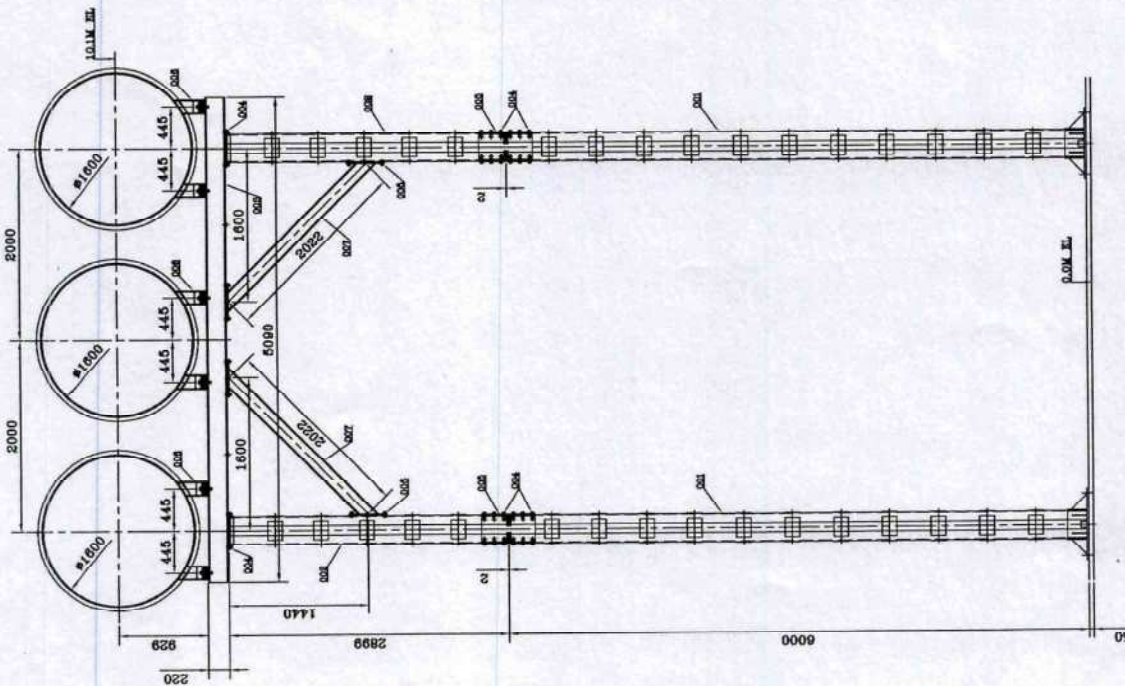


DRAWING NO.
3181417001

INVENTORY NO. _____ REF. DRG. NO. _____ SIGN & DATE _____
IT MUST NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO THE INTEREST OF THE COMPANY.
THE INFORMATION ON THIS DOCUMENT IS THE PROPERTY OF BHARAT HEAVY ELECTRICALS LIMITED

TYPE-A
FOR IPBD POCKET NO. -
1P1-1P2, 1P3-1P4, 1P5-1P6, 1P11-1P12,
2P1-2P2, 2P3-2P4, 2P5-2P6, 2P11-2P12,
3P1-3P2, 3P3-3P4, 3P5-3P6, 3P11-3P12,
4P1-4P2, 4P3-4P4, 4P5-4P6, 4P11-4P12,
5P1-5P2, 5P3-5P4, 5P5-5P6, 5P11-5P12

TOTAL NO. OF SET = 20 NOS.



WT. OF VAR.00 = 1822.36 Kg.

VAR	REMARKS	ITEM NO.	DESCRIPTION	DRAWING NO.	ITL NO.	VAR.	MATL CODE	WT.	QTY.
002	--	007	W.A. OF TIE BEAM	THIS DRG. SECTET OR OF OR	04		55.18	001	
003	--	006	SUPPORT LEG ARRGT.	31.001000226	01				
008	--	005	CONNECTING PLATE	THIS DRG. SECTET OR OF OR	013		9.396	001	
120	--	004	8.8 STEEL-ZPP (SET) SCRU HEX A M16X50 LG.				0.187	001	
001	--	003	W.A. OF CROSS BEAM	THIS DRG. SECTET OR OF OR	03		296.18	001	
002	--	002	W.A. OF COLUMN	THIS DRG. SECTET OR OF OR	02		196.51	001	
002	--	001	W.A. OF COLUMN	THIS DRG. SECTET OR OF OR	01		484.15	001	
00									

NAME OF PROJECT: **5x800 MW YADADRI TPS, NAIGONDA**
NAME OF CUSTOMER: **TELANGANA STATE POWER GENERATION CORPORATION LTD**
TELANGANA, INDIA



BHARAT HEAVY ELECTRICALS LTD.
RUDRAPUR

REV.	DATE	SIGN	NAME	DRN	NO. OF VAR
-	30/10/21		SUNNY		
-	30/10/21		SANJAY		
-	30/10/21		RUPESH		

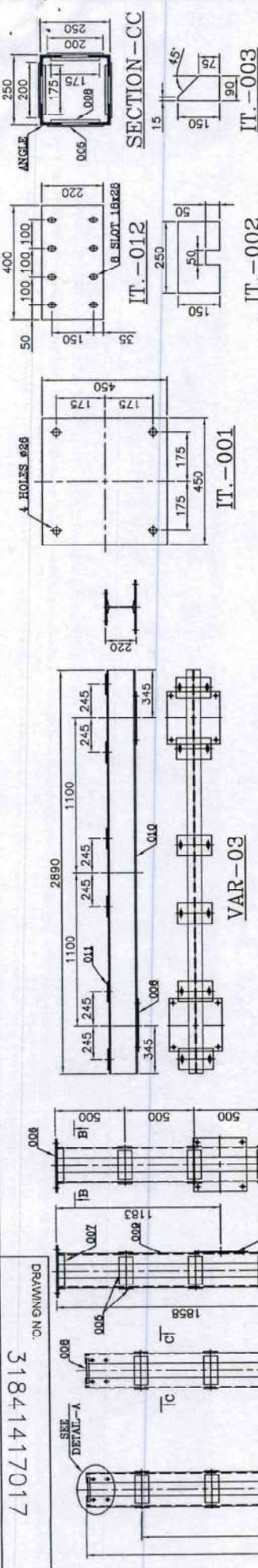
DEPT. CODE	UNTDIMS GR.	SCALE	WEIGHT(KG)	REF. TO ASSY. DRG.	ITEM NO.	NO. OF ITEM
BDE	m					

TITLE	DRAWING NO.	SHT. NO.	NC. OF SHT.	REV.
ASSY. OF STRUCTURE FOR TYPE-A ISOLATED PHASE BUSDUCT	3181417001	01	02	00

SIZE -A3

All Dimensions in mm

First Angle Projection



ITEM NO.	DESCRIPTION	DRAWING NO.	IT. NO.	MAT. CODE	WT.	QTY.
013	ISMB 150 x 75 x 5 x 8x 1910 LG.	S.C.O.		AA.101.08	28.650	001
012	8 TK x 220 x 400 LG. STRUCTURE STEEL PLATE	SEE DETAIL		AA.101.08	5.308	001
011	10 TK x 150 x 250 LG. STRUCTURE STEEL PLATE	SEE DETAIL		AA.101.08	2.813	001
010	ISMB 200 x 100 x 5.7 x 10x 2890 LG.	S.C.O.		AA.101.08	69.938	001
009	ISA 8TK. x 75 x 75 x 1848 LG.	S.C.O.		AA.101.08	16.447	001
008	10 TK x 15 x 175 LG. STRUCTURE STEEL PLATE	SEE DETAIL		AA.101.08	0.206	001
007	ISA 5TK. x 50 x 50 x 230 LG.	S.C.O.		AA.101.08	0.874	001
006	10 TK x 380 x 380 LG. STRUCTURE STEEL PLATE	SEE DETAIL		AA.101.08	11.199	001
005	6 TK x 100 x 200 LG. STRUCTURE STEEL PLATE	S.C.O.		AA.101.08	0.942	001
004	ISA 8TK. x 75 x 75 x 4980 LG.	S.C.O.		AA.101.08	44.322	001
003	10 TK x 90 x 150 LG. STRUCTURE STEEL PLATE	SEE DETAIL		AA.101.08	0.839	001
002	10 TK x 150 x 250 LG. STRUCTURE STEEL PLATE	SEE DETAIL		AA.101.08	2.748	001
001	20 TK x 450 x 450 LG. STRUCTURE STEEL PLATE	SEE DETAIL		AA.101.08	31.459	001
VAR 04	VAR 03	VAR 02	VAR 01	VAR 01	VAR 01	VAR 01
109.22	102.87	261.19				

NAME OF PROJECT: 2x660MW ENNORE SEZ COAL BASED STPP, CHENNAI
 NAME OF CUSTOMER: TAMILNADU GENERATION AND DISTRIBUTION CORPORATION LIMITED (TANGEDCO)

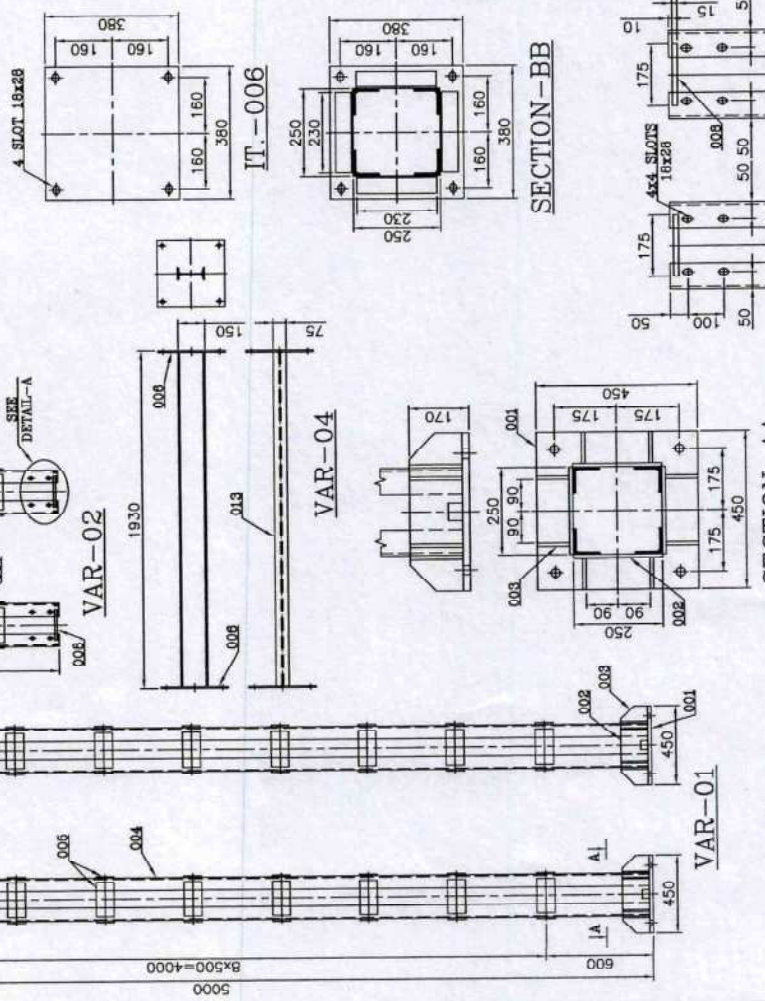
REV.	DATE	SIGN	NAME	NO. OF VAR
01	30/10/21	SA	SUNNY	-
02	30/10/21	SA	SANJAY	-
03	30/10/21	SA	RUPESH	-

DEPT. CODE: IT
 BDE CODE: 01
 UNTO L DMS GR. SCALE: 1:1
 WEIGHT (KG) REF TO ASSY. DRG. -

TITLE: W.A.S.S.Y. OF STRUCTURE FOR TYPE-P ISOLATED PHASE BUSDUCT

DRAWING NO.: 31841417017

SHT. NO. 02, NO. OF SHT. 02, SIZE-A3



REV.	DATE	ALTERED	CHECKED	APPD.

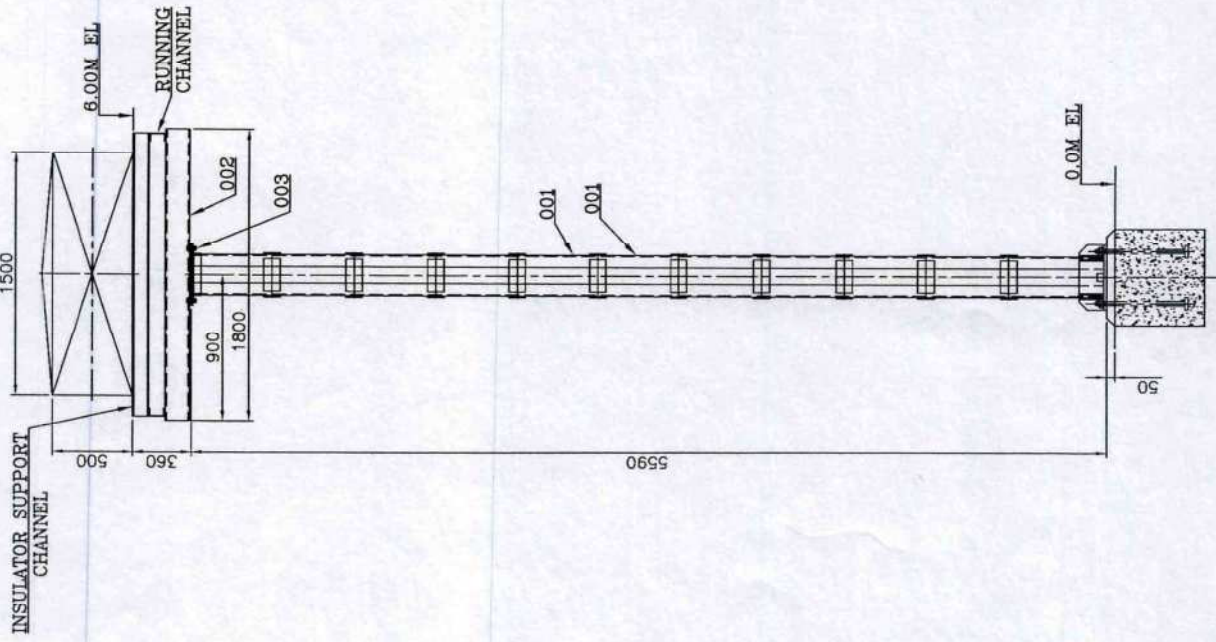
NOTE:-
 1. ALL STRUCTURE STEEL TO BE AS PER IS:2062 & HOT DIP GALVANIZED AS PER IS:2625/IS:2633.
 2. THE MAX. GAP (CL TO CL) BETWEEN BATTEN PLATES WILL BE 500 MM IN COLUMN ASSY.
 3. MARK BOM NO. ON EVERY VAR. NEAR EITHER END BY DEPOSITING METAL BY ARC WELDING PROCESS.

All Dimensions in 'mm'

100719156ZC

ON DRAWING

First Angle Projection



VAR.00

TYPE-1
FOR SPBD POCKET NO.-
P7, P8, P43, P44
P55, P56, P67, P68, P124, P125

TOTAL NO. OF SET:-
UNIT# 1 & 2 = 04 NOS.
UNIT# 3, 4 & 5 = 06 NOS.

WT. FOR VAR.00 = 324.65 KGS.

004	-	003	SCRU HEX A M16X55 LG. 8.8 STEEL-ZPP (SET)	3100100022B	04	0.187	
001	-	002	W.A. OF CROSS BEAM <td>THIS DRG. SHEET 02 OF 02</td> <td>02</td> <td>38.20</td>	THIS DRG. SHEET 02 OF 02	02	38.20	
001	-	001	W.A. OF COLUMN <td>THIS DRG. SHEET 02 OF 02</td> <td>01</td> <td>285.70</td>	THIS DRG. SHEET 02 OF 02	01	285.70	
VAR	REMARKS	ITEM NO.	DESCRIPTION	DRAWING NO.	IT.NO. VAR.	MATL.CODE	WT. QTY.
00							0 0

NAME OF PROJECT: 5x800 MW YADADRI TPS, NALGONDA
NAME OF CUSTOMER: TELANGANA STATE POWER GENERATION CORPORATION LTD
TELANGANA, INDIA

DRN	SUNNY	NAME	SIGN	DATE	NO. OF VAR
CKD	SANJAY			25/08/21	
APPD	RUPESH			25/08/21	



BHARAT HEAVY ELECTRICALS LTD.
RUDRAPUR

DEPT. BDE CODE	UNTOL DIMS GR.	SCALE	WEIGHT(KG) REF. TO ASSY. DRG.	ITEM NO.	NO. OF ITEM
	M	1:1	-		

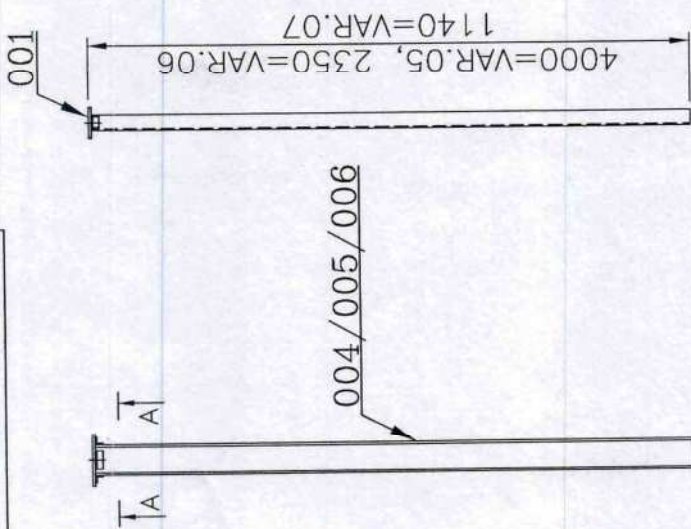
REV. DATE 01 07.10.21
ALTERED - SANJAY
CHECKED - RUPESH
APPD. - RUPESH
UNIT# 3, 4 & 5 QTY. ADDED.

ASSY. OF STRUCTURE FOR TYPE-1
SEGREGATED PHASE BUSDUCT

DRAWING NO. 32951617001
SHT. NO. 01 NO. OF SHT. 02

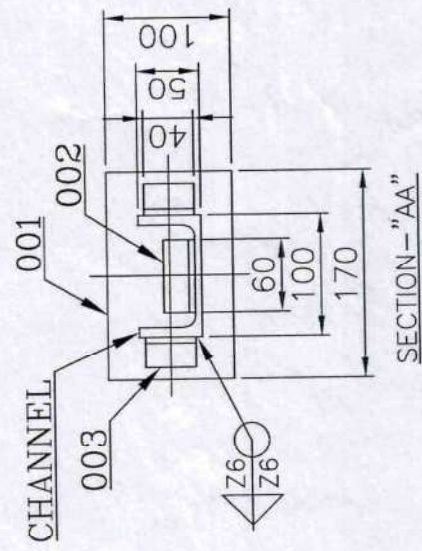
SIZE -A3

DRAWING NO
32951617014



004/005/006

VAR-04, 05, 06



SECTION - "AA"

NOTE:-

1. ALL STRUCTURE STEEL TO BE AS PER IS:2062 & HOT DIP GALVANIZED AS PER IS:2629/IS:2633.
2. WELDING SHALL BE PERFORMED IN ACCORDANCE WITH RELEVANT STANDARDS.
3. MUST MEET THE SHOWING DIMENSIONS.
4. EVERY WELDED ASSY./ITEM NO. SHALL BE IDENTIFIED NEAR EITHER END BY INDELIBLE INK/PAINT/DEPOSITING METAL BY ARC WELDING PROCESS.

06	05	04	←VAR. NO.	REMARKS	ITEM NO.	DESCRIPTION	DRAWING NO.	IT. NO.	MAT. CODE	WT.
06	05	04	←WEIGHT IN KG.					VAR.	MAT. SPCN.	QTY.
001	23.96	39.73			006	ISMC 100 x50 x5 x7.7x 1130 LG.	S.C.O.		AA 101 08	10.803
					005	ISMC 100 x50 x5 x7.7x 2340 LG.	S.C.O.		AA 101 08	22.370
					004	ISMC 100 x50 x5 x7.7x 3990 LG.	S.C.O.		AA 101 08	38.144
002	002	002			003	ISA 5TK. x 25 x 25 x 40 LG.	S.C.O.		AA 101 08	0.072
001	001	001			002	ISA 5TK. x 25 x 25 x 60 LG.	S.C.O.		AA 101 08	0.108
001	001	001			001	10 TK x 100 x 170 LG. STRUCTURE STEEL PLATE	S.C.O.		AA 101 08	1.335
06	05	04								

NAME OF PROJECT: 5x800 MW YADADRI TPS, NALGONDA
 NAME OF CUSTOMER: TELANGANA STATE POWER GENERATION CORPORATION LTD
 TELANGANA, INDIA



BHARAT HEAVY ELECTRICALS LTD.
 RUDRAPUR

DEPT. BDE CODE
 UNTO.DIMS.GR. m

SCALE

WEIGHT(KG) REF. TO ASSY. DRG.
 DRN SUNNY
 CKD SANJAY
 APPD RUPESH

NO. OF VAR
 DATE 06/10/21
 06/10/21
 06/10/21

TITLE
 W.ASSY. OF STRUCTURE FOR TYPE-14
 SEGREGATED PHASE BUSDUCCI

DRAWING NO.
 32951617014

REV. 00
 SHT. NO. 02
 NO. OF SHT. 02