

LEGEND / LEGENDE		
	ENGLISH	FRENCH
<div>BAY 01</div>	AREVA NUMBERING	NUMEROTATION AREVA
<div>BD</div>	BURSTING DISC	DISQUE DE RUPTURE
<div>MAD</div>	MOISTURE ABSORBING DEVICE	ABSORBEUR D'HUMIDITE
<div>DS</div>	GAS DENSITY SWITCH	DENSISTAT
<div></div>	PRESSURE GAGE	MANOMETRE
<div>PO</div>	VIEWING WINDOW	HUBLLOT
<div>V</div>	FILLING VALVE	VANNE DE REMPLISSAGE
<div></div>	PARTITION INSULATOR	CONE FERME
<div></div>	SUPPORT INSULATOR	CONE OUVERT
<div></div>	PARTITIONING INSULATOR	CONE A COMMUNICATION
<div></div>	LOCAL CONTROL CUBICLE	ARMOIRE DE COMMANDE LOCALE
<div></div>	DISCONNECTOR	SECTIONNEUR
<div></div>	EARTHING SWITCH	SECTIONNEUR DE TERRE
<div></div>	REFERENCE PIN	PION DE REFERENCE
<div></div>	PARTIAL DISCHARGE COUPLER	CAPTEUR DECHARGES PARTIELLES

SUMMARY / SOMMAIRE		
Page N°	Description	
1	- Summary - Legend	- Sommaire - Légende
2 3	- Substation overall view - Bays view	- Vue générale de l'implantation - Vue des travées
4-5-6	- Sectionnals Details	- coupes détaillées
7	- 3D general view	- Vue generale 3D







Reference Documents

400 KV GIS SLD : E0003TH010

400 KV GIS GAS SLD : E0003TH011

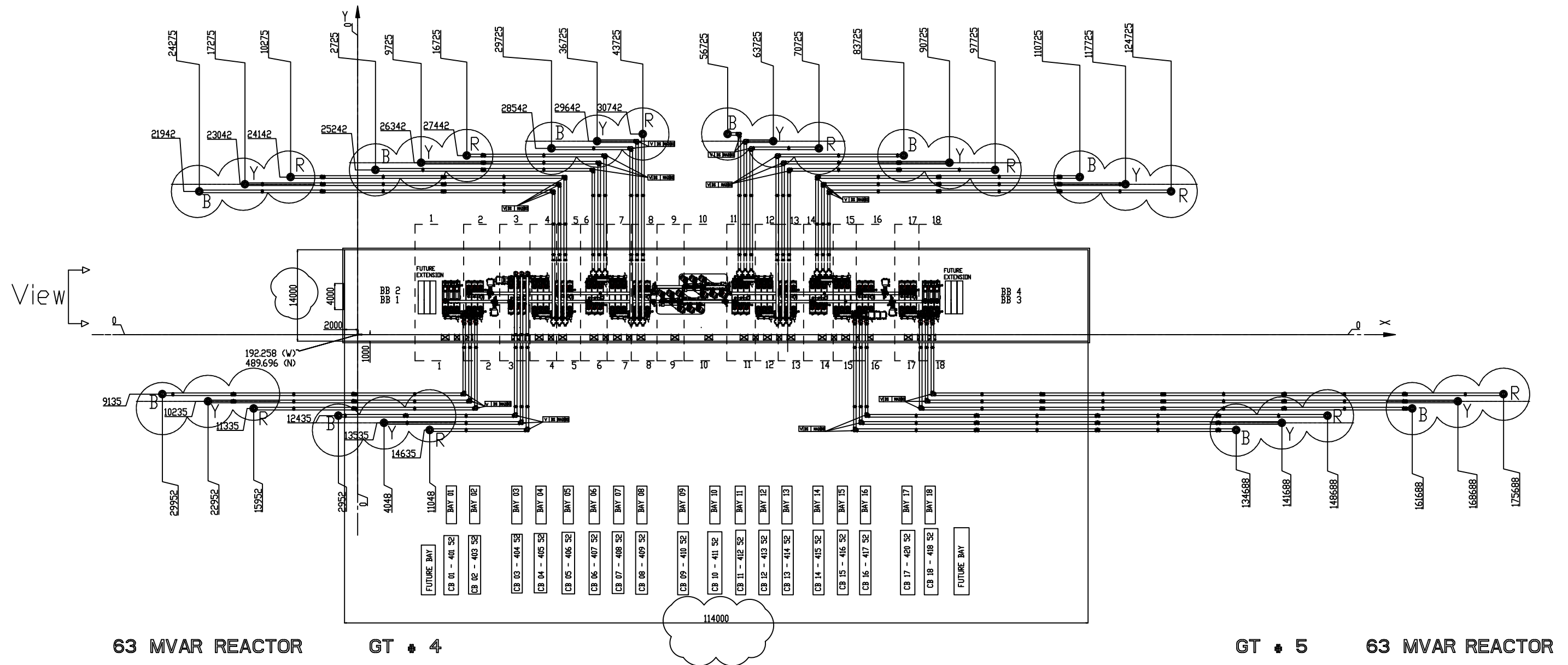
Colour: INSIDE GIS HOUSING - RAL 7038

OUTSIDE GIS HOUSING - RAL 9016

01	Changes as per customer comments	SK	SK	SD	12-02-10
00	First submission	SK	SK	SD	05-02-10
Rev	Description	Prep	Chec	Appd	Date
PROJECT	400kV and 230kV GIS Associated With 2x600 MW TPS of North Chennai Stage (II) Project.				
OWNER		TAMILNADU ELECTRICITY BOARD (TNEB)			
OWNER'S CONSULTANT		DEVELOPMENT CONSULTANT PVT LTD CONSULTING ENGINEERS CHENNAI INDIA			
EPC CONTRACTOR		BHARAT HEAVY ELECTRICAL LTD (BHEL) Transmission project division.			
VENDOR		AREVA T&D INDIA LTD Gas insulated substation ,chennai			
Customer PO Ref.	Unit 1: ED/Proj./600MW NCTPS Stage-II/D.144/08,Dtd:19.01.08				
	Unit 2: ED/Proj./SE/E/T&H(P)/EV/A2/600 MW Unit II NCTPS Stage II/D.258,Dtd:27.06.08				
BHEL PO Ref.	119 P431,Dtd:17-12-09				
	Name	SIGN	Date	Sheet	NO.OF VAR.
				A3	N.A.
DRN.	KARTHIKEYAN S	SK	05-02-10		
CHD.	KARTHIKEYAN S	SK	05-02-10		
APPD.	SRIRAM D	SD	05-02-10		
DEPT		SCALE	WEIGHT	Ref. to ASSY DRG	ITEM NO
CODE		N.A.	N.A.	N.A.	N.A.
TITLE			DRAWING NO. NC-T-400-004		REV 01
400 KV GIS EQUIPMENT LAYOUT			AREVA REFNO: E0003TH012		
			Sheet No:1 of 7		

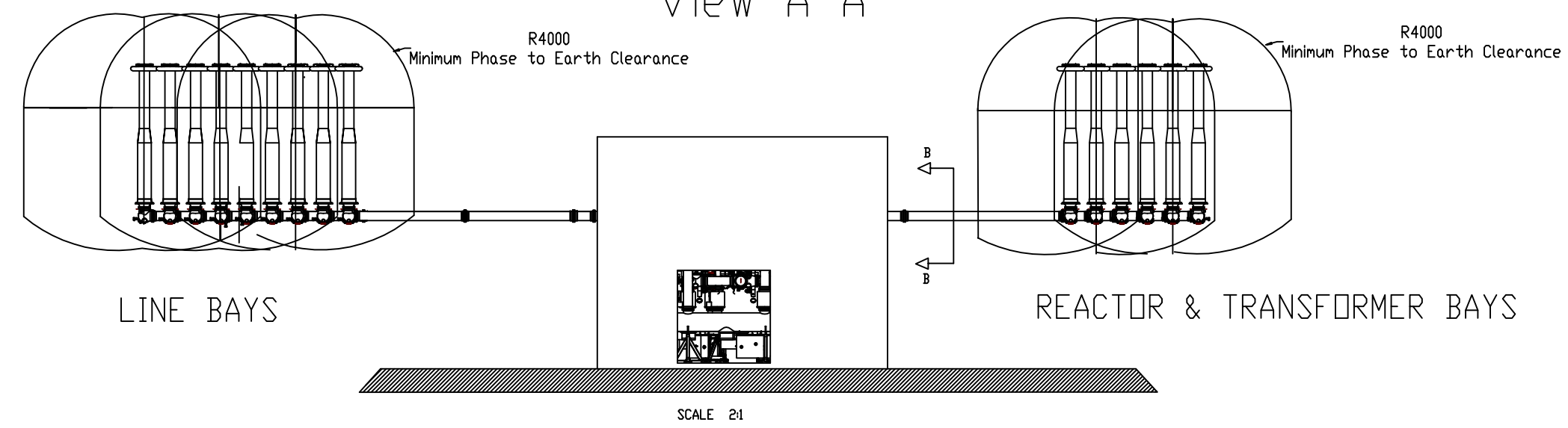
This document is an information document and does not constitute a contract. It is the responsibility of the user to ensure that the information is correct and up-to-date. The user is advised to consult the relevant standards and specifications for the equipment described in this document.

FUTURE VALLUR I VALLUR II S.V.CHATRAM I S.V.CHATRAM II ALAMATHI I ALAMATHI II FUTURE

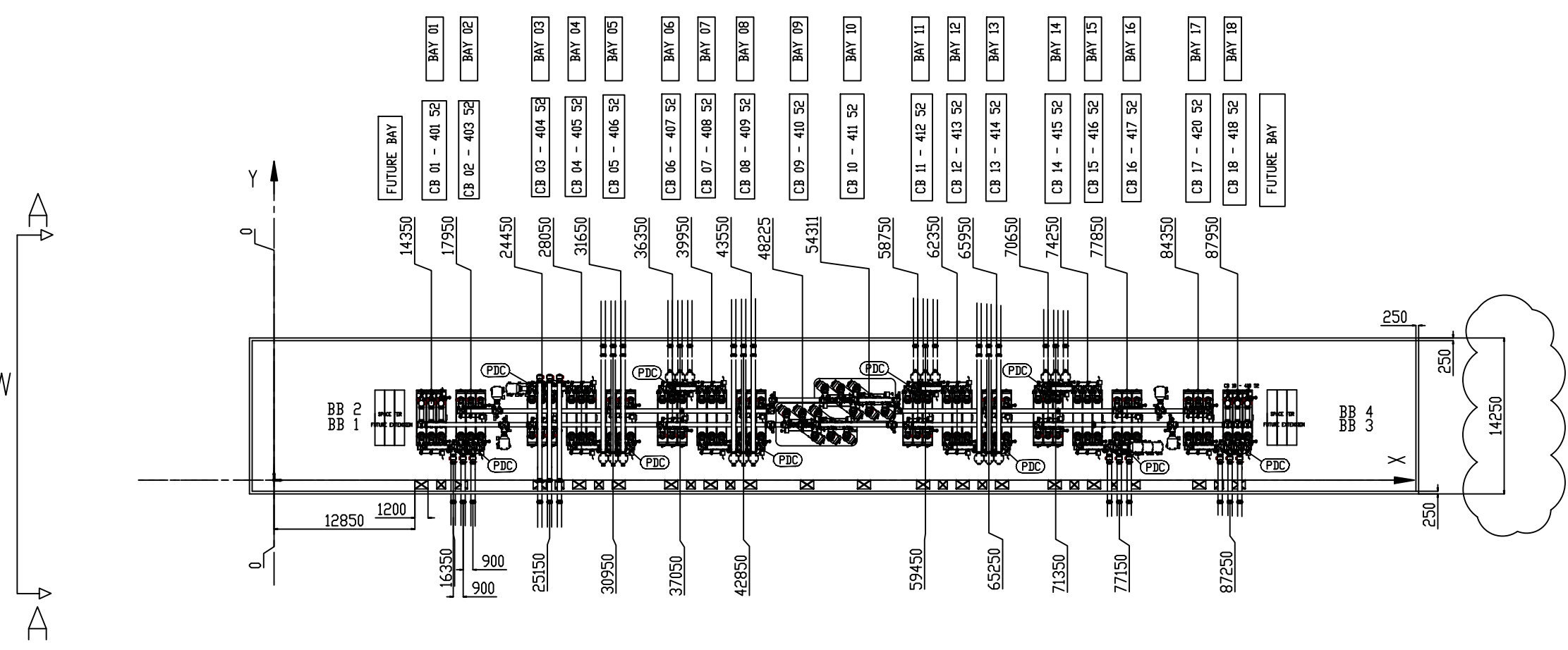


Note  
All Dimensions are in mm

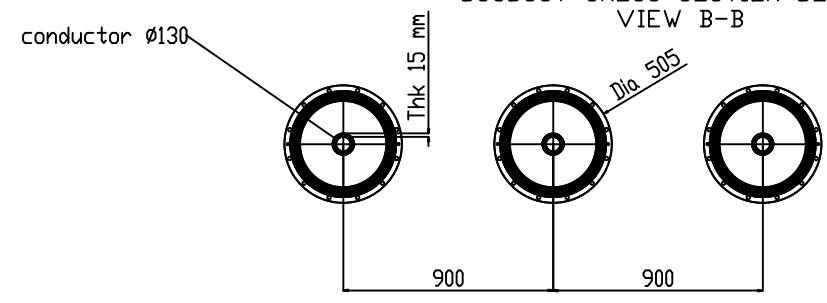
View A-A



View



BUSDUCT CROSS SECTION DETAILS  
VIEW B-B



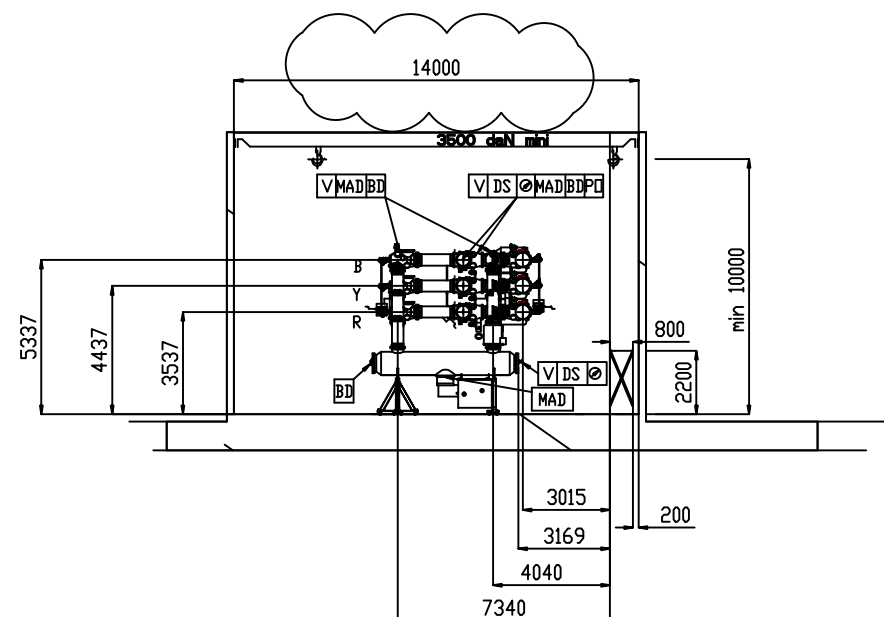
Note

All Dimensions are in mm

TITLE EQUIPEMENT LAYOUT- 400kV GIS	DRAWING NO. NC-T-400-004	REV 01
	AREVA REFERENCE E0003TH012	
	SHT. No 3/7	

VIEW 1-1

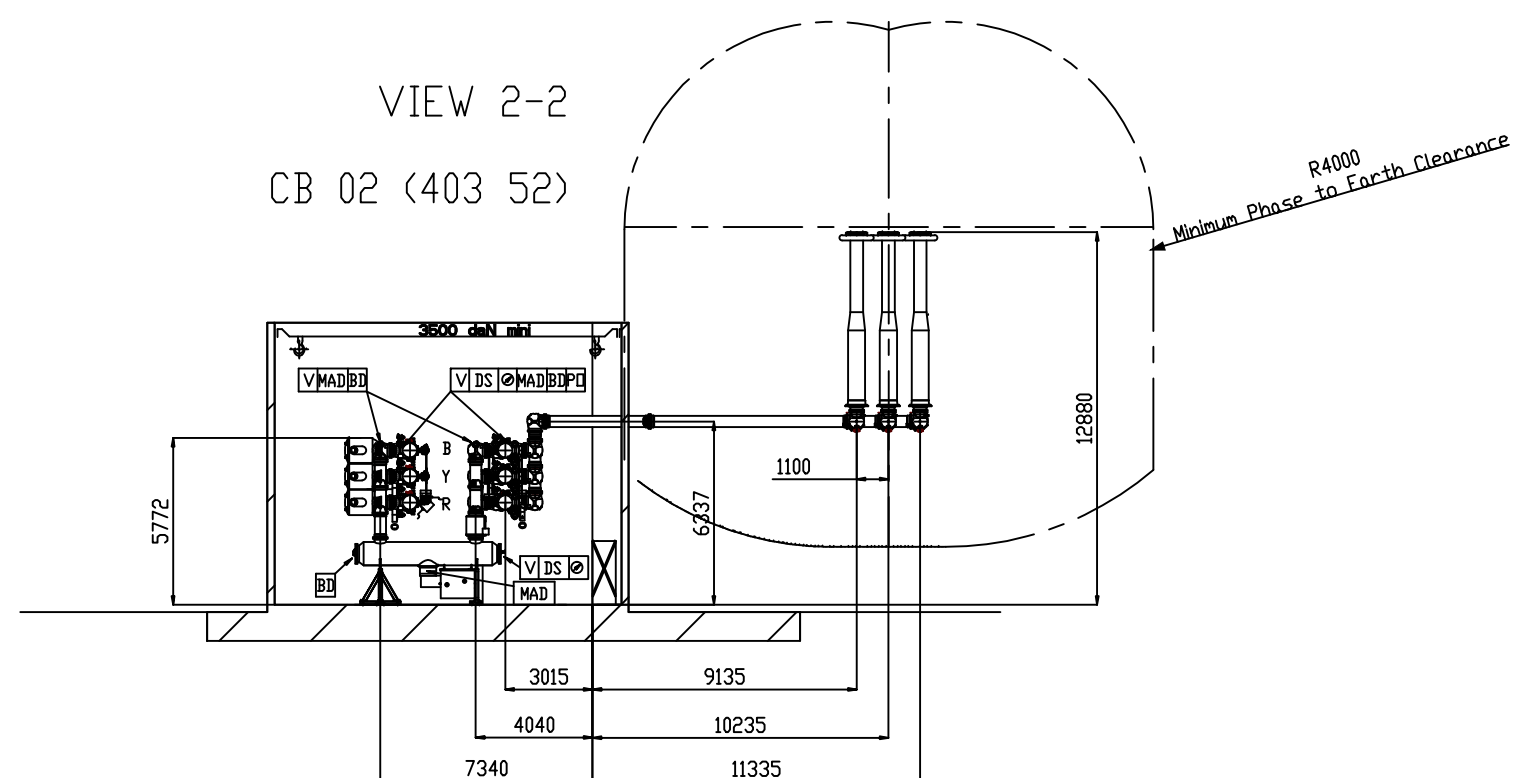
CB 01 (401 52)



63 MVAR REACTOR  
STAGE 2 UNIT 1

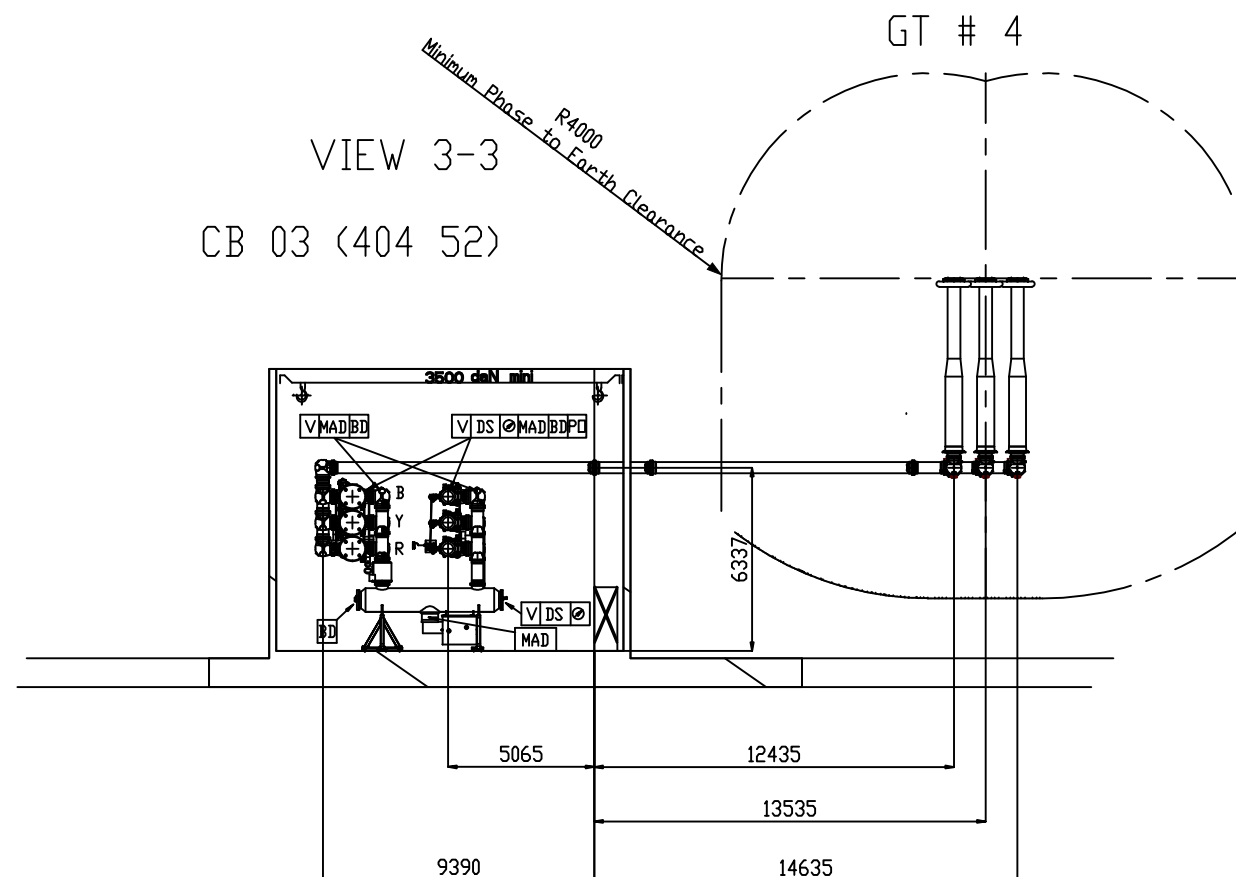
VIEW 2-2

CB 02 (403 52)



VIEW 3-3

CB 03 (404 52)

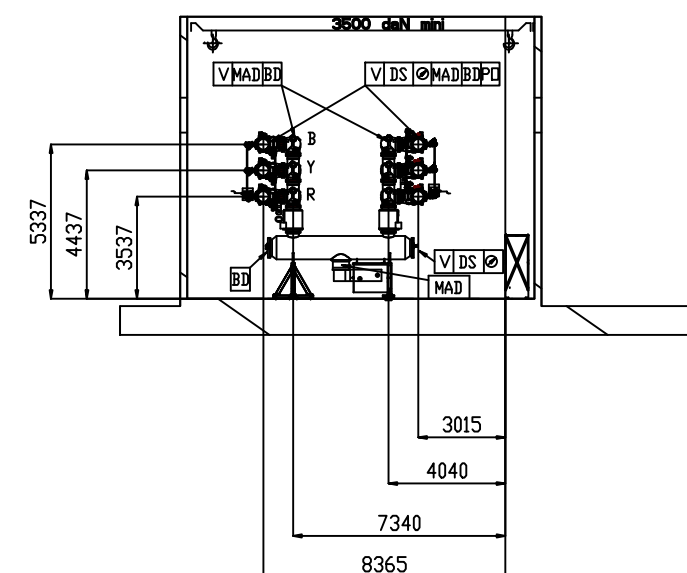


VIEW 4-4  
CB 04 (405 52)

VIEW 7-7  
CB 07 (408 52)

VIEW 12-12  
CB 12 (413 52)

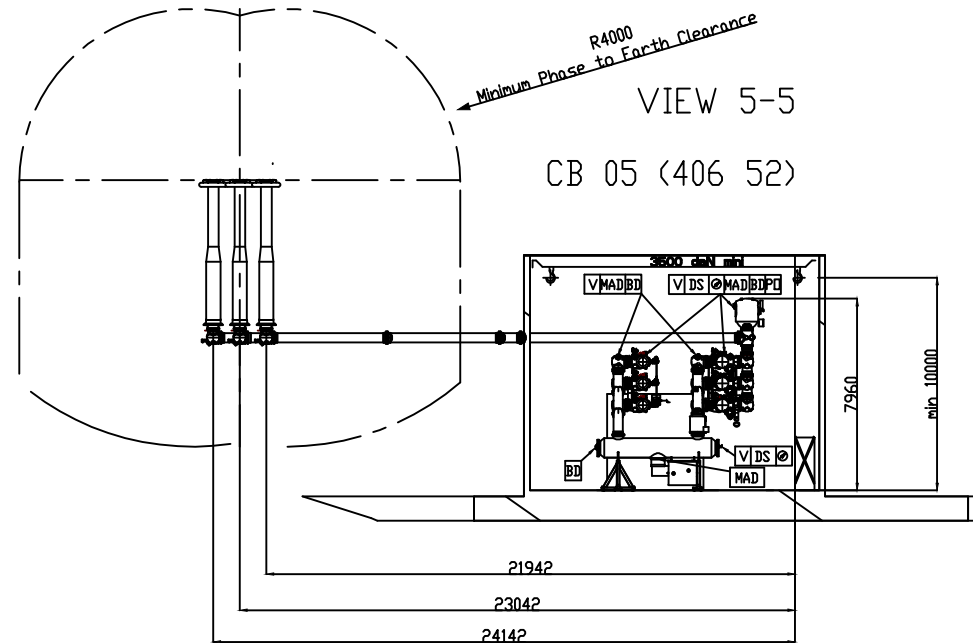
VIEW 15-15  
CB 15 (416 52)



Note  
All Dimensions are in mm

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	AREVA REFERENCE E0003TH012	
	SHT. No 4/7	

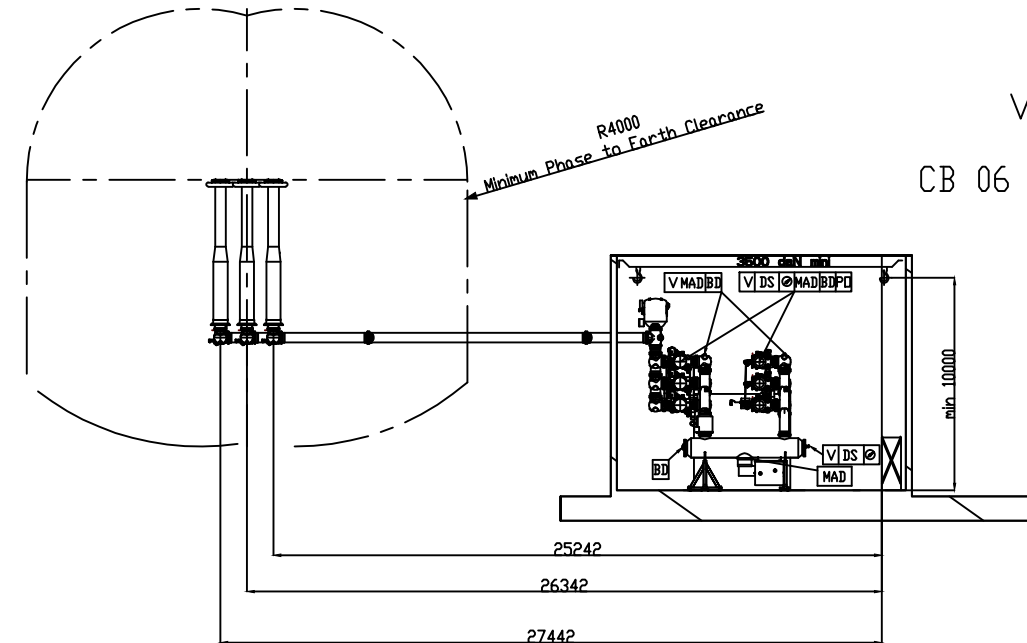
VALLUR - I



VIEW 5-5

CB 05 (406 52)

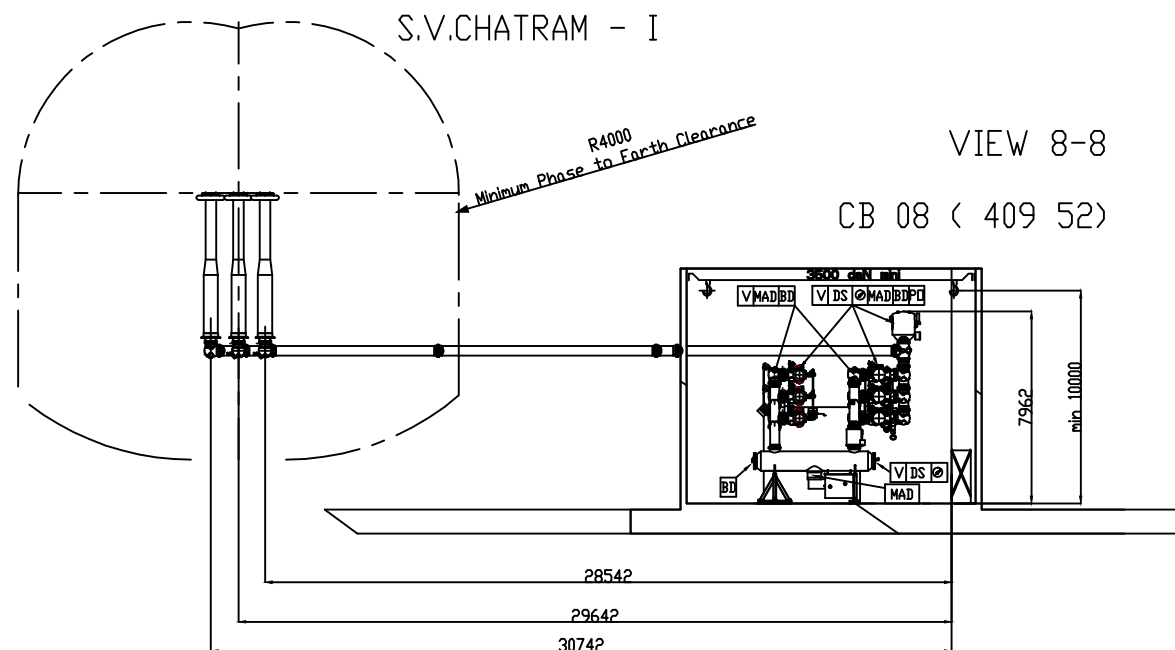
VALLUR - II



VIEW 6-6

CB 06 (407 52)

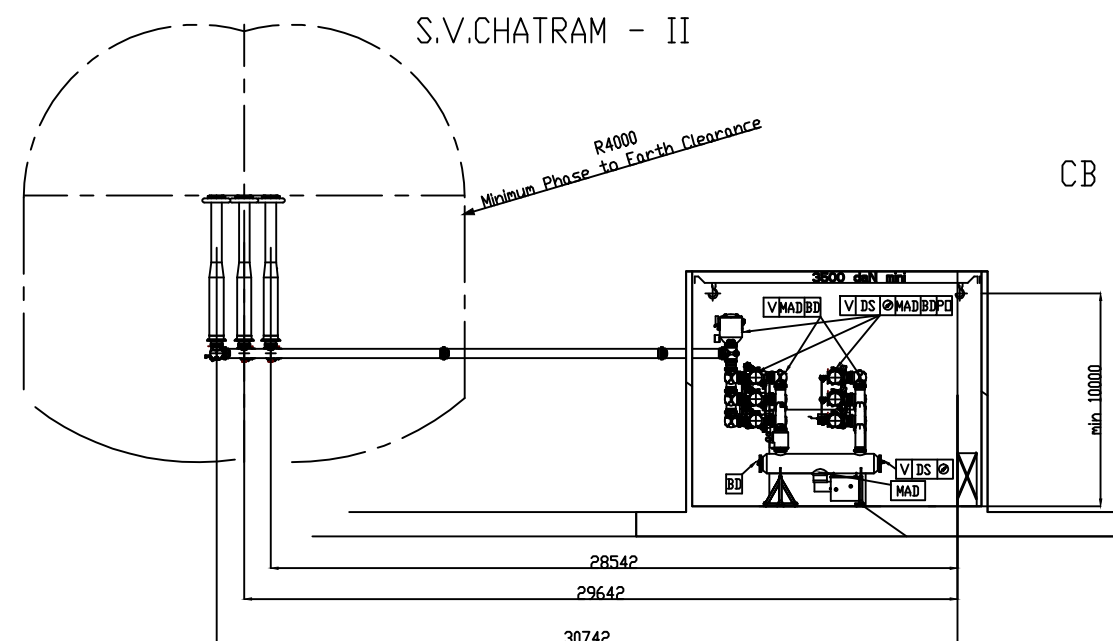
S.V.CHATRAM - I



VIEW 8-8

CB 08 (409 52)

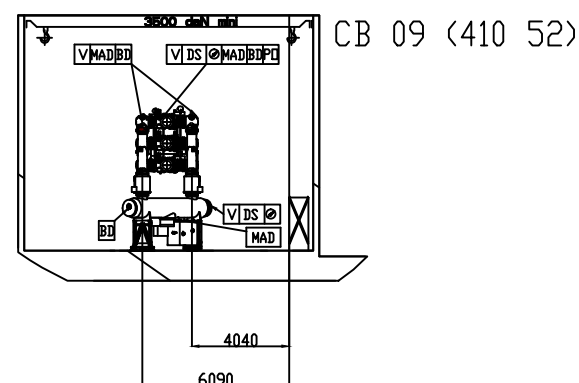
S.V.CHATRAM - II



VIEW 11-11

CB 11 (412 52)

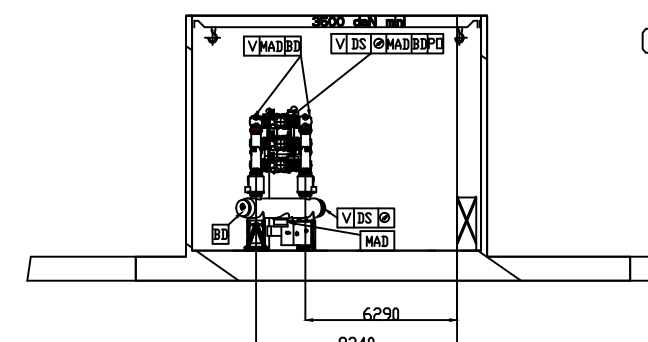
VIEW 9-9



CB 09 (410 52)

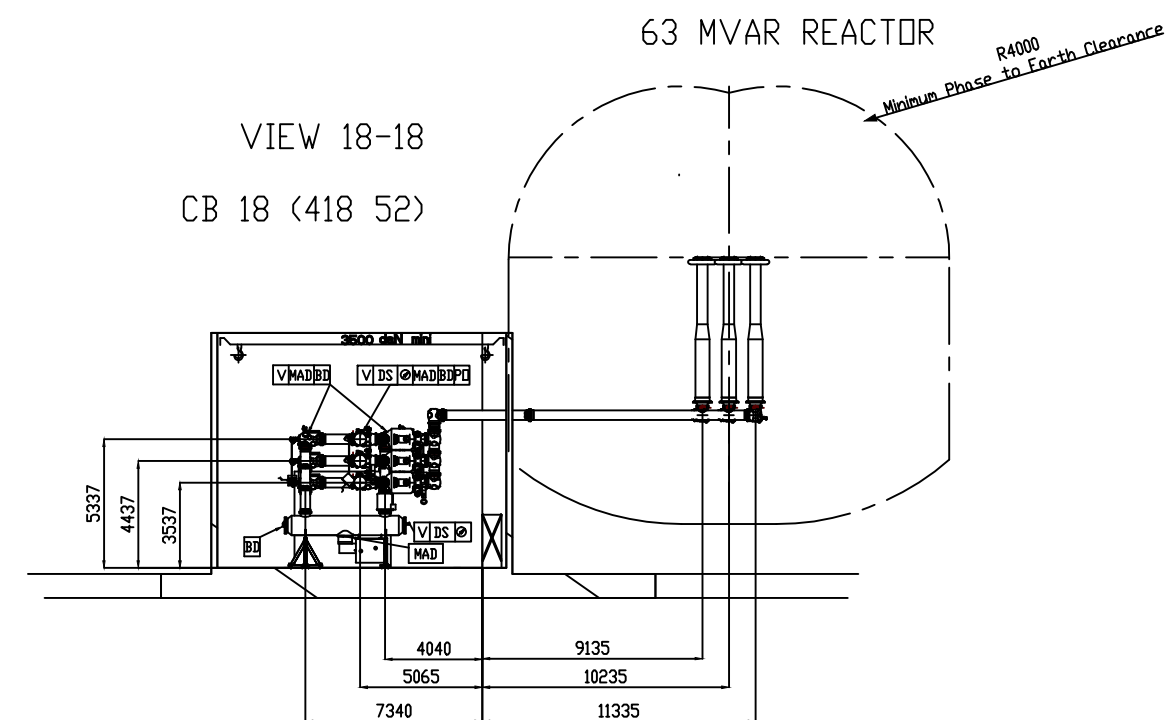
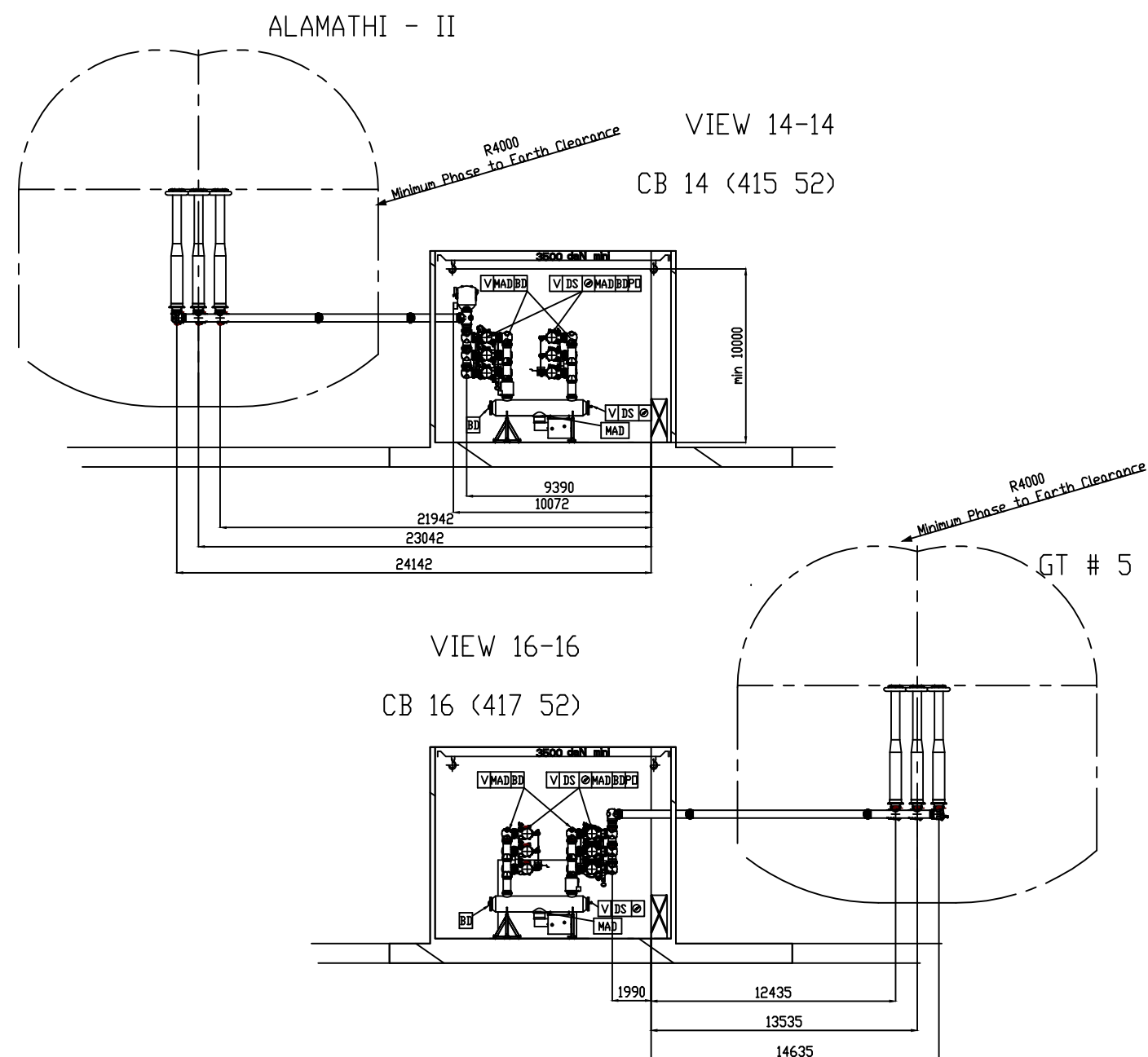
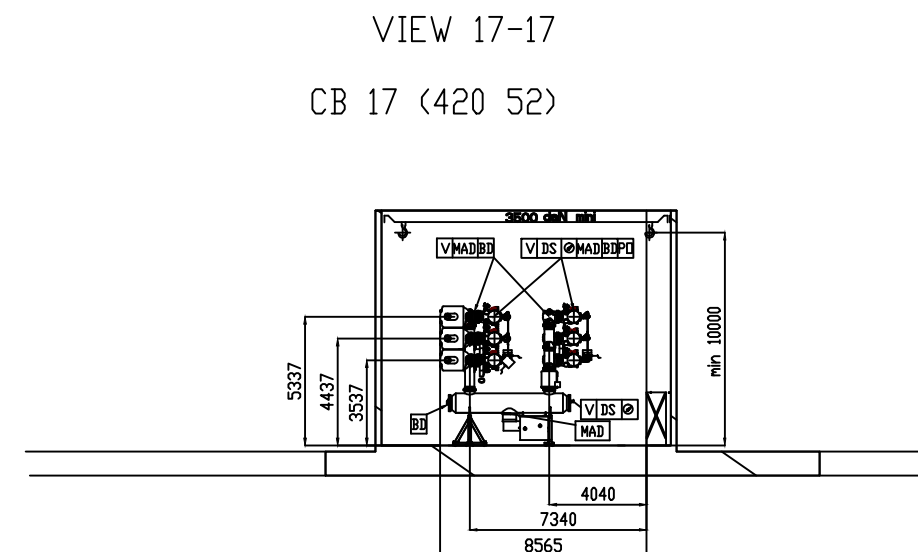
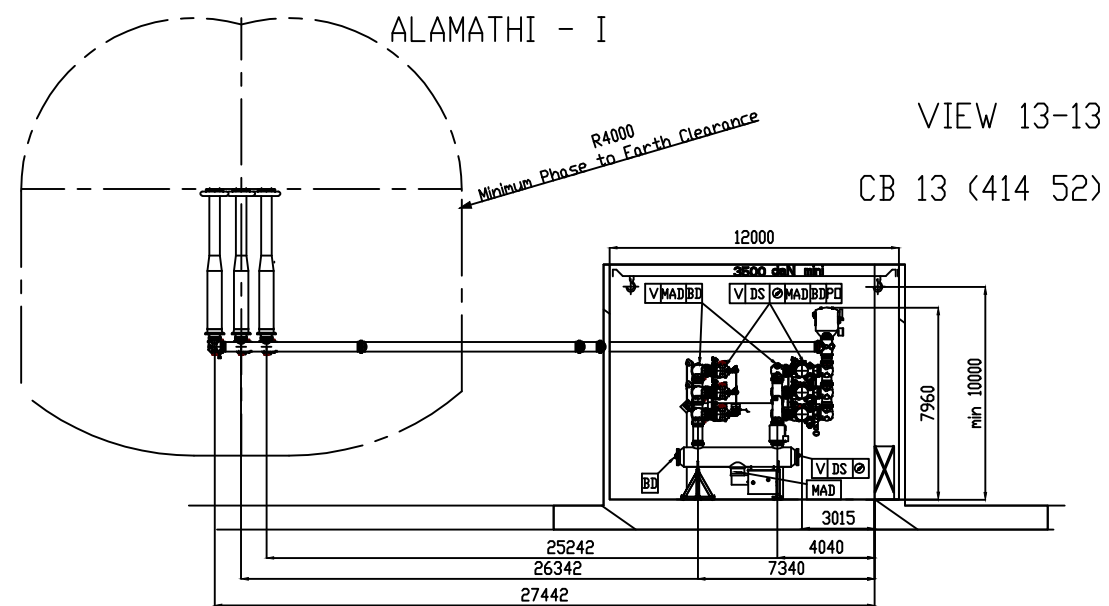
VIEW 10-10

CB 10 (411 52)



Note  
All Dimensions are in mm

TITLE EQUIPEMENT LAYOUT- 400kV GIS	DRAWING NO.	REV
	NC-T-400-004	01
	AREVA REFERENCE: E0003TH012	
	SHT. No 5/7	



Note  
All Dimensions are in mm

