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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
A5 B3 A6	A7 B4 A8

A9 B5 A10	A11 B6 A12
A13 B7 A14	A15 B8 A16

A17 B9 A18	A19 B10 A20
A21 B11 A22	A23 B12 A24

A25 B13 A26	A27 B14 A28
A29 B15 A30	A31 B16 A32

A33 B17 A34	A35 B18 A36
A37 B19 A38	A39 B20 A40

A41 B21 A42	A43 B22 A44
A45 B23 A46	A47 B24 A48

A49 B25 A50	A51 B26 A52
A53 B27 A54	A55 B28 A56

A57 B29 A58	A59 B30 A60
A61 B31 A62	A63 B32 A64

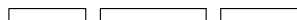
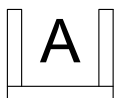
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A69 B35 A70	A71 B36 A72



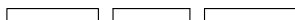
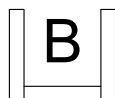
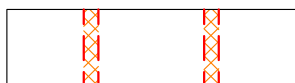
# Drawing Key



## FOLD TYPES



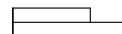
A - FOLD (ABOVE)



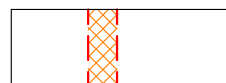
B - FOLD (BESIDE)



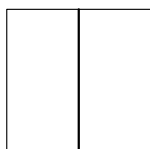
C



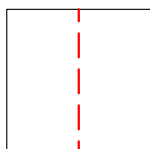
C - FOLD (COVER)



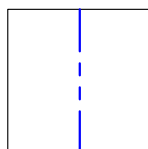
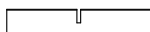
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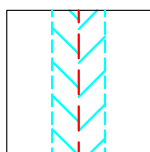
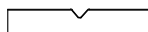
CUT



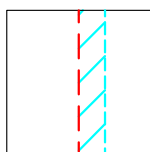
50% SCORE



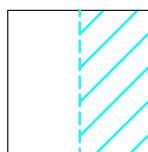
CREASE



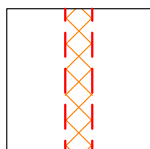
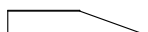
45° DOUBLE  
BEVEL



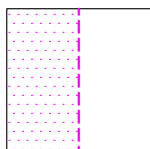
45° SINGLE  
BEVEL



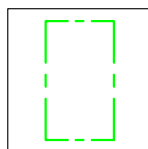
EDGE  
BEVEL



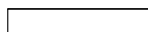
CAVITY



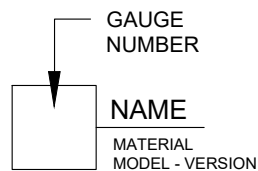
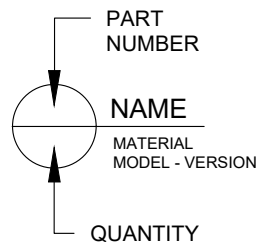
REMOVE  
PAPER



REFERENCE/  
OPTIONAL



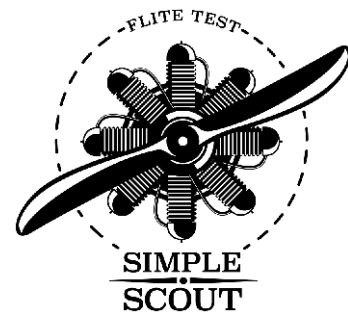
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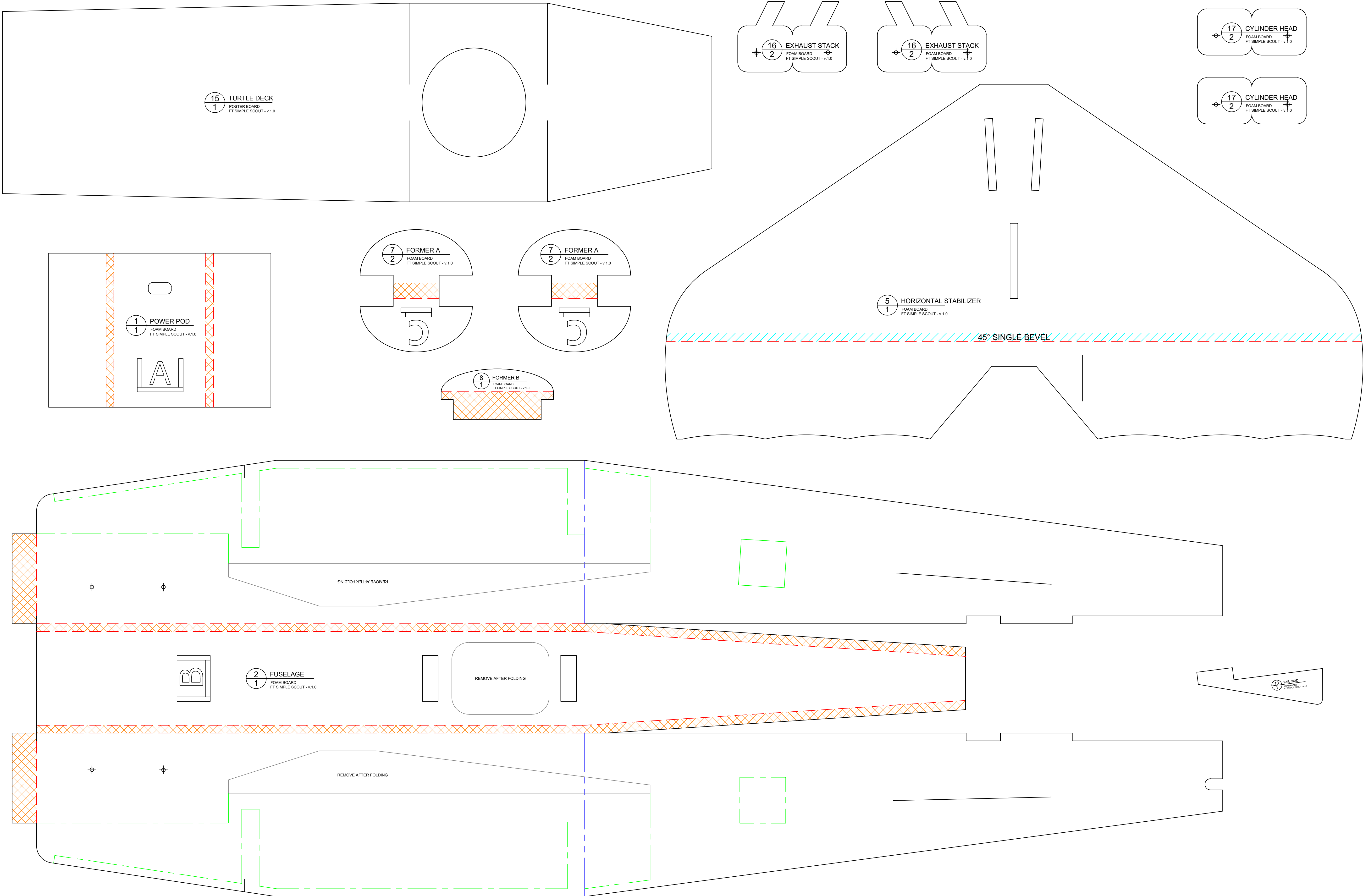
CENTER  
OF  
GRAVITY  
(CG)

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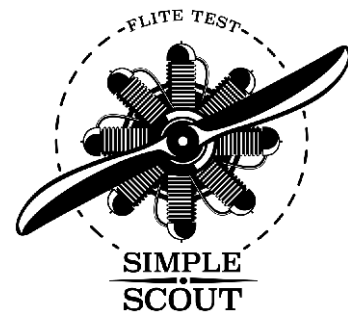


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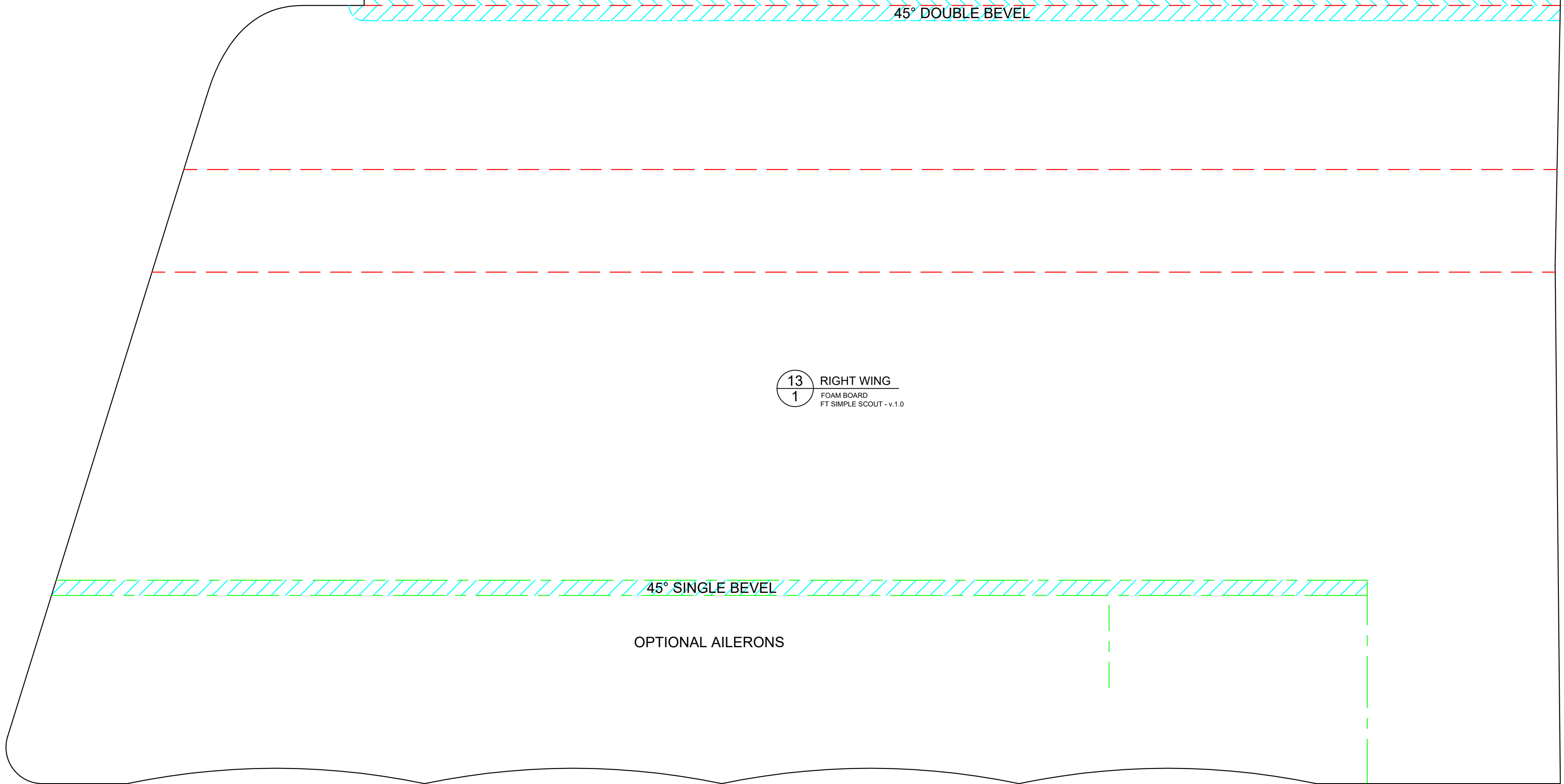
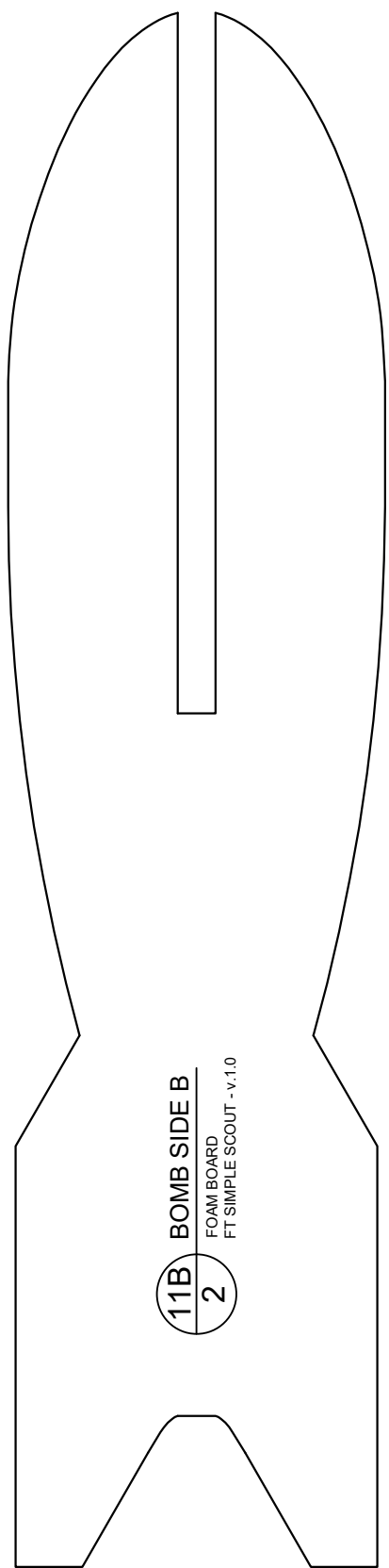
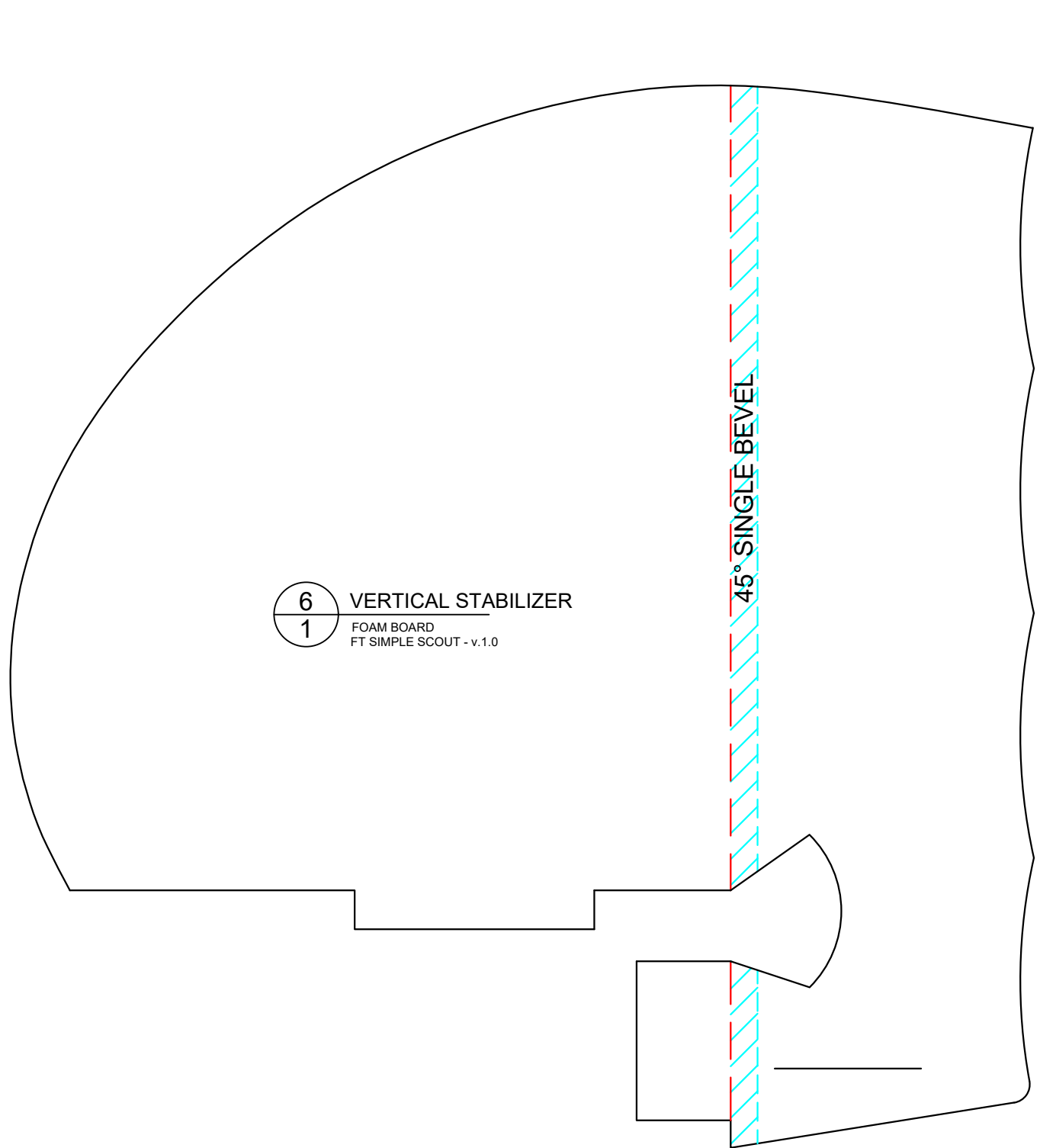
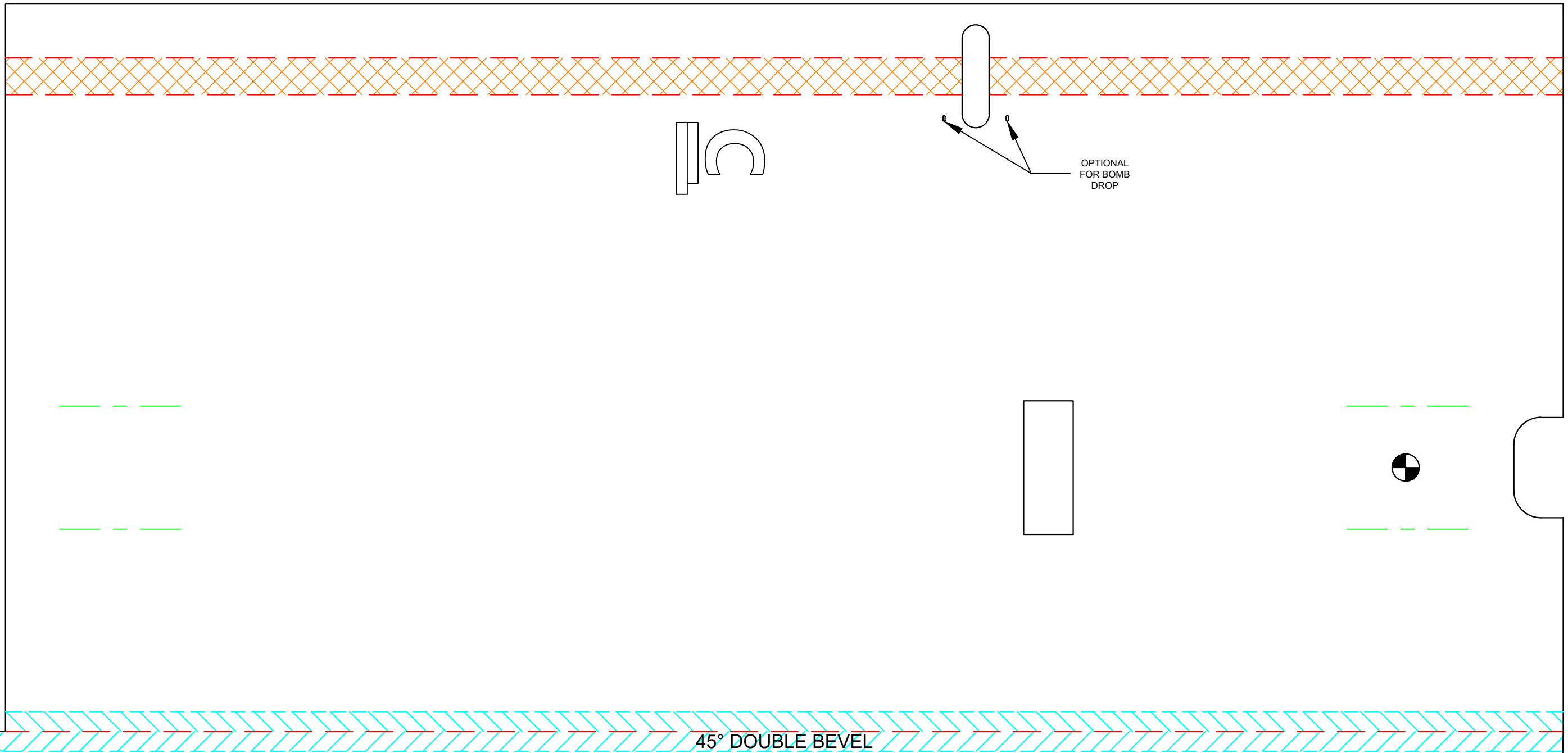
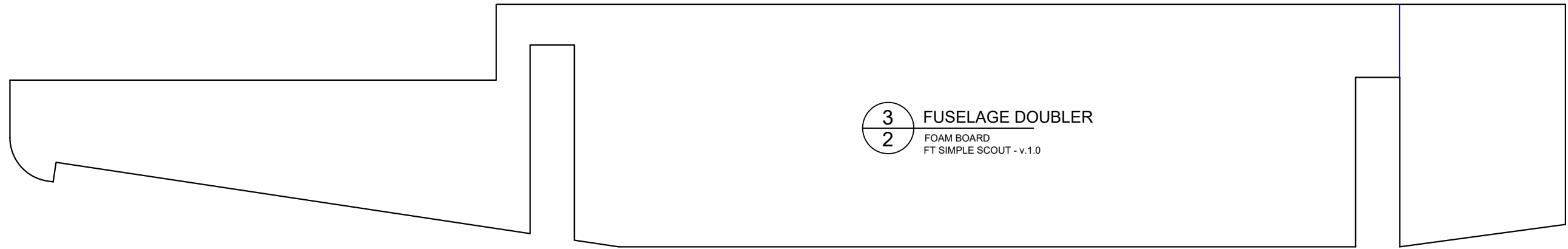
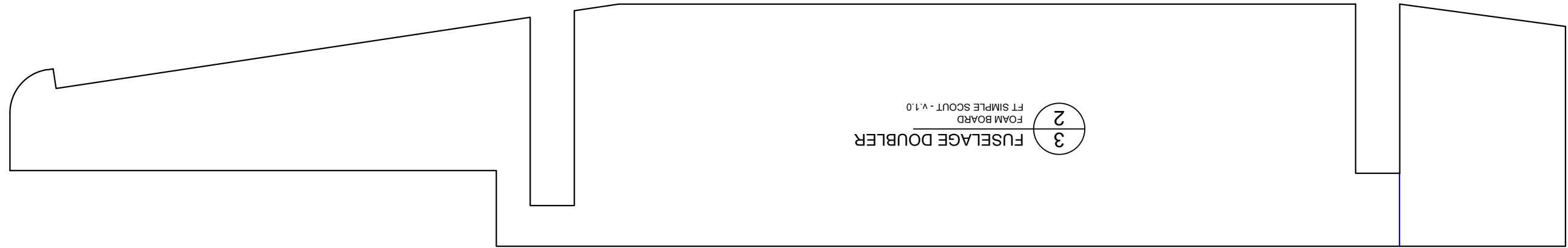
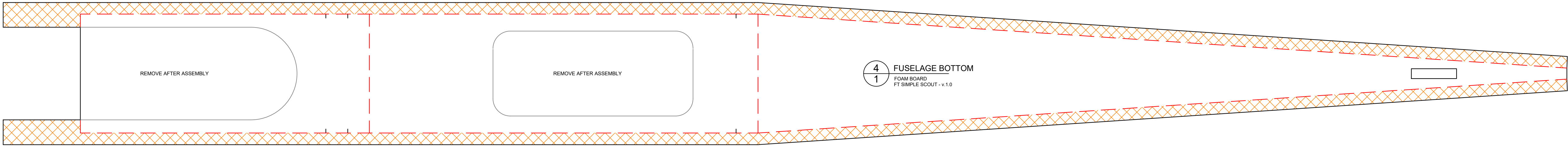


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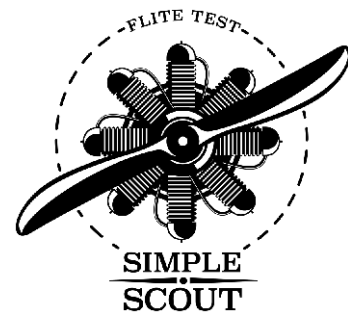
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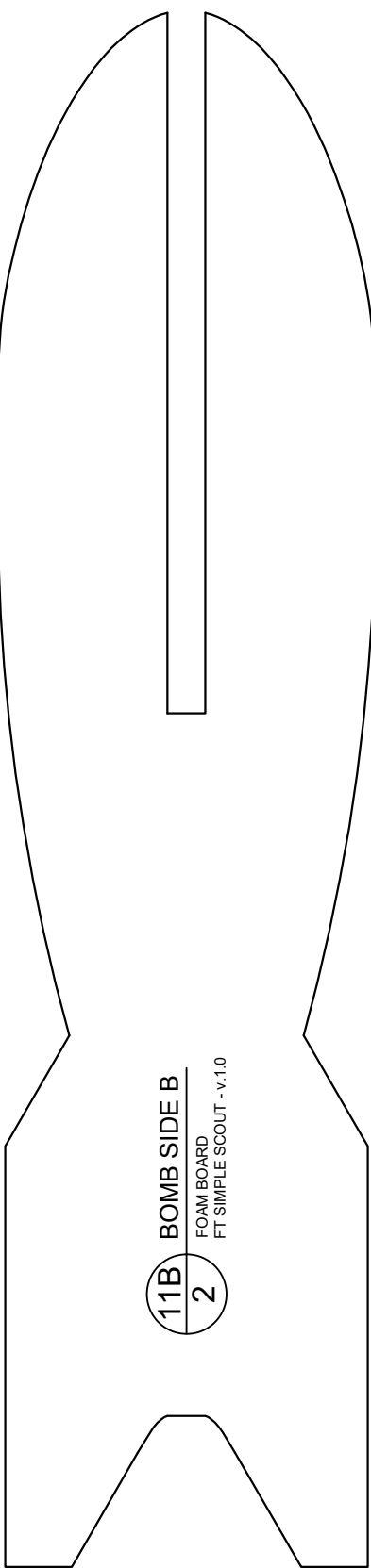
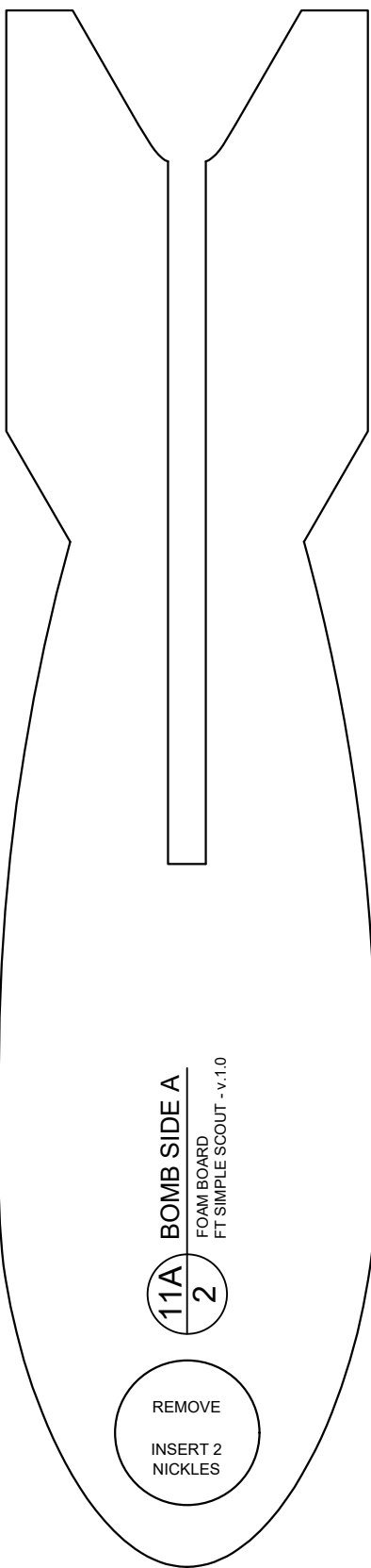
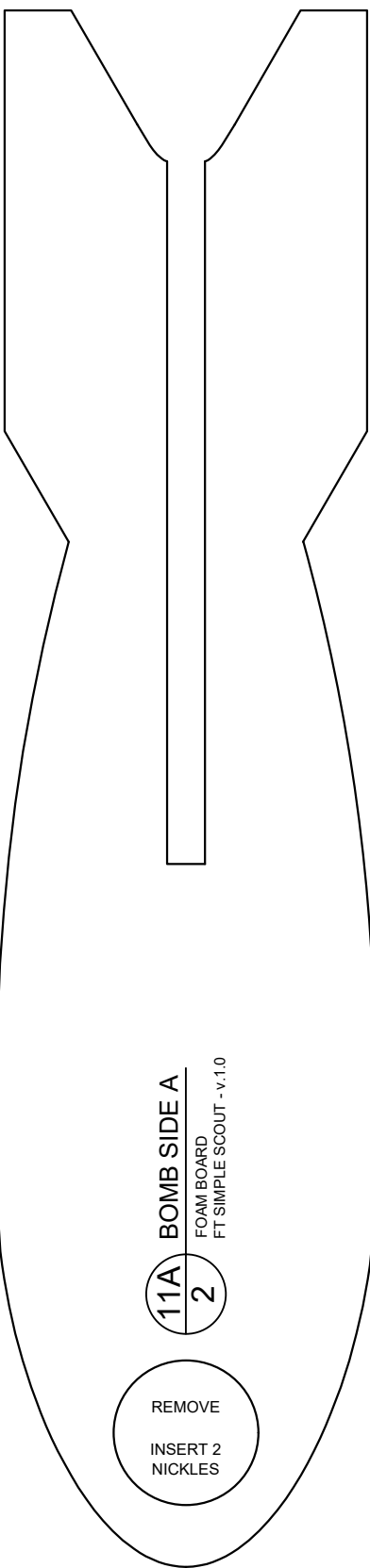
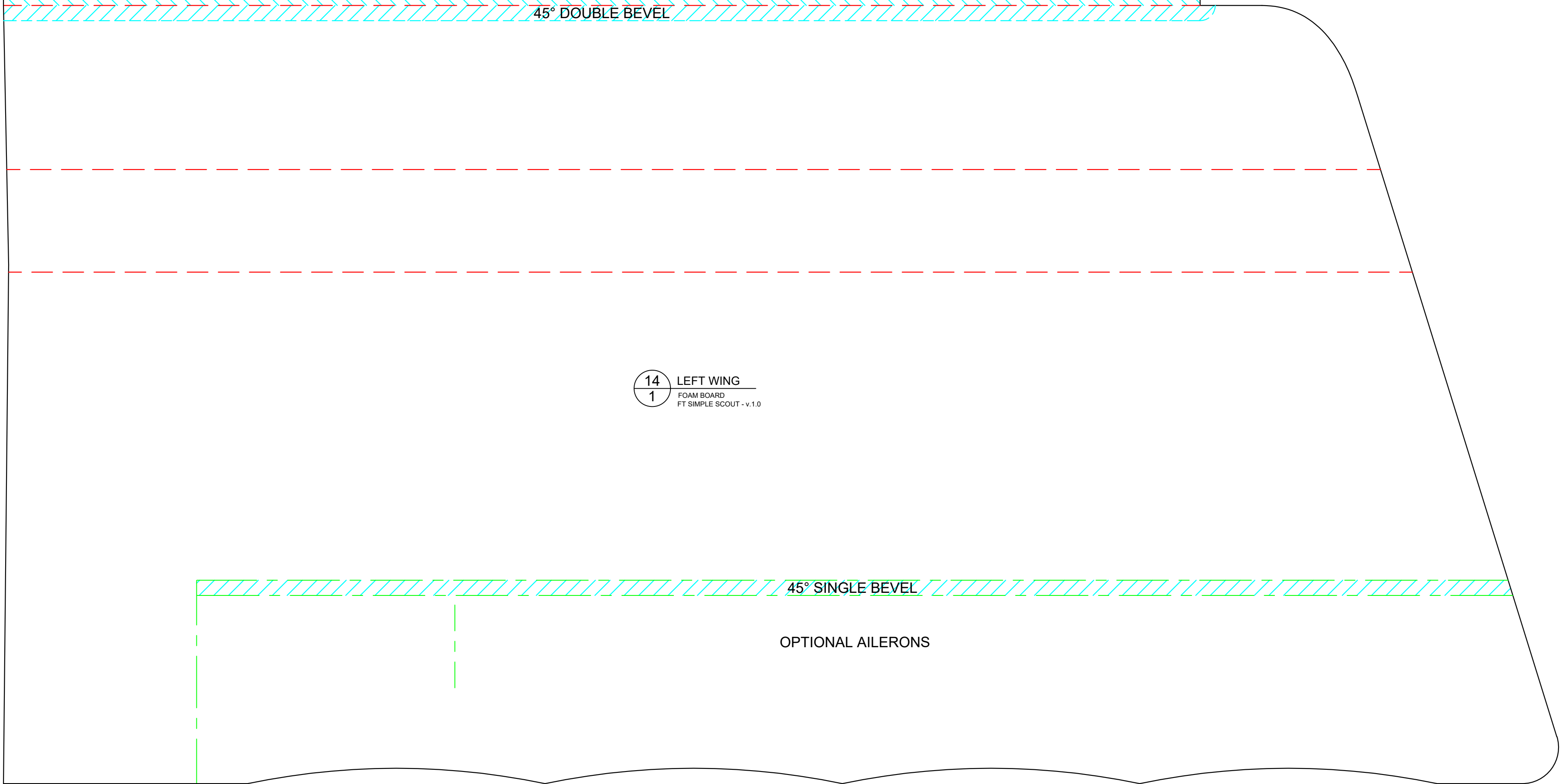
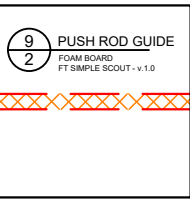
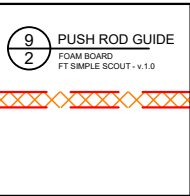
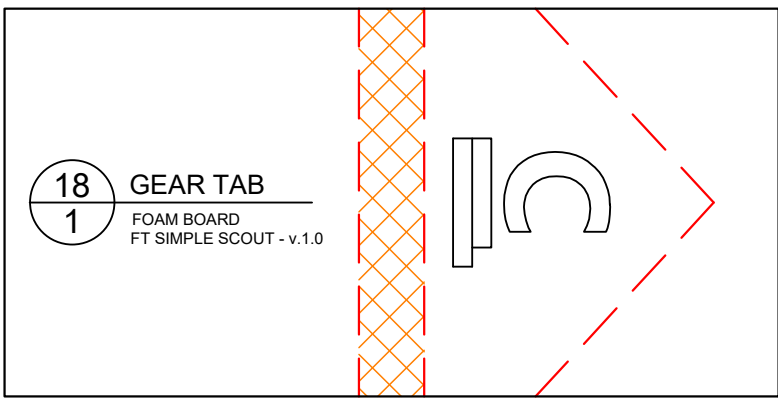
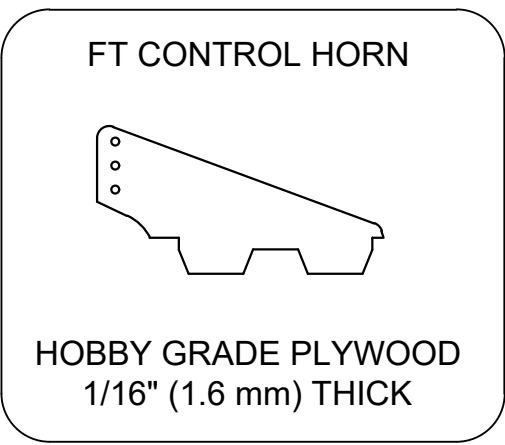
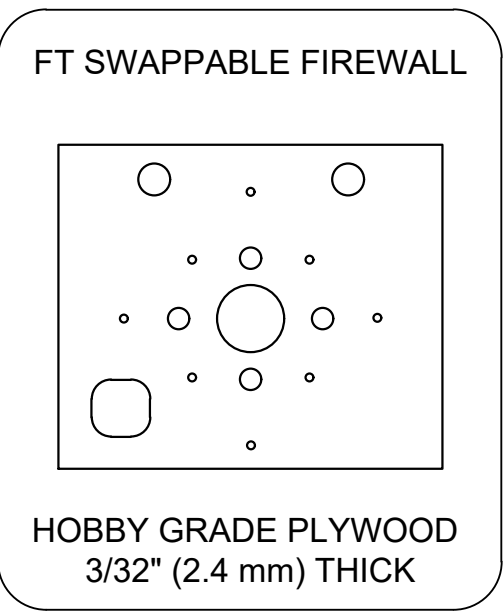
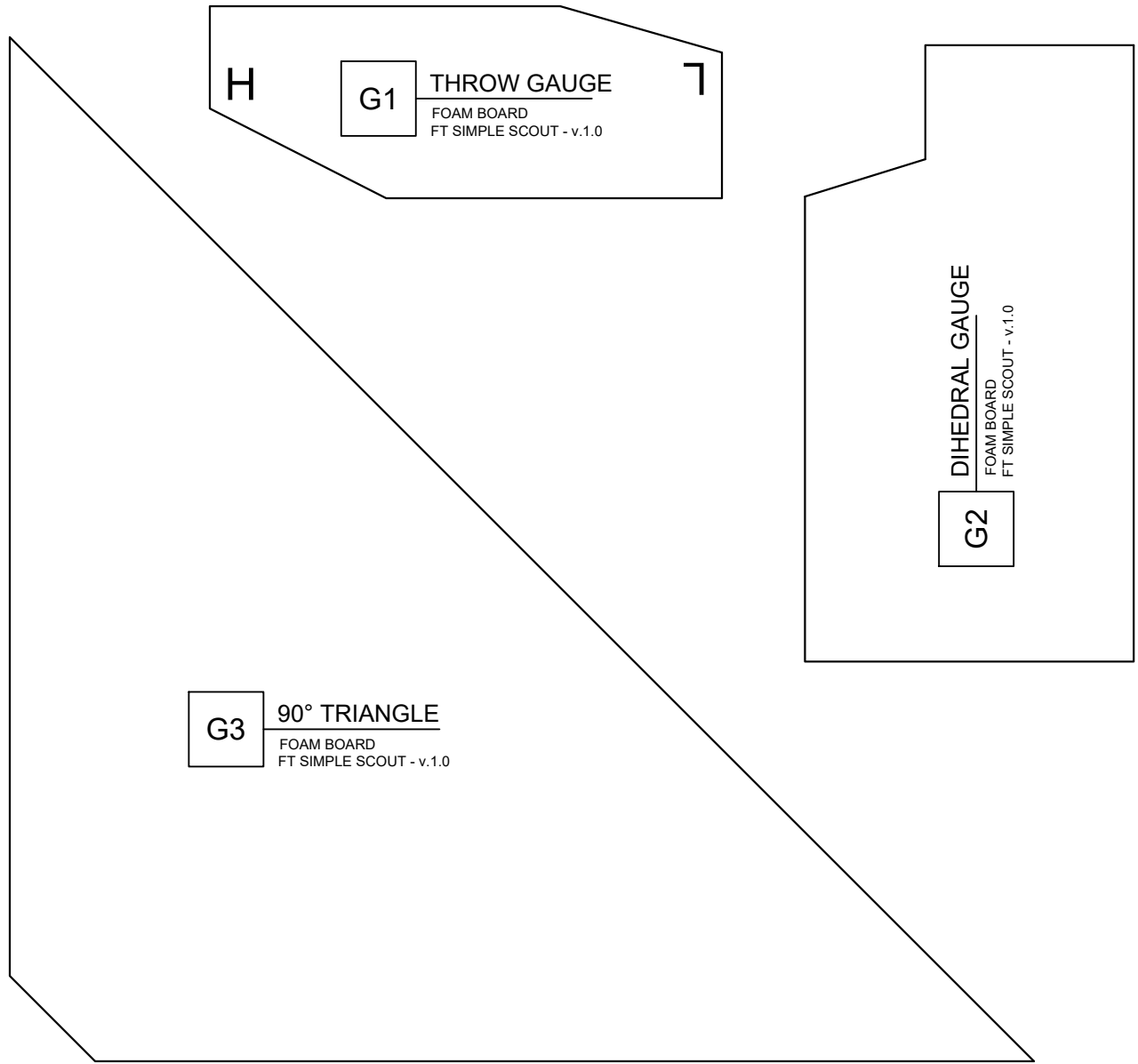
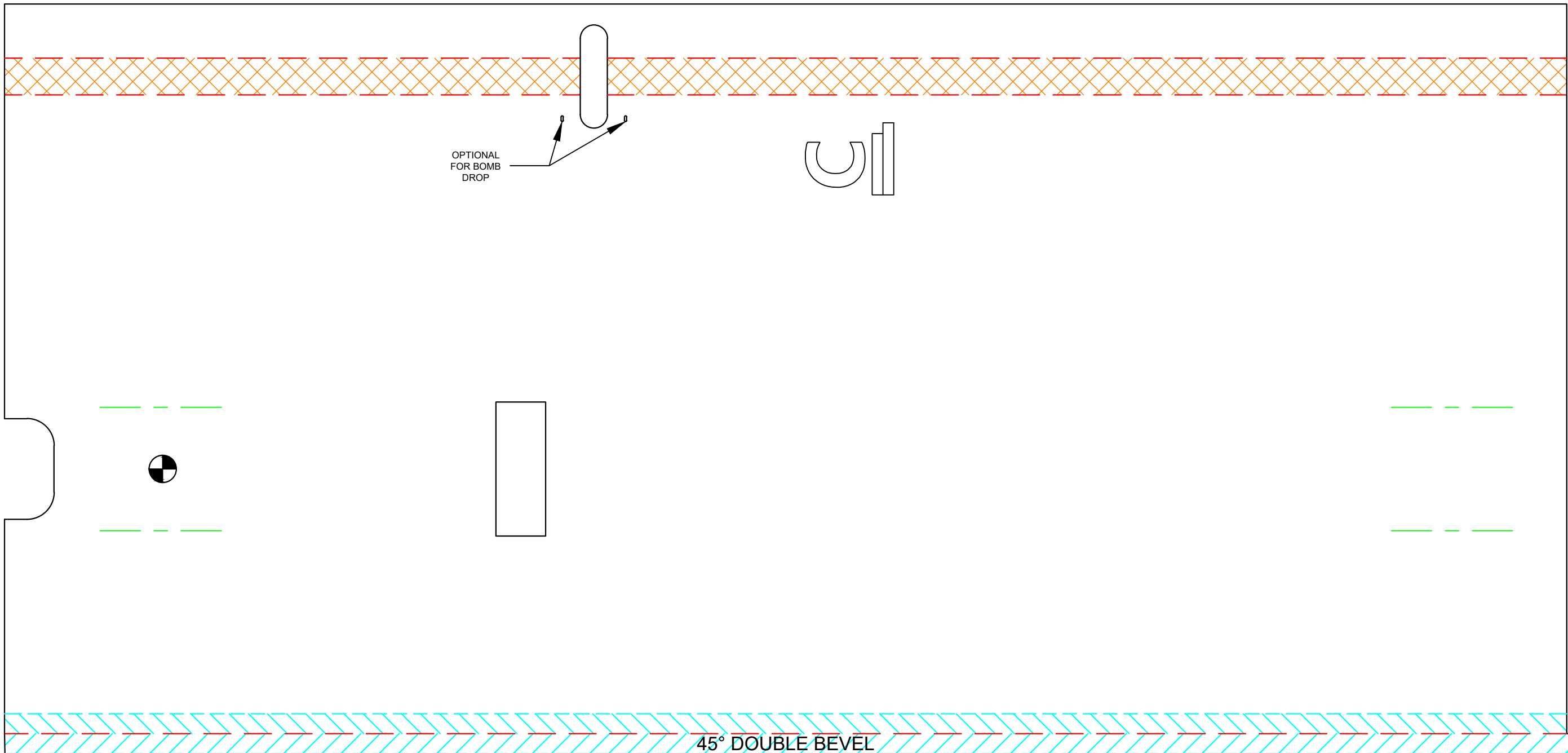
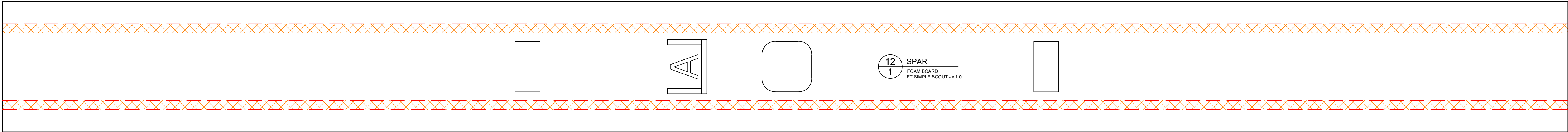
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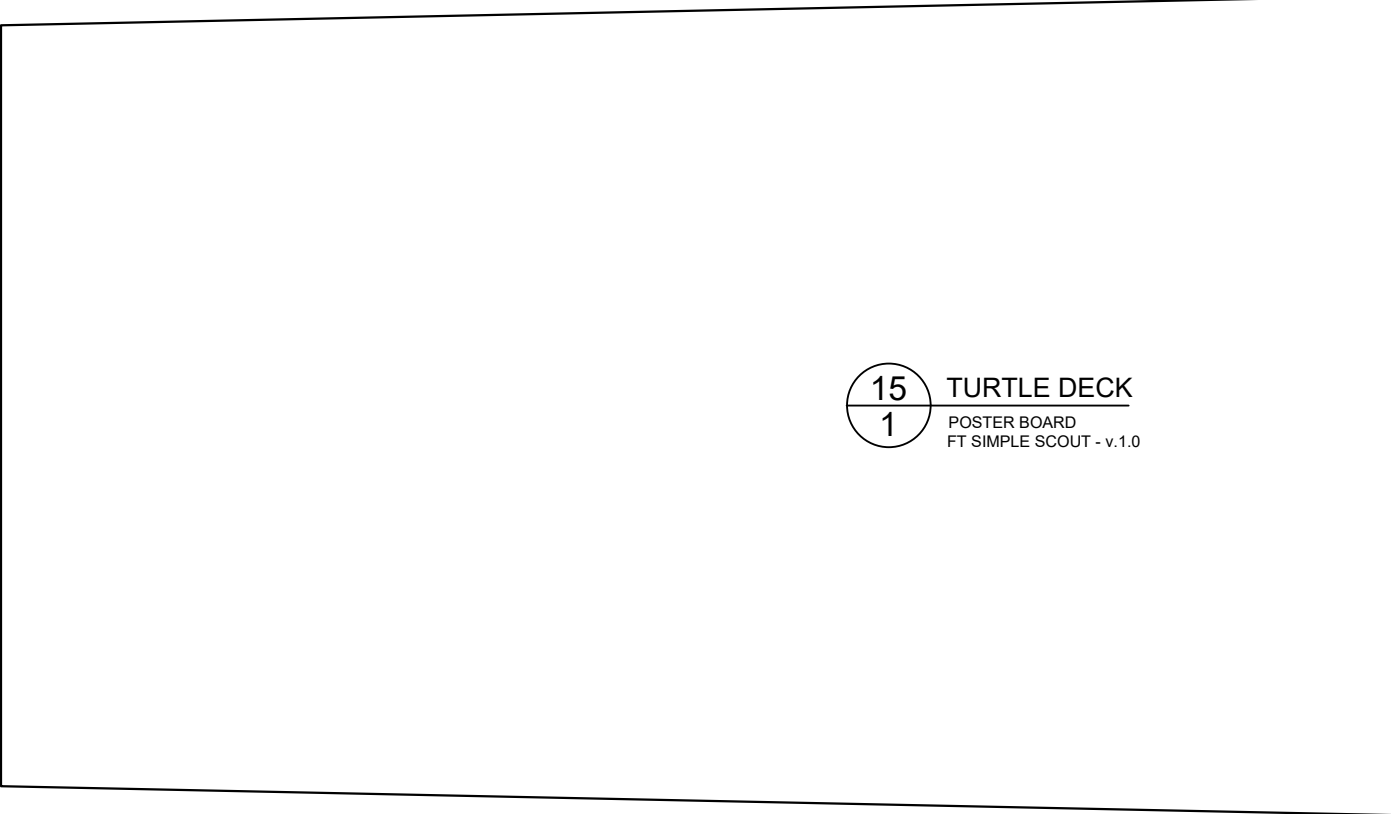


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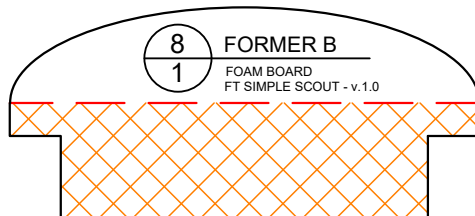
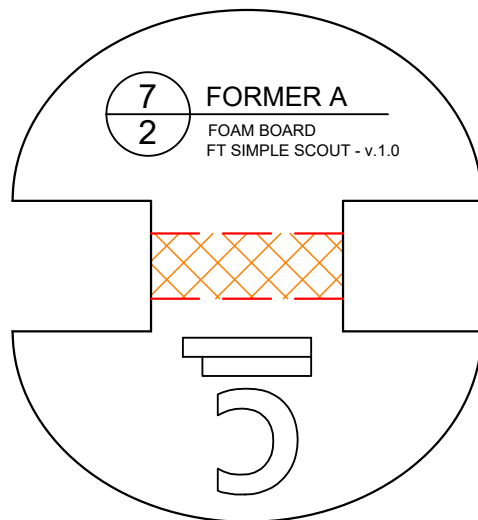
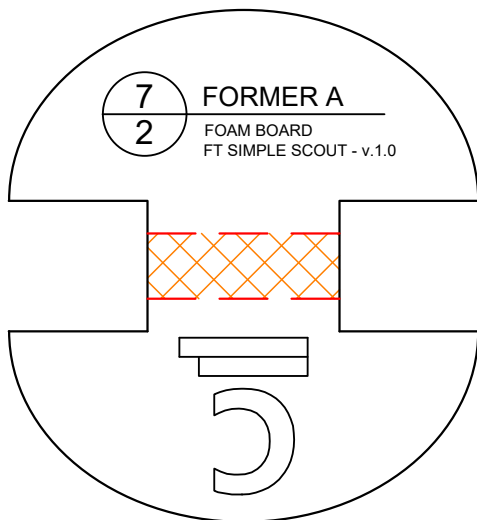
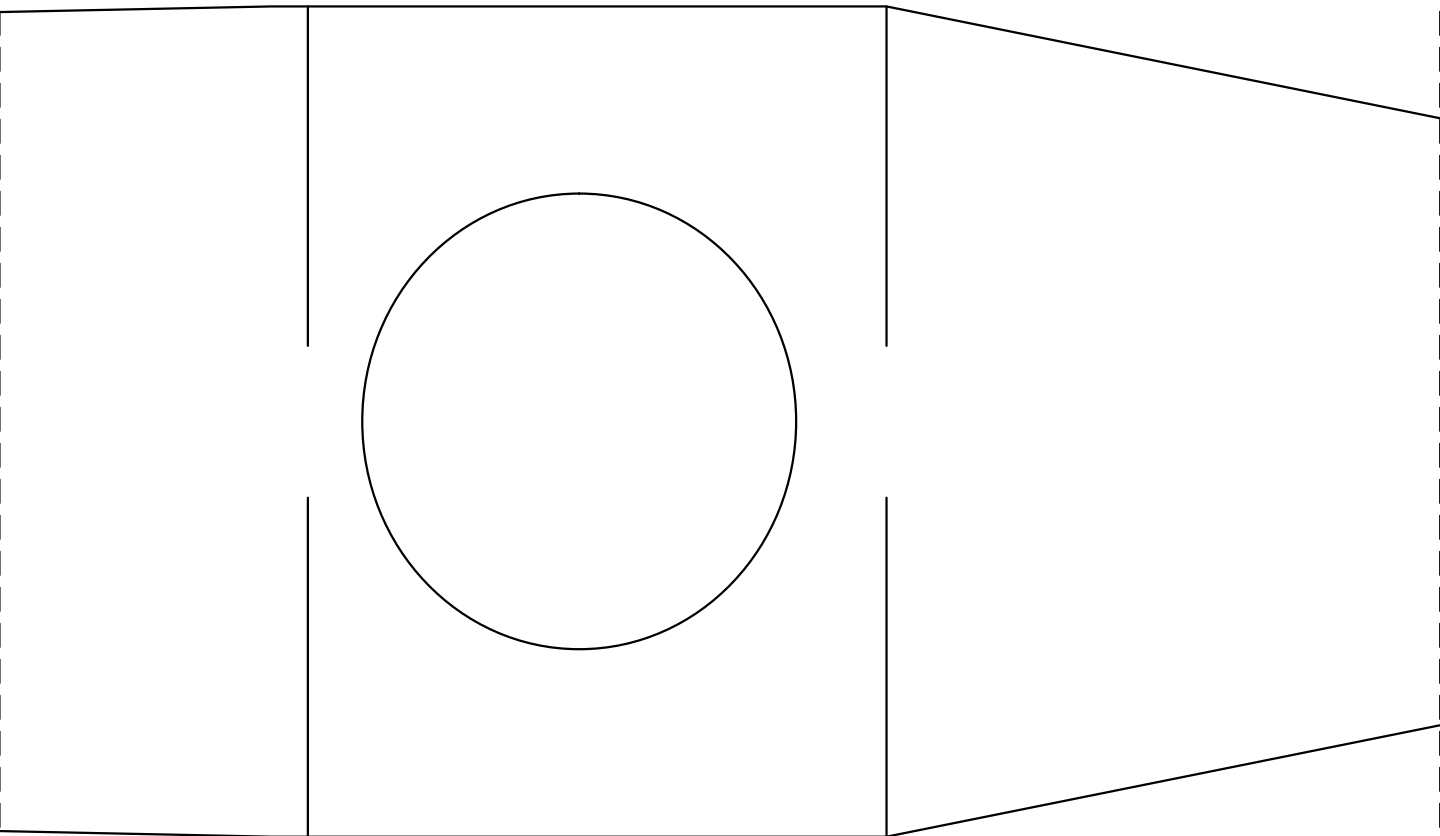
15  
1

TURTLE DECK  
POSTER BOARD  
FT SIMPLE SCOUT - v.1.0

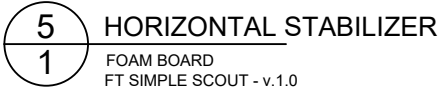
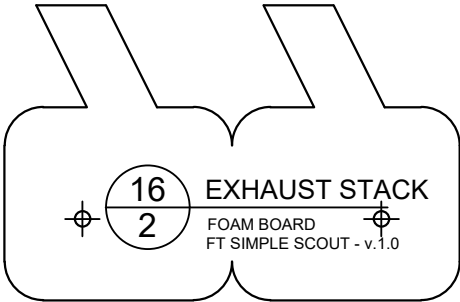
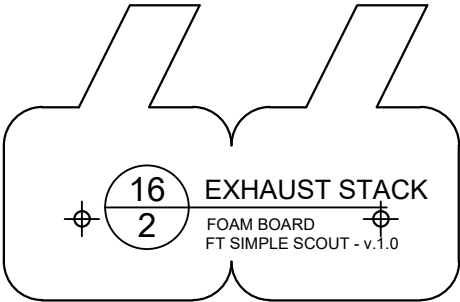


1  
1

POWER POD  
FOAM BOARD  
FT SIMPLE SCOUT - v.1.0







45° SINGLE



17

2

CYLINDER HEAD

FOAM BOARD

FT SIMPLE SCOUT - v.1.0

17

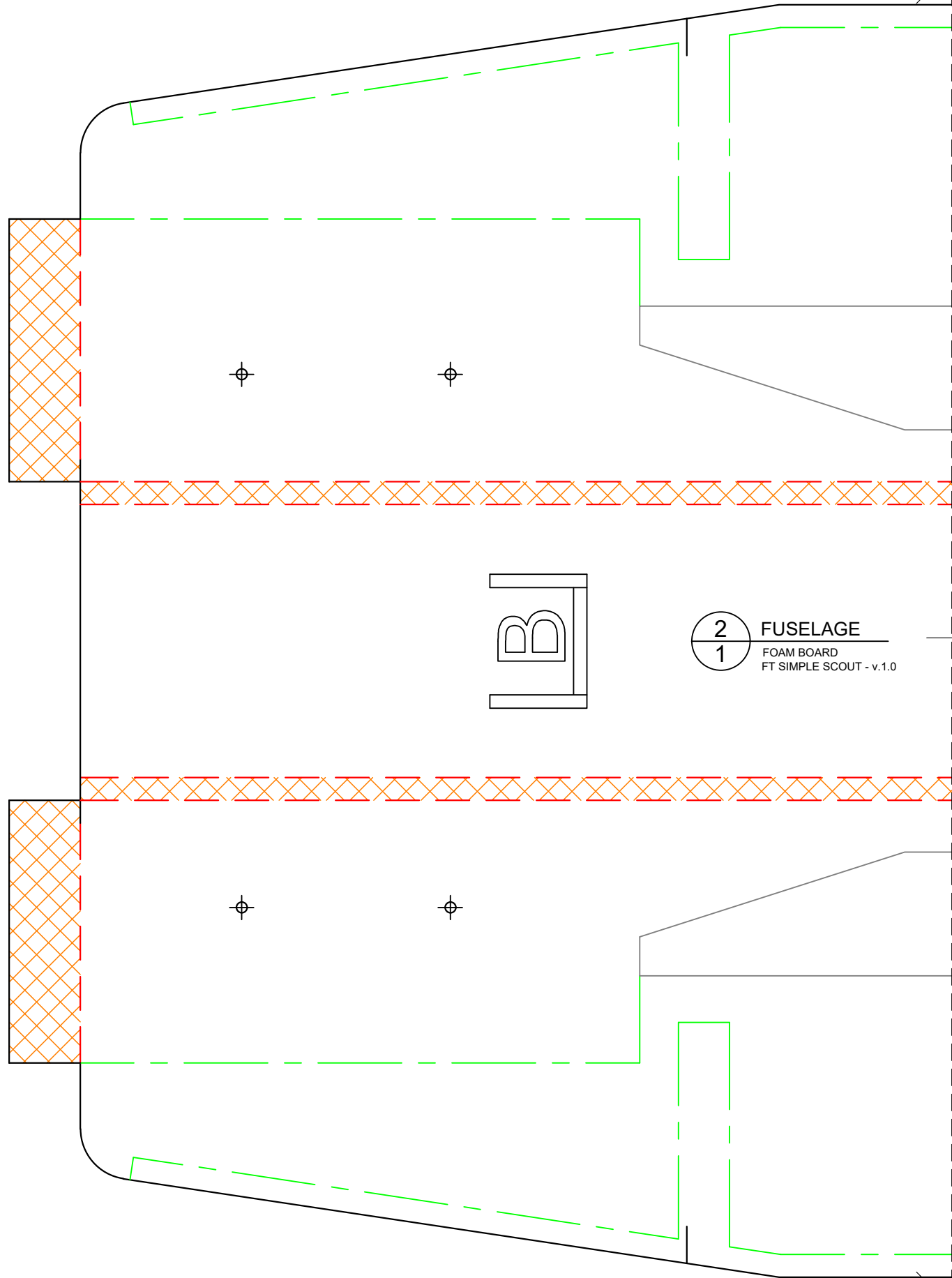
2

CYLINDER HEAD

FOAM BOARD

FT SIMPLE SCOUT - v.1.0

BEVEL



2  
1

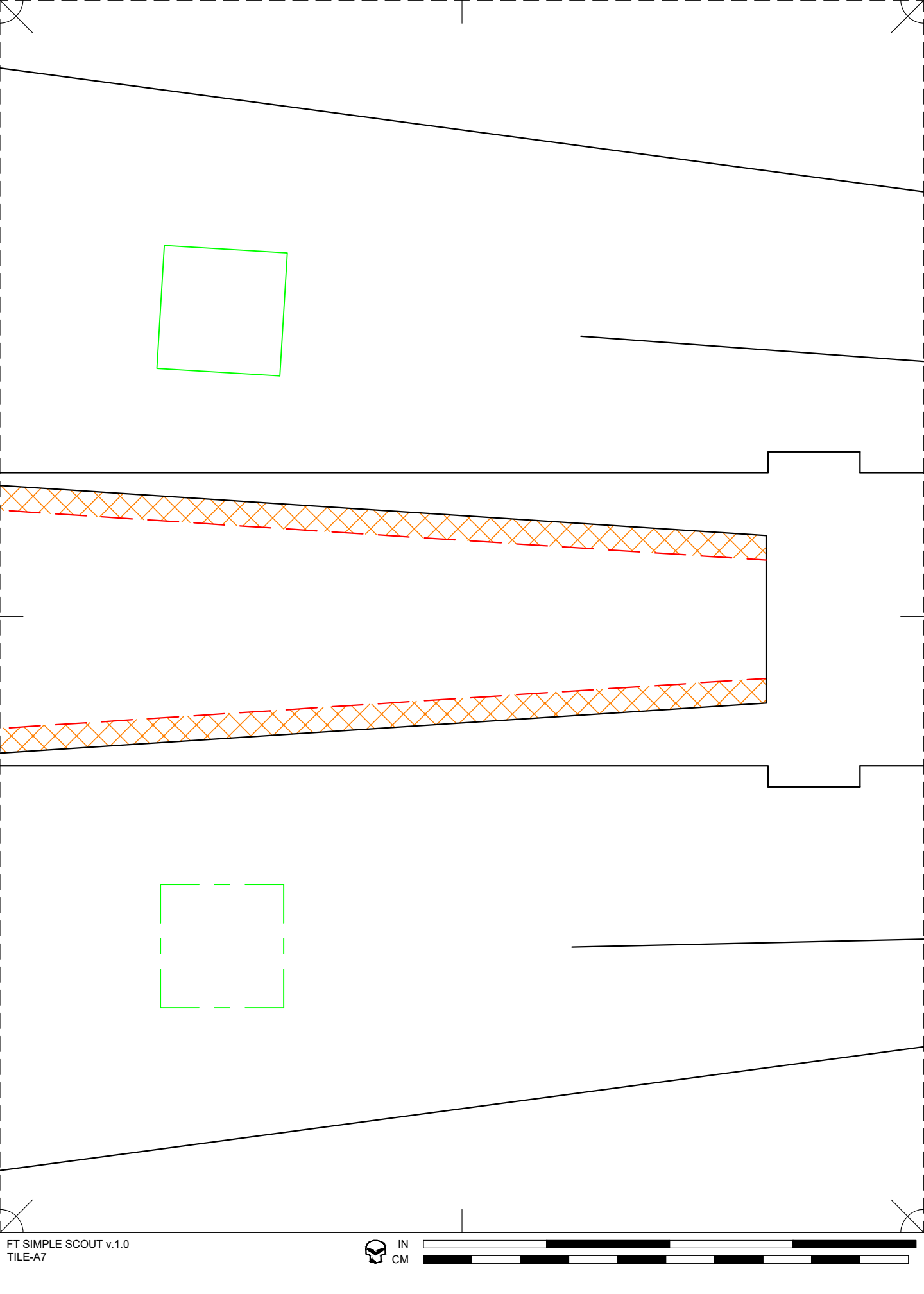
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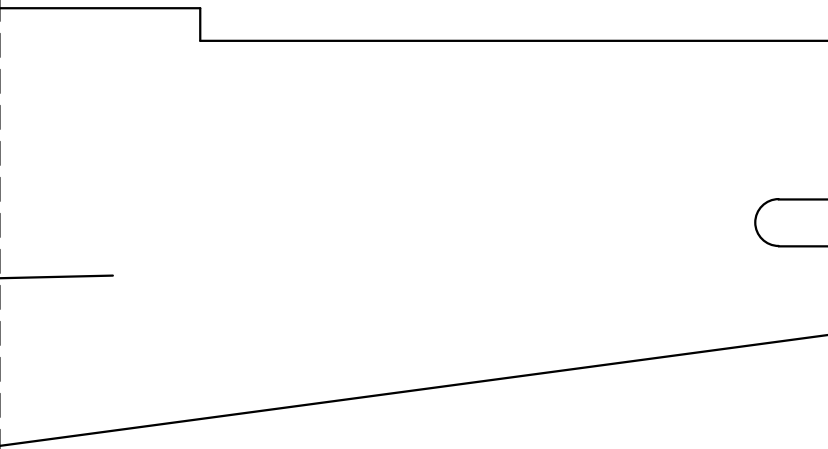
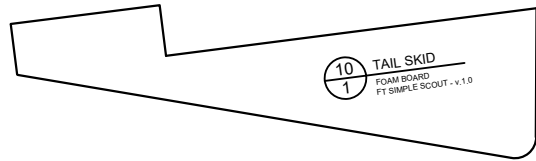
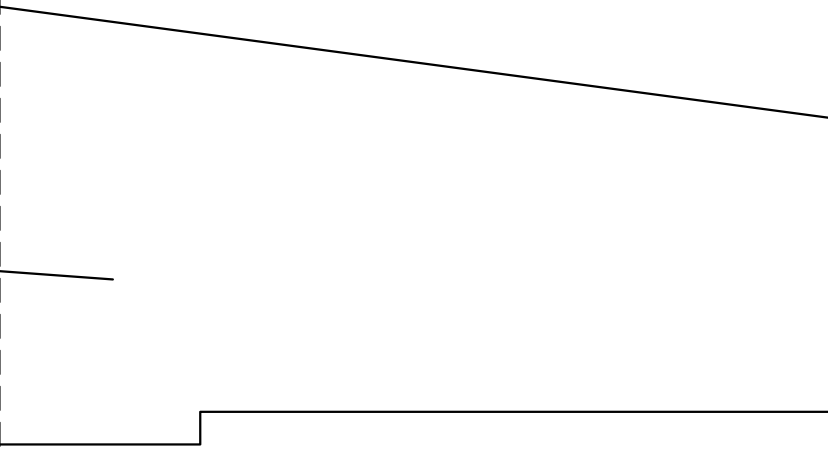
FOAM BOARD  
FT SIMPLE SCOUT - v.1.0

REMOVE AFTER FOLDING

REMOVE AFTER FOLDING

REMOVE AFTER FOLDING

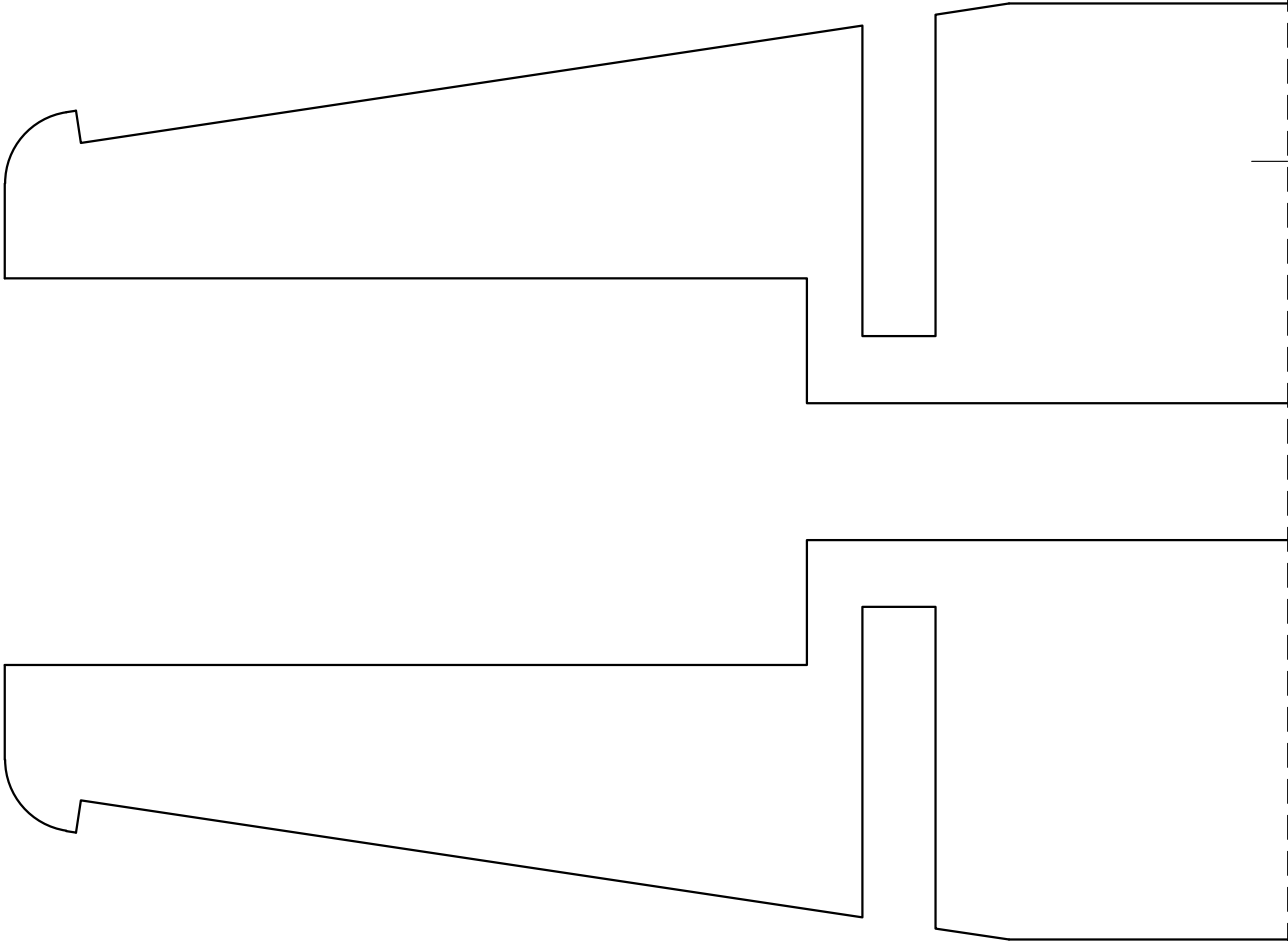
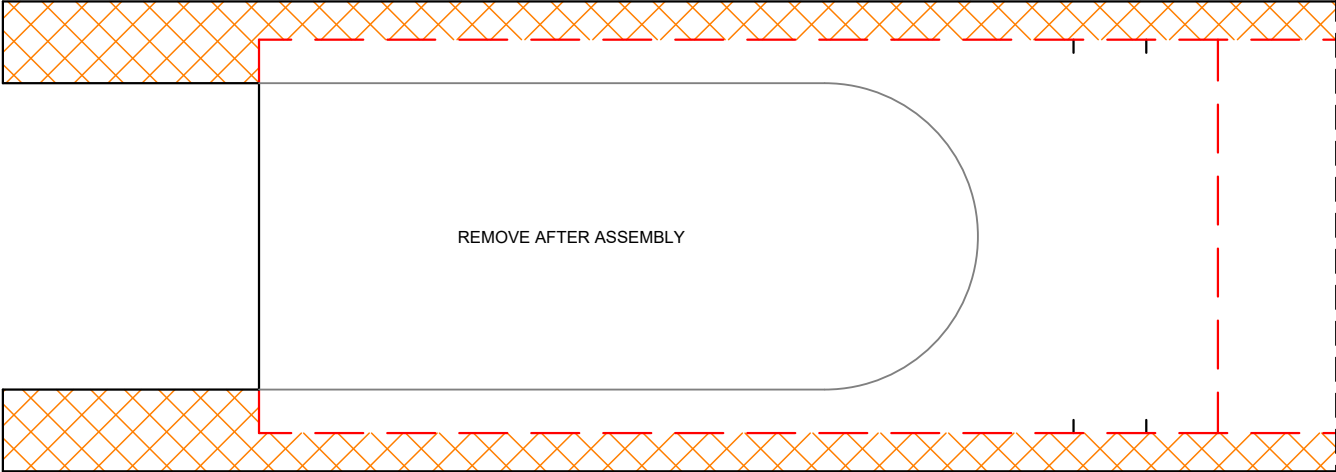


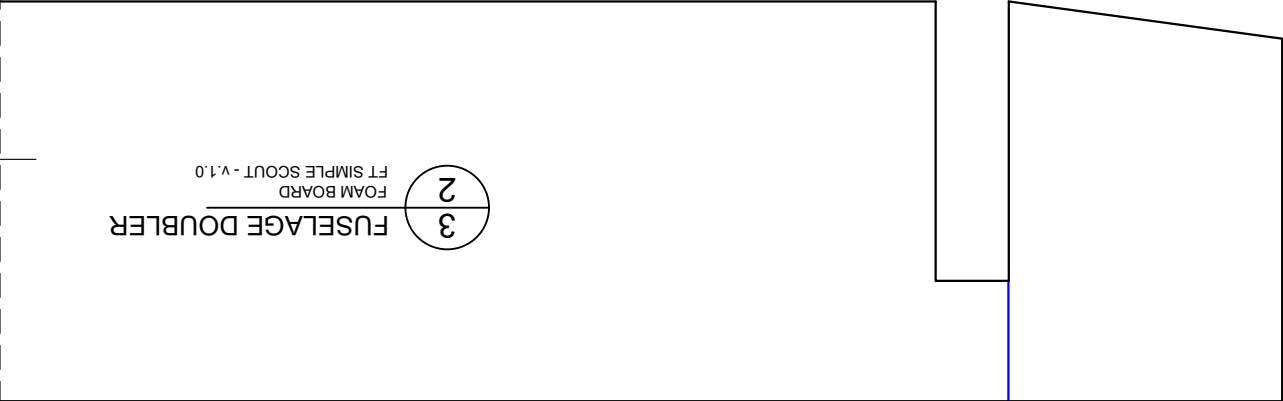
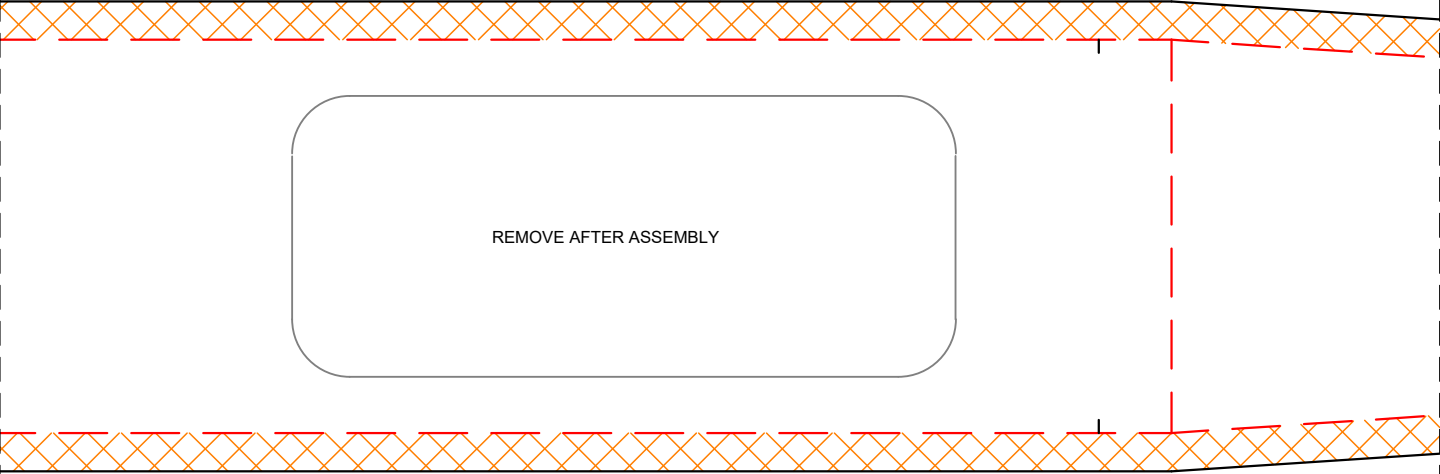






IN  
CM



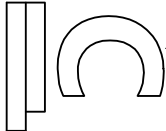




4  
1

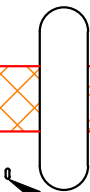
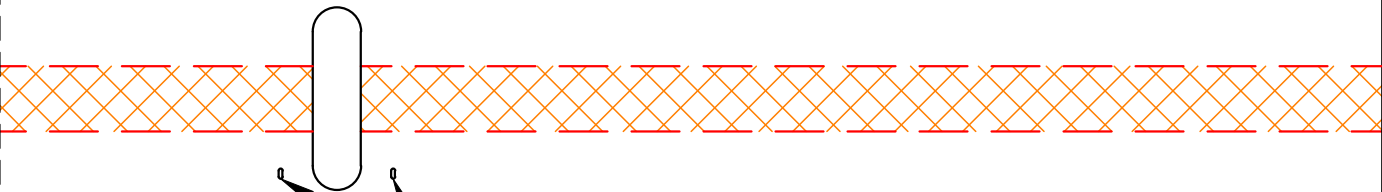
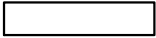
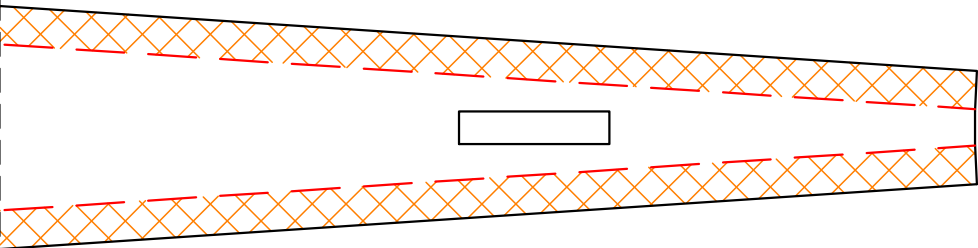
FUSELAGE BOTTOM

FOAM BOARD  
FT SIMPLE SCOUT - v.1.0

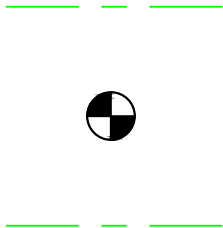




IN  
CM



OPTIONAL  
FOR BOMB  
DROP

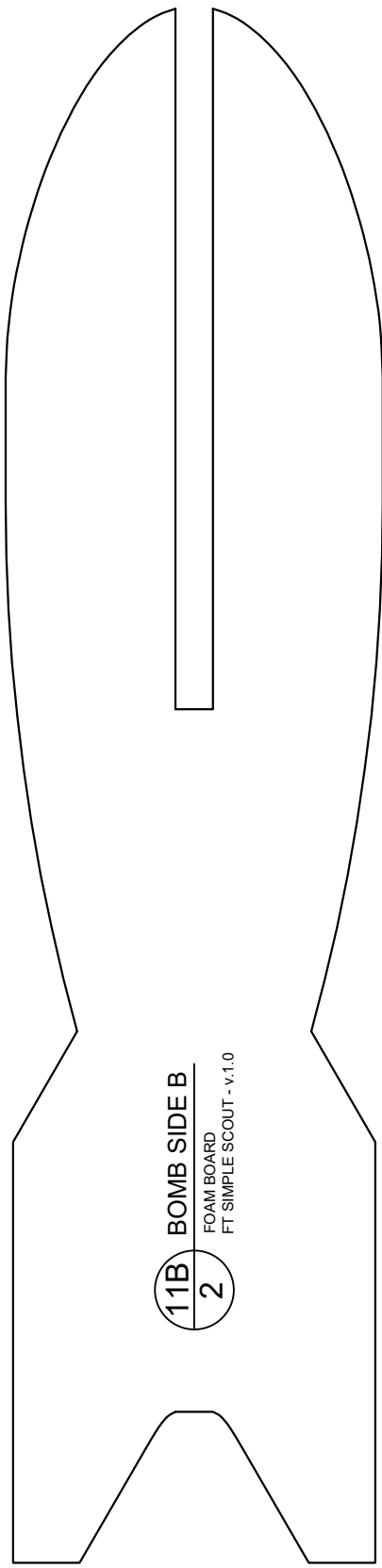




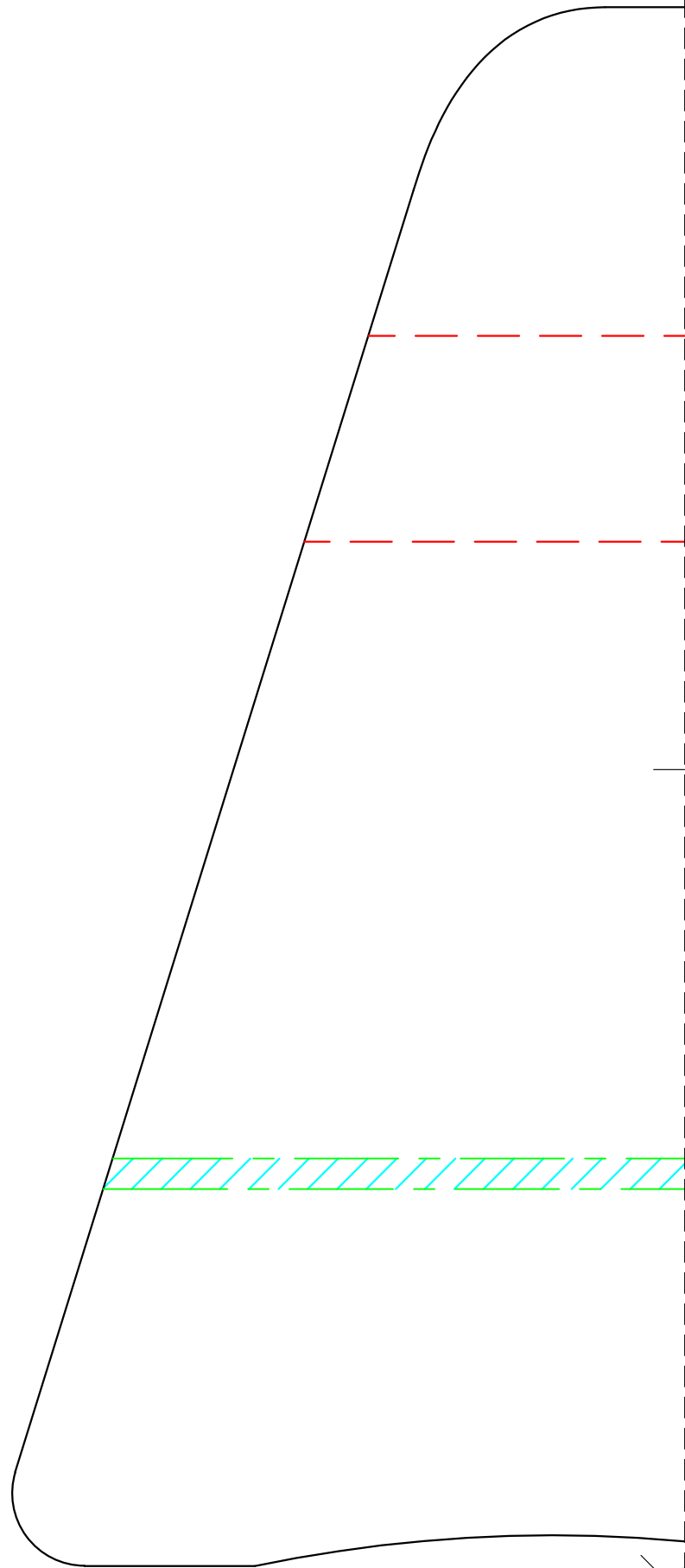
# VERTICAL STABILIZER

FOAM BOARD  
FT SIMPLE SCOUT - v.1.0

45° SINGLE BEVEL



11B BOMB SIDE B  
FOAM BOARD  
FT SIMPLE SCOUT - v.1.0





45° DOUB

13  
1

RIGHT WING

FOAM BOARD  
FT SIMPLE SCOUT - v.1.0

45° SINGLE BEVEL

OPTIONAL AILERONS



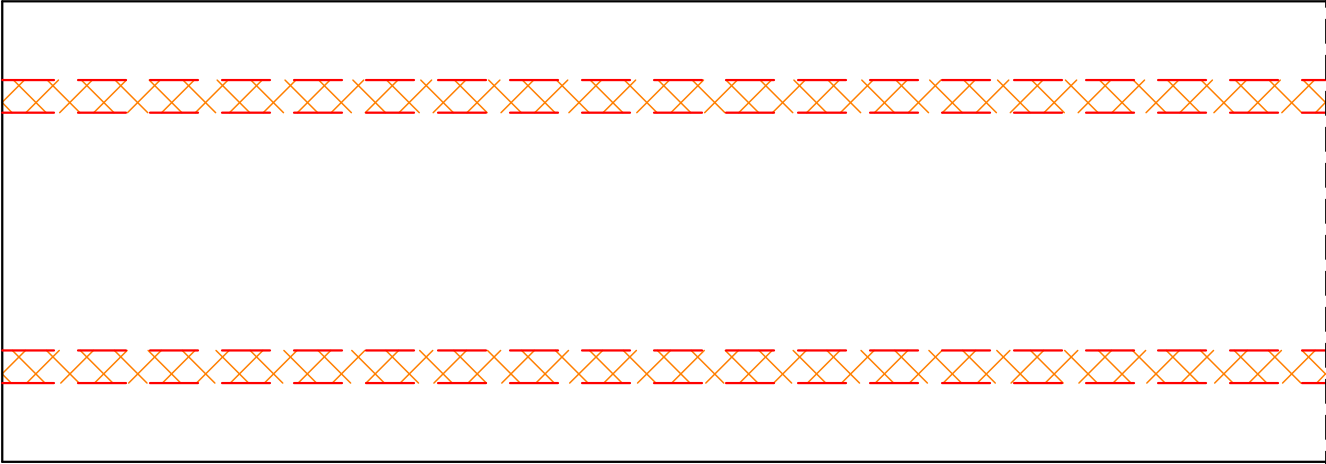
IN  
CM



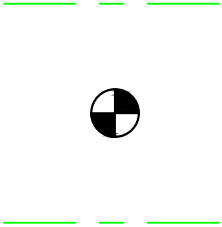
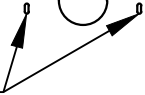
LE BEVEL



IN  
CM

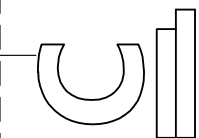
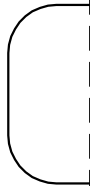
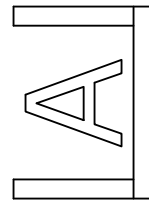


OPTIONAL  
FOR BOMB  
DROP





IN  
CM





12  
1

SPAR  
FOAM BOARD  
FT SIMPLE SCOUT - v.1.0



H

G1

THROW GAUGE  
FOAM BOARD  
FT SIMPLE SCOUT - v.1.0

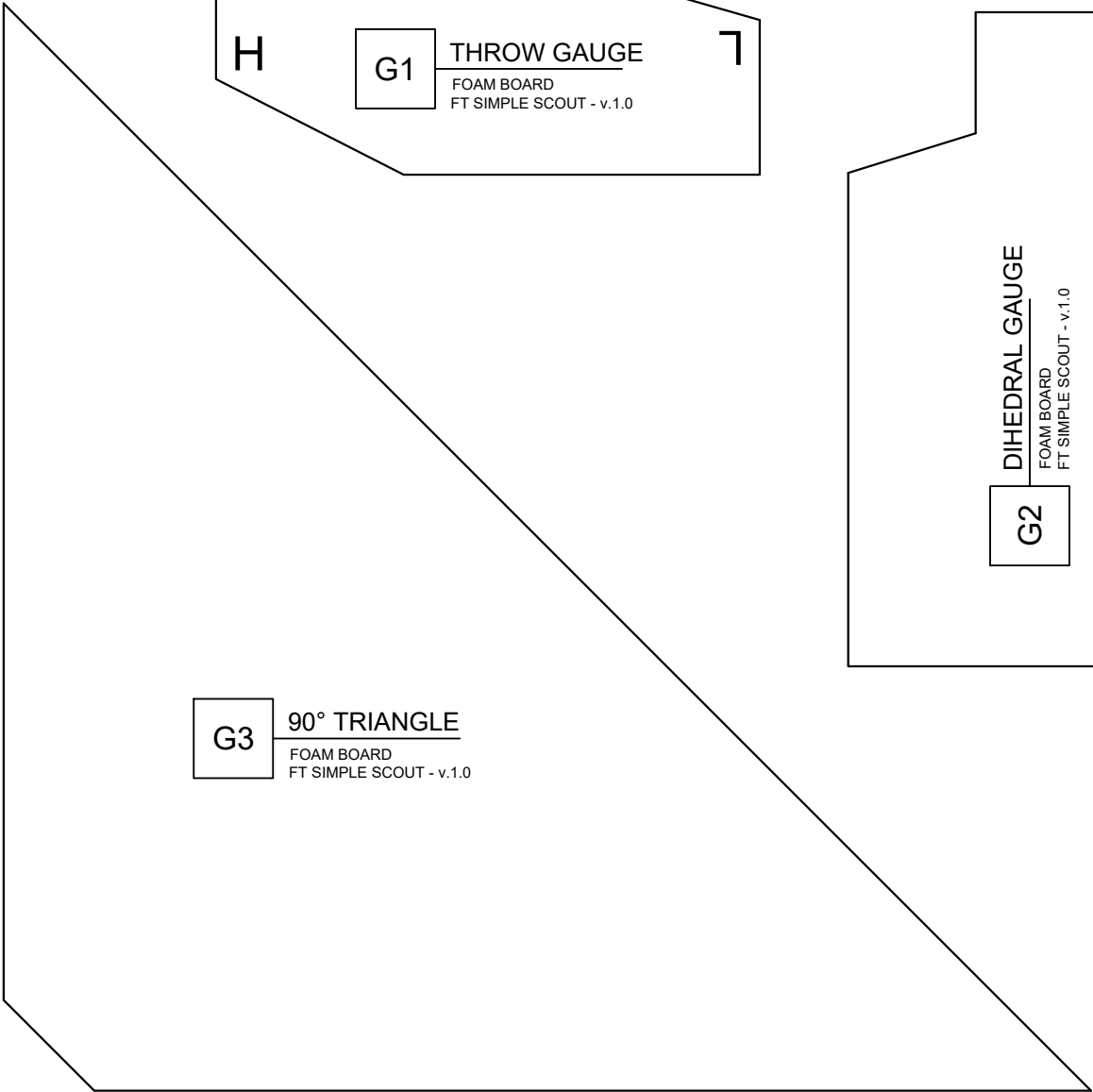
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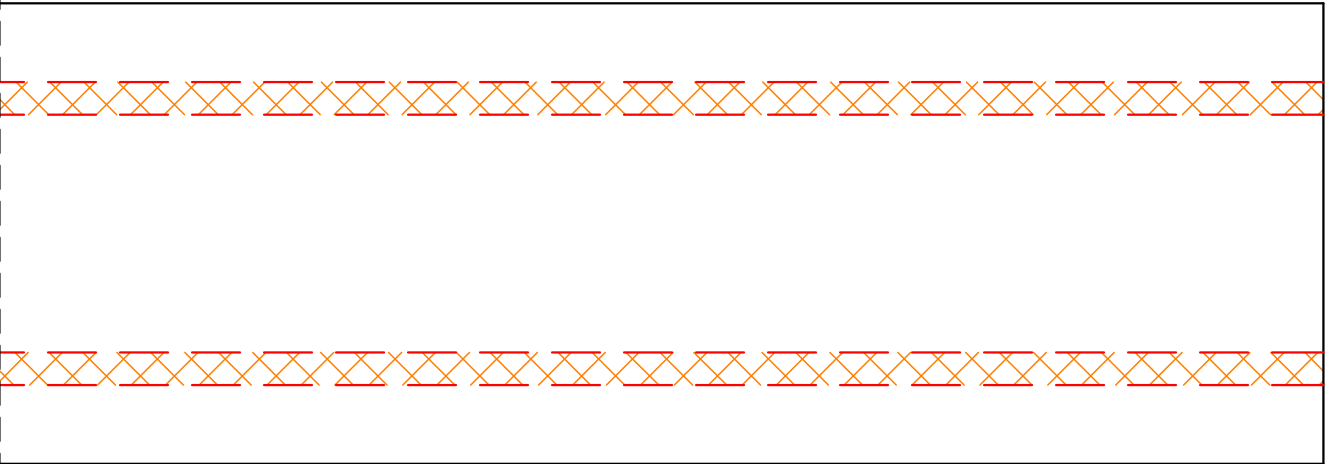
DIHEDRAL GAUGE  
FOAM BOARD  
FT SIMPLE SCOUT - v.1.0

G2

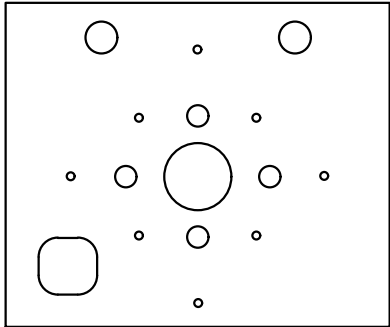
G3

90° TRIANGLE  
FOAM BOARD  
FT SIMPLE SCOUT - v.1.0



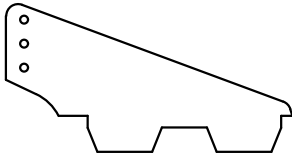


FT SWAPPABLE FIREWALL



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

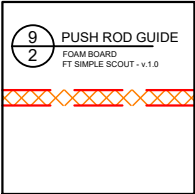
FT CONTROL HORN



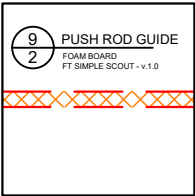
HOBBY GRADE PLYWOOD  
1/16" (1.6 mm) THICK



18  
1 GEAR TAB  
FOAM BOARD  
FT SIMPLE SCOUT - v.1.0



9  
2 PUSH ROD GUIDE  
FOAM BOARD  
FT SIMPLE SCOUT - v.1.0



9  
2 PUSH ROD GUIDE  
FOAM BOARD  
FT SIMPLE SCOUT - v.1.0



45° DOUB



LE BEVEL

14

1

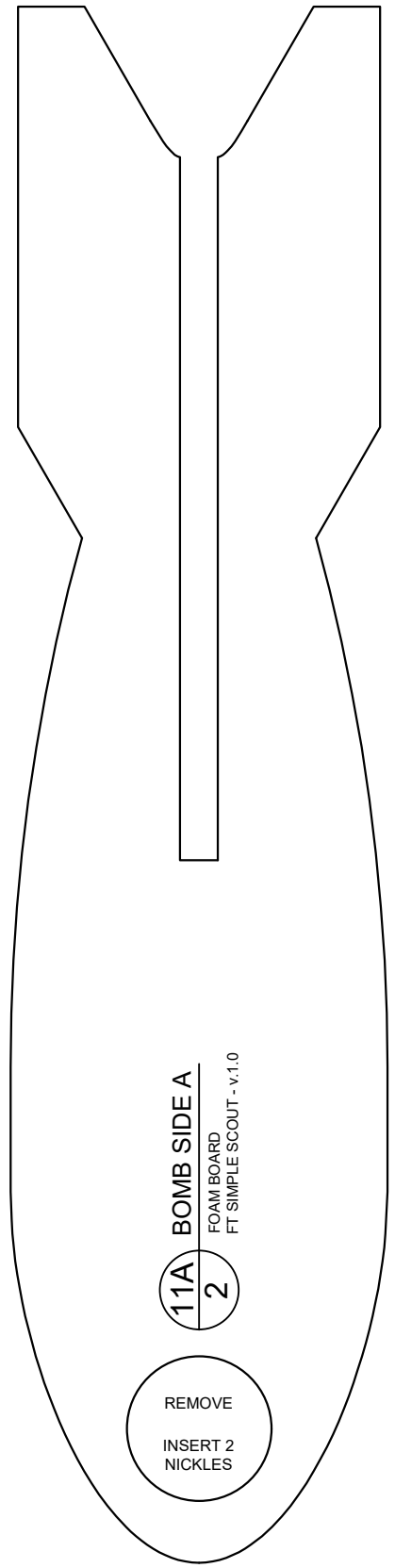
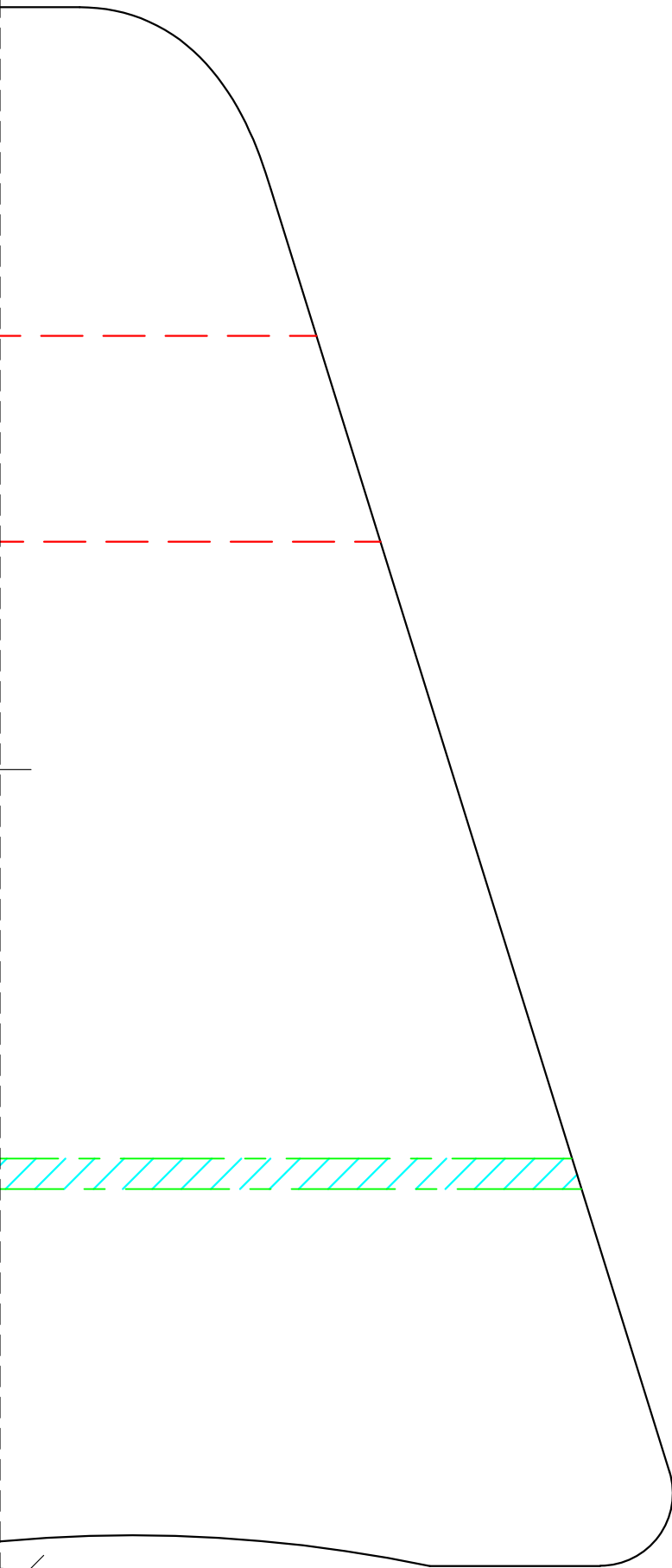
LEFT WING

FOAM BOARD  
FT SIMPLE SCOUT - v.1.0

45° SINGLE BEVEL

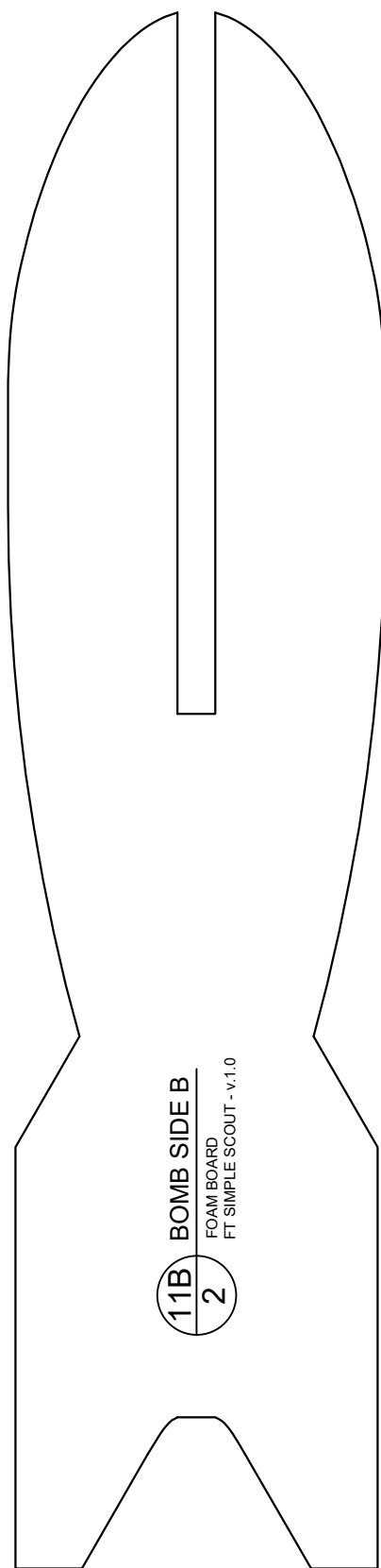
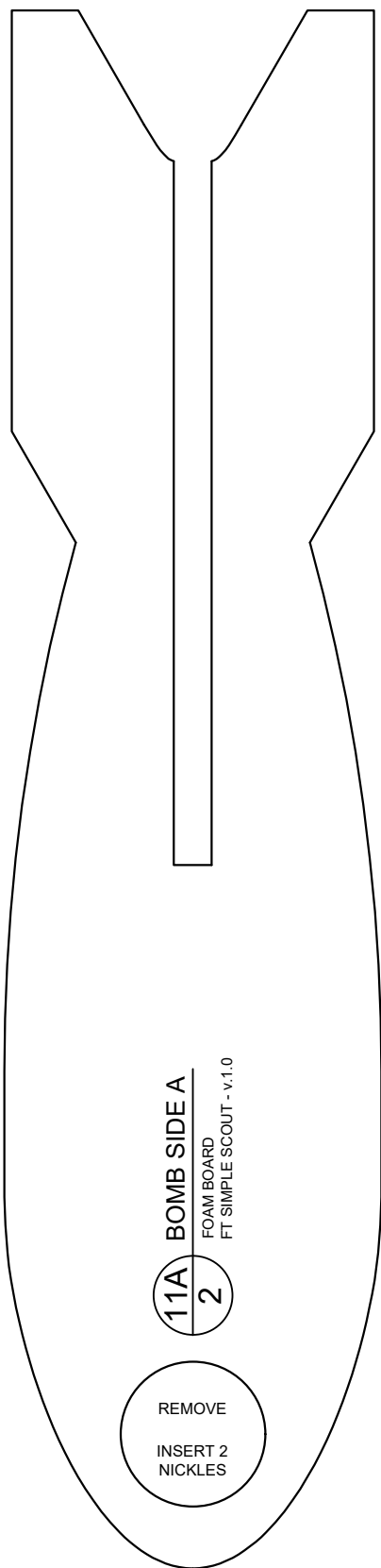
OPTIONAL AILERONS

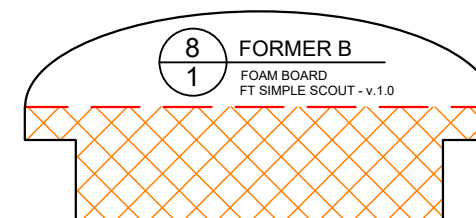
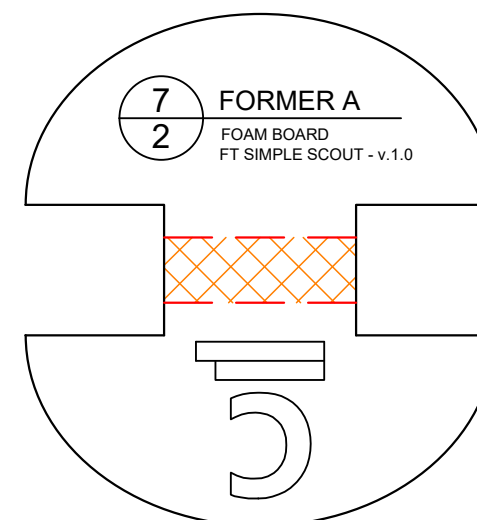
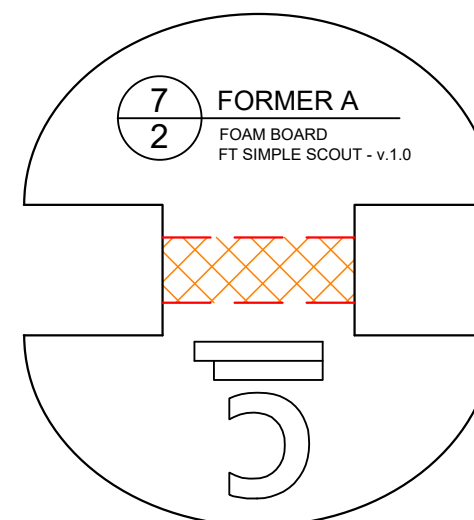
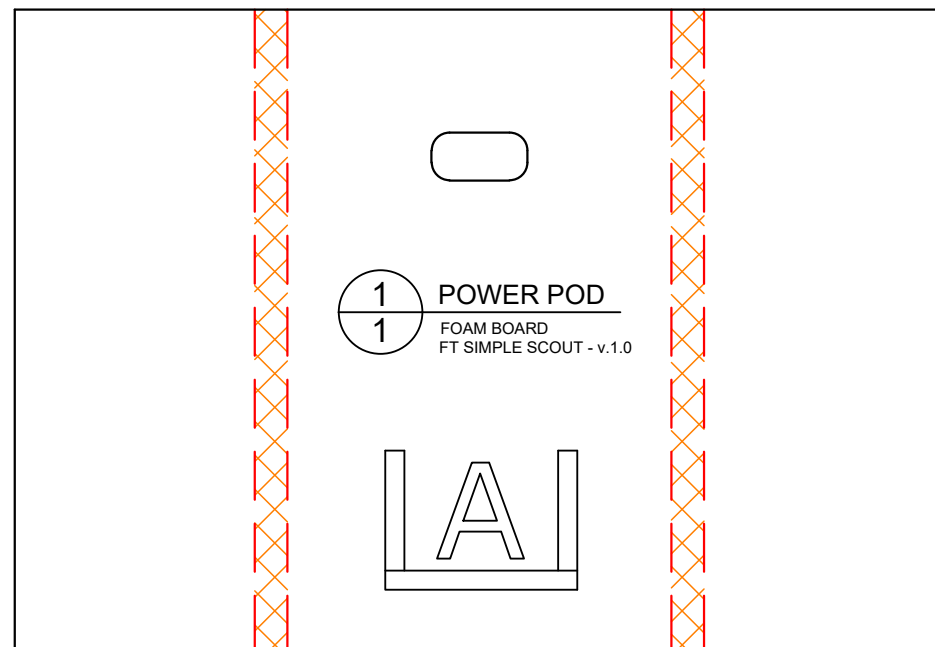
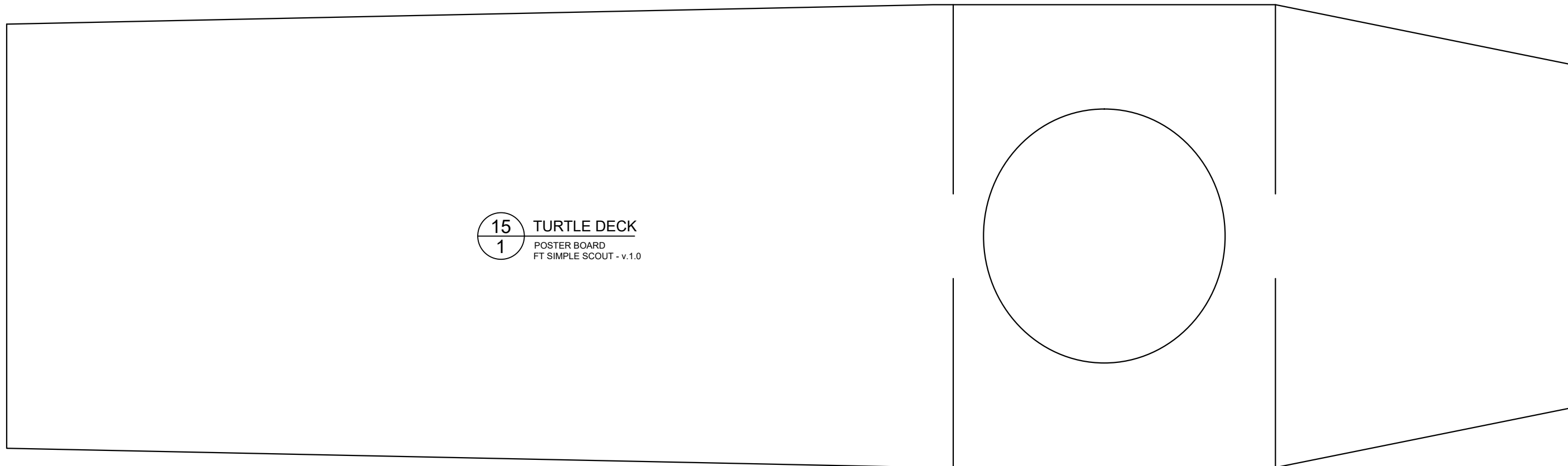


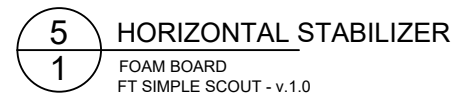
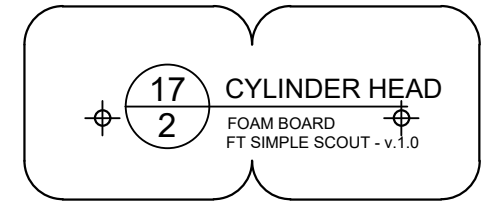
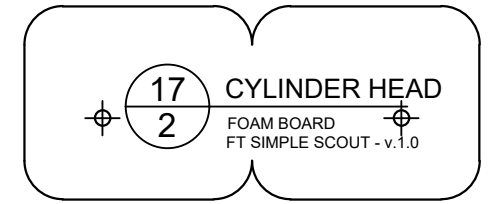
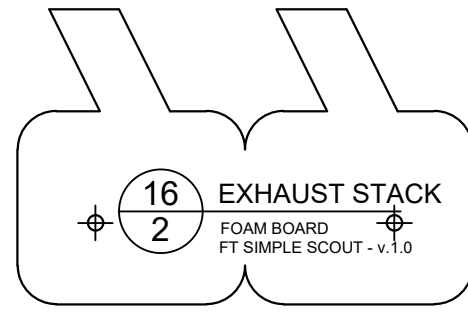
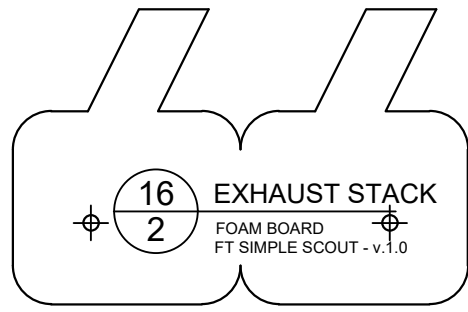


**11A** BOMB SIDE A  
FOAM BOARD  
FT SIMPLE SCOUT - v.1.0

REMOVE  
INSERT 2  
NICKLES



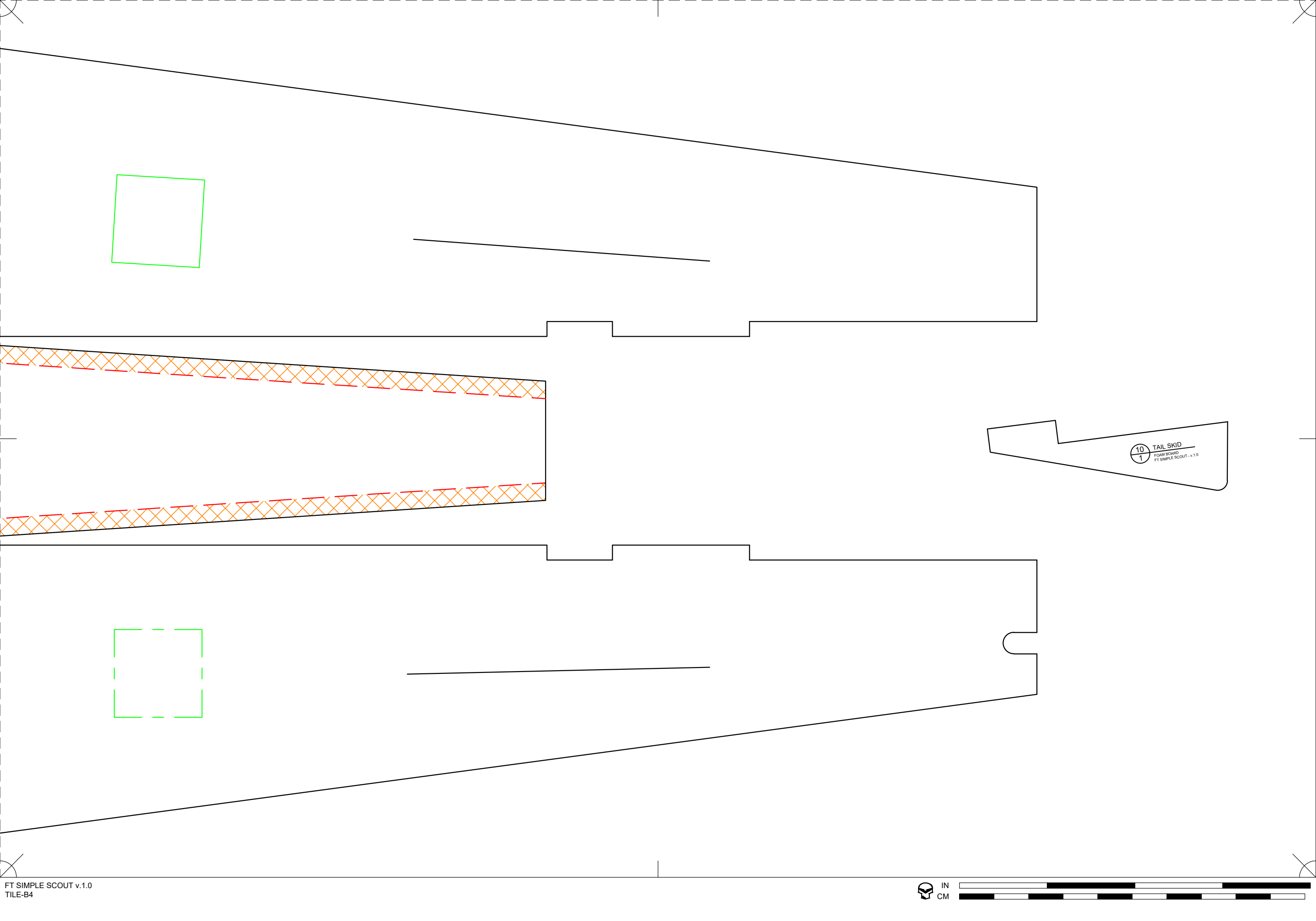


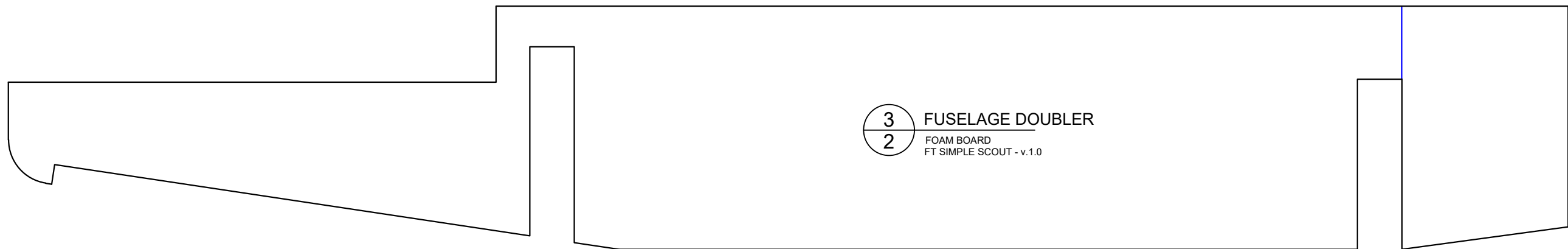
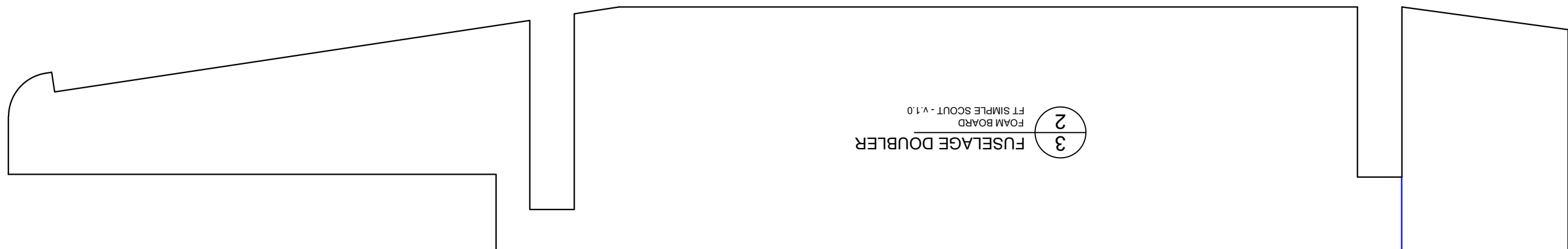
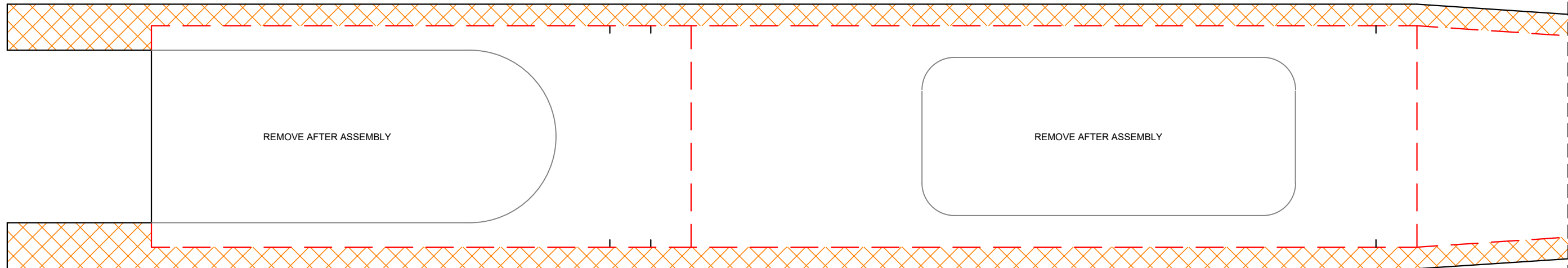


45° SINGLE BEVEL











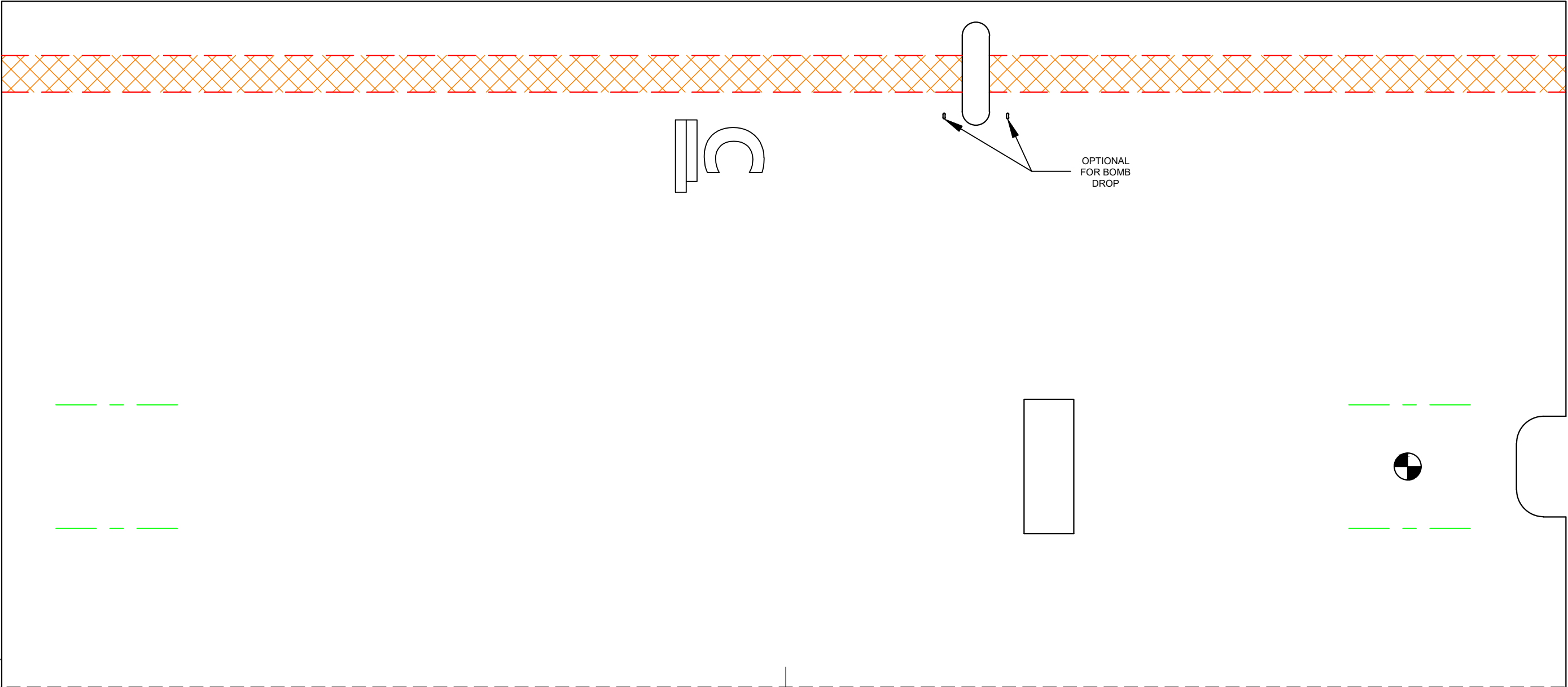
IN  
CM

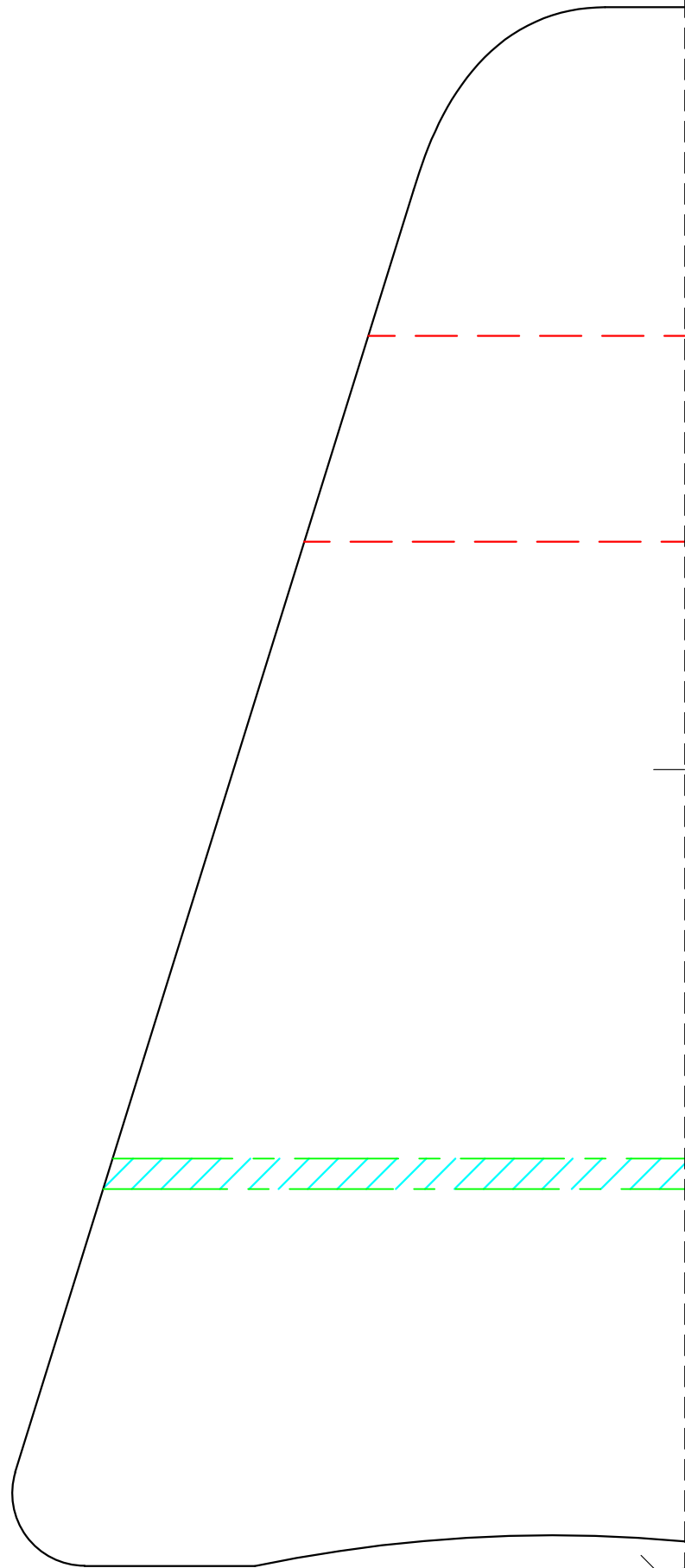
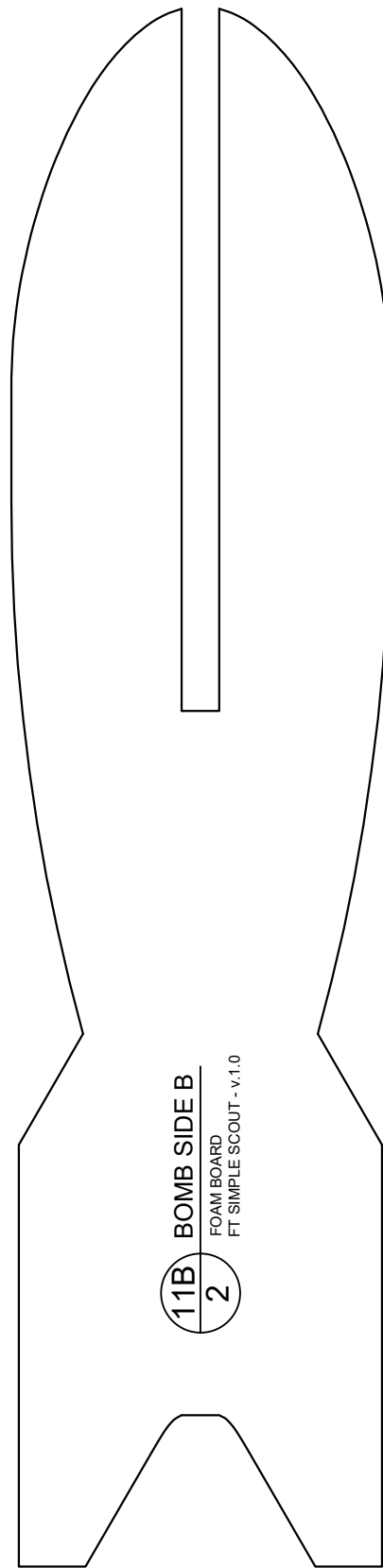
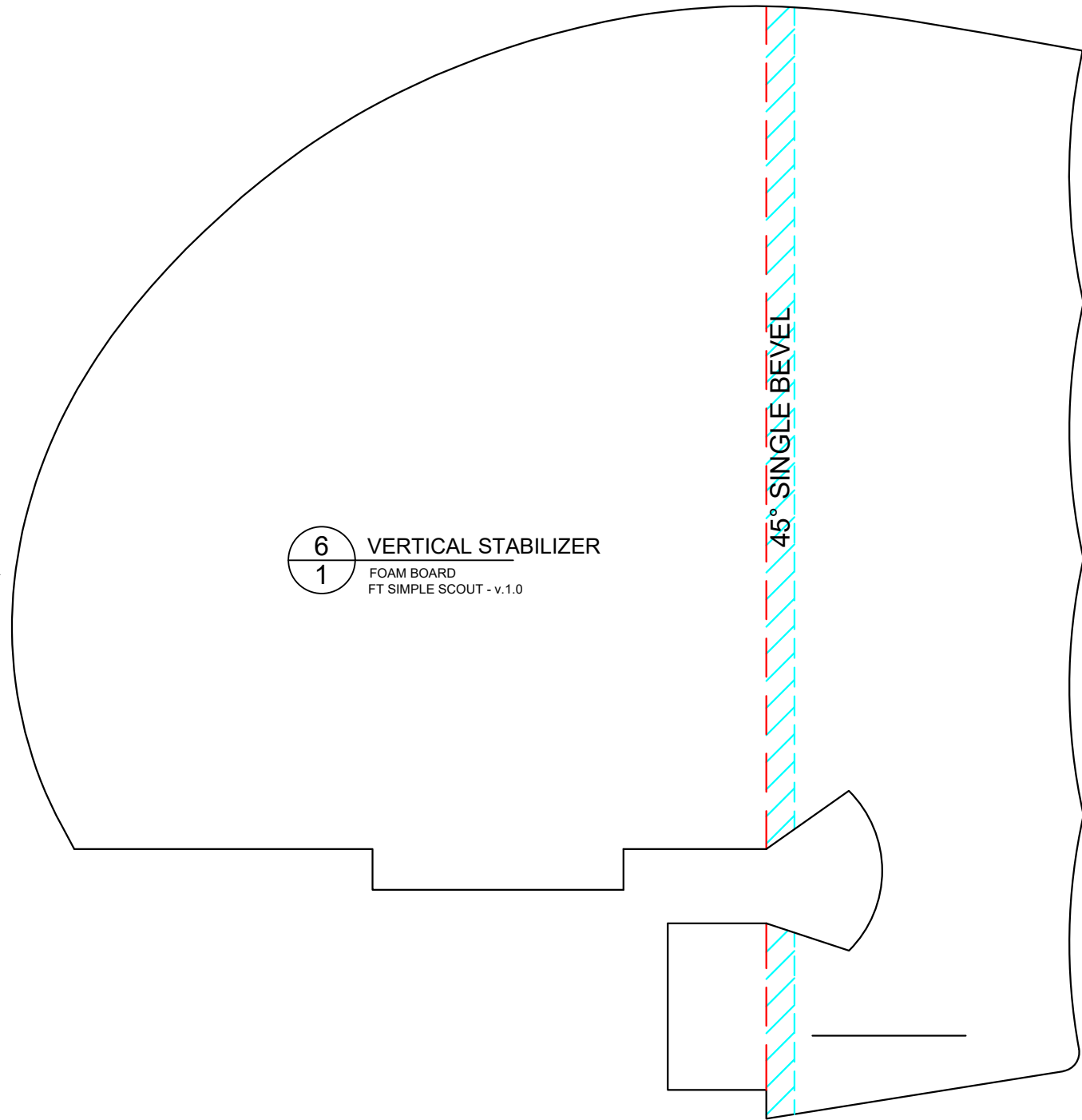


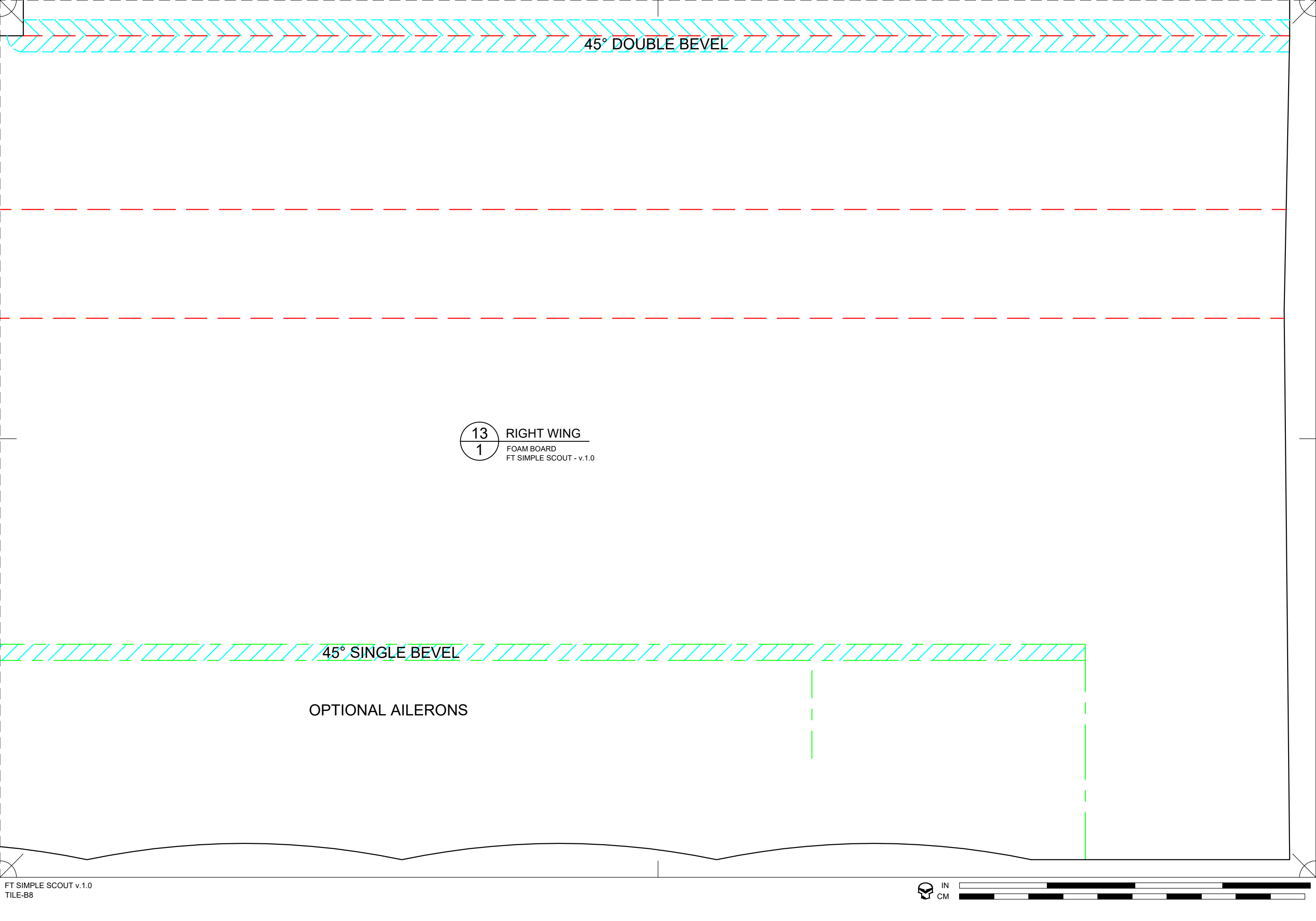
4  
1

FUSELAGE BOTTOM

FOAM BOARD  
FT SIMPLE SCOUT - v.1.0





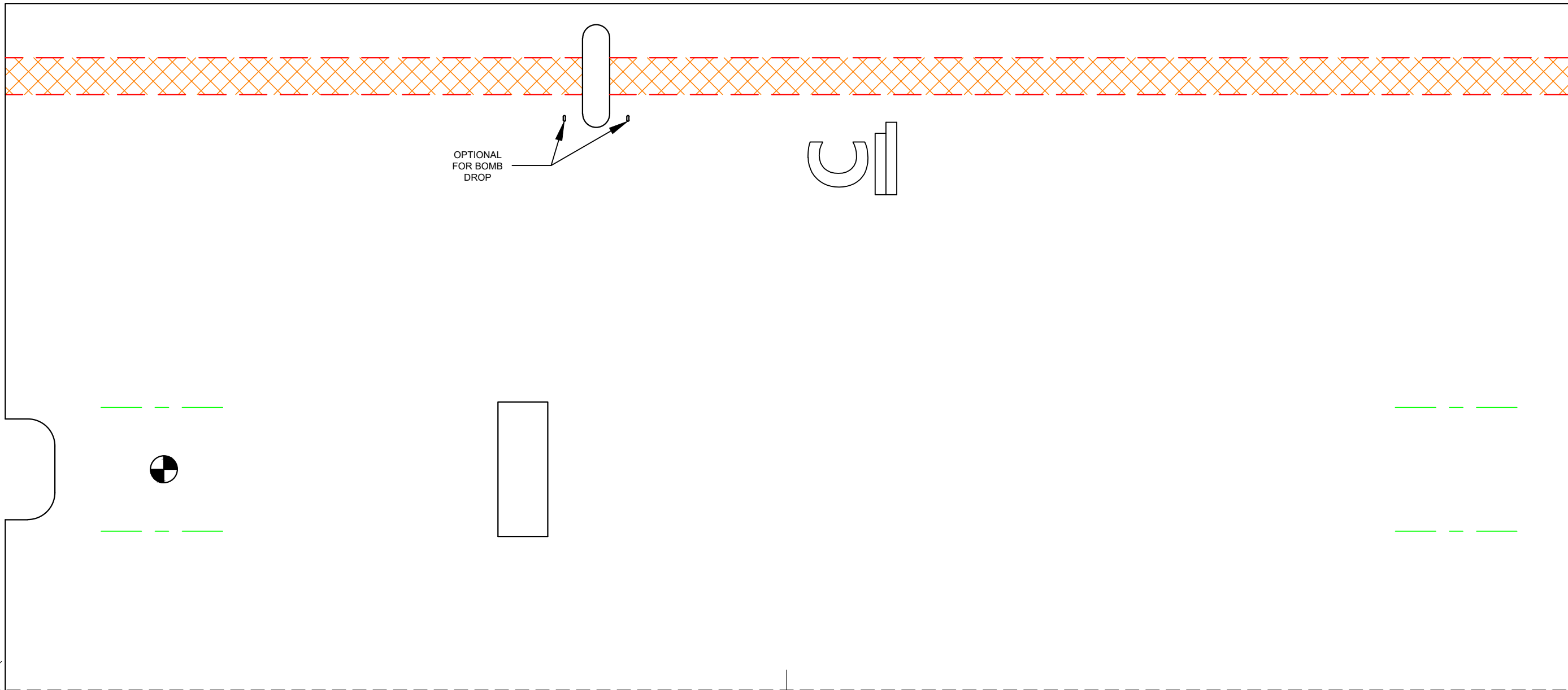
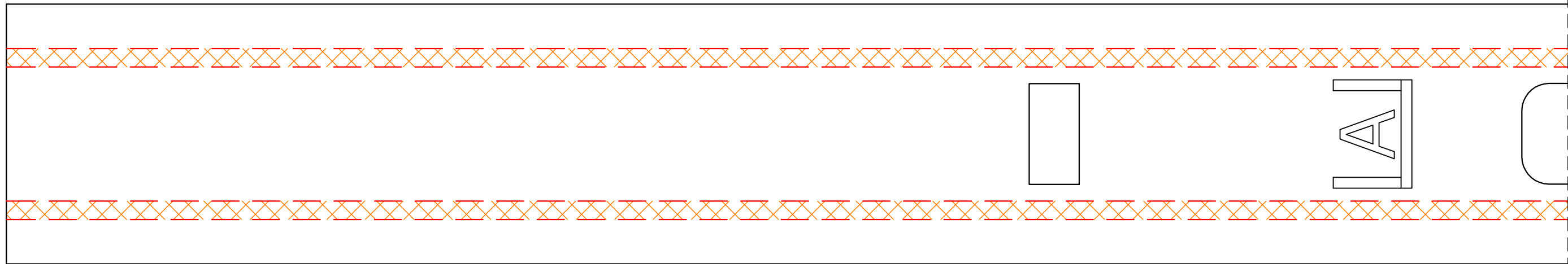


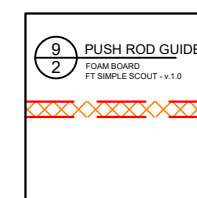
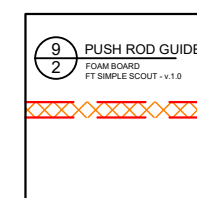
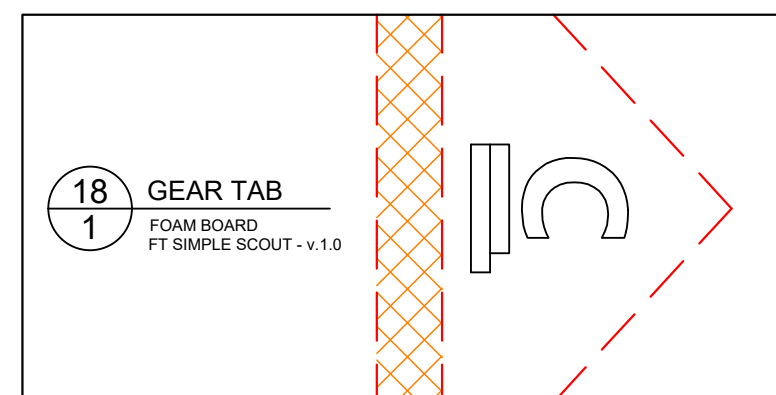
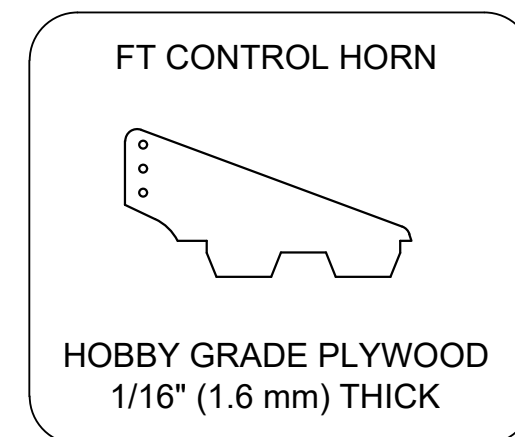
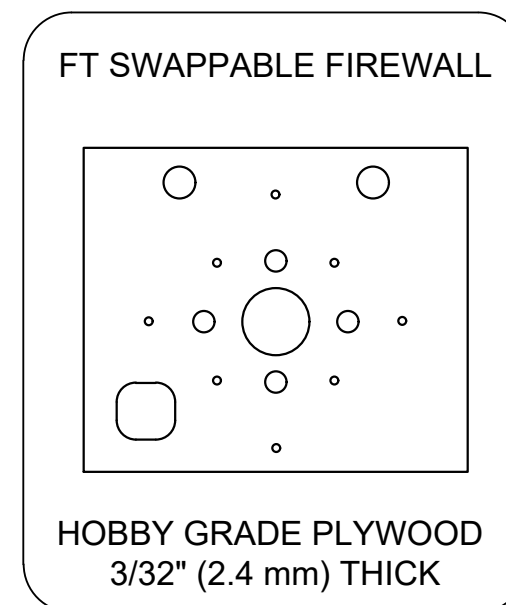
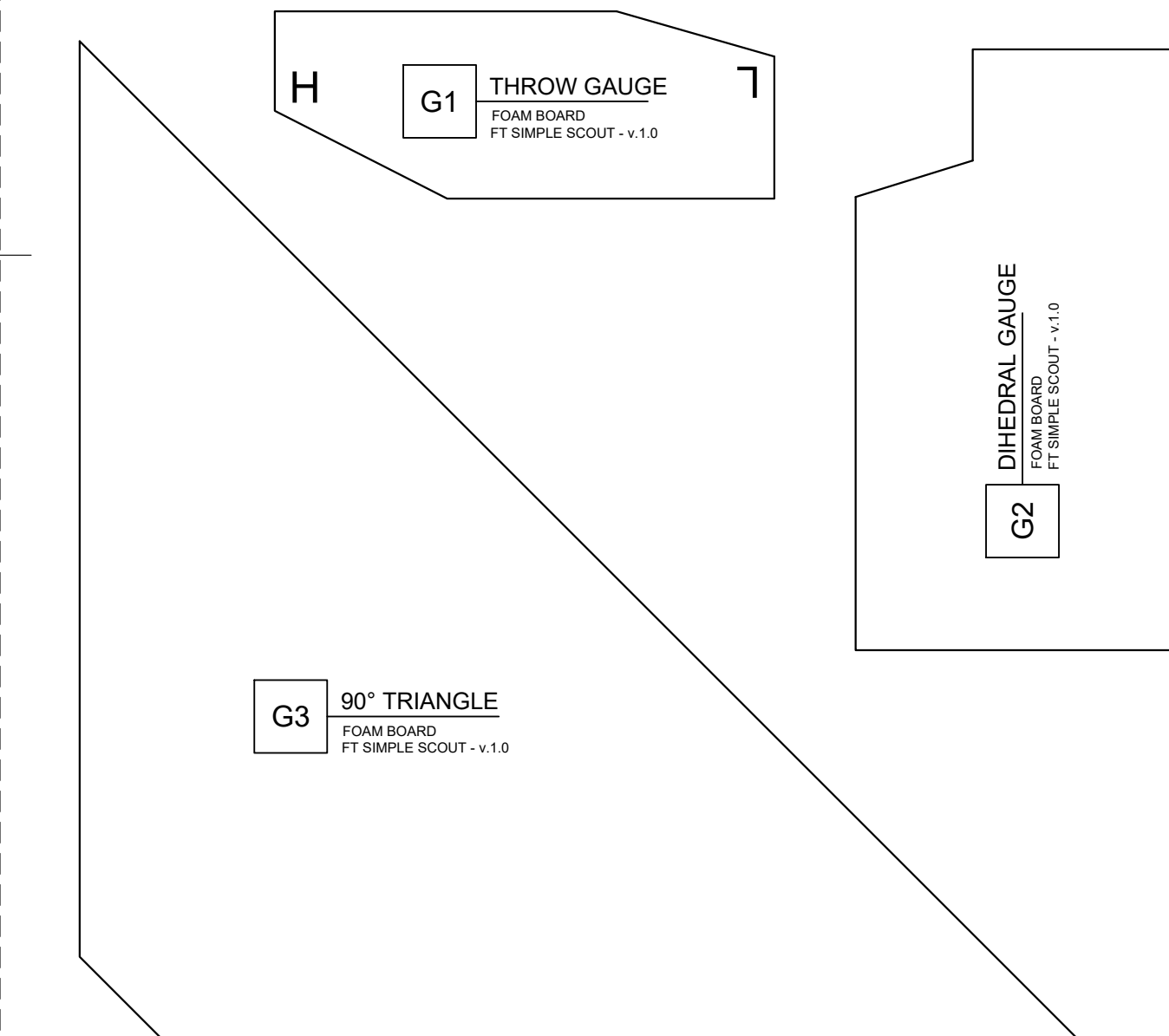
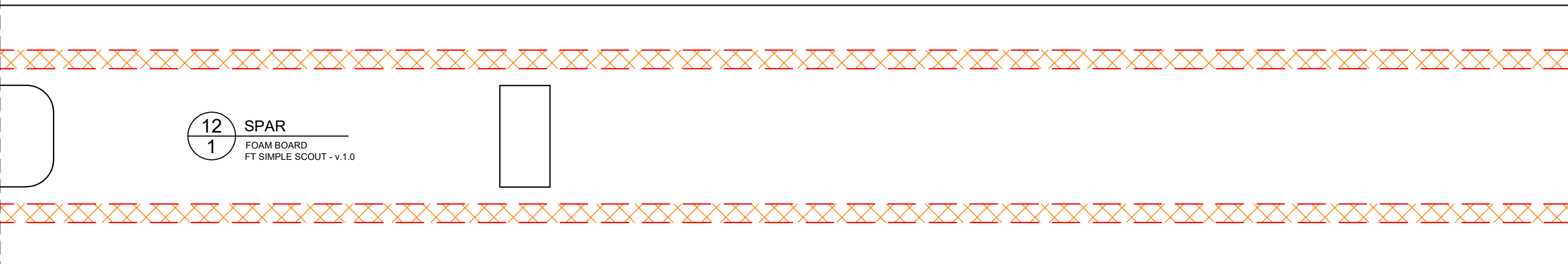
45° DOUBLE BEVEL

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

