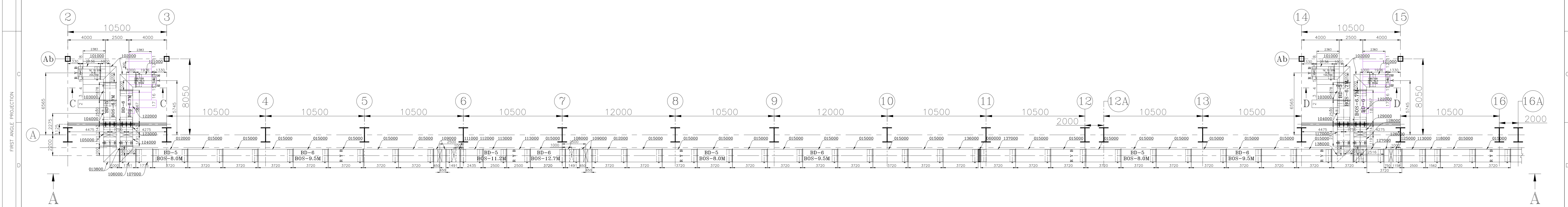
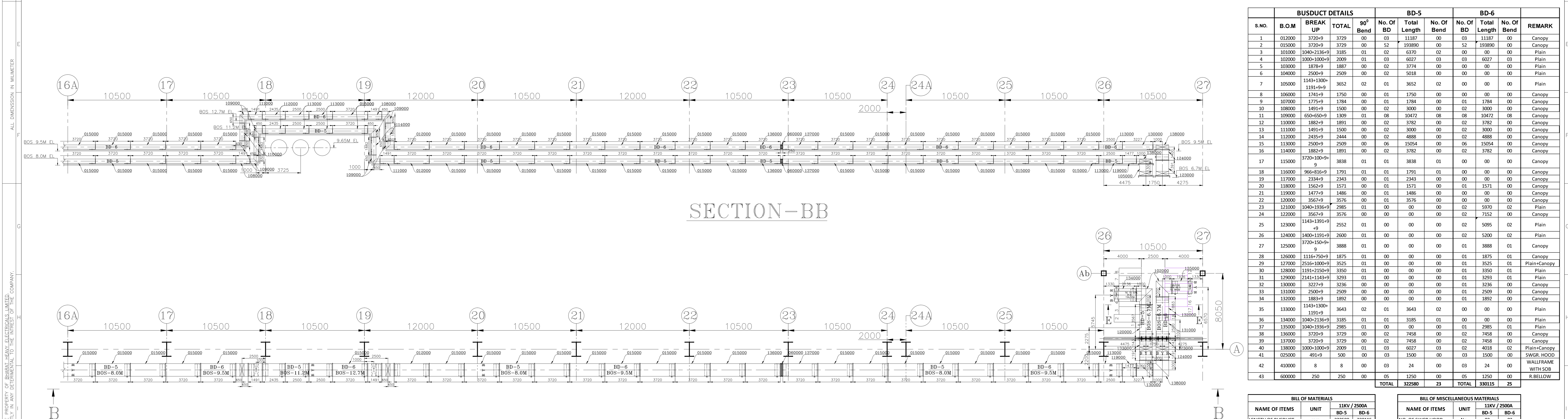


SECTION-AA



SECTION-BB



SECTION-CC

SECTION-DD

SECTION-EE

S.NO.	B.O.M	BUSDUCT DETAILS		BD-5		BD-6		REMARK
		BREAK UP	90° Bend	No. Of BD	No. Of Bend	No. Of BD	No. Of Bend	
1	012000	3720+9	3729	00	03	11187	00	Canopy
2	015000	3720+9	3729	00	52	193890	00	Canopy
3	101000	1040+2136+9	3185	01	02	6370	02	00
4	102000	1000+1000+9	2009	01	03	6027	03	00
5	103000	1878+9	1887	00	02	3774	00	Plain
6	104000	2500+9	2509	00	02	5018	00	Plain
7	105000	1143+1300+1191+9	3652	02	01	3652	02	00
8	106000	1750+9	1759	00	01	1750	00	Canopy
9	107000	1775+9	1784	00	01	1784	00	Canopy
10	108000	1491+9	1500	00	02	3000	00	Canopy
11	109000	650+650+9	1309	01	08	10472	08	Canopy
12	110000	1882+9	1891	00	02	3782	00	Canopy
13	111000	1481+9	1490	00	02	3000	00	Canopy
14	112000	2435+9	2444	00	02	4888	00	Canopy
15	113000	2500+9	2509	00	06	15054	00	Canopy
16	114000	1882+9	1891	00	02	3782	00	Canopy
17	115000	3720+100+9	3838	01	01	3838	01	00
18	116000	966+816+9	1791	01	01	1791	01	00
19	117000	2334+9	2343	00	01	2343	00	Canopy
20	118000	1562+9	1571	00	01	1571	00	Canopy
21	119000	1477+9	1486	00	01	1486	00	Canopy
22	120000	3567+9	3576	00	01	3576	00	Canopy
23	121000	1040+1998+9	2985	01	00	00	02	5970
24	122000	3567+9	3576	00	00	00	02	7152
25	123000	1143+1391+9	2552	01	00	00	02	5095
26	124000	1400+1191+9	2600	01	00	00	02	5300
27	125000	3720+150+9	3888	01	00	00	01	3888
28	126000	1116+750+9	1875	01	00	00	01	1875
29	127000	2516+1000+9	3525	01	00	00	01	3525
30	128000	1191+2150+9	3350	01	00	00	01	3350
31	129000	2141+1143+9	3293	01	00	00	01	3293
32	130000	3227+9	3236	00	00	00	01	3236
33	131000	2500+9	2509	00	00	00	01	2509
34	132000	1883+9	1892	00	00	00	01	1892
35	133000	1143+1300+1191+9	3643	02	01	3643	02	00
36	134000	1040+2136+9	3185	01	01	3185	01	00
37	135000	1040+1998+9	2985	01	00	00	01	2985
38	136000	3720+9	3729	00	02	7458	00	Canopy
39	137000	3720+9	3729	00	02	7458	00	Canopy
40	138000	1000+1000+9	2009	01	03	6027	03	02
41	025000	491+9	500	00	03	1500	00	SWGR HOOD WALLFRAME
42	410000	8	8	00	03	24	00	03
43	600000	250	250	00	05	1250	00	05
		TOTAL	322880		23	330115	25	

BILL OF MATERIALS			BILL OF MISCELLANEOUS MATERIALS		
NAME OF ITEMS	UNIT	11KV / 2500A	NAME OF ITEMS	UNIT	11KV / 2500A
LENGTH OF BUSDUCT	mm	322880 330115	NO. OF SWGR HOOD	No.	03 03
NO. OF BUSDUCT			NO. OF TRF HOOD	No.	NIL NIL
90° BEND	No.	23 25	NO. OF RUBBER BELLOW	No.	05 05
SWGR TERMINATION	No.	3 3	BREATHER ASSY	Set	03 03
TRANSF. TERMINATION	No.	NIL NIL	SPURCE PLATE ASSY	Set	291 294
PHASE X-OVER	No.	NIL NIL	RAIN HOOD	No.	88 90
TEE CONNECTIONS	No.	NIL NIL	SEAL OF BUSHING	No.	06 06
WALL FRAME ASSY.	No.	3 3			

13790 + 3145 + 6565 + 1300 + 2200 + 36225 + 3200 + 12500 + 3200 + 105000 + 1075 + 1825 + 8765 + 3145 + 1700 + 20000 + 3200 + 12500 + 3200 + 81975 + 2200 + 1300 + 5745 + 3145 + 1790 + 322580 mm
 BD-5
 1790 + 2945 + 5745 + 2800 + 2200 + 33275 + 3200 + 15500 + 3200 + 99000 + 1275 + 3275 + 2200 + 4300 + 5745 + 2945 + 1790 + 18500 + 3200 + 15500 + 3200 + 82225 + 2200 + 2800 + 6570 + 2945 + 1790 + 330115 mm

FOR APPROVAL

CUSTOMER: N.P.G.C. PROJECT: 3x660 MW NABINAGAR			
BHARAT HEAVY ELECTRICALS LIMITED, RUDRAPUR			
DEPTT. BDE UNTOLO.DIM.GR. C/M/F SCALE N.T.S. WEIGHT-KG - NTPC DRG. NO. 0370-207-PVE-E-104 R.NO. - NO. OF REV. - SHEET NO. - 01 NO. OF SHEETS - 01 SIZE - A0	NAME: HIMANSHU SIGN: [Signature] DATE: 29.07.15 NO. OF REV. - SHEET NO. - 01 NO. OF SHEETS - 01 SIZE - A0	TITLE: ERECTION KEY DIAGRAM OF INTERCONNECTING SEGREGATED PHASE BUSDUCT (UNIT-1,2 & 3)	
REV. DATE ALTERED CHECKED	REV. DATE ALTERED CHECKED	REV. DATE ALTERED CHECKED	REV. DATE ALTERED CHECKED

COPYRIGHT & CONFIDENTIAL. THE INFORMATION ON THIS DOCUMENT IS THE PROPERTY OF BHARAT HEAVY ELECTRICALS LIMITED. IT MUST NOT BE USED DIRECTLY OR INDIRECTLY IN ANY DETRIMENTAL TO THE INTEREST OF THE COMPANY.