

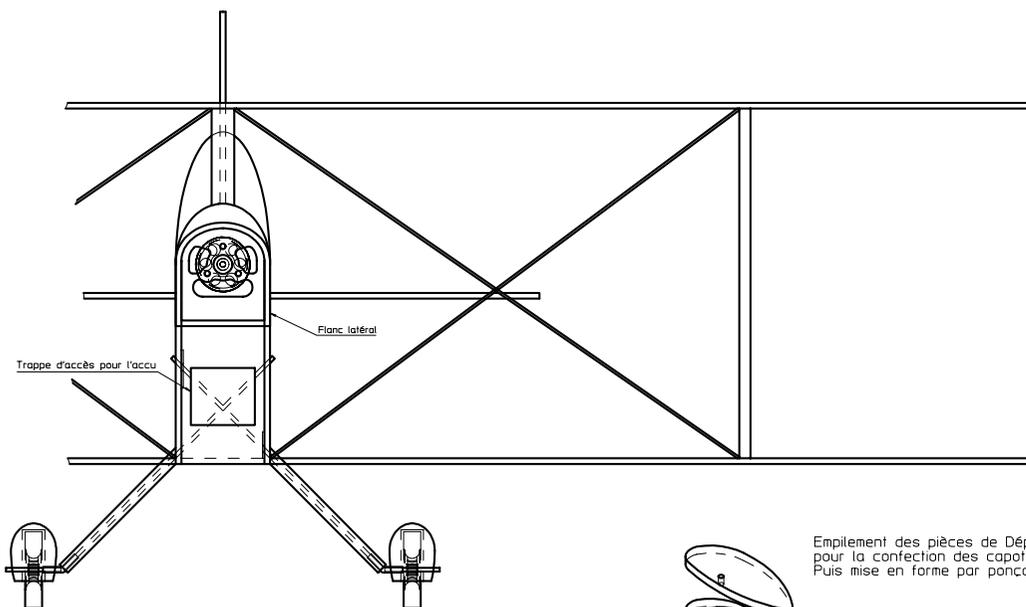
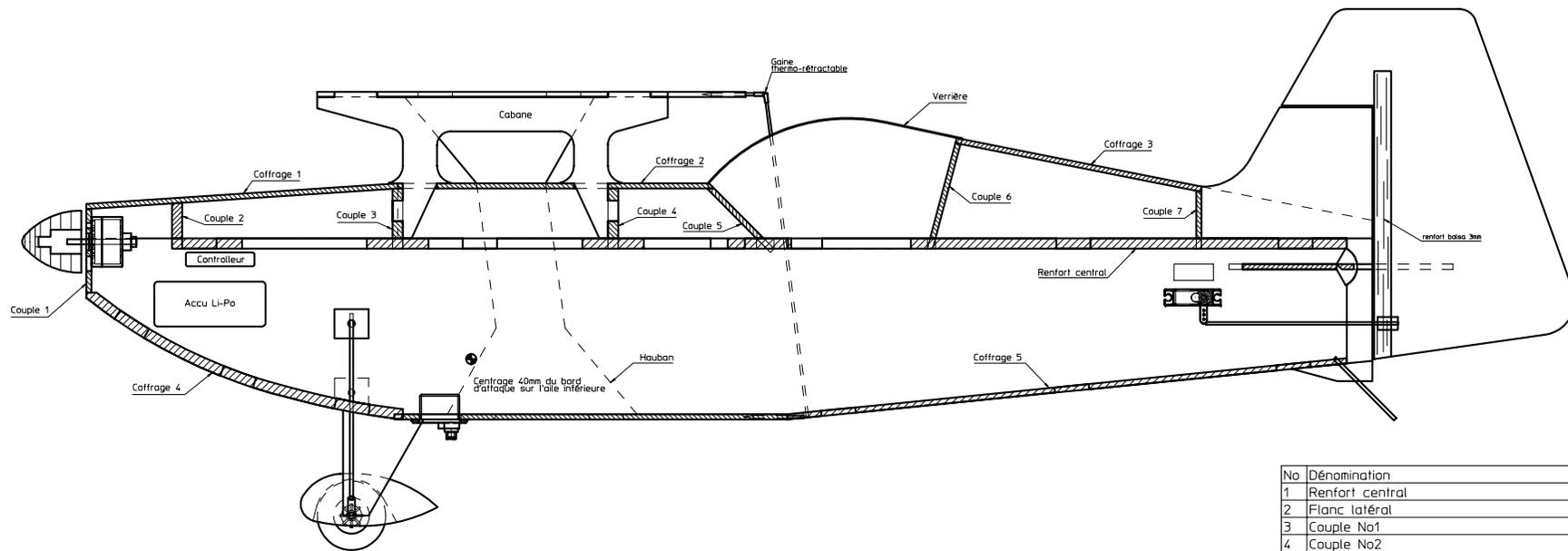


Concepteur, constructeur	: Stève Gelin
Envergure	: 840mm
Longueur	: 900mm
Poids	: 290gr
Surface alaire	: environ 34dm ²
Charge alaire	: 8,5gr/dm ²
Moteur	: Typhoon 3D
Hélice	: APC 9x3,8
Variateur	: Pour les premiers essais du modèle Tsunami 10 (un variateur 12A en continu est nécessaire)
Accu de propulsion / réception	: Li-Po 3S1P 700mAh

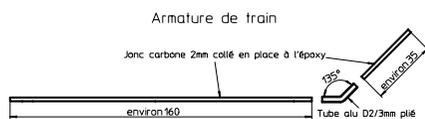
L'utilisation de ce plan dans un cadre sortant de la sphère privée est soumise à l'autorisation de son auteur.

Pour plus d'informations : www.amjd.ch

10 janvier 2005 - Version 01



Empilement des pièces de Dépron 6mm pour la confection des capots de roue. Puis mise en forme par ponçage.

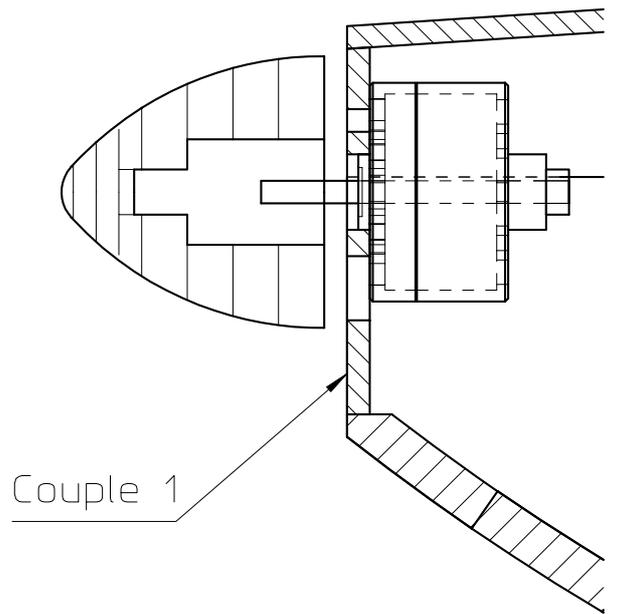


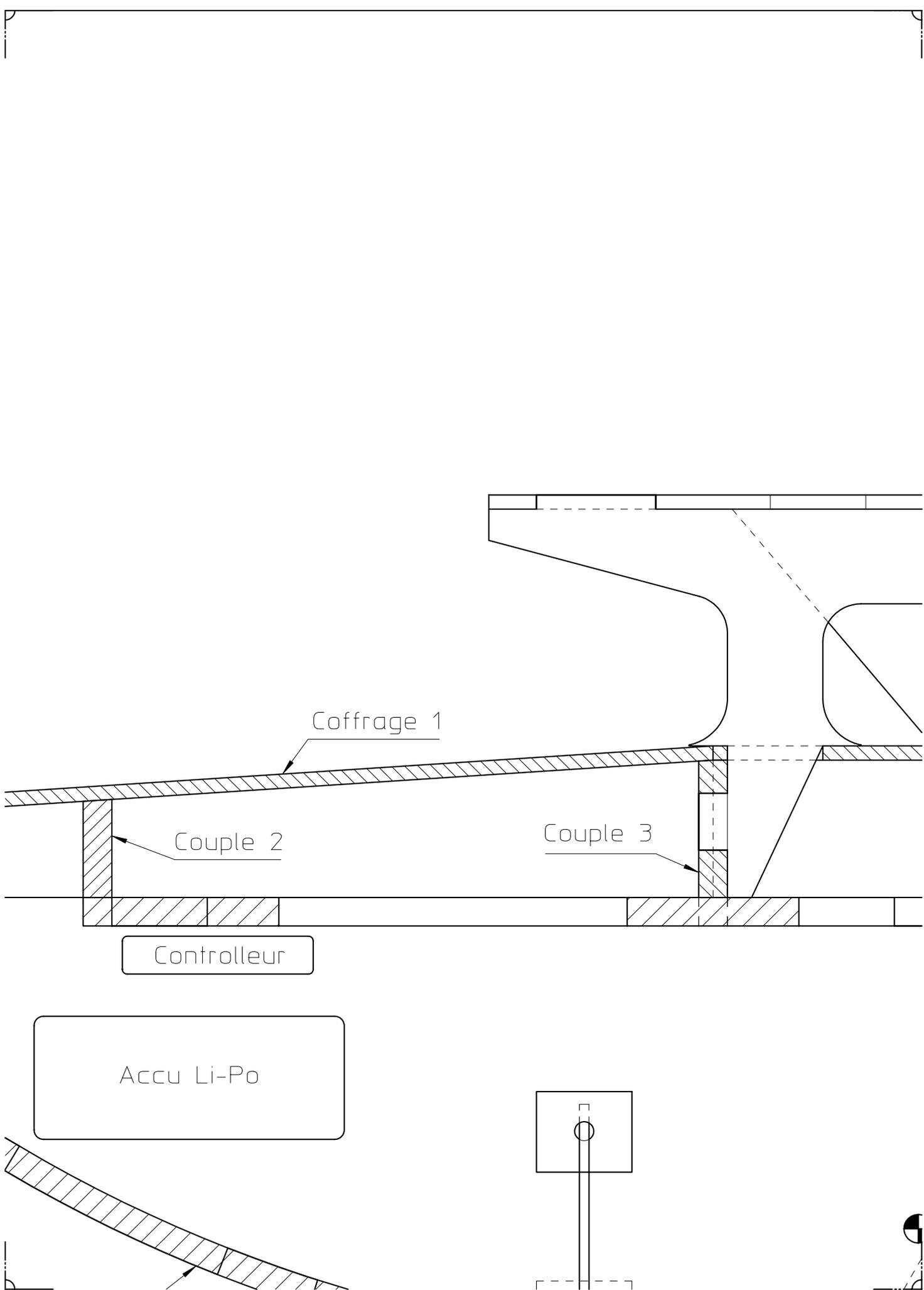
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1	Renfort central	Dépron 6mm	1x
2	Flanc latéral	Dépron 3mm	2x
3	Couple No1	CTP 3mm	1x
4	Couple No2	Dépron 6mm	1x
5	Couple No3 et 4	Dépron 6mm	2x
6	Couple No5	Dépron 3mm	1x
7	Couple No6	Dépron 3mm	1x
8	Couple No7	Dépron 3mm	1x
9	Coffrage No1	Dépron 3mm roulé	1x
10	Coffrage No2	Dépron 3mm roulé	1x
11	Coffrage No3	Dépron 3mm roulé	1x
12	Coffrage No4	Dépron 6mm	1x
13	Coffrage No5	Dépron 3mm	1x
14	Cabane	Dépron 6mm	2x
15	Verrière	Rodhoïde	1x
16	Dérive partie fixe	Dépron 3mm	1x
17	Gouverne de dérive	Dépron 3mm	1x
18	Renfort de dérive	Balsa 3mm	1x
19	Béquille	Jonc carbone 1,5mm	1x
20	Stabilisateur parti fixe	Dépron 3mm	1x
21	Gouverne de stabilisateur	Dépron 3mm	1x
22	Jambe de train	Dépron 6mm	2x
23	Capot de roue	Dépron 6mm	2x
24	Armature de train d'atterrissage	Jonc carbone 2mm	2x
25	Plaque de renfort pour fixation du train	CTP 0,5mm	4x
26	Roue Ø38mm	-	2x
27	Cône d'hélice	Dépron 6mm	1x
28	Aile supérieure	Dépron 3mm	1x
29	Aileron pour aile supérieure	Dépron 3mm	2x
30	Aile inférieure	Dépron 3mm	1x
29	Aileron pour aile inférieure	Dépron 3mm	2x
30	Hauban	Dépron 6mm	2x
31	Renfort à l'intérieur des ailes	Jonc carbone 2mm	2x
32	Haubans	Jonc carbone 1,5mm	4x
33	Plaque renfort de dérive	Dépron 6mm	4x
34	-	-	-

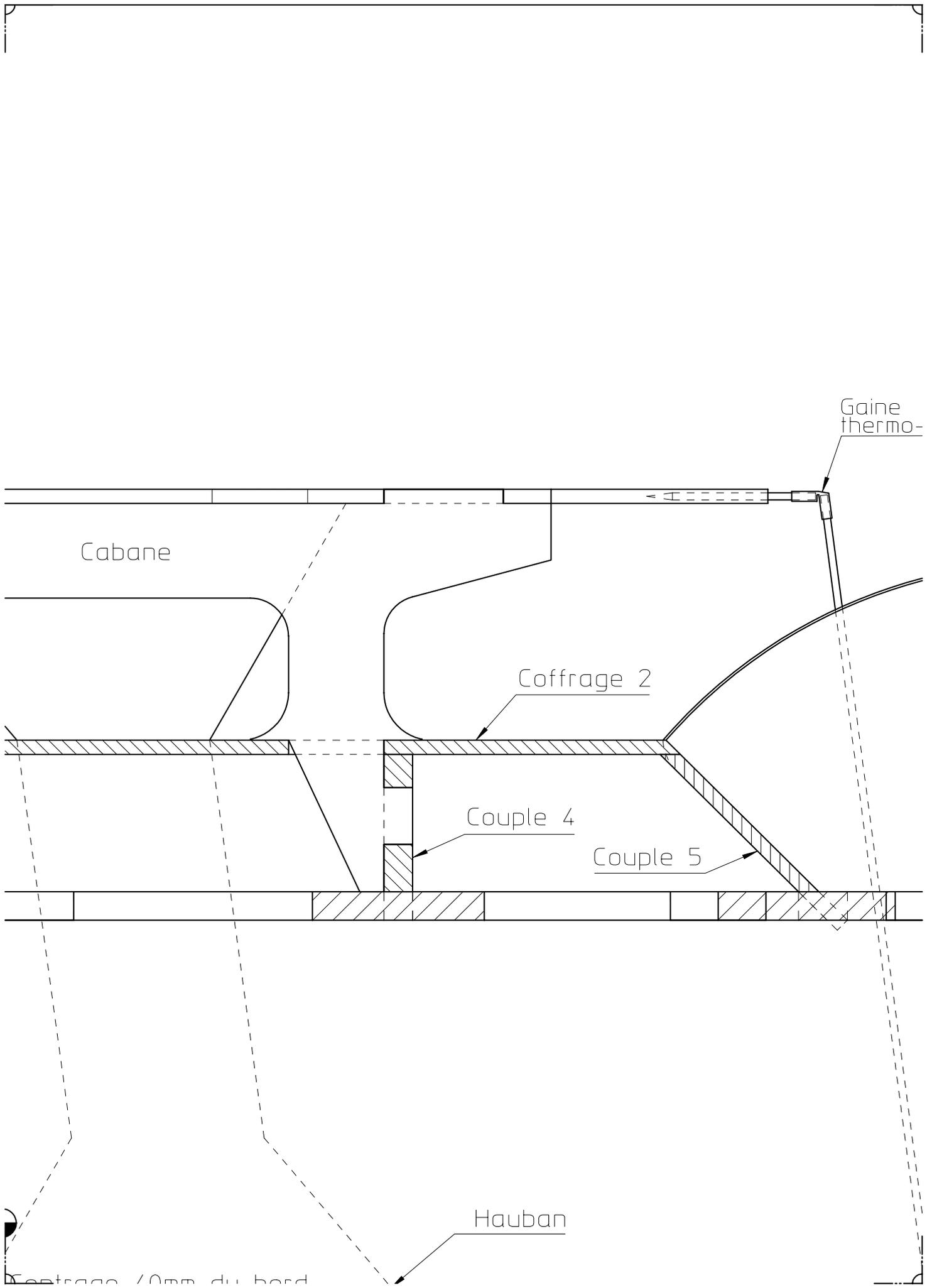
L'utilisation de ce plan dans un cadre sortant de la sphère privée est soumise à l'autorisation de son auteur.

Conception	Steve Gelin	steve.gelin@bluewin.ch	Echelle	1:1
Copyright 2004 Steve Gelin			Page	1/2
Challenger 3D				

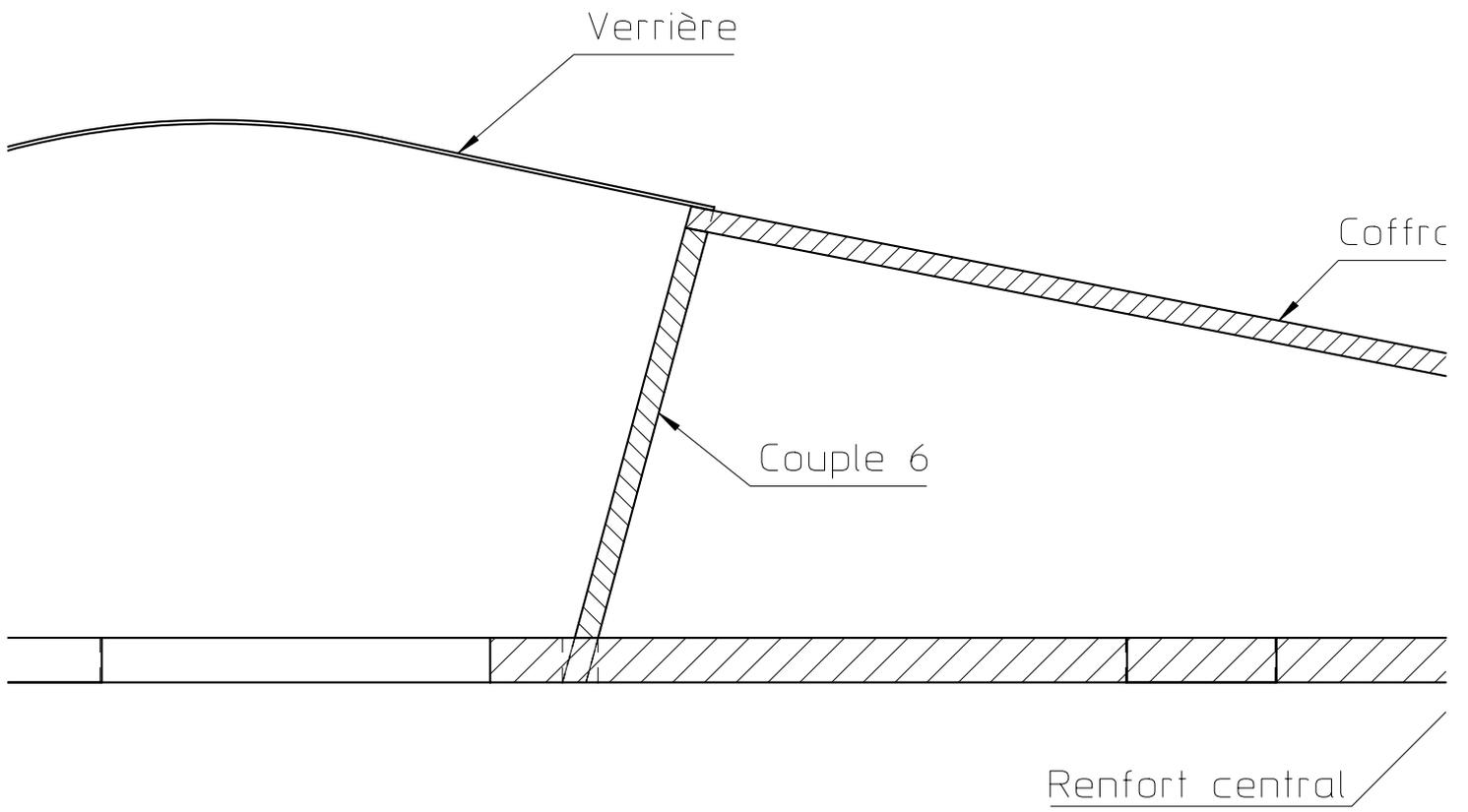






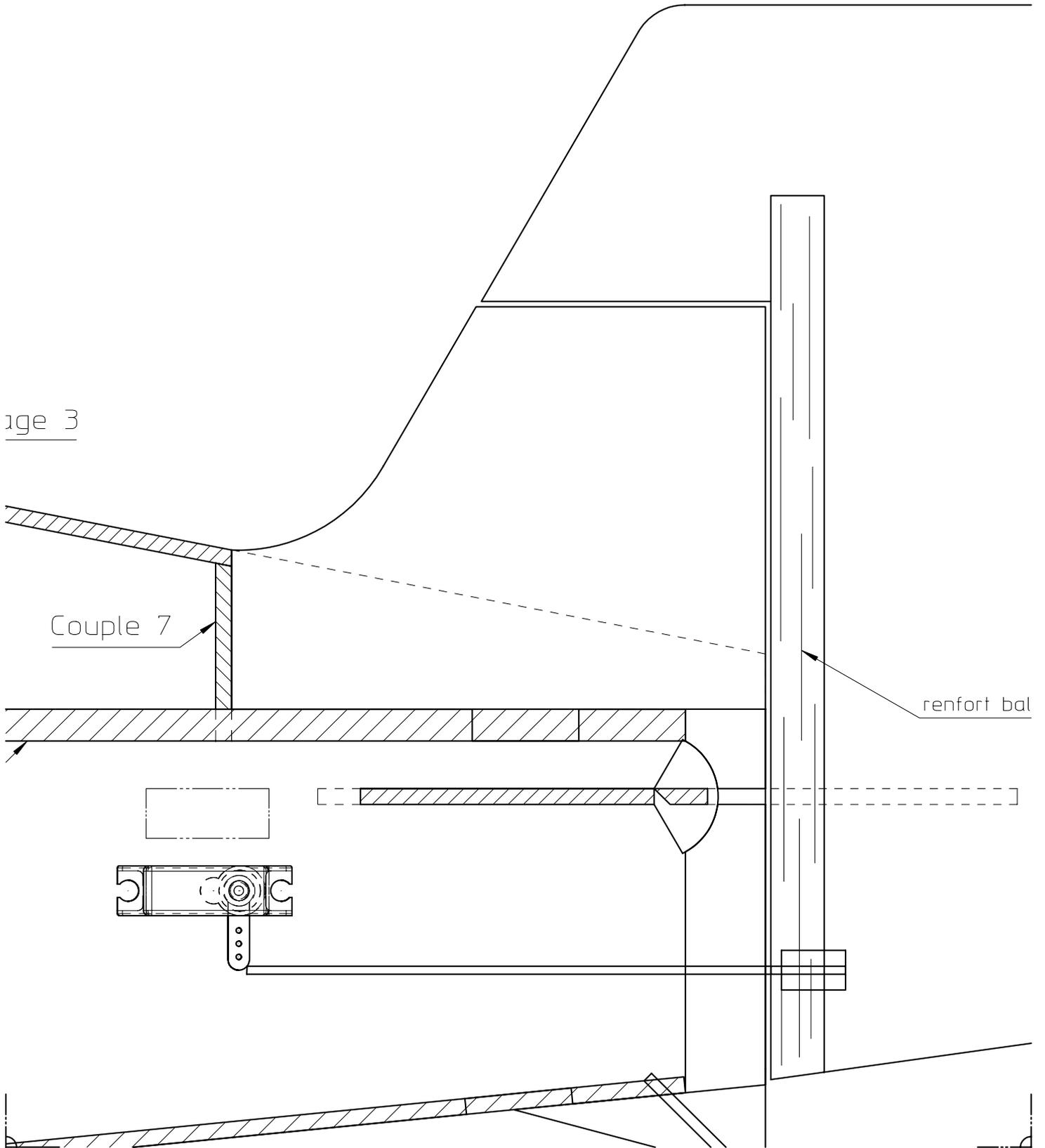


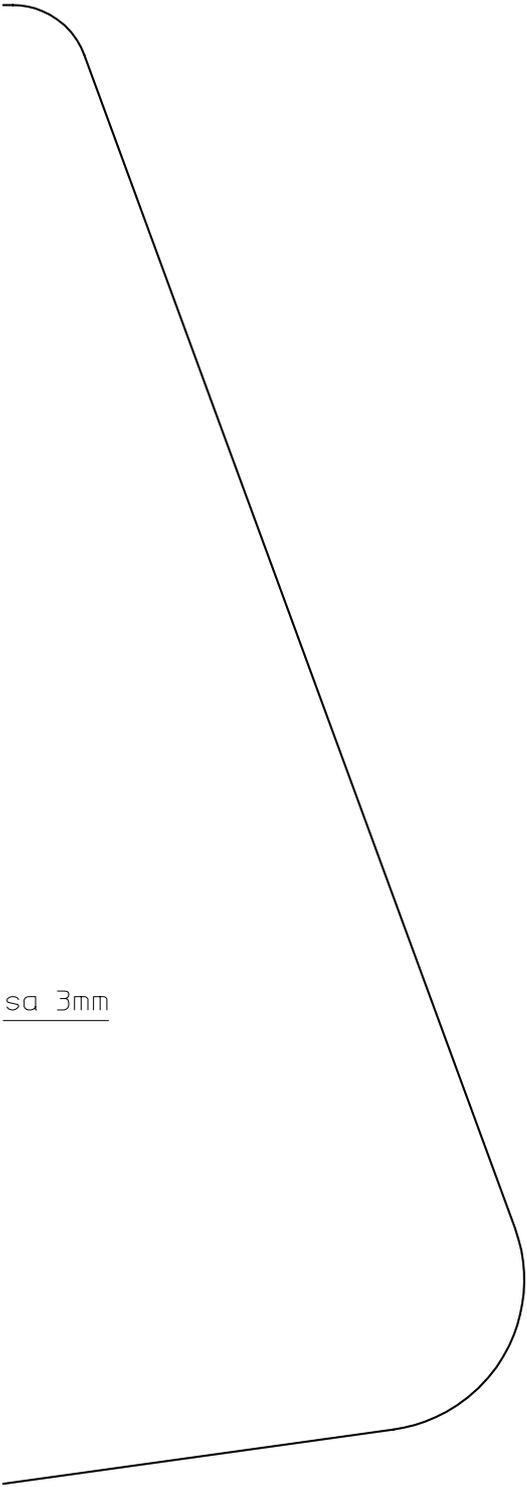
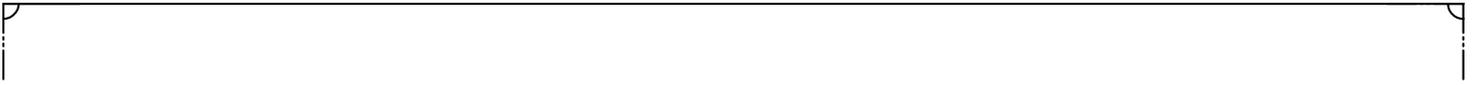
rétractable



Coffrage 5

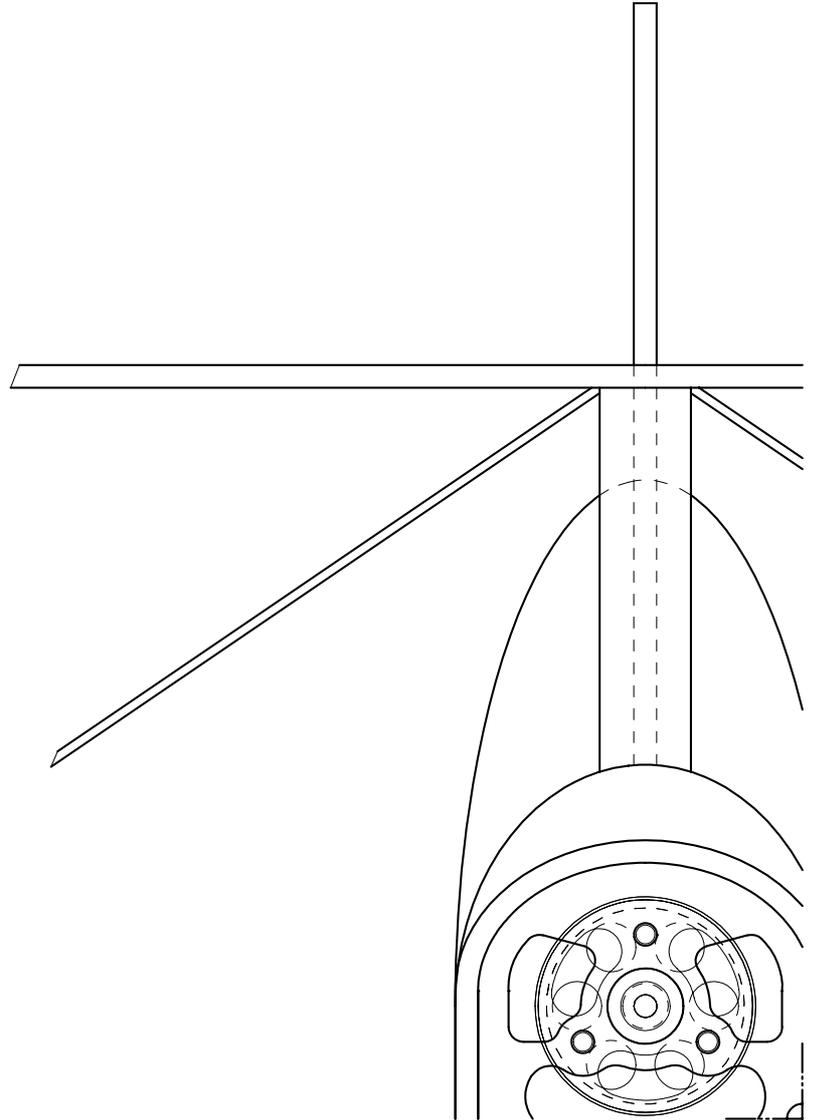
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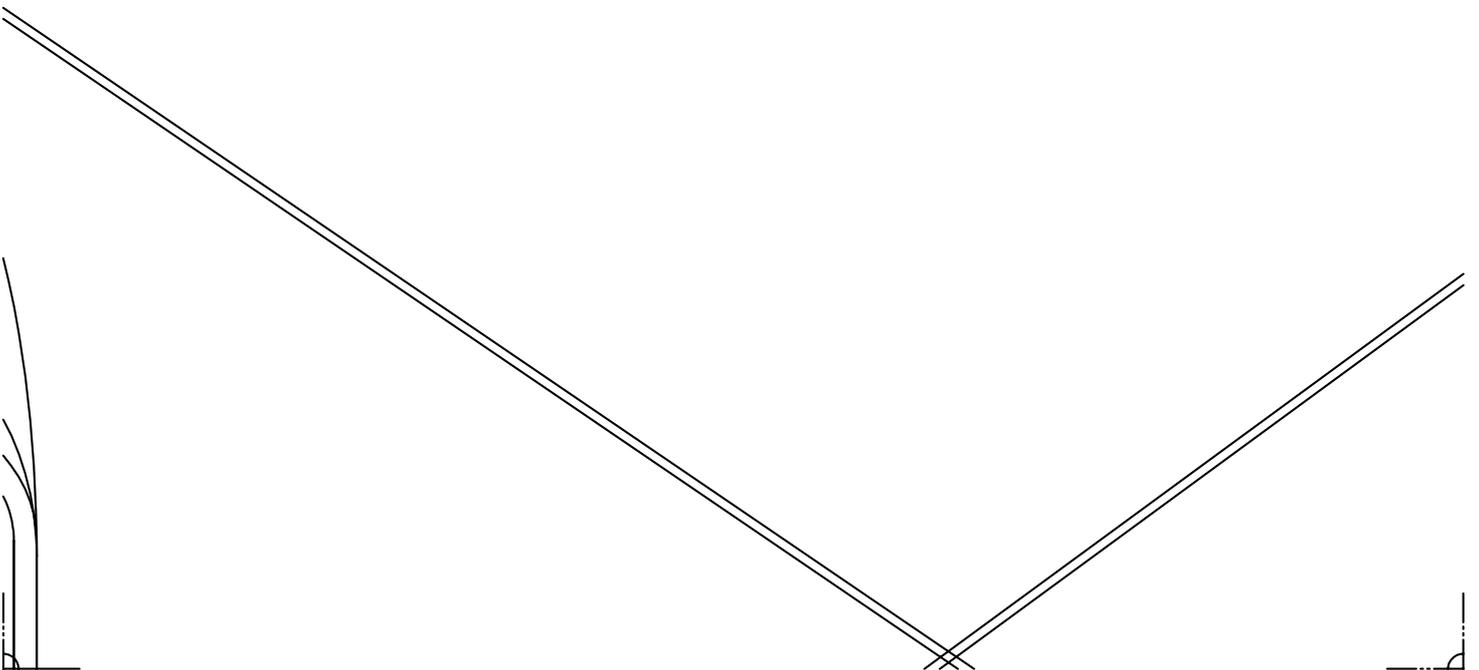
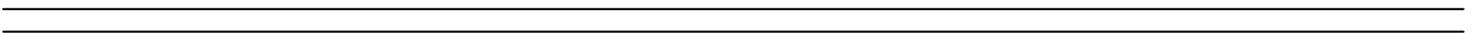
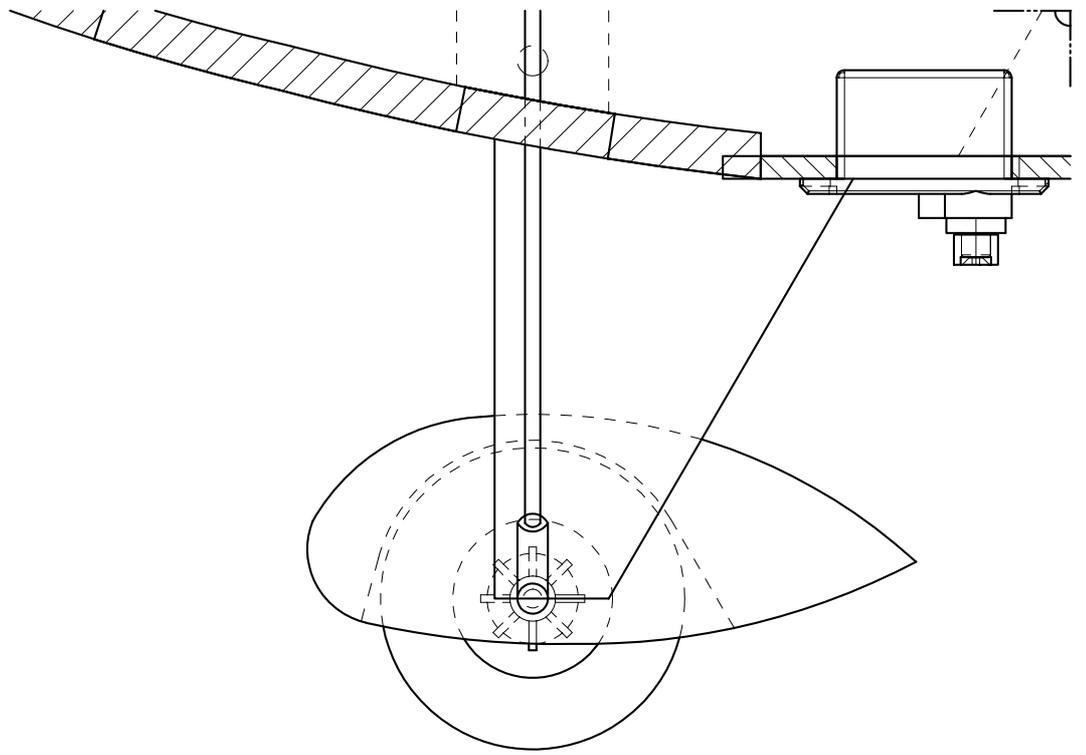


sa 3mm

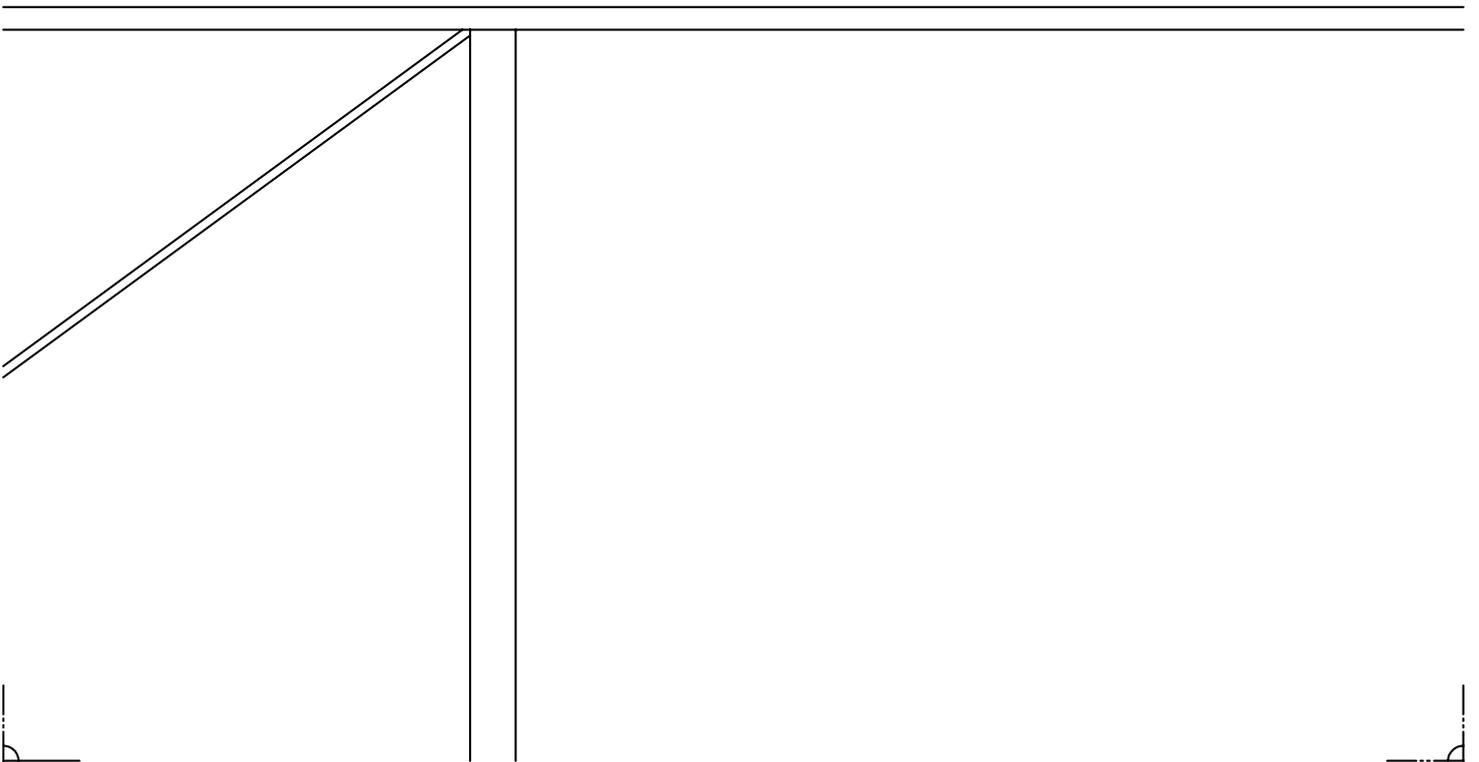


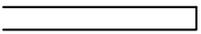
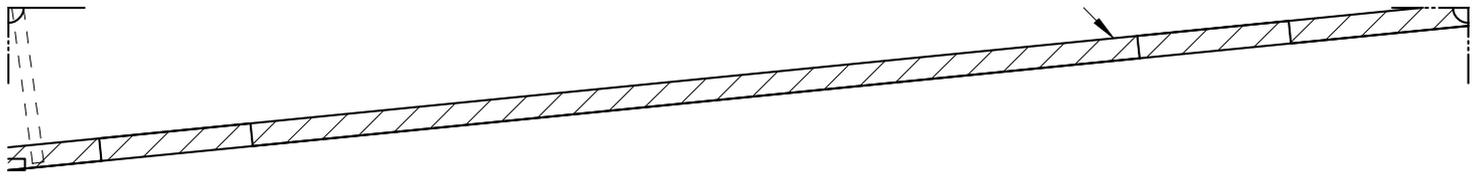


Frage 4



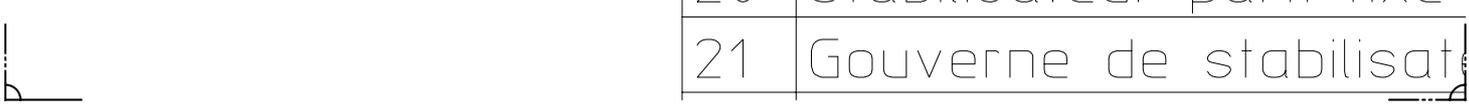
rentrée 40mm du bord
d'attaque sur l'aile inférieure





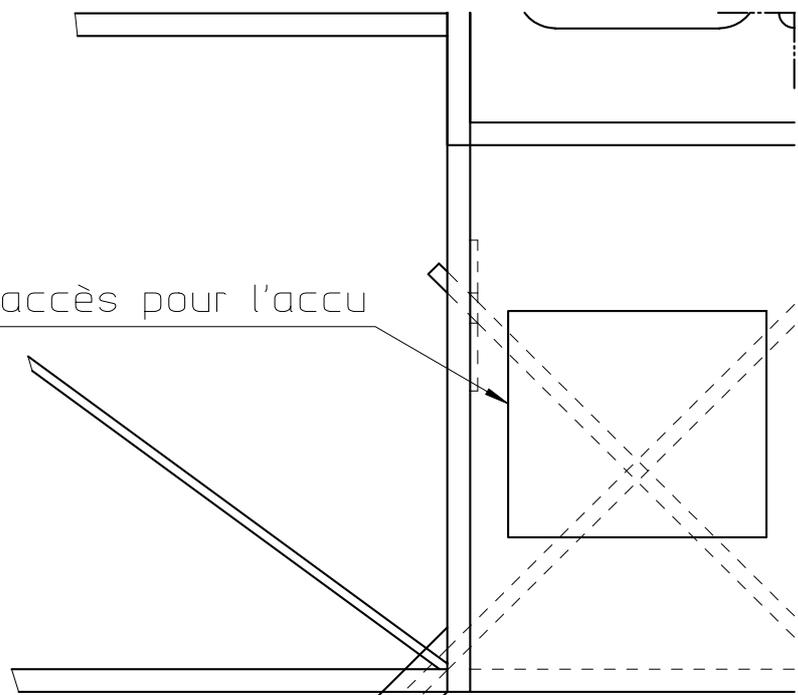
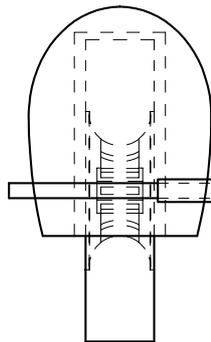


No	Dénomination
1	Renfort central
2	Flanc latéral
3	Couple No1
4	Couple No2
5	Couple No3 et 4
6	Couple No5
7	Couple No6
8	Couple No7
9	Coffrage No1
10	Coffrage No2
11	Coffrage No3
12	Coffrage No4
13	Coffrage No5
14	Cabane
15	Verrière
16	Dérive partie fixe
17	Gouverne de dérive
18	Renfort de dérive
19	Béquille
20	Stabilisateur parti fixe
21	Gouverne de stabilisat

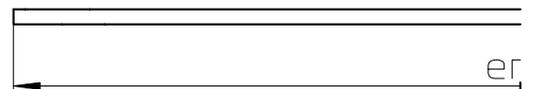


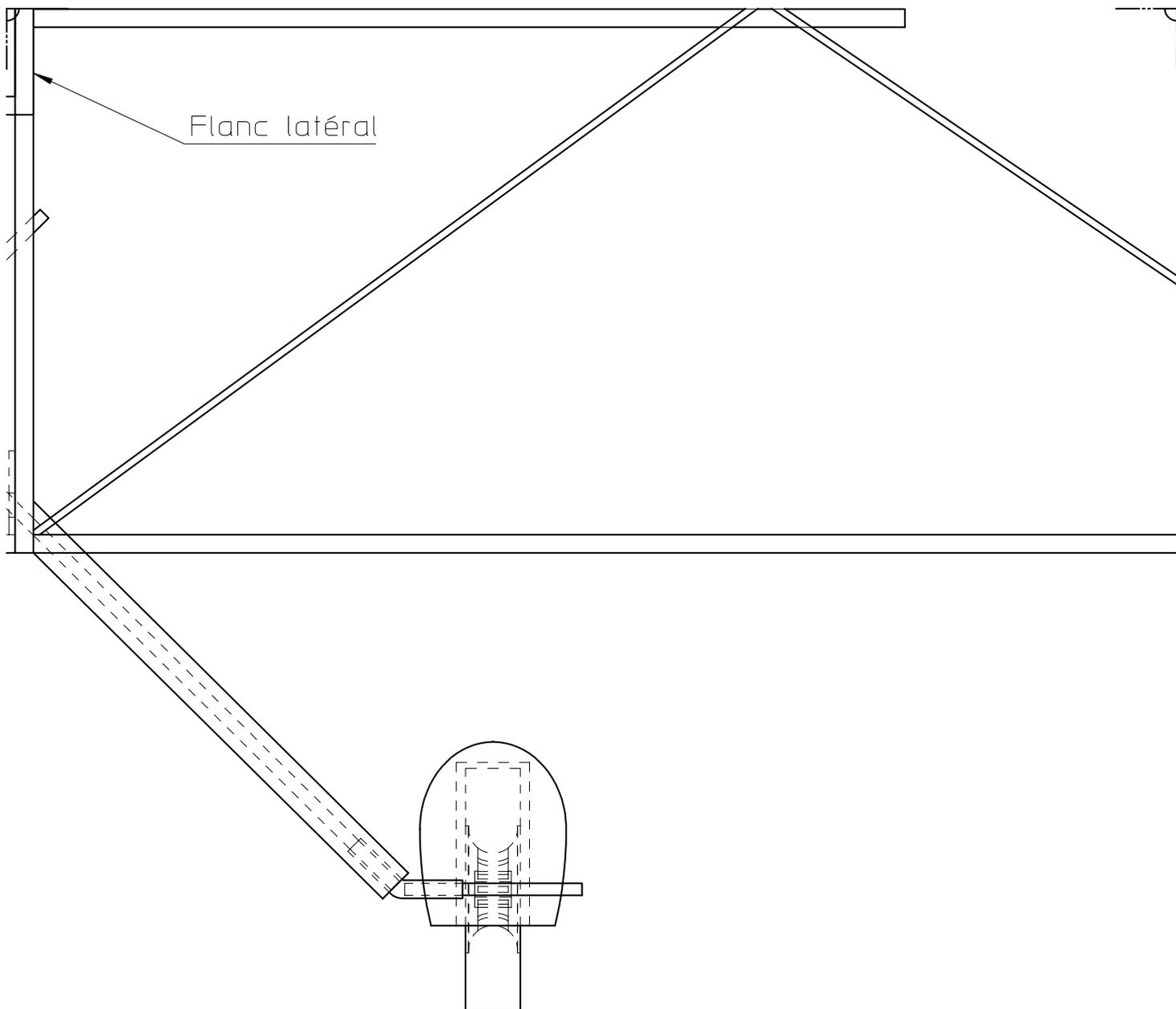
	Matière	Nbre
	Dépron 6mm	1x
	Dépron 3mm	2x
	CTP 3mm	1x
	Dépron 6mm	1x
	Dépron 6mm	2x
	Dépron 3mm	1x
	Dépron 3mm	1x
	Dépron 3mm	1x
	Dépron 3mm roulé	1x
	Dépron 3mm roulé	1x
	Dépron 3mm roulé	1x
	Dépron 6mm	1x
	Dépron 3mm	1x
	Dépron 6mm	2x
	Rodhoide	1x
	Dépron 3mm	1x
	Dépron 3mm	1x
	Balsa 3mm	1x
	Jonc carbone 1,5mm	1x
	Dépron 3mm	1x
eur	Dépron 3mm	1x

Trappe d'accès pour l'accu



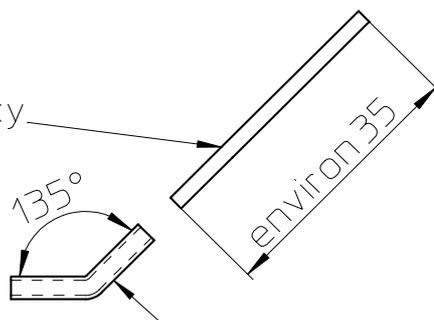
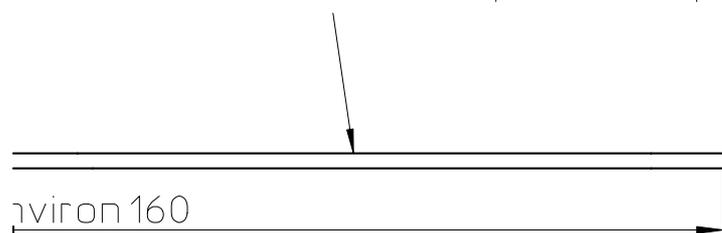
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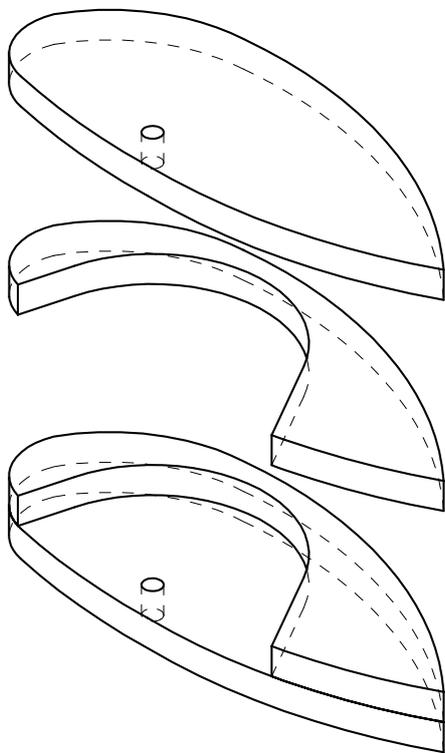
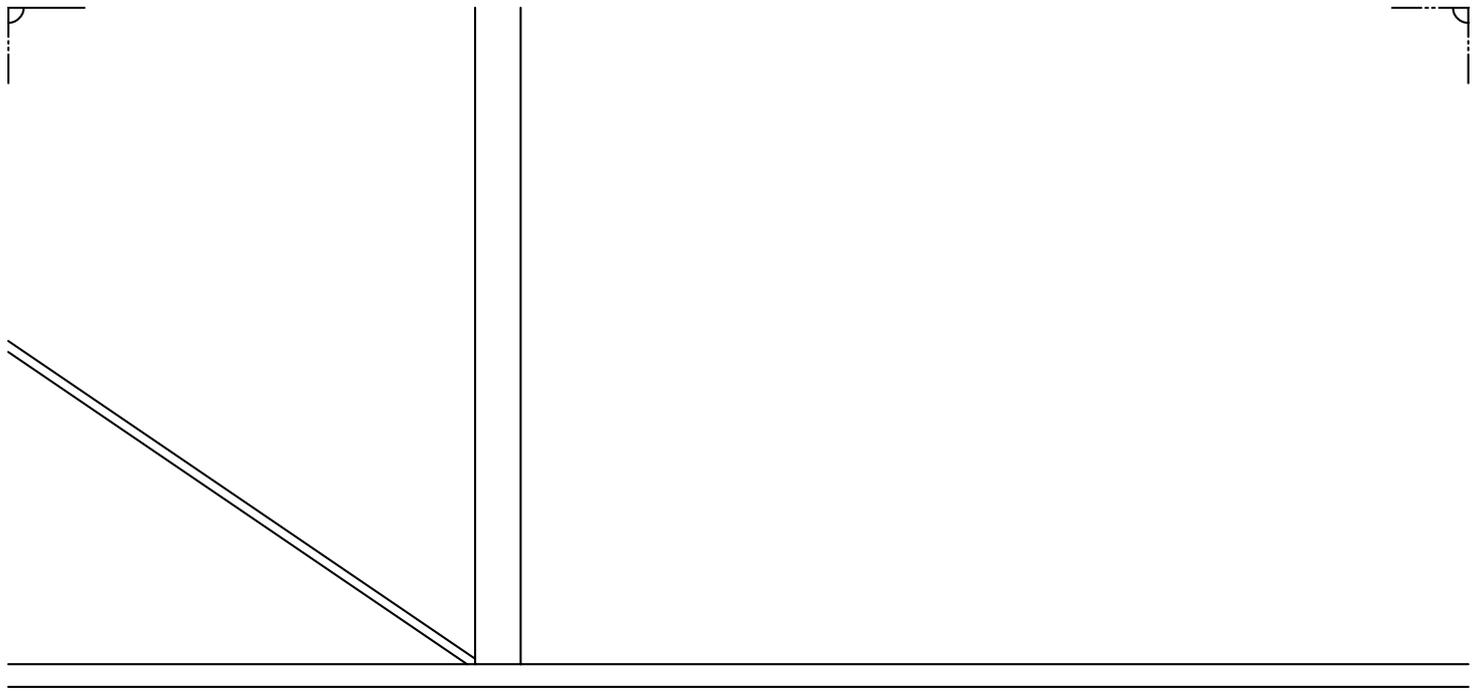


Armature de train

carbone 2mm collé en place à l'époxy



Tube alu D2/3mm plié



Empilement des pièces c
pour la confection des
Puis mise en forme par



Je Dépron 6mm
capots de roue.
ponçage.



22	Jambe de train
23	Capot de roue
24	Armature de train d'att
25	Plaque de renfort pour
26	Roue d38mm
27	Cone d'hélice
28	Aile supérieure
29	Aileron pour aile supér
30	Aile inférieure
29	Aileron pour aile inférie
30	Hauban
31	Renfort à l'intérieur de
32	Haubans
33	Plaque renfort de dériv
34	-

L'utilisation de
soumise a l'autor

Conception

Copyright 200

50mm

100mm



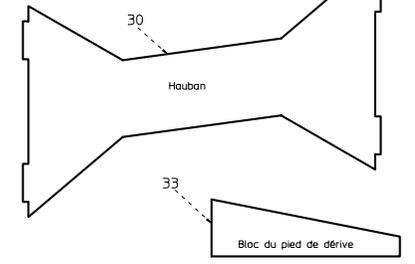
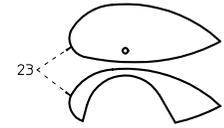
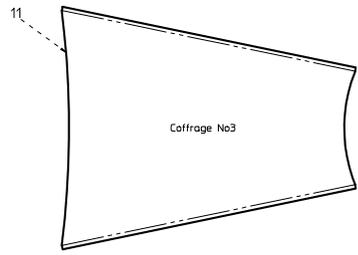
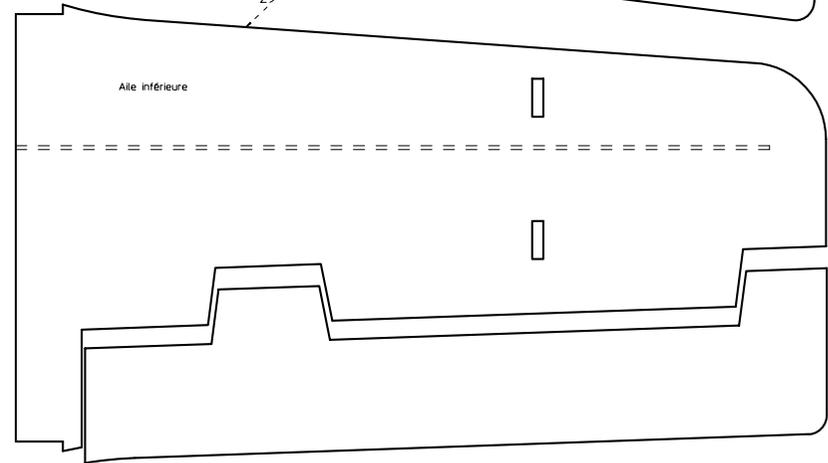
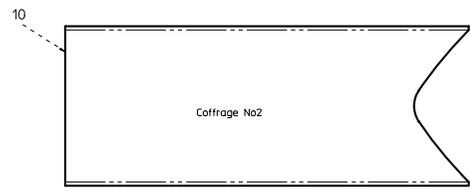
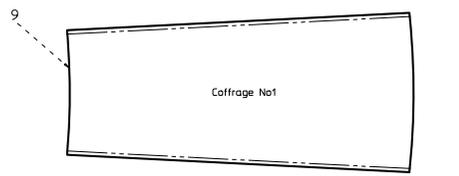
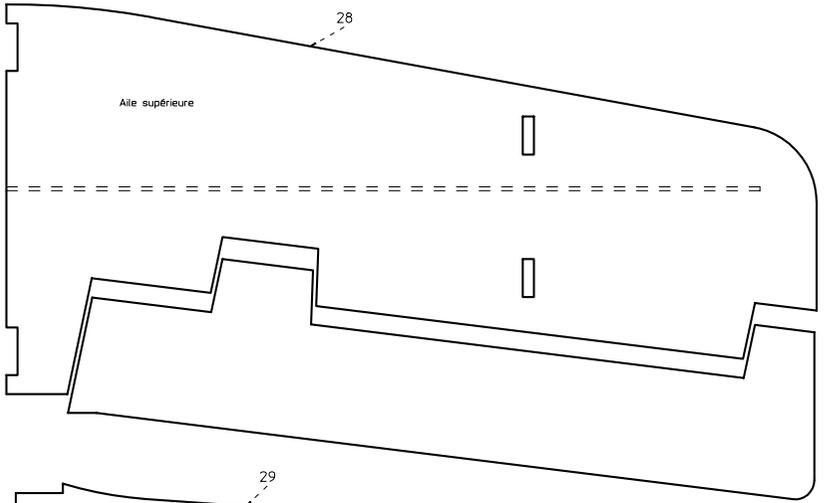
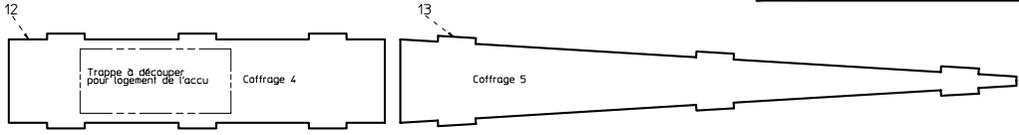
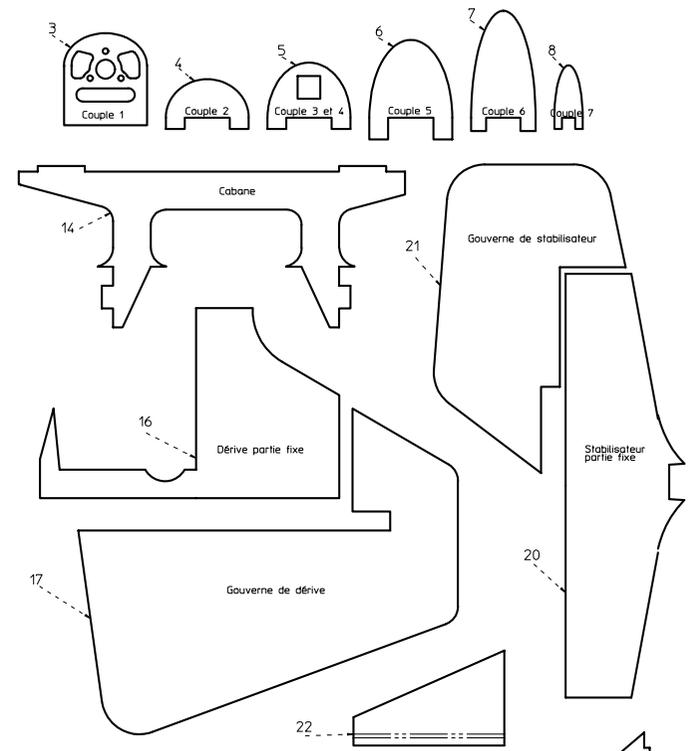
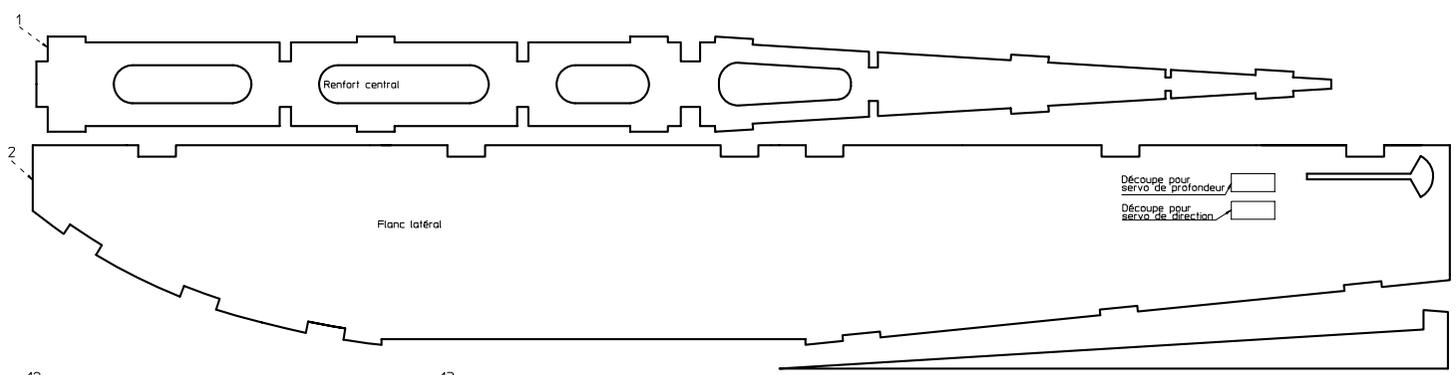
	Dépron 6mm	2x
	Dépron 6mm	2x
errissage	Jonc carbone 2mm	2x
fixation du train	CTP 0,5mm	4x
	-	2x
	Dépron 6mm	1x
	Dépron 3mm	1x
rieure	Dépron 3mm	2x
	Dépron 3mm	1x
ure	Dépron 3mm	2x
	Dépron 6mm	2x
s ailes	Jonc carbone 2mm	2x
	Jonc carbone 1,5mm	4x
ve	Dépron 6mm	4x
	-	-

ce plan dans un cadre sortant de la sphere privée est
 orisation de son auteur.

Steve Gelin	steve.gelin@bluewin.ch
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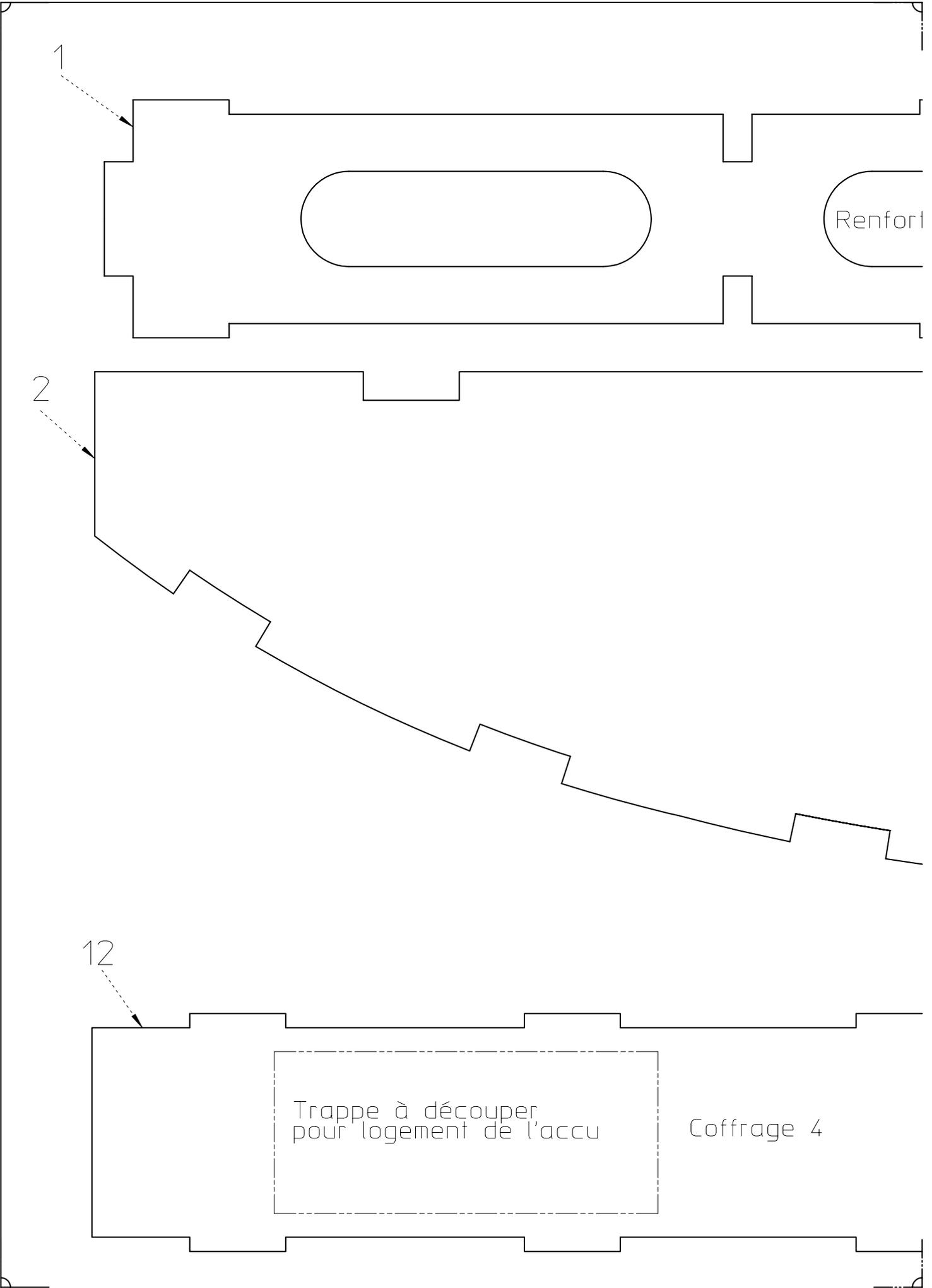
4 Steve Gelin	Echelle 1:1
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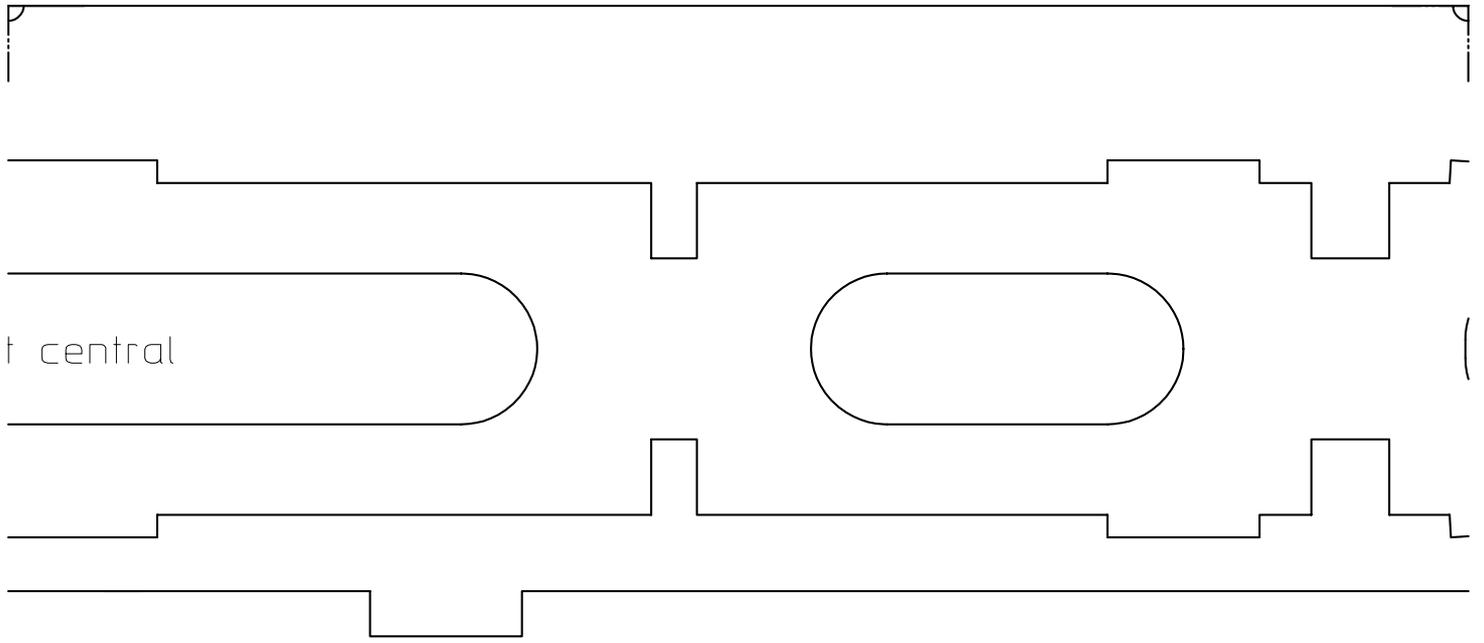
<h1>Challenger</h1> <h2>3D</h2>	Page 1/2
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L'utilisation de ce plan dans un cadre sortant de la sphère privée est soumise à l'autorisation de son auteur.

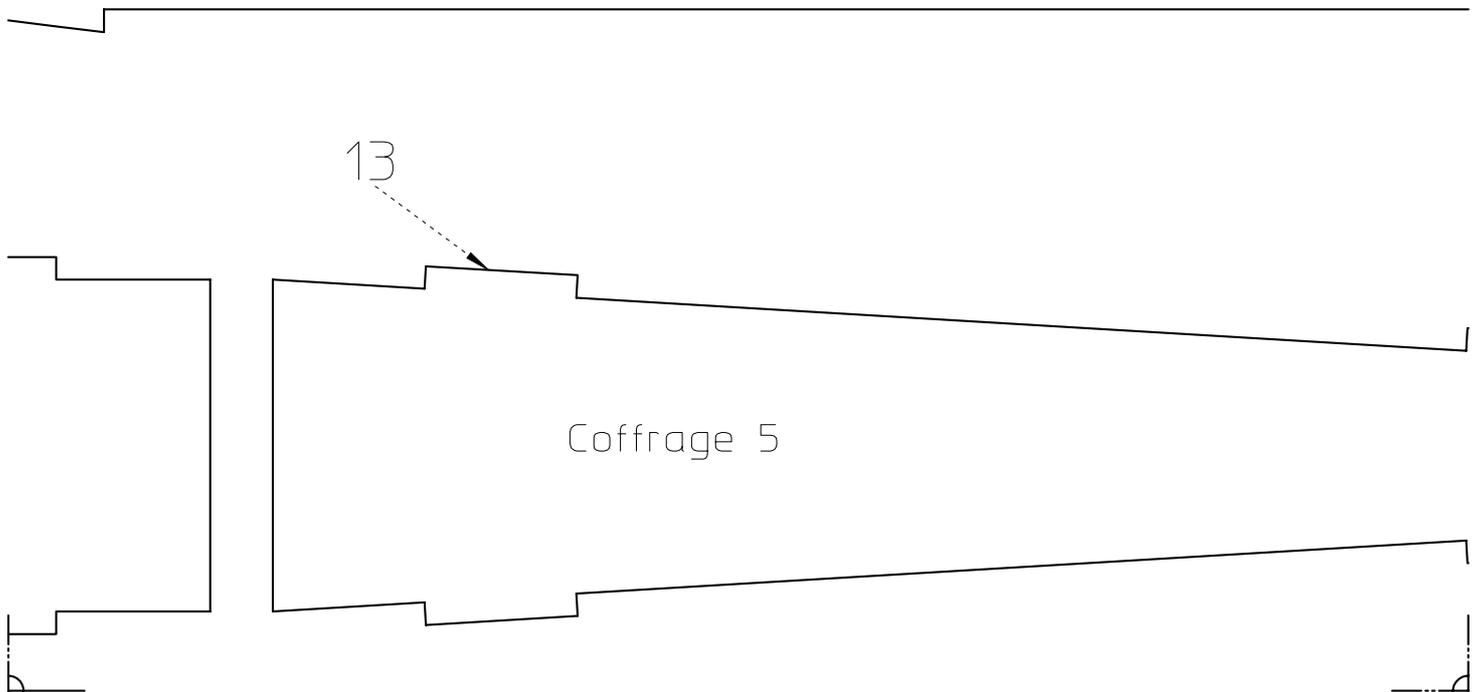
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			Page
			2/2





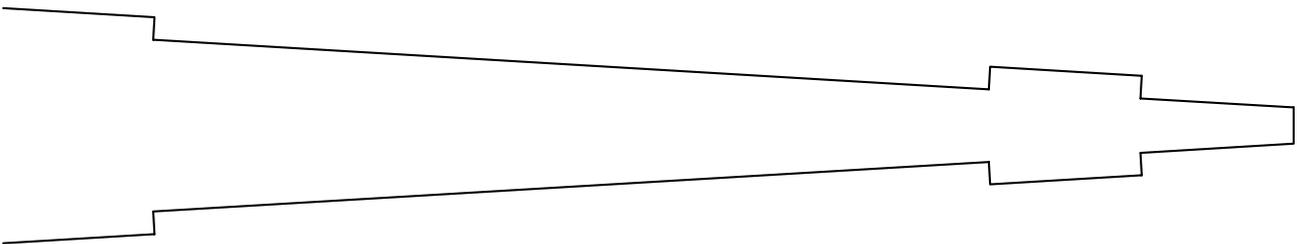
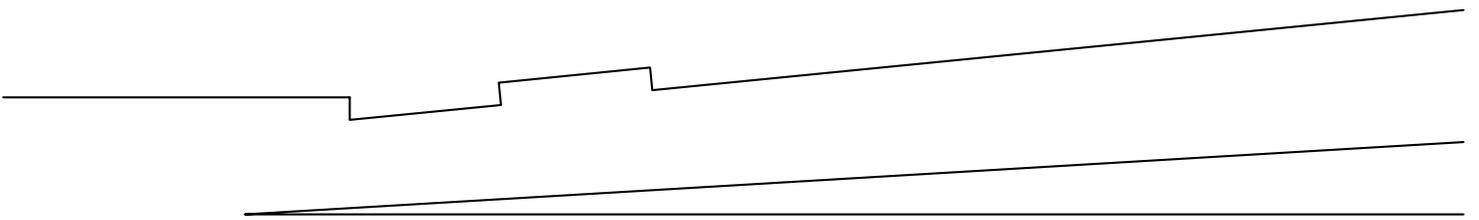
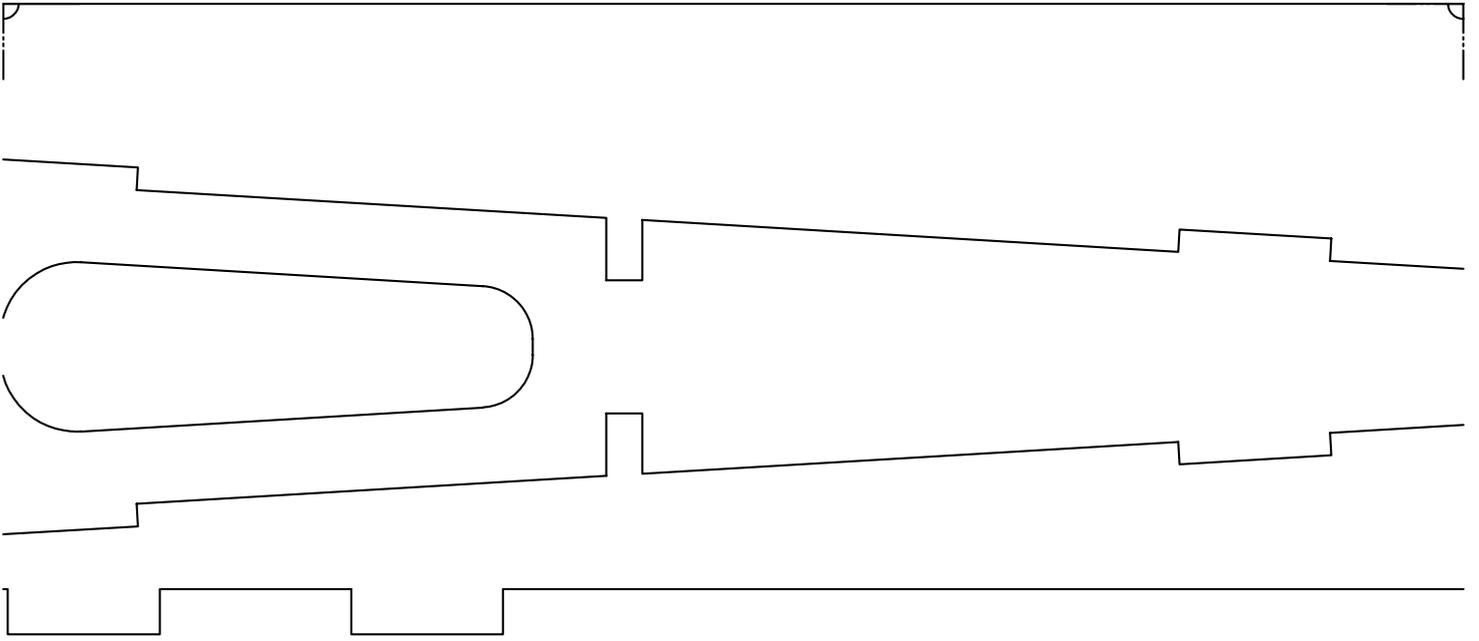
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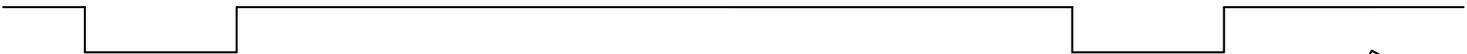
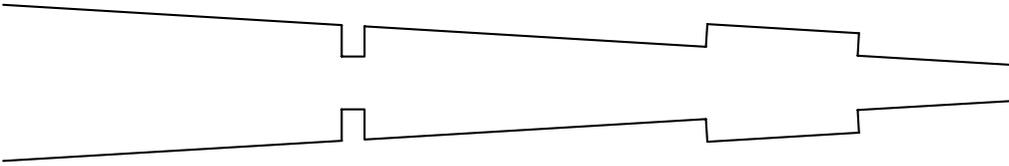
Flanc latéral



13

Coffrage 5

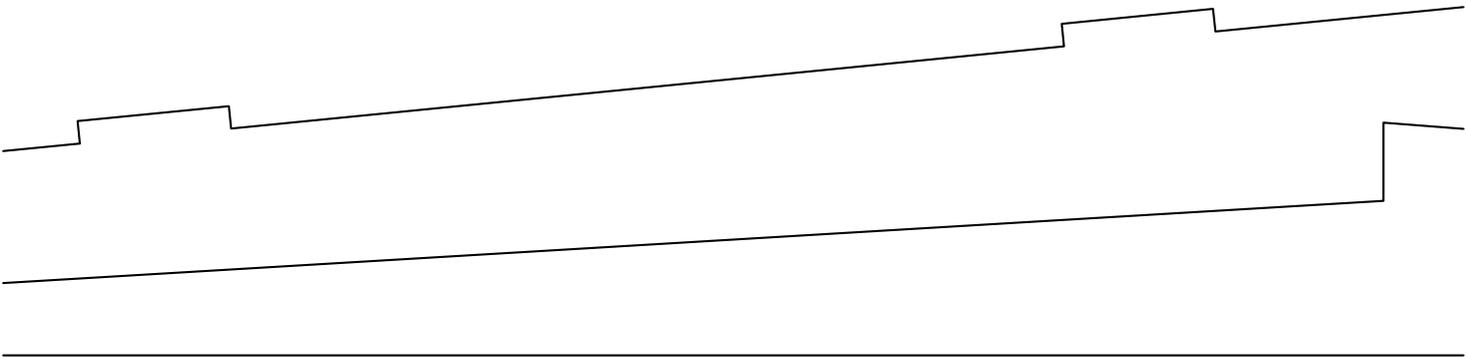
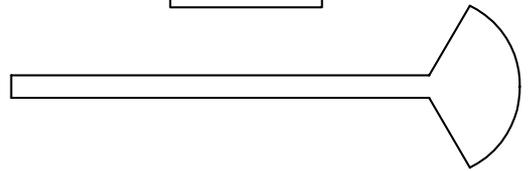


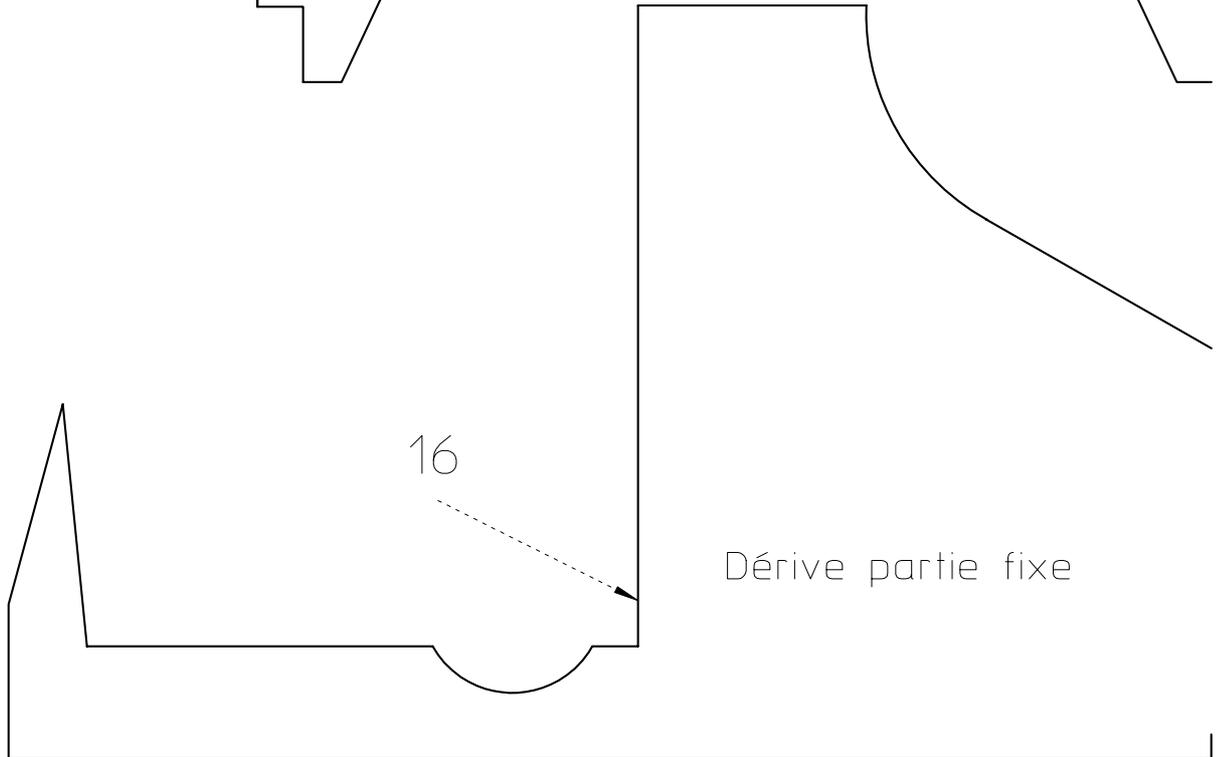
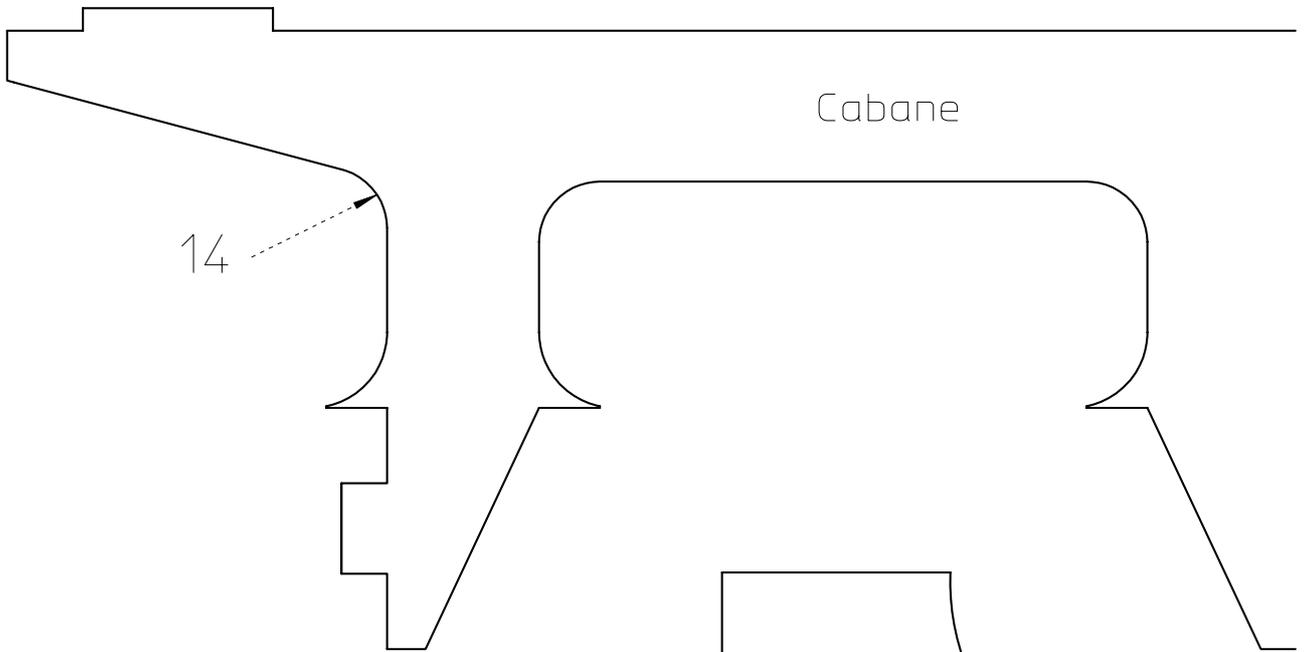
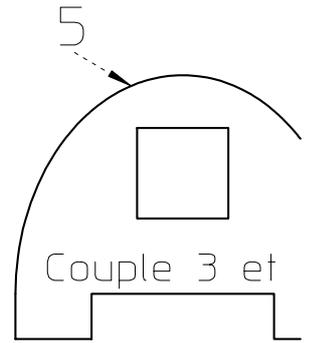
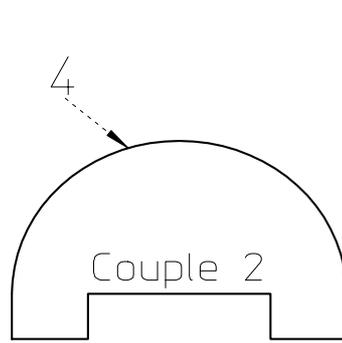
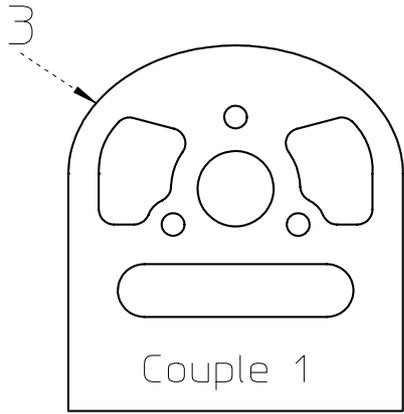


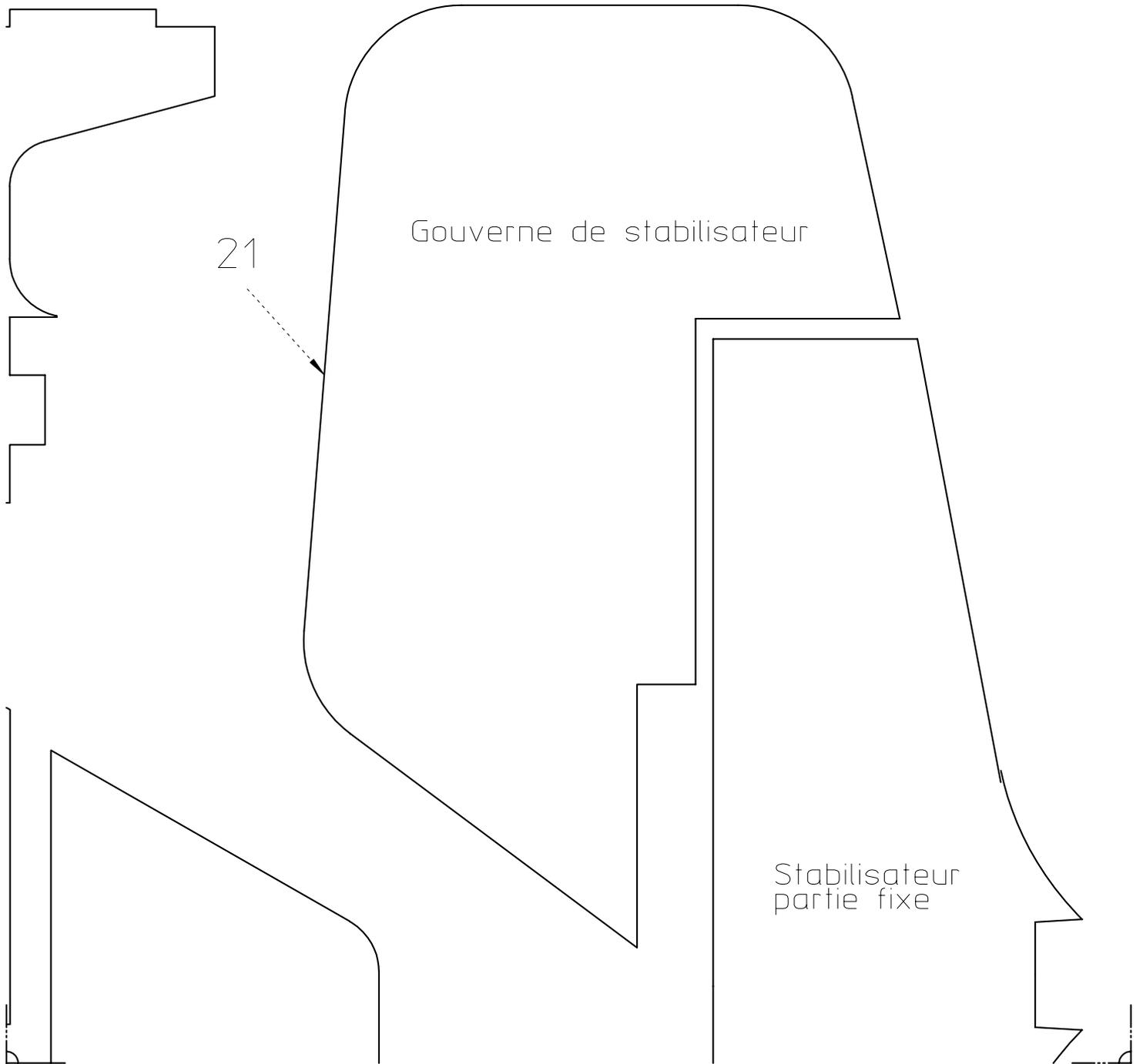
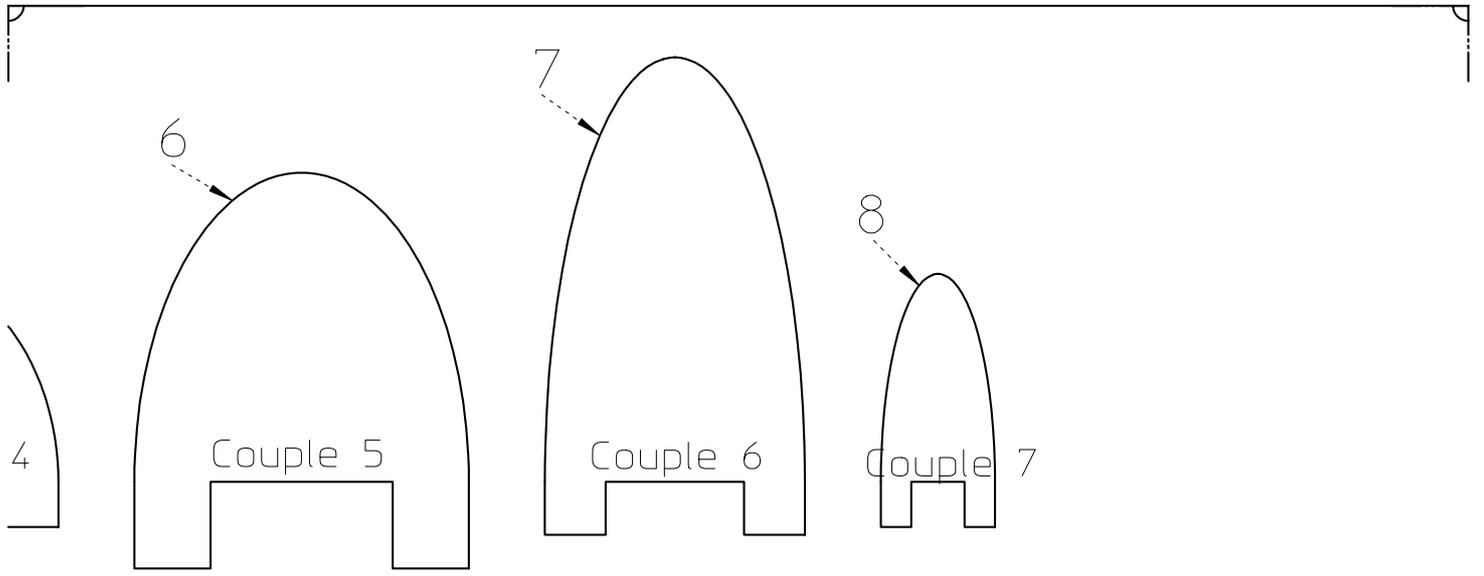
Découpe pour
servo de profondeur

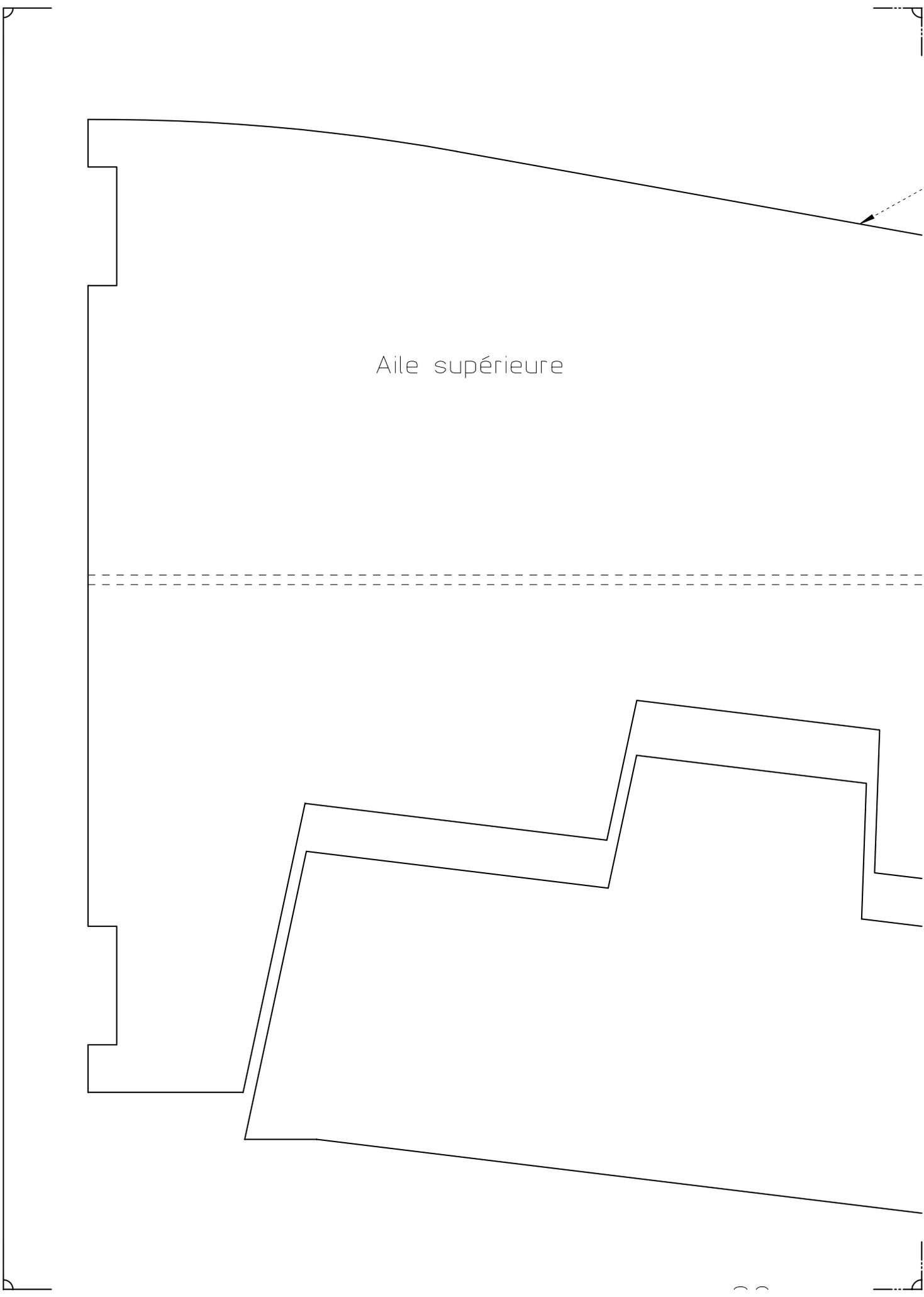


Découpe pour
servo de direction





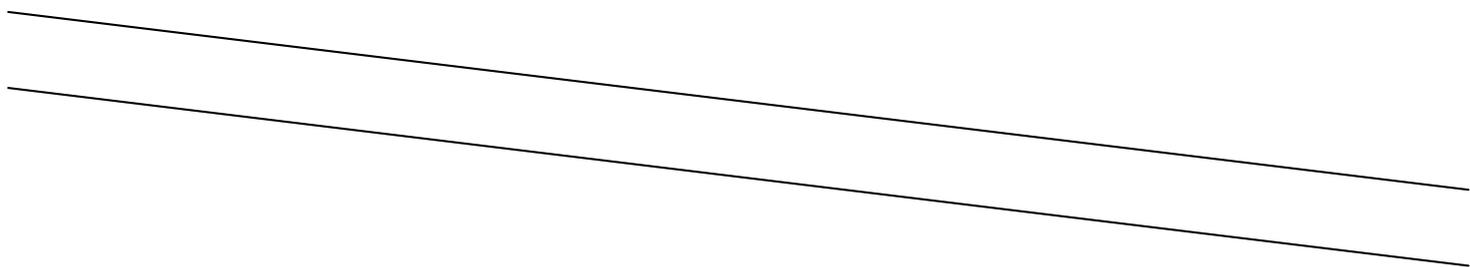
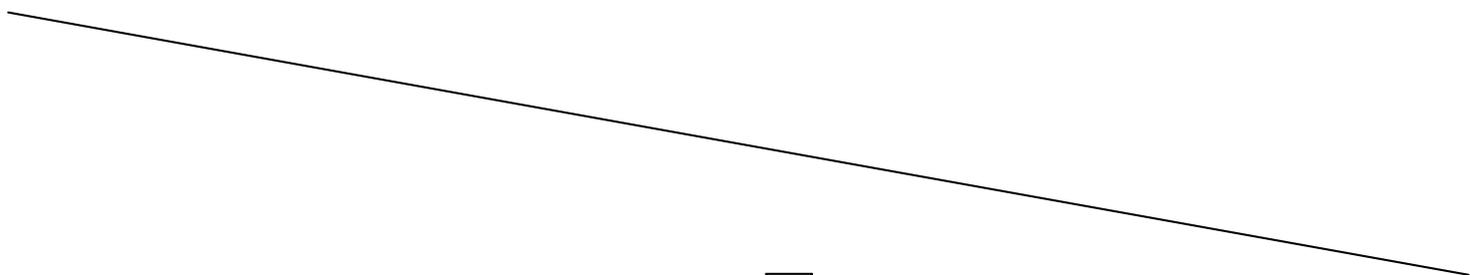




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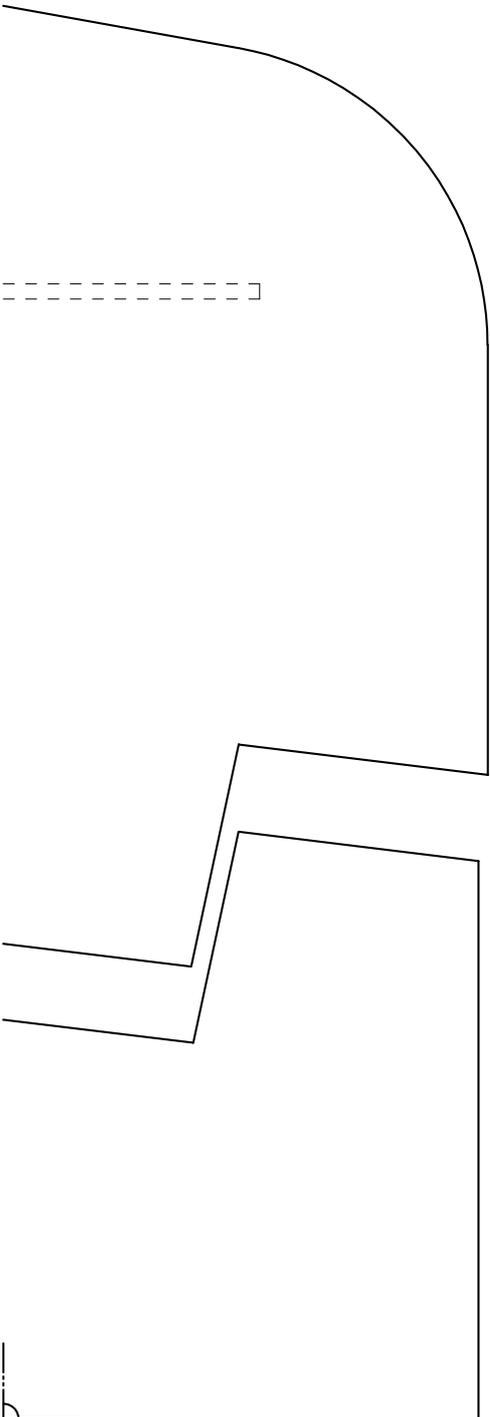
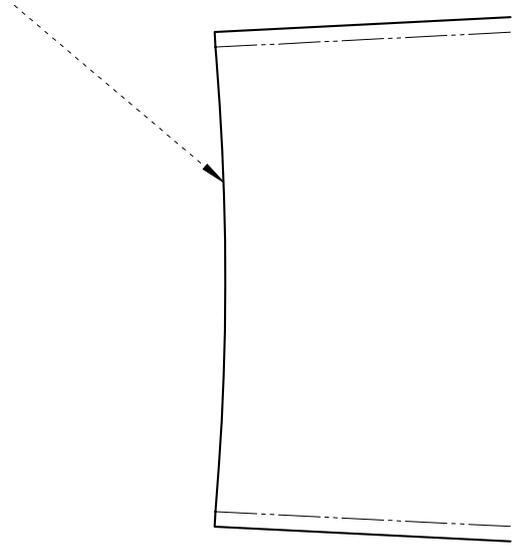


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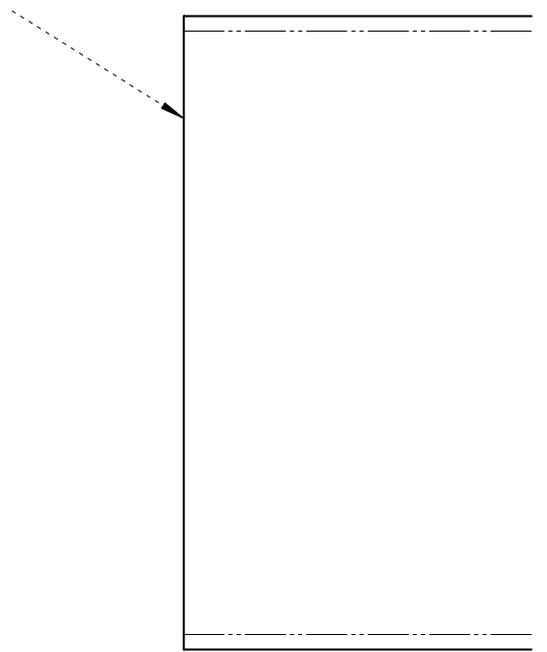




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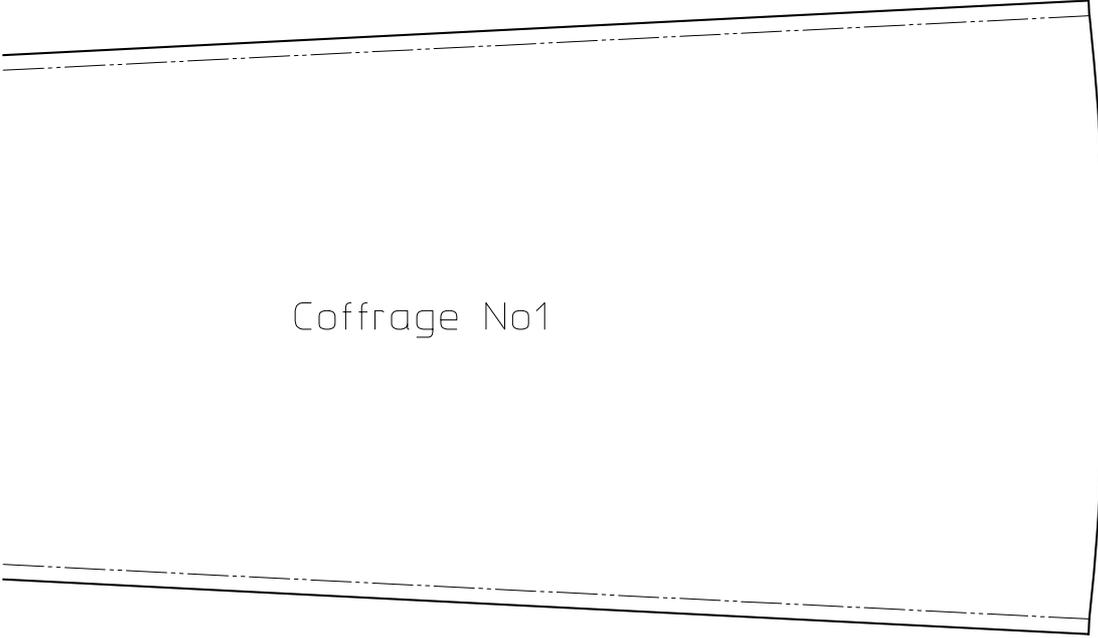


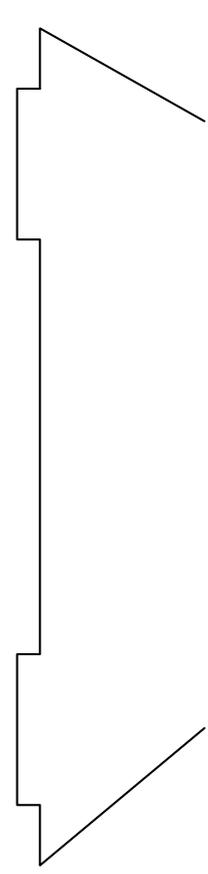
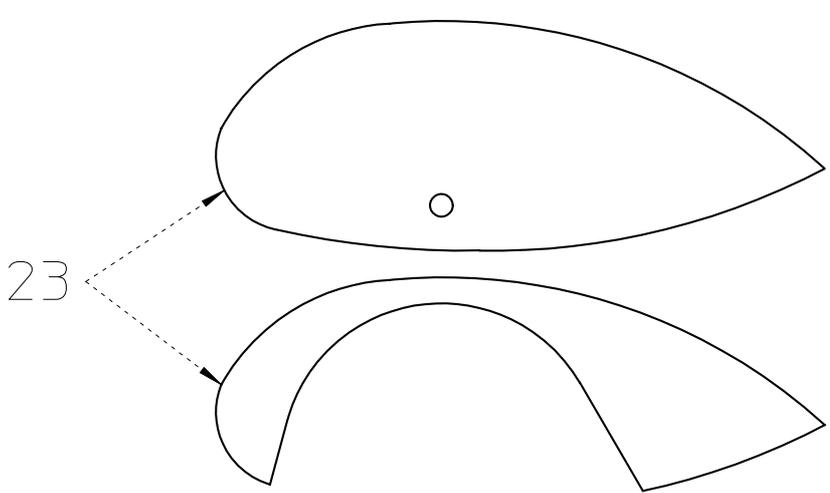
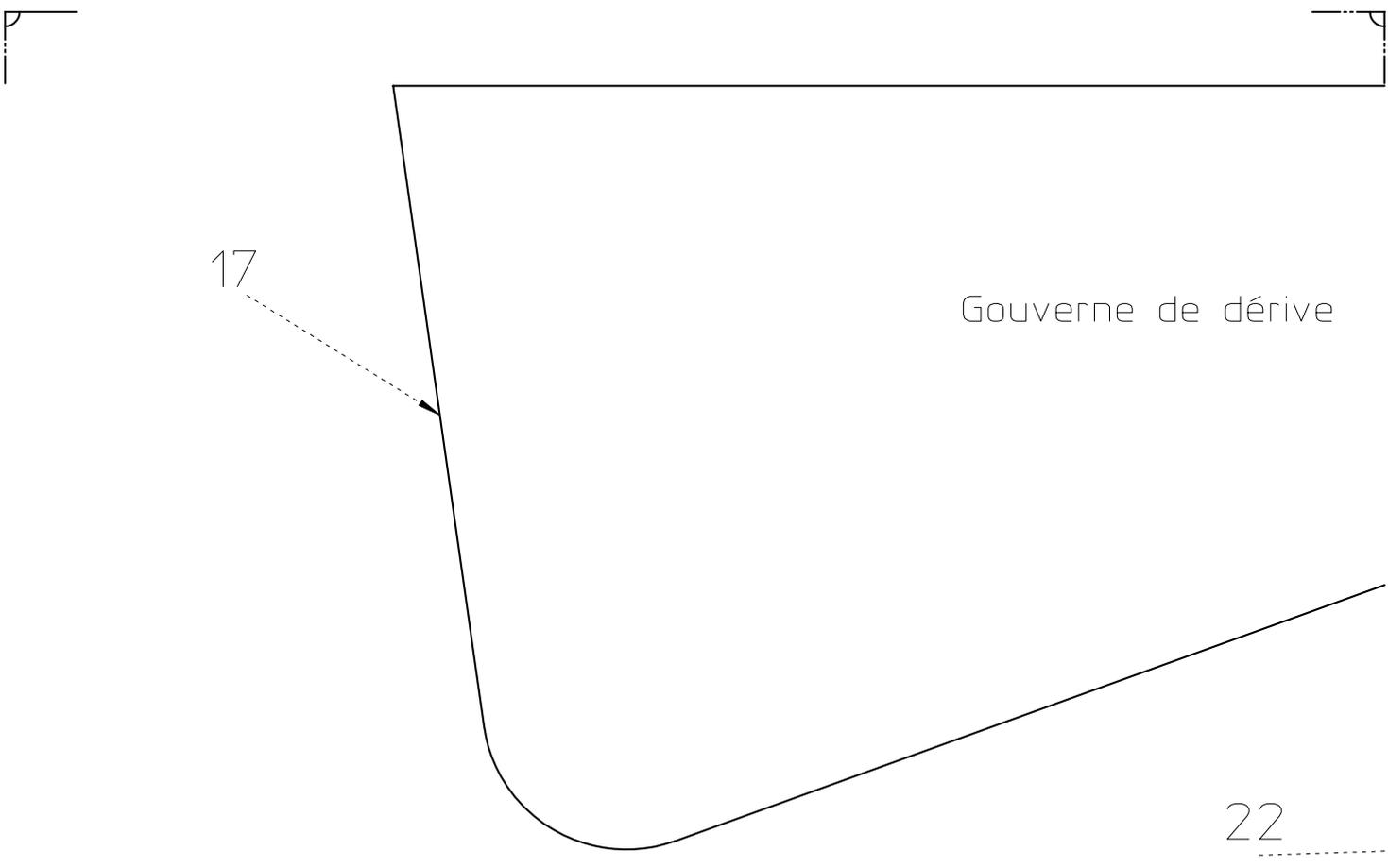
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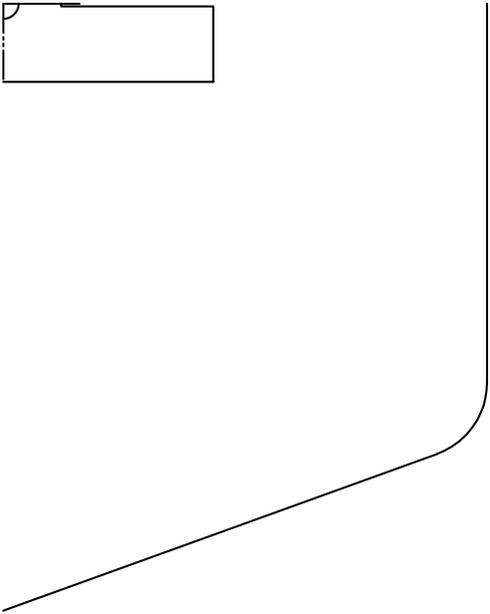


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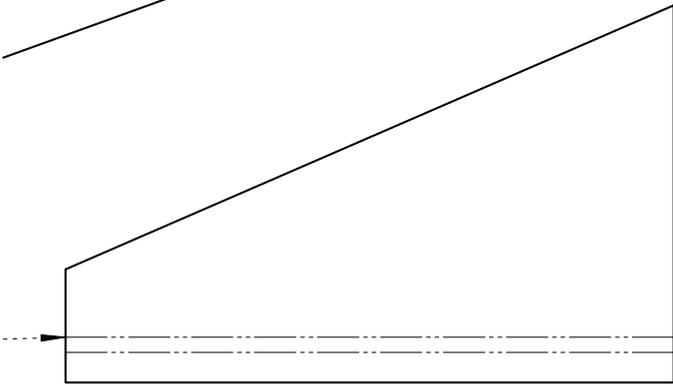
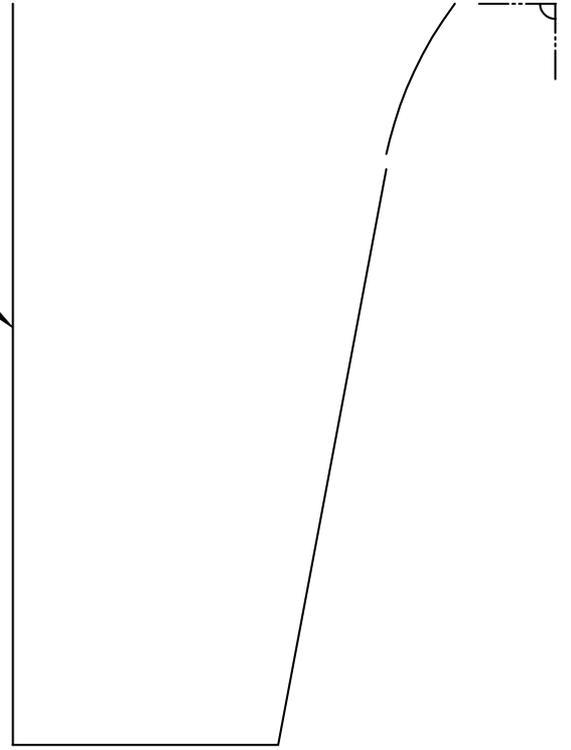




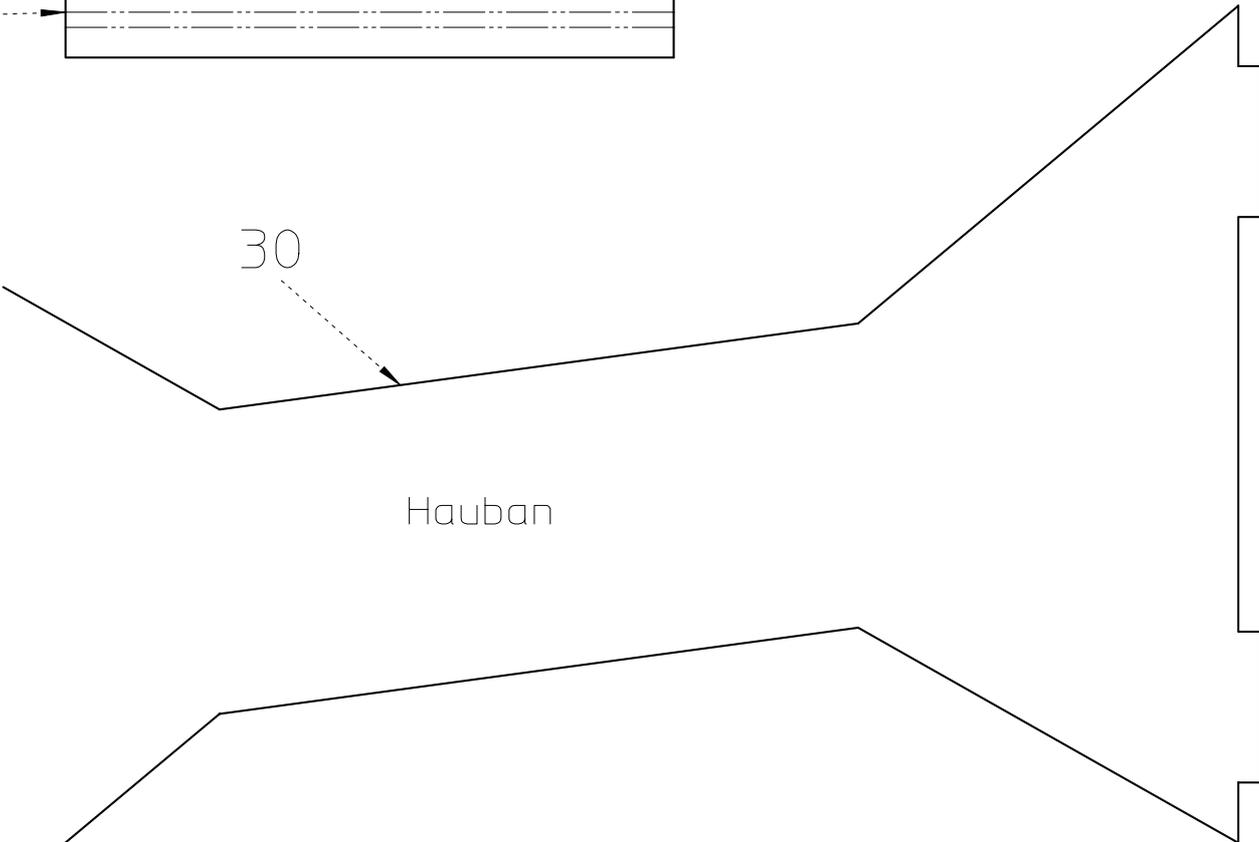




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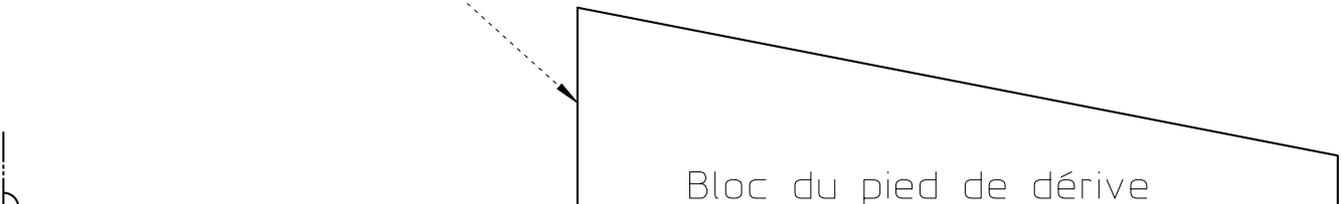
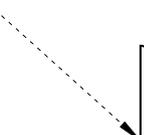


30



Hauban

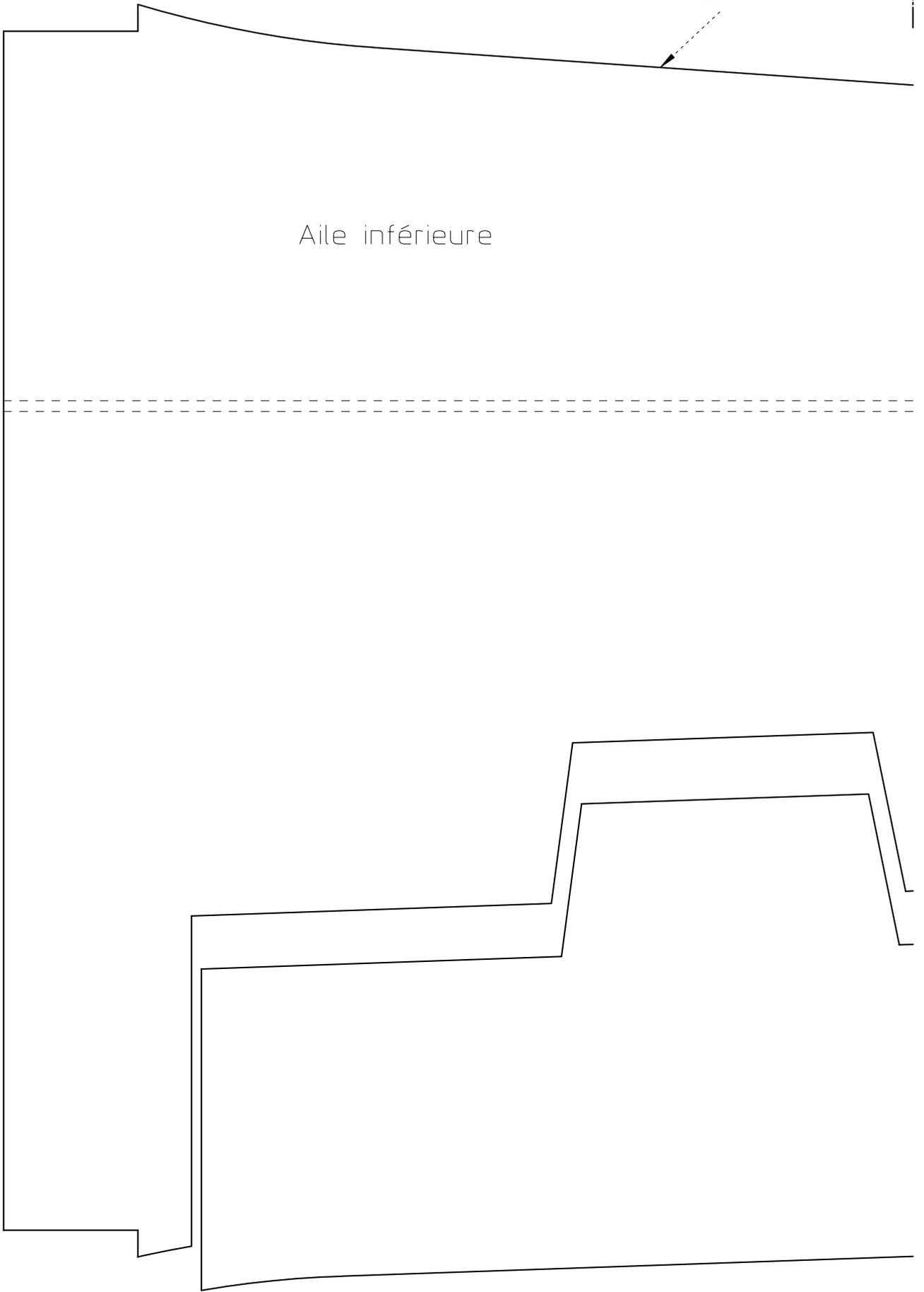
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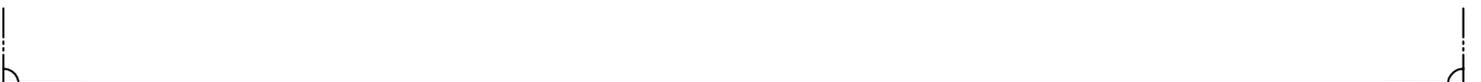
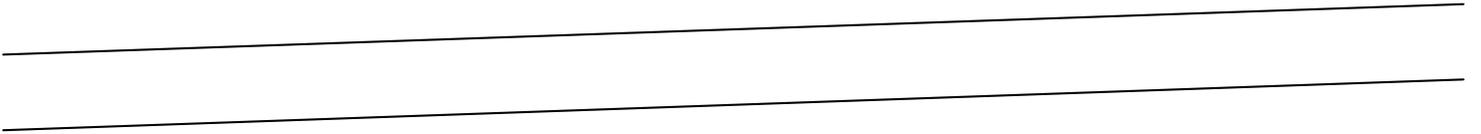


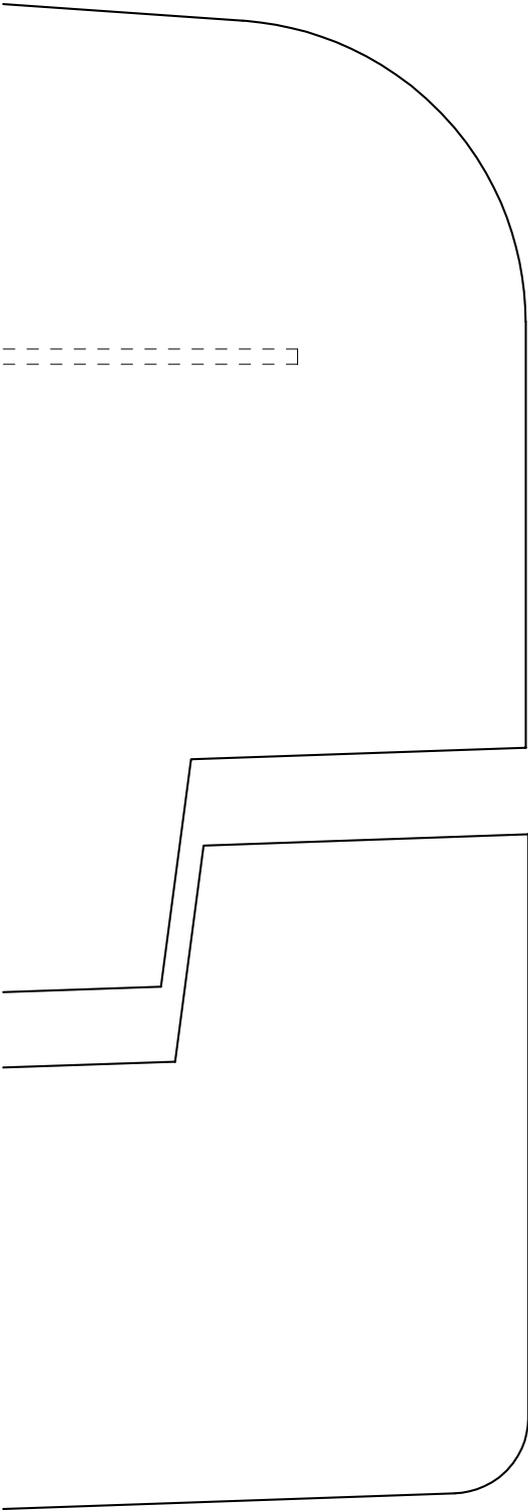
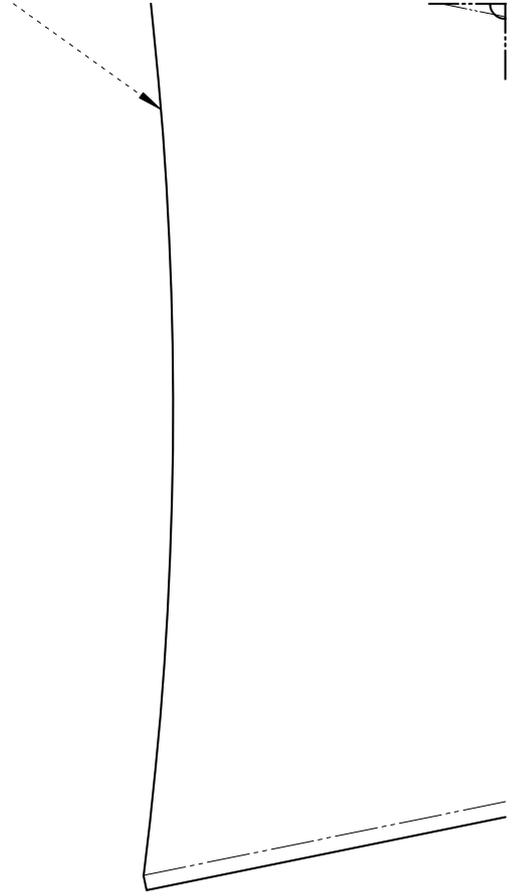
Bloc du pied de dérive

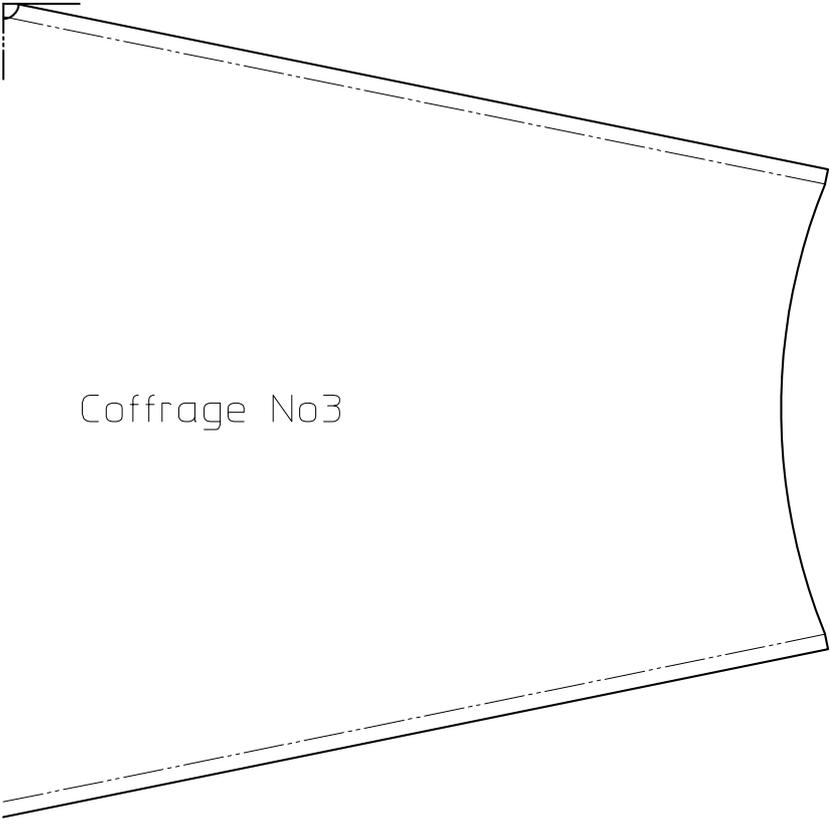
29

Aile inférieure











L'utilisation de
soumise à l'auto

Conception

Copyright 200

50mm

100mm



ce plan dans un cadre sortant de la sphere privée est
la reconnaissance de son auteur.

Steve Gelin

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4 Steve Gelin

Echelle

1:1

Challenger
3D

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