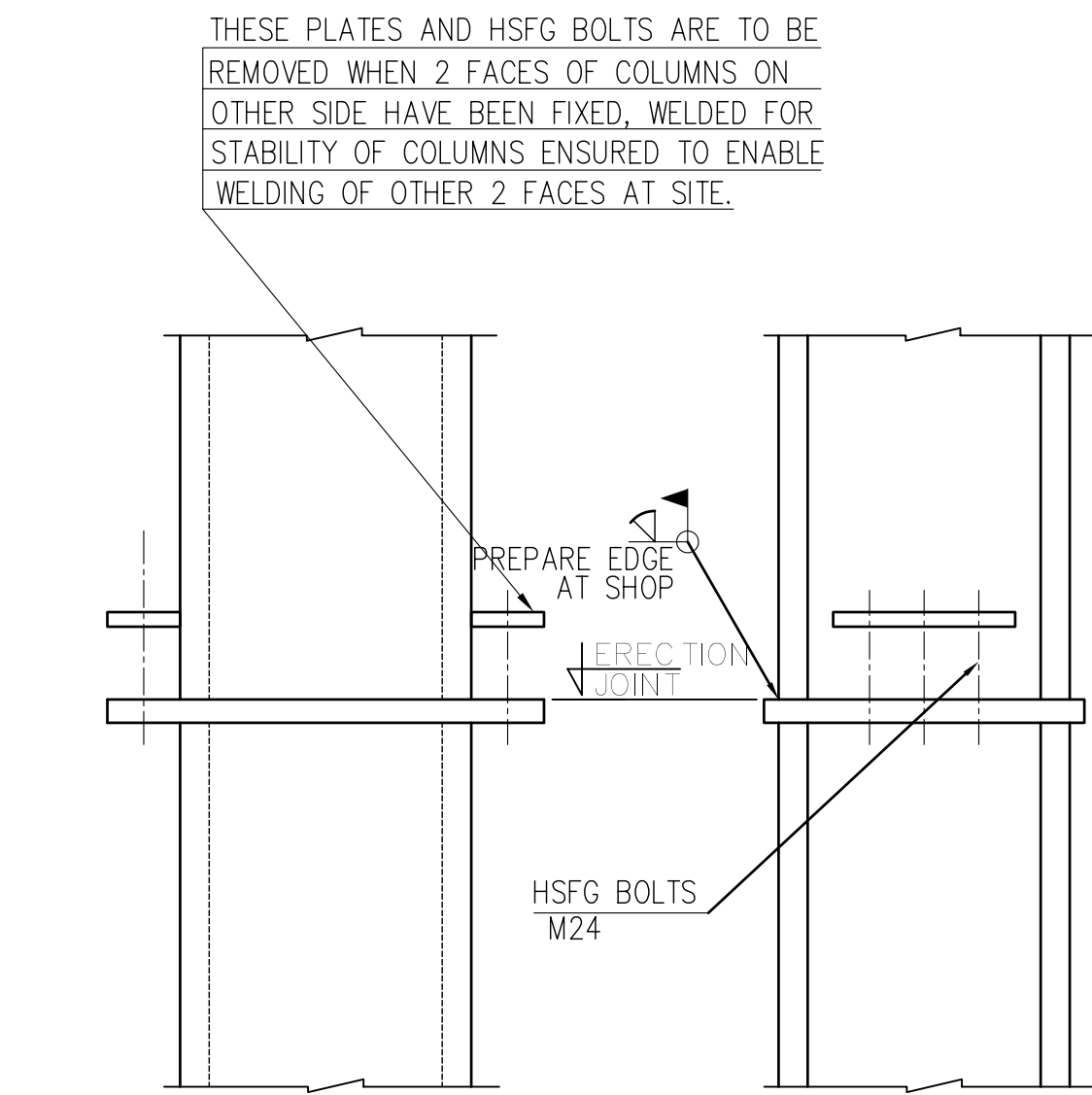
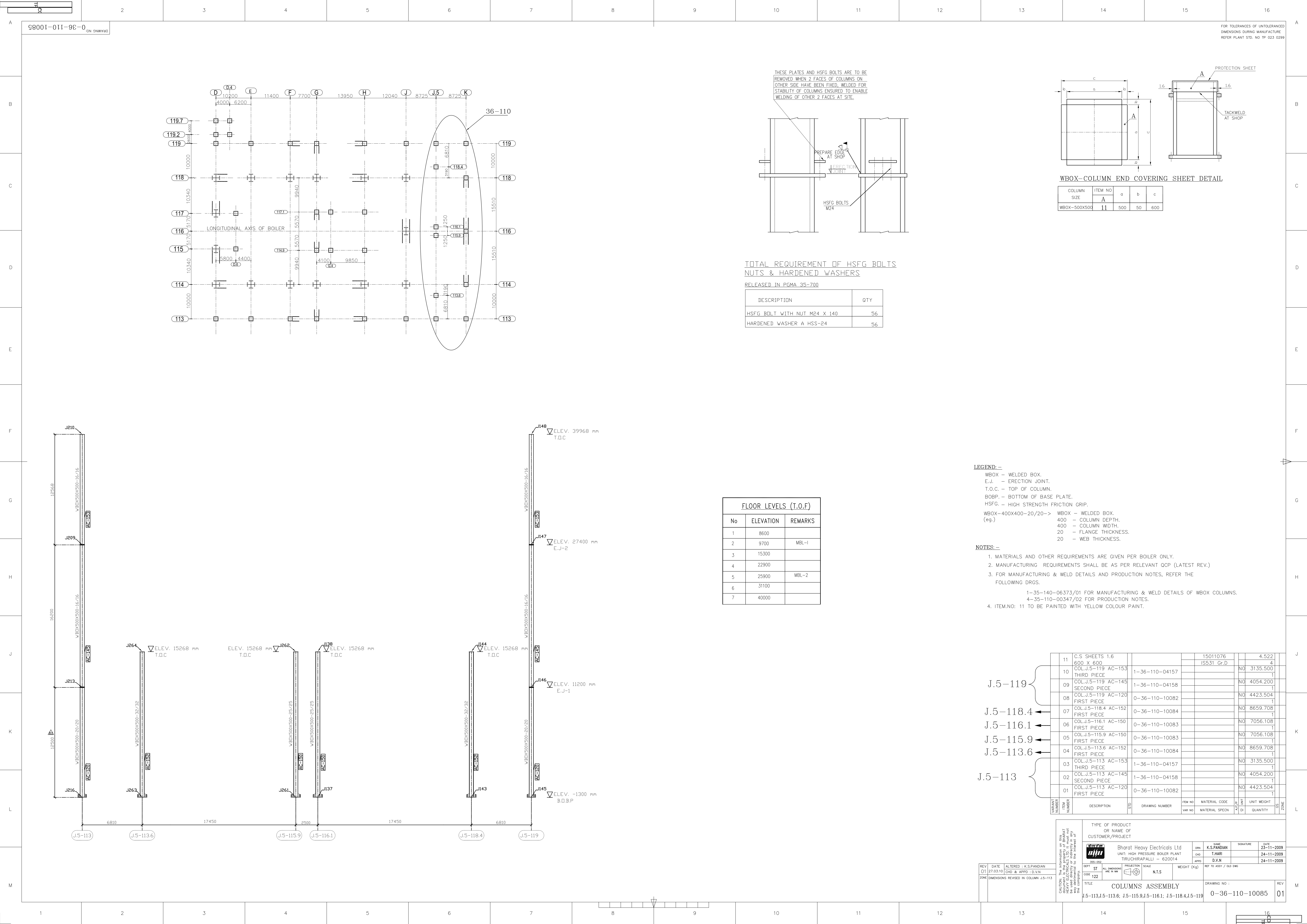
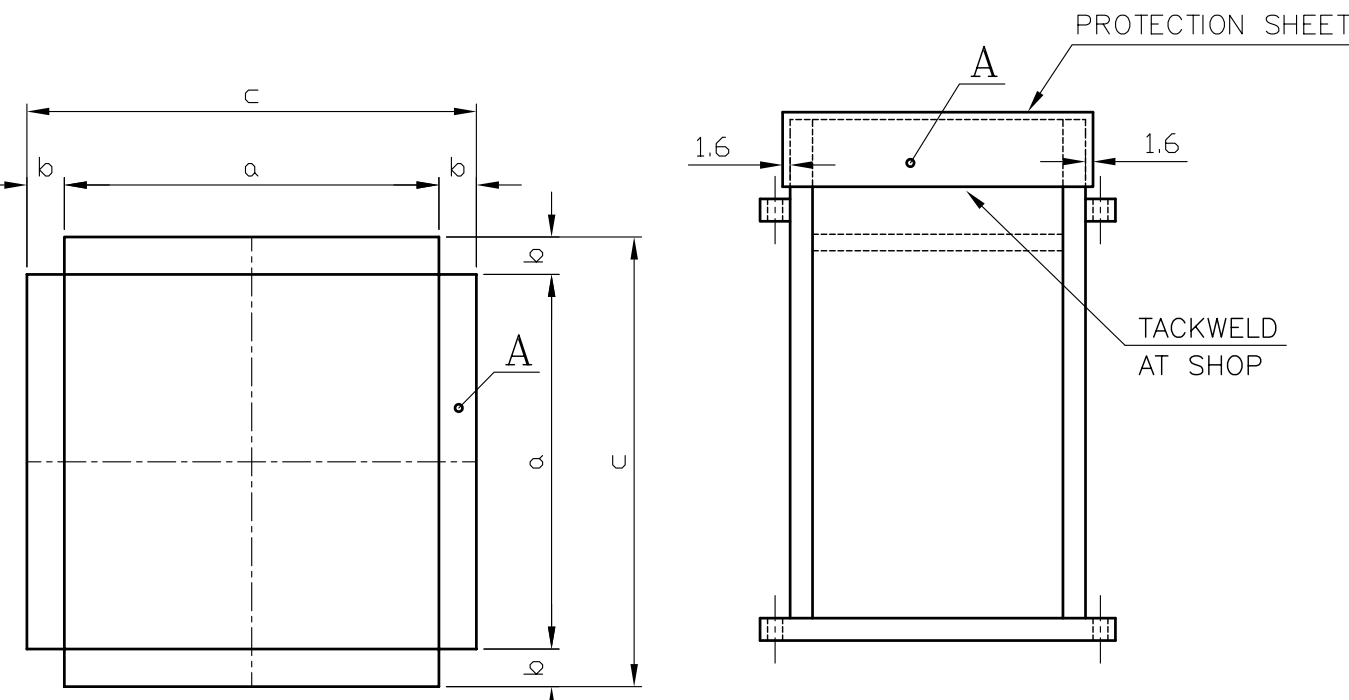




TOTAL REQUIREMENT OF HSG BOLTS NUTS & HARDENED WASHERS

RELEASED IN PGMA 35-700	
DESCRIPTION	QTY
HSG BOLT WITH NUT M24 X 140	56
HARDENED WASHER A HSS-24	56



WBOX-COLUMN END COVERING SHEET DETAIL

COLUMN SIZE	ITEM NO	a	b	c
WBOX-500X500	11	500	50	600

LEGEND:-

- WBOX - WELDED BOX.
E.J. - ERECTION JOINT.
T.O.C. - TOP OF COLUMN.
BOBP. - BOTTOM OF BASE PLATE.
HSG. - HIGH STRENGTH FRICTION GRIP.
- WBOX-400X400-20/20-> WBOX - WELDED BOX.
(eg.) 400 - COLUMN DEPTH.
400 - COLUMN WIDTH.
20 - FLANGE THICKNESS.
20 - WEB THICKNESS.

NOTES:-

- MATERIALS AND OTHER REQUIREMENTS ARE GIVEN PER BOILER ONLY.
- MANUFACTURING REQUIREMENTS SHALL BE AS PER RELEVANT QCP (LATEST REV.)
- FOR MANUFACTURING & WELD DETAILS AND PRODUCTION NOTES, REFER THE FOLLOWING DRGS.
1-35-140-06373/01 FOR MANUFACTURING & WELD DETAILS OF WBOX COLUMNS.
4-35-110-00347/02 FOR PRODUCTION NOTES.
- ITEM.NO: 11 TO BE PAINTED WITH YELLOW COLOUR PAINT.

FLOOR LEVELS (T.O.F)		
No	ELEVATION	REMARKS
1	8600	
2	9700	MBL-1
3	15300	
4	22900	
5	25900	MBL-2
6	31100	
7	40000	

J.5-119	11	C.S SHEETS 1.6 600 X 600			15011076		4.522
	10	COL.J.5-119 AC-153 THIRD PIECE	1-36-110-04157		ISS31 Gr.D		4
	09	COL.J.5-119 AC-145 SECOND PIECE	1-36-110-04158			NO	3135.500
	08	COL.J.5-119 AC-120 FIRST PIECE	0-36-110-10082			NO	4054.200
	07	COL.J.5-118.4 AC-152 FIRST PIECE	0-36-110-10084			NO	4423.504
	06	COL.J.5-116.1 AC-150 FIRST PIECE	0-36-110-10083			NO	8659.708
	05	COL.J.5-115.9 AC-150 FIRST PIECE	0-36-110-10083			NO	7056.108
	04	COL.J.5-113.6 AC-152 FIRST PIECE	0-36-110-10084			NO	7056.108
	03	COL.J.5-113 AC-153 THIRD PIECE	1-36-110-04157			NO	8659.708
	02	COL.J.5-113 AC-145 SECOND PIECE	1-36-110-04158			NO	7056.108
J.5-113	01	COL.J.5-113 AC-120 FIRST PIECE	0-36-110-10082			NO	4054.200
						NO	4423.504
ITEM NUMBER	ITEM	DESCRIPTION	STD	DRAWING NUMBER	ITEM NO	MATERIAL CODE	UNIT WEIGHT
					VAR NO	MATERIAL SPECN	DI QUANTITY

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REV: 01 DATE: 27.03.10 ALTERED BY: K.S.PANDIAN CHKD & APPD: D.V.N. ZONE DIMENSIONS REVISED IN COLUMN J.5-113

TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT

Bharat Heavy Electricals Ltd
UNIT: HIGH PRESSURE BOILER PLANT
TRUCHIRAPALLI - 620014

DEPT: ST ALL DIMENSIONS ARE IN MM

CODE: 122

TITLE: COLUMNS ASSEMBLY

PRODUCTION SCALE: N.T.S

WEIGHT (Kg):

DRAWING NO: 0-36-110-10085

REV: 01

NAME: K.S.PANDIAN

DATE: 23-11-2009

CHD: T.HARI

DATE: 24-11-2009

APPD: D.V.N

DATE: 24-11-2009