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# FT Simple Scout

Designed By: Josh Bixler  
Drawing By: Dan Sponholz  
Version: 1.0  
Date: 2017.10.27



## SPECIFICATIONS

DESCRIPTION		IMPERIAL	METRIC
LENGTH		29.00 in	736.6 mm
CENTER OF GRAVITY	CG	2.44 in	62.0 mm
WING SPAN		37.50 in	952.5 mm
WING AREA		323.85 in <sup>2</sup>	20.9 dm <sup>2</sup>
DRY WEIGHT		15.00 oz	425.2 g
ALL UP WEIGHT	AUW	18.90 oz	535.8 g
WING LOADING	WL	8.4 oz/ft <sup>2</sup>	25.6 g/dm <sup>2</sup>
WING CUBIC LOADING	WCL	5.6	

## RECOMMENDED SETTINGS

	THROW	EXPO
AILERON (OPTIONAL)	12°	30%
ELEVATOR	12°	30%
RUDDER	12°	30%



Build Skill Level :



Pilot Skill Level :



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Template Version 4.0.2



# FT Simple Scout: Sheet & Tile Key

A1 B1 A2	A3 B2 A4	A9 B5 A10	A11 B6 A12	A17 B9 A18	A19 B10 A20
A5 B3 A6	A7 B4 A8	A13 B7 A14	A15 B8 A16	A21 B11 A22	A23 B12 A24

A25 B13 A26	A27 B14 A28	A33 B17 A34	A35 B18 A36	A41 B21 A42	A43 B22 A44
A29 B15 A30	A31 B16 A32	A37 B19 A38	A39 B20 A40	A45 B23 A46	A47 B24 A48

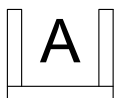
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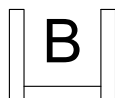
# Drawing Key



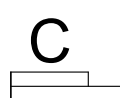
## FOLD TYPES



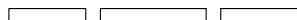
A



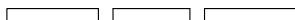
B



C



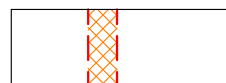
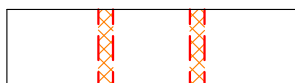
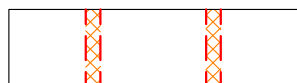
A - FOLD (ABOVE)



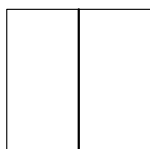
B - FOLD (BESIDE)



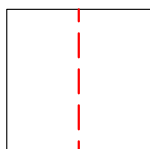
C - FOLD (COVER)



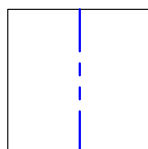
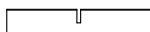
## LINE TYPE/COLOR



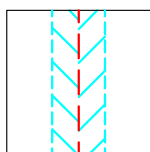
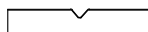
CUT



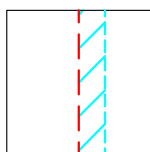
50% SCORE



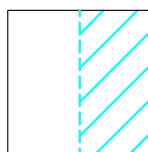
CREASE



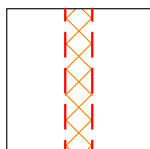
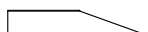
45° DOUBLE  
BEVEL



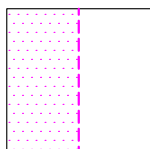
45° SINGLE  
BEVEL



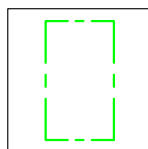
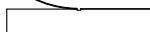
EDGE  
BEVEL



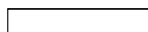
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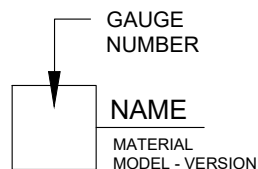
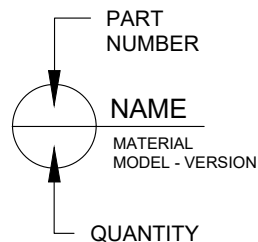
REMOVE  
PAPER



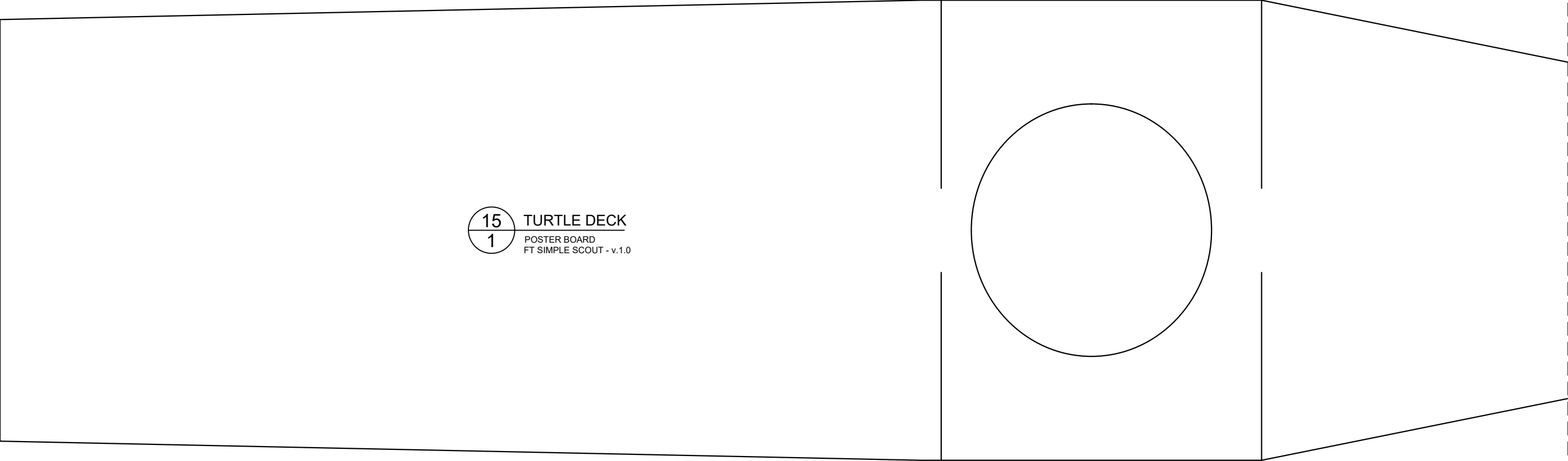
REFERENCE/  
OPTIONAL



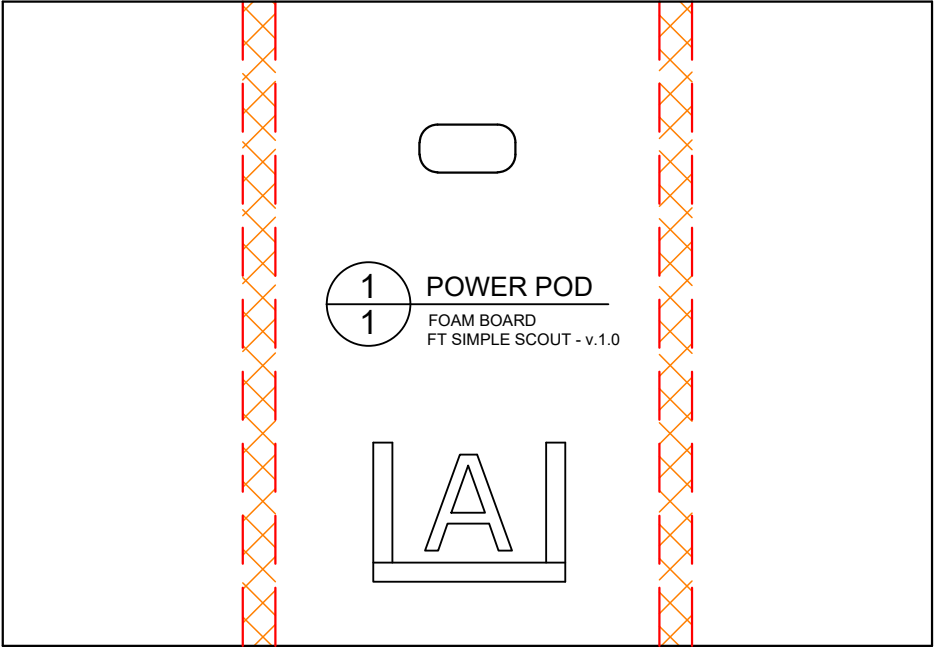
## SYMBOLS



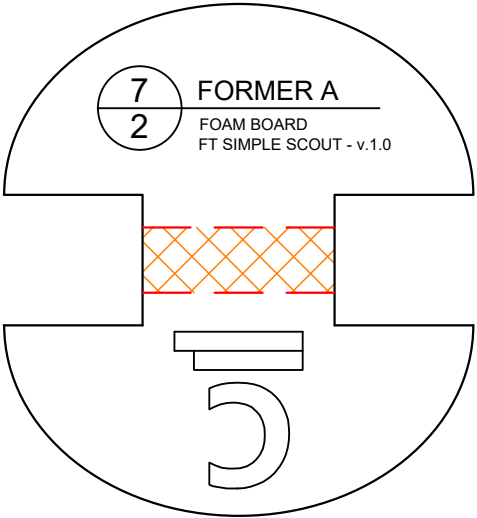
CENTER  
OF  
GRAVITY  
(CG)



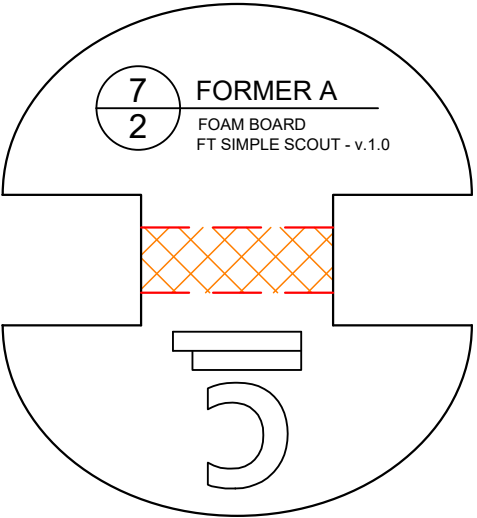
15  
1  
TURTLE DECK  
POSTER BOARD  
FT SIMPLE SCOUT - v.1.0



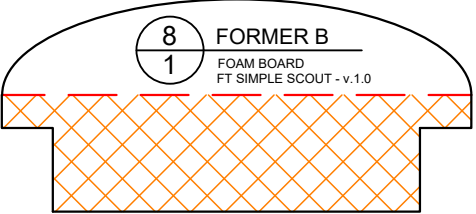
1  
1  
POWER POD  
FOAM BOARD  
FT SIMPLE SCOUT - v.1.0



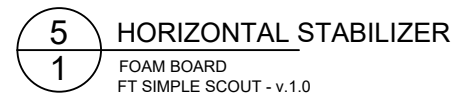
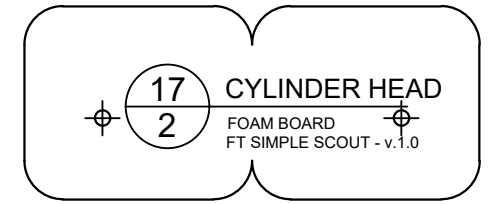
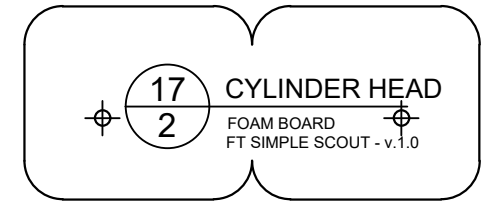
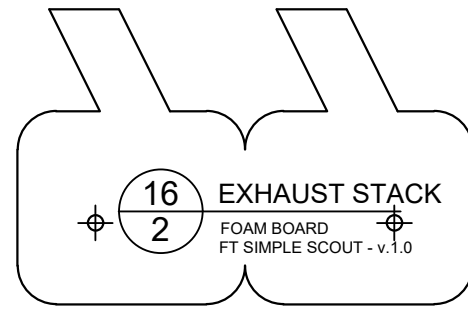
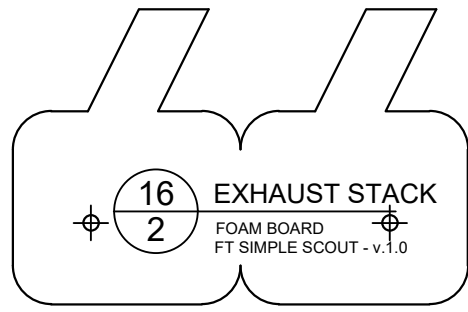
7  
2  
FORMER A  
FOAM BOARD  
FT SIMPLE SCOUT - v.1.0



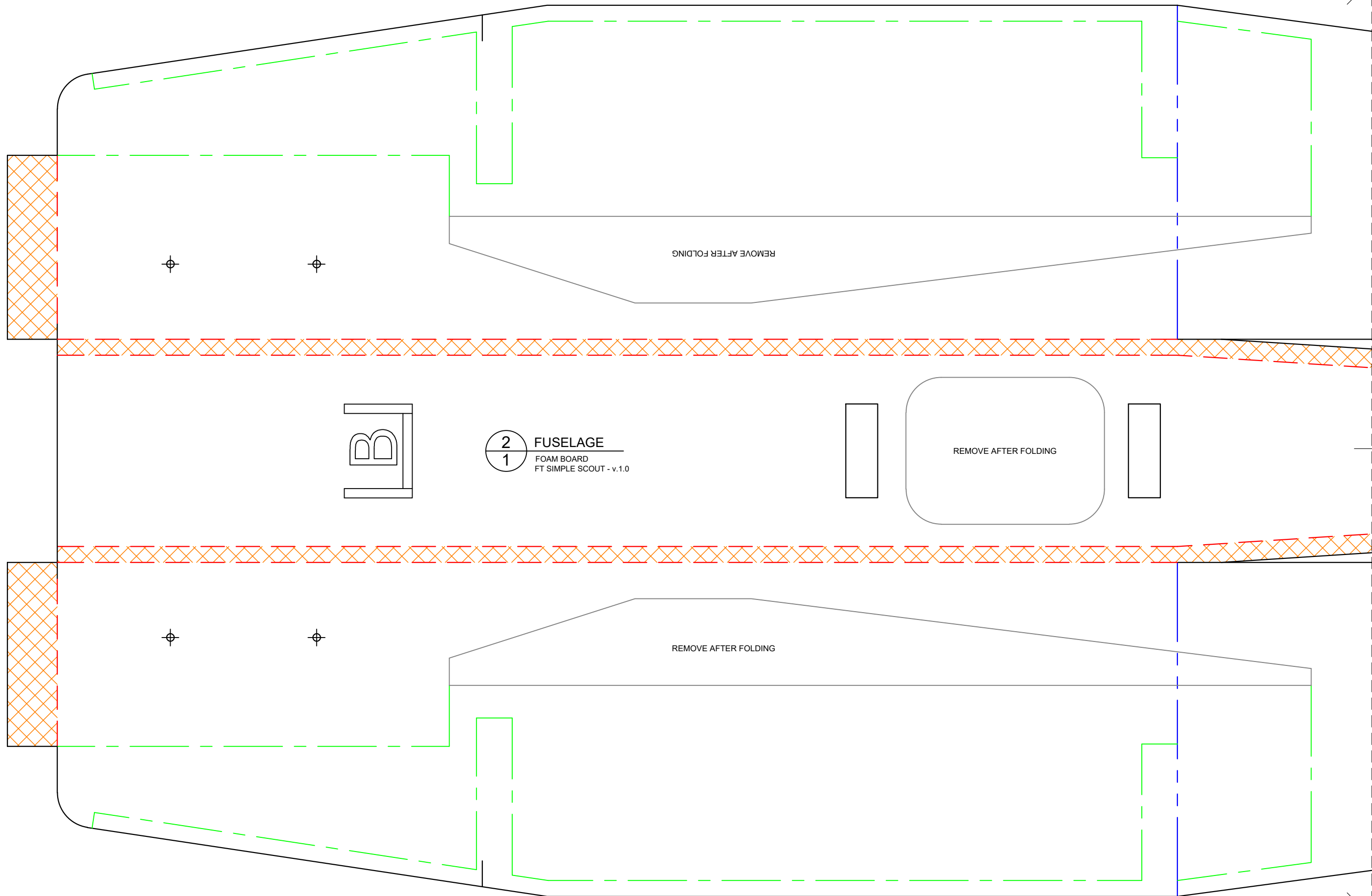
7  
2  
FORMER A  
FOAM BOARD  
FT SIMPLE SCOUT - v.1.0

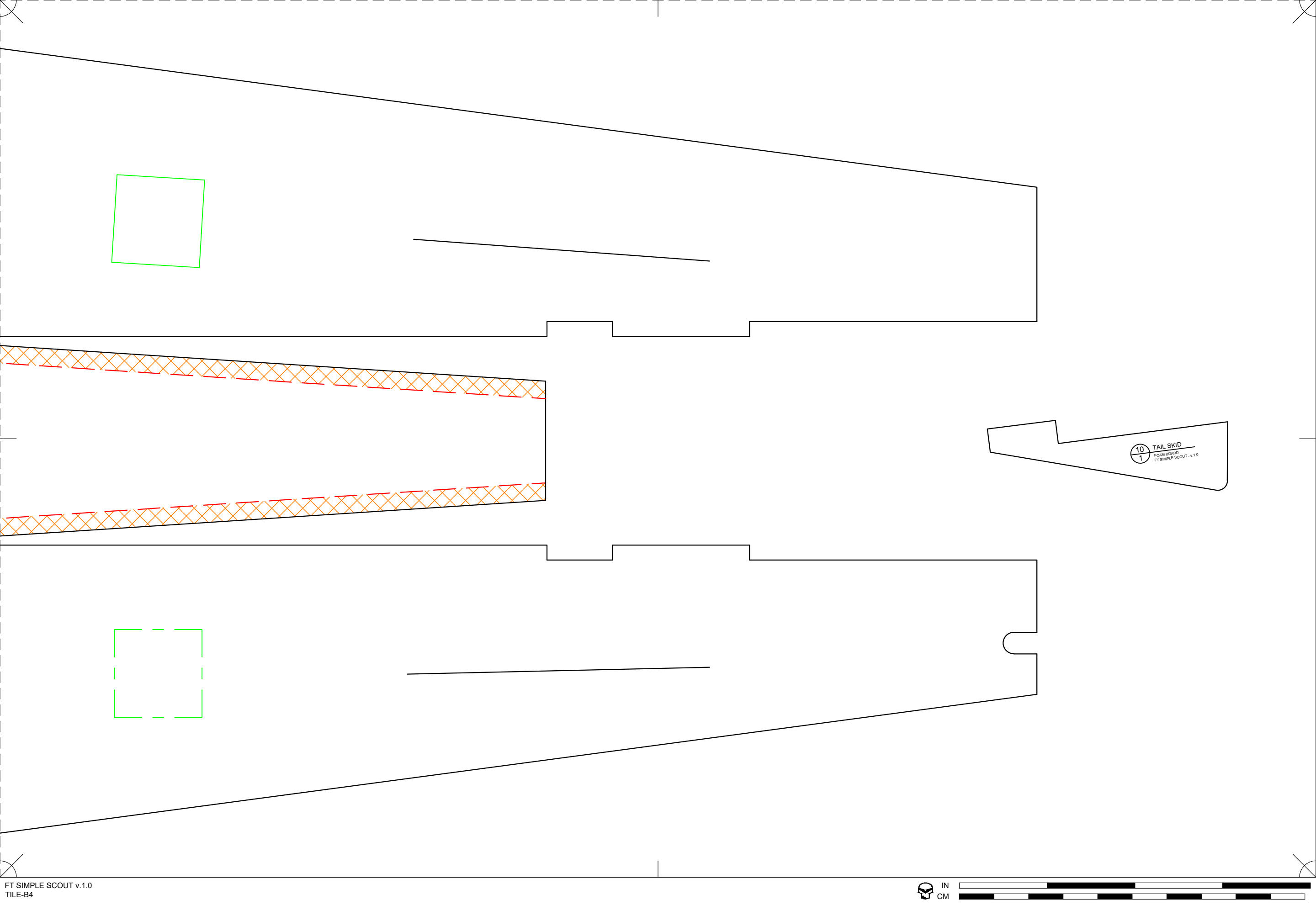


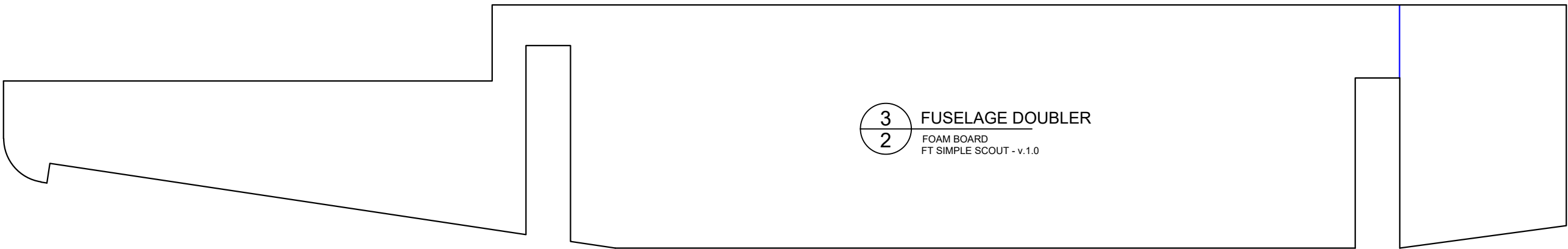
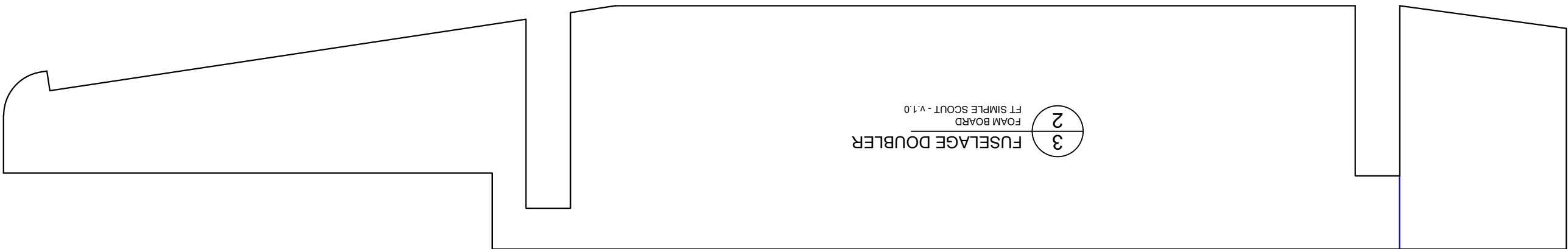
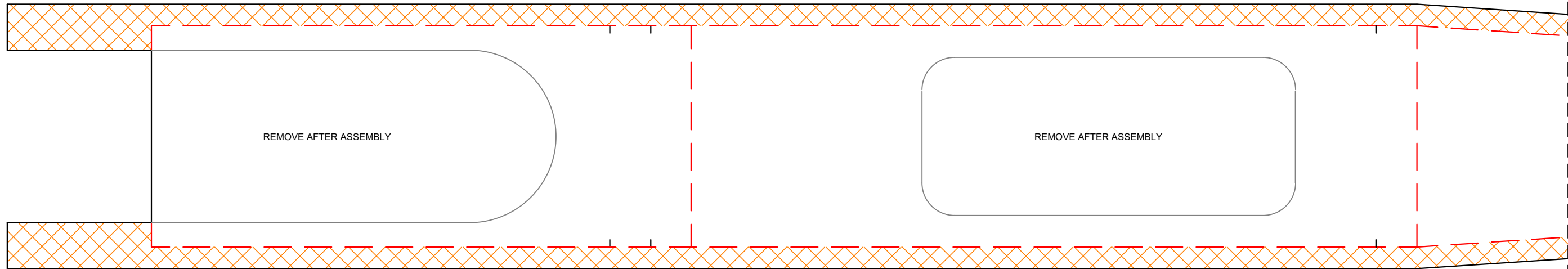
8  
1  
FORMER B  
FOAM BOARD  
FT SIMPLE SCOUT - v.1.0



45° SINGLE BEVEL











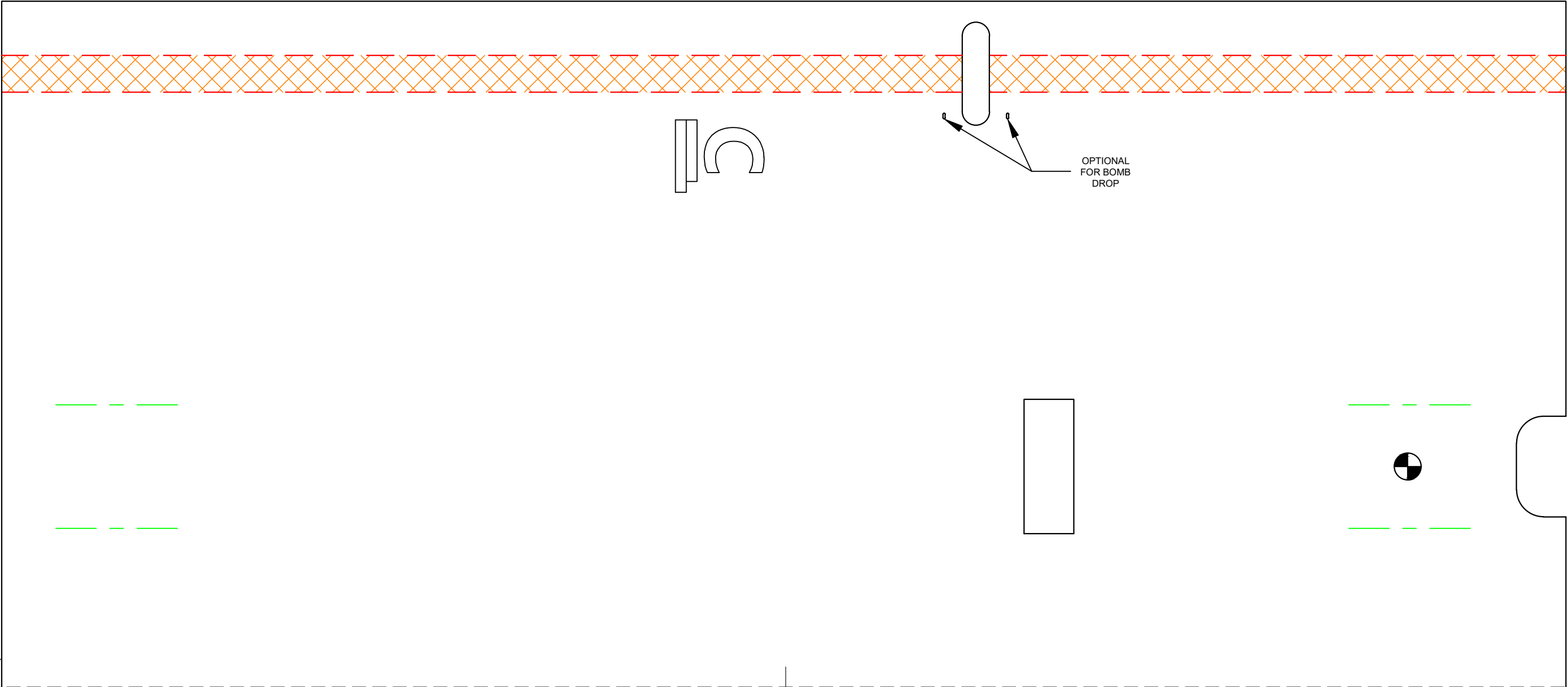
IN  
CM

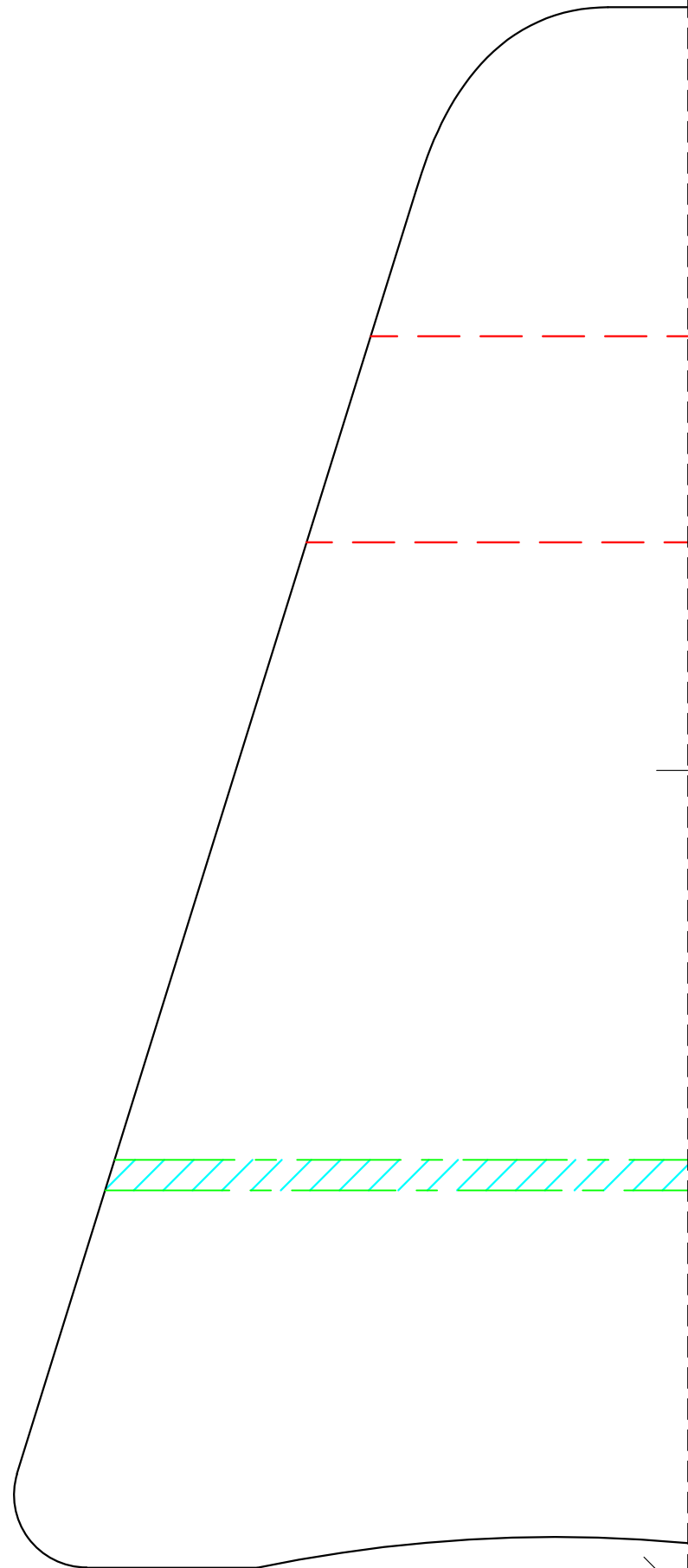
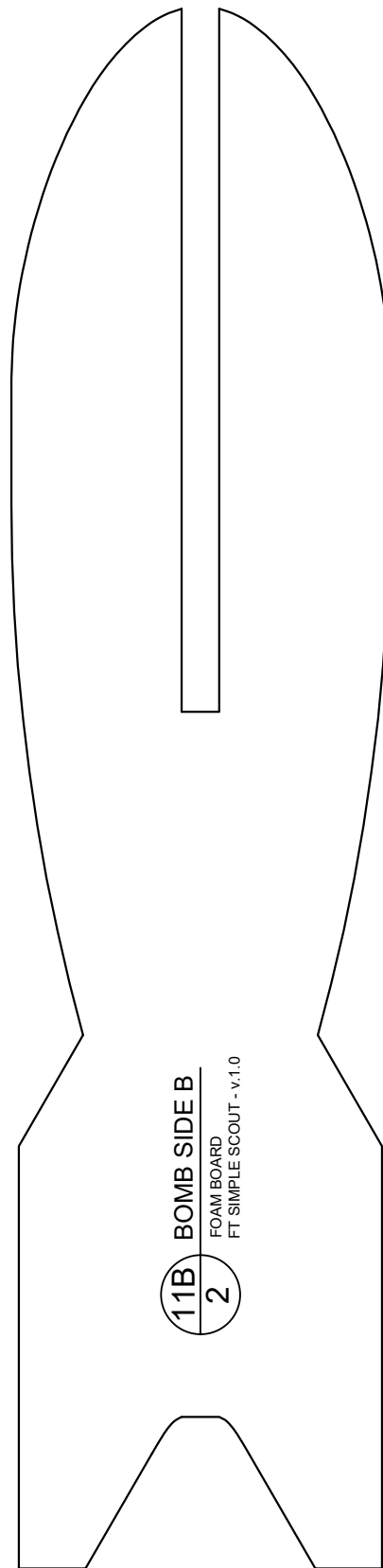
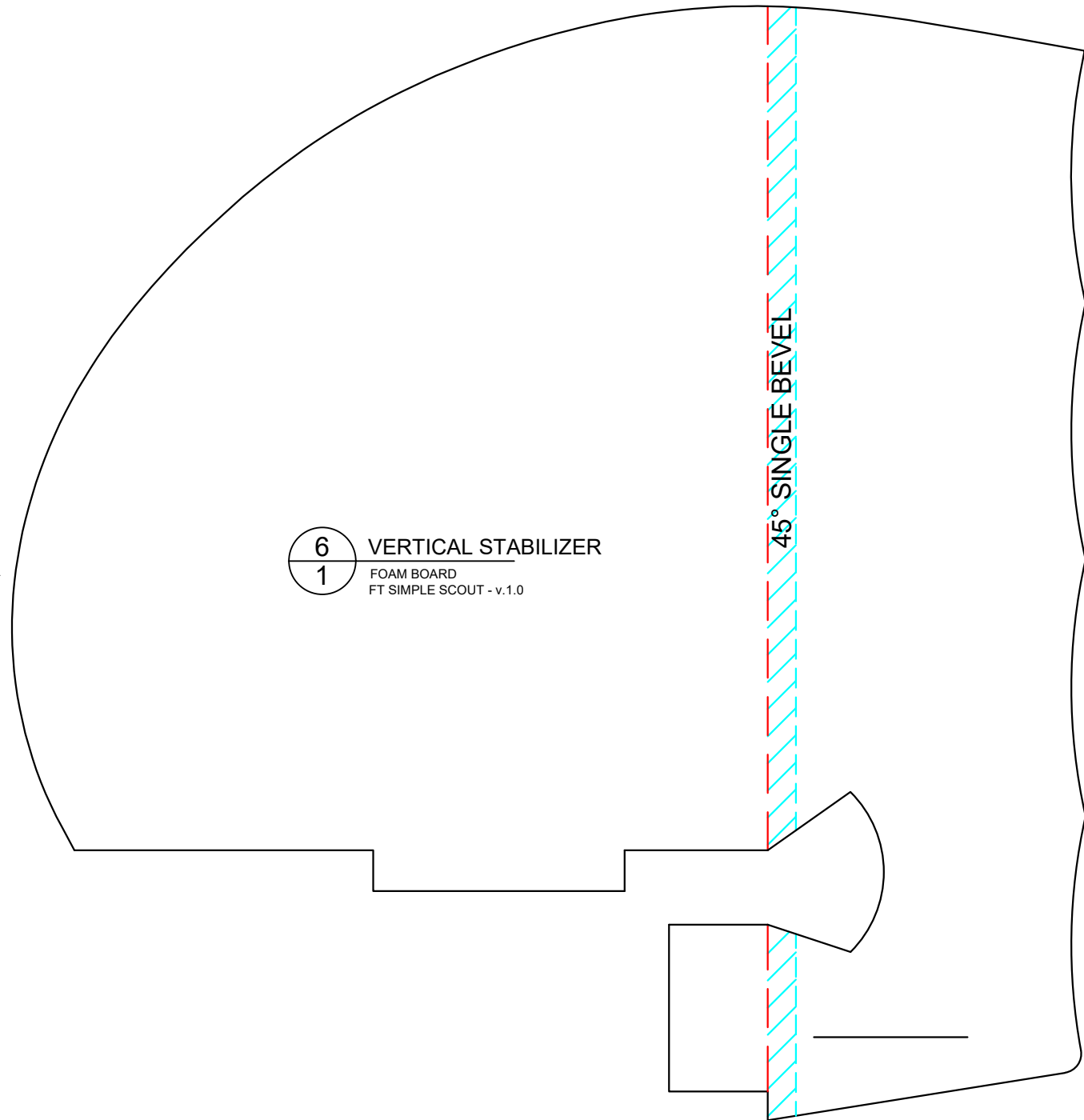


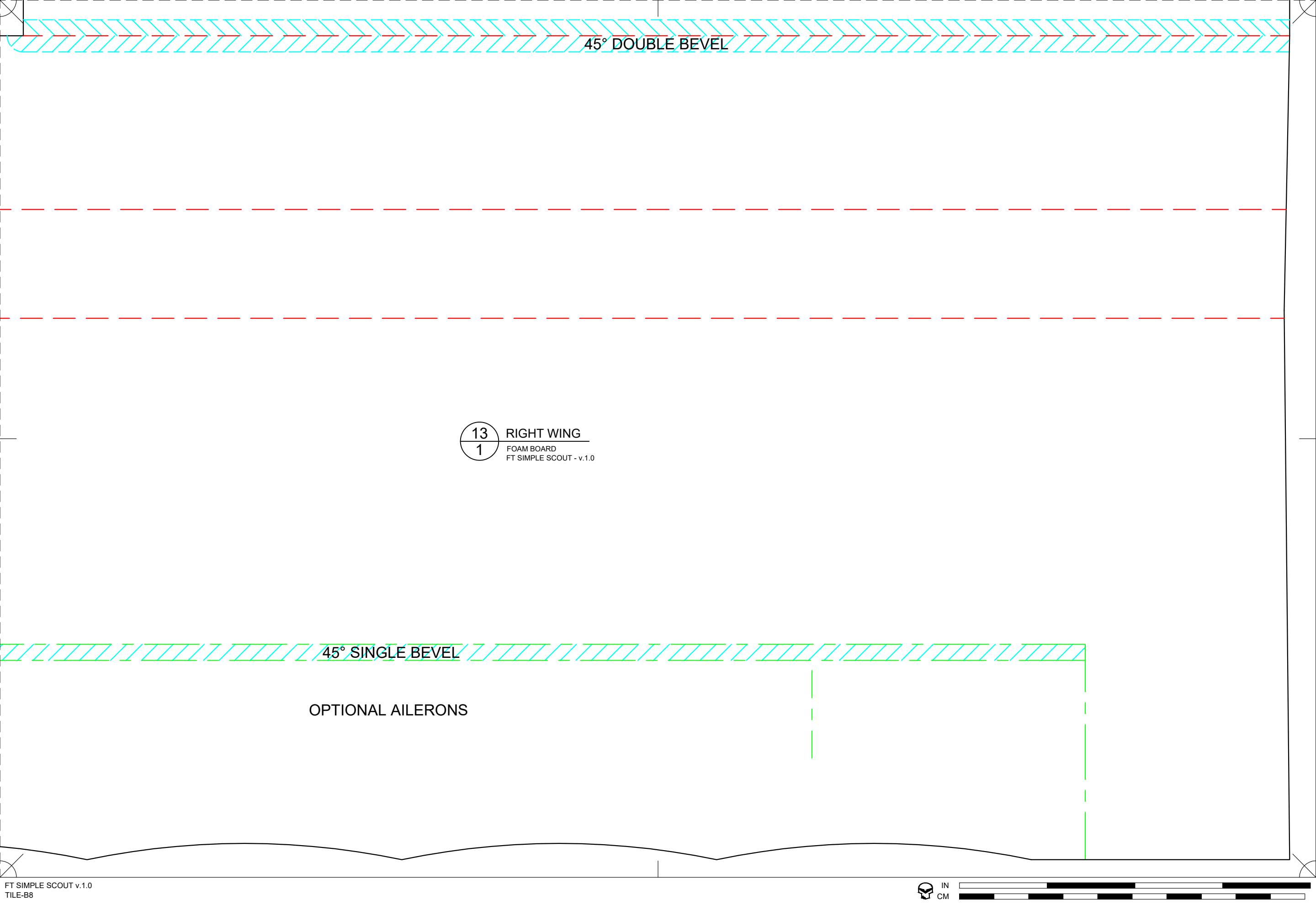
4  
1

FUSELAGE BOTTOM

FOAM BOARD  
FT SIMPLE SCOUT - v.1.0





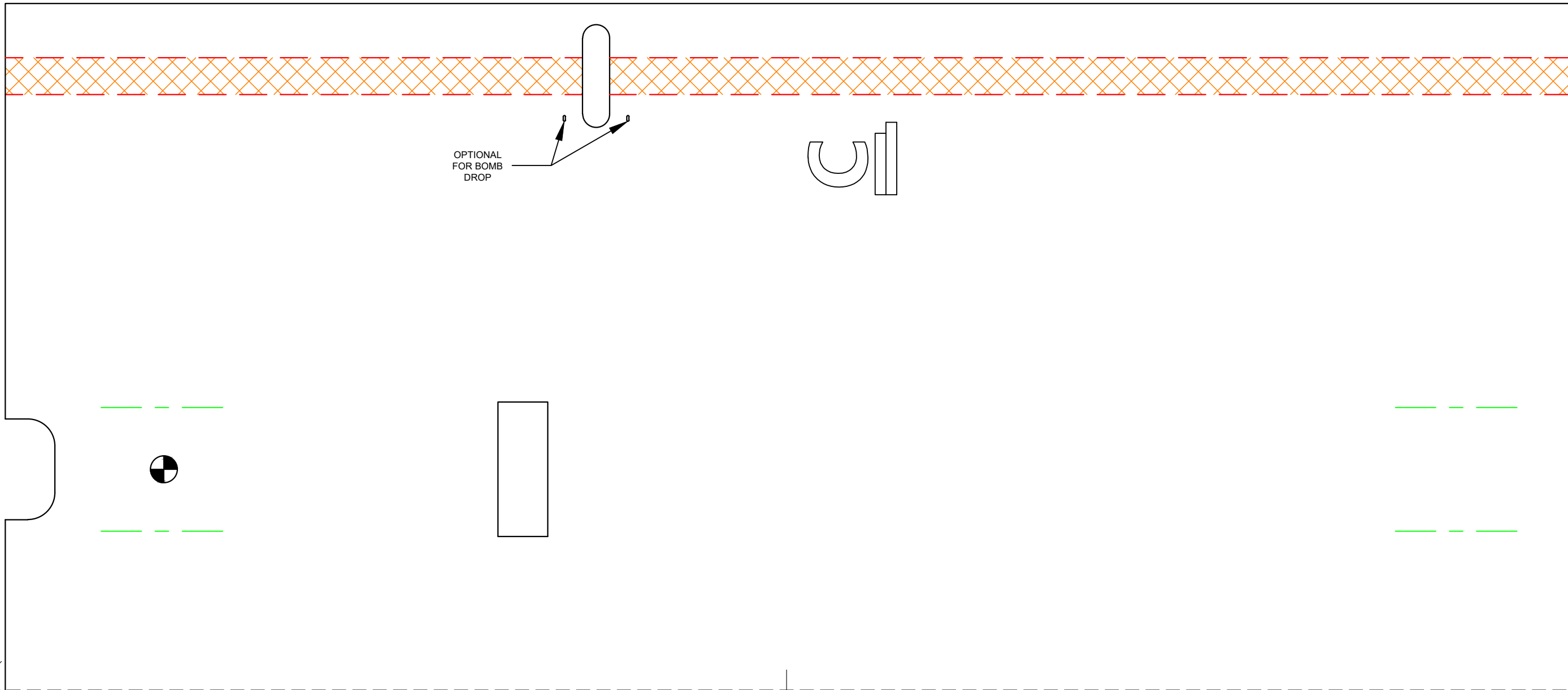
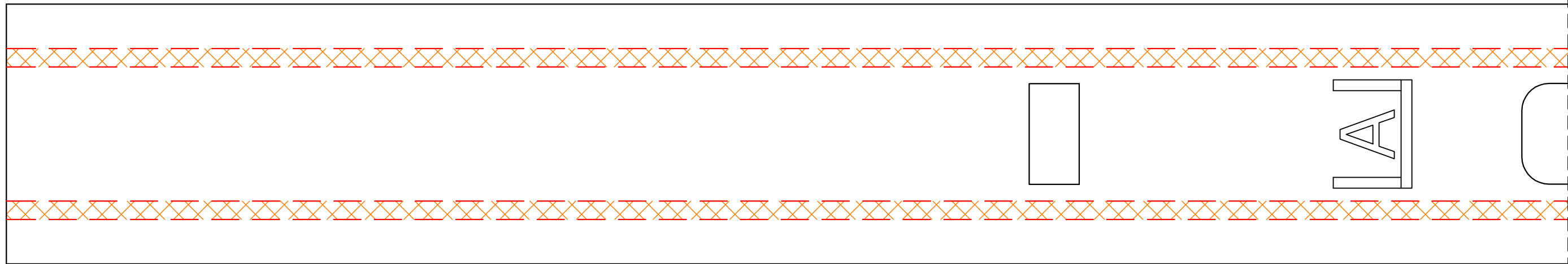


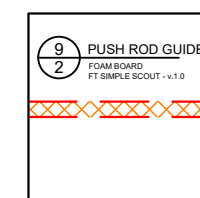
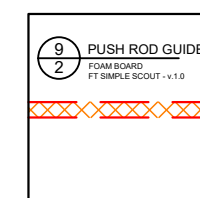
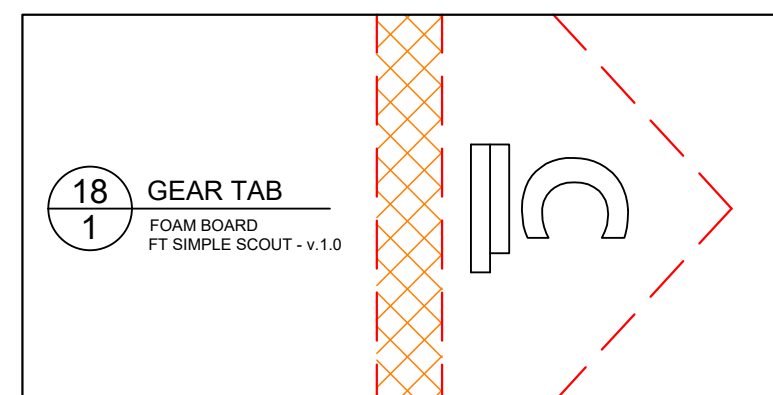
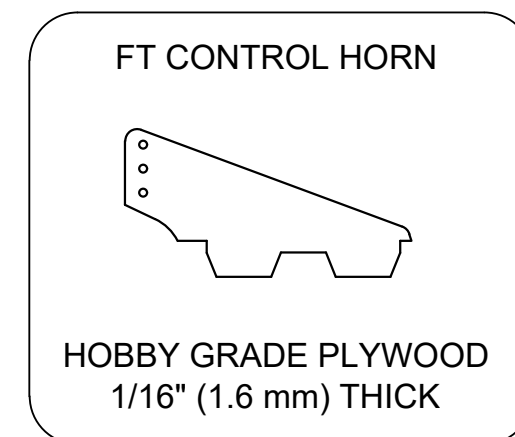
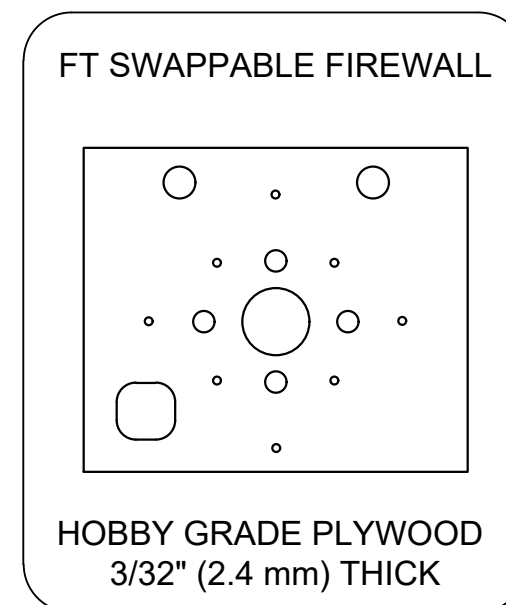
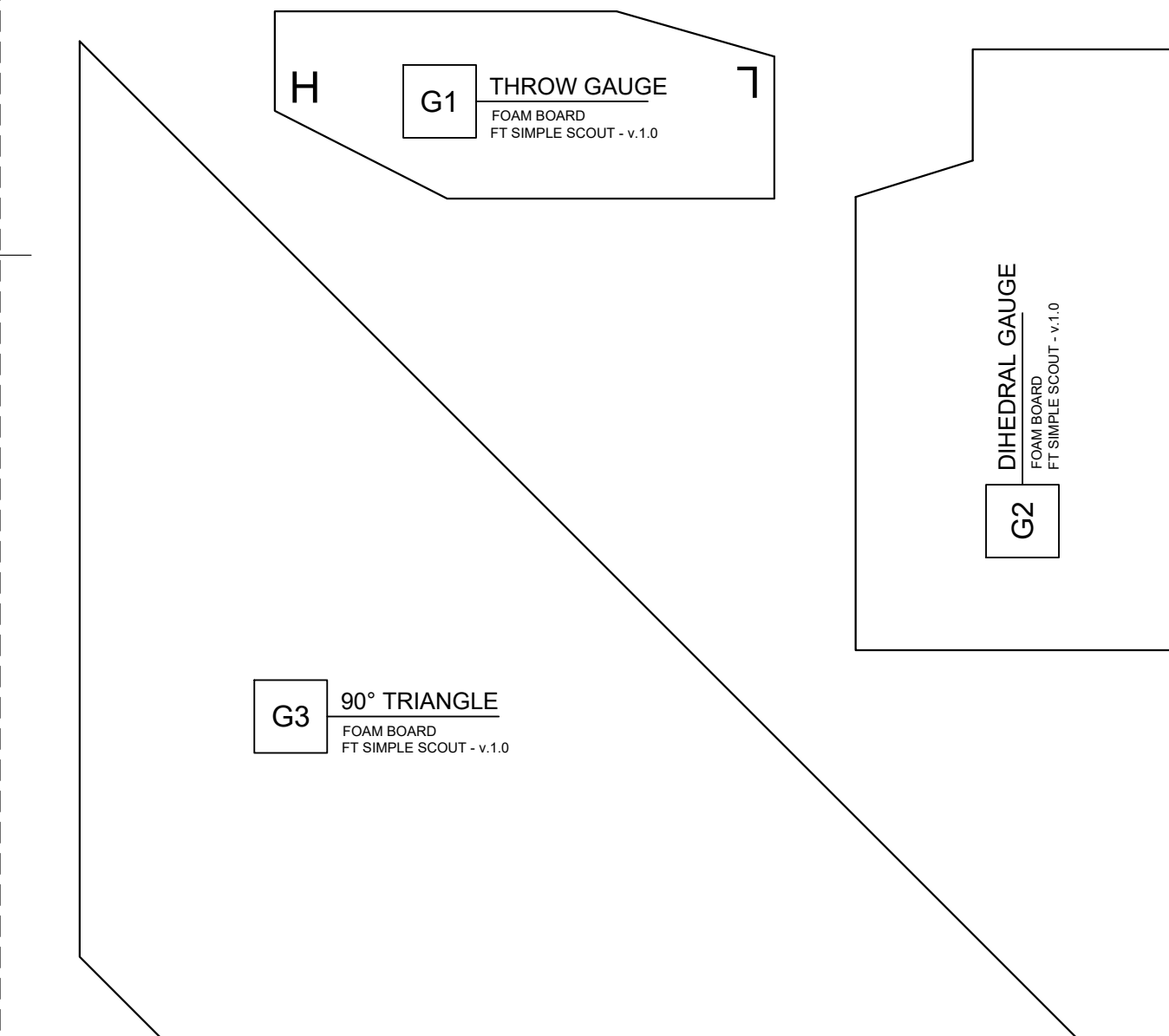
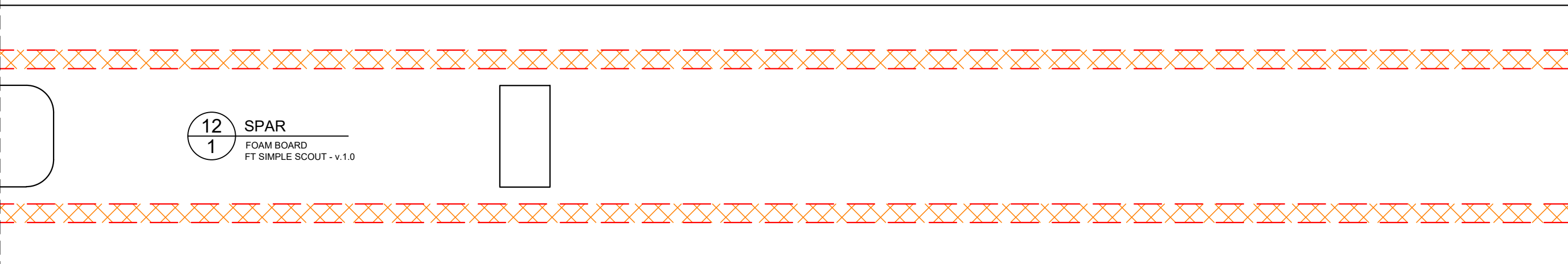
45° DOUBLE BEVEL

13  
1 RIGHT WING  
FOAM BOARD  
FT SIMPLE SCOUT - v.1.0

45° SINGLE BEVEL

OPTIONAL AILERONS





45° DOUBLE BEVEL

14 LEFT WING  
1 FOAM BOARD  
FT SIMPLE SCOUT - v.1.0

45° SINGLE BEVEL

OPTIONAL AILERONS

