

American 60s Roadster

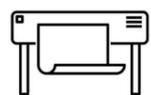
Chassis step 2 - Firewall tube



Stress & Fatigue analysis is available for this assembly.

Skills required for this assembly are the following :

Paper templates :

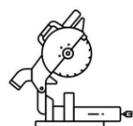


Printing



Cutting (paper)

Metal tubes :



Cutting



Grinding

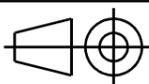


Welding

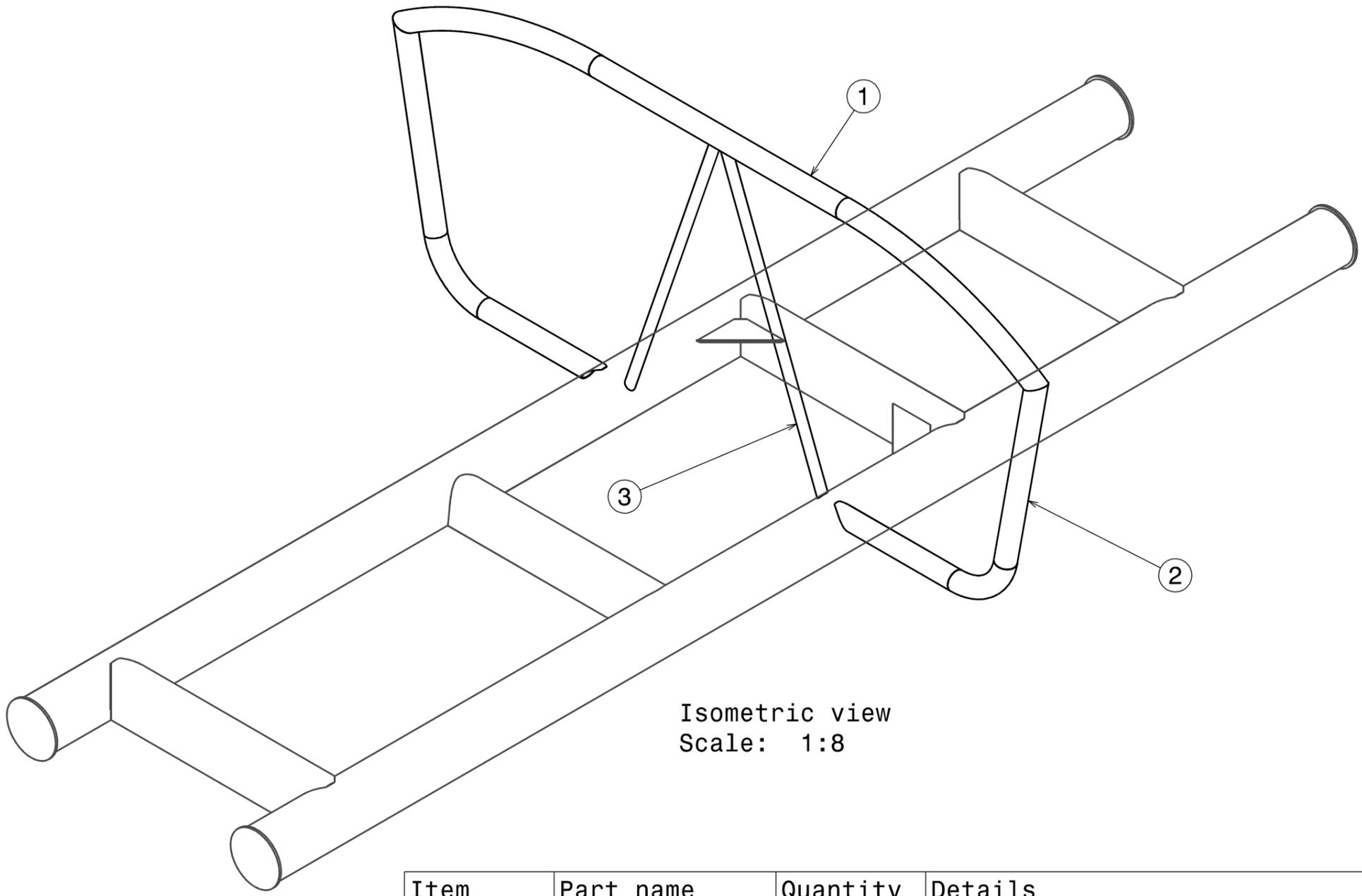


Bending

Difficulty level : 2/3

DESIGNED BY: Lionel		Model	American 60s Roadster	I	-
DATE: 26/02/2025		Source	www.incorrigible.eu	H	-
CHECKED BY: Lionel		Assembly	Firewall tube	G	-
DATE: 26/02/2025		File	Complete	F	-
SIZE A3		Drawing	Introduction	E	-
SCALE 1:1	WEIGHT (kg)	Revision	4	D	-
		Page	1 on 7	C	-
				B	-
				A	-

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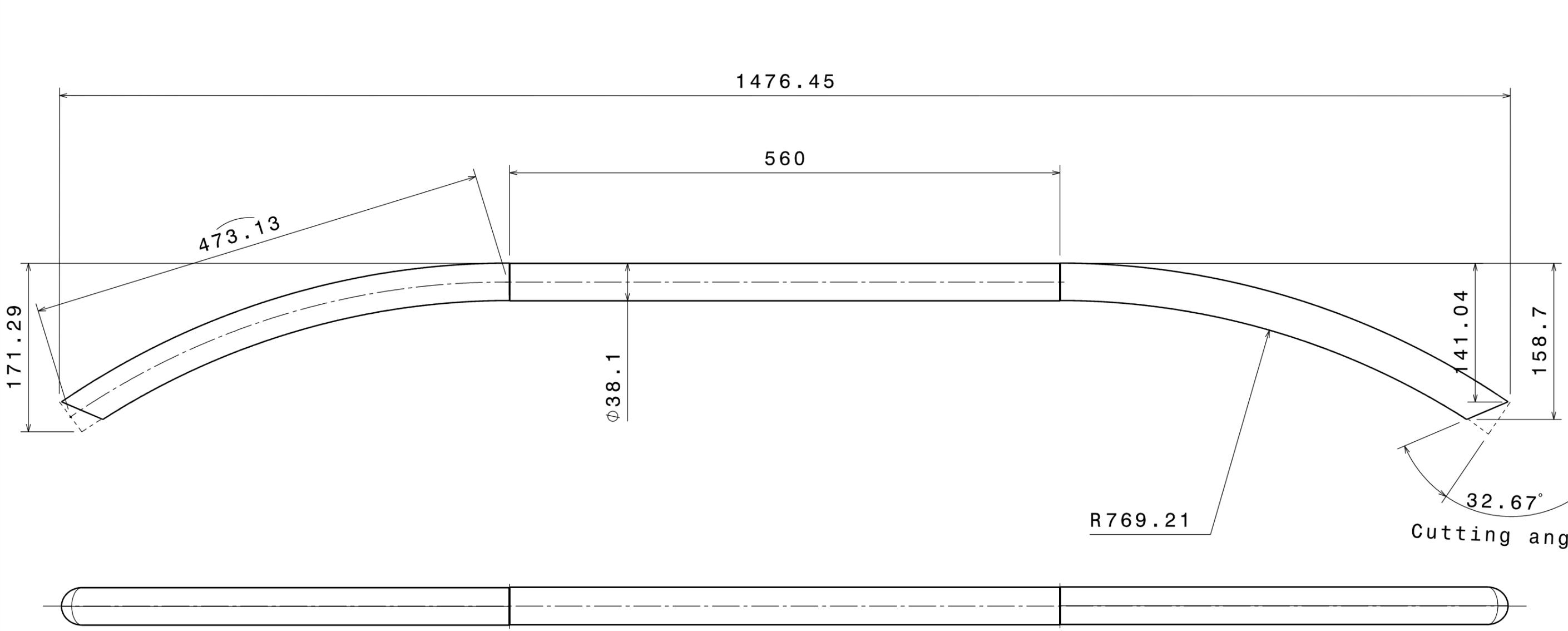


Isometric view
Scale: 1:8

Item	Part name	Quantity	Details
1	Top tube	1	1 1/2" x 1/16" steel tube (38.1mm x 1.77mm) - SAE 1008
2	Side tube	2	1 1/2" x 1/16" steel tube (38.1mm x 1.77mm) - SAE 1008
3	Brace	2	3/4" x 1/16" steel tube (19mm x 1.77mm) - SAE 1008

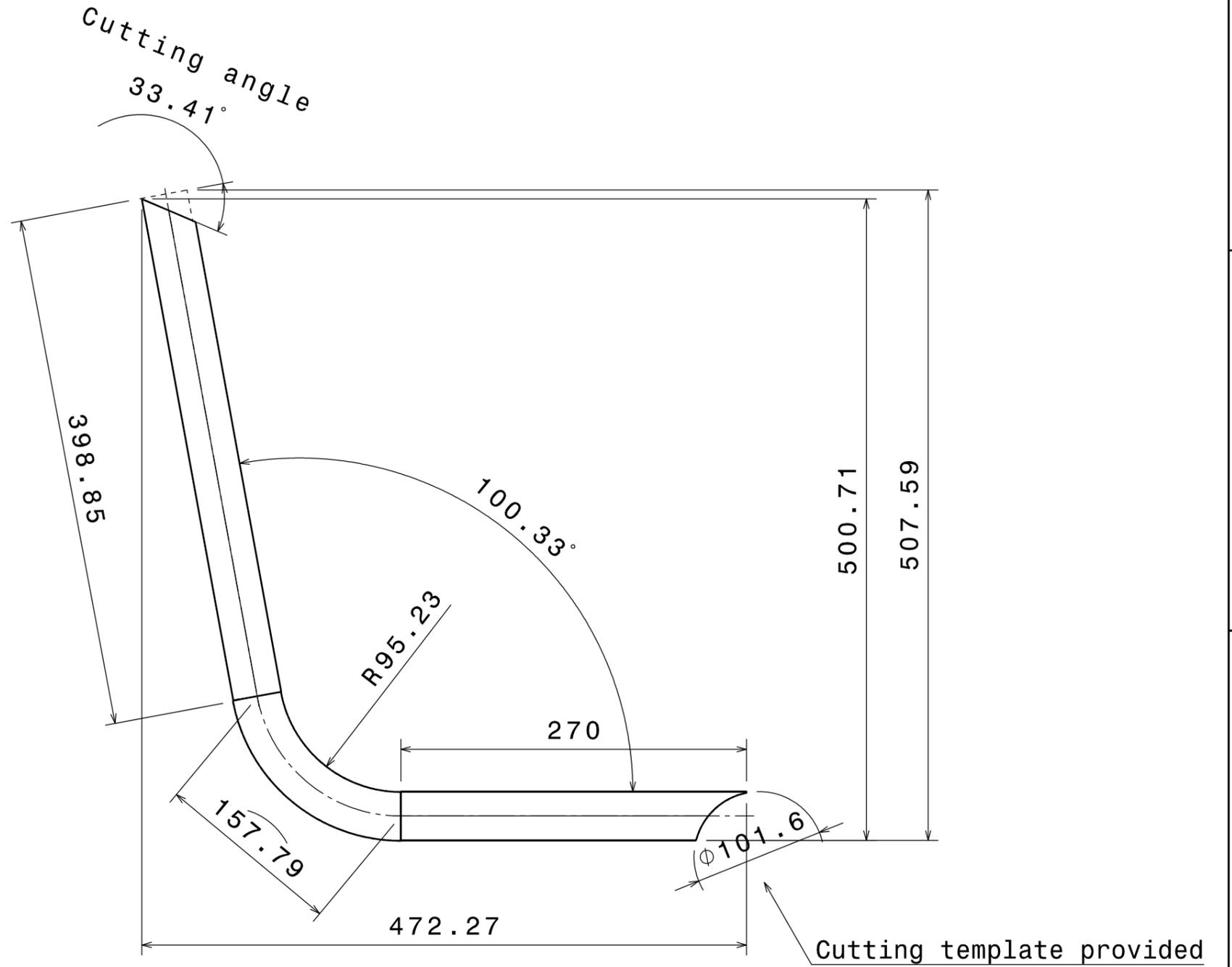
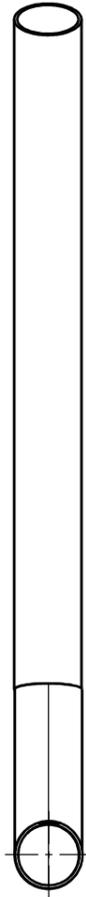
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DATE: 26/02/2025		File	Complete	F	-
SIZE A3		Drawing	Material details	E	-
SCALE 1:1		Revision	4	D	-
WEIGHT (kg) 5,81		Page	2 on 7	C	-
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				A	-

Top tube
 Length of unbent tube : 1506mm
 Quantity : 1



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SIZE A3		Drawing	E	-
SCALE 1:1		Revision	D	-
	WEIGHT (kg)	Page	C	-
		3 on 7	B	-
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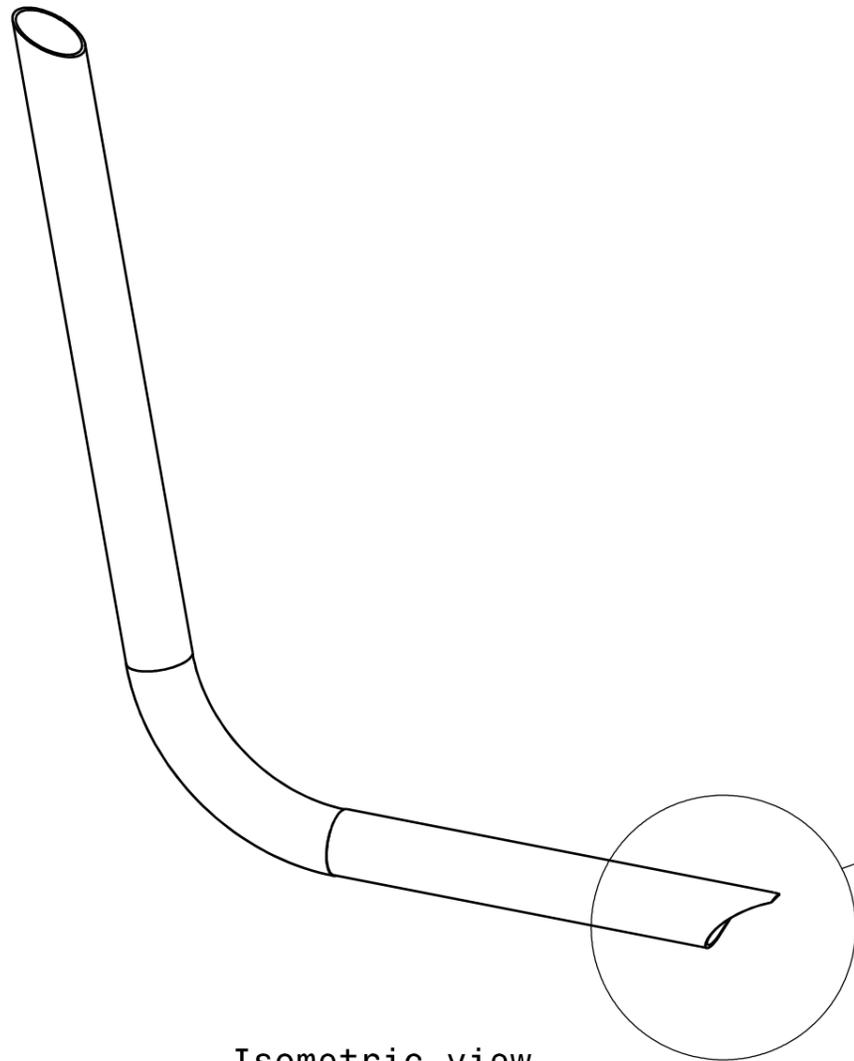
Side tube
 Length of unbent tube : 826.74mm
 Quantity : 2



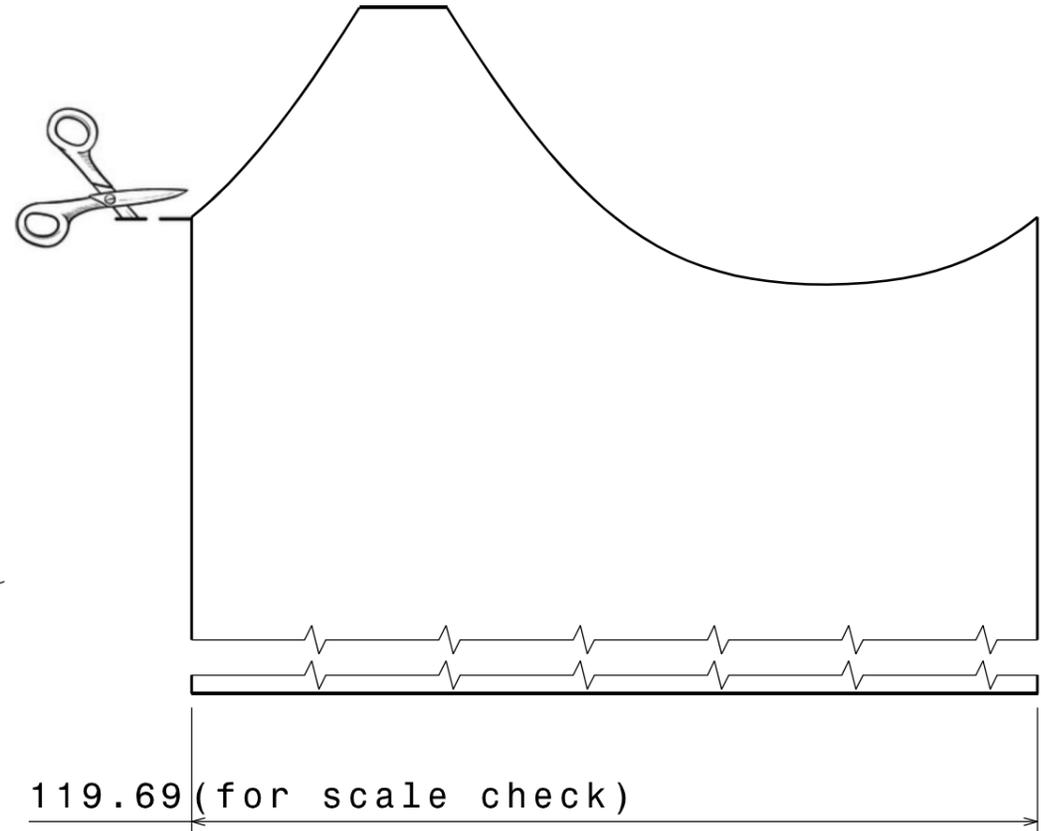
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CHECKED BY: Lionel	Assembly	Firewall tube	G	-
DATE: 26/02/2025	File	Complete	F	-
SIZE A3		Drawing	E	-
SCALE 1:1		Revision	D	-
	WEIGHT (kg)	Page	C	-
		4 on 7	B	-
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H G F E D C B A

Side tube cutting template
 Cutting template
 Print in 1:1, wrap around tube to mark cut



Isometric view
 Scale: 1:4



Front view
 Scale: 1:1

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DATE: 26/02/2025		File	Complete	F	-
SIZE A3		Drawing	Side tube cutting template	E	-
SCALE 1:1	WEIGHT (kg)	Revision	4	D	-
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				A	-

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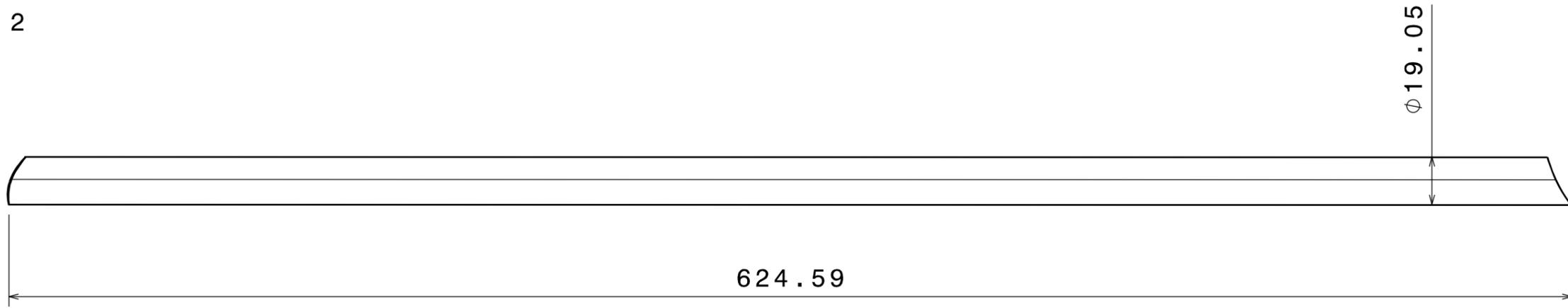
H G B A

4
3
2
1

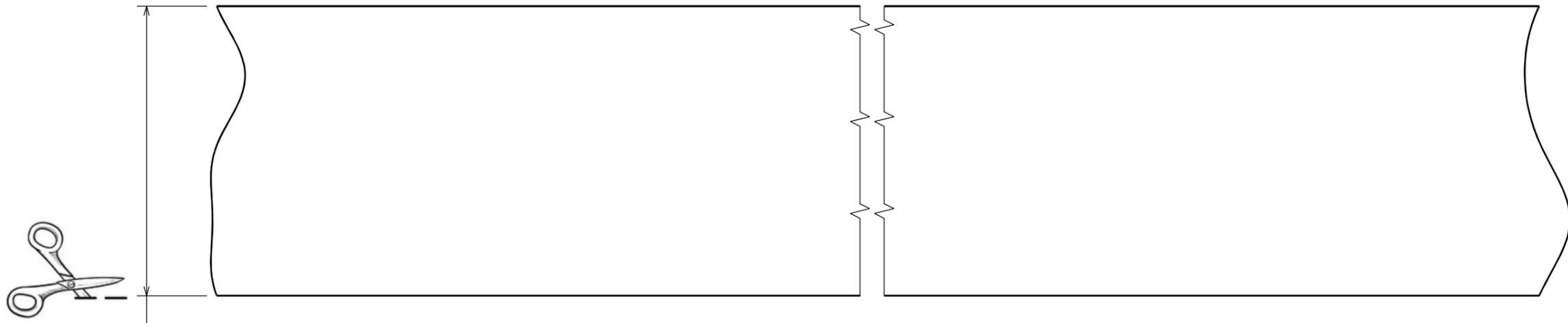
4
3
2
1

H G F E D C B A

Brace tube
Quantity : 2



Cutting template
Print in 1:1, wrap around tube to mark cut



Front view[6]
Scale: 1:1

59.85
(for scale check)

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SIZE A3	Drawing	Brace tube	E	-
SCALE 1:1	Revision	4	D	-
WEIGHT (kg)	Page	6 on 7	C	-
			B	-
			A	-

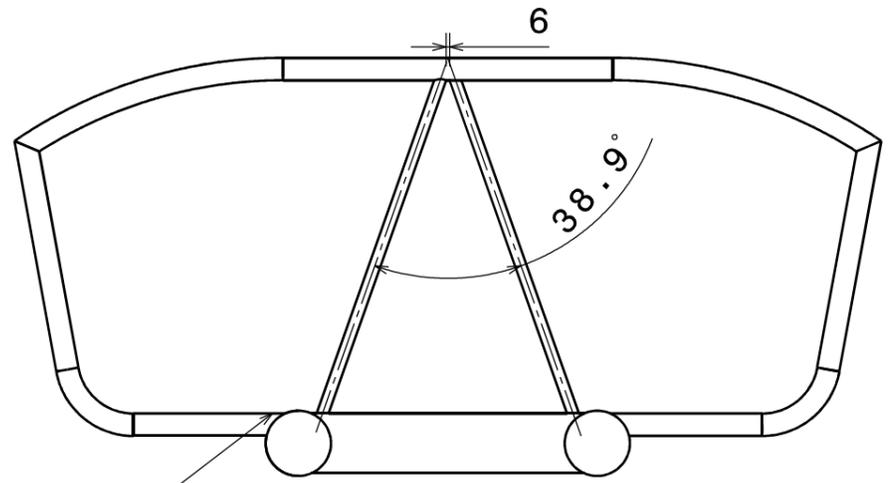
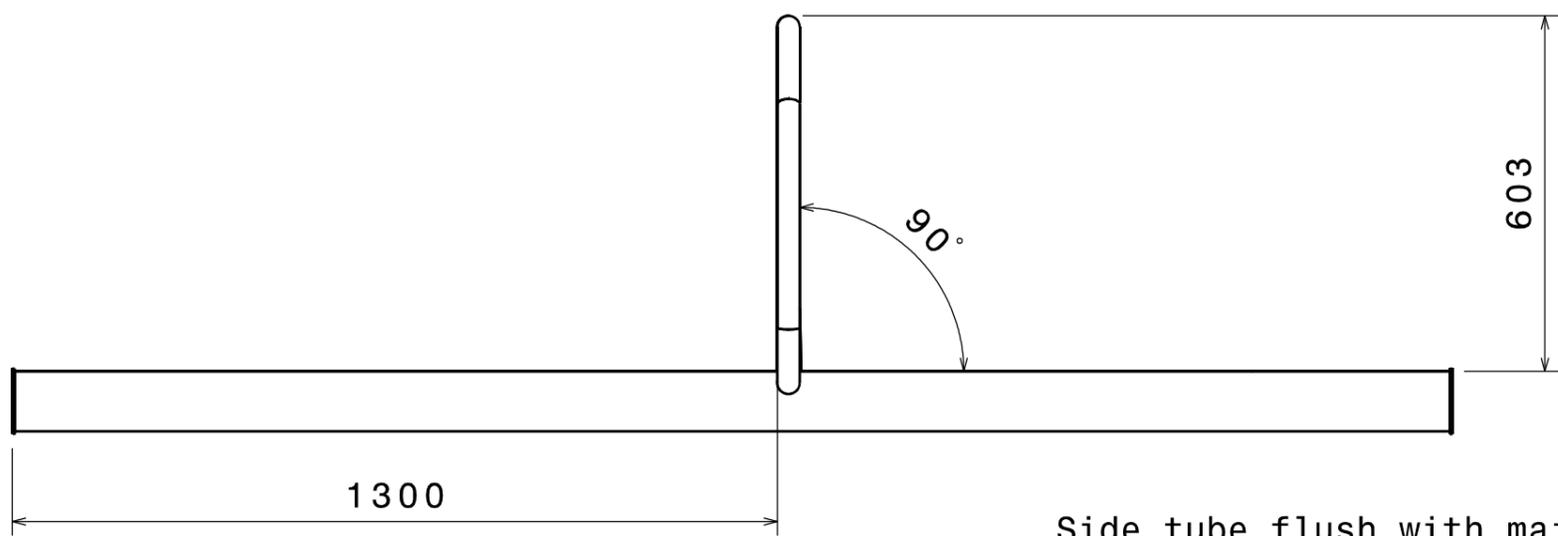
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H G B A

H G F E D C B A

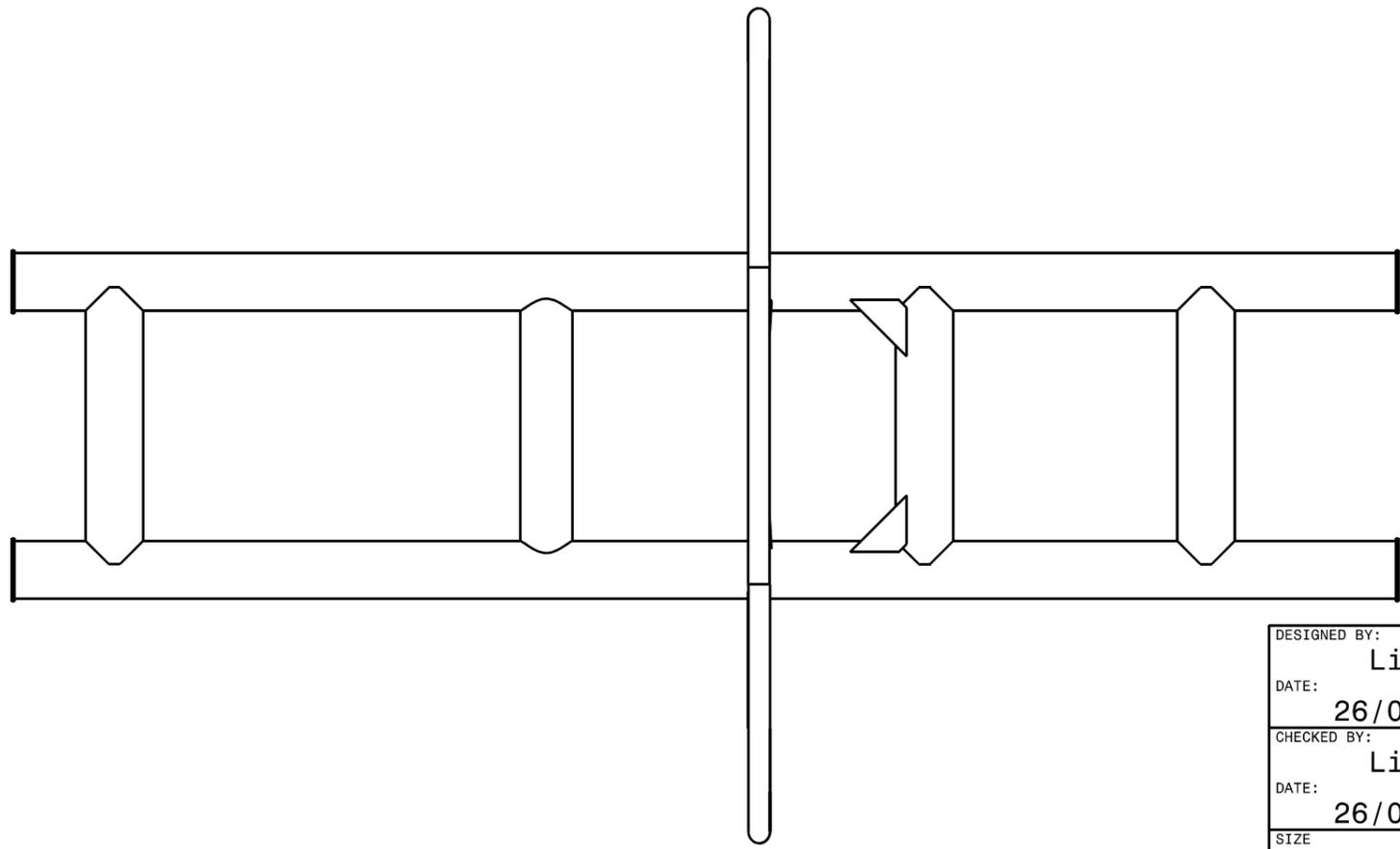
4

4



3

3



2

2

1

1

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H G B A