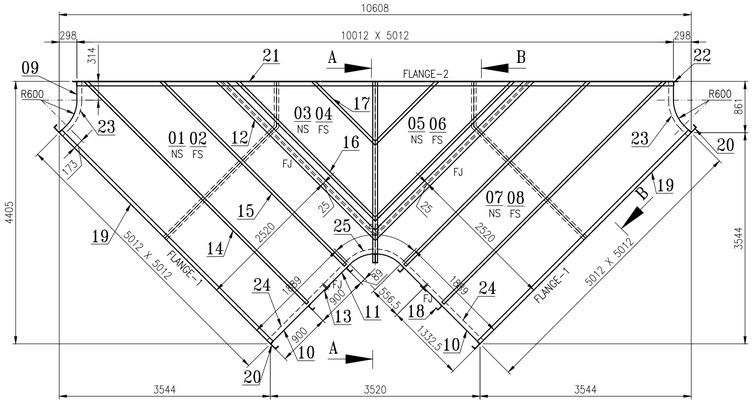
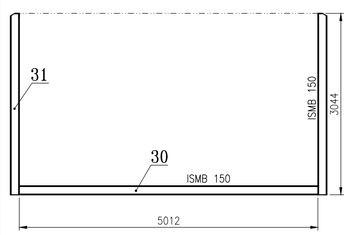
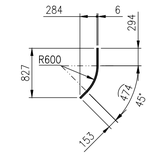
DRAWING NO: 1-48-482-43054

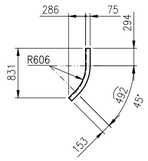




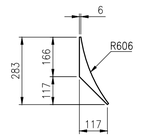
SECTION - AA



ITEM NO. 09



ITEM NO. 23



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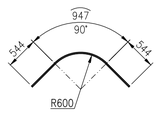
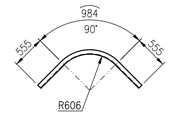
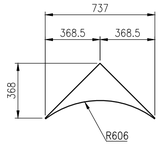


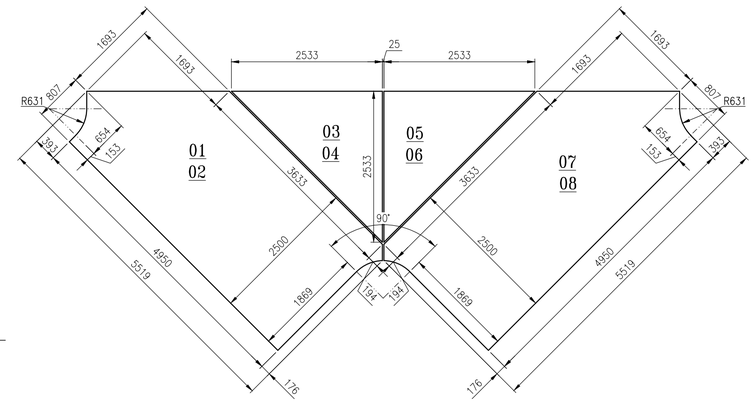
ITEM NO. 11



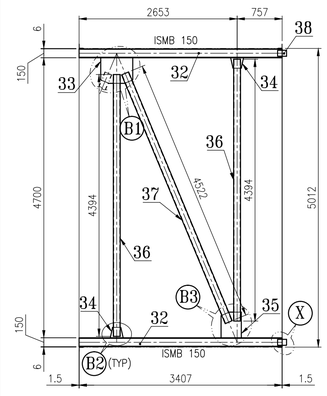
ITEM NO. 25



ITEM NO. 29

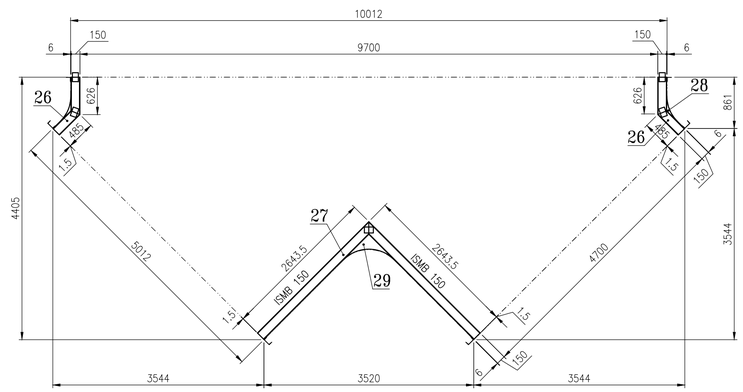


ITEM NOS. 01 TO 08

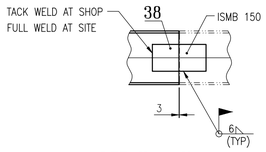


(NO. OF QTY: 02)

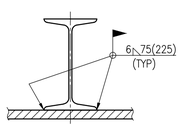
SECTION - BB



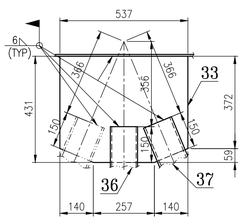
INSIDE TRUSS FOR DUCT DETAIL



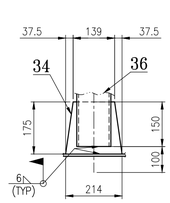
DETAIL - X



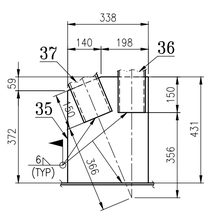
TYP. STIFF BEAM WELDING DETAIL



DETAIL - B1



DETAIL - B2



DETAIL - B3

DESPATCH TABLE

S.NO.	DESCRIPTION	DU. NO.	NO. OFF	ITEM NOS. NO. OFF				
01	Y DUCT WALL	367	1	01	12	14	15	19
				1	1	1	1	1
02	Y DUCT WALL	368	1	02	12	14	15	19
				1	1	1	1	1
03	Y DUCT WALL	369	1	03	16	17		
				1	1	1		
04	Y DUCT WALL	370	1	04	16	17		
				1	1	1		
05	Y DUCT WALL	371	1	05	16	17		
				1	1	1		
06	Y DUCT WALL	372	1	06	16	17		
				1	1	1		
07	Y DUCT WALL	373	1	07	12	14	15	19
				1	1	1	1	1
08	Y DUCT WALL	374	1	08	12	14	15	19
				1	1	1	1	1
09	Y DUCT WALL	375	2	09	20	22	23	
				1	1	1	2	
10	Y DUCT WALL	376	2	10	13	18	20	24
				1	1	1	1	2
11	Y DUCT WALL	377	1	11	18	25		
				1	2	2		
12	COLLECTOR FLANGE	378	2	21				
				1				

ITEM NO. 26 TO 38 IS TO BE SENT AS LOOSE DUE 379 TO 391

FOR TOLERANCES OF UNTOLERANCED DIMENSIONS DURING MANUFACTURE REFER PLANT STD. NO TP 023 0299

NOTE:

01. FOR GENERAL NOTES REFER PAGE NO. 41 (REF. 41) OF DUCT CONSTRUCTION MANUAL.
REF. 121 FOR CONSTRUCTION DETAIL.

FLANGE DETAILS

FLANGE NO.	REF	D	X	A	B	W	S	E	F	N
FLANGE-1	REF 109	5012	529	2	1828	5012	529	2	1828	28
FLANGE-2	REF 110	5012	529	2	1828	10012	2574	5	4570	38

VARIANT NUMBER	ITEM NUMBER	DESCRIPTION	STD	DRAWING NUMBER	ITEM NO / VAR NO	MATERIAL CODE / MATERIAL SPECN	A/C/P	UNIT	UNIT WEIGHT / QUANTITY	GS	
	31	ISMB 150 C.T.S. 3044				150090220000 / IS2062 E250A			45.660 / 2		
	30	ISMB 150 5012				150090220000 / IS2062 E250A			75.180 / 1		
	29	PLATE 6 737x368				152110920000 / IS2062 E250A			3.690 / 1		
	28	PLATE 6 117x283				152110920000 / IS2062 E250A			3.560 / 2		
	27	ISMB 150 C.T.S. 2643.5				150090220000 / IS2062 E250A			39.650 / 2		
	26	ISMB 150 C.T.S. 1111				150090220000 / IS2062 E250A			16.660 / 2		
	25	ISA 75X75X6 2094				150130050000 / IS2062 E250A			14.230 / 2		
	24	ISA 75X75X6 1311				150130050000 / IS2062 E250A			8.910 / 4		
	23	ISA 75X75X6 939				150130050000 / IS2062 E250A			6.380 / 4		
	22	ISA 75X75X6 5162				150130050000 / IS2062 E250A			35.100 / 2		
	21	ISA 75X75X6 10012				150130050000 / IS2062 E250A			68.080 / 2		
	20	ISMC 125 5262				150100020000 / IS2062 E250A			68.930 / 4		
	19	ISMC 125 5012				150100020000 / IS2062 E250A			65.650 / 4		
	18	ISMC 100 4926				150100030000 / IS2062 E250A			47.090 / 4		
	17	ISMC 100 C.T.S. 1507				150100030000 / IS2062 E250A			14.400 / 4		
	16	ISMC 100 C.T.S. 3307				150100030000 / IS2062 E250A			31.610 / 4		
	15	ISMC 100 C.T.S. 4378				150100030000 / IS2062 E250A			41.850 / 4		
	14	ISMC 100 C.T.S. 5278				150100030000 / IS2062 E250A			50.450 / 4		
	13	PLATE 6 125x4950				152110920000 / IS2062 E250A			29.140 / 2		
	12	PLATE 6 C.T.S. 125x3767				152110920000 / IS2062 E250A			22.170 / 4		
	11	PLATE 6 2035x4950				152110920000 / IS2062 E250A			474.450 / 1		
	10	PLATE 6 1300x4950				152110920000 / IS2062 E250A			303.080 / 2		
	09	PLATE 6 921x4950				152110920000 / IS2062 E250A			214.720 / 2		
	08	PLATE 6 2500x5519				152110920000 / IS2062 E250A			552.610 / 1		
	07	PLATE 6 2500x5519				152110920000 / IS2062 E250A			552.610 / 1		
	06	PLATE 6 2533x2533				152110920000 / IS2062 E250A			151.090 / 1		
	05	PLATE 6 2533x2533				152110920000 / IS2062 E250A			151.090 / 1		
	04	PLATE 6 2533x2533				152110920000 / IS2062 E250A			151.090 / 1		
	03	PLATE 6 2533x2533				152110920000 / IS2062 E250A			151.090 / 1		
	02	PLATE 6 2500x5519				152110920000 / IS2062 E250A			552.610 / 1		
	01	PLATE 6 2500x5519				152110920000 / IS2062 E250A			552.610 / 1		

VARIANT NUMBER	ITEM NUMBER	DESCRIPTION	STD	DRAWING NUMBER	ITEM NO / VAR NO	MATERIAL CODE / MATERIAL SPECN	A/C/P	UNIT	UNIT WEIGHT / QUANTITY	GS	
	38	PLATE 10 150x100				152110980000 / IS2062 E250A			1.170 / 9		
	37	PIPE ø127X8 4522				181821780000 / SA106 GrB			106.170 / 2		
	36	PIPE ø114.3X6.02 4394				151820900001 / SA106 GrB			70.610 / 4		
	35	PLATE 10 431x338				152110980000 / IS2062 E250A			11.110 / 2		
	34	PLATE 10 214x175				152110980000 / IS2062 E250A			2.420 / 4		
	33	PLATE 10 537x431				152110980000 / IS2062 E250A			17.520 / 2		
	32	ISMB 150 3407				150090220000 / IS2062 E250A			51.100 / 4		

REV	DATE	ALTERED :
01		CHD & APPD :
ZONE		

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TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT

Bharat Heavy Electricals Ltd
UNIT: HIGH PRESSURE BOILER PLANT
TIRUCHIRAPALLI - 620014
355-053

	NAME	SIGNATURE	DATE
DRN	EOL/VAD		07.04.2015
CHD	SS MANIAN		27.05.2015
APPD	GAUTAM		27.05.2015

DEPT: DU | CODE: 124 | ALL DIMENSIONS ARE IN MM | PROJECTION | SCALE: 1 : 50 | WEIGHT (Kg): 7114.290 | REF TO ASSY / OLD DWG

TITLE: Y DUCT

DRAWING NO : 1-48-482-43054 | REV: 0