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

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

PW52C Project Manager
TIM LODGE

Drawing title

UNIT 6 2ND FLOOR
ELECTRICAL & MECHANICAL ROOMS,
WORKS BUILDING & TUNNEL K-8
ELEVATIONS - EXISTING

Project no./No. du projet

R.043722.003

Drawing no./No. du dessin

E105

OF 13

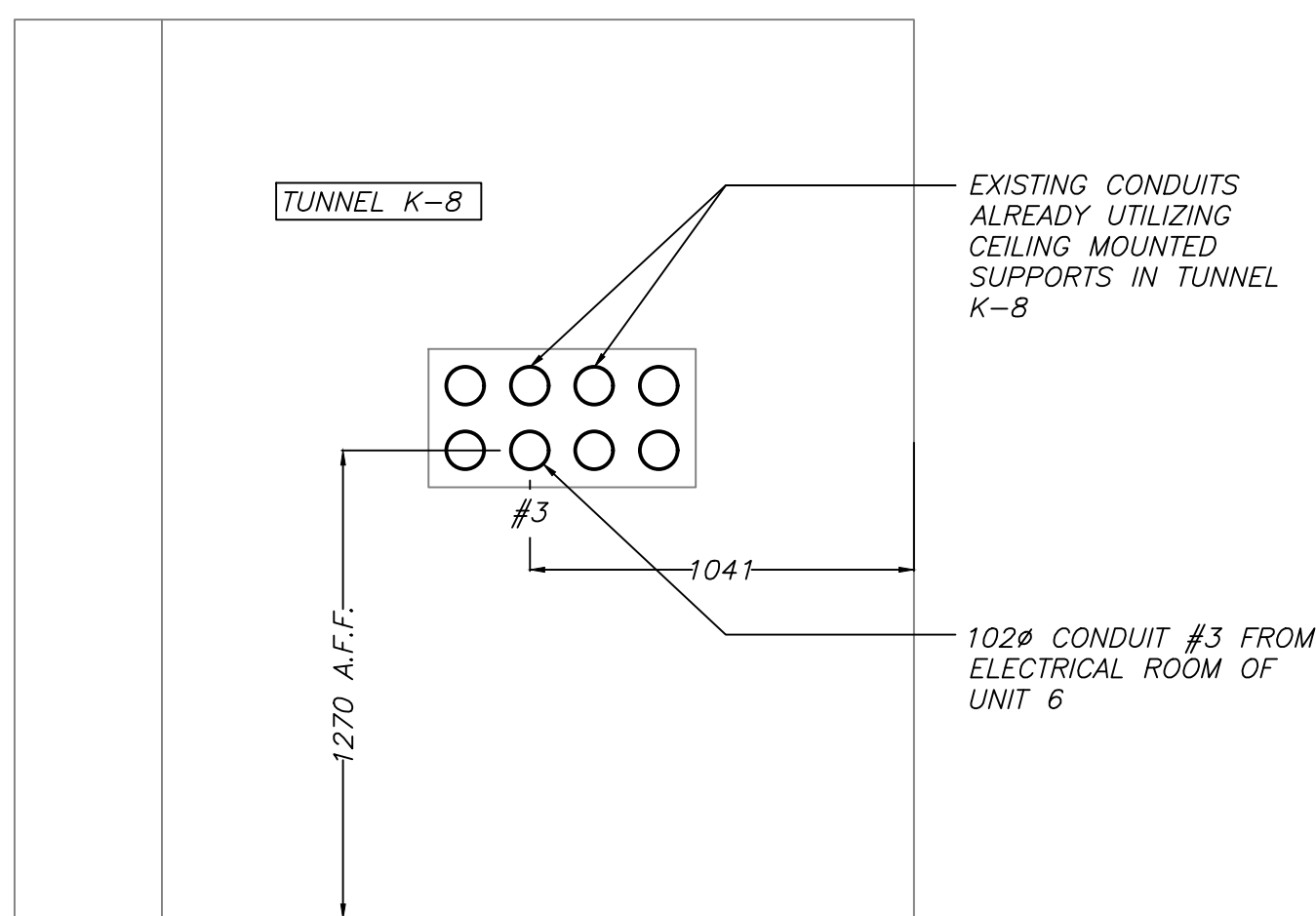
Revision no.

0

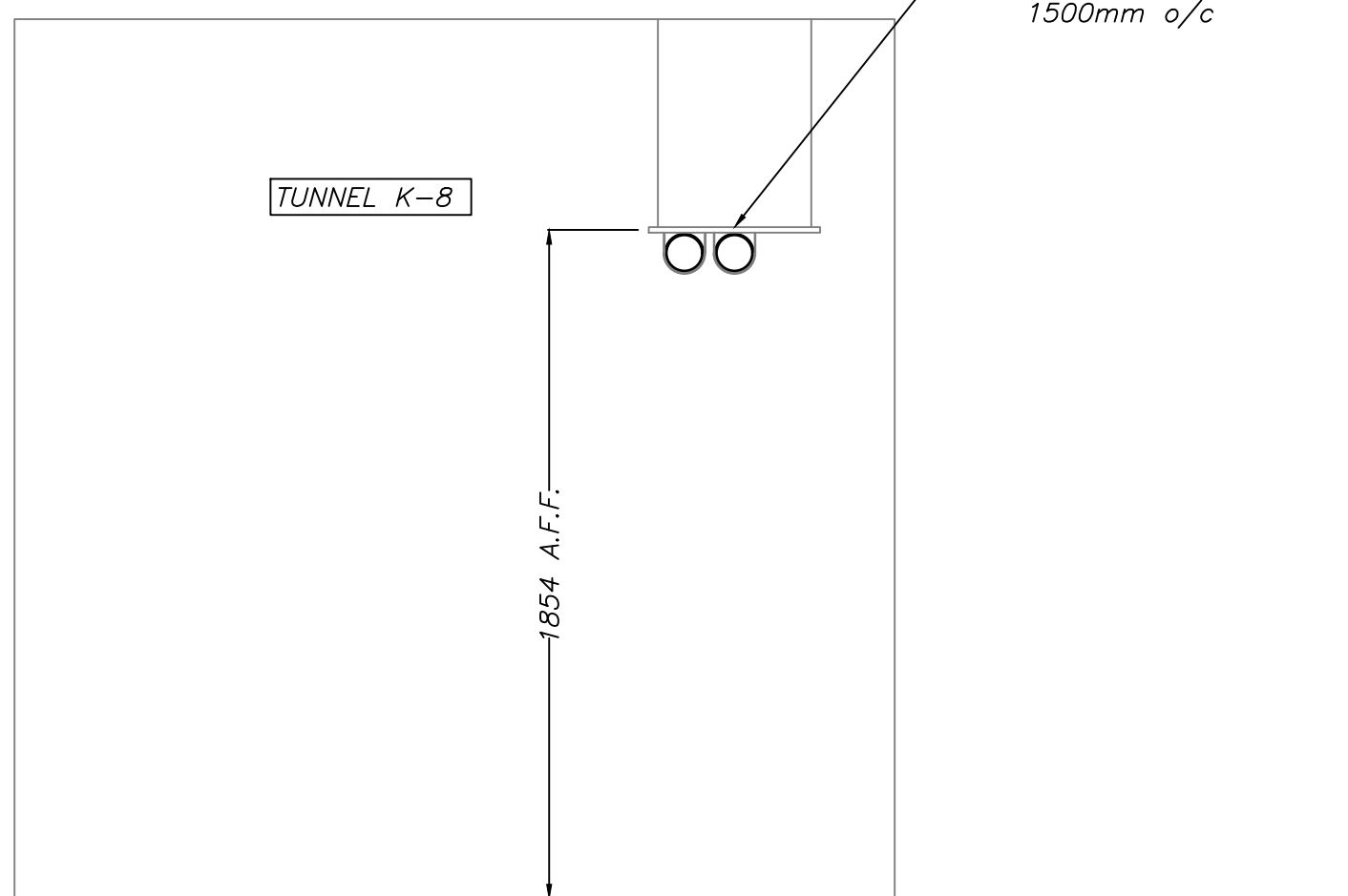
ELECTRICAL LEGEND		
ITEM	SYMBOL	REMARKS
ELECTRICAL PANEL		
DDC PANEL		
NEW EMT CONDUIT FOR DDC		500
NEW EMT CONDUIT FOR 120V		
EXISTING CONDUIT		500
JUNCTION BOX		
PHOTO LOCATION		ARROW SHOWS VIEWING DIRECTION
FAN COIL		26W 24VDC
FAN COIL TAG		

EXISTING JUNCTION BOX SCHEDULE				
BOX TAG	SIZE (WxHxD)	INCOMING CONDUIT (SIZE & CONTENTS)	OUTGOING CONDUIT (SIZE & CONTENTS)	ELEV. (A.F.F.)
JB-1	610x150x150	1020 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	400
JB-3	1219x200x127	500 CONDUIT w/ 3 FIBRE OPTIC CABLES	500 CONDUIT w/ 3 FIBRE OPTIC CABLES	1689
JB-4	1219x200x127	500 CONDUIT w/ 3 FIBRE OPTIC CABLES (1 CUT IN BOX)	500 CONDUIT w/ 6 FIBRE OPTIC CABLES 1 #14 AWG	787
JB-5	300x100x114	500 CONDUIT w/ 6 FIBRE OPTIC CABLES 1 #14 AWG	500 CONDUIT w/ 6 FIBRE OPTIC CABLES 1 #14 AWG	1295
JB-6	1219x200x127	500 CONDUIT w/ 6 FIBRE OPTIC CABLES 1 #14 AWG	500 CONDUIT w/ 5 FIBRE OPTIC CABLES 1 #14 AWG	1956
JB-7	400x400x150	500 CONDUIT w/ 5 FIBRE OPTIC CABLES 1 #14 AWG	500 CONDUIT w/ 2 FIBRE OPTIC CABLES	1295
JB-8	1219x200x150	500 CONDUIT w/ 2 FIBRE OPTIC CABLES	500 CONDUIT w/ 2 FIBRE OPTIC CABLES	1524
JB-A	914x200x127	500 CONDUIT w/ 3 FIBRE OPTIC CABLES	500 CONDUIT w/ 3 FIBRE OPTIC CABLES	
JB-B	914x200x127	500 CONDUIT w/ 3 FIBRE OPTIC CABLES	500 CONDUIT w/ 3 FIBRE OPTIC CABLES	
JB-C	914x200x127	500 CONDUIT w/ 3 FIBRE OPTIC CABLES	500 CONDUIT w/ 3 FIBRE OPTIC CABLES	533
JB-D	914x200x127	500 CONDUIT w/ 3 FIBRE OPTIC CABLES 130 CONDUIT w/ 4 #24 AWG GREY 250 CONDUIT w/ 2 FIBRE OPTIC CABLES 1 #24 AWG YELLOW	500 CONDUIT w/ 1 FIBRE OPTIC CABLE 4 #24 AWG GREY 4 #24 AWG YELLOW	1219
JB-E	914x200x127	500 CONDUIT w/ 1 FIBRE OPTIC CABLE 4 #24 AWG GREY 2 #24 AWG YELLOW	500 CONDUIT w/ 1 FIBRE OPTIC CABLE 4 #24 AWG GREY 2 #24 AWG YELLOW	1676
JB-F	914x200x127	500 CONDUIT w/ 1 FIBRE OPTIC CABLE 4 #24 AWG GREY 2 #24 AWG YELLOW	500 CONDUIT w/ 1 FIBRE OPTIC CABLE 4 #24 AWG GREY 2 #24 AWG YELLOW	1219
JB-G	914x914x300	250 CONDUIT w/ 2 FIBRE OPTIC CABLES 250 CONDUIT w/ 1 FIBRE OPTIC CABLE	380 CONDUIT w/ 3 FIBRE OPTIC CABLES	NOT VERIFIED
JB-H	914x914x300	NOT VERIFIED	NOT VERIFIED	NOT VERIFIED

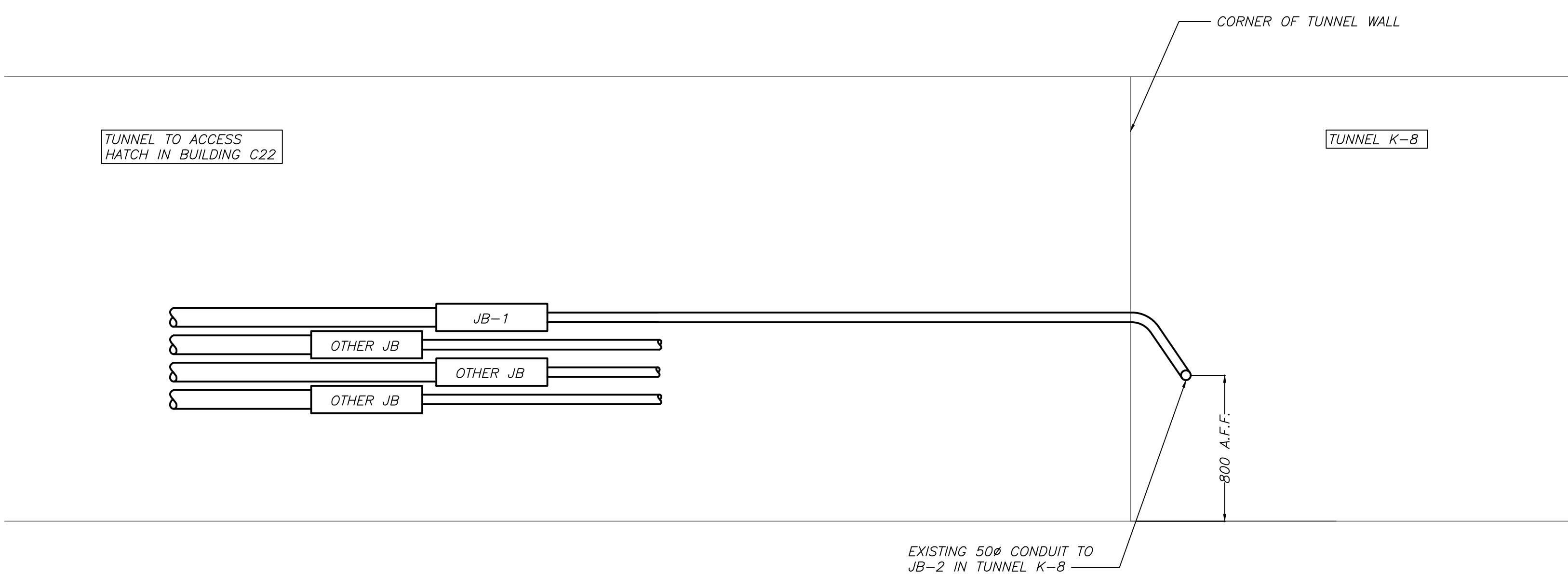
CONSTRUCTION NOTES	
1.	APPROXIMATE DISTANCE THRU EXISTING CONDUITS FROM ELECTRICAL ROOM IN UNIT 6 TO BLOCK WALL IN TUNNEL IS 30 METERS.
2.	APPROXIMATE DISTANCE THRU EXISTING CONDUITS FROM JB-1 TO POWER HOUSE IS 300 METERS.



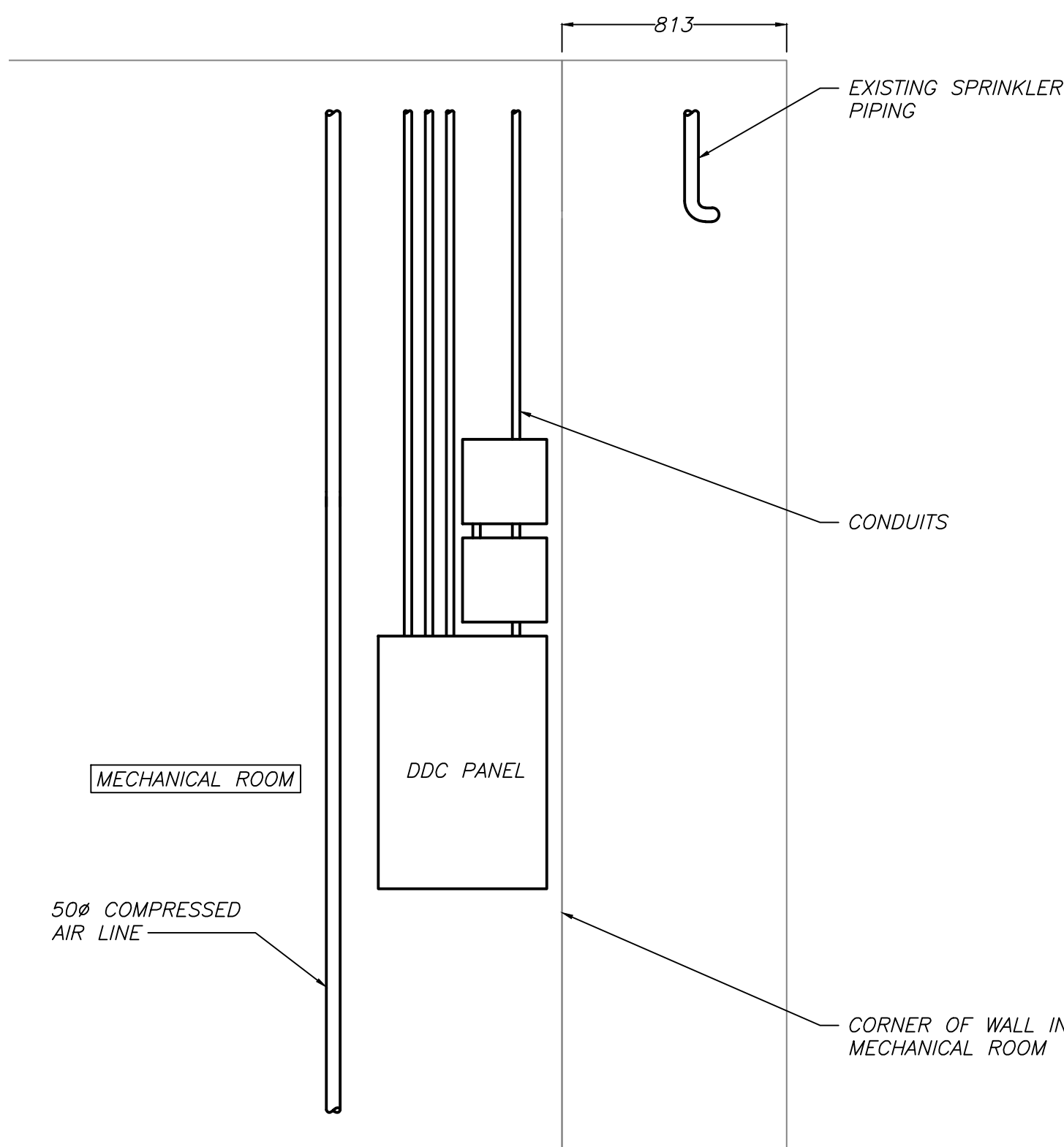
SMI
1
TUNNEL K-8 - WALL ELEVATION
E105
1:20
SHEET REF. E104



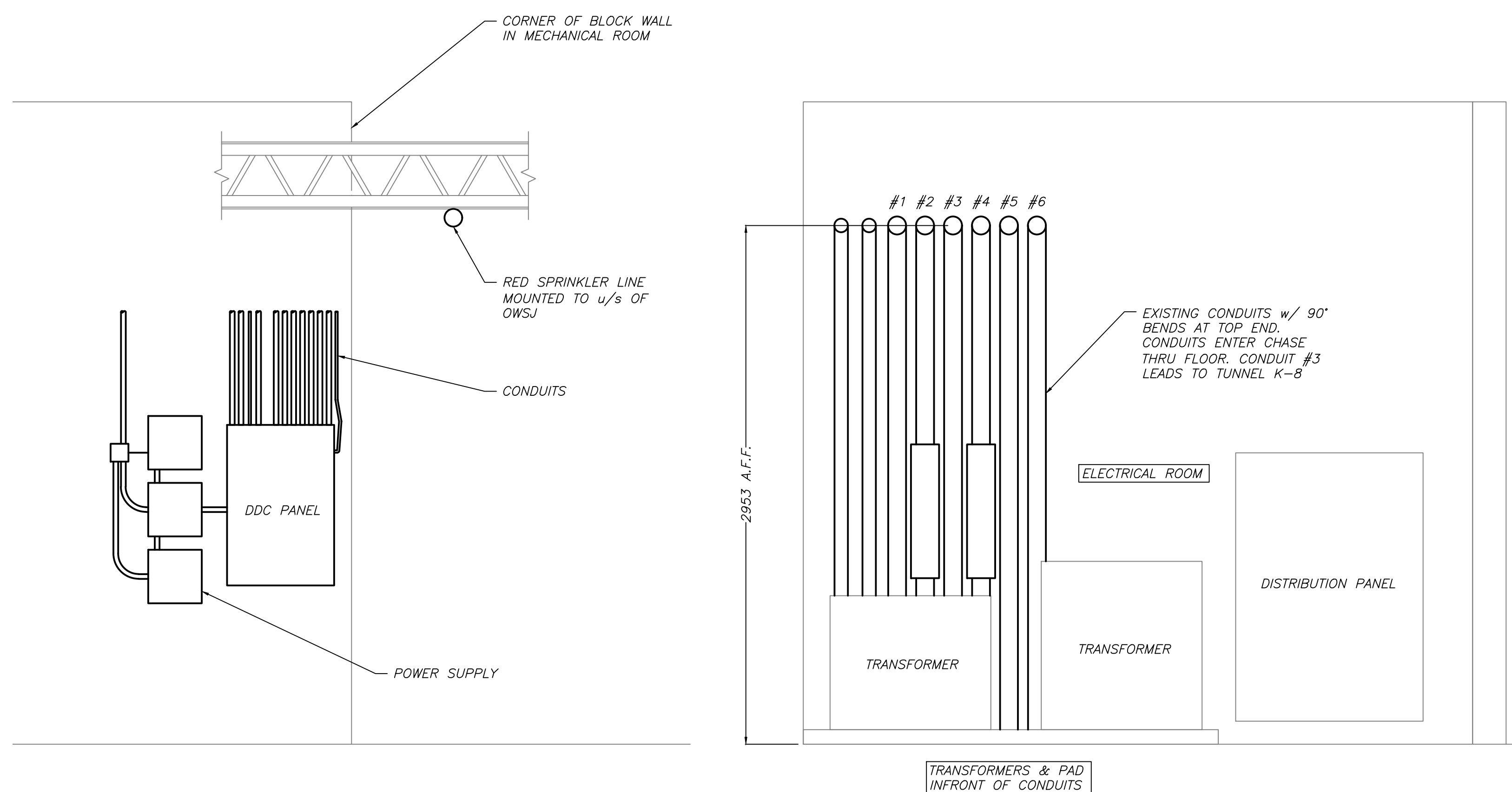
SMI
2
TUNNEL K-8 - SECTION
E105
1:20
SHEET REF. E104



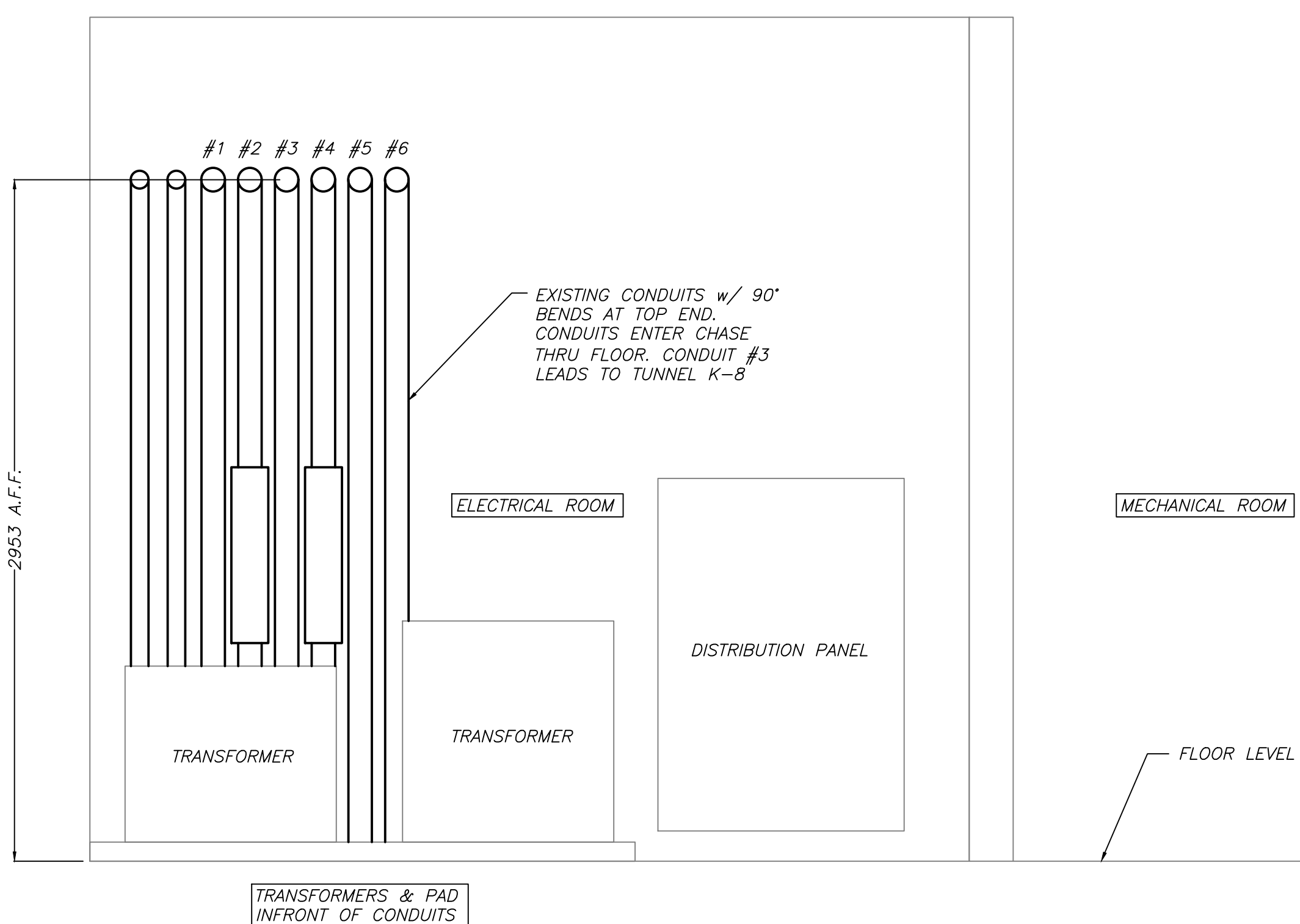
SMI
3
TUNNEL K-8 - WALL ELEVATION
E105
1:20
SHEET REF. E104



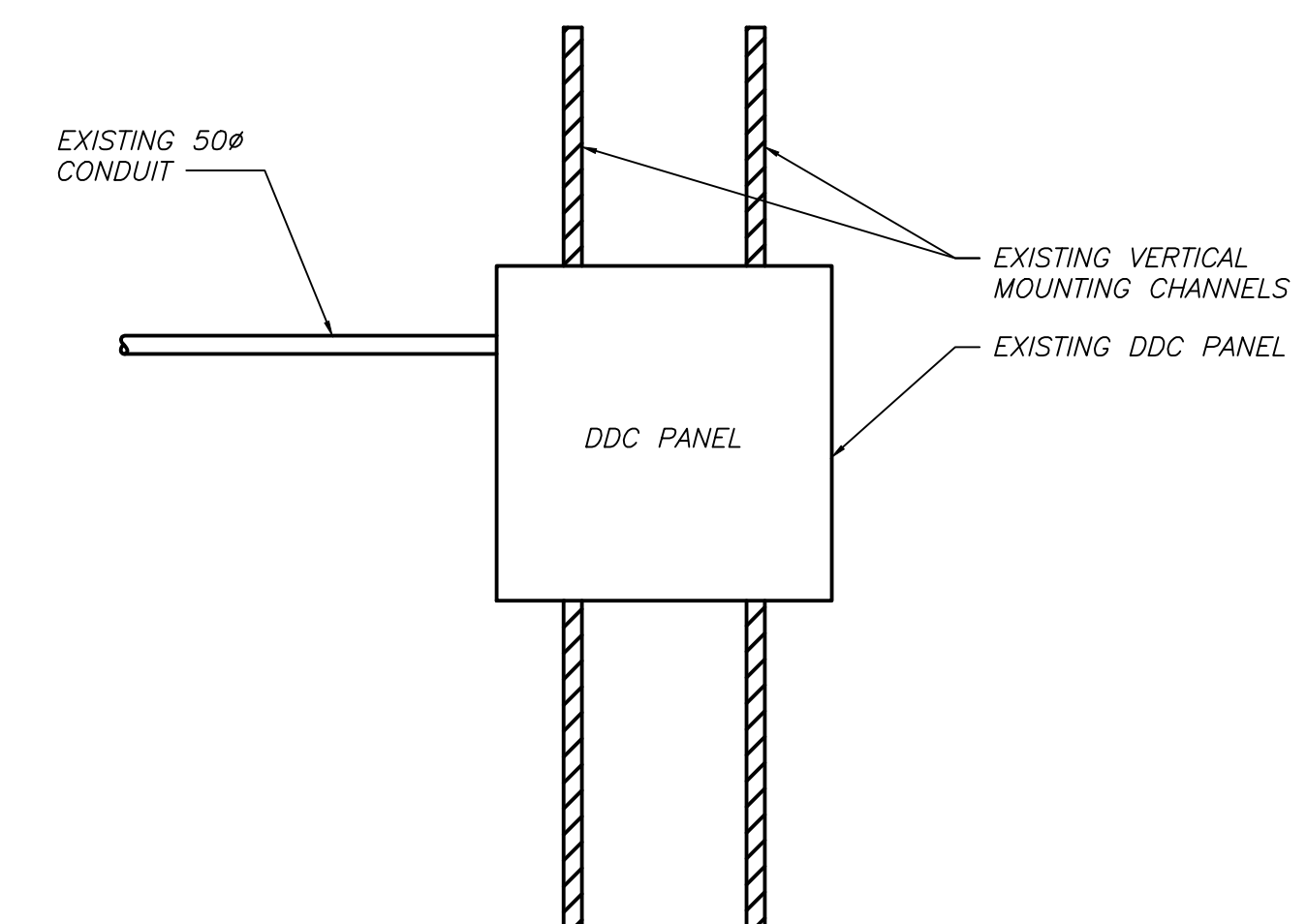
SMI - WORKS BDLG
4
MECH ROOM - WALL ELEVATION
E105
1:20
SHEET REF. E104



SMI - UNIT 6
5
MECHANICAL ROOM - WALL ELEVATION
E105
1:20
SHEET REF. E104



SMI - UNIT 6
6
ELECTRICAL ROOM - WALL ELEVATION
E105
1:20
SHEET REF. E104



SMI - POWER HOUSE
7
BASEMENT DDC PANEL - WALL ELEVATION
E105
1:20
SHEET REF. E103