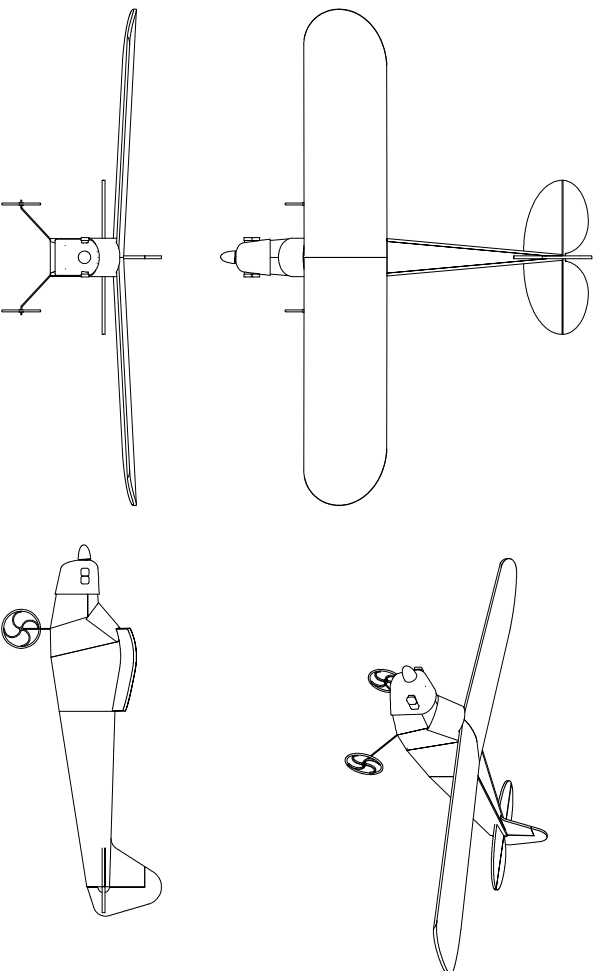


# ELECTRIC ORANGE



## J3 Cub Trainer

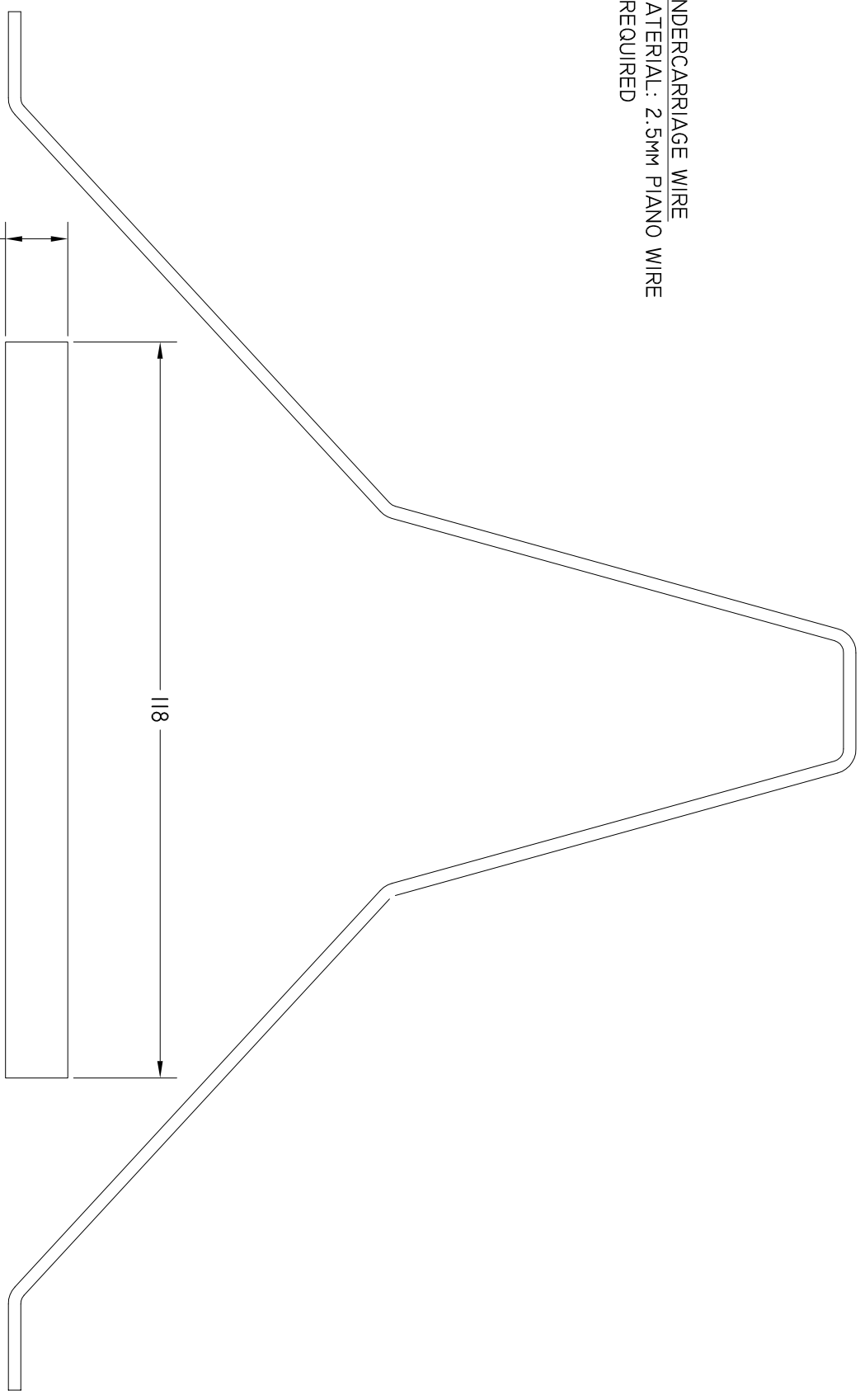


### SPECIFICATION

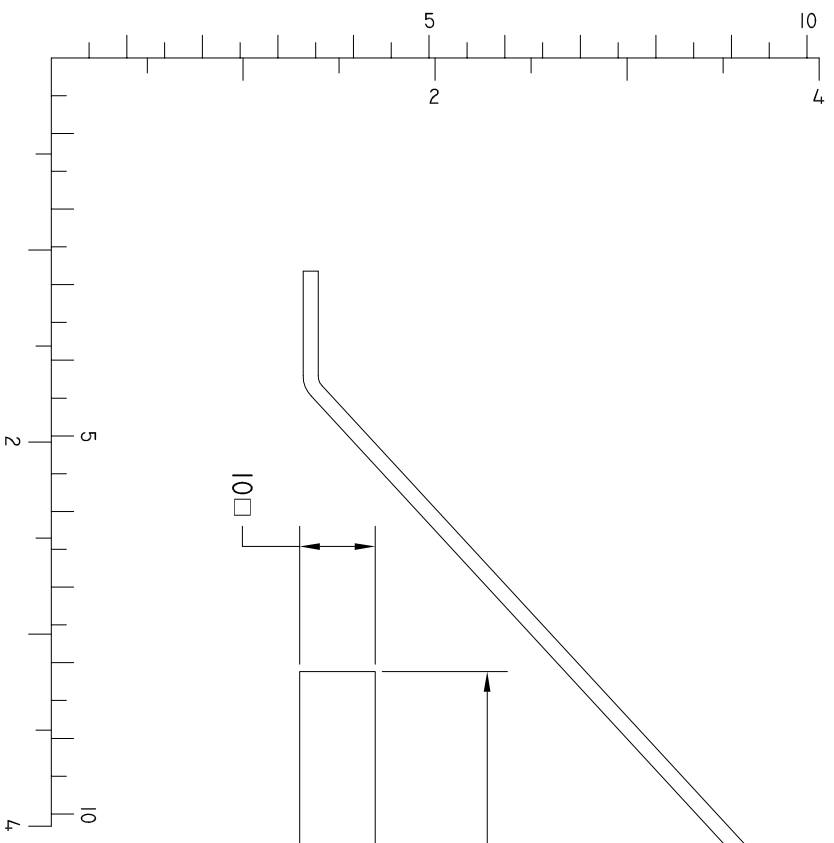
|               |  |
|---------------|--|
| Wing Span:    | 960mm (38.4")  |
| Length:       | 690mm (27.6")  |
| Power System: | GWS EPS-350C-C or D                                  |
| Propeller:    | 10x8 or 9x7 Slow Flyer                               |
| Weight:       | 400 - 450g (14 - 16oz)                               |
| Wing Loading: | 27.8 - 31.3 g/dm <sup>2</sup><br>(9 - 10.3 oz/sq ft) |
| Control:      | 3 Channel  |
| Material:     | XPS-Lite, Depron or FFF<br>(6mm Nominal Thickness)   |



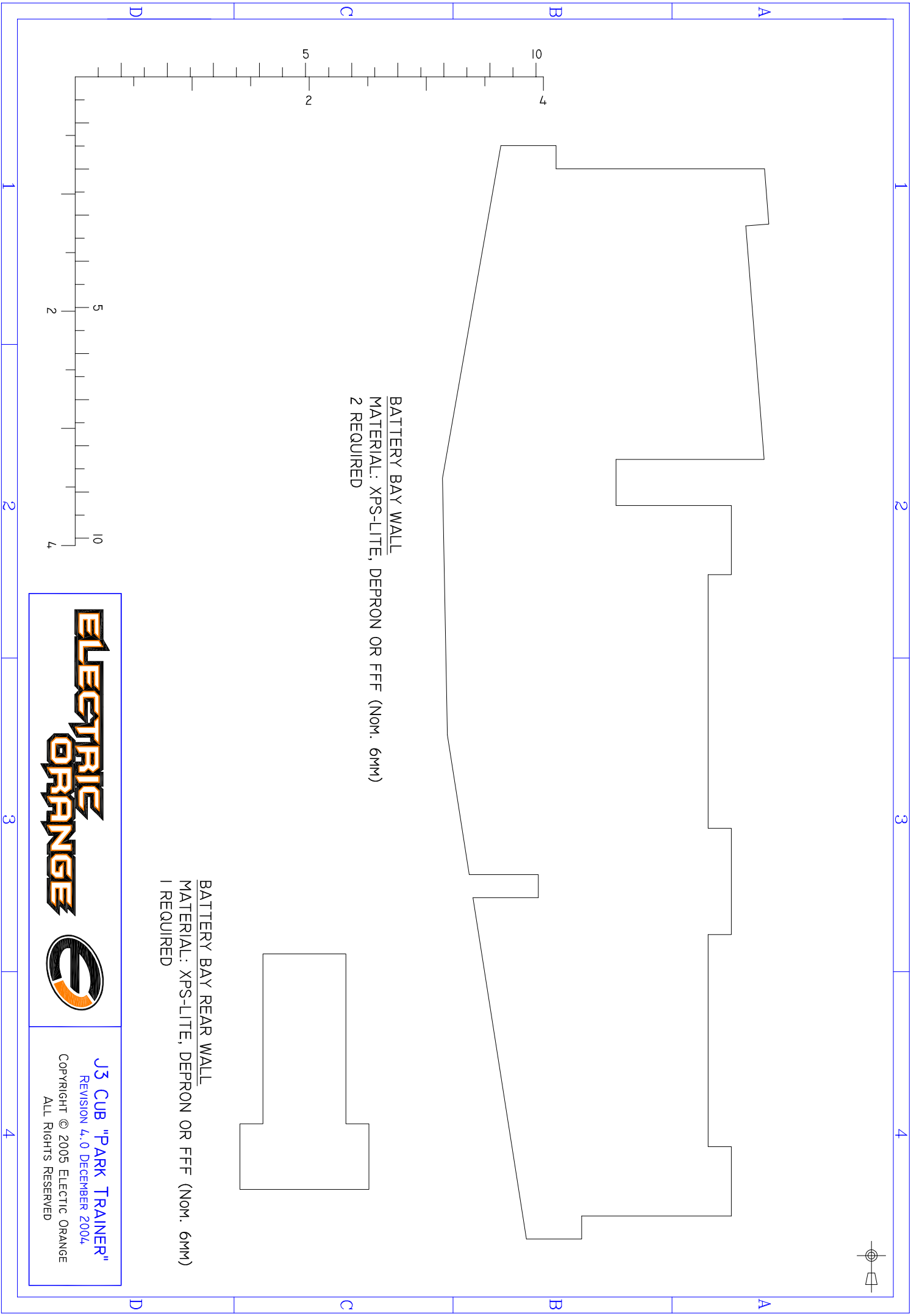
UNDERCARRIAGE WIRE  
 MATERIAL: 2.5MM PLANO WIRE  
 1 REQUIRED



MOTOR STICK  
 MATERIAL: 10 X 10 SQUARE PINE OR SPRUCE  
 1 REQUIRED



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**BATTERY BAY WALL**  
 MATERIAL: XPS-LITE, DEPRON OR FFF (Nom. 6mm)  
 2 REQUIRED

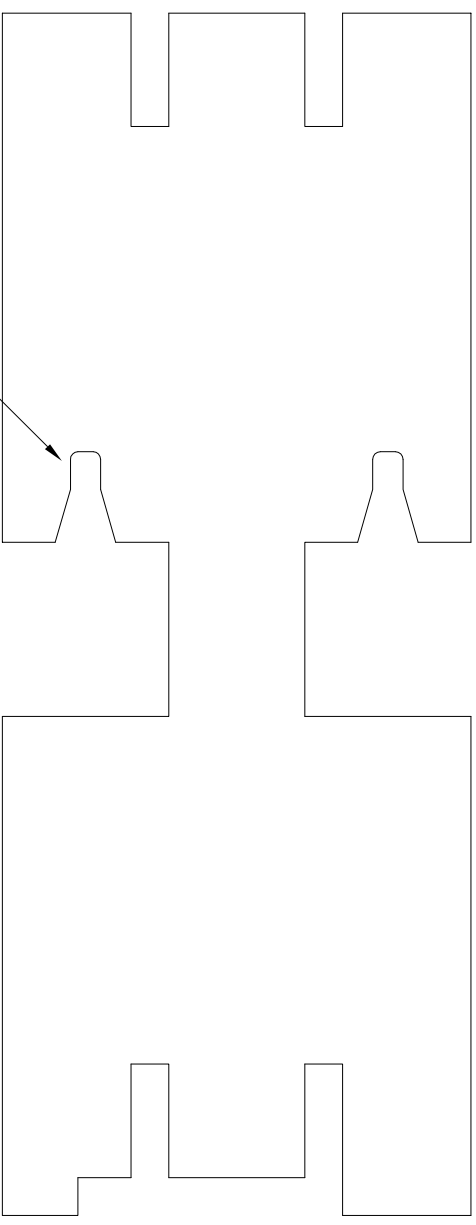
**BATTERY BAY REAR WALL**  
 MATERIAL: XPS-LITE, DEPRON OR FFF (Nom. 6mm)  
 1 REQUIRED



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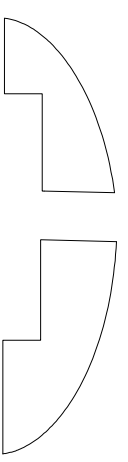


RC TRAY  
 MATERIAL: XPS-LITE, DEPRON OR FFF (NOM. 6MM)  
 1 REQUIRED

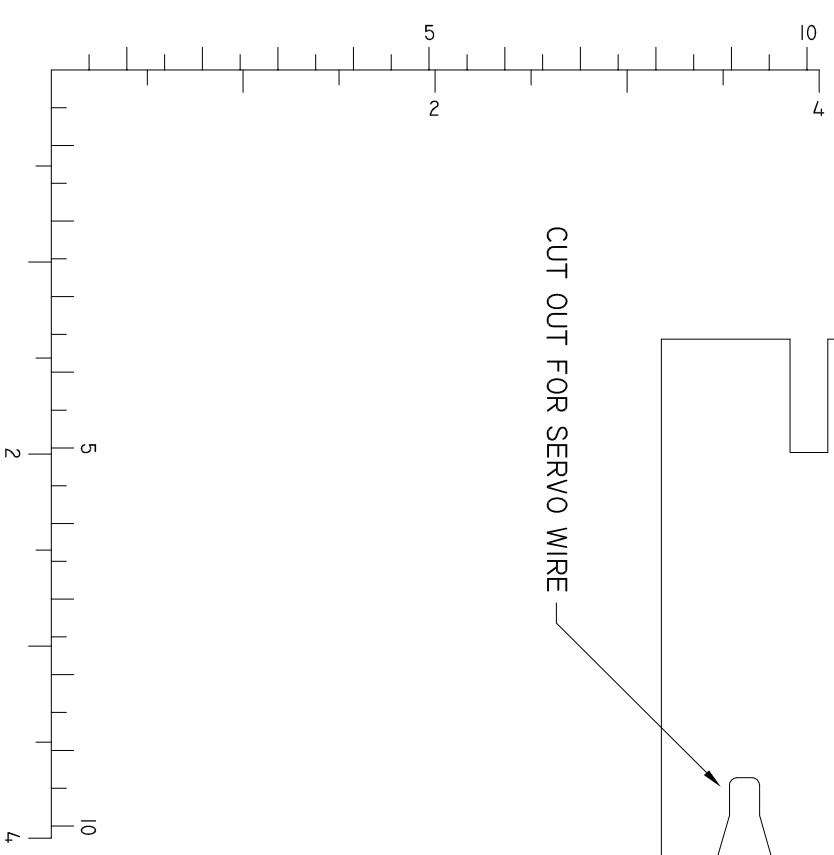


CUT OUT FOR SERVO WIRE

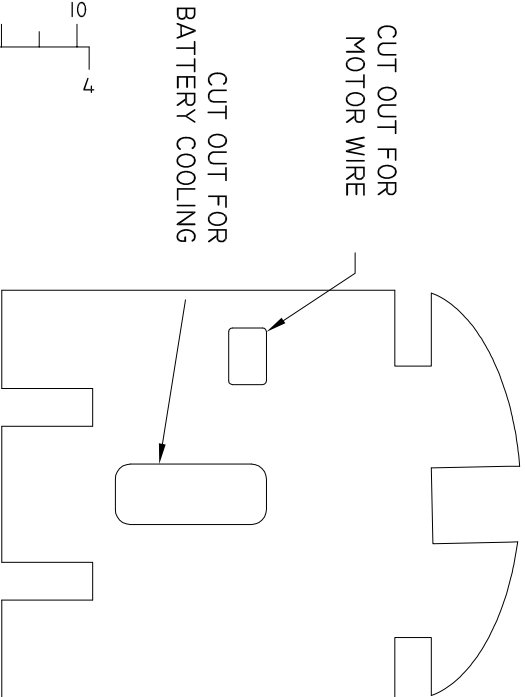
23 OR TO SUIT SERVO



TURTLE DECK FORMERS  
 MATERIAL: XPS-LITE, DEPRON OR FFF (NOM. 6MM)  
 1 EACH REQUIRED



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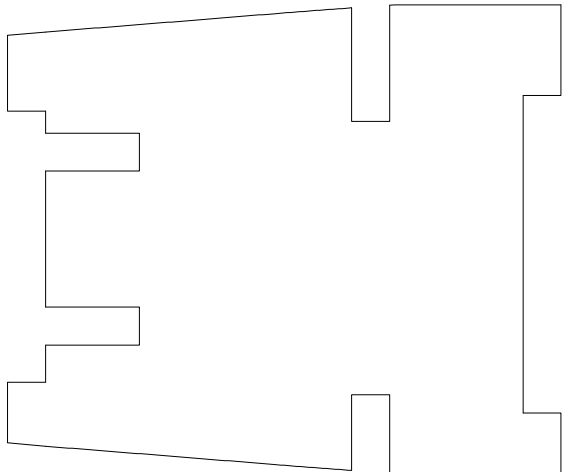


CUT OUT FOR  
MOTOR WIRE

CUT OUT FOR  
BATTERY COOLING

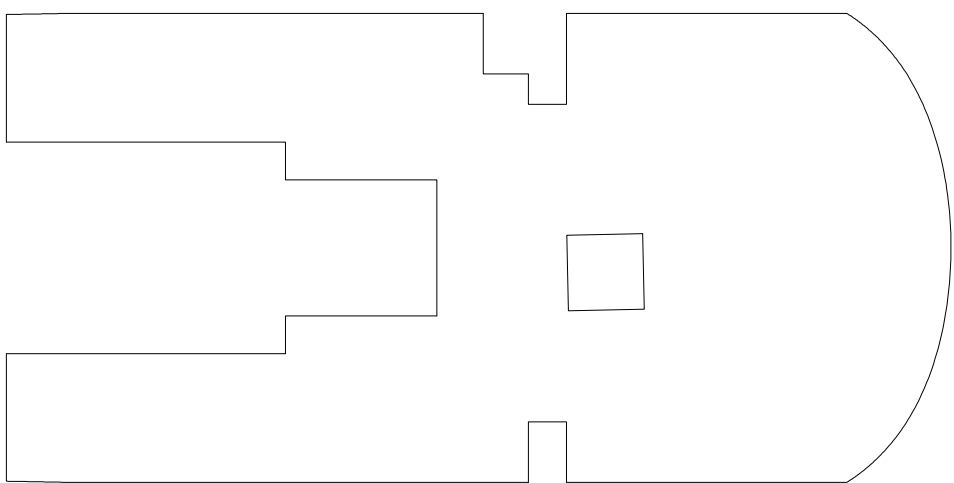
FIRE WALL

MATERIAL: XPS-LITE, DEPRON OR FFF (Nom. 6mm)  
1 REQUIRED



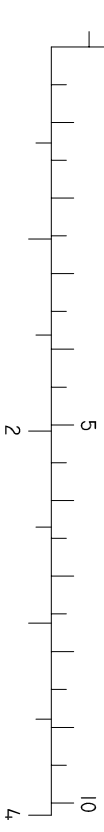
MOTOR STICK SHELL

MATERIAL: XPS-LITE, DEPRON OR FFF (Nom. 6mm)  
1 REQUIRED



FORMER #1

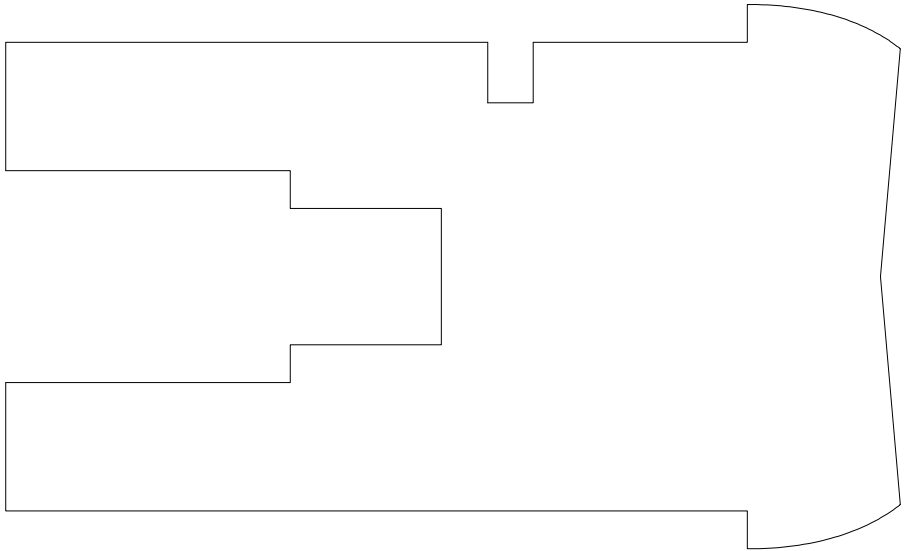
MATERIAL: XPS-LITE, DEPRON OR FFF (Nom. 6mm)  
1 REQUIRED



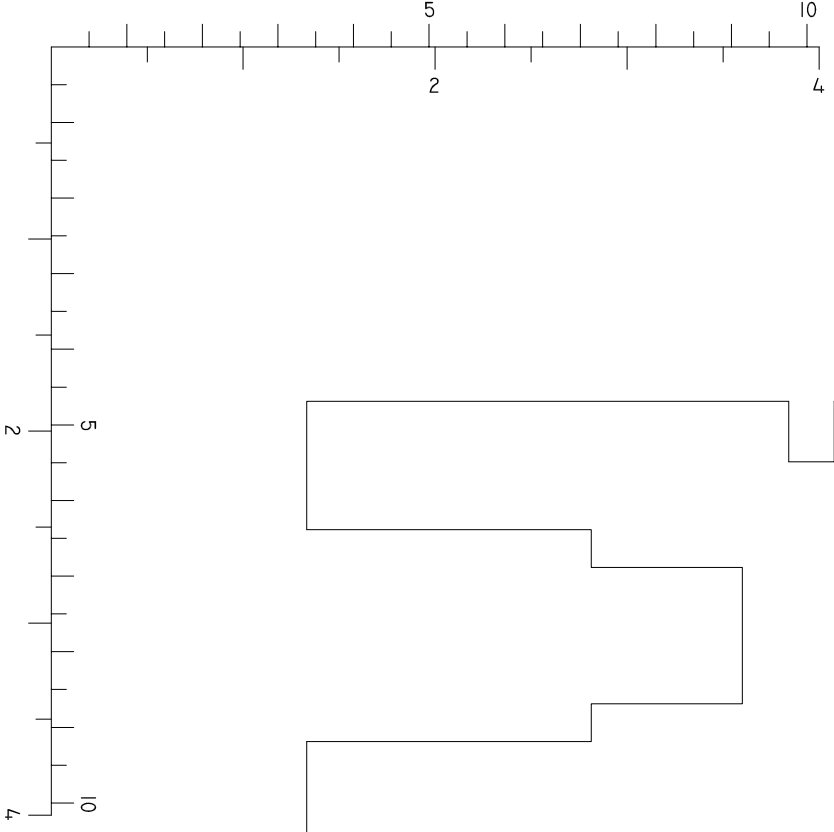
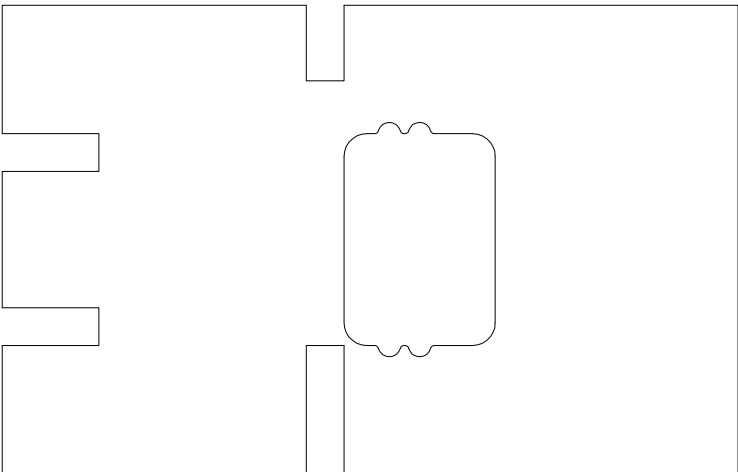
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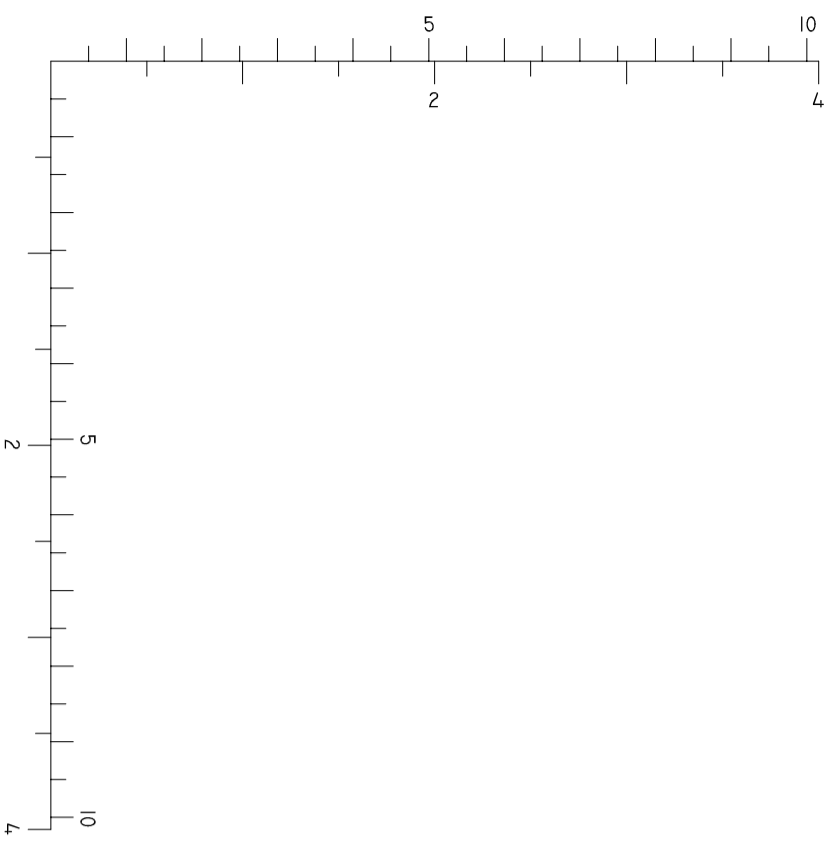
FORMER #2  
 MATERIAL: XPS-LITE, DEPRON OR FFF (Nom. 6mm)  
 1 REQUIRED



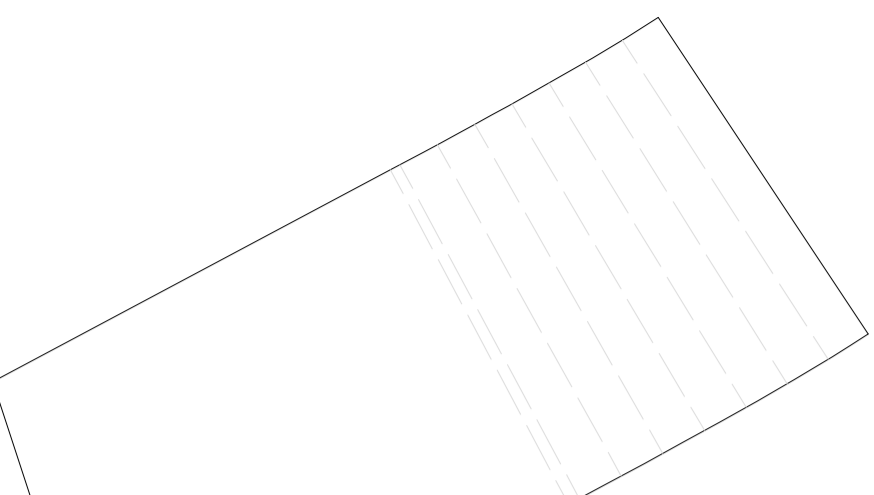
FORMER #3  
 MATERIAL: XPS-LITE, DEPRON OR FFF (Nom. 6mm)  
 1 REQUIRED



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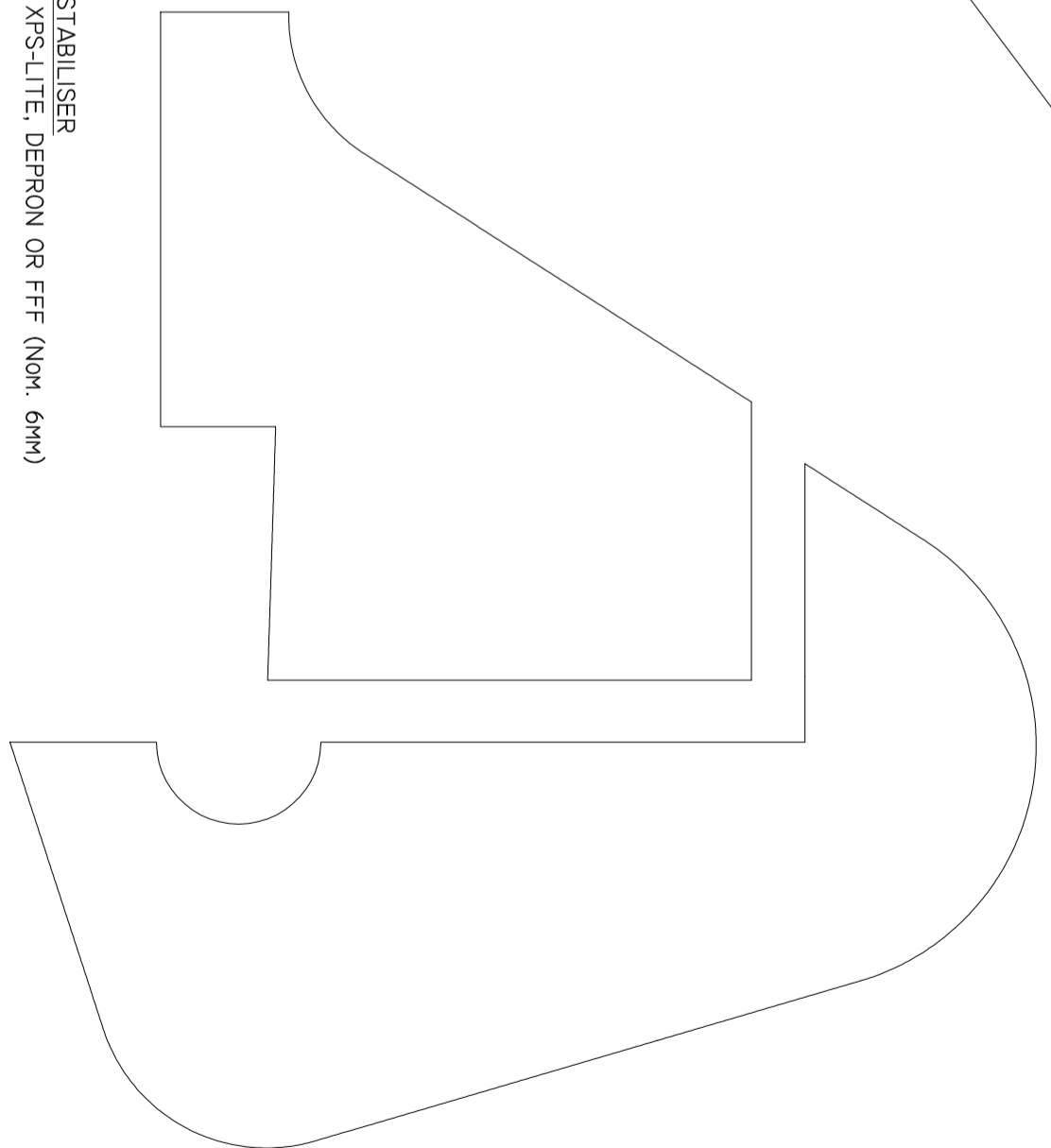


NOTE: IF USING XPS-LITE OR DEPRON, GROOVE ALONG LINES AND PLACE PACKING TAPE ON THE OUTSIDE SURFACE  
 GROOVES 3MM DEEP BY 1MM WIDE  
 FOR FFF, WORK ALONG CURVE TO SOFTEN THE MATERIAL TO ALLOW FORMING

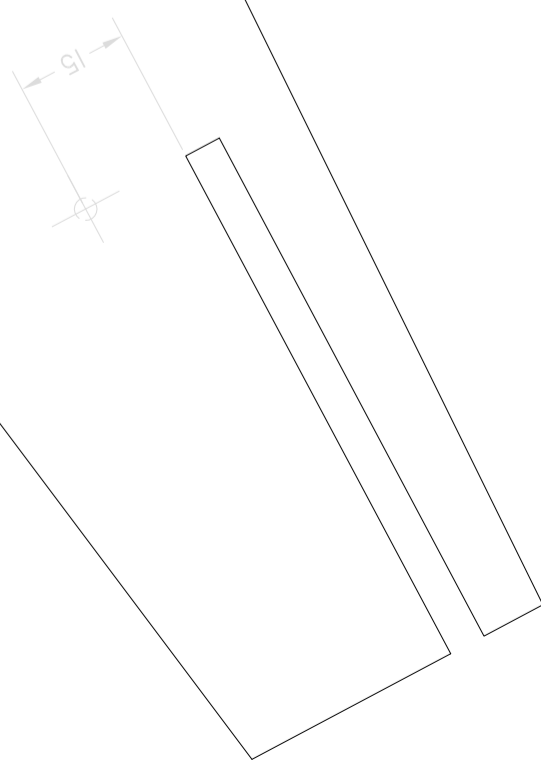


FUSELAGE SIDE  
 MATERIAL: XPS-LITE, DEPRON OR FFF (Nom. 6MM)  
 2 REQUIRED

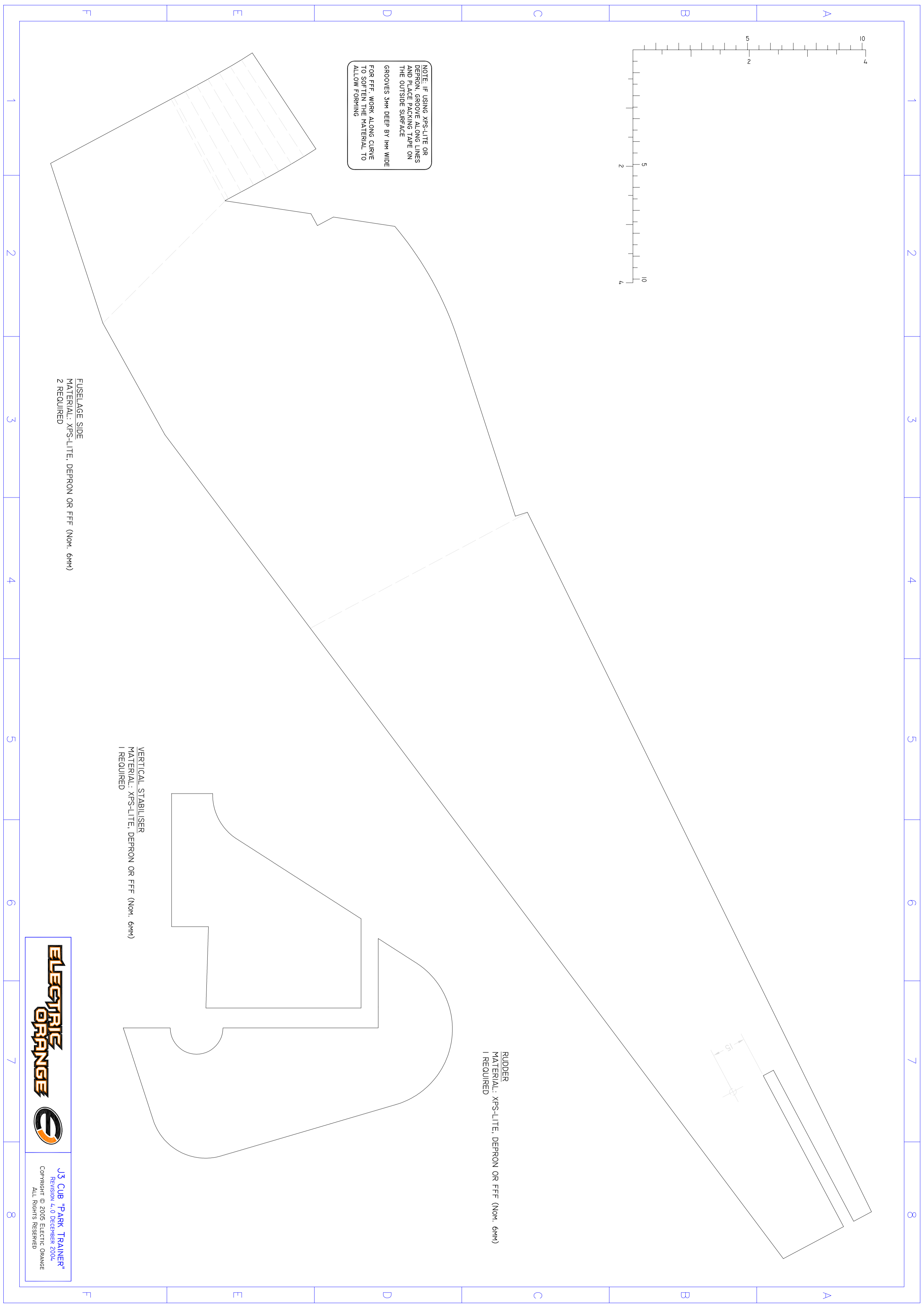
VERTICAL STABILISER  
 MATERIAL: XPS-LITE, DEPRON OR FFF (Nom. 6MM)  
 1 REQUIRED

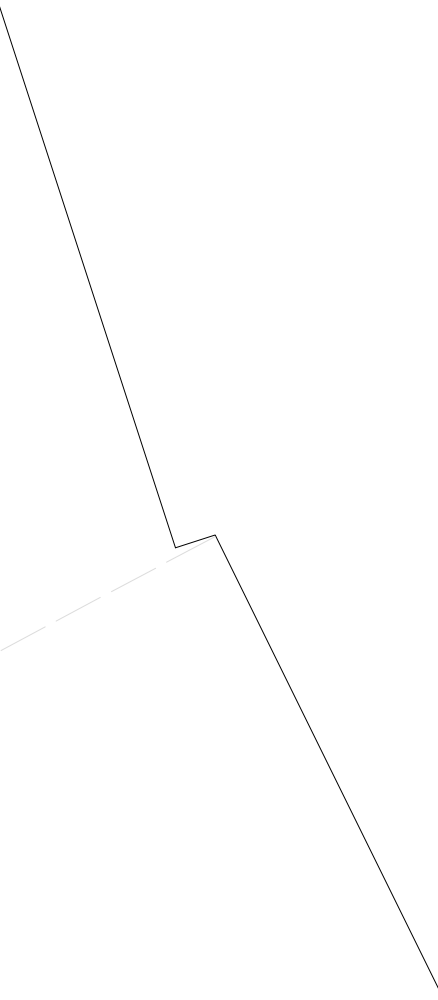
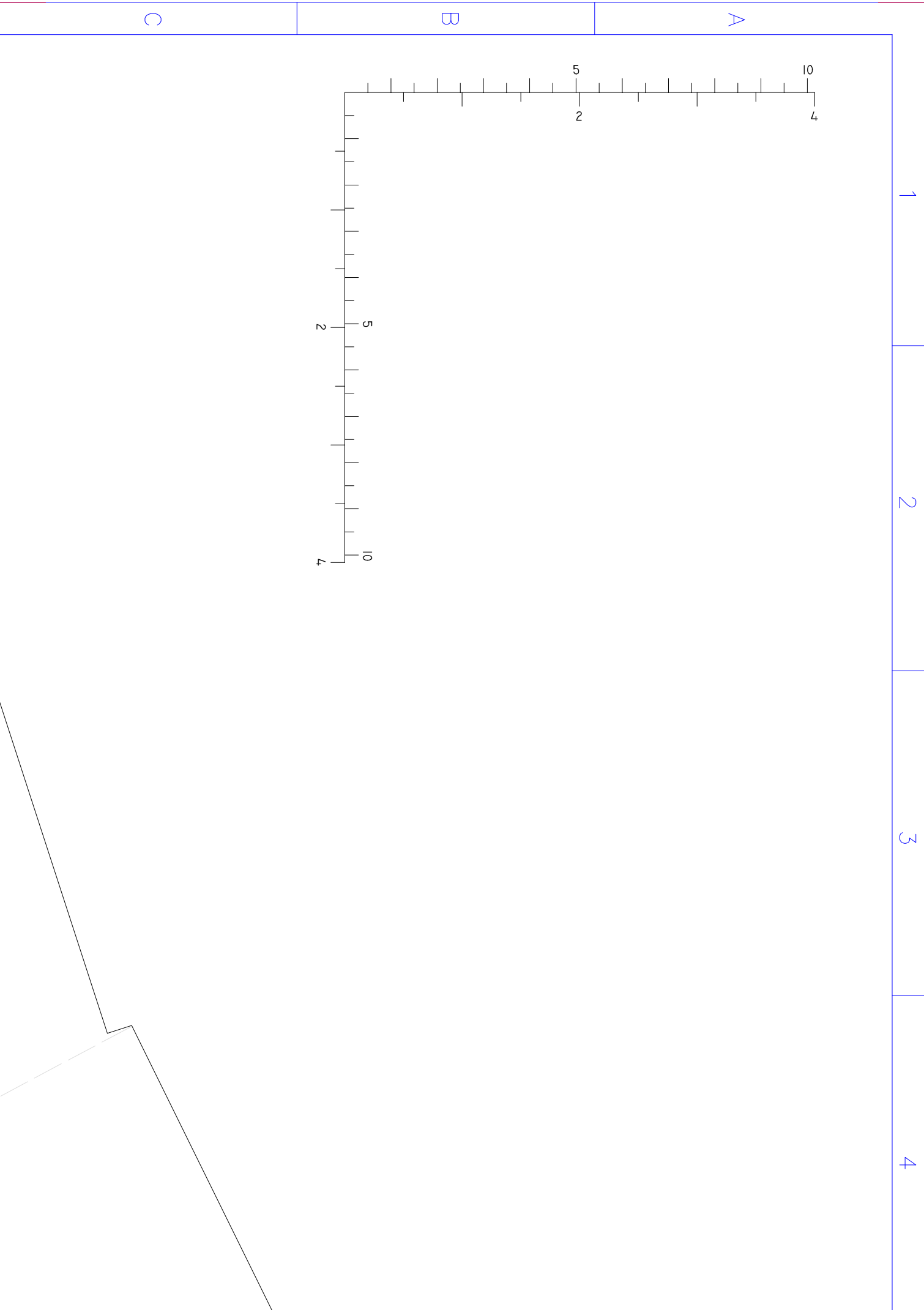


RUDDER  
 MATERIAL: XPS-LITE, DEPRON OR FFF (Nom. 6MM)  
 1 REQUIRED



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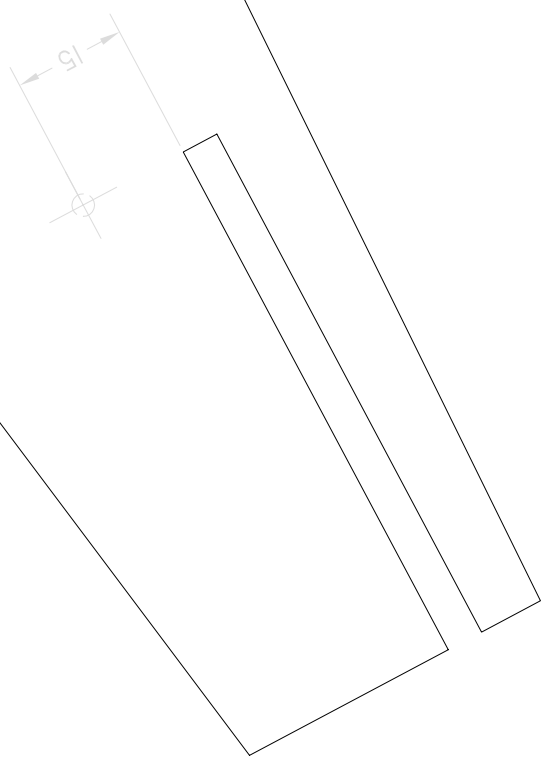
7

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A

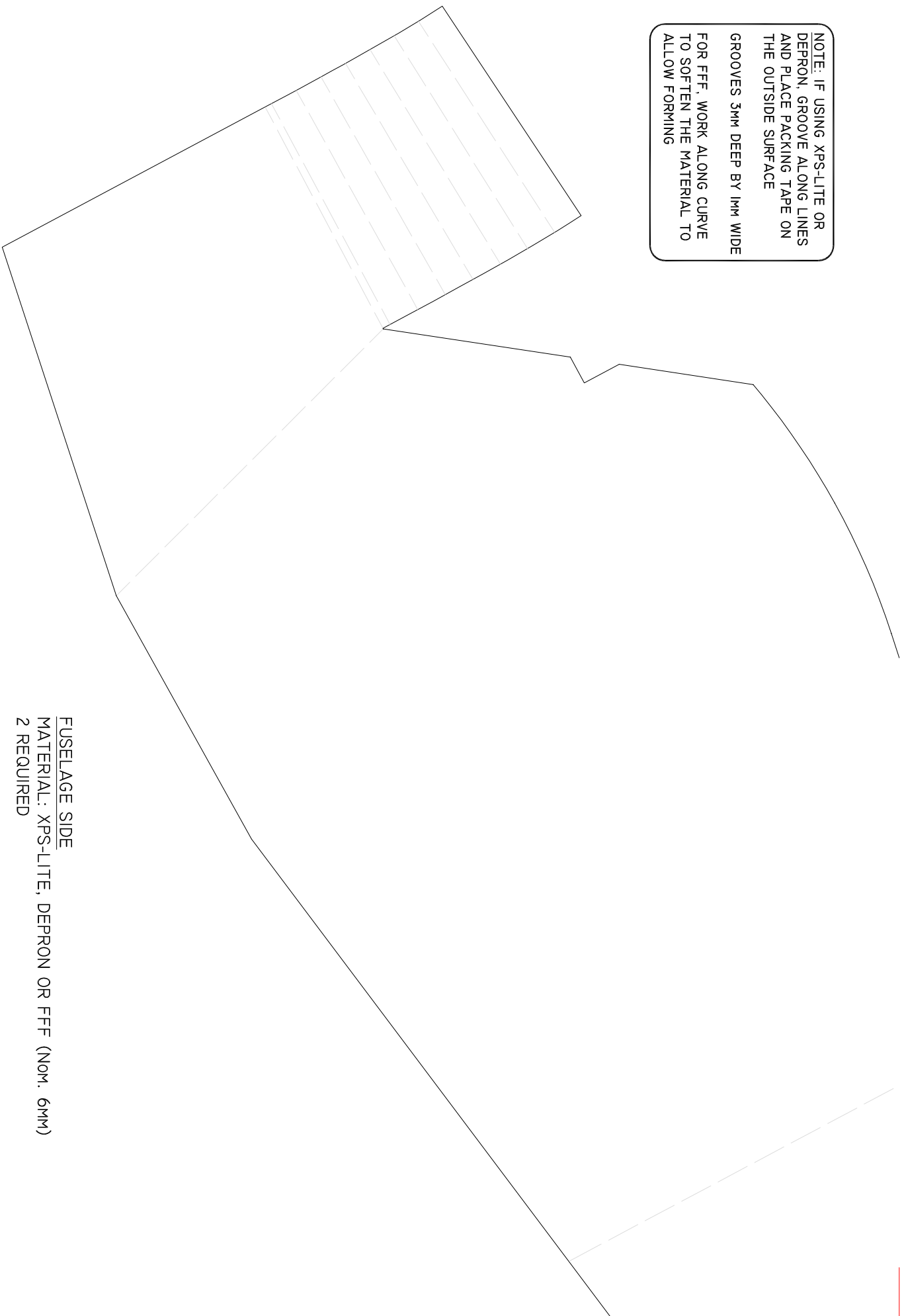
B

C



**RUDDER**  
MATERIAL: XPS-LITE, DEPRON OR FFF (Nom. 6mm)  
I REQUIRED

NOTE: IF USING XPS-LITE OR DEPRON, GROOVE ALONG LINES AND PLACE PACKING TAPE ON THE OUTSIDE SURFACE  
GROOVES 3MM DEEP BY 1MM WIDE  
FOR FFF, WORK ALONG CURVE TO SOFTEN THE MATERIAL TO ALLOW FORMING



FUSELAGE SIDE  
MATERIAL: XPS-LITE, DEPRON OR FFF (Nom. 6MM)  
2 REQUIRED

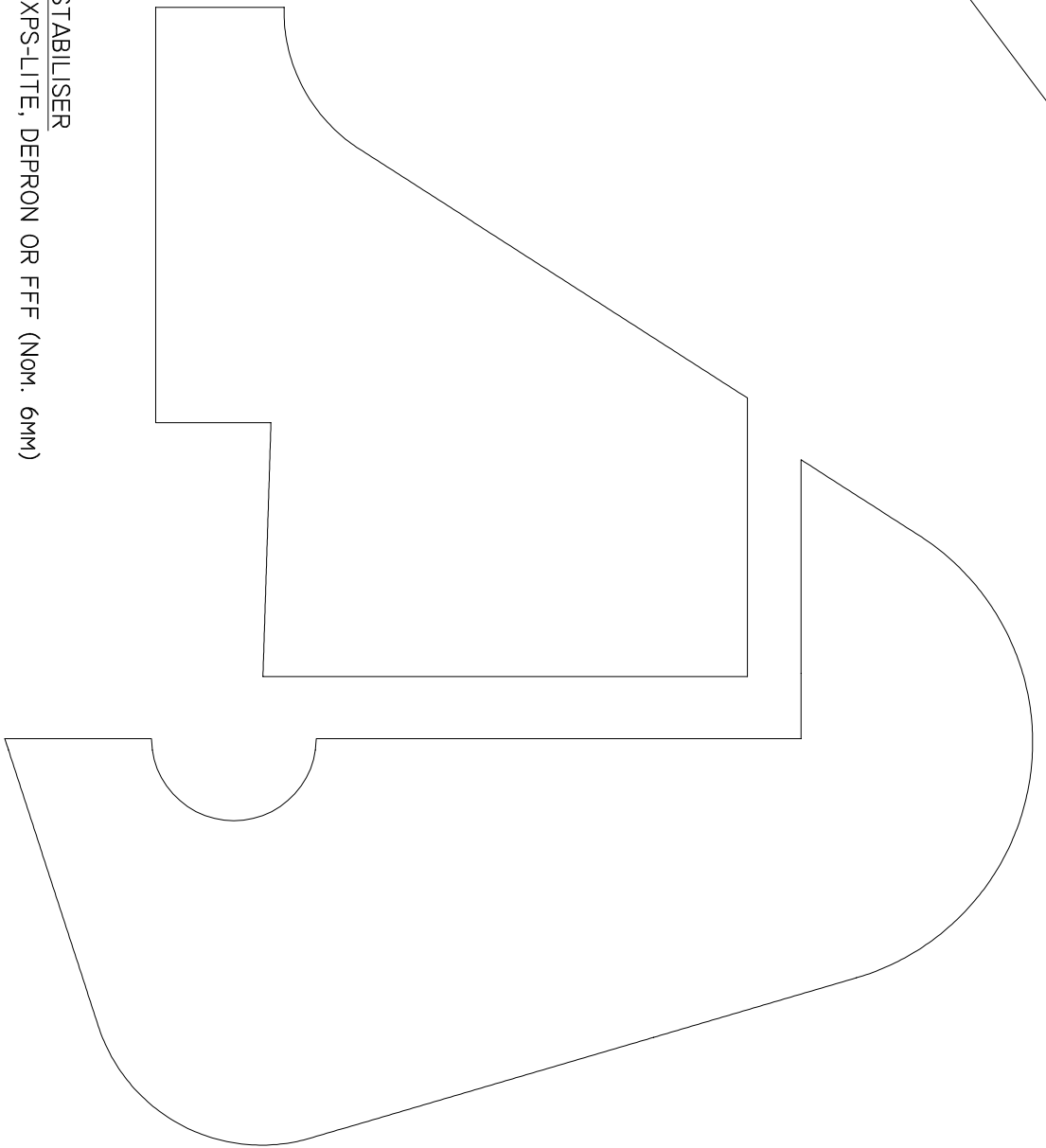
1 2 3 4

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VERTICAL STABILISER  
MATERIAL: XPS-LITE, DEPRON OR FFF (Nom. 6mm)  
1 REQUIRED



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1 2 3 4 5 6 7 8

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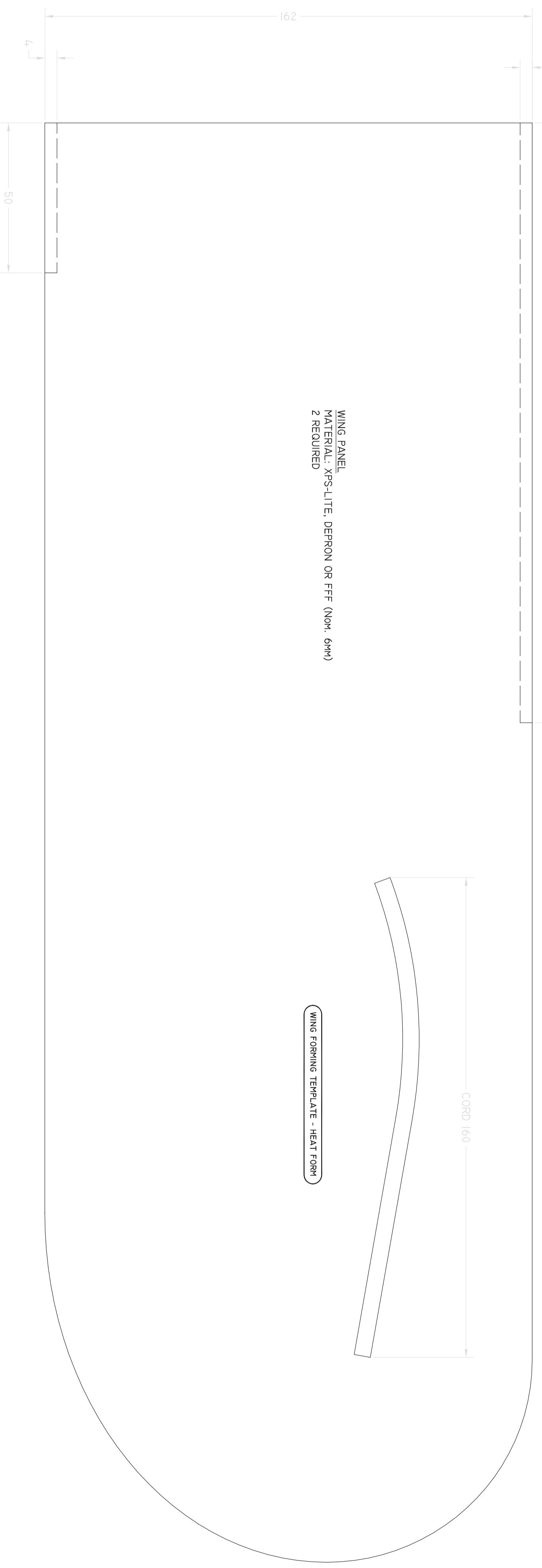
4

162

WING PANEL  
MATERIAL: XPS-LITE, DEPRON OR FFF (Nom. 6mm)  
2 REQUIRED

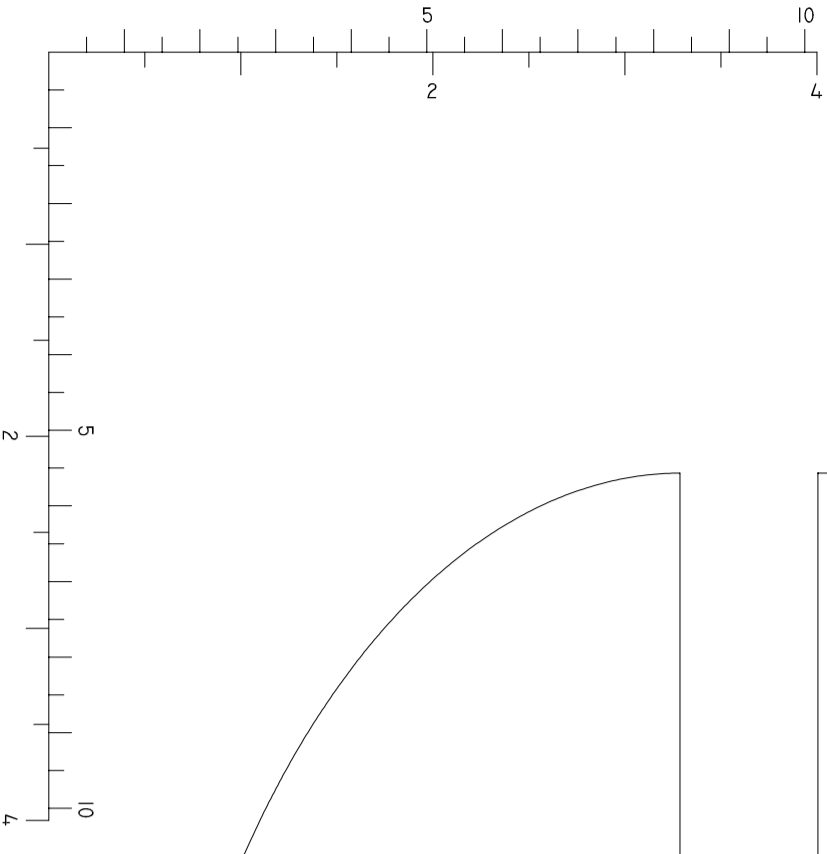
CORD 160

WING FORMING TEMPLATE - HEAT FORM



ELEVATOR  
MATERIAL: XPS-LITE, DEPRON OR FFF (Nom. 6mm)  
1 REQUIRED

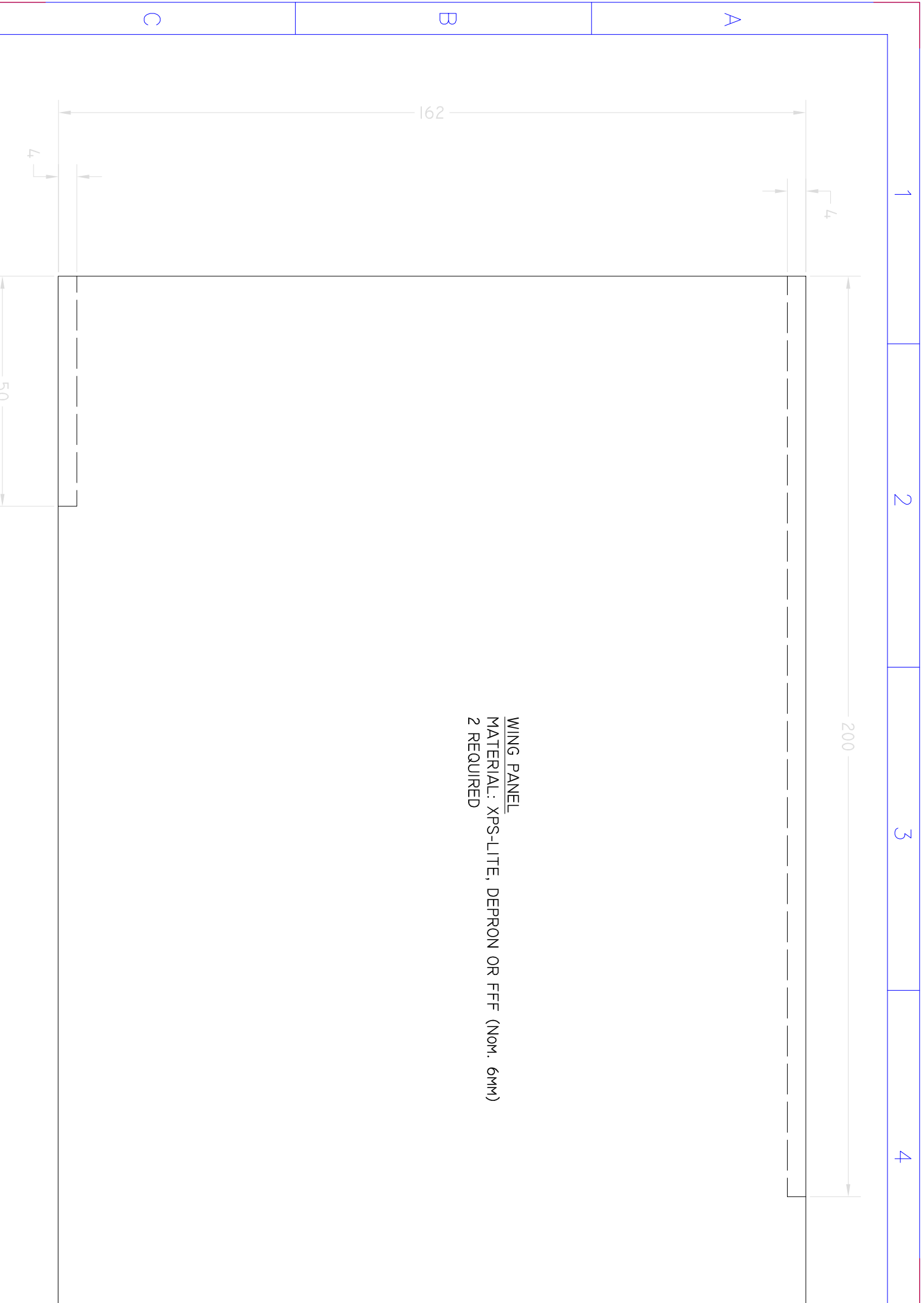
HORIZONTAL STABILISER  
MATERIAL: XPS-LITE, DEPRON OR FFF (Nom. 6mm)  
1 REQUIRED



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F E D C B A

1 2 3 4 5 6 7 8



WING PANEL  
MATERIAL: XPS-LITE, DEPRON OR FFF (Nom. 6mm)  
2 REQUIRED

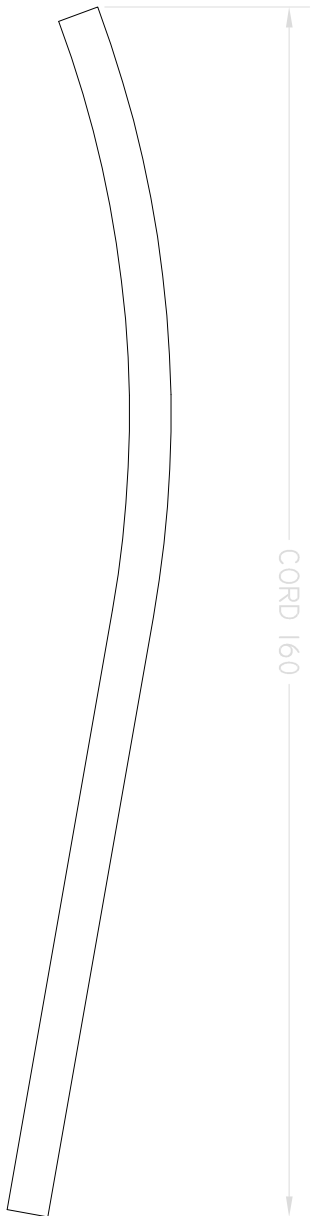
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CORD 160



WING FORMING TEMPLATE - HEAT FORM

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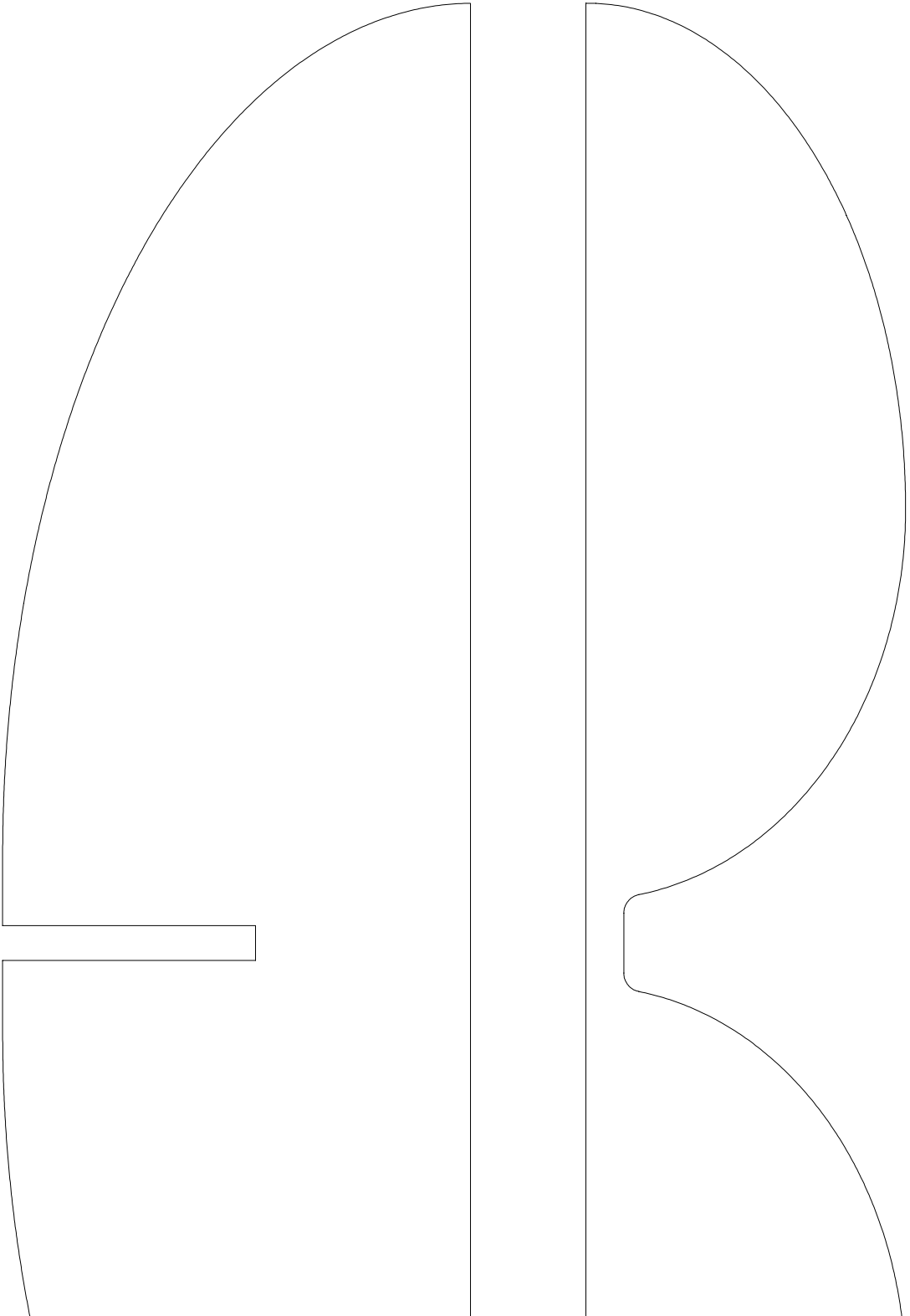
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ELEVATOR  
MATERIAL: XPS-LITE, DEPRON OR FFF (Nom. 6mm)  
I REQUIRED

HORIZONTAL STABILISER  
MATERIAL: XPS-LITE, DEPRON OR FFF (Nom. 6mm)  
I REQUIRED

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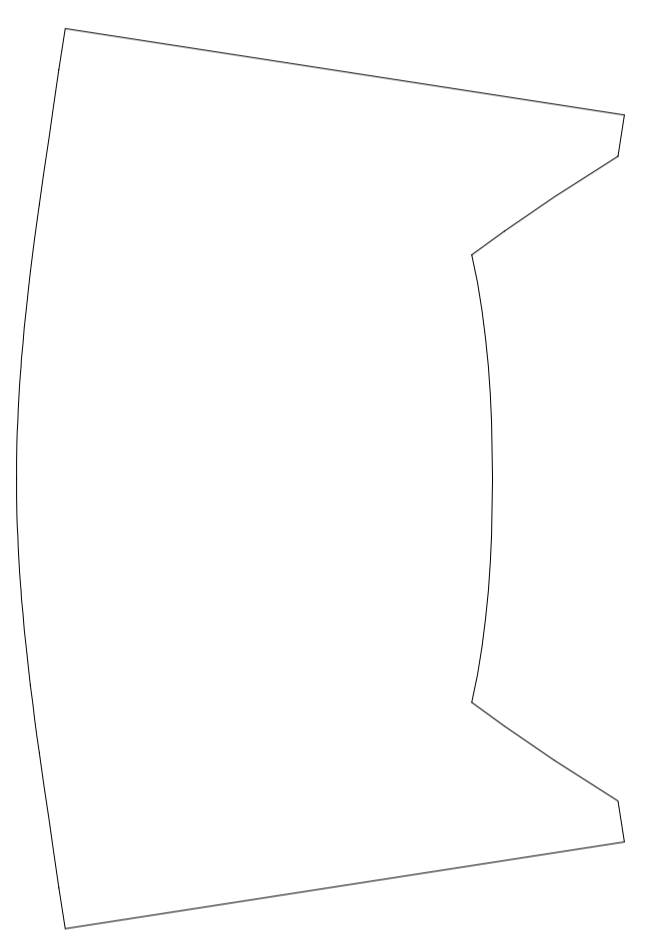
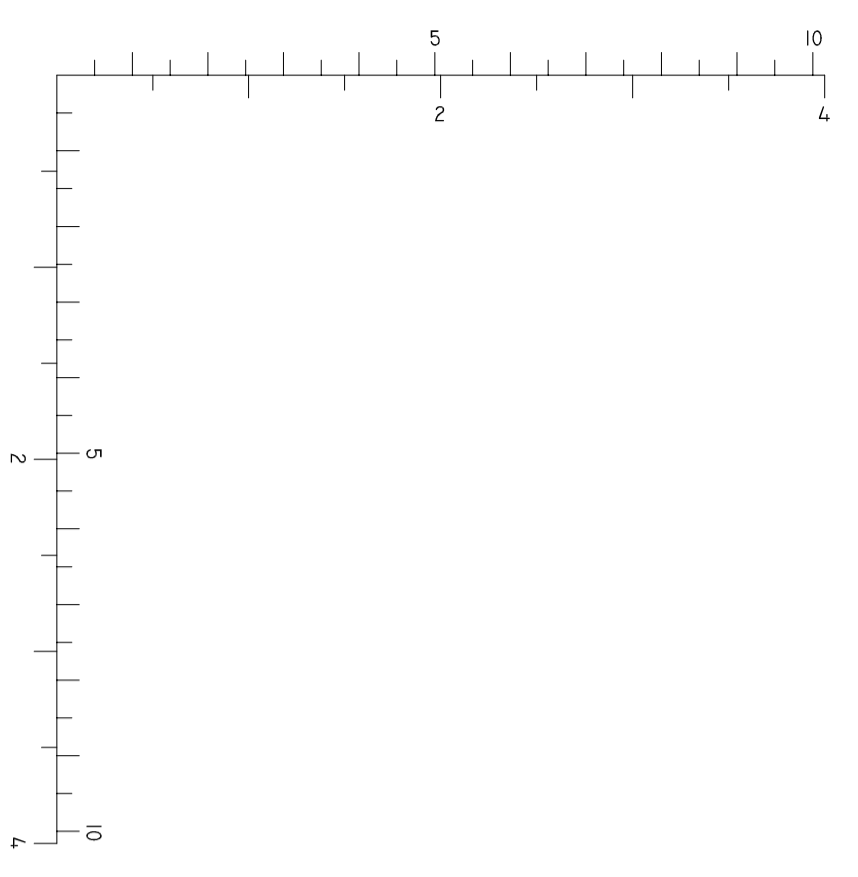
8

F

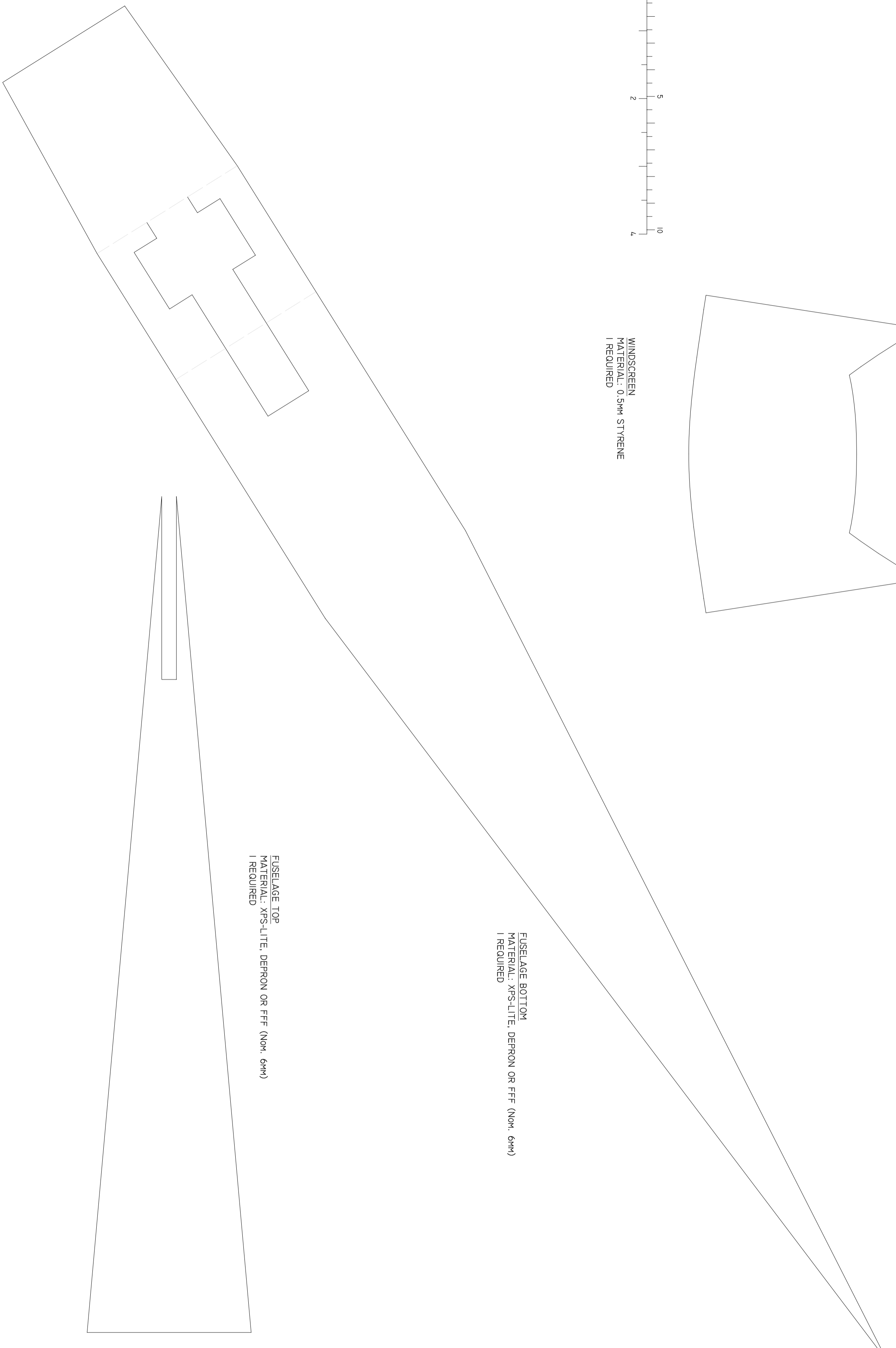
E

D



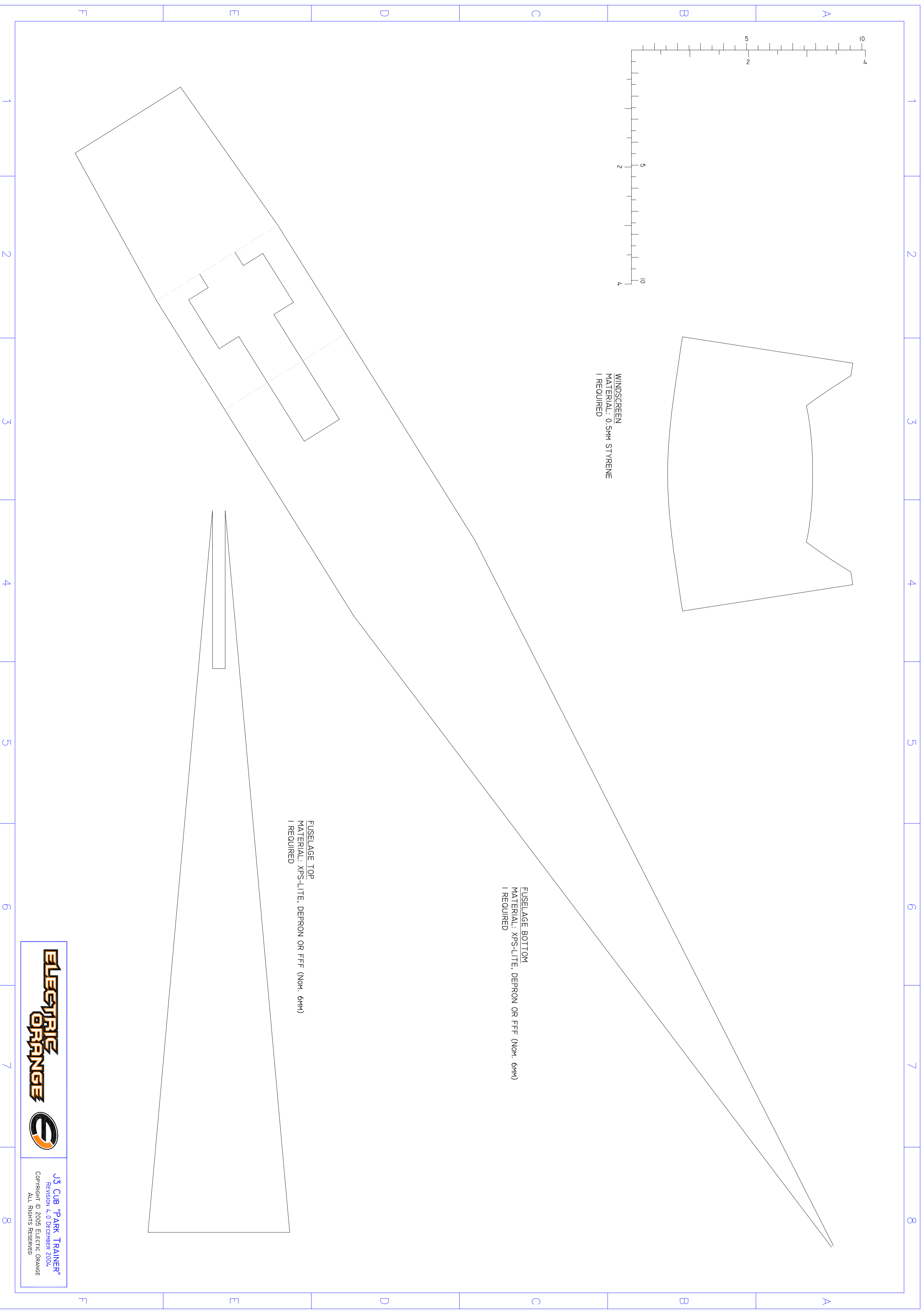


WINDSCREEN  
 MATERIAL: 0.5MM STYRENE  
 1 REQUIRED



FUSELAGE BOTTOM  
 MATERIAL: XPS-LITE, DEPRON OR FFF (Nom. 6MM)  
 1 REQUIRED

FUSELAGE TOP  
 MATERIAL: XPS-LITE, DEPRON OR FFF (Nom. 6MM)  
 1 REQUIRED

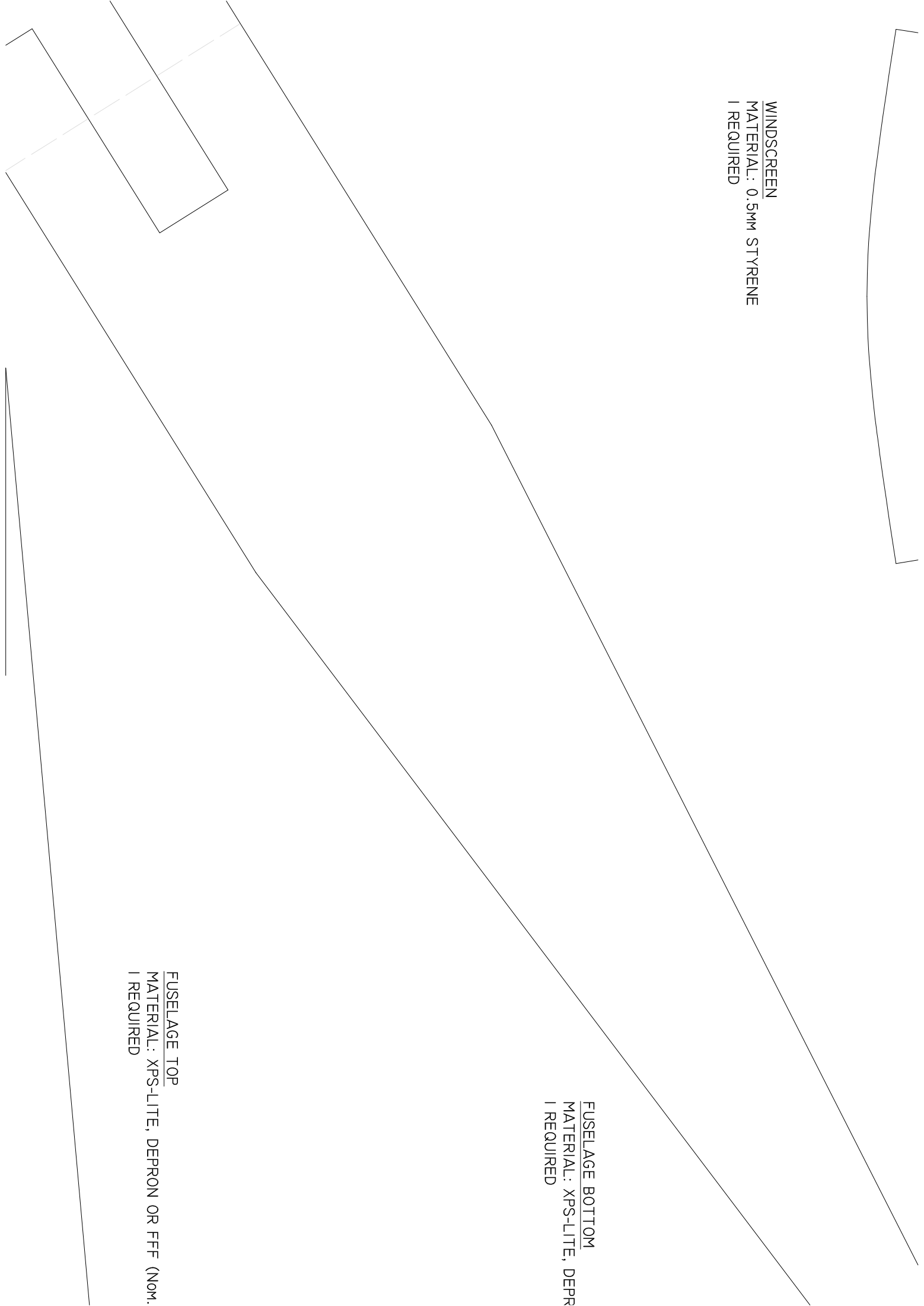


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WINDSCREEN  
MATERIAL: 0.5MM STYRENE  
1 REQUIRED

FUSELAGE BOTTOM  
MATERIAL: XPS-LITE, DEPR  
1 REQUIRED

FUSELAGE TOP  
MATERIAL: XPS-LITE, DEPRON OR FFF (Nom.  
1 REQUIRED

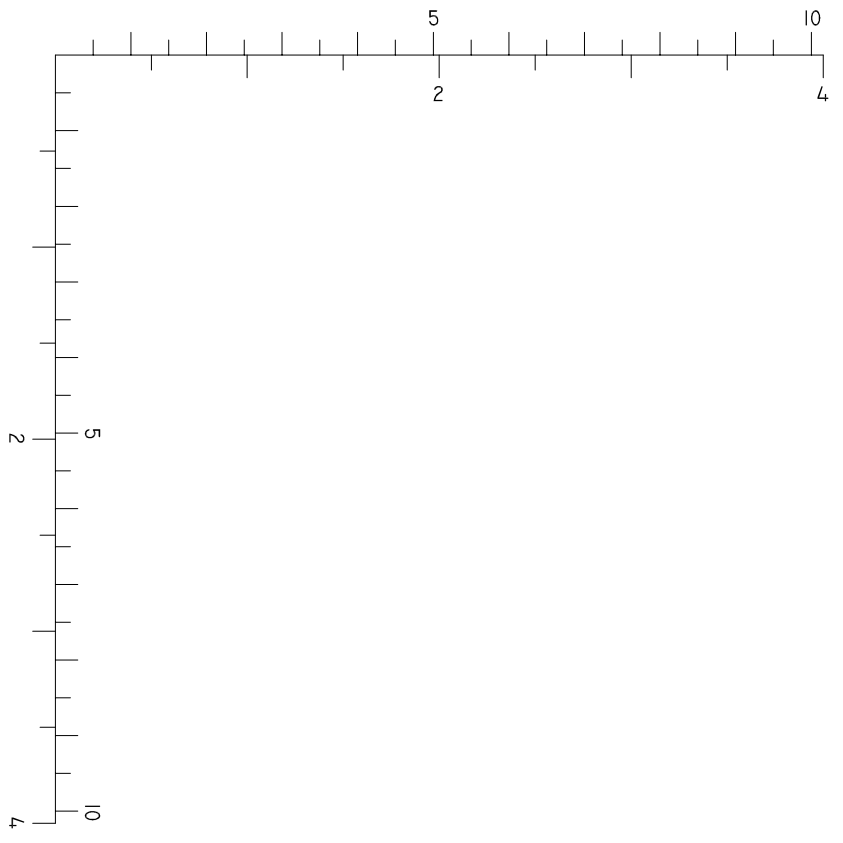


1 2 3 4

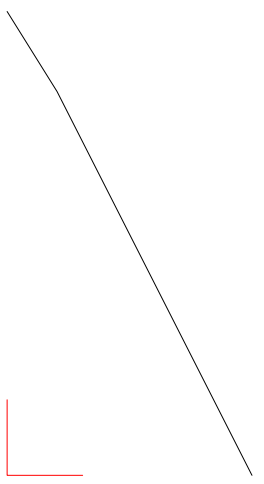
A

B

C



WINDSCREEN  
MATERIAL: 0.5MM STYRENE  
1 REQUIRED



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B

C

FUSELAGE BOTTOM  
MATERIAL: XPS-LITE, DEPRON OR FFF (Nom. 6mm)  
I REQUIRED

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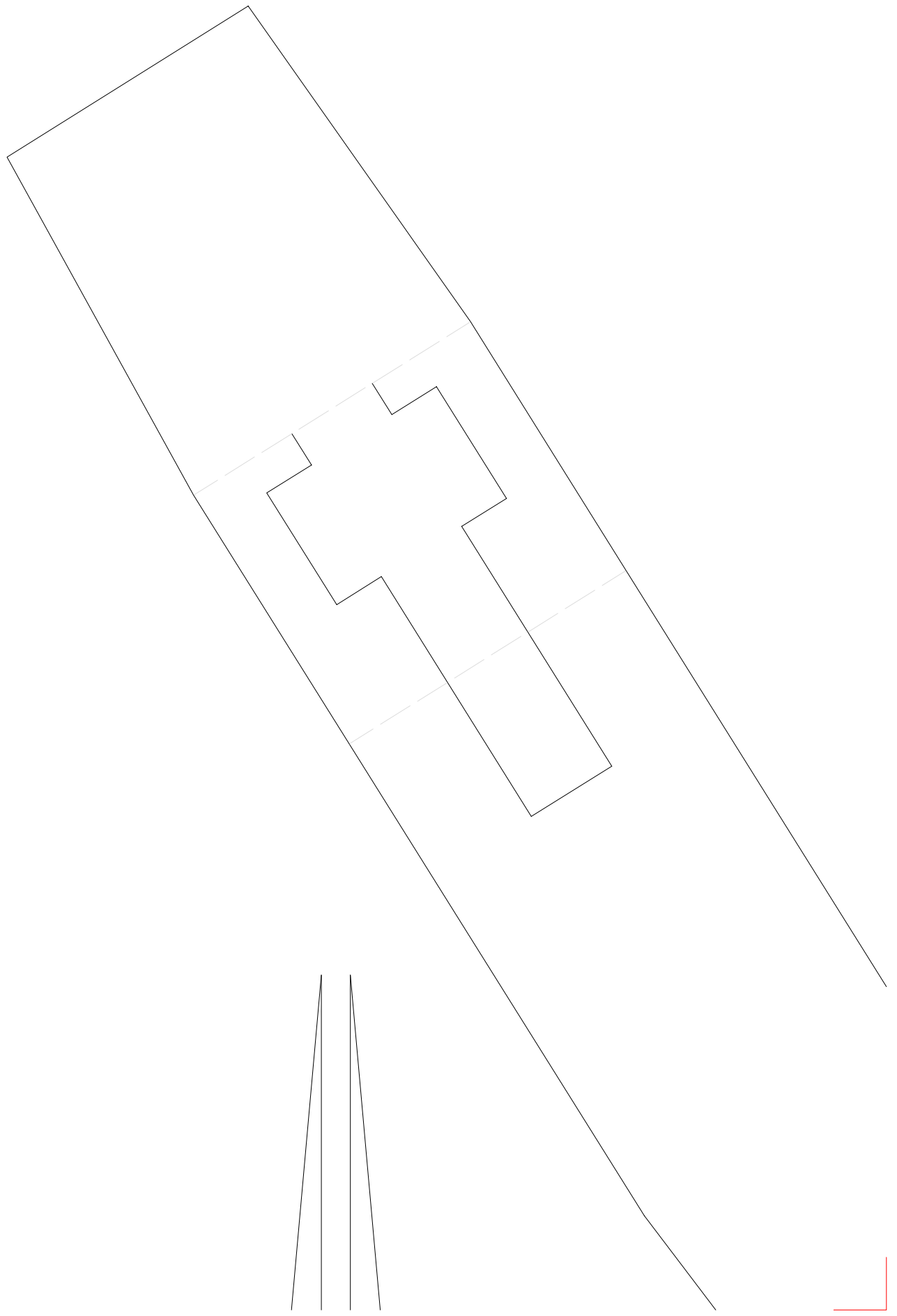
D

1

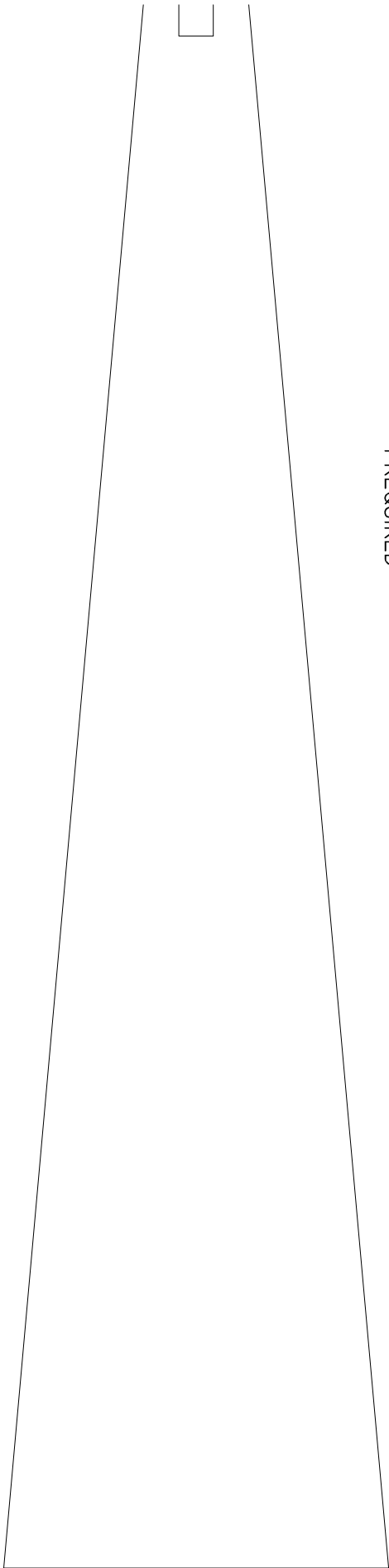
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FUSELAGE TOP  
MATERIAL: XPS-LITE, DEPRON OR FFF (Nom. 6mm)  
I REQUIRED



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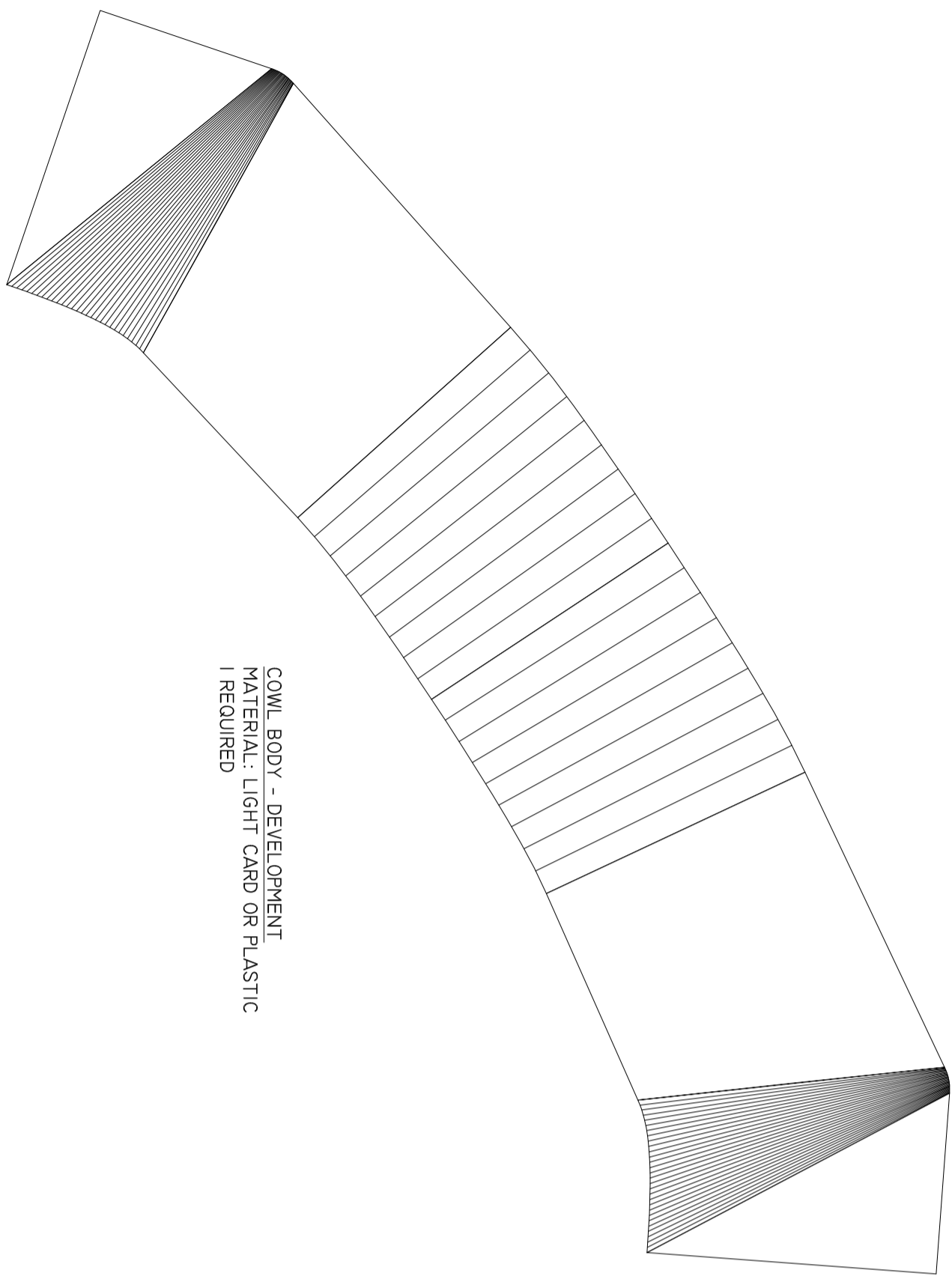
E

D

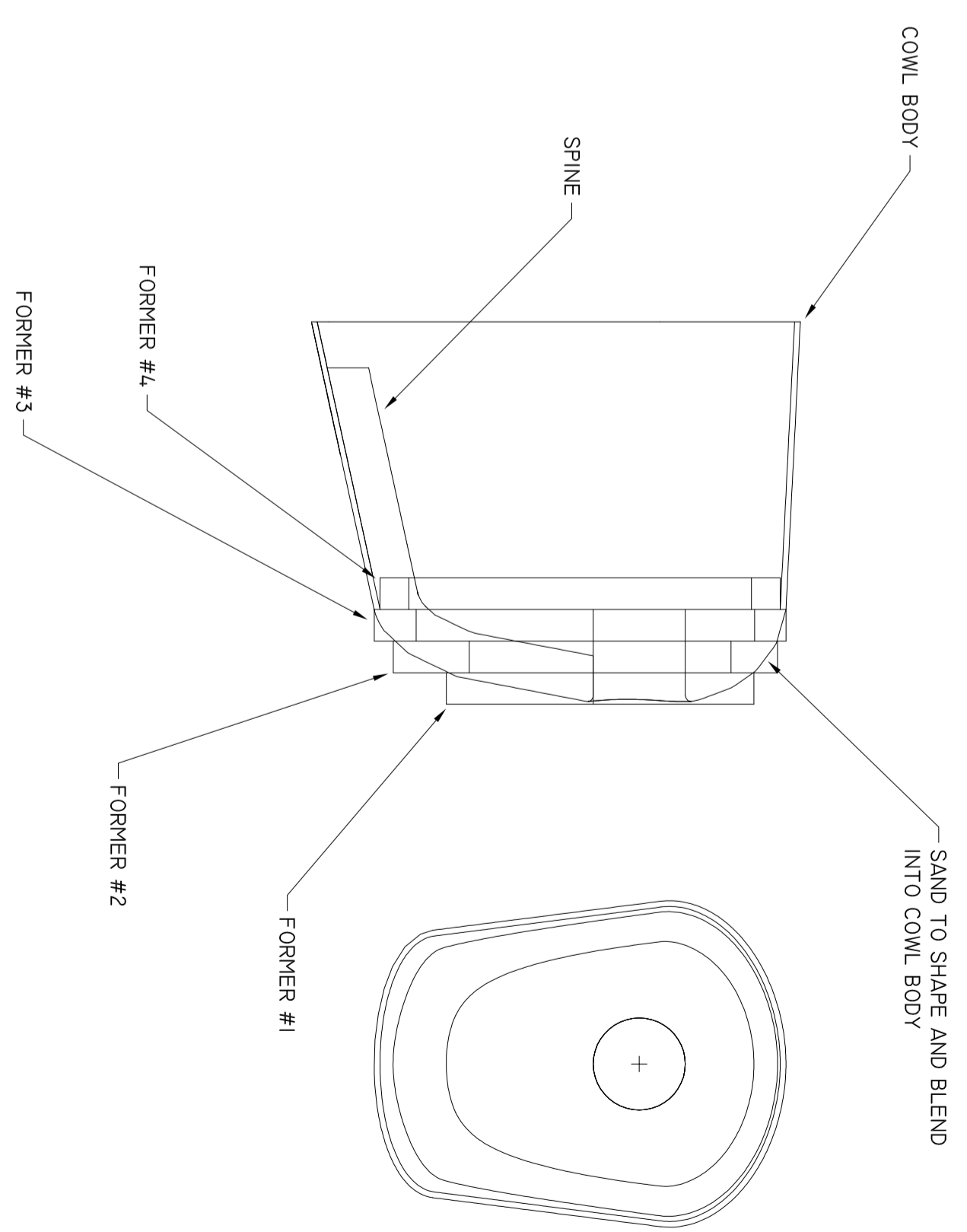
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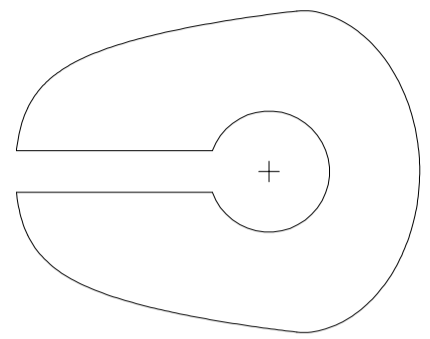
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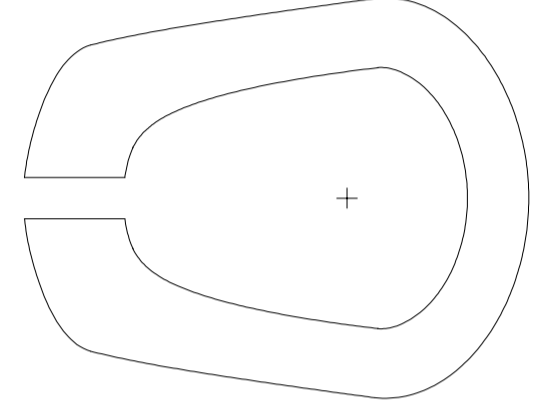
COWL BODY - DEVELOPMENT  
MATERIAL: LIGHT CARD OR PLASTIC  
1 REQUIRED



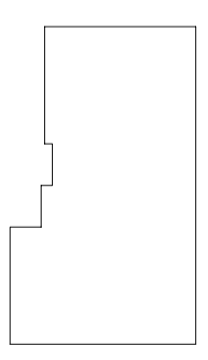
COWL FORMER #1  
MATERIAL: XPS-LITE, DEPRON OR FFF (Nom. 6mm)  
1 REQUIRED



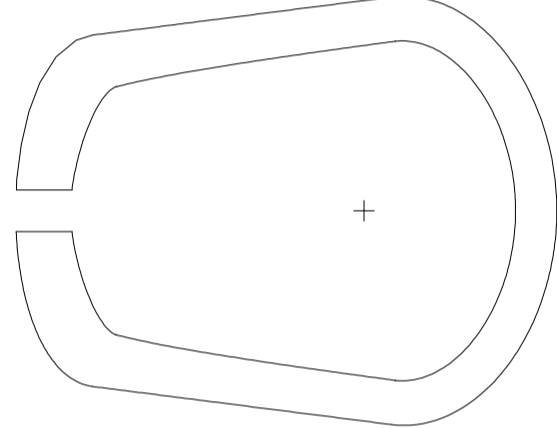
COWL FORMER #2  
MATERIAL: XPS-LITE, DEPRON OR FFF (Nom. 6mm)  
1 REQUIRED



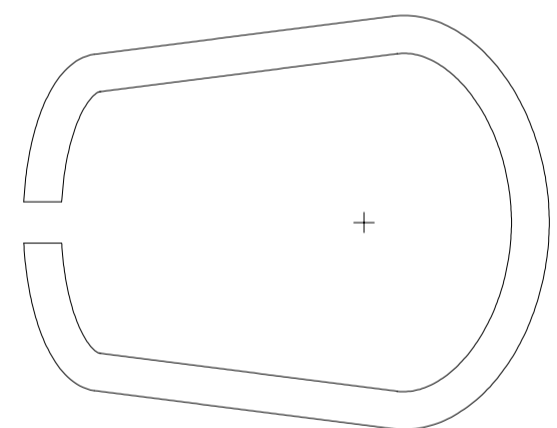
COWL SET-UP GAUGE  
MATERIAL: LIGHT CARD OR PLASTIC  
1 REQUIRED



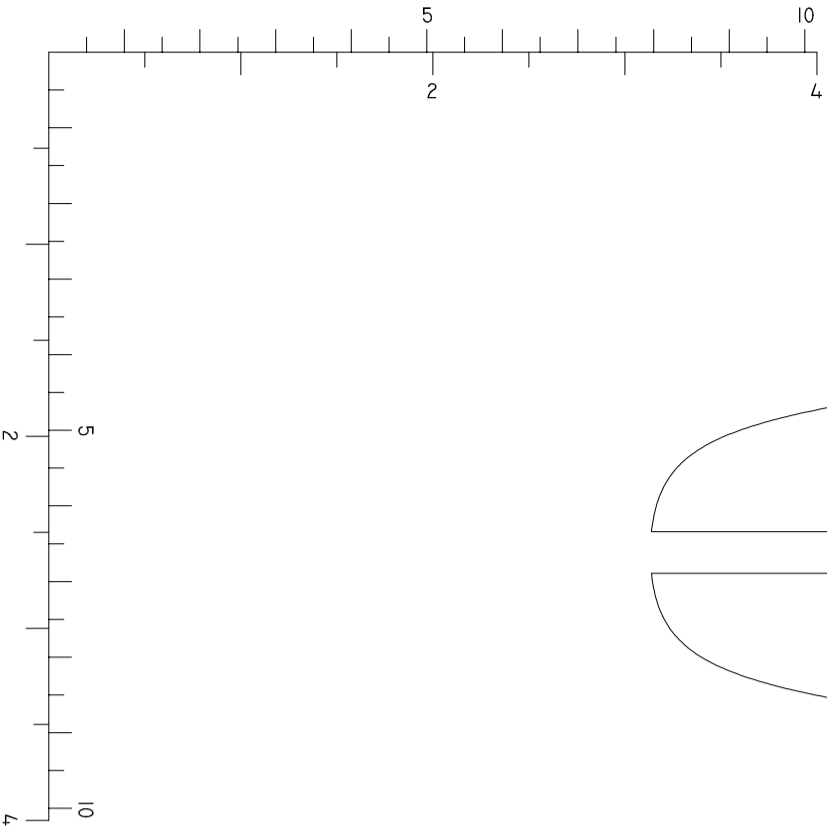
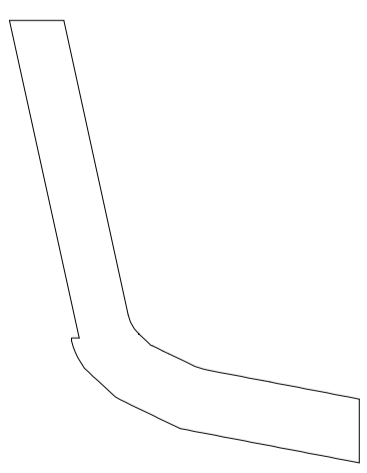
COWL FORMER #2  
MATERIAL: XPS-LITE, DEPRON OR FFF (Nom. 6mm)  
1 REQUIRED



COWL FORMER #4  
MATERIAL: XPS-LITE, DEPRON OR FFF (Nom. 6mm)  
1 REQUIRED



COWL SPINE  
MATERIAL: XPS-LITE, DEPRON OR FFF (Nom. 6mm)  
1 REQUIRED

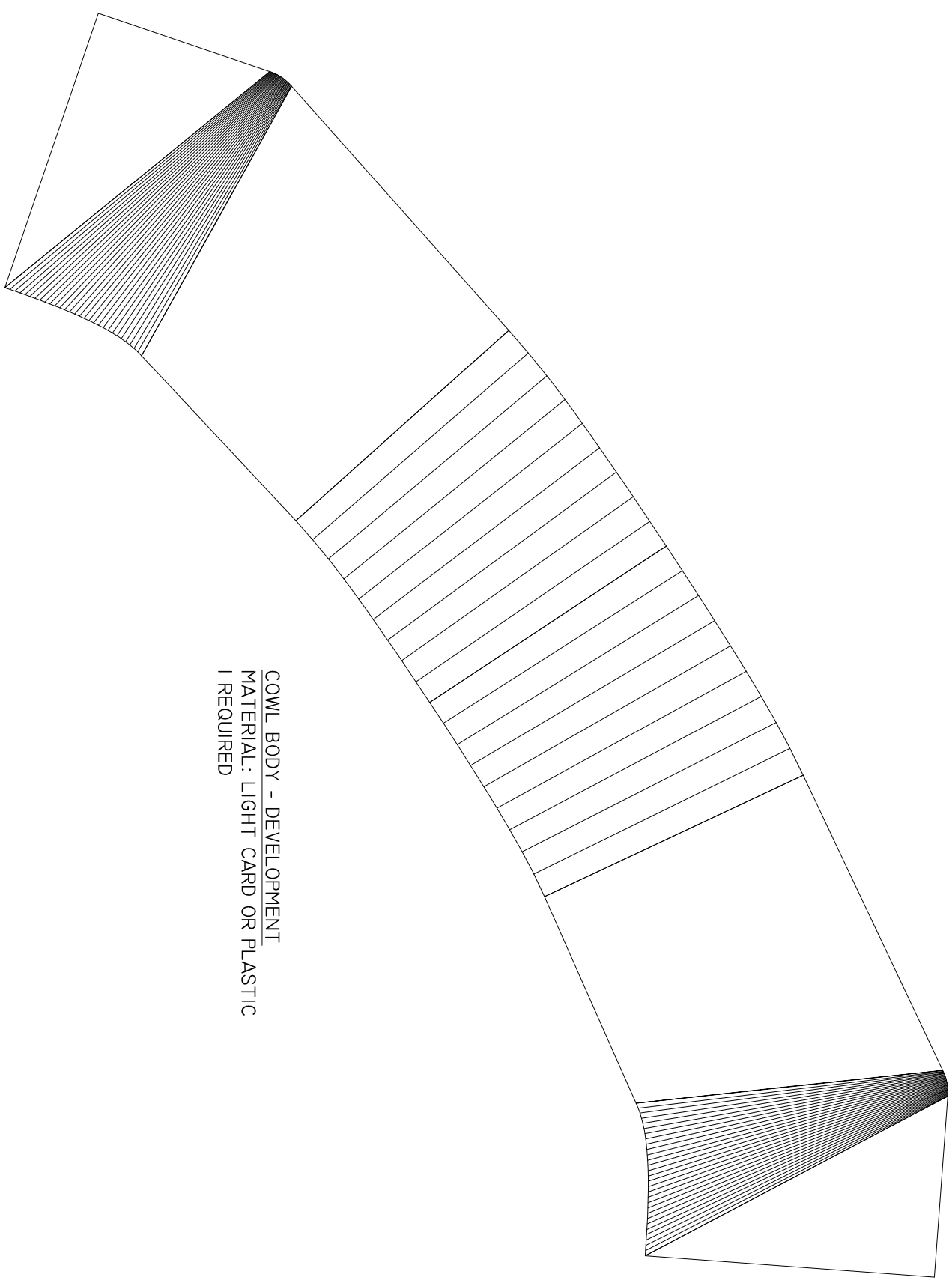


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COWL BODY - DEVELOPMENT  
MATERIAL: LIGHT CARD OR PLASTIC  
1 REQUIRED



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COWL BODY

SPINE

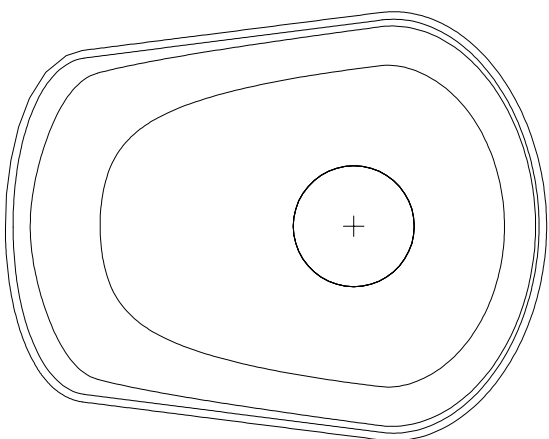
FORMER #4

FORMER #3

FORMER #2

FORMER #1

SAND TO SHAPE AND BLEND INTO COWL BODY



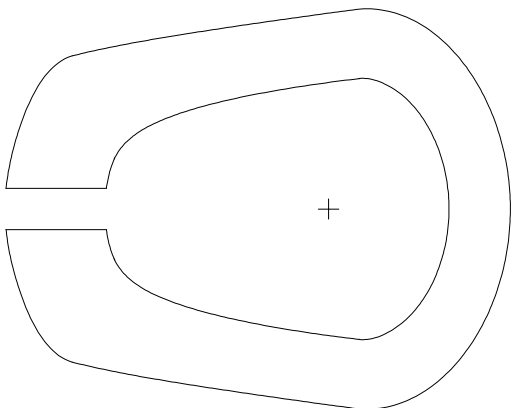
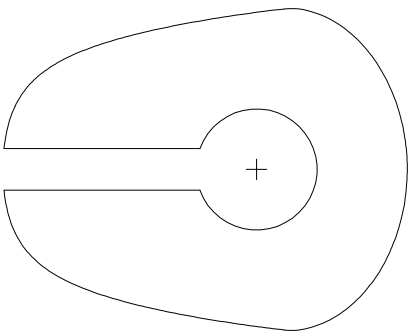
A

B

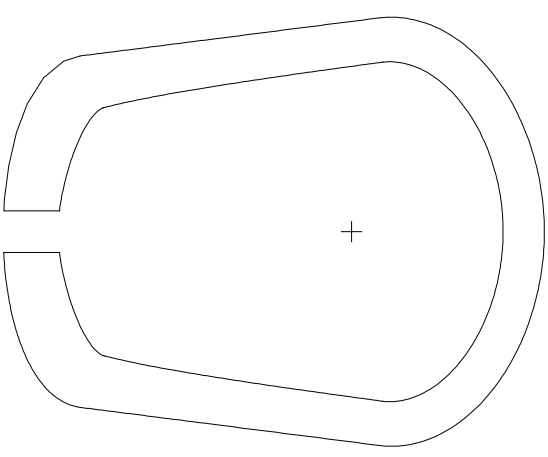
C

D

COWL FORMER #1  
MATERIAL: XPS-LITE, DEPRON OR FFF (Nom. 6mm)  
1 REQUIRED



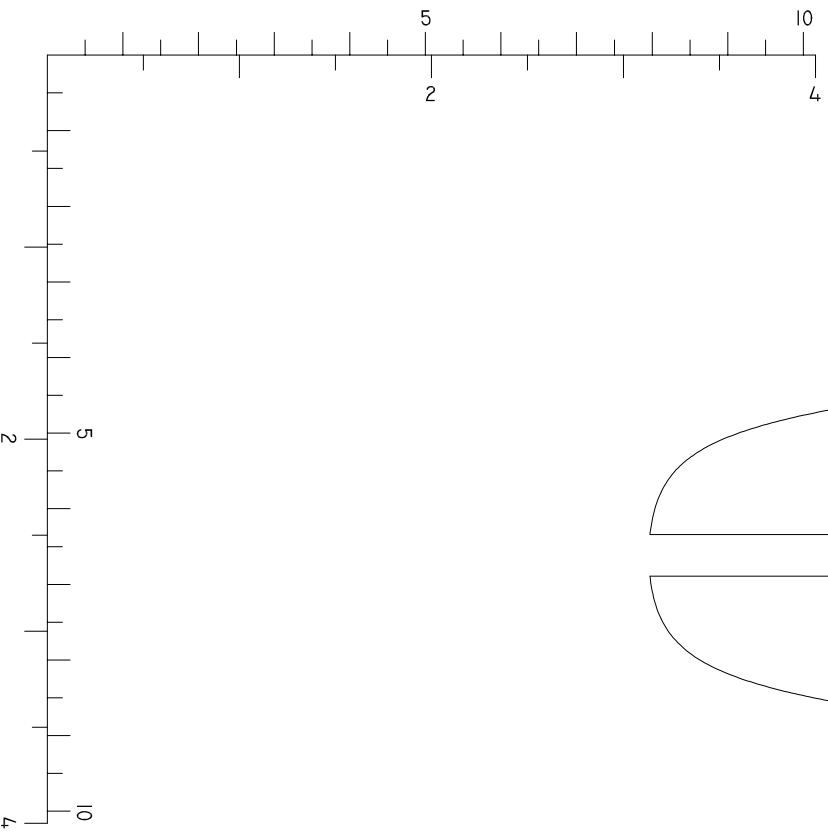
COWL FORMER #2  
MATERIAL: XPS-LITE, DEPRON OR FFF (Nom. 6mm)  
1 REQUIRED



COWL FORMER #2  
MATERIAL: XPS-LITE, DEPRON OR FFF (Nom. 6mm)  
1 REQUIRED

E

F



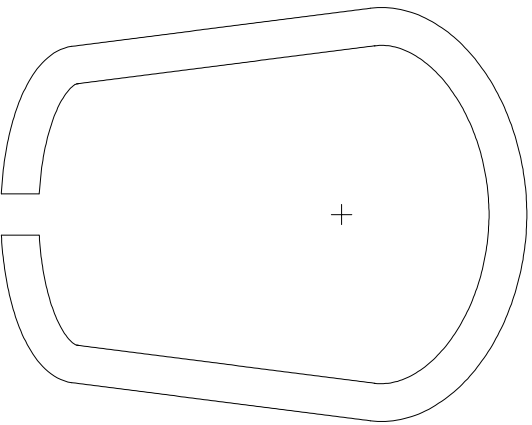
1

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3

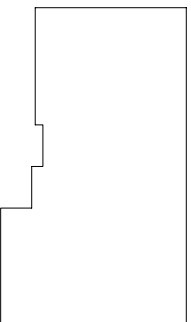
4

1. 6MM)

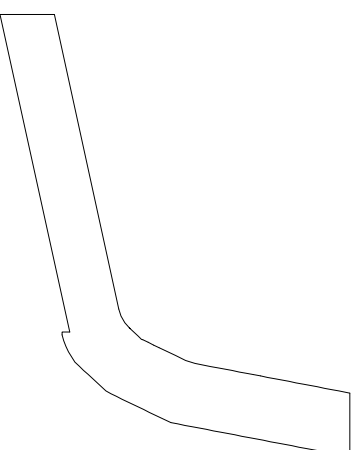


COWL FORMER #4  
MATERIAL: XPS-LITE, DEPRON OR FFF (Nom. 6MM)  
1 REQUIRED

COWL SET-UP GAUGE  
MATERIAL: LIGHT CARD OR PLASTIC  
1 REQUIRED



COWL SPINE  
MATERIAL: XPS-LITE, DEPRON OR FFF (Nom. 6MM)  
1 REQUIRED



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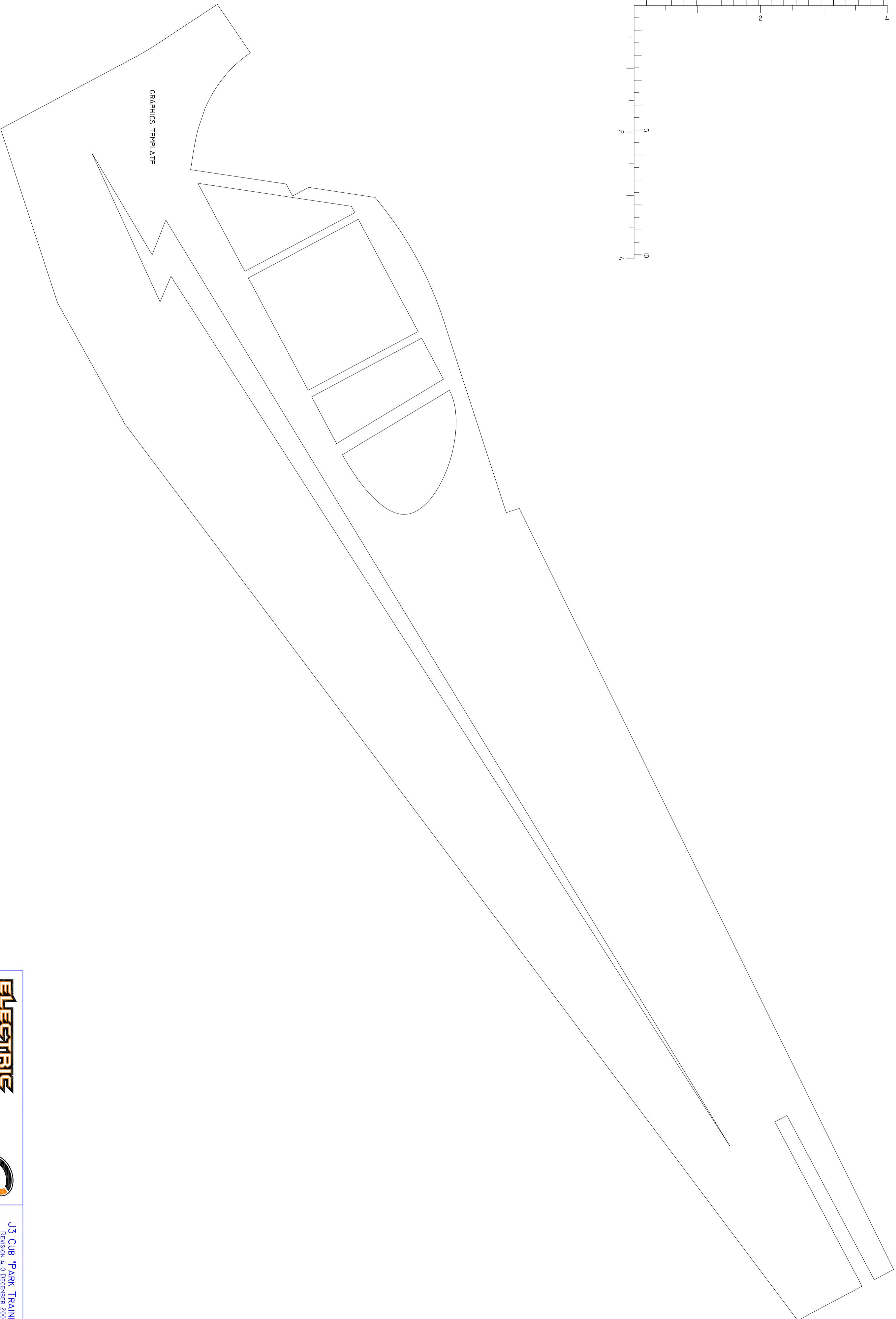
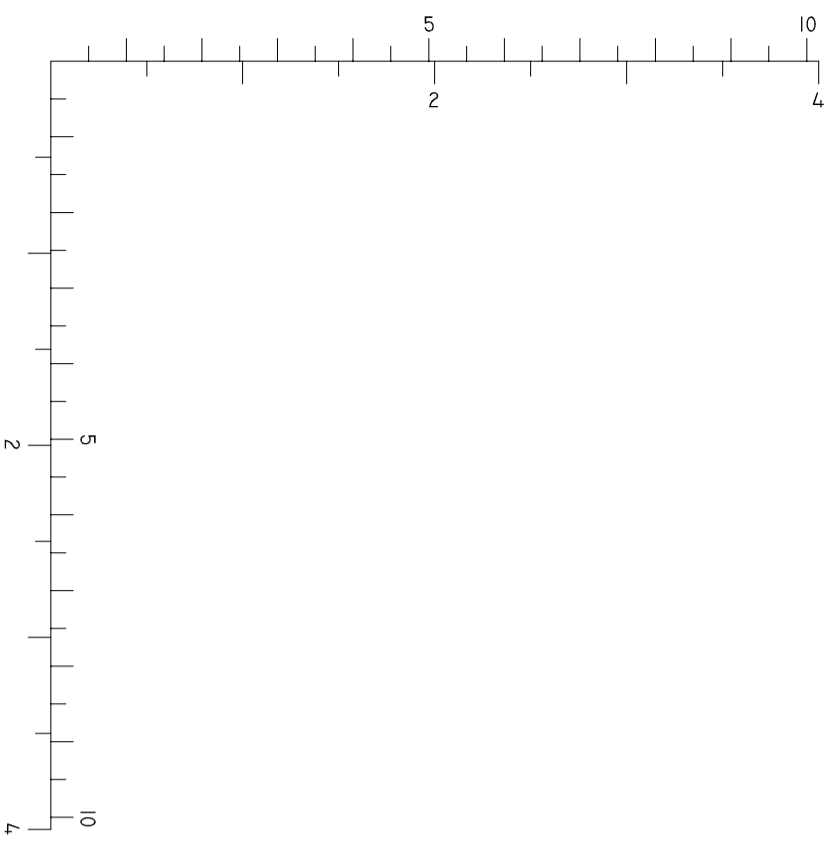


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D

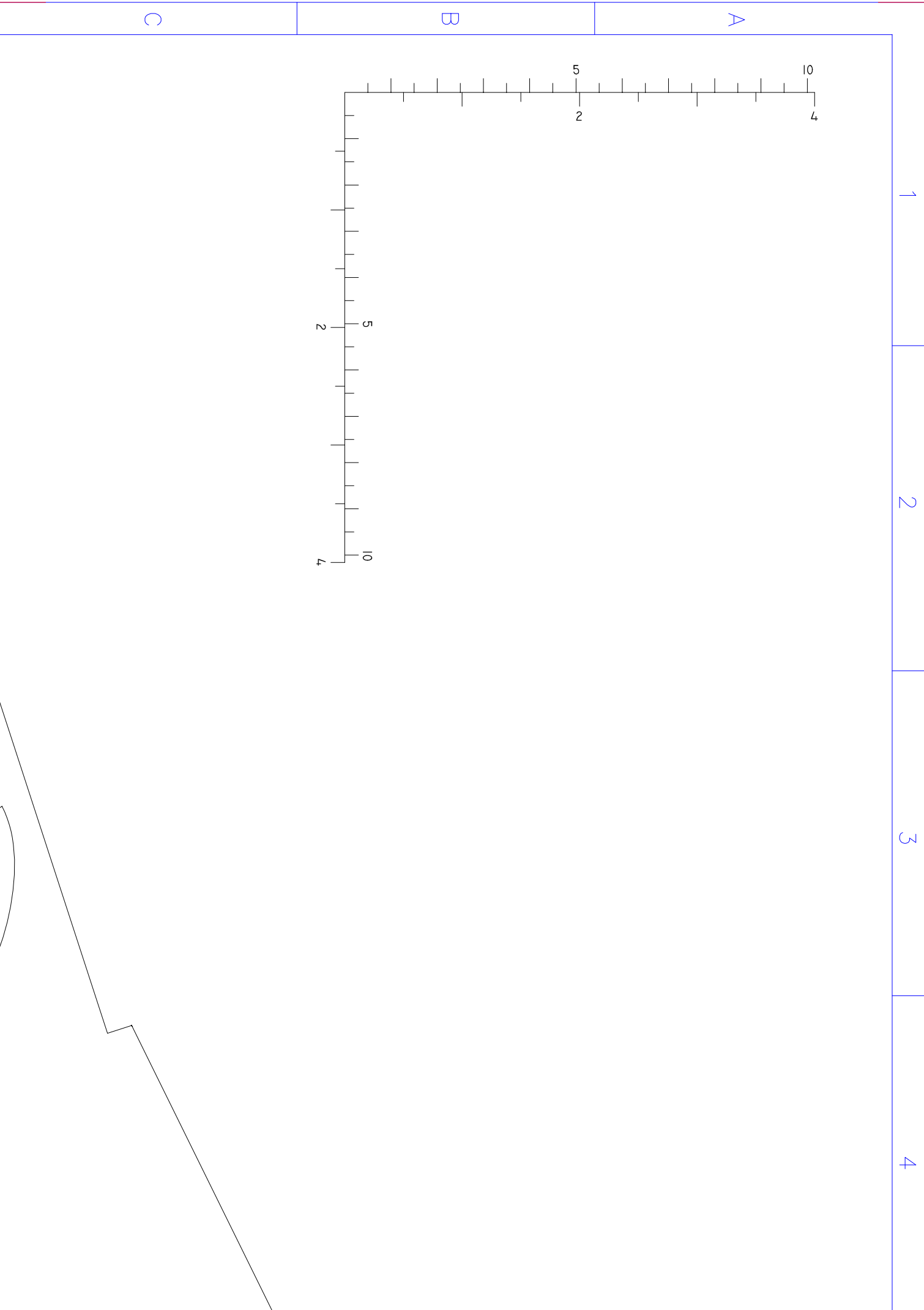


GRAPHICS TEMPLATE

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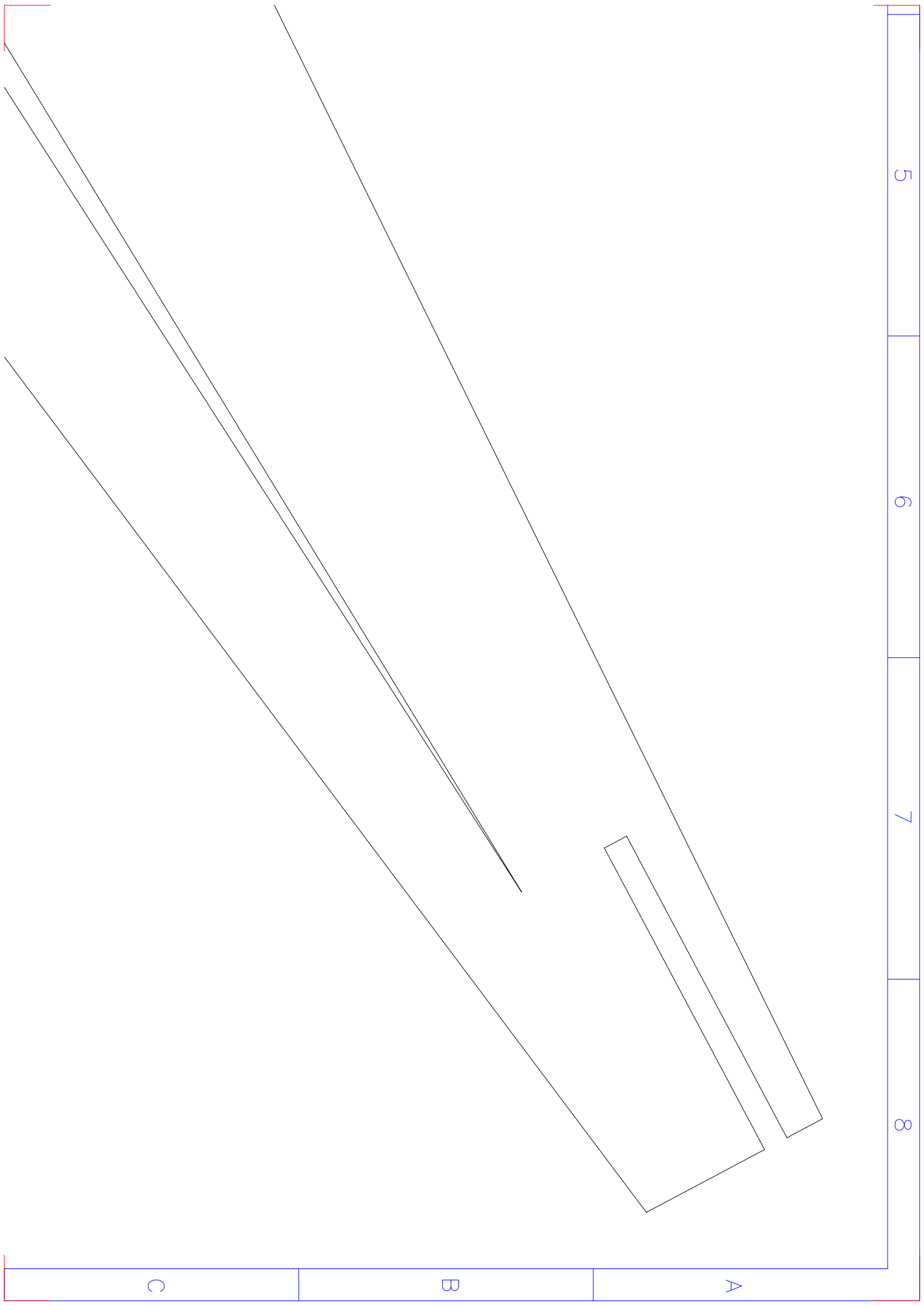
7

8

A

B

C



D

E

F

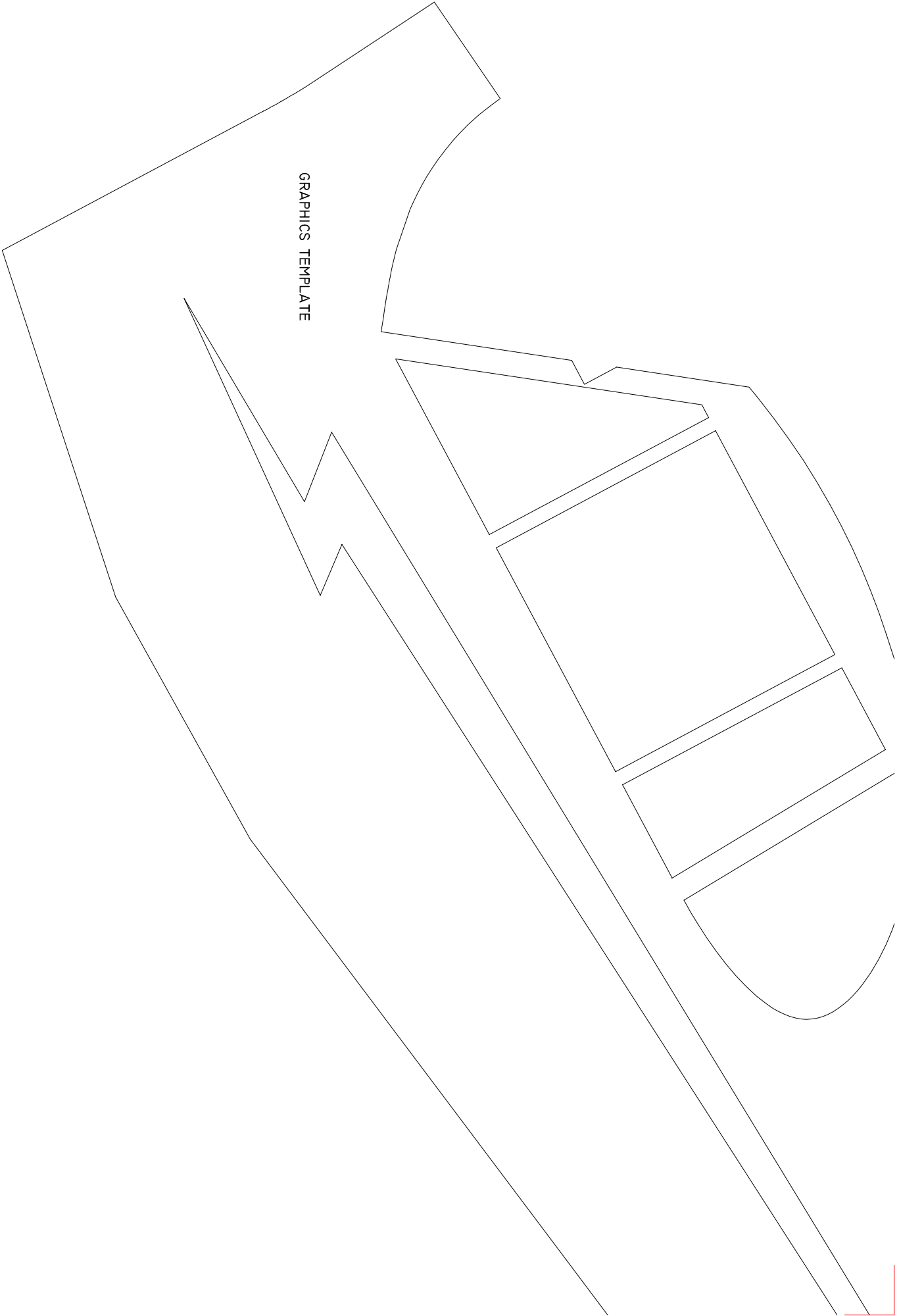
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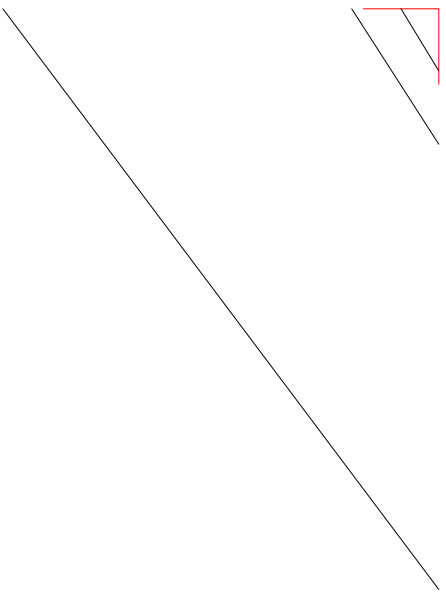
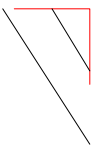
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3

4

GRAPHICS TEMPLATE





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F

E

D