


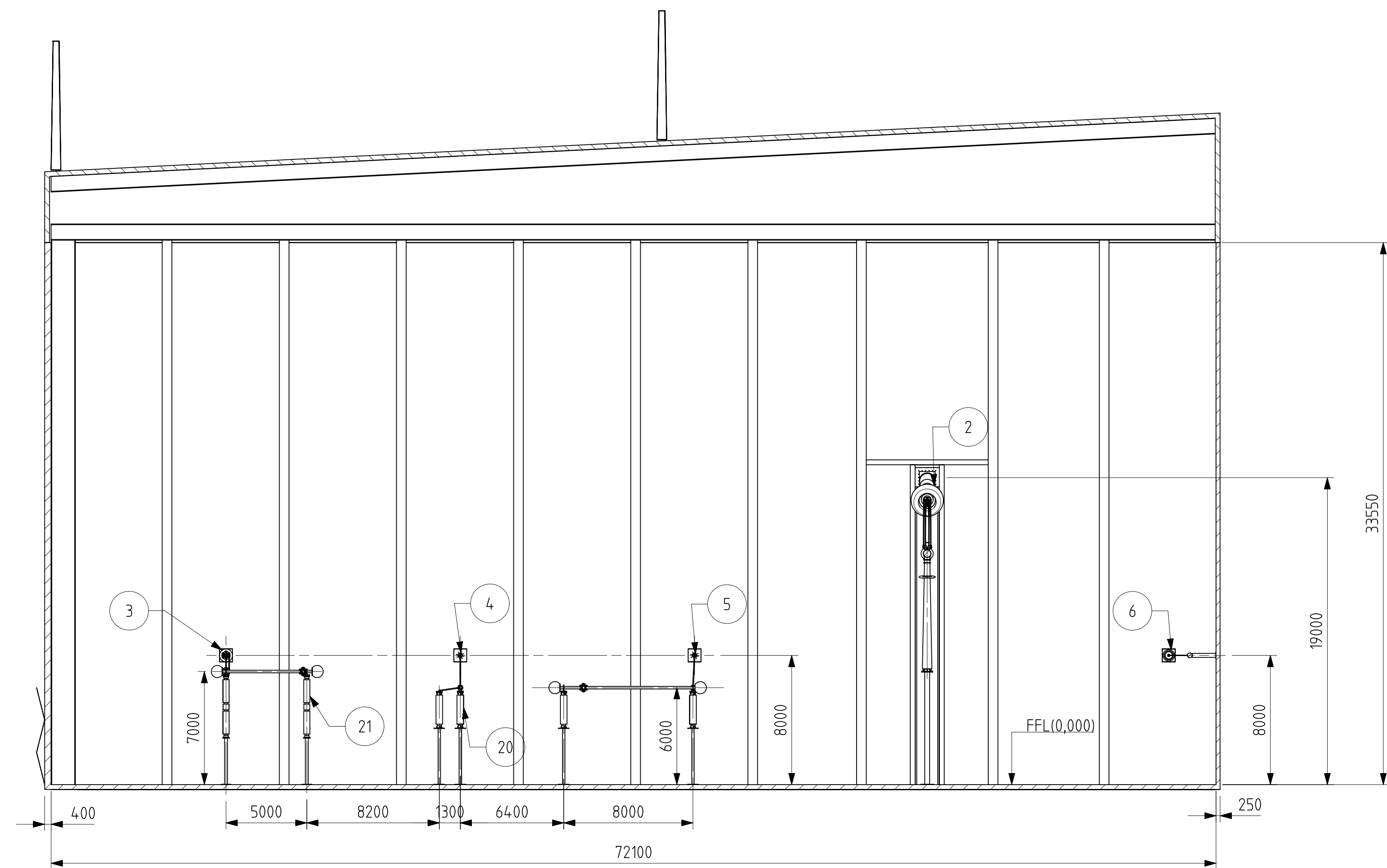


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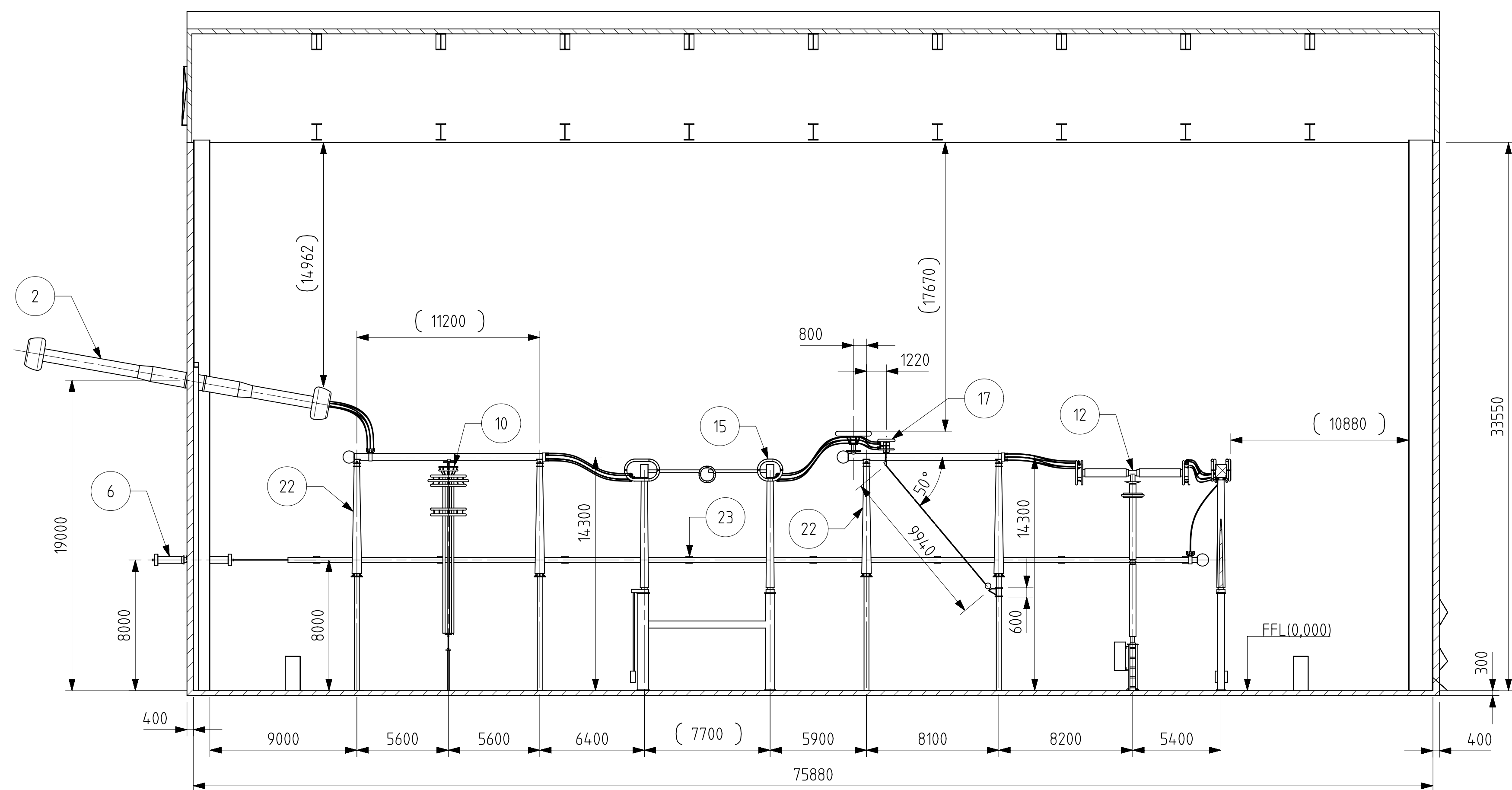
0 5 10 m

PRELIMINARY DRAWING

Contract No: C-61901R-S056-8/CA-I/3659			
Client:		POWER GRID CORPORATION OF INDIA LIMITED (A Government of India Enterprise)	
		 पावरग्रिड	
Based on: -		Project name:	
Prepared M. Mariappan		± 800KV, 6000 MW HVDC MULTI TERMINAL	
Approved: -		NER/JER-NR/JR INTERCONNECTOR-I	
Title		Status	Item designation
DC Hall Pole 1, Layout and sections		Issued	
Agra Station		Resp despt PSDC/TPM	Rev ind 00
		Document number	Language -
 ABB AB - HVDC		1JNL100401-304	
		 Sheet/lot 1 / 6	



SECTION B-B



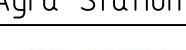


SECTION D-D

00		SK, Loganathan	2012-07-31
Rev	Revision	Approved	Date

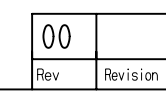
*FFL - Finished floor Level

PRELIMINARY DRAWING

Contract No: C-61901R-S056-8/CA-I/3659			
Client:		POWER GRID CORPORATION OF INDIA LIMITED (A Government of India Enterprise)	
			
Based on: -		Project name	
Prepared M, Mariappan Approved -		2 800KV, 6000 MW HVDC MULTI TERMINAL NERJER-NRIWR INTERCONNECTOR-I	
Title DC Hall Pole 1, Layout and sections Agra Station		Status Issued	Item designation -
		Resp. dept PSDC/TPM	Rev. ind. 00 -
 ABB AB - HVDC		1JNL100401-304	
		Sheet/lot 2 / 6	

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SK, Loganathan
Approved

	2012-07-31
	Date



ABB AB - HVDC

1JNL100401-304

Sheet of 3 / 6

*FFL - Finished floor Level

PRELIMINARY DRAWING

Contract No: C-61901R-S056-8/CA-1/3659

Client:	
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Based on	-
Prepared	M, Mariappa

Approved	-
Title	BC II II B I 1 1

DC Hall Pole 1, 1
Agra Station

APP

ABB

POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)

2012-07-31	Project name	पावरग्रिड
-	± 800KV, 6000 MW HVDC MULTI TERMINAL NER/ER-NR/WR INTERCONNECTOR-1	

Layout and sections	Status Issued	Item designation -
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Resp dept	PSDC/TPM	Rev ind	00	Language	-
Document number					

ABB AB - HVDC 1JNL100401-304

ADD AB = IVDC 1312100101 201 Sheet of 3



पावरग्रिड

TERMINAL

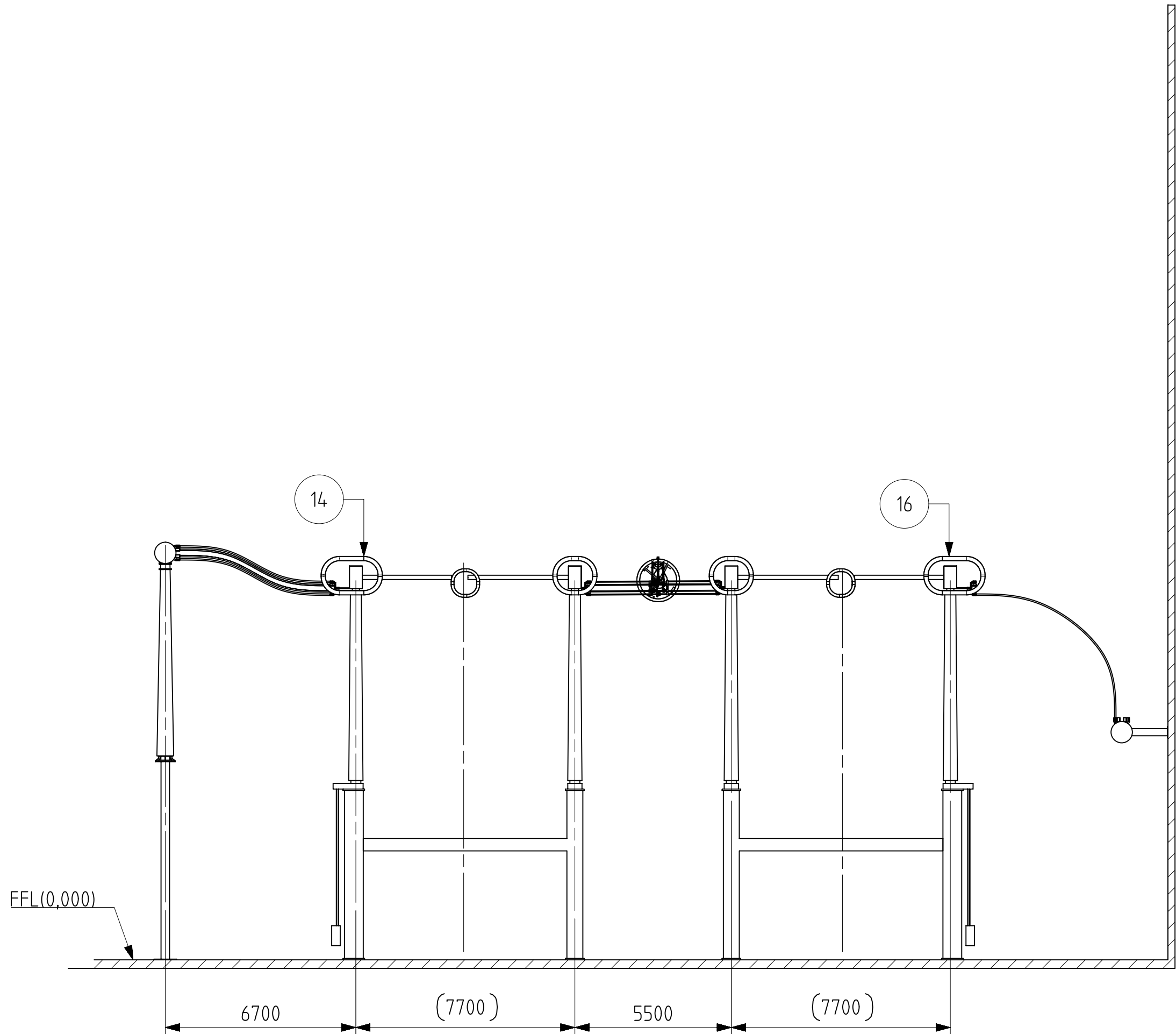
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Language —

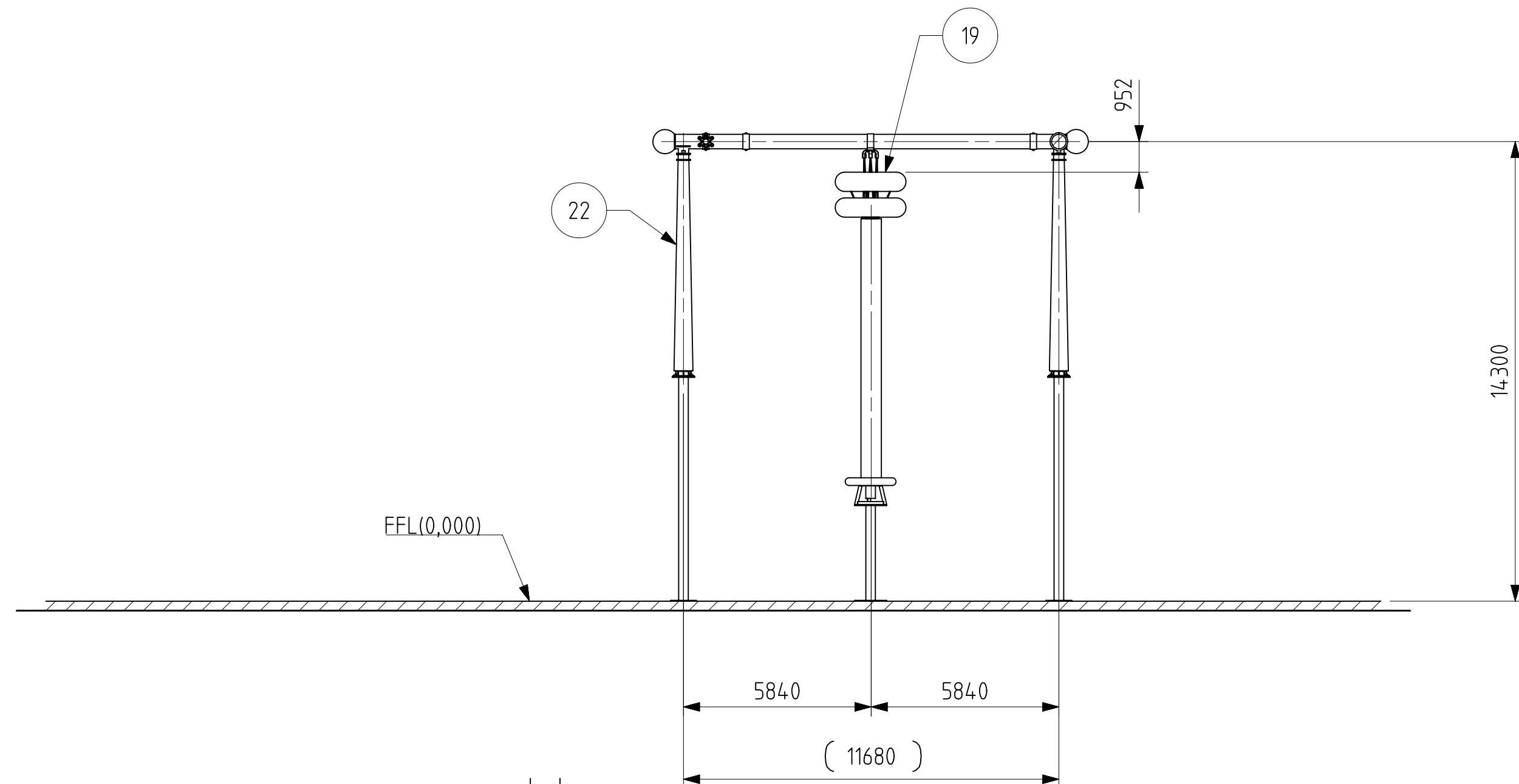
Sheet of 3

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SECTION H-H



SECTION J-J

0 5 10 m

*FFL - Finished floor Level

PRELIMINARY DRAWING

Contract No:		Client:	
		POWER GRID CORPORATION OF INDIA LIMITED (A government of India Enterprise)	
Based on: -		Project name:	
Prepared: M. Mariappan		± 800KV, 6000 MW HVDC MULTI TERMINAL NER/ER-NR/WR INTERCONNECTOR-1	
Approved: -		Status:	
DC Hall Pole 1, Layout and sections		Issued	
Agra Station		Resp dept: PSGDC/TPM	
Document number:		Rev ind: 00	
1JNL100401-304		Language: -	
ABB		ABB AB - HVDC	
SK, Loganathan		2012-07-31	
Approved		Date	
Rev		Revision	
00			
Sheet for		4 / 6	


Qty	Item no	Item Designation	Name of Item
2	1	=P1.WP.L(1,2)	Smoothing reactor(Pole)
1	2	=WB1.X1	Pole Bus Wall bushing (indoor-outdoor)
1	3	=P1.Z1.Z1.X1	HP2/6 DC filter Wall bushing (indoor-outdoor)
1	4	=P1.Z1.Z2.X1	HP12/24 DC filter Wall bushing (indoor-outdoor)
1	5	=P1.Z1.Z3.X1	ST/RI DC filter Wall bushing (indoor-outdoor)
1	6	=P1.WN.X1	Wall Bushing, neutral
1	7	=P1.(Z1,Z2,Z3).C1	HP2/6, HP12/24 ST/RI DC filter capacitor (indoor)
1	8	=P1.WP.C1	DC PLC/RI capacitor
1	9	=P1.WP.F2	DC pole arrester
1	10	=WB1.F3	DC line arrester
2	11	=P1.WP.F(1,4)	Smoothing reactor arrester (DR)
1	12	=WB1.Q1	DC pole high speed switch
1	13	=P1.Z1.Q11	DC filter disconnecter with 1 earth switch, pole side
1	14	=P1.WP.Q11	Disconnector with 1 earth switch, pole side

Contract No: C-61901R-S056-8/CA-I/3659

Client:

POWER GRID CORPORATION OF INDIA LIMITED
(A government of India Enterprise)



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Rev	Revision	Approved	
Based on	-	Title DC Hall Pole 1, Layout and sections Agra Station	Status Issued
Prepared	M, Mariappan 2012-07-31		Item designation -
Approved	-		Resp dept PSDC/TPM
Project name ± 800KV, 6000MW HVDC MULTI TERMINAL NER/ER-NR/WP INTERCONNECTOR-1		Document number 1JNL100401-304	
 ABB AB - HVDC		Language -	
		Sheet/of 5 / 6	

Qty	Item no	Item Designation	Name of Item
1	15	=WB1.Q12	DC pole disconnecter
1	16	=WB1.Q13	DC disconnecter, pole
1	17	=WB1.T3	Optical current transducer (COCT), pole bus
1	18	=P1.WP.T1	Trigger unit LFL Junction box
1	19	=P1.WP.T2	Pole bus voltage divider
6	20		Bus support Insulator, neutral
3	21		Bus support Insulator, neutral
7	22		Bus post Insulator, Pole
8	23		Wall mounted insulator

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		Sheet/of 6 / 6	



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