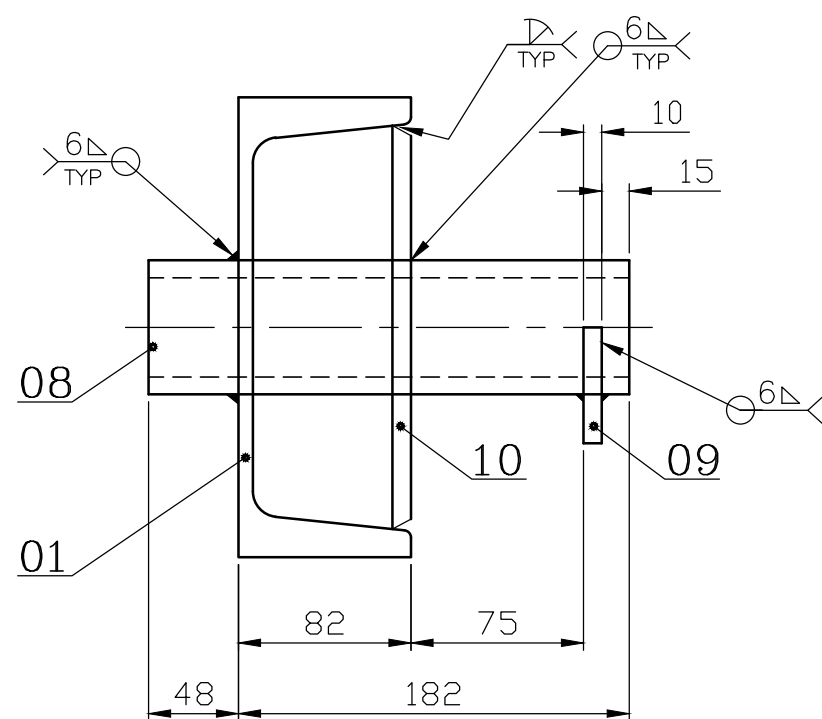
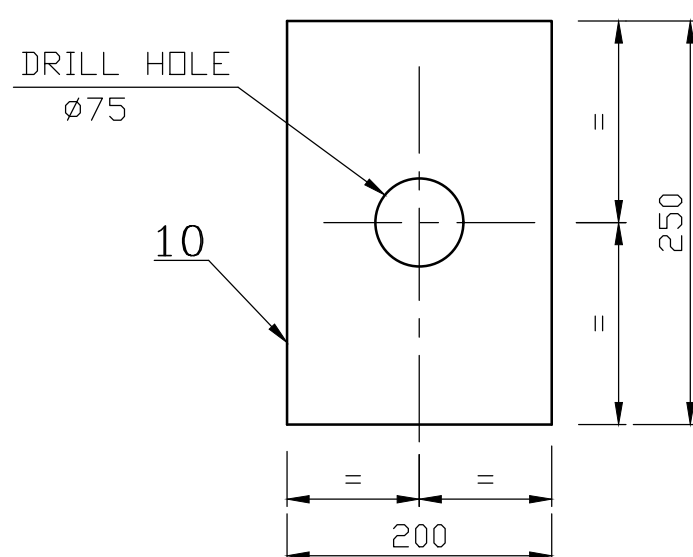
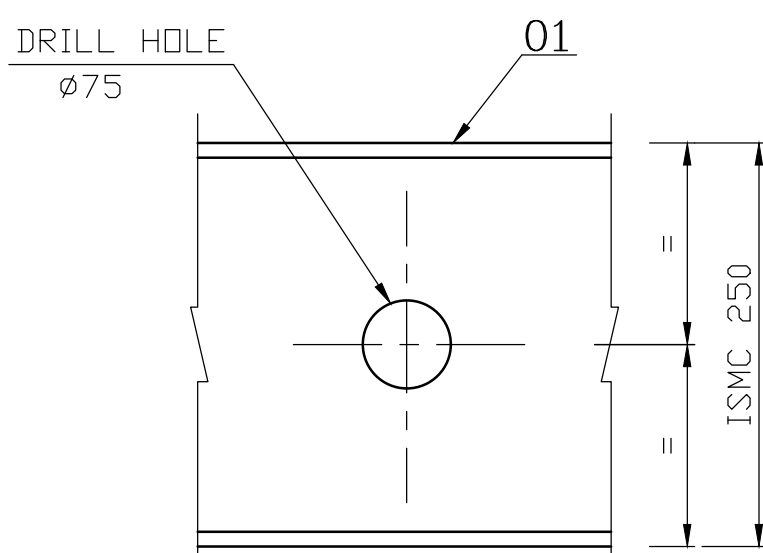
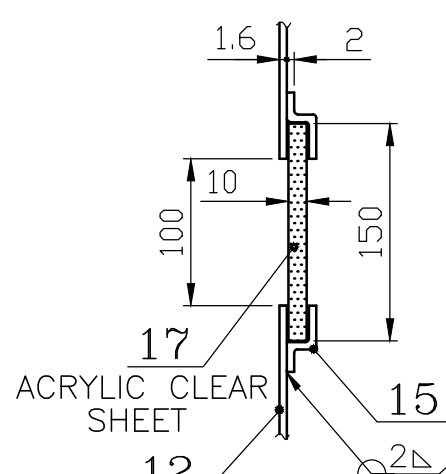




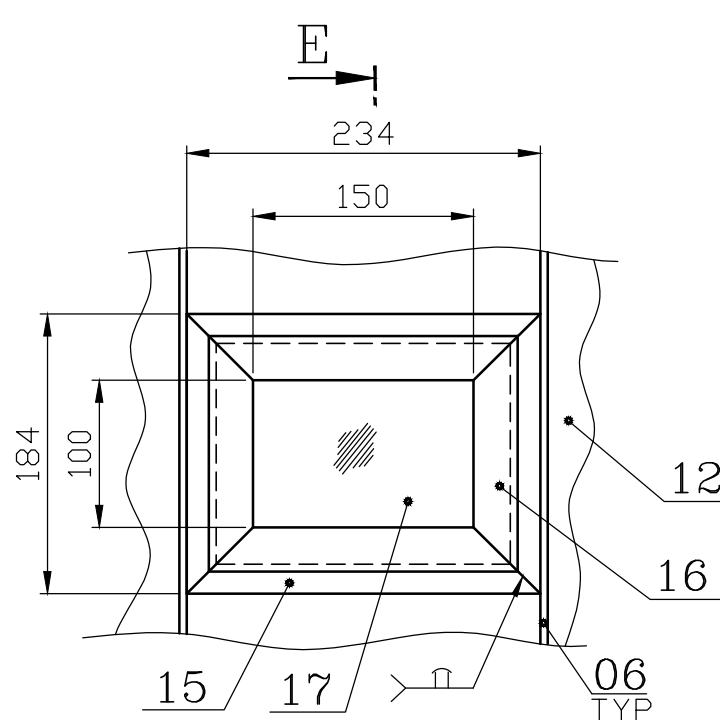
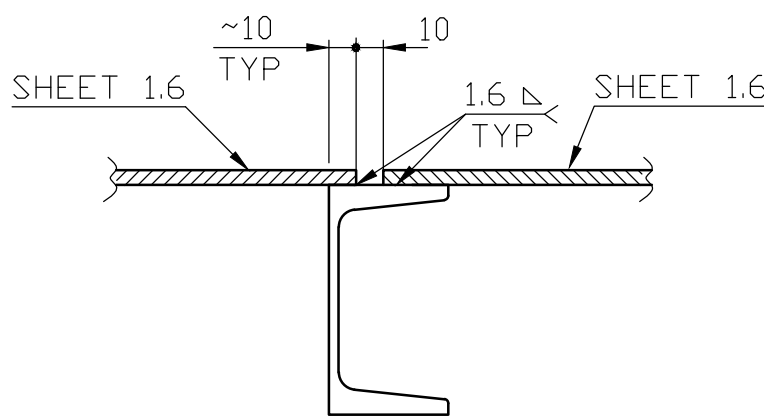
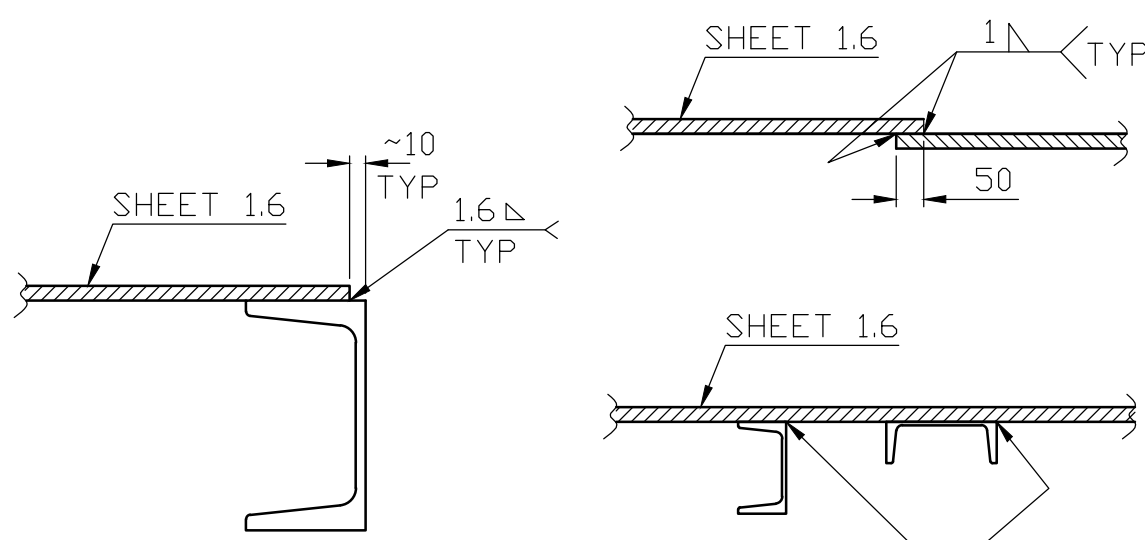
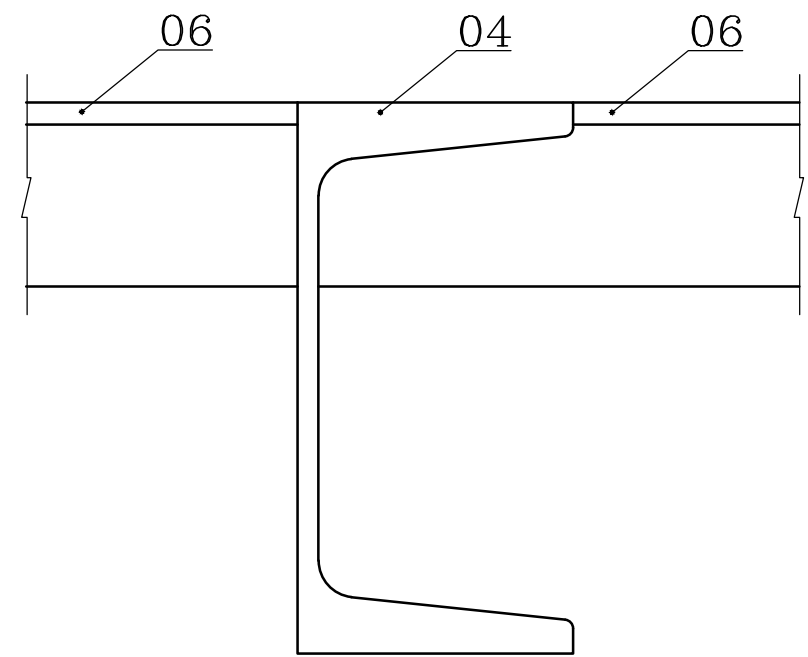
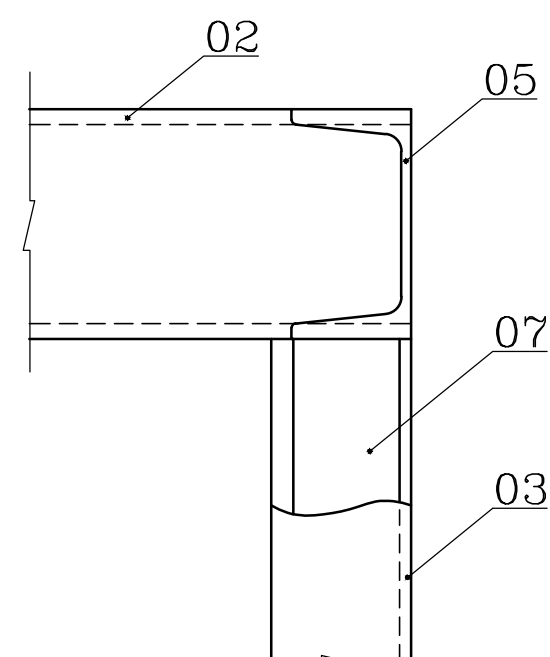
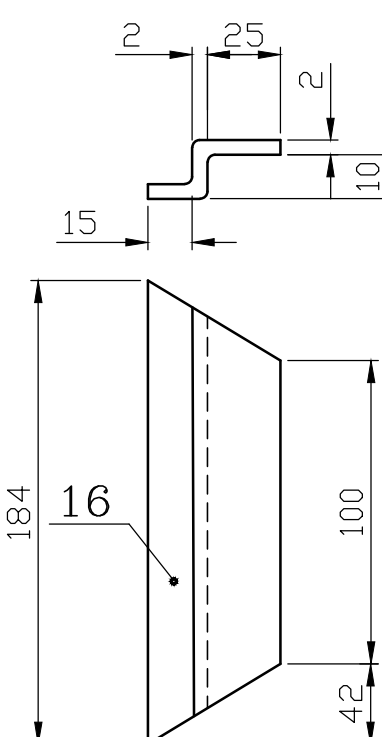
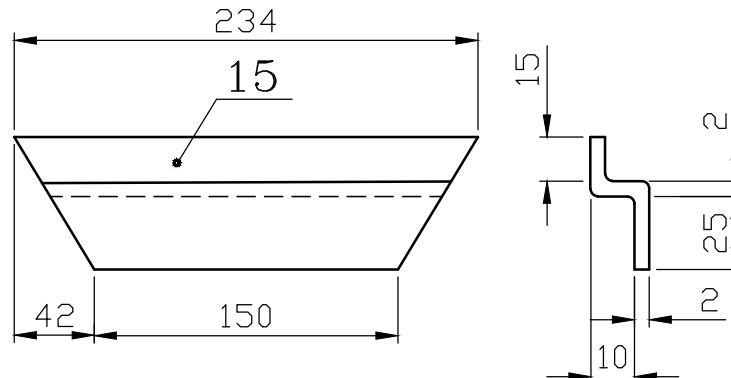
DETAIL-D1



SECTION—EE



SECTION-BB

WINDOW

TYP.WELDING DETAIL OF SHEET 1.6MM

- NOTES:**
- 1) MATERIALS, WELDS AND OTHER REQUIREMENTS ARE GIVEN PER BOX ONLY
 - 2) MANUFACTURING REQUIREMENTS SHALL BE DONE AS PER RELEVANT Q.C.P.
 - 3) ADOPT THE FOLLOWING WELDS WHEREVER NOT SPECIFIED
ISM 200 – 5 FILLET, ISM 250,300,400 – 6 FILLET
 - 4) ALL THE LEVELS INDICATED IN THIS DRG. REPRESENTS THE TOP OF STEEL UNLESS OTHERWISE NOTED
 - 5) ENDS OF INDIVIDUAL MEMBERS ARE TO BE CUT TO SUIT THE OPPOSITE PROFILES.
 - 6) PAINTING AREA : 60 Sq.Metre
 - 7) FOR PRODUCTION NOTES REFER DRAWING NO. 3-35-110-00995.
 - 8) WELDING OF INDIVIDUAL MEMBERS ARE AS FOLLOWS UNLESS NOTED OTHERWISE -4b
 - 9) THE MAXIMUM BOX CAPACITY IS 25.0 METRIC TONS.(NET)
 - 10) ITEM NO.10 SUITABLY CUT AT SHOP.
 - 11) ITEM NO. 06 & 07 ARE ISSUED IN RMS, AND SUITABLY CUT AT SHOP.
 - 12) ITEM NO. 05 ONE(MID) No. IS TACK WELD AT FIRST, AFTER LOADING THE BOX, FULL WELD AT SHOP.
 - 13) ITEM No. 14 IS FULL WELD AT SHOP AFTER LOADING THE BOX. WHILE SENDING THE BOX TO SHOP, THIS ITEM IS TO BE SENT IN LOOSE PIECE SEPARATELY PLACING UNDER THE BOX.
 - 14) NO JOINT IS ALLOWED IN ITEM NO: 13, WHICH COVERS BOTH THE ENDS OF THE BOX.
 - 15) ACRYLIC CLEAR SHEET WITH PERIPHERAL RUBBER PACKING.
 - 16) SEALANT MUST BE APPLIED TO STICK WITH STEEL FRAME AND NOT TO PERMIT WATER ENTRY.

	17	ACRYLIC CLEAR SHEET 10X200X150							2		
	16	SHEET 2 184x54				15011104			0.156		
						IS1079 Fe330			4		
	15	SHEET 2 234x54				15011104			0.198		
						IS1079 Fe330			4		
	14	SHEET 1.6 2980x2280				15011076			85.338		
						IS1079 Fe330			1		
	13	SHEET 1.6 2280x1380				15011076			39.519		
						IS1079 Fe330			2		
	12	SHEET 1.6 2980x1125				15011076			42.107		
						IS1079 Fe330			2		
	11	SHEET 1.6 2980x2280				15011076			85.338		
						IS1079 Fe330			1		
	10	PLATE 10 250x200				15011098			3.925		
						IS2062Fe410A			4		
	09	PLATE 10 125x63				15011098			0.618		
						IS2062Fe410A			4		
	08	TUBE DIA 73x9.53 230				15182041			3.632		
						IS106GrB			4		
	07	ISA 65X65X6				15013159		MR	5.800		
						IS2062Fe410A			9		
	06	ISA 50X50X6				15013156		MR	4.500		
						IS2062Fe410A			18		
	05	ISM 125X65 2170				15010002			28.427		
						IS2062Fe410A			3		
	04	ISM 150X75 2136				15010035			35.885		
						IS2062Fe410A			3		
	03	ISM 200X75 1125				15010038			25.088		
						IS2062Fe410A			6		
	02	ISM 125X65 3020				15010002			39.562		
						IS2062Fe410A			2		
	01	ISM 250X82 3020				15010034			103.284		
						IS2062Fe410A			2		
VARIANT NUMBER	ITEM NUMBER	DESCRIPTION	STD	DRAWING NUMBER	ITEM NO	MATERIAL CODE	UNIT	UNIT WEIGHT	GS	ZONE	
					VAR NO	MATERIAL SPECN	D1	QUANTITY			

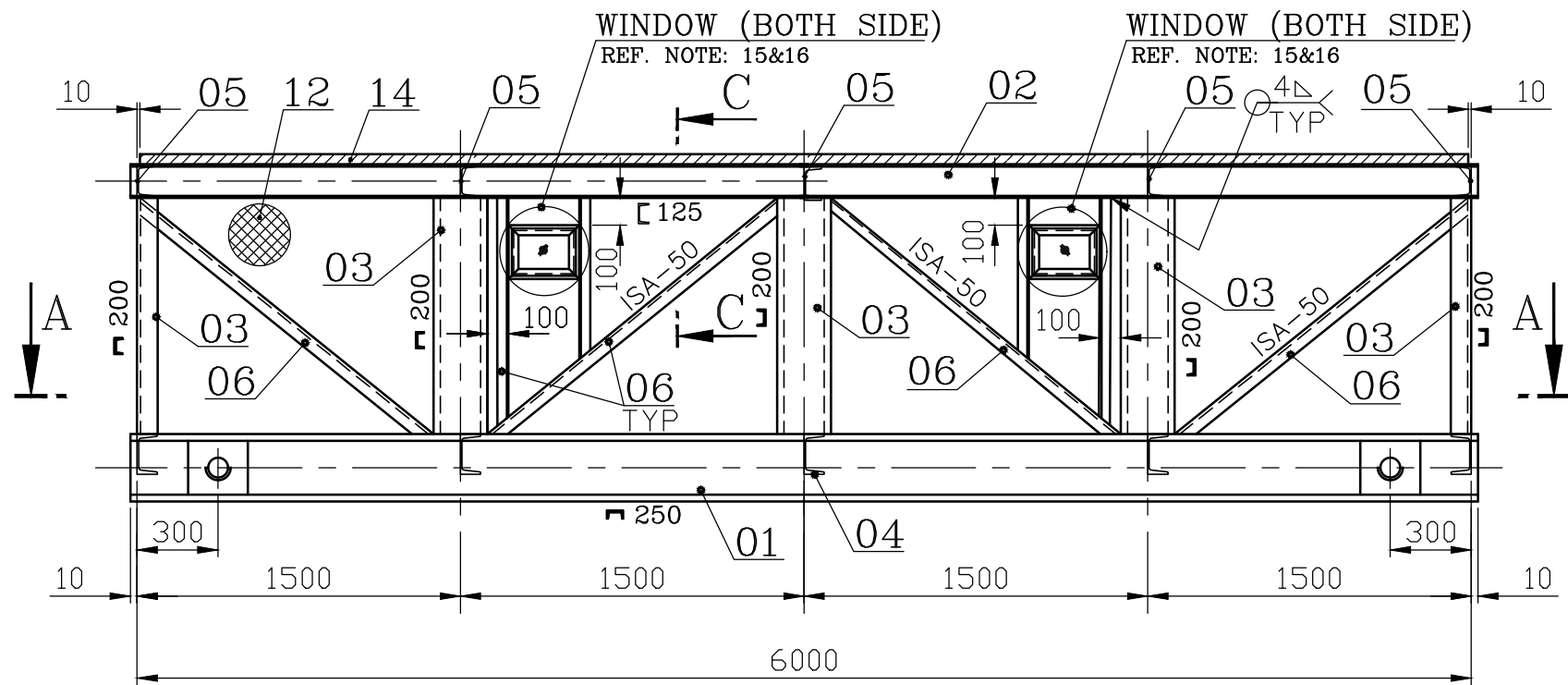
REV 02	DATE 29.03.18	ALTERED : P.SEKAR CHECKED : MUTHU SUBU
ZONE	ITEM 15,16,17 - ADDED. ITEM 08 - WEIGHT CORRECTED. NOTES REVISED.	
REV 01	DATE 21.03.18	ALTERED : CHECKED :
ZONE	ITEM 06 & 07 - QUANTITY CORRECTED. IN DETAIL-D1, ITEM 08 & 10 - WELD DETAIL MARKED.	

CAUTION: The information on this document is the property of BHARAT HEAVY ELECTRICALS LTD. It must not be used directly or indirectly in any way detrimental to the interest of the company.

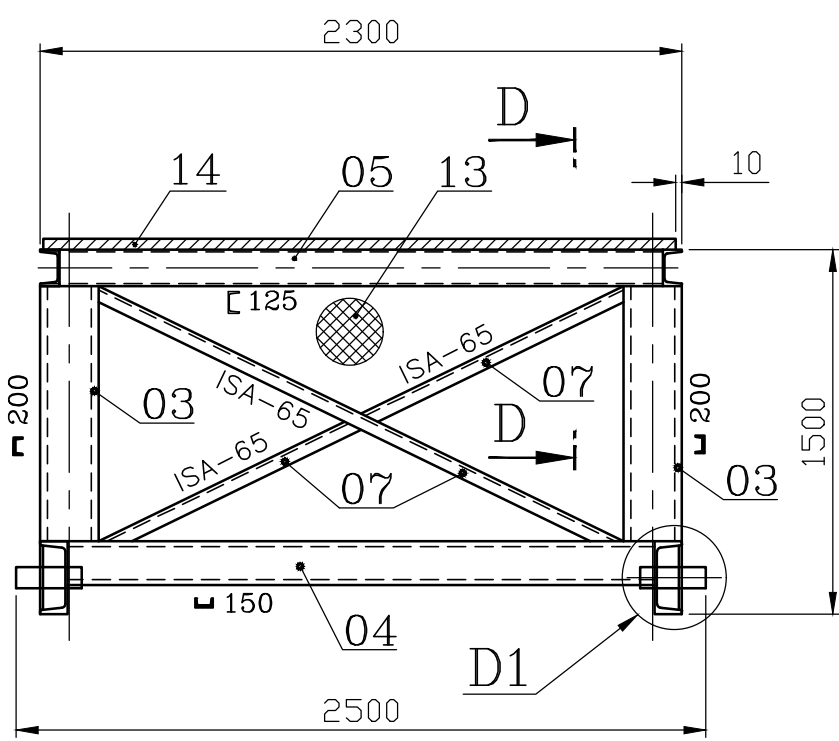
TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT					DRN	NAME	SIGNATURE	DATE	NO. OF VAR
 Bharat Heavy Electricals Ltd UNIT: HIGH PRESSURE BOILER PLANT TURUCHIRAPALLI - 620014					CHD	K.Kesavan		12/10/17	
						MUTHU SUBU		13/10/17	
					APFD	M.Shanmugam		14/10/17	
DEPT	ST	GRADE OF UNTL. DIM	SCALE	WEIGHT (Kg)	REF TO ASST / OLD DWG			ITEM NO	No Of ITEMS
CODE	122	C/M/P		NTS	---	---			
TITLE					CARD CODE	DRAWING NO :			REV
STEEL BOX (3000x2500x1500)					U 01	1-35-390-25157			02

1-35-390-25159
DRAWING NO.

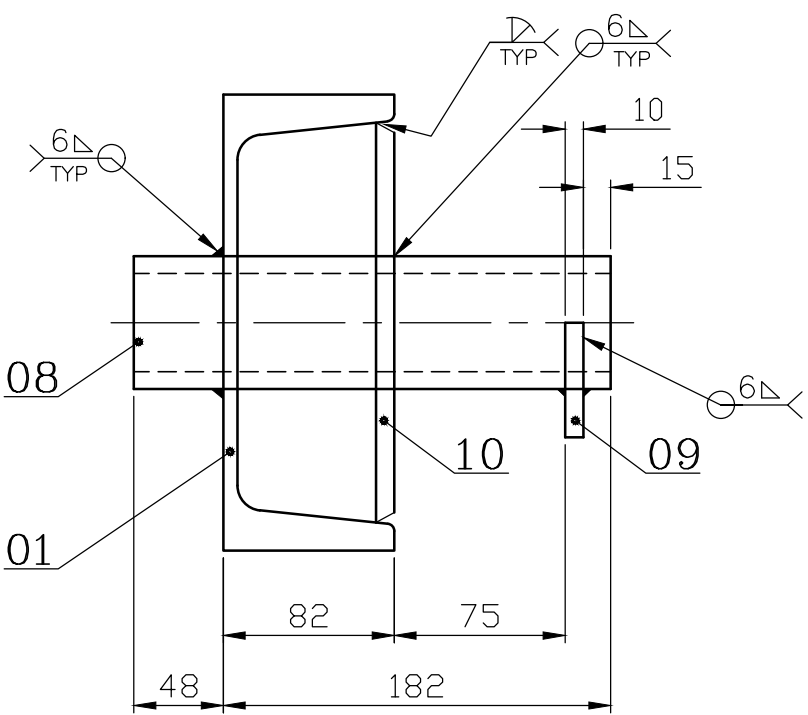
ALL DIMENSIONS ARE IN MILLIMETERS



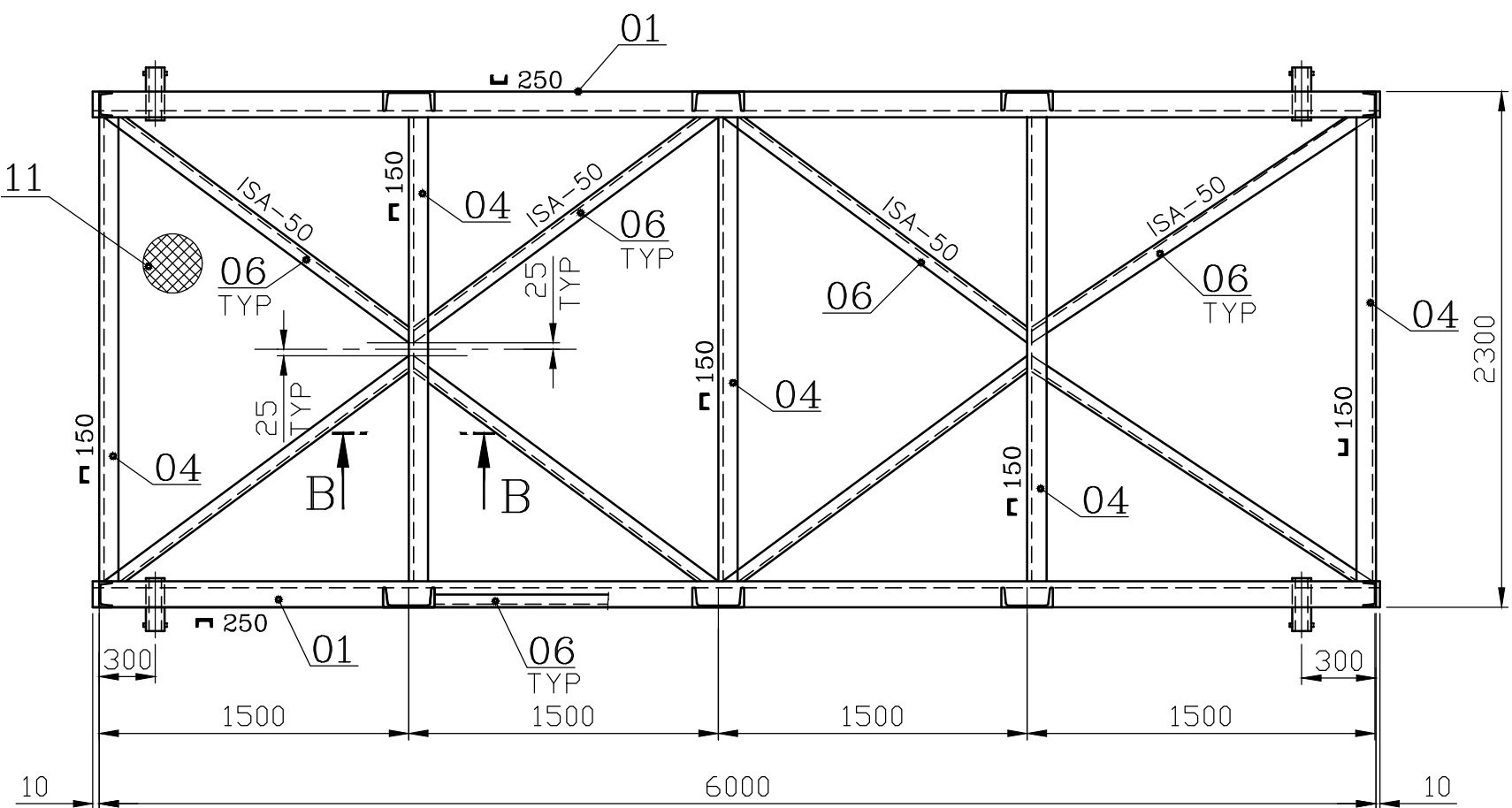
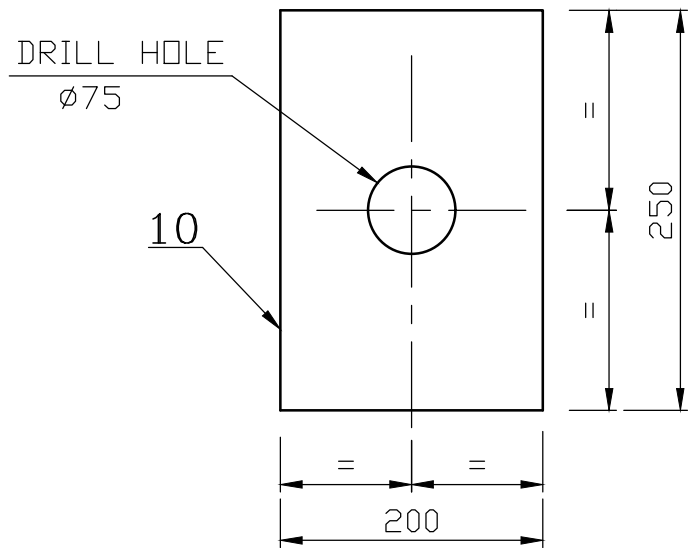
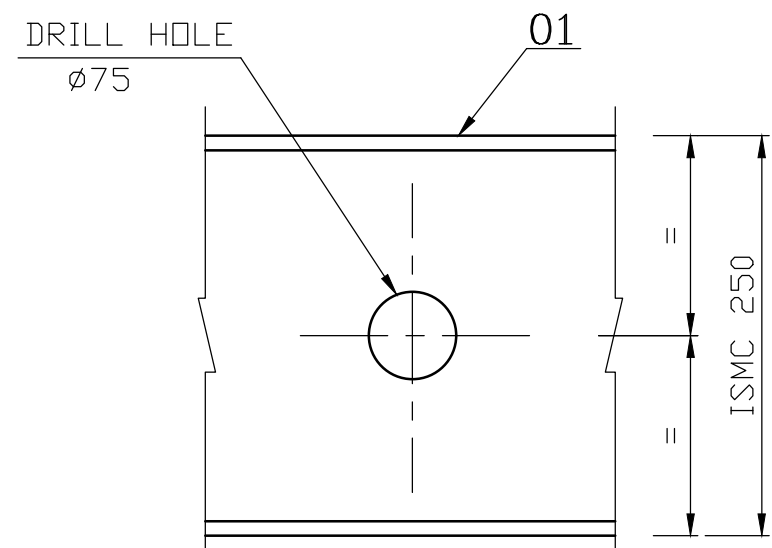
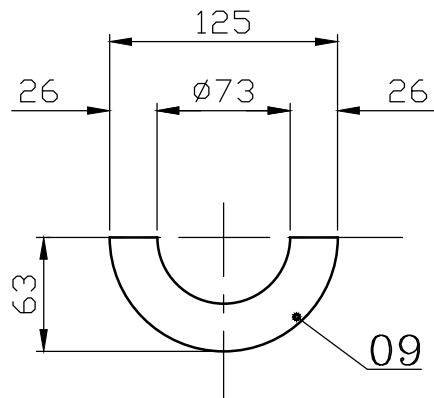
ELEVATION



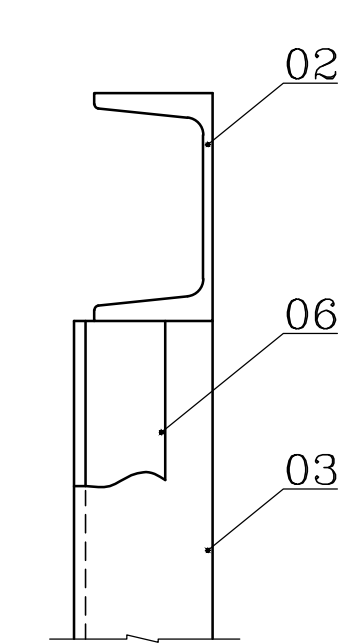
SIDE VIEW



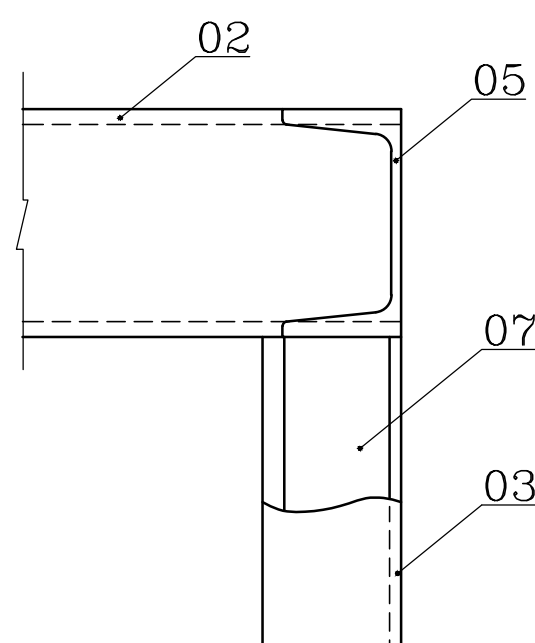
DETAIL-D1



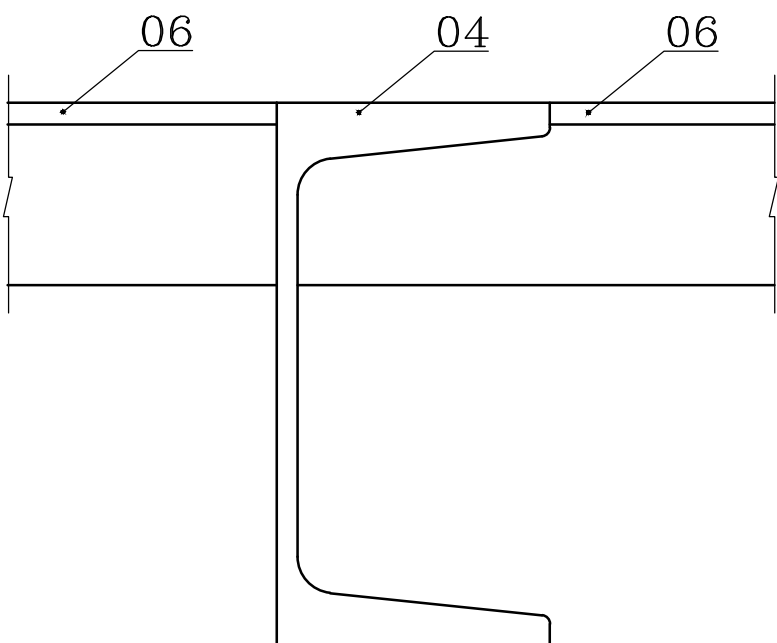
SECTION-AA



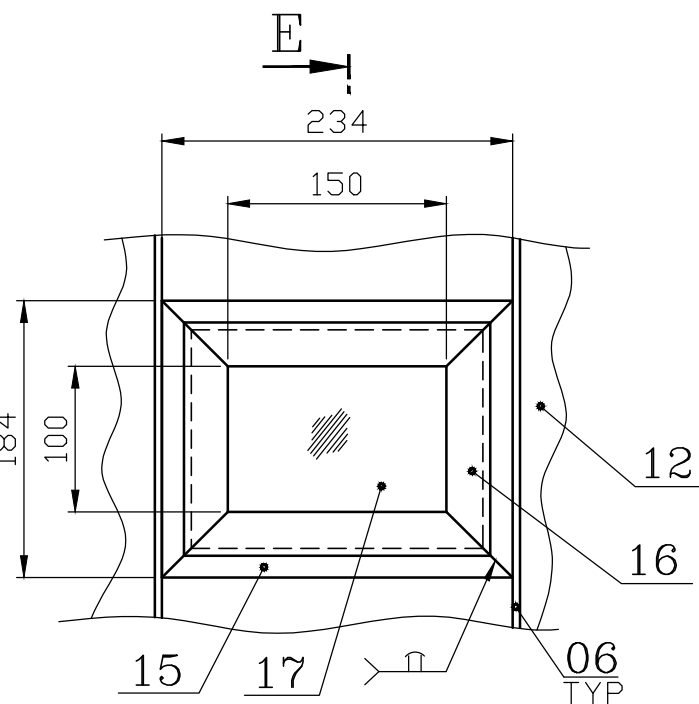
SECTION-CC



SECTION-DD

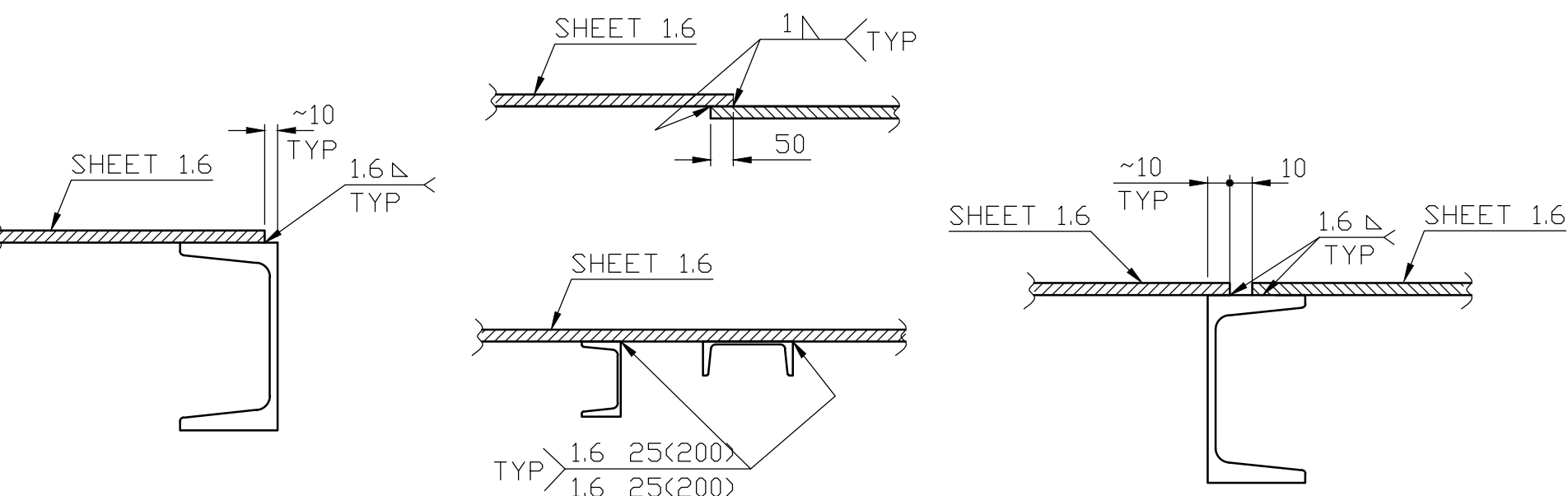
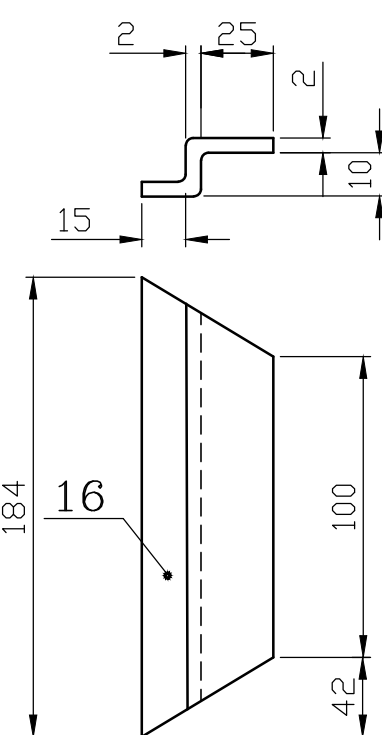


SECTION-BB



SECTION-EE

WINDOW



TYP. WELDING DETAIL OF SHEET 1.6MM

- NOTES:**
- 1) MATERIALS, WELDS AND OTHER REQUIREMENTS ARE GIVEN PER BOX ONLY
 - 2) MANUFACTURING REQUIREMENTS SHALL BE DONE AS PER RELEVANT Q.C.P.
 - 3) ADOPT THE FOLLOWING WELDS WHEREVER NOT SPECIFIED
ISMC 200 – 5 FILLET, ISMC 250,300,400 – 6 FILLET
 - 4) ALL THE LEVELS INDICATED IN THIS DRG. REPRESENTS THE TOP OF STEEL UNLESS OTHERWISE NOTED
 - 5) ENDS OF INDIVIDUAL MEMBERS ARE TO BE CUT TO SUIT THE OPPOSITE PROFILES.
 - 6) PAINTING AREA : 120 Sq.Metre
 - 7) FOR PRODUCTION NOTES REFER DRAWING NO. 3-35-110-00995.
 - 8) WELDING OF INDIVIDUAL MEMBERS ARE AS FOLLOWS UNLESS NOTED OTHERWISE – 4b
 - 9) THE MAXIMUM BOX CAPACITY IS 25.0 METRIC TONS.(NET)
 - 10) ITEM NO.10 SUITABLY CUT AT SHOP.
 - 11) ITEM NO. 06 & 07 ARE ISSUED IN RMS, AND SUITABLY CUT AT SHOP.
 - 12) ITEM NO. 05 THREE(MID) Nos. ARE TACK WELD AT FIRST, AFTER LOADING THE BOX, FULL WELD AT SHOP.
 - 13) ITEM No. 14 IS FULL WELD AT SHOP AFTER LOADING THE BOX. WHILE SENDING THE BOX TO SHOP, THIS ITEM IS TO BE SENT IN LOOSE PIECE SEPARATELY PLACING UNDER THE BOX.
 - 14) NO JOINT IS ALLOWED IN ITEM NO: 13, WHICH COVERS BOTH THE ENDS OF THE BOX.
 - 15) ACRYLIC CLEAR SHEET WITH PERIPHERAL RUBBER PACKING.
 - 16) SEALANT MUST BE APPLIED TO STICK WITH STEEL FRAME AND NOT TO PERMIT WATER ENTRY.

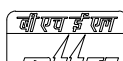
VARIANT NUMBER	ITEM NUMBER	DESCRIPTION	STD	DRAWING NUMBER	ITEM NO VAR NO	MATERIAL CODE MATERIAL SPECN	UNIT D1	UNIT WEIGHT QUANTITY	CS	ZONE
17	ACRYLIC CLEAR SHEET 10X200X150							4		
16	SHEET 2 184x54					15011104		0.156		
15	SHEET 2 234x54					15011104		0.198		
14	SHEET 1.6 5980x2280					15011076		171.248		
13	SHEET 1.6 2280x1380					15011076		39.519		
12	SHEET 1.6 5980x1125					15011076		84.497		
11	SHEET 1.6 5980x2280					15011076		171.248		
10	PLATE 10 250x200					15011098		3.925		
09	PLATE 10 125x63					IS2062Fe410A		0.618		
08	TUBE DIA 73x9.53 230					15182041		3.632		
07	ISA 65X65X6					IS106GrB		4		
06	ISA 50X50X6					15013159	MR	5.800		
05	ISMC 125X65 2170					IS2062Fe410A		9		
04	ISMC 150X75 2136					15013156	MR	4.500		
03	ISMC 200X75 1125					IS2062Fe410A		37		
02	ISMC 125X65 6020					15010002		28.427		
01	ISMC 250X82 6020					IS2062Fe410A		5		

REV	DATE	ALTERED	BY
02	29.03.18	ALTERED : P.SEKAR CHECKED : MUTHU SUBU	
ZONE	ITEM 15,16,17 – ADDED. ITEM 08 – WEIGHT CORRECTED. NOTES REVISED.		
REV	DATE	ALTERED	BY
01	21.03.18	ALTERED : P.SEKAR CHECKED : MUTHU SUBU	
ZONE	ITEM 06 & 07 – QUANTITY CORRECTED. IN DETAIL-D1, ITEM 08 & 10 – WELD DETAIL MARKED.		

TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT	DRN	NAME	SIGNATURE	DATE	NO. OF VAR
Bharat Heavy Electricals Ltd UNIT: HIGH PRESSURE BOILER PLANT TIRUCHIRAPALLI – 620014	CHD	K.Kesavan		12/10/17	
	APPD	MUTHU SUBU		13/10/17	
		M.Shanmugam		14/10/17	
DEPT	ST	GRADE OF UNTOOL. DIM	SCALE	WEIGHT (Kg)	REF TO ASST / OLD DWG
CODE 122	C/M/P		NTS	---	---
TITLE	CARD CODE	DRAWING NO :	REV		
STEEL BOX (6000x2500x1500)	U 01	1-35-390-25159	02		



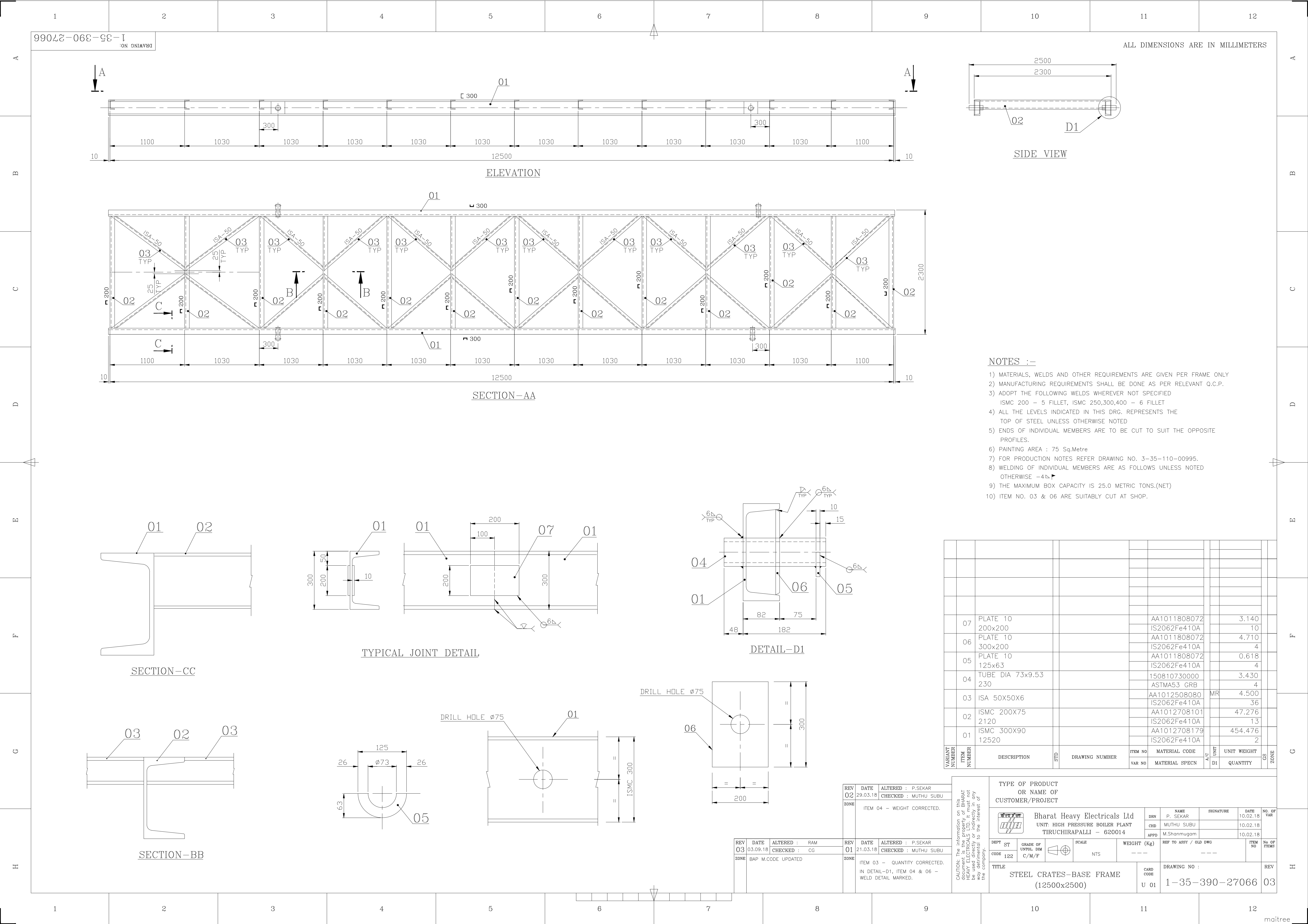
REV 02	DATE 29.03.18	ALTERED : P.SEKAR CHECKED : MUTHU SUBU
ZONE		
ITEM 18,19,20 - ADDED.		
ITEM 08 - WEIGHT CORRECTED.		
NOTES REVISED.		
REV 01	DATE 21.03.18	ALTERED : P.SEKAR CHECKED : MUTHU SUBU
ZONE		
ITEM 06 & 07 - QUANTITY CORRECTED.		
IN DETAIL-01, ITEM 08 & 10 - WELD DETAIL MARKED.		

CAUTION: The information on this document is the property of BHARAT HEAVY ELECTRICALS and may be used directly or indirectly in any way detrimental to the interest of the company.	TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT									
			Bharat Heavy Electricals Ltd UNIT: HIGH PRESSURE BOILER PLANT TIRUCHIRAPALLI - 620014			DRN	NAME K.Kesavan	SIGNATURE	DATE 2/10/17	NO OF VAR
						CHD	Muthusubu		3/10/17	
						APPD	Shanmugam		14/10/17	
	DEPT	ST	GRADE OF UNTYL DIM C/M/F		SCALE NTS	WEIGHT (Kg) 4109.516	REF TO ASSY / OLD DWG ---		ITEM NO	NO OF ITEMS
	TITLE STEEL BOX (12500x2500x1500)					CARD CODE U 01	DRAWING NO : 1-35-390-25161			REV 03



NOTES:

- 1) MATERIALS, WELDS AND OTHER REQUIREMENTS ARE GIVEN PER BOX ONLY
- 2) MANUFACTURING REQUIREMENTS SHALL BE DONE AS PER RELEVANT Q.C.P.
- 3) ADOPT THE FOLLOWING WELDS WHEREVER NOT SPECIFIED
ISM 200 – 5 FILLET, ISM 250,300,400 – 6 FILLET
- 4) ALL THE LEVELS INDICATED IN THIS DRG. REPRESENTS THE
TOP OF STEEL UNLESS OTHERWISE NOTED
- 5) ENDS OF INDIVIDUAL MEMBERS ARE TO BE CUT TO SUIT THE OPPOSITE
PROFILES.
- 6) PAINTING AREA : 275 Sq.Meter
- 7) FOR PRODUCTION NOTES REFER DRAWING NO. 3-35-110-00995.
- 8) WELDING OF INDIVIDUAL MEMBERS ARE AS FOLLOWS UNLESS NOTED
OTHERWISE –4t₁
- 9) THE MAXIMUM BOX CAPACITY IS 25.0 METRIC TONS.(NET)
- 10) ITEM NO.10 SUITABLY CUT AT SHOP.
- 11) ITEM NO. 06 & 07 ARE ISSUED IN RMS, AND SUITABLY CUT AT SHOP.
- 12) ITEM NO. 05 SEVEN NOS. ARE TACK WELD AT FIRST, AFTER LOADING THE BOX, FULL WELD AT SHOP.
- 13) ITEM NOS. 14,15,16 & 17 ARE FULL WELD AT SHOP AFTER LOADING THE BOX. WHILE SENDING THE BOX
TO SHOP, THESE ITEMS ARE TO BE SENT IN LOOSE PIECE SEPARATELY PLACING UNDER THE BOX.
- 14) NO JOINT IS ALLOWED IN ITEM NO: 13, WHICH COVERS BOTH THE ENDS OF THE BOX.
- 15) ACRYLIC CLEAR SHEET WITH PERIPHERAL RUBBER PACKING.
- 16) SEALANT MUST BE APPLIED TO STICK WITH STEEL FRAME AND NOT TO PERMIT WATER ENTRY.



NOTES :-

- 1) MATERIALS, WELDS AND OTHER REQUIREMENTS ARE GIVEN PER FRAME ONLY
- 2) MANUFACTURING REQUIREMENTS SHALL BE DONE AS PER RELEVANT Q.C.P.
- 3) ADOPT THE FOLLOWING WELDS WHEREVER NOT SPECIFIED
ISM 200 - 5 FILLET, ISMC 250,300,400 - 6 FILLET
- 4) ALL THE LEVELS INDICATED IN THIS DRG. REPRESENTS THE TOP OF STEEL UNLESS OTHERWISE NOTED
- 5) ENDS OF INDIVIDUAL MEMBERS ARE TO BE CUT TO SUIT THE OPPOSITE PROFILES.
- 6) PAINTING AREA : 75 Sq.Metre
- 7) FOR PRODUCTION NOTES REFER DRAWING NO. 3-35-110-00995.
- 8) WELDING OF INDIVIDUAL MEMBERS ARE AS FOLLOWS UNLESS NOTED OTHERWISE -4d
- 9) THE MAXIMUM BOX CAPACITY IS 25.0 METRIC TONS.(NET)
- 10) ITEM NO. 03 & 06 ARE SUITABLY CUT AT SHOP.

VARIANT NUMBER	ITEM NUMBER	DESCRIPTION	STD	DRAWING NUMBER	ITEM NO VAR NO	MATERIAL CODE MATERIAL SPECN	A/C	UNIT	UNIT WEIGHT QUANTITY	CS	ZONE
	07	PLATE 10 200x200				AA1011808072 IS2062Fe410A			3.140 10		
	06	PLATE 10 300x200				AA1011808072 IS2062Fe410A			4.710 4		
	05	PLATE 10 125x63				AA1011808072 IS2062Fe410A			0.618 4		
	04	TUBE DIA 73x9.53 230				150810730000 ASTMA53 GRB			3.430 4		
	03	ISA 50X50X6				AA1012508080 IS2062Fe410A	MR		4.500 36		
	02	ISM 200X75 2120				AA1012708101 IS2062Fe410A			47.276 13		
	01	ISM 300X90 12520				AA1012708179 IS2062Fe410A			454.476 2		

TYPE OF PRODUCT
OR NAME OF
CUSTOMER/PROJECT

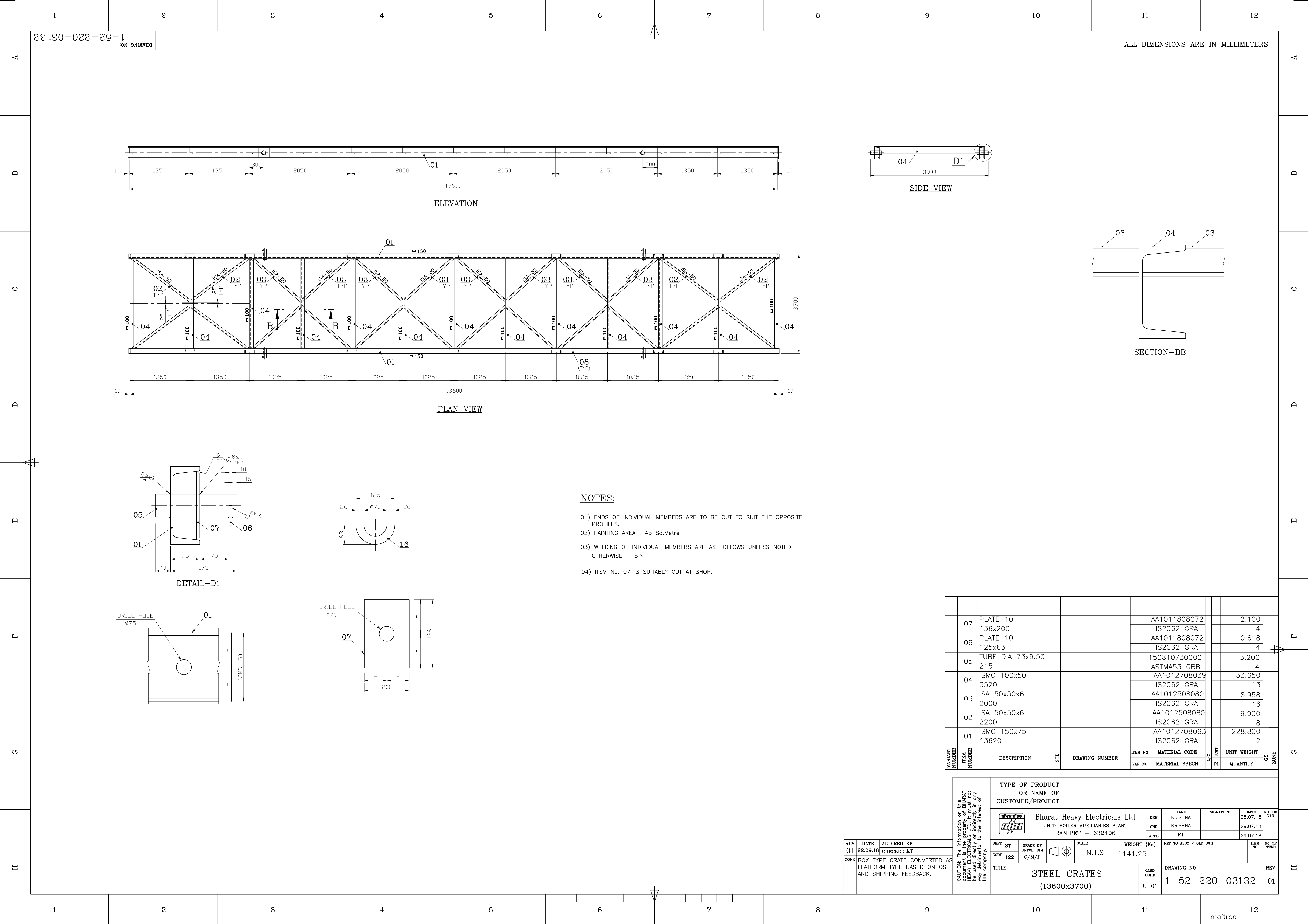


Bharat Heavy Electricals Ltd
UNIT: HIGH PRESSURE BOILER PLANT
TIRUCHIRAPALLI - 620014

DRN	NAME	SIGNATURE	DATE	NO. OF VAR
CHD	P. SEKAR		10.02.18	
APPD	MUTHU SUBU		10.02.18	
	M.Shanmugam		10.02.18	

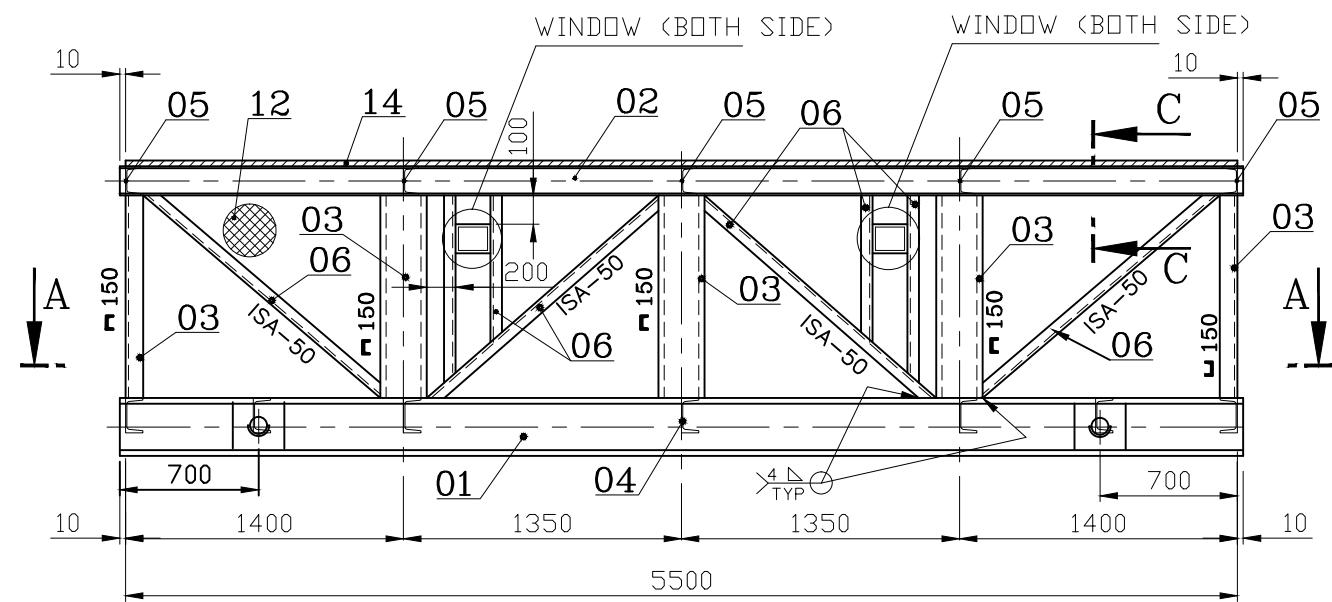
DEPT	ST	GRADE OF UNTL. DM	SCALE	WEIGHT (Kg)	REF TO ASSY / OLD DWG	ITEM NO	NO. OF ITEMS
CODE	122	C/M/F	NTS	---	---		

TITLE	CARD CODE	DRAWING NO :	REV
STEEL CRATES-BASE FRAME (12500x2500)	U 01	1-35-390-27066	03

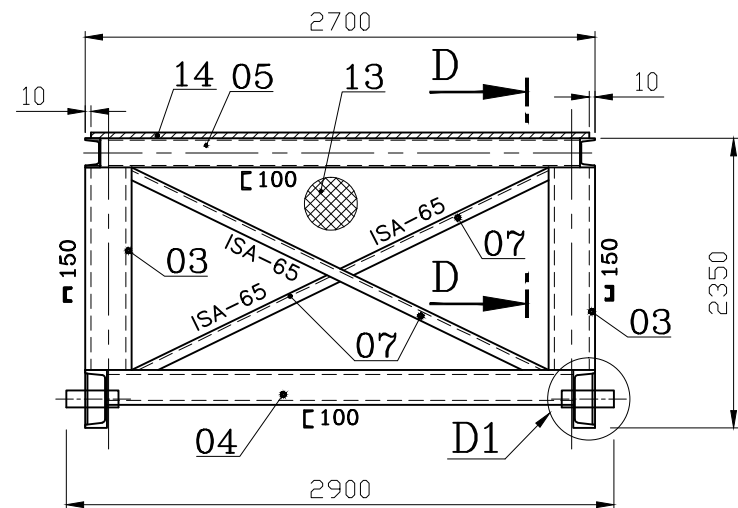


1-52-220-03133
DRAWING NO.

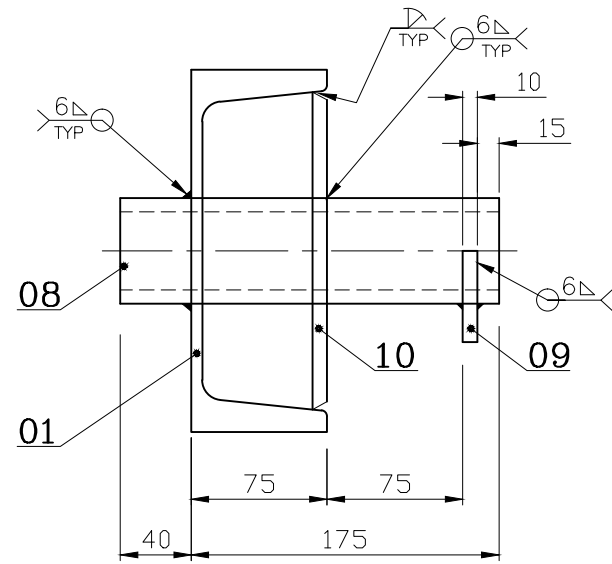
ALL DIMENSIONS ARE IN MILLIMETERS



ELEVATION



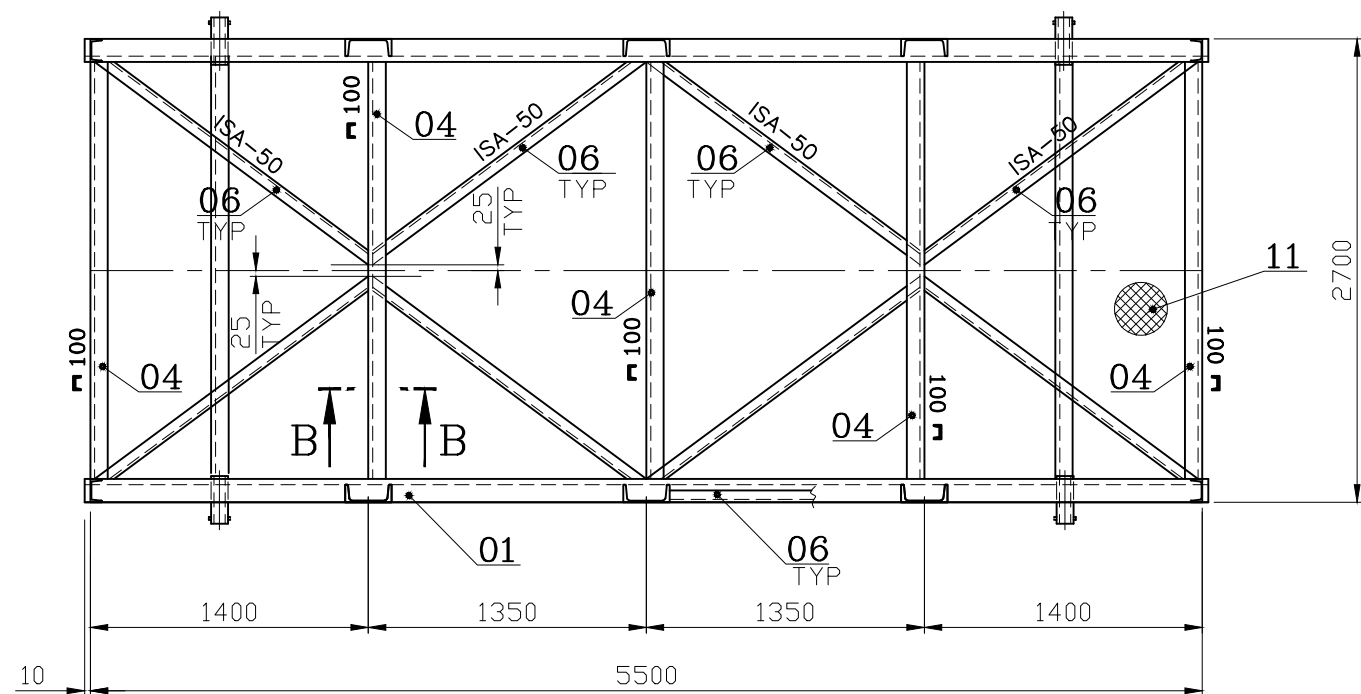
SIDE VIEW



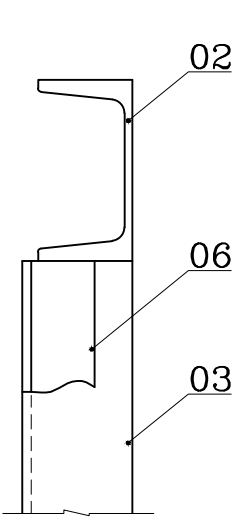
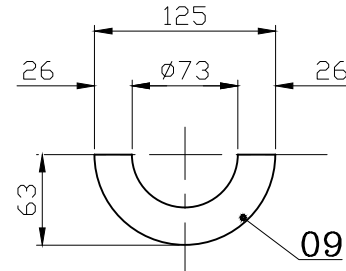
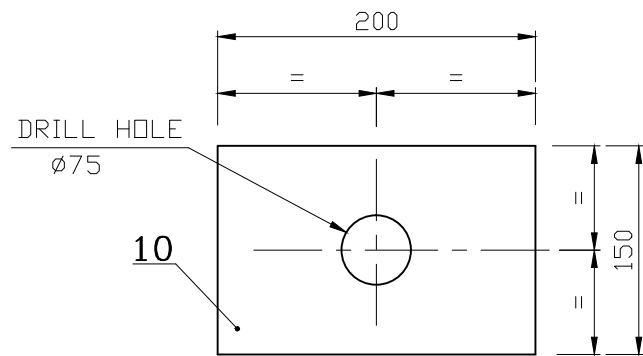
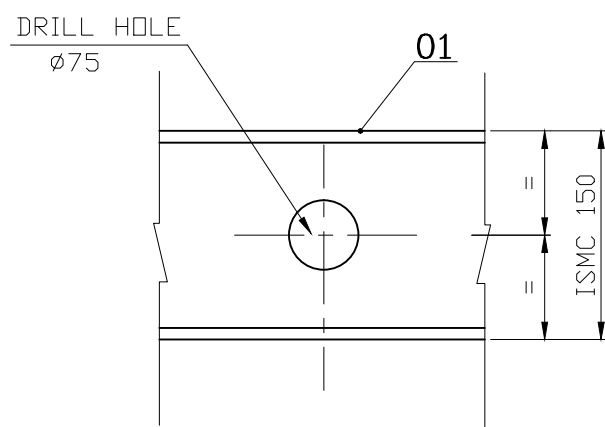
DETAIL-D1

NOTES:

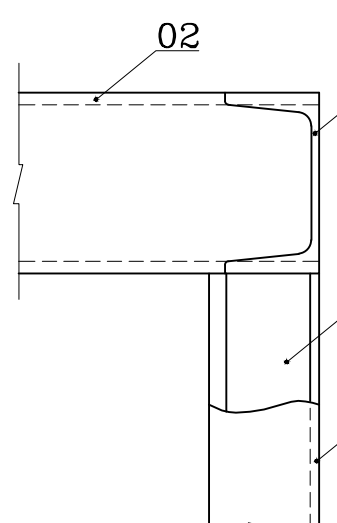
- 1) ENDS OF INDIVIDUAL MEMBERS ARE TO BE CUT TO SUIT THE OPPOSITE PROFILES.
- 2) PAINTING AREA : 150 Sq.Metre
- 3) WELDING OF INDIVIDUAL MEMBERS ARE AS FOLLOWS UNLESS NOTED OTHERWISE - 5b.
- 4) ITEM No. 10 SUITABLY CUT AT SHOP.
- 4) WT OF DRIVE (TWO) UNITS 13.00 MT



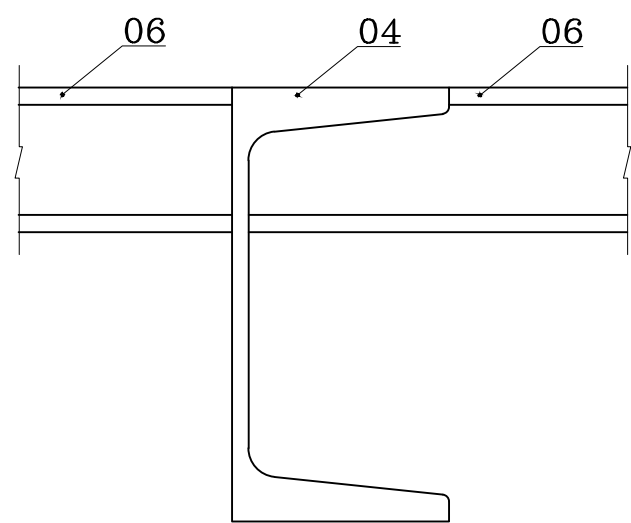
SECTION-AA



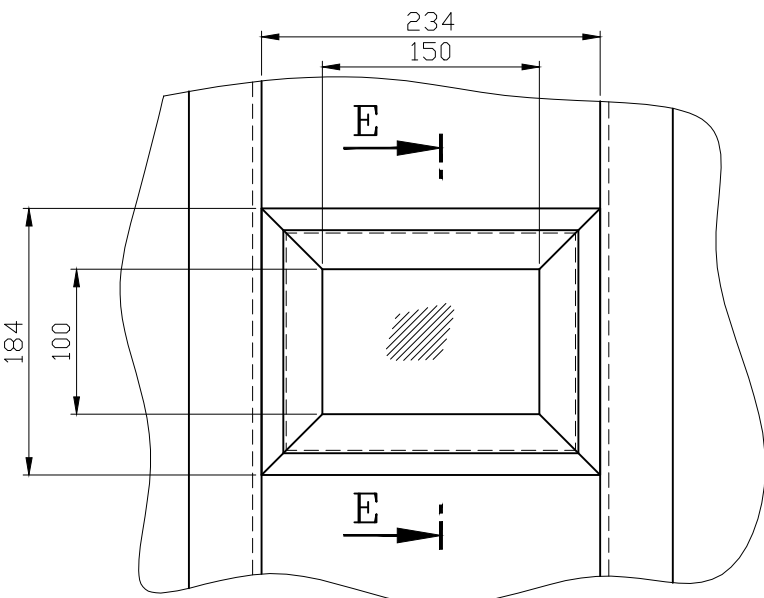
SECTION-CC



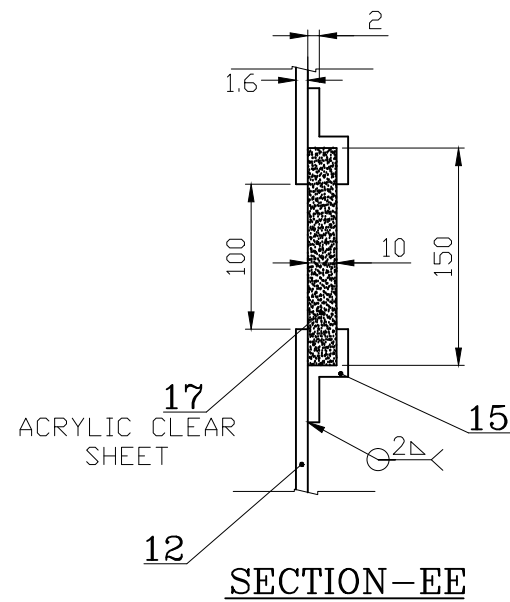
SECTION-DD



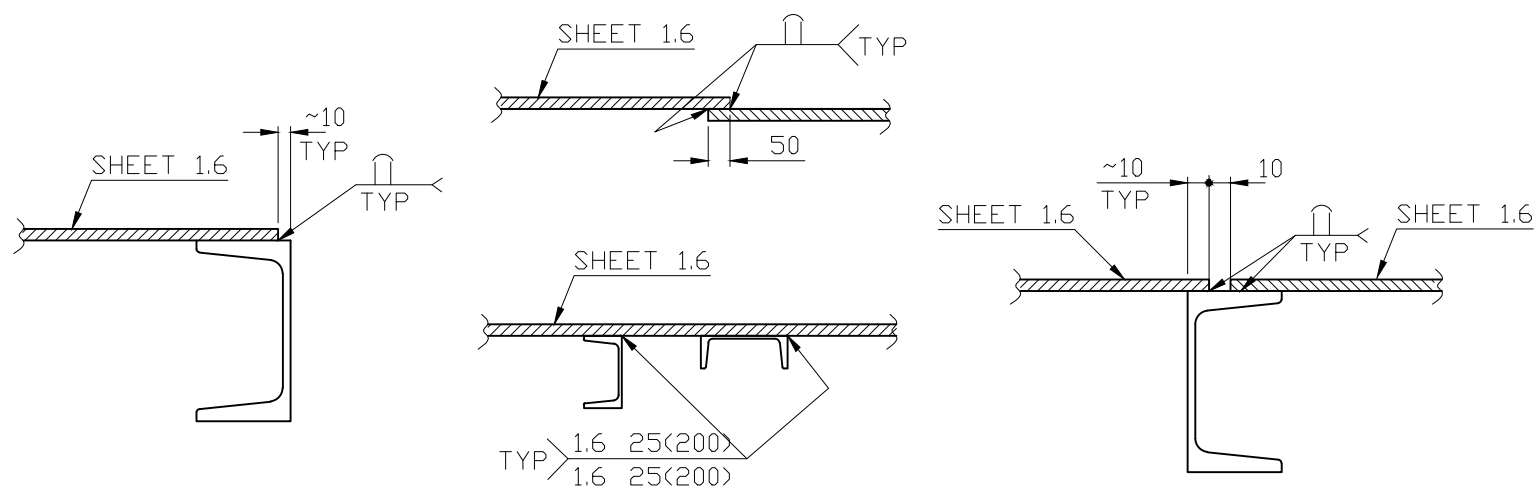
SECTION-BB



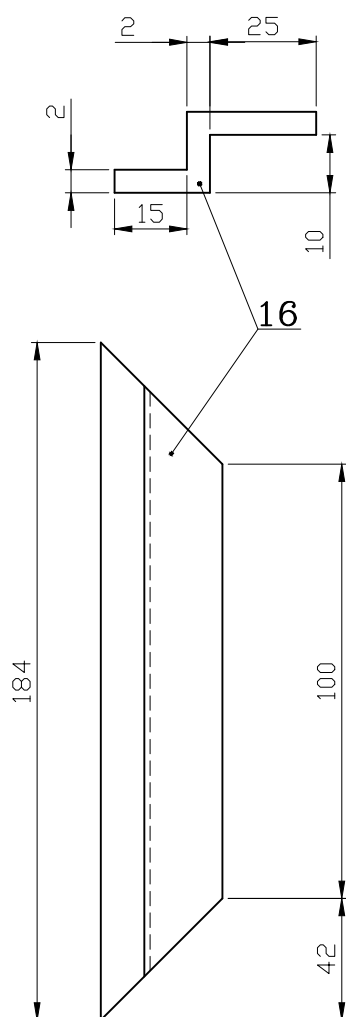
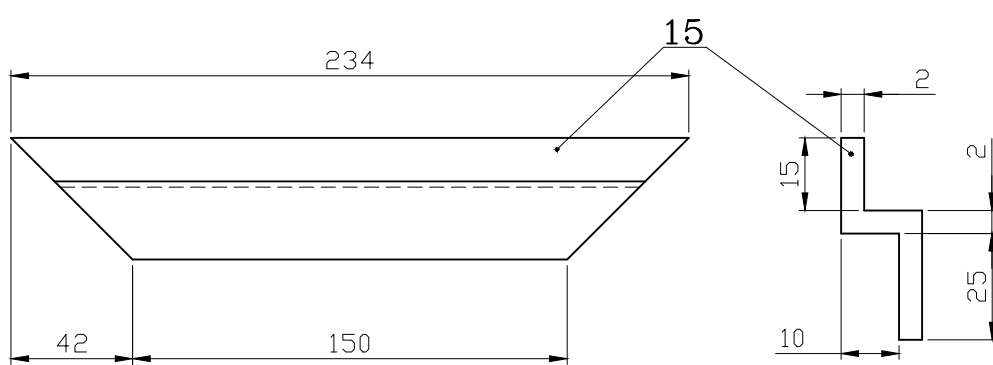
WINDOW



SECTION-EE



TYP.WELDING DETAIL OF SHEET 0.5MM

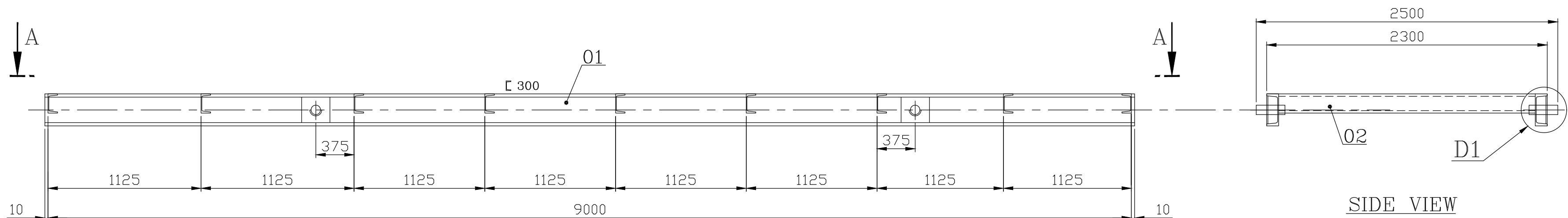
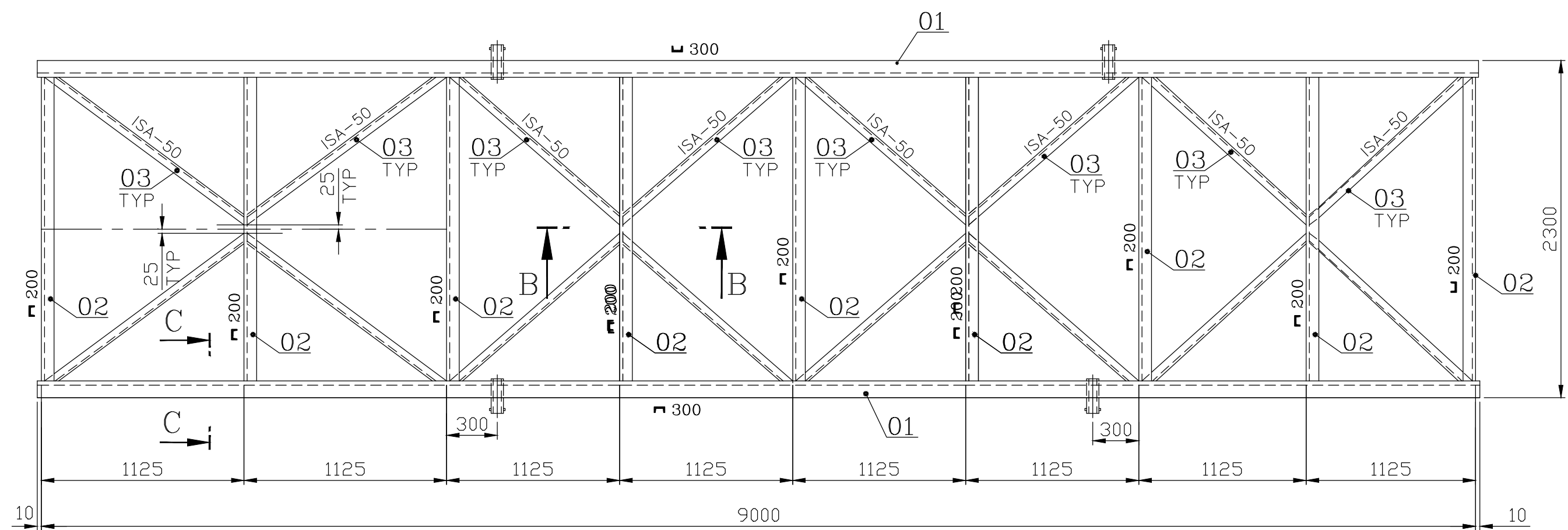


REV 05	DATE 14.02.19	ALTERED : KRISHNA	REV 04	DATE 31.01.19	ALTERED : KRISHNA	REV 03	DATE 22.12.18	ALTERED : KRISHNA	REV 02	DATE 19.12.18	ALTERED : KRISHNA	REV 01	DATE 28.09.18	ALTERED : KRISHNA
ZONE	ITEM NO 11-14 THICKNESS WAS 0.5 mm. TOTAL WT. ALTD.		ZONE	DRG REVISED. ITEM 04 QTY 7 WAS 5 DIM 700 WAS 300 T.WT 1539.684 WAS 1490.928		ZONE	DRG REVISED.		ZONE	DRG REVISED.		ZONE	DRG REVISED.	

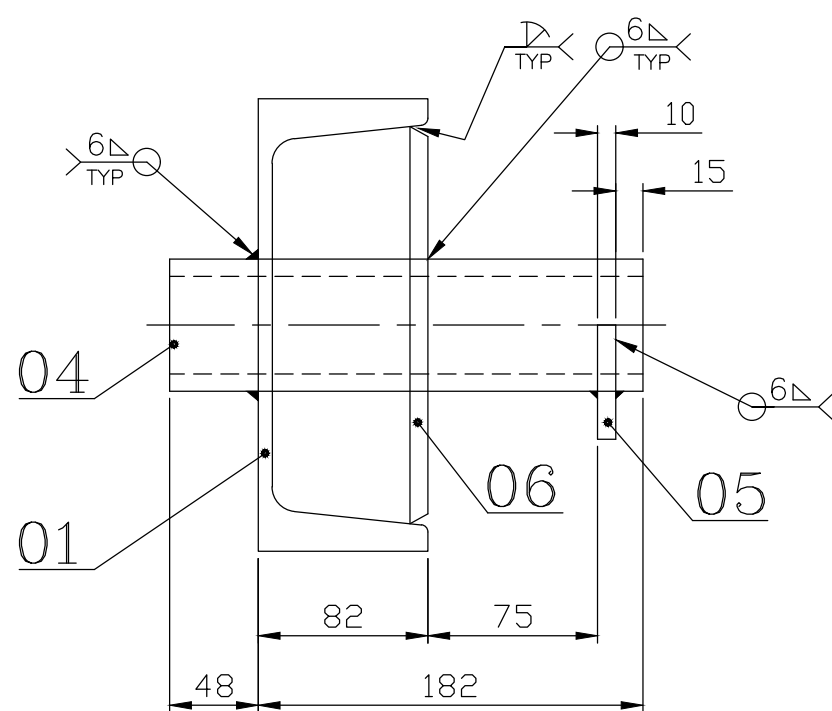
ITEM NUMBER	DESCRIPTION	STD	DRAWING NUMBER	ITEM NO	MATERIAL CODE	UNIT	UNIT WEIGHT	QTY	ZONE
17	ACRYLIC CLEAR SH 10X200X150							4	
16	SHEET 2.0 184X54			15011104000			0.156	8	
15	SHEET 2.0 234X54			15011104000			0.198	8	
14	SHEET 1.6 5500x2680			AA1011703092			185.132	1	
13	SHEET 1.6 2280X2680			AA1011703092			76.745	2	
12	SHEET 1.6 5500X2100			AA1011703092			145.060	2	
11	SHEET 1.6 5500X2680			AA1011703092			185.132	1	
10	PLATE 10 150X200			AA1011808072			3.925	4	
09	PLATE 10 125X63			AA1011808072			0.618	4	
08	TUBE DIA 73X9.53 215			150810730000			3.400	4	
07	ISA 65X65X6			ASTMA53 GRB		MR	5.800	15	
06	ISA 50X50X6			AA1012508099		MR	4.500	50	
05	ISMC 100X50 2600			AA1012708039			24.856	5	
04	ISMC 100X50 2550			AA1012708039			24.378	7	
03	ISMC 150X75 2100			AA1012708063			35.280	10	
02	ISMC 100X50 5520			AA1012708039			52.771	2	
01	ISMC 150X75 5520			AA1012708063			92.736	2	

CAUTION: The information on this drawing is the property of BHARAT HEAVY ELECTRICALS LTD. It must not be used directly or indirectly in any way detrimental to the interest of the company.		TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT		BHARAT HEAVY ELECTRICALS Ltd UNIT: BOILER AUXILIARIES PLANT RANIPET - 632406		DIN	NAME PRASANTA	SIGNATURE	DATE 14.09.18	NO. OF VAR
DEPT	ST	GRADE OF UNITS DIM C/M/F	SCALE	WEIGHT (Kg)	REF TO ASSY / OLD DWG	ITEM NO	NO OF ITEMS			
CODE 122			N.T.S	2099.218	1-35-390-30656					
TITLE					DRAWING NO :		REV			
STEEL CRATES (5500x2700x2350)					1-52-220-03133		05			

ALL DIMENSIONS ARE IN MILLIMETERS

ELEVATION

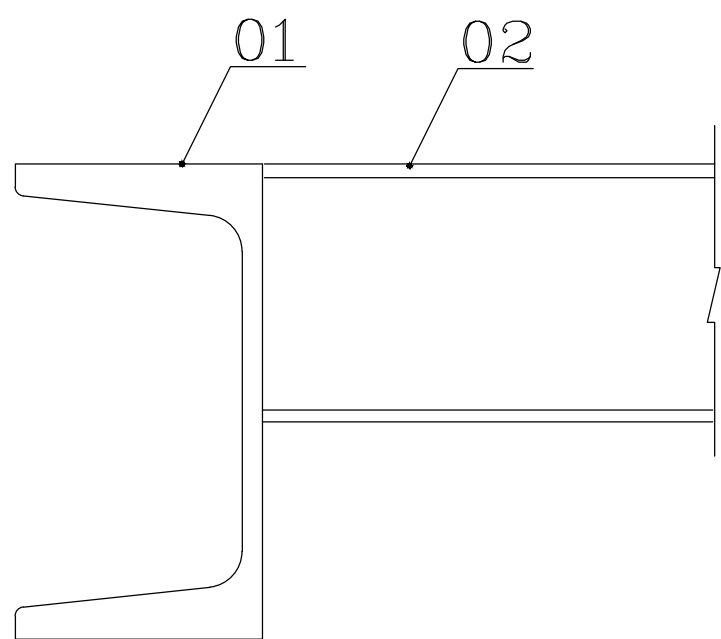
SECTION-AA



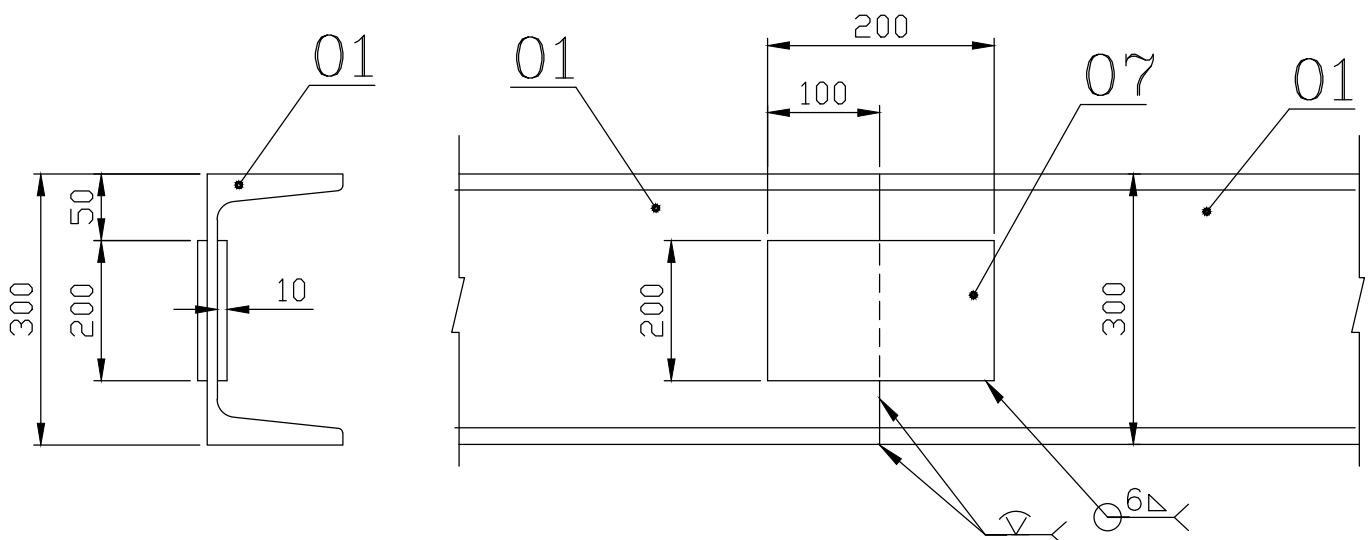
DETAIL-D1

NOTES :-

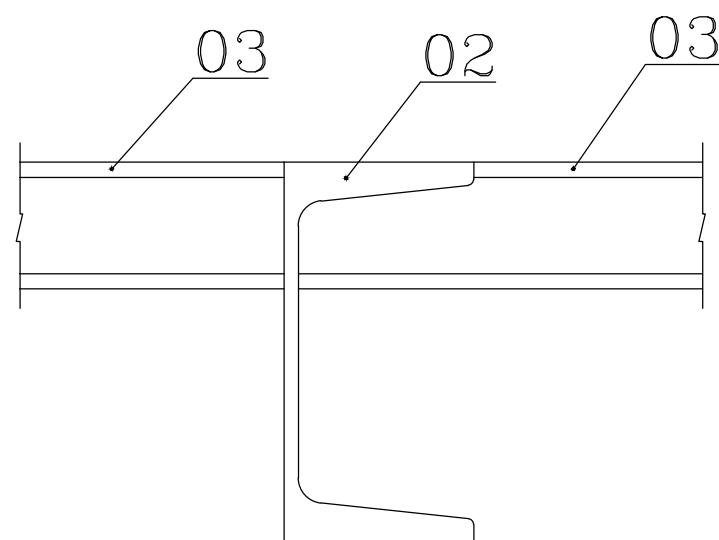
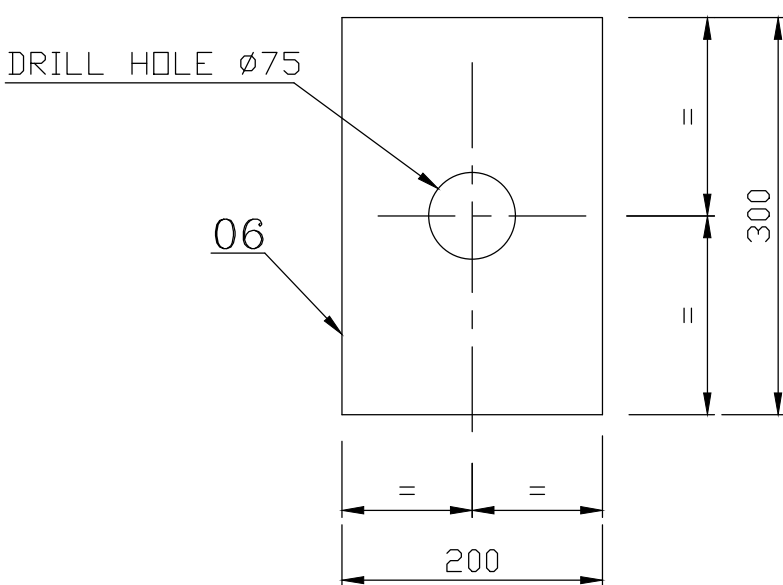
- 1) MATERIALS, WELDS AND OTHER REQUIREMENTS ARE GIVEN PER FRAME ONLY
- 2) MANUFACTURING REQUIREMENTS SHALL BE DONE AS PER RELEVANT Q.C.P.
- 3) ADOPT THE FOLLOWING WELDS WHEREVER NOT SPECIFIED
ISM 200 – 5 FILLET, ISM 250,300,400 – 6 FILLET
- 4) ALL THE LEVELS INDICATED IN THIS DRG. REPRESENTS THE
TOP OF STEEL UNLESS OTHERWISE NOTED
- 5) ENDS OF INDIVIDUAL MEMBERS ARE TO BE CUT TO SUIT THE OPPOSITE
PROFILES.
- 6) PAINTING AREA : 75 Sq.Metre
- 7) FOR PRODUCTION NOTES REFER DRAWING NO. 3-35-110-00995.
- 8) WELDING OF INDIVIDUAL MEMBERS ARE AS FOLLOWS UNLESS NOTED
OTHERWISE -4t
- 9) THE MAXIMUM BOX CAPACITY IS 25.0 METRIC TONS.(NET)
- 10) ITEM NO. 03 & 06 ARE SUITABLY CUT AT SHOP.



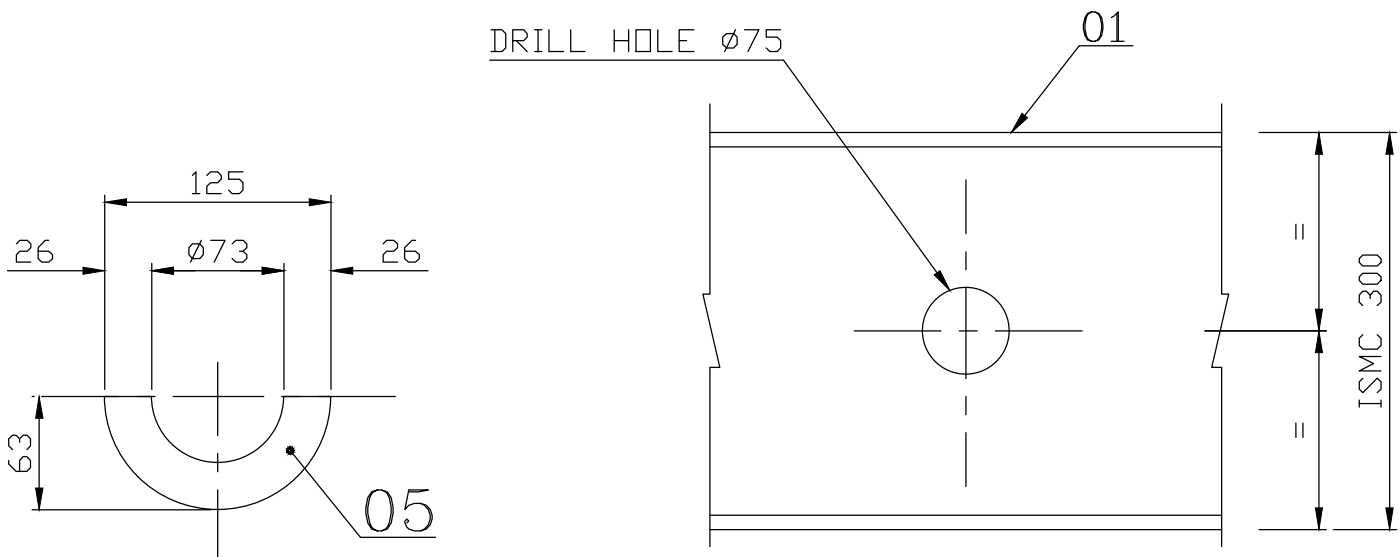
SECTION-CC



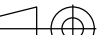
TYPICAL JOINT DETAIL



SECTION-BB



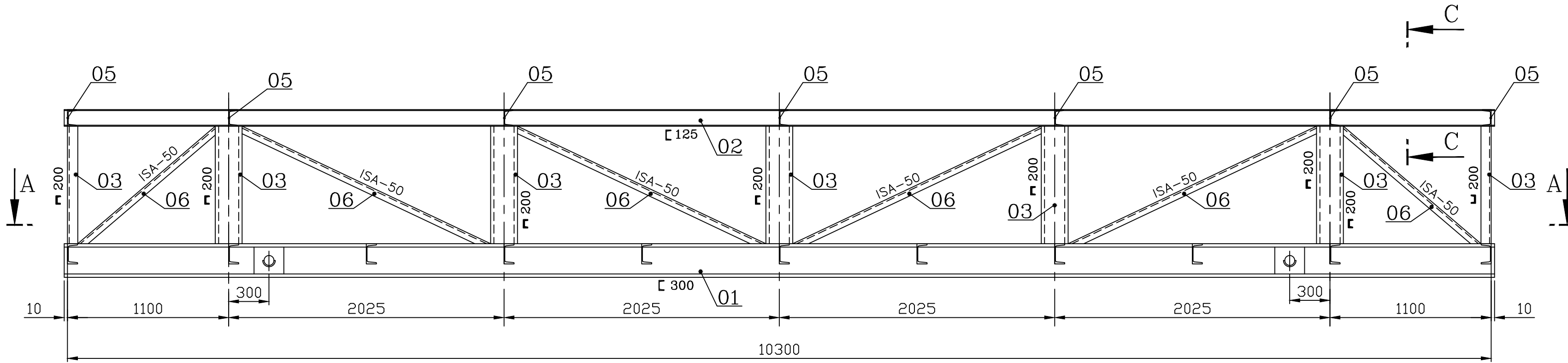
	07	PLATE 10 200x200					AA1011808072						3.140							
							IS2062Fe410A						10							
	06	PLATE 10 300x200					AA1011808072						4.710							
							IS2062Fe410A						4							
	05	PLATE 10 125x63					AA1011808072						0.618							
							IS2062Fe410A						4							
	04	TUBE DIA 73x9.53 230					150810730000						3.430							
							ASTMA53 GRB						4							
	03	ISA 50X50X6					AA1012508080			MR			4.500							
							IS2062Fe410A						24							
	02	ISM 200X75 2120					AA1012708101						47.276							
							IS2062Fe410A						9							
	01	ISM 300X90 9020					AA1012708179						327.426							
							IS2062Fe410A						2							
VARIANT NUMBER	ITEM NUMBER	DESCRIPTION	STD	DRAWING NUMBER	ITEM NO	MATERIAL CODE	A/C	UNIT	N/D	UNIT WEIGHT	G/S	ZONE								
					VAR NO	MATERIAL SPECN				QUANTITY										

CAUTION: The information on this document is the property of BHARAT HEAVY ELECTRICALS LTD. It must not be copied, reproduced or in any way detrimental to the interest of the company.	TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT									
	 Bharat Heavy Electricals Ltd UNIT: Boiler Auxiliaries Plant Ranipet - 632406									
	DRN		NAME UDAYARMAN		SIGNATURE		DATE 03.09.18		NO. OF VAR	
	CHD		RAJESWARI				03.09.18			
	APPD		C GANESH				03.09.18			
DEPT AQCS	GRADE OF UNTO. DIM C/M/F			SCALE	WEIGHT (Kg)	REF TO ASSY / OLD DWG		ITEM NO	No of ITEMS	
CODE 862		NTS		---		---				
TITLE					CARD CODE	DRAWING NO :			REV	
STEEL CRATES-BASE FRAME (9000x2500)					U 01	1-TS-000-01080			0	

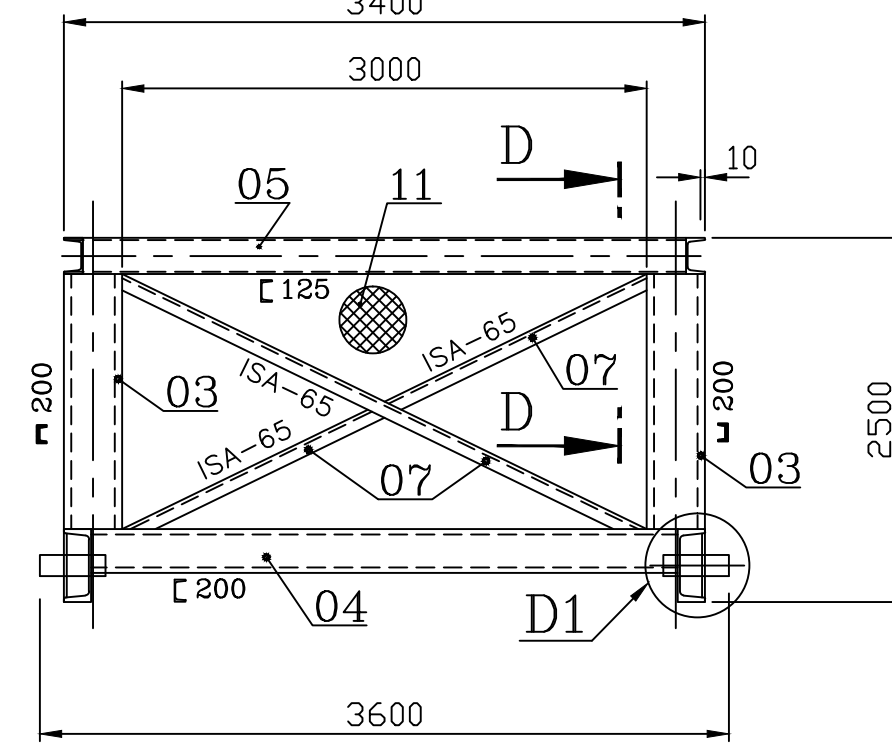
REV 01	DATE	ALTERED :
		CHECKED :
ZONE		

1-79-000-07045
DRAWING NO.

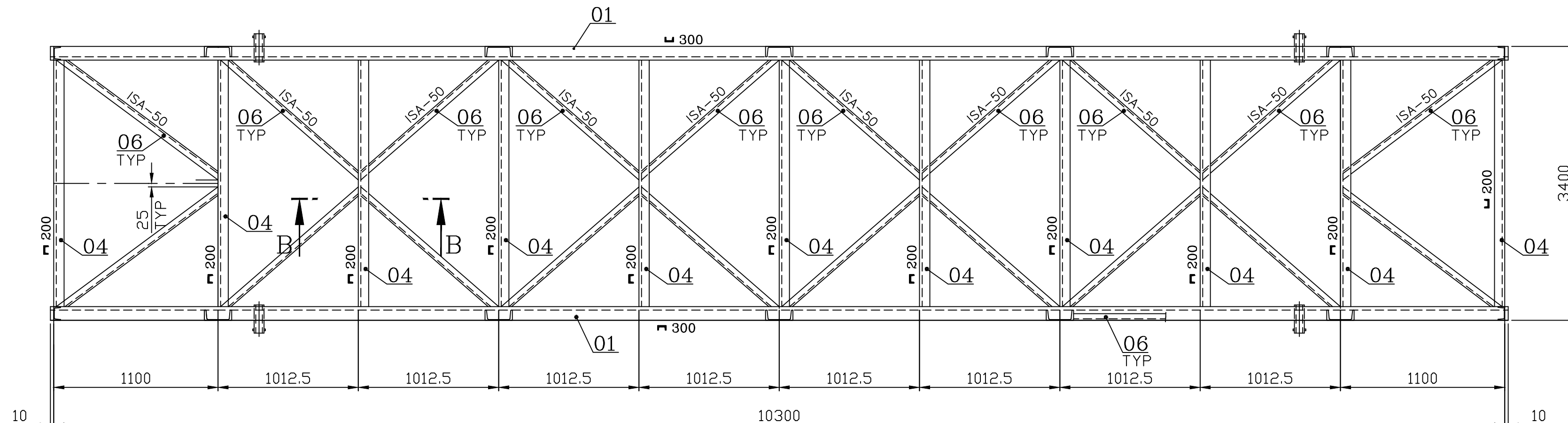
ALL DIMENSIONS ARE IN MILLIMETERS



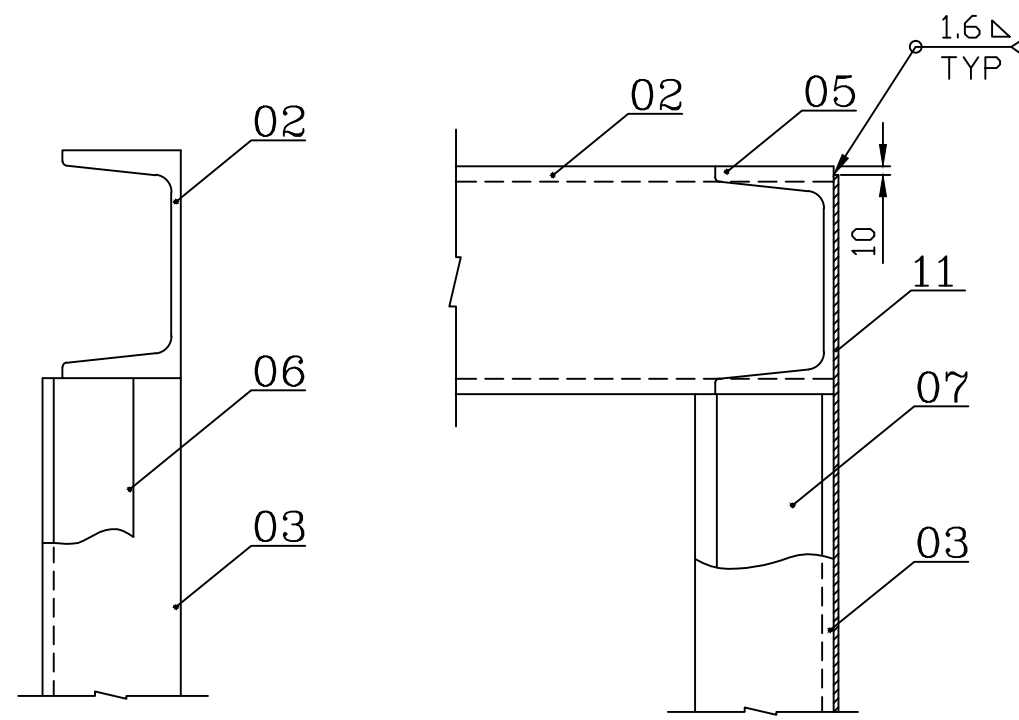
ELEVATION



SIDE VIEW

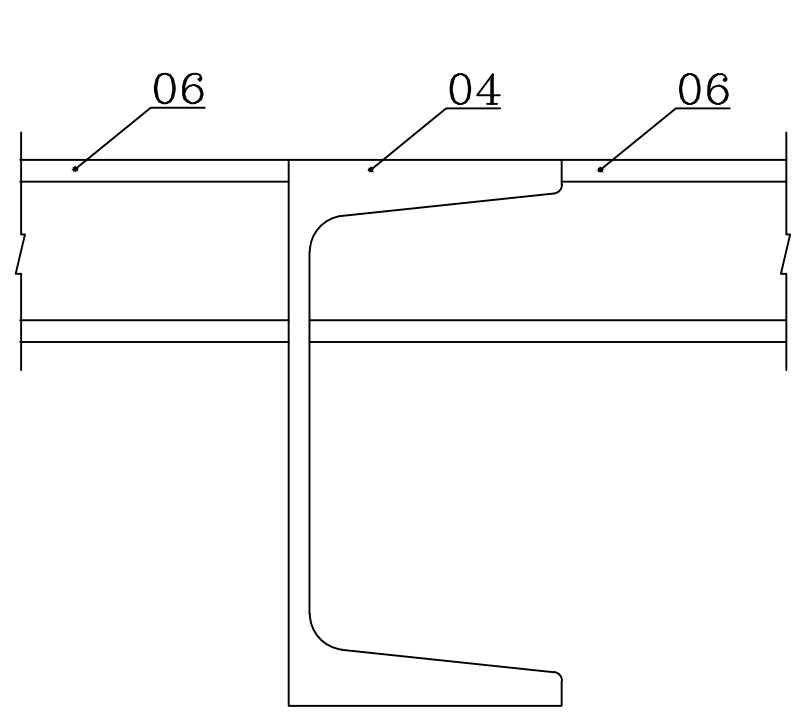


SECTION-AA

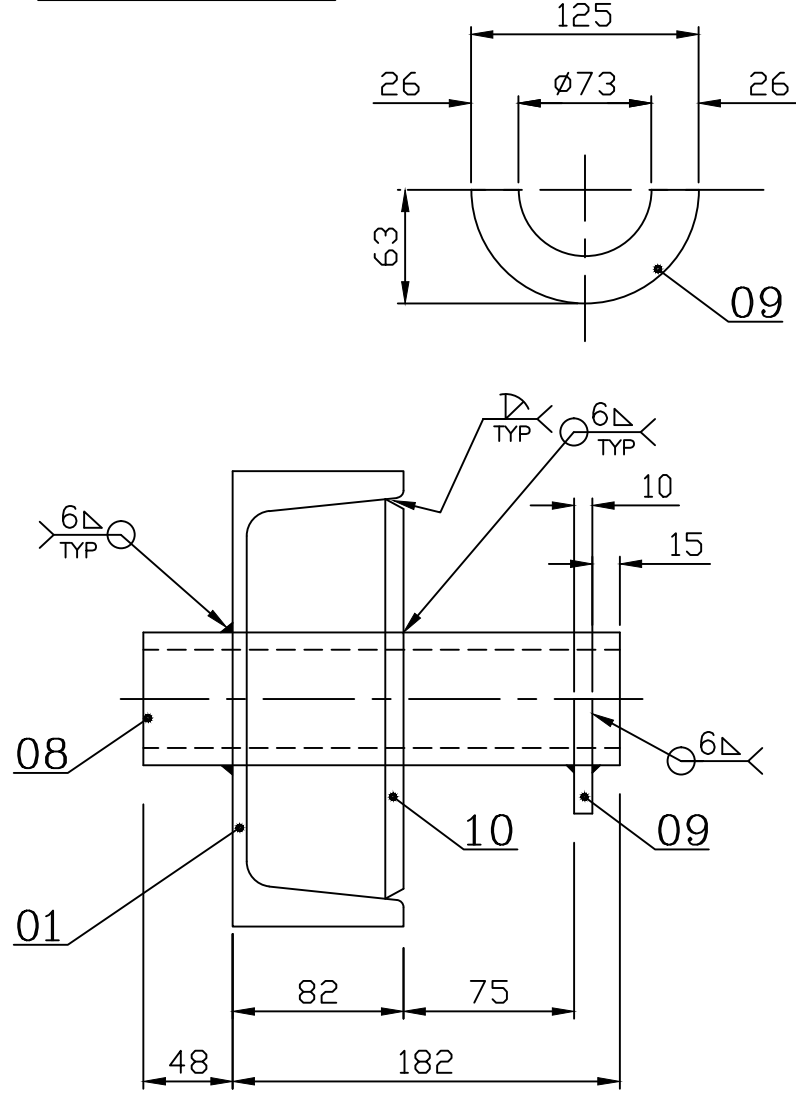


SECTION-CC

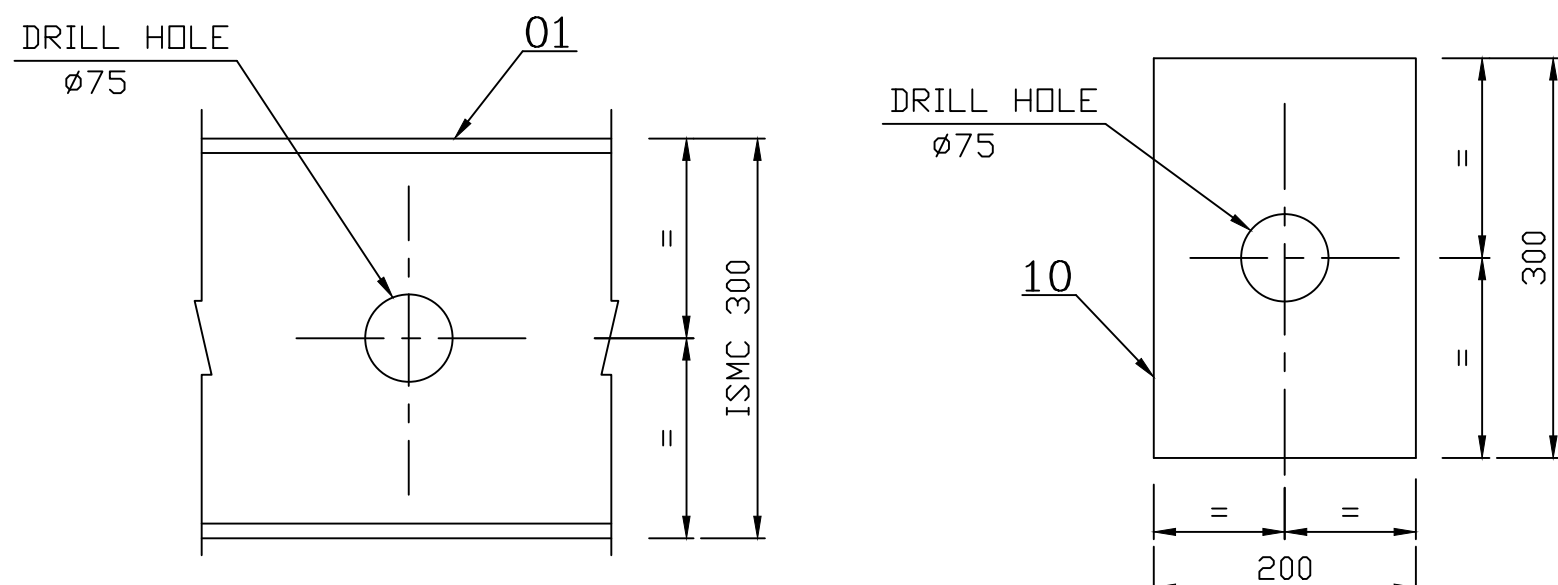
SECTION-DD



SECTION-BB



DETAIL-D1



NOTES:

- 1) MATERIALS, WELDS AND OTHER REQUIREMENTS ARE GIVEN PER BOX ONLY
- 2) MANUFACTURING REQUIREMENTS SHALL BE DONE AS PER RELEVANT Q.C.P.
- 3) ADOPT THE FOLLOWING WELDS WHEREVER NOT SPECIFIED
ISMC 200 - 5 FILLET, ISMC 250,300,400 - 6 FILLET
- 4) ALL THE LEVELS INDICATED IN THIS DRG. REPRESENTS THE TOP OF STEEL UNLESS OTHERWISE NOTED
- 5) ENDS OF INDIVIDUAL MEMBERS ARE TO BE CUT TO SUIT THE OPPOSITE PROFILES.
- 6) PAINTING AREA : 300 Sq.Metre
- 7) FOR PRODUCTION NOTES REFER DRAWING NO. 3-35-110-00995.
- 8) WELDING OF INDIVIDUAL MEMBERS ARE AS FOLLOWS UNLESS NOTED OTHERWISE -4b
- 9) THE MAXIMUM BOX CAPACITY IS 25.0 METRIC TONS.(NET)
- 10) ITEM NO.10 SUITABLY CUT AT SHOP.
- 11) ITEM NO. 06 & 07 ARE ISSUED IN RMS, AND SUITABLY CUT AT SHOP.
- 12) ITEM NO. 05 SEVEN NOS. ARE TACK WELD AT FIRST, AFTER LOADING THE BOX, FULL WELD AT SHOP. FULL WELD AT SHOP.
- 13) ITEM Nos. 14,15,16 & 17 ARE FULL WELD AT SHOP AFTER LOADING THE BOX. WHILE SENDING THE BOX TO SHOP, THESE ITEMS ARE TO BE SENT IN LOOSE PIECE SEPARATELY PLACING UNDER THE BOX.
- 14) NO JOINT IS ALLOWED IN ITEM NO: 13, WHICH COVERS BOTH THE ENDS OF THE BOX.
- 15) ACRYLIC CLEAR SHEET WITH PERIPHERAL RUBBER PACKING.
- 16) SEALANT MUST BE APPLIED TO STICK WITH STEEL FRAME AND NOT TO PERMIT WATER ENTRY.

11	SHEET 1.6 3380X2380			15011076 IS1079 Fe330		101.037 2	
10	PLATE 10 300x200			15211098 IS2062Fe410A		4.710 4	
09	PLATE 10 125x63			15211098 IS2062Fe410A		0.618 4	
08	TUBE DIA 73x9.53 230			15182041 IS106GrB		3.632 4	
07	ISA 65X65X6			15013159 IS2062Fe410A	MR	5.800 15	
06	ISA 50X50X6			15013156 IS2062Fe410A	MR	4.500 110	
05	ISMC 125X65 3270			15010002 IS2062Fe410A		42.837 7	
04	ISMC 200X75 3220			15010038 IS2062Fe410A		71.806 11	
03	ISMC 200X75 2075			15010038 IS2062Fe410A		46.272 14	
02	ISMC 125X65 10320			15010002 IS2062Fe410A		135.192 2	
01	ISMC 300X90 10320			15010006 IS2062Fe410A		374.616 2	

REV 01 DATE 01.01.19 TOTAL WEIGHT ADDED		DATE 01.01.19 ALTERED : K.VENKAT CHECKED : C.GANESH		TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT		Bharat Heavy Electricals Ltd UNIT: BOILER AUXILIARIES PLANT. RANIPET - 632 406.		DRN C.GANESH 01.12.18		NAME EOL/PARASU 01.12.18		SIGNATURE C.GANESH 01.12.18		DATE 01.12.18		NO. OF VAR					
DEPT AQCS CODE 862		GRADE OF UNTOOL DIM C/M/F		SCALE NTS		WEIGHT (Kg) 3577.063		REF TO ASSY / OLD DWG		ITEM NO		No. OF ITEMS		TITLE STEEL BOX (10500x3600x2500)		CARD CODE U 01		DRAWING NO : 1-79-000-07045		REV 01	