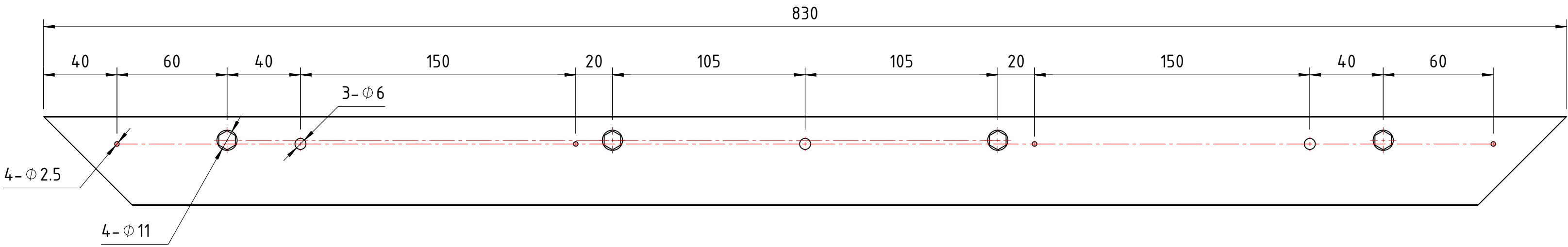
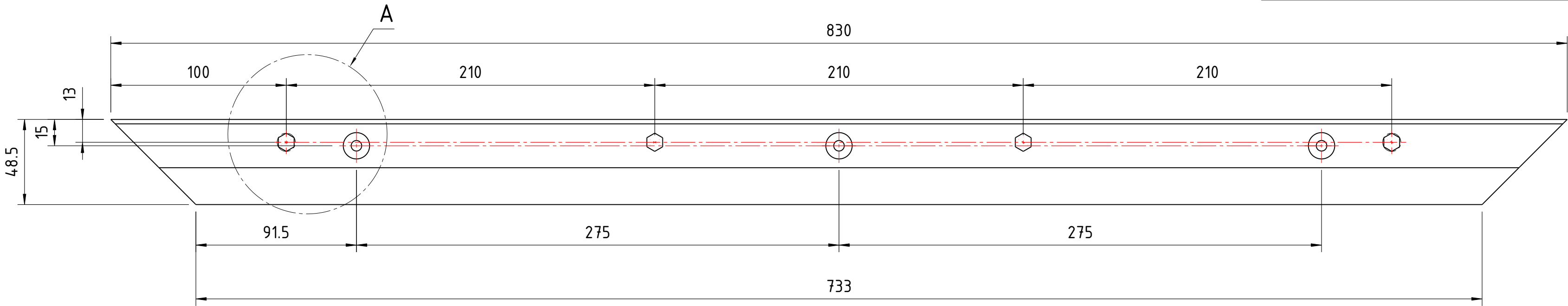


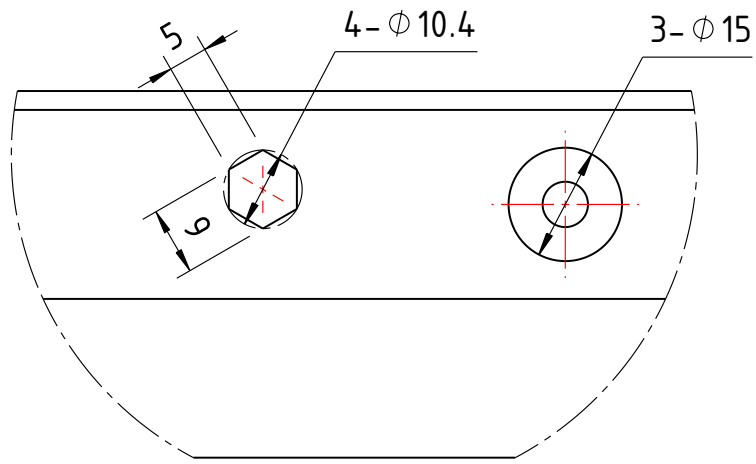
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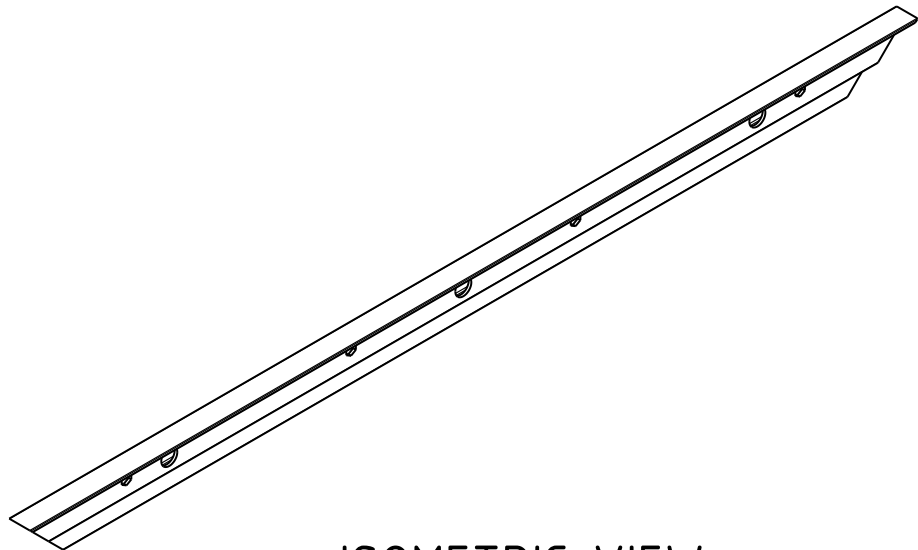
GRADE No.	VALUE	SYMBOL	SURFACE ROUGHNESS
N1	0.025	▽	
N2	0.05	▽	
N3	0.1	▽	
N4	0.2	▽	
N5	0.4	▽	
N6	0.8	▽	
N7	1.6	▽	
N8	3.2	▽	
N9	6.3	▽	
N10	12.5	▽	
N11	25	▽	
N12	50	▽	



AUXILIARY VIEW-B



DETAIL-A
2:1



ISOMETRIC VIEW

UN CONTROLLED

		843-16804		L 830mm		
SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE (mm)	COMPANY STD./I.S	Wt. (Kg)
					MATERIAL	
			PRODUCT	TRAIN B28		
			REF DRG	--		
			MATERIAL	EN AW-6063-T5, EN 755 / A6063-T5, ASTM B 221		
			HEAT TREAT.	--	APPD KRISHNA PRASAD	07.02.26
			SURFACE TREAT.	--	REVD KRISHNA PRASAD	07.02.26
			TITLE		CHKD SANTOSH KUMAR	07.02.26
					DRWN ARTI KUMARI	07.02.26
					SCALE 1:2	Wt.(kg)
					1 OF 1	0.50
ALT.No.	ECN No./CHANGES	DATE	BY	CRD	APPD	ALT
						0

ALU L-PROFILE
BANGALORE
COMPLEX

843-16150

5

4

3

2

1

MACHINING DEVIATIONS FOR LINEAR DIMENSIONS CLASS - MEDIUM	RANGE	0.5 - 3	3 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000
	TOLERANCE	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2

GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1

GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2

GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920

VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302.

WELDING SHALL BE CARRIED OUT AS PER EN 15085-3

WELDING PROCESS SHALL BE AS PER EN ISO-4063

WELDING SYMBOLS SHALL BE AS PER EN ISO-2553

WELDING POSITIONS SHALL BE AS PER EN ISO 6947

QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 5817

WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN 15085-3

INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN 15085-5

12

2760

60

440

440

440

440

440

440

5

7- Ø 5

12

15

R 0.5

1.5 THK

SECTION A-A
2:1

ISOMETRIC VIEW

UN CONTROLLED

NOTES:

1. ALL DIMENSIONS ARE IN mm.

2. REMOVE ALL SHARP EDGES & BURRS.

3.THE EXTRUSION SHALL BE ANODIXZED AS PER IS 1868 TO GRADE AC10

4. SHALL COMPLY TO TDC. NO. FPIIC/TD/074

SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE (mm)	COMPANY STD./I.S	Wt. (Kg)
		843-16803		L 2760mm		
					MATERIAL	
			PRODUCT	TRAIN B28		
			REF DRG	---		
			MATERIAL	EN AW-6063-T5, EN 755 / A6063-T5 ASTM B 221		
			HEAT TREAT.	---	APPD	KRISHNA PRASAD 17.02.26
			SURFACE TREAT.	---	REVD	KRISHNA PRASAD 17.02.26
			TITLE		CHKD	SANTOSH KUMAR 17.02.26
					DRWN	ARTI KUMARI 17.02.26
					SCALE	1:10
						1 OF 1
						0.29
ALT.No.	ECN No./CHANGES	DATE	BY	CHKD	APPD	

DRG No.

844-16110

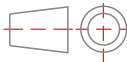
ALT

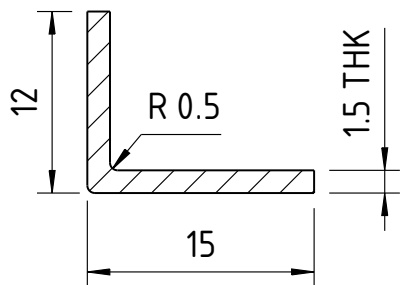
0

वी ई एम एल BANGALORE COMPLEX

BEML Beyond Possibilities

A3

		843-16803				L 2306mm		COMPANY STD./I.S		Wt. (Kg)	
SL.No.	QTY	PART / STOCK No.		DESCRIPTION		SIZE (mm)		MATERIAL			
					PRODUCT	TRAIN B28					
					REF DRG	---					
					MATERIAL	EN AW-6063-T5, EN 755 / A6063-T5 ASTM B 221					
					HEAT TREAT.	---	APPD	KRISHNA PRASAD		17.02.26	
					SURFACE TREAT.	---	REVD	KRISHNA PRASAD		17.02.26	
					TITLE	ALU L-PROFILE	CHKD	SANTOSH KUMAR		17.02.26	
							DRWN	ARTI KUMARI		17.02.26	
							SCALE		SHEET	Wt.(kg)	
							1:10		1 OF 1	0.24	
ALT.No.	ECN No./CHANGES		DATE	BY	CHKD	APPD	DRG No.		844-16116		ALT
							BANGALORE COMPLEX				



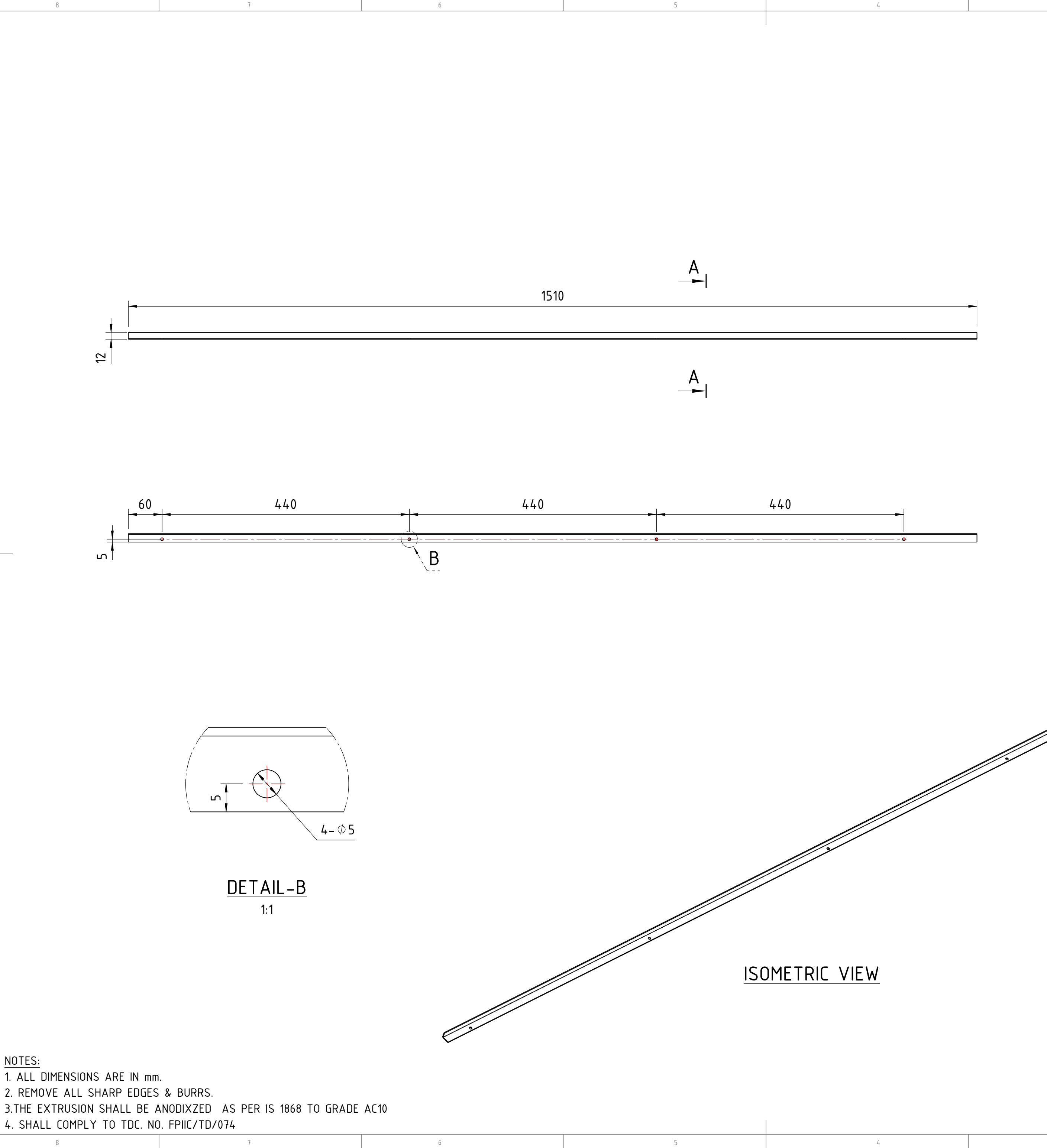
UN CONTROLLED

ALU L-PROFILE



वी ई एम एल BANGALORE
BEML COMPLEX

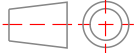
PROTO/PRODUCTION



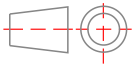
		2				1				
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS CLASS - MEDIUM	RANGE	0.5 - 3	3 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000	
	TOLERANCE	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1					GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2					
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920					VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302.					
WELDING SHALL BE CARRIED OUT AS PER EN 15085-3			WELDING PROCESS SHALL BE AS PER EN ISO-4063			STATUS: PROTO/PRODUCTION				
WELDING SYMBOLS SHALL BE AS PER EN ISO-2553			WELDING POSITIONS SHALL BE AS PER EN ISO 6947							
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 5817										
WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN 15085-3					INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN 15085-5					

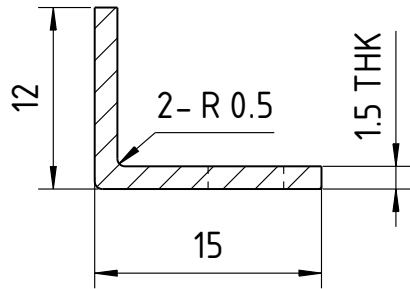
UN CONTROLLED

- NOTES:
1. ALL DIMENSIONS ARE IN mm.
 2. REMOVE ALL SHARP EDGES & BURRS.
 - 3.THE EXTRUSION SHALL BE ANODIXZED AS PER IS 1868 TO GRADE AC10
 4. SHALL COMPLY TO TDC. NO. FPIIC/TD/074

		843-16803						L 1510mm			
SL.No.	QTY	PART / STOCK No.				DESCRIPTION		SIZE (mm)	COMPANY STD./I.S	Wt. (Kg)	
									MATERIAL		
						PRODUCT	TRAIN B28				
						REF DRG	--				
						MATERIAL	EN AW-6063-T5 EN 755 / A6063-T5 ASTM B221				
						HEAT TREAT.	--	APPD	KRISHNA PRASAD	14.03.26	
						SURFACE TREAT.	--	REVD	KRISHNA PRASAD	14.03.26	
						TITLE	ALU L-PROFILE				
						CHKD	SANTOSH KUMAR	14.03.26			
							DRWN	ARTI KUMARI		14.03.26	
							SCALE		SHEET	Wt.(kg)	
							1:5		1 OF 1	0.16	
ALT.No.	ECN No./CHANGES				DATE	BY	CHKD	APPD	DRG No.		ALT
									845-16113		0
						BANGALORE COMPLEX				A2	

GRADE No.

		843-16803					L 470mm		COMPANY STD./I.S		Wt. (Kg)
SL.No.	QTY	PART / STOCK No.				DESCRIPTION		SIZE (mm)	MATERIAL		
						PRODUCT	TRAIN B28				
						REF DRG	---				
						MATERIAL	EN AW-6063-T5, EN 755 / A6063-T5 ASTM B 221				
						HEAT TREAT.	---	APPD	KRISHNA PRASAD	14.03.26	
						SURFACE TREAT.	---	REVD	KRISHNA PRASAD	14.03.26	
						TITLE	ALU L-PROFILE	CHKD	SANTOSH KUMAR	14.03.26	
								DRWN	ARTI KUMARI	14.03.26	
								SCALE		SHEET	Wt.(kg)
							1:2		1 OF 1	0.05	
ALT.No.	ECN No./CHANGES				DATE	BY	CHKD	APPD	DRG No.		ALT
									845-16114		
								BANGALORE			
								COMPLEX			



SECTION A-A
2:1

UN CONTROLLED

NOTES:

1. ALL DIMENSIONS ARE IN mm.
2. REMOVE ALL SHARP EDGES & BURRS.
3. THE EXTRUSION SHALL BE ANODIZED AS PER IS 1868 TO GRADE AC10
4. SHALL COMPLY TO TDC. NO. FPIIC/TD/074

5

4

3

2

1

MACHINING DEVIATIONS
FOR LINEAR DIMENSIONS
CLASS - MEDIUM

RANGE

0.5 - 3

3 - 6

6 - 30

30 - 120

120 - 400

400 - 1000

1000 - 2000

2000 - 4000

TOLERANCE

±0.1

±0.1

±0.2

±0.3

±0.5

±0.8

±1.2

±2

GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1

GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2

GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920

VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302.

WELDING SHALL BE CARRIED OUT AS PER EN 15085-3

WELDING PROCESS SHALL BE AS PER EN ISO-4063

WELDING SYMBOLS SHALL BE AS PER EN ISO-2553

WELDING POSITIONS SHALL BE AS PER EN ISO 6947

QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 5817

STATUS: PROTO/PRODUCTION

WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN 15085-3

INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN 15085-5

12

6

4.5

25

45

360

320

2-R 5

2- Ø 4.5

410

15

SECTION A-A

2:1

15

2- R 0.5

12

1.5 THK

UN CONTROLLED

NOTES:

1. ALL DIMENSIONS ARE IN mm.

2. REMOVE ALL SHARP EDGES & BURRS.

3.THE EXTRUSION SHALL BE ANODIXZED AS PER IS 1868 TO GRADE AC10

4. SHALL COMPLY TO TDC. NO. FPIIC/TD/074

SL.No.

QTY

PART / STOCK No.

DESCRIPTION

SIZE (mm)

COMPANY STD./I.S

Wt. (Kg)

843-16803

L 410mm

PRODUCT

TRAIN B28

REF DRG

MATERIAL

EN AW-6063-T5, EN 755 / A6063-T5 ASTM B 221

HEAT TREAT.

APPD

KRISHNA PRASAD

14.03.26

SURFACE TREAT.

REVD

KRISHNA PRASAD

14.03.26

TITLE

ALU L-PROFILE

CHKD

SANTOSH KUMAR

14.03.26

DRWN

ARTI KUMARI

14.03.26

SCALE

1:2

SHEET

1 OF 1

Wt.(kg)

0.5

ALT

0

ALT.No.

ECN No./CHANGES

DATE

BY

CHKD

APPD

BANGALORE COMPLEX

845-16162

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GRADE No.

VALUE

SYMBOL

SURFACE ROUGHNESS

N1

0.075

N2

0.05

N3

0.1

N4

0.2

N5

0.4

N6

0.8

N7

1.6

N8

3.2

N9

6.3

N10

12.5

N11

25

N12

50

5

4

3

2

1

A3

Technical drawing of a mechanical part, likely a bracket or flange, showing dimensions in millimeters. The drawing includes a central vertical section and two horizontal sections extending from it.

Dimensions and features:

- Overall width: 20
- Top horizontal section width: 12.5
- Top horizontal section thickness: 5
- Top horizontal section height: 2.5
- Top horizontal section radius: R 0.5 (TYP)
- Overall height: 48.5
- Height of the top horizontal section: 27.5
- Height of the central vertical section: 22.5
- Height of the bottom horizontal section: 7.5
- Bottom horizontal section thickness: 2.5
- Bottom horizontal section radius: 4 - R 1
- Bottom horizontal section width: 10

UN CONTROLLED



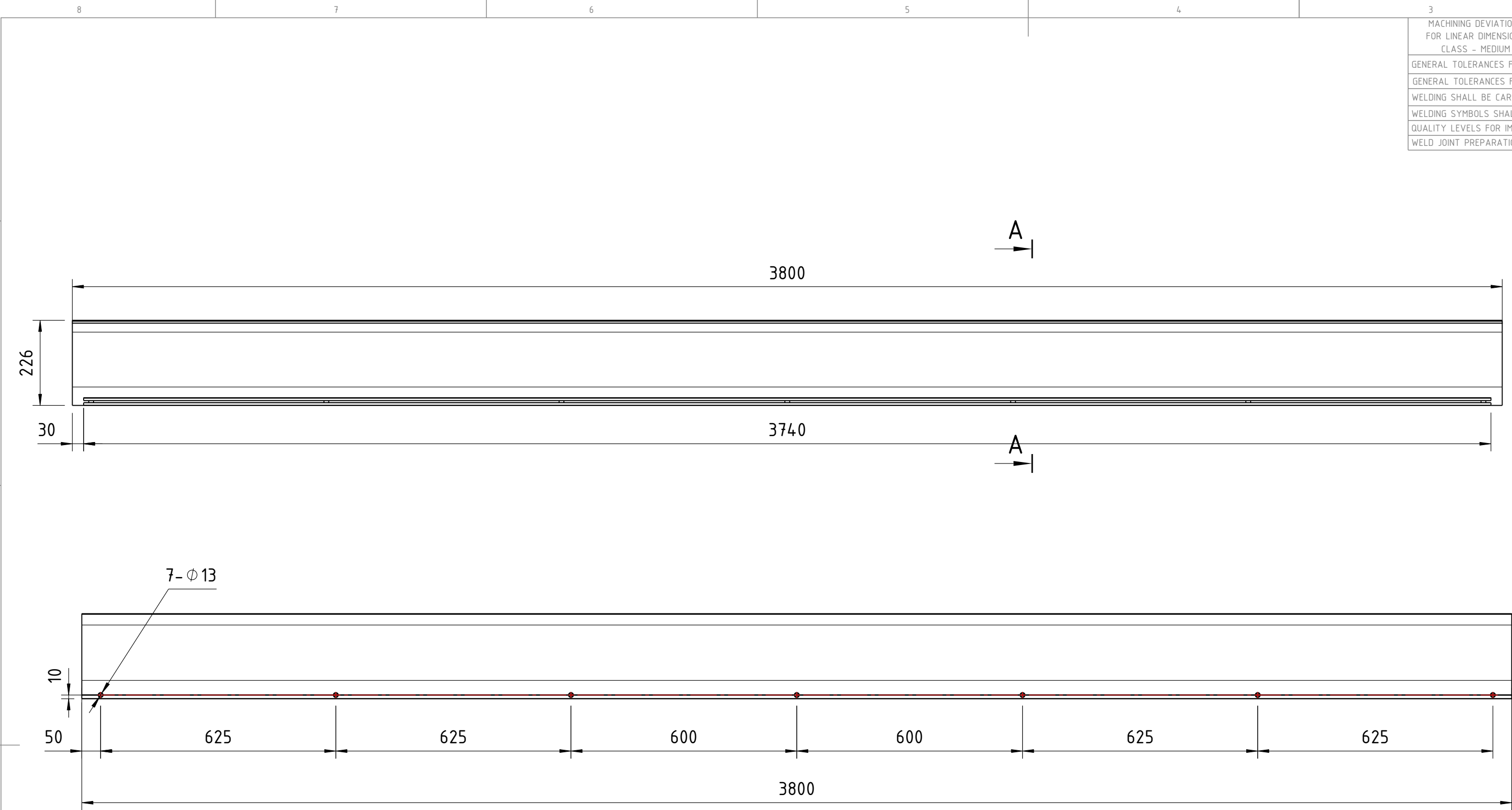
1. ALL DIMENSIONS ARE IN mm.
2. DIMENSIONAL TOLERANCES AS PER IS EN 755-9 / ANSI H35.2.
3. UNDIMENSIONED FILLET SHALL BE R0.5.
4. REMOVE ALL SHARP EDGES AND BURRS.
5. THE EXTRUSION SHALL BE ANODIZED AS PER IS 1868 TO GRADE AC10.

A4

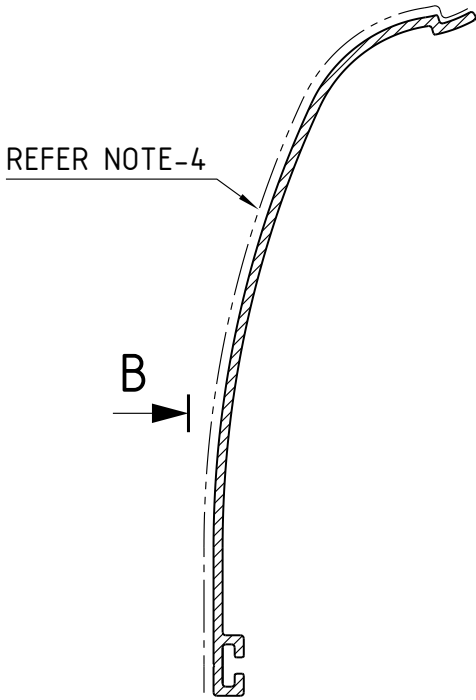
Technical drawing of an L-shaped part. The vertical leg has a height of 12. The horizontal leg has a length of 15. The corner is rounded with a radius of R 0.5. The thickness of the part is 1.5 THK.

1. ALL DIMENSIONS ARE IN mm.
2. DIMENSIONAL TOLERANCES AS PER IS EN 755-9 / ANSI H35.2.
3. UNDIMENSIONED FILLET SHALL BE R0.5.
4. REMOVE ALL SHARP EDGES AND BURRS.
5. THE EXTRUSION SHALL BE ANODIZED AS PER IS 1868 TO GRADE AC10.

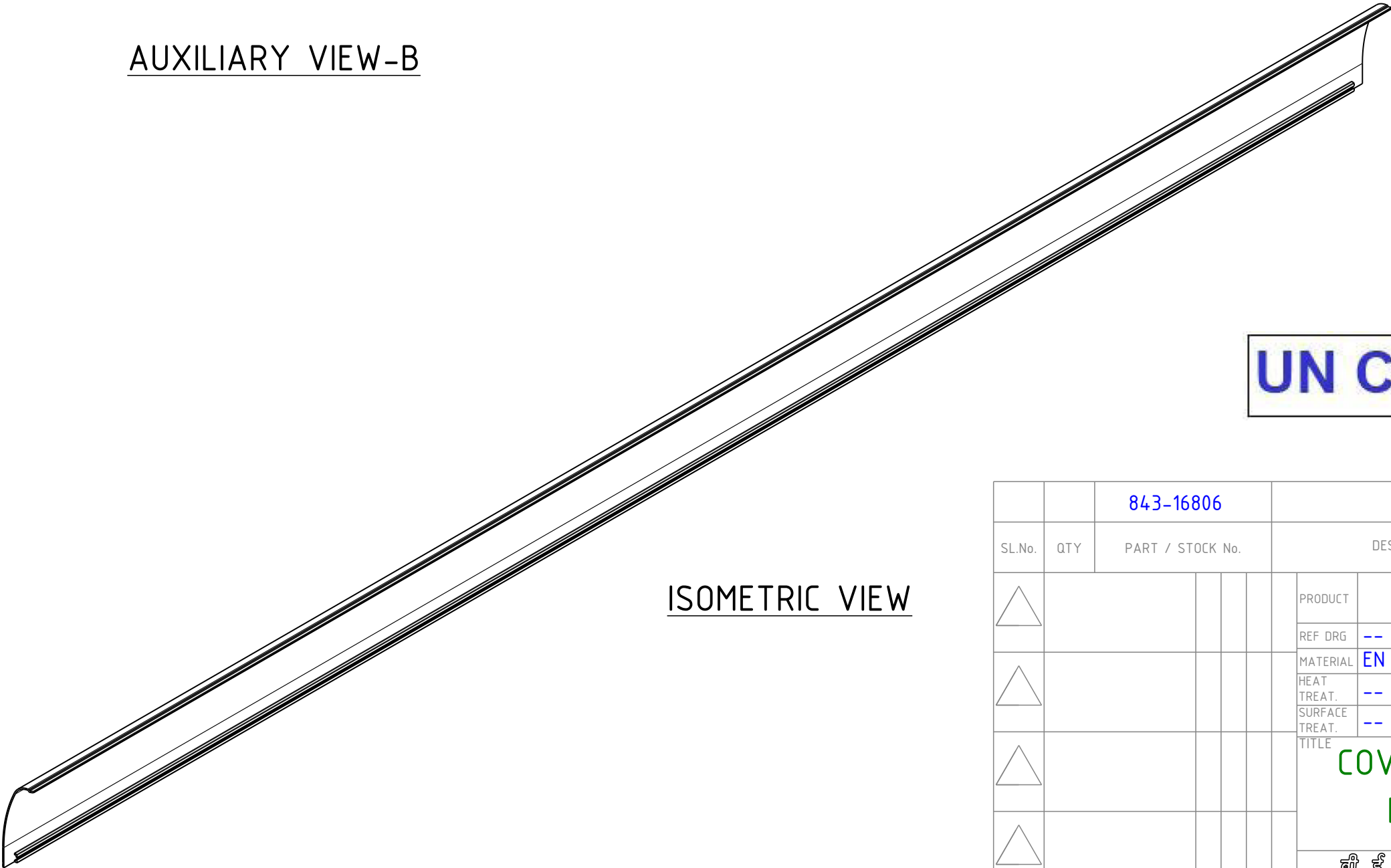
A4



AUXILIARY VIEW-B



SECTION A-A
2:5



ISOMETRIC VIEW

- NOTES:
1. ALL DIMENSIONS ARE IN mm.
 2. REMOVE ALL SHARP EDGES & BURRS.
 3. COMPELTE SURFACE SHALL BE ANODIZED AS PER IS 1868 TO GRADE AC10.
 4. SHOWN SURFACE SHALL BE POWDER COATED TO RAL 7048 , 30% GLOSSINES / SATIN.
 5. SHALL COMPLY TO TDC NO. FPIIC/TD/074.

		2					1			
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS CLASS - MEDIUM	RANGE	0.5 - 3	3 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000	
	TOLERANCE	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1					GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2					
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920					VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302.					
WELDING SHALL BE CARRIED OUT AS PER EN 15085-3			WELDING PROCESS SHALL BE AS PER EN ISO-6063		STATUS:		PROTO/PRODUCTION			
WELDING SYMBOLS SHALL BE AS PER EN ISO-2553			WELDING POSITIONS SHALL BE AS PER EN ISO 6947							
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 5817										
WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN 15085-3			INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN 15085-5							

UN CONTROLLED

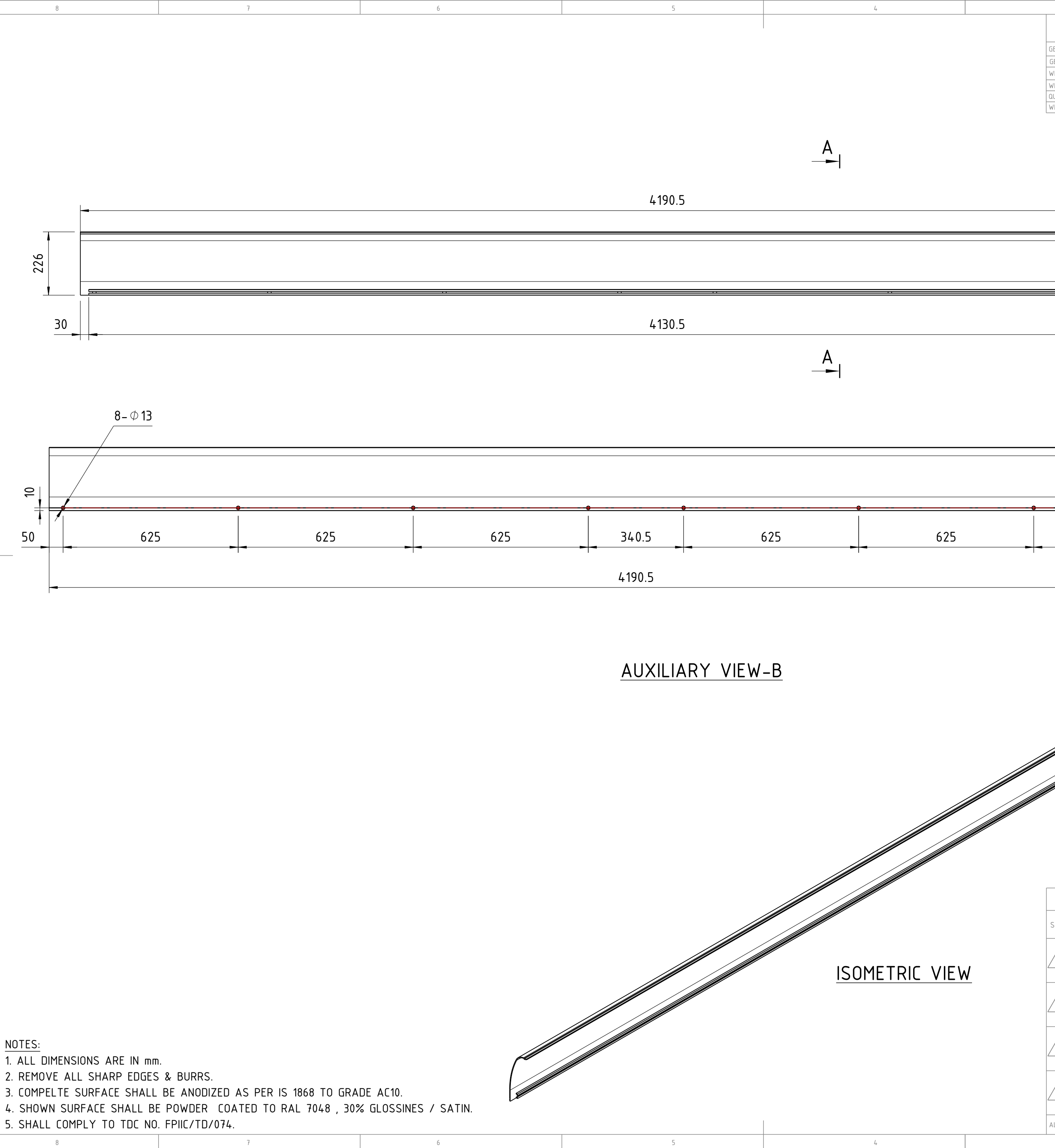
		843-16806			3800x226x3THK					
SL.No.	QTY	PART / STOCK No.			DESCRIPTION		SIZE (mm)	COMPANY STD./I.S	Wt. (Kg)	
								MATERIAL		
					PRODUCT	TRAIN B28				
					REF DRG	--				
					MATERIAL	EN AW-6060-T6, EN 755 / A 6060-T6 ASTM B221				
					HEAT TREAT.	--	APPD	KRISHNA PRASAD	16.02.26	
					SURFACE TREAT.	--	REVD	KRISHNA PRASAD	16.02.26	
					TITLE	COVER PROFILE, EXHAUST	CHKD	SANTOSH KUMAR	16.02.26	
							DRWN	ARTI KUMARI	16.02.26	
							SCALE		SHEET	Wt.(kg)
							1:10		1 OF 1	8.93
							DRG No.			
ALT.No.	ECN No./CHANGES			DATE	BY	CHKD	APPD	BANGALORE COMPLEX		
								844-16152		
										

3		2				1				
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS CLASS - MEDIUM		RANGE	0.5 - 3	3 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000
		TOLERANCE	+0.1	+0.1	+0.2	+0.3	+0.5	+0.8	+1.2	+2
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1						GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2				
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920						VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302.				
WELDING SHALL BE CARRIED OUT AS PER EN ISO 5805-3			WELDING PROCESS SHALL BE AS PER EN ISO-A063			STATUS: PROTO/PRODUCTION				
WELDING SYMBOLS SHALL BE AS PER EN ISO-2553			WELDING POSITIONS SHALL BE AS PER EN ISO 6947							
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 5817										
WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN ISO 5805-3										
WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN ISO 5805-3						INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN ISO 5805-5				

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GRADE No.	N1	N2	N3	N4	N5	N6	N7	N8	N9	N10	N11	N12	SURFACE ROUGHNESS
VALUE	0.025	0.05	0.1	0.2	0.4	0.8	1.6	3.2	6.3	12.5	25	50	
SYMBOL													



- NOTES:
1. ALL DIMENSIONS ARE IN mm.
 2. REMOVE ALL SHARP EDGES & BURRS.
 3. COMPELTE SURFACE SHALL BE ANODIZED AS PER IS 1868 TO GRADE AC10.
 4. SHOWN SURFACE SHALL BE POWDER COATED TO RAL 7048 , 30% GLOSSINES / SATIN.
 5. SHALL COMPLY TO TDC NO. FPIIC/TD/074.

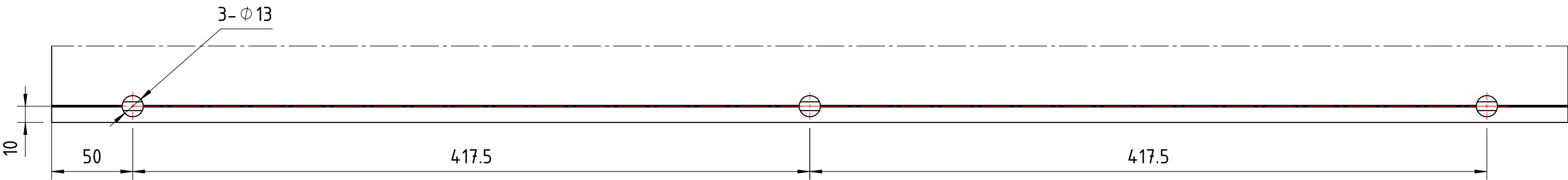
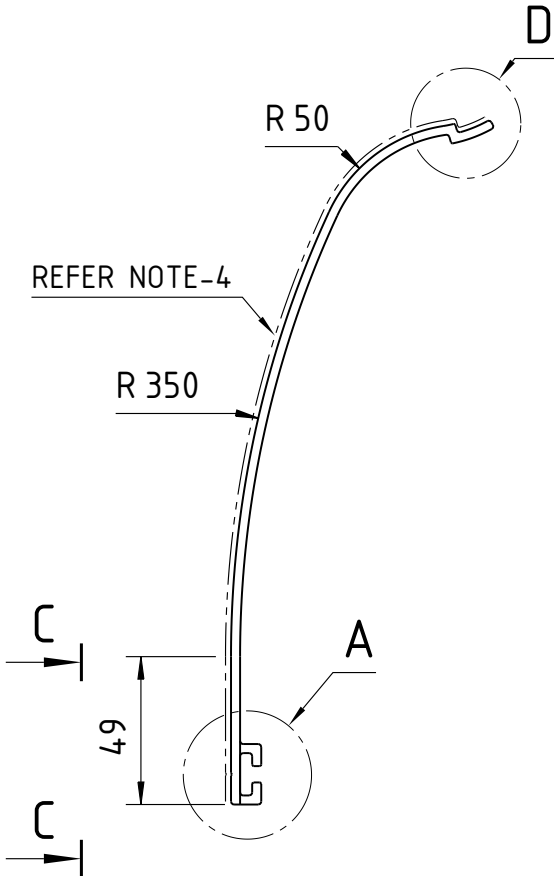
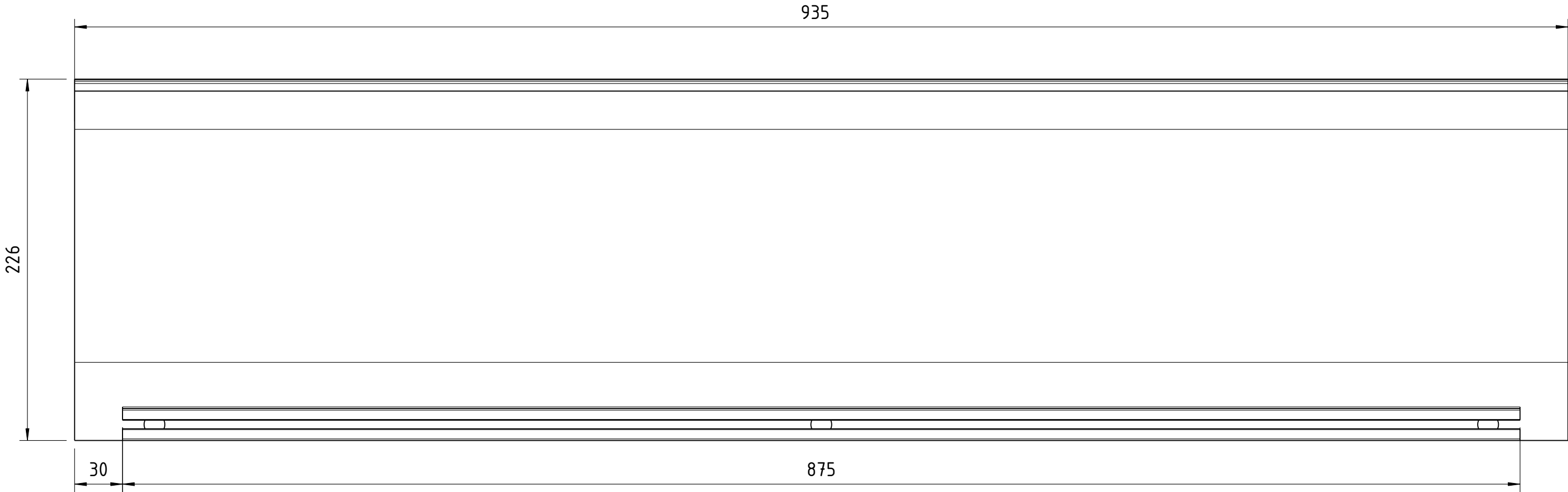
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS CLASS - MEDIUM	RANGE	0.5 - 3	3 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000
	TOLERANCE	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1					GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2				
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920					VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302.				
WELDING SHALL BE CARRIED OUT AS PER EN 15085-3			WELDING PROCESS SHALL BE AS PER EN ISO-6063			STATUS: PROTO/PRODUCTION			
WELDING SYMBOLS SHALL BE AS PER EN ISO-2553			WELDING POSITIONS SHALL BE AS PER EN ISO 6947						
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 5817									
WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN 15085-3					INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN 15085-5				

		843-16806			4190.5x226x3THK				
SL.No.	QTY	PART / STOCK No.			DESCRIPTION		SIZE (mm)	COMPANY STD./I.S	Wt. (Kg)
					PRODUCT	TRAIN B28			
					REF DRG	--			
					MATERIAL	EN AW-6060-T6, EN 755 / A 6060-T6 ASTM B221			
					HEAT TREAT.	--	APPD	KRISHNA PRASAD	16.02.26
					SURFACE TREAT.	--	REVD	KRISHNA PRASAD	16.02.26
					TITLE	COVER PROFILE, EXHAUST			
					DRWN	ARTI KUMARI			16.02.26
					SCALE	1:10		SHEET	1 OF 1
ALT.No.	ECN No./CHANGES			DATE	BY	CHKD	APPD	DRG No.	
								844-16126	
								ALT	0

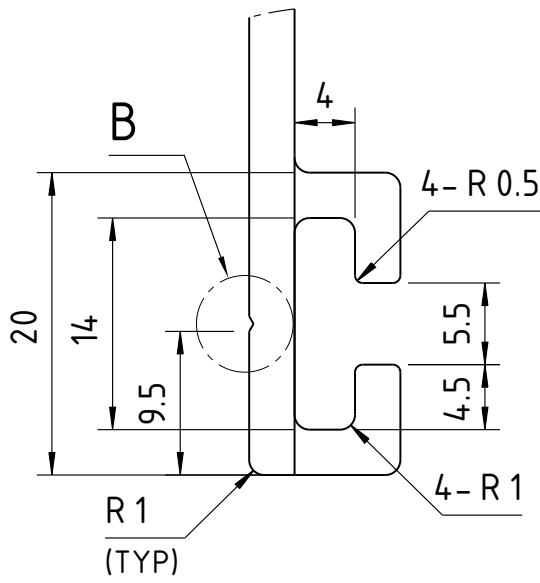
UN CONTROLLED

BANGALORE
COMPLEX

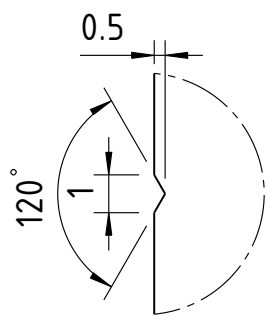
		2					1			
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS CLASS - MEDIUM	RANGE	0.5 - 3	3 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000	
	TOLERANCE	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1					GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2					
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920					VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302.					
WELDING SHALL BE CARRIED OUT AS PER EN 15085-3			WELDING PROCESS SHALL BE AS PER EN ISO-4063			STATUS:		PROTO/PRODUCTION		
WELDING SYMBOLS SHALL BE AS PER EN ISO-2553			WELDING POSITIONS SHALL BE AS PER EN ISO 6947							
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 5817			INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN 15085-5							



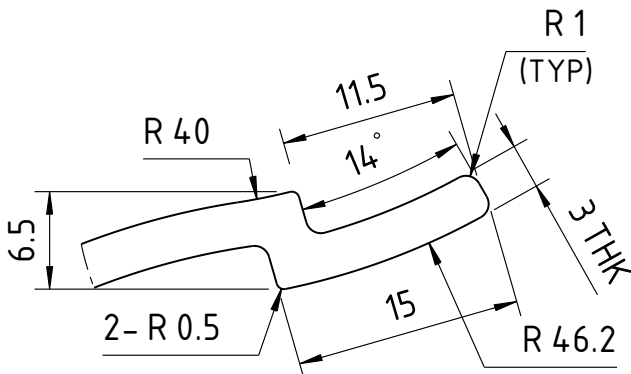
SECTION C-C
2:5



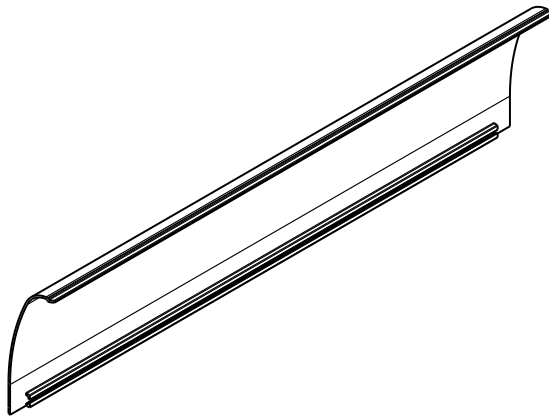
DETAIL-A
2:1



DETAIL-B
5:1



DETAIL-D
2:1



ISOMETRIC VIEW

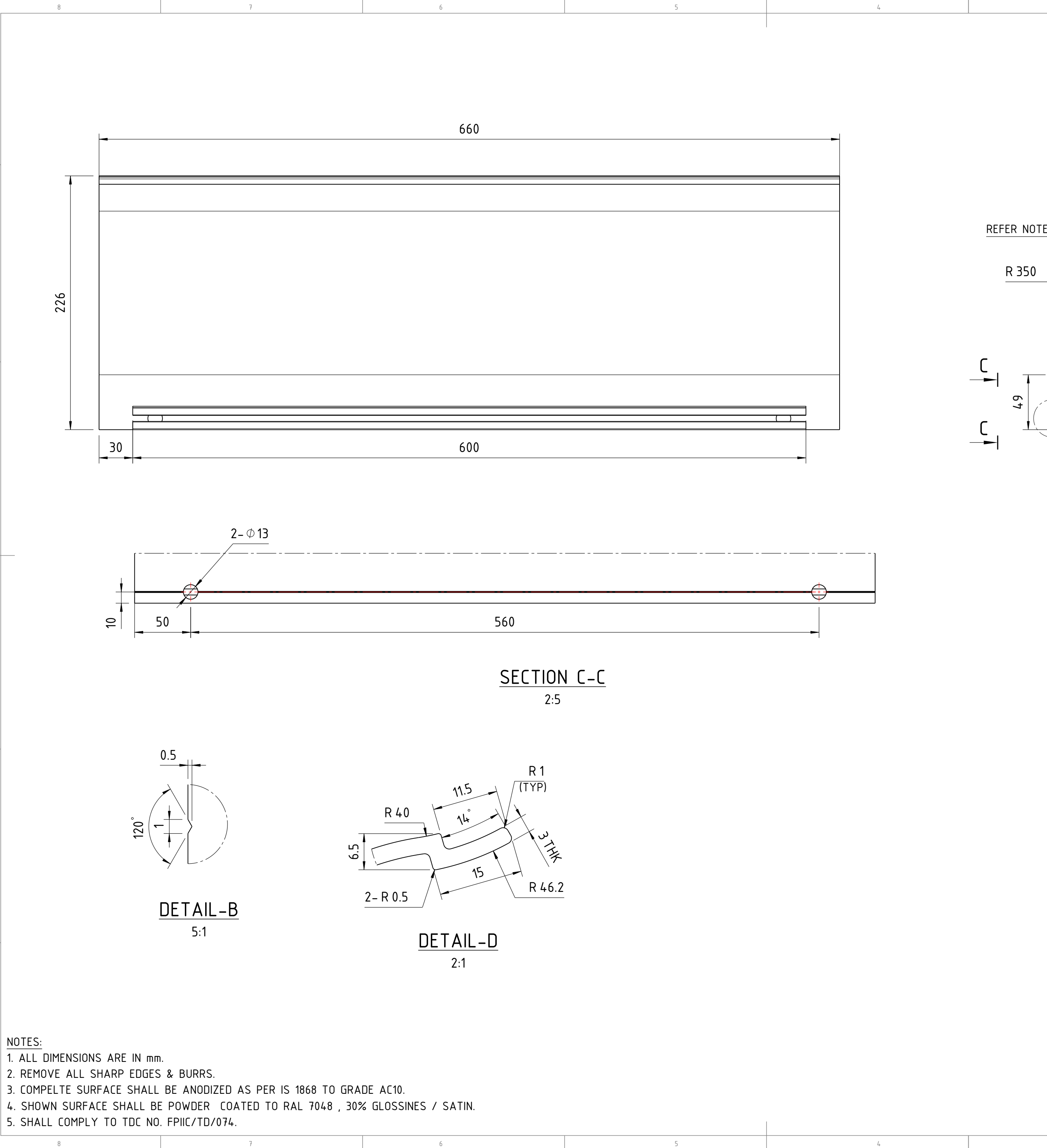
UN CONTROLLED

NOTES:

1. ALL DIMENSIONS ARE IN mm.
2. REMOVE ALL SHARP EDGES & BURRS.
3. COMPELTE SURFACE SHALL BE ANODIZED AS PER IS 1868 TO GRADE AC10.
4. SHOWN SURFACE SHALL BE POWDER COATED TO RAL 7048 , 30% GLOSSINES / SATIN.
5. SHALL COMPLY TO TDC NO. FPIIC/TD/074.

		843-16806		935x226x3THK			
SL.No.	QTY	PART / STOCK No.		DESCRIPTION	SIZE (mm)	COMPANY STD./I.S	Wt. (Kg)
				PRODUCT	TRAIN B28		
				REF DRG	--		
				MATERIAL	EN AW-6060-T6, EN 755 / A 6060-T6 ASTM B221		
				HEAT TREAT.	--	APPD	KRISHNA PRASAD 05.02.26
				SURFACE TREAT.	--	REVD	KRISHNA PRASAD 05.02.26
				TITLE	COVER PROFILE, EXHAUST		
				DRWN	ARTI KUMARI		05.02.26
				SCALE	2:5	SHEET	1 OF 1
				DRG No.	843-16203		
ALT.No.	ECN No./CHANGES		DATE	BY	CHKD	APPD	ALT
							0

BANGALORE
COMPLEX



3		2		1					
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS CLASS - MEDIUM	RANGE	0.5 - 3	3 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000
	TOLERANCE	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1					GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2				
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920					VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302.				
WELDING SHALL BE CARRIED OUT AS PER EN 15085-3			WELDING PROCESS SHALL BE AS PER EN 15085-3			STATUS:		PROTO/PRODUCTION	
WELDING SYMBOLS SHALL BE AS PER EN ISO-2553			WELDING POSITIONS SHALL BE AS PER EN ISO 6947			WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN 15085-3			
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 5817			INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN 15085-5						

REFER NOTE-4

R 50

R 350

49

A

D

20

14

9.5

4

4 - R 0.5

5.5

4.5

4 - R 1

R 1 (TYP)

DETAIL-A

2:1

ISOMETRIC VIEW

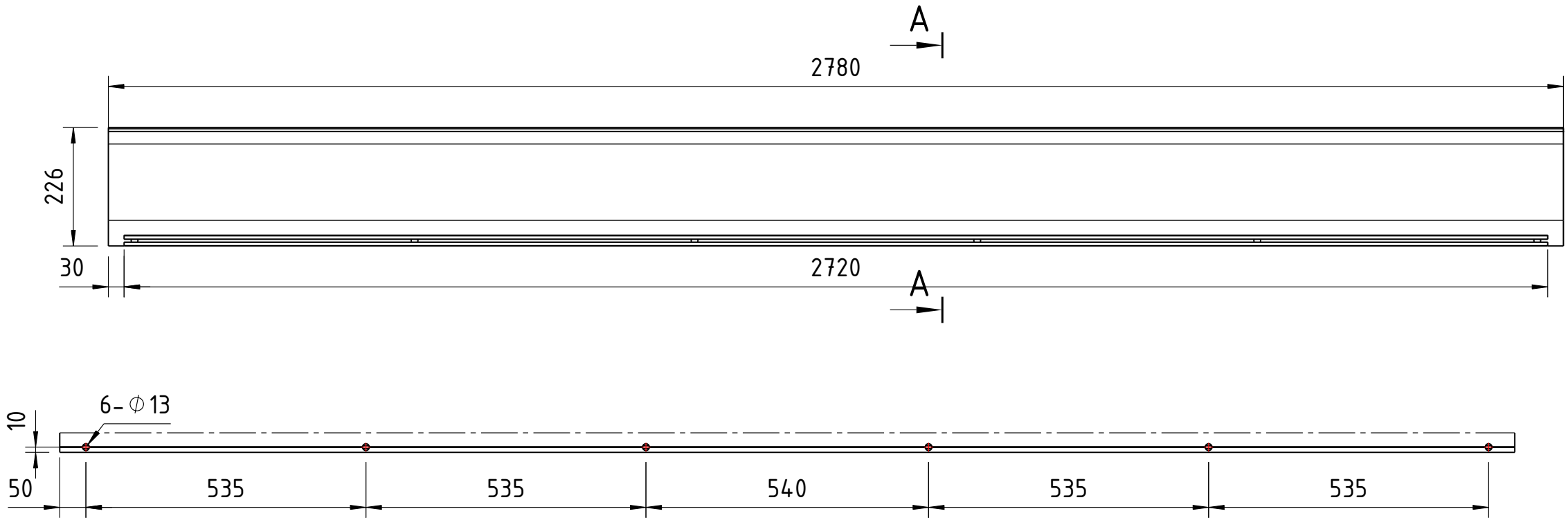
UN CONTROLLED

843-16806		660x226x3THK					
SL.No.	QTY	PART / STOCK No.		DESCRIPTION	SIZE (mm)	COMPANY STD./I.S	Wt. (Kg)
				PRODUCT	TRAIN B28		
				REF DRG	--		
				MATERIAL	EN AW-6060-T6, EN 755 / A 6060-T6 ASTM B221		
				HEAT TREAT.	APPD	KRISHNA PRASAD	05.02.26
				SURFACE TREAT.	REVD	KRISHNA PRASAD	05.02.26
				TITLE	CHKD	SANTOSH KUMAR	05.02.26
					DRWN	ARTI KUMARI	05.02.26
					SCALE	2:5	1 OF 1
					SCALE	2:5	1 OF 1
ALT.No.	ECN No./CHANGES	DATE	BY	CHKD	APPD	BANGALORE COMPLEX	
843-16202						ALT	
						0	

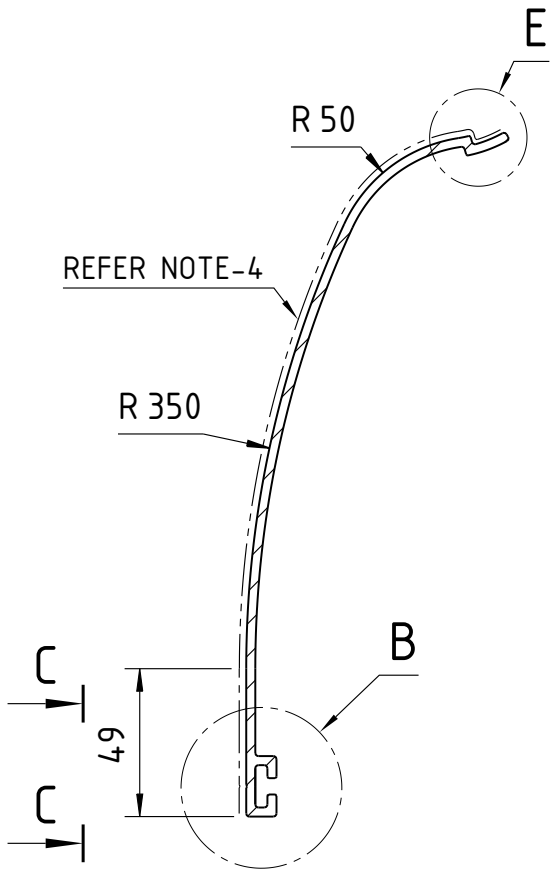
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GRADE No.	N1	N2	N3	N4	N5	N6	N7	N8	N9	N10	N11	N12
VALUE	0.025	0.05	0.1	0.2	0.4	0.8	1.6	3.2	6.3	12.5	25	50
SYMBOL												
SURFACE ROUGHNESS												

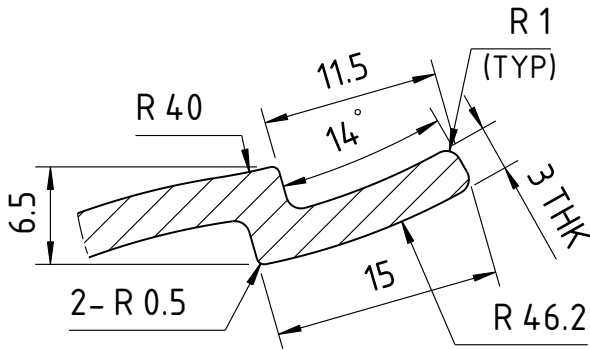
		2						1											
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS CLASS - MEDIUM		RANGE	0.5 - 3		3 - 6		6 - 30		30 - 120		120 - 400		400 - 1000		1000 - 2000		2000 - 4000		
		TOLERANCE	±0.1		±0.1		±0.2		±0.3		±0.5		±0.8		±1.2		±2		
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1										GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2									
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920										VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302.									
WELDING SHALL BE CARRIED OUT AS PER EN 15085-3					WELDING PROCESS SHALL BE AS PER EN ISO-4063					STATUS: PROTO/PRODUCTION									
WELDING SYMBOLS SHALL BE AS PER EN ISO-2553					WELDING POSITIONS SHALL BE AS PER EN ISO 6947														
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 5817																			
WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN 15085-3										INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN 15085-5									



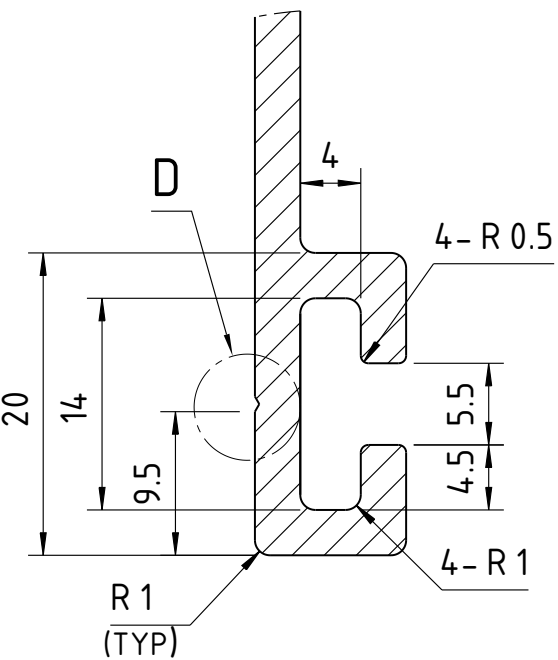
SECTION C-C
1:10



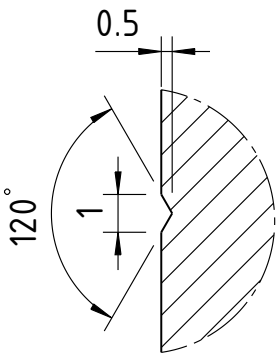
SECTION A-A
2:5



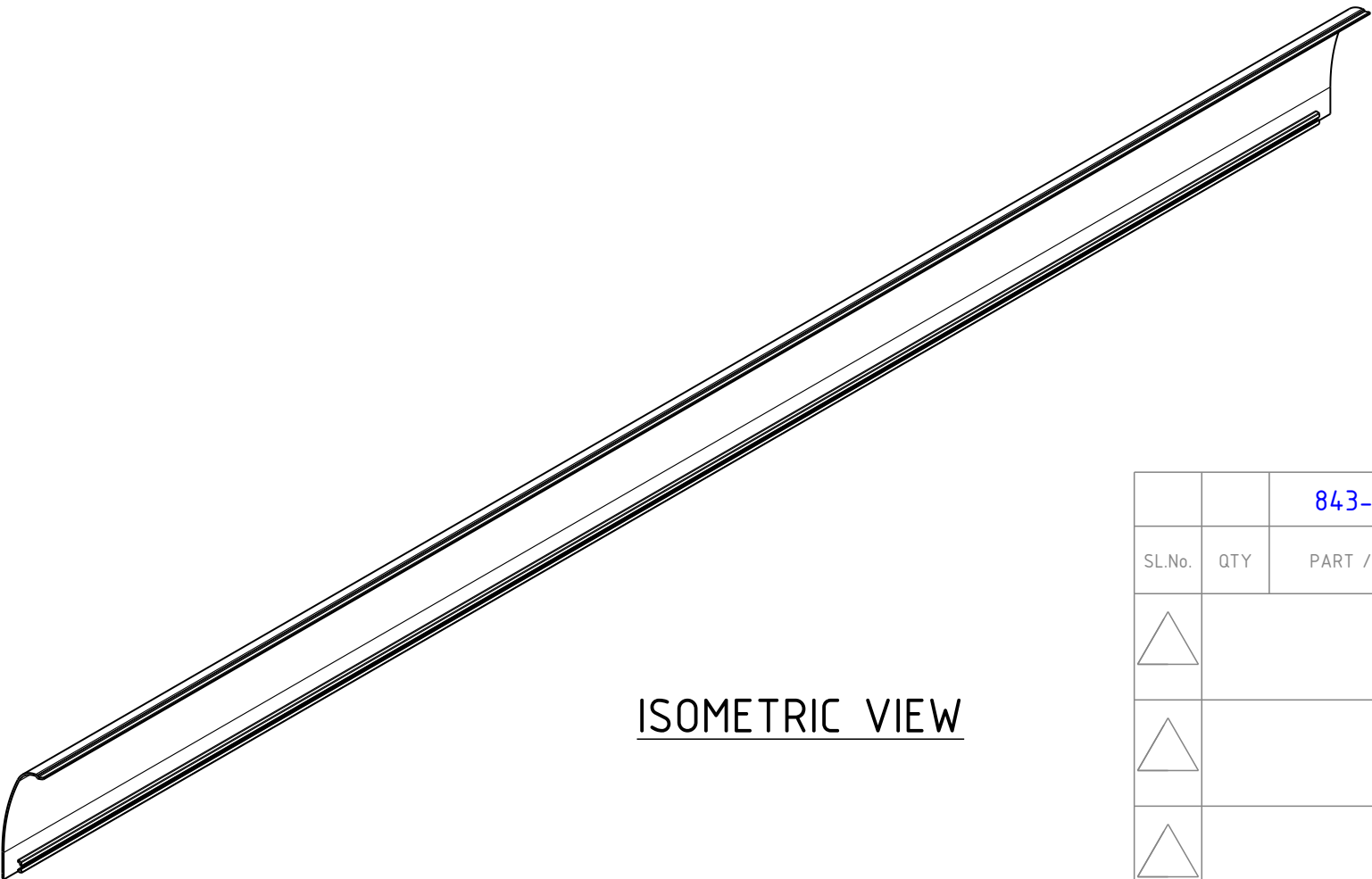
DETAIL-E
2:1



DETAIL-B
2:1



DETAIL-D
5:1

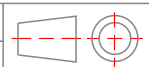


ISOMETRIC VIEW

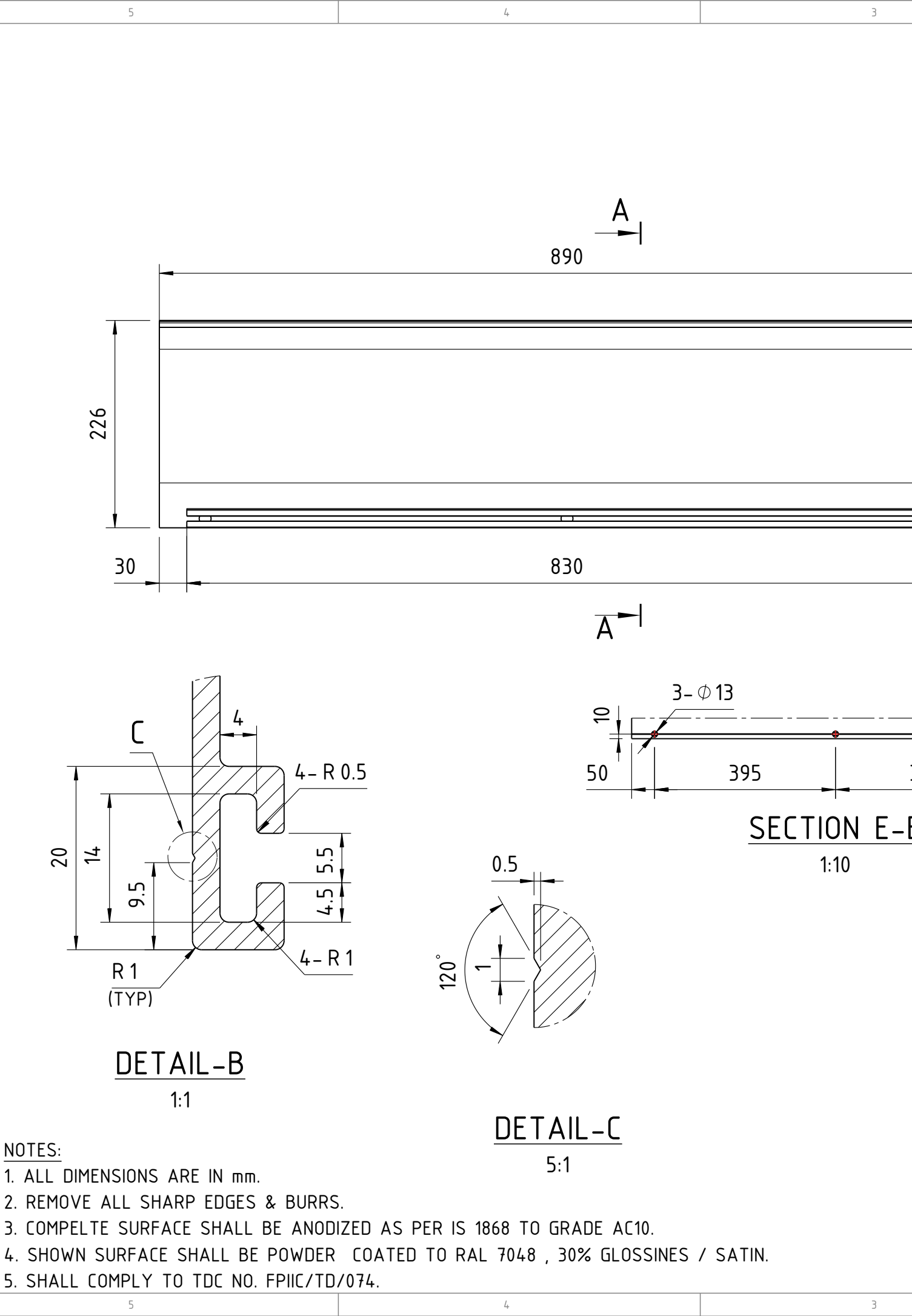
UN CONTROLLED

NOTES:

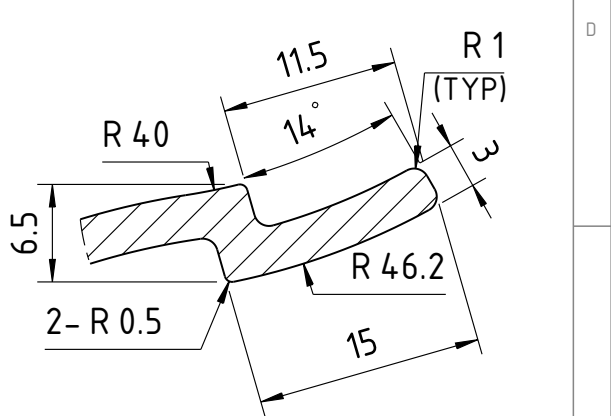
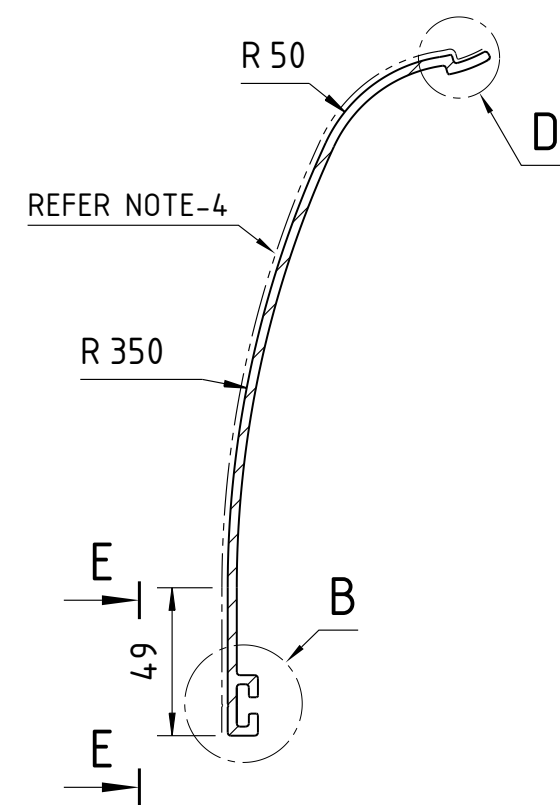
1. ALL DIMENSIONS ARE IN mm.
2. REMOVE ALL SHARP EDGES & BURRS.
3. COMPELTE SURFACE SHALL BE ANODIZED AS PER IS 1868 TO GRADE AC10.
4. SHOWN SURFACE SHALL BE POWDER COATED TO RAL 7048 , 30% GLOSSINES / SATIN.
5. SHALL COMPLY TO TDC NO. FPIIC/TD/074.

		843-16806			2780x226x3THK					
SL.No.	QTY	PART / STOCK No.			DESCRIPTION		SIZE (mm)	COMPANY STD./I.S	Wt. (Kg)	
								MATERIAL		
					PRODUCT	TRAIN B28				
					REF DRG	--				
					MATERIAL	EN AW-6060-T6, EN 755 / A 6060-T6 ASTM B221				
					HEAT TREAT.	--	APPD	KRISHNA PRASAD	05.02.26	
					SURFACE TREAT.	--	REVD	KRISHNA PRASAD	05.02.26	
					TITLE	COVER PROFILE, EXHAUST	CHKD	SANTOSH KUMAR	05.02.26	
							DRWN	ARTI KUMARI	05.02.26	
							SCALE		SHEET	Wt.(kg)
							1:10		1 OF 1	6.53
					BANGALORE		DRG No.		843-16200	
					COMPLEX					
ALT.No.	ECN No./CHANGES			DATE	BY	CHKD	APPD			ALT
										0

BANGALORE
COMPLEX



		2				1			
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS CLASS - MEDIUM	RANGE	0.5 - 3	3 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000
	TOLERANCE	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1					GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2				
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920					VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302.				
WELDING SHALL BE CARRIED OUT AS PER EN 15085-3		WELDING PROCESS SHALL BE AS PER EN ISO-4063			STATUS:	PROTO/PRODUCTION			
WELDING SYMBOLS SHALL BE AS PER EN ISO-2553		WELDING POSITIONS SHALL BE AS PER EN ISO 6947							
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 5817									
WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN 15085-3				INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN 15085-5					



SECTION A-A
2:5

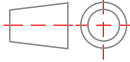
SECTION E-E
1:10

DETAIL-D
2:1

ISOMETRIC VIEW

UN CONTROLLED

- NOTES:
1. ALL DIMENSIONS ARE IN mm.
 2. REMOVE ALL SHARP EDGES & BURRS.
 3. COMPELTE SURFACE SHALL BE ANODIZED AS PER IS 1868 TO GRADE AC10.
 4. SHOWN SURFACE SHALL BE POWDER COATED TO RAL 7048 , 30% GLOSSINES / SATIN.
 5. SHALL COMPLY TO TDC NO. FPIIC/TD/074.

		843-16806					890x226x3THK							
SL.No.	QTY	PART / STOCK No.				DESCRIPTION			SIZE (mm)	COMPANY STD./I.S			Wt. (Kg)	
										MATERIAL				
						PRODUCT	TRAIN B28							
						REF DRG	---							
						MATERIAL	EN AW-6060-T6, EN 755 / A 6060-T6 ASTM B221							
						HEAT TREAT.	---	APPD	KRISHNA PRASAD			05.02.26		
						SURFACE TREAT.	---	REVD	KRISHNA PRASAD			05.02.26		
						TITLE	COVER PROFILE,EXHAUST	CHKD	SANTOSH KUMAR			05.02.26		
								DRWN	ARTI KUMARI			05.02.26		
								SCALE		SHEET	Wt.(kg)			
								1:5		1 OF 1	2.08			
ALT.No.	ECN No./CHANGES				DATE	BY	CHKD	APPD	BANGALORE COMPLEX			843-16199		ALT
														

2

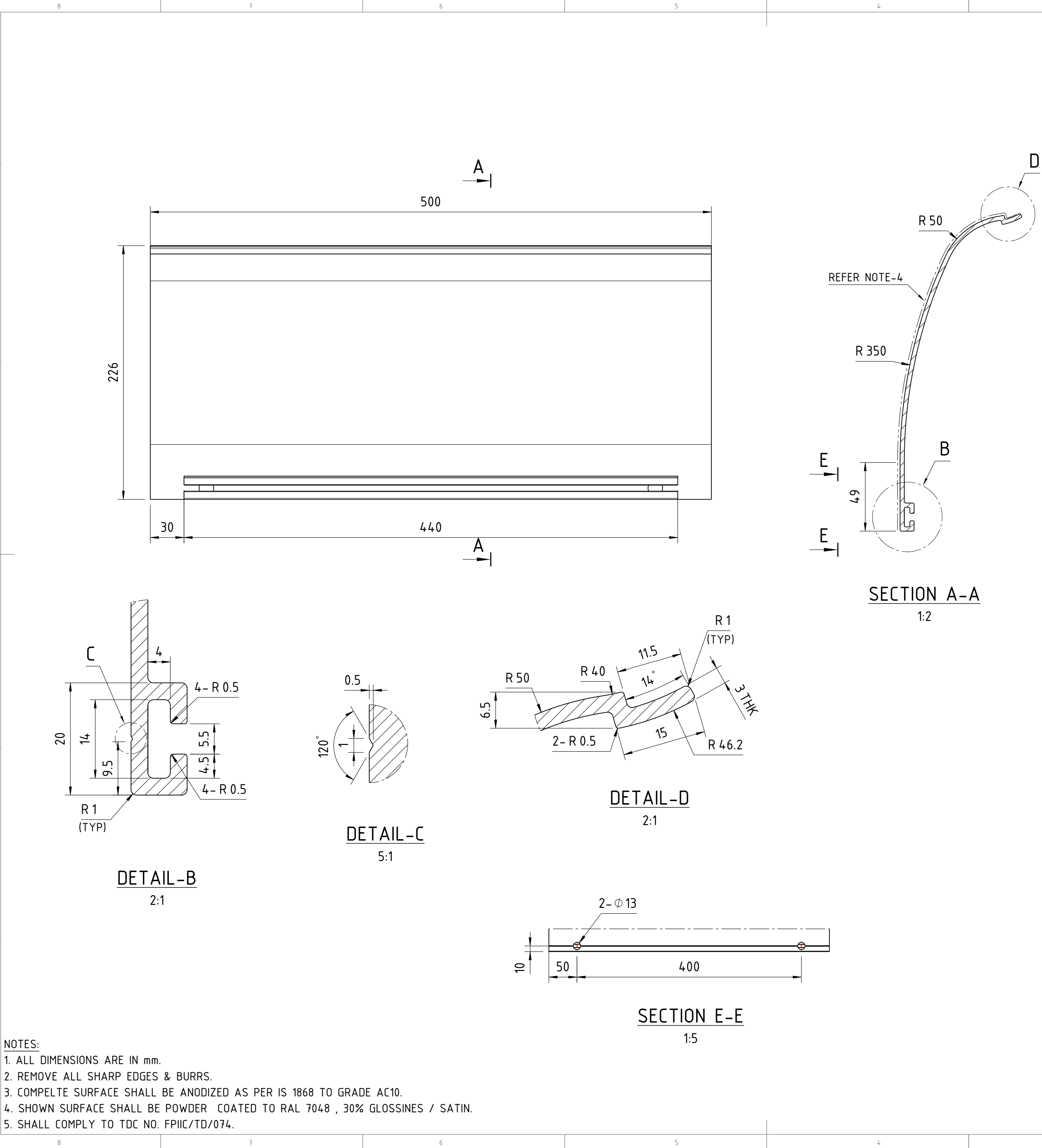
1

A

A3

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GRADE No.
VALUE
SYMBOL
SURFACE
ROUGHNESS



3		2				1				
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS CLASS - MEDIUM		RANGE	0.5 - 3	3 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000
		TOLERANCE	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1						GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2				
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920						VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302.				
WELDING SHALL BE CARRIED OUT AS PER EN 15085-3			WELDING PROCESS SHALL BE AS PER EN ISO-4063			STATUS:		PROTO/PRODUCTION		
WELDING SYMBOLS SHALL BE AS PER EN ISO-2553			WELDING POSITIONS SHALL BE AS PER EN ISO 6947							
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 5817										
WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN 15085-3			INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN 15085-5							

UN CONTROLLED

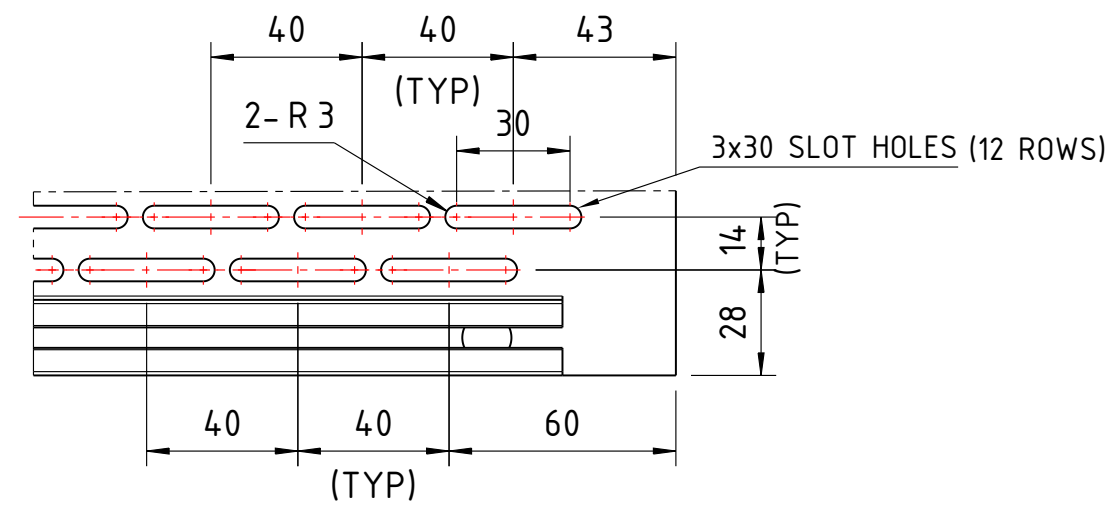
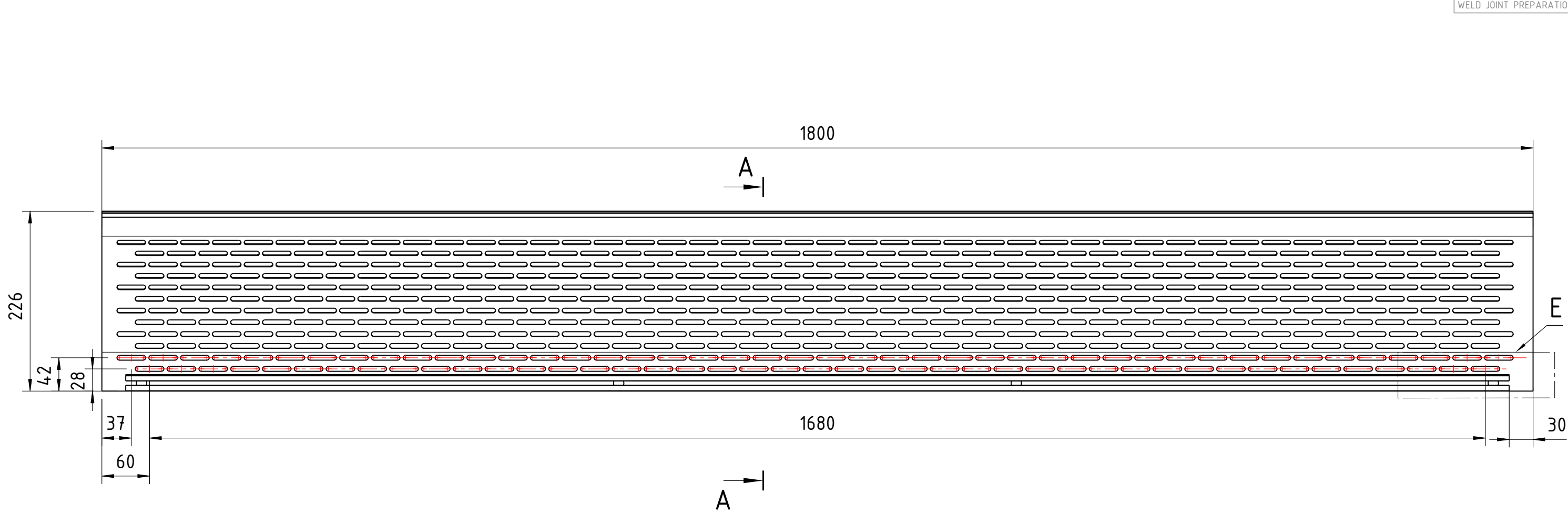
		843-16806			500x226x3THK					
SL.No.	QTY	PART / STOCK No.			DESCRIPTION		SIZE (mm)	COMPANY STD./I.S	Wt. (Kg)	
								MATERIAL		
					PRODUCT	TRAIN B28				
					REF DRG	--				
					MATERIAL	EN AW-6060-T6, EN 755 / A 6060-T6 ASTM B221				
					HEAT TREAT.	--	APPD	KRISHNA PRASAD	05.02.26	
					SURFACE TREAT.	--	REVD	KRISHNA PRASAD	05.02.26	
					TITLE	COVER PROFILE, EXHAUST		CHKD	SANTOSH KUMAR	05.02.26
								DRWN	ARTI KUMARI	05.02.26
						SCALE		SHEET	Wt.(kg)	
						2:5		1 OF 1	1.16	
ALT.No.	ECN No./CHANGES	DATE	BY	CHKD	APPD	DRG No.			ALT	
						843-16197			0	
3						2			1	A2

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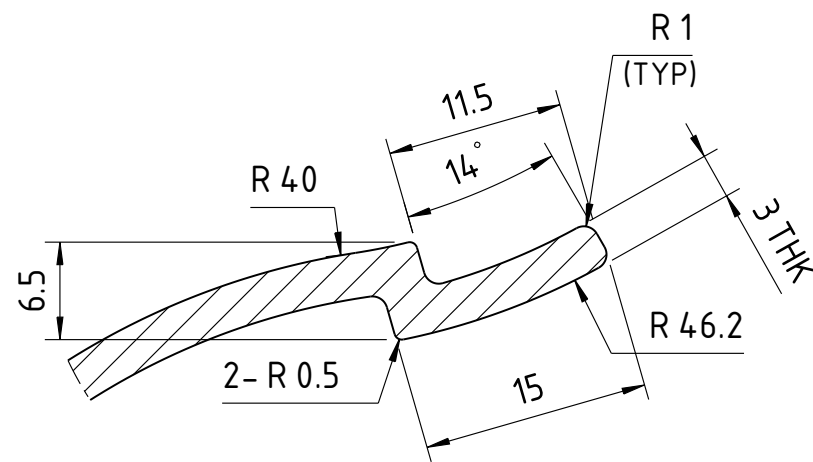
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GRADE No.	N1	N2	N3	N4	N5	N6	N7	N8	N9	N10	N11	N12	SURFACE ROUGHNESS
VALUE	0.025	0.05	0.1	0.2	0.4	0.8	1.6	3.2	6.3	12.5	25	50	
SYMBOL													

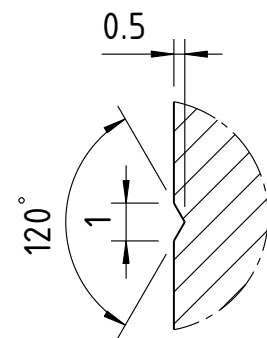
F
E
D
C
B
A



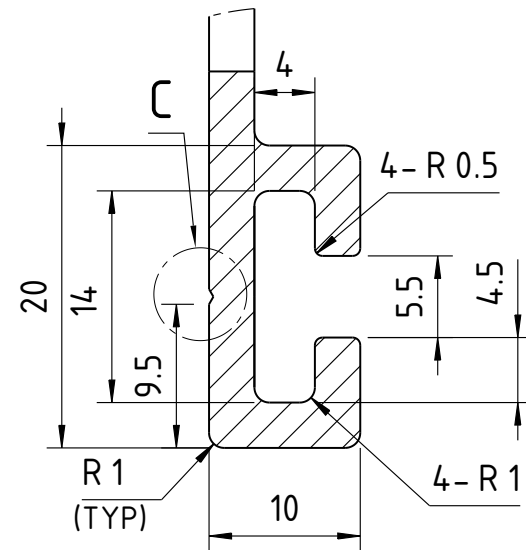
DETAIL-E
1:2



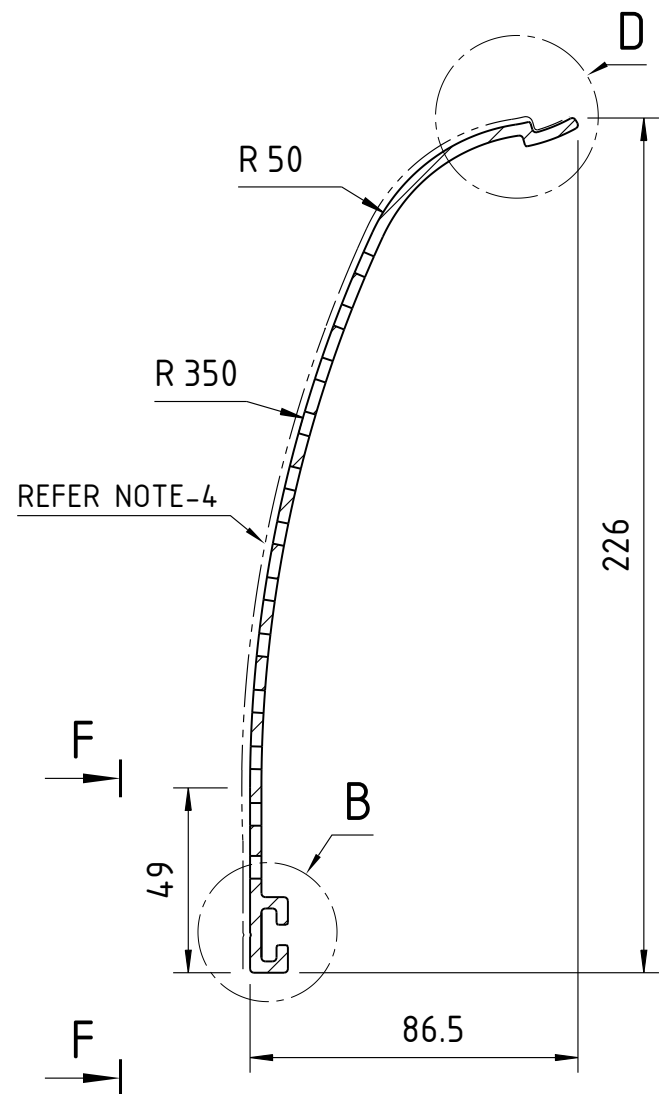
DETAIL-D
2:1



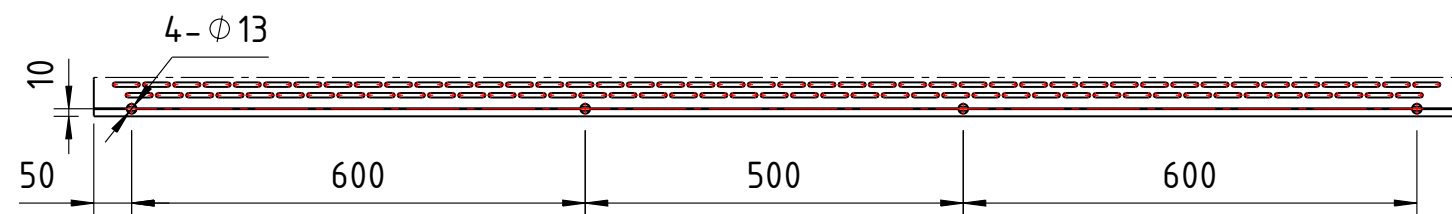
DETAIL-C
5:1



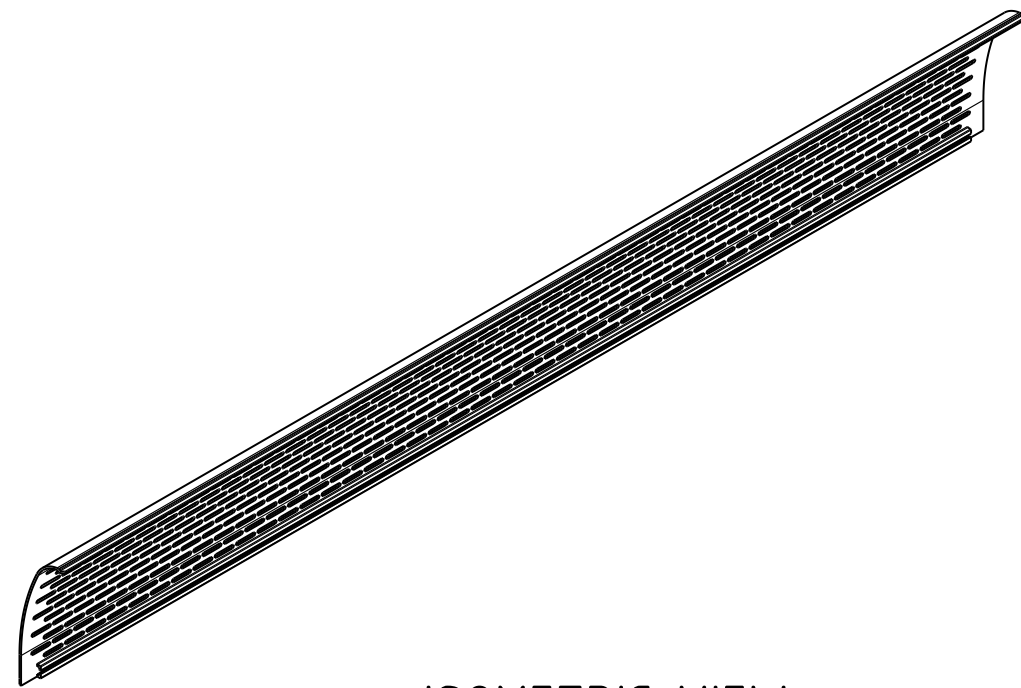
DETAIL-B
2:1



SECTION A-A
1:2



SECTION F-F
1:10



ISOMETRIC VIEW

NOTES:

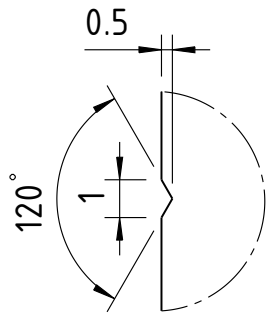
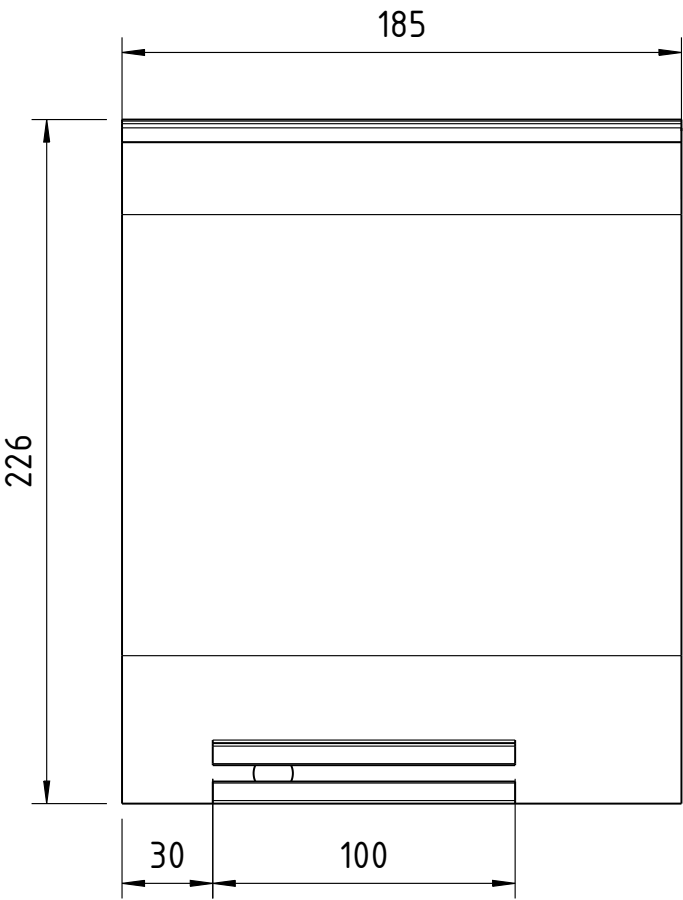
1. ALL DIMENSIONS ARE IN mm.
2. REMOVE ALL SHARP EDGES & BURRS.
3. COMPELTE SURFACE SHALL BE ANODIZED AS PER IS 1868 TO GRADE AC10.
4. SHOWN SURFACE SHALL BE POWDER COATED TO RAL 7048 , 30% GLOSSINES / SATIN.
5. SHALL COMPLY TO TDC NO. FPIC/TD/074.

3		2						1			
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS CLASS - MEDIUM		RANGE	0.5 - 3	3 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000	
		TOLERANCE	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1						GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2					
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920						VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302.					
WELDING SHALL BE CARRIED OUT AS PER EN 15085-3				WELDING PROCESS SHALL BE AS PER EN ISO-4063		STATUS: PROTO/PRODUCTION					
WELDING SYMBOLS SHALL BE AS PER EN ISO-2553				WELDING POSITIONS SHALL BE AS PER EN ISO 6947							
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 5817											
WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN 15085-3						INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN 15085-5					

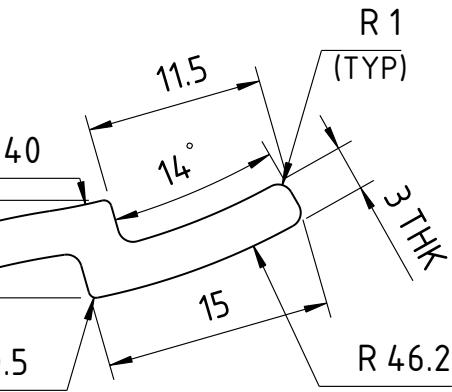
UN CONTROLLED

843-16806		1800x226x3THK			
SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE (mm)	COMPANY STD./I.S
			TRAIN B28		Wt. (Kg)
			PRODUCT		
			REF DRG		
			MATERIAL	EN AW-6060-T6, EN 755 / A 6060-T6 ASTM B221	
			HEAT TREAT.	APPD	KRISHNA PRASAD 03.02.26
			SURFACE TREAT.	REVD	KRISHNA PRASAD 03.02.26
			TITLE	CHKD	SANTOSH KUMAR 03.02.26
				DRWN	ARTI KUMARI 03.02.26
			SCALE	1:5	1 OF 1
			DRG No.	843-16196	ALT
					0

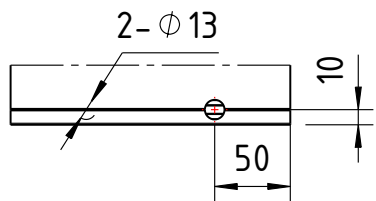
BANGALORE
COMPLEX



DETAIL-B
5:1

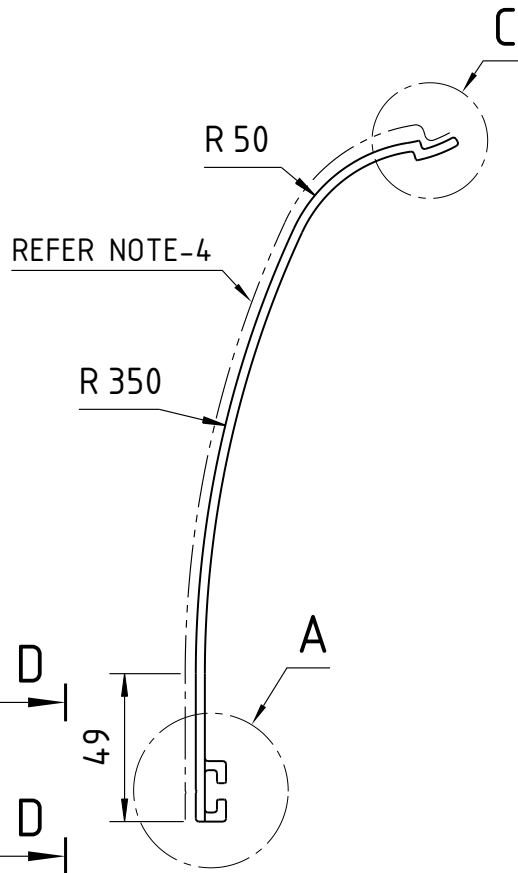


DETAIL-C
2:1

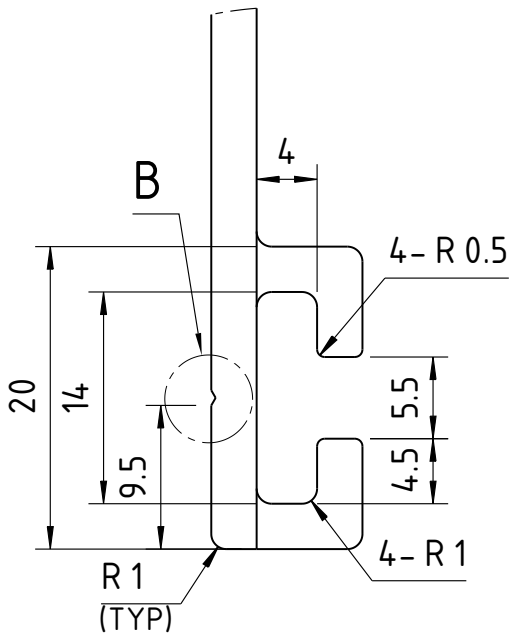


SECTION D-D
1:5

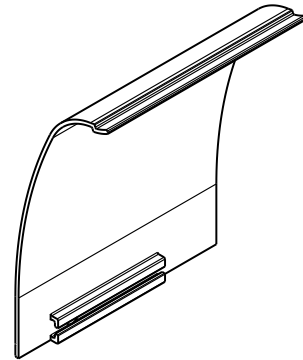
- NOTES:
1. ALL DIMENSIONS ARE IN mm.
 2. REMOVE ALL SHARP EDGES & BURRS.
 3. COMPELTE SURFACE SHALL BE ANODIZED AS PER IS 1868 TO GRADE AC10.
 4. SHOWN SURFACE SHALL BE POWDER COATED TO RAL 7048 , 30% GLOSSINES / SATIN.
 5. SHALL COMPLY TO TDC NO. FPIIC/TD/074.



MACHINING DEVIATIONS FOR LINEAR DIMENSIONS CLASS - MEDIUM	RANGE	0.5 – 3	3 – 6	6 – 30	30 – 120	120 – 400	400 – 1000	1000 – 2000	2000 – 4000
	TOLERANCE	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1					GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2				
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920					VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302.				
WELDING SHALL BE CARRIED OUT AS PER EN 15085-3		WELDING PROCESS SHALL BE AS PER EN ISO-4063				STATUS:	PROTO/PRODUCTION		
WELDING SYMBOLS SHALL BE AS PER EN ISO-2553		WELDING POSITIONS SHALL BE AS PER EN ISO 6947							
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 5817									
WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN 15085-3				INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN 15085-5					



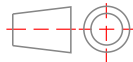
DETAIL-A
2:1



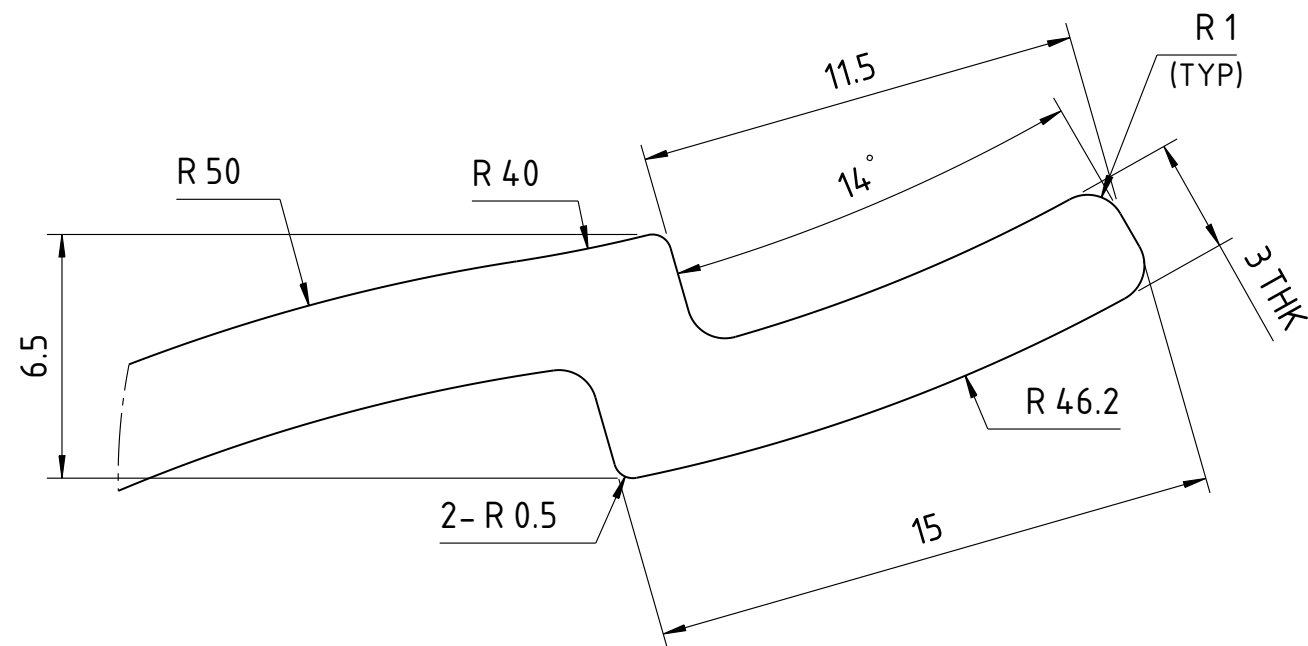
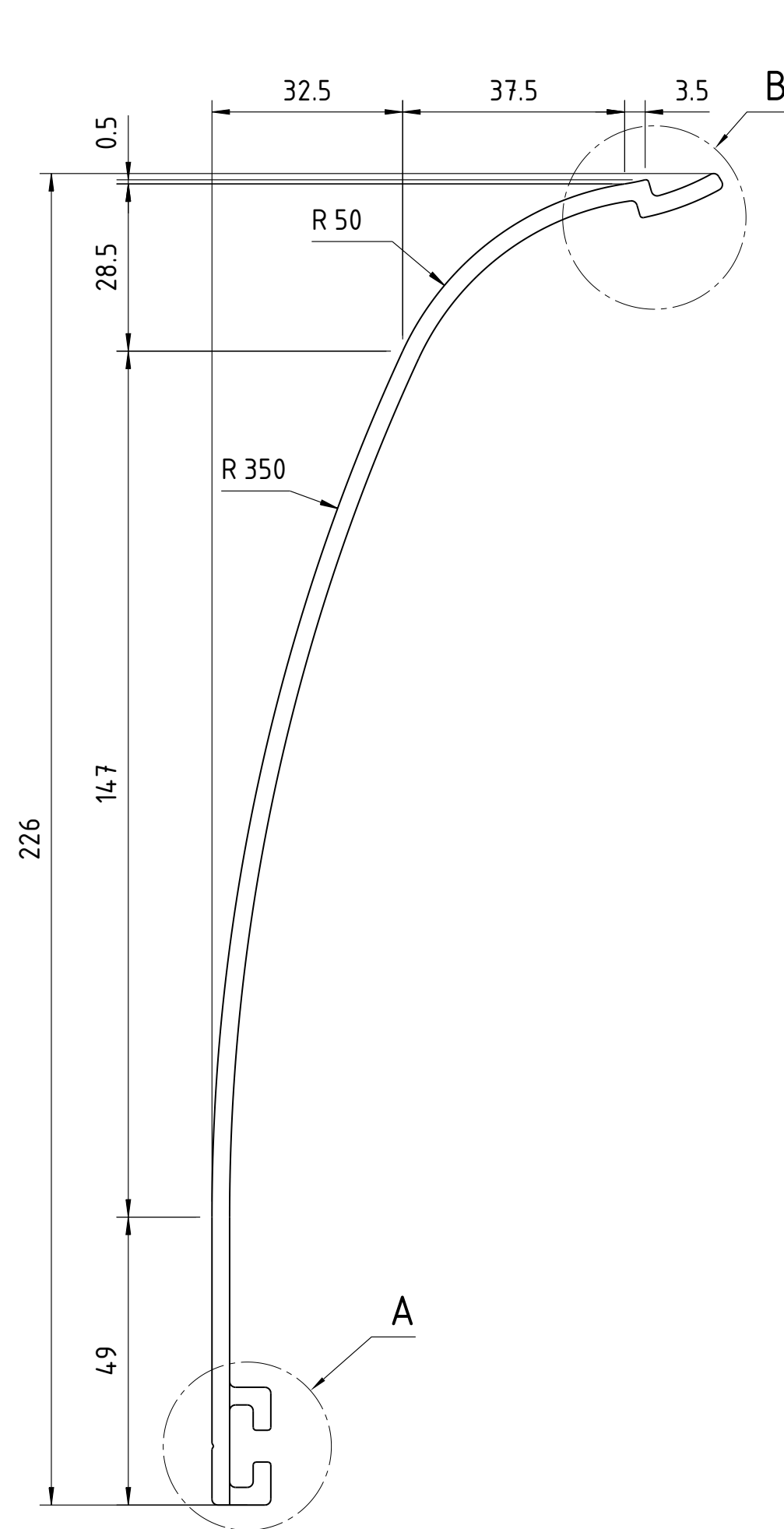
ISOMETRIC VIEW

UN CONTROLLED

SL NO	PART NO	DESCRIPTION
1	843-16195-300	AS DRAWN
2	843-16195-301	OPP HAND DRAWN

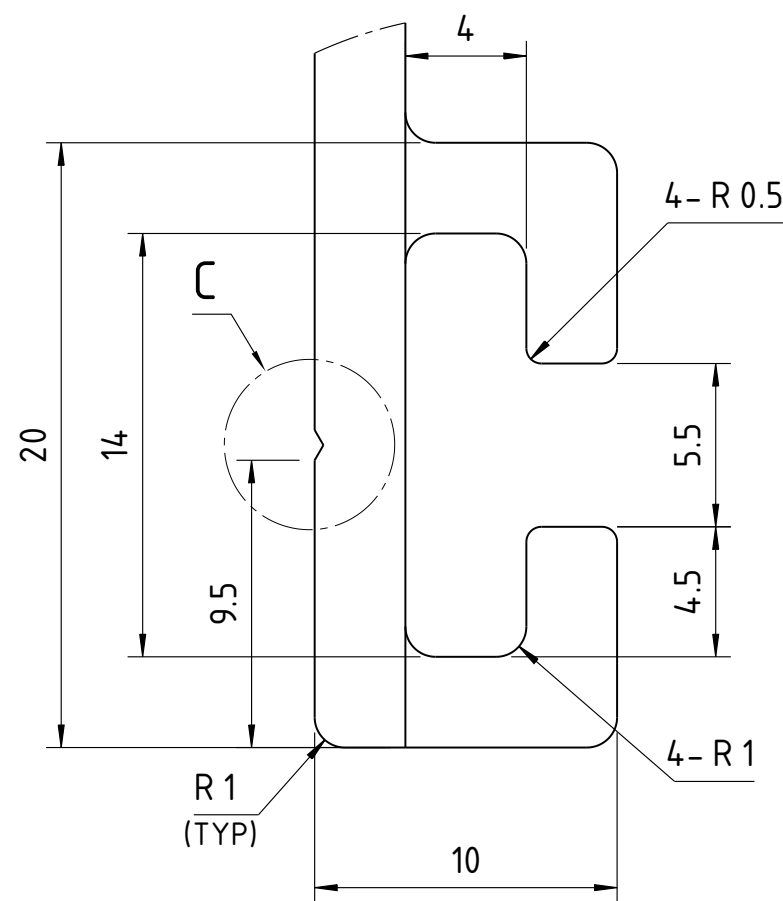
		843-16806								226x185x3THK							
SL.No.		QTY		PART / STOCK No.				DESCRIPTION				SIZE (mm)		COMPANY STD./I.S Wt. (Kg)			
														MATERIAL			
						PRODUCT		TRAIN B28									
						REF DRG		---									
						MATERIAL		EN AW-6060-T6, EN 755 / A 6060-T6 ASTM B221									
						HEAT TREAT.		---				APPD		KRISHNA PRASAD		05.02.26	
						SURFACE TREAT.		---				REVD		KRISHNA PRASAD		05.02.26	
						TITLE		COVER PROFILE,EXHAUST				CHKD		SANTOSH KUMAR		05.02.26	
												DRWN		ARTI KUMARI		05.02.26	
												SCALE				SHEET	
												2:5		1 OF 1		0.42	
												DRG No.		843-16195			
ALT.No.		ECN No./CHANGES				DATE		BY		CHKD		APPD		ALT			
																	
														BANGALORE COMPLEX			

3		2					1				
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS CLASS - MEDIUM		RANGE	0.5 - 3	3 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000	
		TOLERANCE	+0.1	+0.1	+0.2	+0.3	+0.5	+0.8	+1.2	+2	
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1						GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2					
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920						VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302.					
WELDING SHALL BE CARRIED OUT AS PER EN 15085-3				WELDING PROCESS SHALL BE AS PER EN ISO-4063			STATUS: PROTO/PRODUCTION				
WELDING SYMBOLS SHALL BE AS PER EN ISO-2553				WELDING POSITIONS SHALL BE AS PER EN ISO 6947							
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 5817											
WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN 15085-3				INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN 15085-5							



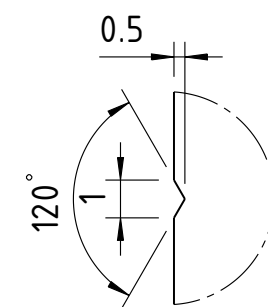
DETAIL-B

5:1



DETAIL-A

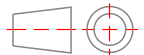
5:1



DETAIL-C

5:1

UN CONTROLLED

		----					---							
SL.No.	QTY	PART / STOCK No.				DESCRIPTION				SIZE (mm)	COMPANY STD./I/S		Wt. (Kg)	
											MATERIAL			
						PRODUCT	TRAIN B28							
						REF DRG	--							
						MATERIAL	EN AW-6060-T6, EN 755 / A 6060-T6 ASTM B221							
						HEAT TREAT.	--	APPD	KRISHNA PRASAD		05.02.26			
						SURFACE TREAT.	--	REVD	KRISHNA PRASAD		05.02.26			
						TITLE	COVER PROFILE, EXHAUST	CHKD	SANTOSH KUMAR		05.02.26			
								DRWN	ARTI KUMARI		05.02.26			
								SCALE		SHEET	1 OF 1		Wt.(kg)	
								1:1			---			
							DRG No.	743-16806						
ALT.No.	ECN No./CHANGES				DATE	BY	CHKD	APPD	BANGALORE  COMPLEX					

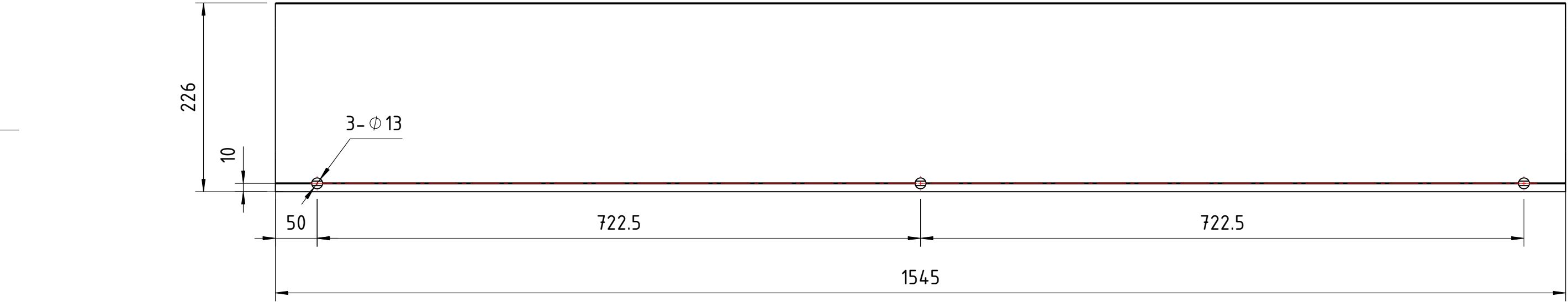
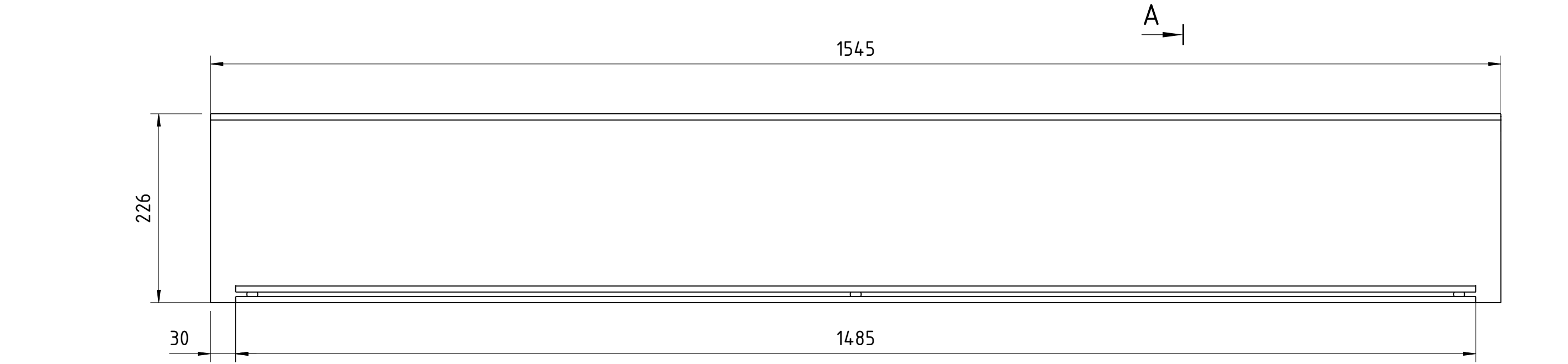
NOTES:

1. ALL DIMENSIONS ARE IN mm.
2. DIMENSIONAL TOLERANCES AS PER IS EN 755-9 / ANSI H35.2.
3. UNDIMENSIONED FILLET SHALL BE R0.5.
4. REMOVE ALL SHARP EDGES AND BURRS.
5. THE EXTRUSION SHALL BE ANODIZED AS PER IS 1868 TO GRADE AC10.

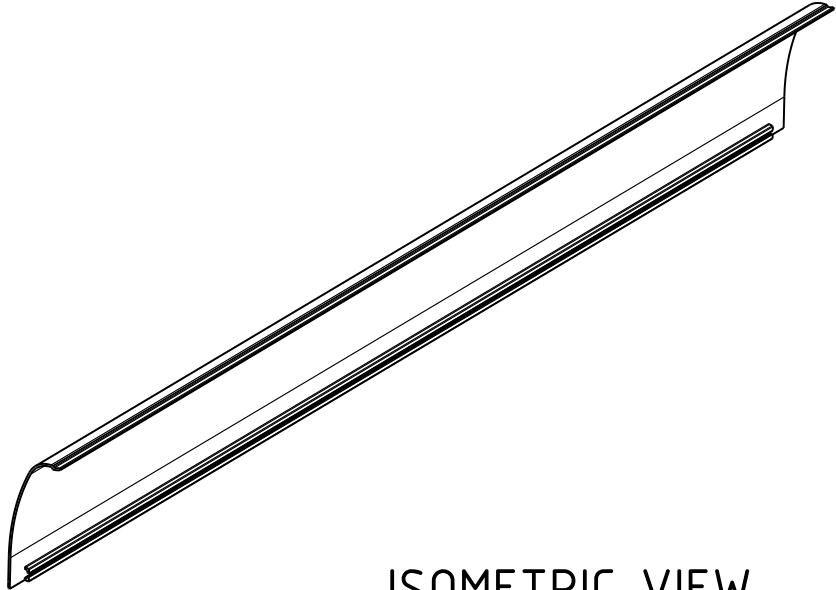
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GRADE No.	N1	N2	N3	N4	N5	N6	N7	N8	N9	N10	N11	N12	
VALUE	0.025	0.05	0.1	0.2	0.4	0.8	1.6	3.2	6.3	12.5	25	50	
SYMBOL													
SURFACE ROUGHNESS													



AUXILIARY VIEW-B

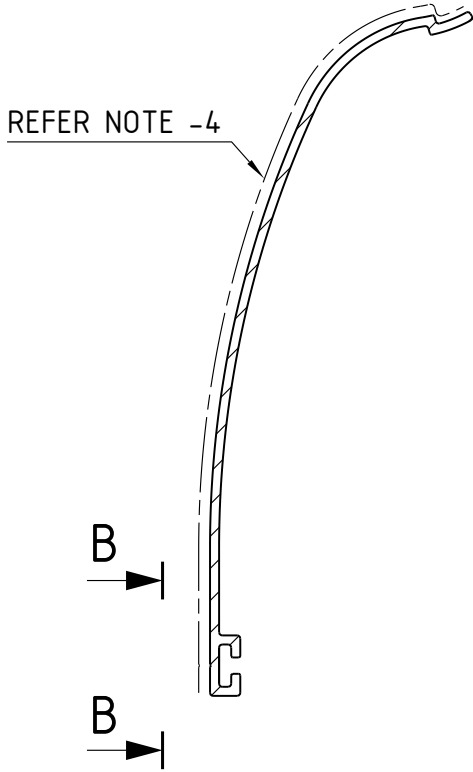


ISOMETRIC VIEW

NOTES:

1. ALL DIMENSIONS ARE IN mm.
2. REMOVE ALL SHARP EDGES & BURRS.
3. COMPELTE SURFACE SHALL BE ANODIZED AS PER IS 1868 TO GRADE AC10.
4. SHOWN SURFACE SHALL BE POWDER COATED TO RAL 7048 , 30% GLOSSINES / SATIN.
5. SHALL COMPLY TO TDC NO. FPIIC/TD/074.

		2										1									
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS CLASS - MEDIUM		RANGE	0.5 - 3		3 - 6		6 - 30		30 - 120		120 - 400		400 - 1000		1000 - 2000		2000 - 4000				
		TOLERANCE	±0.1		±0.1		±0.2		±0.3		±0.5		±0.8		±1.2		±2				
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1										GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2											
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920										VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302.											
WELDING SHALL BE CARRIED OUT AS PER EN 15085-3						WELDING PROCESS SHALL BE AS PER EN ISO-4063				STATUS:		PROTO/PRODUCTION									
WELDING SYMBOLS SHALL BE AS PER EN ISO-2553						WELDING POSITIONS SHALL BE AS PER EN ISO 6947															
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 5817																					
WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN 15085-3										INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN 15085-5											

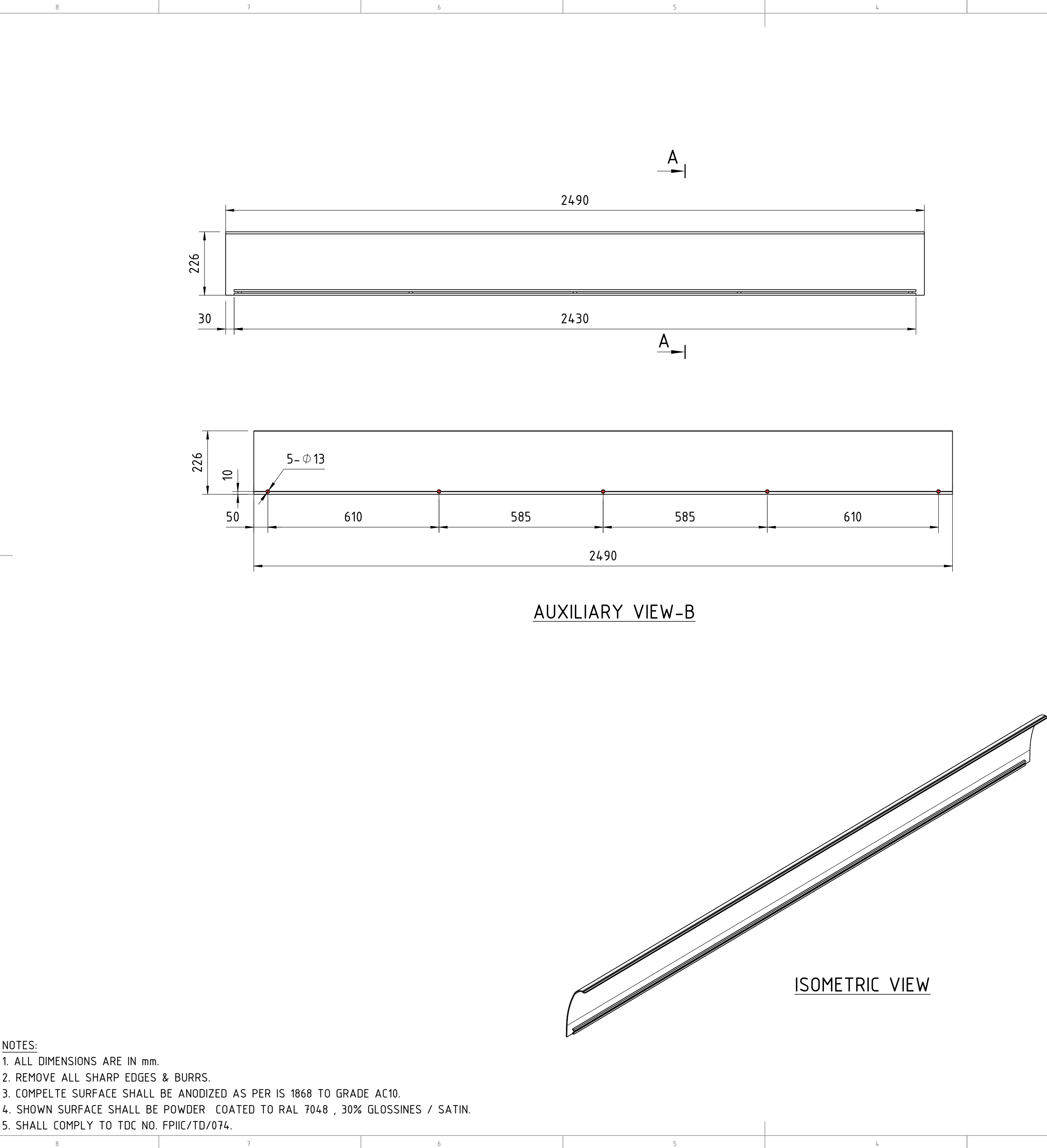


SECTION A-A

2.5

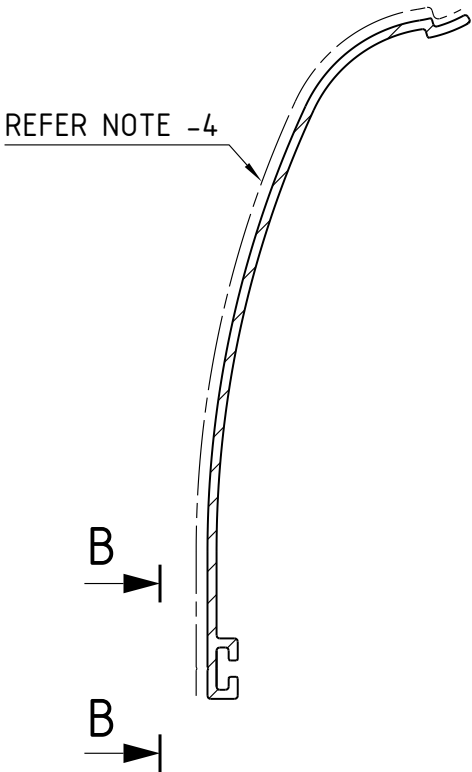
UN CONTROLLED

		843-16806								1545x226x3THK							
SL.No.	QTY	PART / STOCK No.				DESCRIPTION				SIZE (mm)		COMPANY STD./I.S		Wt. (Kg)			
												MATERIAL					
						PRODUCT	TRAIN B28										
						REF DRG	--										
						MATERIAL	EN AW-6060-T6, EN 755 / A 6060-T6 ASTM B221										
						HEAT TREAT.	--	APPD	KRISHNA PRASAD		25.03.26						
						SURFACE TREAT.	--	REVD	KRISHNA PRASAD		25.03.26						
						TITLE	COVER PROFILE, EXHAUST	CHKD	SANTOSH KUMAR		25.03.26						
								DRWN	ARTI KUMARI		25.03.26						
								SCALE		SHEET	1 OF 1		Wt.(kg)				
								1:5					3.62				
										DRG No.		ALT					
ALT.No.		ECN No./CHANGES				DATE	BY	CHKD	APPD	 BANGALORE COMPLEX				845-16156			
																	



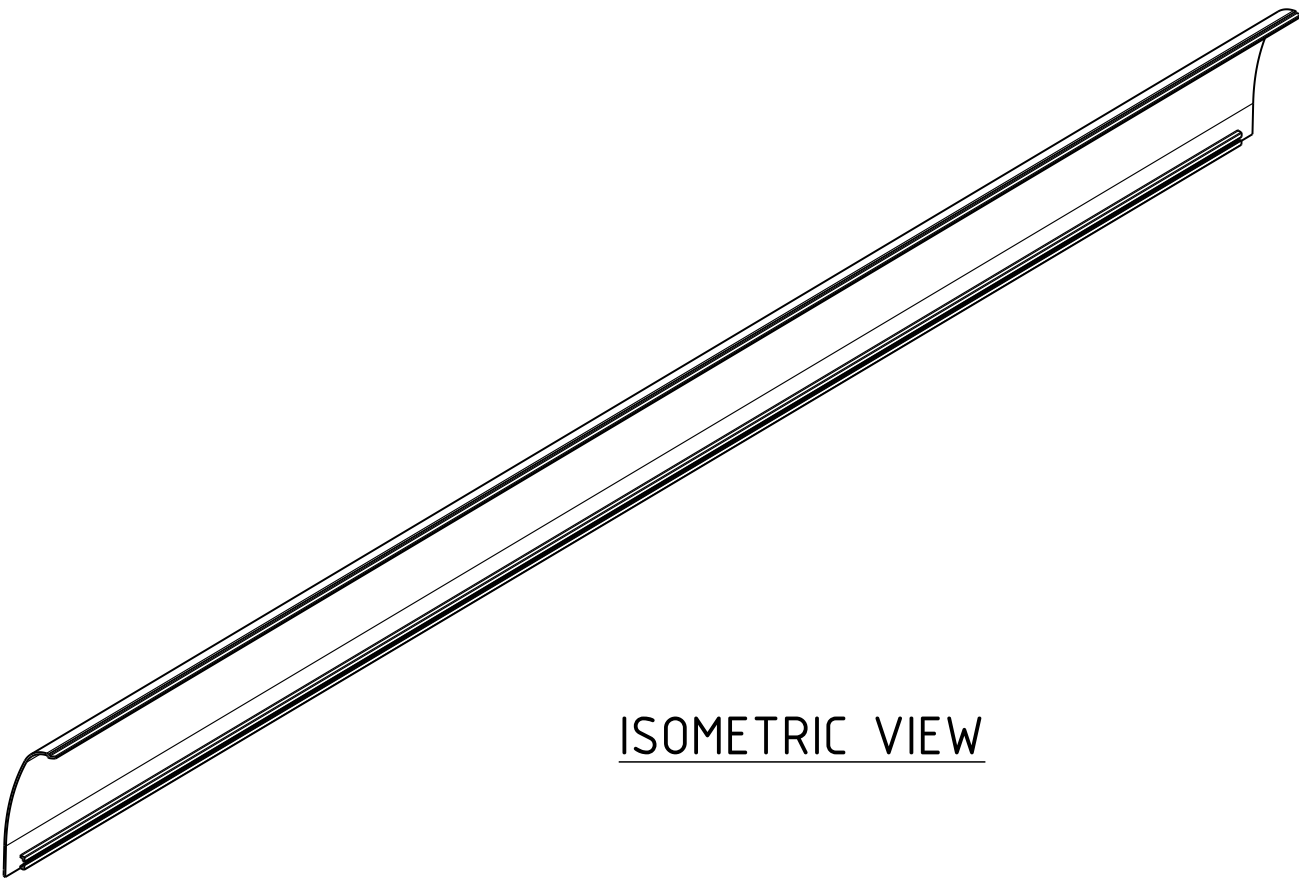
- NOTES:
1. ALL DIMENSIONS ARE IN mm.
 2. REMOVE ALL SHARP EDGES & BURRS.
 3. COMPELTE SURFACE SHALL BE ANODIZED AS PER IS 1868 TO GRADE AC10.
 4. SHOWN SURFACE SHALL BE POWDER COATED TO RAL 7048 , 30% GLOSSINES / SATIN.
 5. SHALL COMPLY TO TDC NO. FPIIC/TD/074.

3		2						1			
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS CLASS - MEDIUM		RANGE	0.5 - 3	3 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000	
		TOLERANCE	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1							GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2				
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920							VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302.				
WELDING SHALL BE CARRIED OUT AS PER EN 15085-3				WELDING PROCESS SHALL BE AS PER EN ISO-4063			STATUS: PROTO/PRODUCTION				
WELDING SYMBOLS SHALL BE AS PER EN ISO-2553				WELDING POSITIONS SHALL BE AS PER EN ISO 6947							
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 5817											
WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN 15085-3							INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN 15085-5				



SECTION A-A
2.5

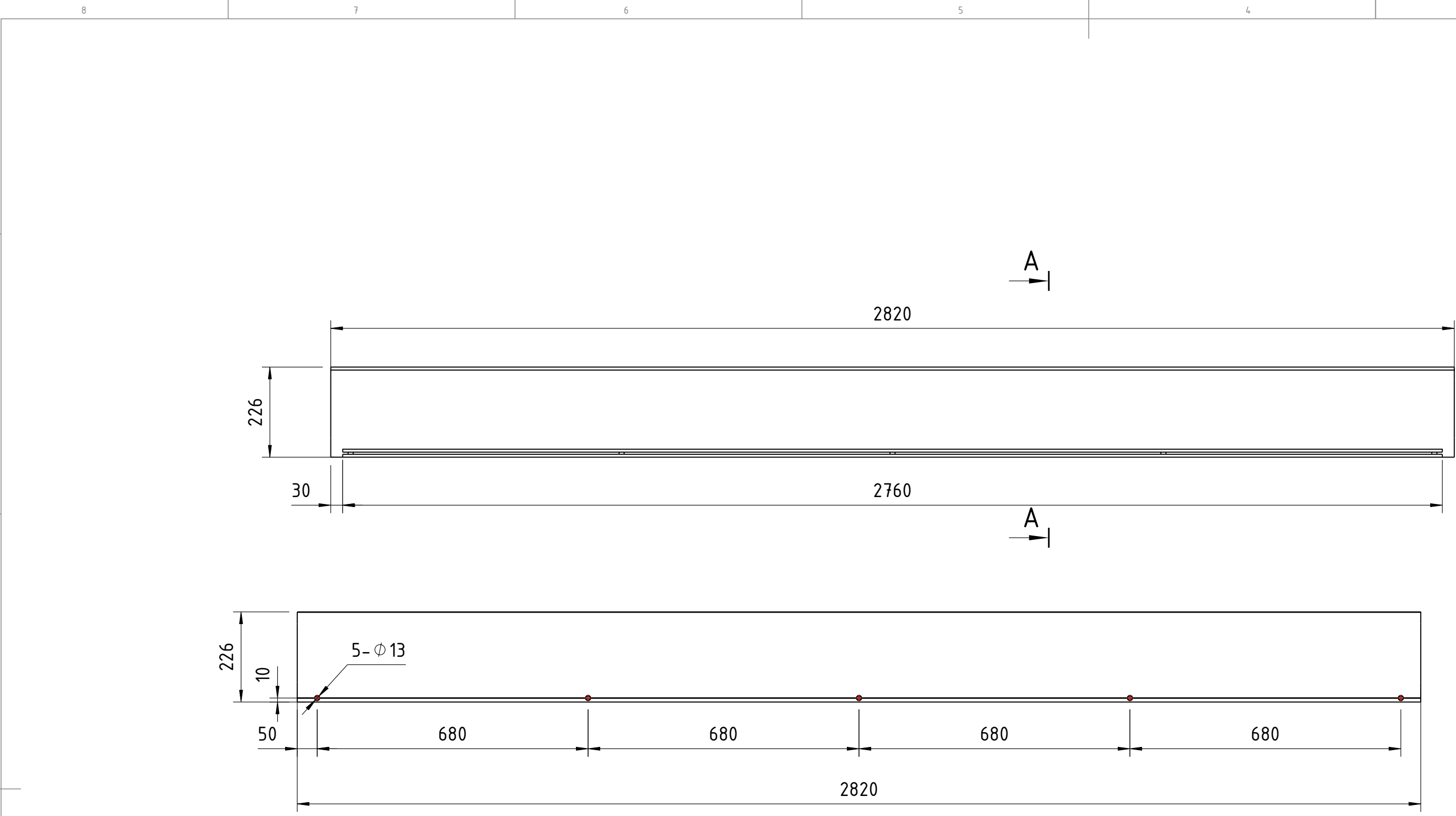
AUXILIARY VIEW-B



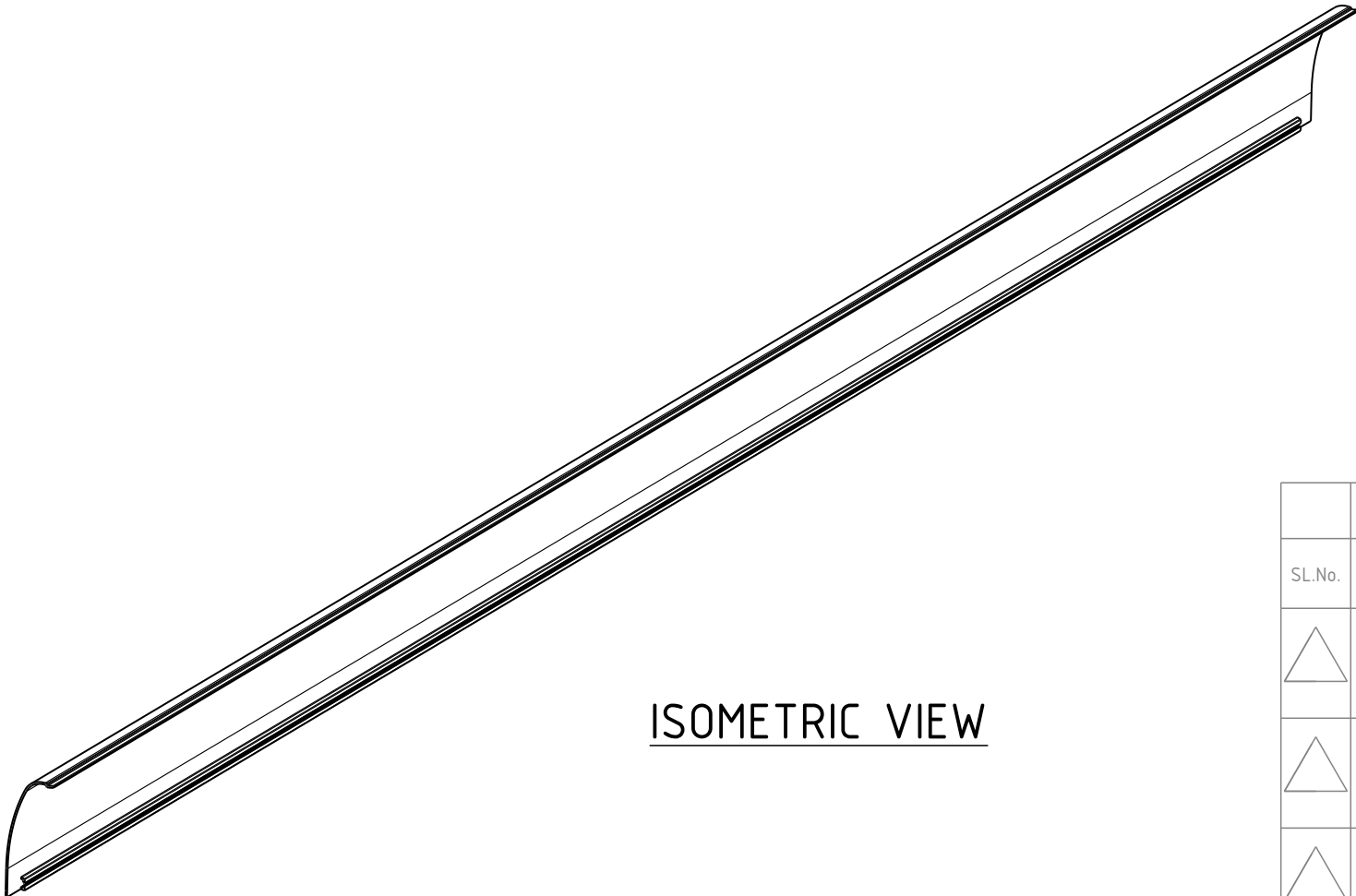
ISOMETRIC VIEW

UN CONTROLLED

		843-16806		2490x226x3THK			
SL.No.	QTY	PART / STOCK No.		DESCRIPTION	SIZE (mm)	COMPANY STD./I.S	Wt. (Kg)
				PRODUCT	TRAIN B28		
				REF DRG	--		
				MATERIAL	EN AW-6060-T6, EN 755 / A 6060-T6 ASTM B221		
				HEAT TREAT.	--	APPD KRISHNA PRASAD	25.03.26
				SURFACE TREAT.	--	REVD KRISHNA PRASAD	25.03.26
				TITLE	COVER PROFILE, EXHAUST		
				CHKD	SANTOSH KUMAR		
				DRWN	ARTI KUMARI		
				SCALE	1:10	SHEET 1 OF 1	Wt.(kg) 5.85
	ALT.No.	ECN No./CHANGES		DATE	BY	CHKD	APPD
						BANGALORE COMPLEX	
						845-16150	
						ALT 0	



AUXILIARY VIEW-B

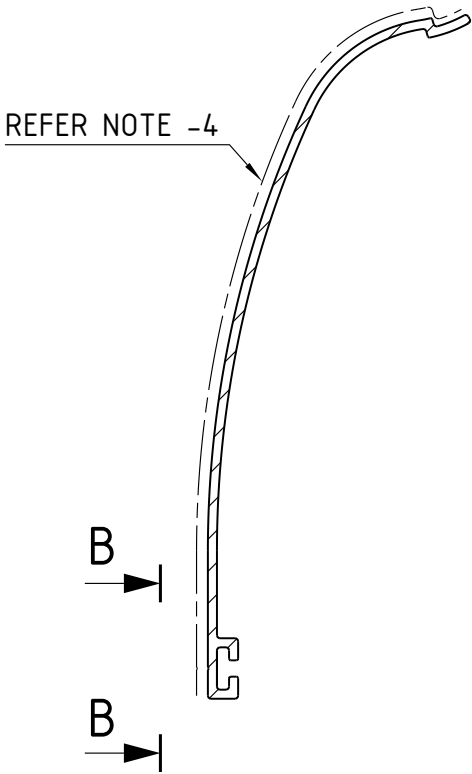


ISOMETRIC VIEW

NOTES:

1. ALL DIMENSIONS ARE IN mm.
2. REMOVE ALL SHARP EDGES & BURRS.
3. COMPELTE SURFACE SHALL BE ANODIZED AS PER IS 1868 TO GRADE AC10.
4. SHOWN SURFACE SHALL BE POWDER COATED TO RAL 7048 , 30% GLOSSINES / SATIN.
5. SHALL COMPLY TO TDC NO. FPIIC/TD/074.

3		2				1			
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS CLASS - MEDIUM	RANGE	0.5 - 3	3 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000
	TOLERANCE	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1					GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2				
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920					VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302.				
WELDING SHALL BE CARRIED OUT AS PER EN 15085-3			WELDING PROCESS SHALL BE AS PER EN ISO-4063			STATUS:		PROTO/PRODUCTION	
WELDING SYMBOLS SHALL BE AS PER EN ISO-2553			WELDING POSITIONS SHALL BE AS PER EN ISO 6947						
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 5817			INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN 15085-5						



SECTION A-A

2:5

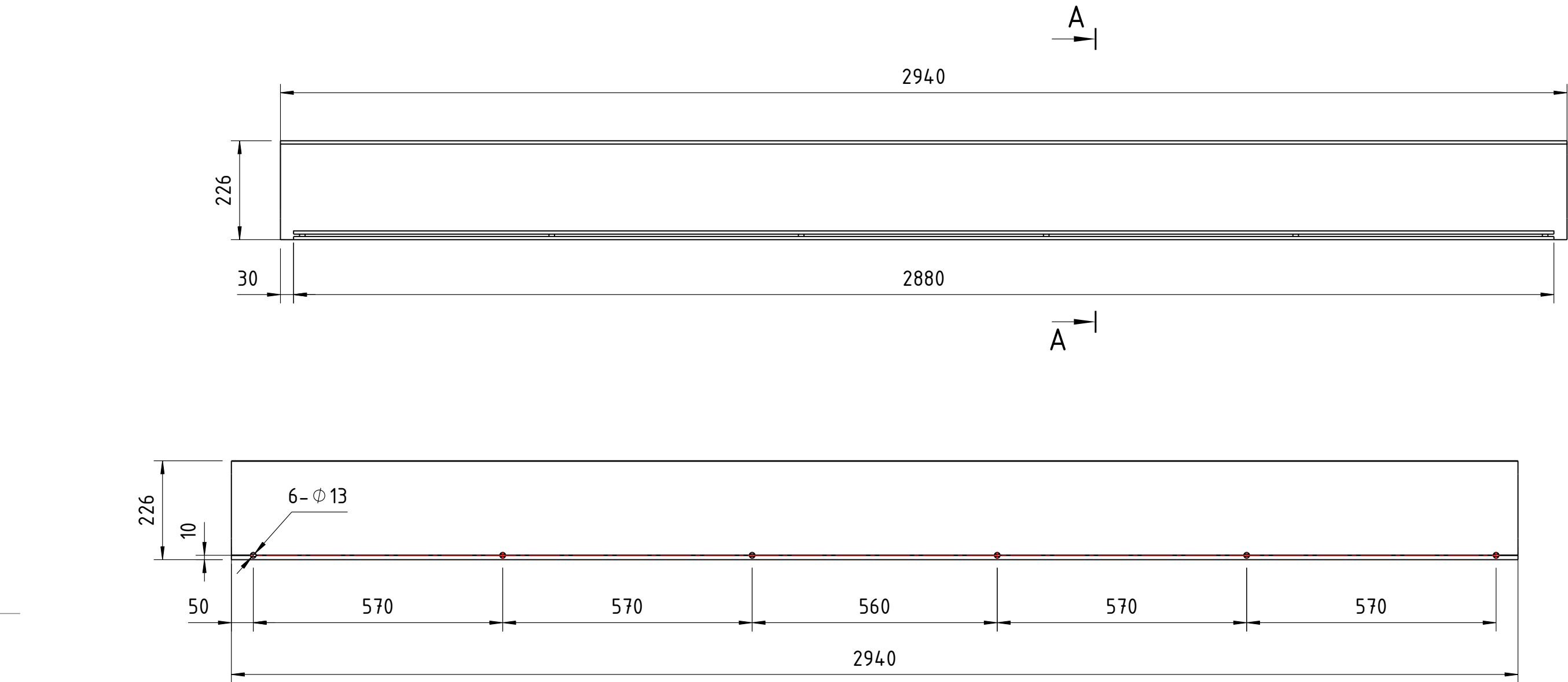
UN CONTROLLED

		843-16806				2820x226x3THK					
SL.No.	QTY	PART / STOCK No.				DESCRIPTION		SIZE (mm)		COMPANY STD./I.S	Wt. (Kg)
										MATERIAL	
						PRODUCT	TRAIN B28				
						REF DRG	--				
						MATERIAL	EN AW-6060-T6, EN 755 / A 6060-T6 ASTM B221				
						HEAT TREAT.	--	APPD	KRISHNA PRASAD	25.03.26	
						SURFACE TREAT.	--	REVD	KRISHNA PRASAD	25.03.26	
						TITLE	COVER PROFILE, EXHAUST	CHKD	SANTOSH KUMAR	25.03.26	
								DRWN	ARTI KUMARI	25.03.26	
								SCALE		SHEET	Wt.(kg)
								1:10		1 OF 1	6.62
								DRG No.		ALT	
ALT.No.		ECN No./CHANGES		DATE	BY	CRKD	APPD			845-16149	
								BANGALORE COMPLEX			

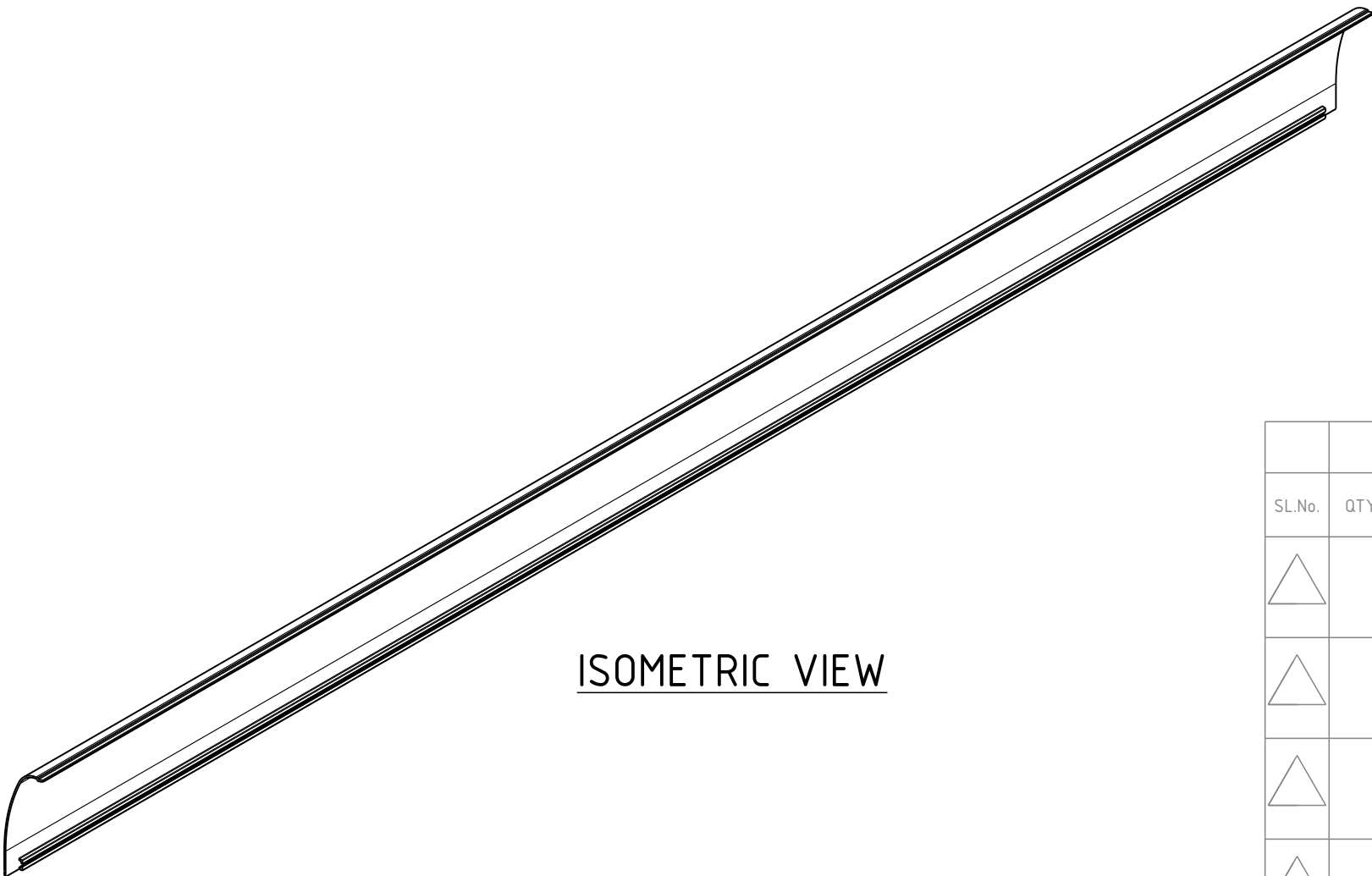
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GRADE No.	N1	N2	N3	N4	N5	N6	N7	N8	N9	N10	N11	N12	
VALUE	0.025	0.05	0.1	0.2	0.4	0.8	1.6	3.2	6.3	12.5	25	50	
SYMBOL													
SURFACE ROUGHNESS													



AUXILIARY VIEW-B

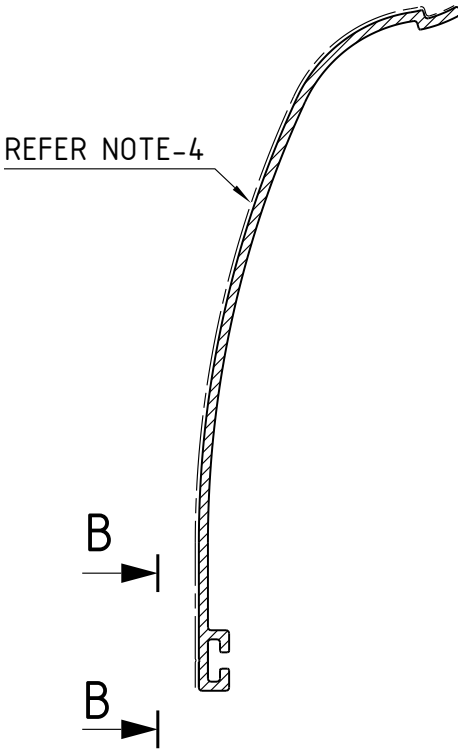


ISOMETRIC VIEW

NOTES:

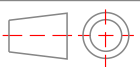
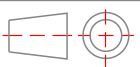
1. ALL DIMENSIONS ARE IN mm.
2. REMOVE ALL SHARP EDGES & BURRS.
3. COMPELTE SURFACE SHALL BE ANODIZED AS PER IS 1868 TO GRADE AC10.
4. SHOWN SURFACE SHALL BE POWDER COATED TO RAL 7048 , 30% GLOSSINES / SATIN.
5. SHALL COMPLY TO TDC NO. FPIIC/TD/074.

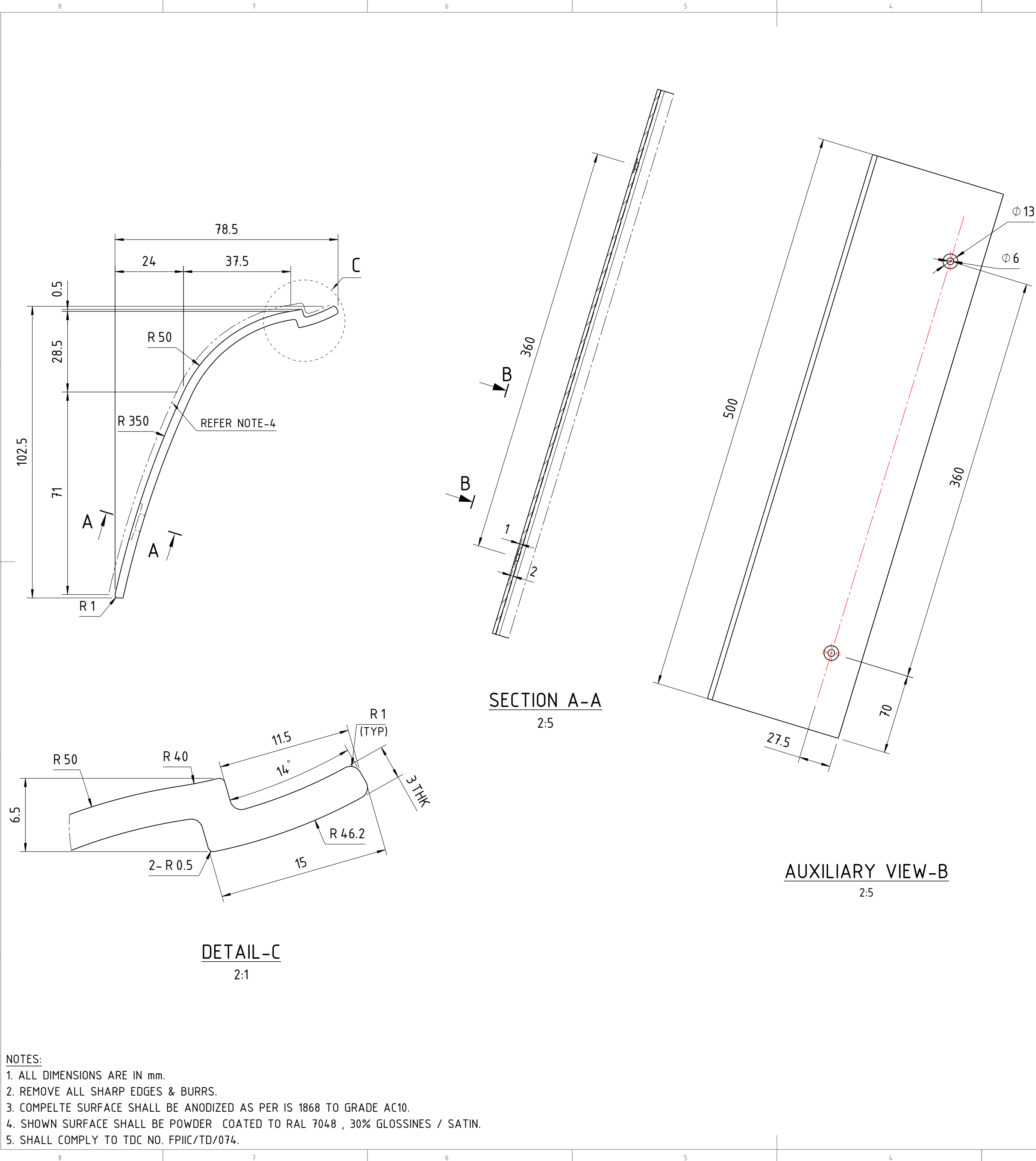
3		2					1				
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS CLASS - MEDIUM	RANGE	0.5 - 3	3 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000		
	TOLERANCE	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2		
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1					GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2						
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920					VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302.						
WELDING SHALL BE CARRIED OUT AS PER EN 15085-3			WELDING PROCESS SHALL BE AS PER EN ISO-4063			STATUS:		PROTO/PRODUCTION			
WELDING SYMBOLS SHALL BE AS PER EN ISO-2553			WELDING POSITIONS SHALL BE AS PER EN ISO 6947								
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 5817			WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN 15085-3			INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN 15085-5					



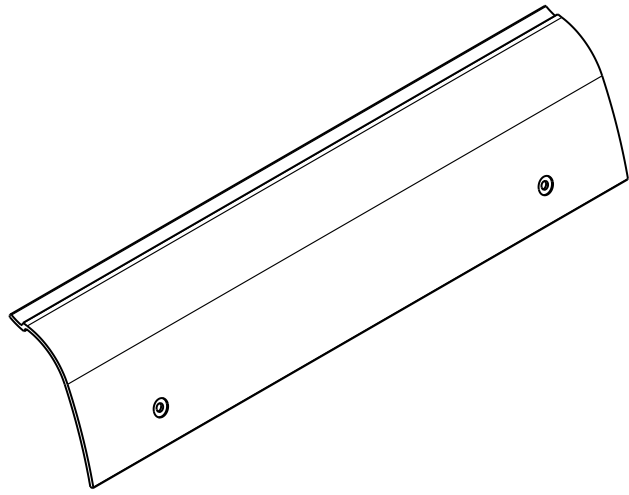
SECTION A-A
2:5

UN CONTROLLED

		843-16806				2940x226x3THK					
SL.No.	QTY	PART / STOCK No.				DESCRIPTION		SIZE (mm)		COMPANY STD./I.S	Wt. (Kg)
										MATERIAL	
						PRODUCT	TRAIN B28				
						REF DRG	--				
						MATERIAL	EN AW-6060-T6, EN 755 / A 6060-T6 ASTM B221				
						HEAT TREAT.	--	APPD	KRISHNA PRASAD	25.03.26	
						SURFACE TREAT.	--	REVD	KRISHNA PRASAD	25.03.26	
						TITLE	COVER PROFILE, EXHAUST	CHKD	SANTOSH KUMAR	25.03.26	
								DRWN	ARTI KUMARI	25.03.26	
								SCALE		SHEET	Wt.(kg)
								1:10		1 OF 1	6.91
						BANGALORE		DRG No.		845-16148	
ALT.No.		ECN No./CHANGES		DATE	BY	CHKD	APPD			ALT	
								BANGALORE COMPLEX		0	

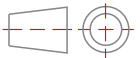


3		2					1				
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS CLASS - MEDIUM		RANGE	0.5 - 3	3 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000	
		TOLERANCE	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1						GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2					
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920						VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302.					
WELDING SHALL BE CARRIED OUT AS PER EN 15085-3				WELDING PROCESS SHALL BE AS PER EN ISO-4063		STATUS:		PROTO/PRODUCTION			
WELDING SYMBOLS SHALL BE AS PER EN ISO-2553				WELDING POSITIONS SHALL BE AS PER EN ISO 6947							
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 5817											
WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN 15085-3						INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN 15085-5					

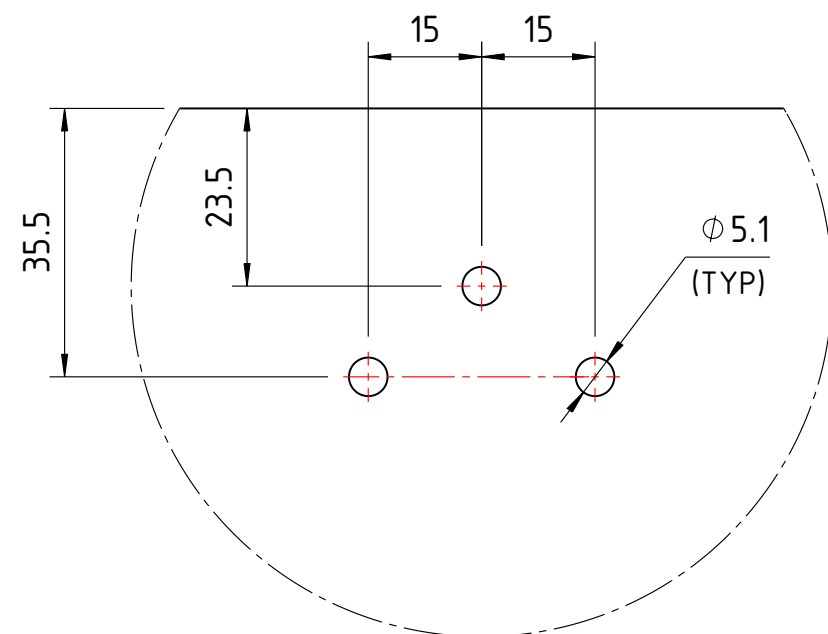
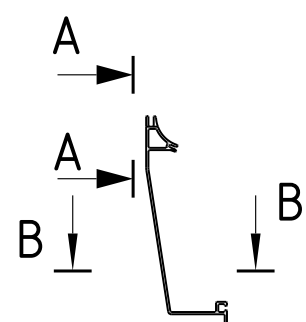
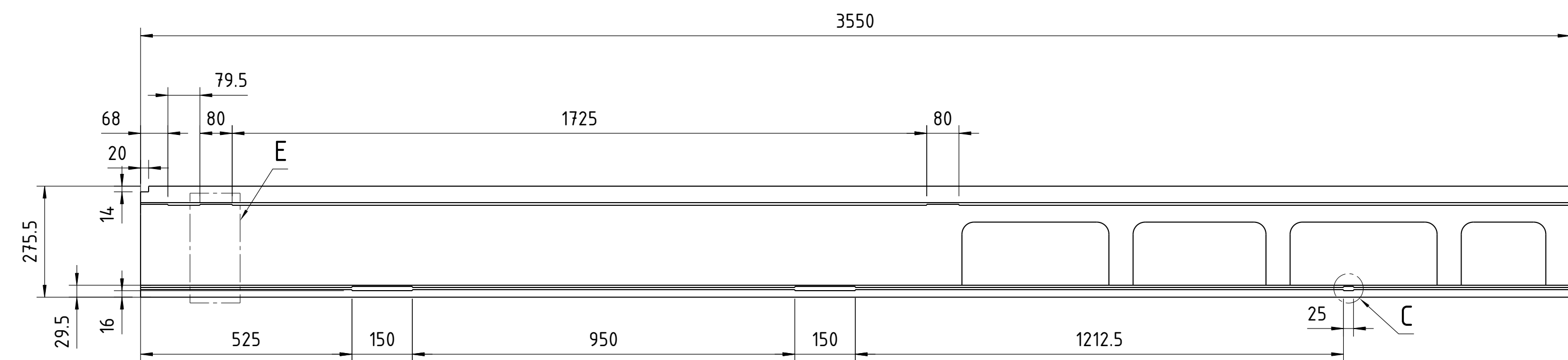


ISOMETRIC VIEW

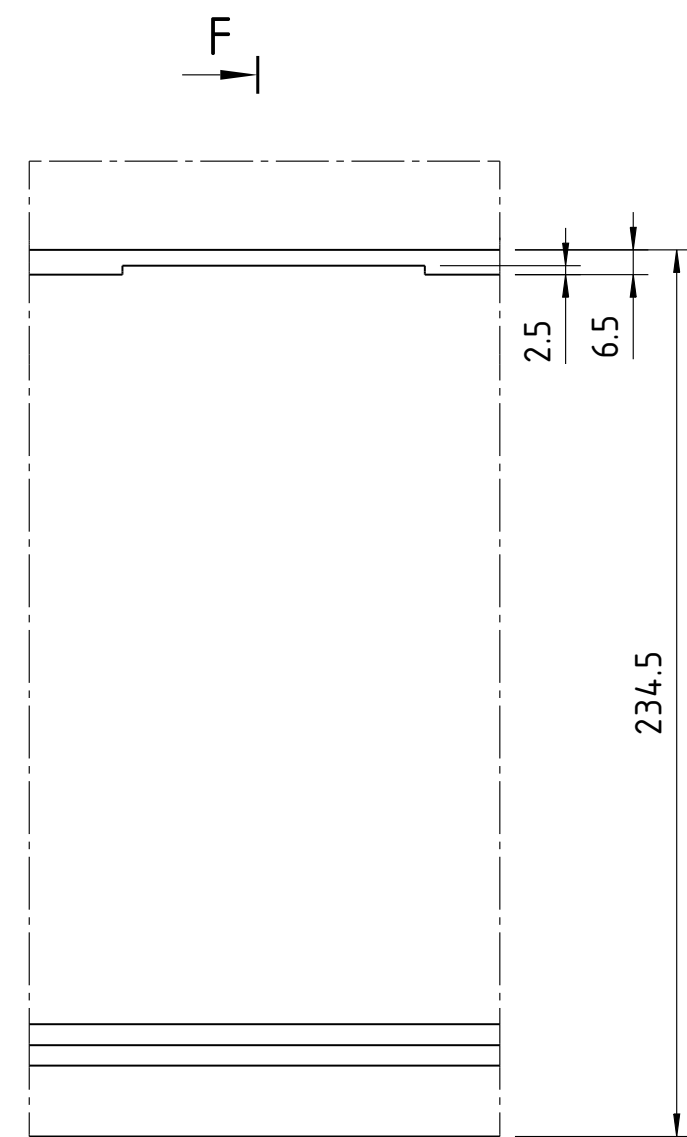
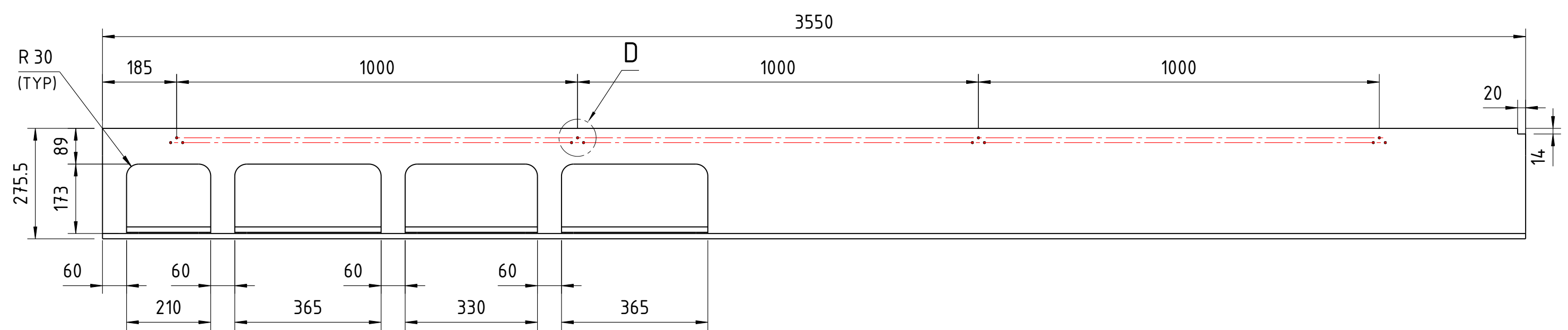
UN CONTROLLED

		843-16806				500x226x3THK							
SL.No.	QTY	PART / STOCK No.		DESCRIPTION		SIZE (mm)		COMPANY STD./I.S	Wt. (Kg)				
								MATERIAL					
					PRODUCT	TRAIN B28							
					REF DRG	--							
					MATERIAL	EN AW-6060-T6, EN 755 / A 6060-T6 ASTM B221							
					HEAT TREAT.	--	APPD	KRISHNA PRASAD	16.02.26				
					SURFACE TREAT.	--	REVD	KRISHNA PRASAD	16.02.26				
					TITLE	COVER PROFILE, EXHAUST		CHKD	SANTOSH KUMAR	16.02.26			
								DRWN	ARTI KUMARI	16.02.26			
								SCALE		SHEET	1 OF 1	Wt.(kg)	0.58
ALT.No.	ECN No./CHANGES		DATE	BY	CHKD	APPD	DRG No.		844-16153		ALT		
3						2		1		A			

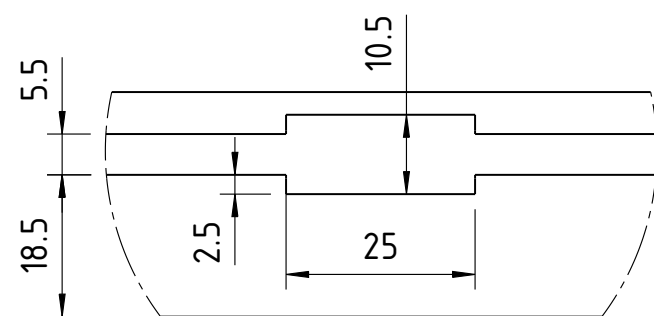
3		2		1					
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS		3		1					
RANGE	0.5 - 3	3 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000	
CLASS - MEDIUM	TOLERANCE	+0.1	+0.1	+0.2	+0.3	+0.5	+0.8	+1.2	+2
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1				GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2					
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920				VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1392					
WELDING SHALL BE CARRIED OUT AS PER EN ISO 9589-3				WELDING PROCESS SHALL BE AS PER EN ISO 4063					
WELDING JOINTS SHALL BE AS PER EN ISO 2553				WELDING POSITIONS SHALL BE AS PER EN ISO 6947					
QUALITY LEVEL FOR IMPERFECTIONS IN FUSED WELDED JOINTS SHALL BE AS PER EN ISO 8187				STATUS					
WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN ISO 9589-1				INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN ISO 9589-5					



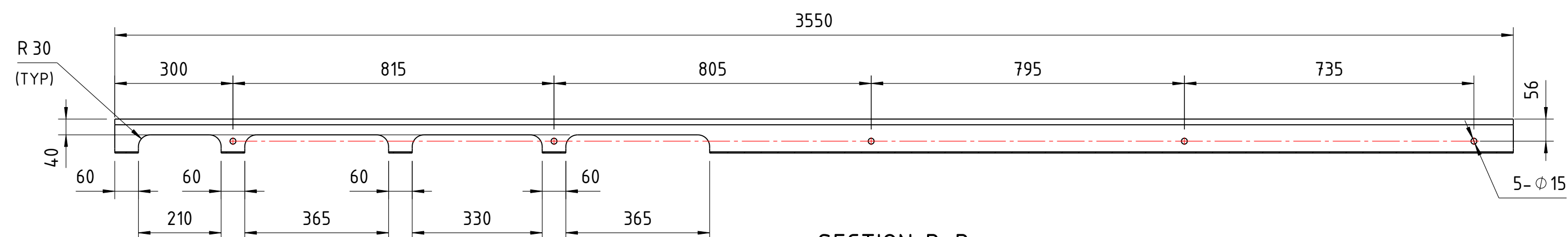
DETAIL-D
1:1



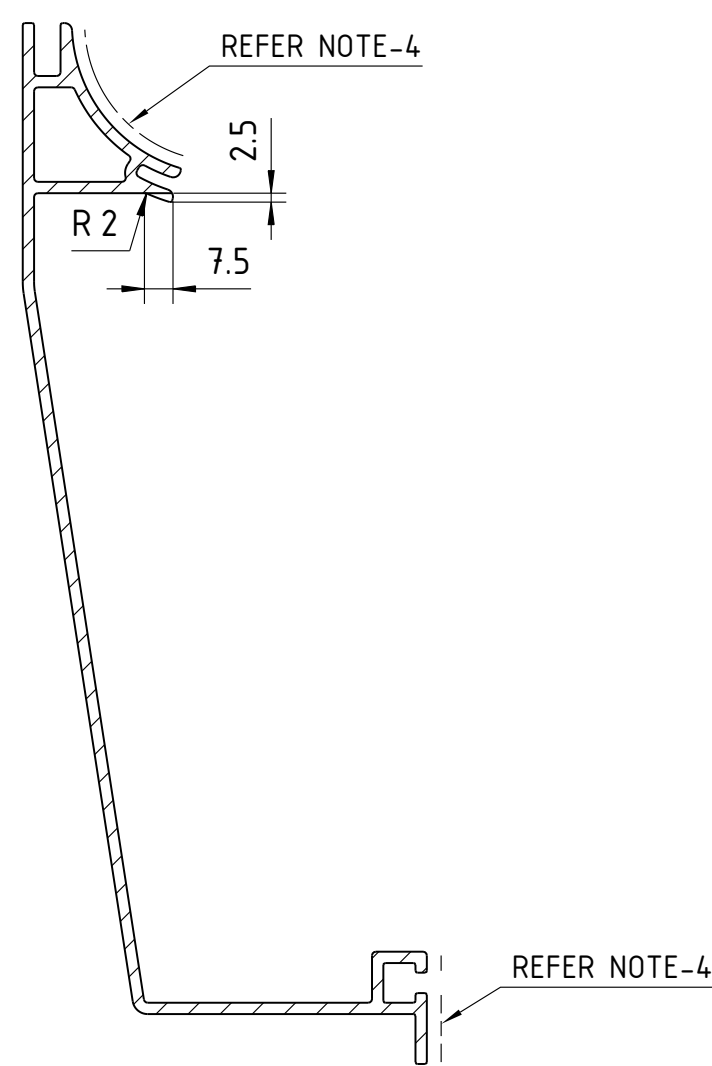
DETAIL-E
1:2



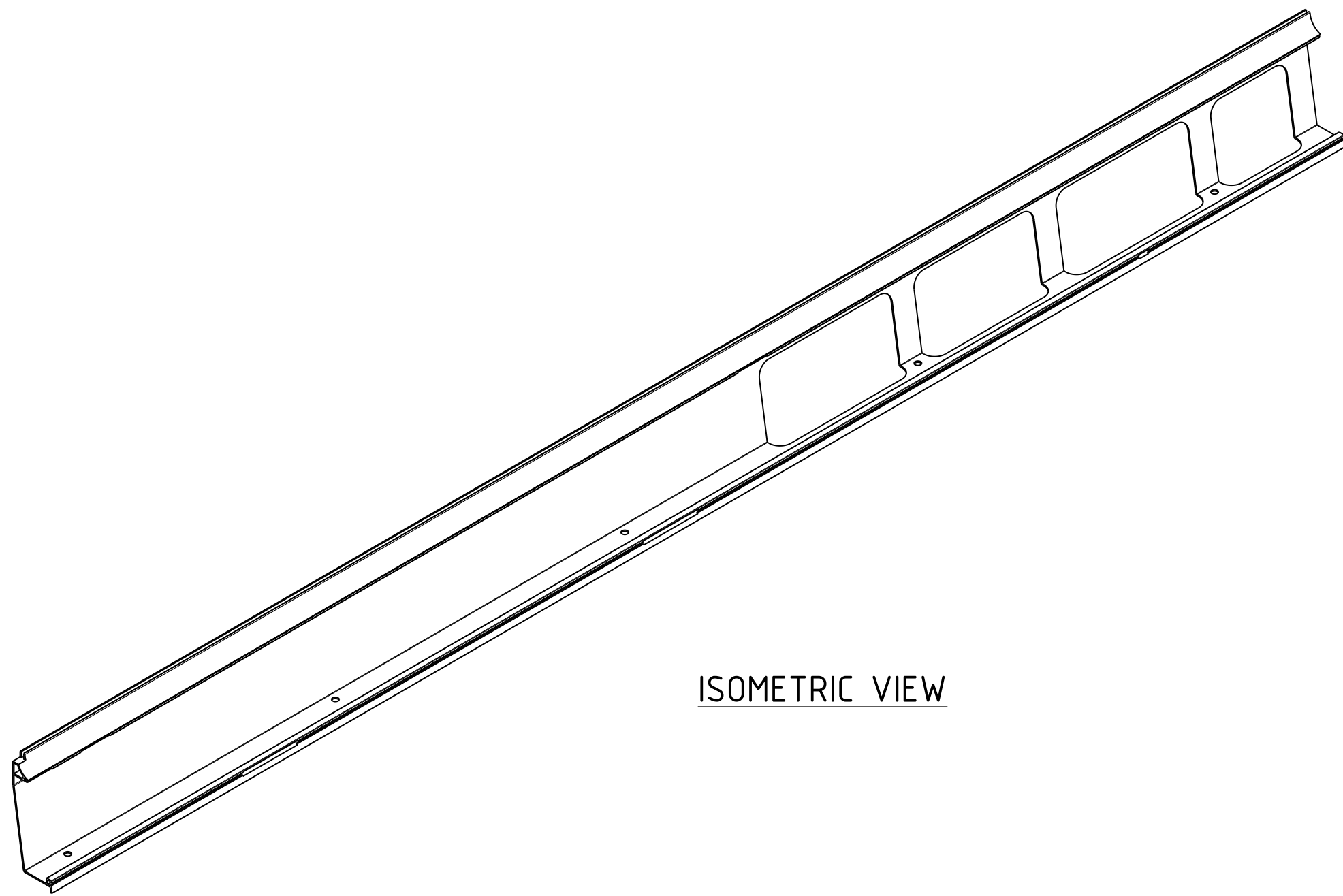
DETAIL-C
1:1



SECTION B-B



SECTION F-F
1:2



ISOMETRIC VIEW

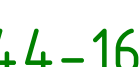
UN CONTROLLED

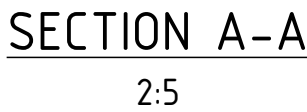
SL NO	PART NO	DESCRIPTION
1	845-16145-300	AS DRAWN
2	845-16145-301	OPP HAND DRAWN

[illegible]

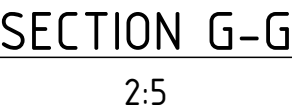
NOTES:

1. ALL DIMENSIONS ARE IN mm.
2. REMOVE ALL SHARP EDGES & BURRS.
3. COMPLETE SURFACE SHALL BE ANODIZED AS PER IS 1868 TO GRADE AC10.
4. SHOWN SURFACE SHALL BE POWDER COATED TO RAL 7048 , 30% GLOSSINES / SATIN.
5. SHALL COMPLY TO TDC NO. FPIIC/TD/074.

		843-16805				4x00x275.5x3THK			
SL.No.	QTY	PART / STOCK No.		DESCRIPTION		SIZE (mm)		COMPANY STD./IS	Wt. (Kg)
								MATERIAL	
				PRODUCT					
				REF DRG	--				
				MATERIAL	EN AW-6060-T6, EN 755 / A 6060-T6 ASTM B221				
				HEAT TREAT	--	APPD	KRISHNA PRASAD	16.02.26	
				SURFACE TREAT	--	REVD	KRISHNA PRASAD	16.02.26	
				TITLE	DUCTING PROFILE, EXHAUST				
					CHKD	SANTOSH KUMAR		16.02.26	
					DRWN	ARTI KUMARI		16.02.26	
					SCALE			SHEET	Wt (kg)
ALT.No	ECN No./CHANGES	DATE	BY	ENG	APPD			1 of 1	12.51
				BANGALORE		DRG No.		ALT	
				COMPLEX		844-1659		0	

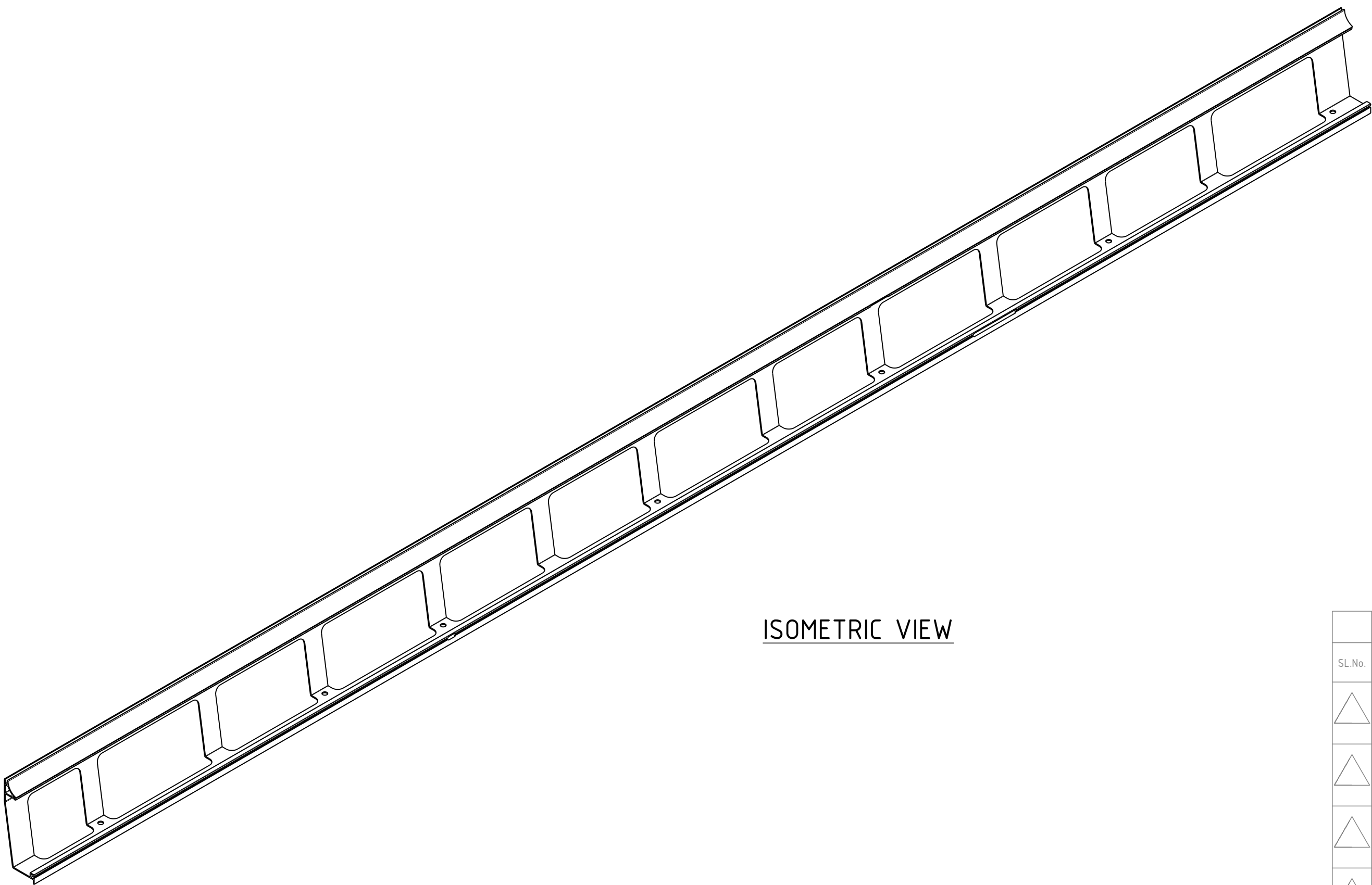


ISOMETRIC VIEW

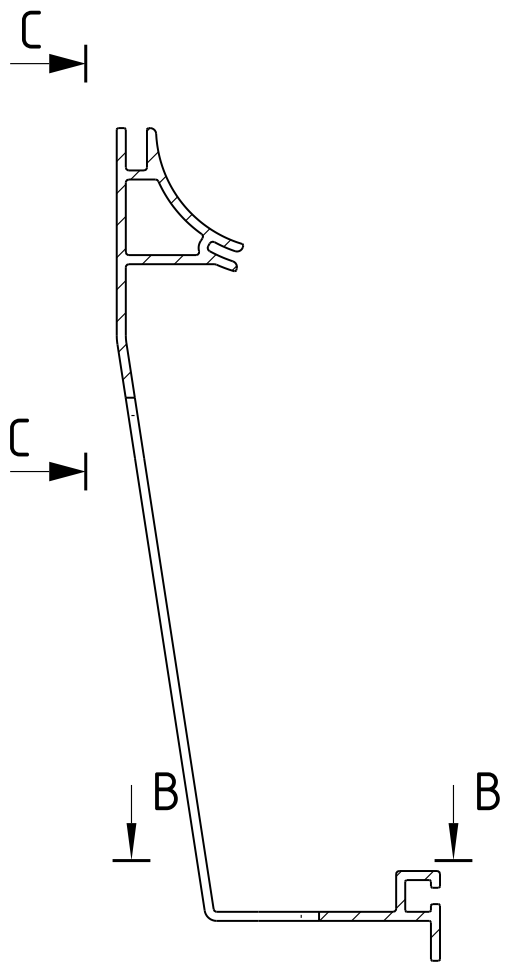


NOTES:

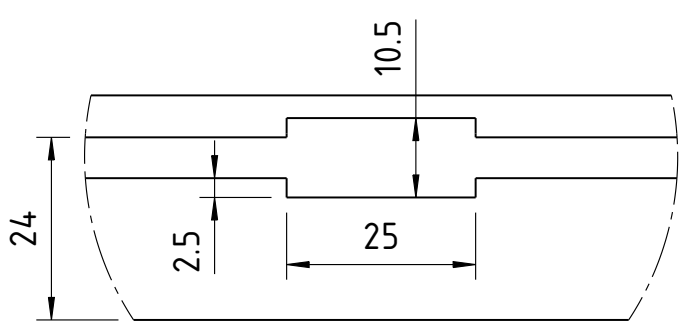
1. ALL DIMENSIONS ARE IN mm.
2. REMOVE ALL SHARP EDGES & BURRS.
3. COMPLETE SURFACE SHALL BE ANODIZED AS PER IS 1868 TO GRADE AC10.
4. SHOWN SURFACE SHALL BE POWDER COATED TO RAL 7040 , 30% GLOSSINES / SATIN
5. SHALL COMPLY TO DTD NO. FPIIC/TD/074.



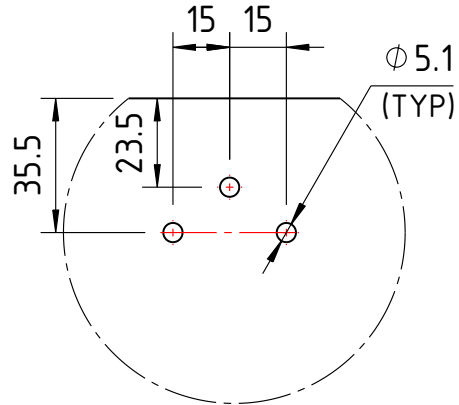
3		2		1	
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS		RANGE		0.5 - 3	
CLASS - MEDIUM		TOLERANCE		±0.1	
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1		3 - 6		±0.1	
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920		6 - 30		±0.2	
WELDING SHALL BE CARRIED OUT AS PER EN 15085-3		30 - 120		±0.3	
WELDING SYMBOLS SHALL BE AS PER EN ISO-2553		120 - 400		±0.5	
WELDING POSITIONS SHALL BE AS PER EN ISO 6947		400 - 1000		±0.8	
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 5817		1000 - 2000		±12	
WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN 15085-3		2000 - 4000		±2	
INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN 15085-5		VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302		STATUS:	
				PROTO/PRODUCTION	



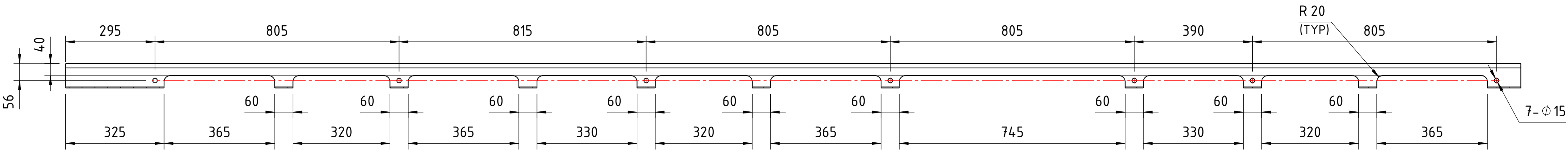
SECTION A-A
2:5



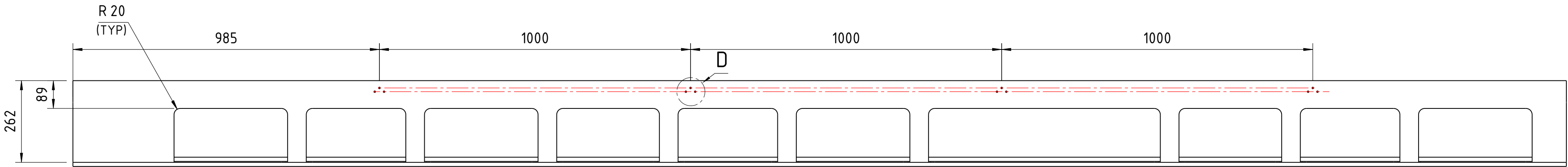
DETAIL-E
1:1



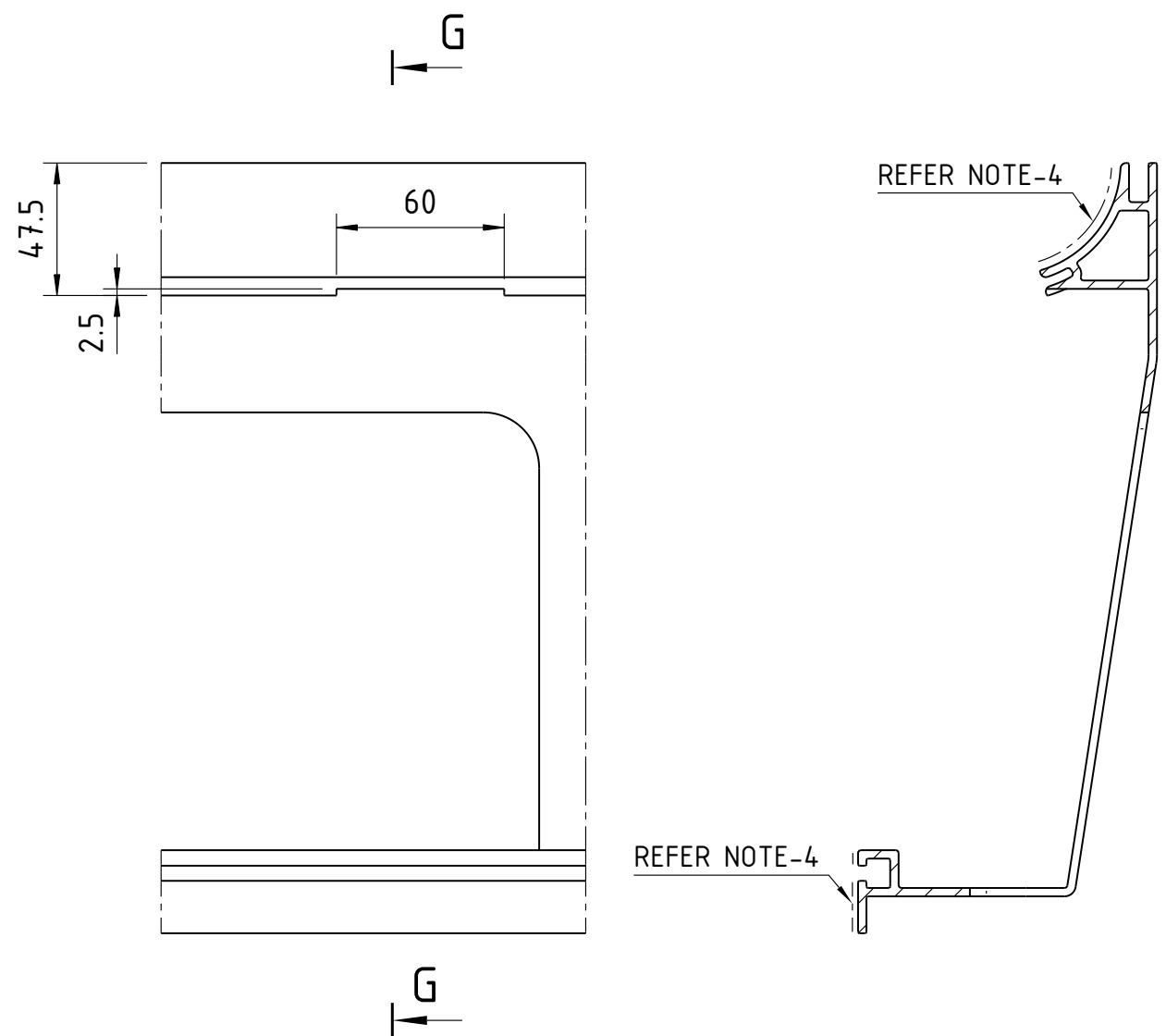
DETAIL-D
1:2



SECTION B-B

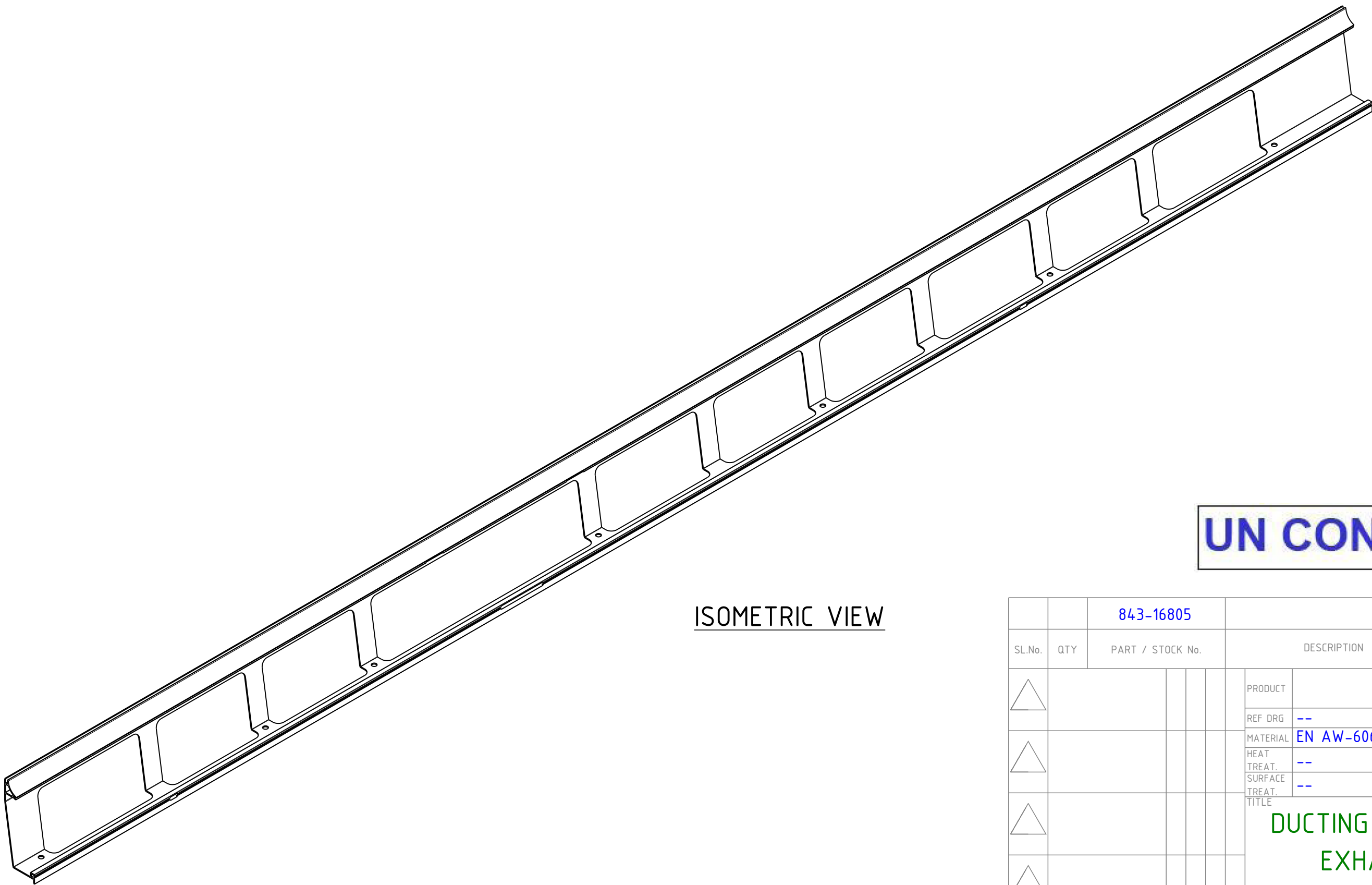


AUXILIARY VIEW-C



DETAIL-F
2:5

SECTION G-G
2:5



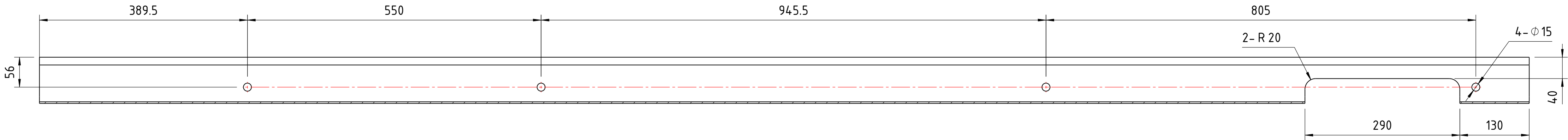
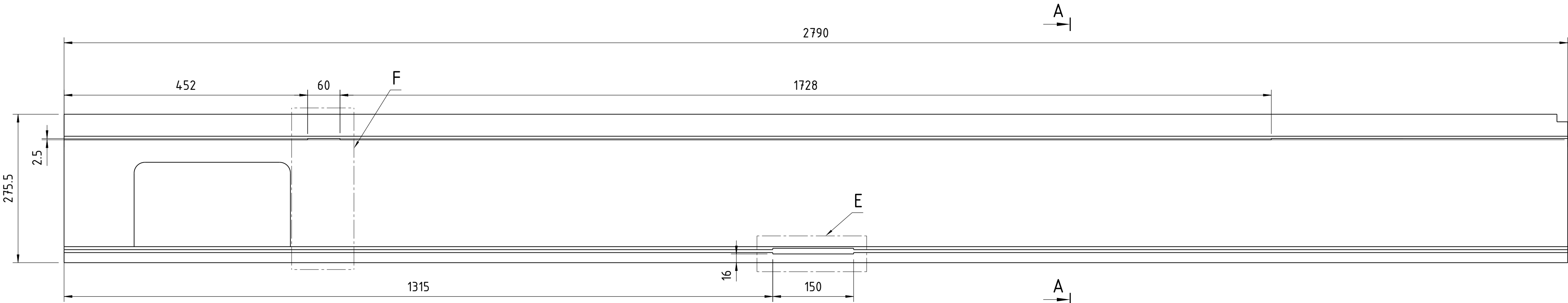
ISOMETRIC VIEW

UN CONTROLLED

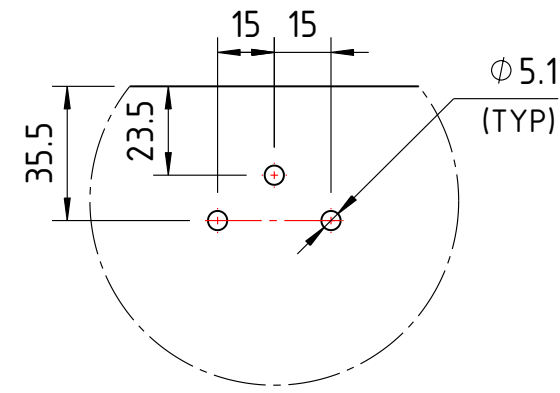
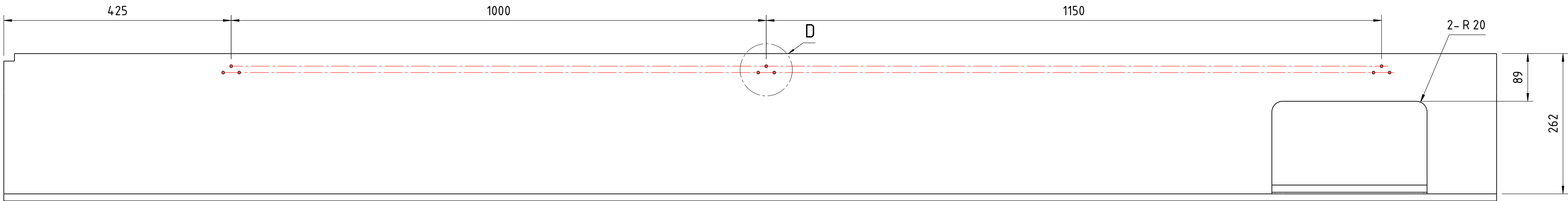
843-16805		4800x275.5x3THK			
SLNo.	QTY	PART / STOCK No.	DESCRIPTION	SIZE (mm)	COMPANY STD./LS
				MATERIAL	
				PRODUCT	
				REF. DRG	
				MATERIAL	
				HEAT TREAT.	
				SURFACE TREAT.	
				TITLE	
				SCALE	
				SHEET	
				Wt (kg)	
				1:10	
				1 of 1	
				12.72	
				BANGALORE COMPLEX	
				844-16158	
				A1	

- NOTES:
1. ALL DIMENSIONS ARE IN mm.
 2. REMOVE ALL SHARP EDGES & BURRS.
 3. COMPELTE SURFACE SHALL BE ANODIZED AS PER IS 1868 TO GRADE AC10.
 4. SHOWN SURFACE SHALL BE POWDER COATED TO RAL 7048 , 30% GLOSSINES / SATIN.
 5. SHALL COMPLY TO TDC NO. FPIC/TD/074.

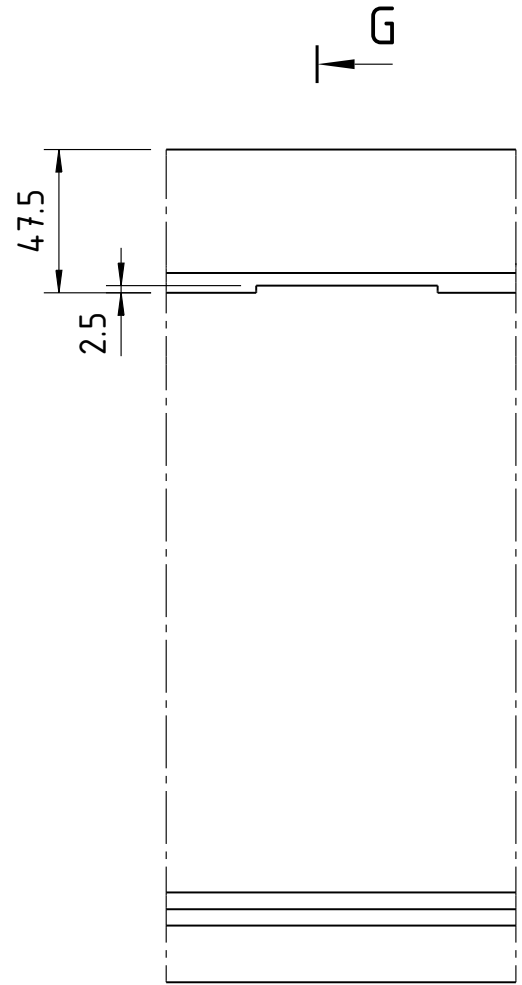
3		2		1	
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS		RANGE	0.5 - 3	3 - 6	6 - 30
CLASS - MEDIUM		TOLERANCE	±0.1	±0.1	±0.2
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1		GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2		VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302	
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920		WELDING SHALL BE CARRIED OUT AS PER EN 15085-3		WELDING PROCESS SHALL BE AS PER EN ISO 4063	
WELDING SYMBOLS SHALL BE AS PER EN ISO 2553		WELDING POSITIONS SHALL BE AS PER EN ISO 6947		STATUS:	
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 5817		WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN 15085-3		INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN 15085-5	
				PROTO/PRODUCTION	



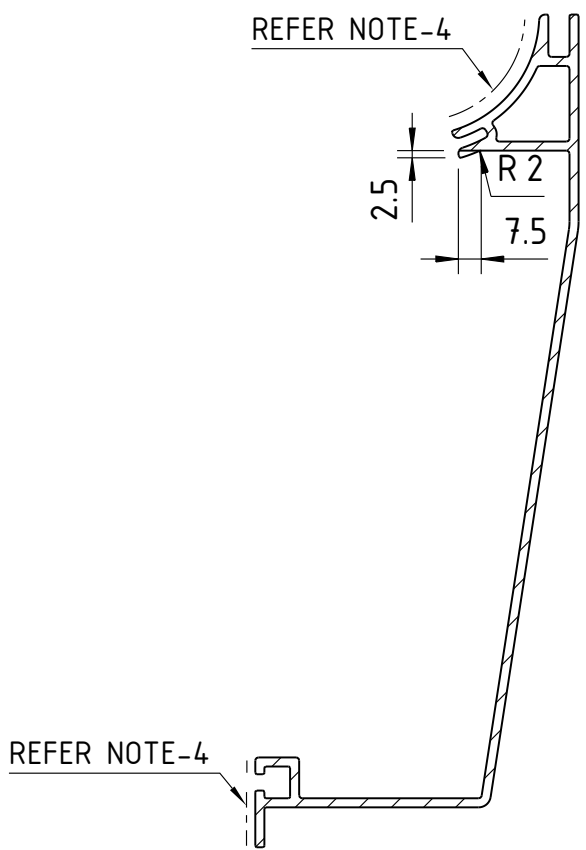
SECTION B-B



DETAIL-D
1:2

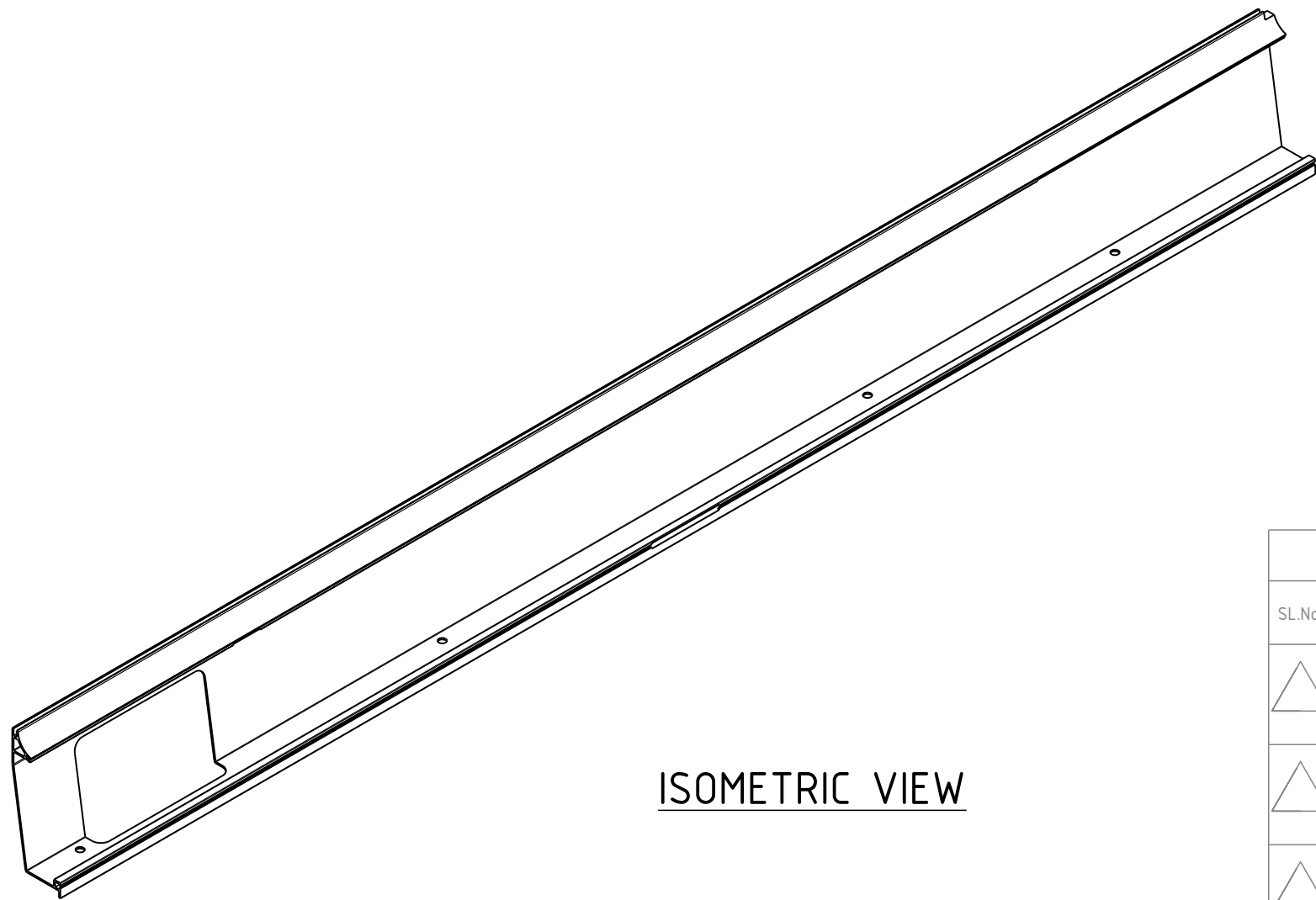


DETAIL-F
2:5

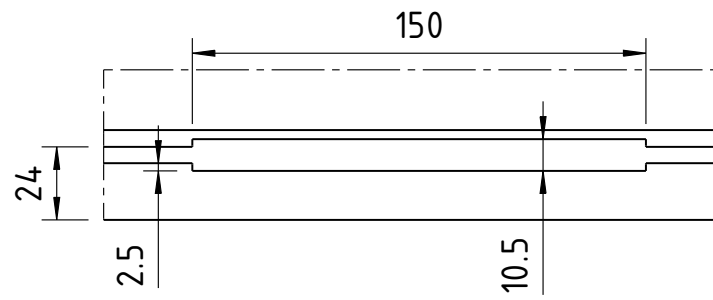


SECTION G-G
2:5

AUXILIARY VIEW-C



ISOMETRIC VIEW



DETAIL-E
2:5

UN CONTROLLED

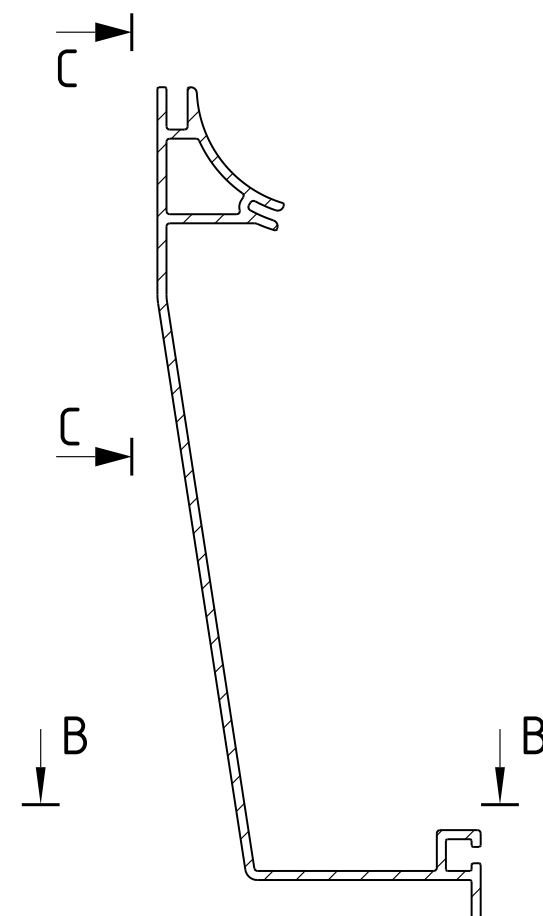
- NOTES:
1. ALL DIMENSIONS ARE IN mm.
 2. REMOVE ALL SHARP EDGES & BURRS.
 3. COMPELTE SURFACE SHALL BE ANODIZED AS PER IS 1868 TO GRADE AC10.
 4. SHOWN SURFACE SHALL BE POWDER COATED TO RAL 7048 , 30% GLOSSINES / SATIN.
 5. SHALL COMPLY TO TDC NO. FPIC/TD/074.

843-16805		2790x275.5x3THK			
SLNo.	QTY	PART / STOCK No.	DESCRIPTION	SIZE (mm)	COMPANY STD./IS
				MATERIAL	
				PRODUCT	
				REF. DRG	
				MATERIAL	
				HEAT TREAT.	
				SURFACE TREAT.	
				TITLE	
				SCALE	
				SHEET	
				DRG No.	
				ALT	
				0	
				A1	

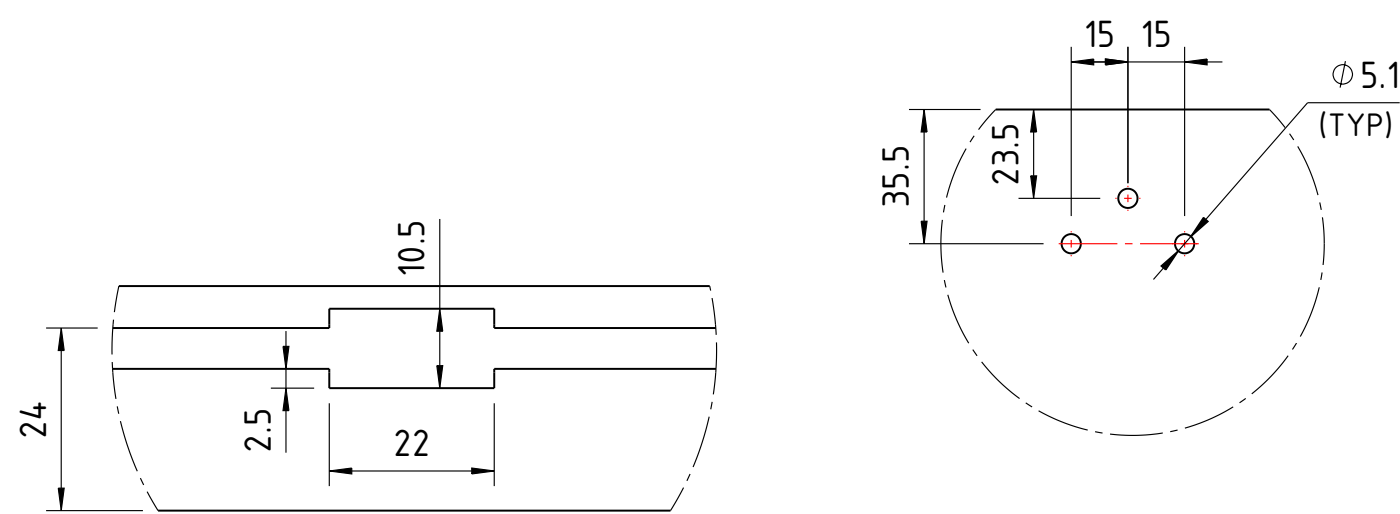
APPD	KRISHNA PRASAD	16.02.26
REV'D	KRISHNA PRASAD	16.02.26
CHK'D	SANTOSH KUMAR	16.02.26
DRWN	ARTI KUMARI	16.02.26
SCALE	1:5	
SHEET	1 of 1	
Wt (kg)	10.64	
ALT	0	

844-16155

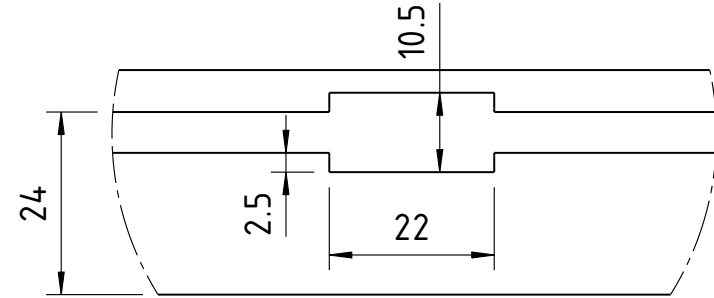
3		2				1				
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS		RANGE	0.5 - 3	3 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000
CLASS - MEDIUM	TOLERANCE		±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1						GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2				
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920						VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302				
WELDING SHALL BE CARRIED OUT AS PER ISO 5008-3 WELDING PROCESS SHALL BE AS PER ISO 4063						PROTO PRODUCTION				
WELDING SYMBOL SHALL BE AS PER EN ISO 2553										
WELDING TENSILE STRENGTH SHALL BE AS PER EN ISO 6947										
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN 5817										
WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN ISO 5085-3 INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER ISO 5085-5										



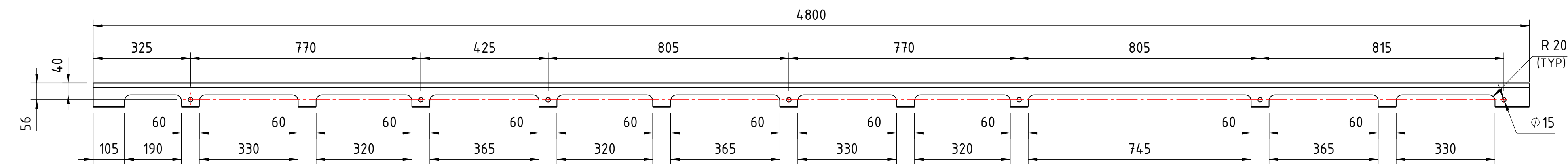
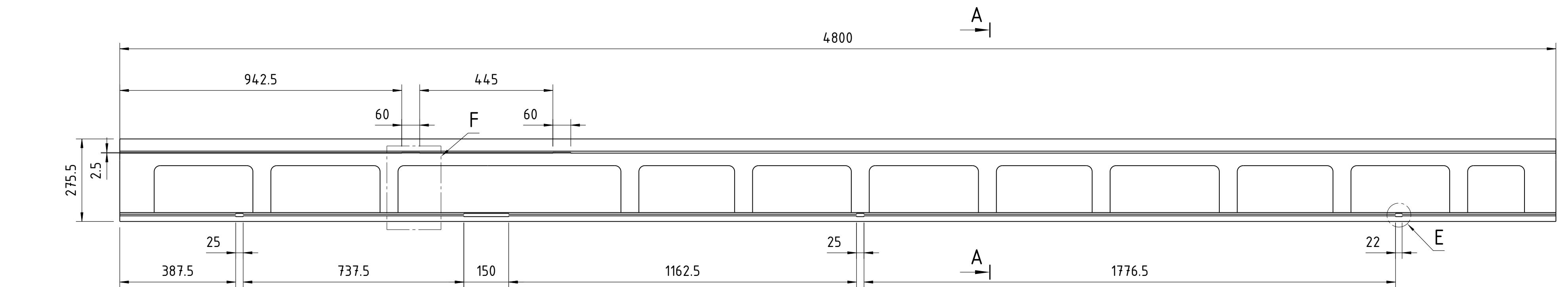
SECTION A-A
2:5



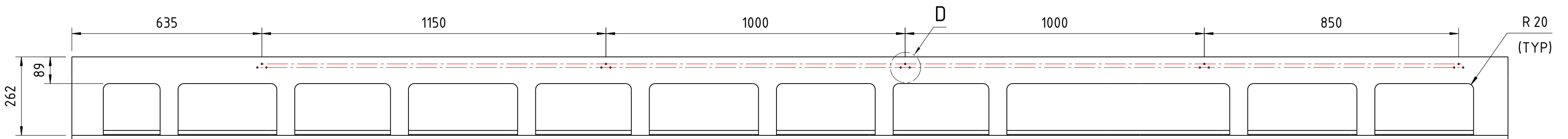
DETAIL-D
1:2



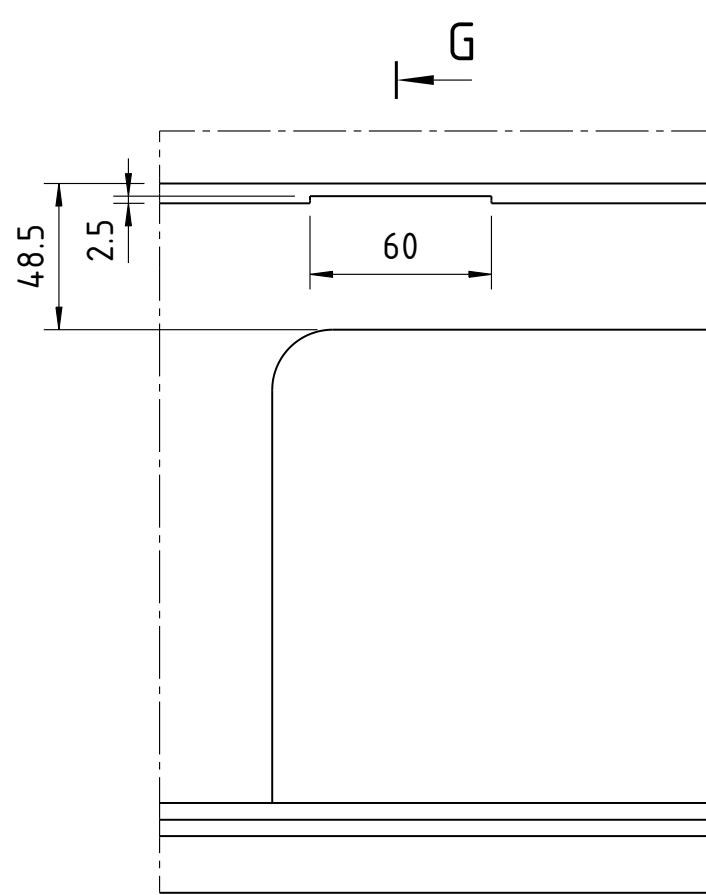
DETAIL-E
1:1



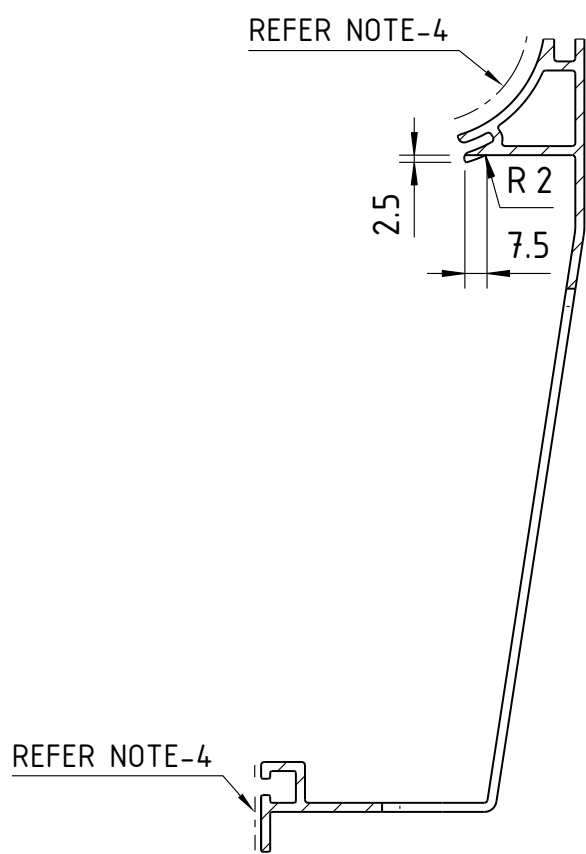
SECTION B-B
1:10



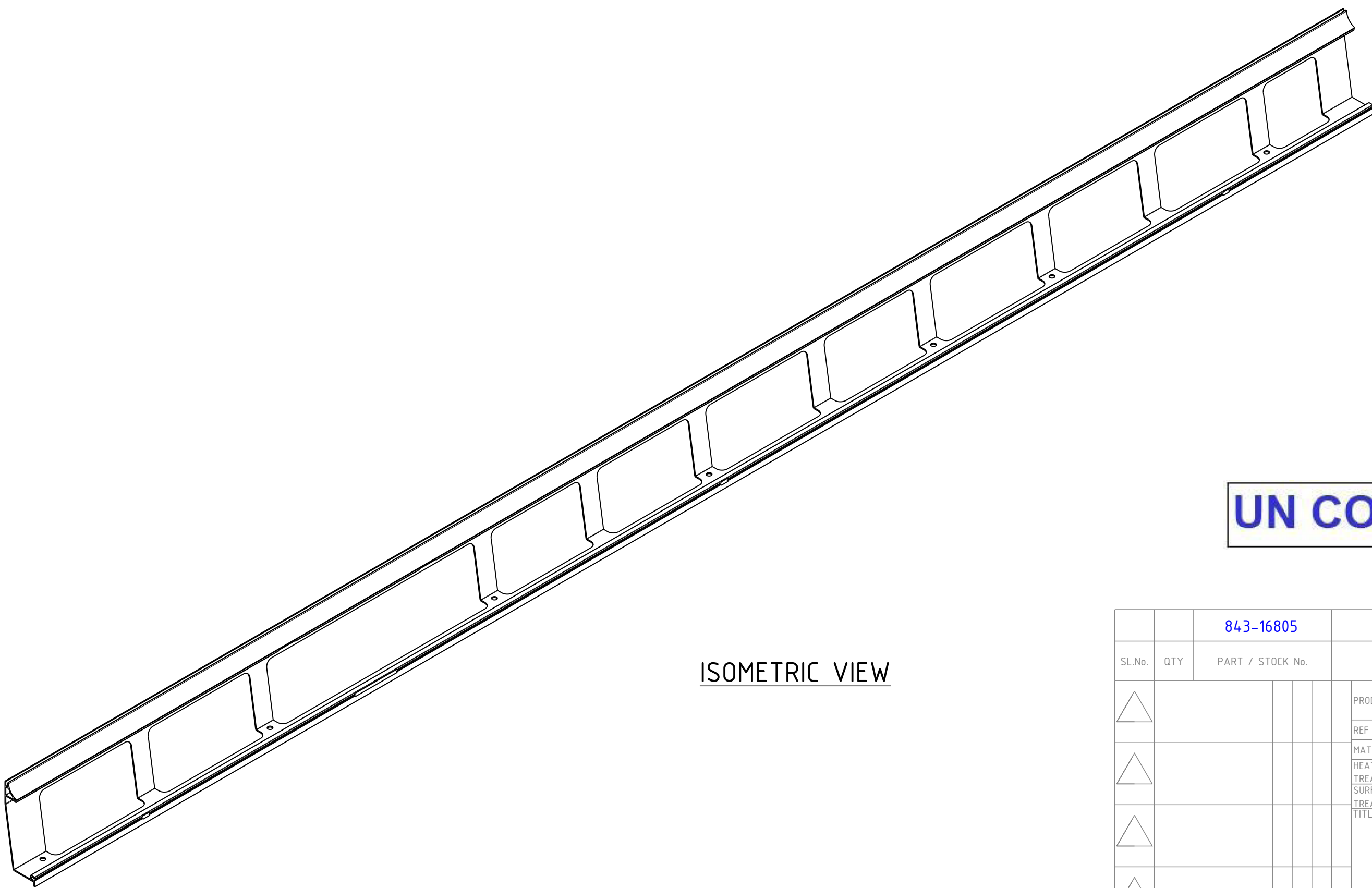
AUXILIARY VIEW-C



DETAIL-F
2:5



SECTION G-G
2:5



ISOMETRIC VIEW

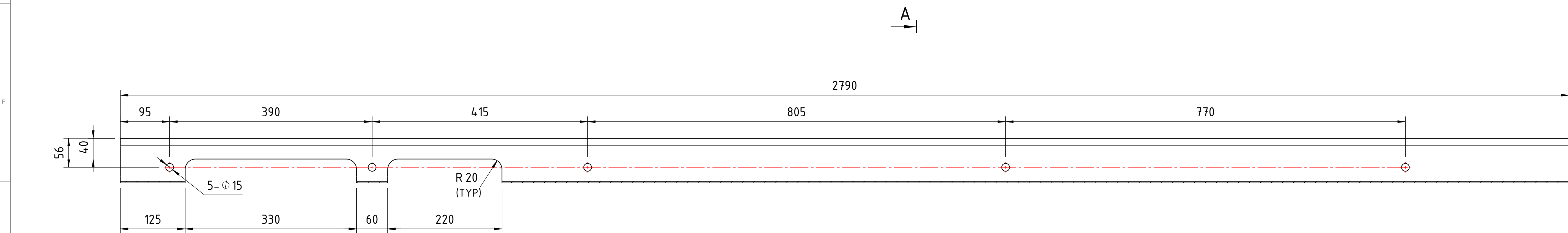
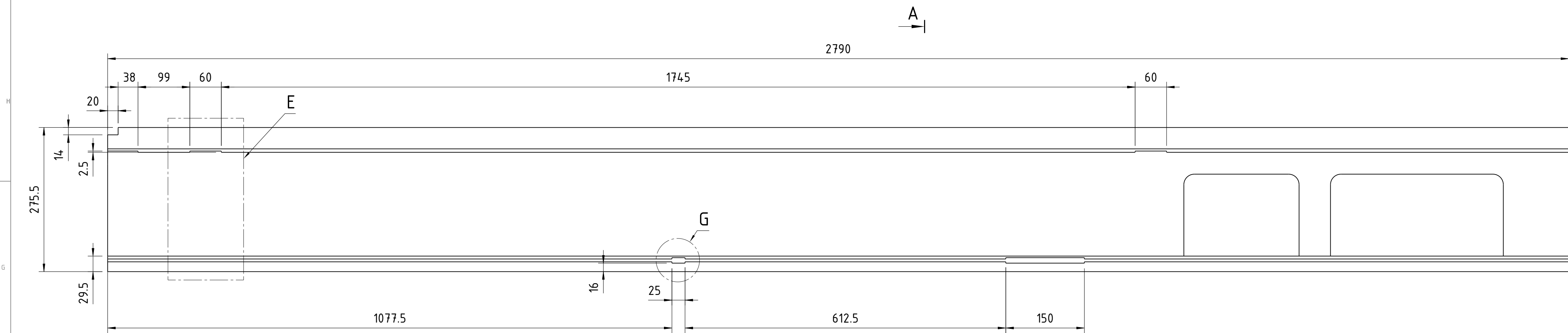
UN CONTROLLED

		843-16805				4800x275.5x3THK			
SL.No.	QTY	PART / STOCK No.		DESCRIPTION		SIZE (mm)		COMPANY STD./SIS	Wt. (Kg)
								MATERIAL	
				PRODUCT					
				REF DRG	--				
				MATERIAL	EN AW-6060-T6, EN 755 / A 6060-T6 ASTM B221				
				HEAT TREAT	--	APPD	KRISHNA PRASAD	16.02.26	
				SURFACE TREAT	--	REVD	KRISHNA PRASAD	16.02.26	
				TITLE	DUCTING PROFILE, EXHAUST				
					CHKD	SANTOSH KUMAR 16.02.26			
					DRWN	ARTI KUMARI 16.02.26			
					SCALE			SHEET	Wt (kg)
					1:10		1 of 1		12.46
ALT.No	ECN No./CHANGES		DATE	BY	APPD		DRG No.		ALT
							BANGALORE COMPLEX 844-16154		

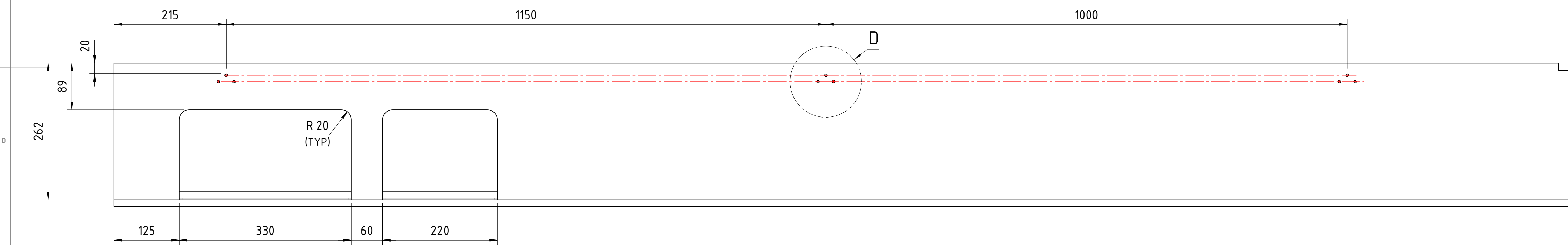
NOTES:

1. ALL DIMENSIONS ARE IN mm.
2. REMOVE ALL SHARP EDGES & BURRS.
3. COMPELSE SURFACE SHALL BE ANODIZED AS PER IS 1868 TO GRADE AC10.
4. SHOWN SURFACE SHALL BE POWDER COATED TO RAL 7048 , 30% GLOSSINES / SATIN.
5. SHALL COMPLY TO TDC NO. FPIIC/TD/074.

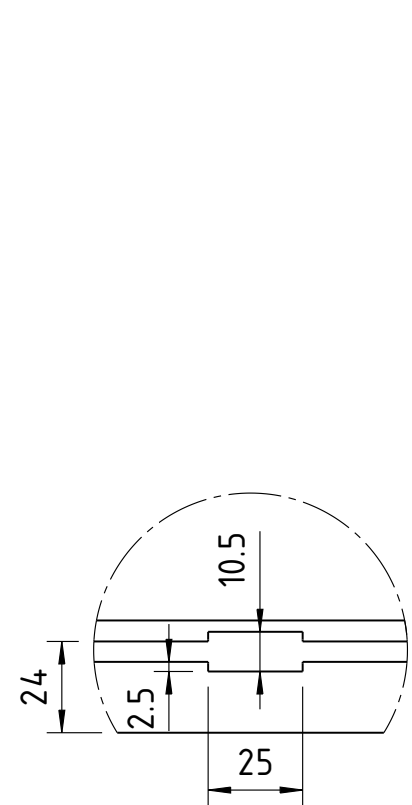
3		2		1					
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS		3		1					
RANGE	0.5 - 3	3 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000	
CLASS - MEDIUM	TOLERANCE	+0.1	+0.1	+0.2	+0.3	+0.5	+0.8	+1.2	+2
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1				GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2					
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920				VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1392					
WELDING SHALL BE CARRIED OUT AS PER EN ISO 9589-3				WELDING PROCESS SHALL BE AS PER EN ISO 4063					
WELDING JOINTS SHALL BE AS PER EN ISO 2553				WELDING POSITIONS SHALL BE AS PER EN ISO 6947					
QUALITY LEVEL FOR IMPERFECTIONS IN FUSED WELDED JOINTS SHALL BE AS PER EN ISO 8187				STATUS					
WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN ISO 9589-1				INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN ISO 9589-5					



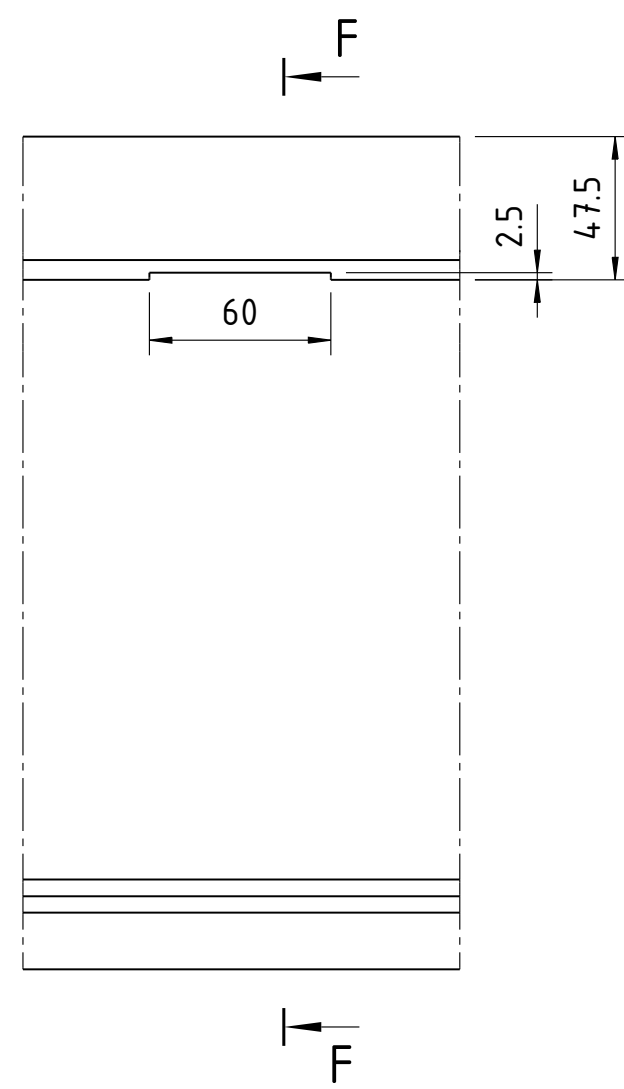
SECTION B-B



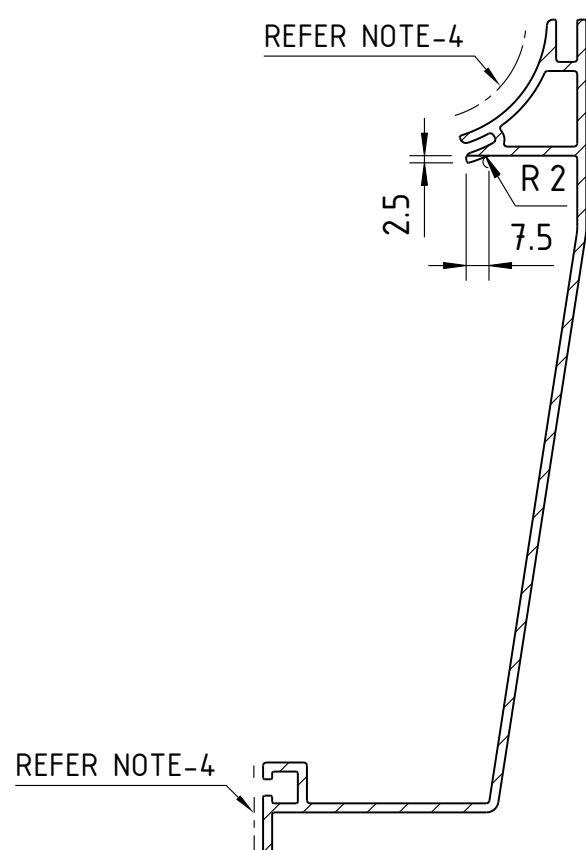
AUXILIARY VIEW-C



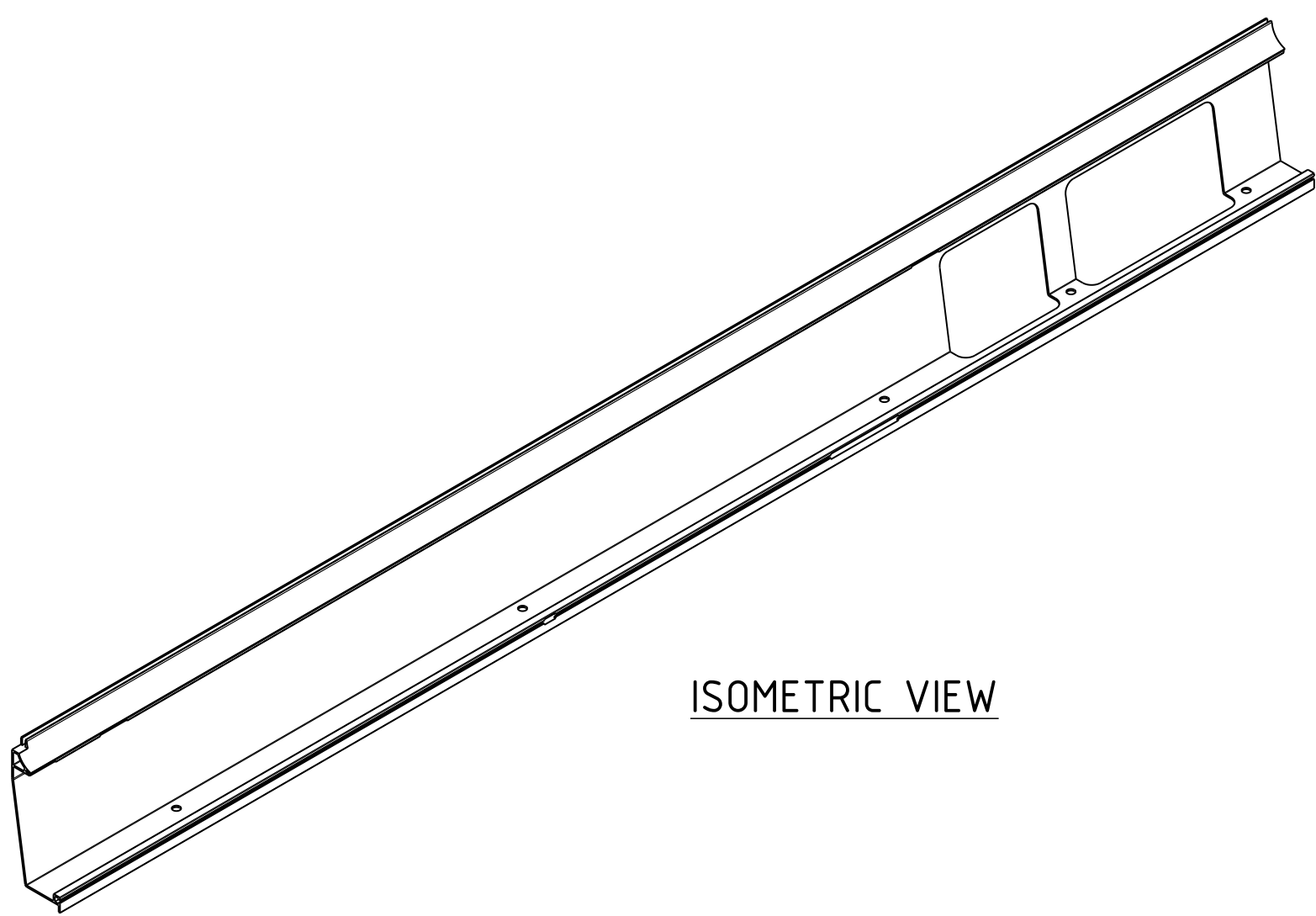
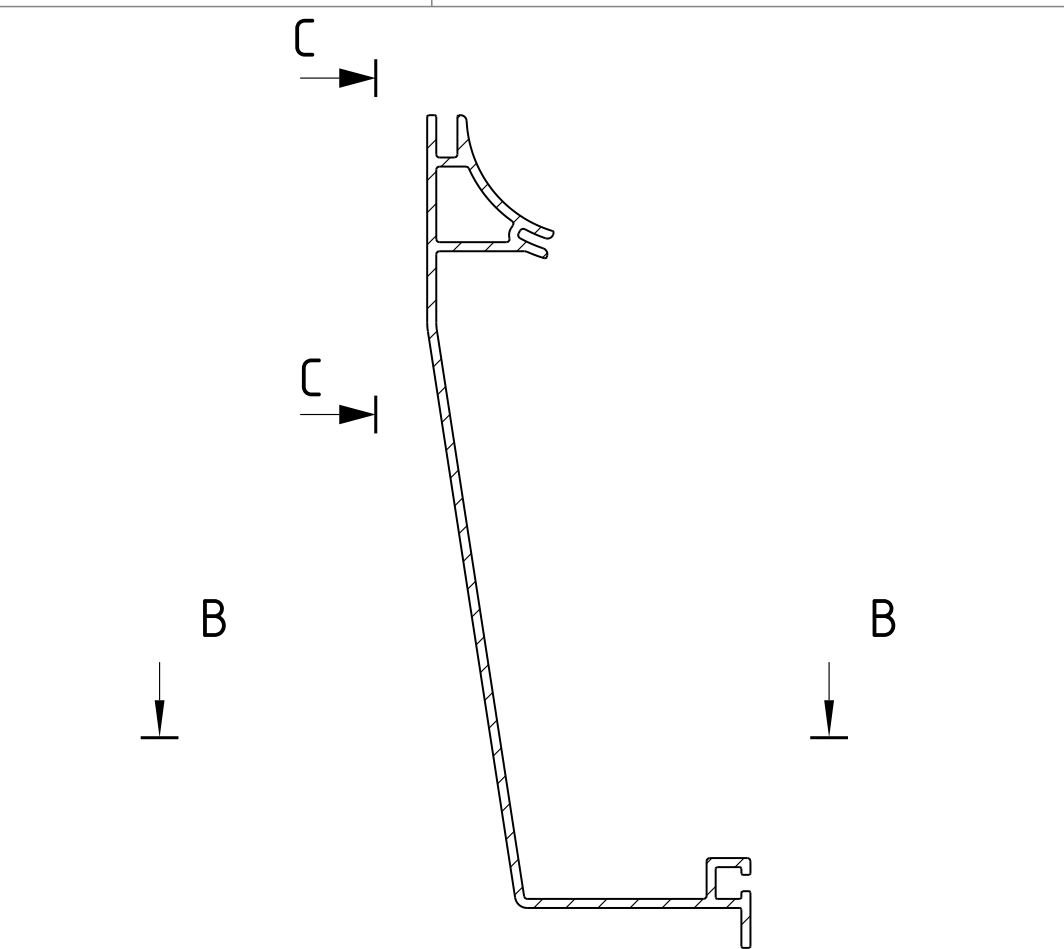
DETAIL-G
1:2



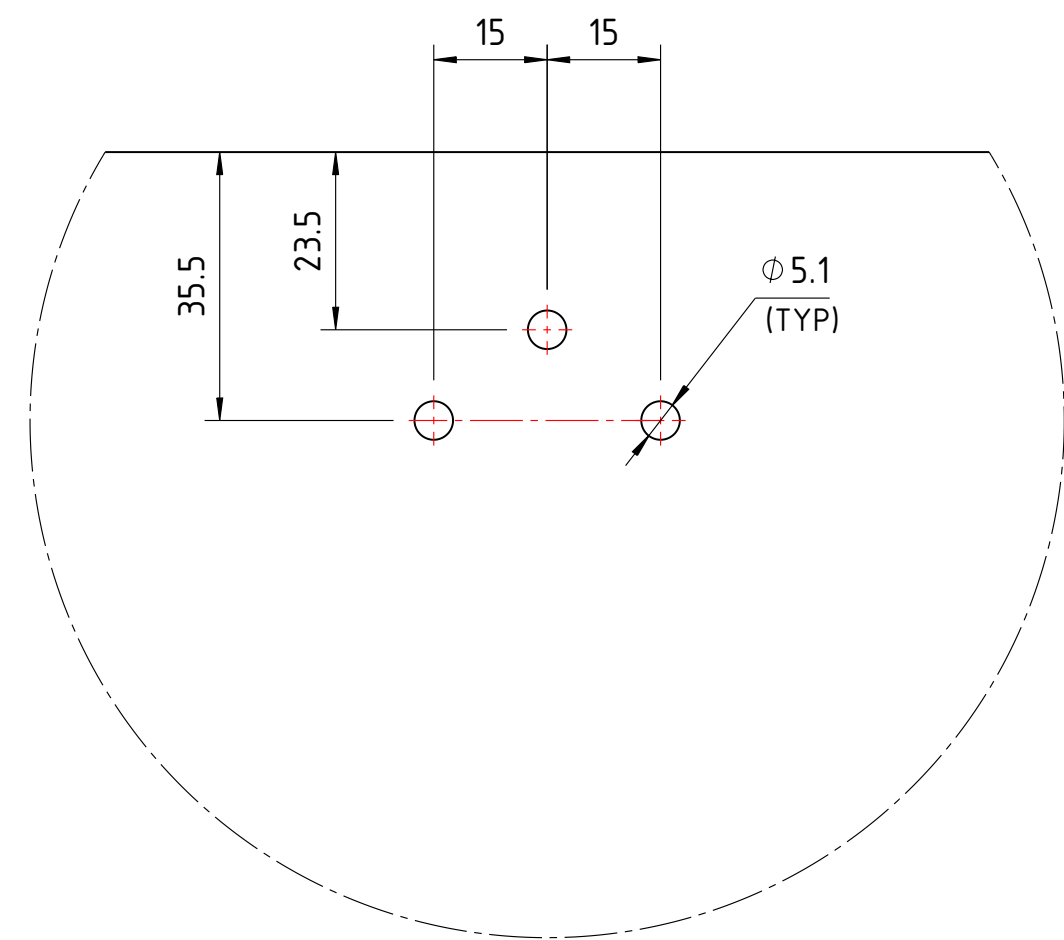
DETAIL-E
2:5



SECTION F-F
2:5

ISOMETRIC VIEW

SECTION A-A
2:5



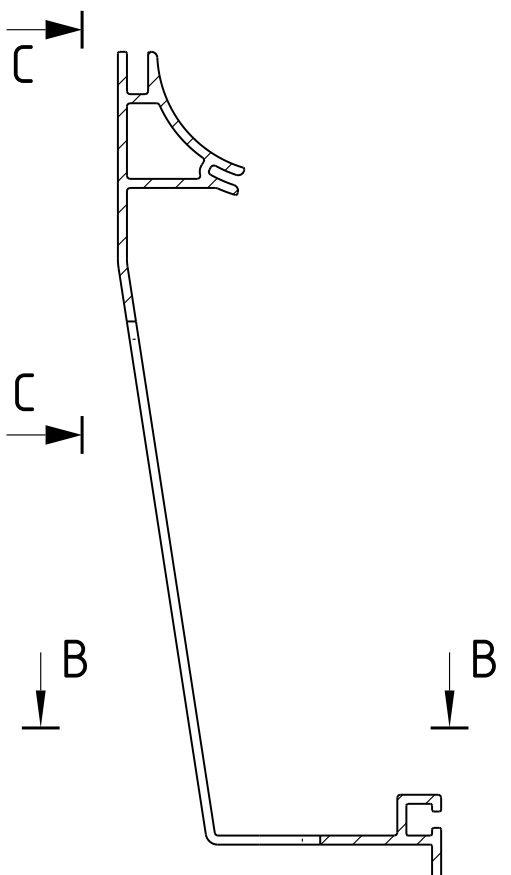
DETAIL-D
1:1

UN CONTROLLED

		1843-16805				2790x275.5x3THK			
SL.No.	QTY	PART / STOCK No.		DESCRIPTION		SIZE (mm)		COMPANY STD./S	Wt. (Kg)
								MATERIAL	
				PRODUCT					
				REF. DRG	--				
				MATERIAL	EN AW-6060-T6, EN 755 / A 6060-T6 ASTM B221				
				HEAT TREAT	APPD	KRISHNA PRASAD	16.02.26		
				SURFACE TREAT	REVD	KRISHNA PRASAD	16.02.26		
				TITLE	CHKD	SANTOSH KUMAR	16.02.26		
				DUCTING PROFILE, EXHAUST	DRWN	ARTI KUMARI	16.02.26		
					SCALE		SHEET	Wt (kg)	
					1:5		1 OF 1	10.2	
ALT.No.	ECN No./CHANGES		DATE	BY	CHKD	APPD	BANGALORE BEMBL COMPLEX		ALT
							844-16128		

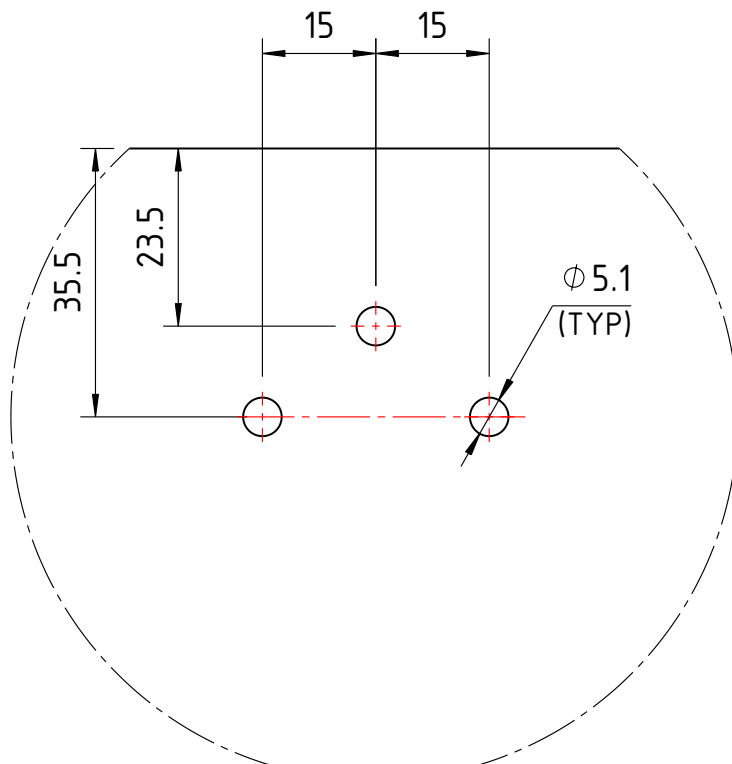
A1

3		2		1	
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS		RANGE		TOLERANCE	
CLASS - MEDIUM		0.5 - 3		±0.1	
		3 - 6		±0.1	
		6 - 30		±0.2	
		30 - 120		±0.3	
		120 - 400		±0.5	
		400 - 1000		±0.8	
		1000 - 2000		±1.2	
		2000 - 4000		±2	
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1				GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2	
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920				VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302	
WELDING SHALL BE CARRIED OUT AS PER EN 15085-3				WELDING PROCESS SHALL BE AS PER EN ISO 4063	
WELDING SYMBOLS SHALL BE AS PER EN ISO 2553				WELDING POSITIONS SHALL BE AS PER EN ISO 6947	
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 5817				STATUS: PROTO/PRODUCTION	
WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN 15085-3				INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN 15085-5	



SECTION A-A

2:5

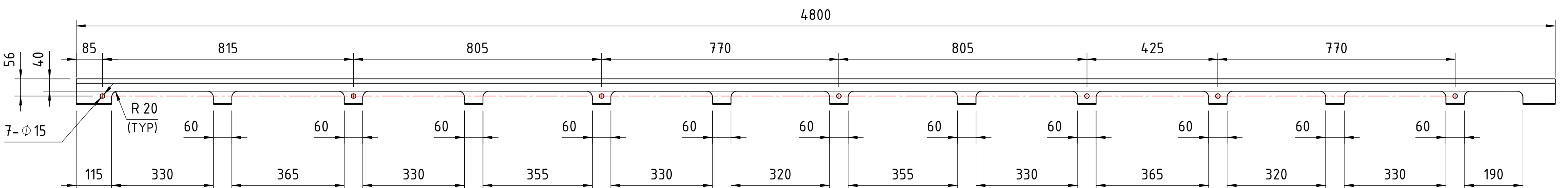


DETAIL-D

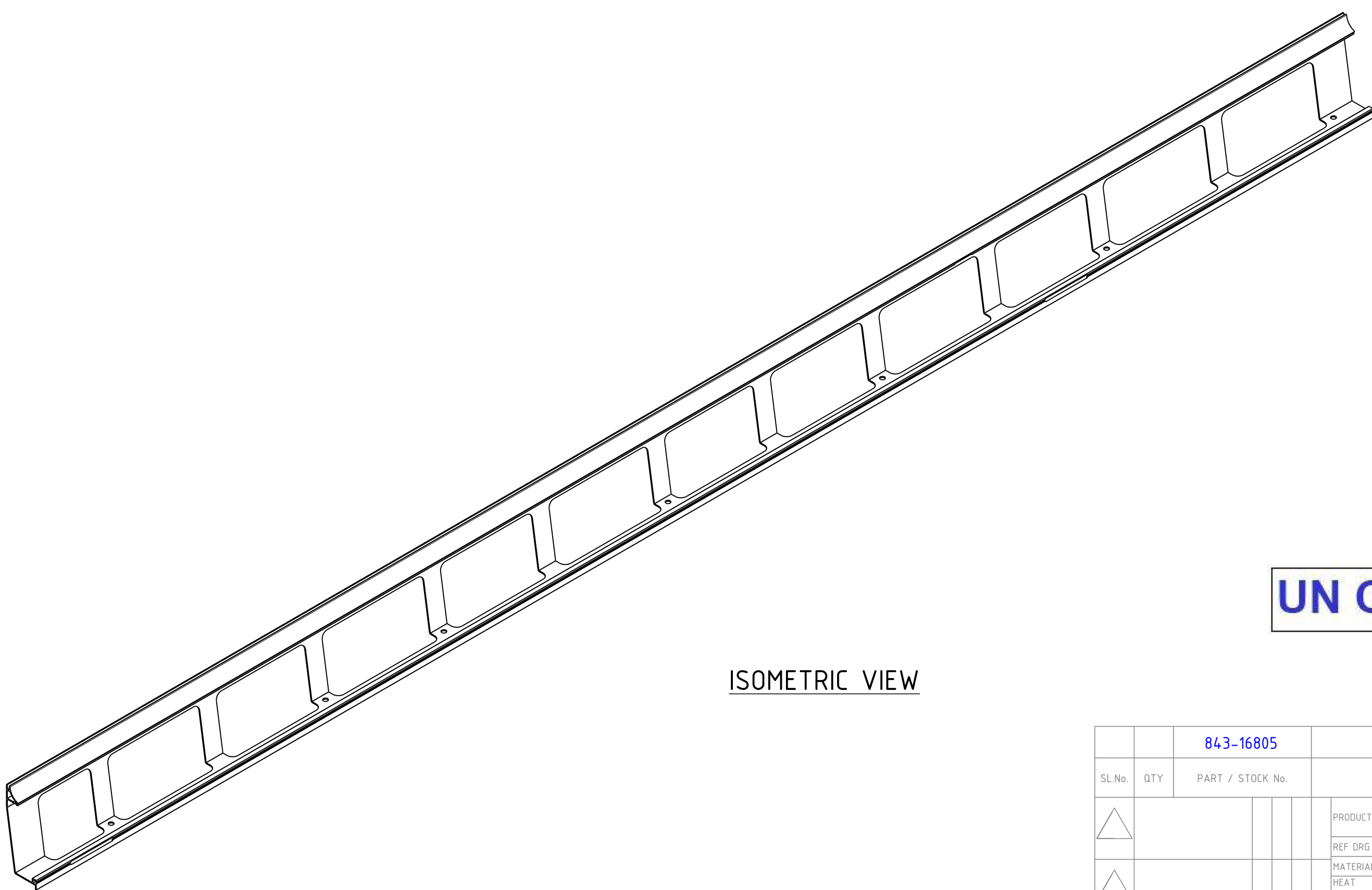
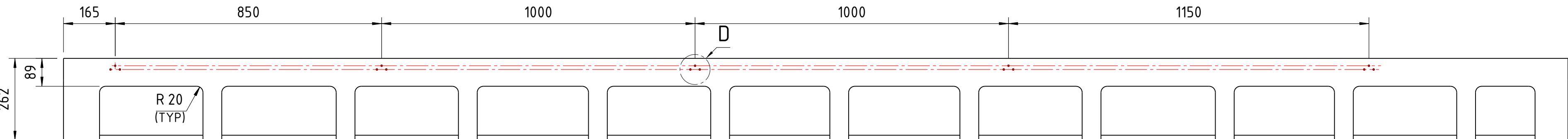
1:1

SECTION B-B

1:10

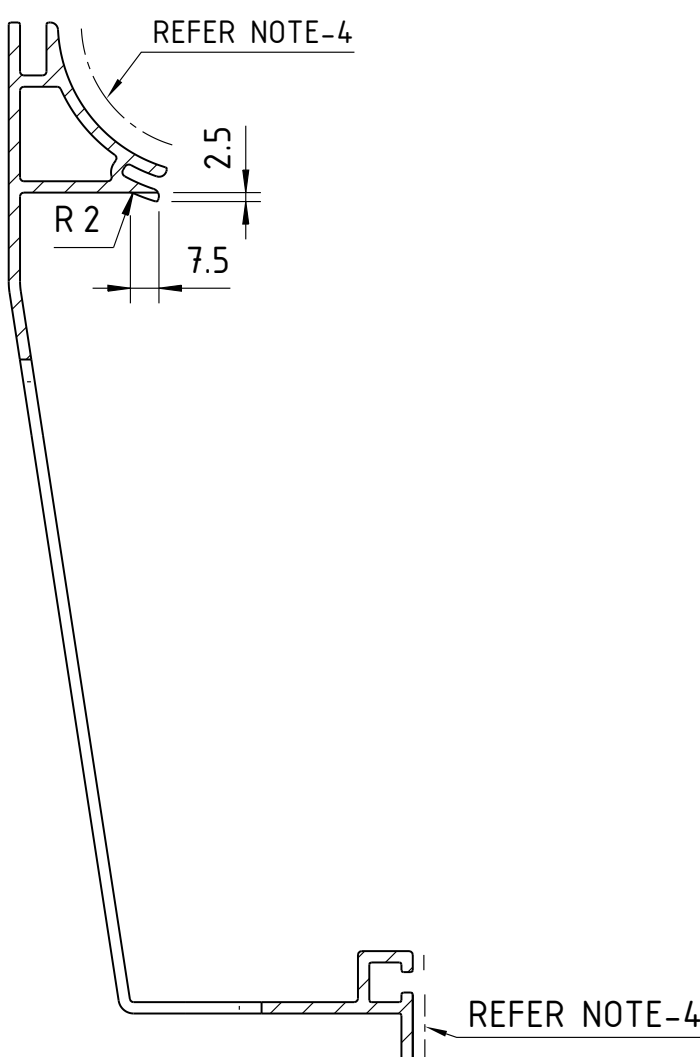


AUXILIARY VIEW-C



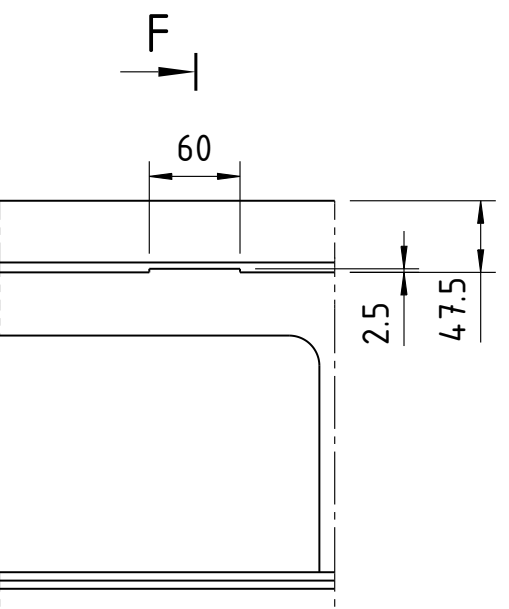
ISOMETRIC VIEW

UN CONTROLLED



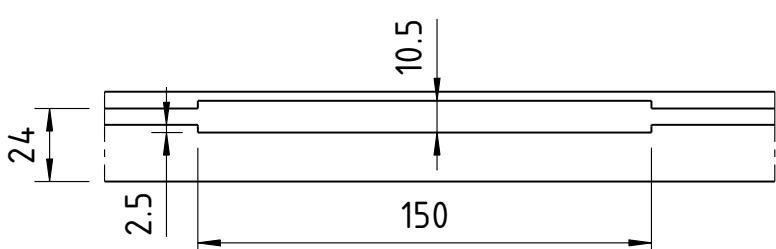
SECTION F-F

1:2



DETAIL-E

1:5



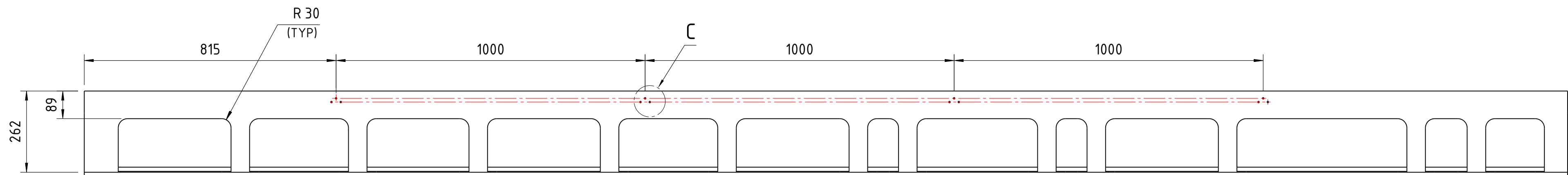
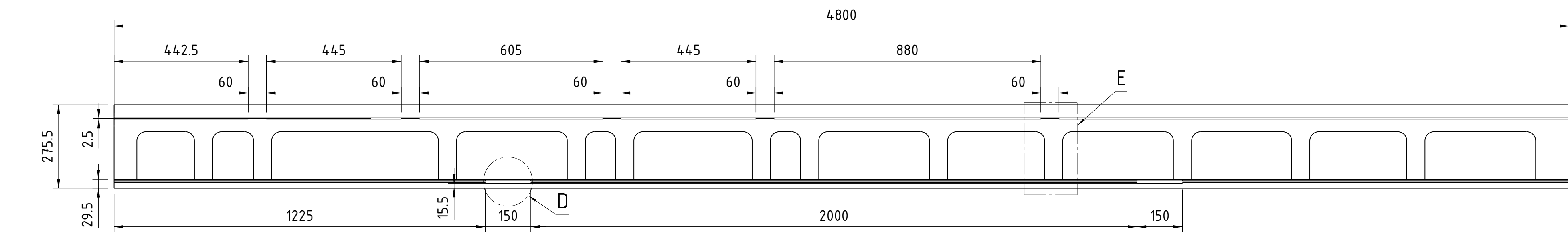
DETAIL-G

2:5

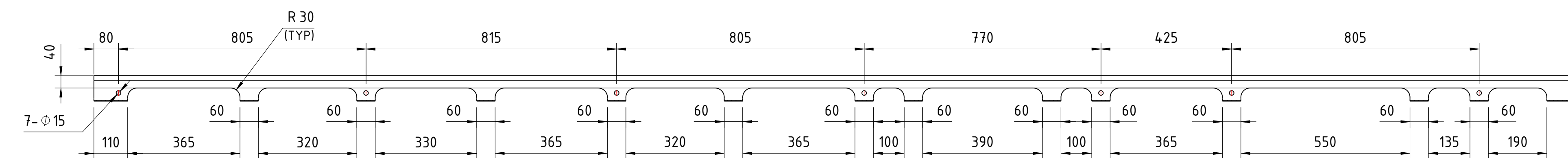
- NOTES:
1. ALL DIMENSIONS ARE IN mm.
 2. REMOVE ALL SHARP EDGES & BURRS.
 3. COMPELTE SURFACE SHALL BE ANODIZED AS PER IS 1868 TO GRADE AC10.
 4. SHOWN SURFACE SHALL BE POWDER COATED TO RAL 7048 , 30% GLOSSINES / SATIN.
 5. SHALL COMPLY TO TDC NO. FPIC/TD/074.

		843-16805				4800x275.5x3THK			
SL.No.	QTY	PART / STOCK No.		DESCRIPTION		SIZE (mm)	COMPANY STD./S	Wt. (Kg)	
							MATERIAL		
△					PRODUCT				
					REF DRG	--			
						EN AW-6060-T6, EN 755 / A 6060-T6 ASTM B221			
△					MATERIAL	APPD	KRISHNA PRASAD	16.02.26	
					HEAT TREAT	REVD	KRISHNA PRASAD	16.02.26	
					SURFACE TREAT	CHKD	SANTOSH KUMAR	16.02.26	
△					TITLE	DRWN	ARTI KUMARI	16.02.26	
					DUCTING PROFILE, EXHAUST				
					BANGALORE COMPLEX				
					DRG No. 844-16127				
ALT.No.	ECN No./CHANGES		DATE	BY	CHKD	APPD	SHEET 1 OF 1		ALT 0

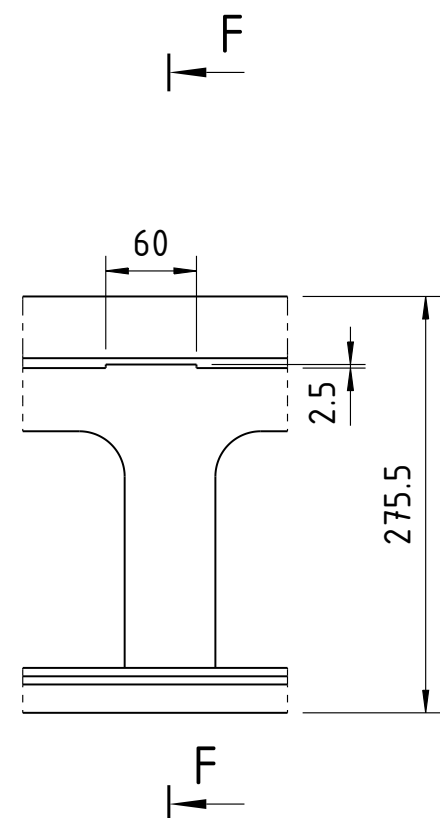
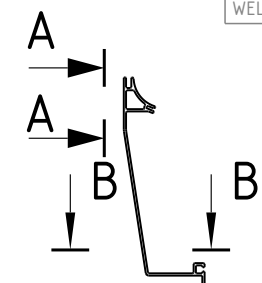
3		2				1				
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS		RANGE	0.5 - 3	3 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000
CLASS - MEDIUM	TOLERANCE		±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1						GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2				
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920						VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302				
WELDING SHALL BE CARRIED OUT AS PER ISO 5085-3 WELDING PROCESS SHALL BE AS PER ISO 4063						PROTO PRODUCTION				
WELDING SYMBOL SHALL BE AS PER EN ISO 2553										
WELDING TENSILE STRENGTH SHALL BE AS PER EN ISO 6947										
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN 5817										
WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN ISO 5085-3 INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER ISO 5085-5										



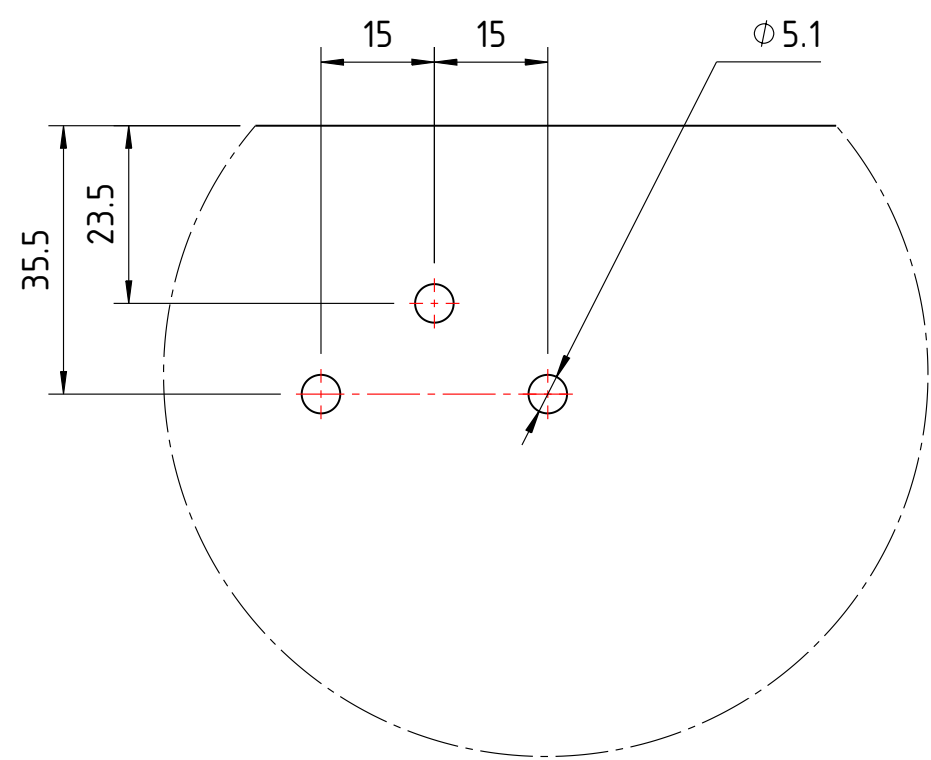
AUXILIARY VIEW-A



SECTION B-B

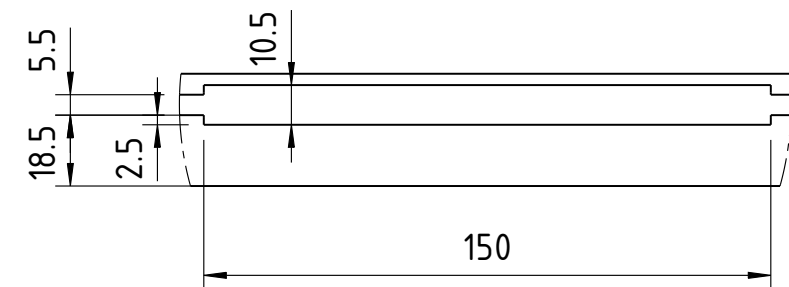


DETAIL-E
1:5

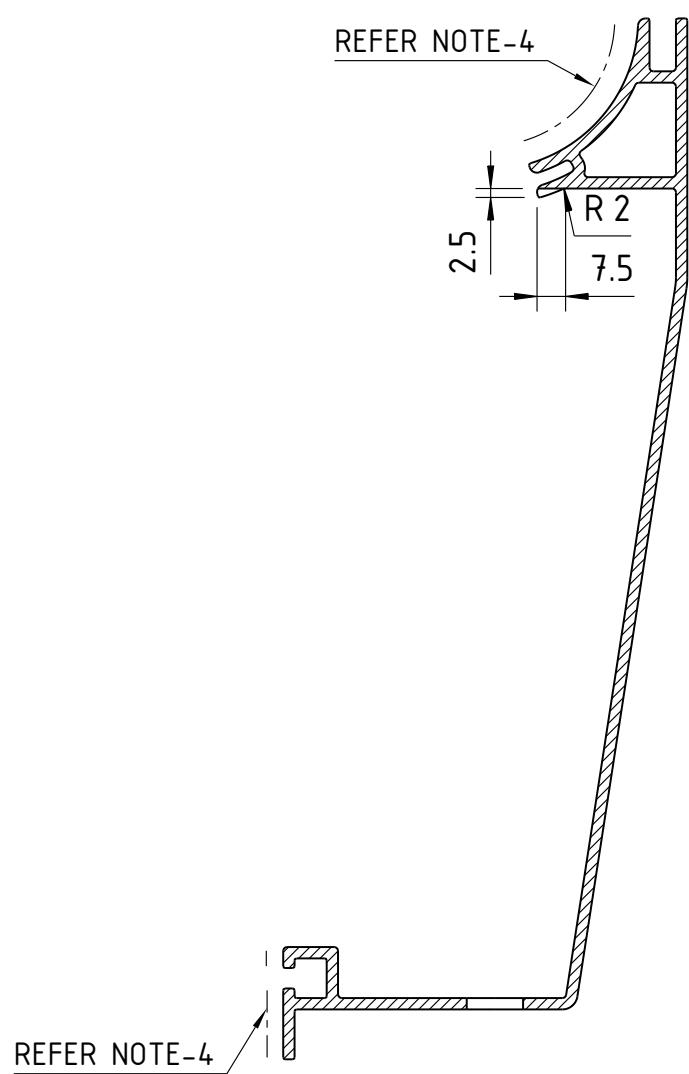


DETAIL-C

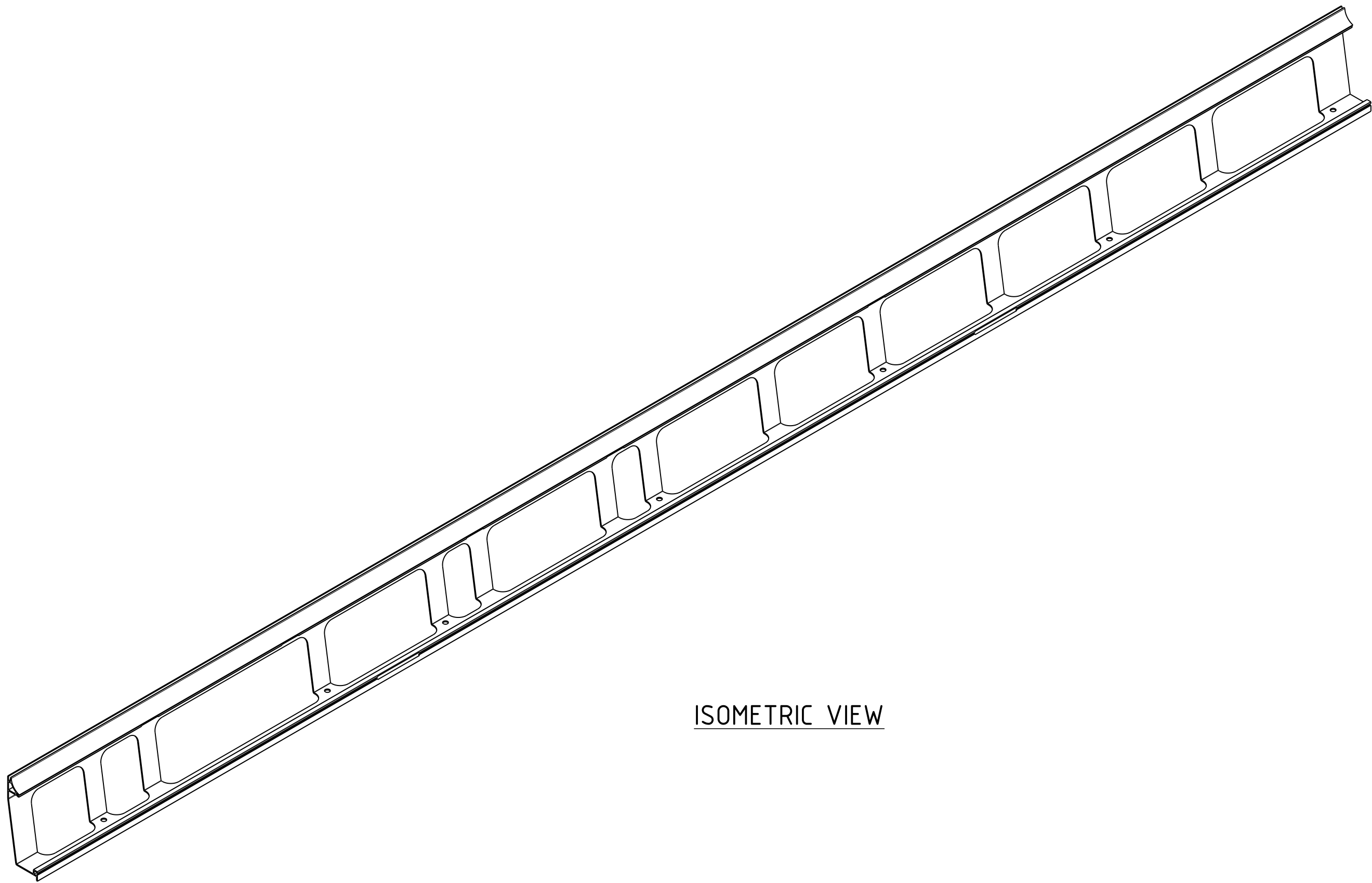
1:1



DETAIL-D
1:2

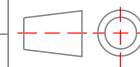


SECTION F-F
1:2



ISOMETRIC VIEW

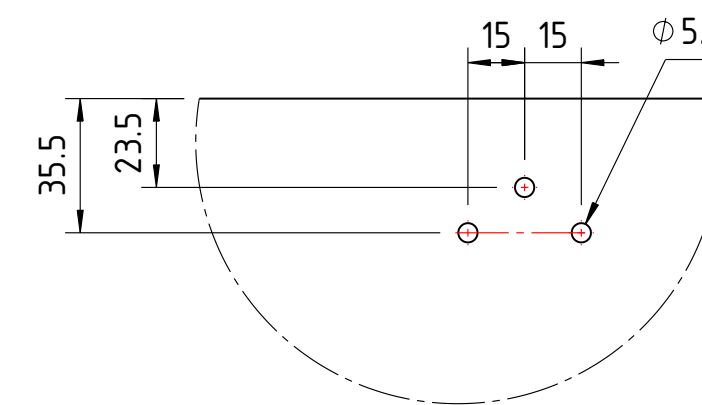
UN CONTROLLED

		1843-16805				4800x275.5x3THK			
SL.No.	QTY	PART / STOCK No.		DESCRIPTION		SIZE (mm)		COMPANY STD./SIS	Wt. (Kg)
								MATERIAL	
					PRODUCT				
					REF. DRG.	--			
					MATERIAL	EN AW-6060-T6, EN 755 / A 6060-T6 ASTM B221			
					HEAT TREAT	APPD	KRISHNA PRASAD	06.02.26	
					SURFACE TREAT	REVD	KRISHNA PRASAD	06.02.26	
					TITLE	CHKD	SANTOSH KUMAR	06.02.26	
					DUCTING PROFILE, EXHAUST	DRWN	ARTI KUMARI	06.02.26	
						SCALE		SHEET	Wt (kg)
						1:10	1 of 1	12.65	
ALT.No.	ECN No./CHANGES		DATE	BY	DRAWN		CHKD		ALT
					 BANGALORE COMPLEX		843-16188		

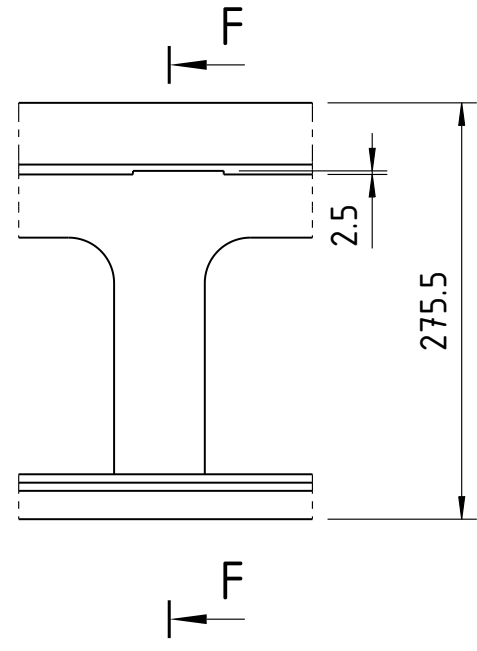
NOTES:

1. ALL DIMENSIONS ARE IN mm.
2. REMOVE ALL SHARP EDGES & BURRS.
3. COMPELTE SURFACE SHALL BE ANODIZED AS PER IS 1868 TO GRADE AC10.
4. SHOWN SURFACE SHALL BE POWDER COATED TO RAL 7048 , 30% GLOSSINES / SATIN
5. SHALL COMPLY TO TQC NO. FPIIC/TD/074.

A diagram of a frame structure. It consists of a vertical member on the left and a horizontal member on the right, connected by a diagonal member. The vertical member is fixed to a wall at its base. The horizontal member is supported by a roller at its right end. A horizontal load 'A' is applied to the vertical member at its top. A vertical load 'B' is applied to the horizontal member at its right end. The diagonal member is inclined at an angle of 45 degrees to the horizontal.

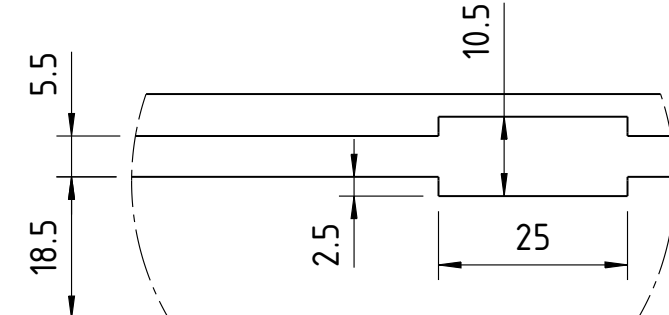


DETAIL-C
1:2



DETAIL - C

1:1

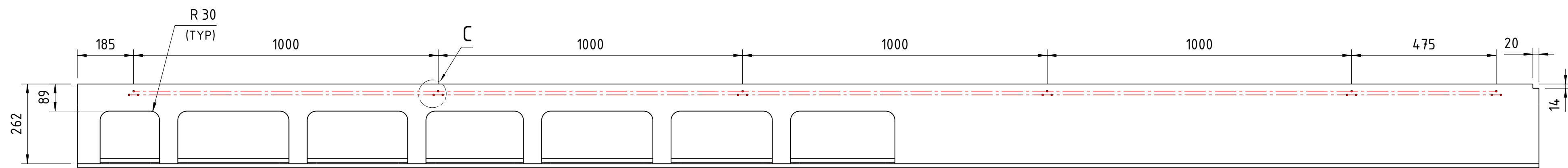
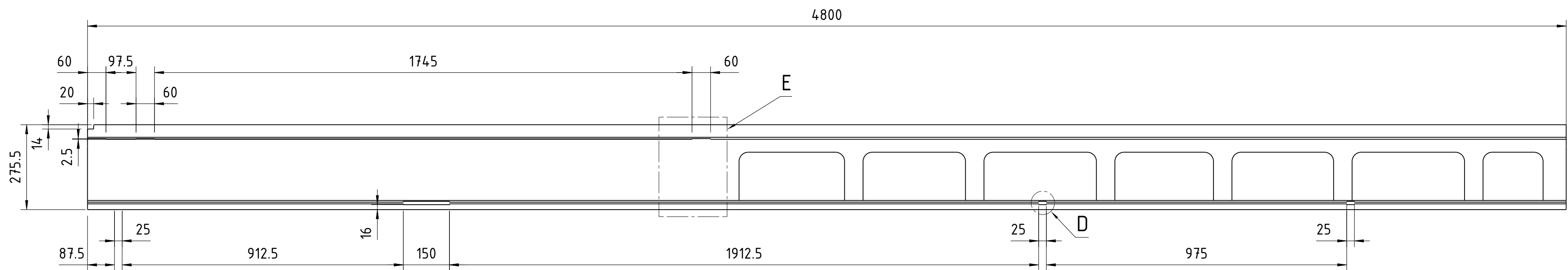


UN CONTROLLED

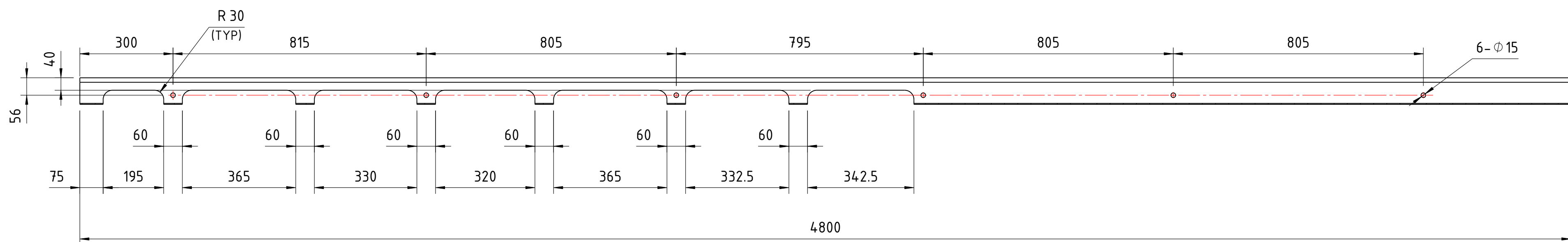


		1843-16805						4x600x275.5x3THK			
SL.No.	QTY	PART / STOCK No.				DESCRIPTION		SIZE (mm)	COMPANY STOCK /SI		Wt. (Kg)
										MATERIAL	
△						PRODUCT					
						REF DRG	--				
△						MATERIAL	EN AW-6060-T6, EN 755 / A 6060-T6 ASTM B221				
						HEAT TREAT	APPD	KRISHNA PRASAD	06.02.26		
△						SURFACE TREAT	REVD	KRISHNA PRASAD	06.02.26		
						TITLE	CHKD	SANTOSH KUMAR	06.02.26		
△							DRWN	ARTI KUMARI	06.02.26		
						DUCTING PROFILE, EXHAUST					
△							SCALE	1:10	SHEET 1 of 1		Wt (kg)
											12.55
ALT	ECN No/CHANGES					DATE		CHKD	APPD	DRG No.	
										BANGALORE COMPLEX	
										843-16187	
											

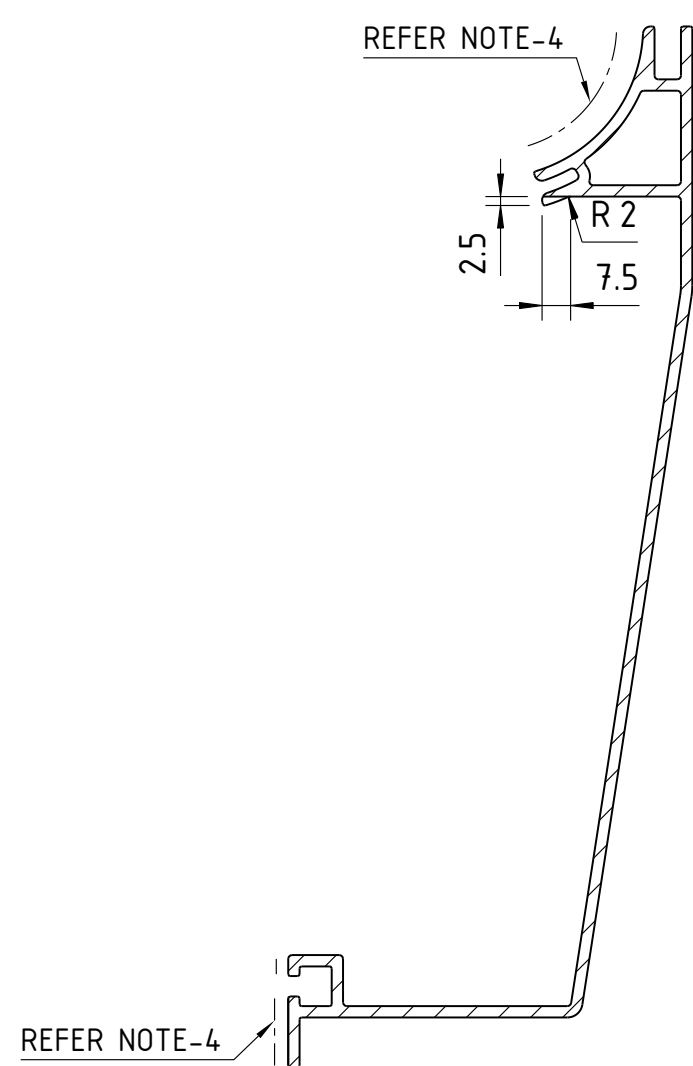
3		2					1				
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS		RANGE	0.5 - 3	3 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000	
CLASS - MEDIUM	TOLERANCE		±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1						GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2					
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920						VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302					
WELDING SHALL BE CARRIED OUT AS PER EN 5088-3 WELDING PROCESS SHALL BE AS PER EN ISO-4063						PROTO PRODUCTION					
WELDING SYMBOLS SHALL BE AS PER EN ISO 2553 WELDING TENSILE SHALL BE AS PER EN ISO 6947											
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN 5817											
WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN ISO 5085-3 INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN ISO 5085-5											



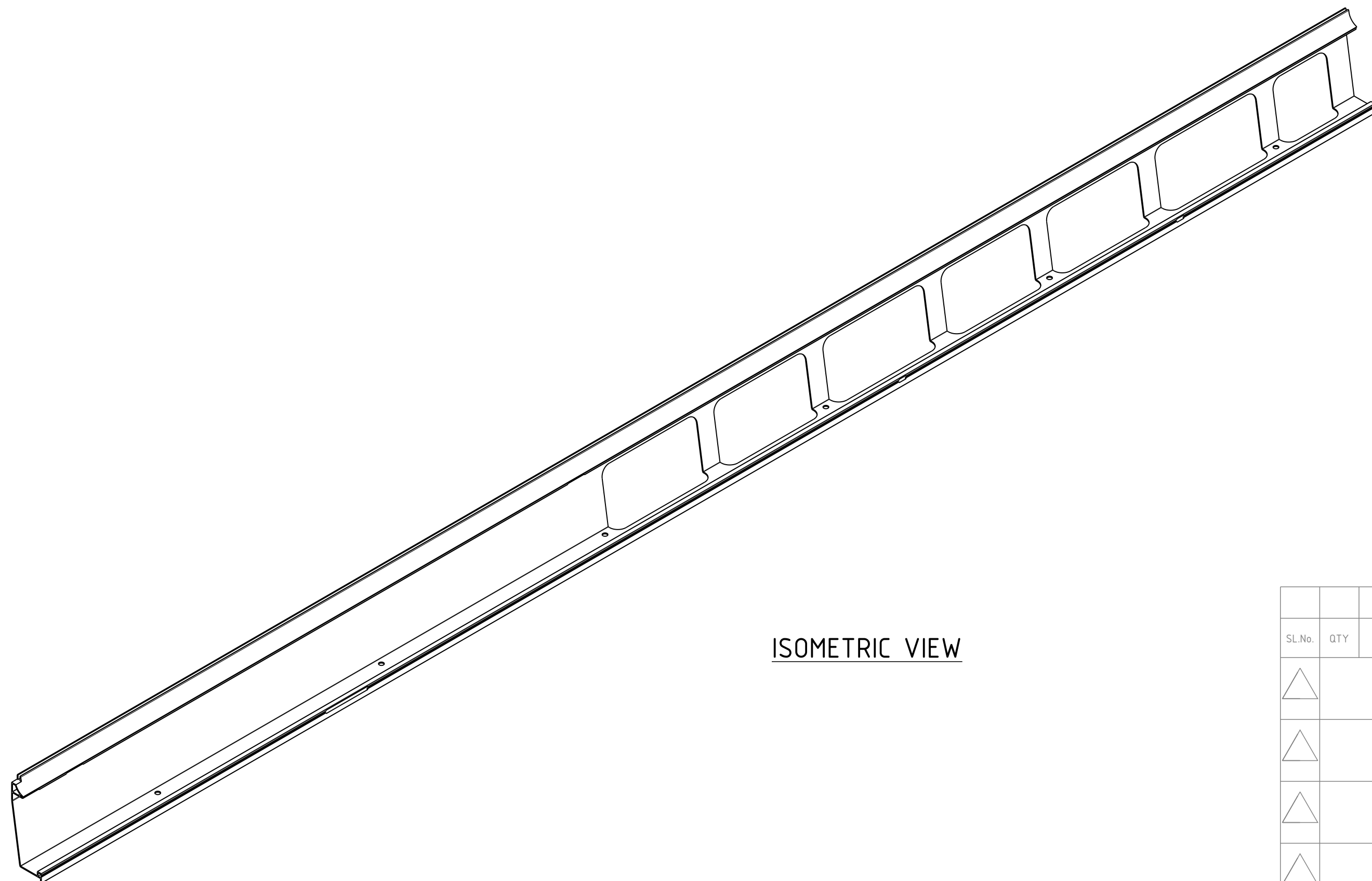
AUXILIARY VIEW-A



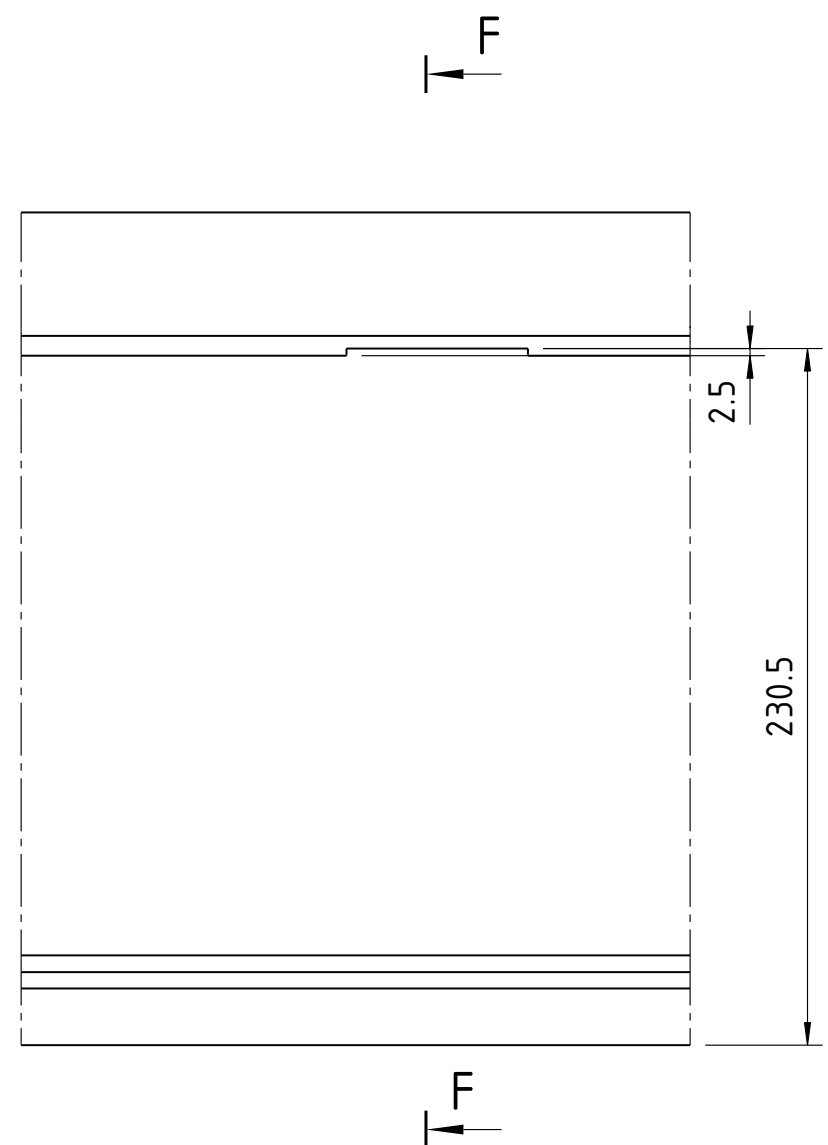
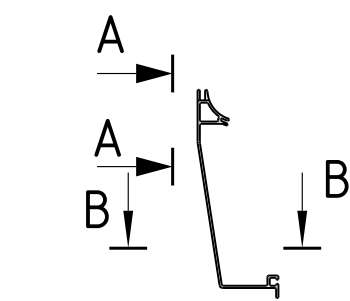
SECTION B-B



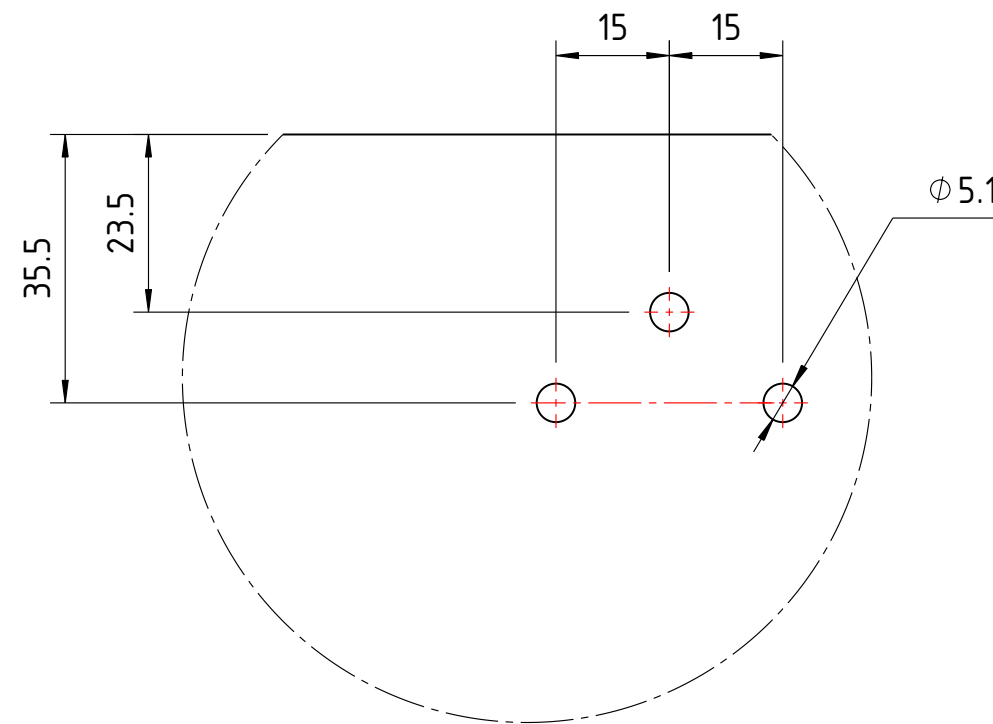
SECTION F-F
1:2



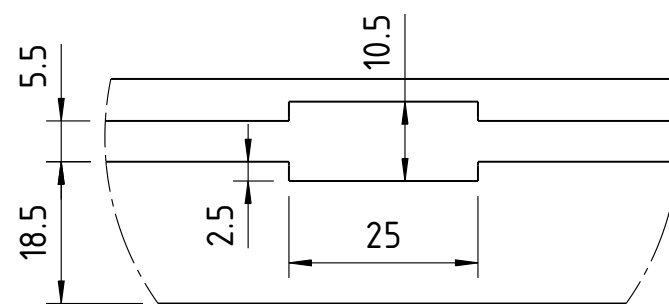
ISOMETRIC VIEW



DETAIL-E
2:5



DETAIL-C
1:1



DETAIL-D
1:1

SL NO	PART NO	DESCRIPTION
1	843-16186-300	AS DRAWN
2	843-16186-301	OPP HAND DRAWN

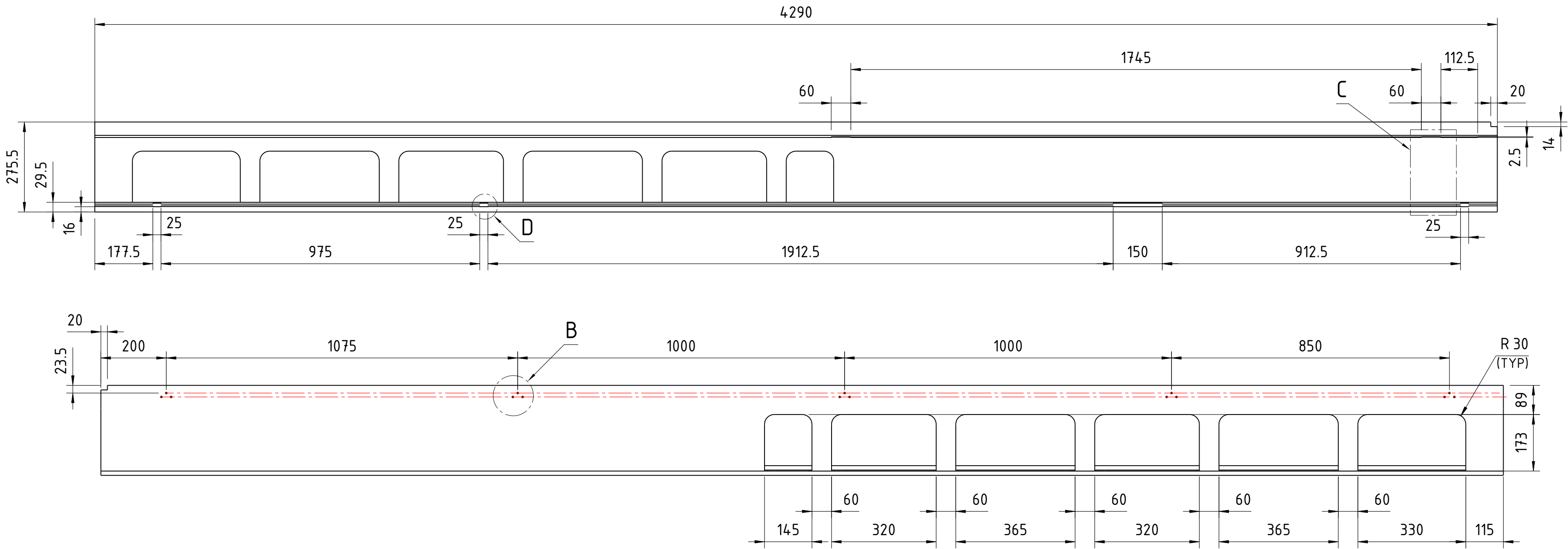
UN CONTROLLED

		843-1680S															4x00x275.5xTHK									
SL.No.	QTY	PART / STOCK No.					DESCRIPTION										SIZE (mm)		COMPANY STD./IS		Wt. (Kg)					
							PRODUCT																		MATERIAL	
							REF DRG	--																		
							MATERIAL	EN AW-6060-T6, EN 755 / A 6060-T6 ASTM B221																		
							HEAT TREAT SURFACE						APPD	KRISHNA PRASAD					06.02.26							
							TITLE						REV'D	KRISHNA PRASAD					06.02.26							
													CHKD	SANTOSH KUMAR					06.02.26							
													DRWN	ARTI KUMARI					06.02.26							
													SCALE					SHEET		Wt(kg)						
ALT.No		ECN No./CHANGES											1:10				1 of 1		15.40							
							BANGALORE										DRG No.		843-16186					ALT		
							COMPLEX																	A		

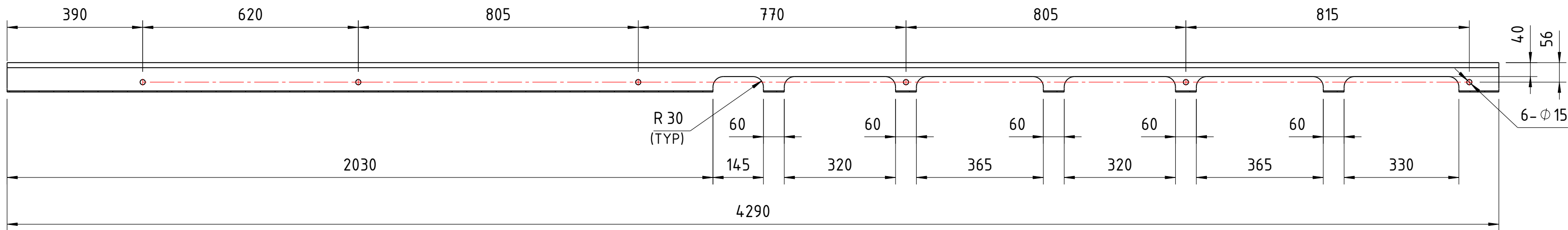
NOTES:

1. ALL DIMENSIONS ARE IN mm.
2. REMOVE ALL SHARP EDGES & BURRS.
3. COMPELTE SURFACE SHALL BE ANODIZED AS PER IS 1868 TO GRADE AC10.
4. SHOWN SURFACE SHALL BE POWDER COATED TO RAL 7048 , 30% GLOSSINES / SATIN.
5. SHALL COMPLY TO TDC NO. FPIIC/TD/074.

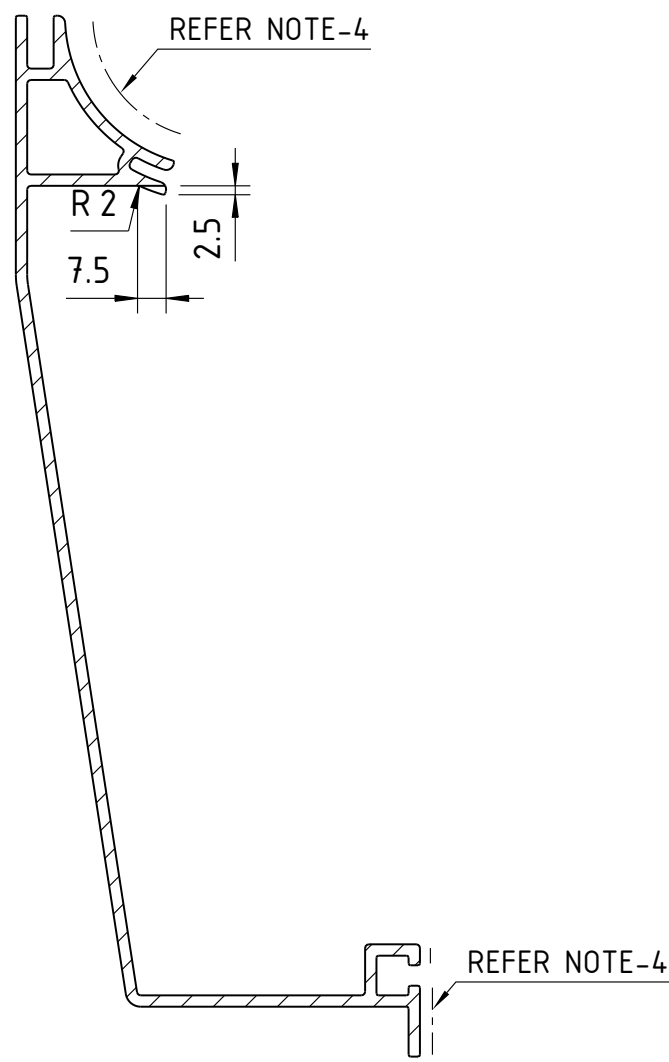
		1									
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS		RANGE		0.5 ~ 3	3 ~ 6	6 ~ 30	30 ~ 120	120 ~ 400	400 ~ 1000	1000 ~ 2000	2000 ~ 4000
CLASS - MEDIUM		TOLERANCE		±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1							GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2				
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 19320							VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302				
WELDING SHALL BE CARRIED OUT AS PER EN 15085-3							WELDING PROCESS SHALL BE AS PER EN ISO 4063				
WELDING SYMBOLS SHALL BE AS PER EN ISO 2553							WELDING POSITIONS SHALL BE AS PER EN ISO 6947				
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 5817							STATUS: PROTO/PRODUCTION				
WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN 15085-3							INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN 15085-5				



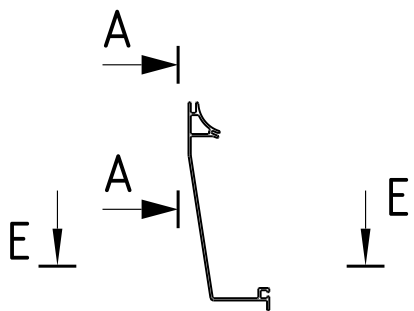
AUXILIARY VIEW-A



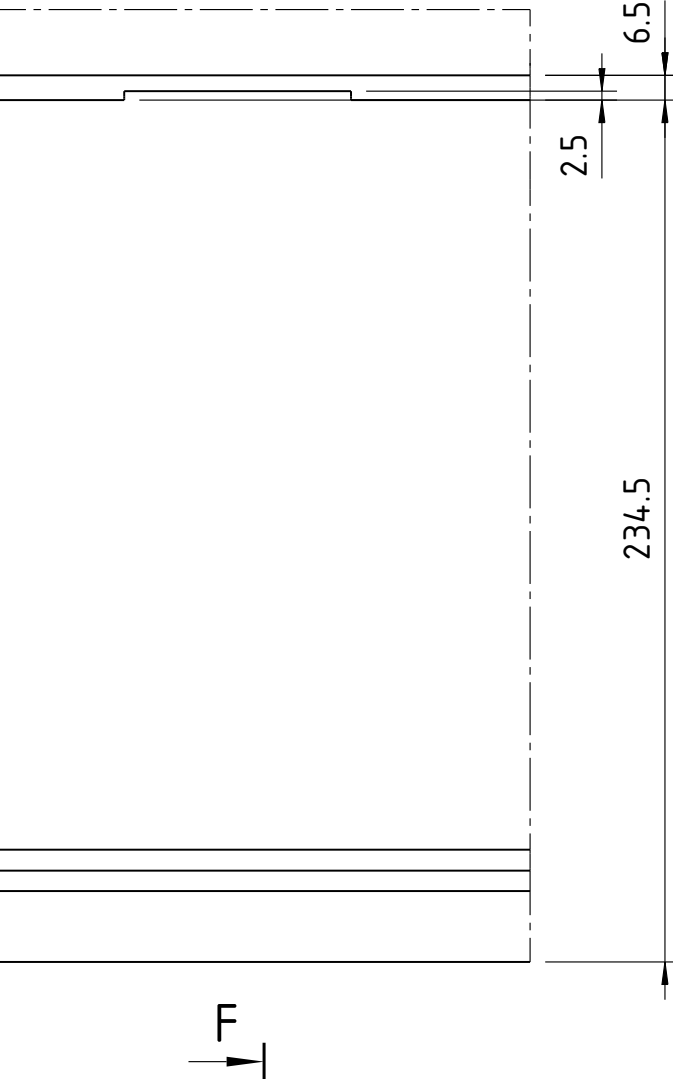
SECTION E-E



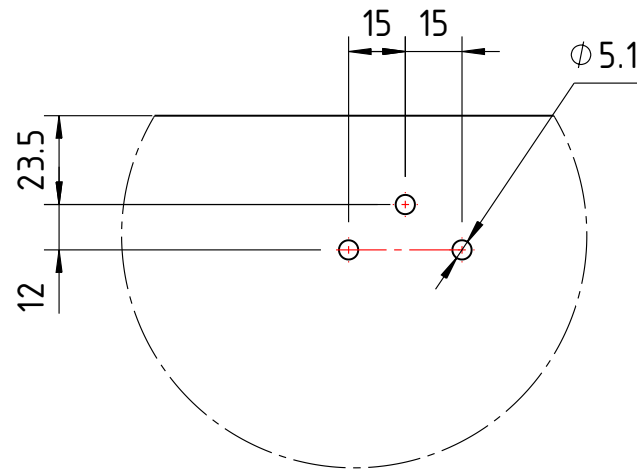
SECTION F-F
1:2



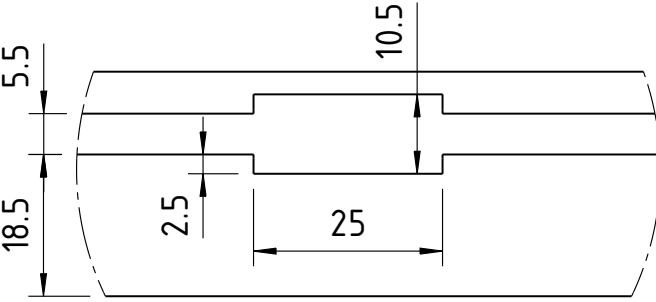
DETAIL-A



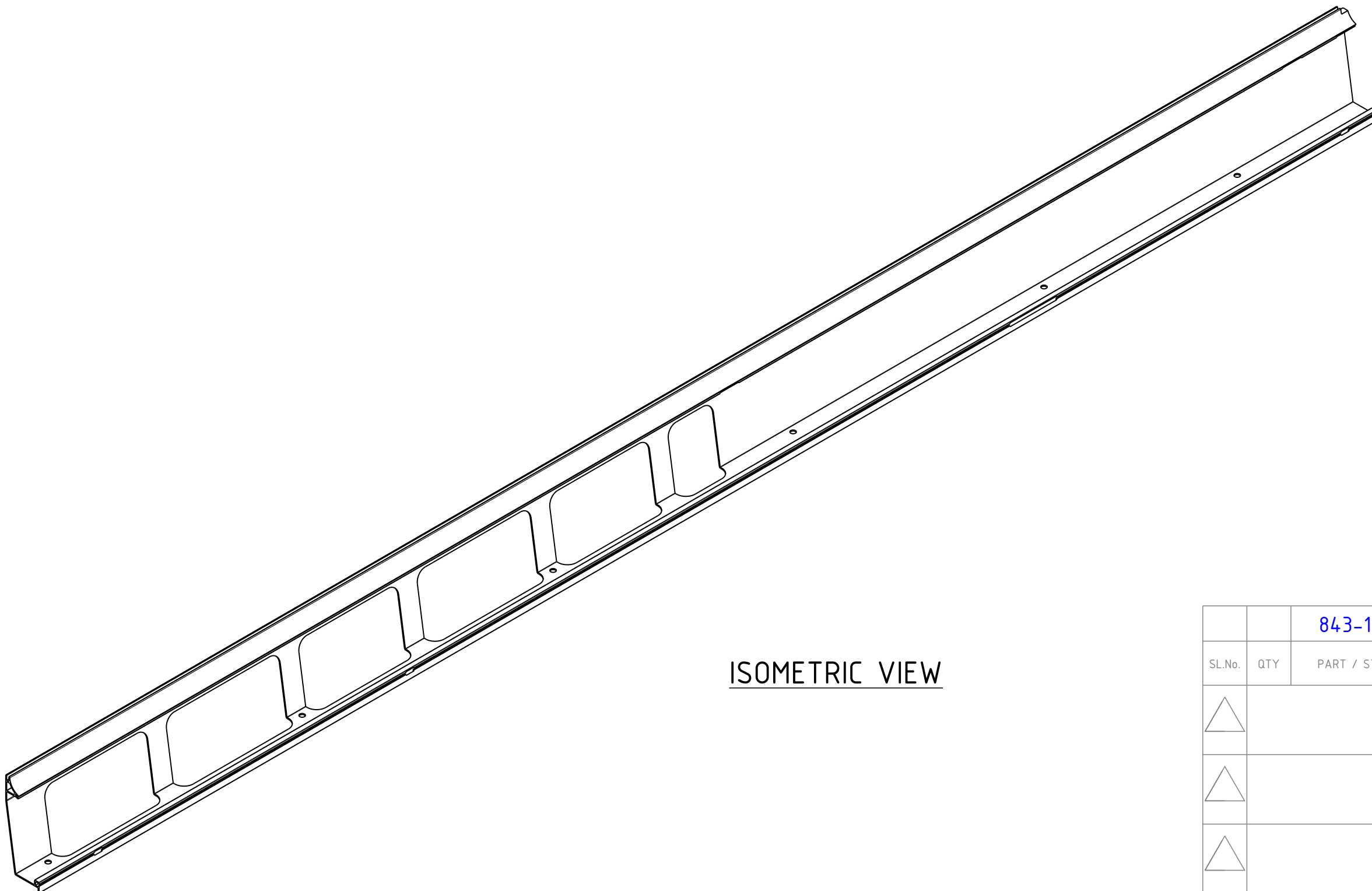
DETAIL-B
1:1



DETAIL-C
1:1



DETAIL-D
1:1



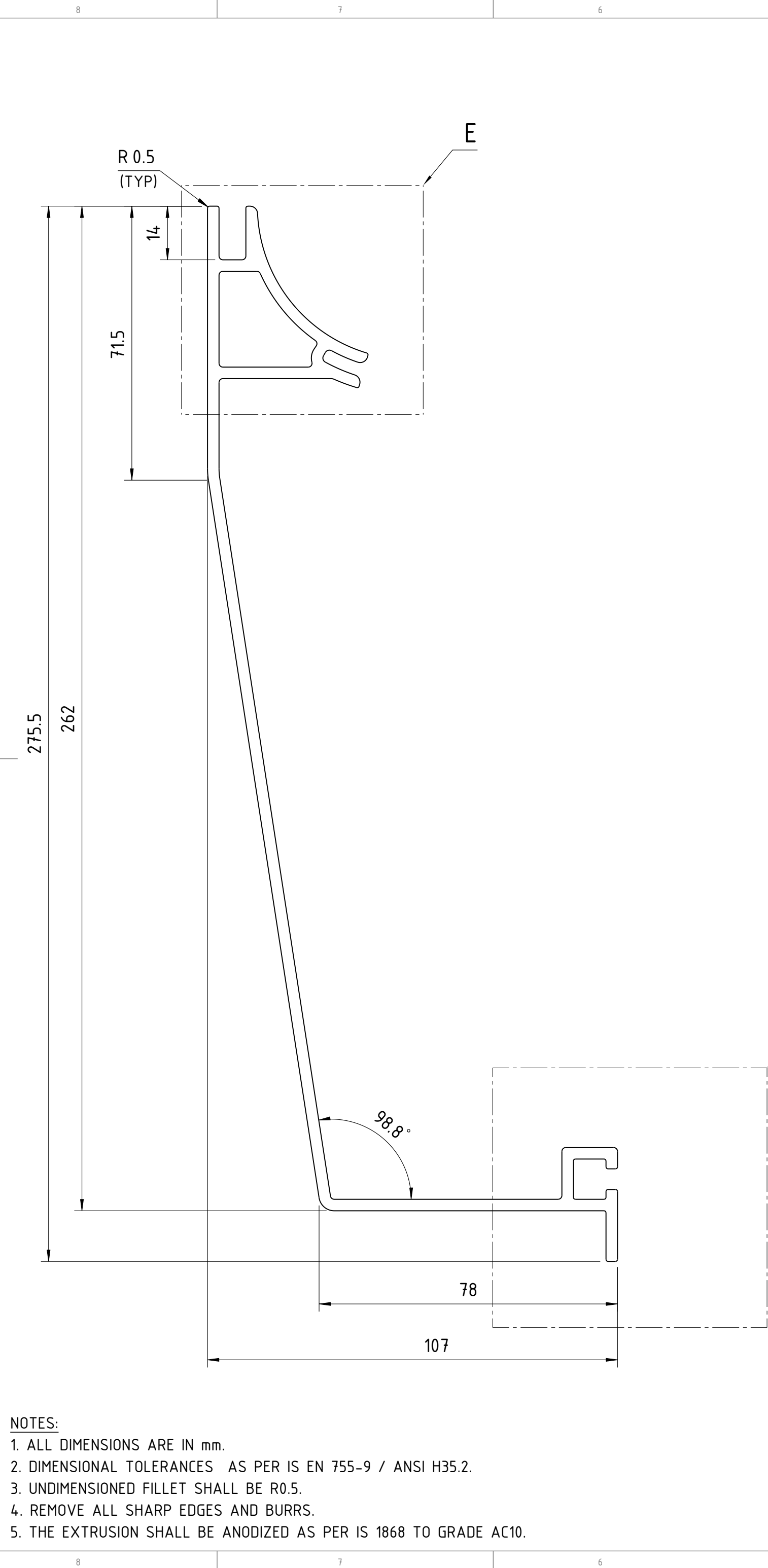
ISOMETRIC VIEW

UN CONTROLLED

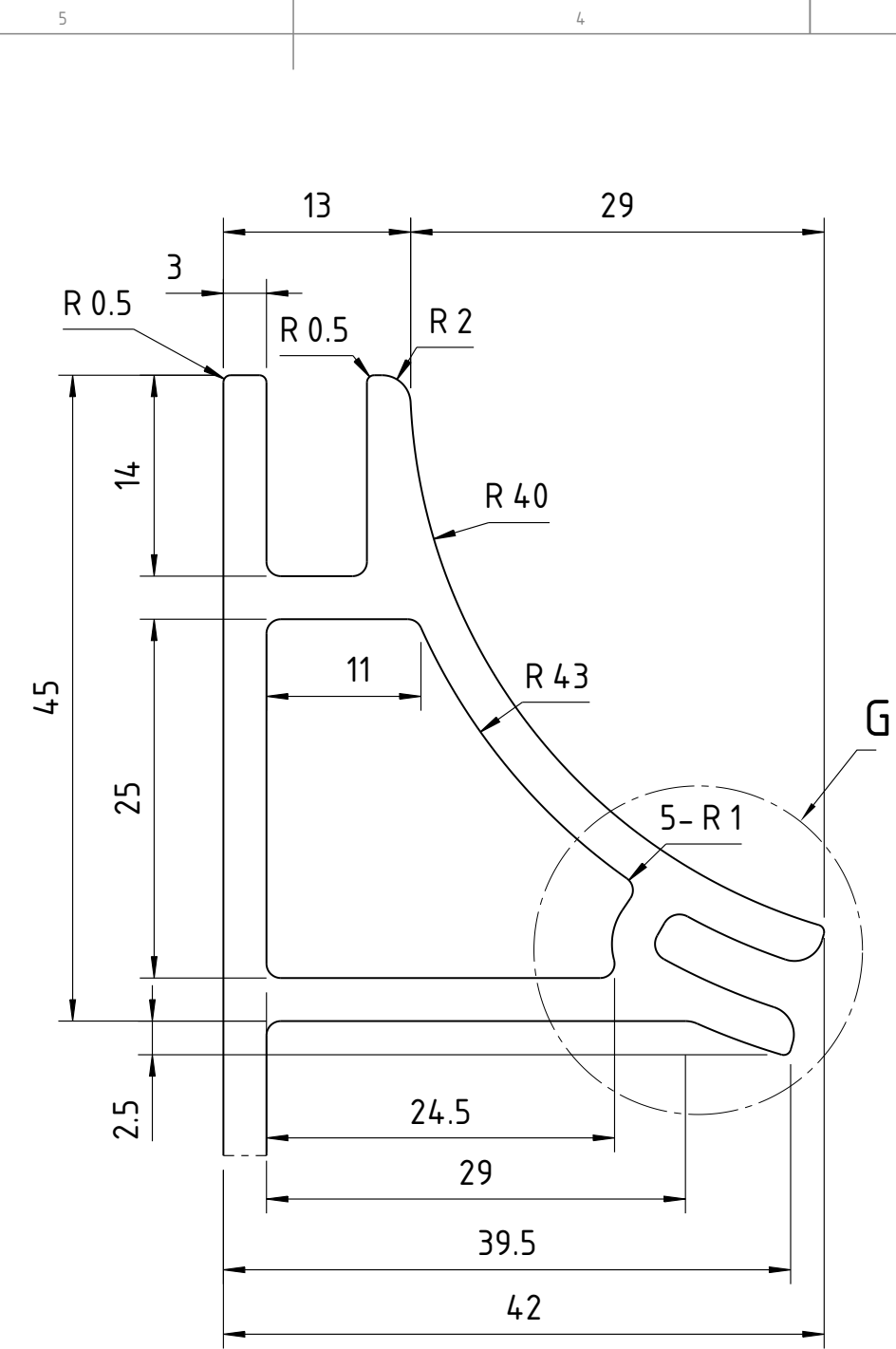
SL NO	PART NO	DESCRIPTION
1	843-16185-300	AS DRAWN
2	843-16185-301	OPP HAND DRAWN

843-16805		4290x275.5x3THK			
SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE (mm)	COMPANY STD./IS
					Wt. (Kg)
					MATERIAL
			PRODUCT		
			REF. DRG		
			MATERIAL	EN AW-6060-T6, EN 755 / A 6060-T6 ASTM B221	
			HEAT TREAT.	APPD	KRISHNA PRASAD 06.02.26
			SURFACE TREAT.	REVD	KRISHNA PRASAD 06.02.26
			TITLE	CHKD	SANTOSH KUMAR 06.02.26
				DRWN	ARTI KUMARI 06.02.26
			SCALE	1:10	1 of 1 14.04
			DRG No.	843-16185	
			ALT	0	
ALT No.	ECN No./CHANGES	DATE	BY	CHGO	APPD
BANGALORE COMPLEX					

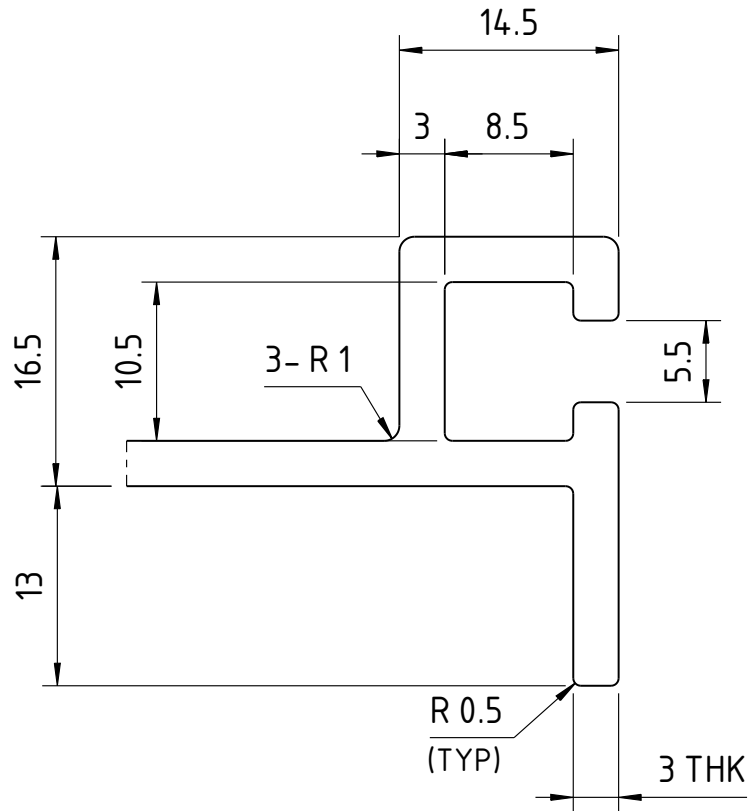
- NOTES:
- ALL DIMENSIONS ARE IN mm.
 - REMOVE ALL SHARP EDGES & BURRS.
 - COMPELTE SURFACE SHALL BE ANODIZED AS PER IS 1868 TO GRADE AC10.
 - SHOWN SURFACE SHALL BE POWDER COATED TO RAL 7048 , 30% GLOSSINES / SATIN.
 - SHALL COMPLY TO TDC NO. FPIC/TD/074.



- NOTES:
1. ALL DIMENSIONS ARE IN mm.
 2. DIMENSIONAL TOLERANCES AS PER IS EN 755-9 / ANSI H35.2.
 3. UNDIMENSIONED FILLET SHALL BE R0.5.
 4. REMOVE ALL SHARP EDGES AND BURRS.
 5. THE EXTRUSION SHALL BE ANODIZED AS PER IS 1868 TO GRADE AC10.

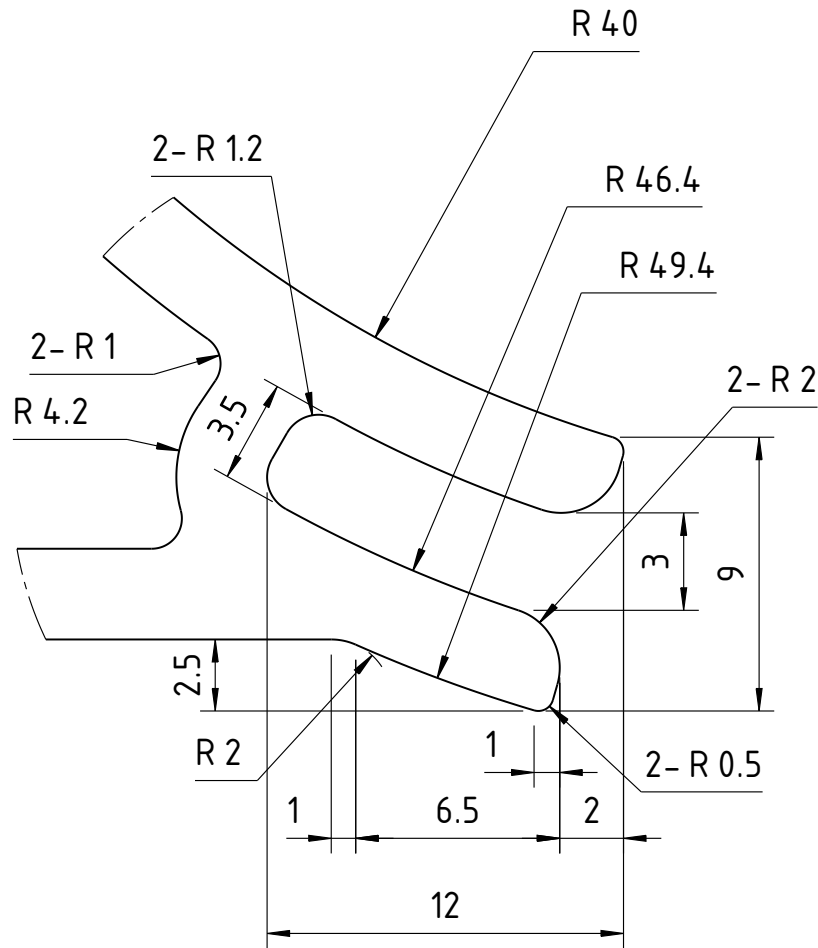


DETAIL-E
2:1



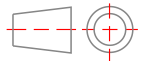
DETAIL-F
2:1

3		2					1				
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS CLASS - MEDIUM		RANGE	0.5 - 3	3 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000	
		TOLERANCE	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1						GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2					
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920						VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302.					
WELDING SHALL BE CARRIED OUT AS PER EN 15085-3				WELDING PROCESS SHALL BE AS PER EN ISO-6063			STATUS: PROTO/PRODUCTION				
WELDING SYMBOLS SHALL BE AS PER EN ISO-2553				WELDING POSITIONS SHALL BE AS PER EN ISO 6947							
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 5817											
WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN 15085-3						INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN 15085-5					

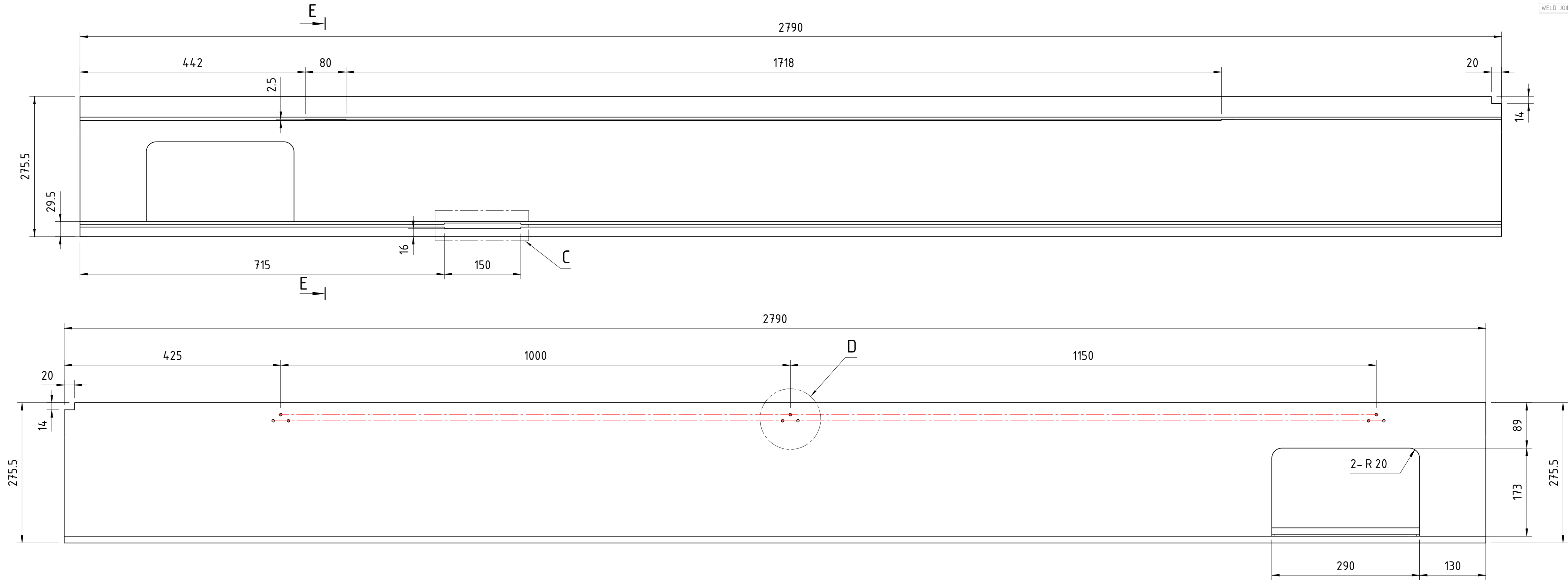


DETAIL-G
4:1

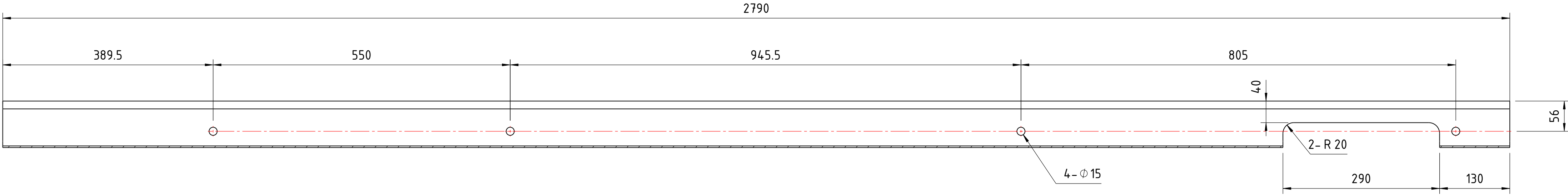
UN CONTROLLED

		---				---				
SL.No.	QTY	PART / STOCK No.		DESCRIPTION		SIZE (mm)		COMPANY STD./I.S	Wt. (Kg)	
								MATERIAL		
					PRODUCT	TRAIN B28				
					REF DRG	--				
					MATERIAL	EN AW-6060-T6, OF EN 755 / A 6060-T6 OF ASTM B221				
					HEAT TREAT.	--	APPD	KRISHNA PRASAD	05.02.26	
					SURFACE TREAT.	--	REVD	KRISHNA PRASAD	05.02.26	
					TITLE	DUCTING PROFILE, EXHAUST		CHKD	SANTOSH KUMAR	05.02.26
								DRWN	ARTI KUMARI	05.02.26
						SCALE		SHEET	1 OF 1	Wt.(kg)
						1:1				--
ALT.No.	ECN No./CHANGES		DATE	BY	CHKD	APPD	BANGALORE COMPLEX		DRG No. 843-16805	
								ALT		
3						2		1		A2

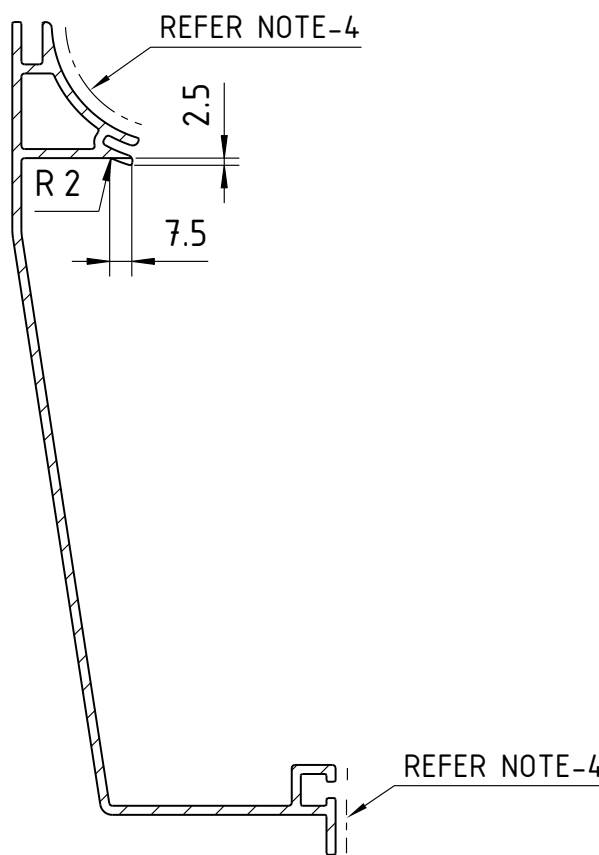
3		2					1				
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS		RANGE		0.5 - 3	3 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000
CLASS - MEDIUM		TOLERANCE		±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1							GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2				
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920							VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302				
WELDING SHALL BE CARRIED OUT AS PER EN ISO5817-3							WELDING PROCESS SHALL BE AS PER EN ISO4063				
WELDING SYMBOLS SHALL BE AS PER EN ISO 2553							WELDING POSITIONS SHALL BE AS PER EN ISO 6947				
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 5817							STATUS: PROTO/PRODUCTION				
WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN ISO5817-3							INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN ISO5815-5				



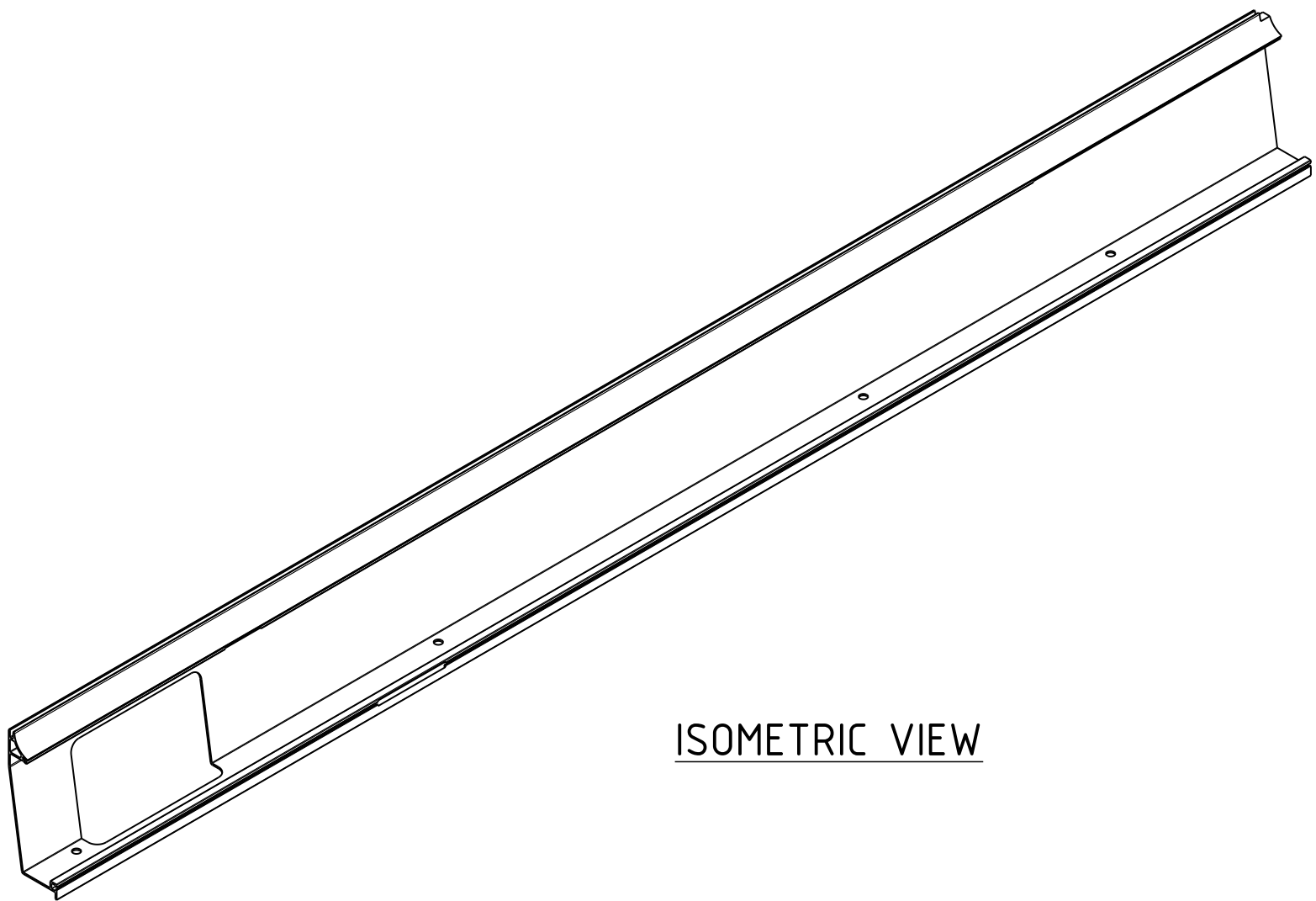
AUXILIARY VIEW-A



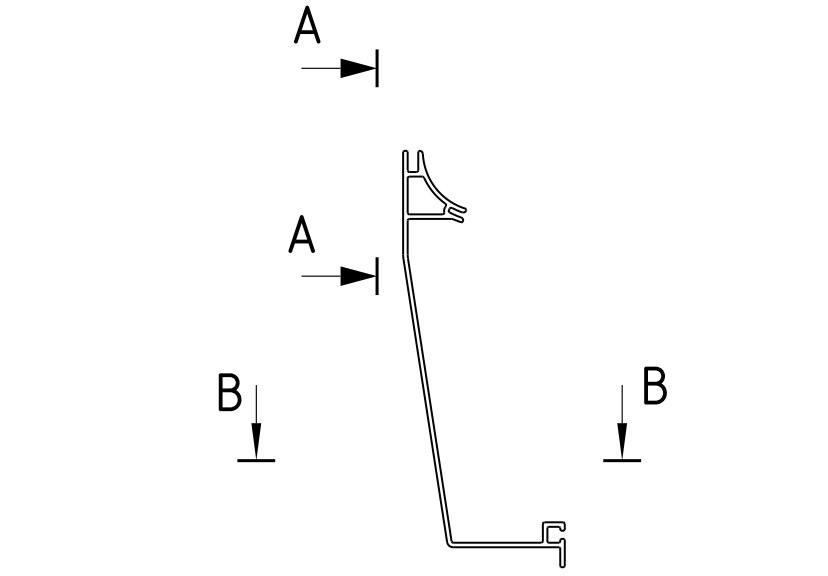
SECTION B-B



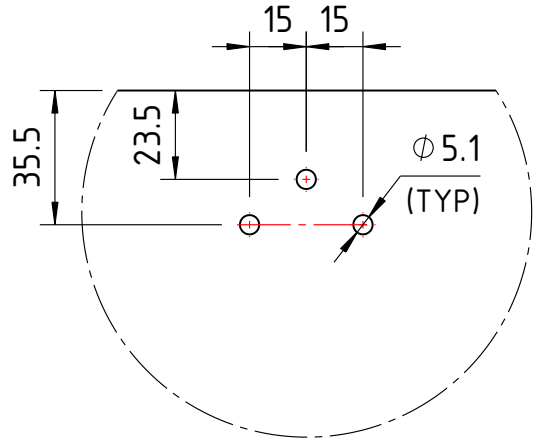
SECTION E-E
2.5



ISOMETRIC VIEW



DETAIL-C
1:2



DETAIL-D
1:2

UN CONTROLLED

843-16805		2790x275.5x3THK			
SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE (mm)	COMPANY STD./IS
				MATERIAL	
				PRODUCT	
				REF. DRG	
				MATERIAL	
				HEAT TREAT.	
				SURFACE TREAT.	
				TITLE	
				SCALE	
				SHEET	
				Wt. (kg)	
				ALT	
				0	

APPD	KRISHNA PRASAD	26.03.26
REV0	KRISHNA PRASAD	26.03.26
CHKD	SANTOSH KUMAR	26.03.26
DRWN	ARTI KUMARI	26.03.26
SCALE	1:5	
SHEET	1 of 1	
Wt. (kg)	10.6	
ALT	0	

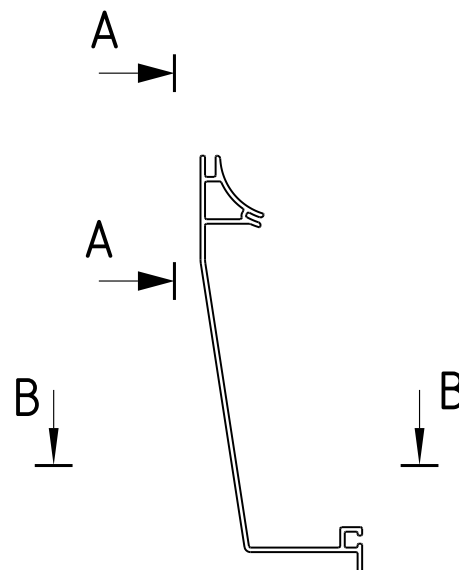
ALT No.	ECN No./CHANGES	DATE	BY	CHKD	APPD

PRODUCT	DUCTING PROFILE, EXHAUST
REF. DRG	EN AW-6060-T6, EN 755 / A 6060-T6 ASTM B221
MATERIAL	6060-T6
HEAT TREAT.	
SURFACE TREAT.	
TITLE	
SCALE	1:5
SHEET	1 of 1
Wt. (kg)	10.6
ALT	0

846-16120	0
-----------	---

- NOTES:
- ALL DIMENSIONS ARE IN mm.
 - REMOVE ALL SHARP EDGES & BURRS.
 - COMPELTE SURFACE SHALL BE ANODIZED AS PER IS 1868 TO GRADE AC10.
 - SHOWN SURFACE SHALL BE POWDER COATED TO RAL 7048 , 30% GLOSSINES / SATIN.
 - SHALL COMPLY TO TDC NO. FPIC/TD/074.

143-16805				1750x275.5x3THK					
SL.No.	QTY	PART / STOCK No.		DESCRIPTION		SIZE (mm)	COMPANY STD./S	Wt. (Kg)	
							MATERIAL		
△				PRODUCT					
				REF. DRG	--				
△				MATERIAL	EN AW-6060-T6, EN 755 / A 6060-T6 ASTM B221				
				HEAT TREAT	APPD	KRISHNA PRASAD	26.03.26		
				SURFACE TREAT	REVD	KRISHNA PRASAD	26.03.26		
△				TITLE	CHKD	SANTOSH KUMAR	26.03.26		
				DUCTING PROFILE, EXHAUST	DRWN	ARTI KUMARI	26.03.26		
					SCALE		SHEET	Wt (kg)	
△					1:5		1 OF 1	10.2	
ALT.No.	ECN No./CHANGES		DATE	BY	CHKD	APPD	BANGALORE BEML COMPLEX		
							845-16154		



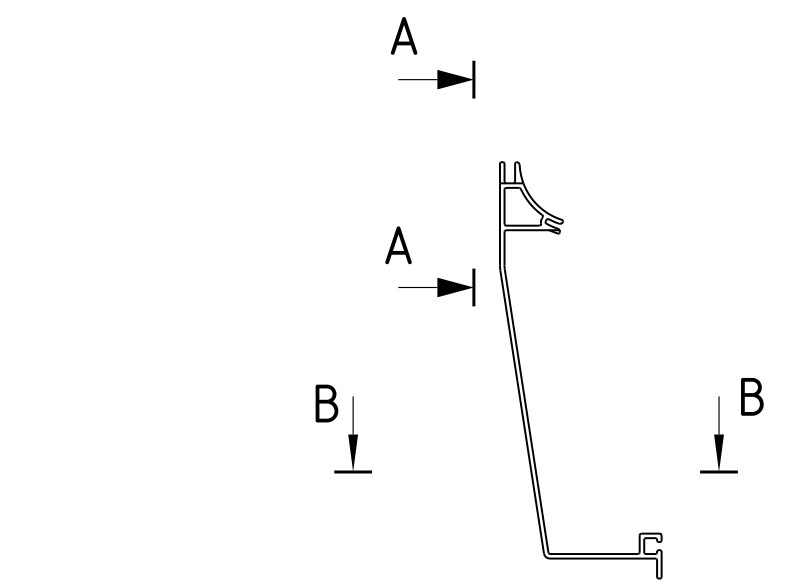
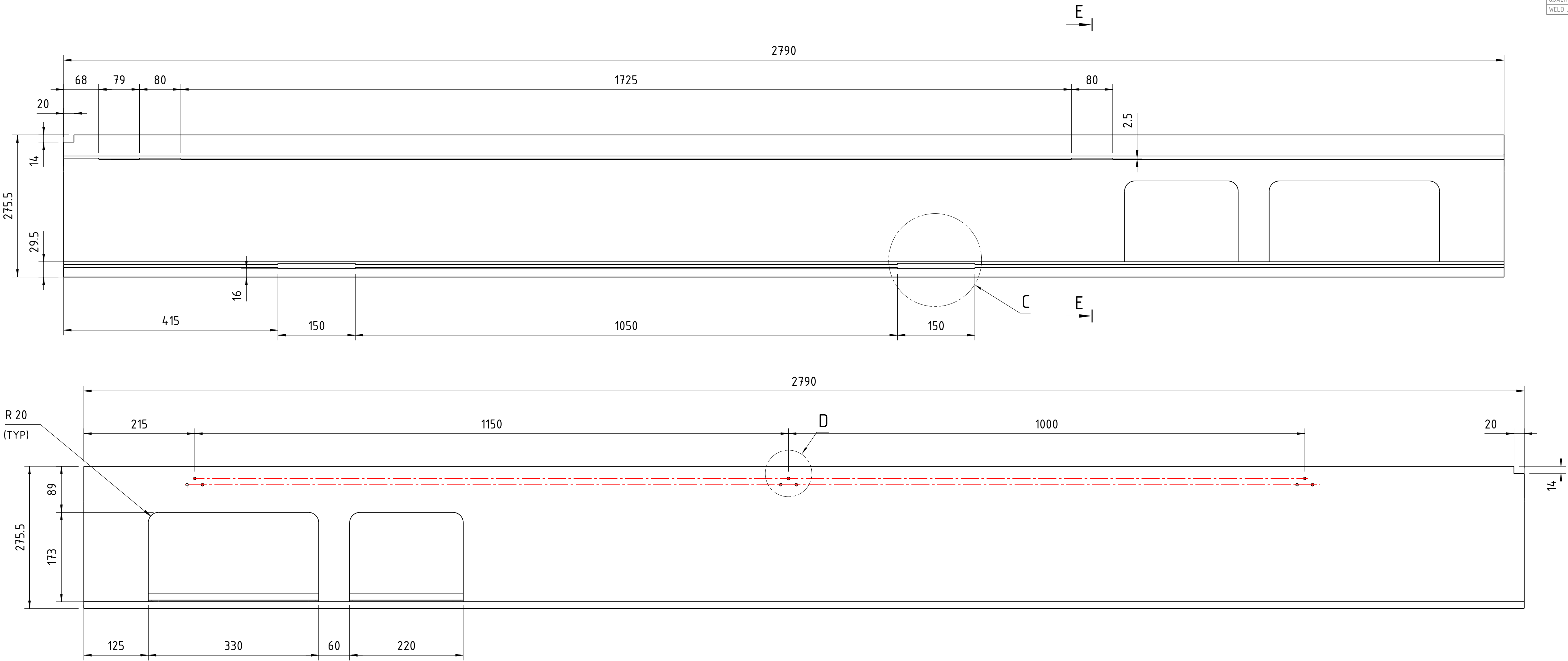
UN CONTROLLED



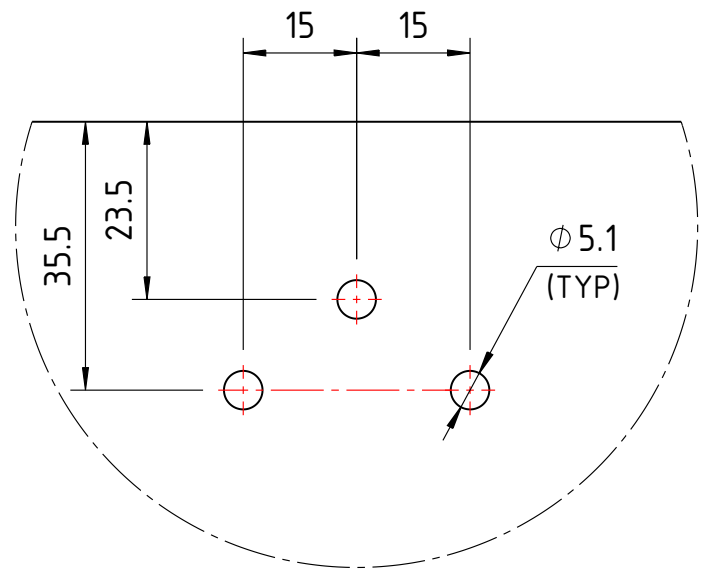
NOTES:

1. ALL DIMENSIONS ARE IN MM.
2. REMOVE ALL SHARP EDGES & BURRS.
3. COMPELTE SURFACE SHALL BE ANODIZED AS PER IS 1868 TO GRADE AC10.
4. SHOWN SURFACE SHALL BE POWDER COATED TO RAL 7048 , 30% GLOSSINES / SATIN
5. SHALL COMPLY TO TDC NO. FPIIC/TD/074.

3		2		1	
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS		TOLERANCE		RANGE	
CLASS - MEDIUM		TOLERANCE		RANGE	
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1		GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2		VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302	
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920		WELDING SHALL BE CARRIED OUT AS PER EN 15085-3		WELDING POSITIONS SHALL BE AS PER EN ISO 6947	
WELDING SYMBOLS SHALL BE AS PER EN ISO 2553		WELDING JOINT PREPARATIONS SHALL BE AS PER EN ISO 5817		INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN 15085-5	
WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN 15085-3		STATUS:		PROTO/PRODUCTION	

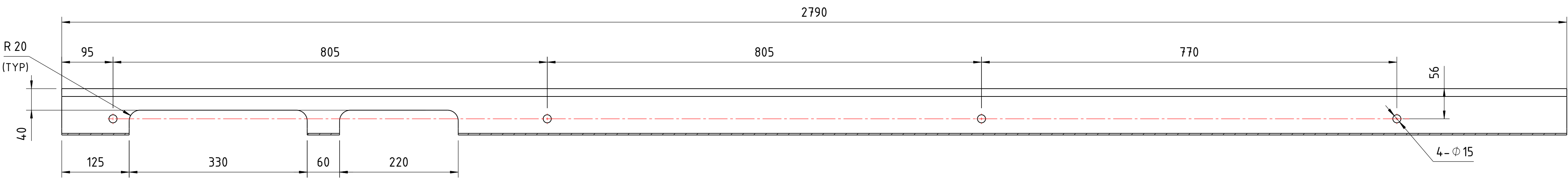


DETAIL-C
1:2

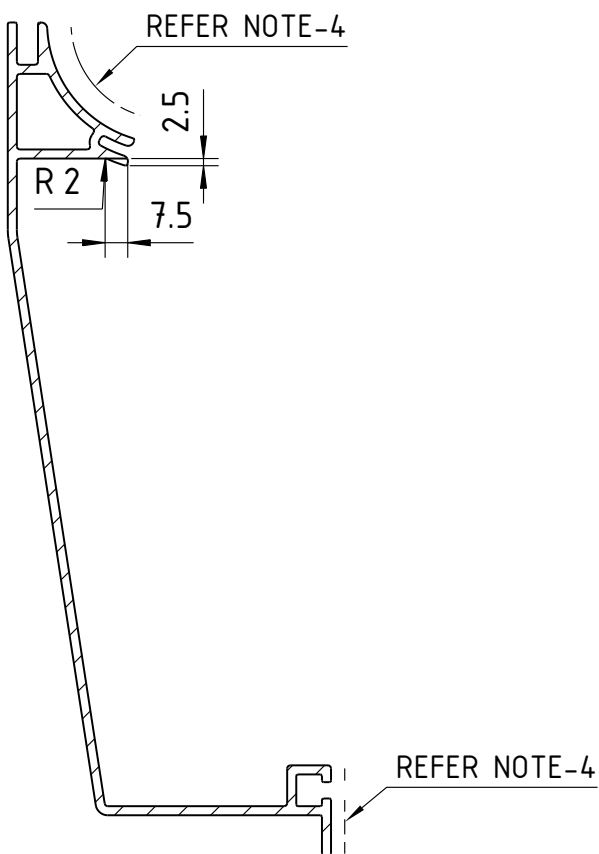


DETAIL-D
1:1

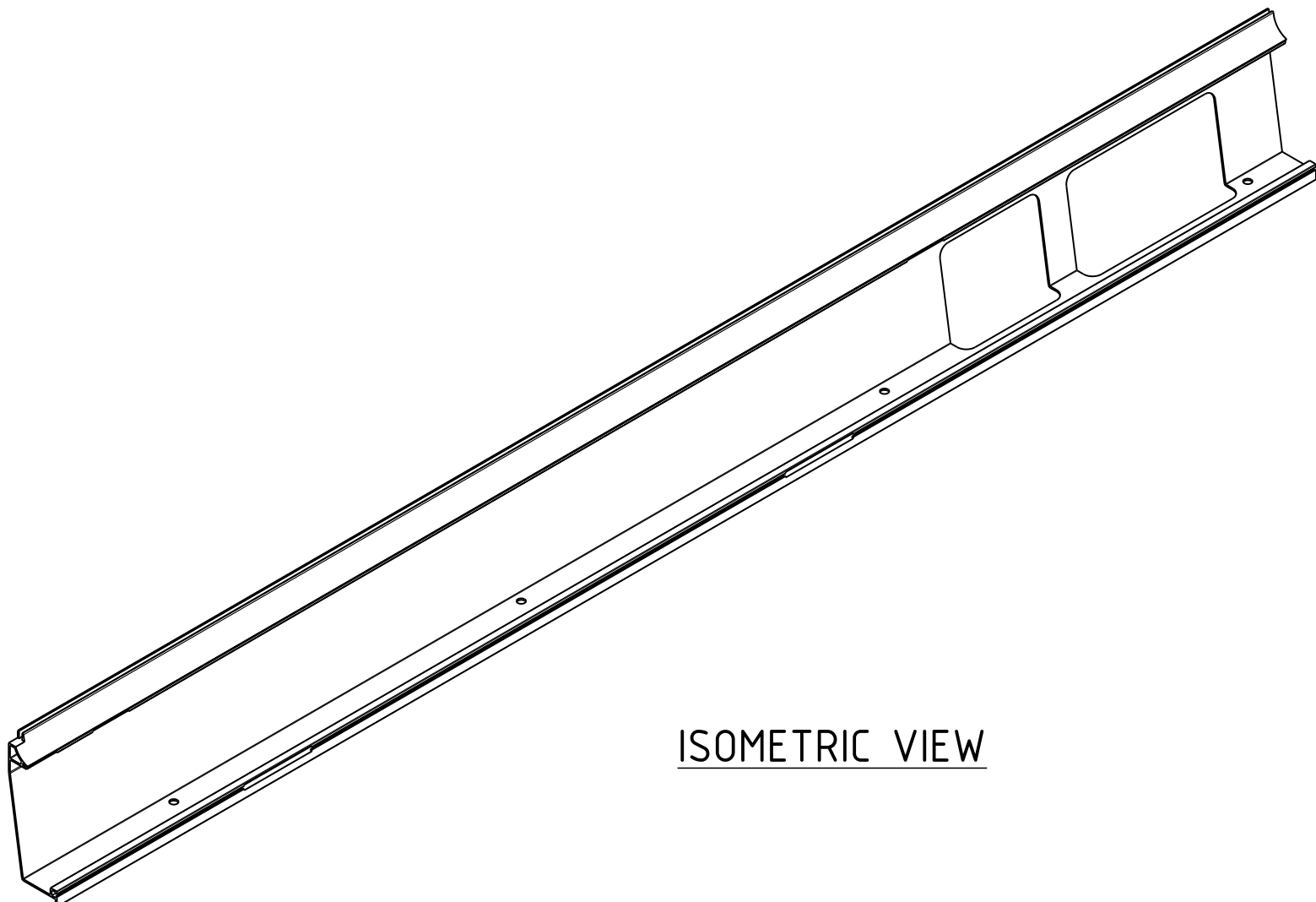
AUXILIARY VIEW-A



SECTION B-B



SECTION E-E
2.5



ISOMETRIC VIEW

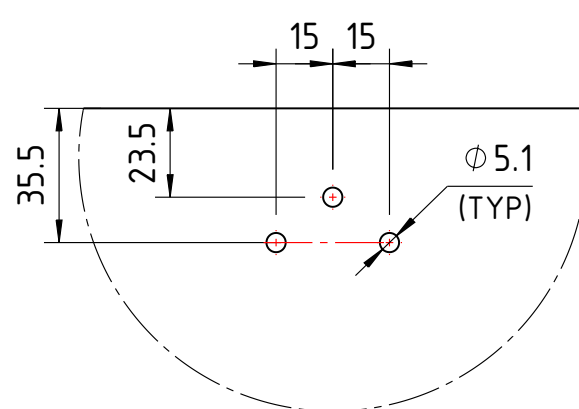
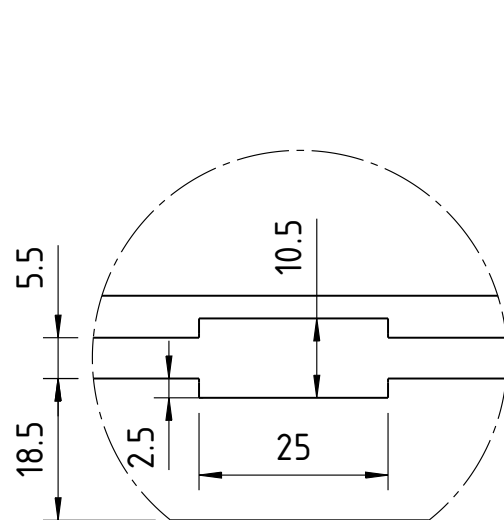
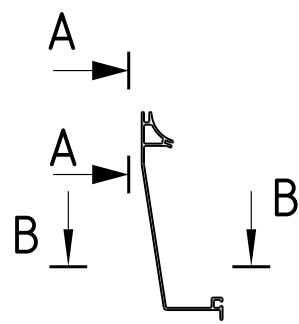
UN CONTROLLED

NOTES:

1. ALL DIMENSIONS ARE IN mm.
2. REMOVE ALL SHARP EDGES & BURRS.
3. COMPELTE SURFACE SHALL BE ANODIZED AS PER IS 1868 TO GRADE AC10.
4. SHOWN SURFACE SHALL BE POWDER COATED TO RAL 7048 , 30% GLOSSINES / SATIN.
5. SHALL COMPLY TO TDC NO. FPIC/TD/074.

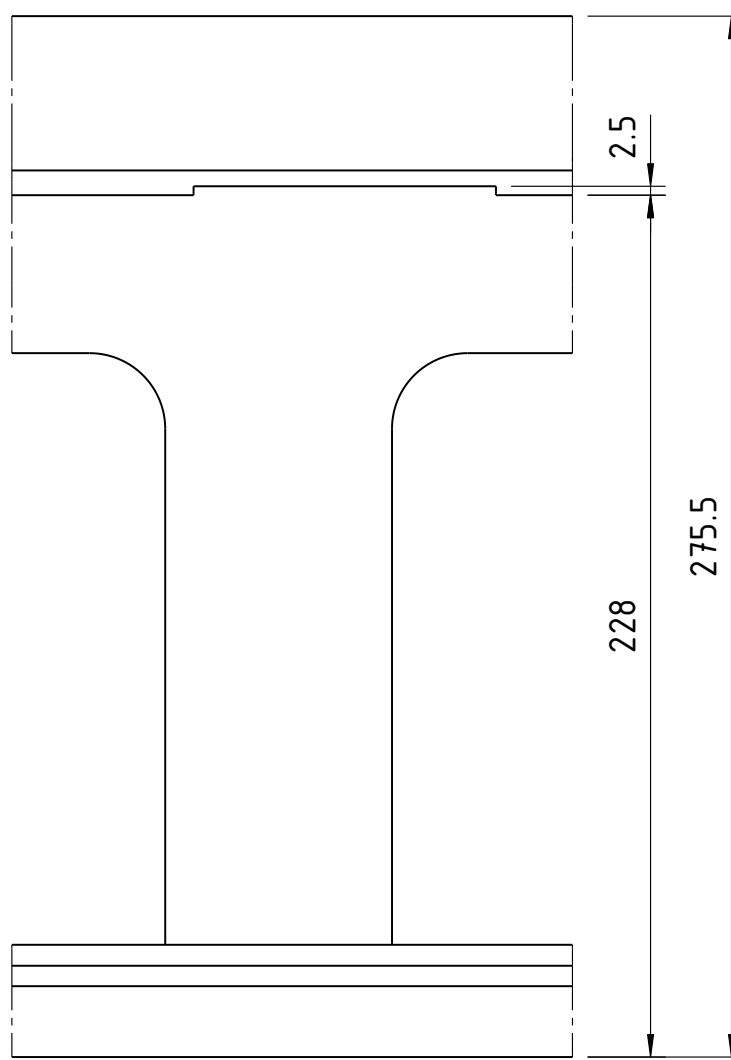
843-16805		2790x275.5x3THK			
SLNo.	QTY	PART / STOCK No.	DESCRIPTION	SIZE (mm)	COMPANY STD./IS
				MATERIAL	
				PRODUCT	
				REF. DRG	
				MATERIAL	
				HEAT TREAT.	
				SURFACE TREAT.	
				TITLE	
				SCALE	
				SHEET	
				Wt. (kg)	
				ALT	
				0	
				A1	

3		2			1		
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS		3			1		
RANGE		0.5 - 3	3 - 6	6 - 30	30 - 120	120 - 400	400 - 1000
CLASS - MEDIUM	TOLERANCE	+0.1	+0.1	+0.2	+0.3	+0.5	+0.8
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1					GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2		
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920					VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1392		
WELDING SHALL BE CARRIED OUT AS PER EN ISO 9589-3					WELDING PROCESS SHALL BE AS PER EN ISO 4063		
WELDING JOINTS SHALL BE AS PER EN ISO 2553					WELDING POSITIONS SHALL BE AS PER EN ISO 6947		
QUALITY LEVEL FOR IMPERFECTIONS IN FUSED WELDED JOINTS SHALL BE AS PER EN ISO 8187					STATUS		
WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN ISO 9589-1					INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN ISO 9589-5		



DETAIL-D
1:2

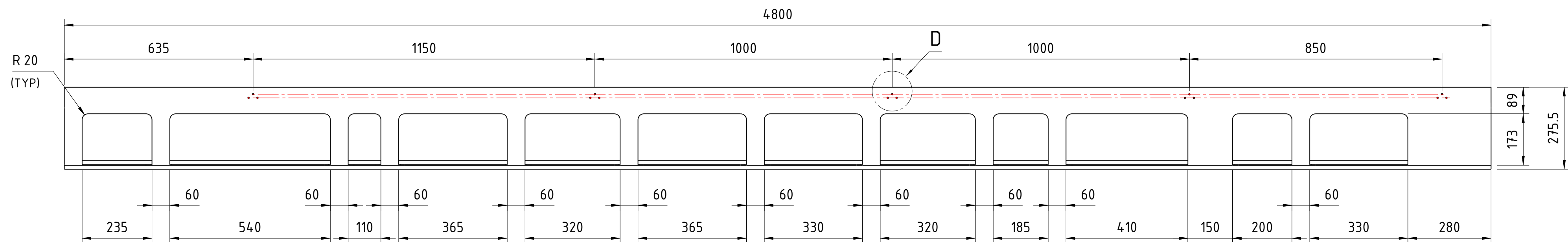
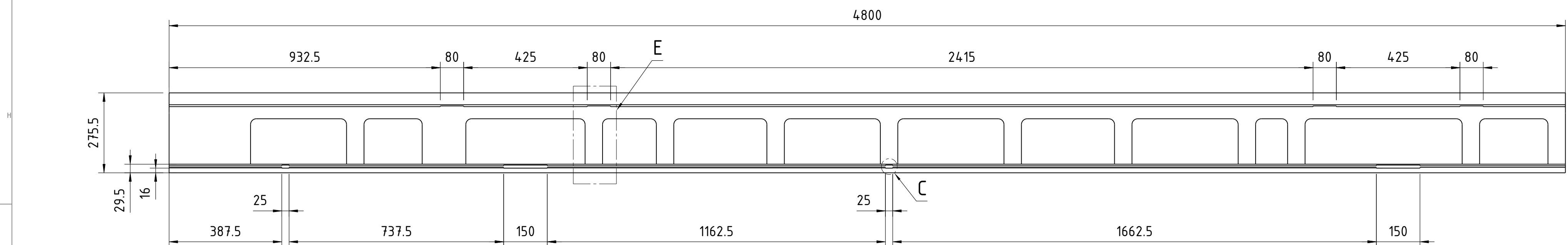
DETAIL-C
1:1



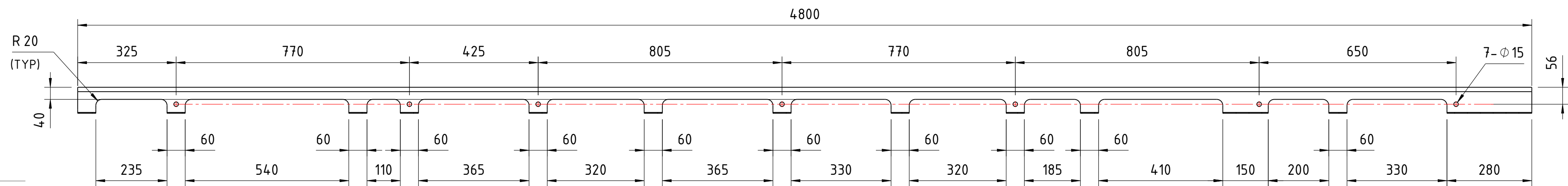
DETAIL-E
1:2

UN CONTROLLED

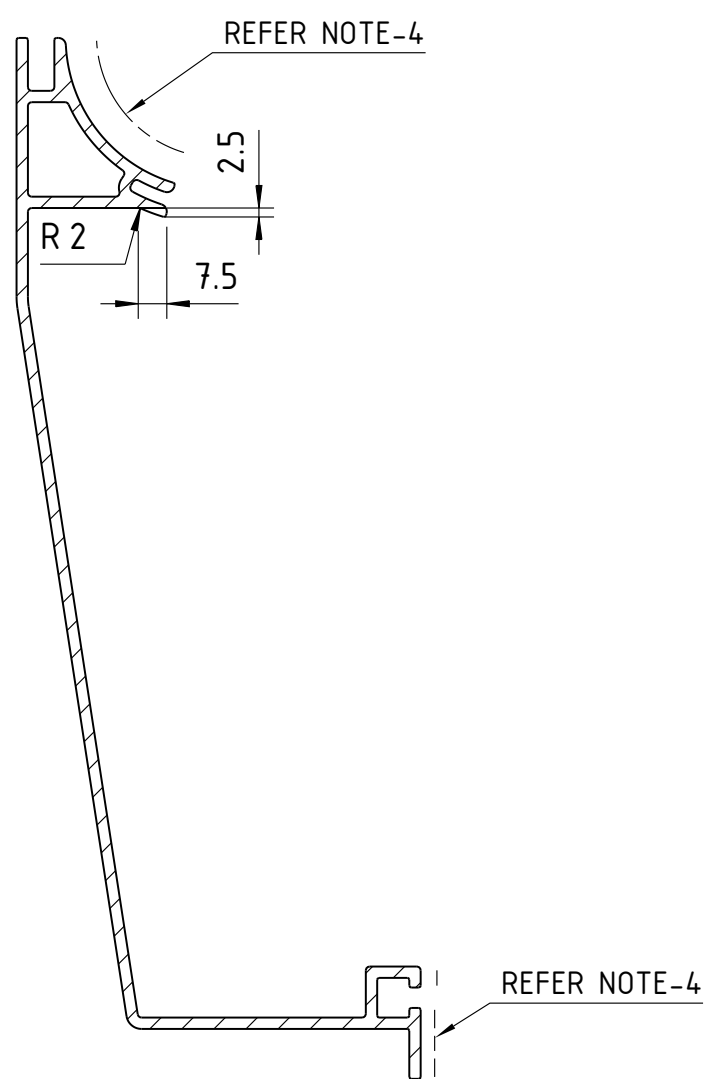
843-16805				4800x275.5x3THK					
SL.No.	QTY	PART / STOCK No.			DESCRIPTION		SIZE (mm)	COMPANY STD./IS	Wt. (Kg)
								MATERIAL	
△					PRODUCT				
					REF. DRG	--			
△					MATERIAL	EN AW-6060-T6, EN 755 / A 6060-T6 ASTM B221			
					HEAT TREAT	APPD	KRISHNA PRASAD	26.03.26	
△					SURFACE TREAT	REVD	KRISHNA PRASAD	26.03.26	
					TREAT TITLE	CHKD	SANTOSH KUMAR	26.03.26	
△					DUCTING PROFILE, EXHAUST	DRWN	ARTI KUMARI	26.03.26	
						SCALE		SHEET	Wt (kg)
△						1:10		1 OF 1	12.9
ALT.No.		ECN No./CHANGES		DATE	BY	CHKD	APPD	ALT	
									0
					BANGALORE		845-16152		
					COMPLEX				



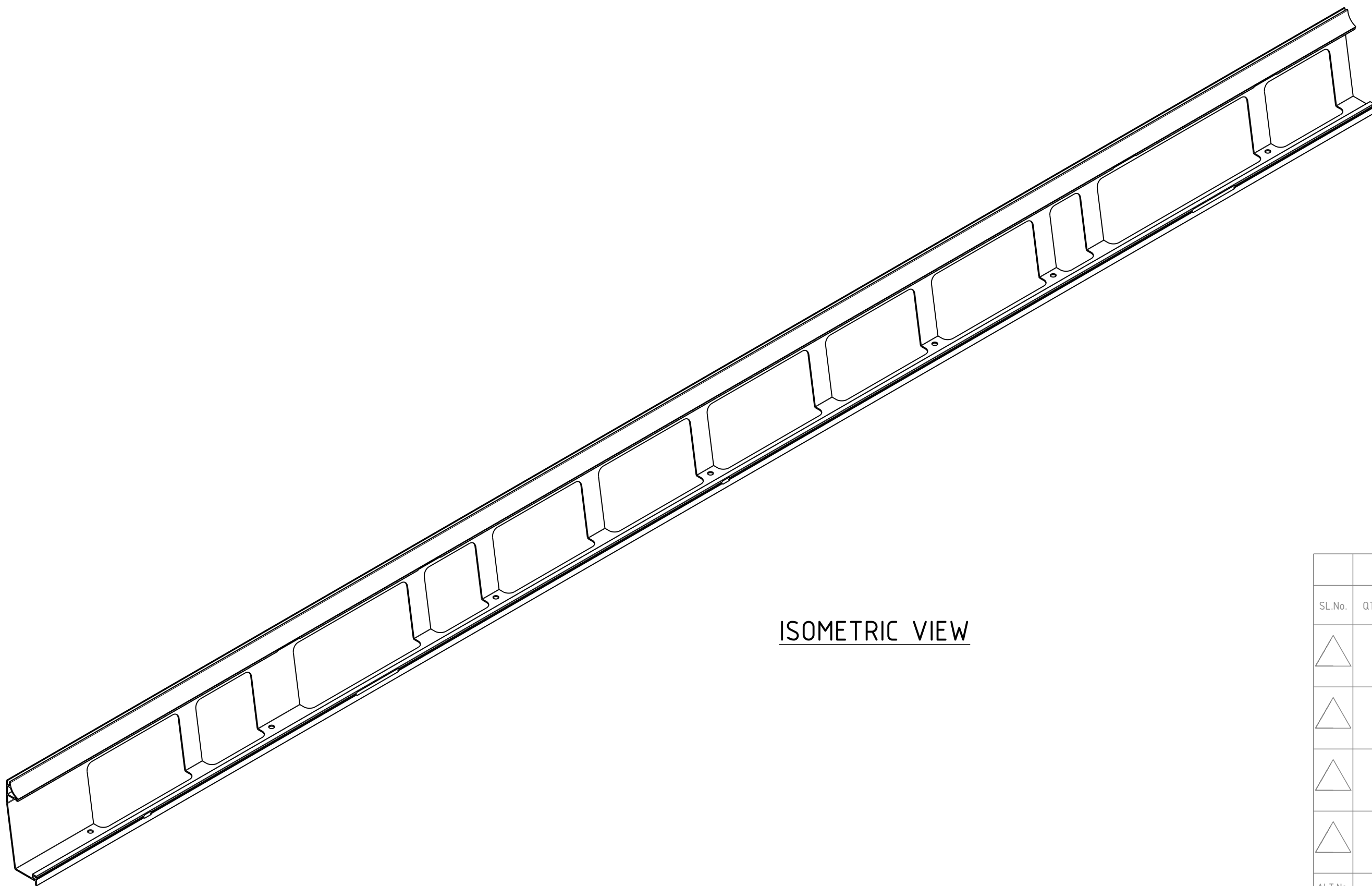
AUXILIARY VIEW-A



SECTION B-B



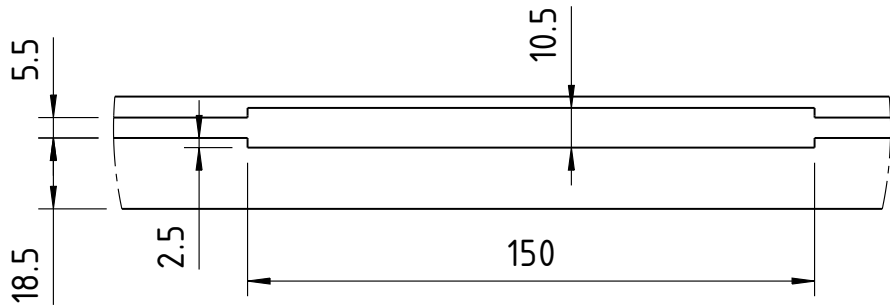
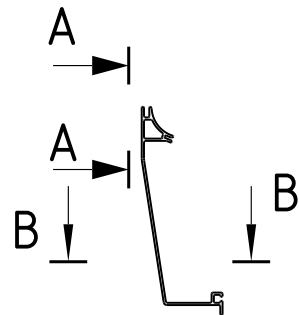
SECTION F-F
1:2



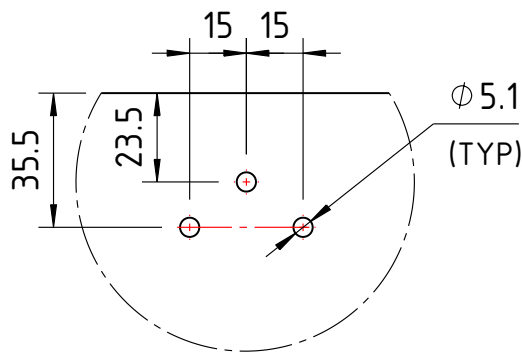
ISOMETRIC VIEW

- NOTES:**
1. ALL DIMENSIONS ARE IN mm.
 2. REMOVE ALL SHARP EDGES & BURRS.
 3. COMPLETE SURFACE SHALL BE ANODIZED AS PER IS 1868 TO GRADE AC10.
 4. SHOWN SURFACE SHALL BE POWDER COATED TO RAL 7048 , 30% GLOSSINES / SATIN.
 5. SHALL COMPLY TO DTC NO. FPIIC/TD/074.

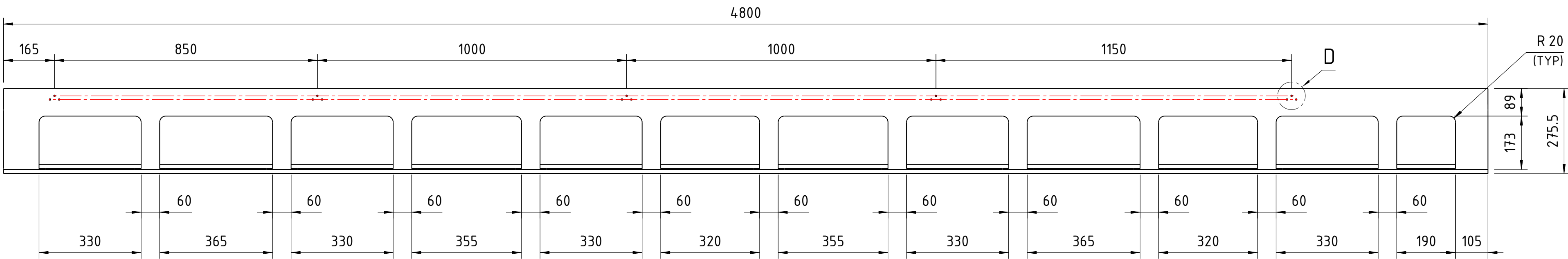
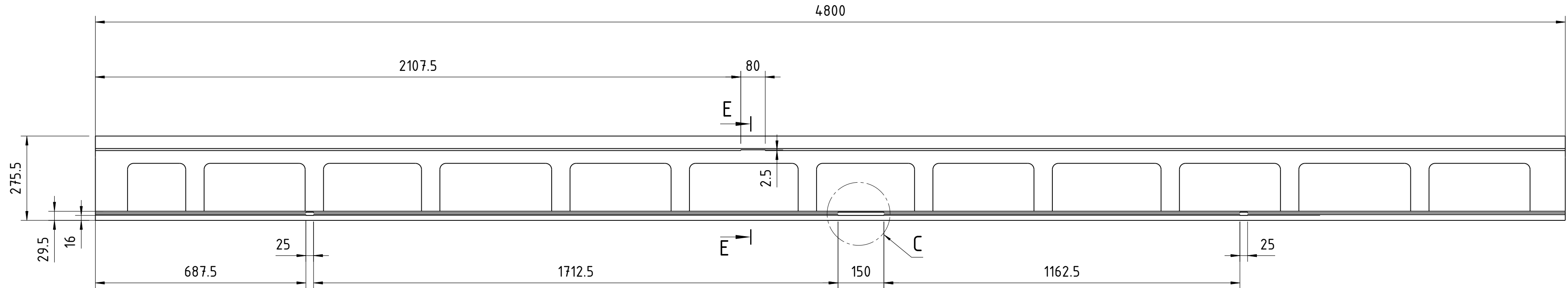
3		2		1	
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS					
RANGE		0.5 - 3		6 - 30	
TOLERANCE		±0.1		±0.1	
CLASS - MEDIUM					
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1				GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2	
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920				VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302	
WELDING SHALL BE CARRIED OUT AS PER EN 15085-3				WELDING PROCESS SHALL BE AS PER EN ISO 4063	
WELDING SYMBOLS SHALL BE AS PER EN ISO 2553				WELDING POSITIONS SHALL BE AS PER EN ISO 6947	
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 5817				STATUS: PROTO/PRODUCTION	
WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN 15085-3				INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN 15085-5	



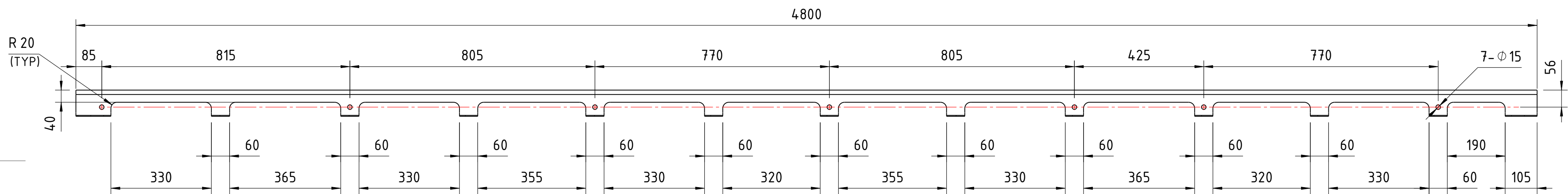
DETAIL-C
1:2



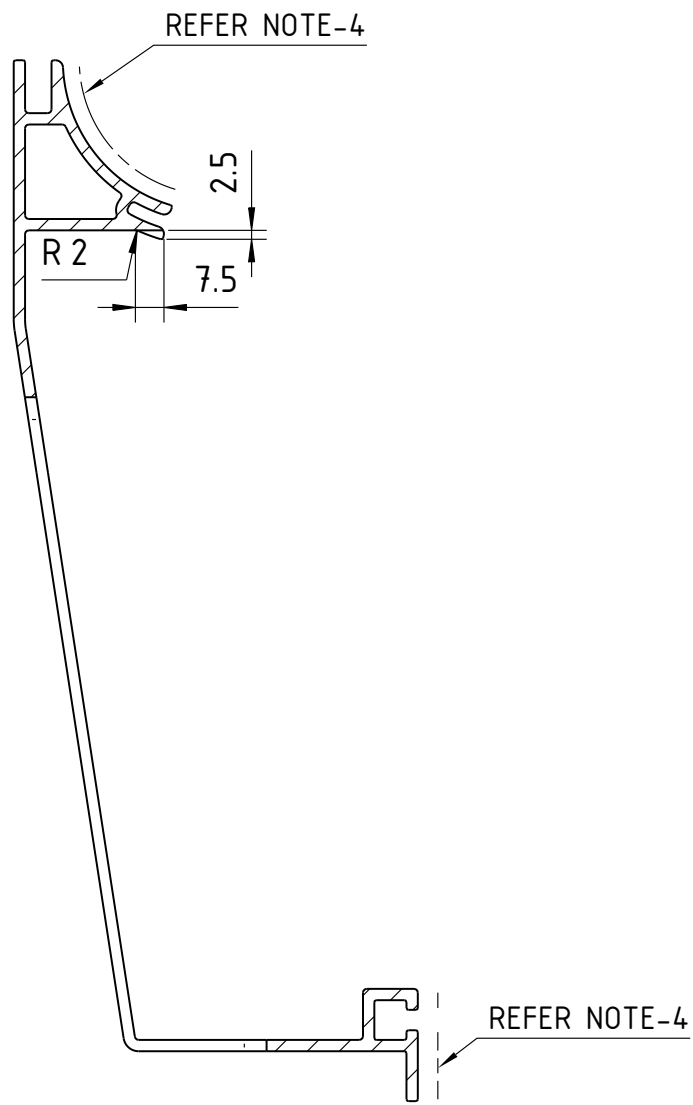
DETAIL-D
1:2



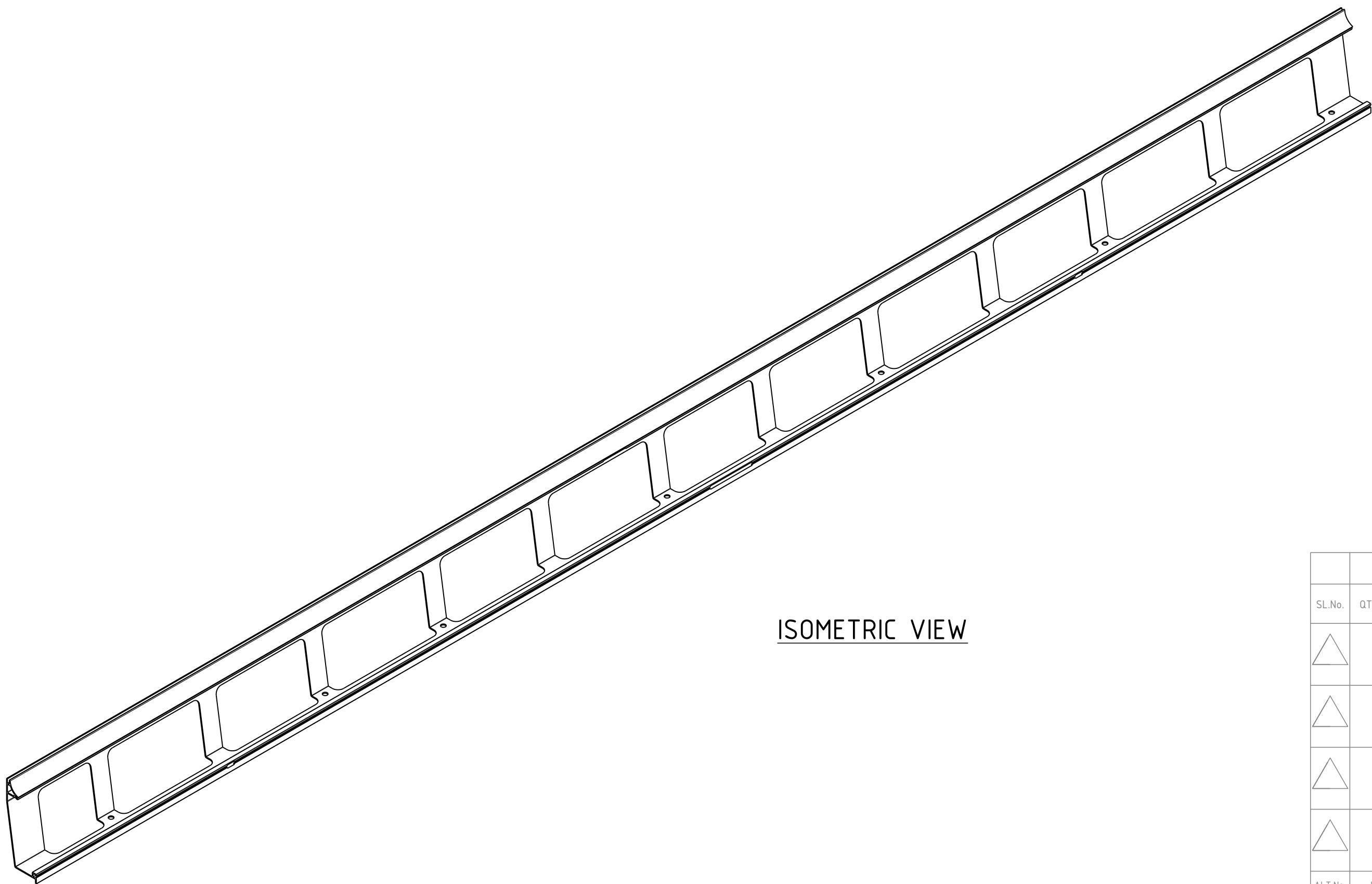
AUXILIARY VIEW-A



SECTION B-B



SECTION E-E
1:2



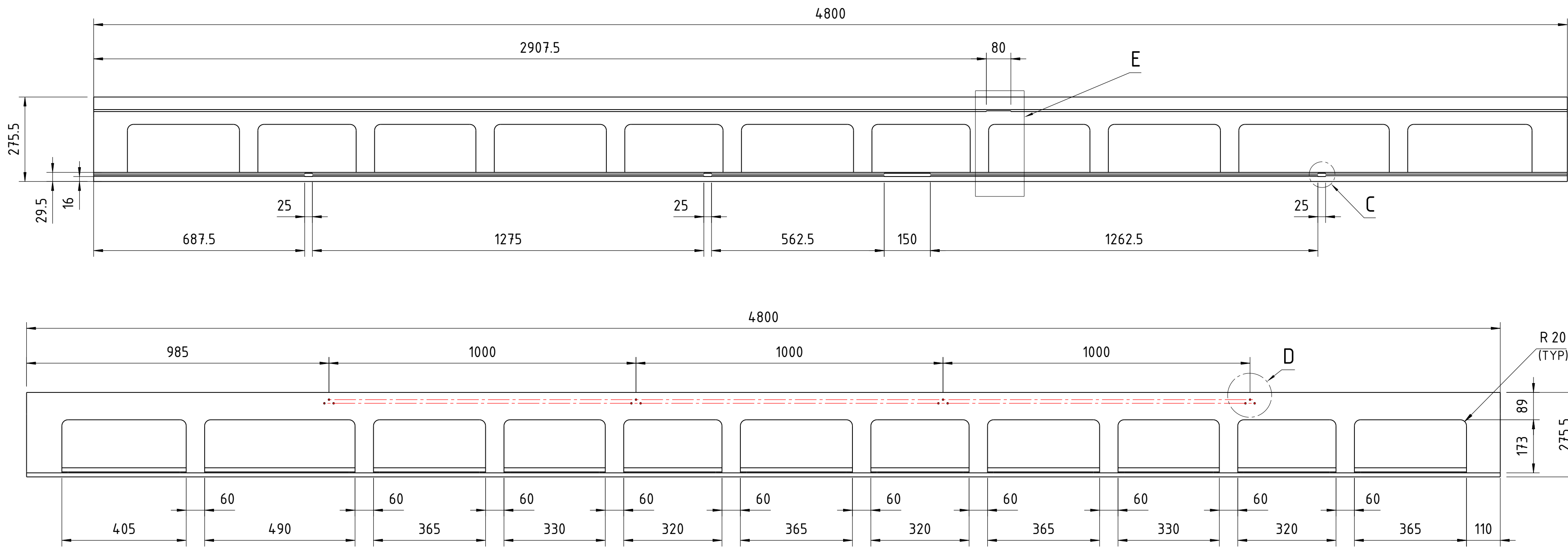
ISOMETRIC VIEW

UN CONTROLLED

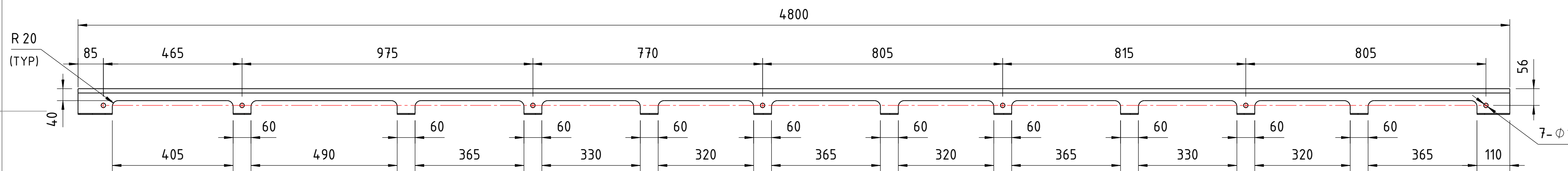
843-16805		4800x275.5x3THK			
SLNo.	QTY	PART / STOCK No.	DESCRIPTION	SIZE (mm)	COMPANY STD./IS
				MATERIAL	
				PRODUCT	
				REF. DRG	
				MATERIAL	
				HEAT TREAT.	
				SURFACE TREAT.	
				TITLE	
				APPD	
				REV	
				CHKD	
				DRWN	
				SCALE	
				SHEET	
				Wt. (kg)	
				1:10	
				1 of 1	
				12.6	
				ALT	
				0	
				A1	

- NOTES:
- ALL DIMENSIONS ARE IN mm.
 - REMOVE ALL SHARP EDGES & BURRS.
 - COMPELTE SURFACE SHALL BE ANODIZED AS PER IS 1868 TO GRADE AC10.
 - SHOWN SURFACE SHALL BE POWDER COATED TO RAL 7048 , 30% GLOSSINES / SATIN.
 - SHALL COMPLY TO TDC NO. FPIC/TD/074.

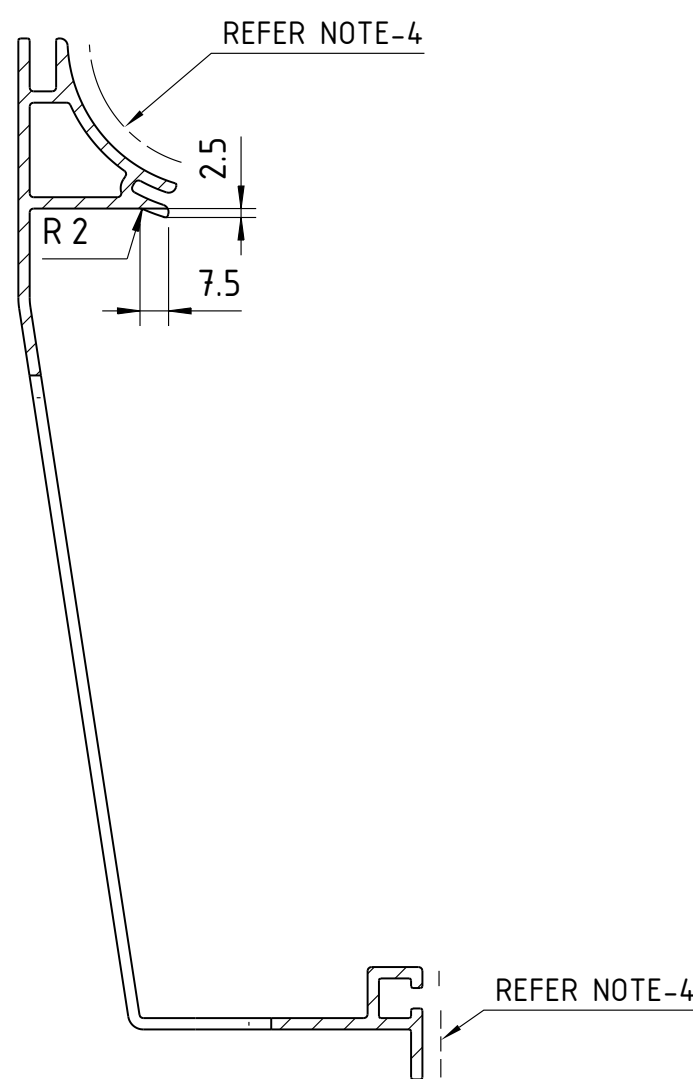
3		2				1				
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS		RANGE	0.5 - 3	3 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000
CLASS - MEDIUM	TOLERANCE		±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1						GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2				
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920						VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302				
WELDING SHALL BE CARRIED OUT AS PER ISO 5008-3 WELDING PROCESS SHALL BE AS PER ISO 4063						PROTO PRODUCTION				
WELDING SYMBOLS SHALL BE AS PER EN ISO 2553										
WELDING TENSILE STRENGTH SHALL BE AS PER EN ISO 6947										
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN 5817										
WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN ISO 5085-3 INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER ISO 5085-5										



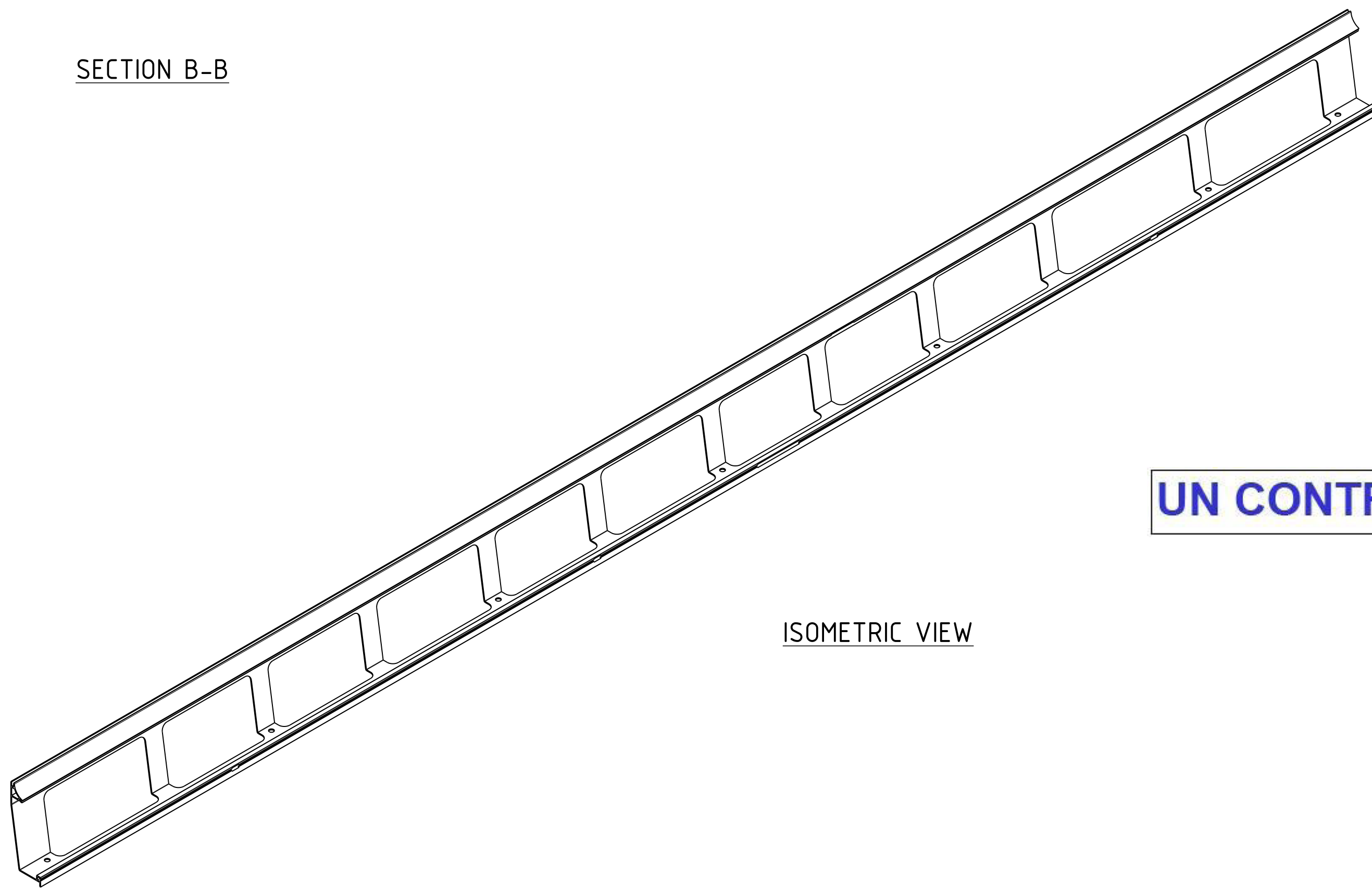
AUXILIARY VIEW-A



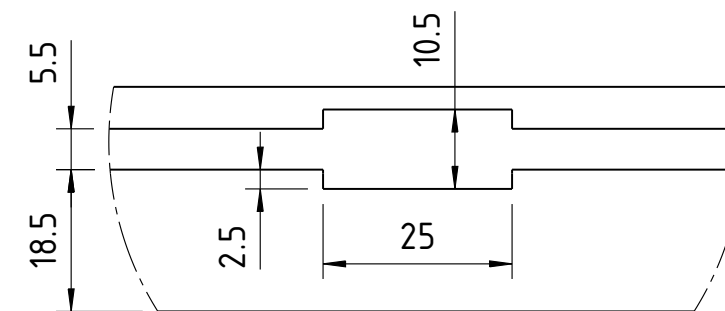
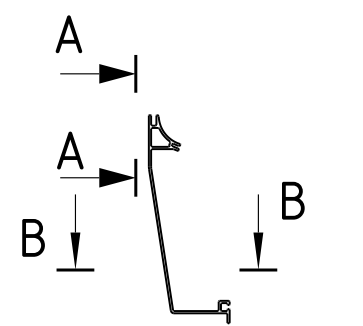
SECTION B-B



SECTION F-F
1:2

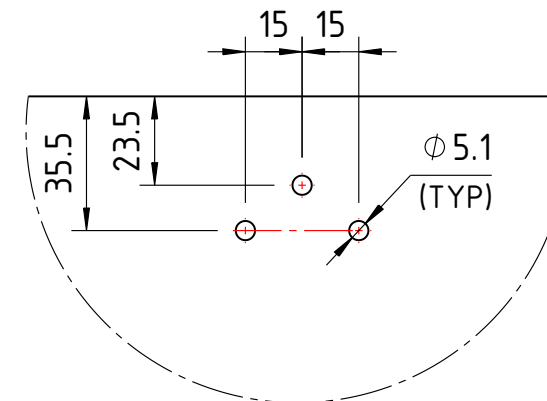


ISOMETRIC VIEW

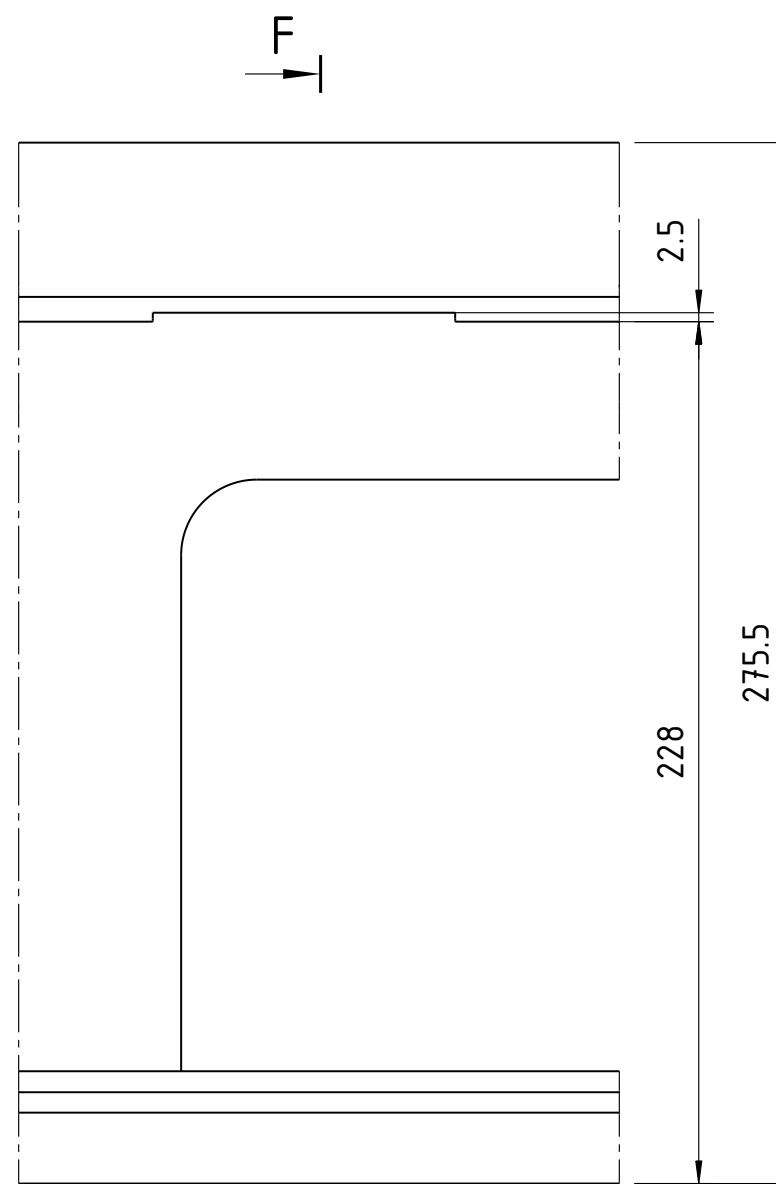


DETAIL-C

1:1



DETAIL-D
1:2



DETAIL-E
1:2

SL NO	PART NO	DESCRIPTION
1	845-16147-300	AS DRAWN
2	845-16147-301	OPP HAND DRAWN

[illegible]

UN CONTROLLED

NOTES:

1. ALL DIMENSIONS ARE IN mm.

2. REMOVE ALL SHARP EDGES & BURRS.

3. COMPELTE SURFACE SHALL BE ANODIZED AS PER IS 1868 TO GRADE AC10.

4. SHOWN SURFACE SHALL BE POWDER COATED TO RAL 7048 , 30% GLOSSINES / SATIN

5. SHALL COMPLY TO TDC NO. FPIIC/TD/074.

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