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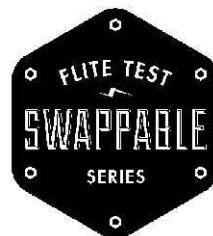
# FT Legacy

Designed By: Josh Bixler

Drawing By: Dan Sponholz

Version: 1.0

Date: 2018.06.15



## GENERAL SPECIFICATIONS:

LENGTH: 39.50 in | 1003 mm

CG: 2.50 in | 64 mm

WINGSPAN: 56.50 in | 1435 mm

WING AREA: 497.1 in<sup>2</sup> | 32.1 dm<sup>2</sup>

DRY WEIGHT: 39.2 oz. | 1111 g

ALL UP WEIGHT: 52.0 oz. | 1475 g

WING LOADING: 15.1 oz/ft<sup>2</sup> | 46 g/dm<sup>2</sup>

WCL: 8.1

THROWS: 12° - 16°

EXPO: 30%

CHANNELS: 3-6 [THR | RUD | ELE | AIL | FLAPS | ACC]

## RECOMMENDED ELECTRONICS:

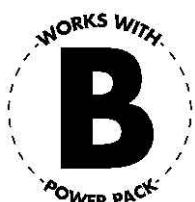
MOTOR: Park 425 1000 kv min.

PROPELLER: 9x4.5 (4S) to 10x4.5 (3S)

ESC: 30 amp min.

SERVOS: (2-7) 9 gram

BATTERY: 2200-3300 mAh 3S-4S



## BUILD SKILL LEVEL:

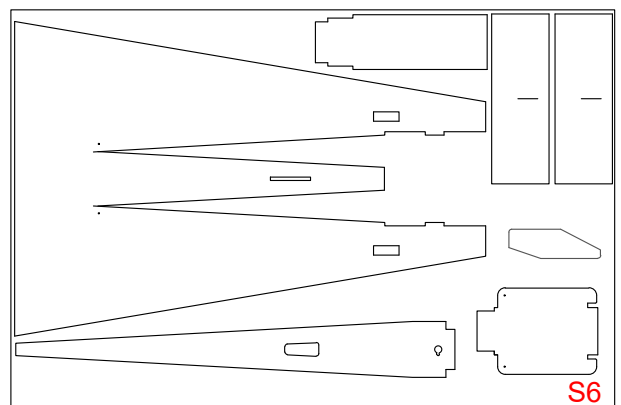
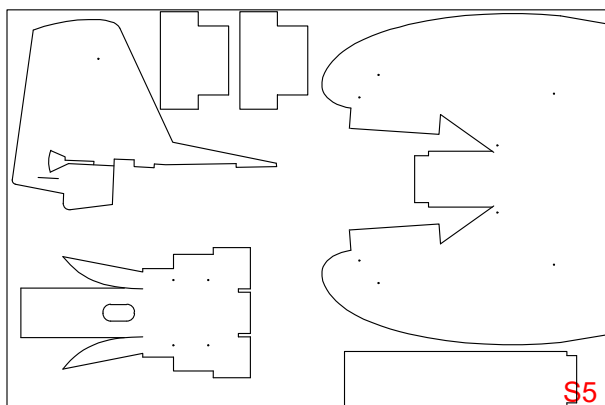
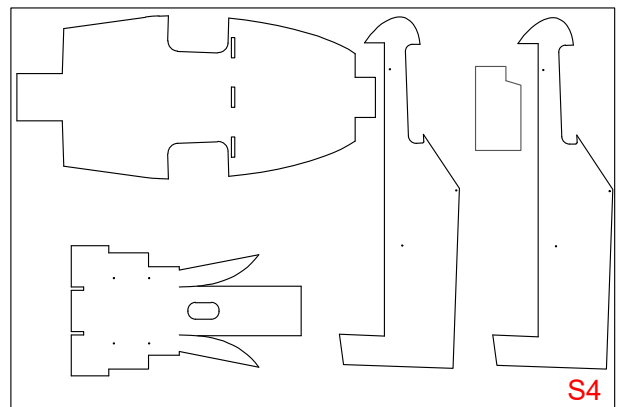
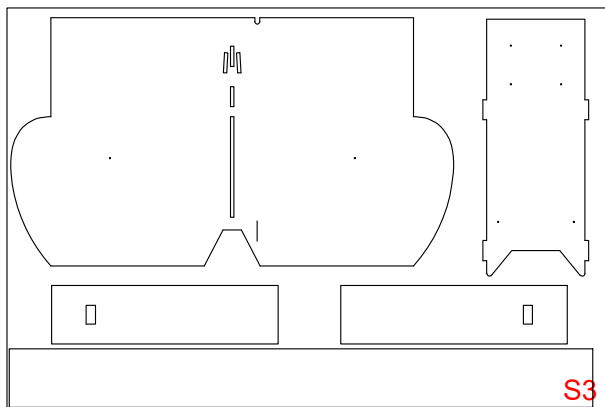
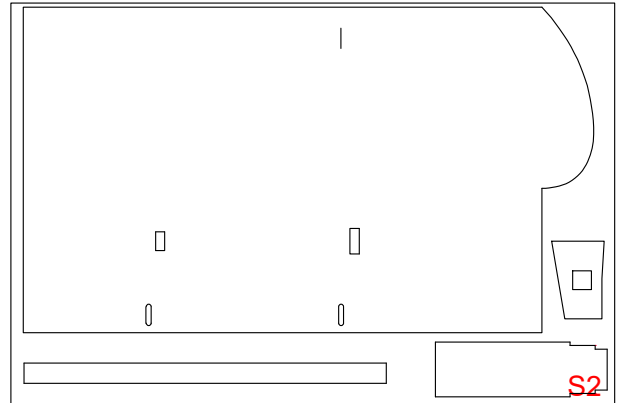
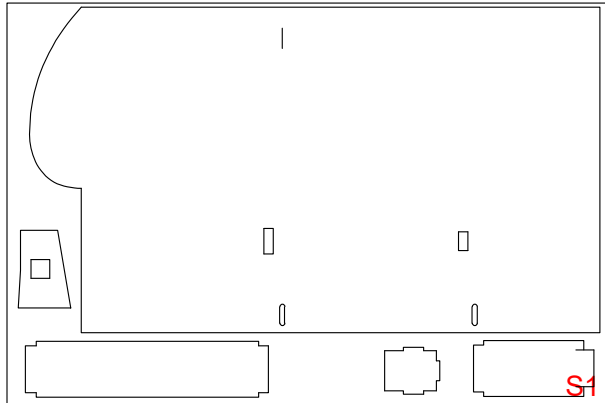


## PILOT SKILL LEVEL:



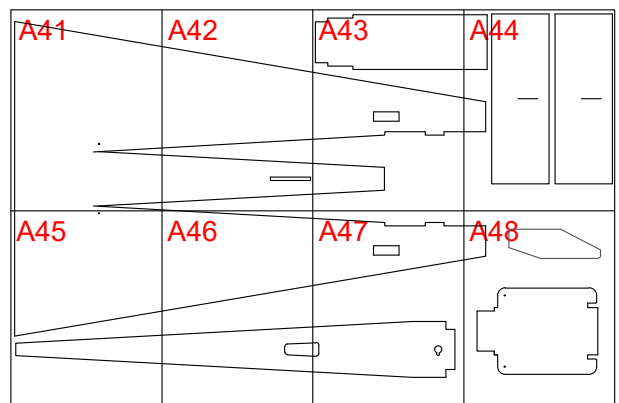
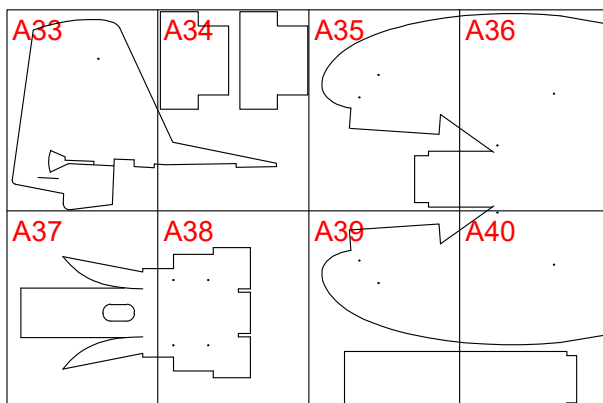
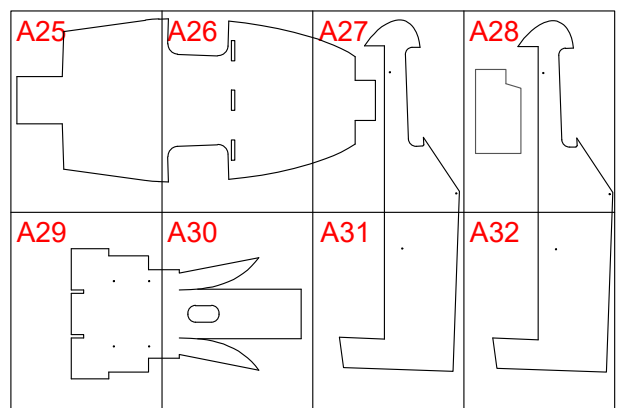
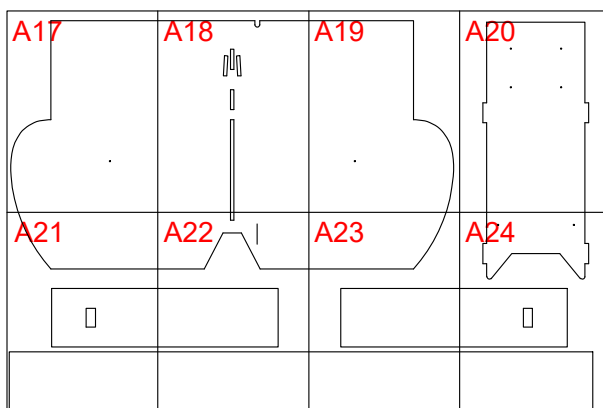
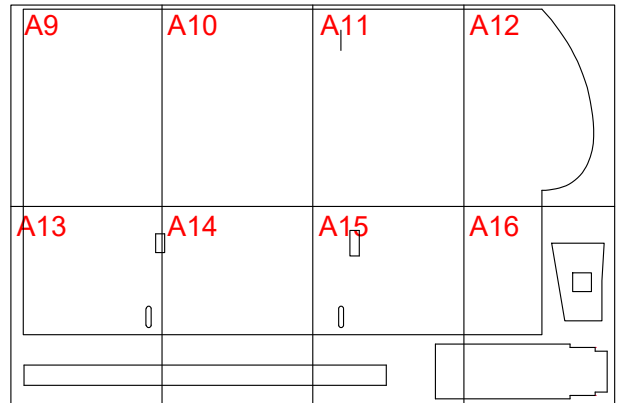
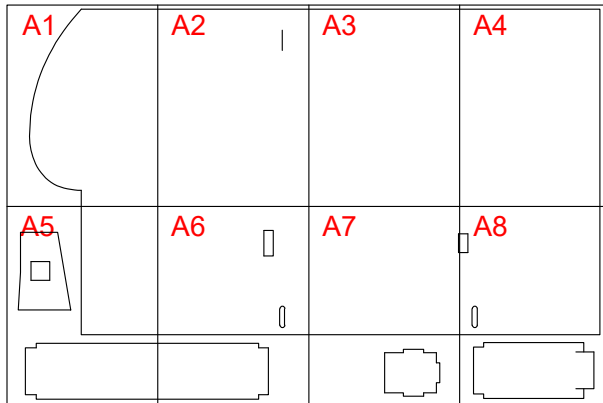


# FT Legacy: Full-Size Key



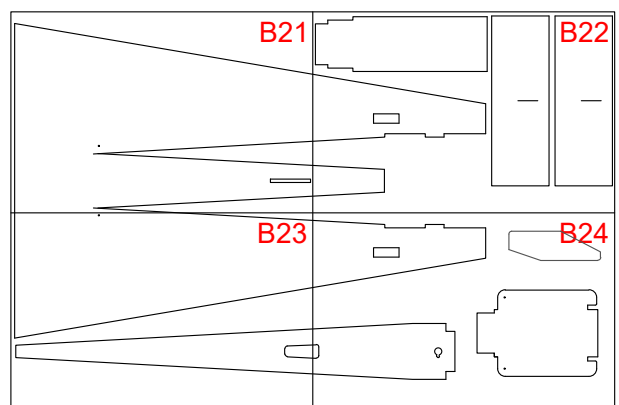
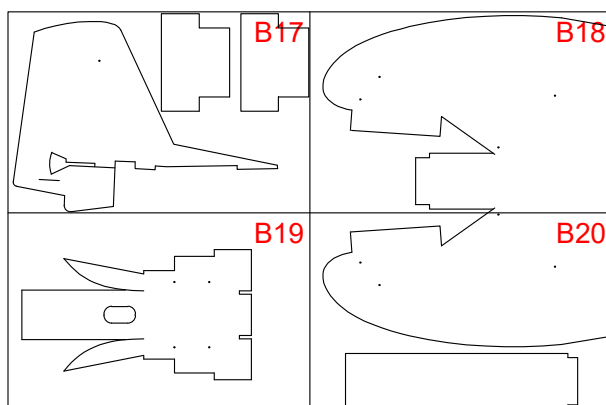
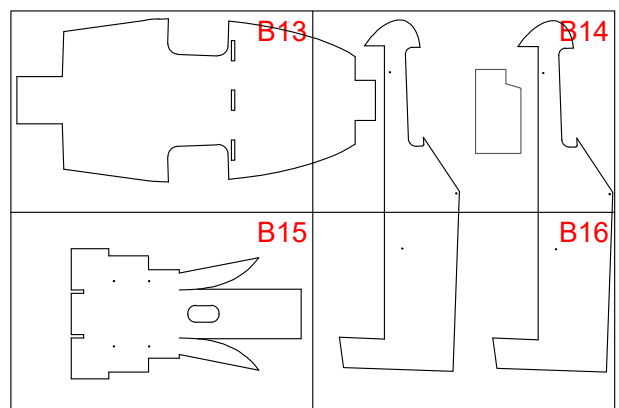
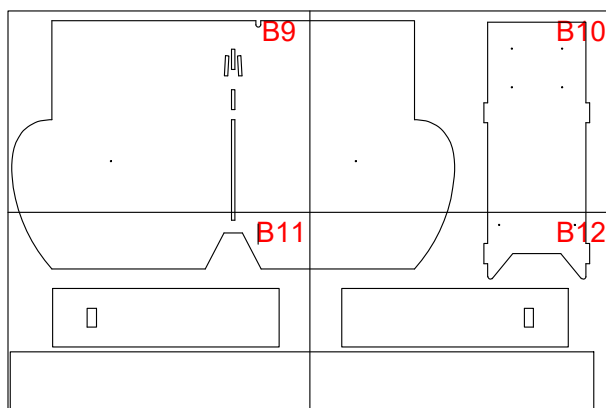
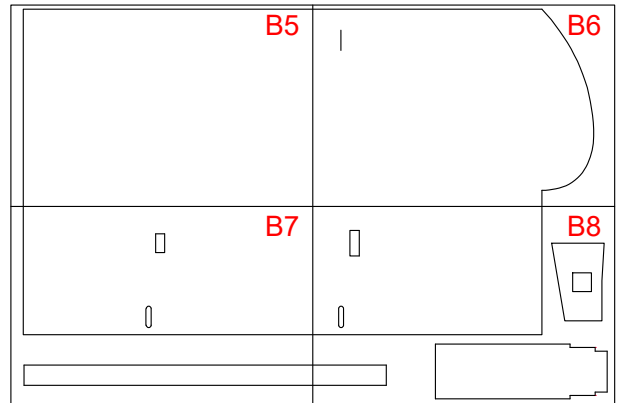
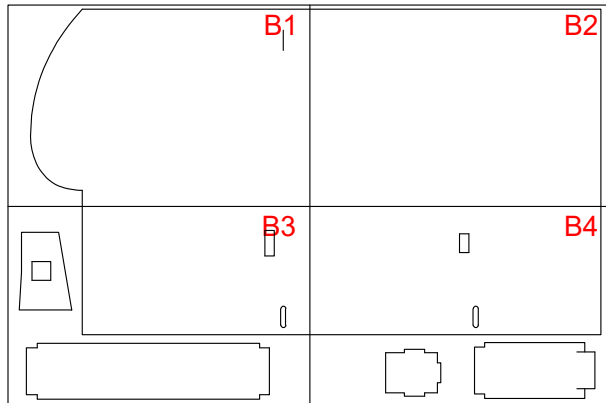


# FT Legacy: Tile A Key





# FT Legacy: Tile B Key

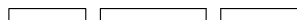
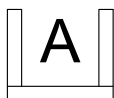




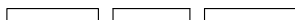
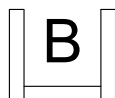
# Drawing Key



## FOLD TYPES



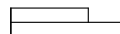
A - FOLD (ABOVE)



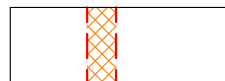
B - FOLD (BESIDE)



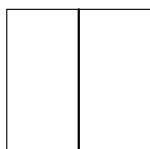
C



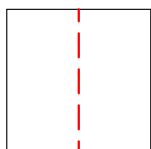
C - FOLD (COVER)



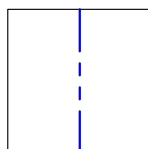
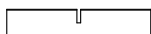
## LINE TYPE/COLOR



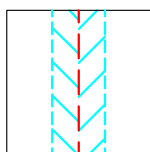
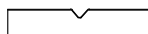
CUT



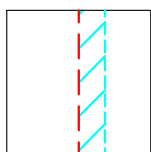
50% SCORE



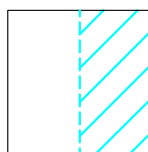
CREASE



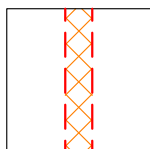
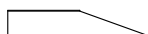
45° DOUBLE  
BEVEL



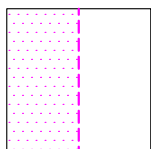
45° SINGLE  
BEVEL



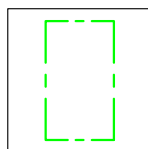
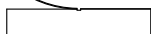
EDGE  
BEVEL



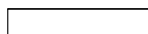
CAVITY



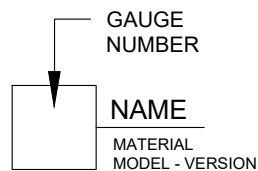
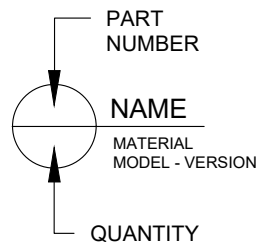
REMOVE  
PAPER



REFERENCE/  
OPTIONAL



## SYMBOLS



CENTER  
OF  
GRAVITY  
(CG)

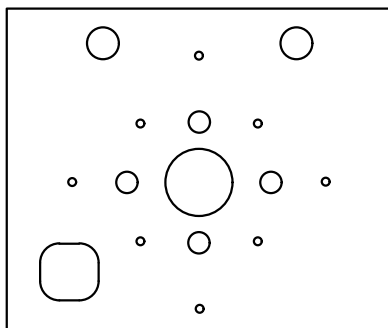
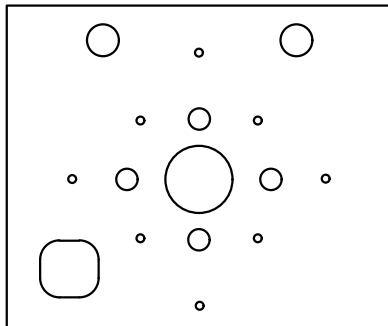
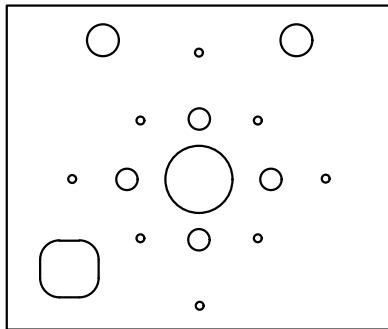


# FT Legacy: Wood Parts

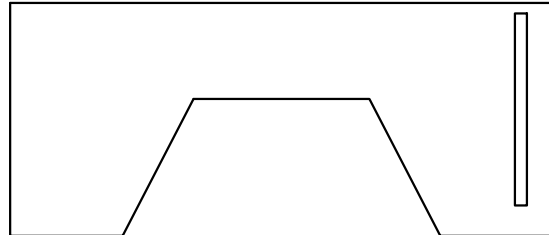


HOBBY GRADE PLYWOOD  
3/32" (2.4 mm) THICK

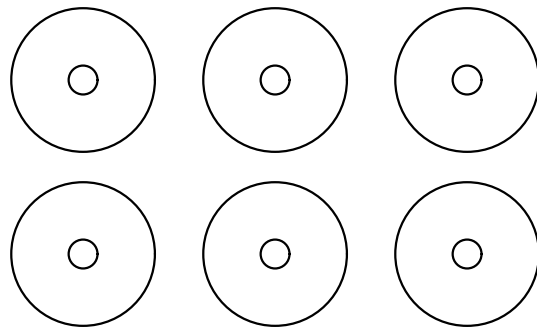
## FT STANDARD FIREWALL



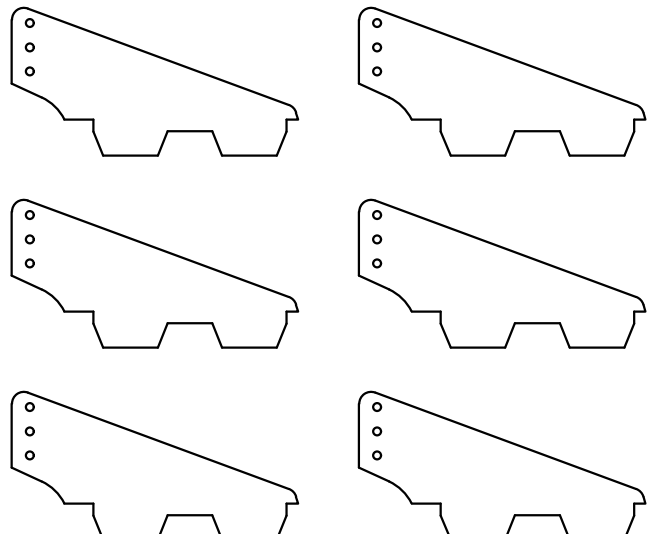
## ELEVATOR SUPPORT



## FT REINFORCEMENT DISCS



## FT STANDARD CONTROL HORN



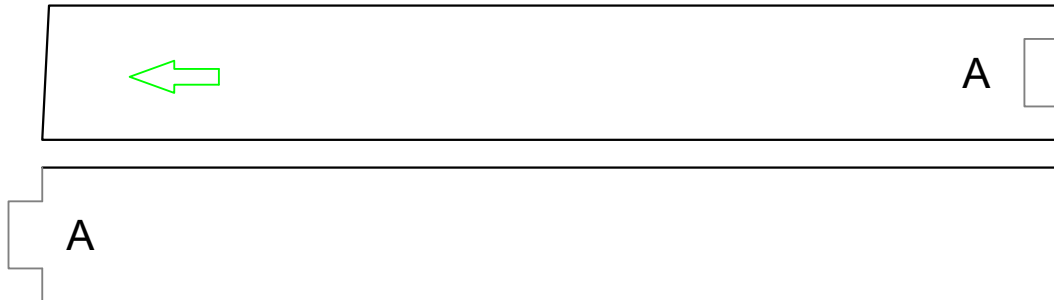


# FT Legacy: Wood Parts

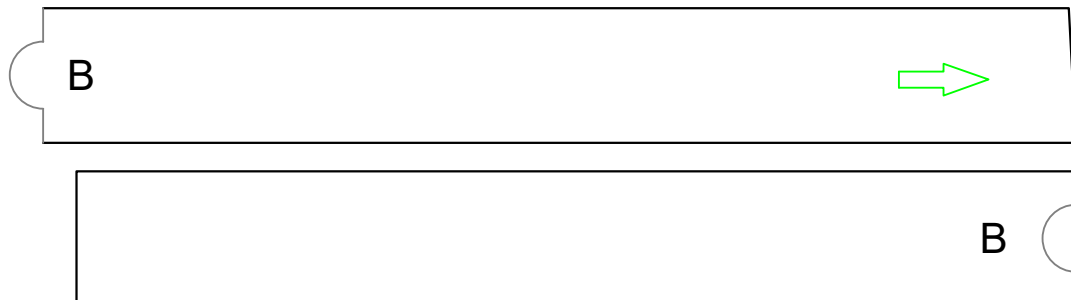


HOBBY GRADE PLYWOOD  
3/32" (2.4 mm) THICK

## WOOD SPAR A



## WOOD SPAR B



## WOOD SPAR JOINER

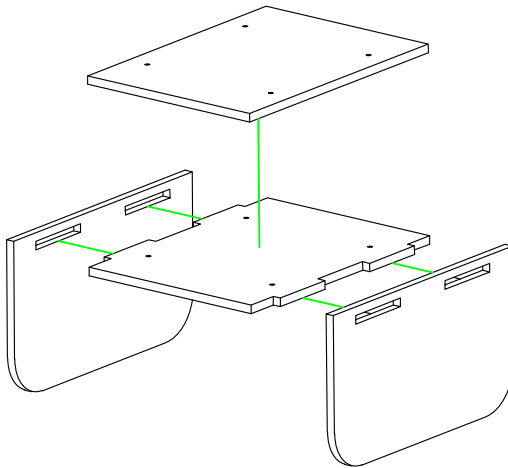




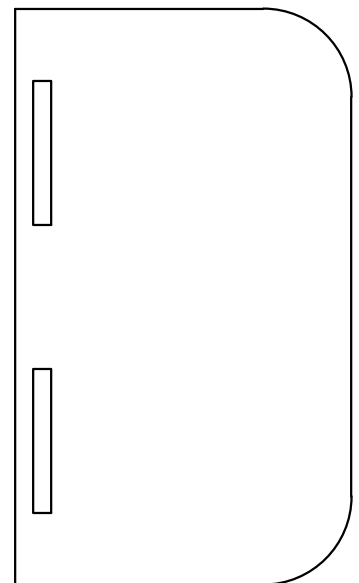
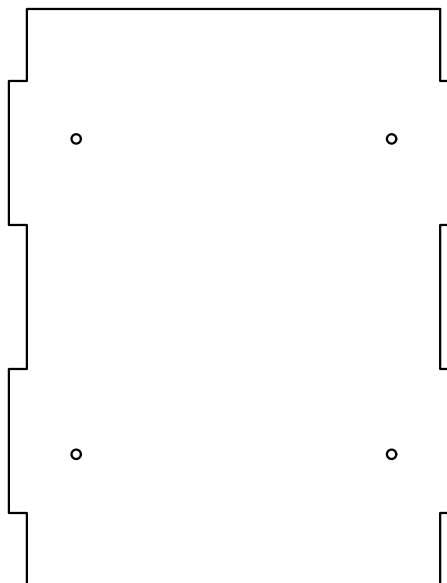
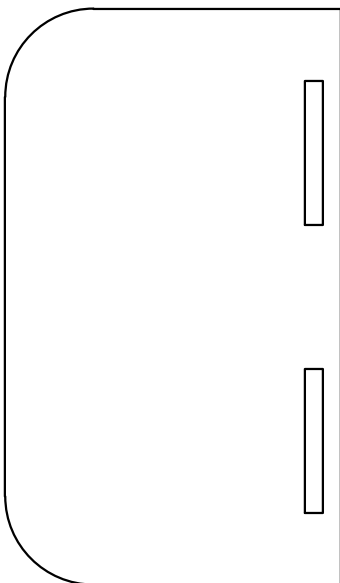
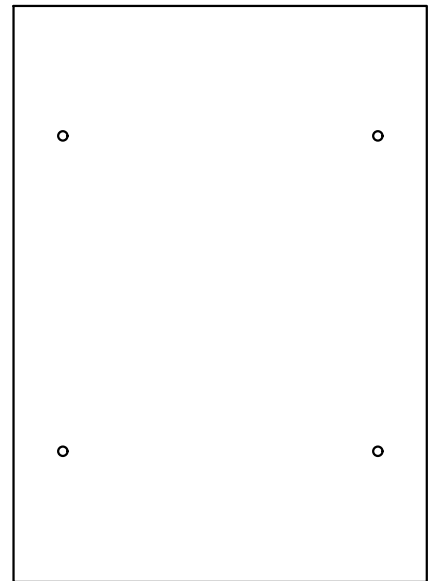
# FT Legacy: Wood Parts



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



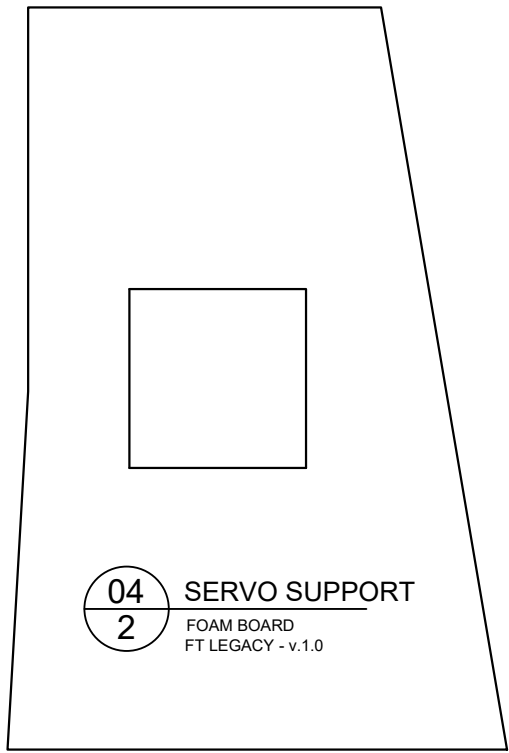
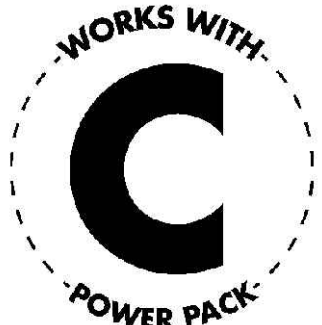
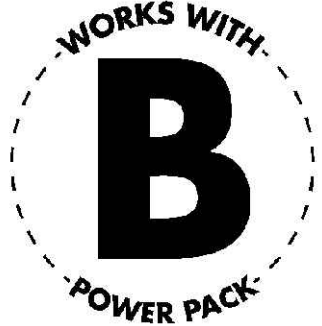
GLUE ASSEMBLY TOGETHER  
USING CA OR INSTANT GLUE







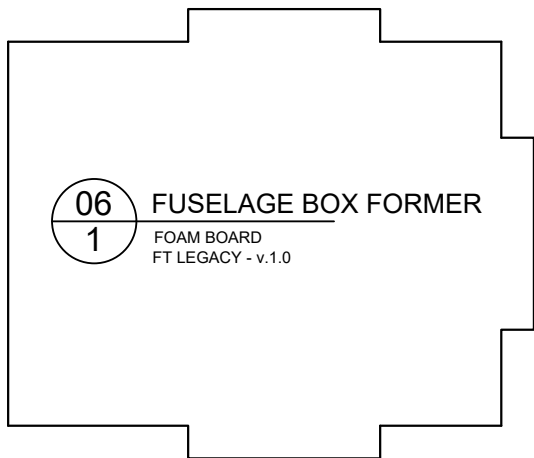
Designed By: Josh Bixler  
Drawing By: Dan Sponholz  
Version: 1.0  
Date: 2018.06.15



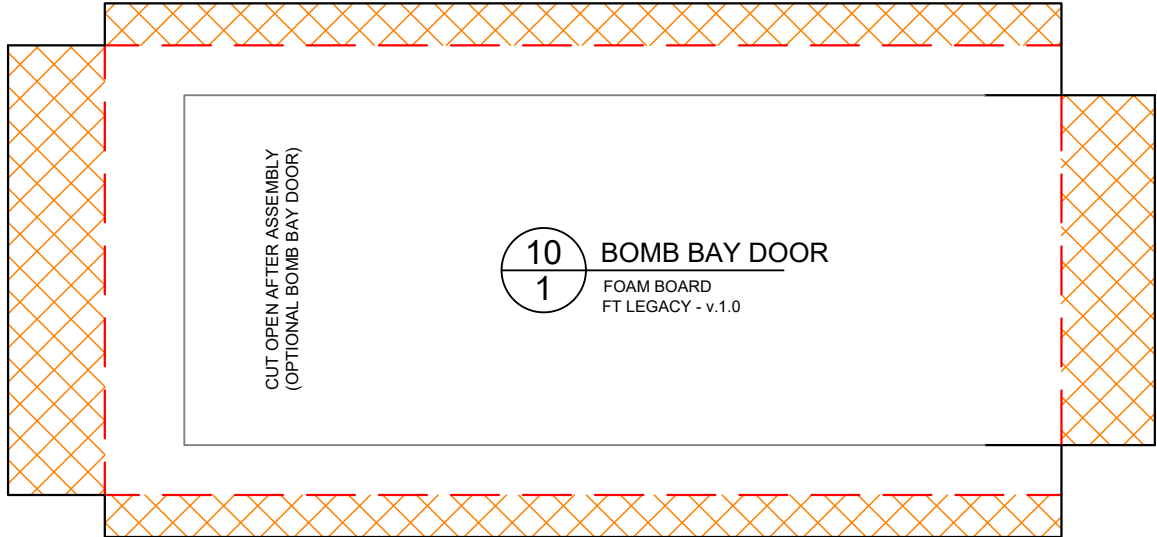
04  
2 SERVO SUPPORT  
FOAM BOARD  
FT LEGACY - v.1.0



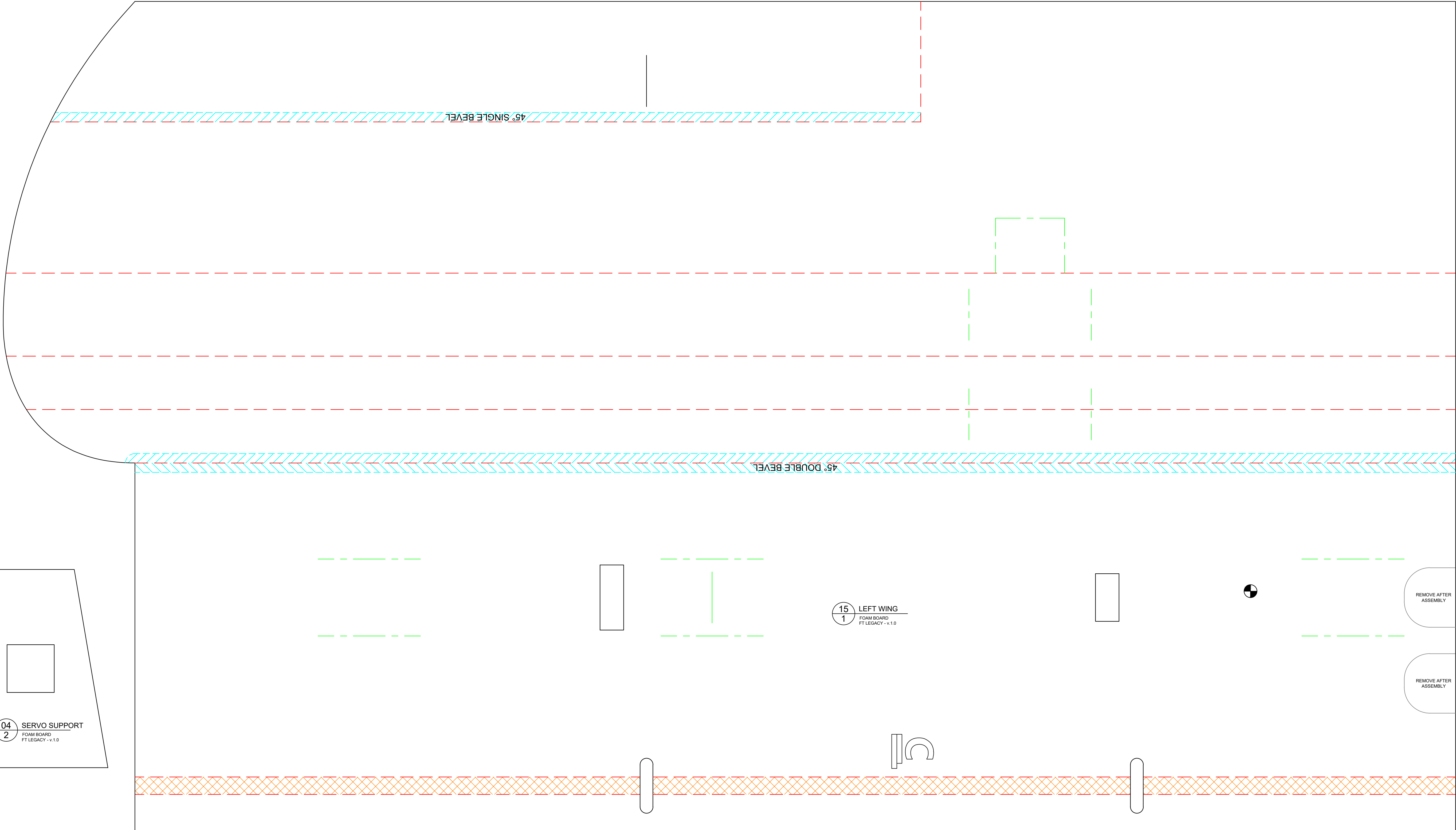
08  
1 NOSE COVER - TWIN  
FOAM BOARD  
FT LEGACY - v.1.0



06  
1 FUSELAGE BOX FORMER  
FOAM BOARD  
FT LEGACY - v.1.0



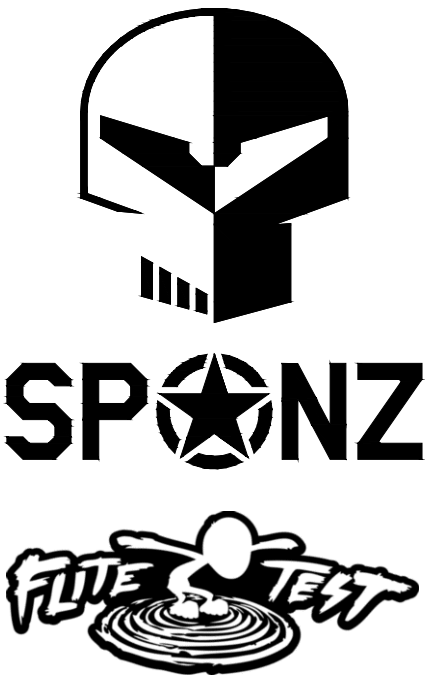
10  
1 BOMB BAY DOOR  
FOAM BOARD  
FT LEGACY - v.1.0

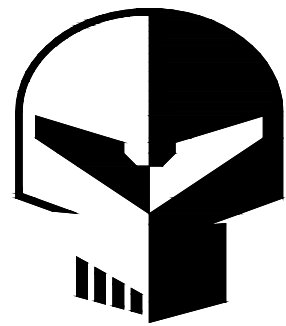
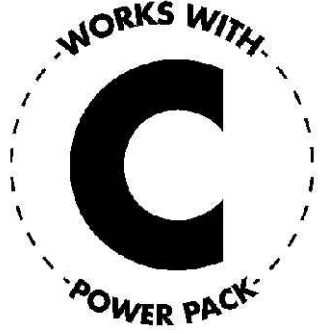
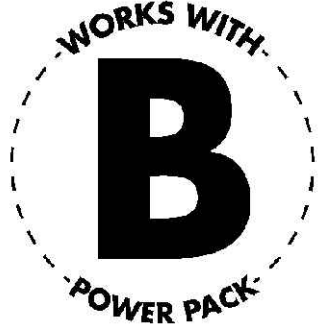


15  
1 LEFT WING  
FOAM BOARD  
FT LEGACY - v.1.0

REMOVE AFTER  
ASSEMBLY


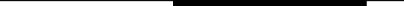
REMOVE AFTER  
ASSEMBLY





**SPONZ**



IN  

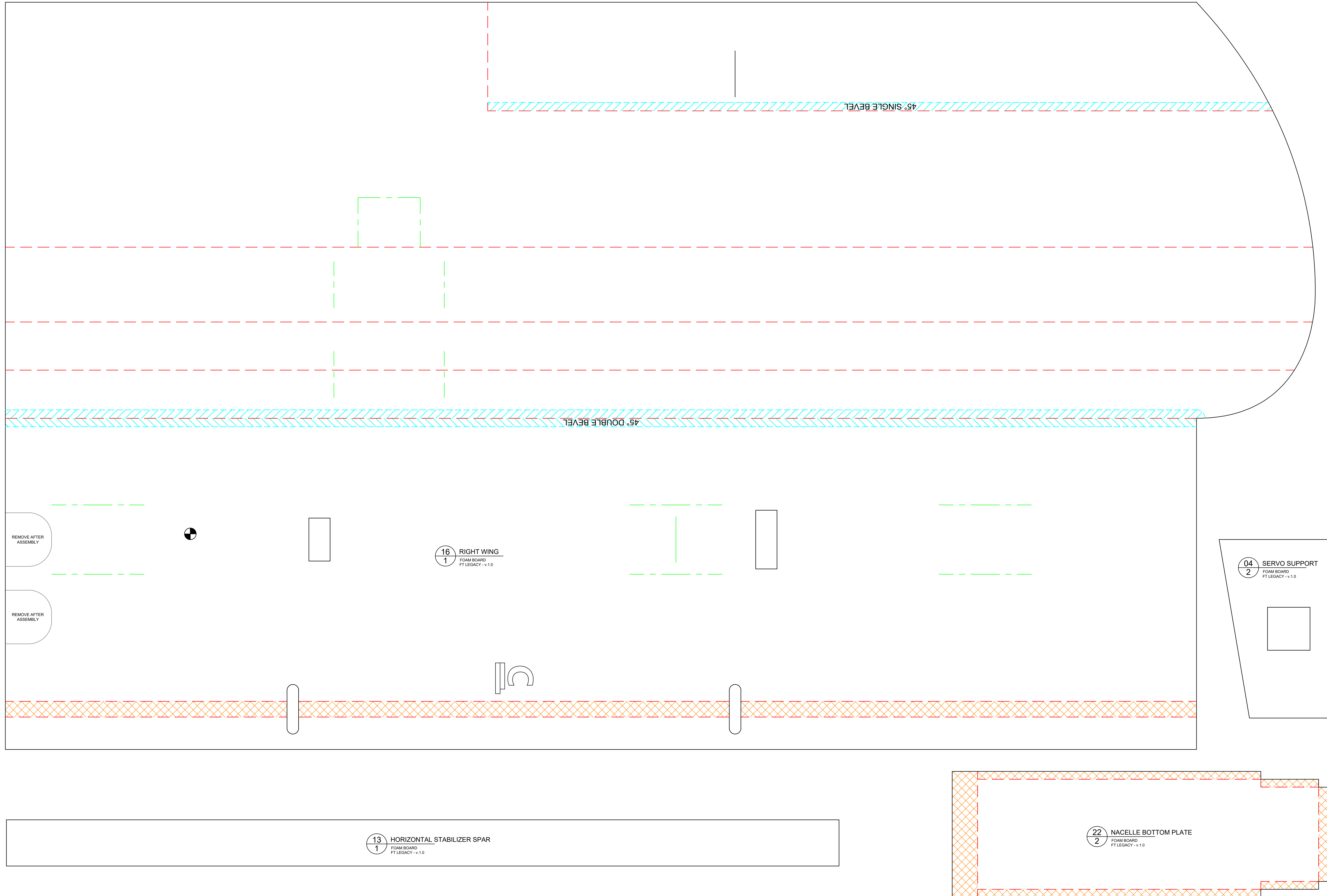
CM

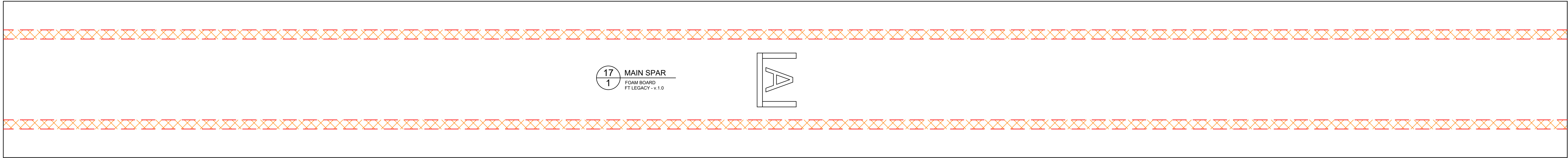
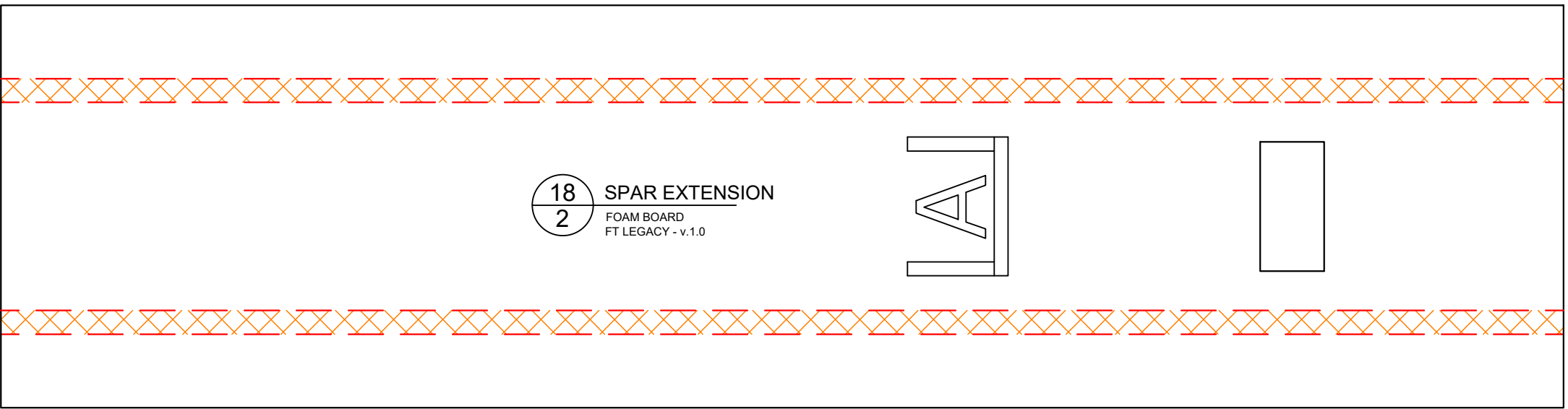
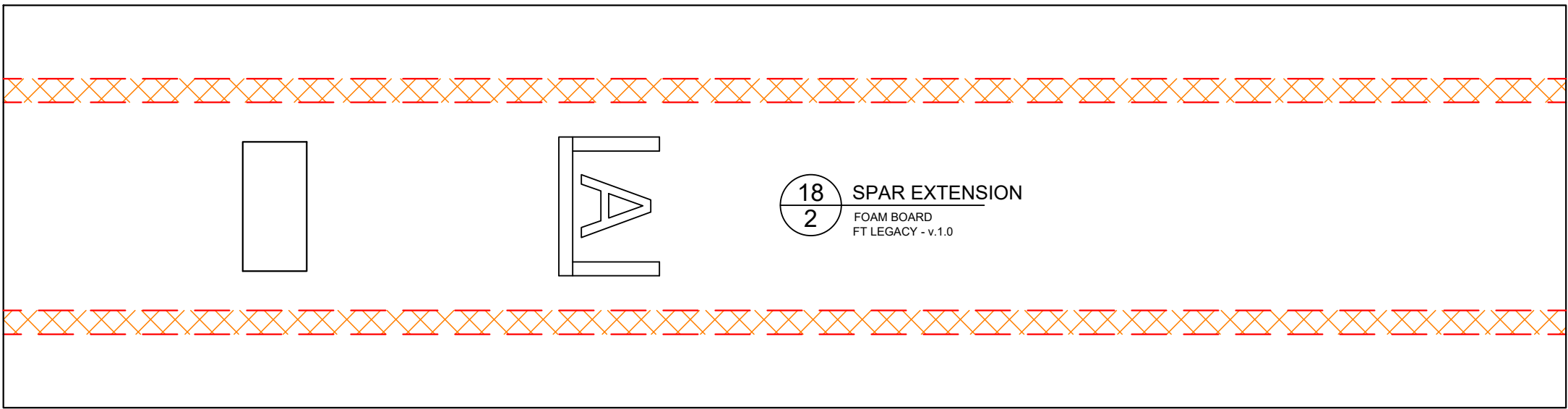
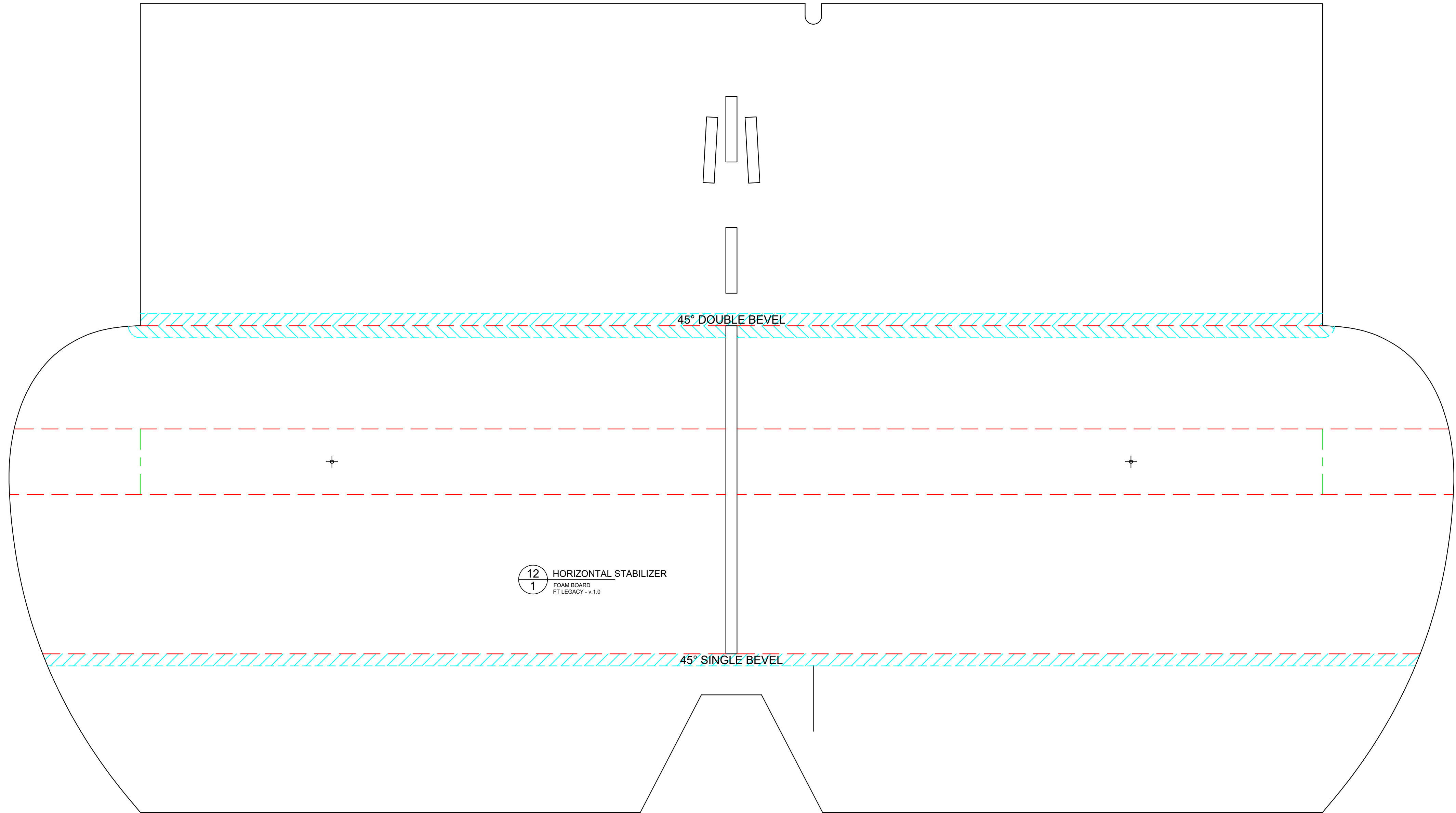
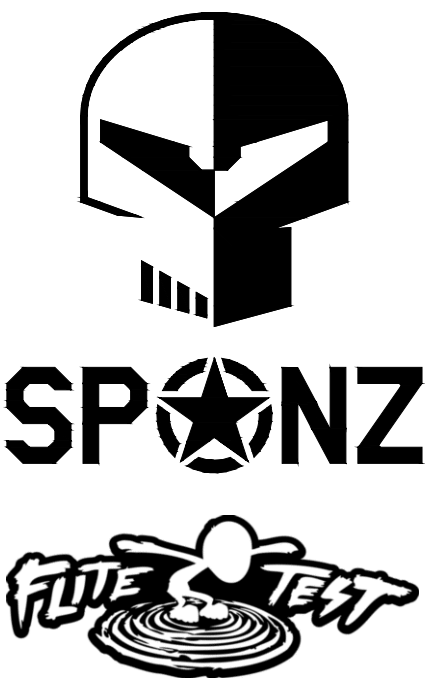
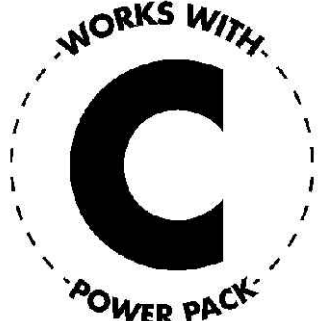
SHEET 2 OF 6

SHEET 2 OF 6

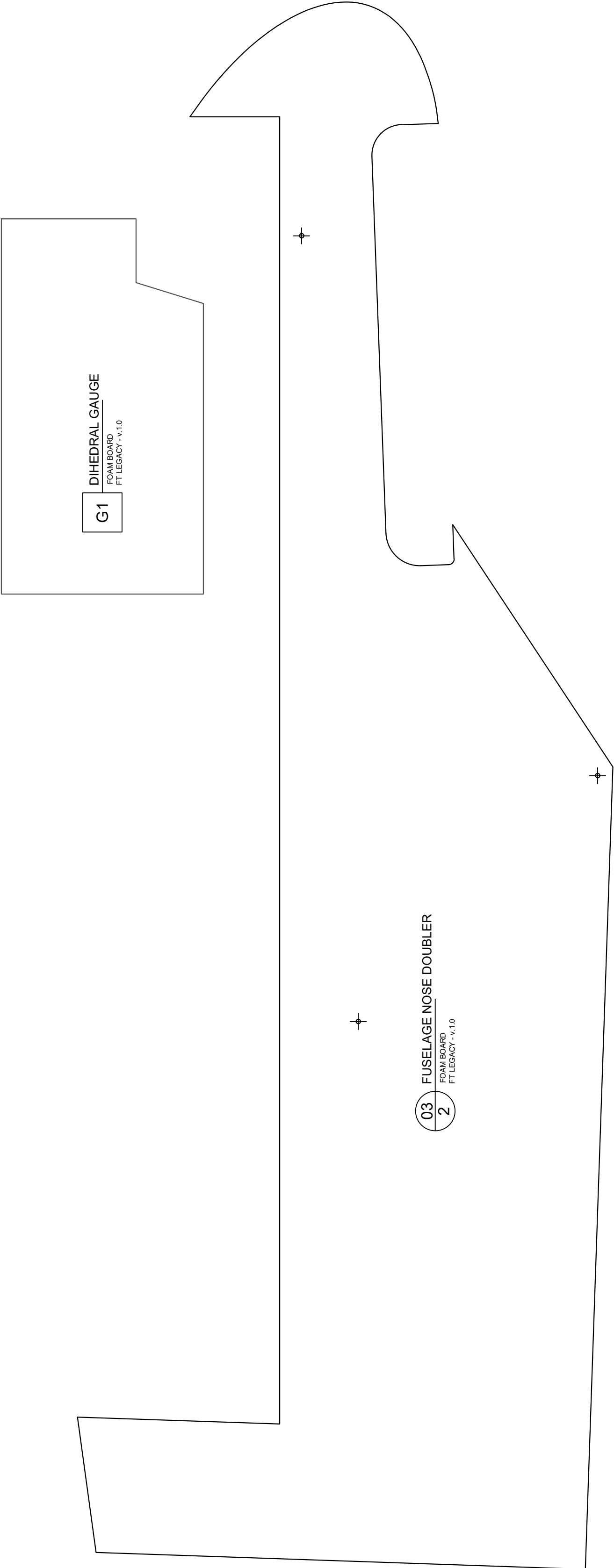
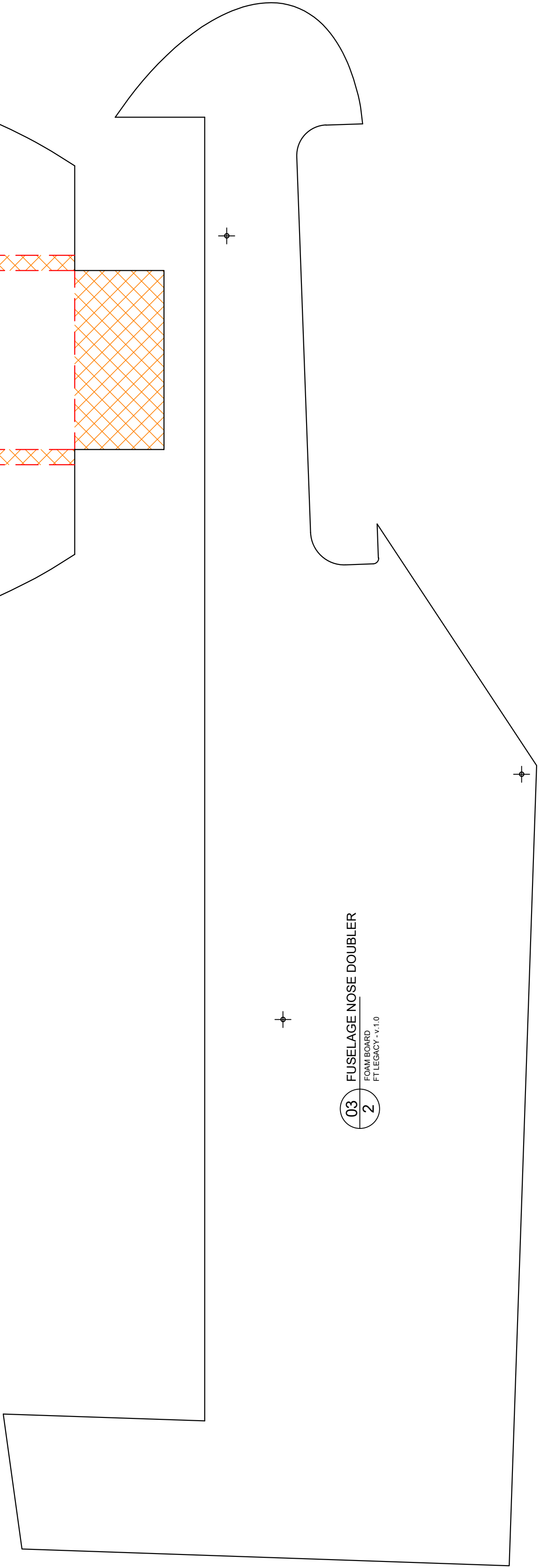
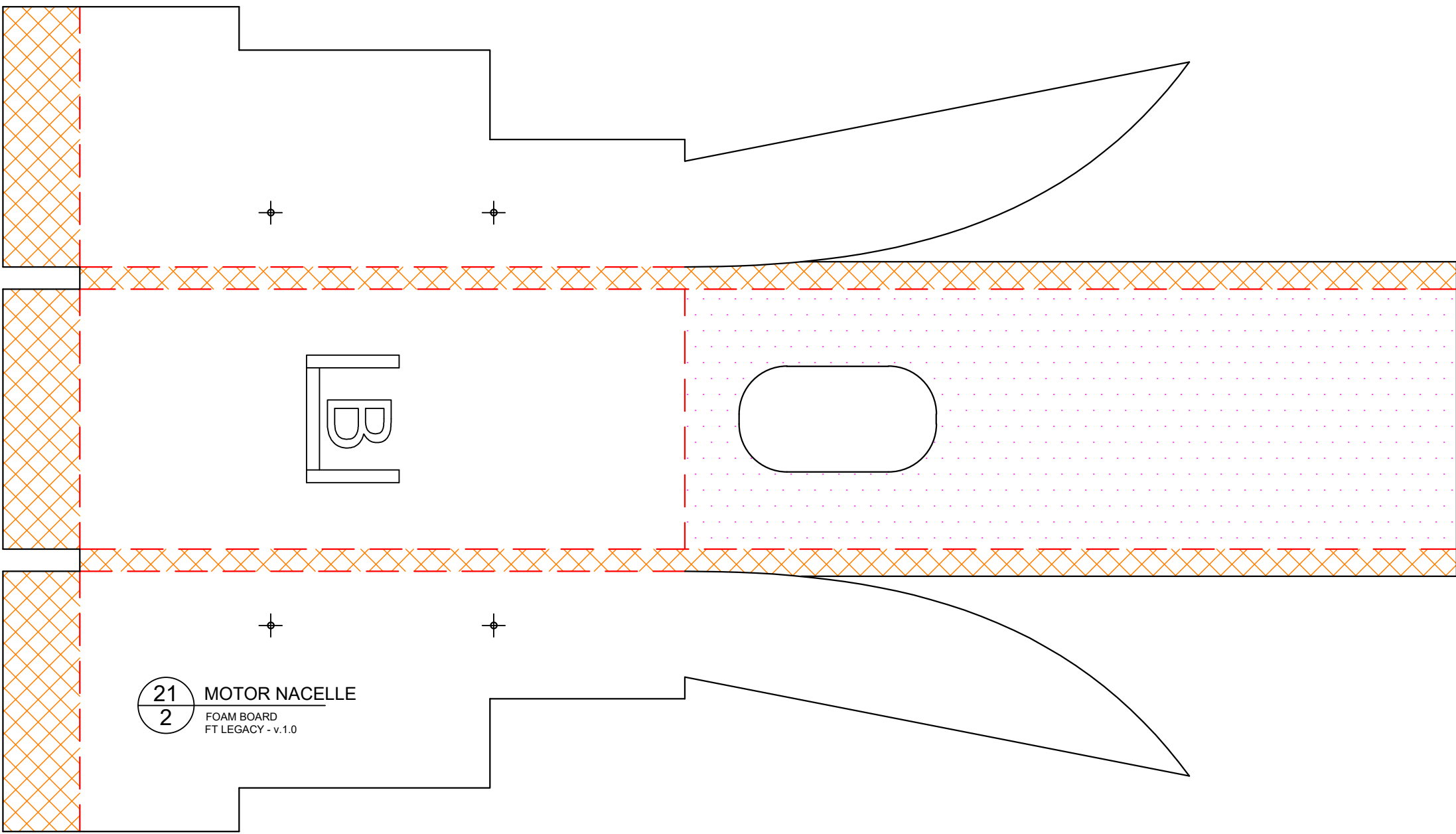
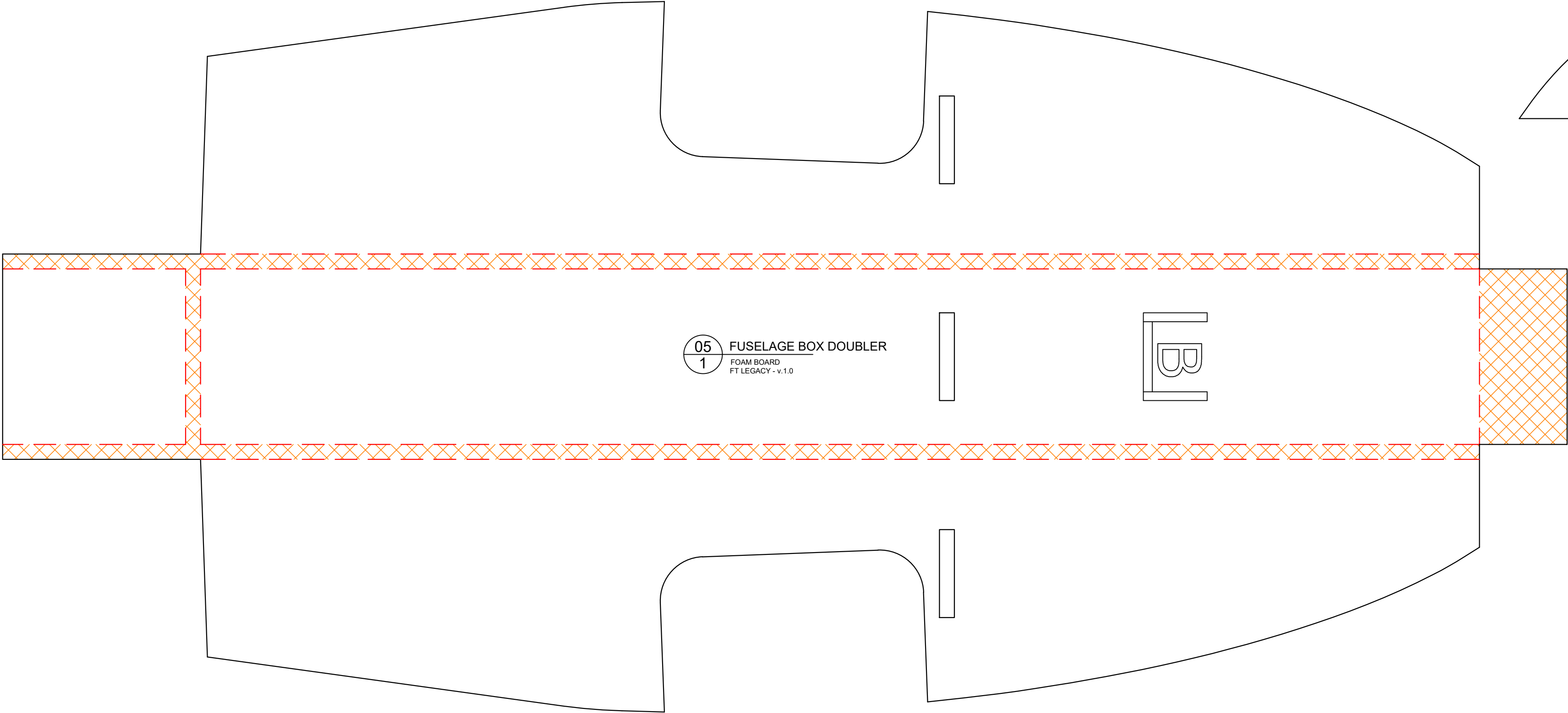
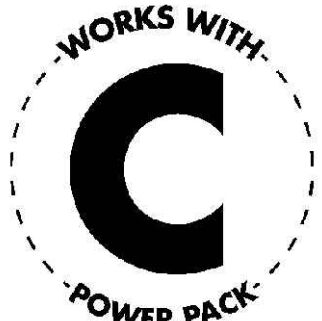
Template Version 5.0.2

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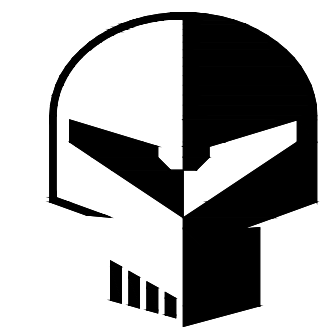
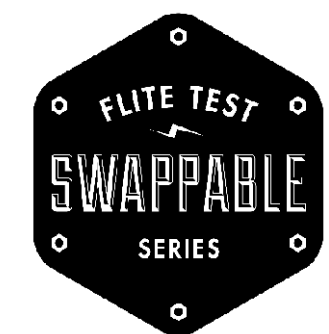




FT Legacy



Designed By: Josh Bixler  
Drawing By: Dan Sponholz  
Version: 1.0  
Date: 2018.06.15



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IN 6  
CM 15  
SHEET 5 OF 6

Template Version 5.0.2

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