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# FT Corsair

Designed By: John Overstreet  
in collaboration with Flite Test  
Drawing By: Dan Sponholz  
Version: 1.0  
Date: 2019.03.09

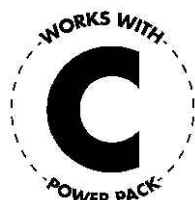
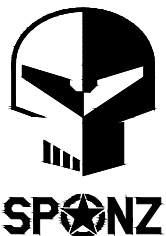


## GENERAL SPECIFICATIONS:

LENGTH:	30.75 in		781 mm
CG:	2.00 in		50.8 mm
WINGSPAN:	46.00 in		1168 mm
WING AREA:	355.5 in <sup>2</sup>		22.9 dm <sup>2</sup>
DRY WEIGHT:	26.0 oz.		737 g
ALL UP WEIGHT:	36.0 oz.		1020 g
WING LOADING:	14.6 oz/ft <sup>2</sup>		44.6 g/dm <sup>2</sup>
WCL:	9.3		
THROWS:	12°		
EXPO:	30%		
CHANNELS:	4 [THR   AIL   ELE   RUD]		

## RECOMMENDED ELECTRONICS:

MOTOR:	2218B 1080 kv
PROPELLER:	10 x 4.7
ESC:	35A min.
SERVOS:	4 x 9 g
BATTERY:	2200-2800 mAh 3S or 4S



## BUILD SKILL LEVEL:

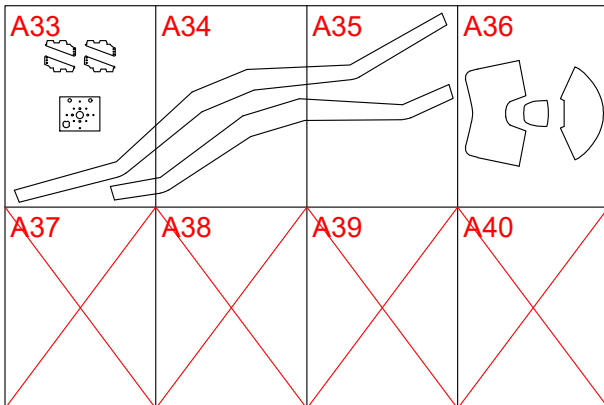
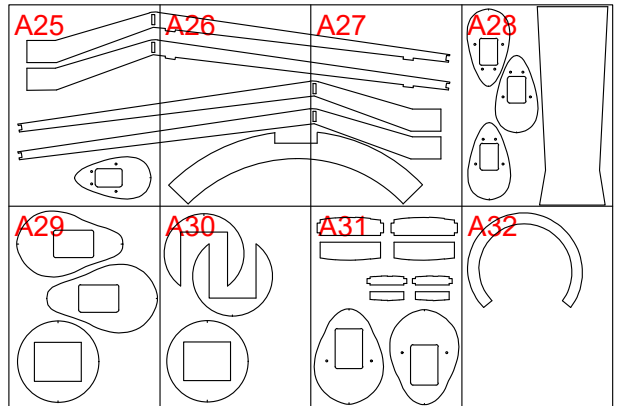
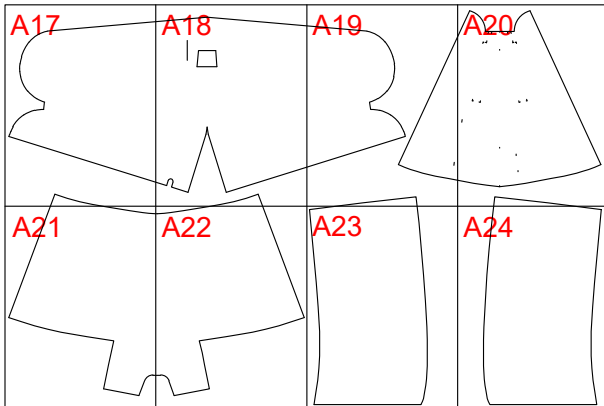
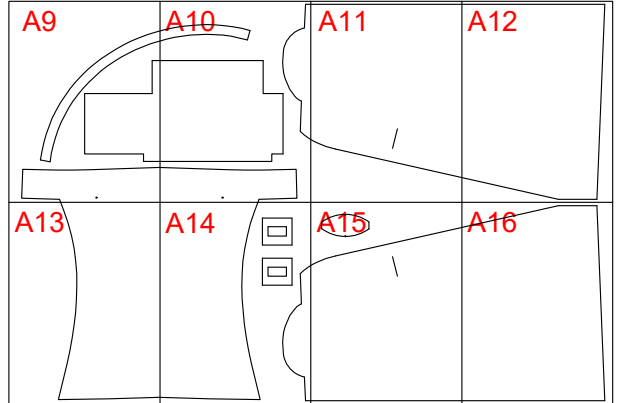
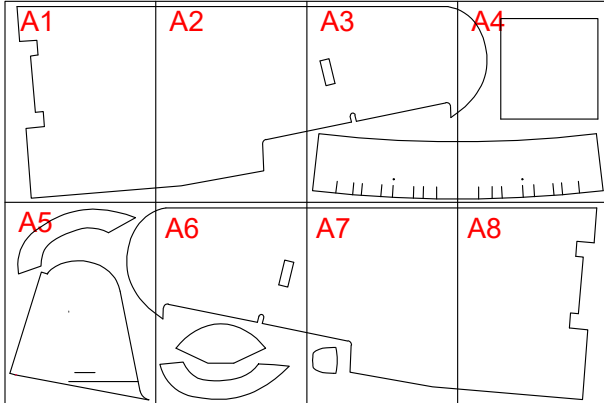


## PILOT SKILL LEVEL:





# FT Corsair: Tile A Key

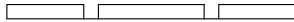
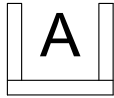




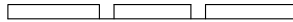
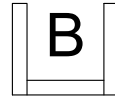
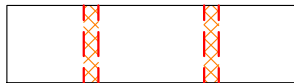
# Drawing Key



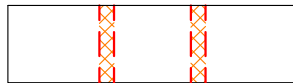
## FOLD TYPES



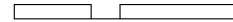
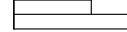
A - FOLD (ABOVE)



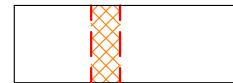
B - FOLD (BESIDE)



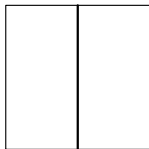
C



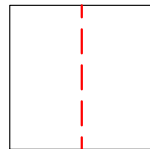
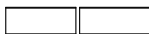
C - FOLD (COVER)



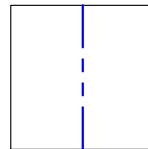
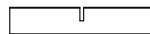
## LINE TYPE/COLOR



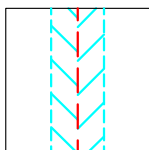
CUT



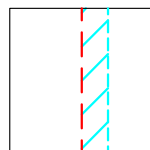
50% SCORE



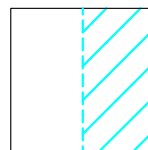
CREASE



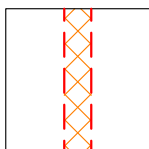
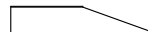
45° DOUBLE BEVEL



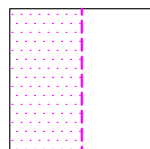
45° SINGLE BEVEL



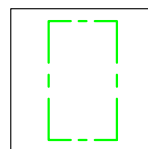
EDGE BEVEL



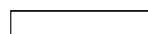
CAVITY



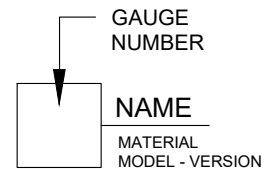
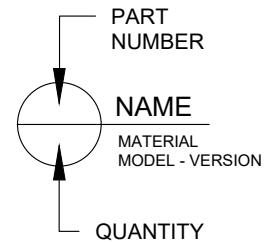
REMOVE PAPER



REFERENCE/  
OPTIONAL

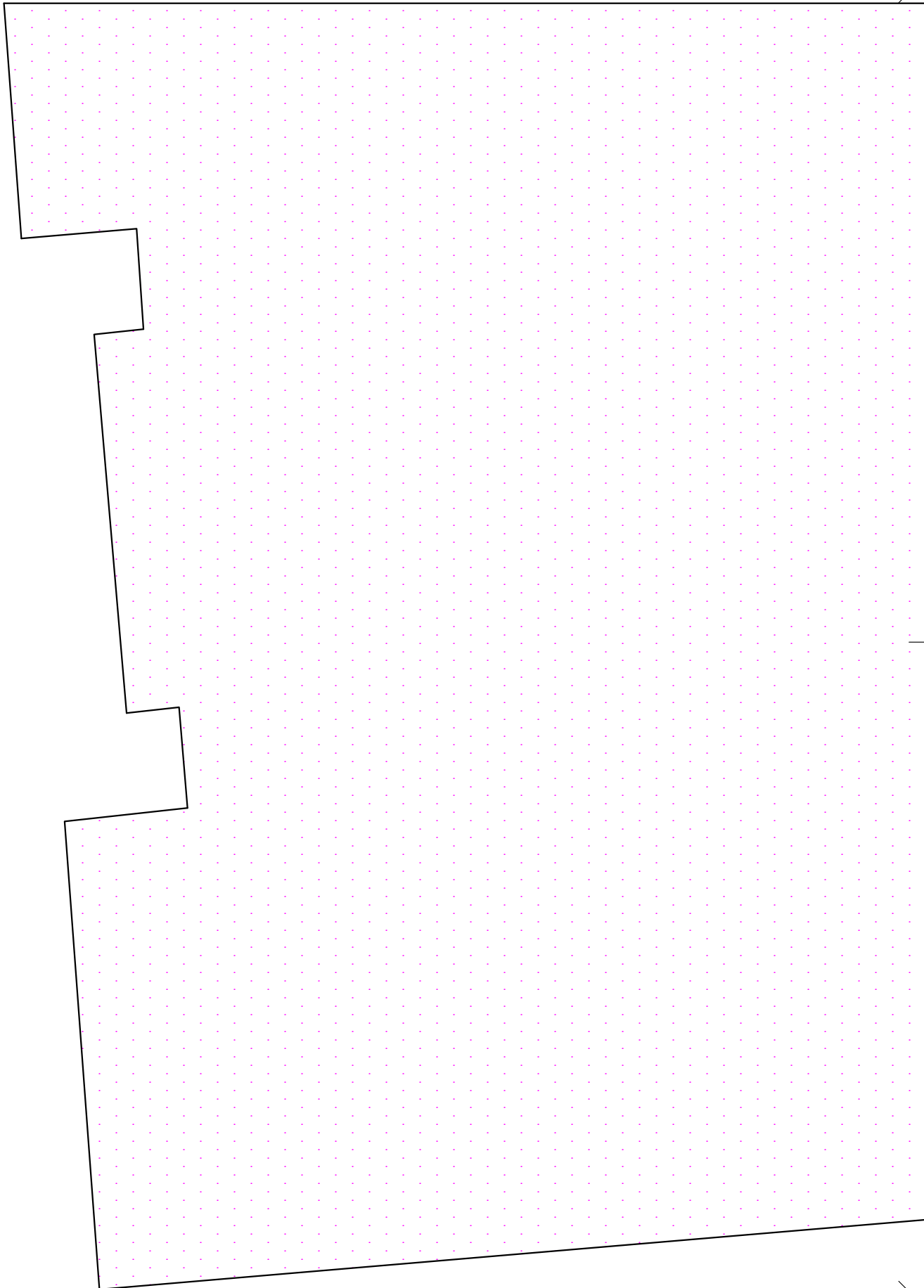


## SYMBOLS





IN  
CM





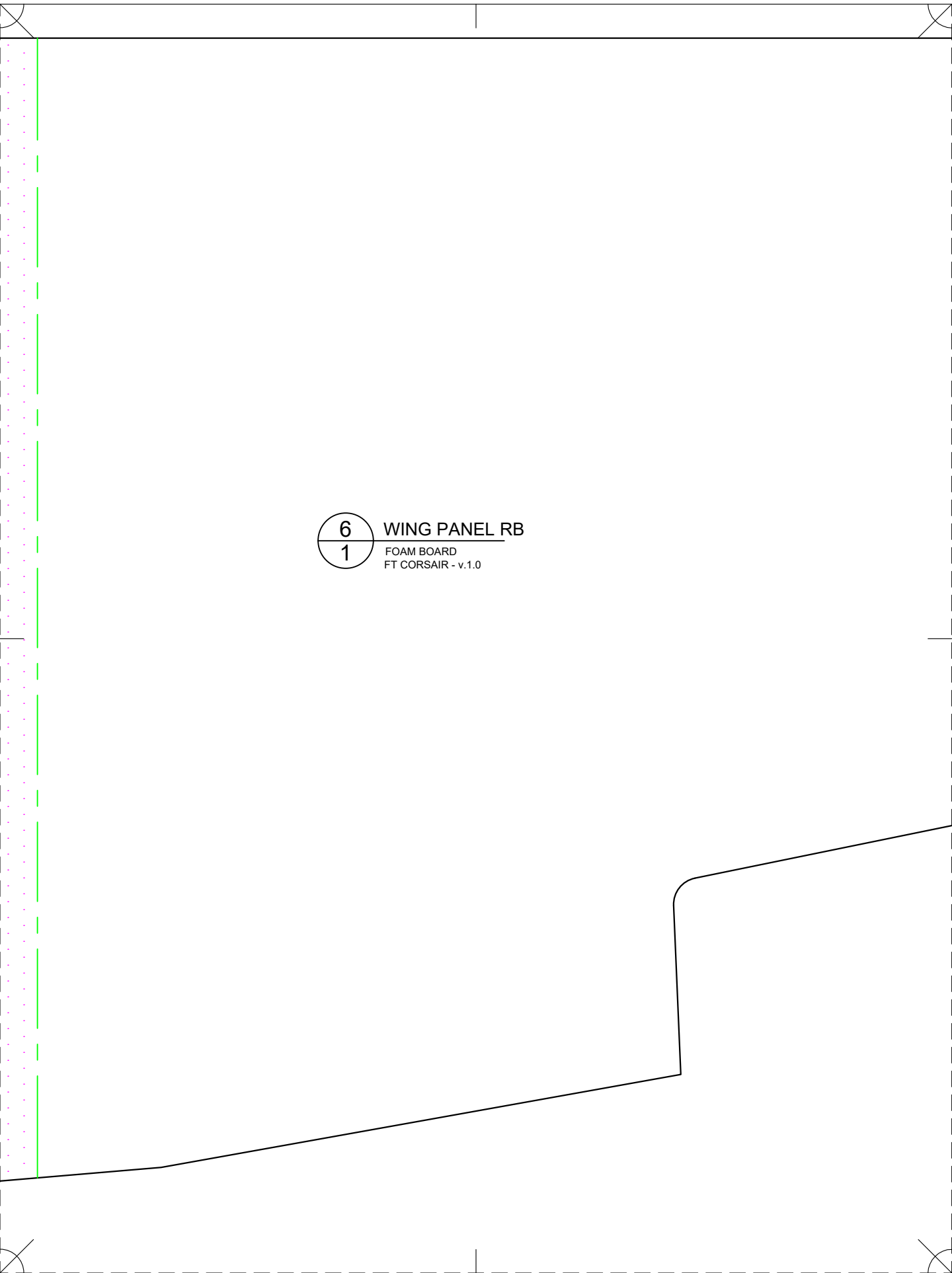
IN  
CM



**6**  
**1**

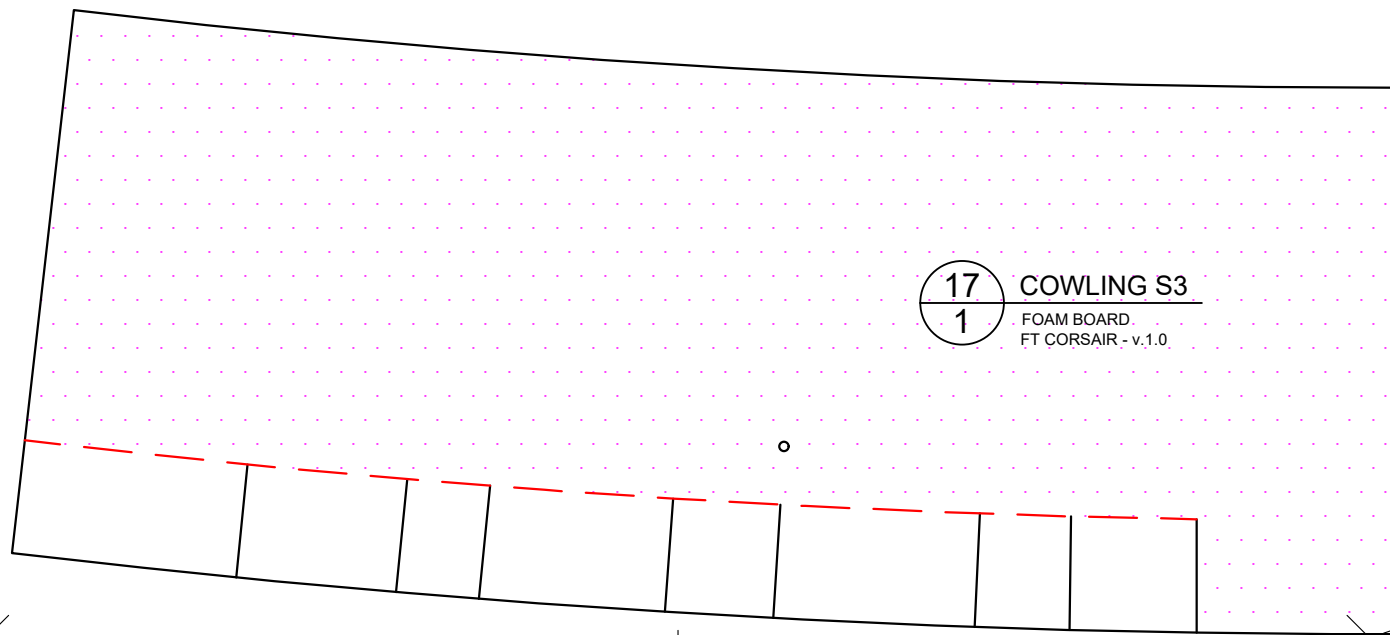
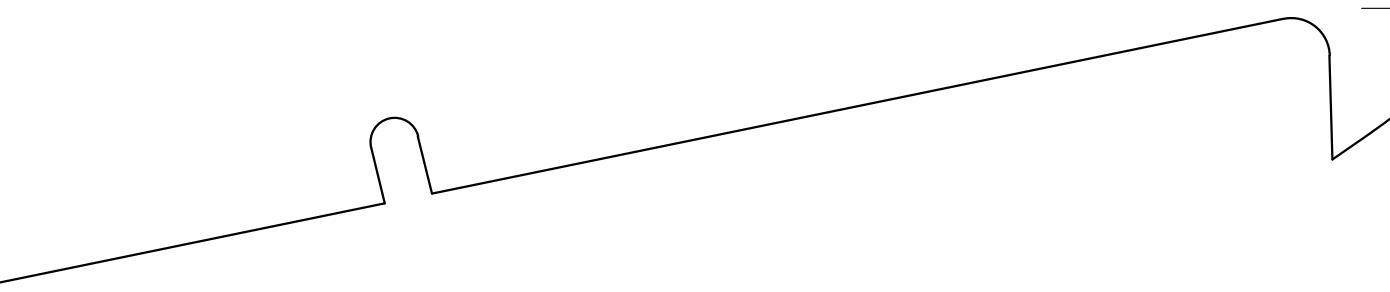
**WING PANEL RB**

FOAM BOARD  
FT CORSAIR - v.1.0



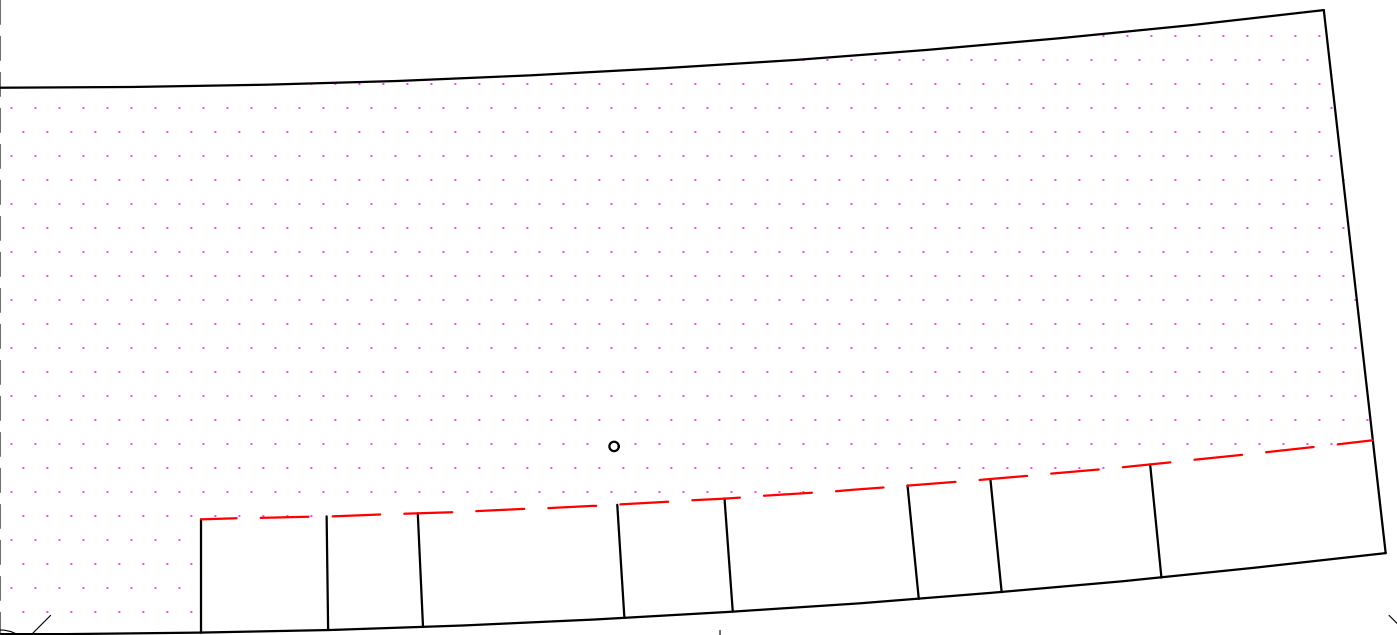
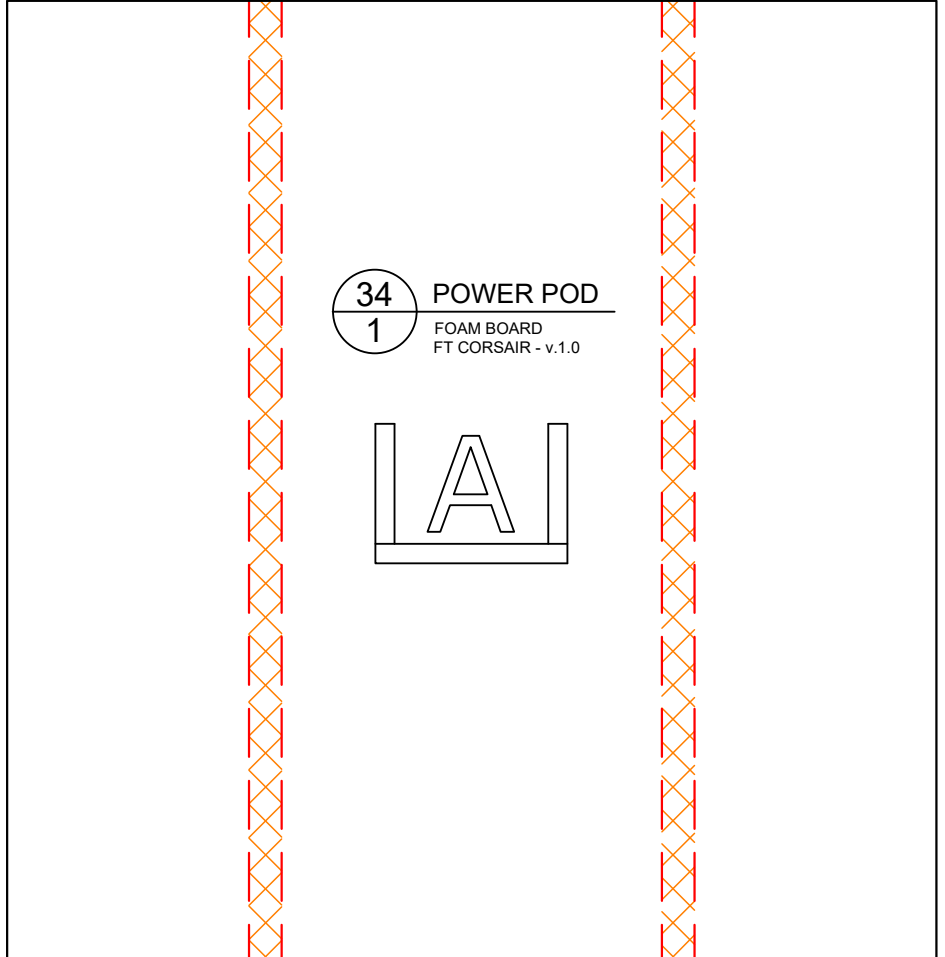
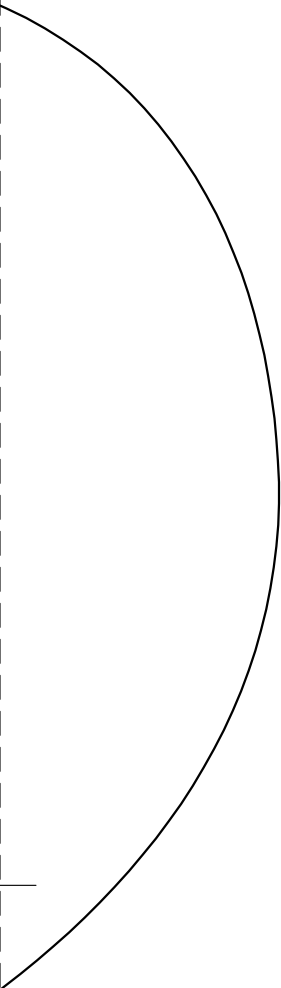


SAVE FOR  
WING SPACER



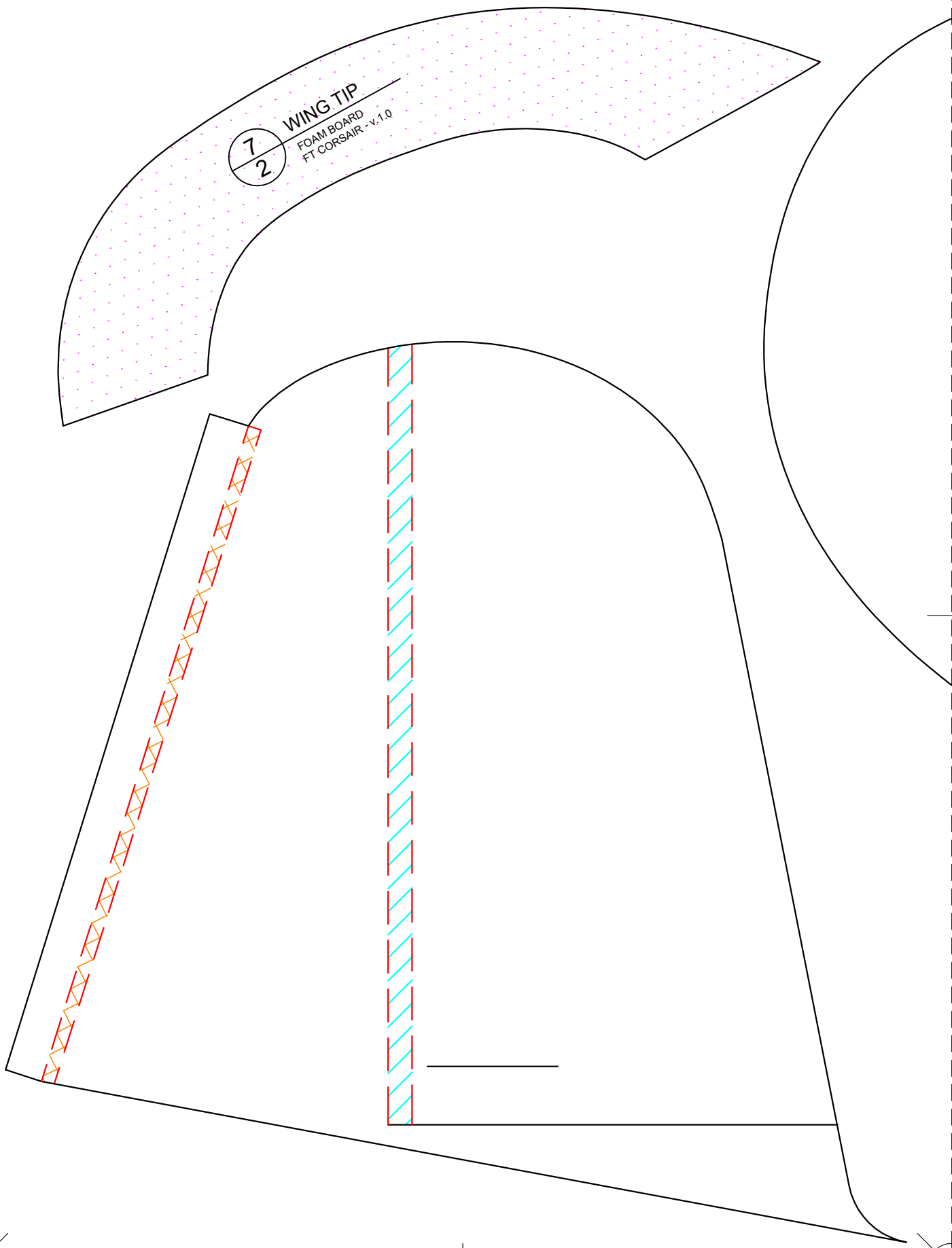
17  
1

**COWLING S3**  
FOAM BOARD  
FT CORSAIR - v.1.0



7  
2

WING TIP  
FOAM BOARD  
FT CORSAIR - v.1.0





SAVE FOR  
WING SPACER

31  
1 CANOPY 1  
FOAM BOARD  
FT CORSAIR - v.1.0

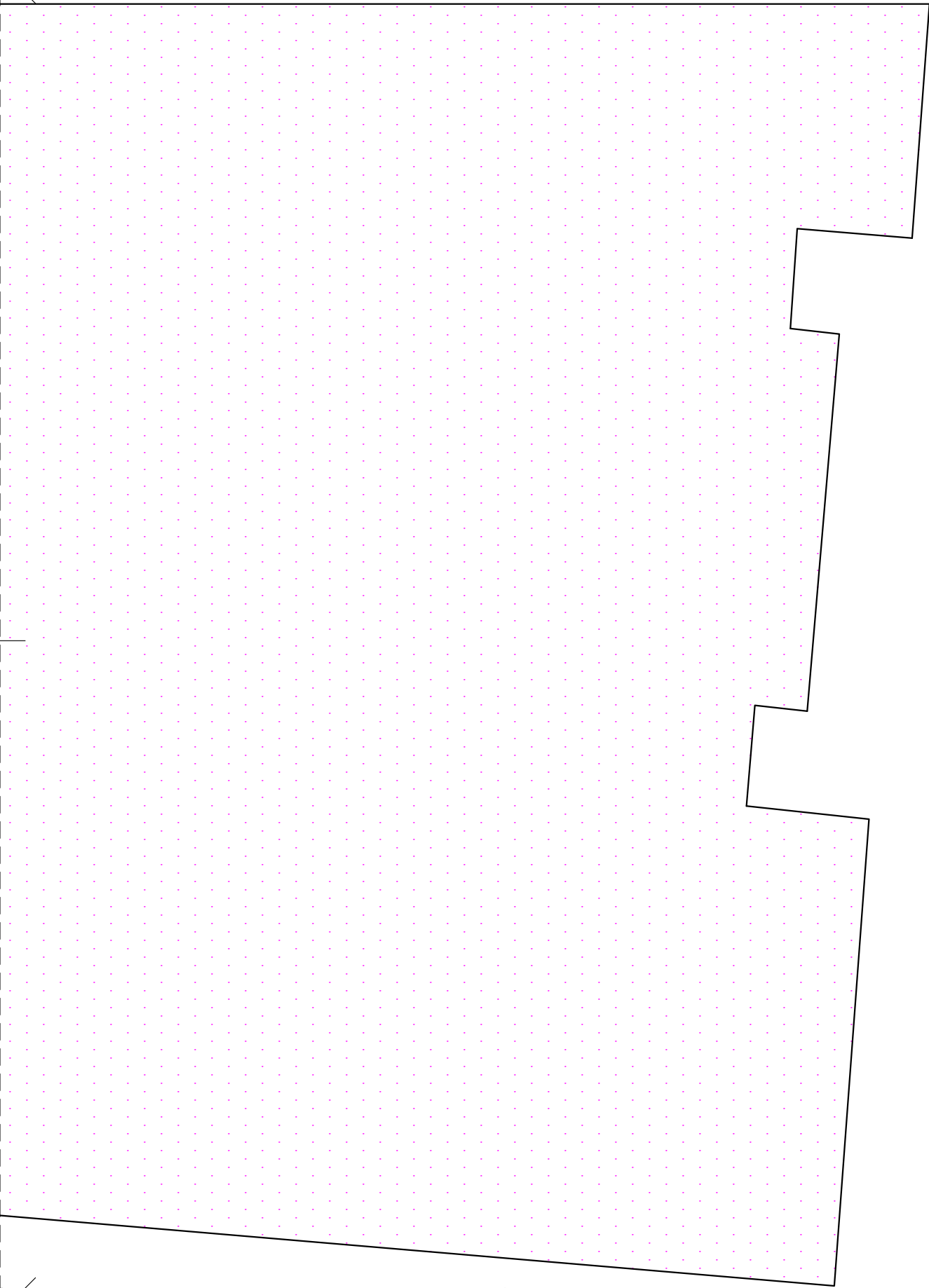
7  
2 WING TIP  
FOAM BOARD  
FT CORSAIR - v.1.0

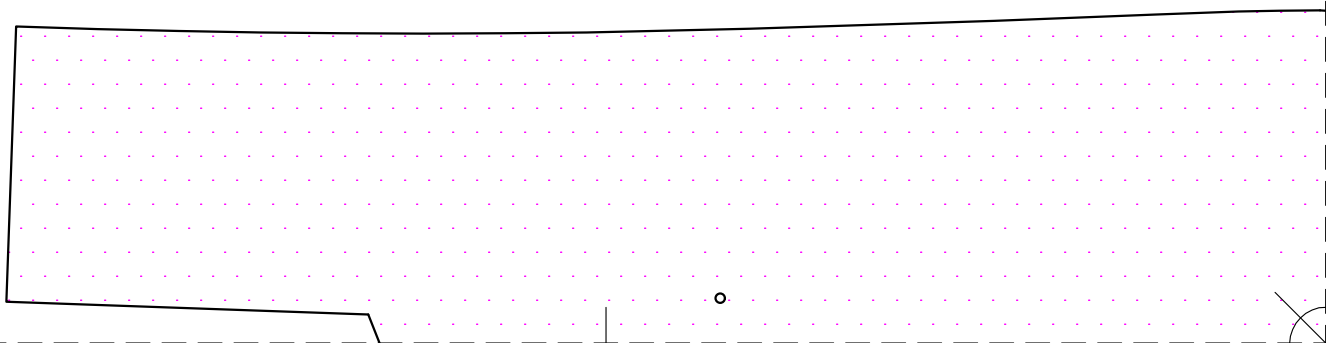
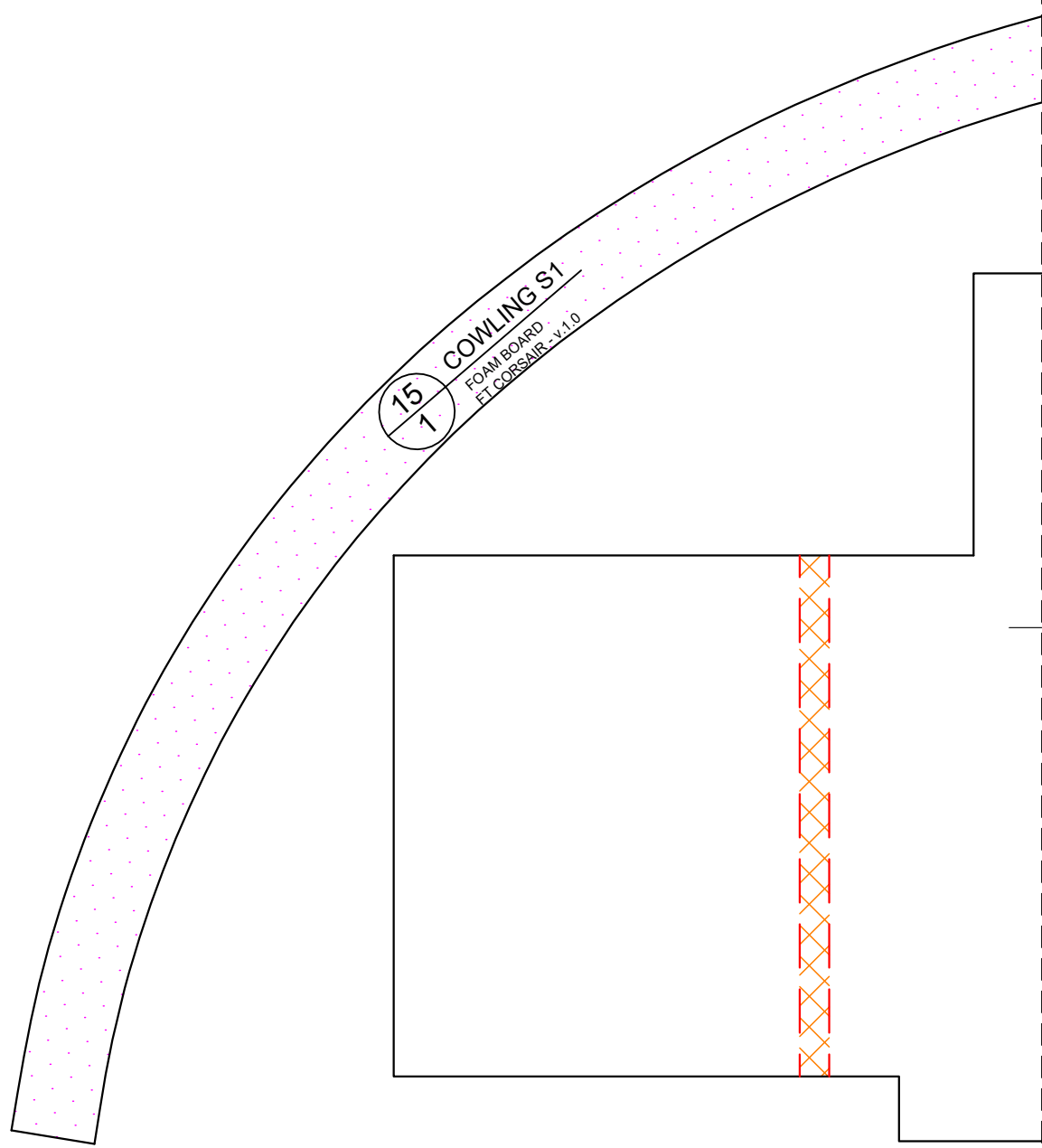


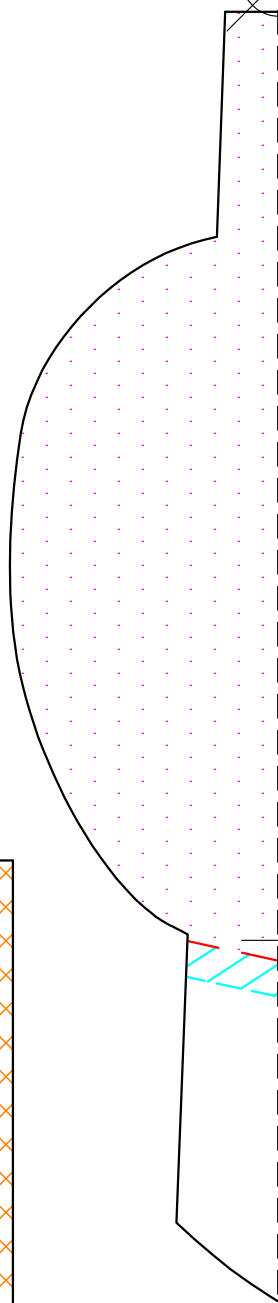
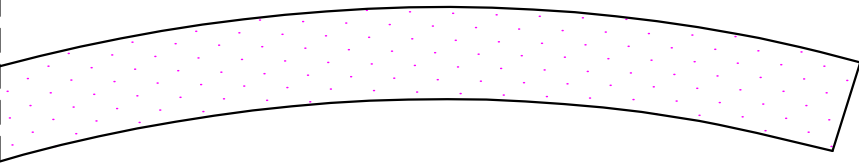
**3** WING PANEL LB  
**1** FOAM BOARD  
FT CORSAIR - v.1.0

**32** CANOPY 2  
**1** FOAM BOARD  
FT CORSAIR - v.1.0





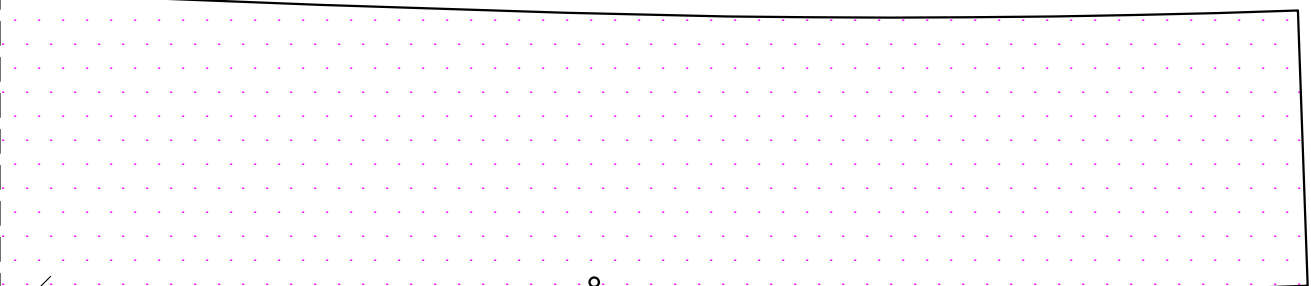




33  
1

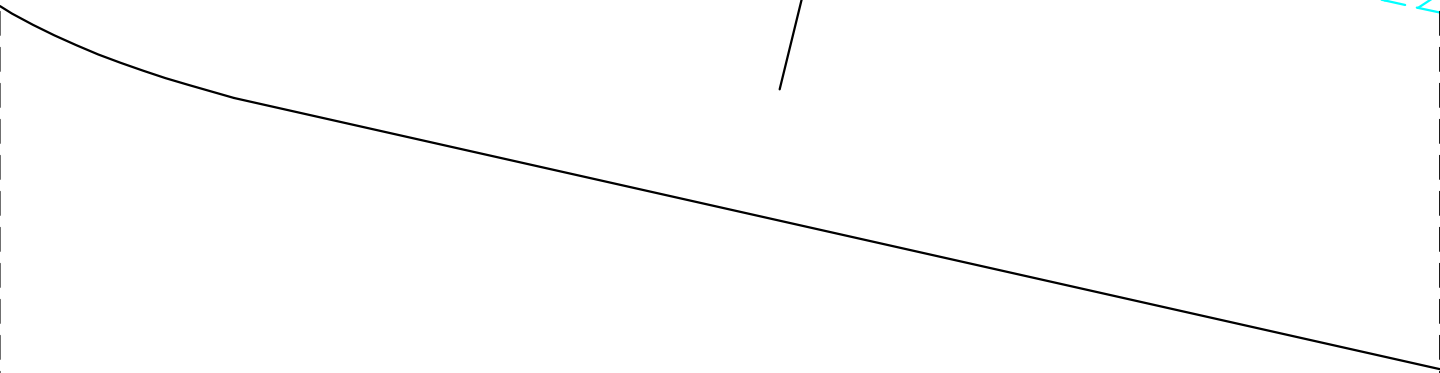
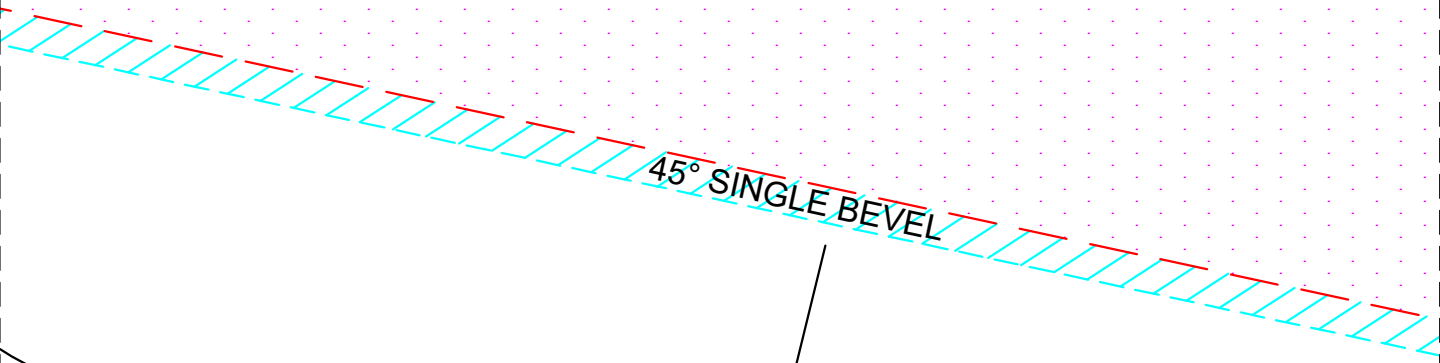
**POWER POD SLEEVE**

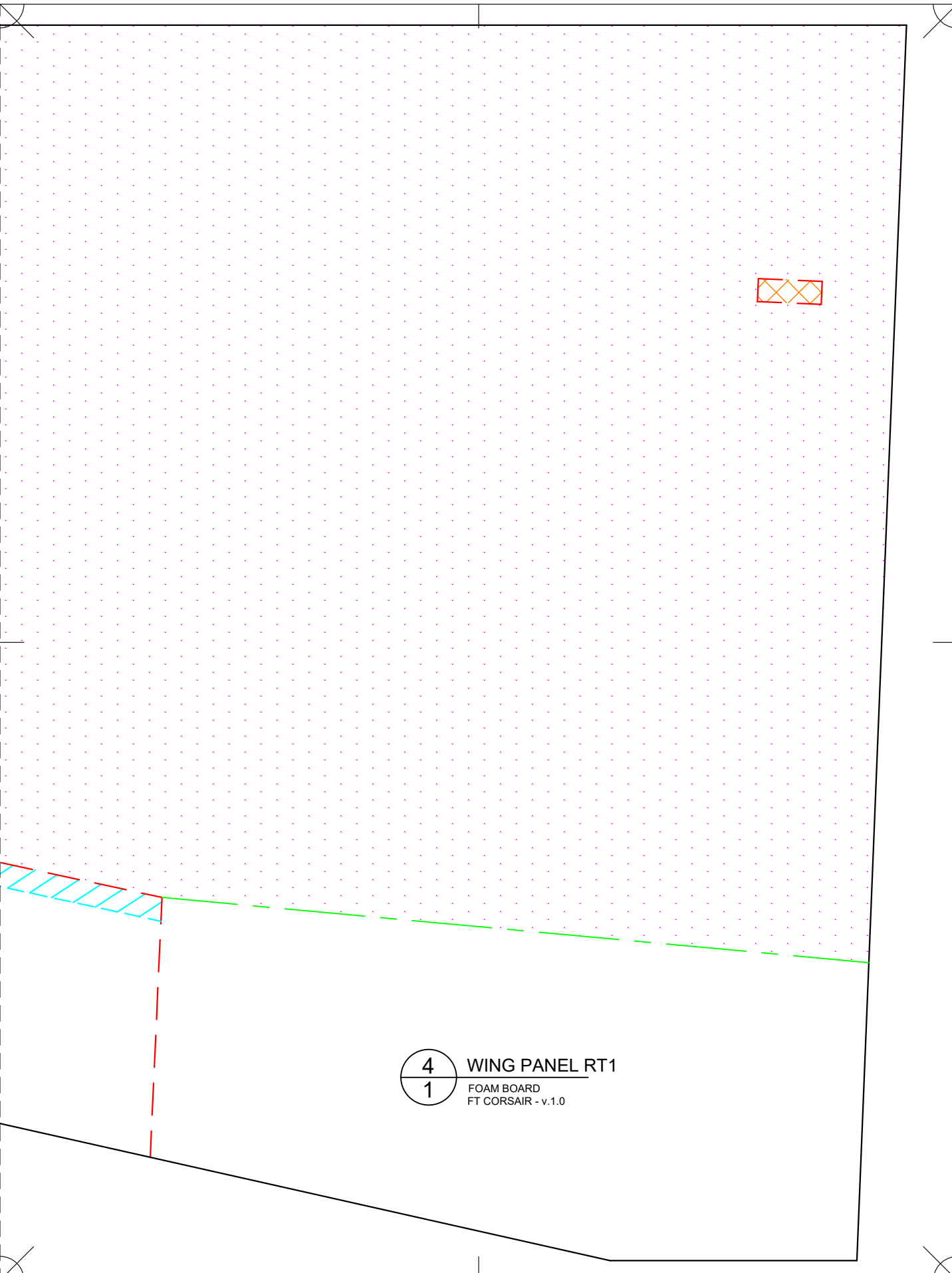
FOAM BOARD  
FT CORSAIR - v.1.0





45° SINGLE BEVEL





4  
1

WING PANEL RT1  
FOAM BOARD  
FT CORSAIR - v.1.0

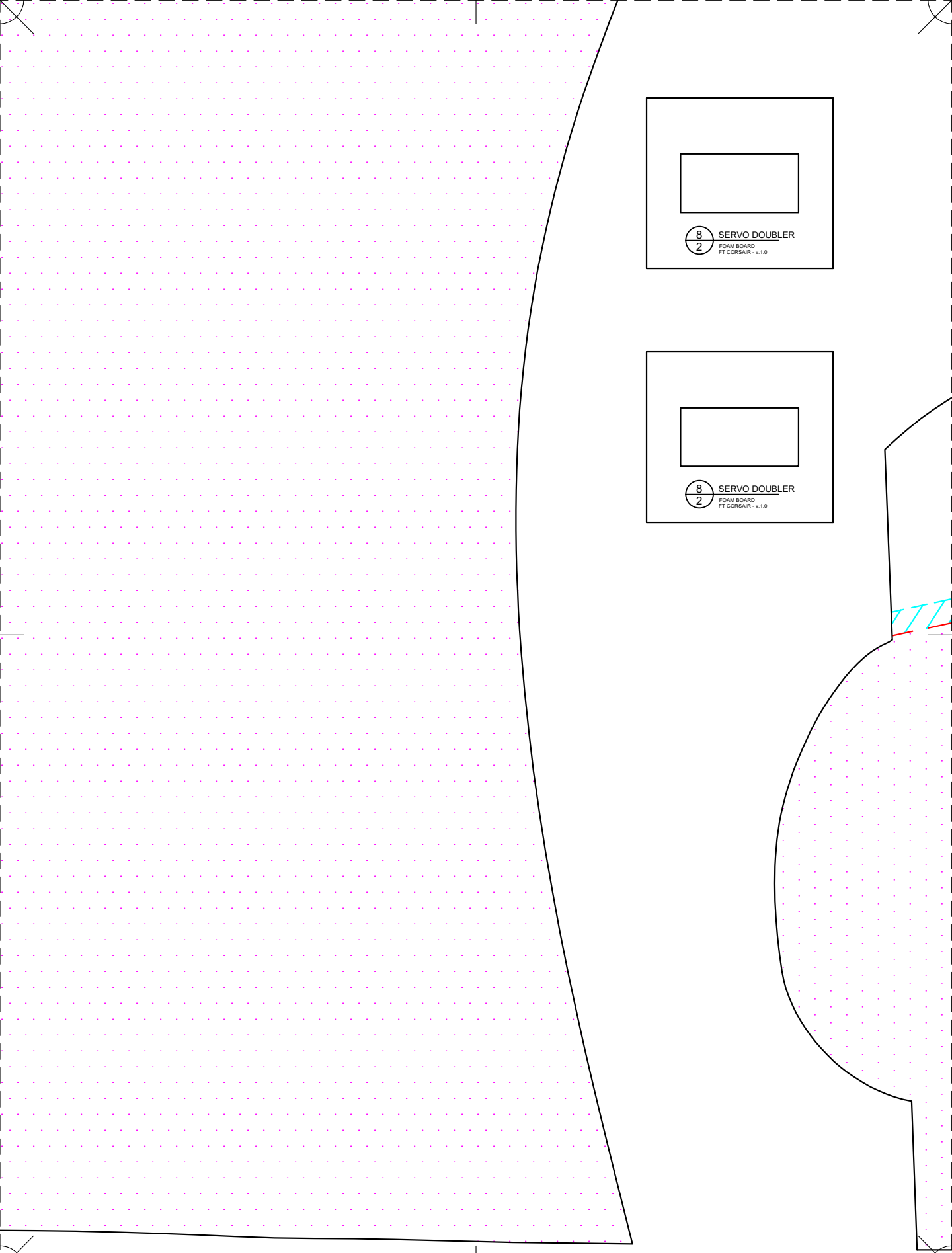


IN  
CM



20 FUSELAGE S2  
1 FOAM BOARD  
FT. CORSAIR - v.1.0





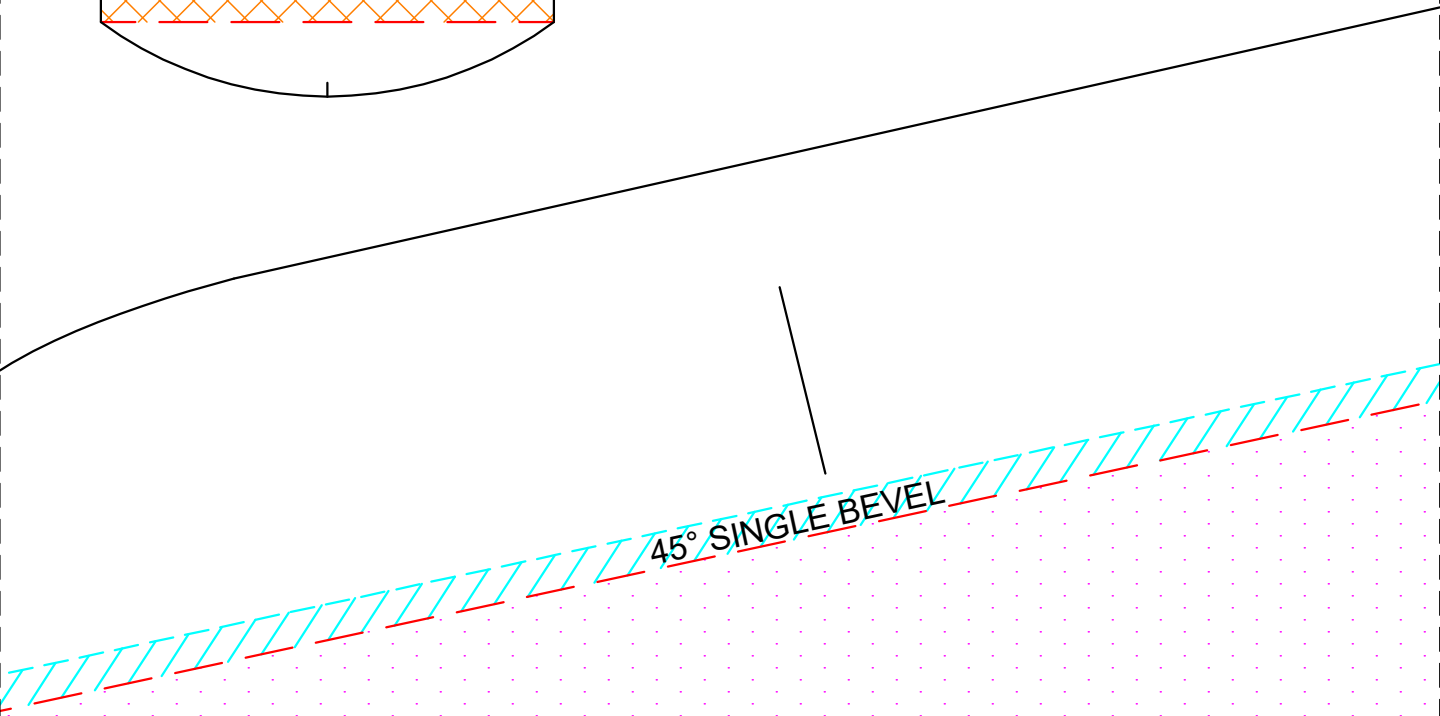
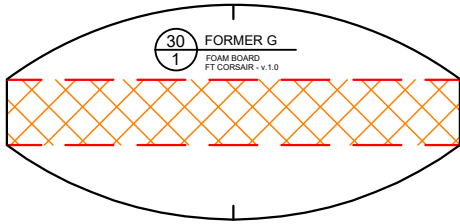
8  
2

SERVO DOUBLER  
FOAM BOARD  
FT CORSAIR - v.1.0

8  
2

SERVO DOUBLER  
FOAM BOARD  
FT CORSAIR - v.1.0







WING PANEL LT1

FOAM BOARD  
FT CORSAIR - v.1.0



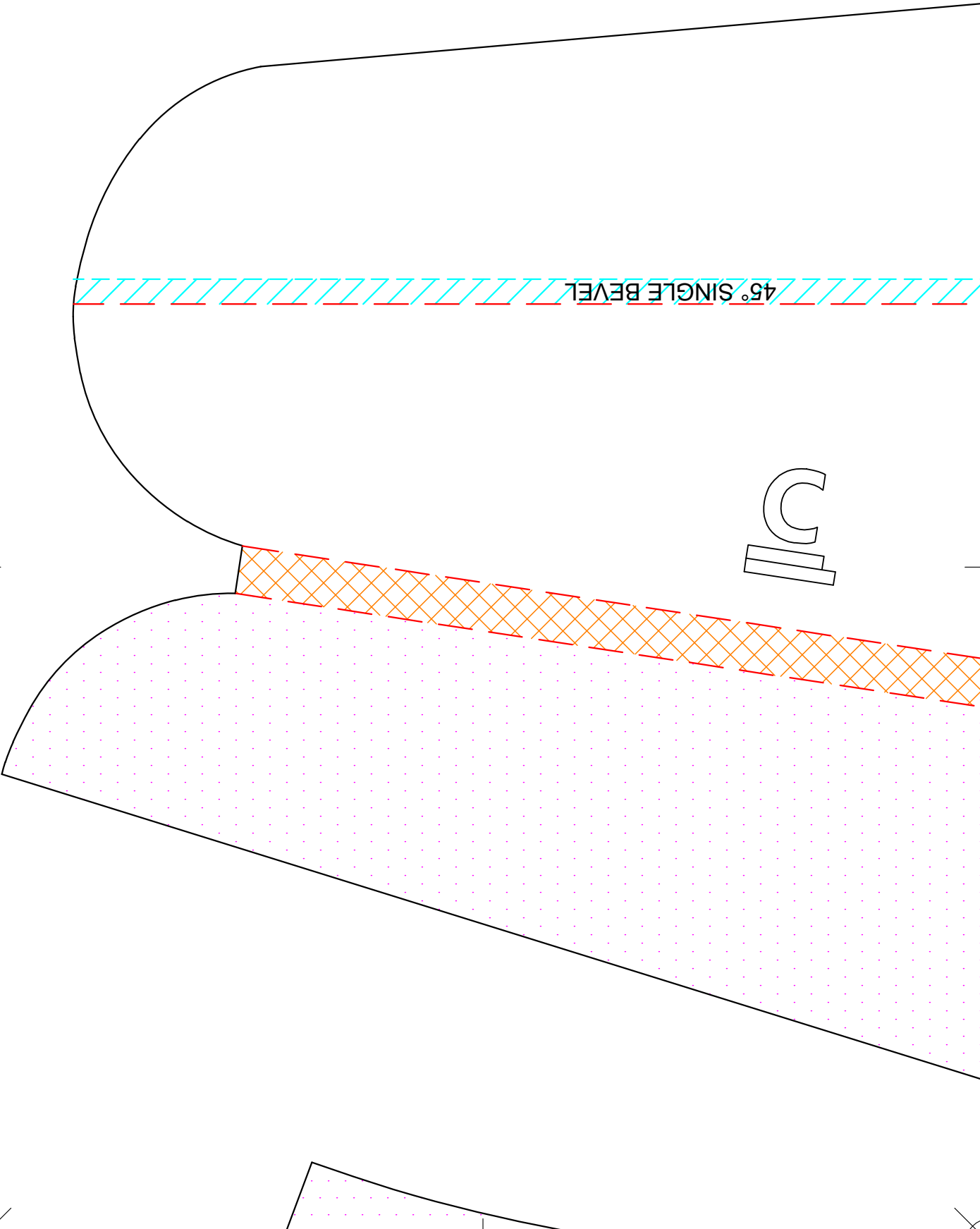


IN  
CM



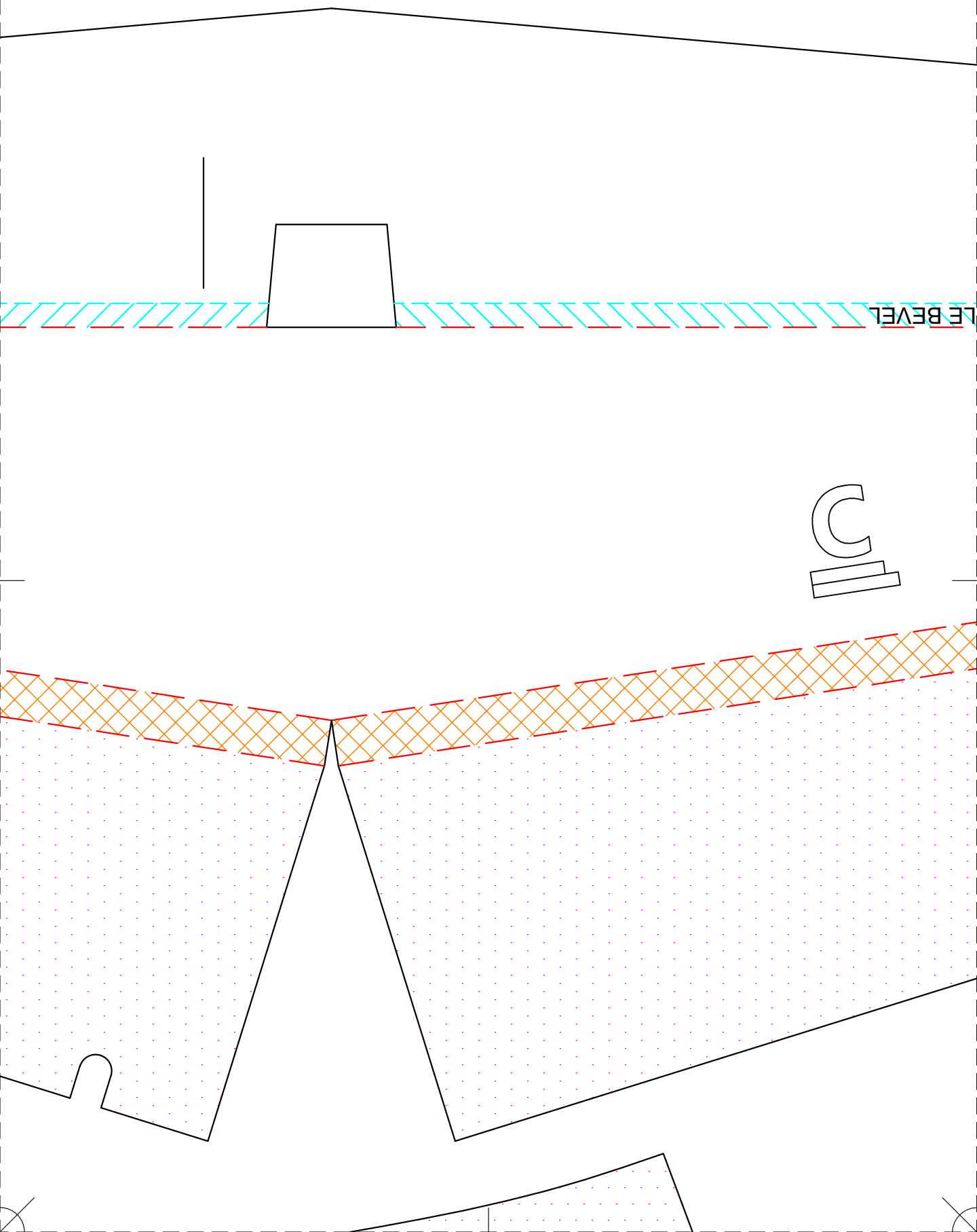
45° SINGLE BEVEL

C  
II





IN  
CM

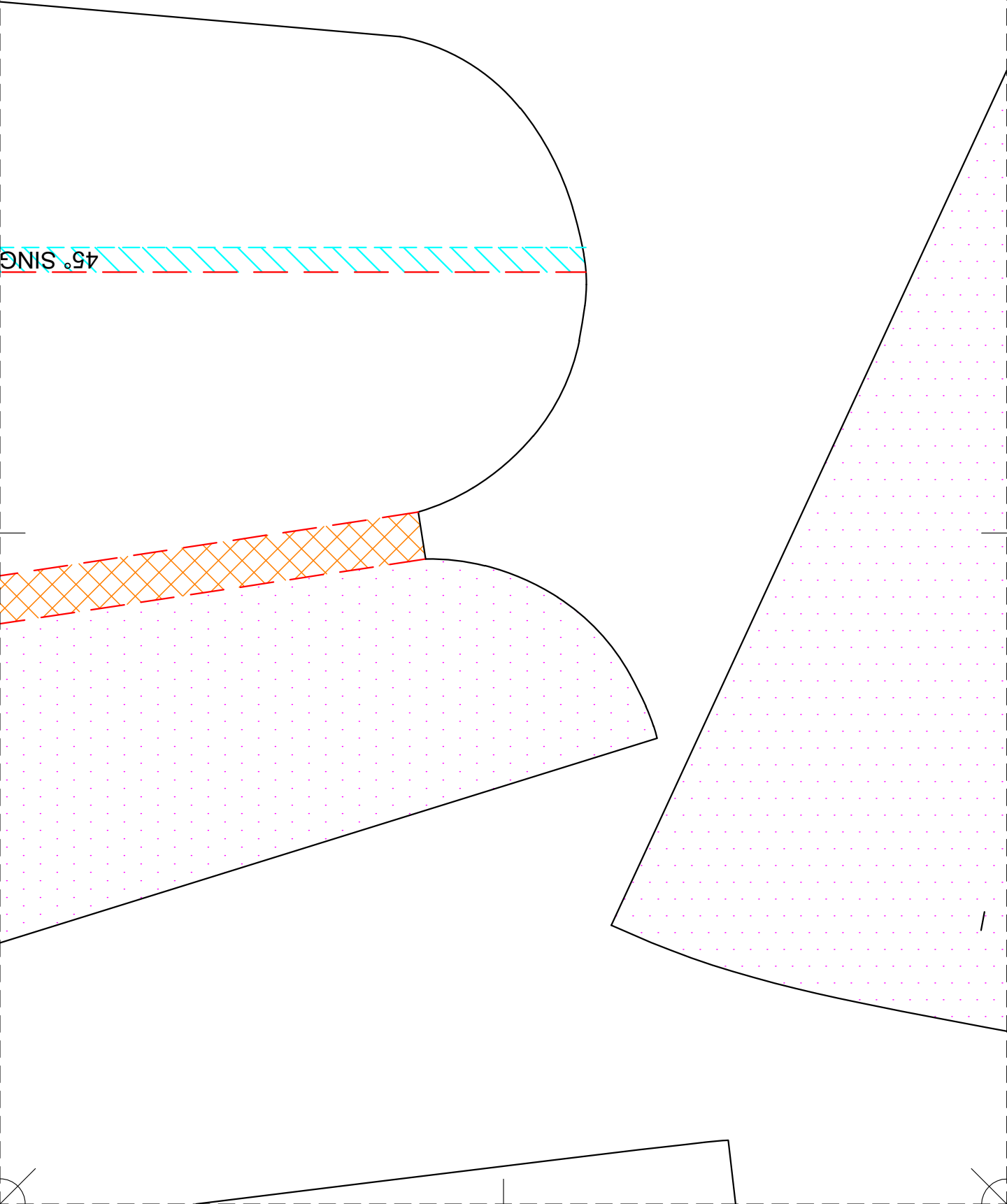


FLOOR LEVEL

C

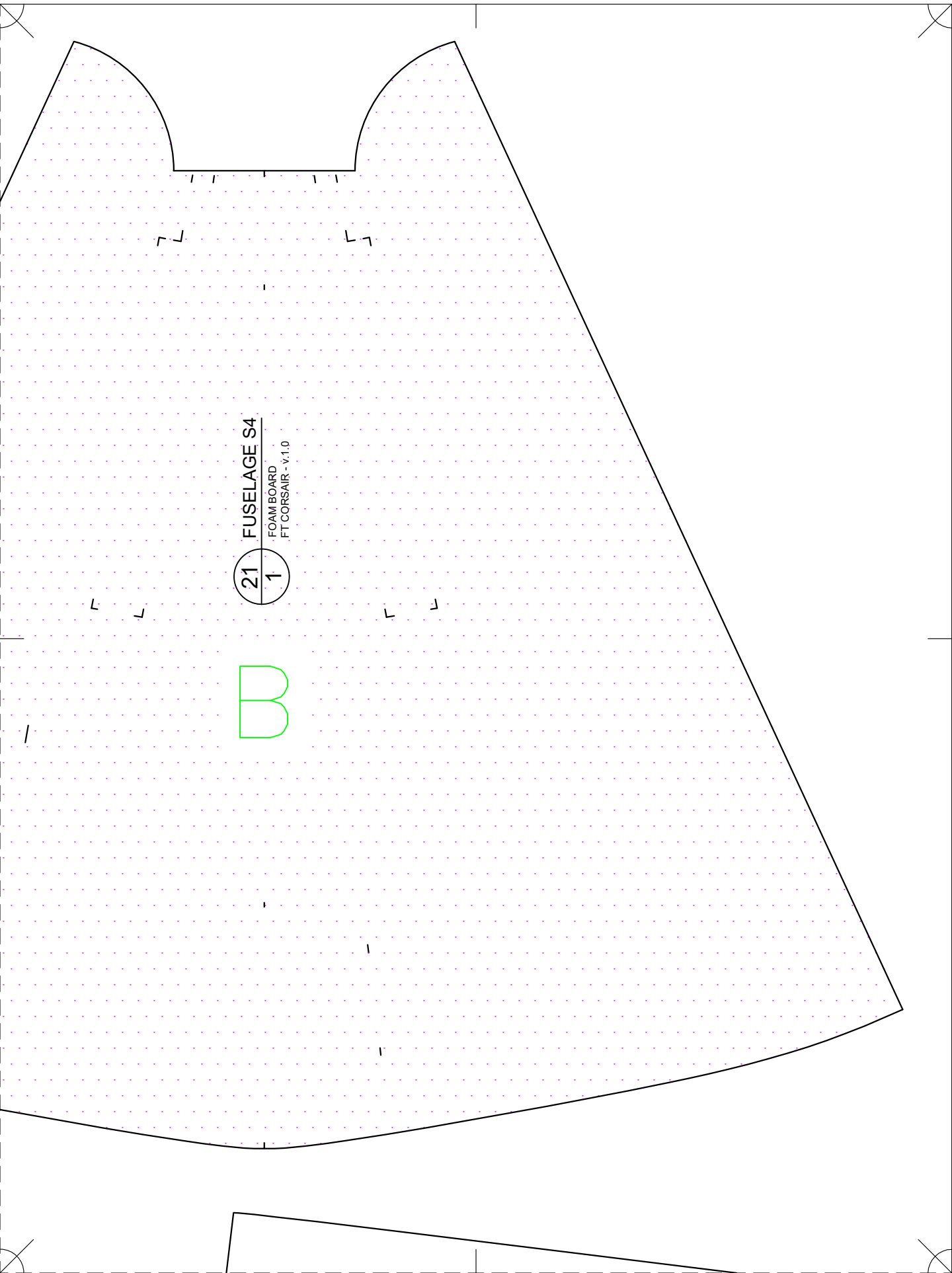


45° SING





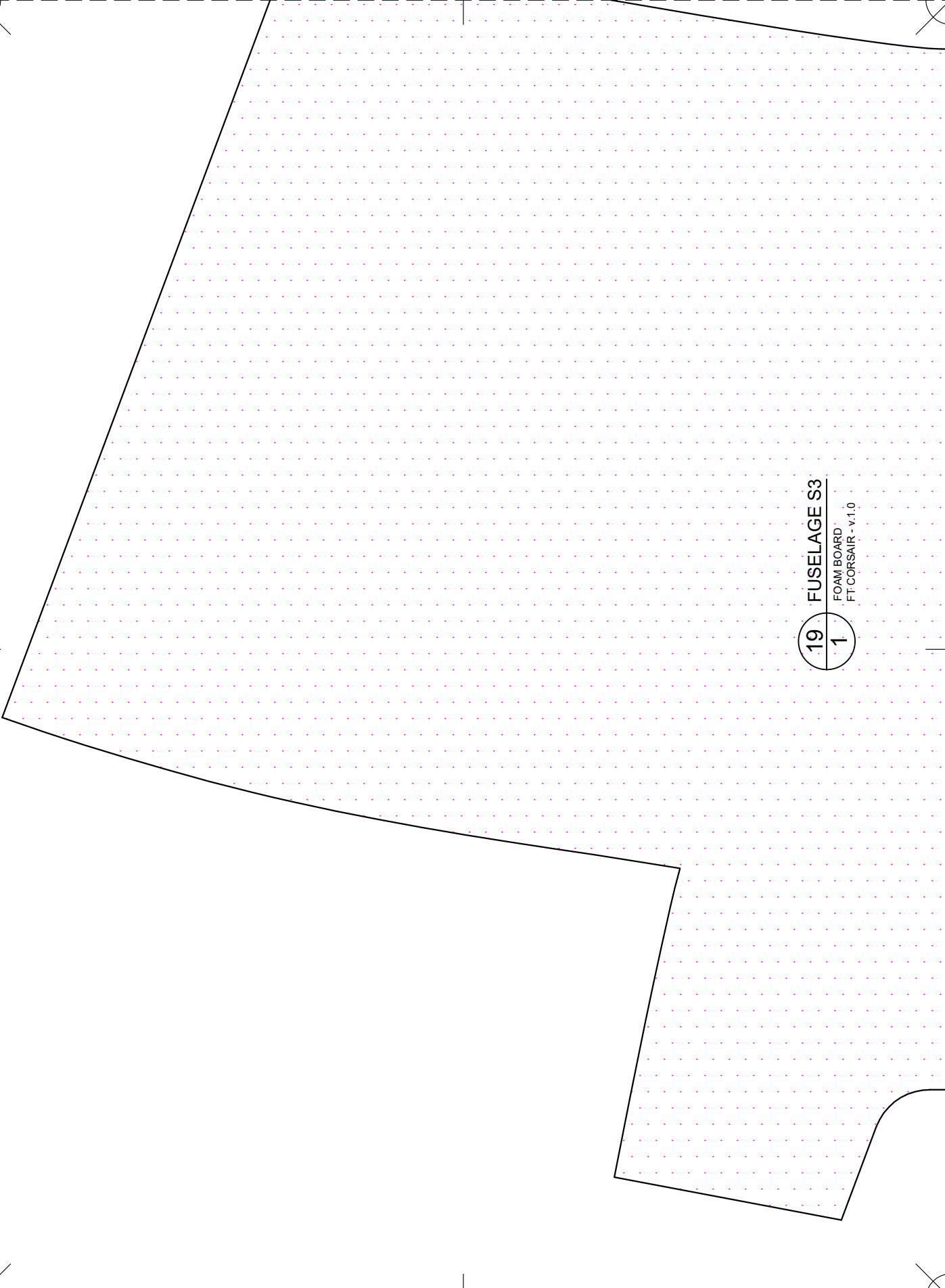
IN  
CM



21  
1

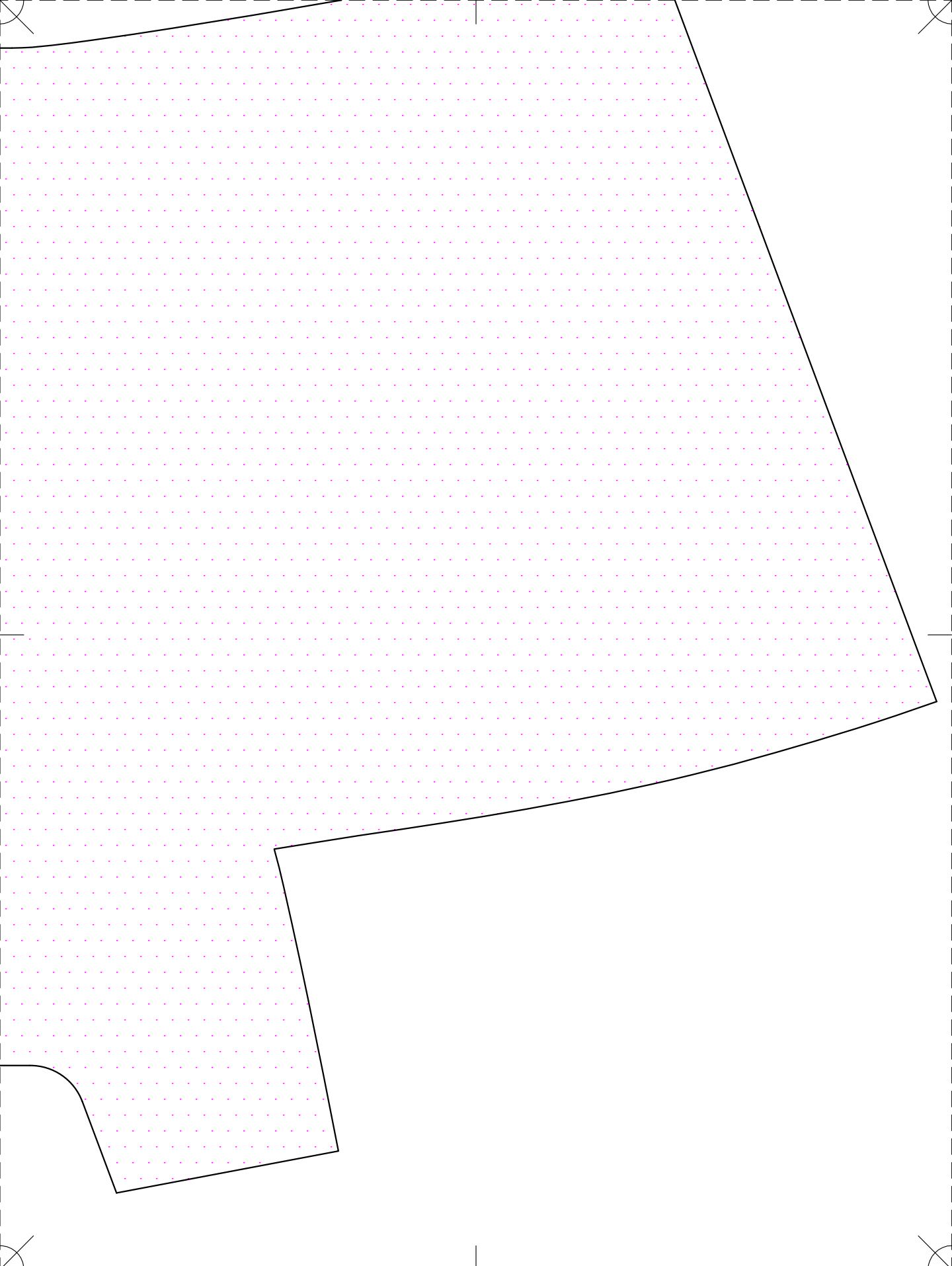
FUSELAGE S4  
FOAM BOARD  
FT CORSAIR - v.1.0

B



19 FUSELAGE S3  
1 FOAM BOARD  
FT CORSAIR - v.1.0

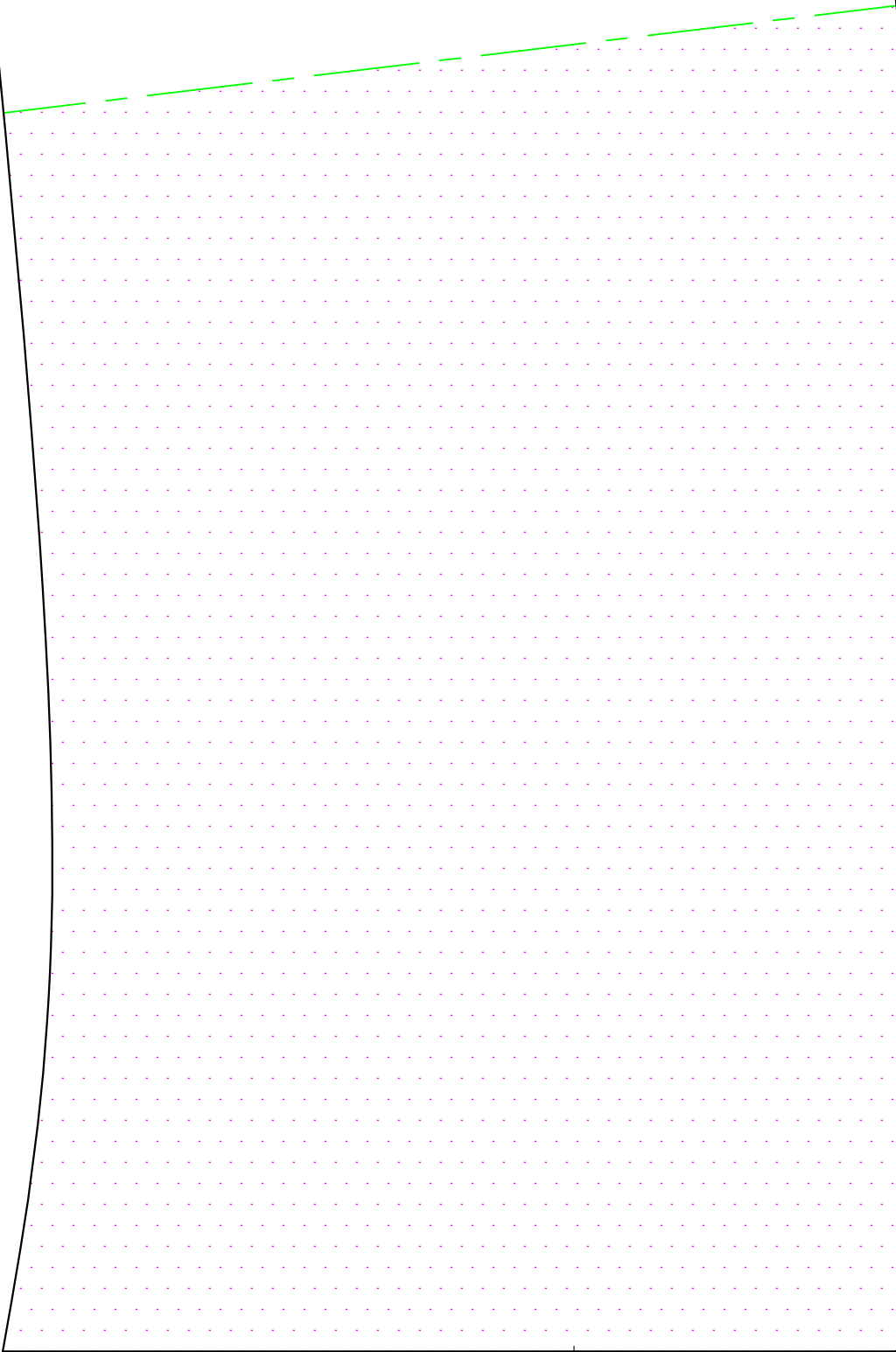






**WING PANEL LT2**

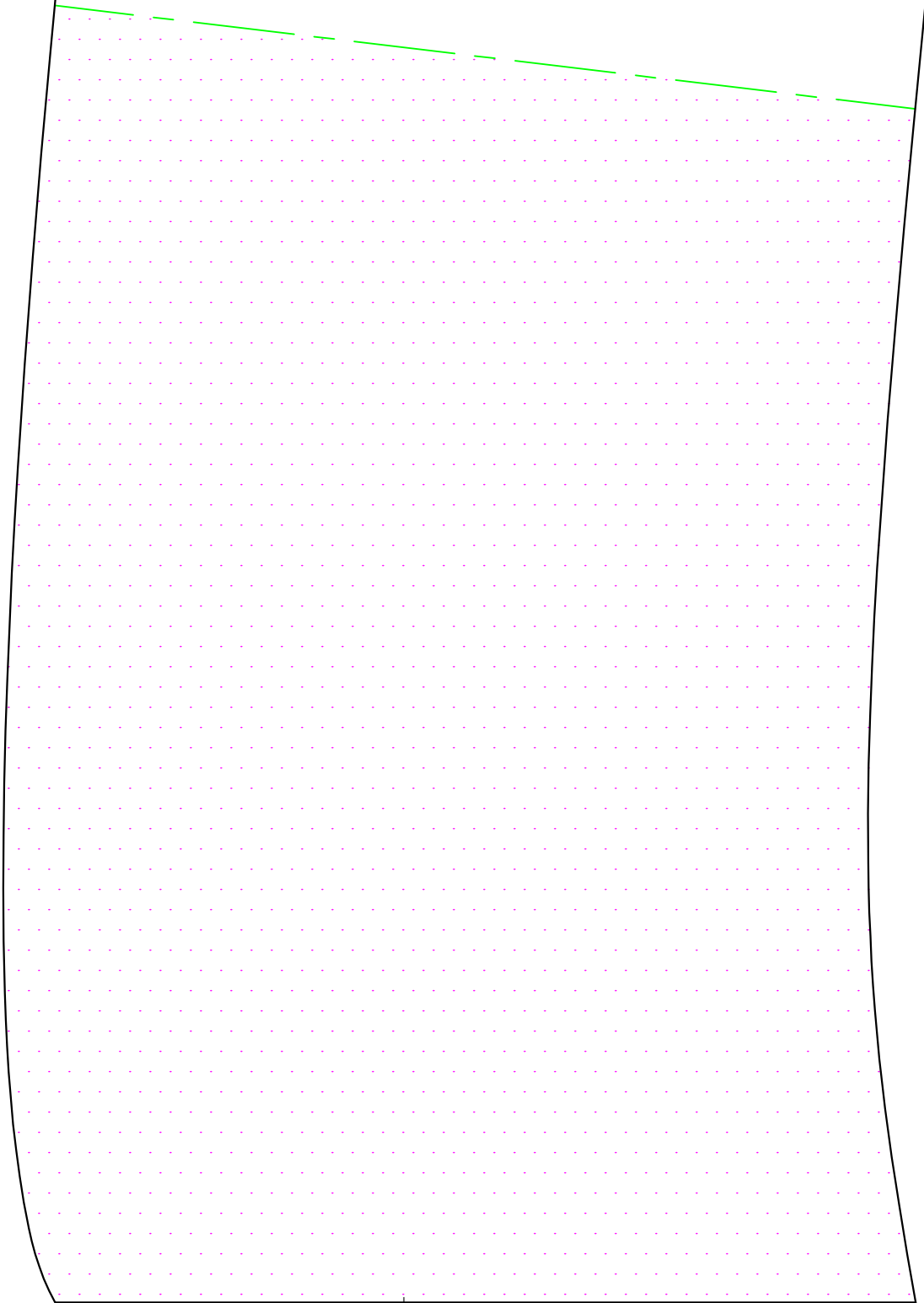
FOAM BOARD  
FT CORSAIR - v.1.0

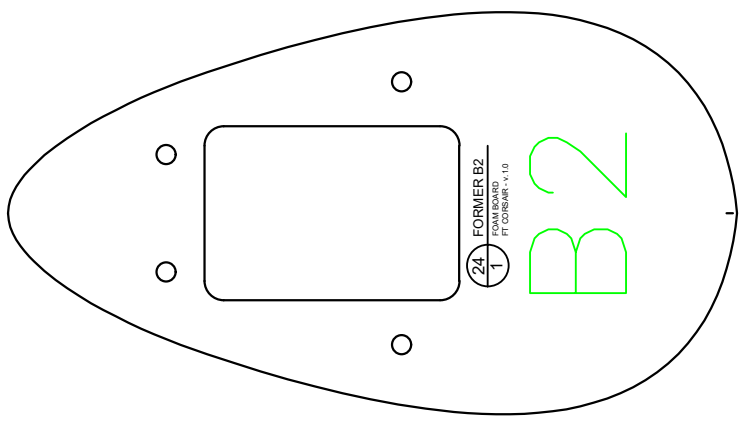
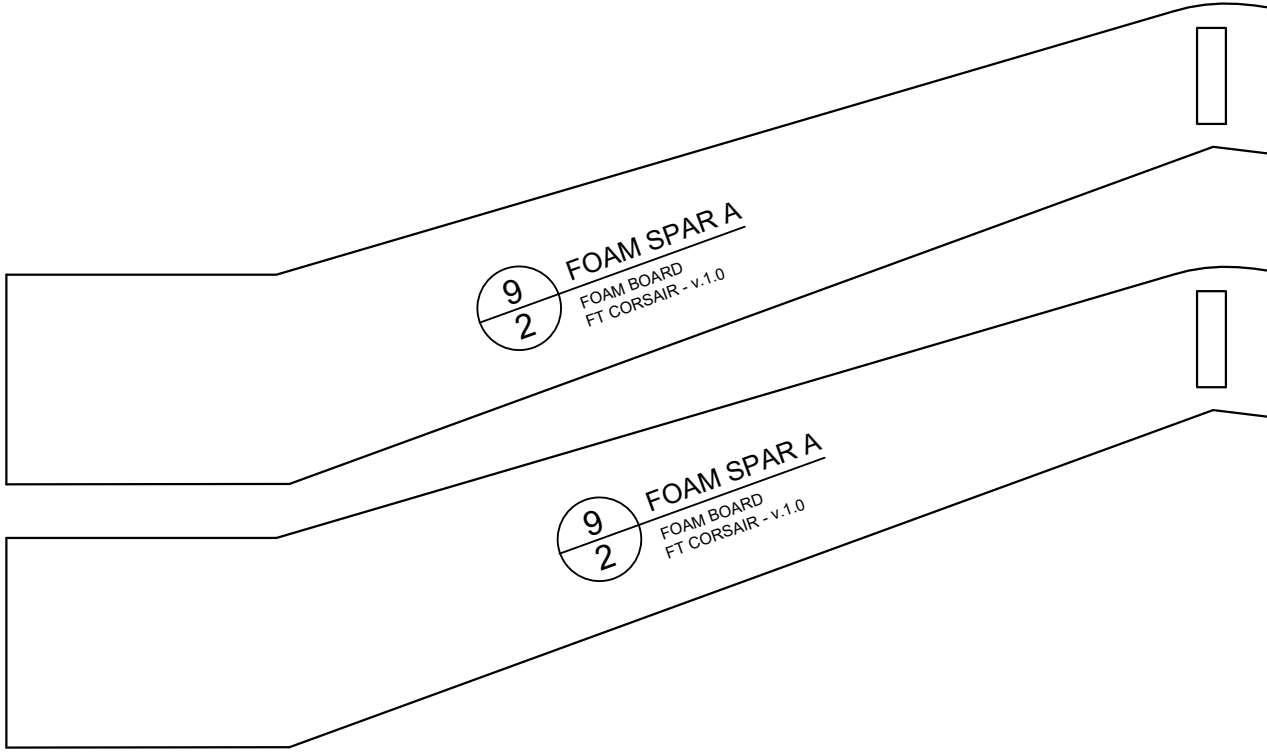


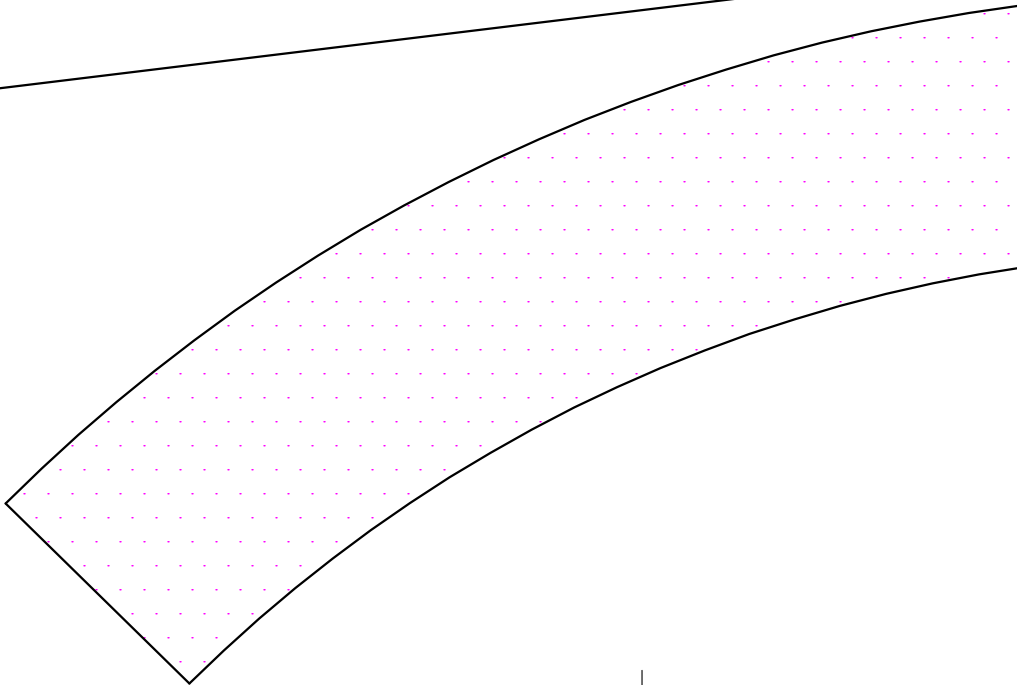
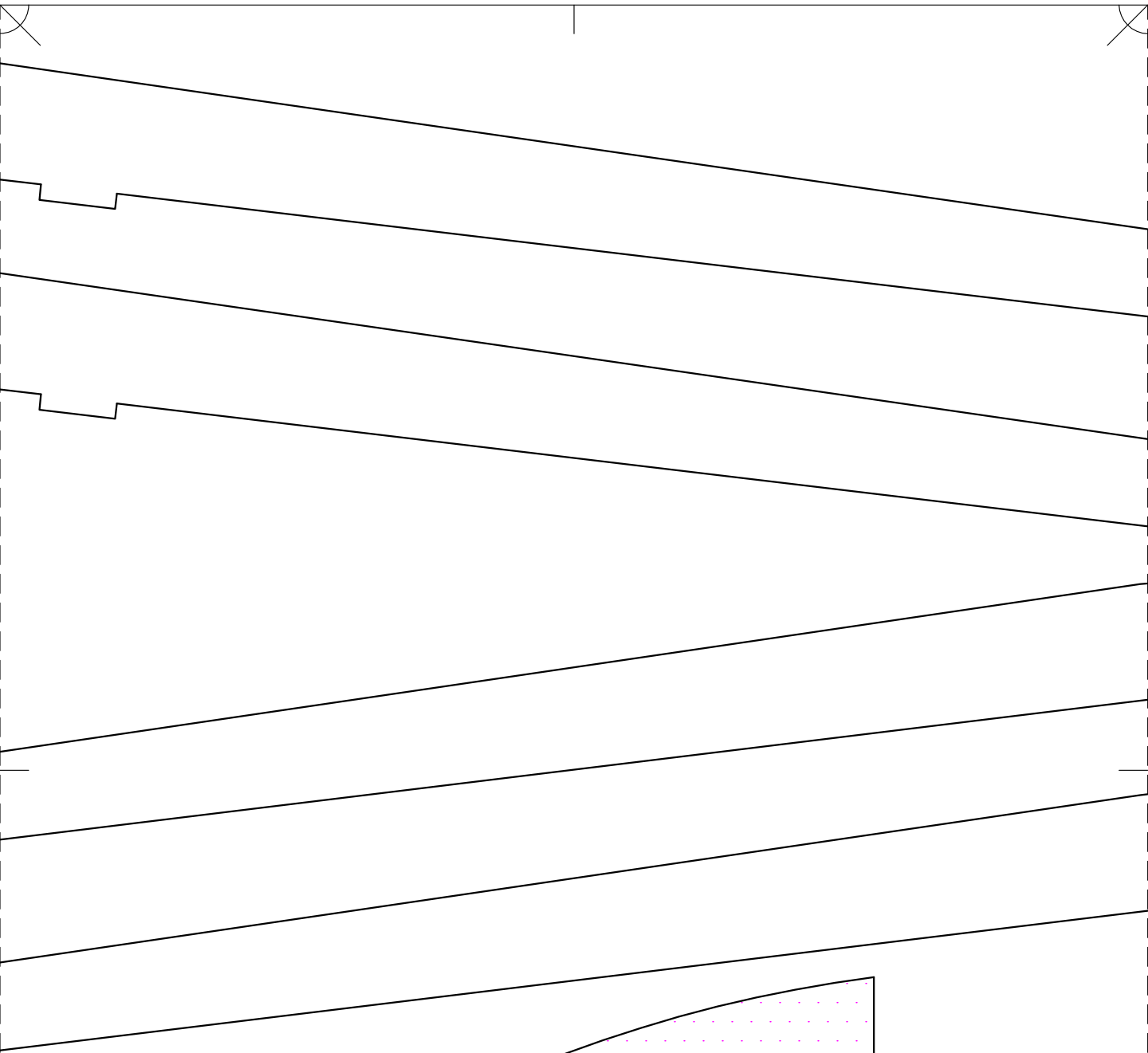
5  
1

WING PANEL RT2

FOAM BOARD  
FT CORSAIR - v.1.0







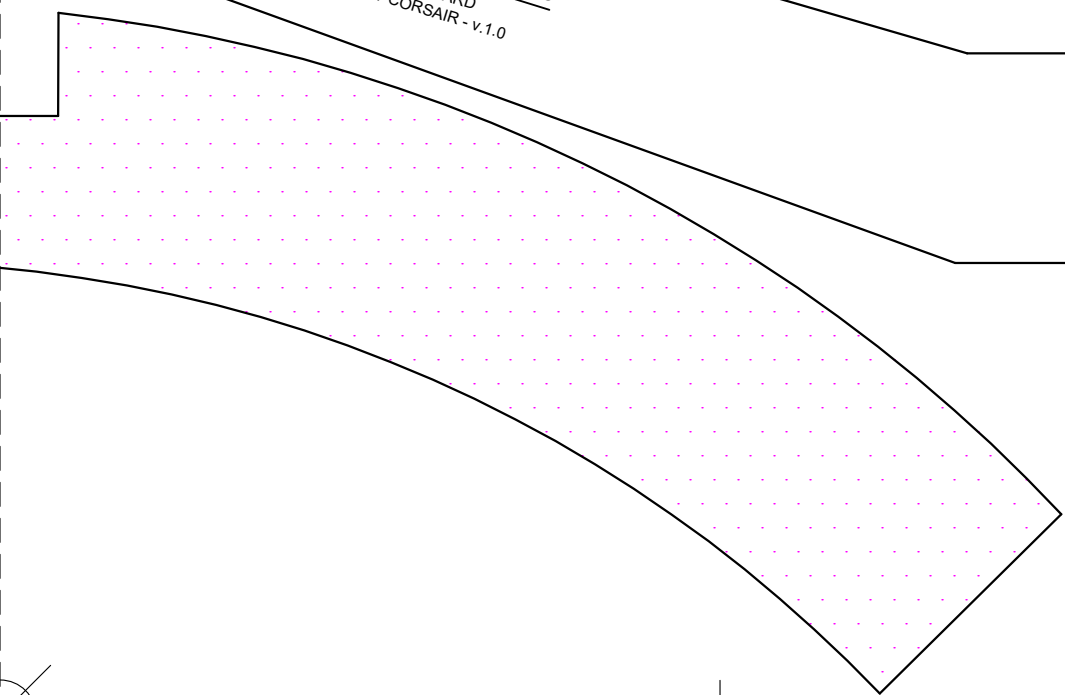
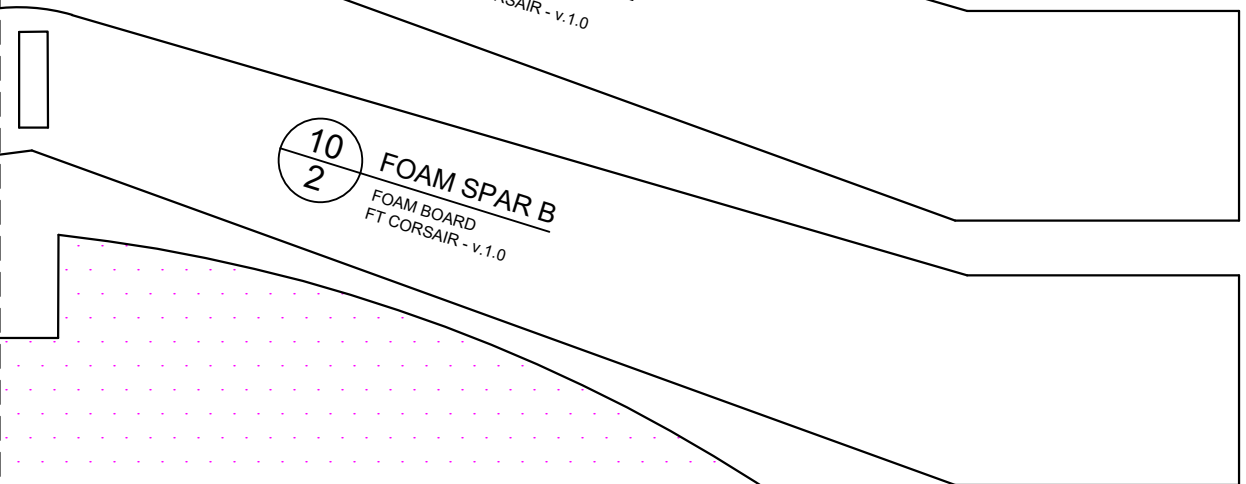
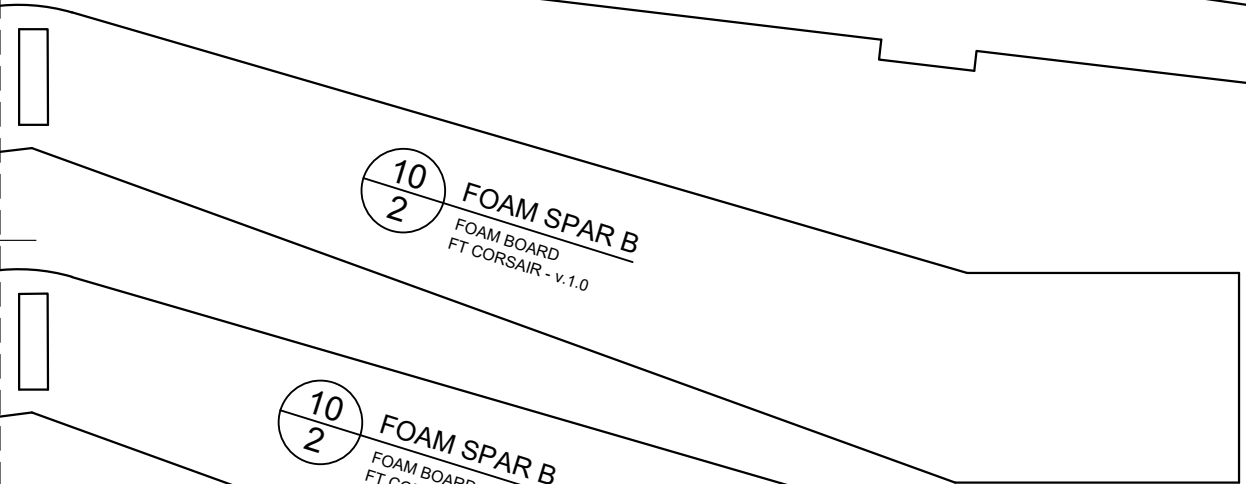
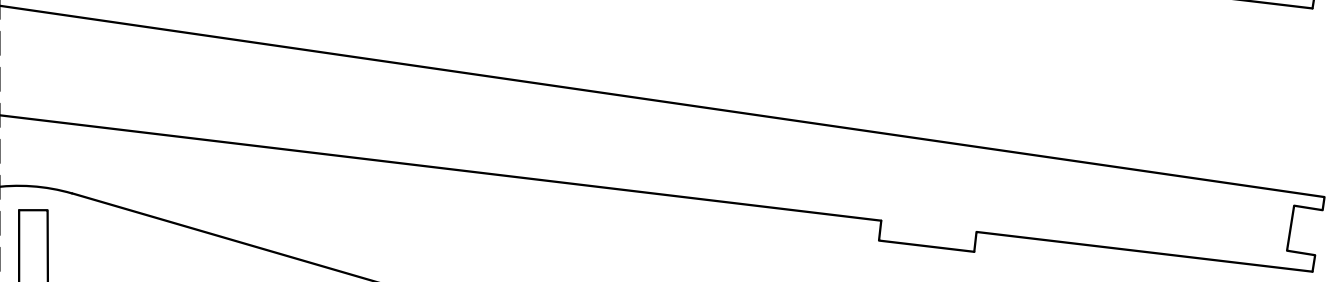
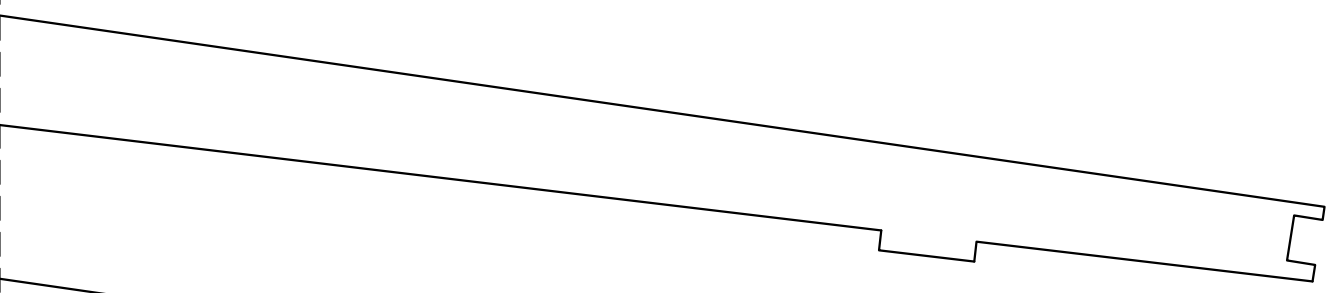
17  
1

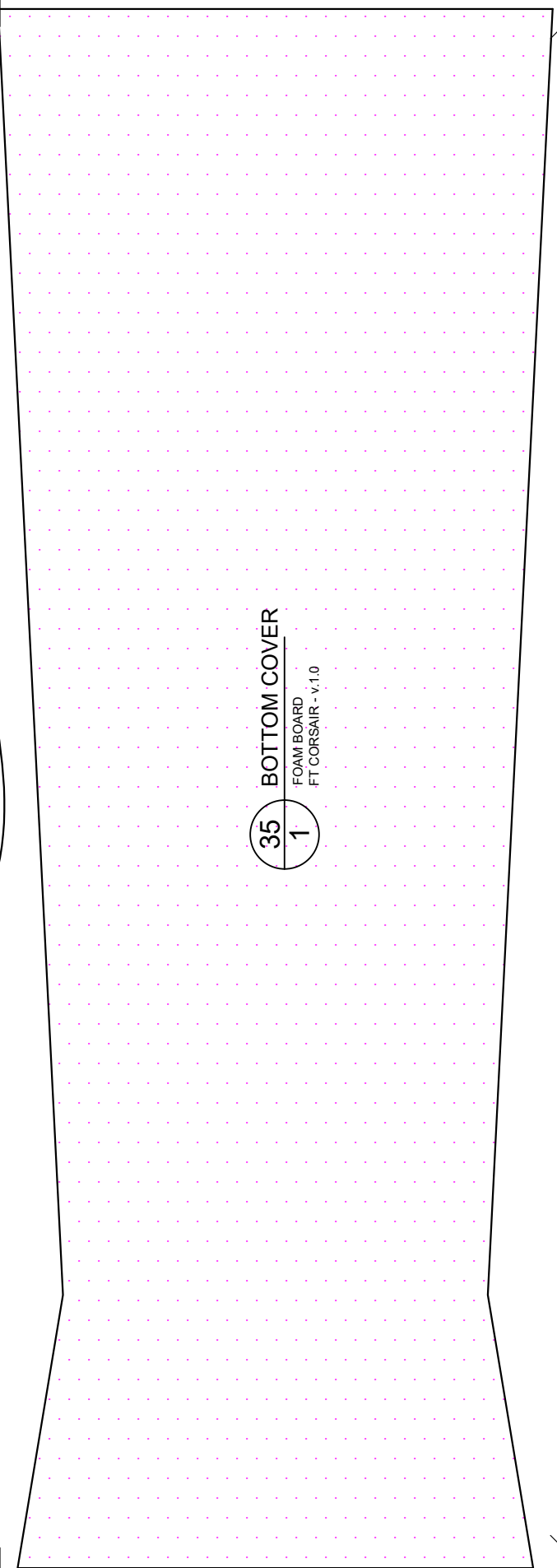
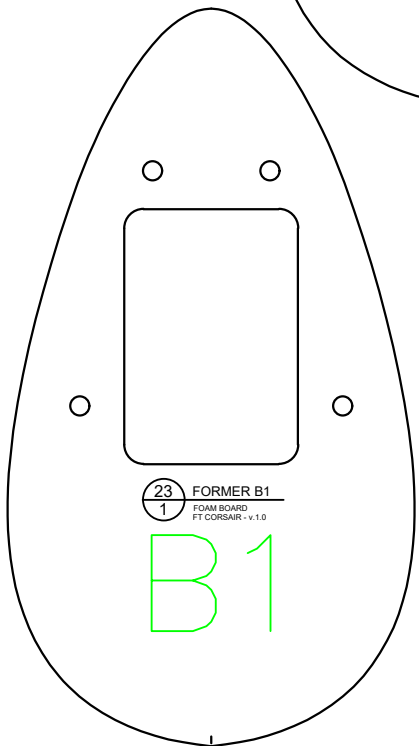
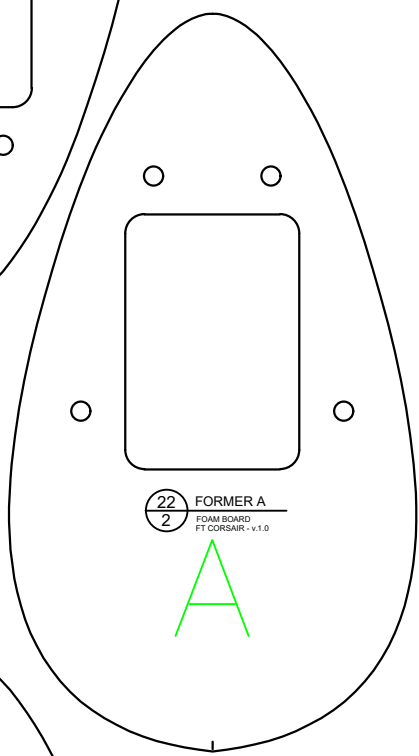
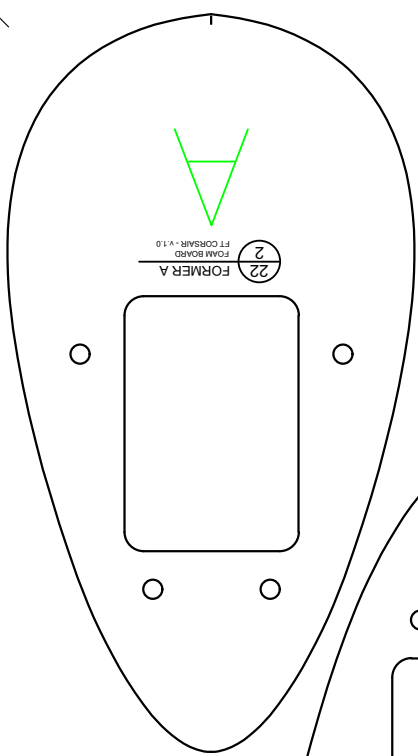
FUSELAGE S1

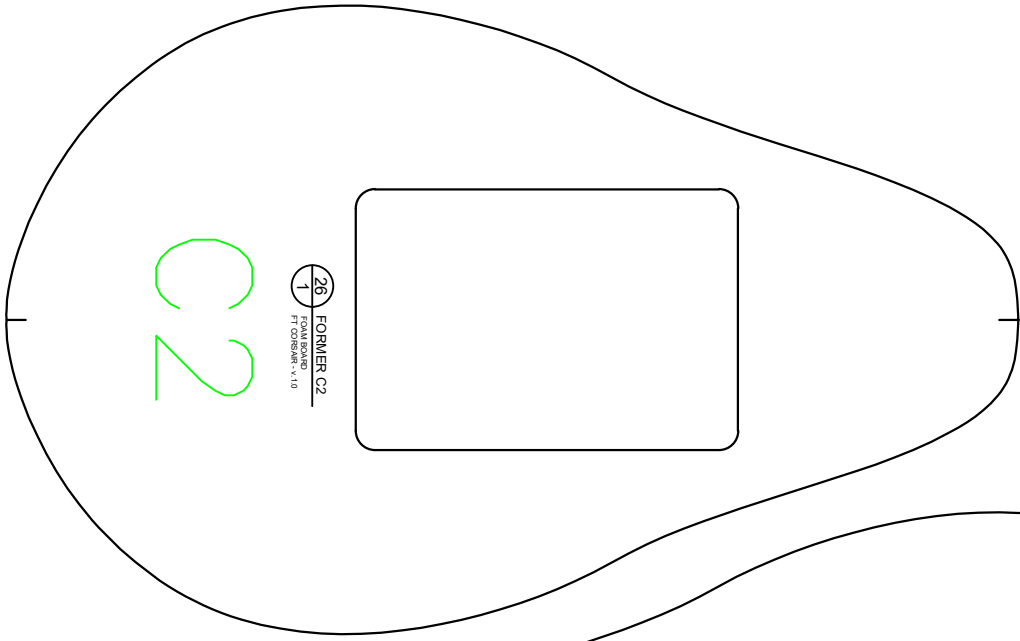
FOAM BOARD  
FT CORSAIR - v.1.0



IN  
CM

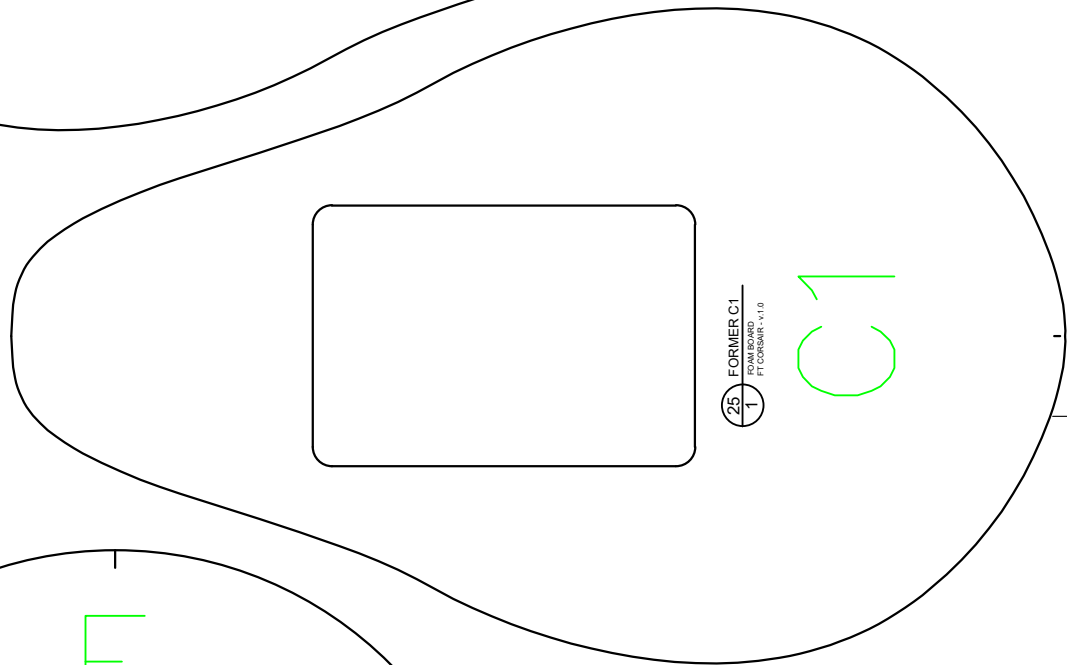






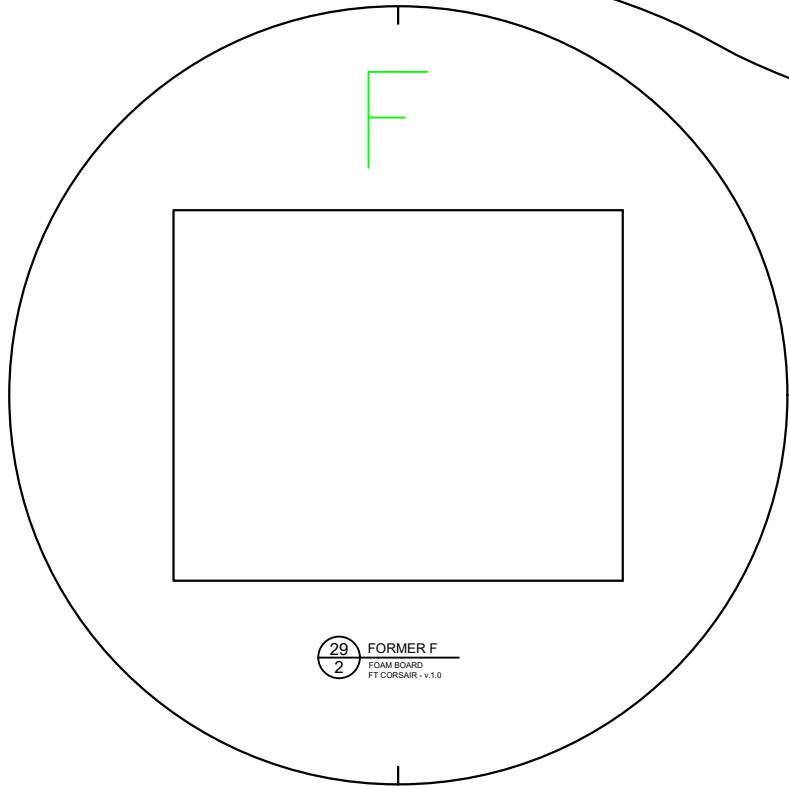
26 FORMER C2  
FOAM BOARD  
FT CORSAIR - v.1.0  
1

C2



25 FORMER C1  
FOAM BOARD  
FT CORSAIR - v.1.0  
1

C1

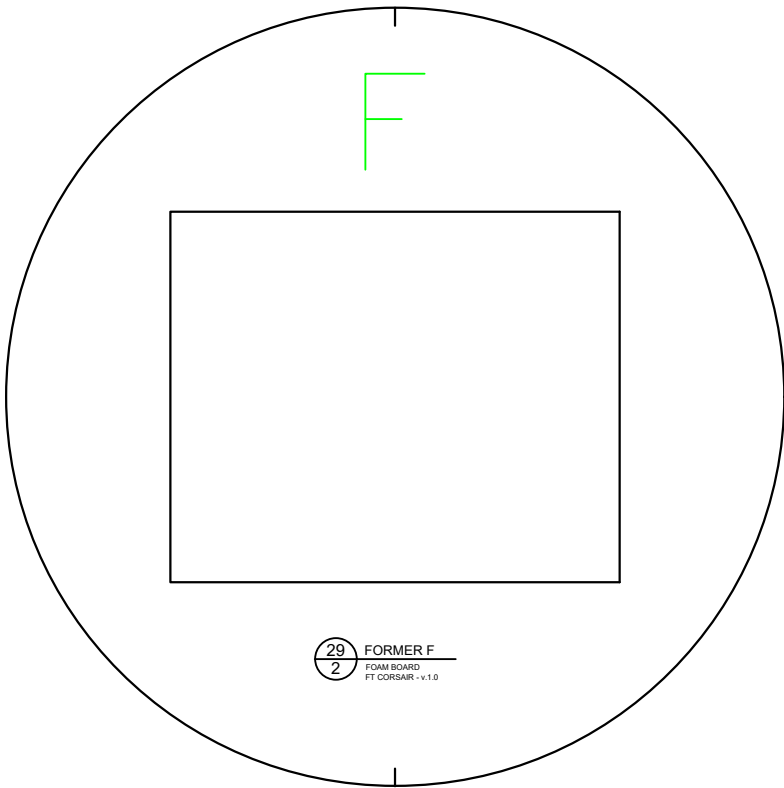
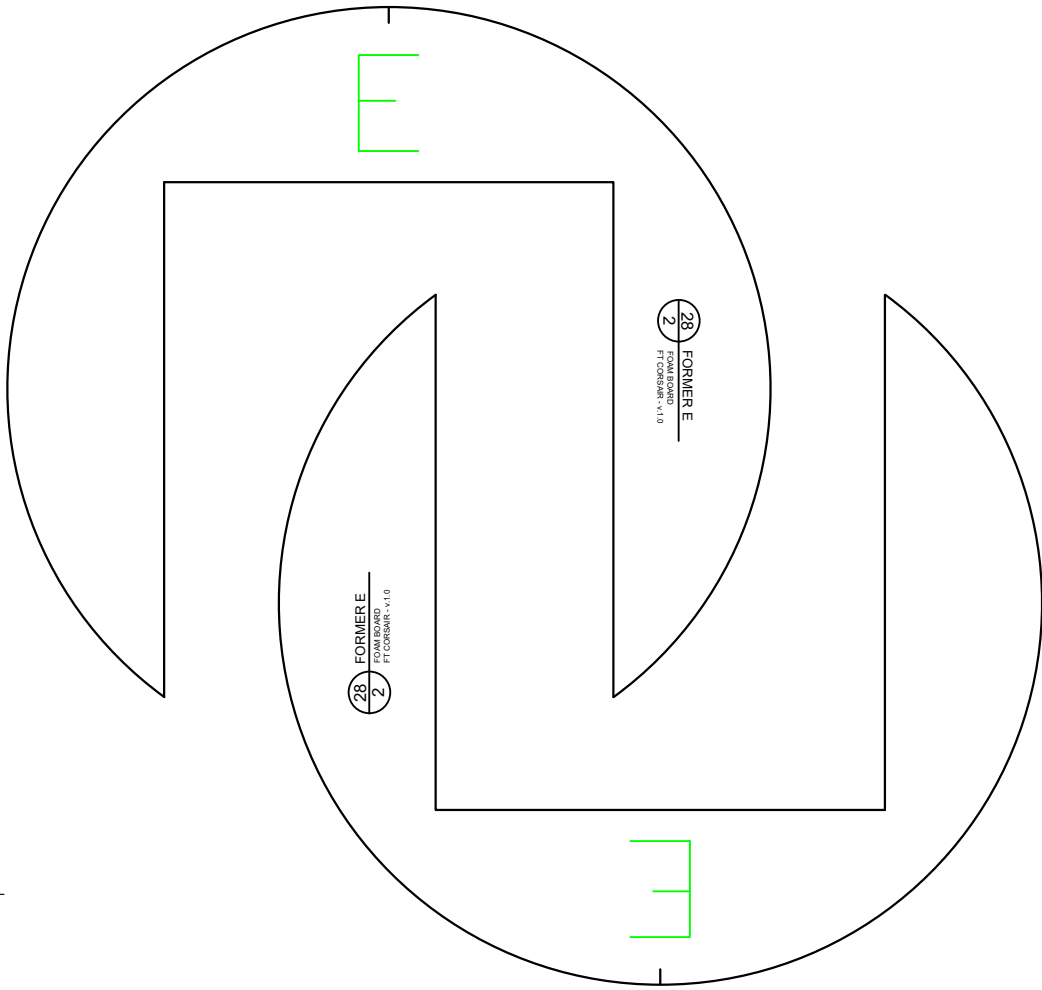


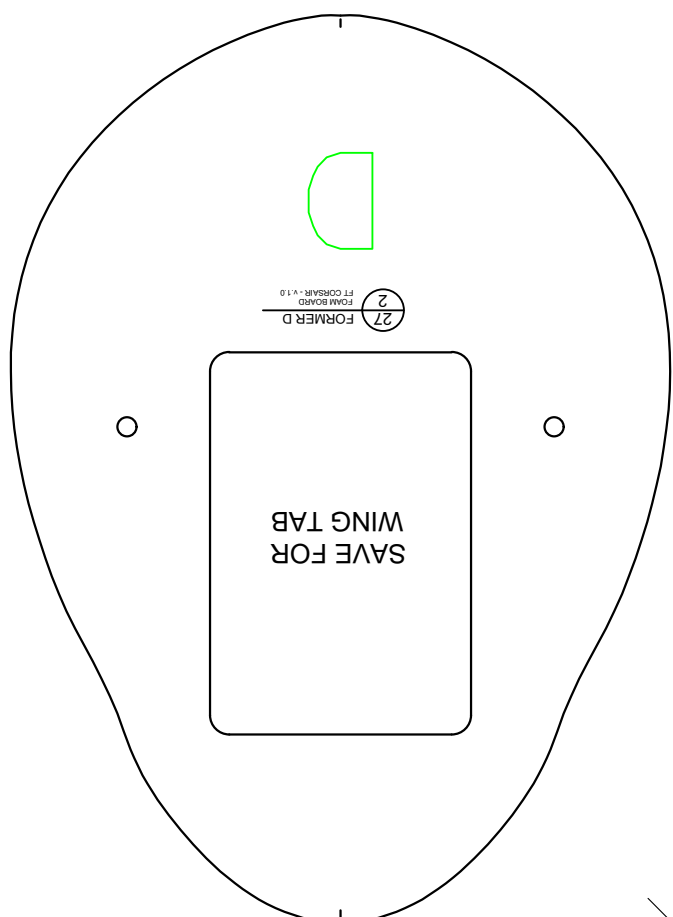
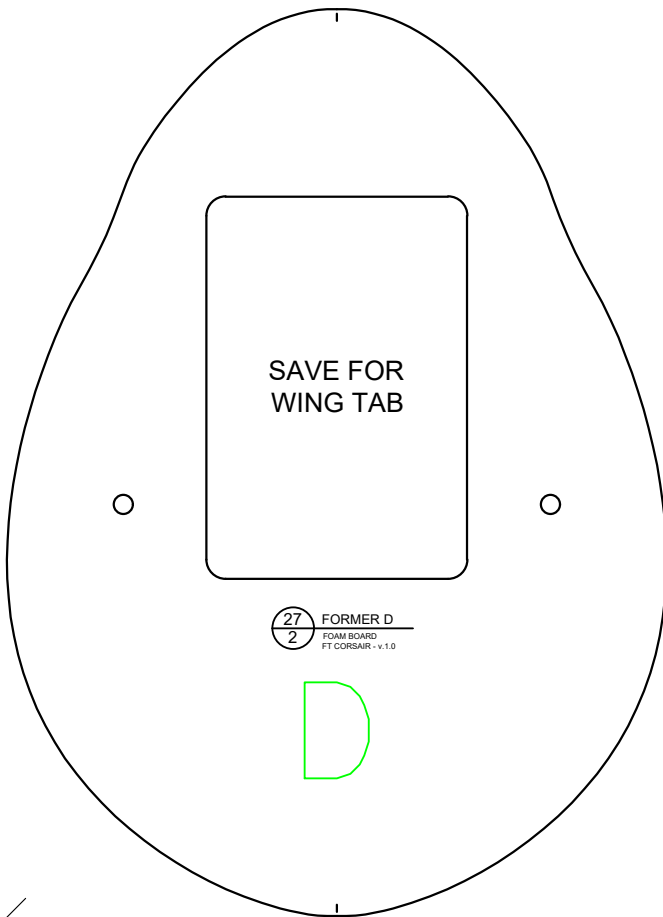
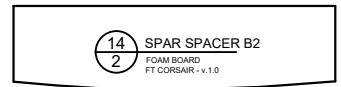
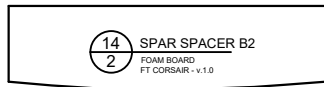
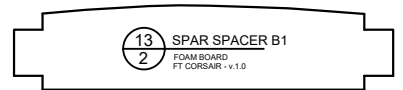
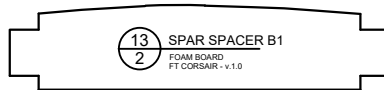
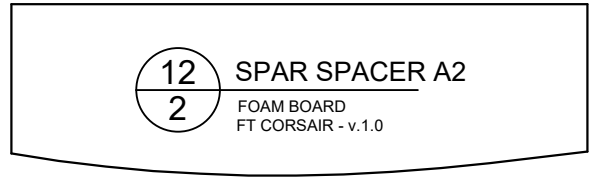
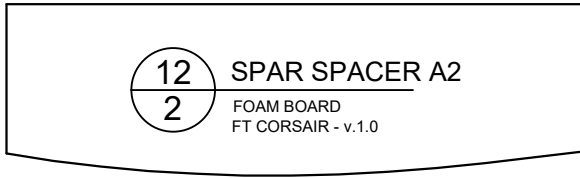
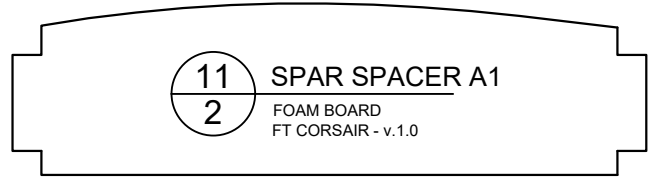
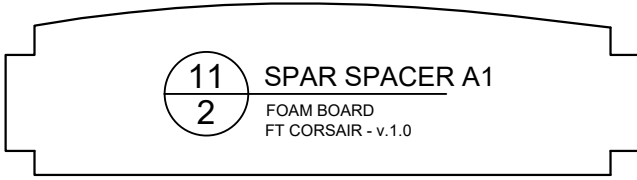
29 FORMER F  
FOAM BOARD  
FT CORSAIR - v.1.0  
2

F







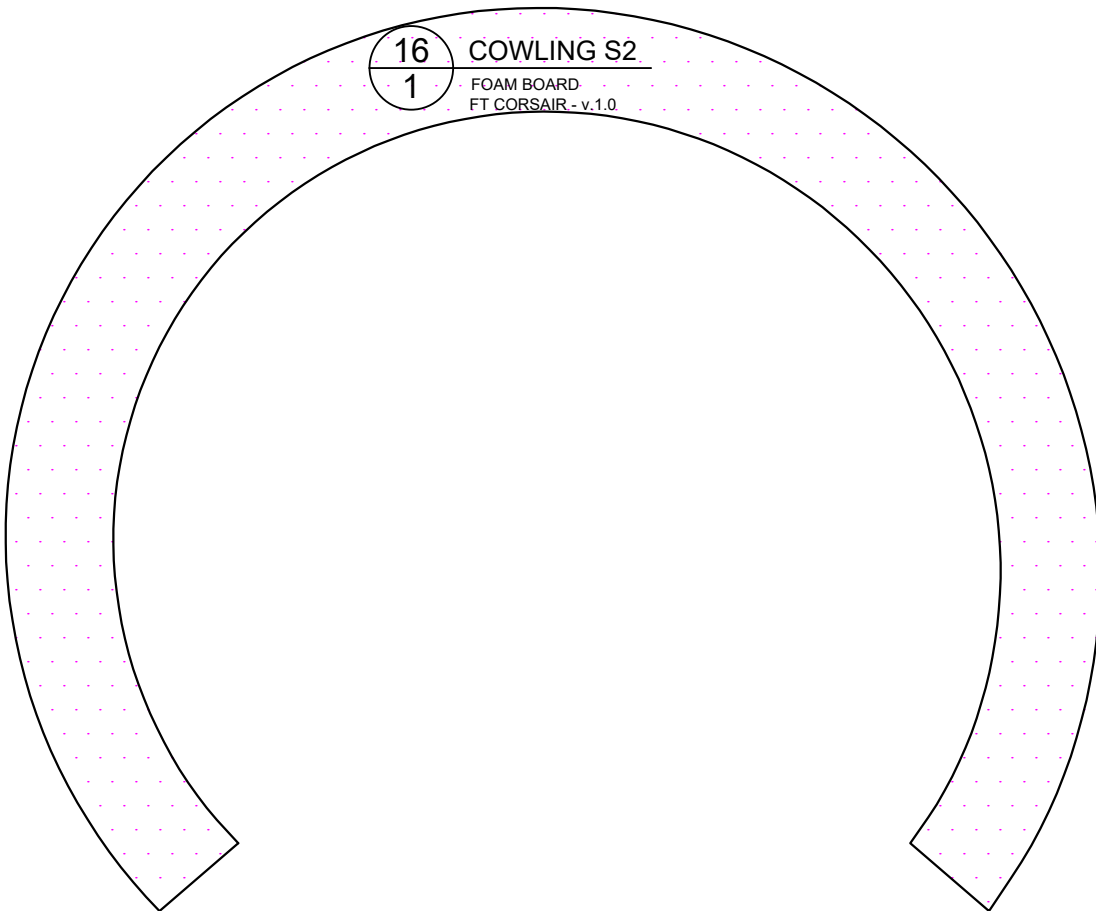


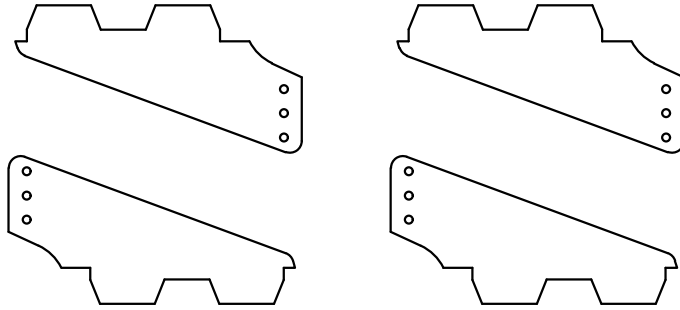
16

COWLING S2

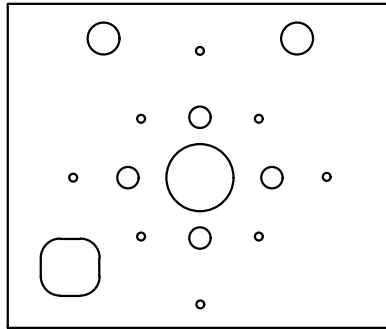
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FOAM BOARD  
FT CORSAIR - v.1.0

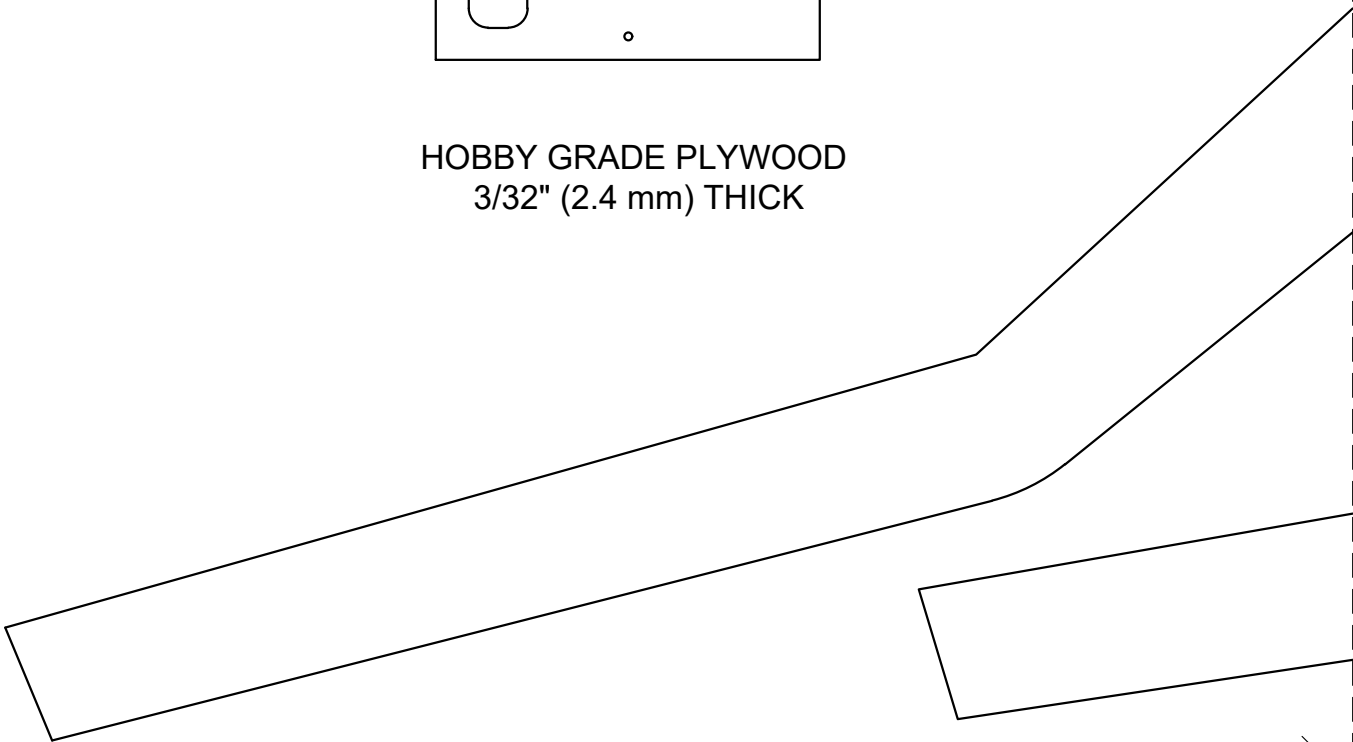




HOBBY GRADE PLYWOOD  
3/32" (2.4 mm) THICK

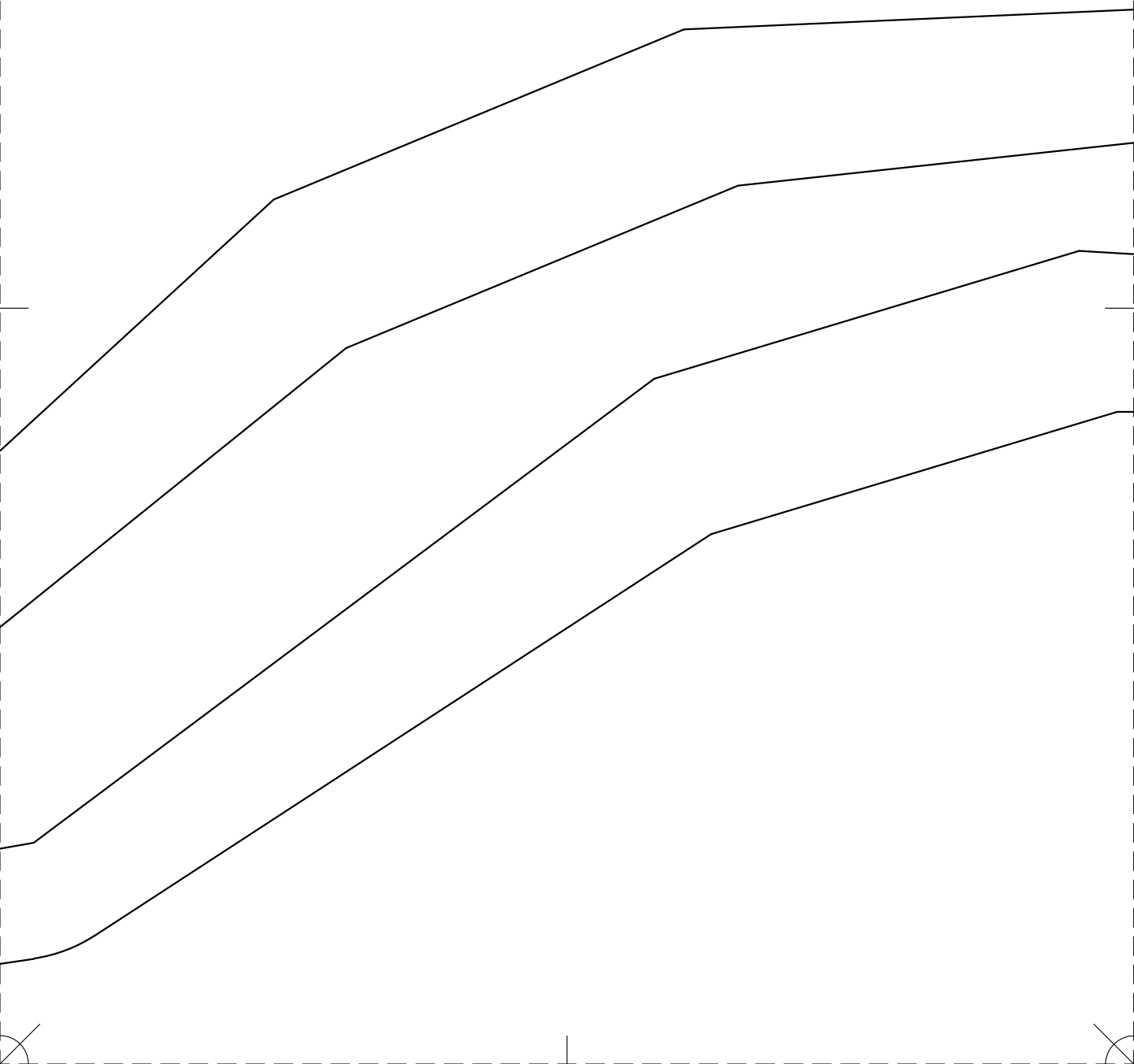


HOBBY GRADE PLYWOOD  
3/32" (2.4 mm) THICK



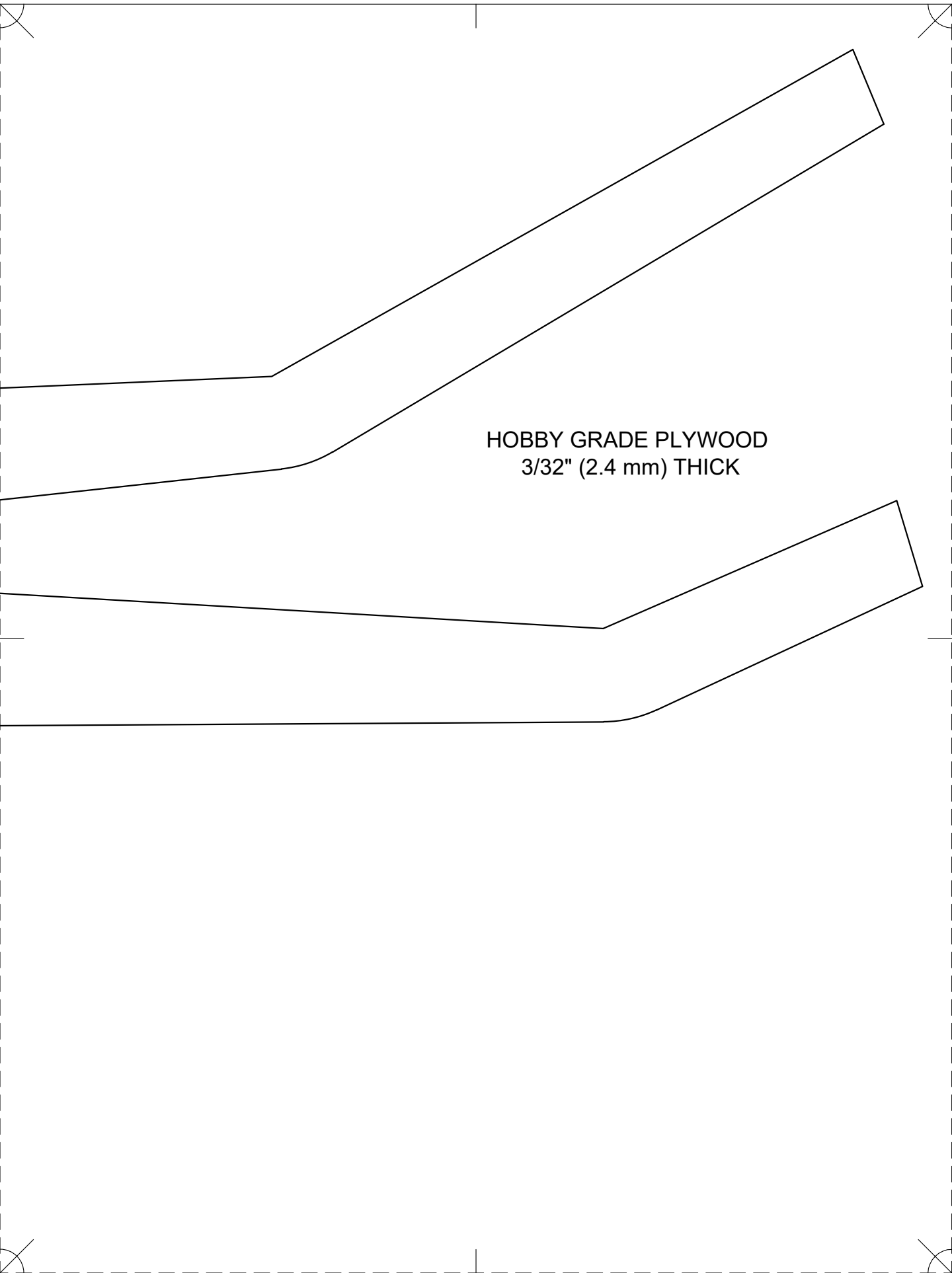


HOBBY GRADE PLYWOOD  
3/32" (2.4 mm) THICK





IN  
CM



HOBBY GRADE PLYWOOD  
3/32" (2.4 mm) THICK



IN  
CM



## VINYL CANOPY DECALS

