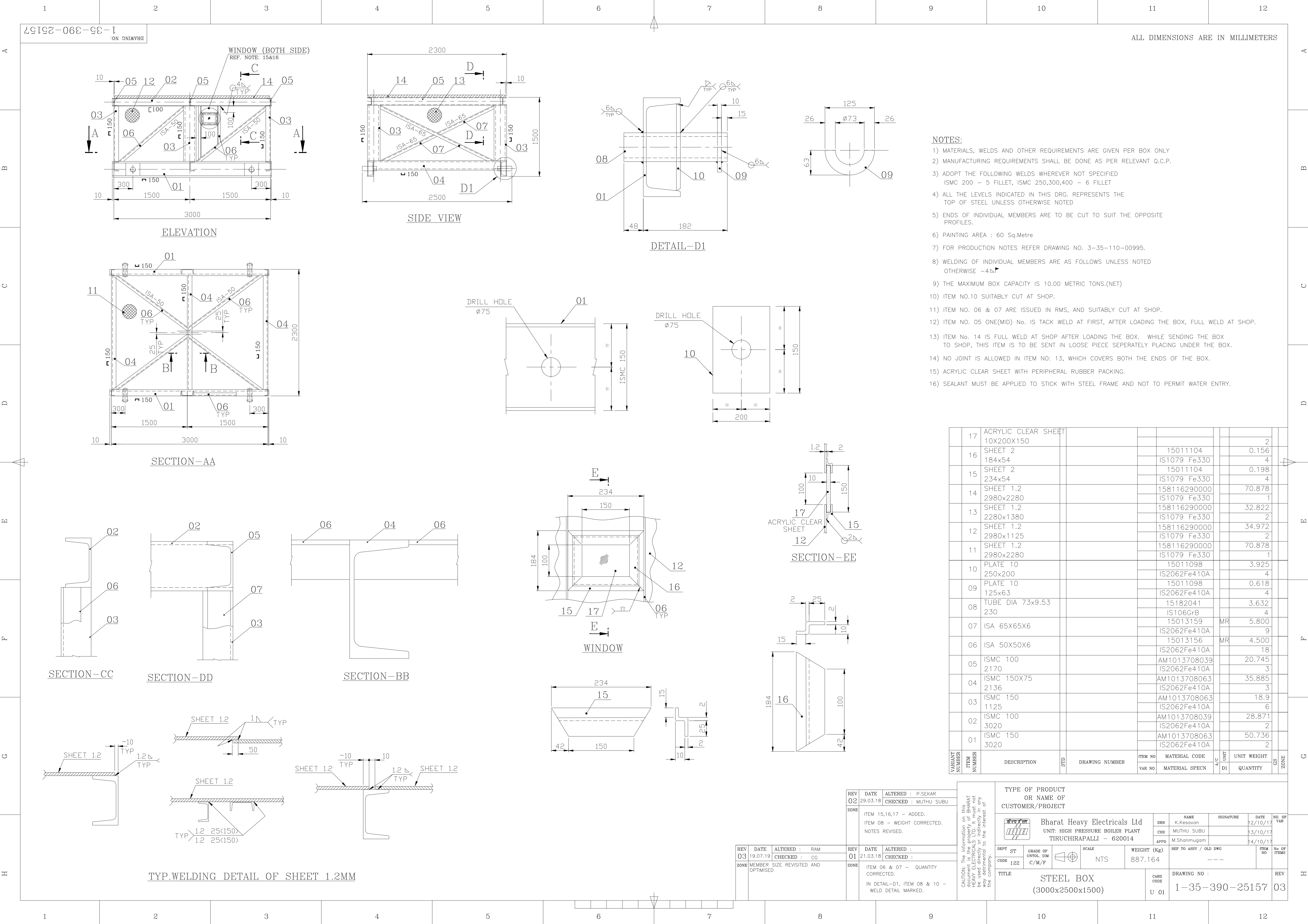
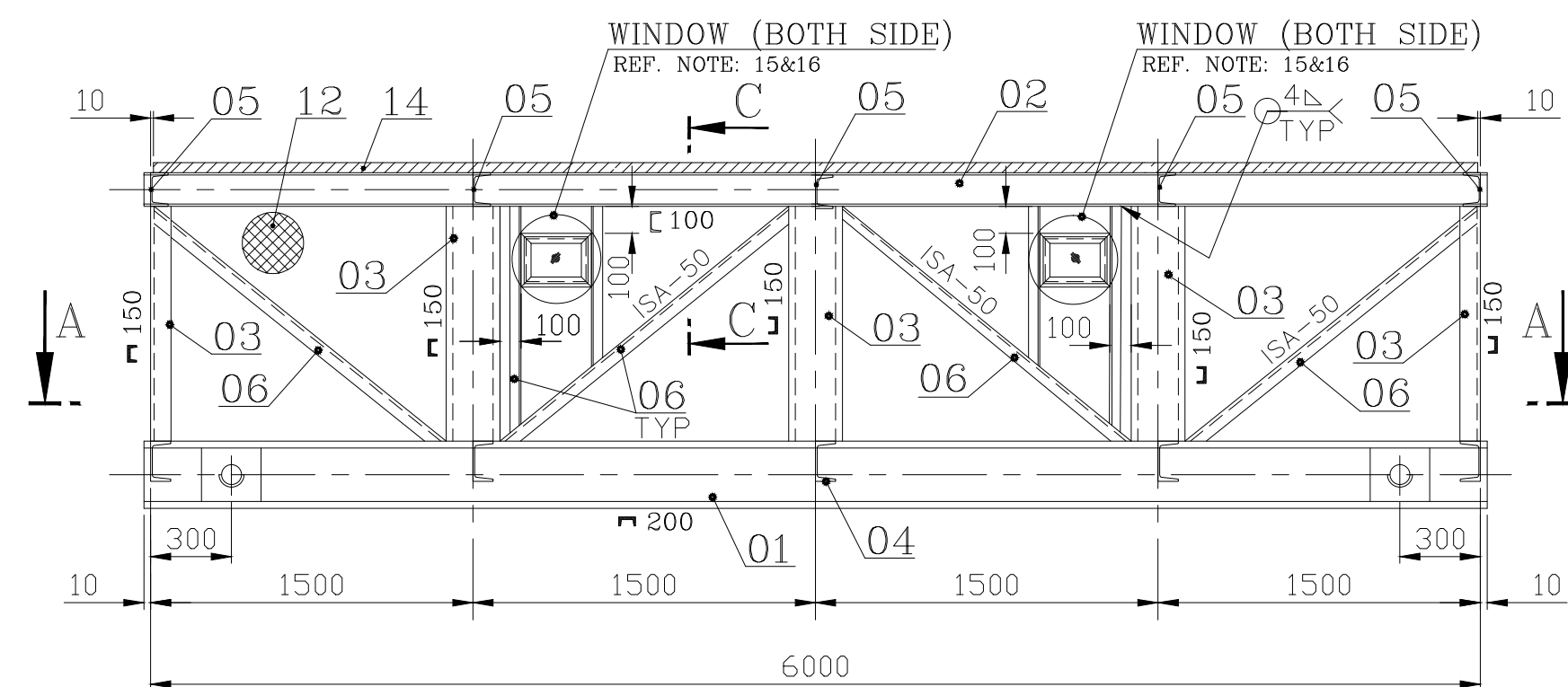
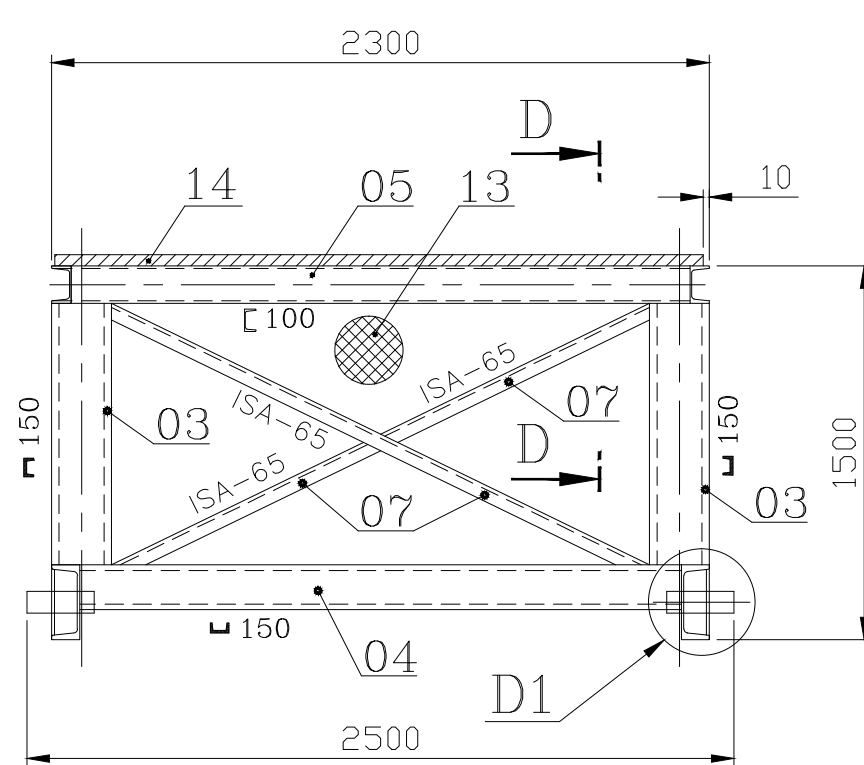


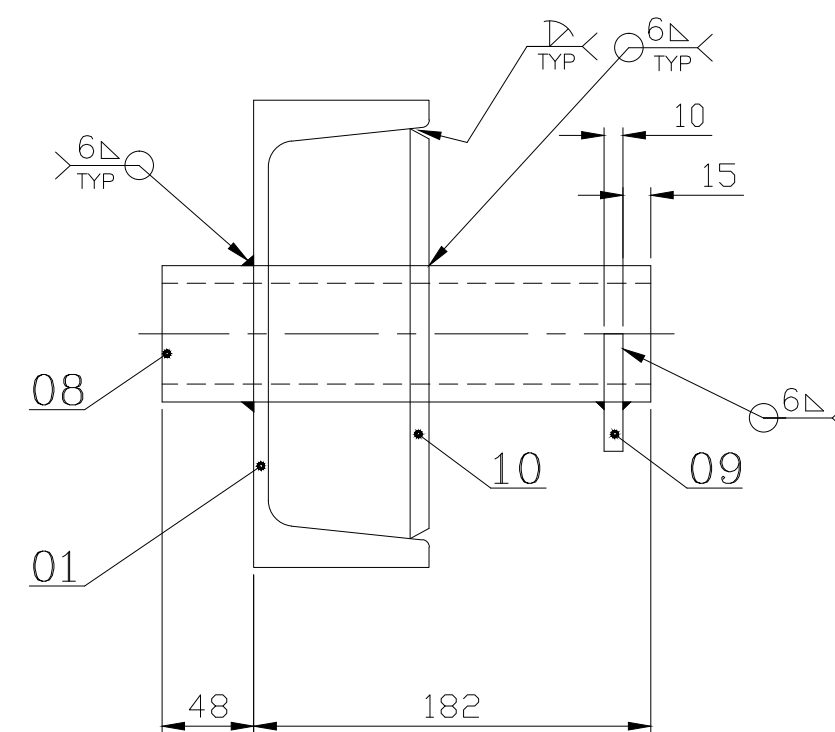




ELEVATION

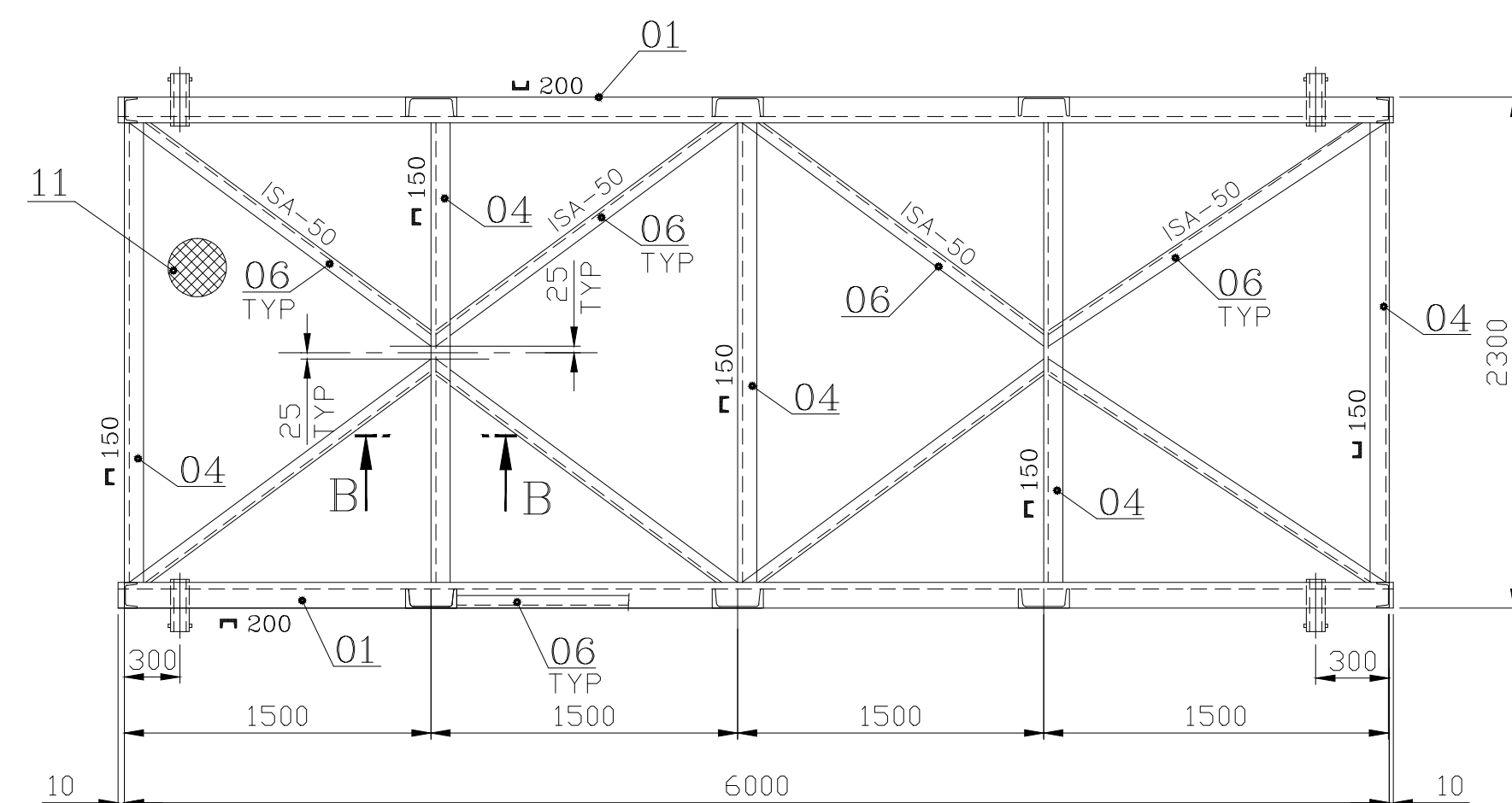


SIDE VIEW

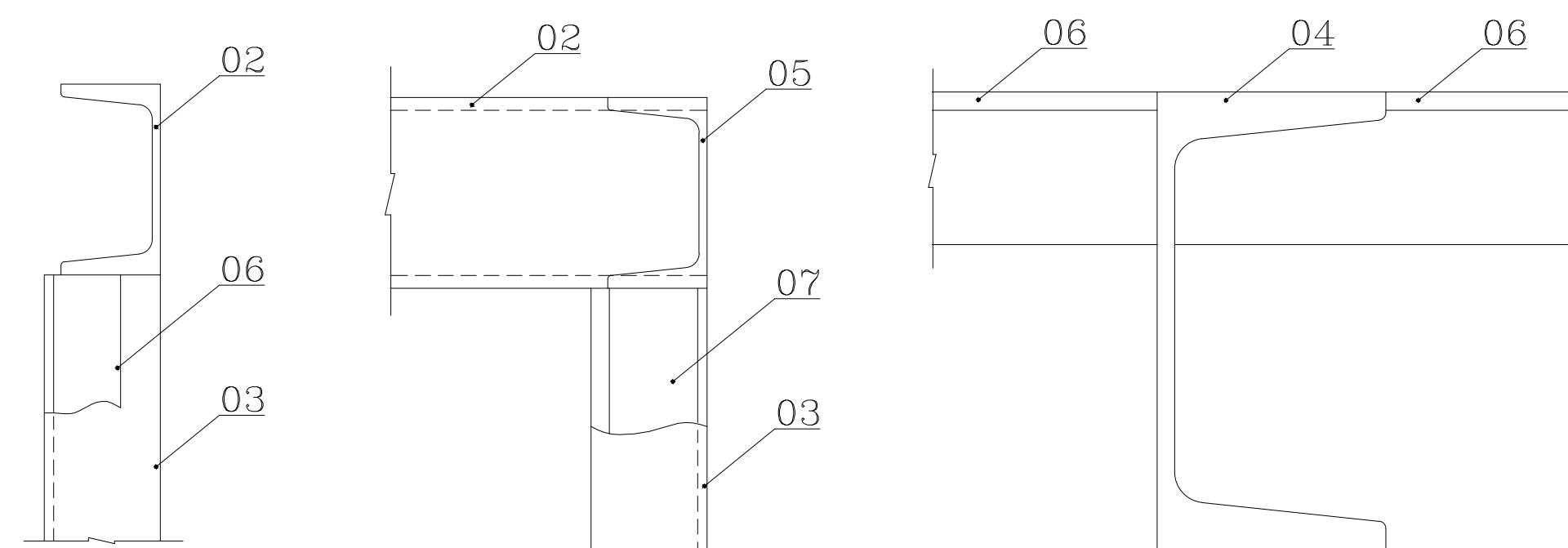
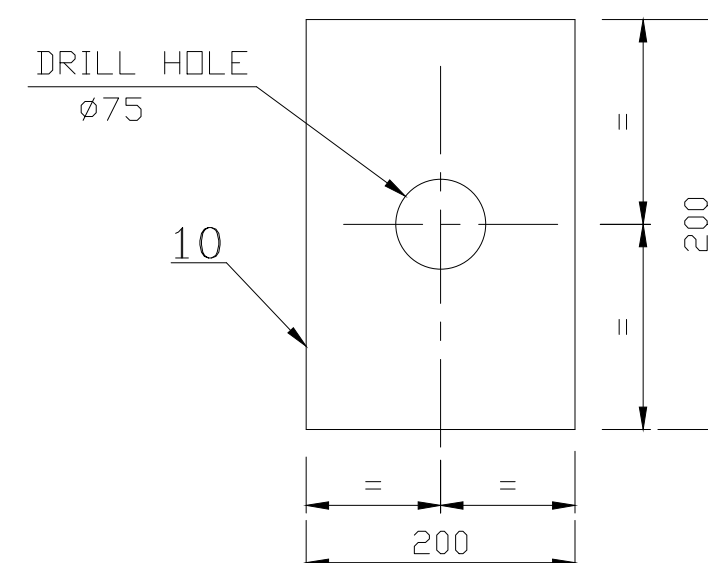
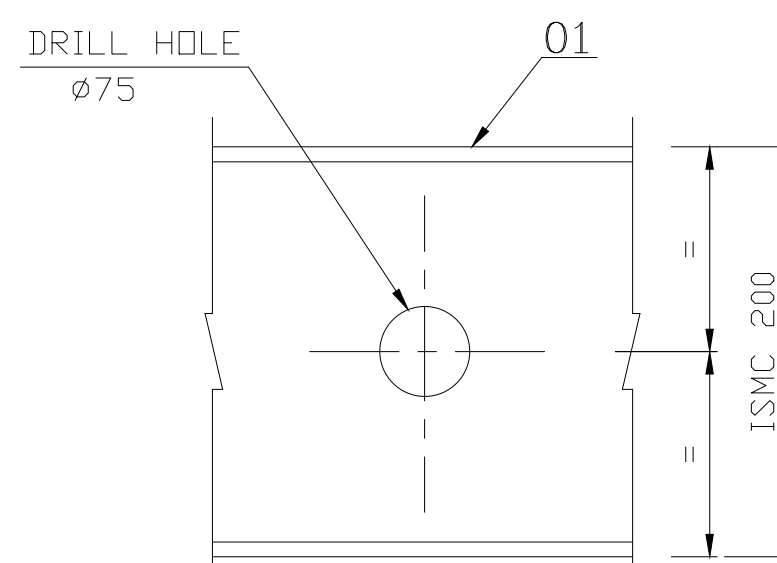


DETAIL-D

- 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 : 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 –4.5.1
 - 9) THE MAXIMUM BOX CAPACITY IS 20.0 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 SEPERATELY 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.



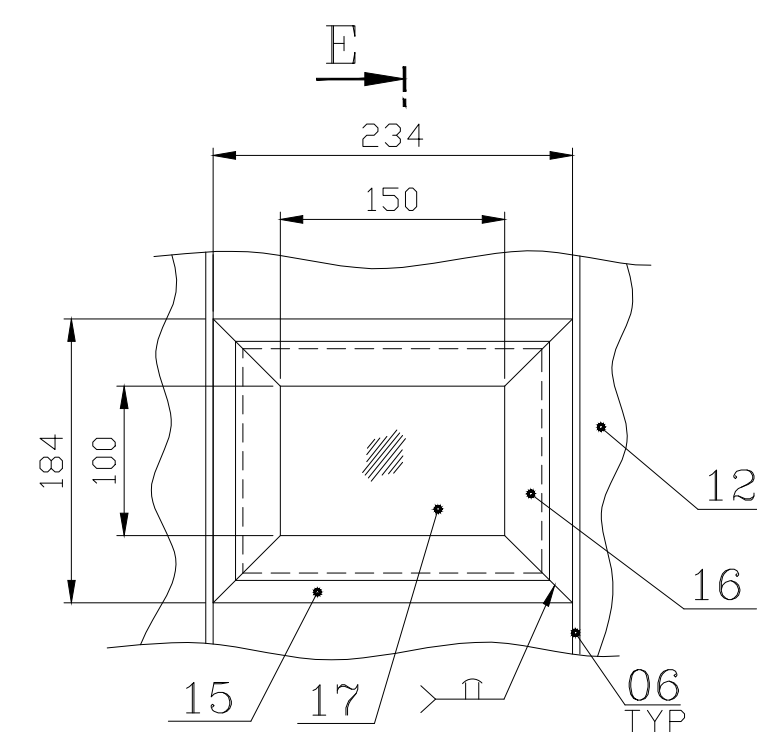
SECTION-AA



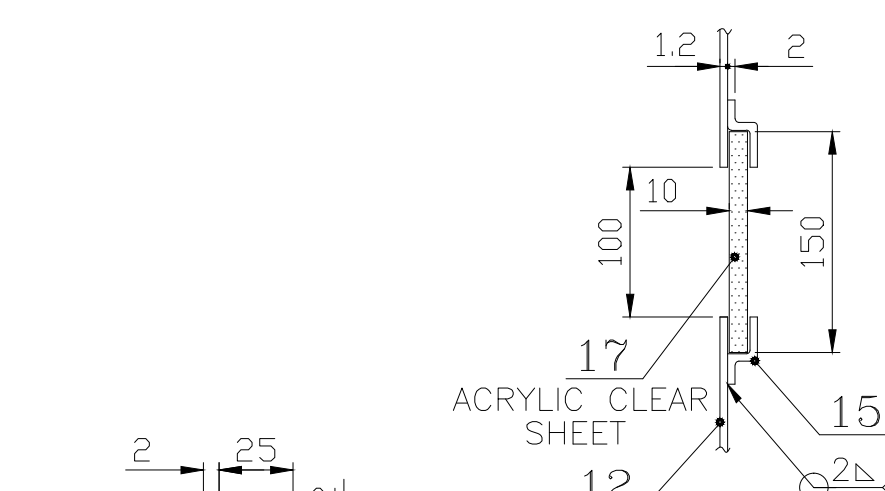
SECTION-CO

SECTION-DI

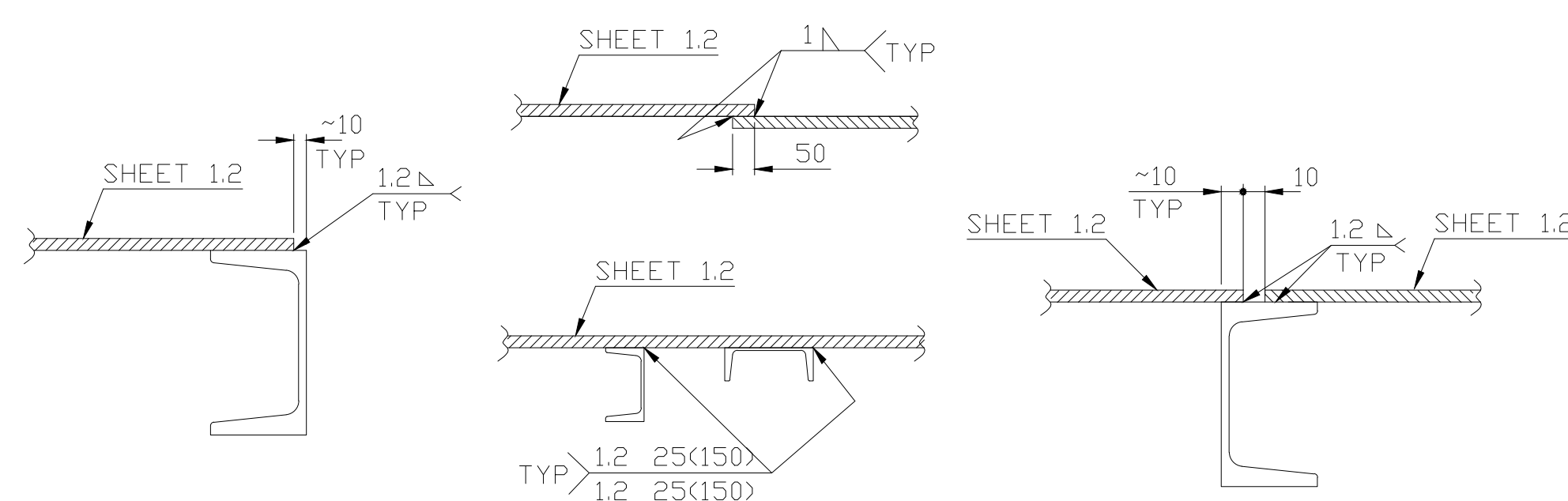
SECTION-BF



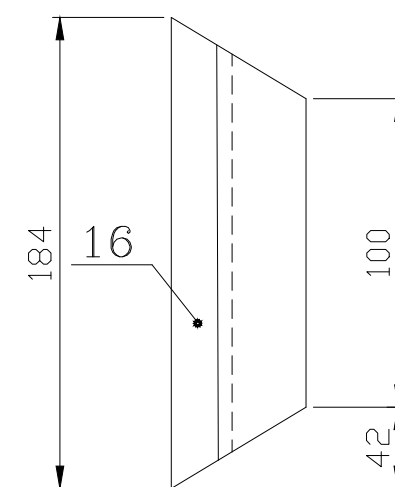
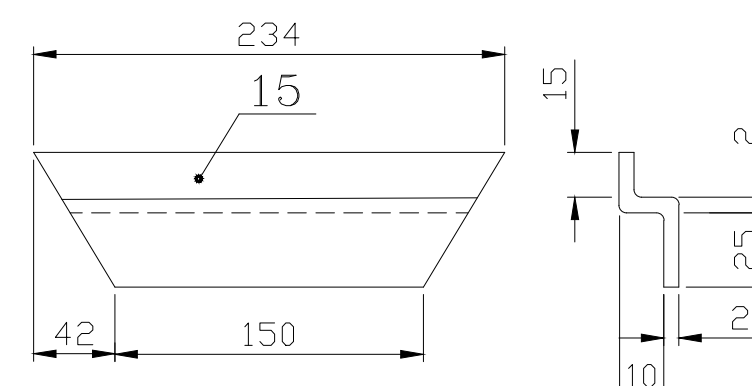
WINDOW



SECTION—EF



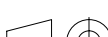
TYP. WELDING DETAIL OF SHEET 1.2MM

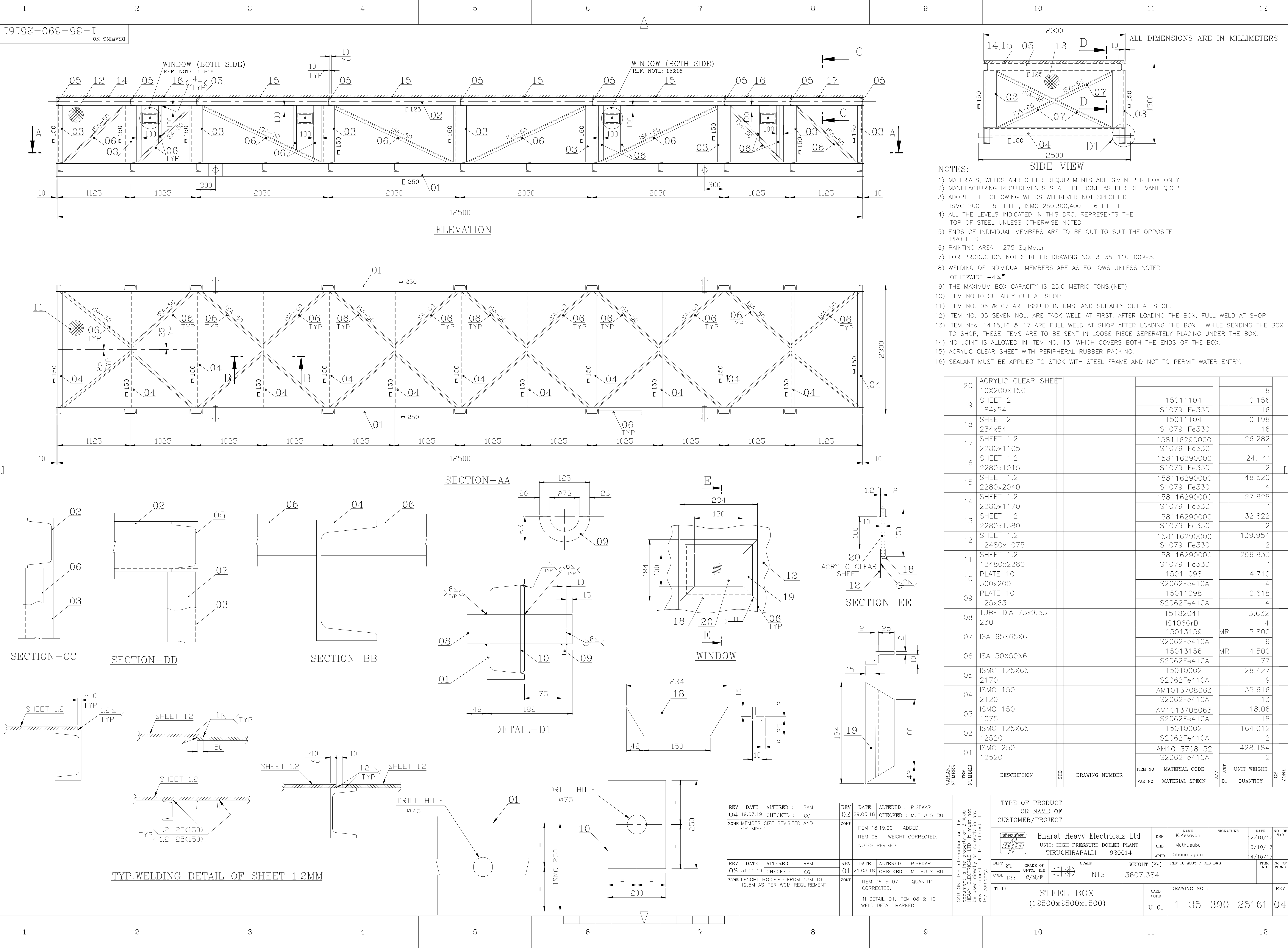


REV 03	DATE 19.07.19	ALTERED : CHECKED : CG	RAM
ZONE	MEMBER SIZE REVISED AND OPTIMISED		

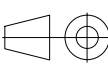
REV 01	DATE 21.03.18	ALTERED : CHECKED : MUTHU SUBU	P.SEKAR
ZONE	ITEM 06 & 07 - QUANTITY CORRECTED. IN DETAIL-D1, ITEM 08 & 10 - WELD DETAIL MARKED.		

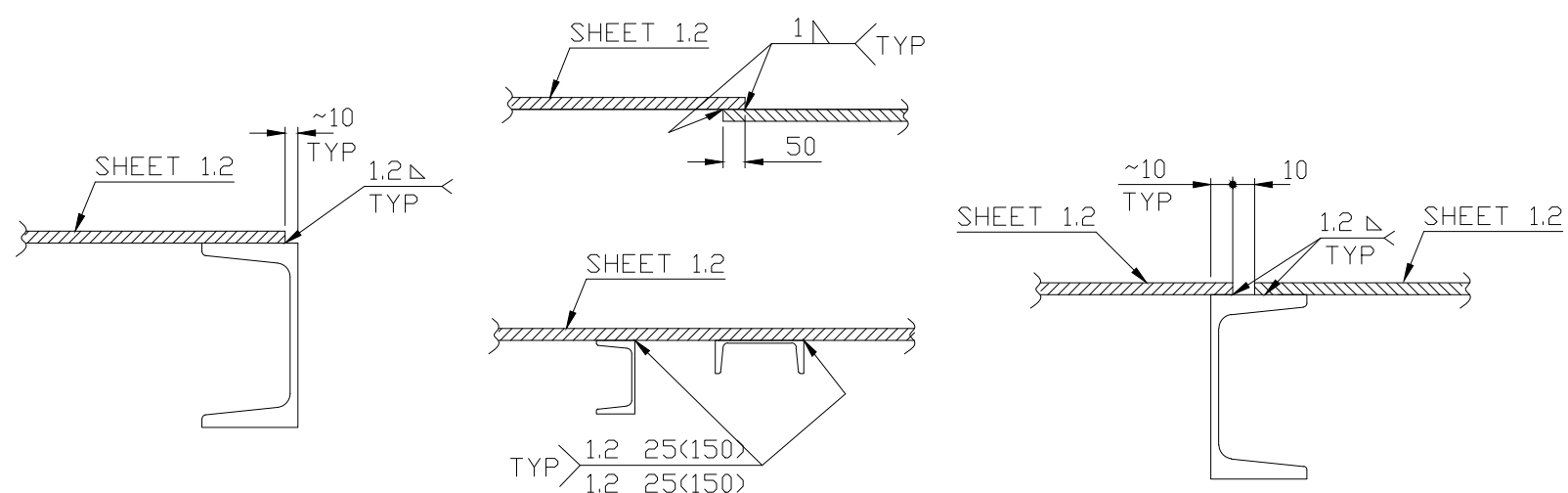
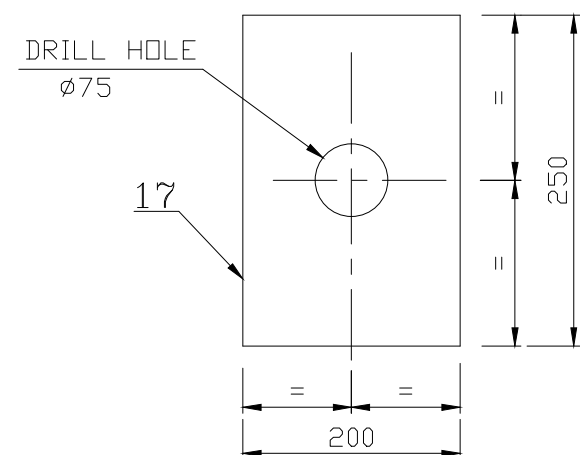
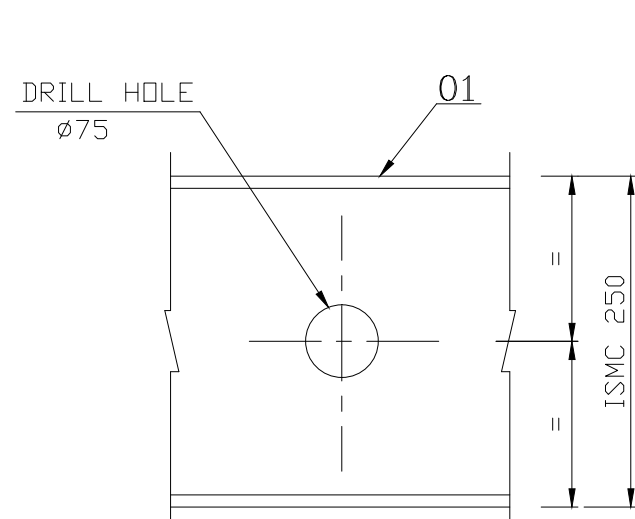
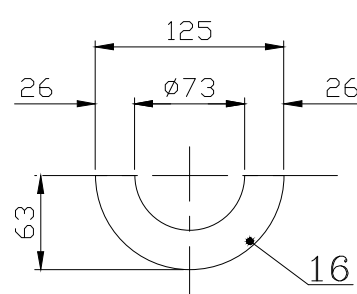
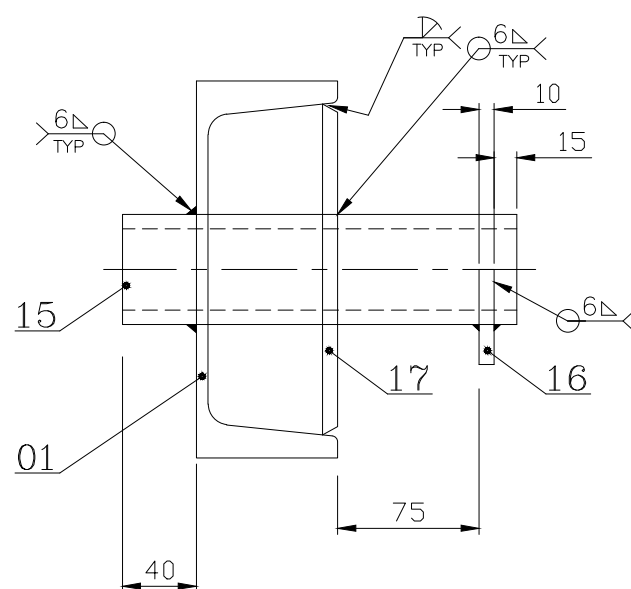
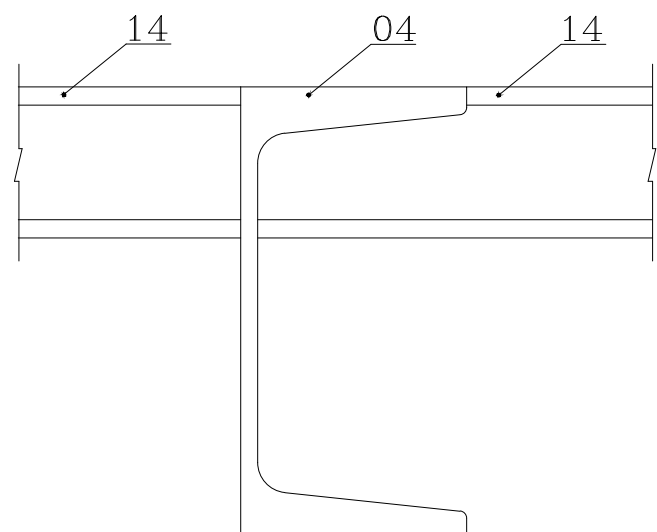
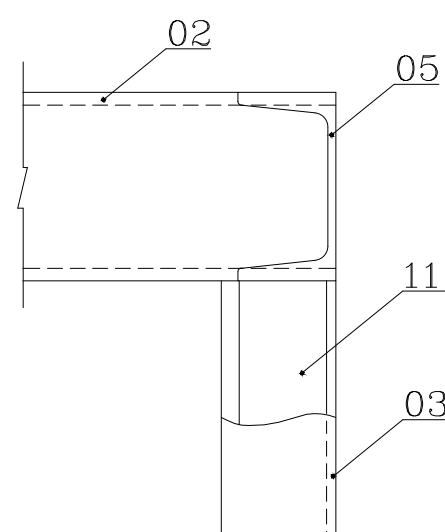
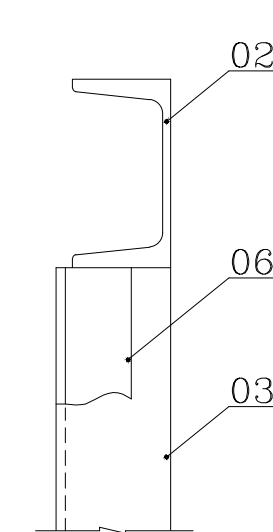
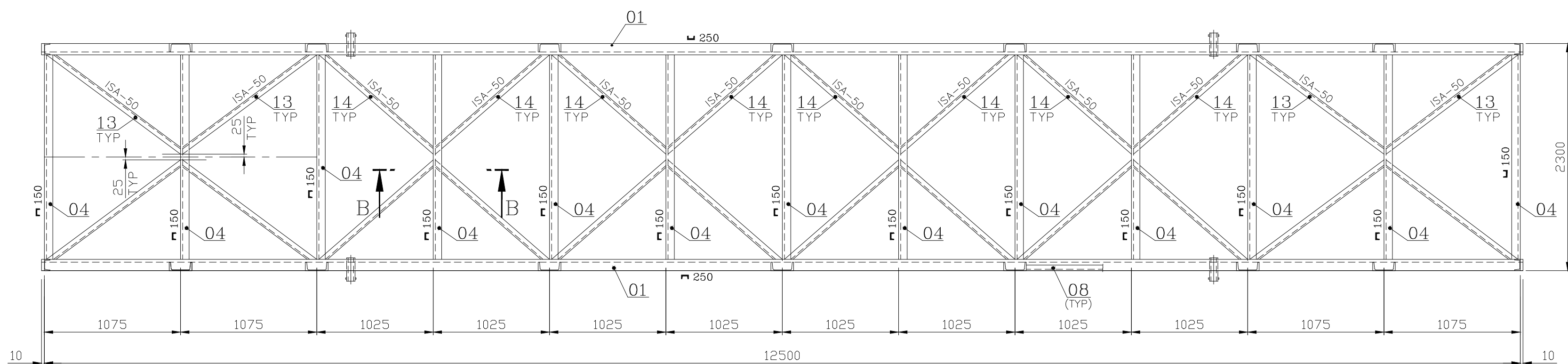
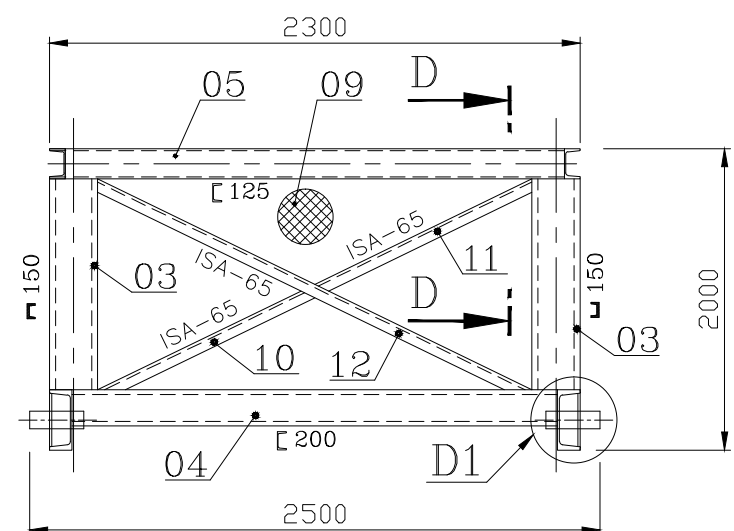
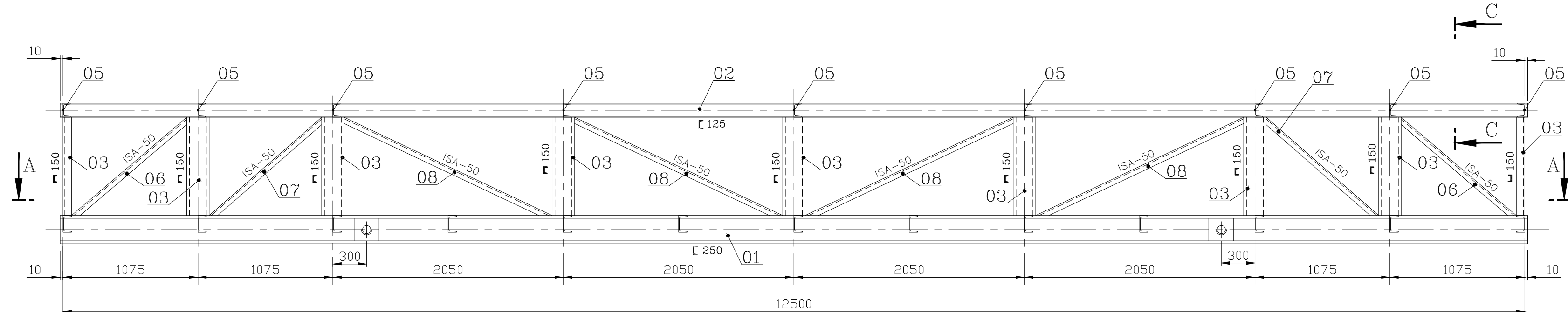
REV 02	DATE 29.03.18	ALTERED : P.SEKAR CHECKED : MUTHU SUBU
ZONE		ITEM 15,16,17 - ADDED. ITEM 08 - WEIGHT CORRECTED. NOTES REVISED.
REV 01	DATE 21.03.18	ALTERED : P.SEKAR CHECKED : MUTHU SUBU
ZONE		ITEM 06 & 07 - QUANTITY CORRECTED. IN DETAIL-01, ITEM 08 & 10 - WELD DETAIL MARKED.

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 12/10/17	NO. OF VAR	
					CHD	MUTHU SUBU		13/10/17		
					APPD	M.Shanmugam		14/10/17		
DEPT CODE	ST 122	GRADE OF UNTOLD DIM C/M/F		SCALE NTS	WEIGHT (Kg) 1600.45	REF TO ASSY / OLD DWG ---			ITEM NO	No. of ITEMS
TITLE STEEL BOX (6000x2500x1500)					CARD CODE U 01	DRAWING NO : 1-35-390-25159				REV 03



	20	ACRYLIC CLEAR SHEET 10X200X150							8	
	19	SHEET 2 184x54				15011104			0.156	
						IS1079 Fe330			16	
	18	SHEET 2 234x54				15011104			0.198	
						IS1079 Fe330			16	
	17	SHEET 1.2 2280x1105				158116290000			26.282	
						IS1079 Fe330			1	
	16	SHEET 1.2 2280x1015				158116290000			24.141	
						IS1079 Fe330			2	
	15	SHEET 1.2 2280x2040				158116290000			48.520	
						IS1079 Fe330			4	
	14	SHEET 1.2 2280x1170				158116290000			27.828	
						IS1079 Fe330			1	
	13	SHEET 1.2 2280x1380				158116290000			32.822	
						IS1079 Fe330			2	
	12	SHEET 1.2 12480x1075				158116290000			139.954	
						IS1079 Fe330			2	
	11	SHEET 1.2 12480x2280				158116290000			296.833	
						IS1079 Fe330			1	
	10	PLATE 10 300x200				15011098			4.710	
						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			77	
	05	ISM 125X65 2170				15010002			28.427	
						IS2062Fe410A			9	
	04	ISM 150 2120				AM1013708063			35.616	
						IS2062Fe410A			13	
	03	ISM 150 1075				AM1013708063			18.06	
						IS2062Fe410A			18	
	02	ISM 125X65 12520				15010002			164.012	
						IS2062Fe410A			2	
	01	ISM 250 12520				AM1013708152			428.184	
						IS2062Fe410A			2	
VARIANT NUMBER	ITEM NUMBER	DESCRIPTION	STD	DRAWING NUMBER	ITEM NO VAR NO	MATERIAL CODE MATERIAL SPECN	A/C UNIT DI	UNIT WEIGHT QUANTITY	GS	ZONE

CAUTION: The information on this drawing shall 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 12/10/17	NO. OF VAR	
							CHD	Muthusubam		13/10/17		
							APPD	Shanmugam		14/10/17		
DEPT CODE		ST 122	GRADE OF UNTOOL DIM C/M/P			SCALE NTS	WEIGHT (Kg) 3607.384	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 04	



NOTES:

- 1) MATERIALS, WELDS AND OTHER REQUIREMENTS ARE GIVEN PER CRATE 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 : 200 Sq.Metre
- 7) ITEM No. 09 TO BE PAINTED WITH GOLDEN YELLOW COLOUR AFTER PAINTING WITH RED OXIDE PRIMER –
PAINTING AREA : 9 Sq.Metre
- 8) FOR PRODUCTION NOTES REFER DRAWING NO. 3–35–110–00995.
- 9) WELDING OF INDIVIDUAL MEMBERS ARE AS FOLLOWS UNLESS NOTED
OTHERWISE – 4 
- 10) THE MAXIMUM CRATE CAPACITY IS 25.0 METRIC TONS.(NET)
- 11) ITEM No. 17 IS SUITABLY CUT AT SHOP.
- 12) ITEM No. 06 TO 14 ARE GIVEN IN FULL LENGTH. THE ENDS OF THE INDIVIDUAL MEMBERS
ARE TO BE CUT SUITABLY TO MATCH WITH OPPOSITE PROFILES AT SHOP.
- 13) ONE NUMBER OF ITEM No. 09 IS TO BE SENT IN LOOSE PIECE SEPERATELY PLACING
UNDER THE CRATE. THIS ITEM IS TO BE FULL WELDED AFTER LOADING THE CRATE.
- 14) ITEM No. 05 ARE TO BE TACK WELDED AT EQUAL DISTANCE DURING TRANSPORTATION
PURPOSE TO AVOID BUCKLING.
- 15) ITEM No. 05 ARE TO BE WELDED AFTER COMPLETION OF LOADING INSIDE THE STEEL CRATE.
- 16) NO JOINT IS ALLOWED IN ITEM No. 09, WHICH COVERS BOTH THE ENDS OF THE CRATE.
- 17) ONE NUMBER OF ITEM No. 09 TO 12 ARE TO BE WELDED AFTER COMPLETION OF LOADING
INSIDE THE STEEL CRATE. (APPLICABLE FOR ONE SIDE ONLY)

	17	PLATE 10 300X200				15211098			4.710				
						IS2062Fe410A			4				
	16	PLATE 10 125X63				15211098			0.618				
						IS2062Fe410A			4				
	15	TUBE DIA 73x9.53 230				15182041			3.632				
						IS106GrB			4				
	14	ISA 50X50X6 1456				15013156			6.522				
						IS2062Fe410A			16				
	13	ISA 50X50X6 1492				15013156			6.714				
						IS2062Fe410A			8				
	12	ISA 65X65X6 2663				15013159			15.445				
						IS2062Fe410A			2				
	11	ISA 65X65X6 1306				15013159			7.575				
						IS2062Fe410A			2				
	10	ISA 65X65X6 1367				15013159			7.929				
						IS2062Fe410A			2				
	09	SHEET 1.2 2280x1880				158116290000			44.715				
						IS1079 Fe330			2				
	08	ISA 50X50X6 2400				15013156			10.800				
						IS2062Fe410A			8				
	07	ISA 50X50X6 1724				15013156			7.758				
						IS2062Fe410A			4				
	06	ISA 50X50X6 1868				15013156			8.406				
						IS2062Fe410A			4				
	05	ISMC 125X65 2170				15010002			28.427				
						IS2062Fe410A			9				
	04	ISMC 150 2120				AM1013708063			35.616				
						IS2062Fe410A			13				
	03	ISMC 150 1575				AM1013708063			26.46				
						IS2062Fe410A			18				
	02	ISMC 125X65 12520				15010002			164.012				
						IS2062Fe410A			2				
	01	ISMC 250 12520				AM1013708152			428.184				
						IS2062Fe410A			2				
VARIANT NUMBER	ITEM NUMBER	DESCRIPTION	STD	DRAWING NUMBER	ITEM NO	MATERIAL CODE	UNIT	UNIT WEIGHT		GS	ZONE		
					VAR NO	MATERIAL SPECN	X/C D1	QUANTITY					

REV	DATE	ALTERED :	RAM
01	19.07.19	CHECKED :	CG
ZONE	MEMBER SIZE REVISITED AND OPTIMISED		

