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FT Simple Cub

Designed By: Josh Bixler
Drawing By: Dan Sponholz
Version: 1.1
Date: 2017.12.07



SPECIFICATIONS

DESCRIPTION		IMPERIAL	METRIC
LENGTH		30.5 in	775 mm
CENTER OF GRAVITY	CG	1.75 in	45 mm
WING SPAN		38 in	965 mm
WING AREA		302 in ²	19.5 dm ²
DRY WEIGHT		14.4 oz	408 g
ALL UP WEIGHT	AUW	17.25 oz	489 g
WING LOADING	WL	8.23 oz/ft ²	25.1 g/dm ²
WING CUBIC LOADING	WCL	5.7	

RECOMMENDED SETTINGS

	THROW	EXPO
AILERON	12°	30%
ELEVATOR	12°	30%
RUDDER	12°	30%



Build Skill Level :



Pilot Skill Level :





FT Simple Cub: Sheet & Tile Key

1	2	3	4	17	18	19	20
5	6	7	8	21	22	23	24

25	26	27	28	41	42	43	44
29	30	31	32	45	46	47	48

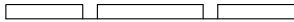
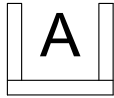
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53	54	55	56	69	70	71	72



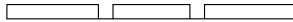
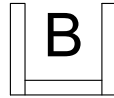
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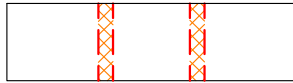
FOLD TYPES



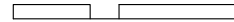
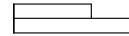
A - FOLD (ABOVE)



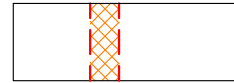
B - FOLD (BESIDE)



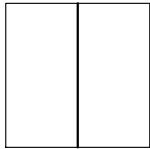
C



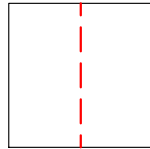
C - FOLD (COVER)



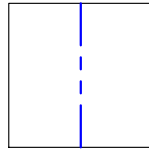
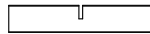
LINE TYPE/COLOR



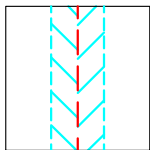
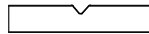
CUT



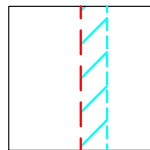
50% SCORE



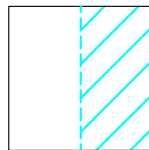
CREASE



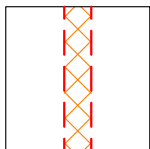
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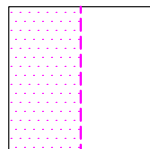
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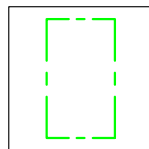
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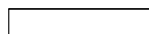
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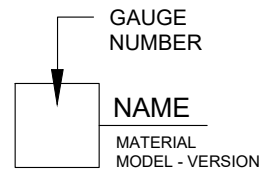
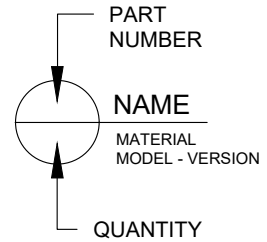
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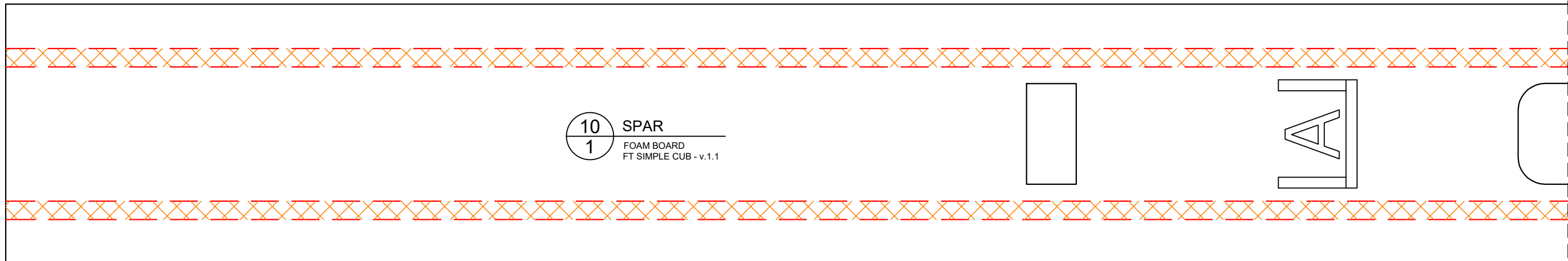
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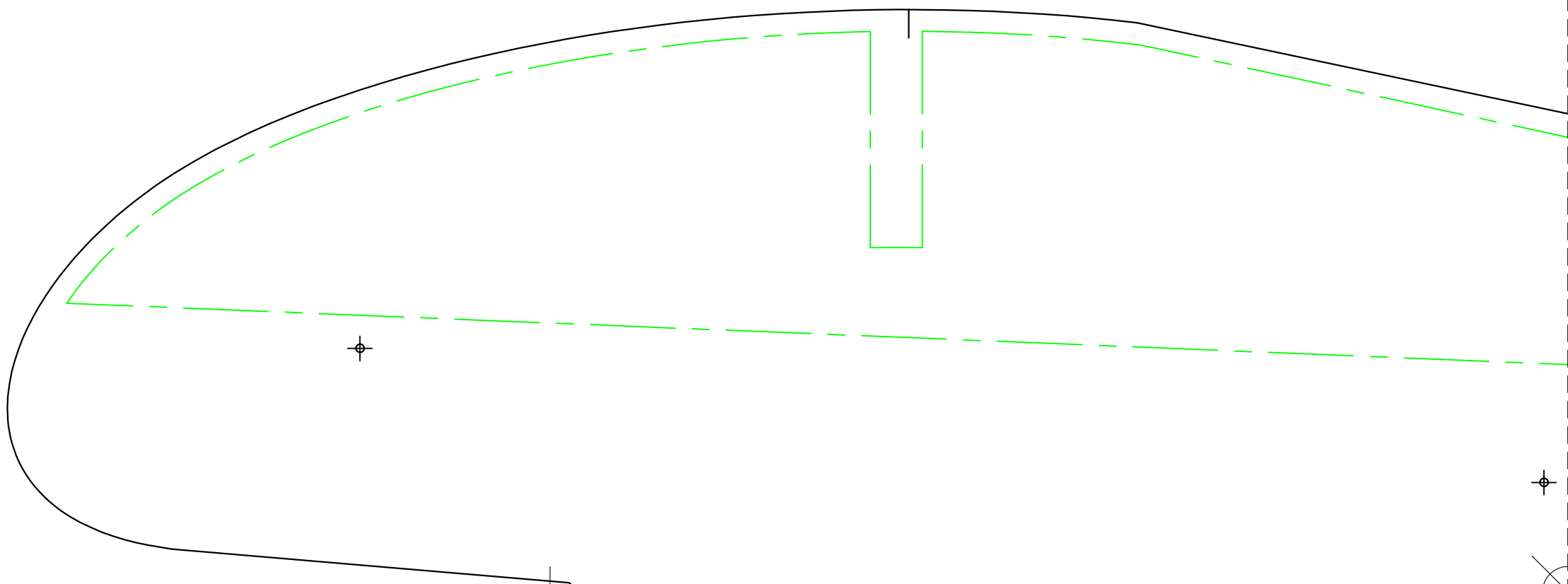
SYMBOLS

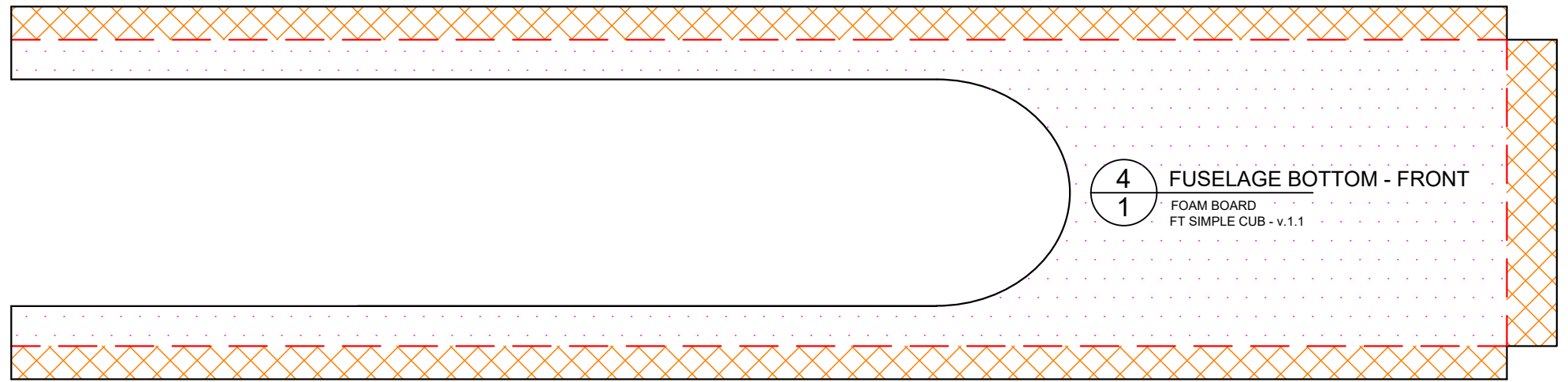
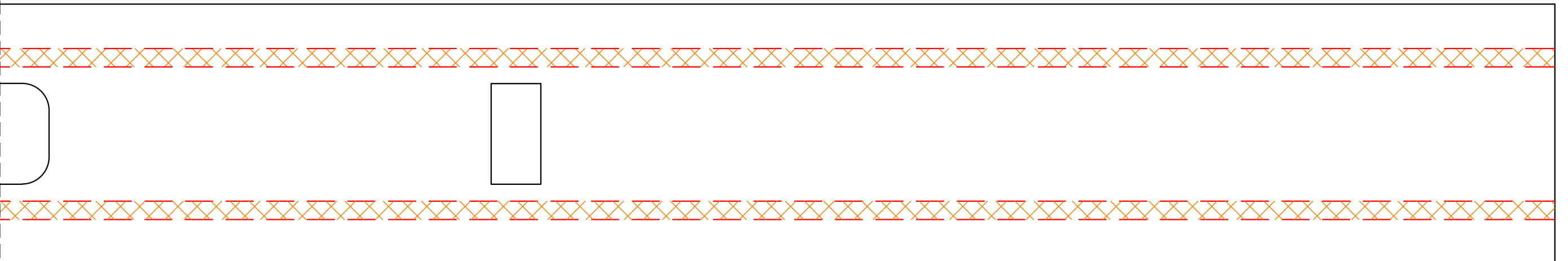


CENTER OF GRAVITY (CG)

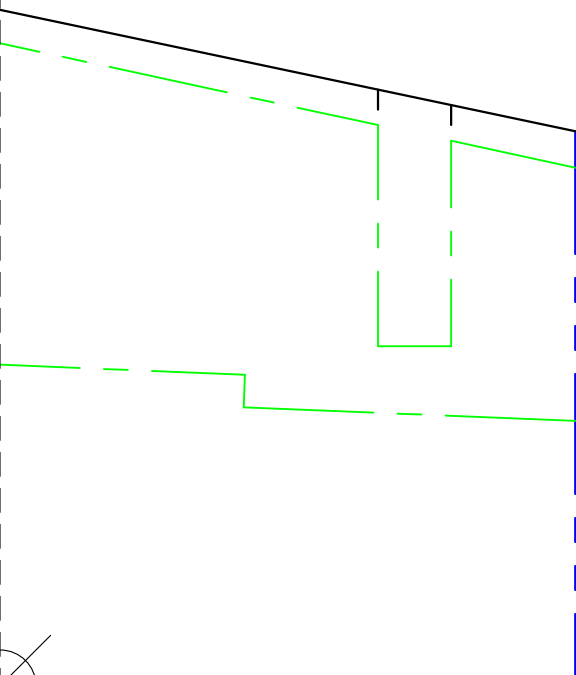


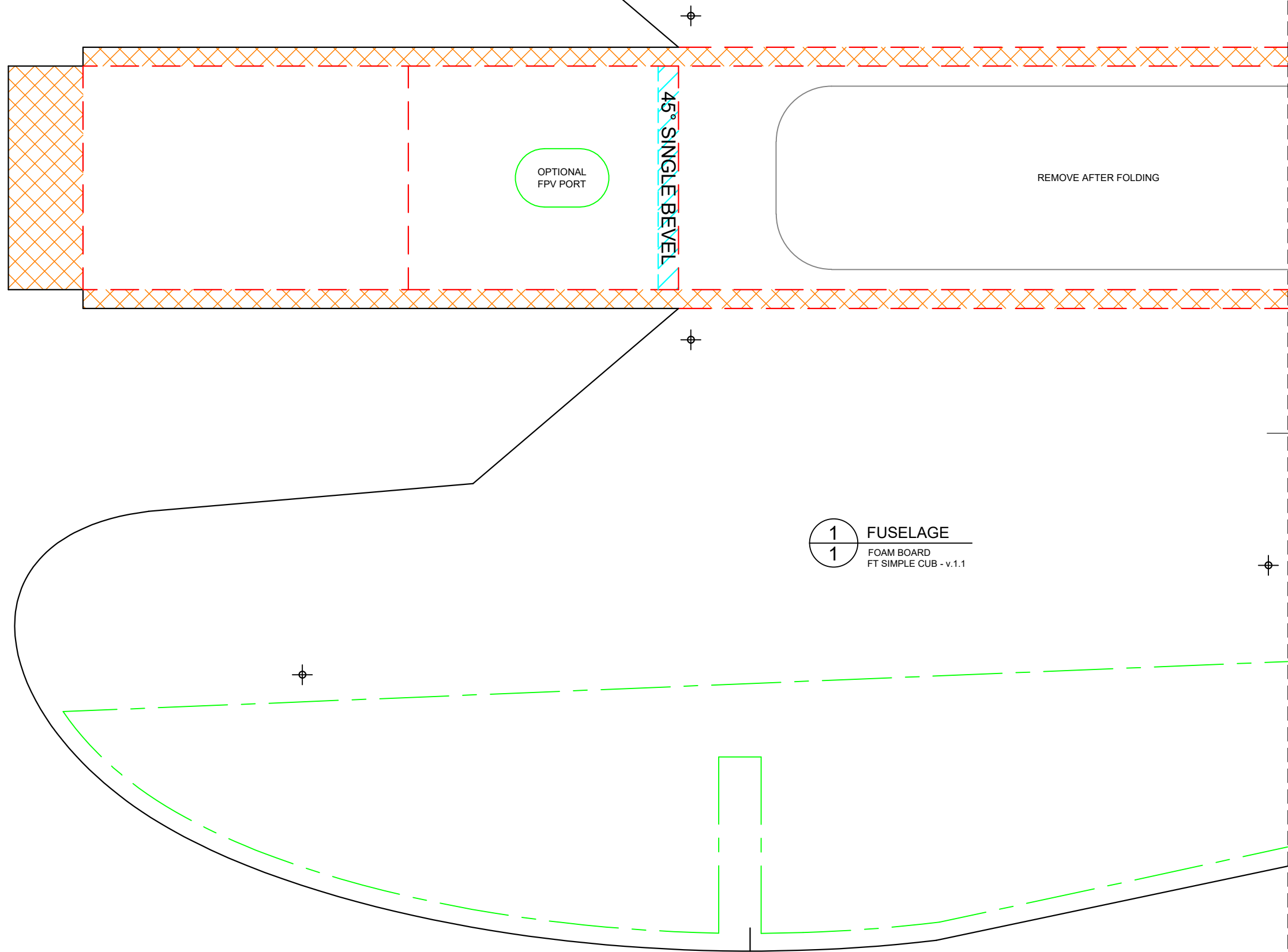
10 SPAR
1 FOAM BOARD
FT SIMPLE CUB - v.1.1

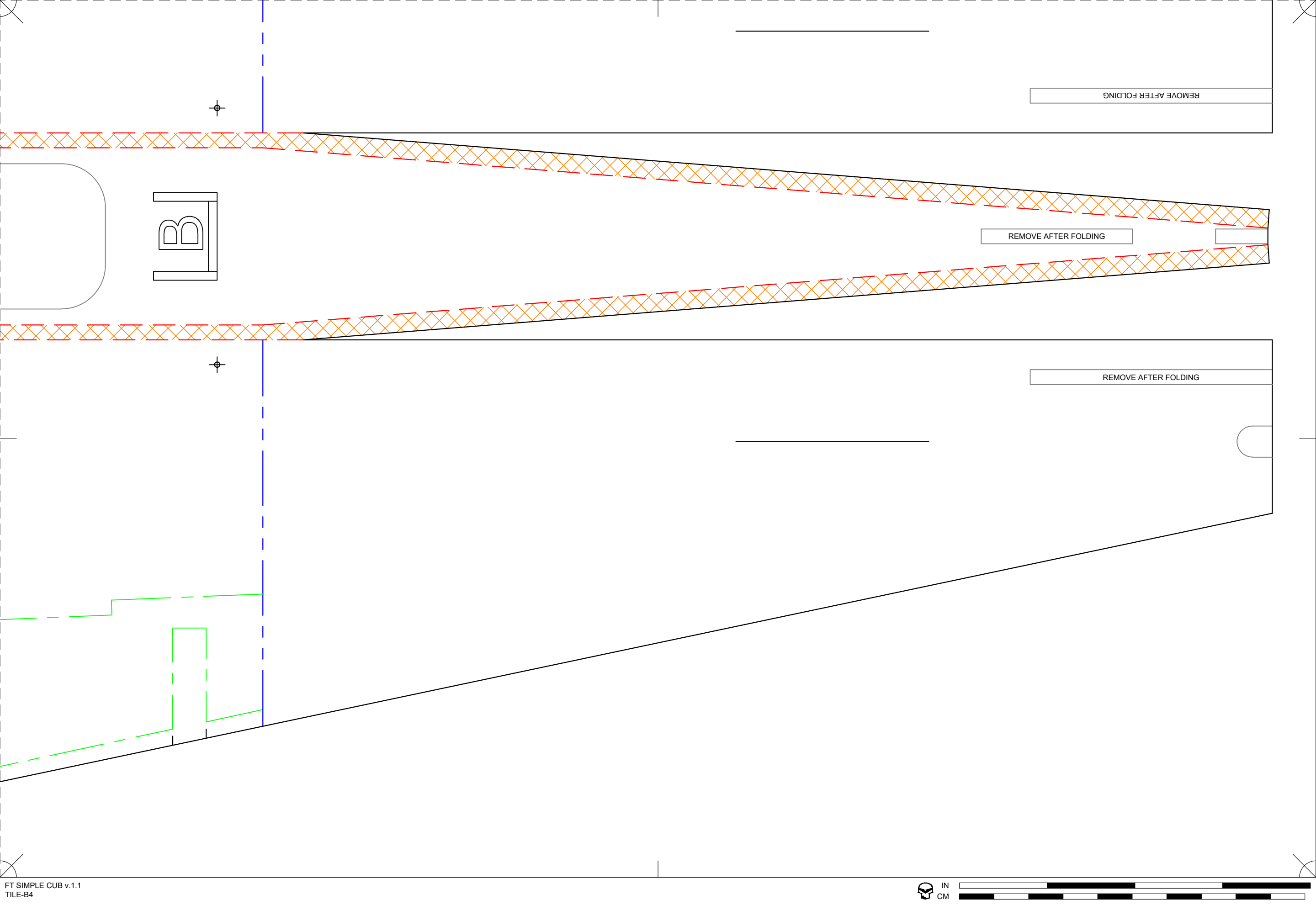




4 FUSELAGE BOTTOM - FRONT
1 FOAM BOARD
FT SIMPLE CUB - v.1.1



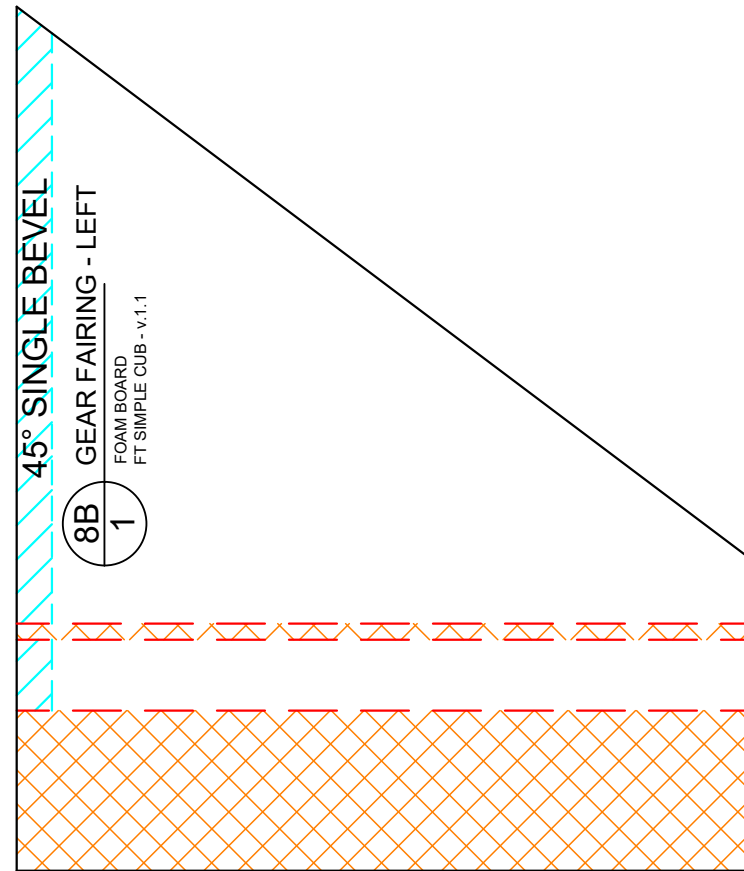
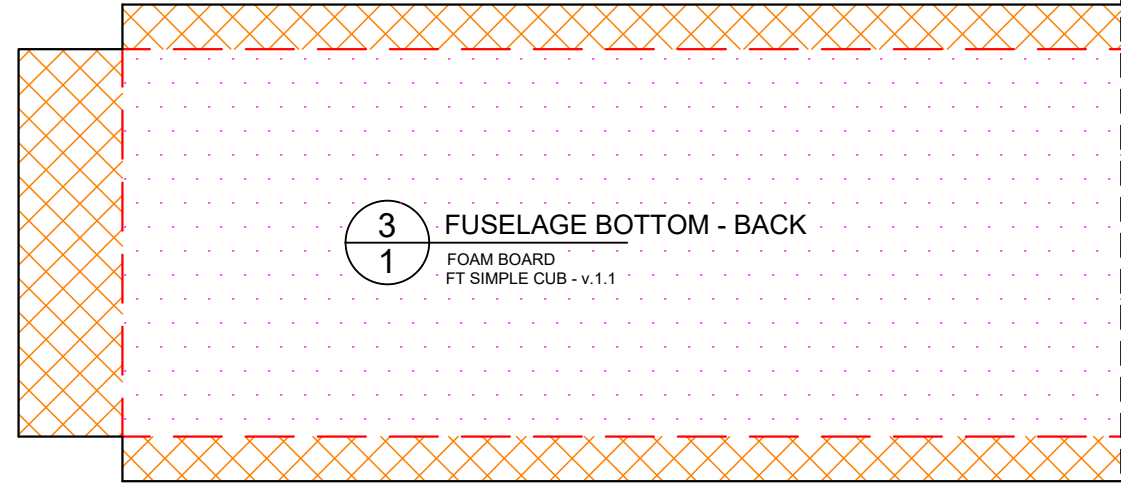
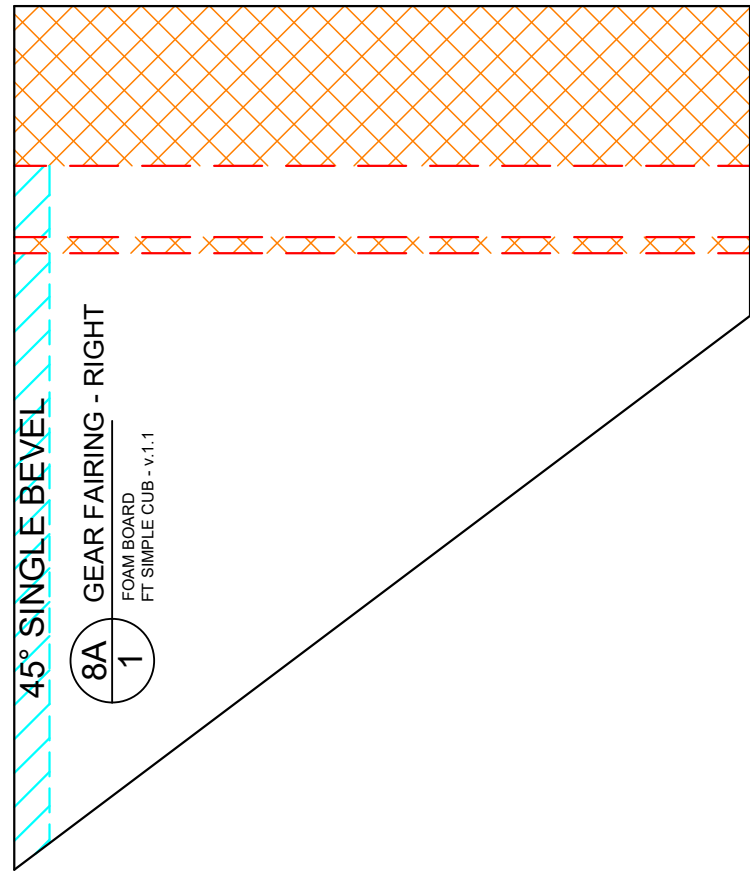
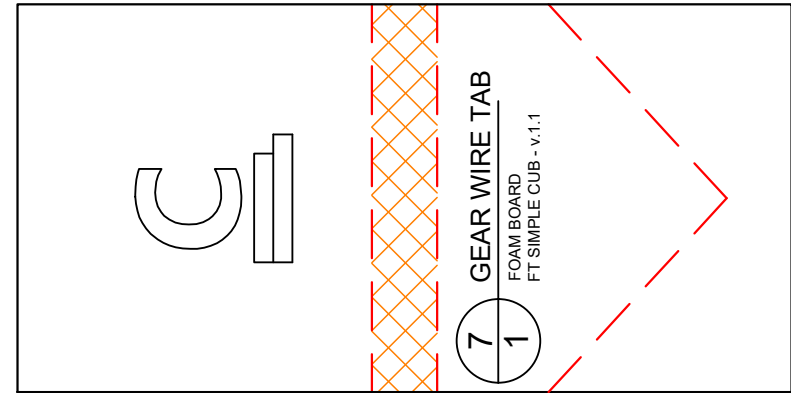


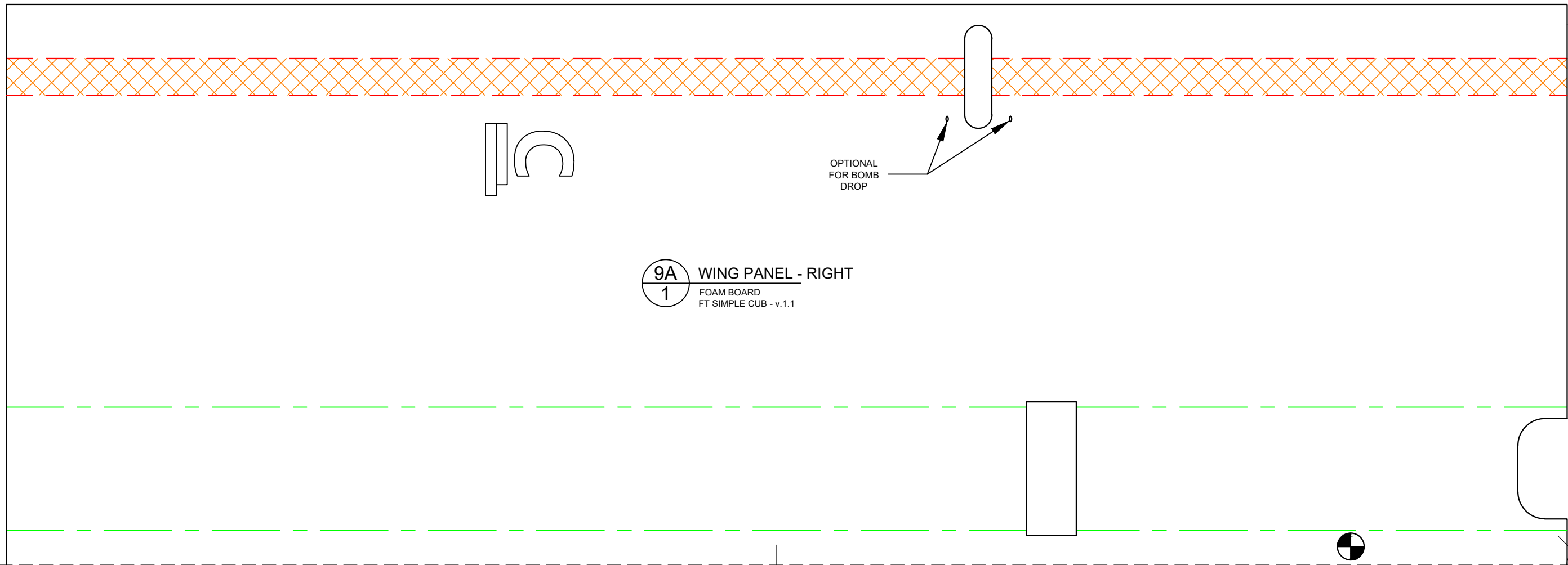
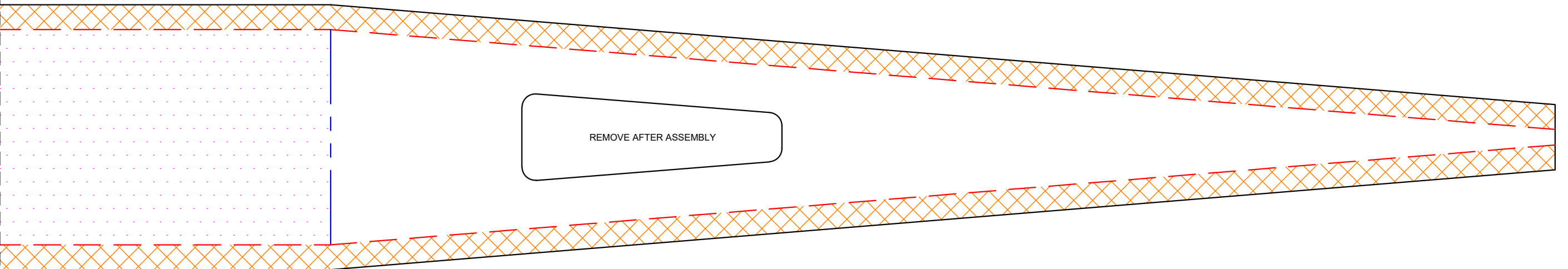


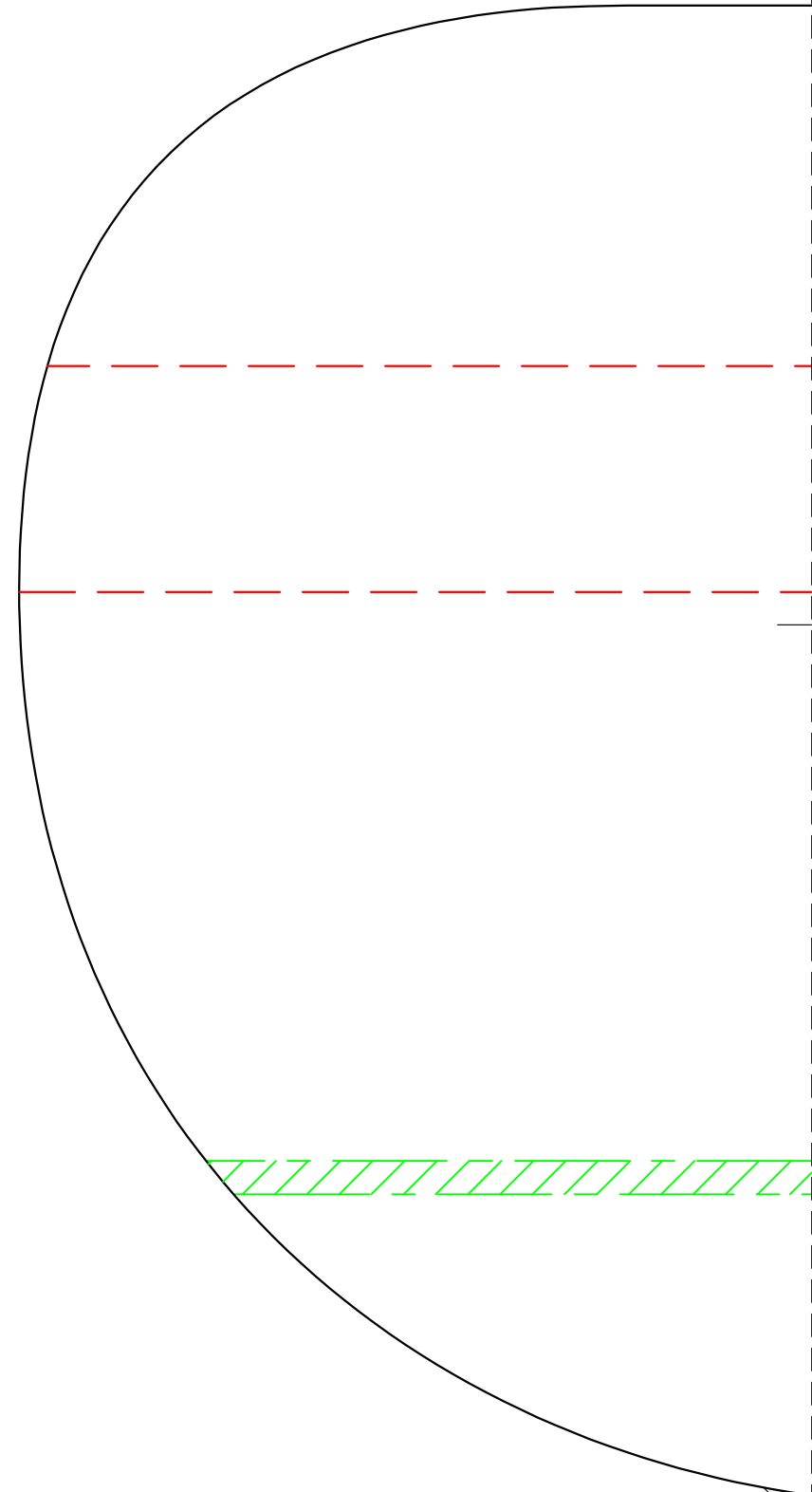
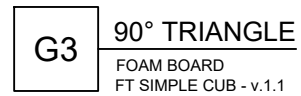
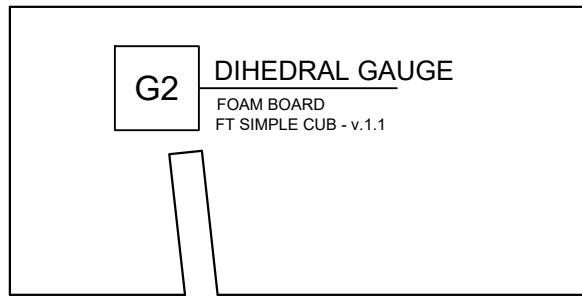
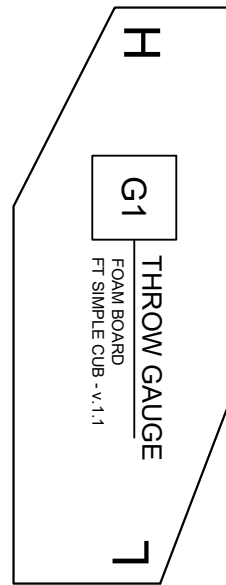
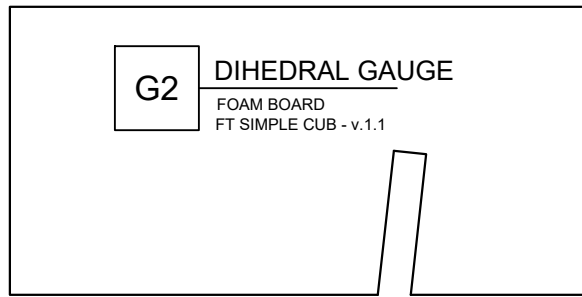
REMOVE AFTER FOLDING

REMOVE AFTER FOLDING

REMOVE AFTER FOLDING

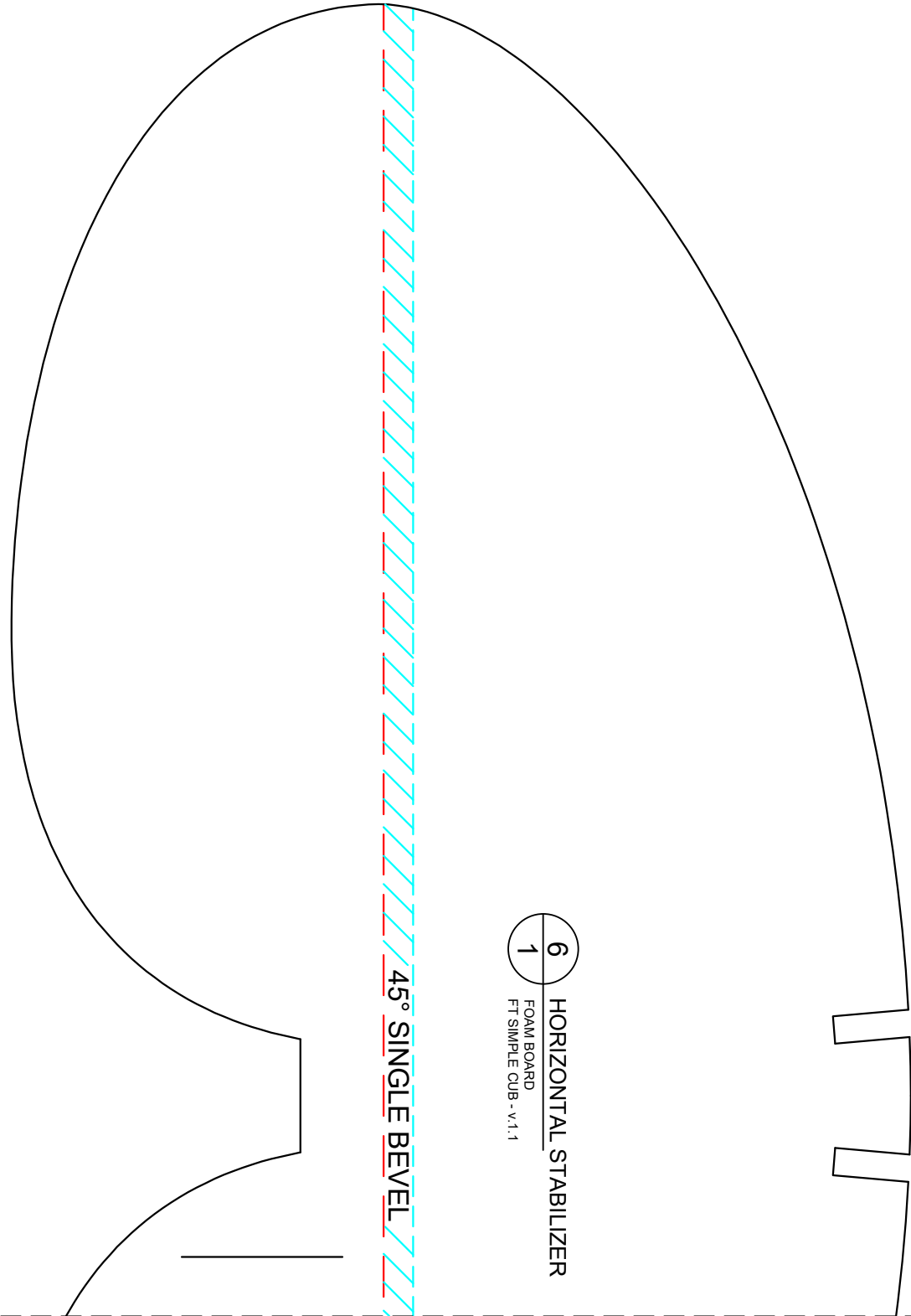






45° DOUBLE BEVEL

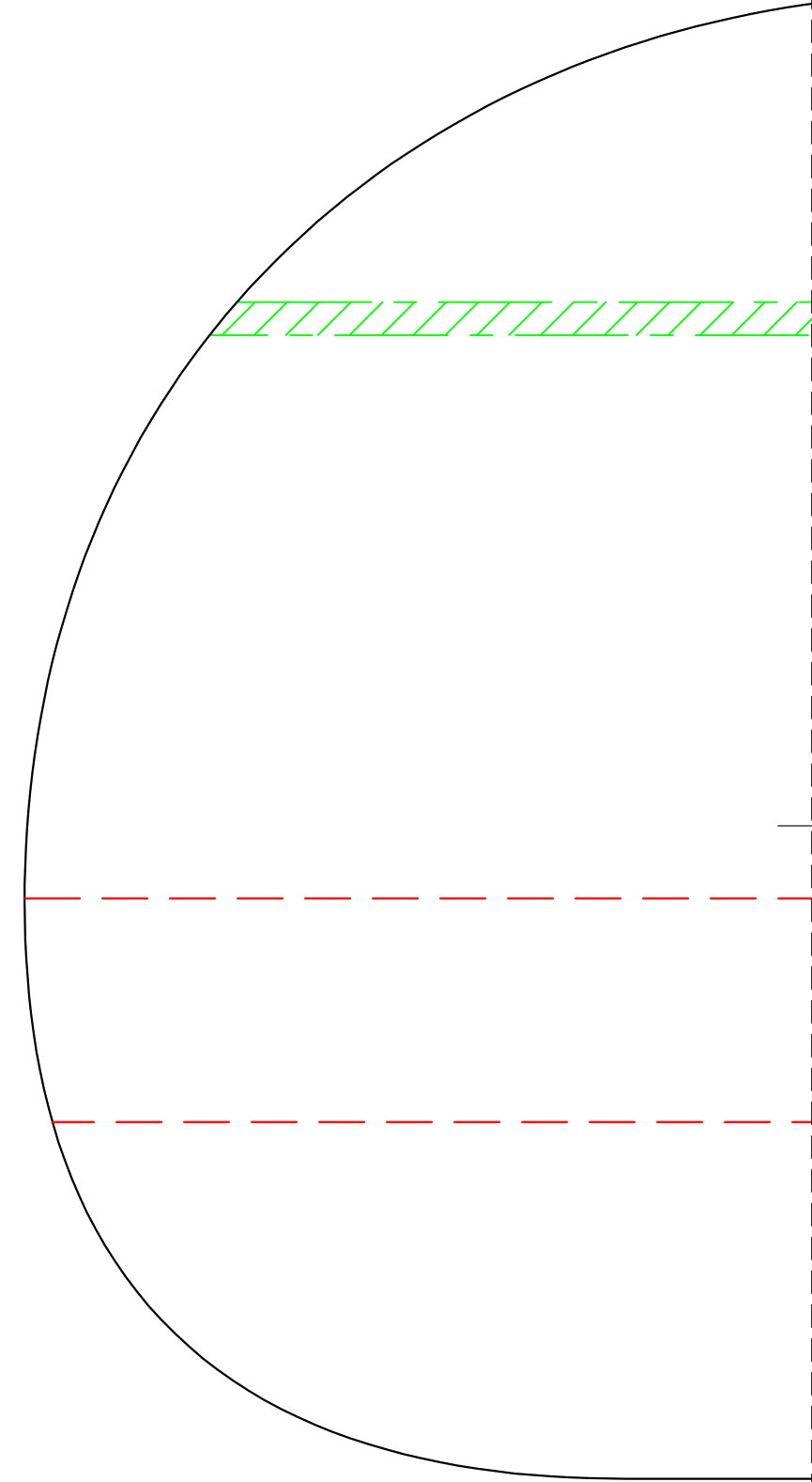
45° SINGLE BEVEL

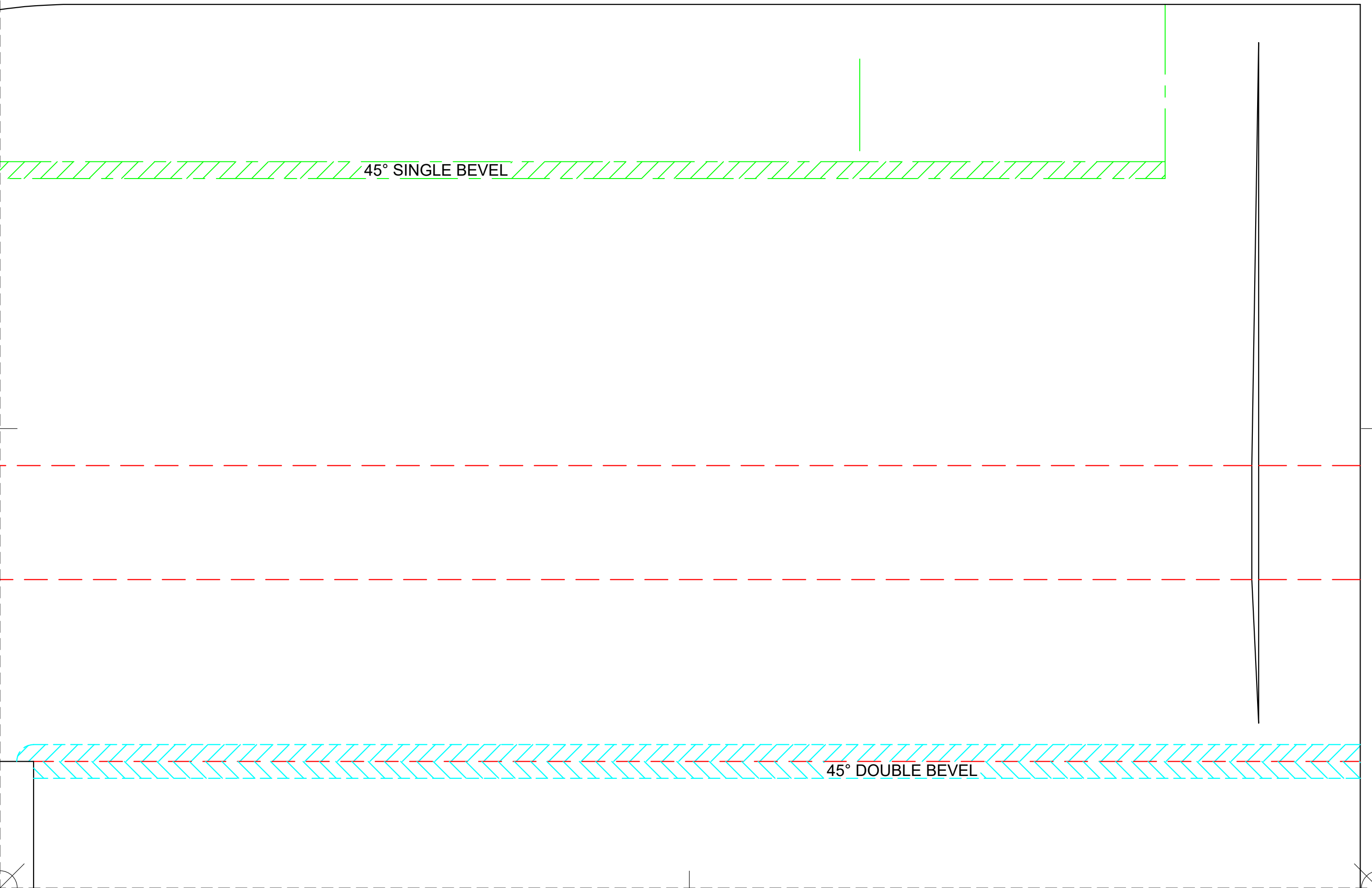


6
1
FOAM BOARD
FT SIMPLE CUB - v.1.1

HORIZONTAL STABILIZER

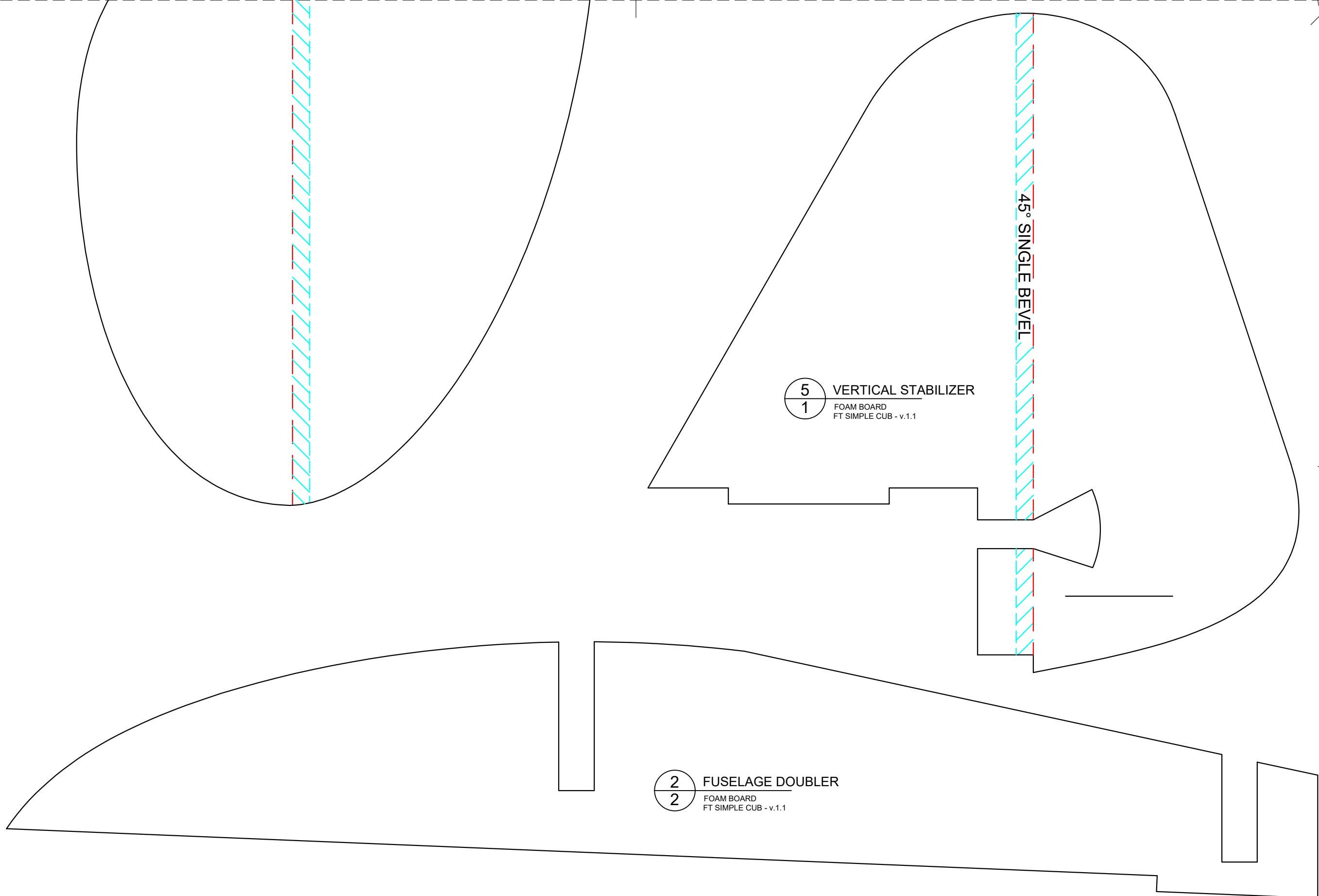
45° SINGLE BEVEL





45° SINGLE BEVEL

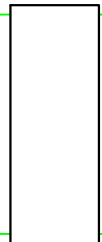
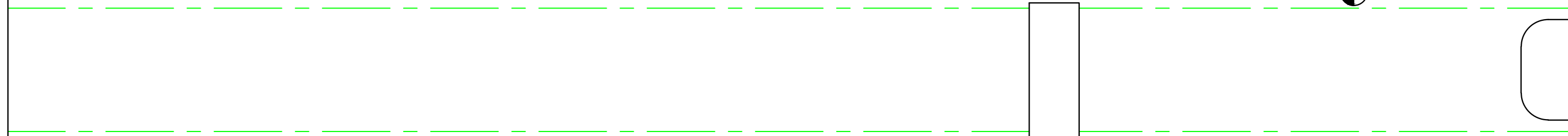
45° DOUBLE BEVEL



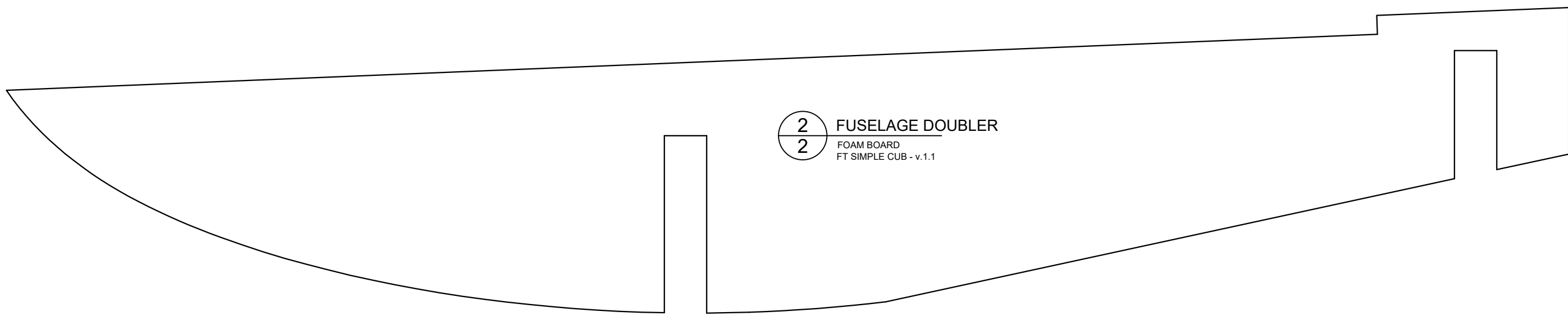
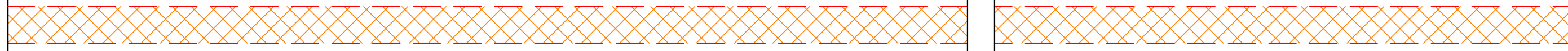
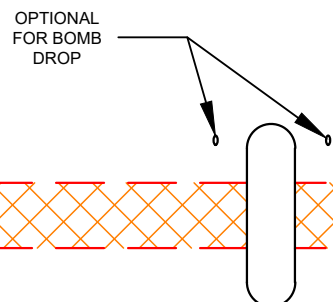
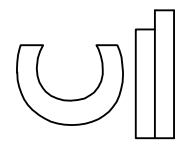
5 VERTICAL STABILIZER
1 FOAM BOARD
FT SIMPLE CUB - v.1.1

2 FUSELAGE DOUBLER
2 FOAM BOARD
FT SIMPLE CUB - v.1.1

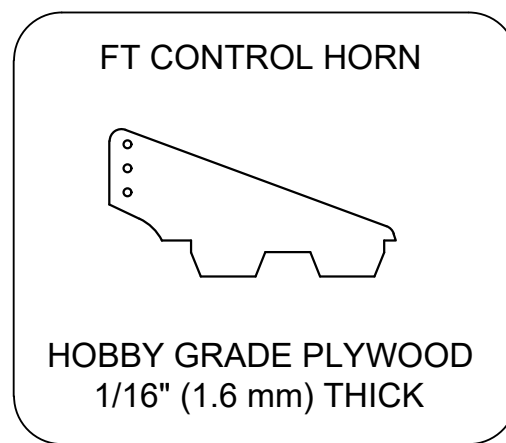
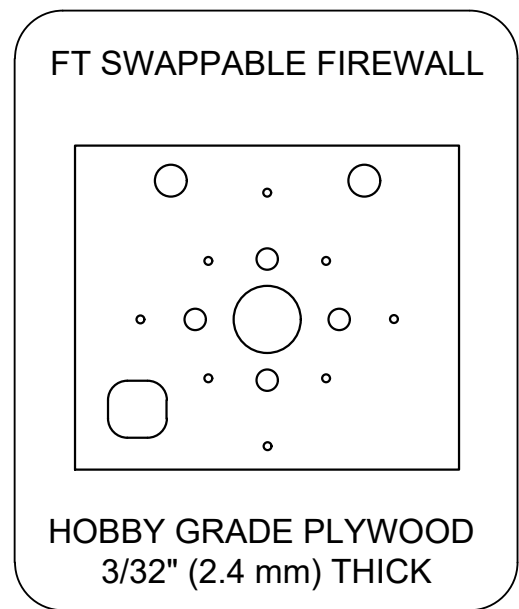
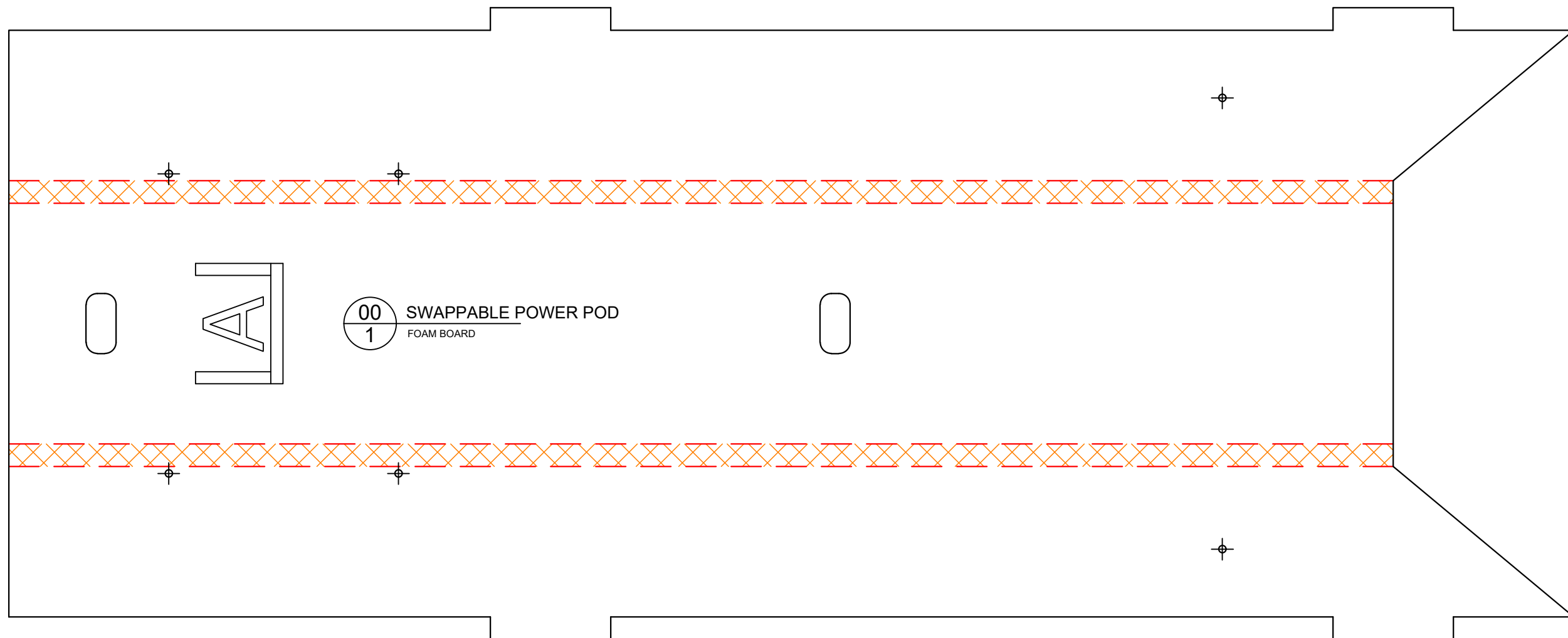
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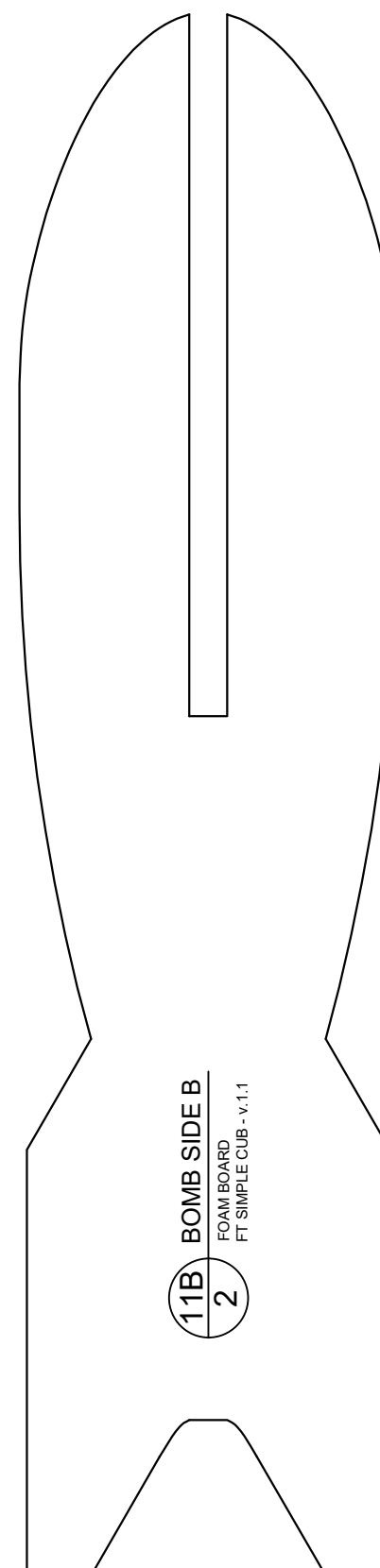
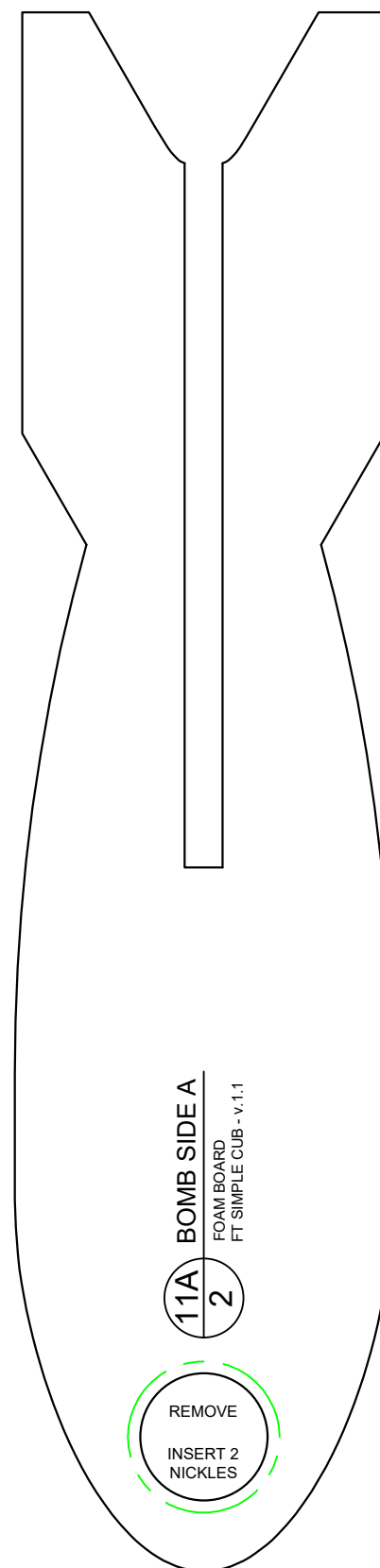
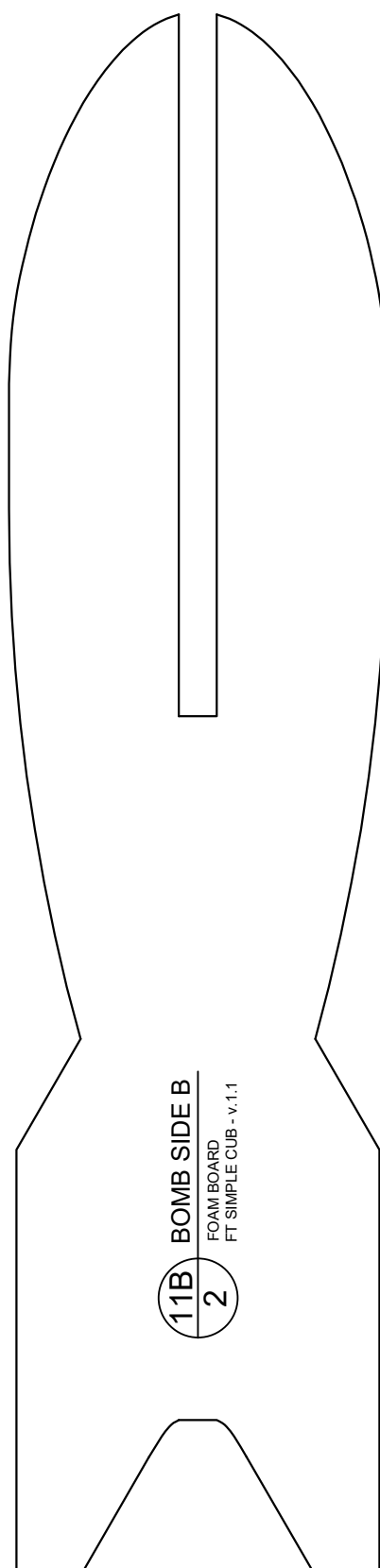
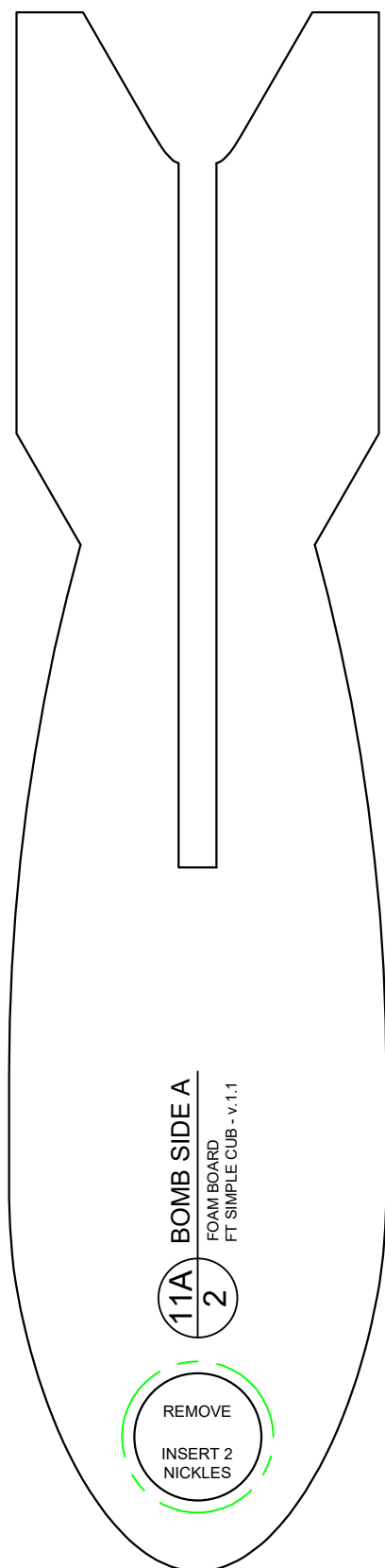


9B WING PANEL - LEFT
1 FOAM BOARD
 FT SIMPLE CUB - v.1.1



2 FUSELAGE DOUBLER
2 FOAM BOARD
 FT SIMPLE CUB - v.1.1





VINYL
WINDOW
GRAPHICS

VINYL
WINDOW
GRAPHICS

VINYL
WINDOW
GRAPHICS

VINYL
WINDOW
GRAPHICS

VINYL
WINDOW
GRAPHICS

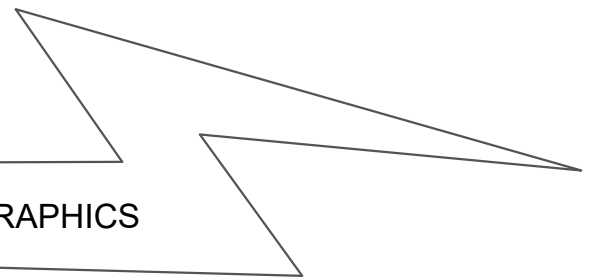
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WINDOW
GRAPHICS

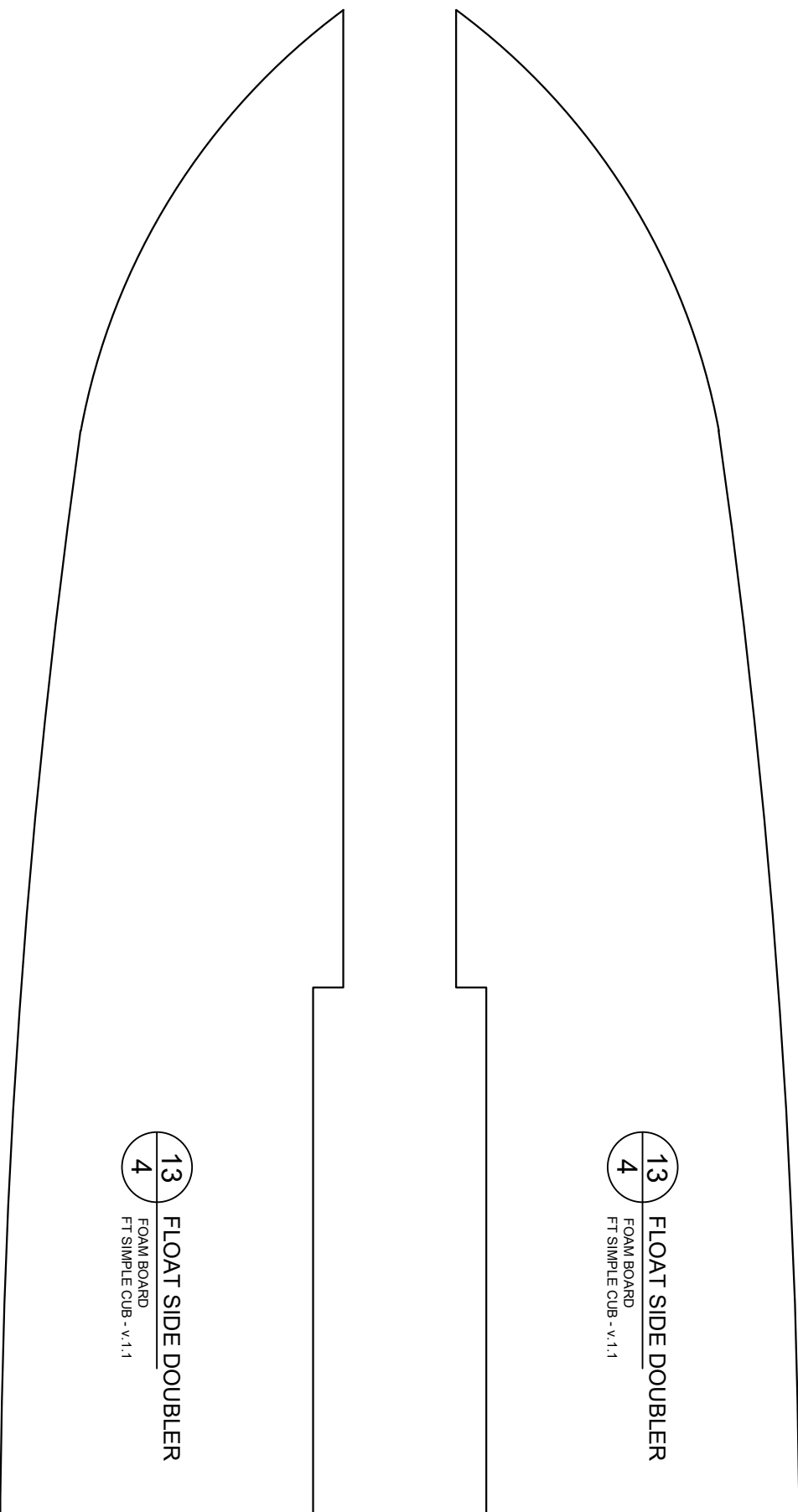
VINYL
WINDOW
GRAPHICS

VINYL LIGHTNING BOLT GRAPHICS



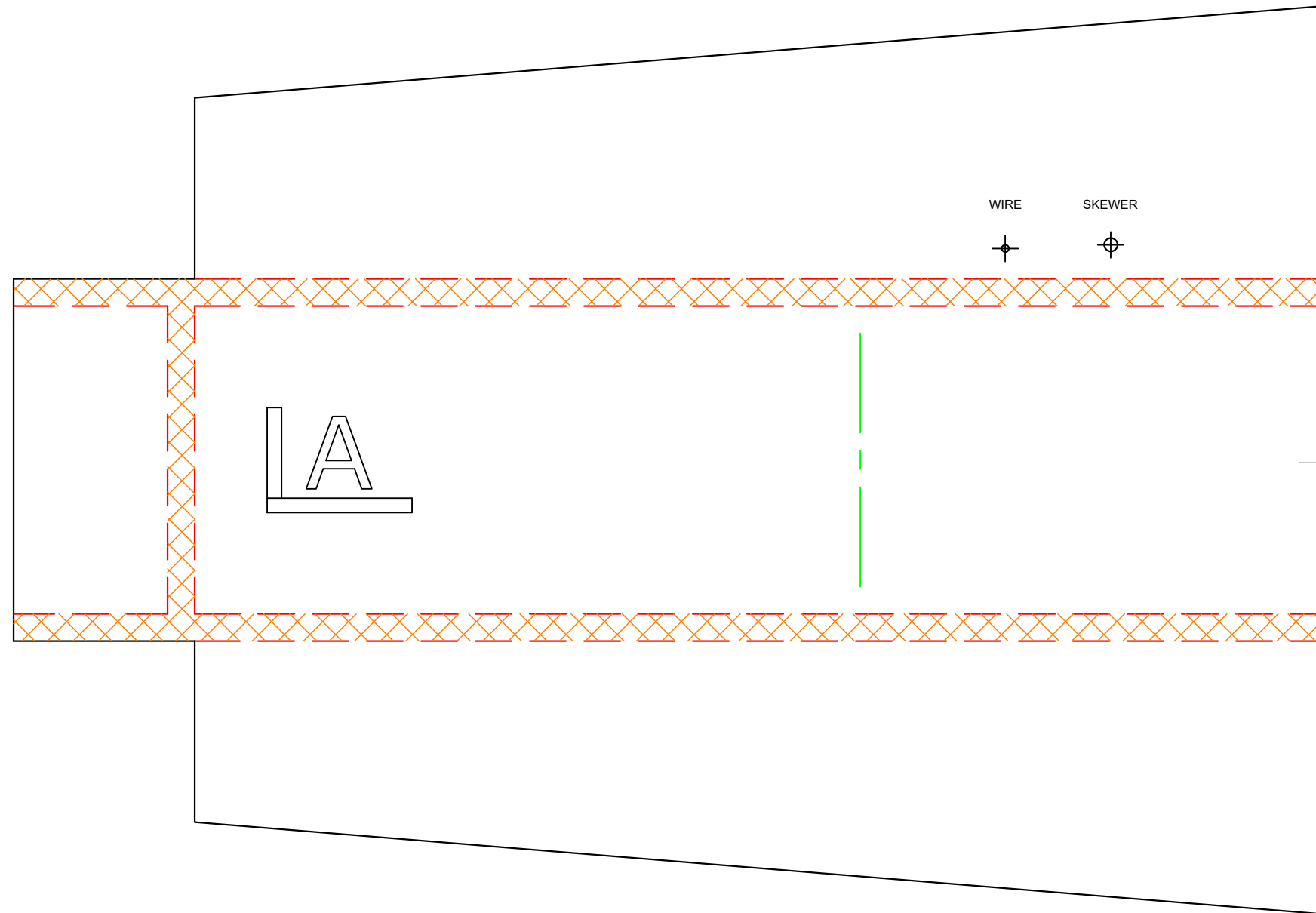
VINYL LIGHTNING BOLT GRAPHICS





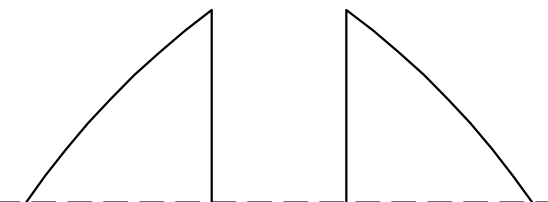
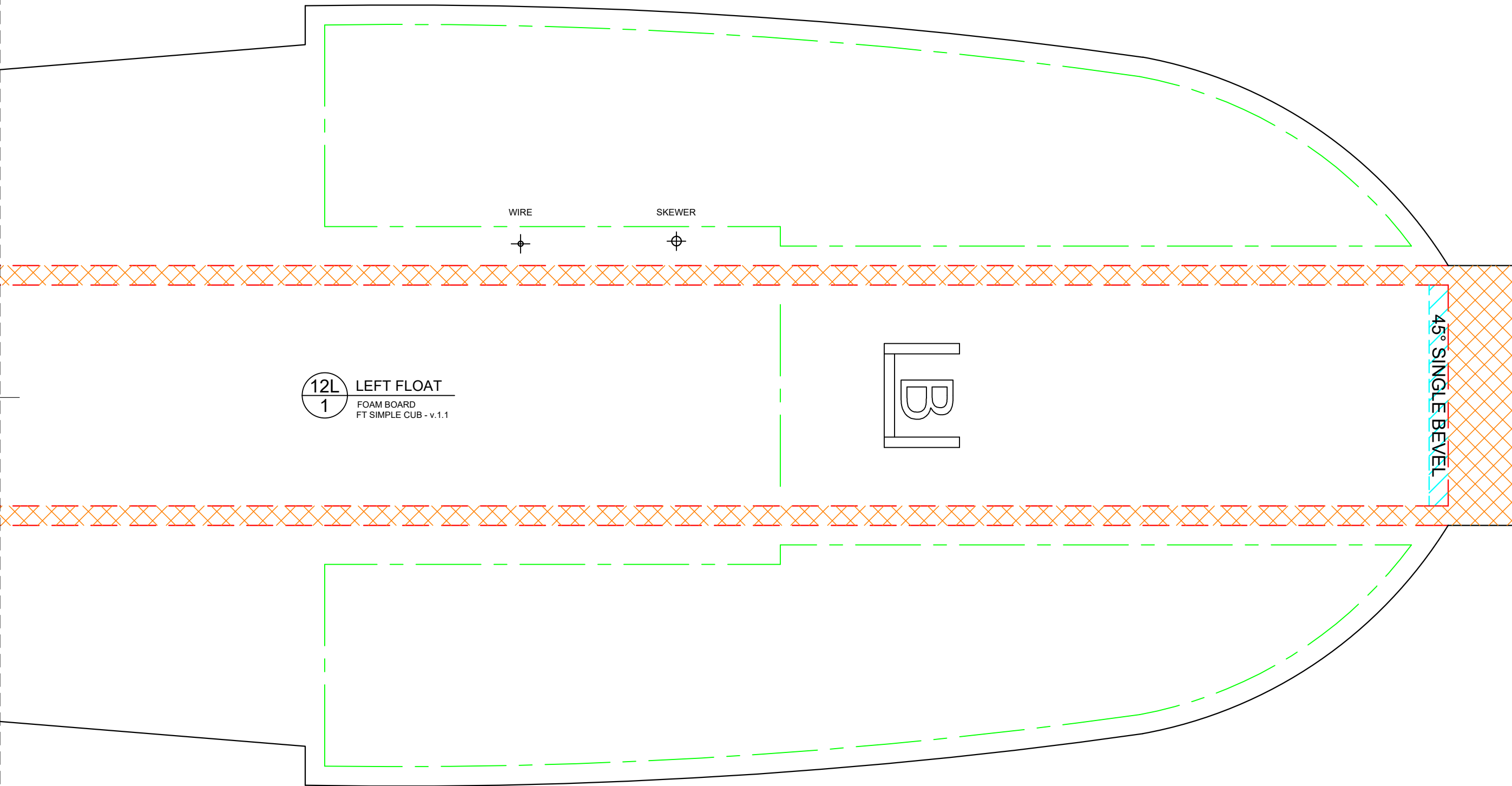
13
4
FOAM BOARD
FT SIMPLE CUB - v.1.1
FLOAT SIDE DOUBLER

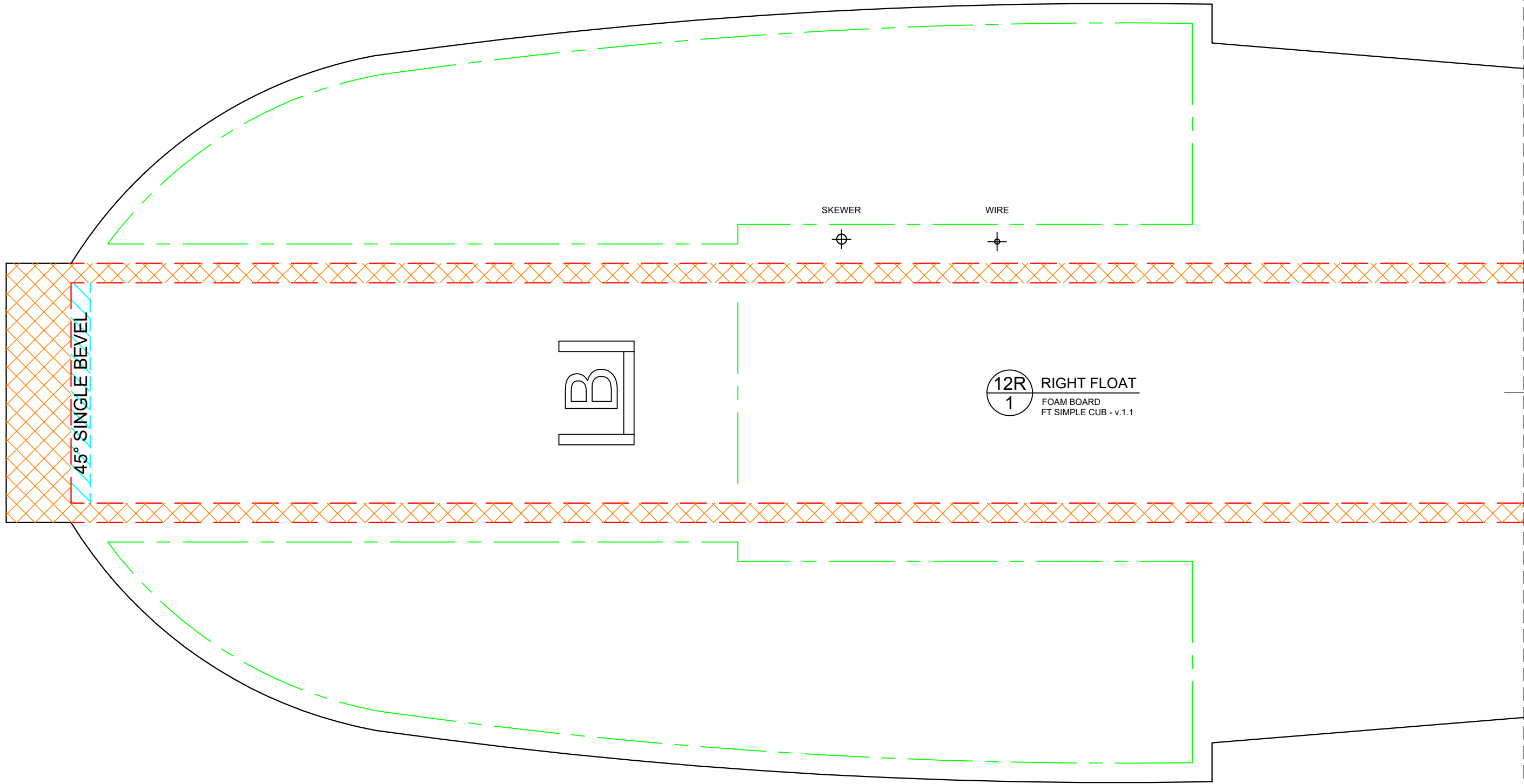
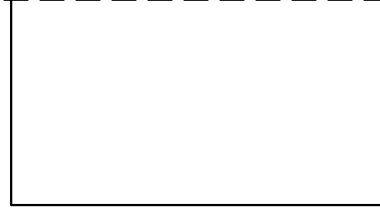
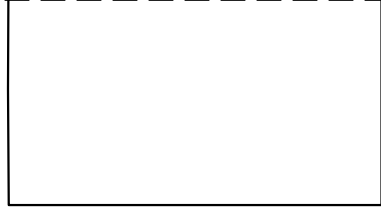
13
4
FOAM BOARD
FT SIMPLE CUB - v.1.1
FLOAT SIDE DOUBLER



WIRE
+

SKEWER
⊕



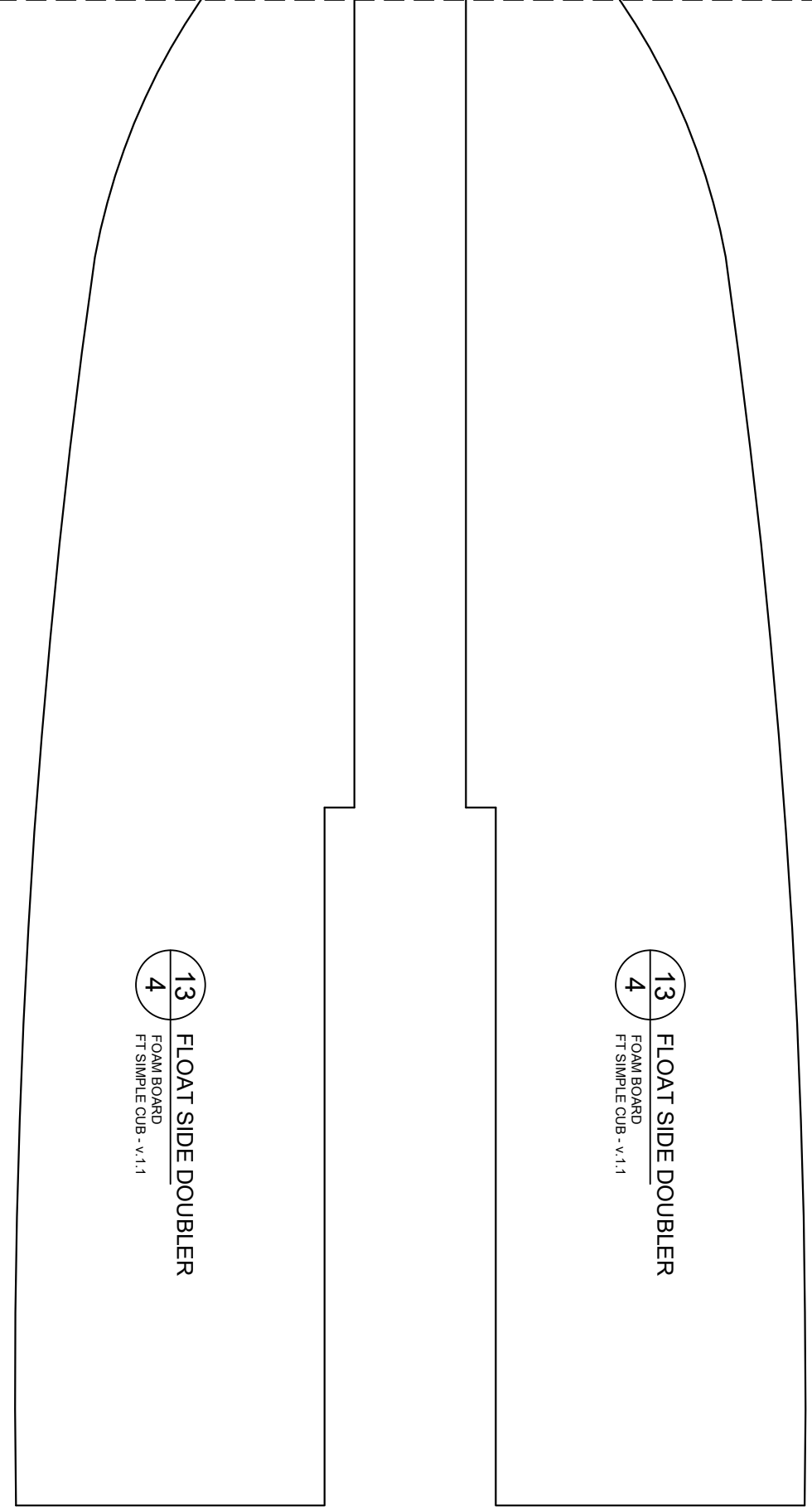
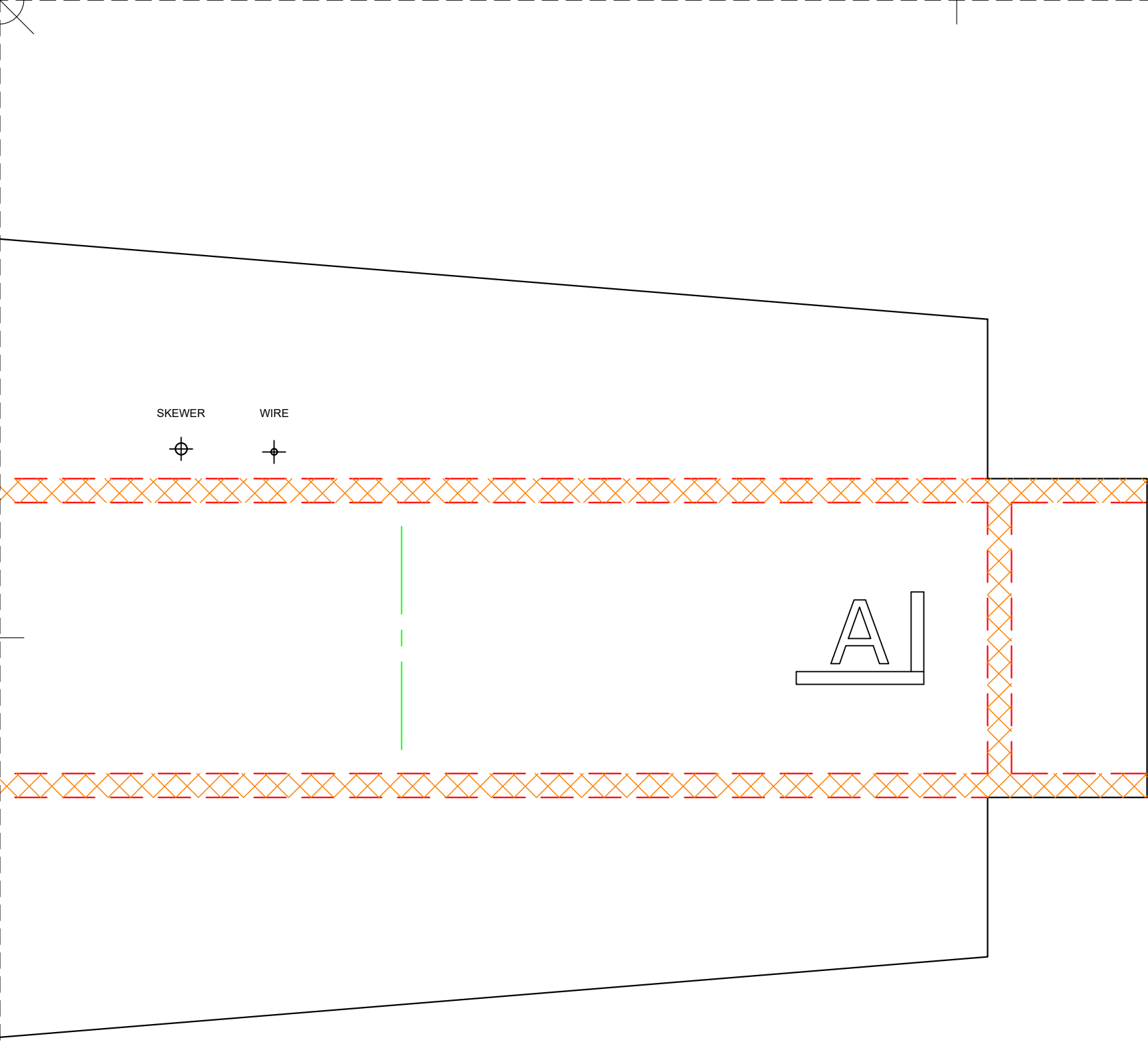


45° SINGLE BEVEL

SKEWER

WIRE

12R RIGHT FLOAT
1 FOAM BOARD
FT SIMPLE CUB - v.1.1



13
4
FOAM BOARD
FT SIMPLE CUB - v.1.1
FLOAT SIDE DOUBLER

13
4
FOAM BOARD
FT SIMPLE CUB - v.1.1
FLOAT SIDE DOUBLER

