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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

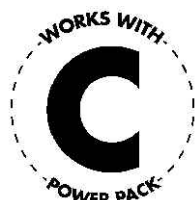
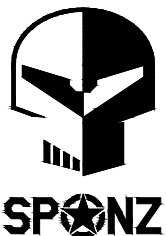


## GENERAL SPECIFICATIONS:

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:

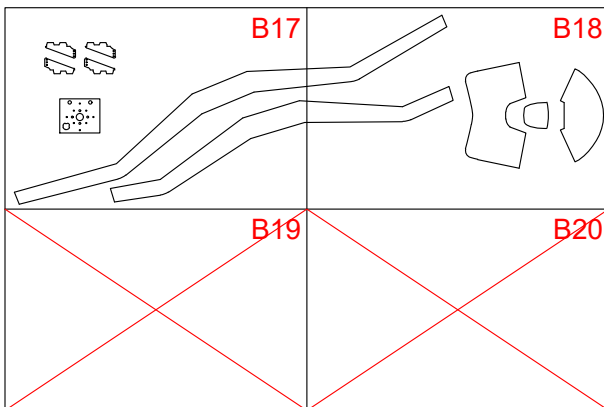
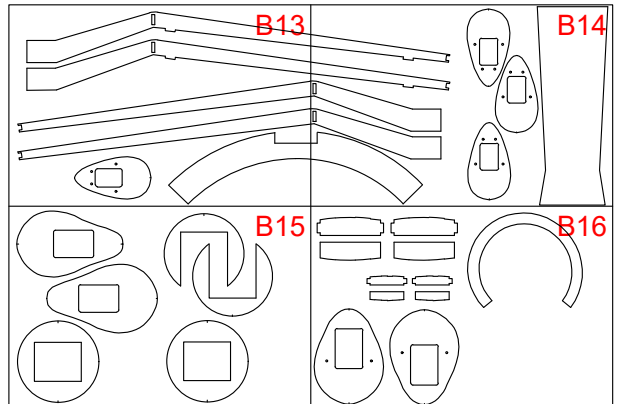
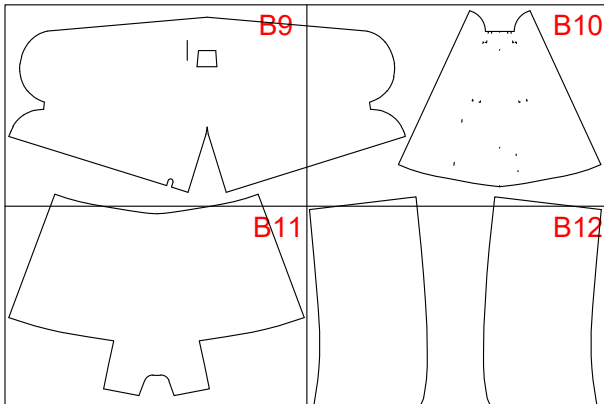
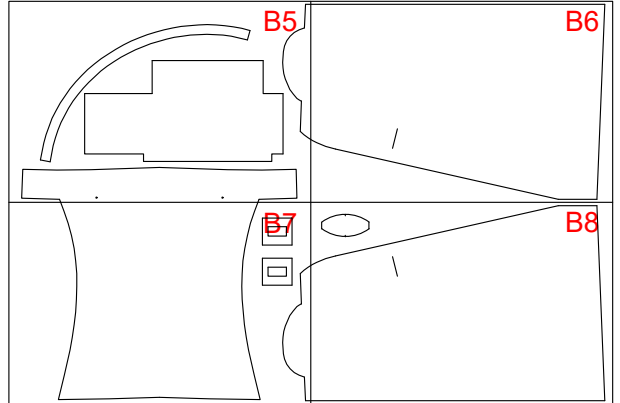
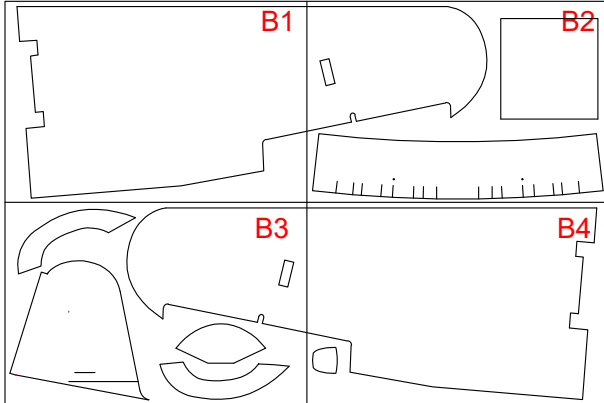


## PILOT SKILL LEVEL:





# FT Corsair: Tile B Key

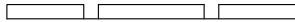
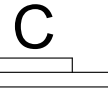
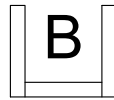
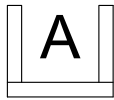




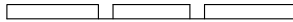
# Drawing Key



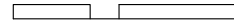
## FOLD TYPES



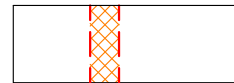
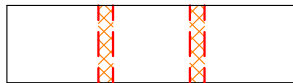
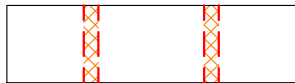
A - FOLD (ABOVE)



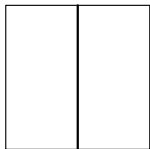
B - FOLD (BESIDE)



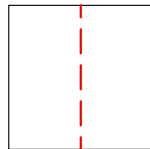
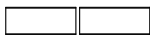
C - FOLD (COVER)



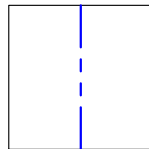
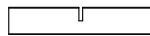
## LINE TYPE/COLOR



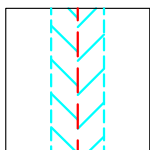
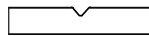
CUT



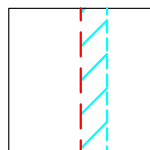
50% SCORE



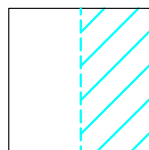
CREASE



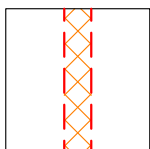
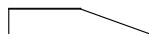
45° DOUBLE BEVEL



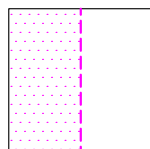
45° SINGLE BEVEL



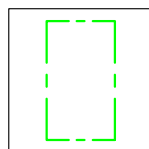
EDGE BEVEL



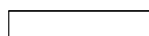
CAVITY



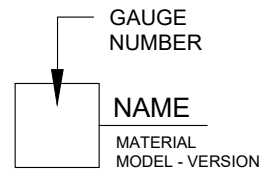
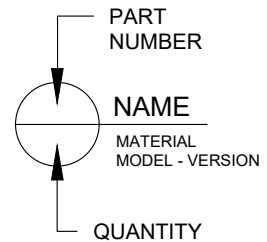
REMOVE PAPER



REFERENCE/  
OPTIONAL



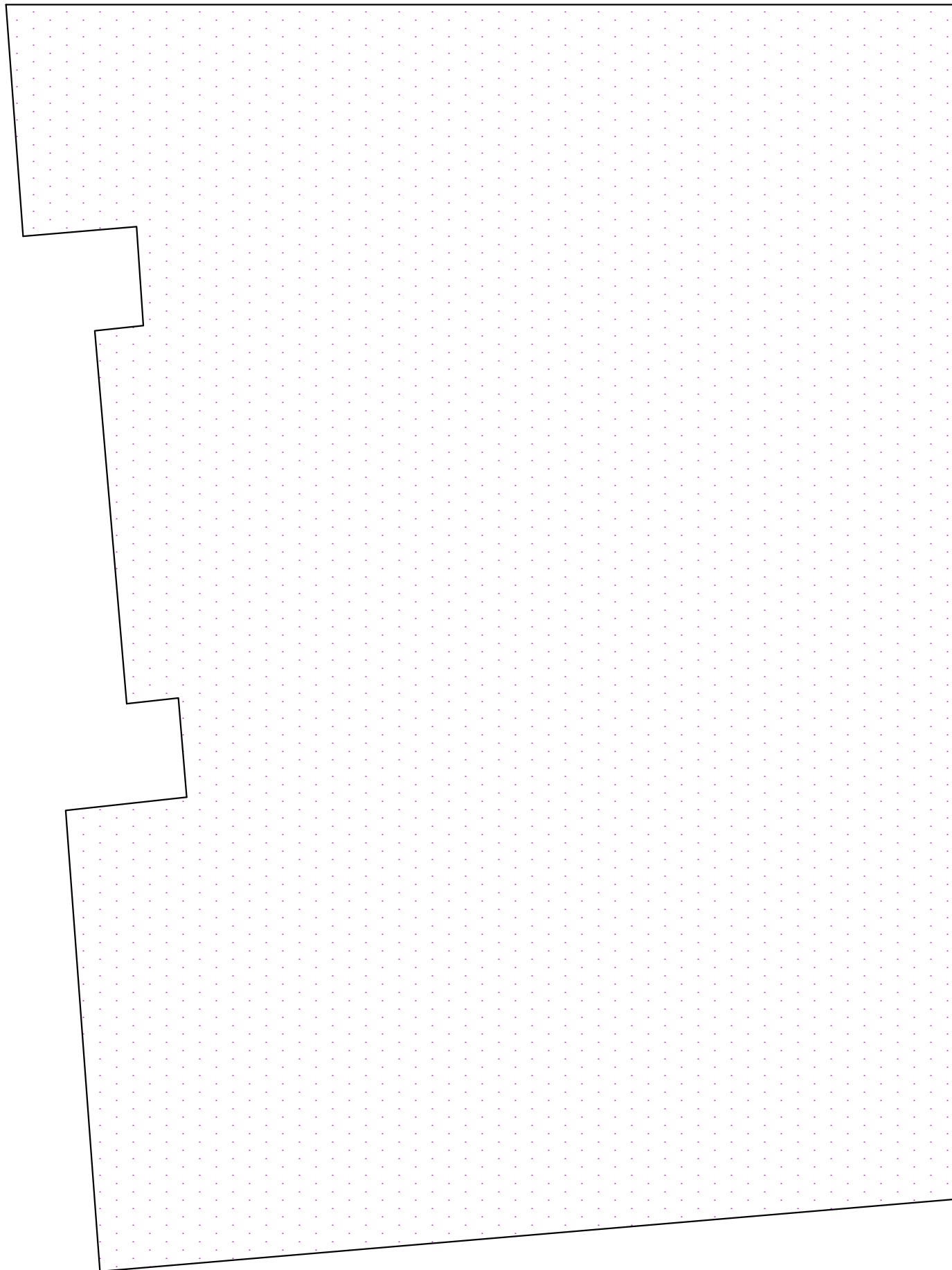
## SYMBOLS



CENTER OF GRAVITY (CG)

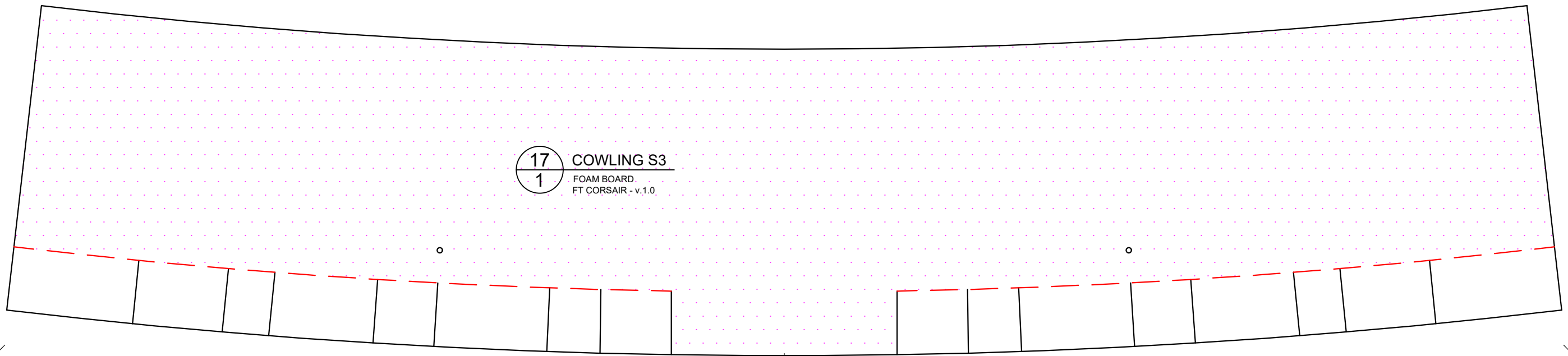
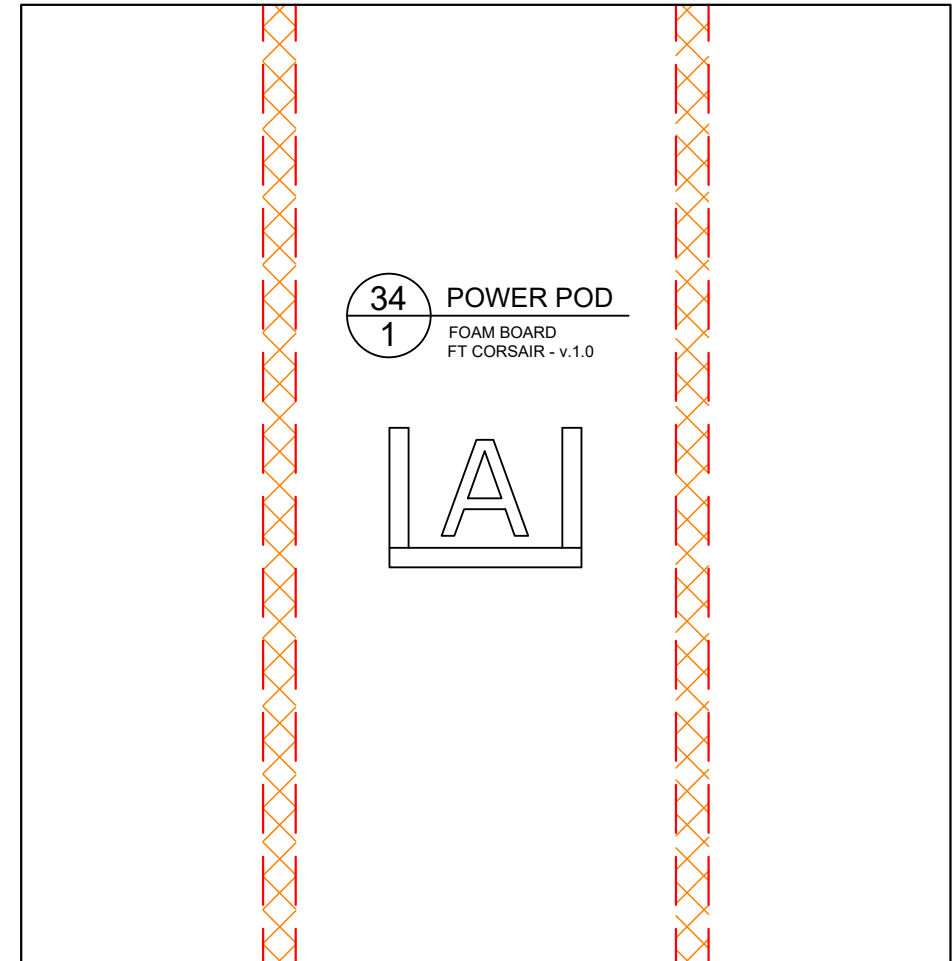
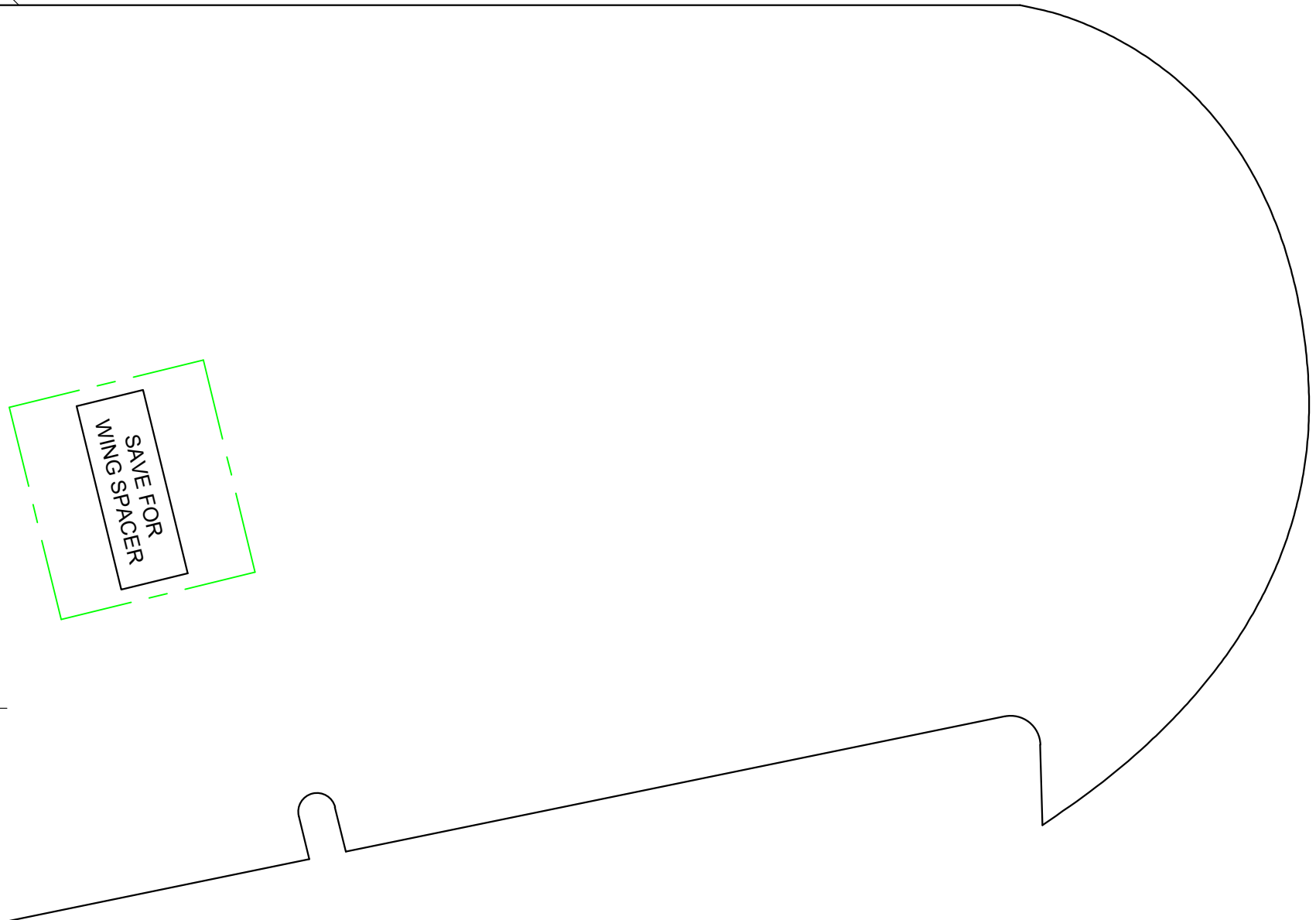


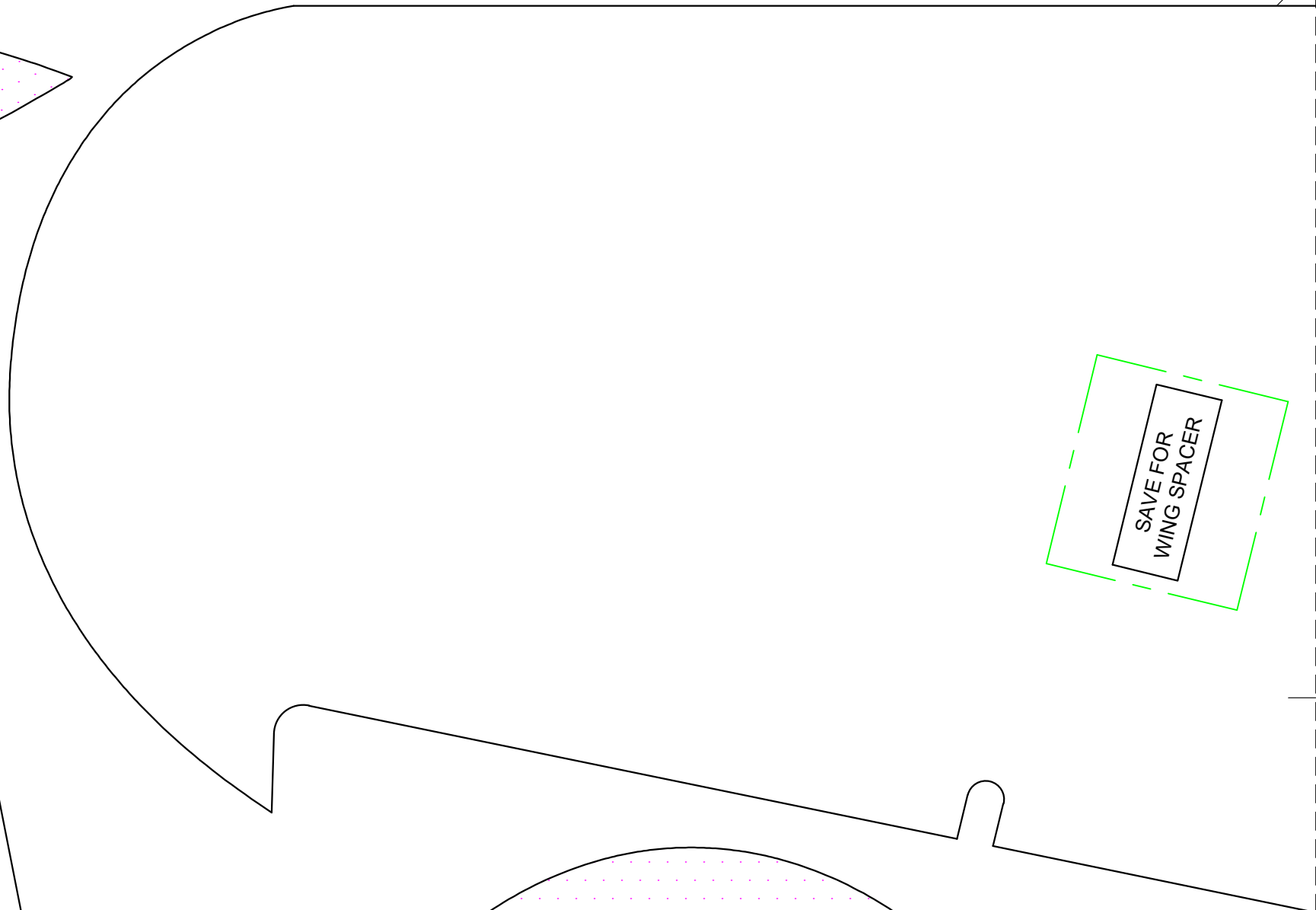
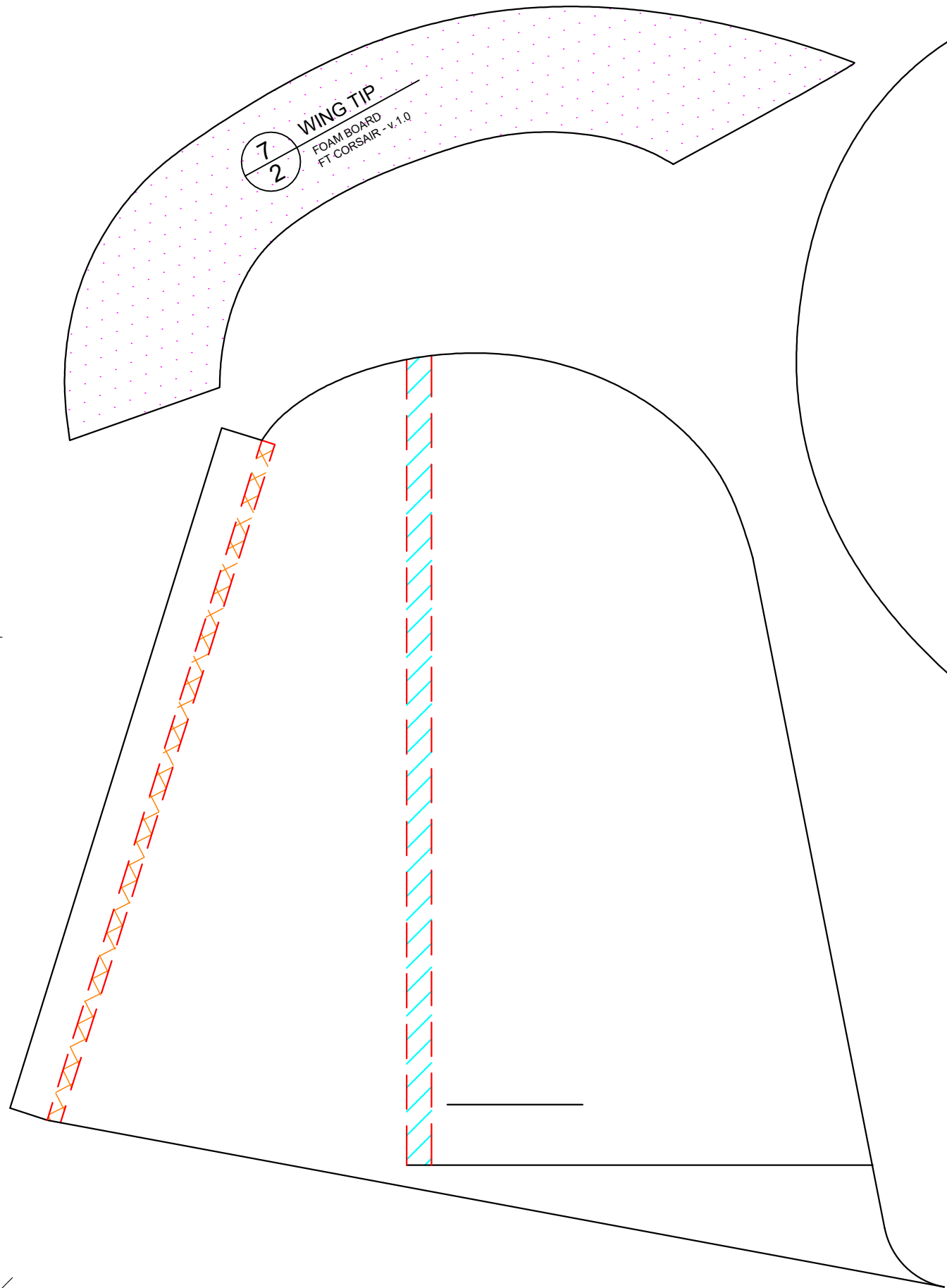
IN  
CM



**6** WING PANEL RB  
**1** FOAM BOARD  
FT CORSAIR - v.1.0

SAVE FOR  
WING SPACER





SAVE FOR  
WING SPACER

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

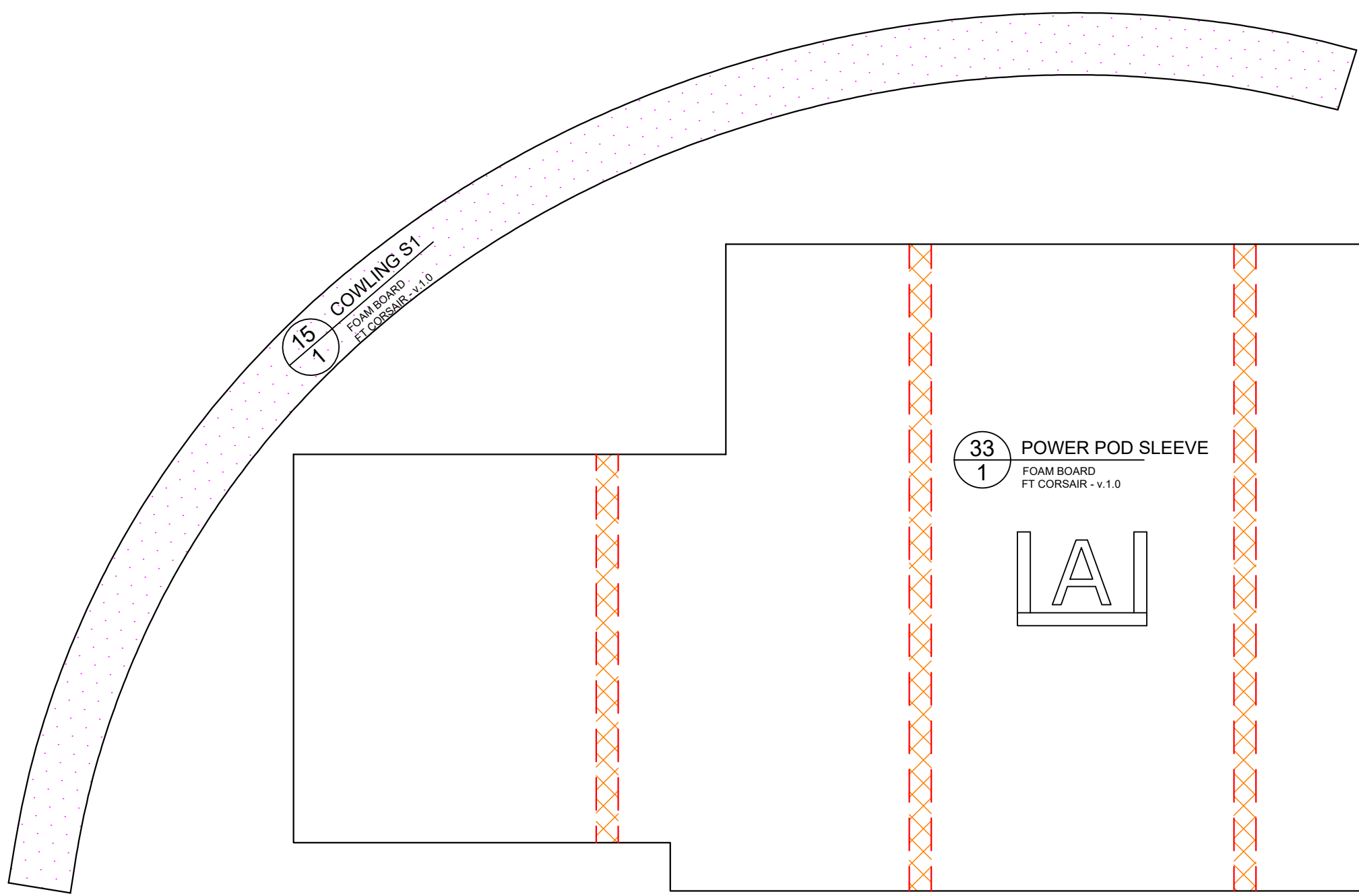
31  
1 CANOPY 1  
FOAM BOARD  
FT CORSAIR - v.1.0

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

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

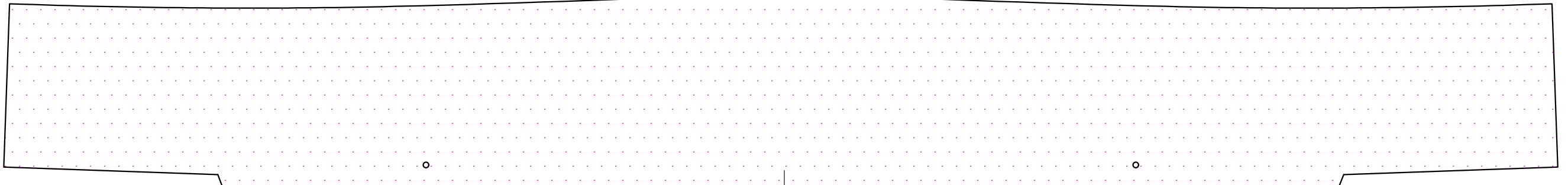
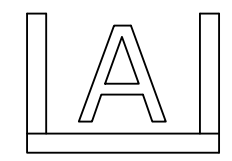
**32** CANOPY 2  
**1** FOAM BOARD  
FT CORSAIR - v.1.0





15  
1  
COWLING S1  
FOAM BOARD  
FT CORSAIR - v.1.0

33  
1  
POWER POD SLEEVE  
FOAM BOARD  
FT CORSAIR - v.1.0

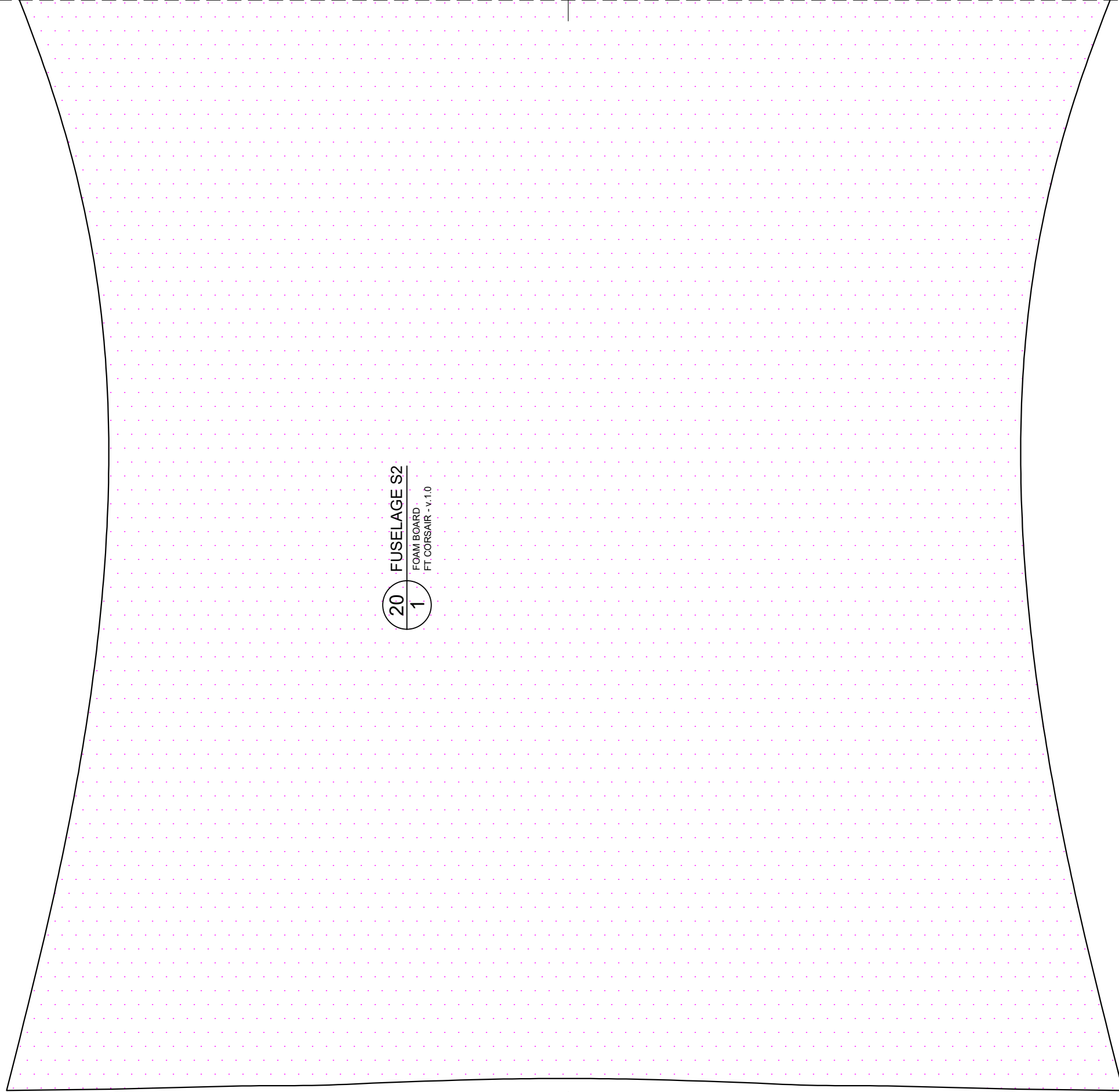




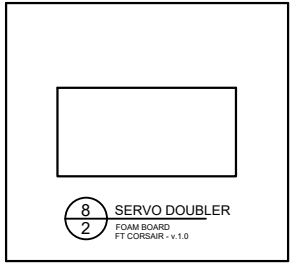


45° SINGLE BEVEL

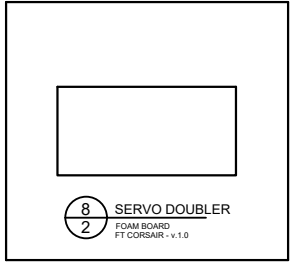
4 WING PANEL RT1  
1 FOAM BOARD  
FT CORSAIR - v.1.0



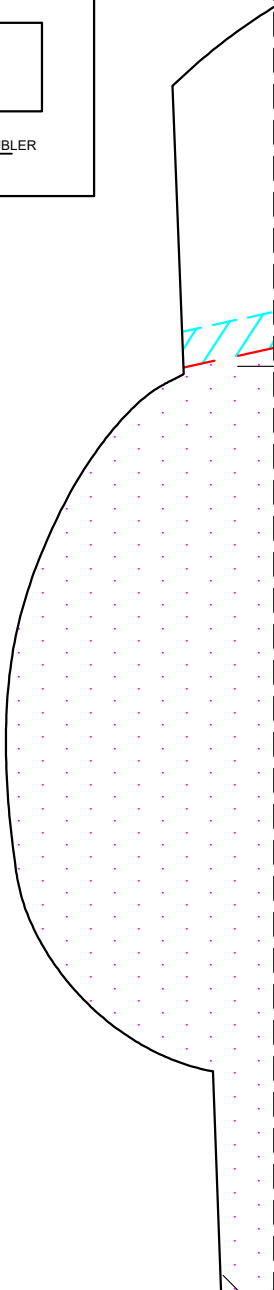
20  
1  
FUSELAGE S2  
FOAM BOARD  
FT CORSAIR - v.1.0

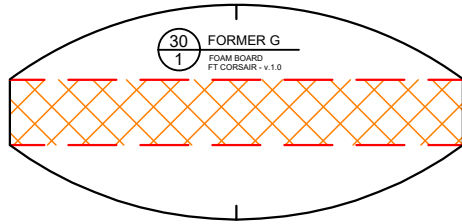


8  
2  
SERVO DOUBLER  
FOAM BOARD  
FT CORSAIR - v.1.0



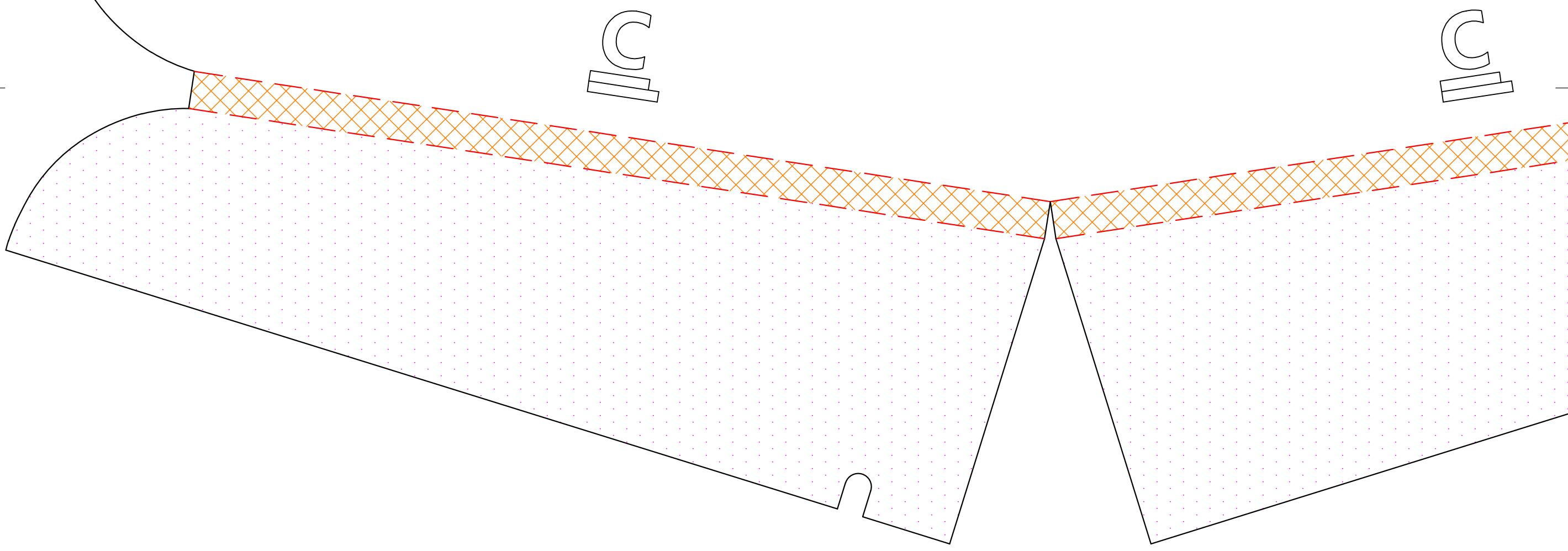
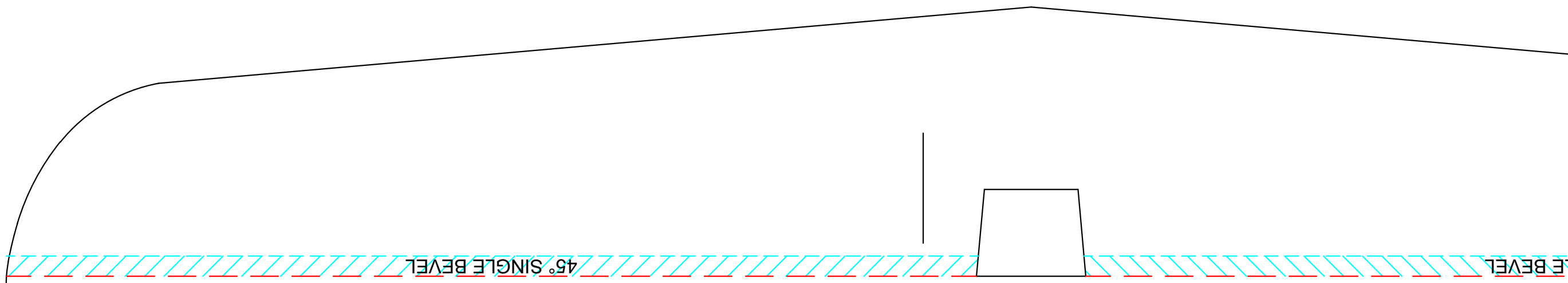
8  
2  
SERVO DOUBLER  
FOAM BOARD  
FT CORSAIR - v.1.0

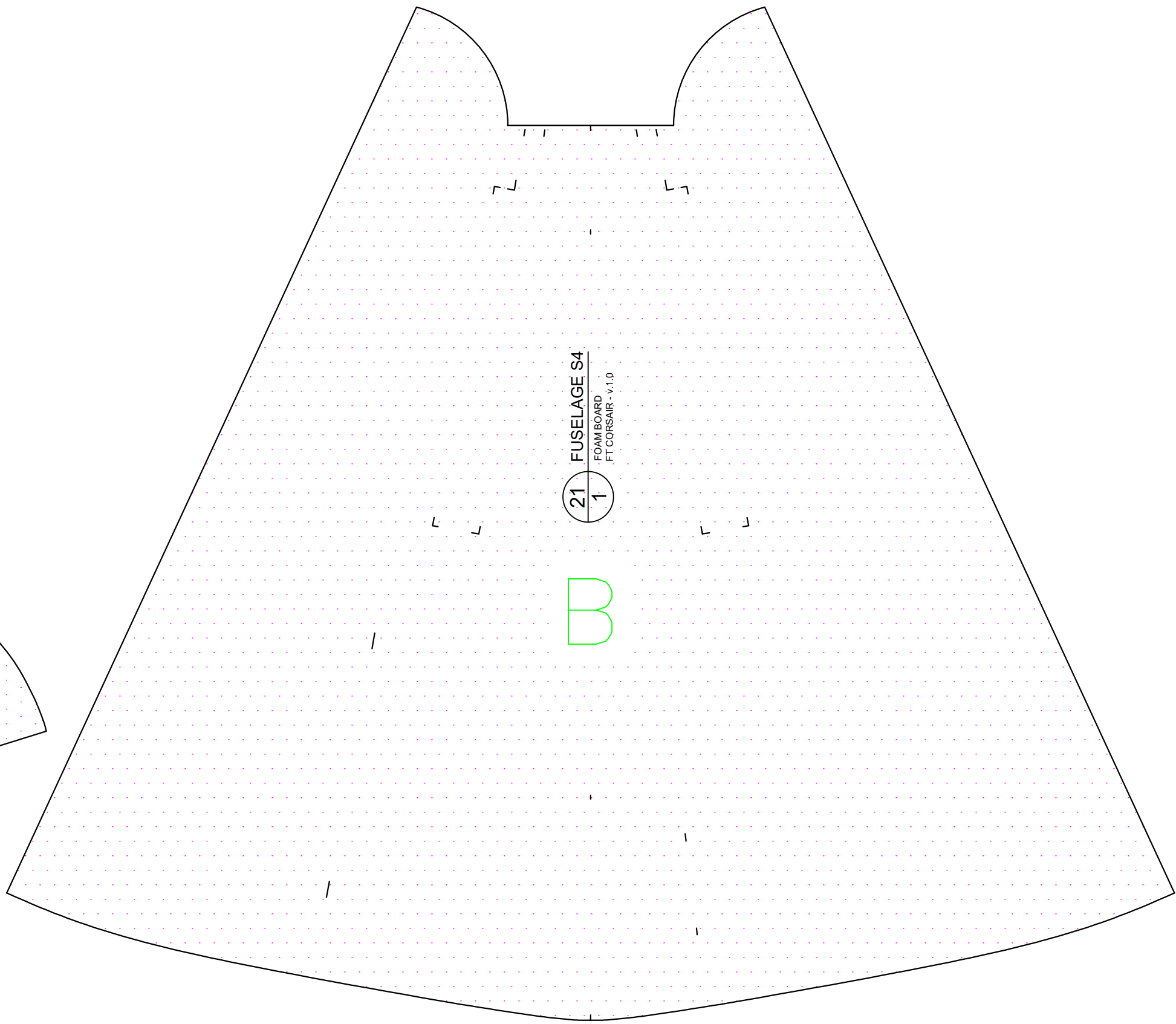
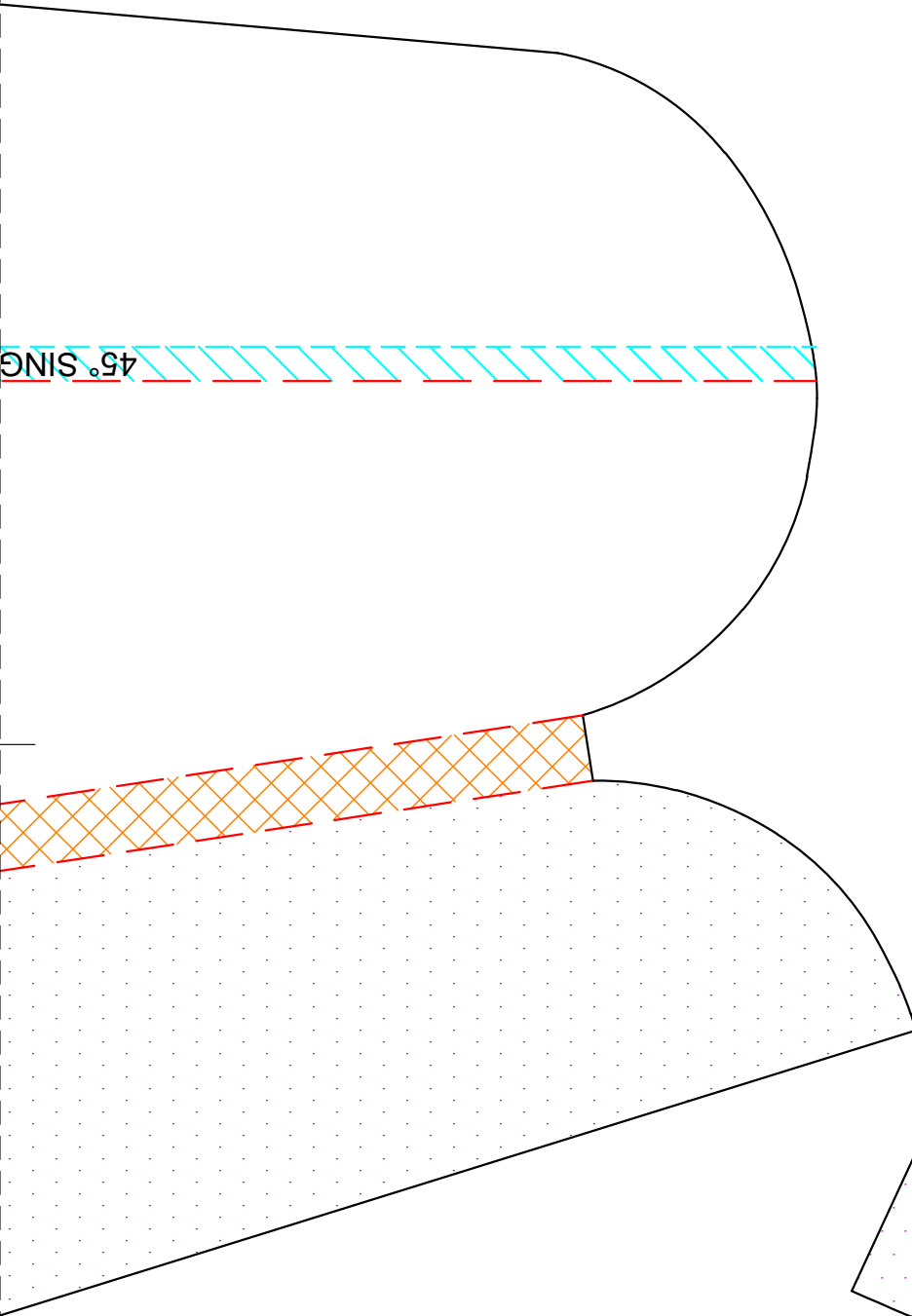


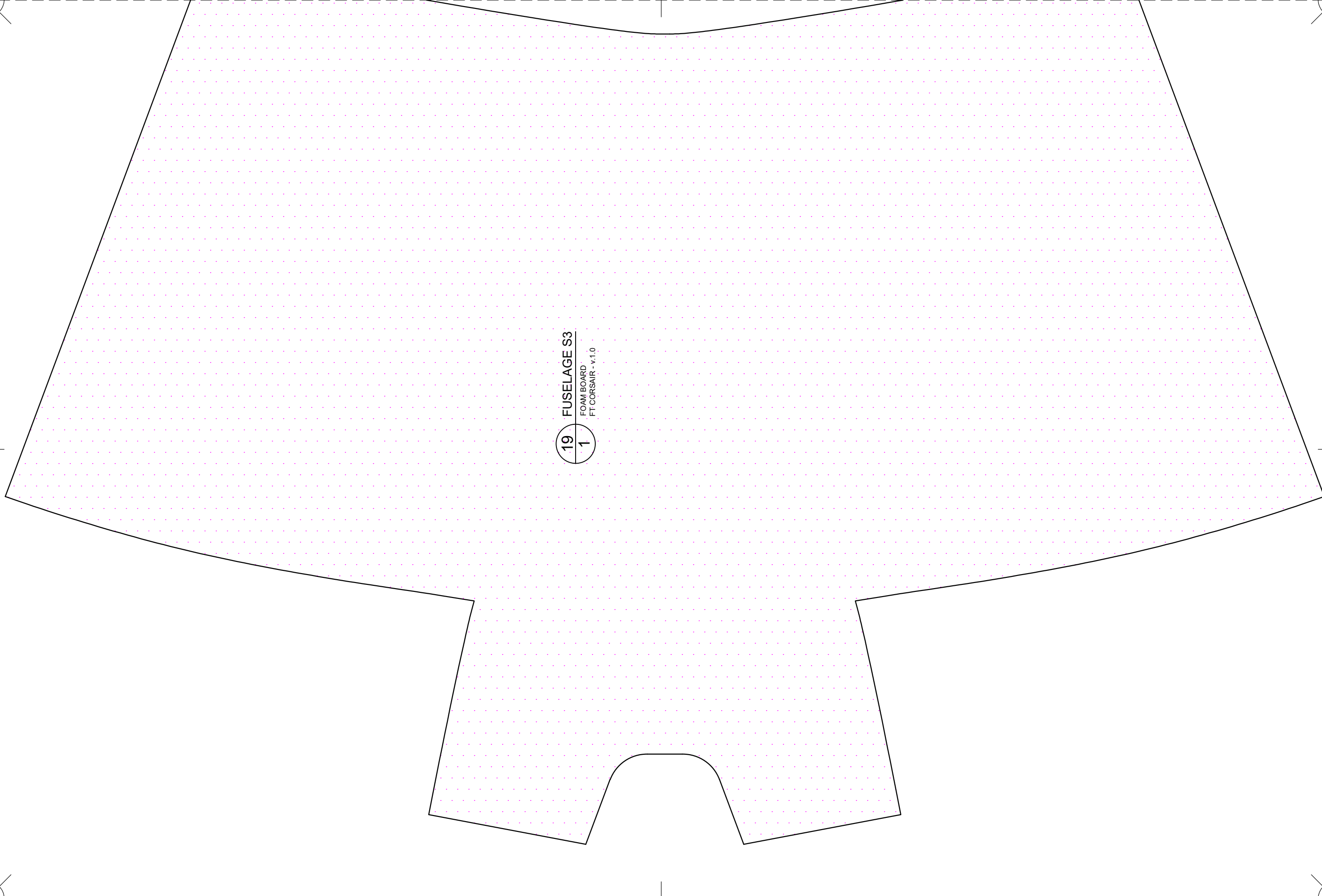


1 WING PANEL LT1  
1 FOAM BOARD  
FT CORSAIR - v.1.0

45° SINGLE BEVEL







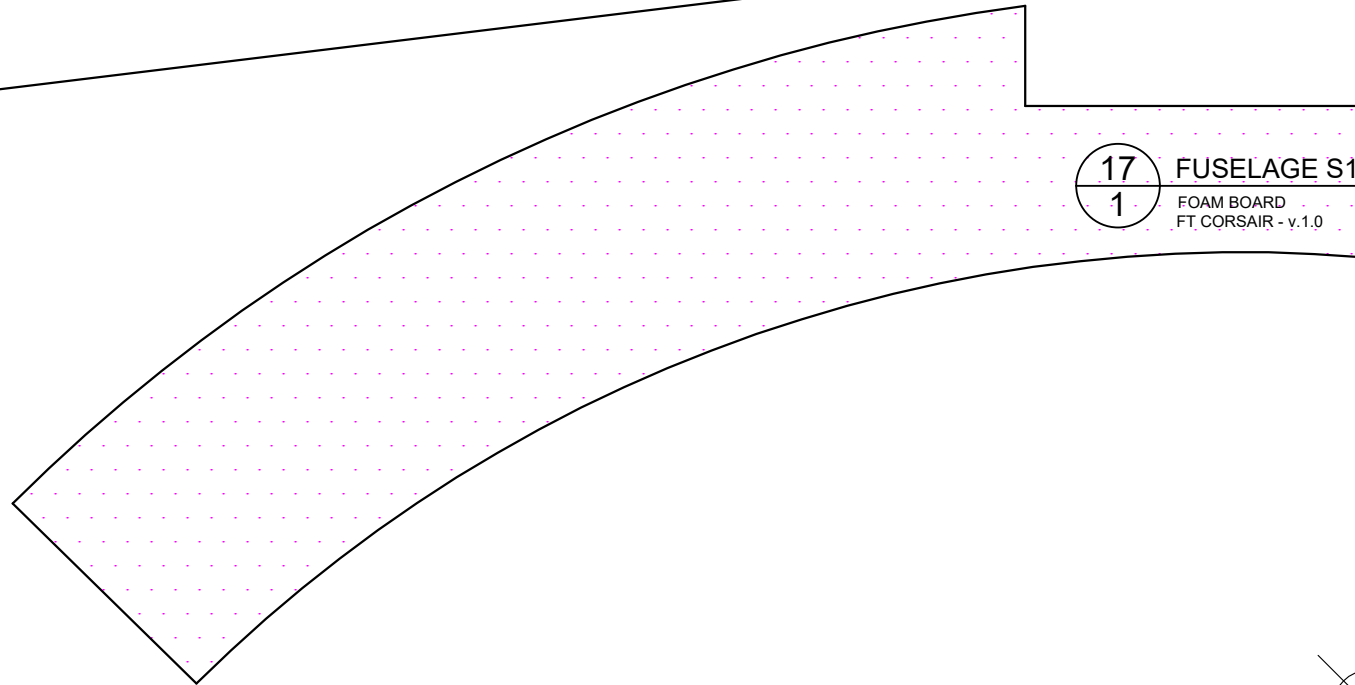
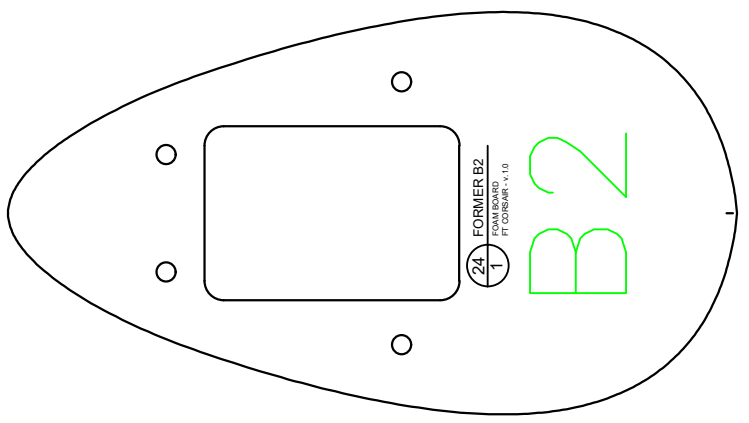
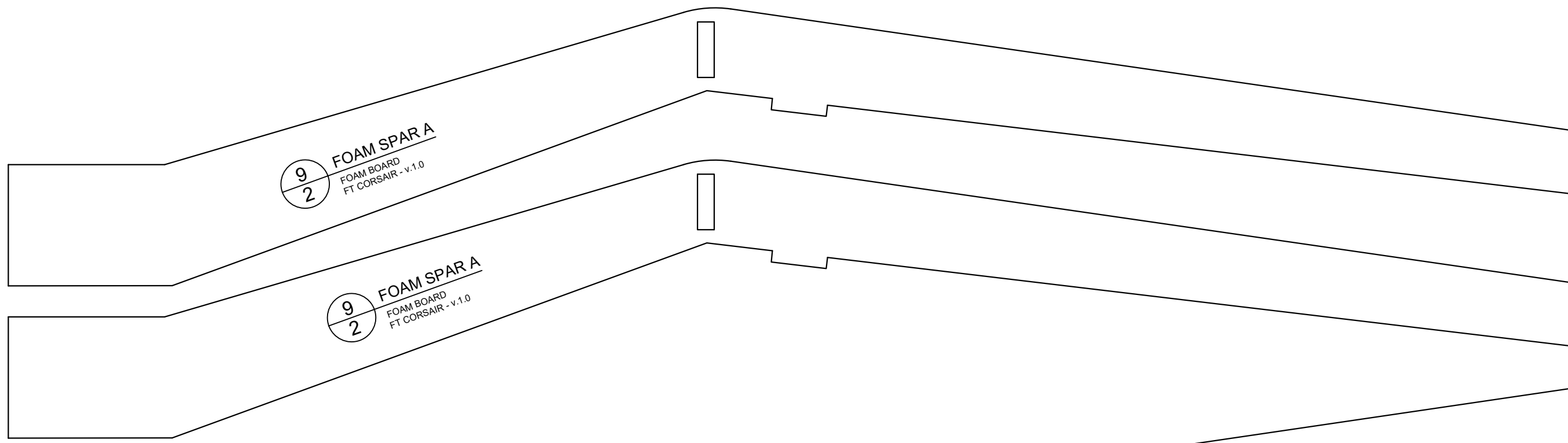
19 FUSELAGE S3  
FOAM BOARD  
FT CORSAIR - v.1.0

2  
1

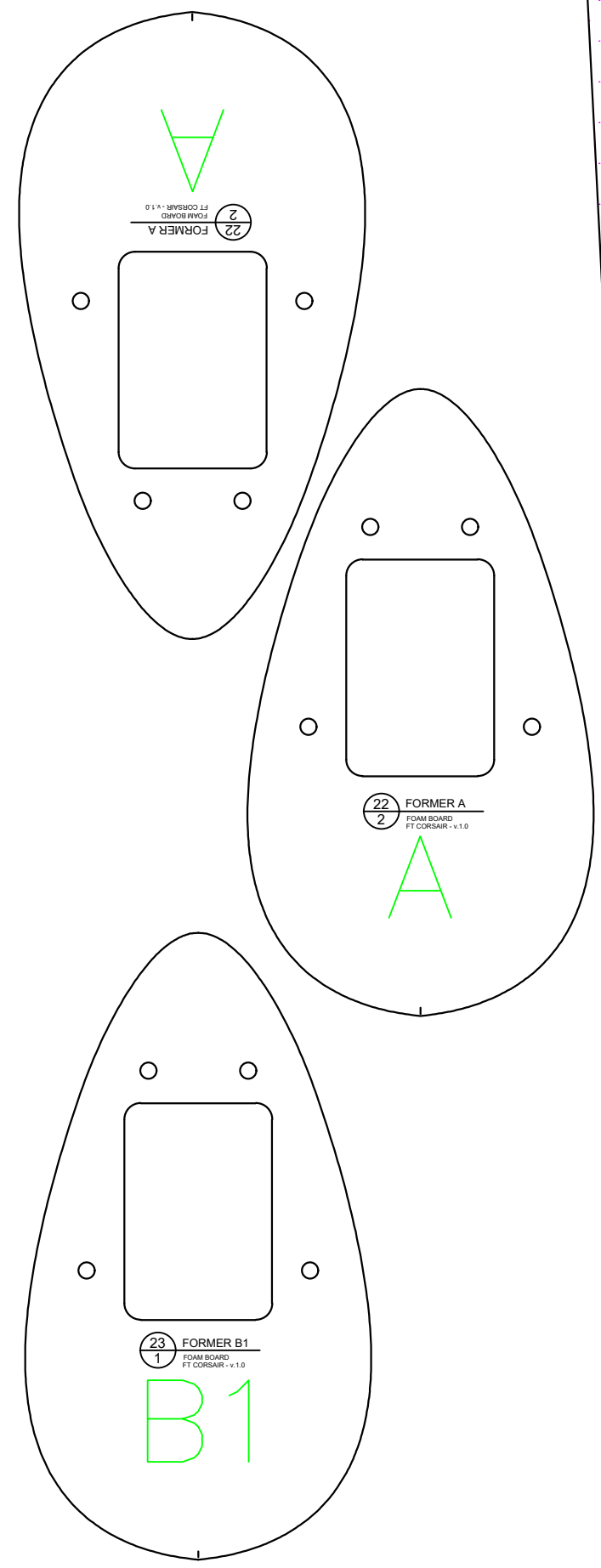
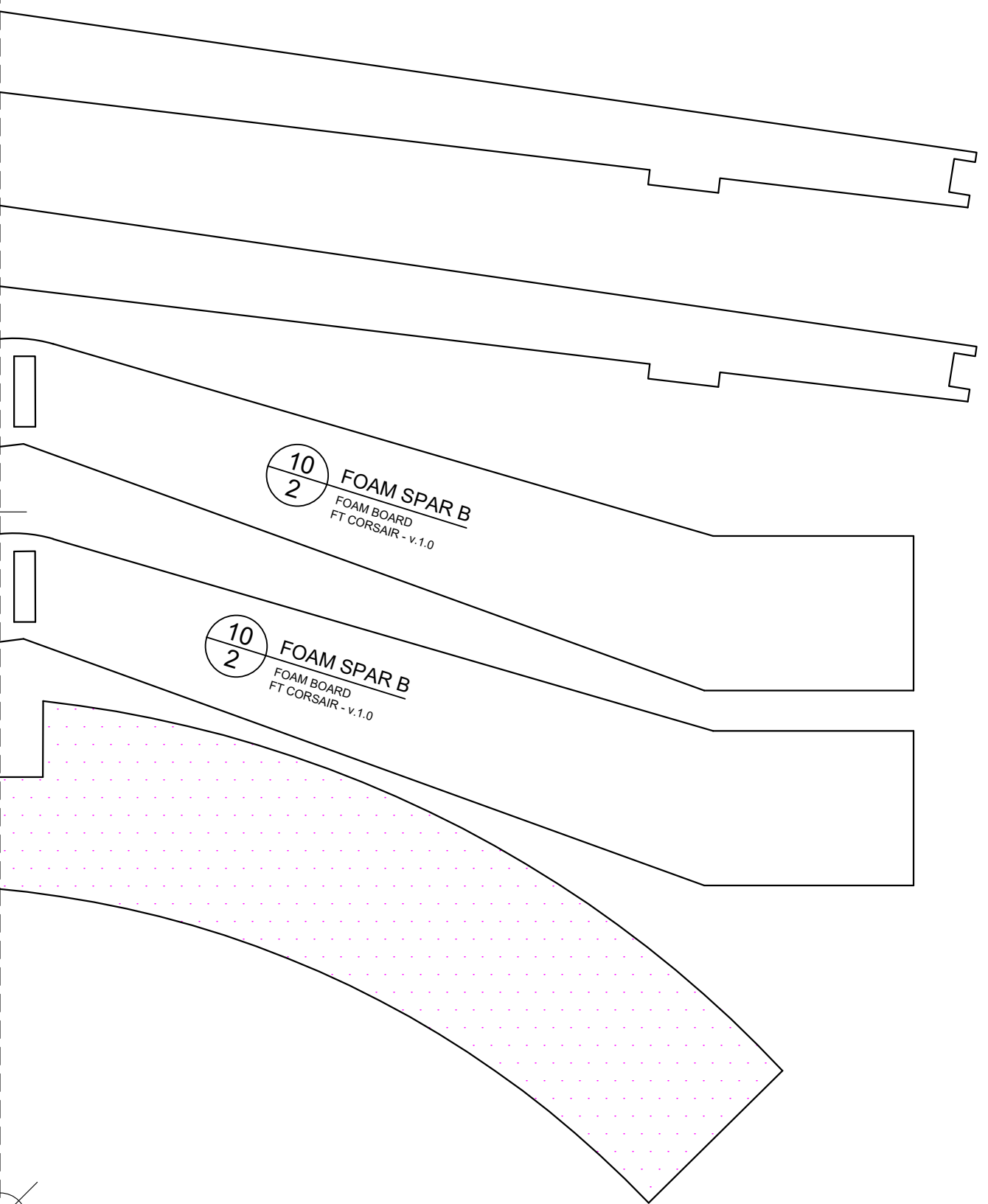
WING PANEL LT2  
FOAM BOARD  
FT CORSAIR - v.1.0

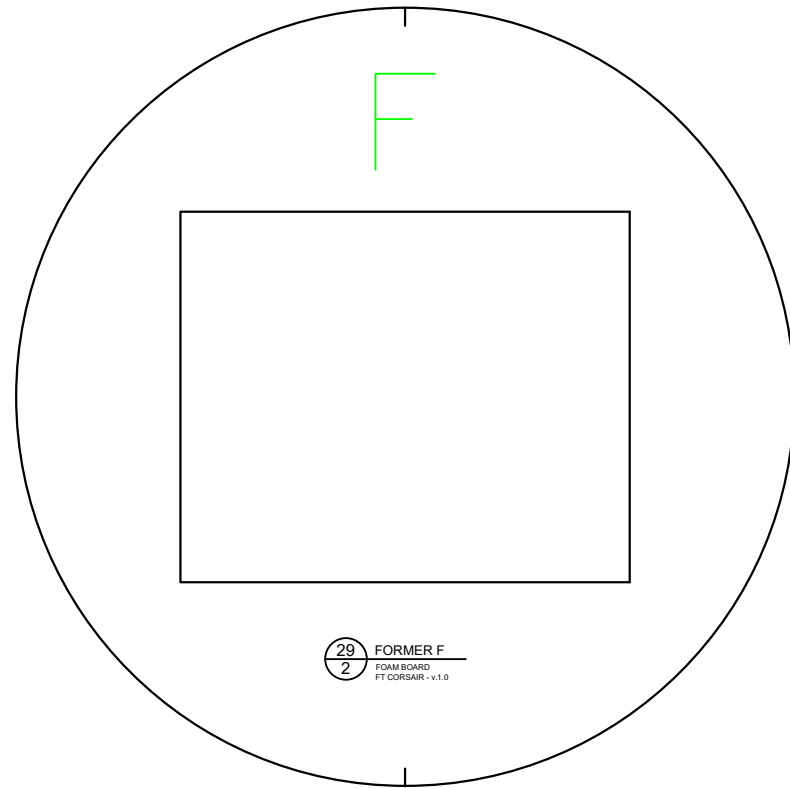
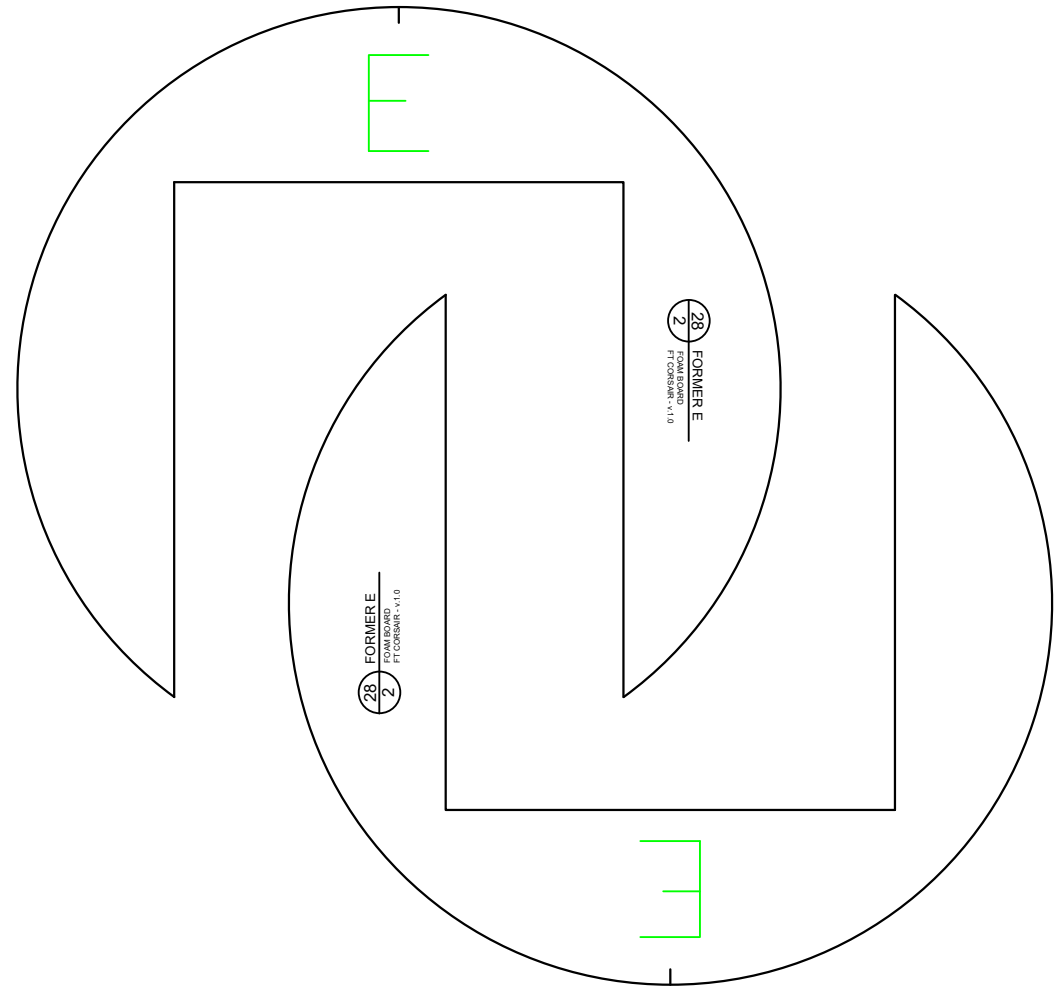
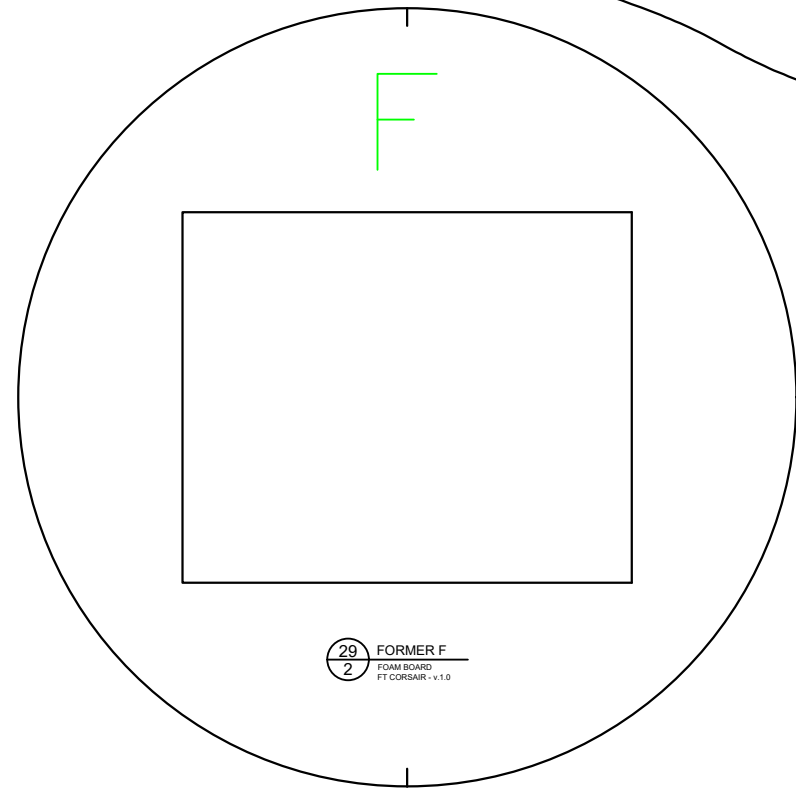
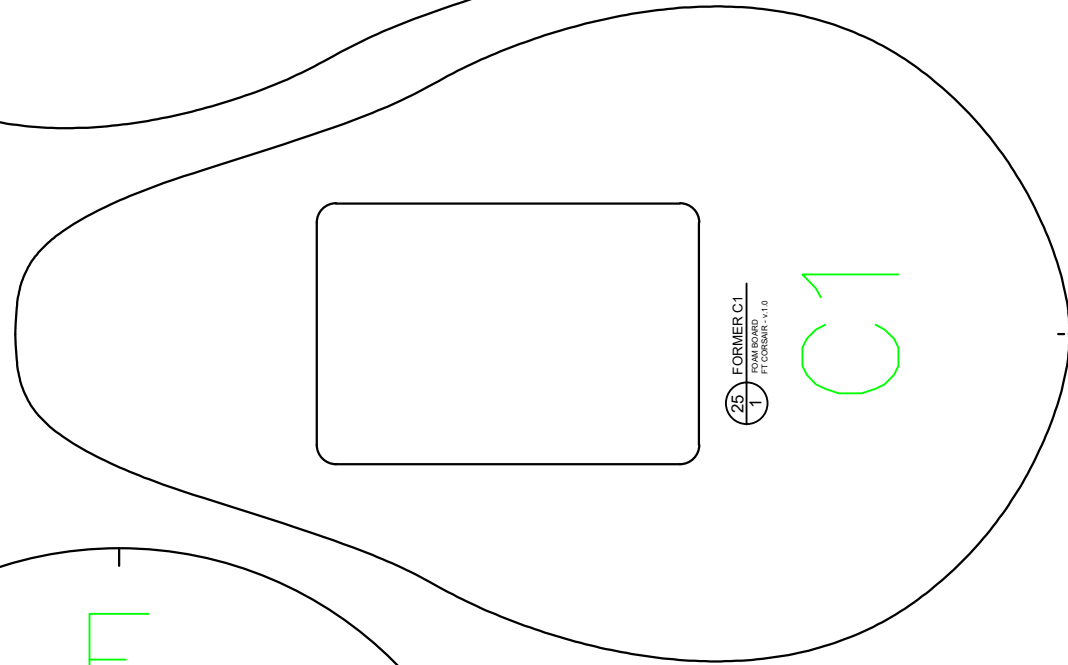
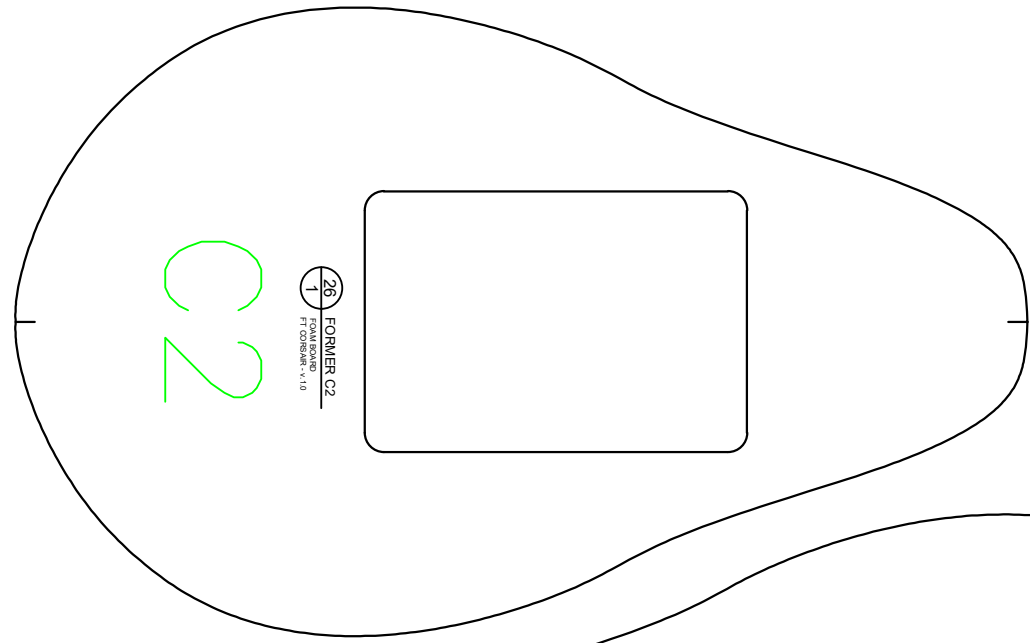
5  
1

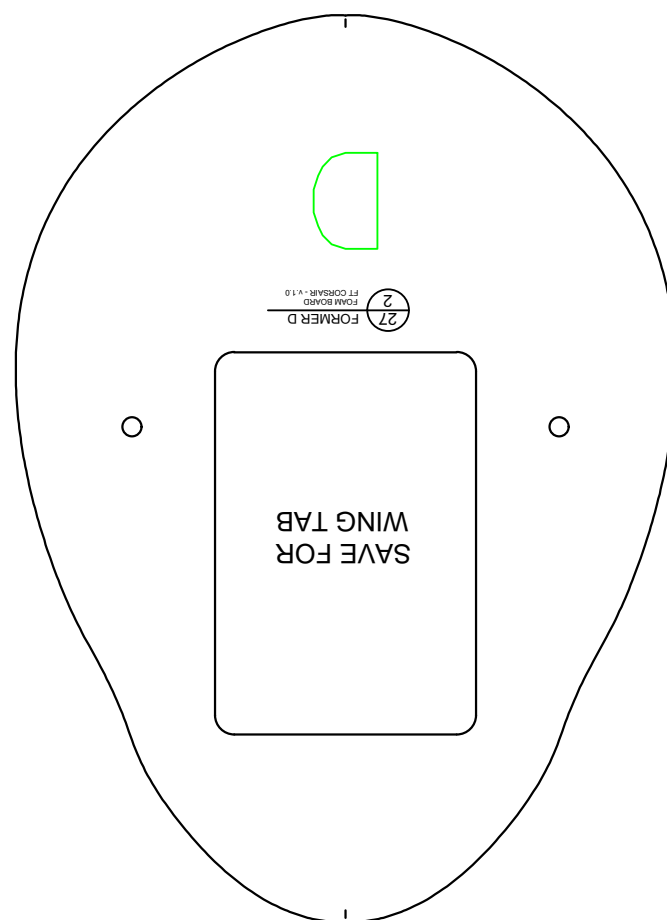
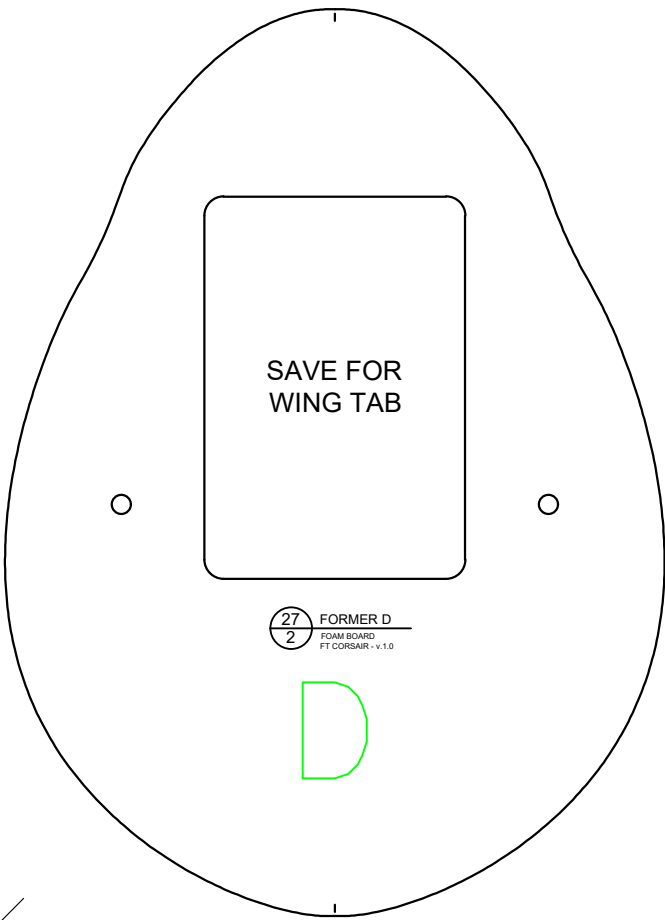
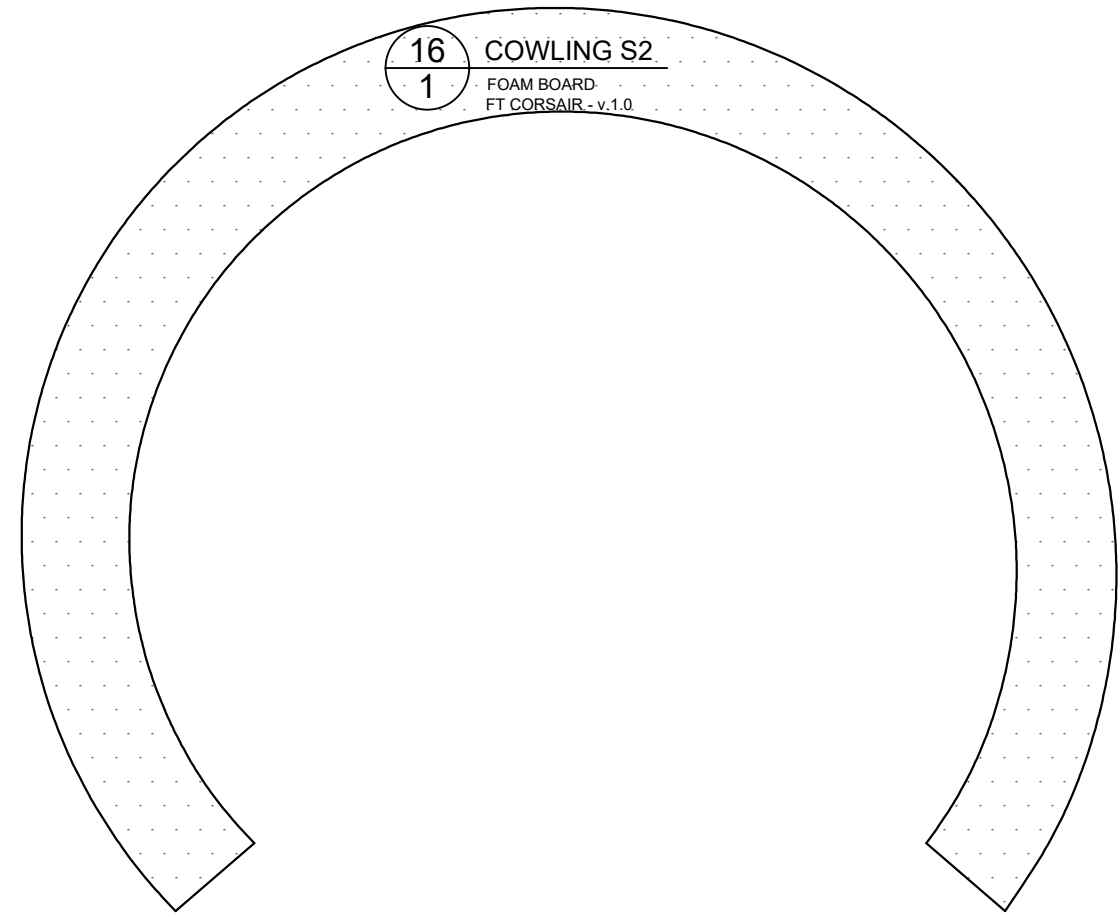
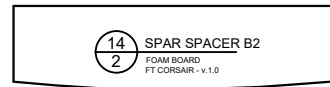
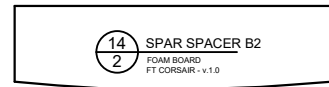
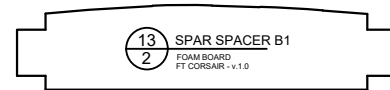
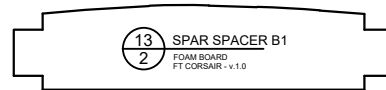
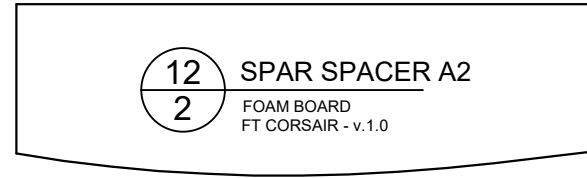
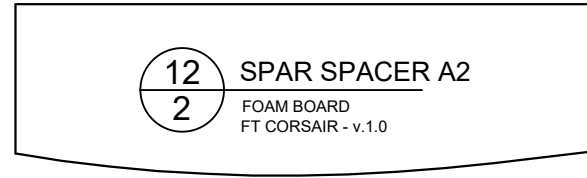
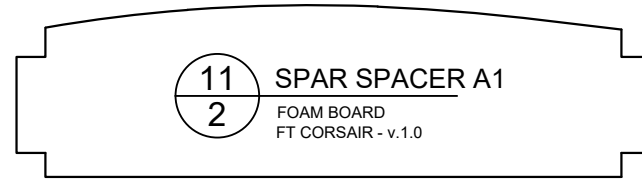
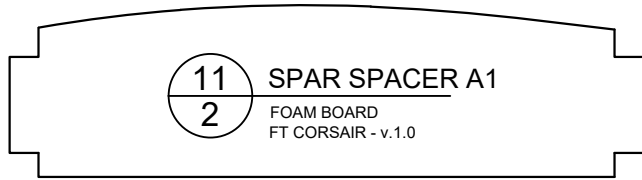
WING PANEL RT2  
FOAM BOARD  
FT CORSAIR - v.1.0

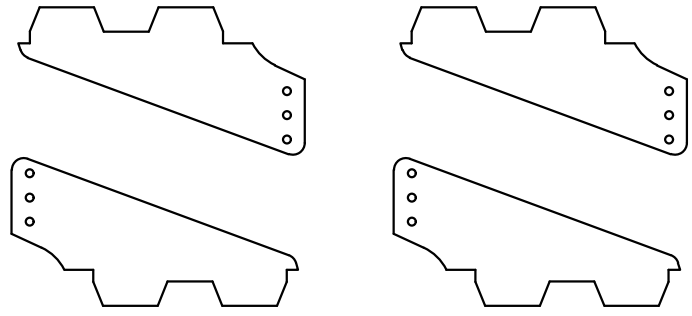






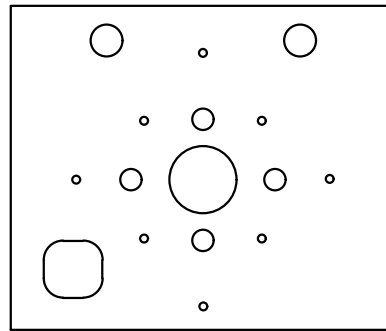




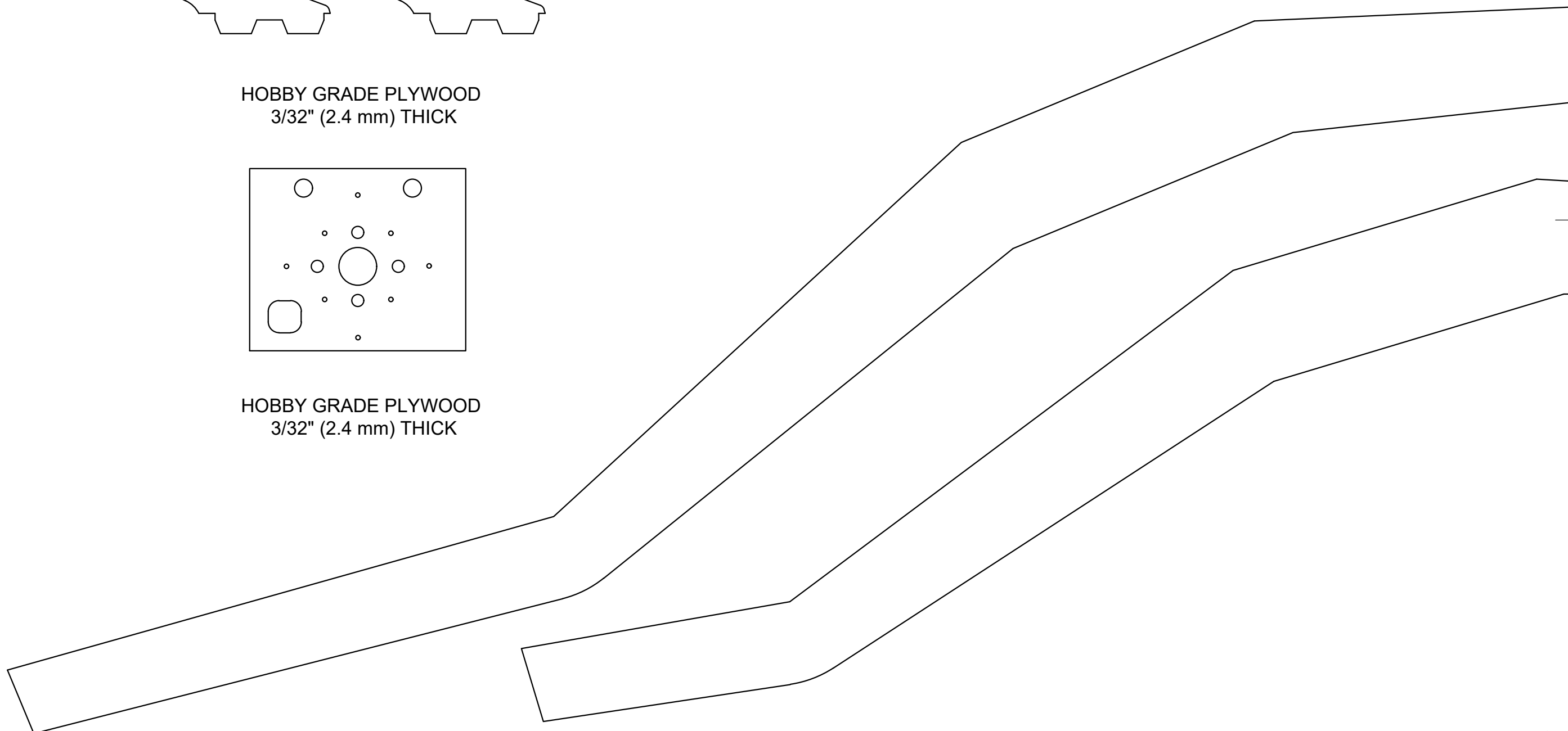


HOBBY GRADE PLYWOOD  
3/32" (2.4 mm) THICK

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

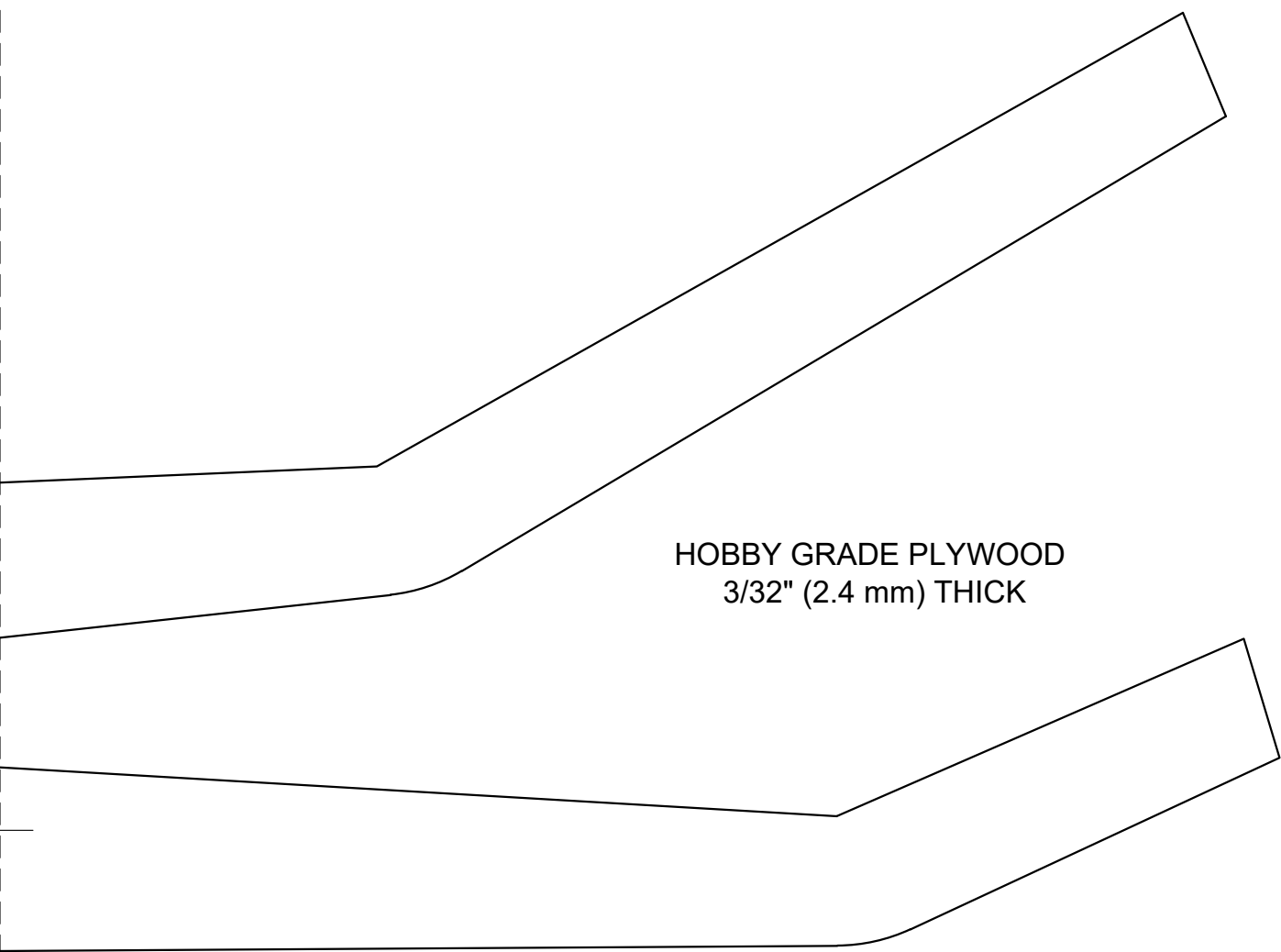


HOBBY GRADE PLYWOOD  
3/32" (2.4 mm) THICK





IN  
CM



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

VINYL CANOPY DECALS

