE OPTIC CABLE	38Ø CONDUIT w/ 3 FIBRE OPTIC CABLES	NOT VERIFIED
JB-H	914x914x300	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-1 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.	



SMI
OVERALL SITE - TUNNEL LAYOUT
1:500



Revision	Description	Date
0	ISSUED FOR TENDER	2017/07/21

PUBLIC WORKS & GOVERNMENT SERVICES
100-167 LOMBARD AVENUE
WINNIPEG, MB R3B 0T6

Project: CORRECTIONAL SERVICE CANADA
STONY MOUNTAIN INSTITUTION
STONY MOUNTAIN, MB
**UNIT 6
MECHANICAL UPGRADE**

Designed by: ZHA
Drawn by: RTD
Approved by: KAS
Project Manager: TIM LODGE

**UNIT 6
TO POWER HOUSE
SITE TUNNELS - EXISTING**

Project no./No. du projet	Drawing no./No. du dessin	Revision no.
R.043722.003	E102	0