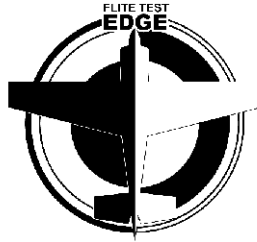




www.flitetest.com



FT Edge

Designed By: Andres Lu
Drawing By: Dan Sponholz
Version: 1.0
Date: 2018.07.27



GENERAL SPECIFICATIONS:

LENGTH:	40.00 in		1016 mm
CG:	3.25 in		83 mm
WINGSPAN:	40.00 in		1016 mm
WING AREA:	340.1 in ²		21.9 dm ²
DRY WEIGHT:	24.0 oz.		680 g
ALL UP WEIGHT:	29.5 oz.		835 g
WING LOADING:	12.5 oz/ft ²		38 g/dm ²
WCL:	8.1		
THROWS:	16°		
EXPO:	30%		
CHANNELS:	4 [THR AIL ELE RUD]		

RECOMMENDED ELECTRONICS:

MOTOR:	Park 425 1000 kv min.
PROPELLER:	9x4.5 (4S) to 10x4.5 (3S)
ESC:	30 amp min.
SERVOS:	4X 9 gram
BATTERY:	1300-1400 mAh 3S-4S



BUILD SKILL LEVEL:

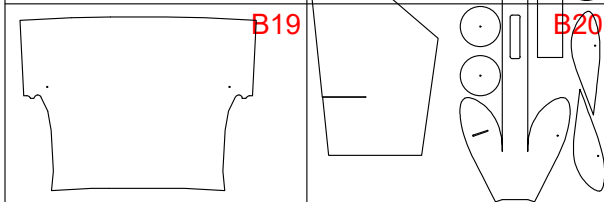
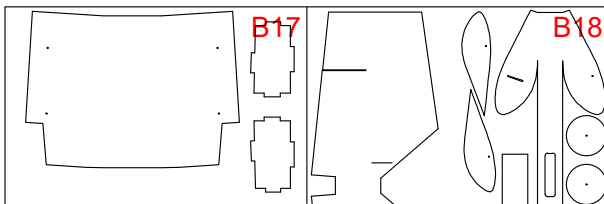
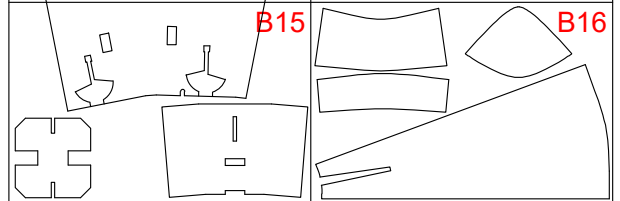
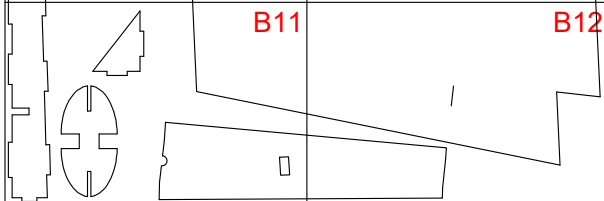
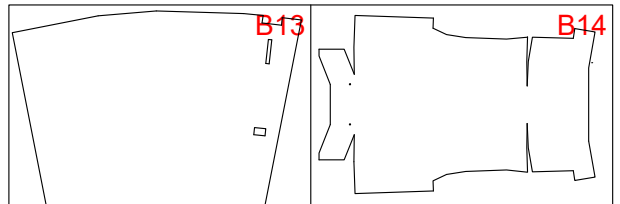
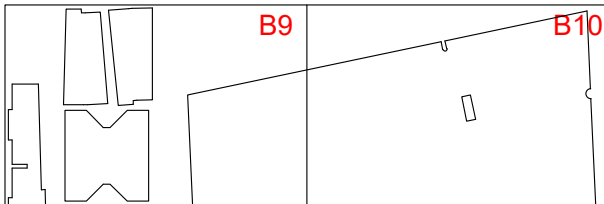
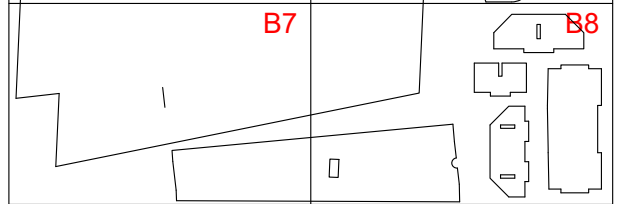
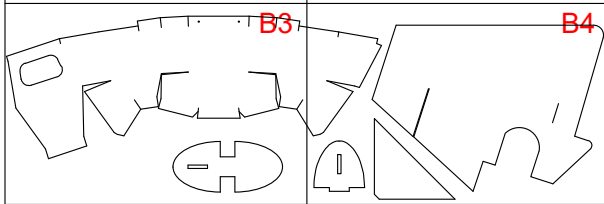
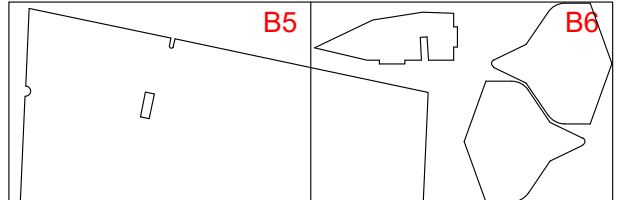
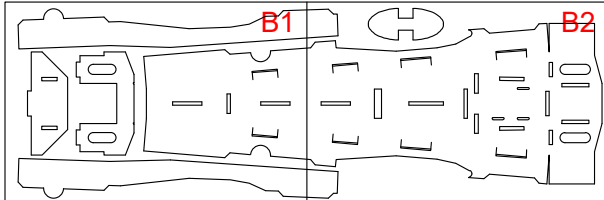


PILOT SKILL LEVEL:





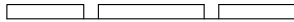
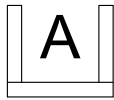
FT Edge: Tile B Key



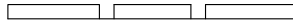
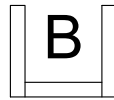


Drawing Key

FOLD TYPES



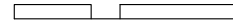
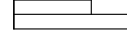
A - FOLD (ABOVE)



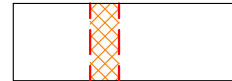
B - FOLD (BESIDE)



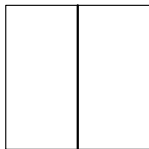
C



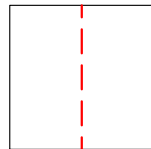
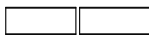
C - FOLD (COVER)



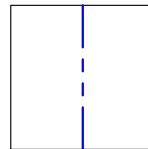
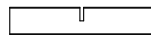
LINE TYPE/COLOR



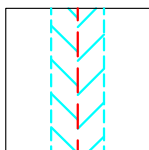
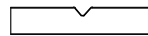
CUT



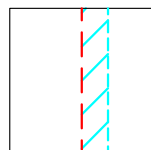
50% SCORE



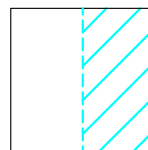
CREASE



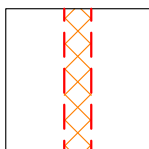
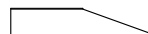
45° DOUBLE
BEVEL



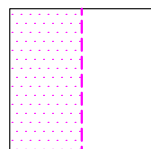
45° SINGLE
BEVEL



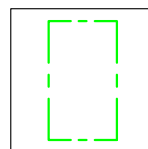
EDGE
BEVEL



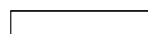
CAVITY



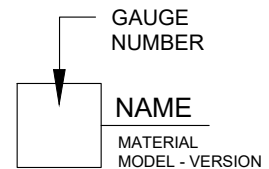
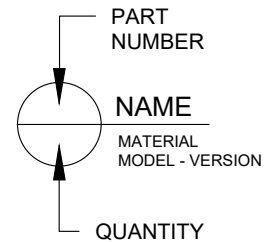
REMOVE
PAPER



REFERENCE/
OPTIONAL



SYMBOLS



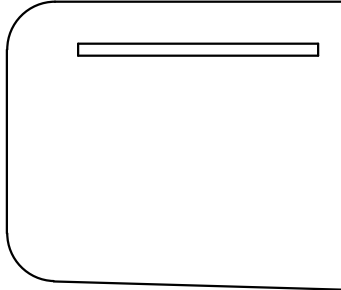
CENTER
OF
GRAVITY
(CG)



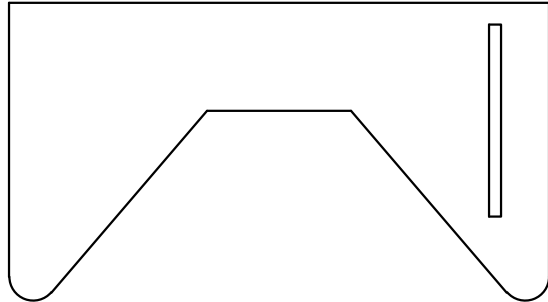
FT Edge: Wood Parts

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

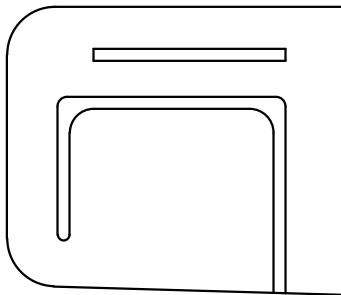
TAIL WHEEL SUPPORT 1



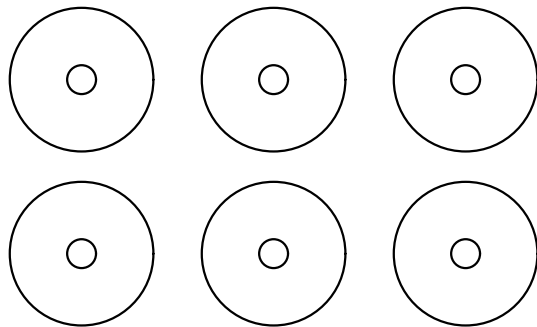
ELEVATOR SUPPORT



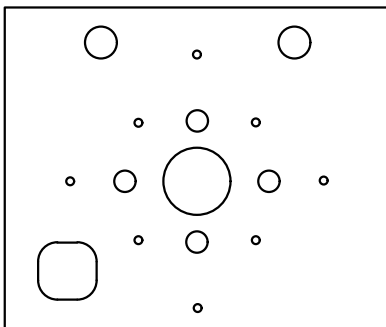
TAIL WHEEL SUPPORT 2



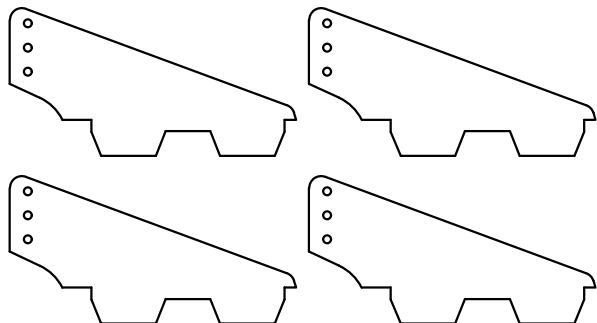
FT REINFORCEMENT DISCS

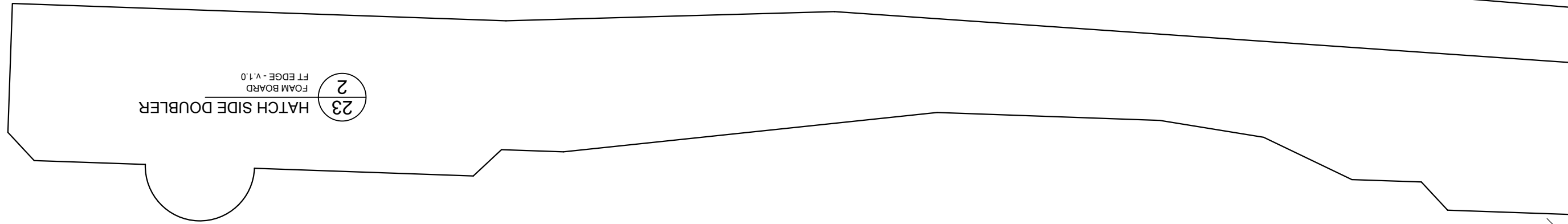
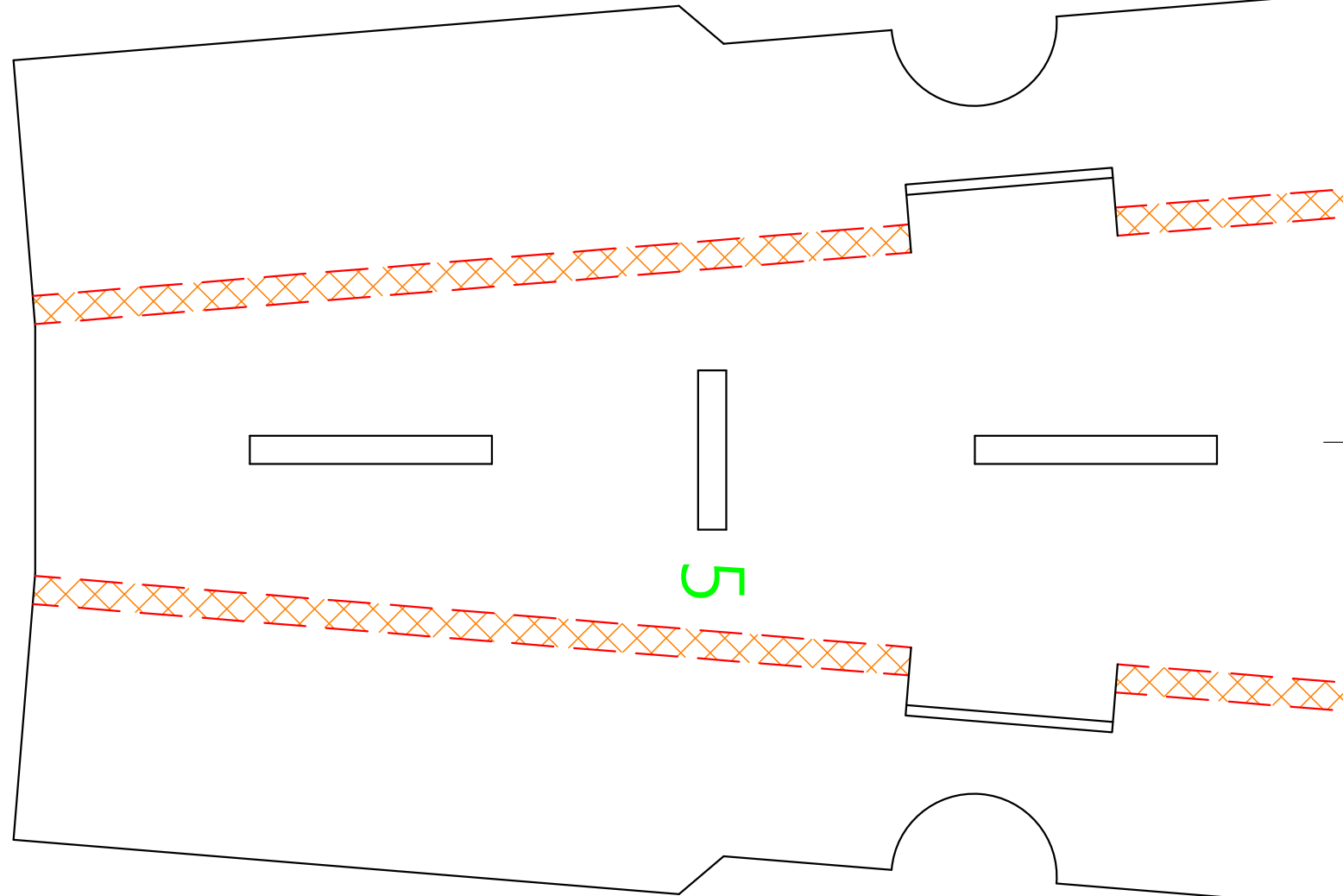
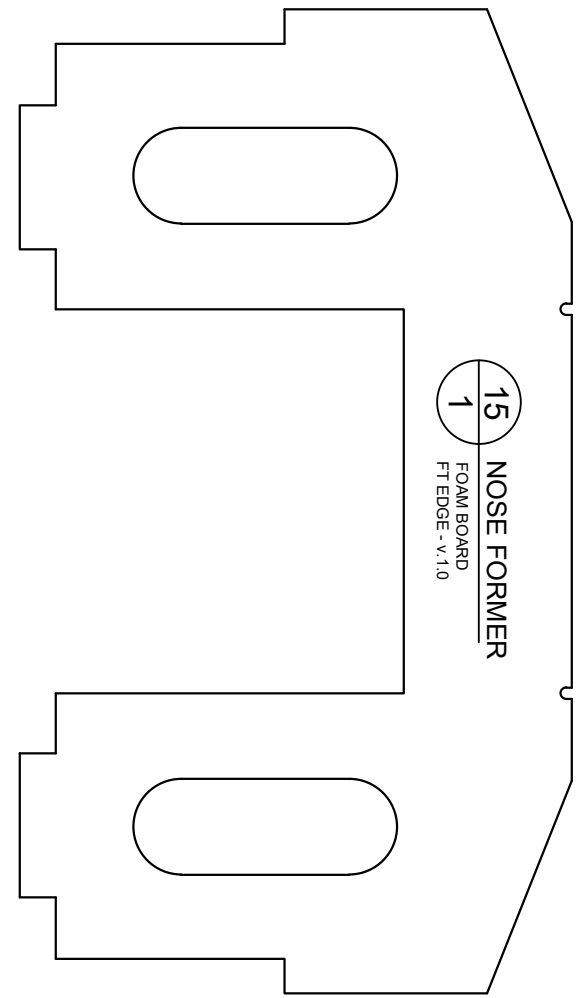
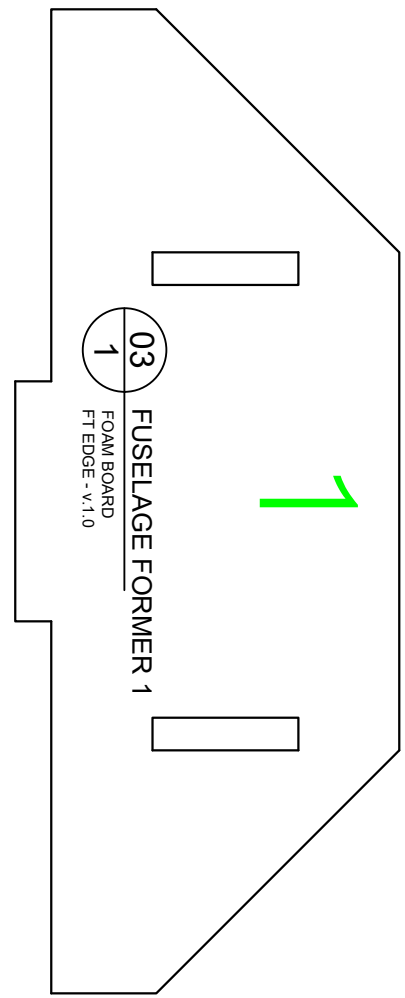
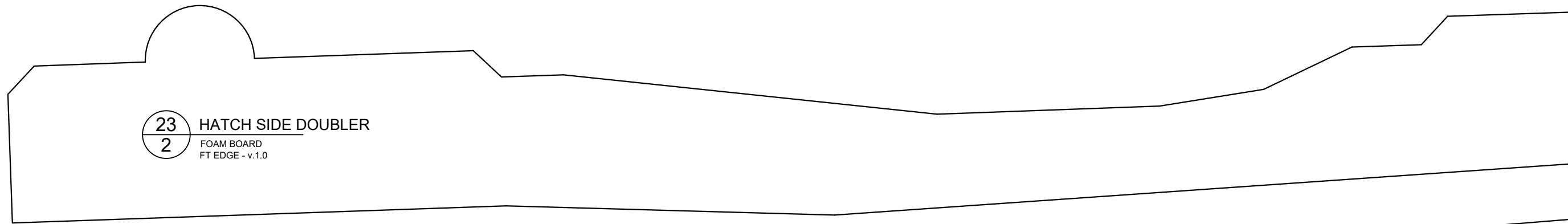


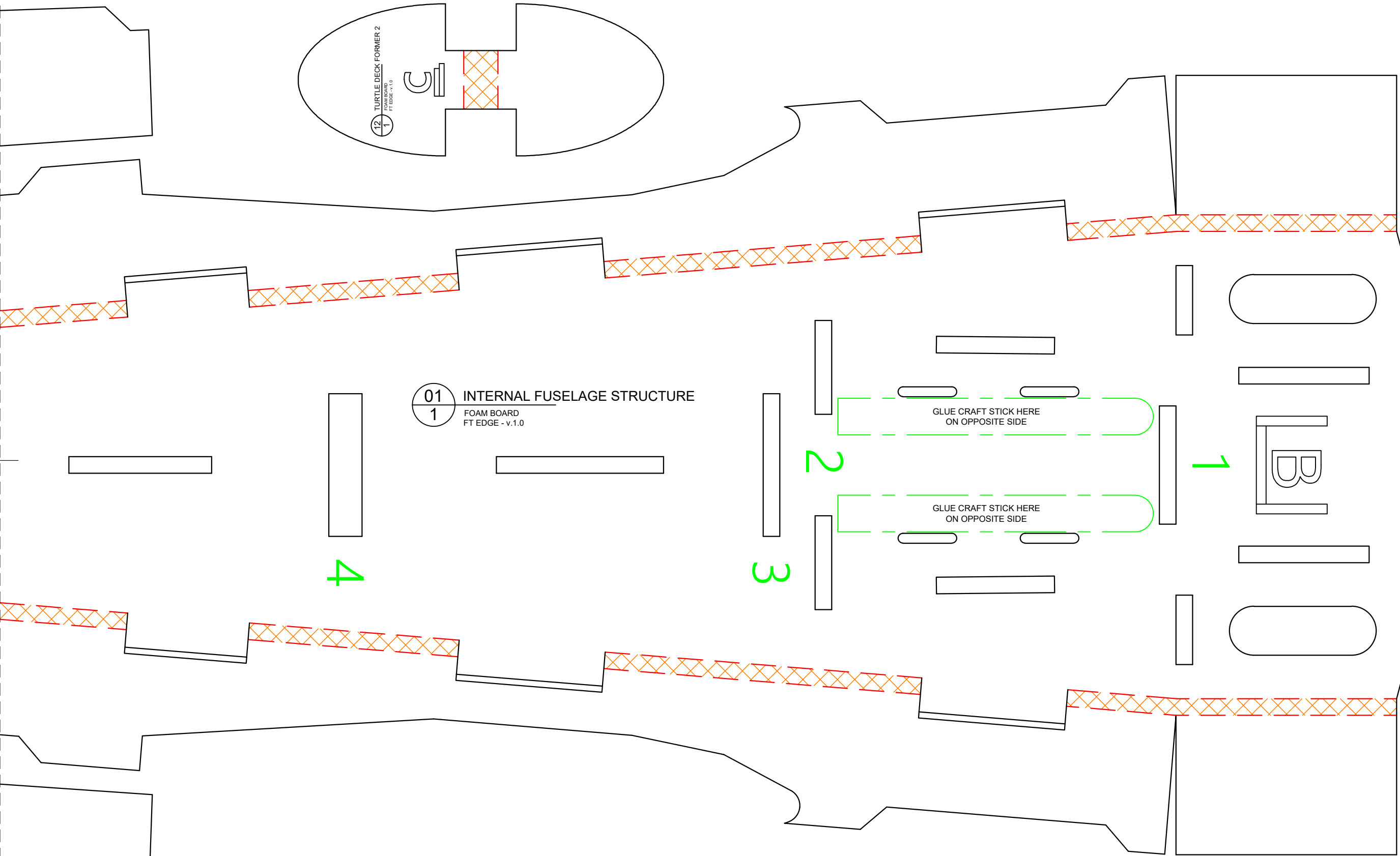
FT SWAPPABLE FIREWALL



FT CONTROL HORNS







01
1 INTERNAL FUSELAGE STRUCTURE
FOAM BOARD
FT EDGE - v.1.0

4

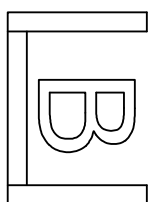
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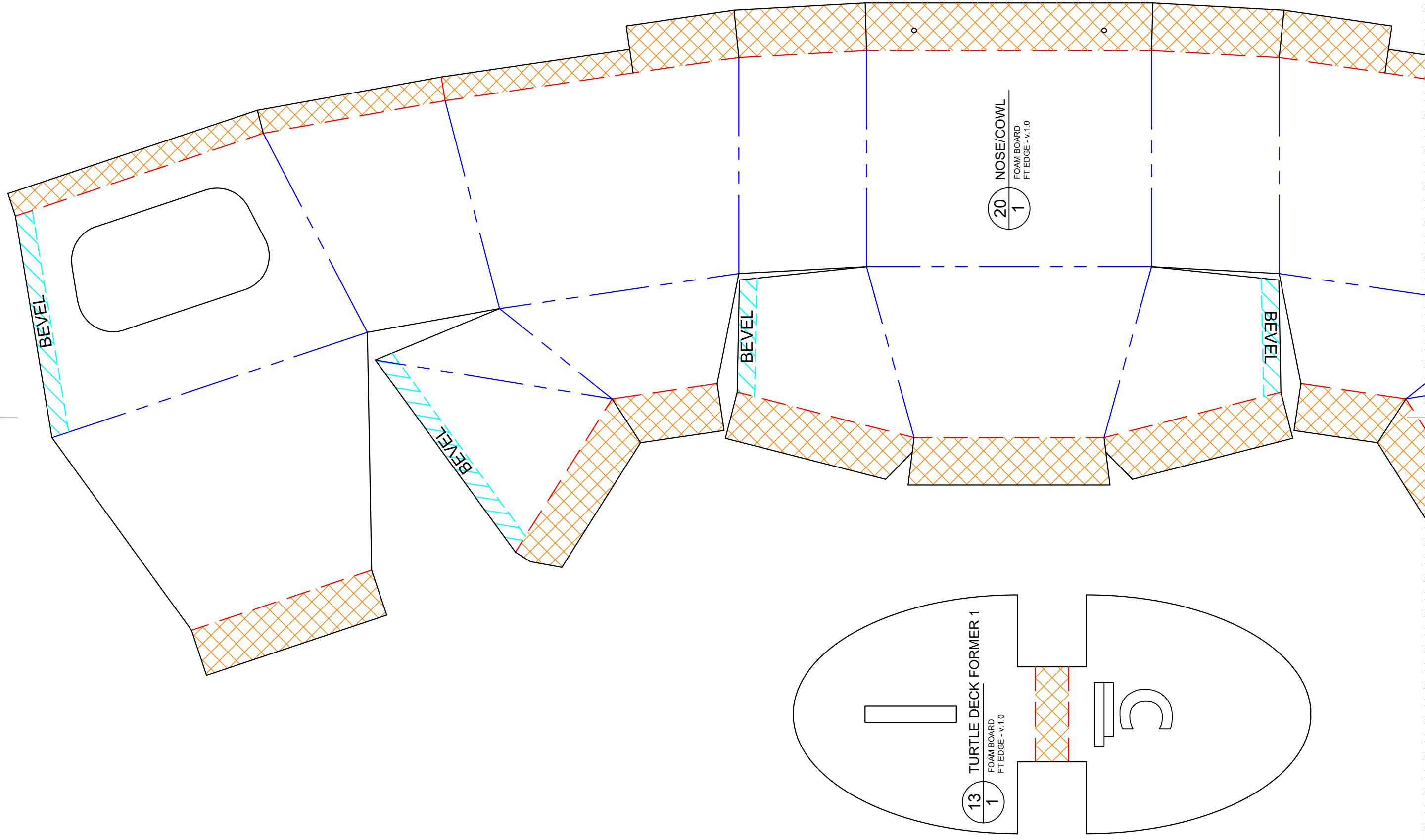
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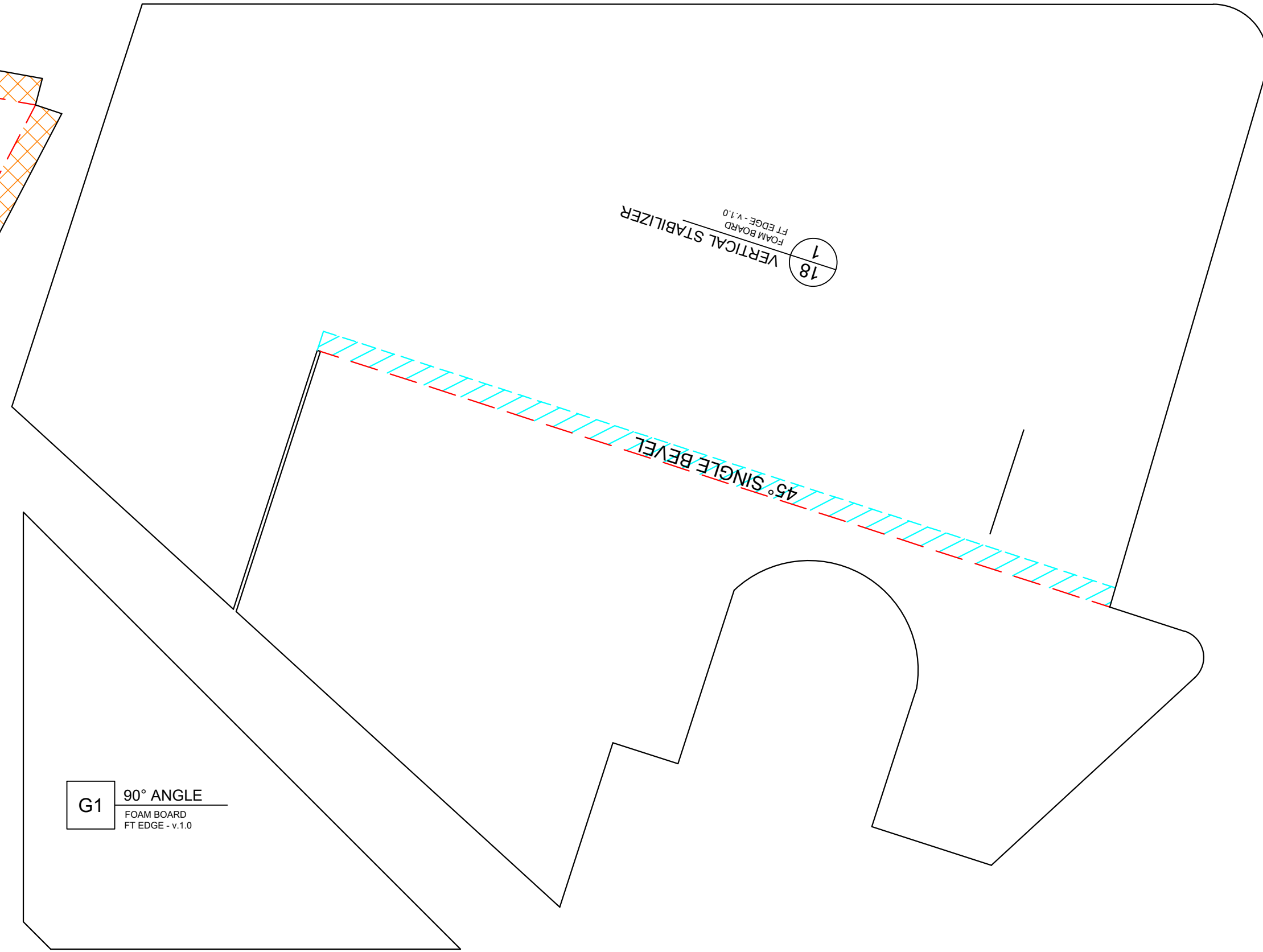
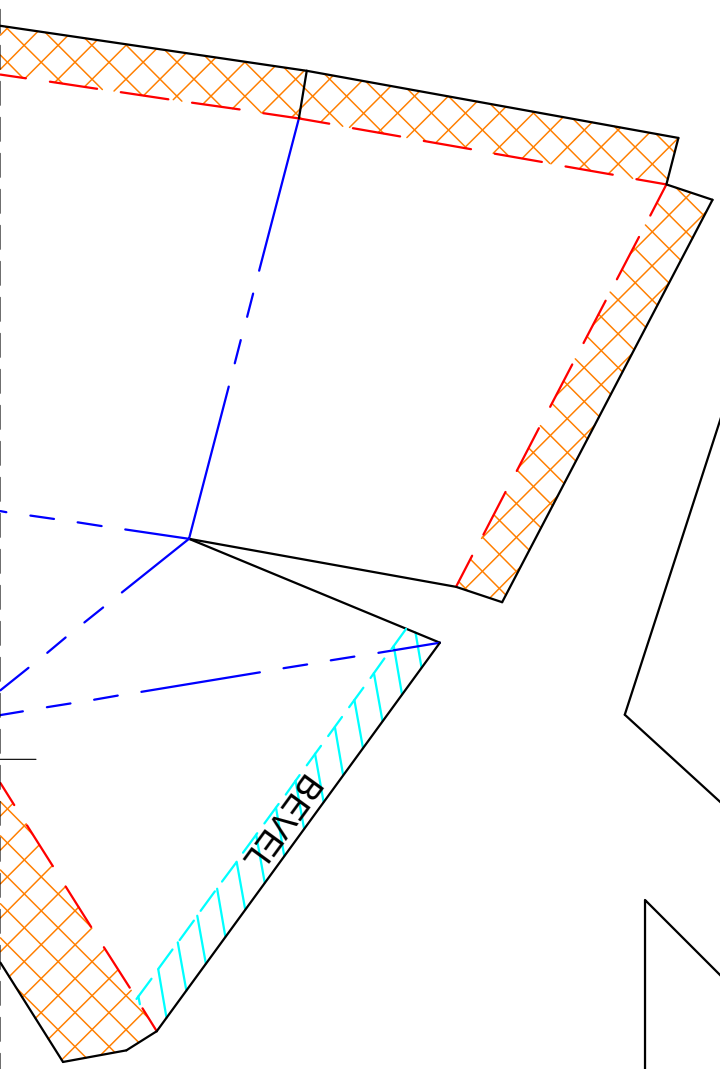
GLUE CRAFT STICK HERE
ON OPPOSITE SIDE

GLUE CRAFT STICK HERE
ON OPPOSITE SIDE

12
1
TURTLE DECK FORMER 2
FOAM BOARD
FT EDGE - v.1.0

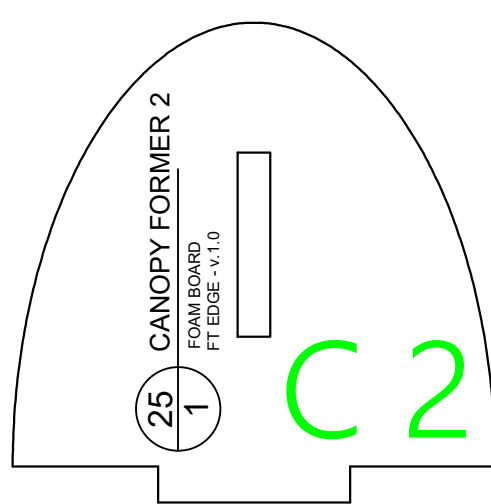






18
1
FOAM BOARD
FT EDGE - v.1.0
VERTICAL STABILIZER

45° SINGLE BEVEL



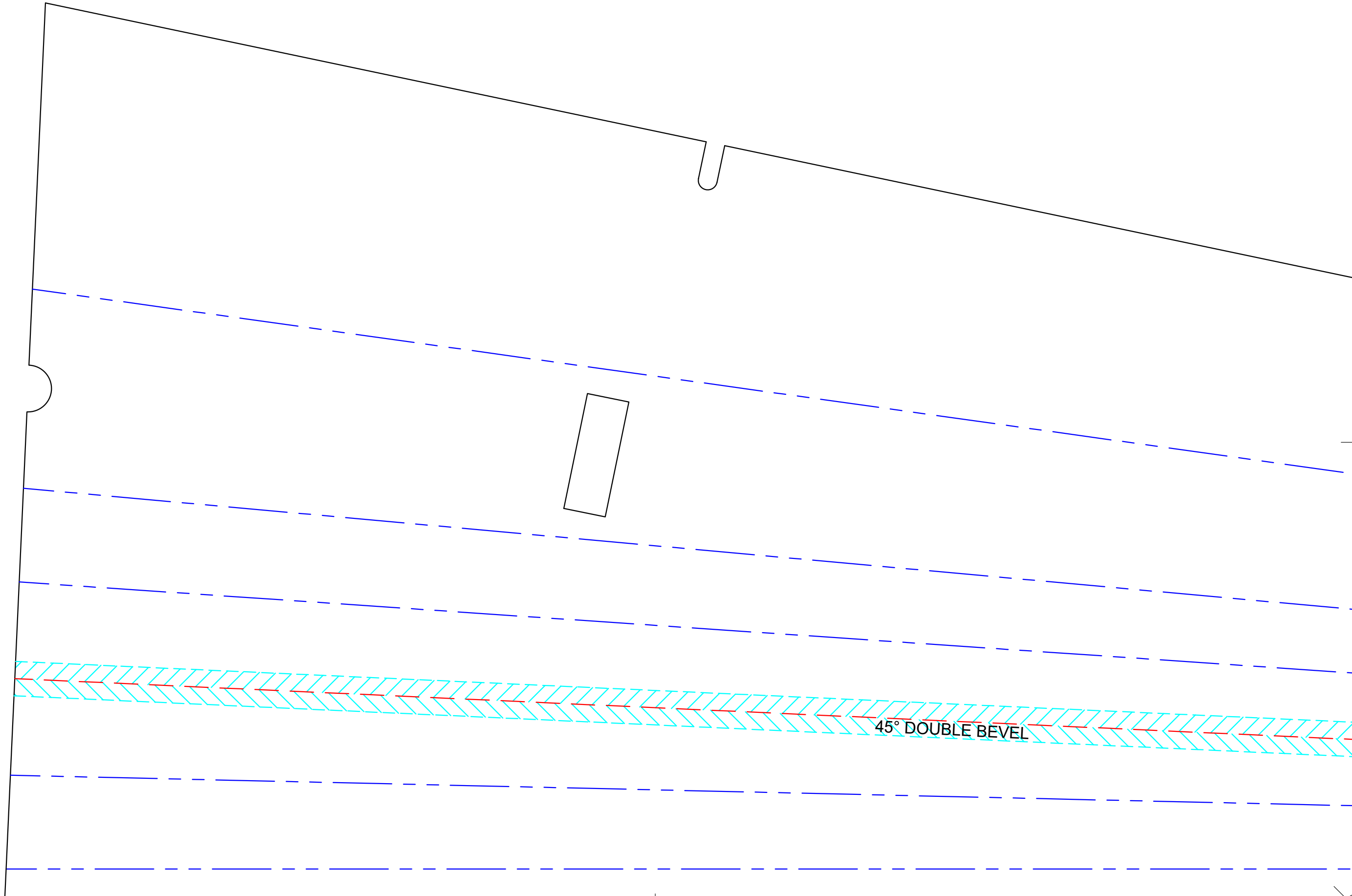
25
1
CANOPY FORMER 2
FOAM BOARD
FT EDGE - v.1.0

C2

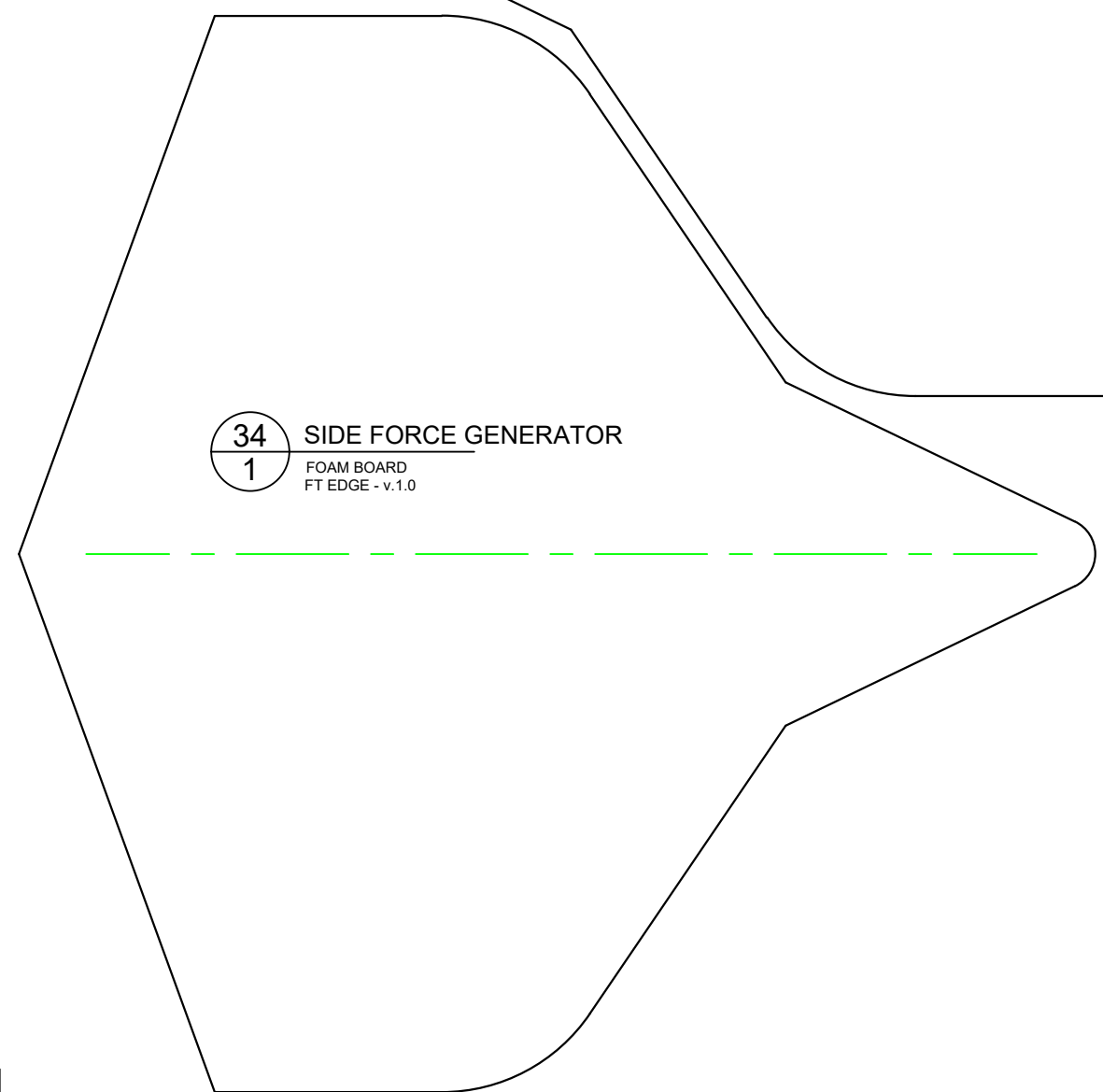
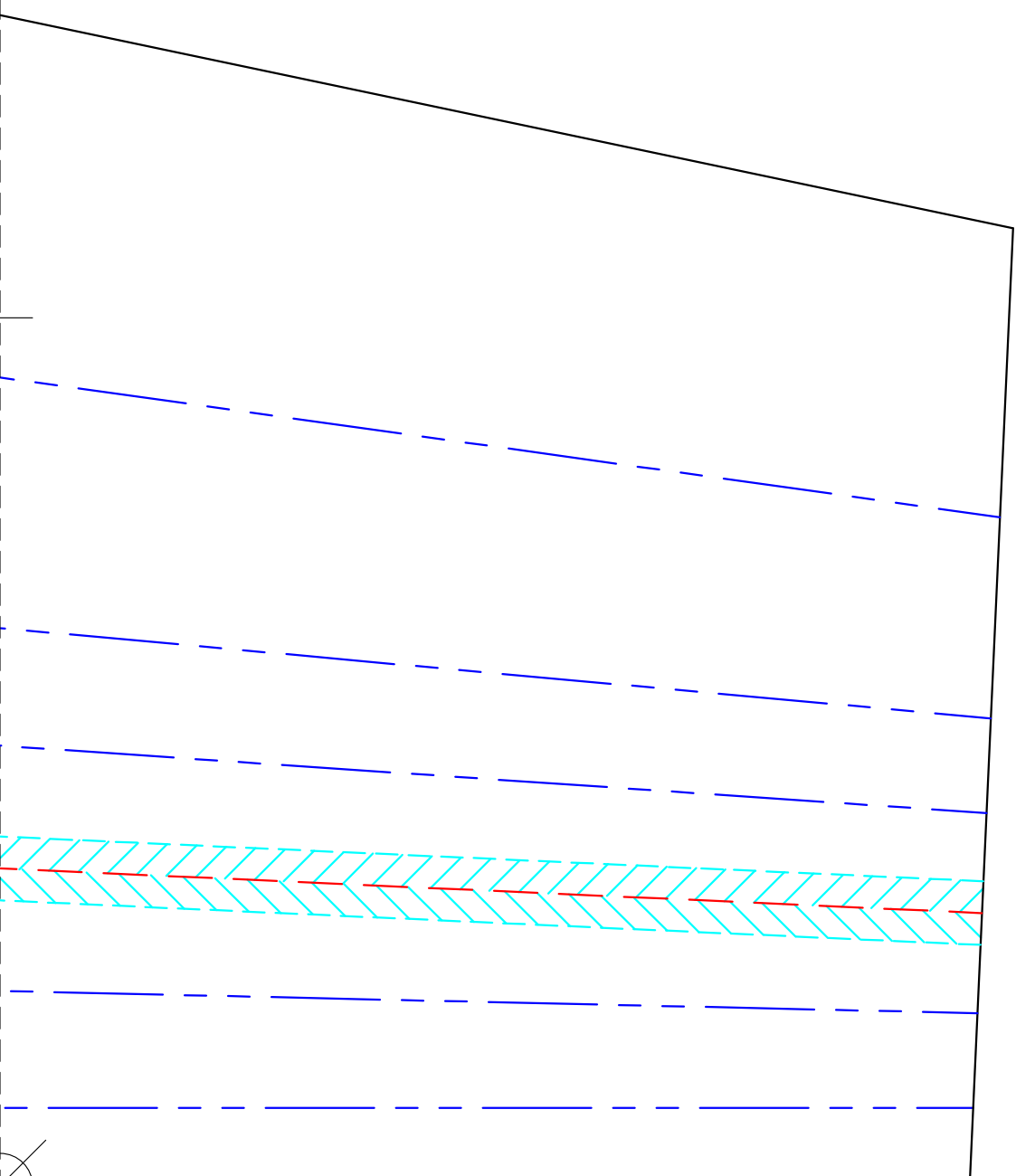
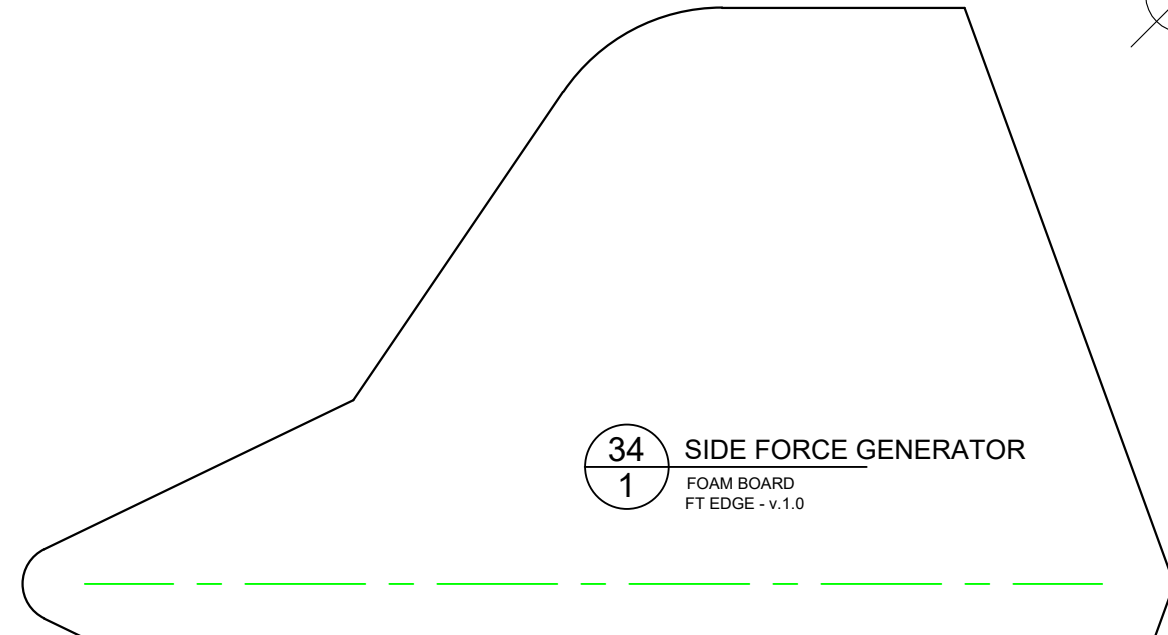
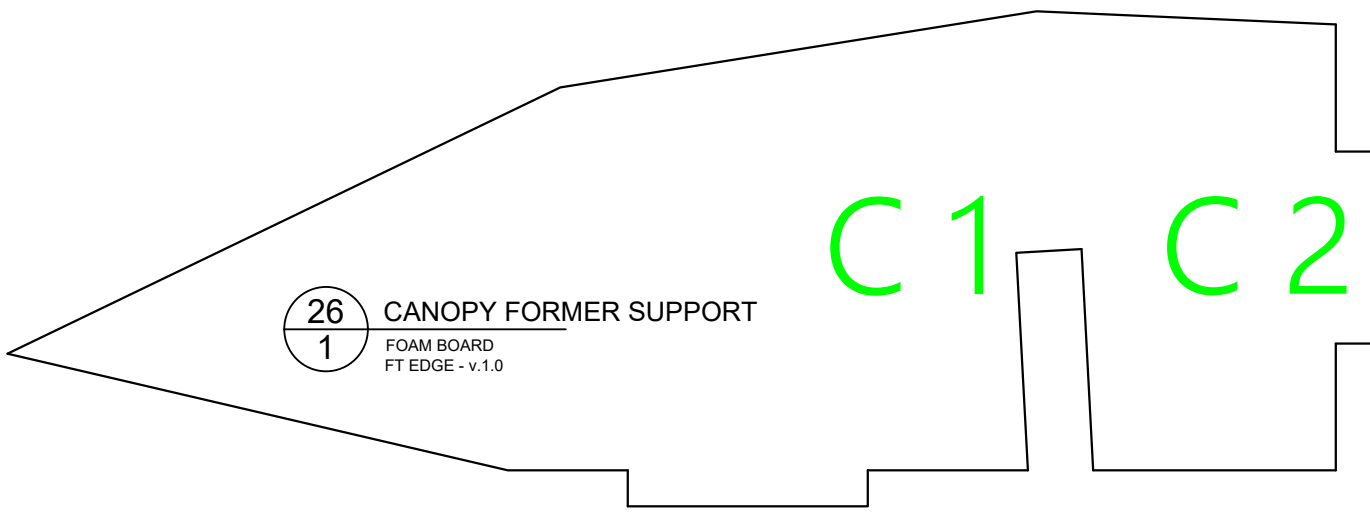
G1
90° ANGLE
FOAM BOARD
FT EDGE - v.1.0



IN
CM



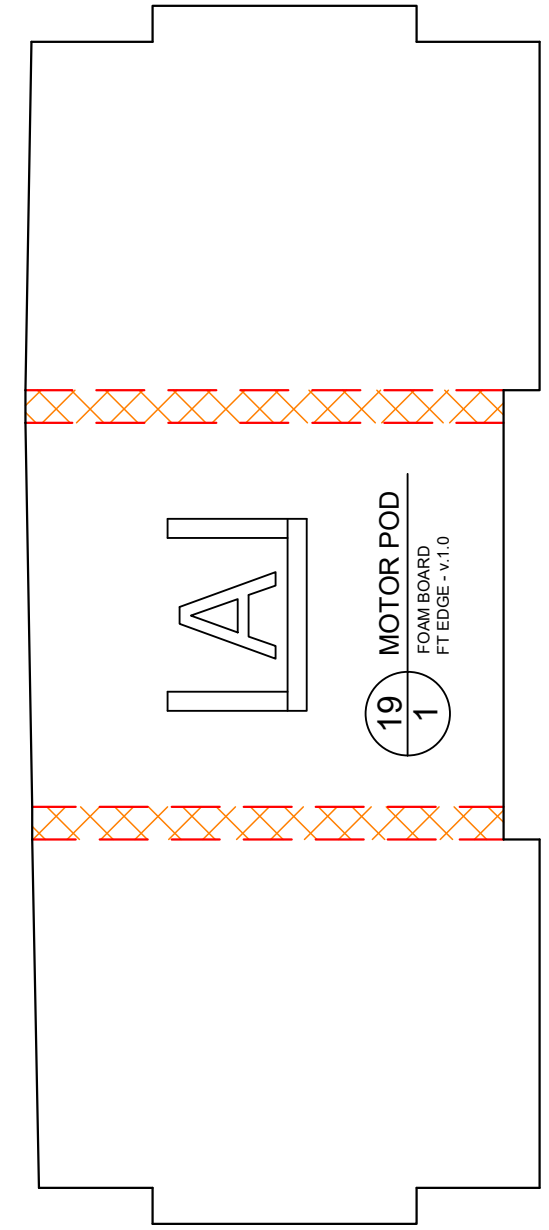
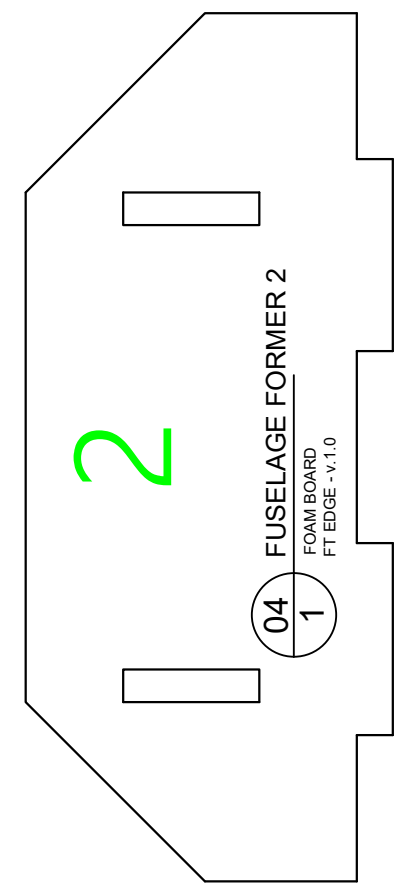
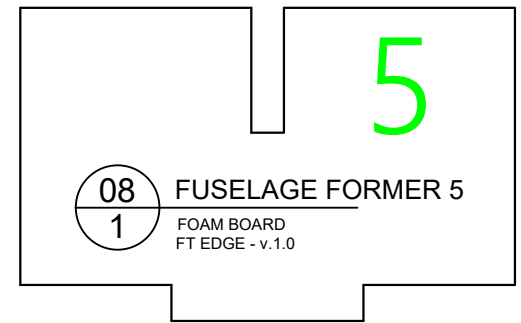
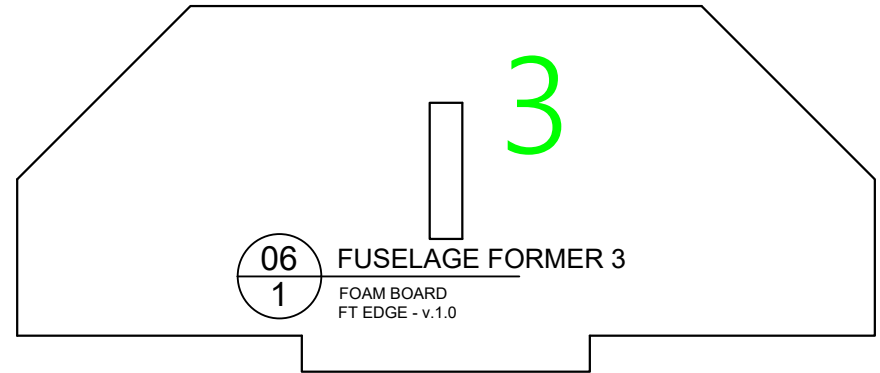
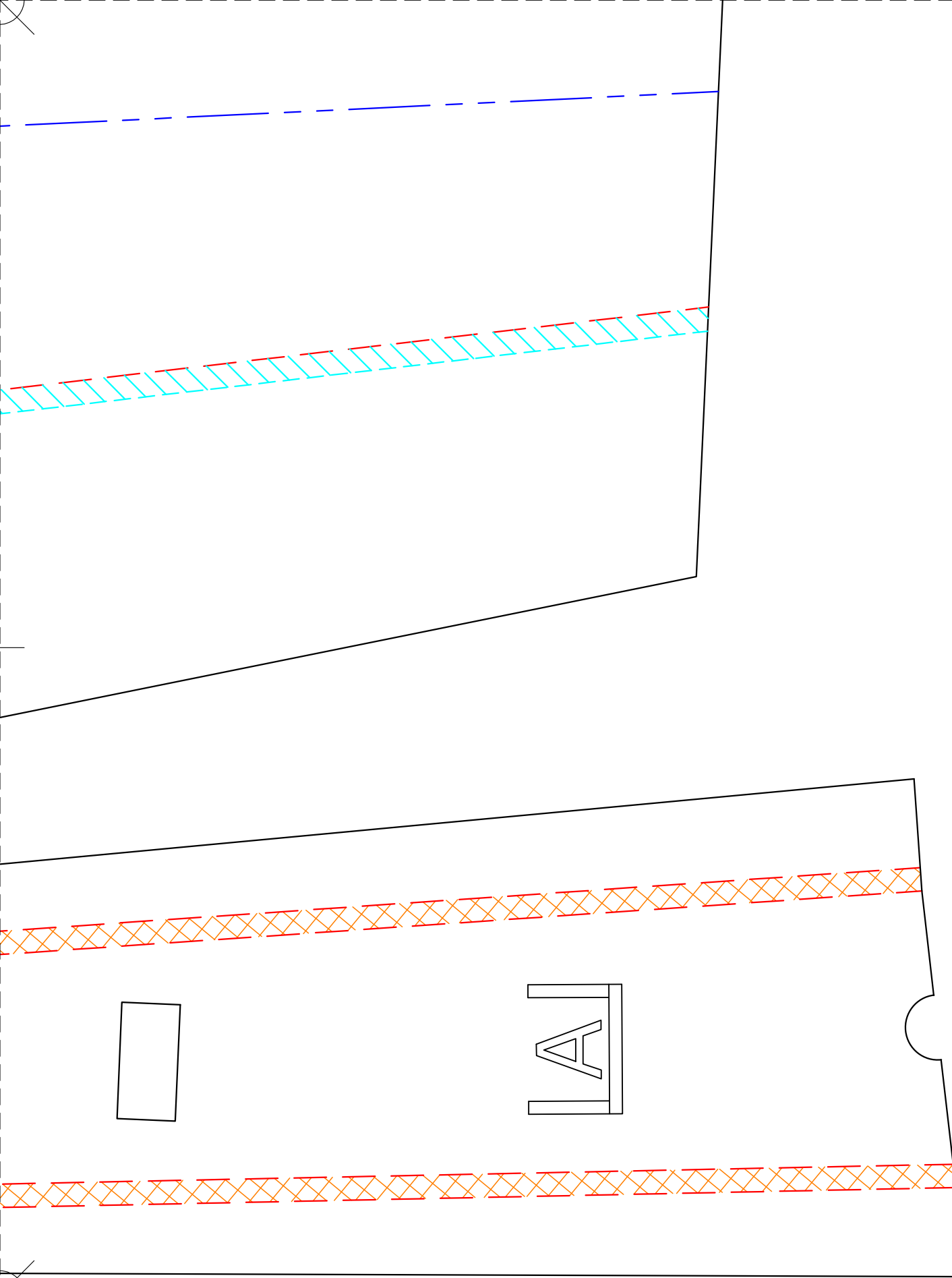
45° DOUBLE BEVEL

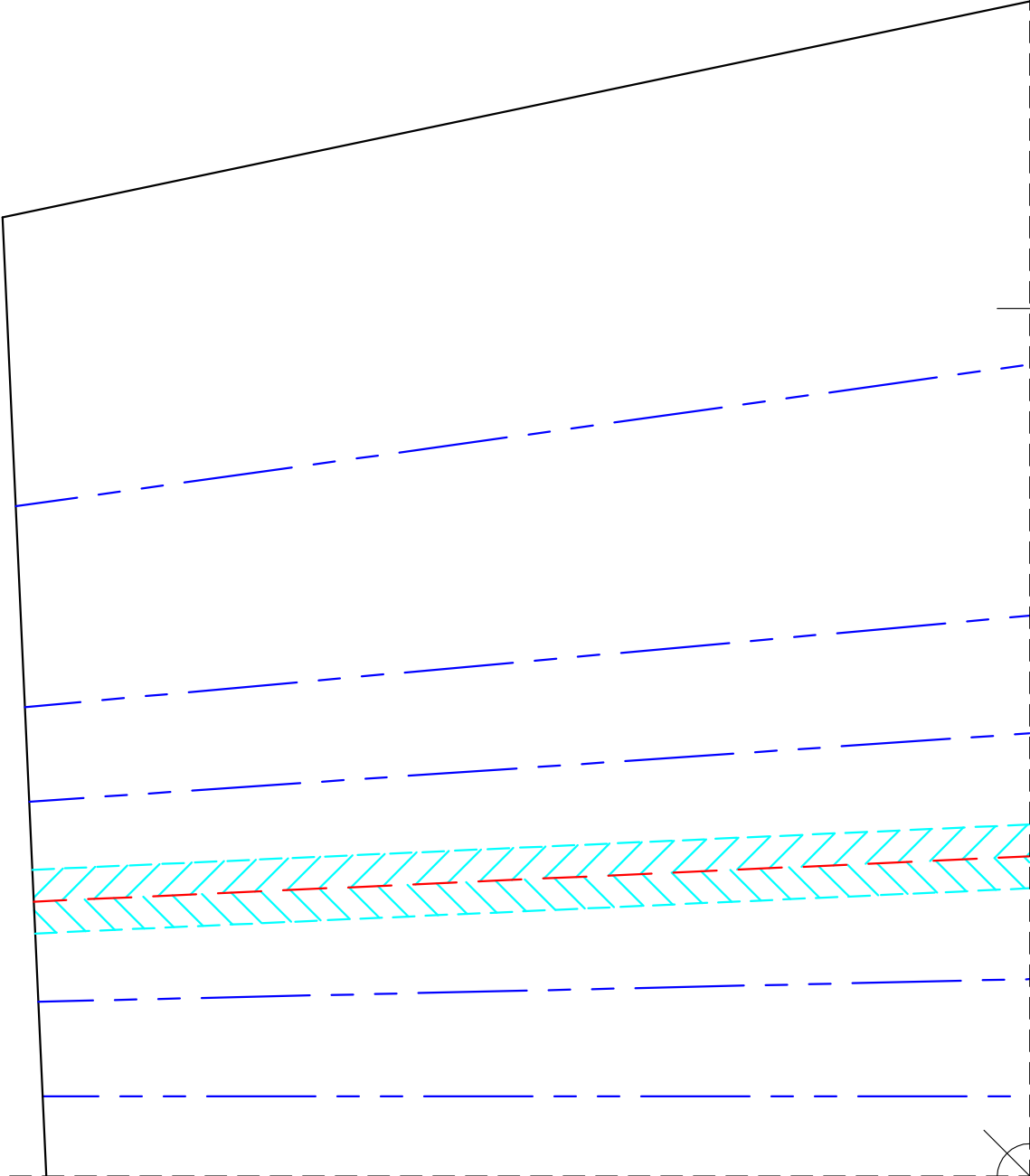
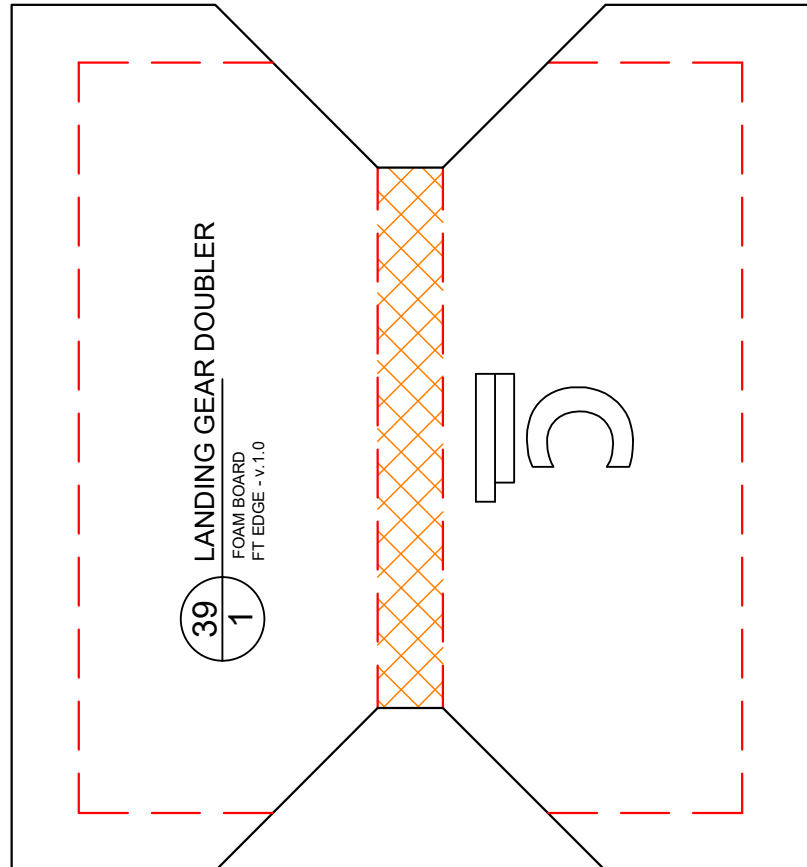
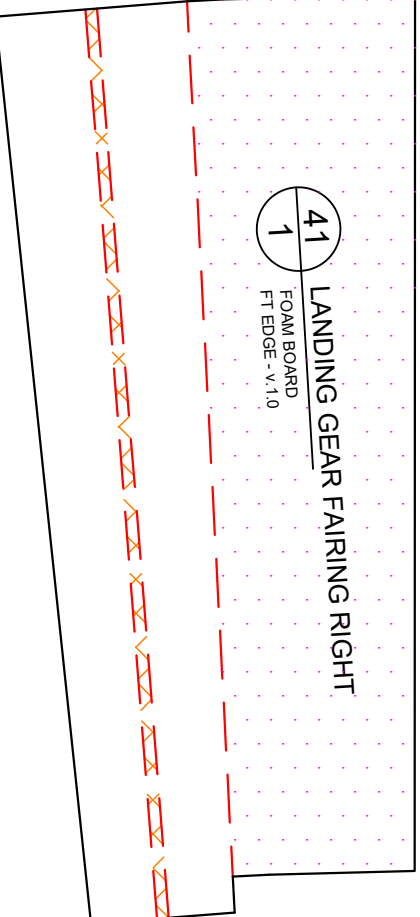
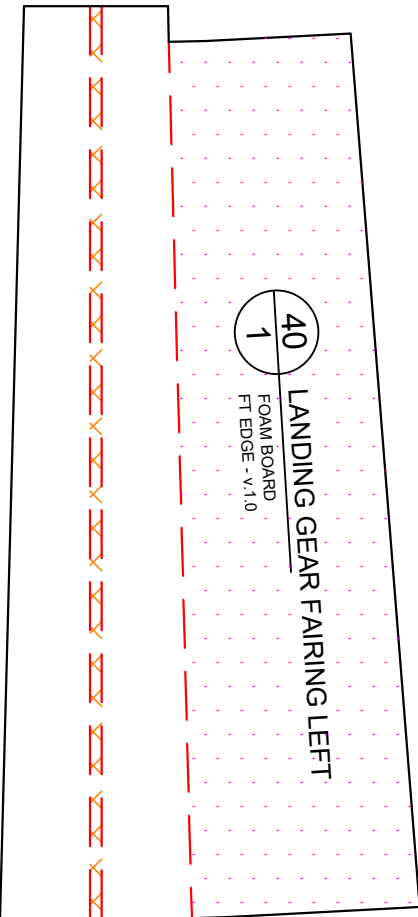


30 LEFT WING PANEL
FOAM BOARD
FT EDGE - v.1.0

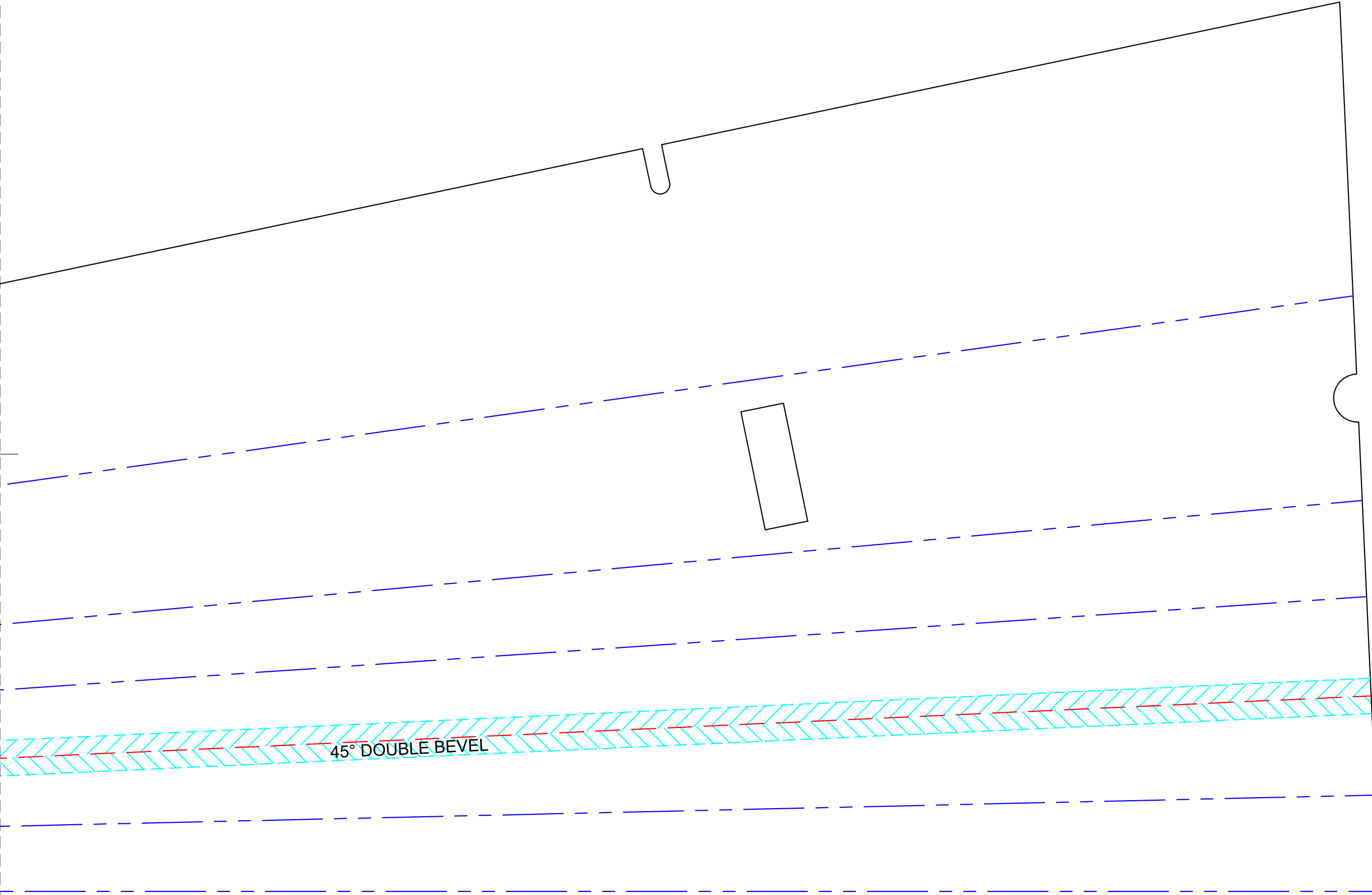
45° SINGLE BEVEL

31 LEFT WING SPAR
FOAM BOARD
FT EDGE - v.1.0





5

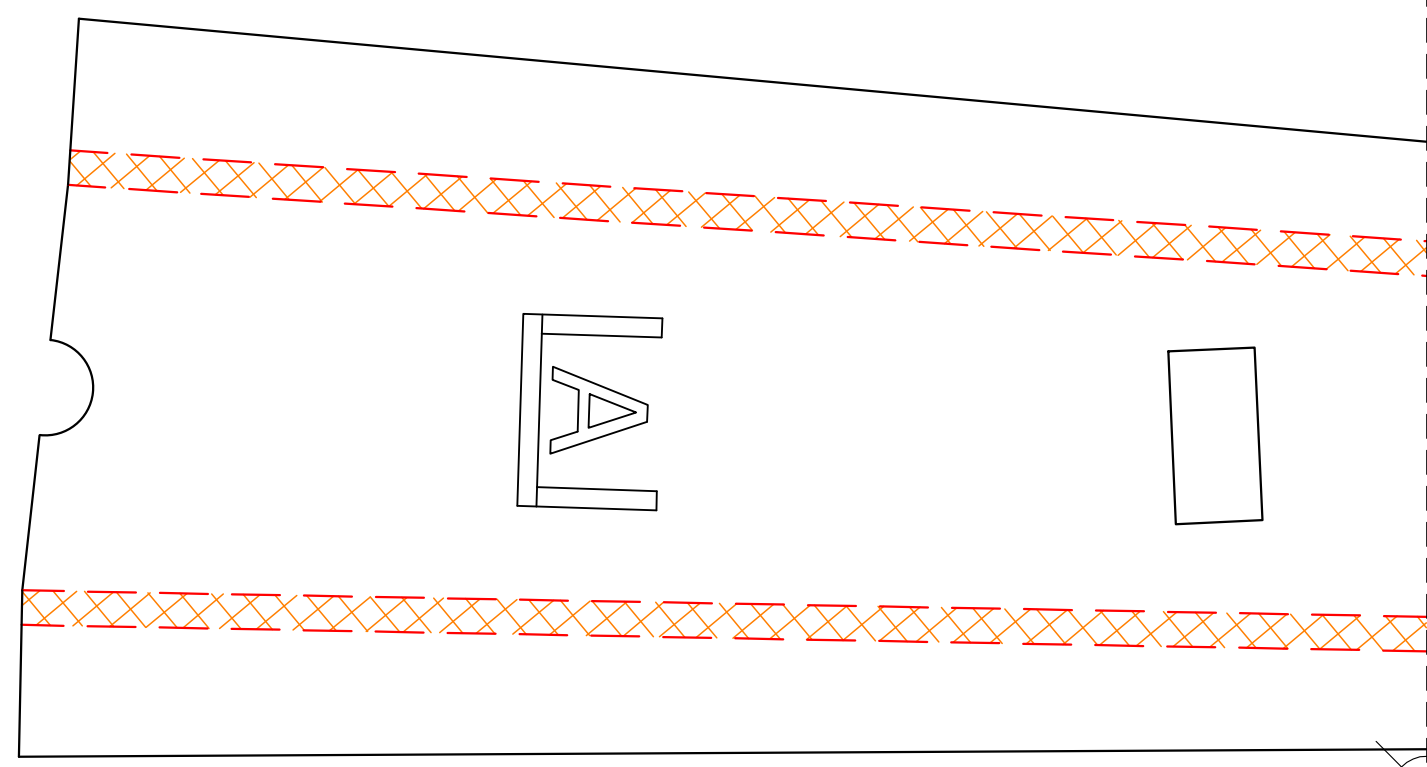
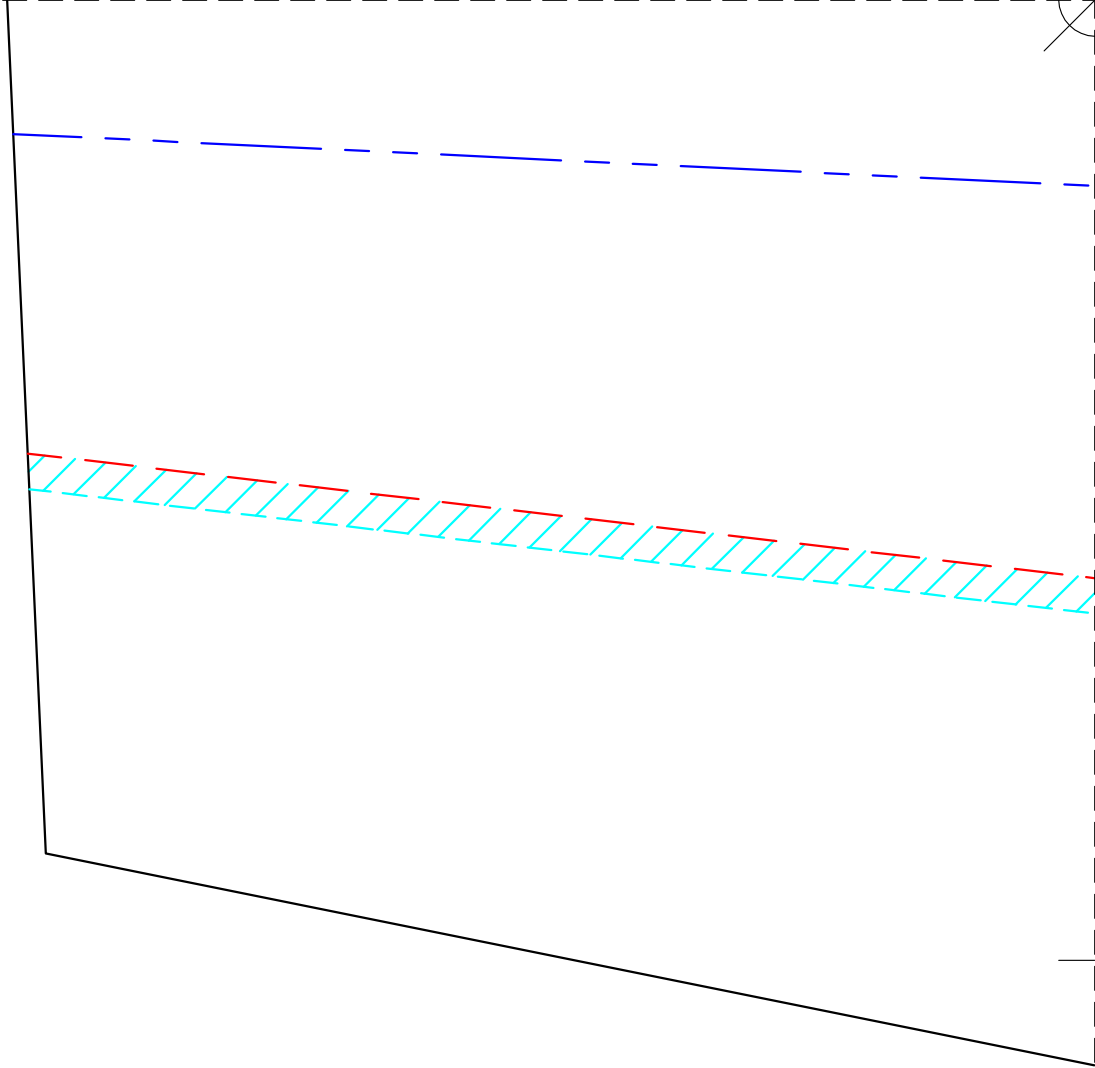
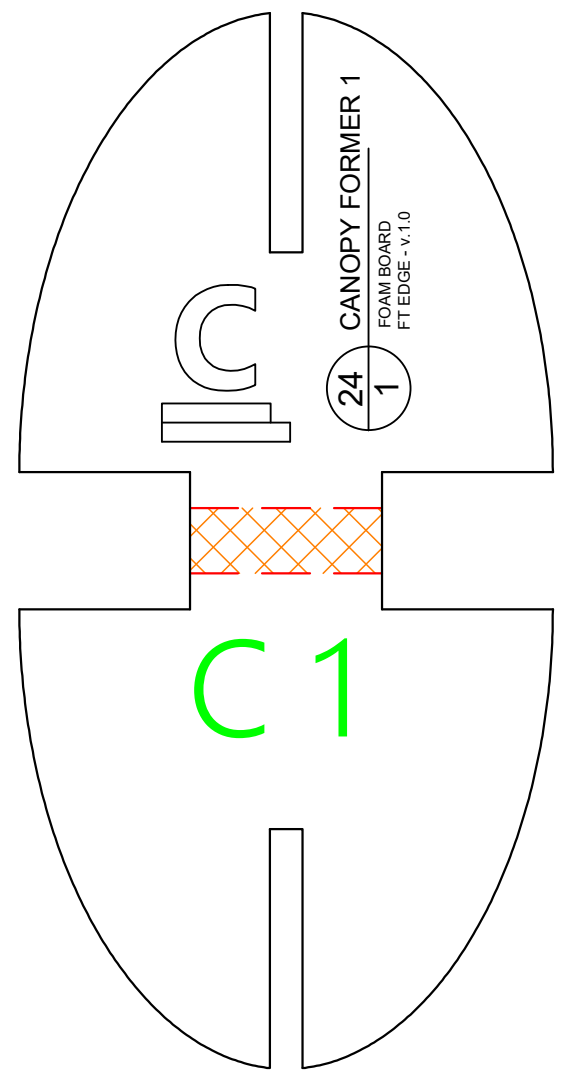
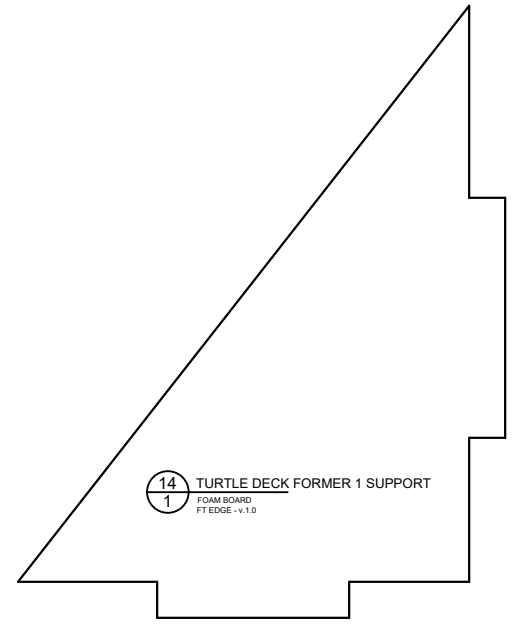


45° DOUBLE BEVEL

05 INTERNAL FUSELAGE STRINGER
FOAM BOARD
1 FT EDGE - v.1.0

4

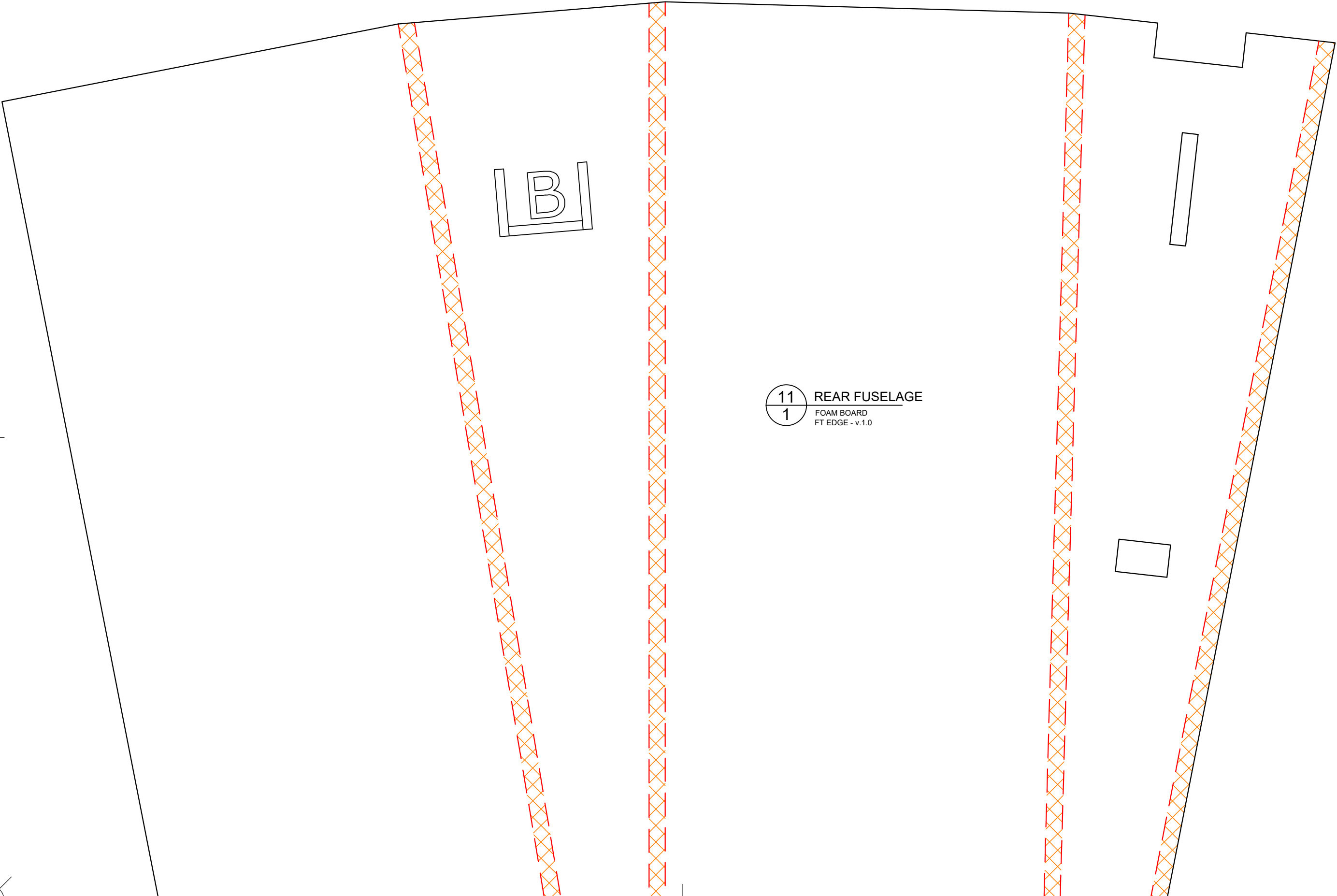
3



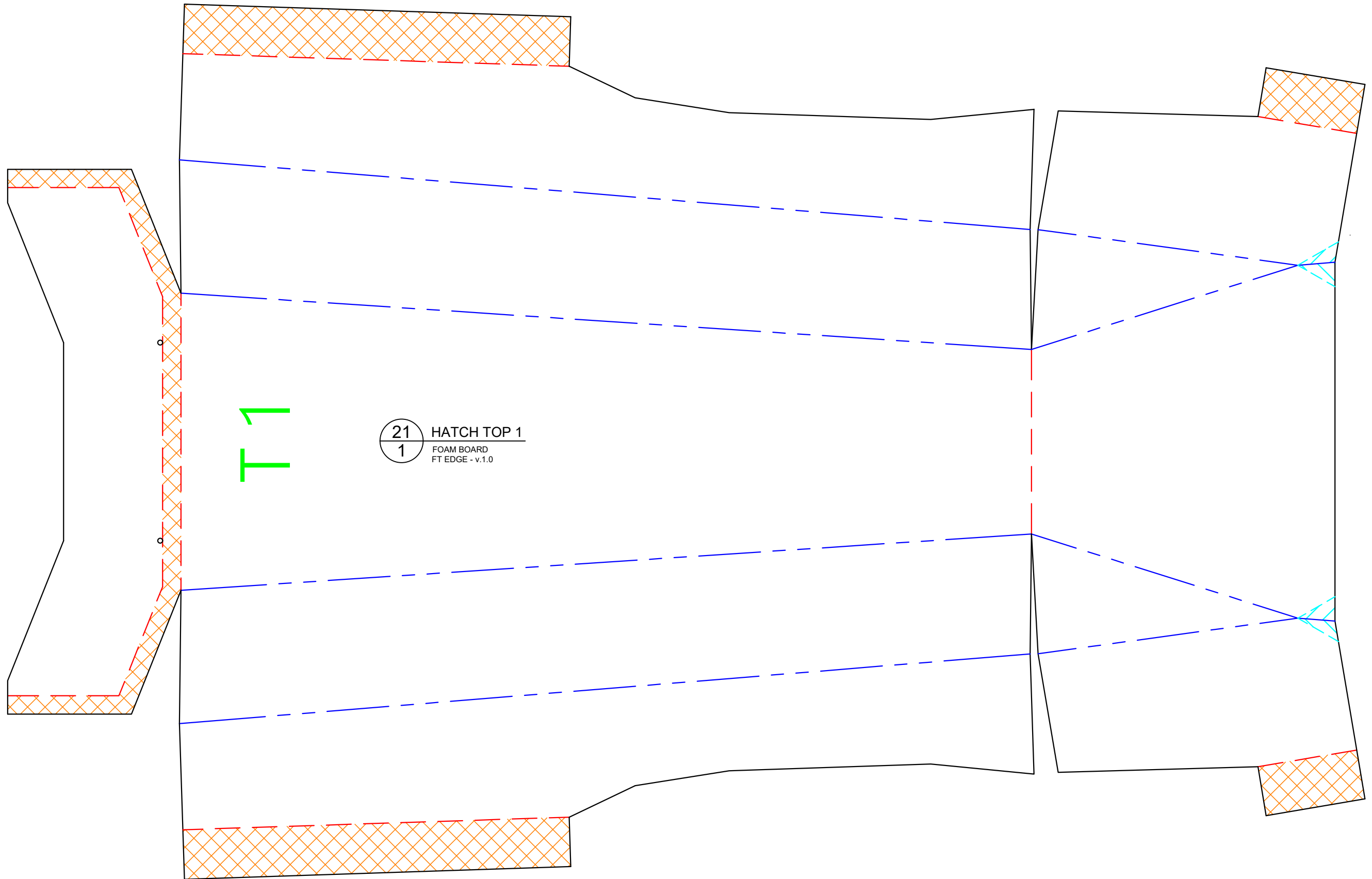
32 RIGHT WING PANEL
1 FOAM BOARD
FT EDGE - v.1.0

45° SINGLE BEVEL

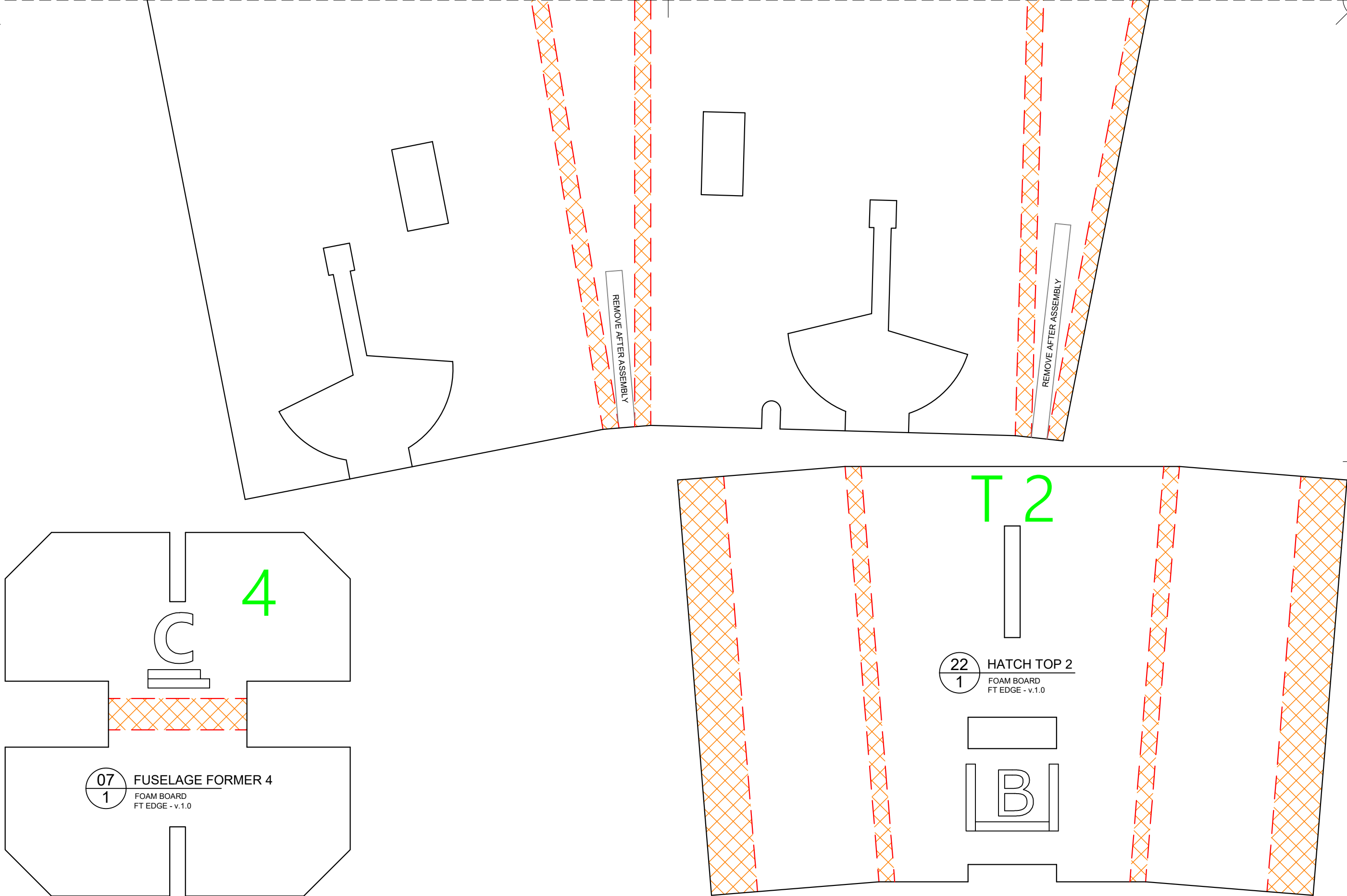
33 RIGHT WING SPAR
1 FOAM BOARD
FT EDGE - v.1.0



11 REAR FUSELAGE
1 FOAM BOARD
FT EDGE - v.1.0



21 HATCH TOP 1
1 FOAM BOARD
FT EDGE - v.1.0

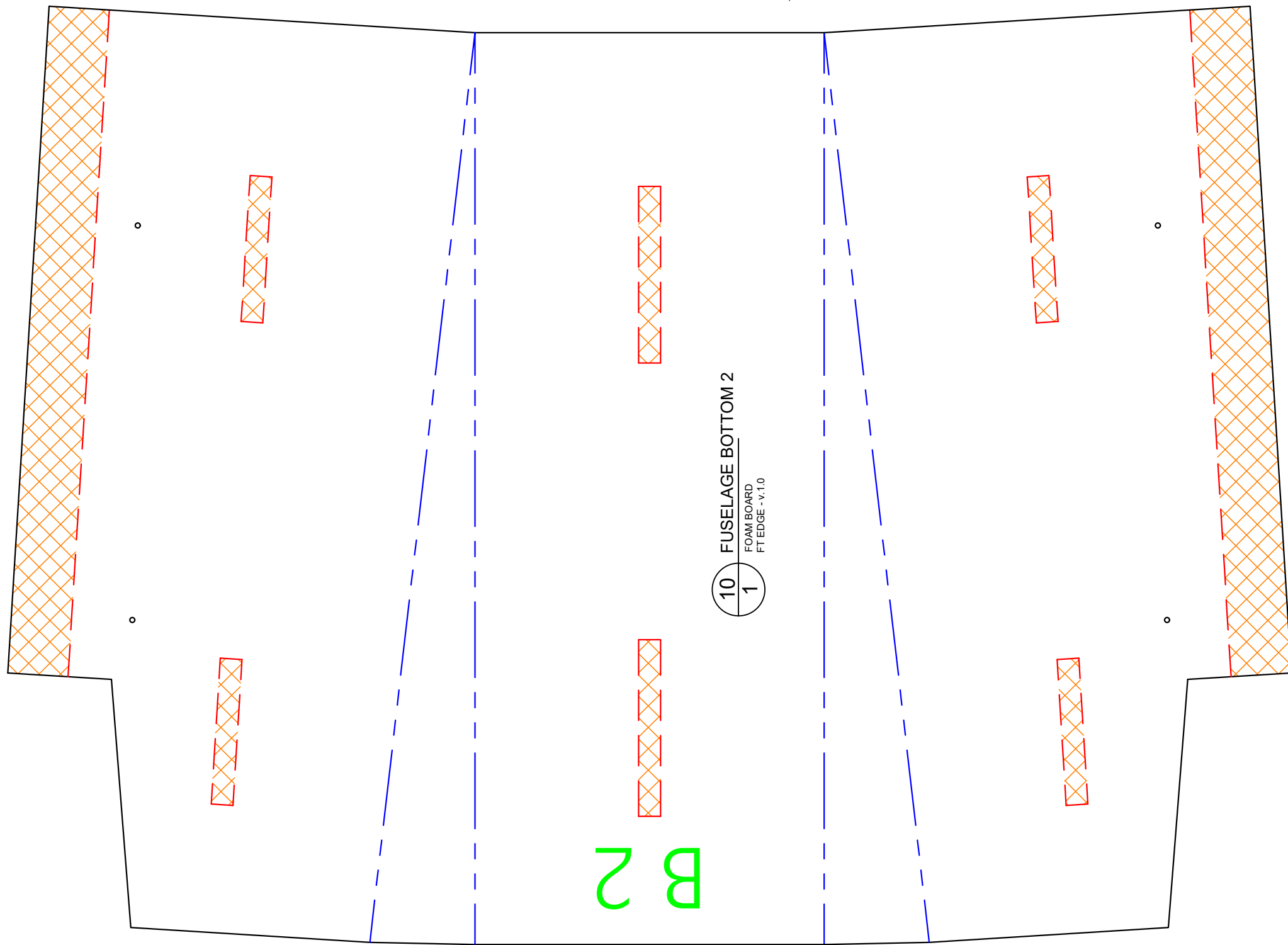


28 CANOPY MIDDLE
1 FOAM BOARD
FT EDGE - v.1.0

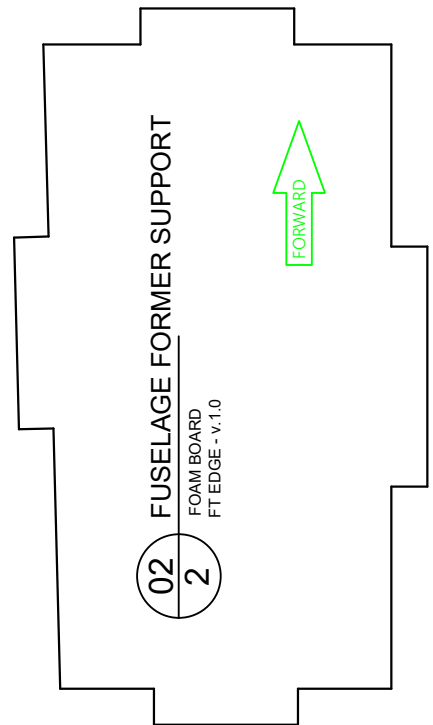
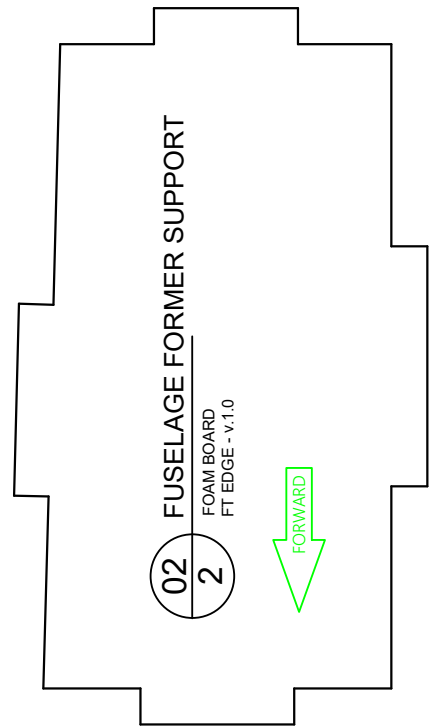
29 CANOPY FRONT
1 FOAM BOARD
FT EDGE - v.1.0

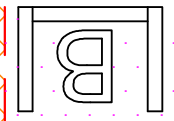
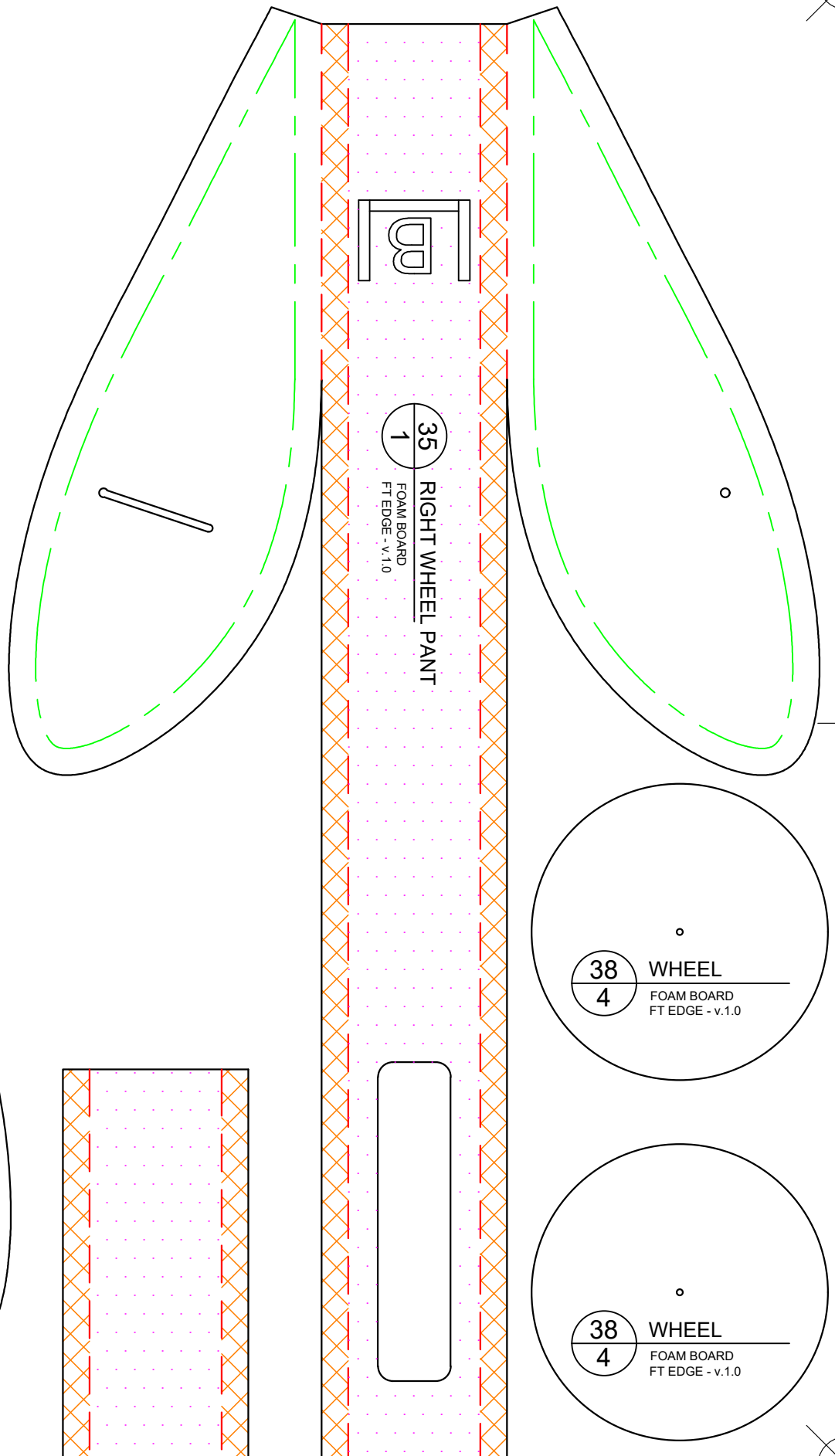
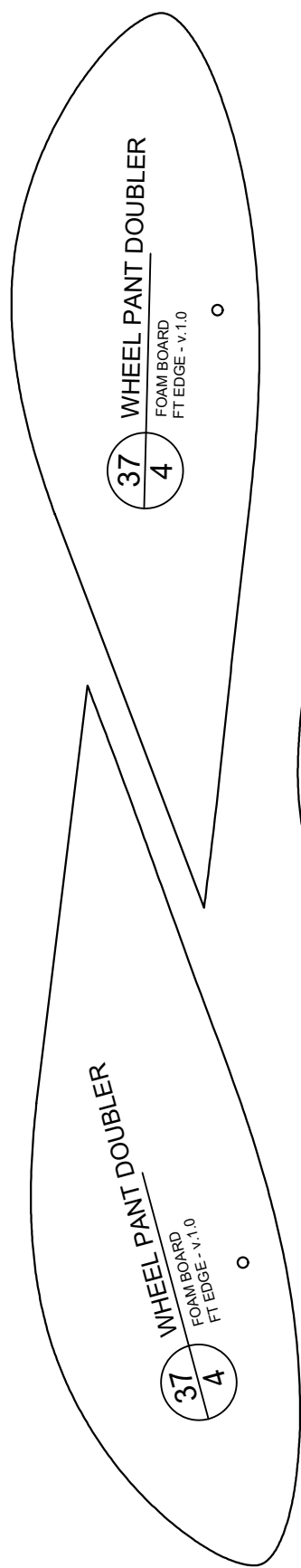
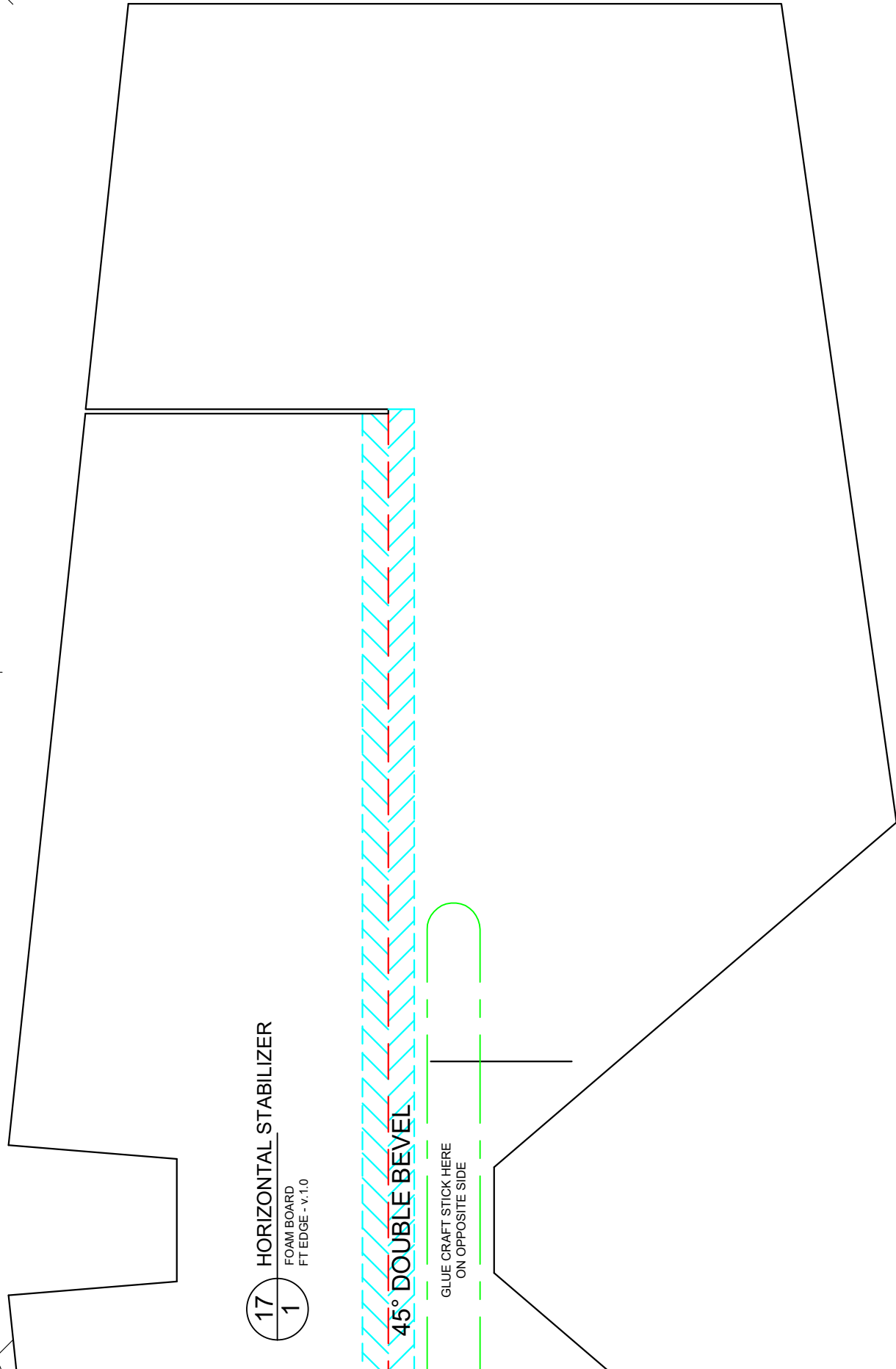
27 CANOPY REAR
1 FOAM BOARD
FT EDGE - v.1.0

16 TURTLE DECK
1 FOAM BOARD
FT EDGE - v.1.0



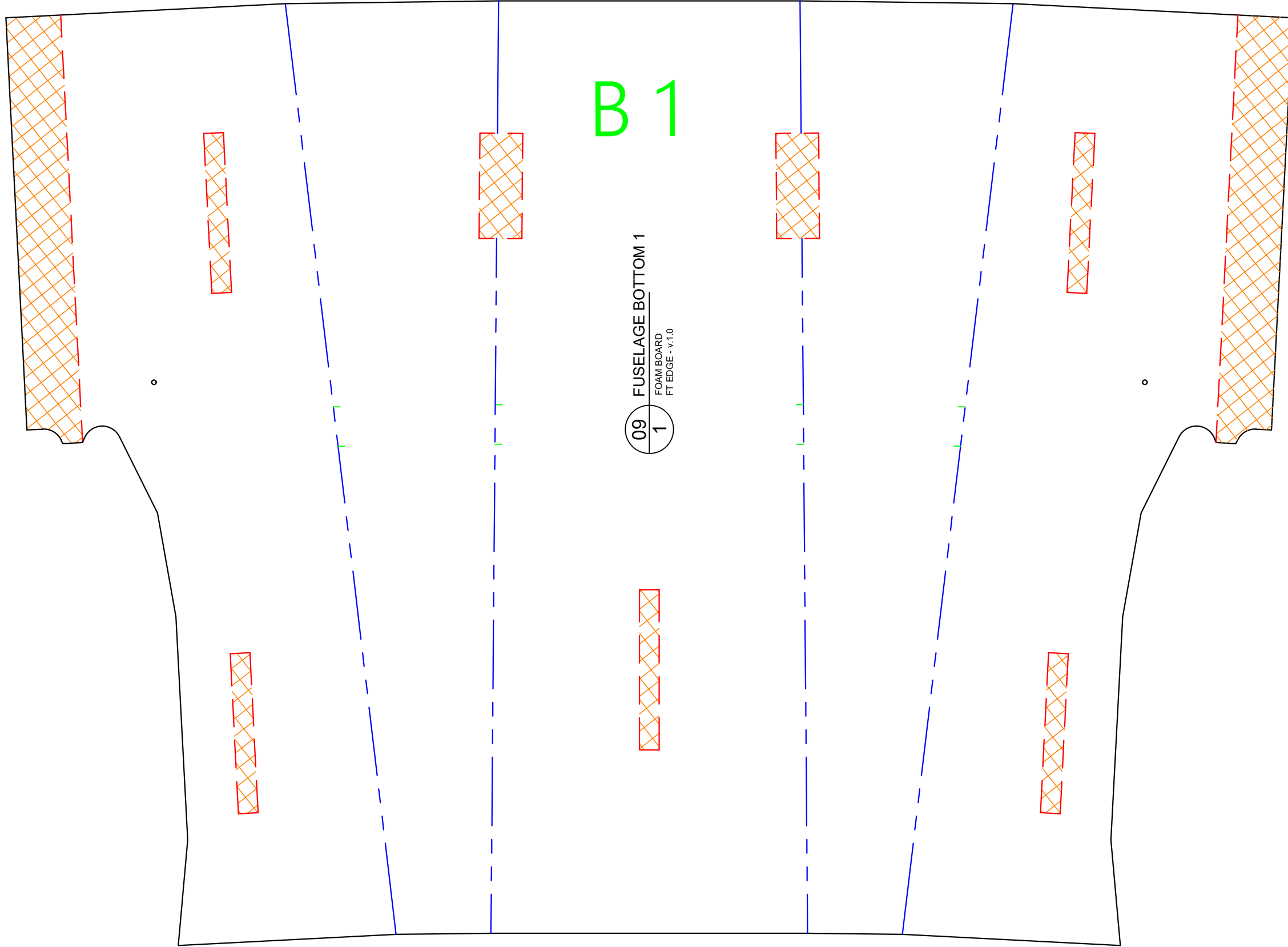
B 2

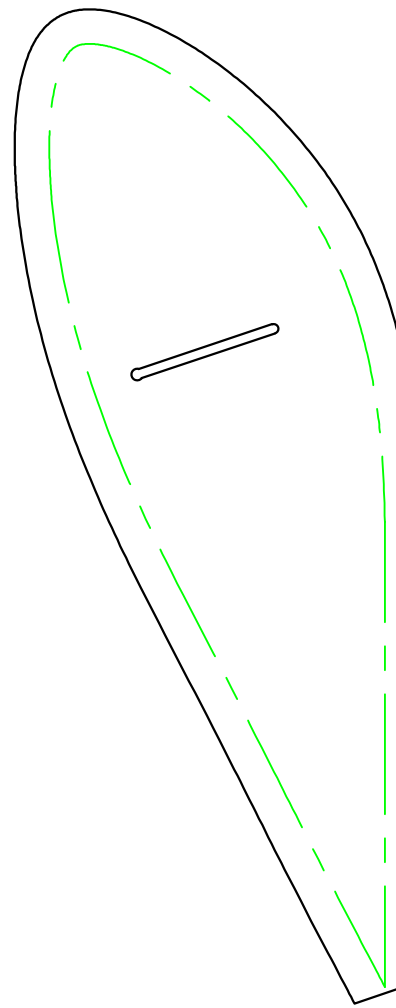
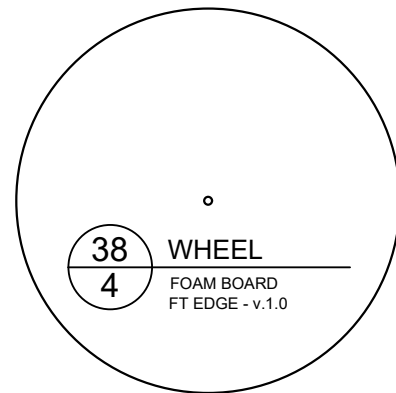
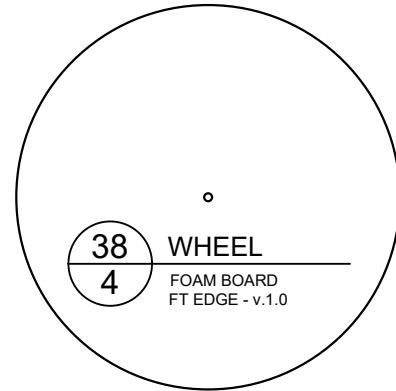
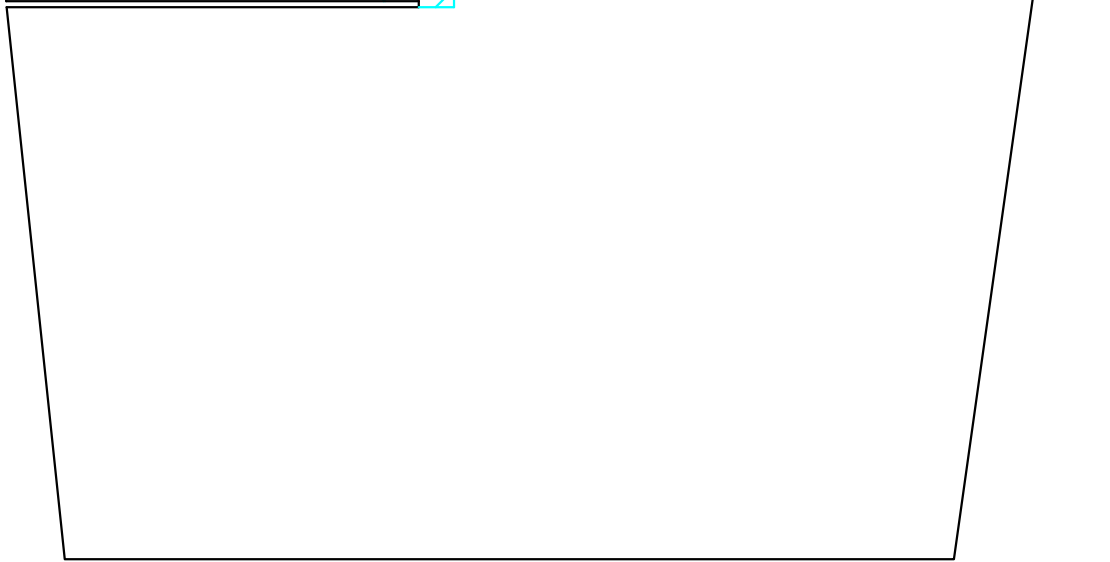
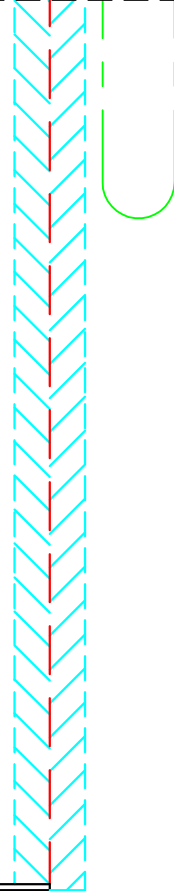




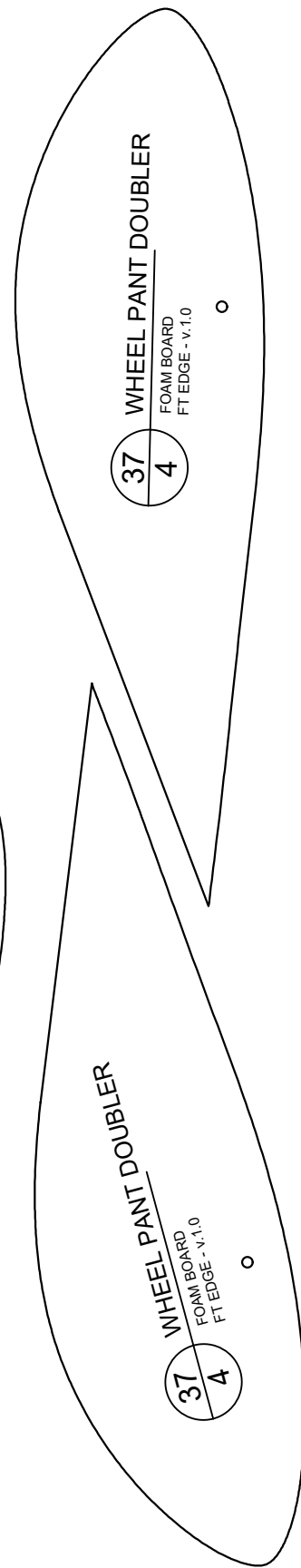
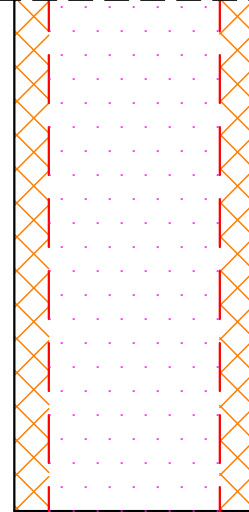
B 1

09 FUSELAGE BOTTOM 1
1 FOAM BOARD
FT EDGE - v.1.0





36 LEFT WHEEL PANT
FOAM BOARD
FT EDGE - v.1.0



37 WHEEL PANT DOUBLER
FOAM BOARD
FT EDGE - v.1.0

37 WHEEL PANT DOUBLER
FOAM BOARD
FT EDGE - v.1.0