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SCALE 1:100
SCALE FOR REDUCED PRINTS
0 5 10 m

REFERENCE	DESCRIPTION
4MPI	400kV MEDIUM LEVEL POST INSULATOR
4LSA	400kV LOW LEVEL SURGE ARRESTER (ABB)
SS	400kV OHI SUPPORT STRUCTURE

NOMINAL VOLTAGE	PHASE TO EARTH CLEARANCE	PHASE TO PHASE CLEARANCE	VERTICAL WORKING & ACCESS CLEARANCE (DS)	HORIZONTAL WORKING & ACCESS CLEARANCE (Dph)	SAFETY DISTANCE (SD)
kV	m	m	m	m	m
400	2.4	2.8	3.6	4.6	3.1

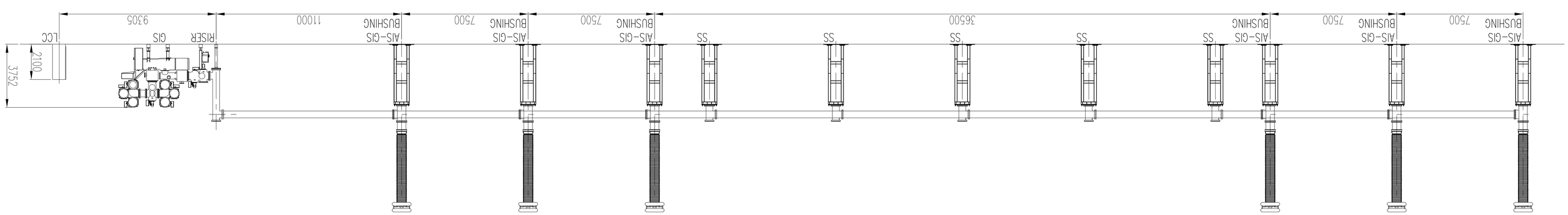
NOMINAL VOLTAGE	DESIGN CLEARANCE FOR WORKING & OPERATION (HORIZONTAL Dd)	CLEARANCE FOR WORKING & OPERATION (VERTICAL Dv)
kV	m	m
400	6.6	7.5

TOWER 186

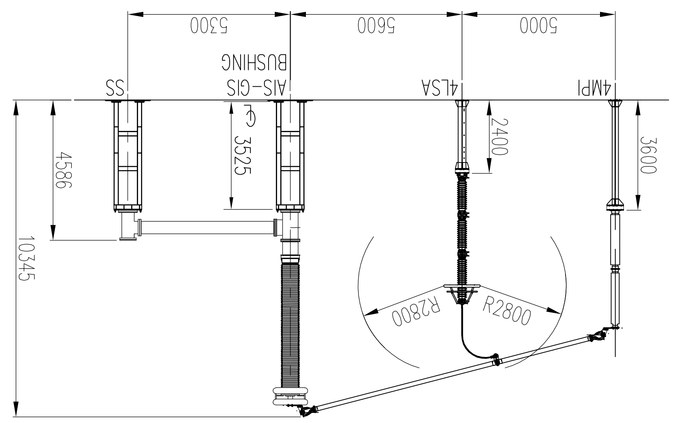
NGTS 2.1

SAFETY CLEARANCE TABLE.

SECTION B-B

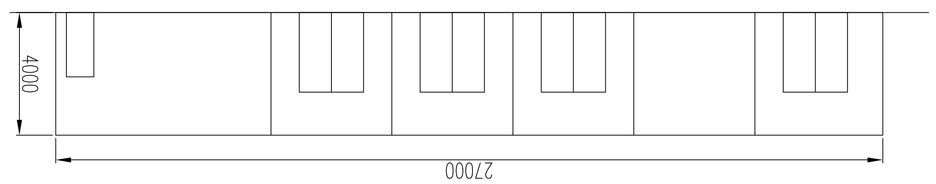


SECTION A-A



END VIEW ON BUILDING

FRONT VIEW ON BUILDING



ISSUE		REMARKS	
ISSUE	P03	REMARKS	
DRAWN			
CHKD 1			
CHKD 2			
APPD			DATE
ISSUE	P02	REMARKS	
DRAWN			
CHKD 1			
CHKD 2			
APPD			DATE
ISSUE	P01	REMARKS	
DRAWN	NM	UPDATED POST TENDER SUBMISSION.	
CHKD 1	DB		
CHKD 2	NM		
APPD	DB		DATE

BM CODE:

DRAWN:	DB	**DATE**	01/10/18
CHKD 1:	NM	**DESIGN**	DB
CHKD 2:	BM	**APPD**	DB

SITE: MILLBROOK 400kV SUBSTATION

JOB NUMBER:

Balfour Beatty

SCALE: 1:100 @ A0	**SHEET:** 1 OF 1
DRAWING No. MBRO4_DT1_SEC_T101	**ISSUE:** 00

(CLIENT) DRAWING NUMBER	ACAD
(CLIENT) CONTRACT NUMBER	A0

TITLE:
ELECTRICAL SECTION FOR TENDER
GIS SWITCHGEAR - TOWER LOCATION
DOUBLE TEE FROM
EXISTING TOWER