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FT EZ Glider

Designed By: Josh Bixler

Plans By: Dan Sponholz

Version: 1.0

Date: 2019.02.13



GENERAL SPECIFICATIONS:

LENGTH:	20.00 in	508 mm
CG:	1.50 in	38 mm
WINGSPAN:	28.00 in	711 mm
WING AREA:	140.3 in ²	9.1 dm ²
ALL UP WEIGHT:	4.0 oz.	114 g
WING LOADING:	4.1 oz/ft ²	12 g/dm ²
WCL:	4.2	

BUILD SKILL LEVEL:

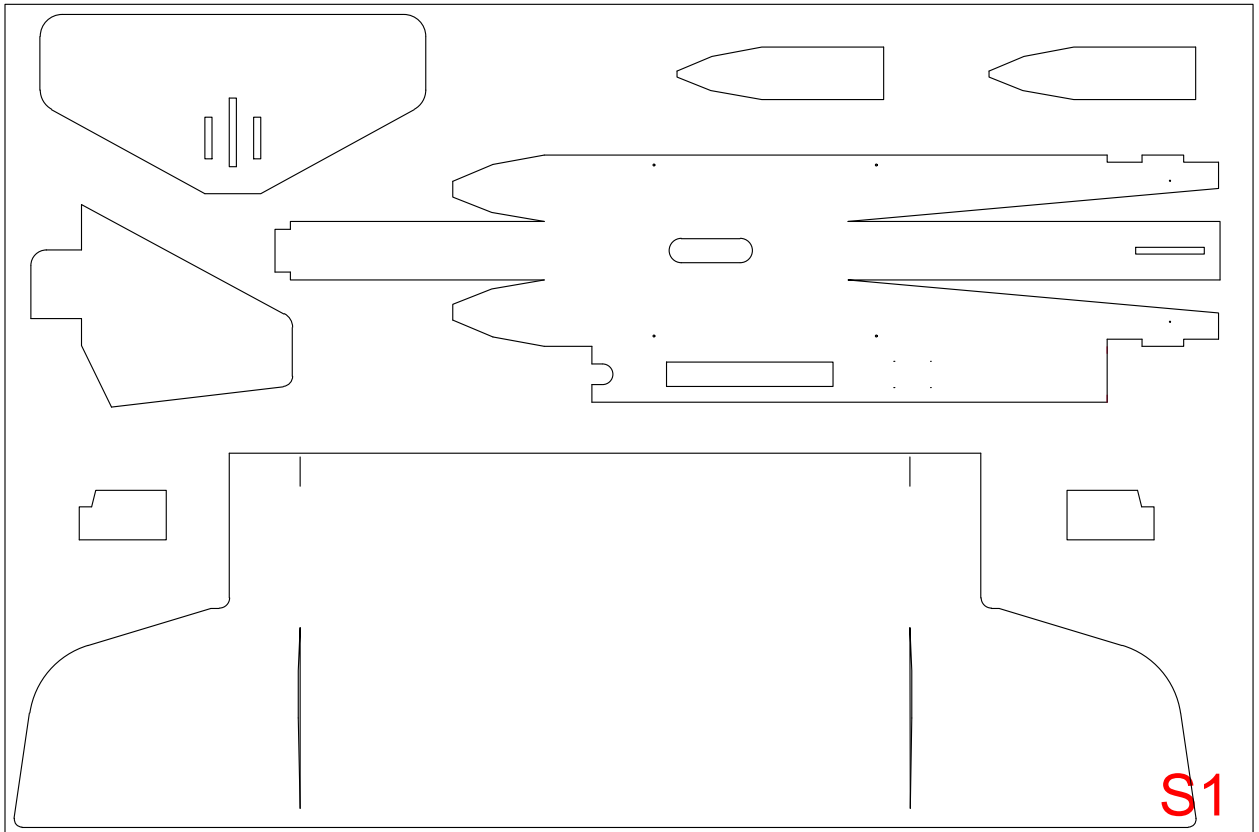


PILOT SKILL LEVEL:



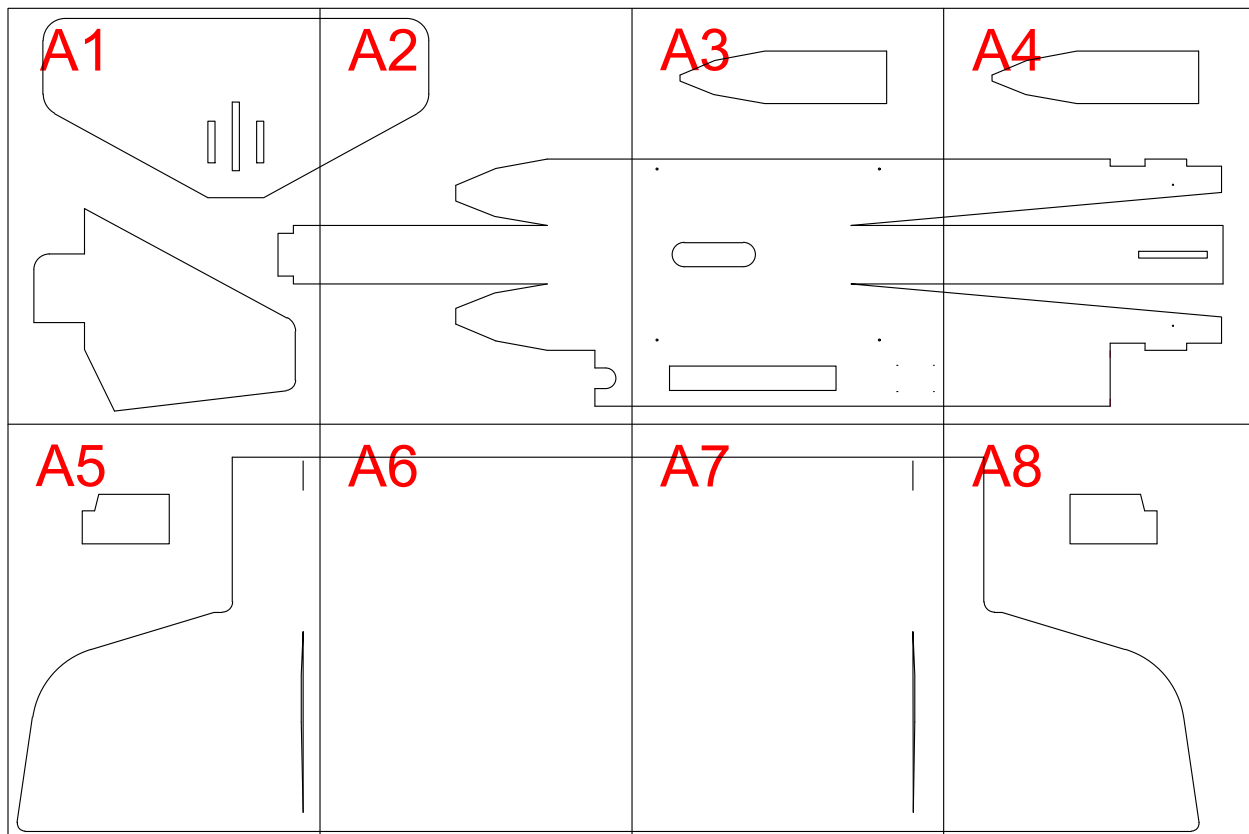


FT EZ Glider: Full-Size Key



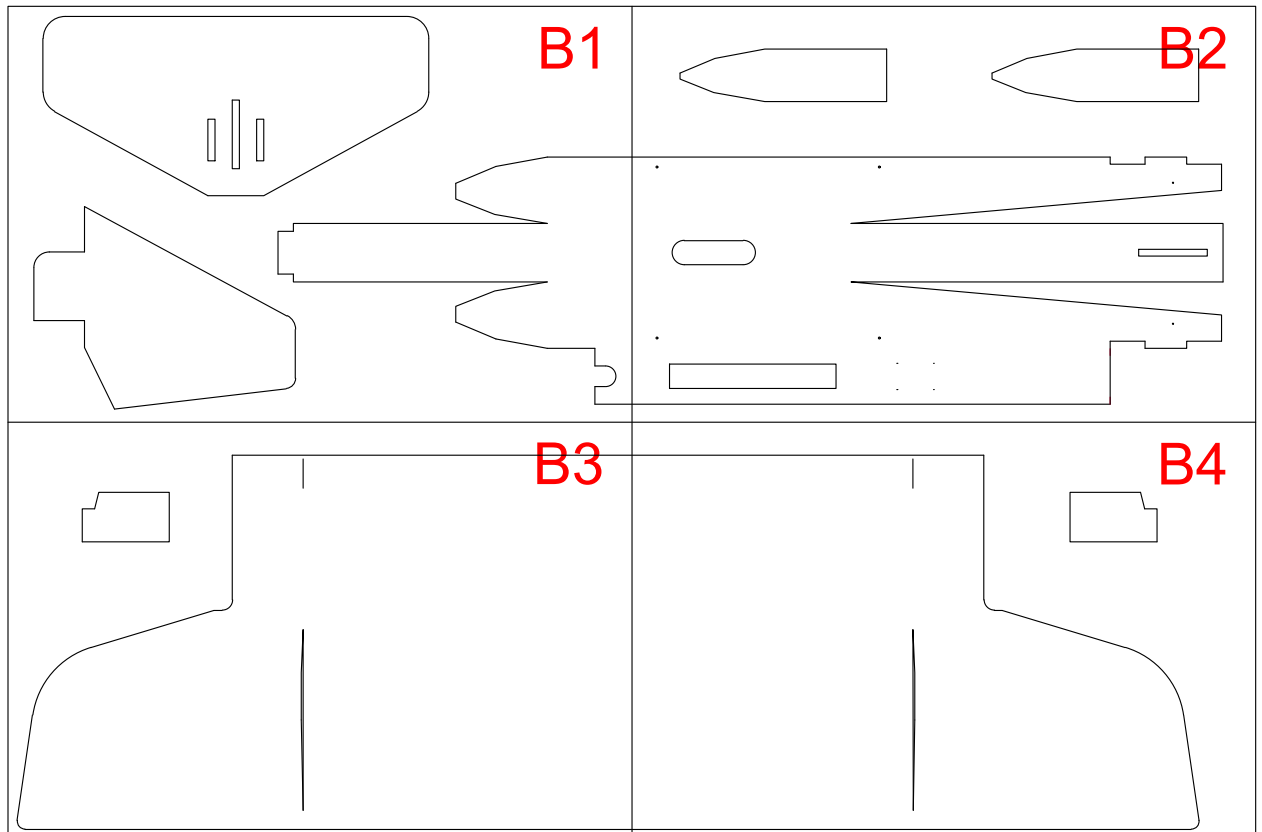


FT EZ Glider: Tile A Key





FT EZ Glider: Tile B Key

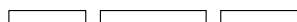
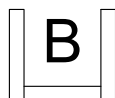
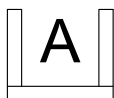




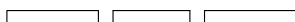
Drawing Key



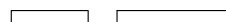
FOLD TYPES



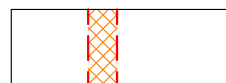
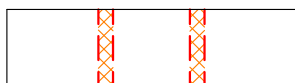
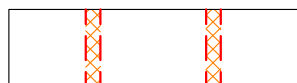
A - FOLD (ABOVE)



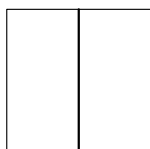
B - FOLD (BESIDE)



C - FOLD (COVER)



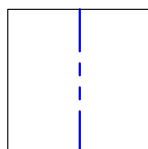
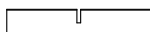
LINE TYPE/COLOR



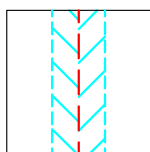
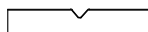
CUT



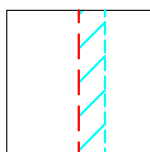
50% SCORE



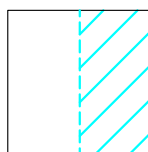
CREASE



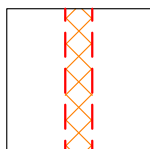
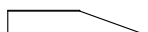
45° DOUBLE
BEVEL



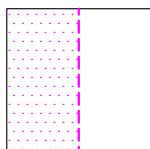
45° SINGLE
BEVEL



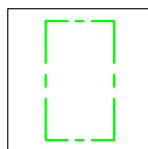
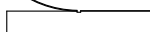
EDGE
BEVEL



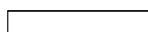
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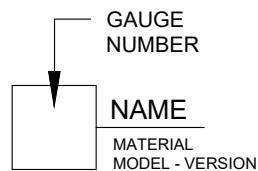
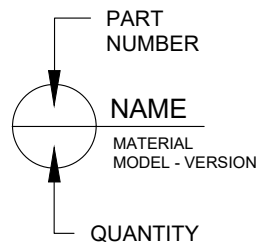
REMOVE
PAPER



REFERENCE/
OPTIONAL



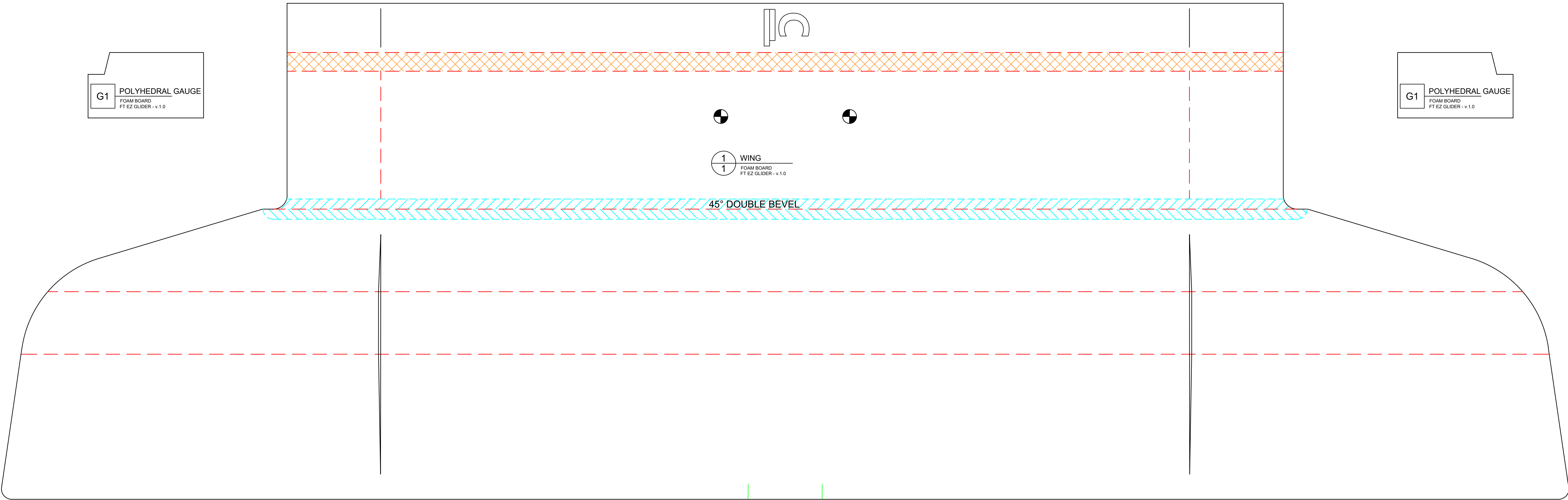
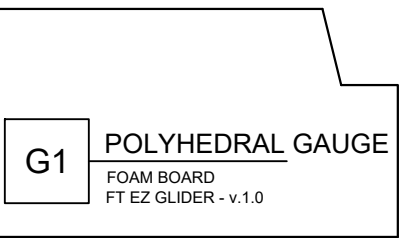
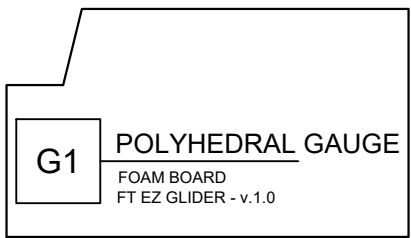
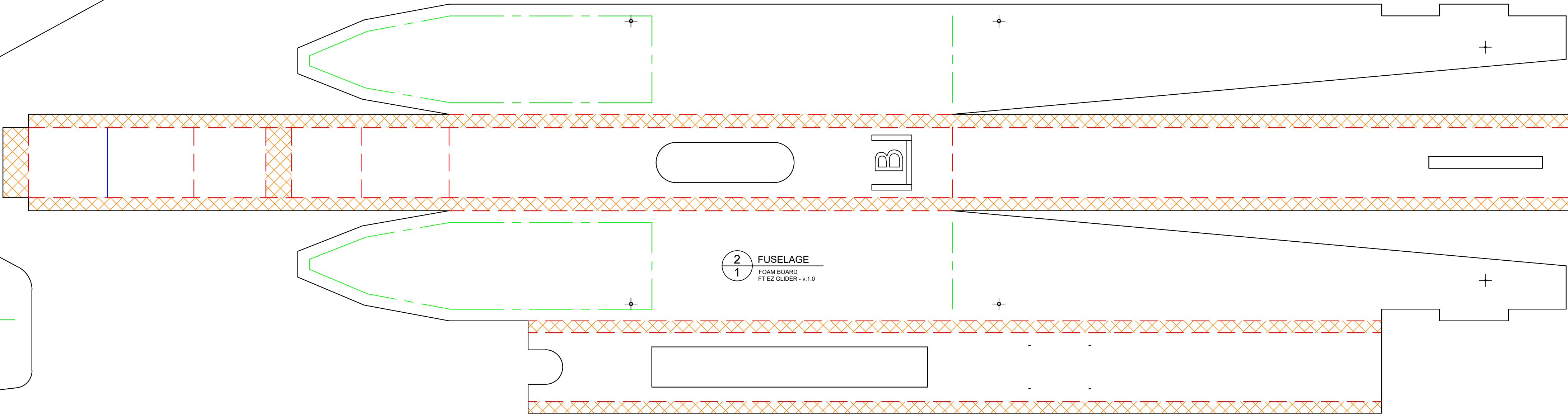
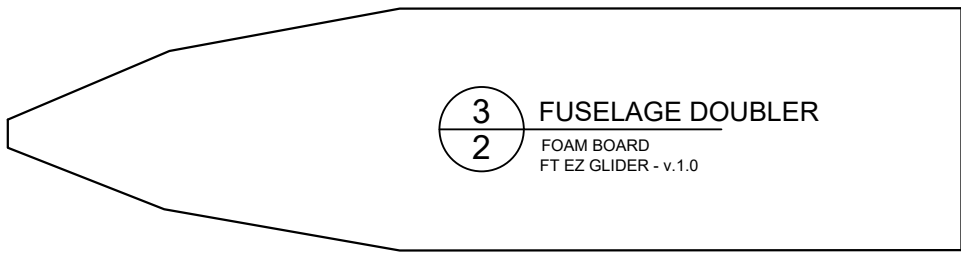
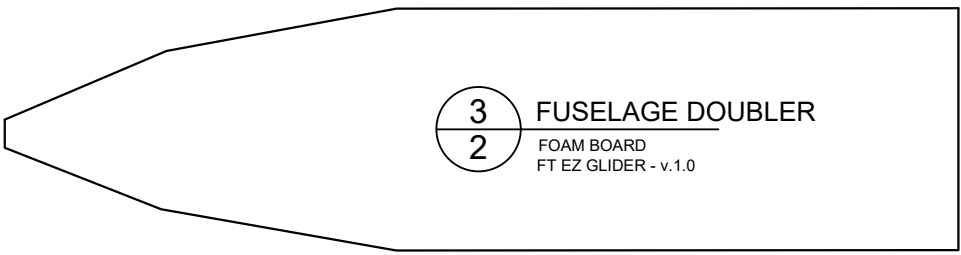
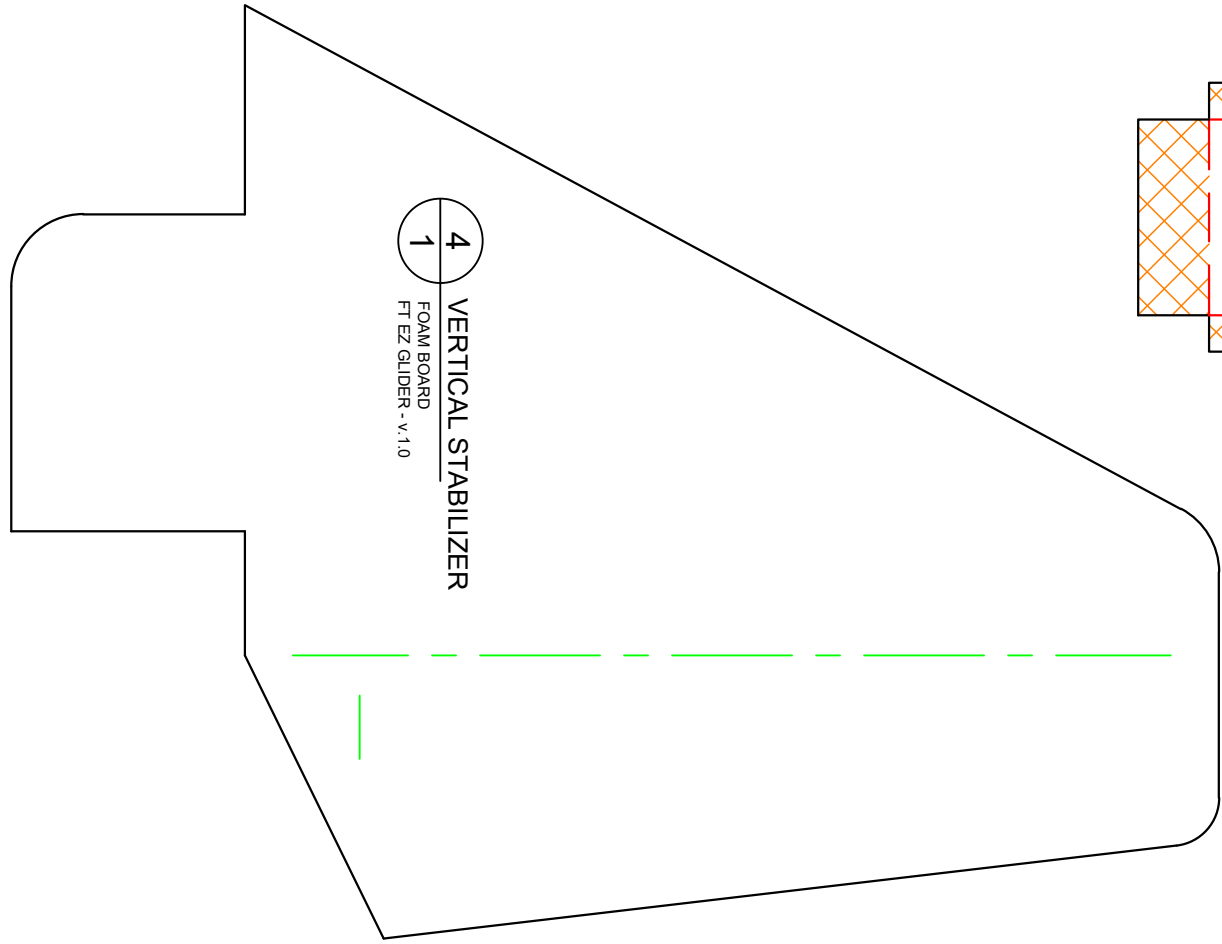
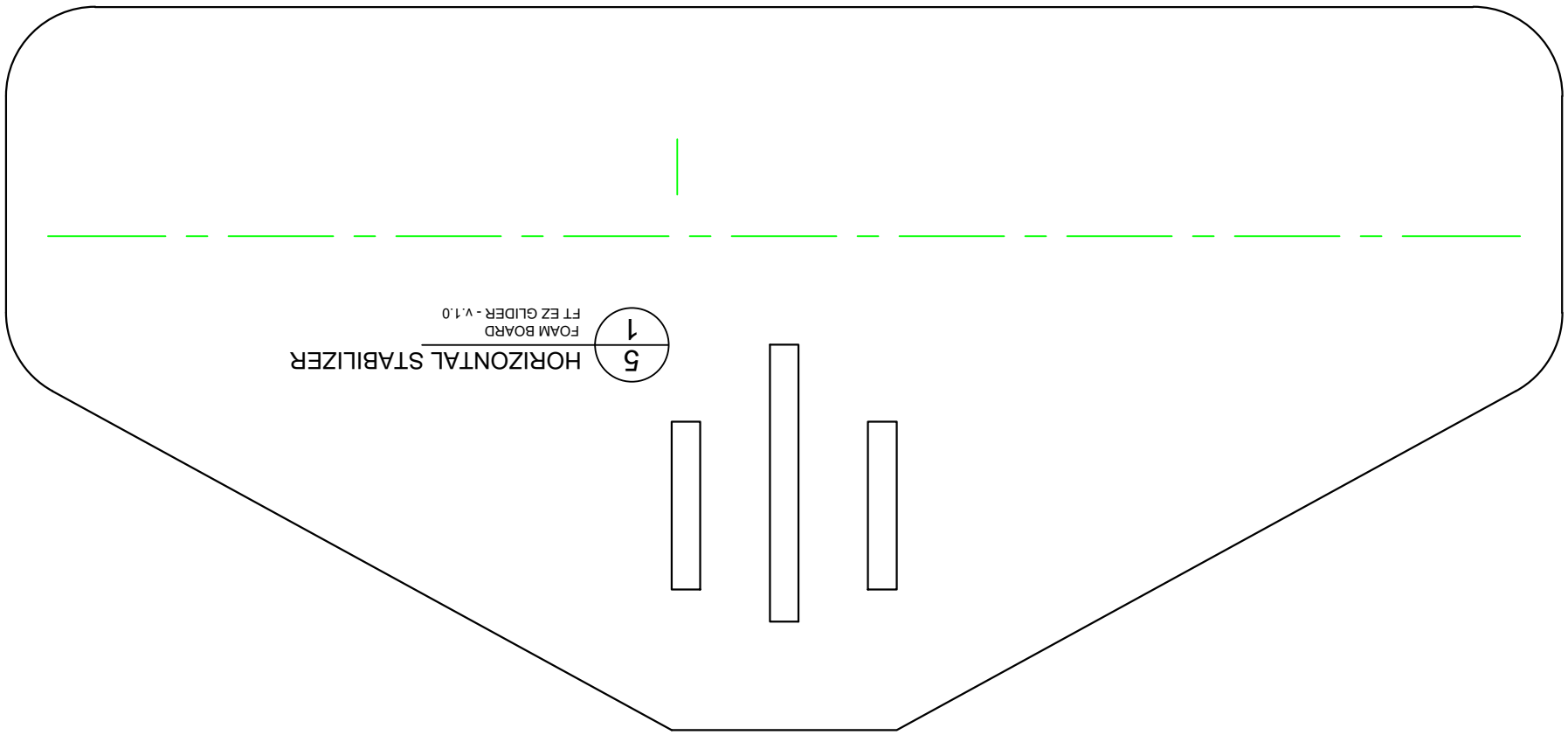
SYMBOLS

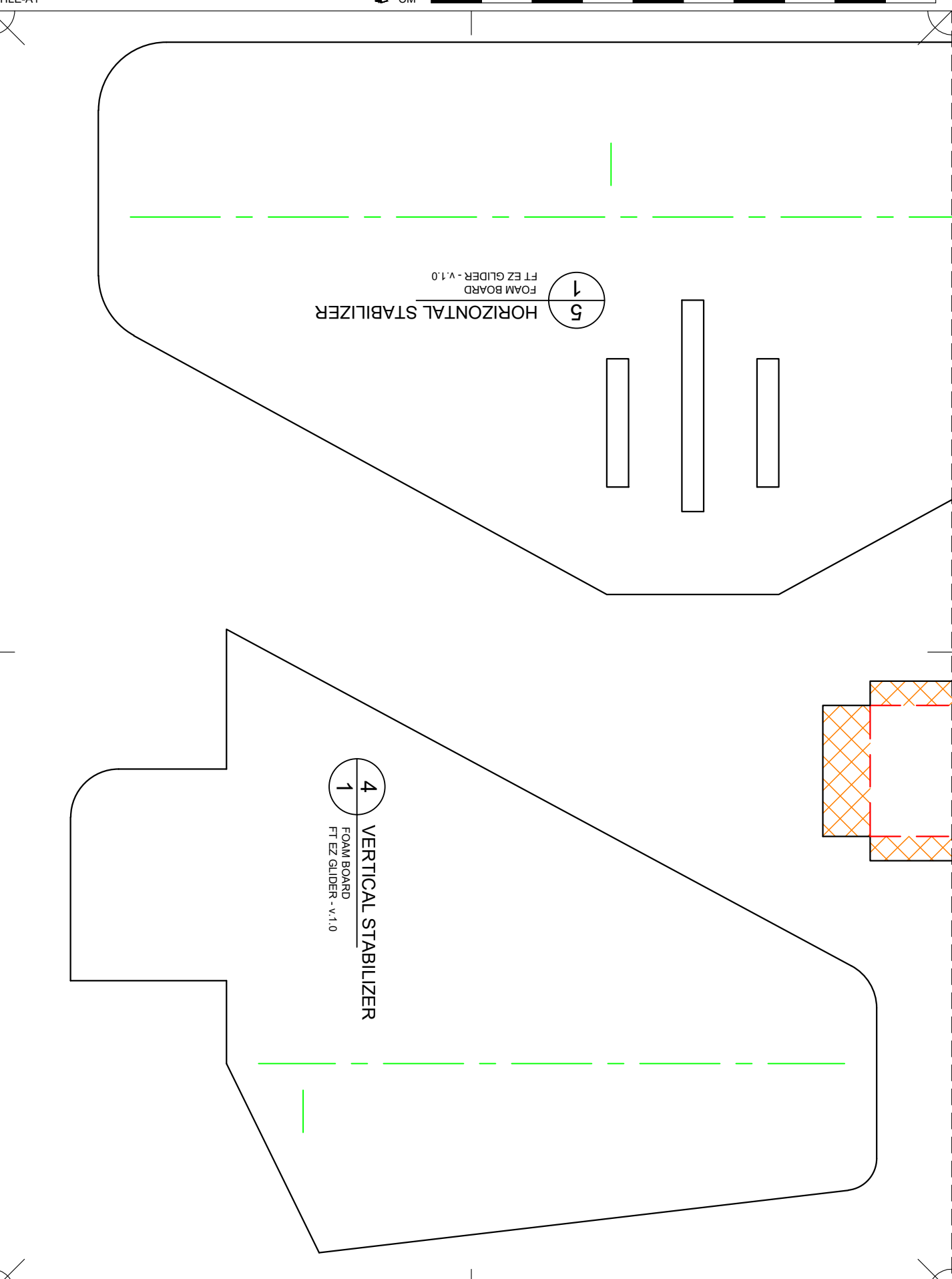


CENTER
OF
GRAVITY
(CG)

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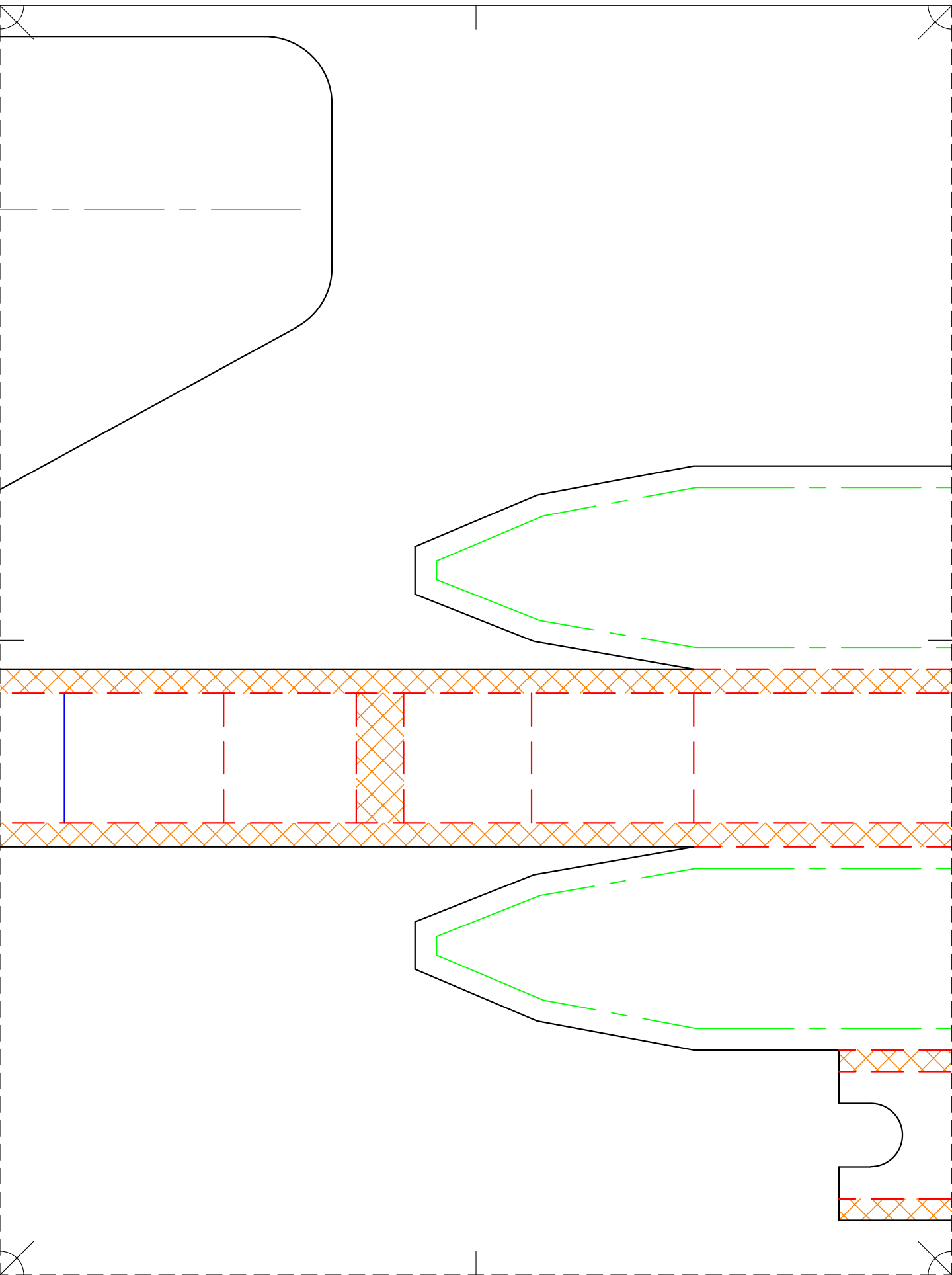


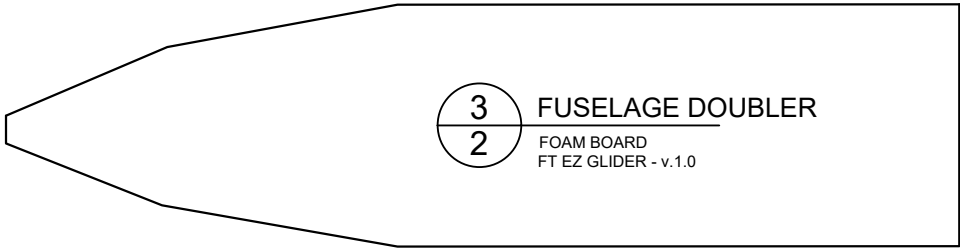
5
1
FOAM BOARD
FT EZ GLIDER - v.1.0
HORIZONTAL STABILIZER

4
1
FOAM BOARD
FT EZ GLIDER - v.1.0
VERTICAL STABILIZER



IN
CM

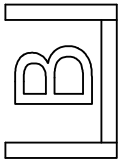




3
2

FUSELAGE DOUBLER

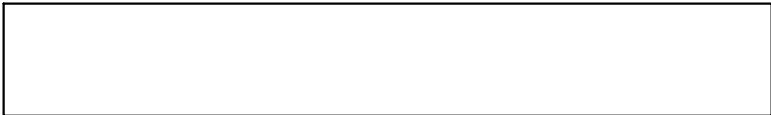
FOAM BOARD
FT EZ GLIDER - v.1.0



2
1

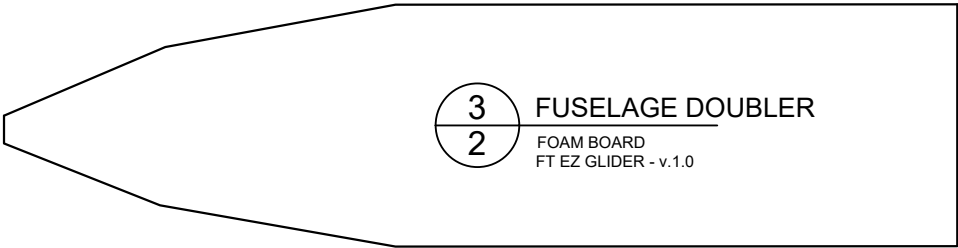
FUSELAGE

FOAM BOARD
FT EZ GLIDER - v.1.0





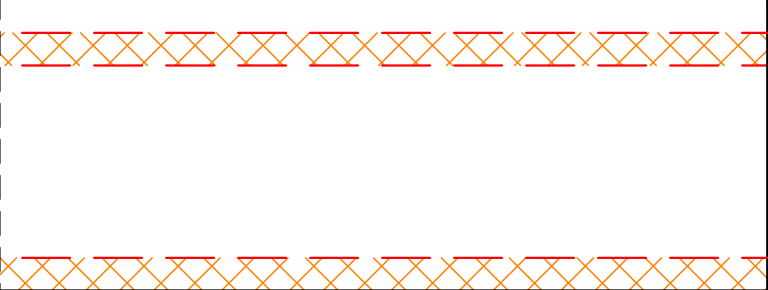
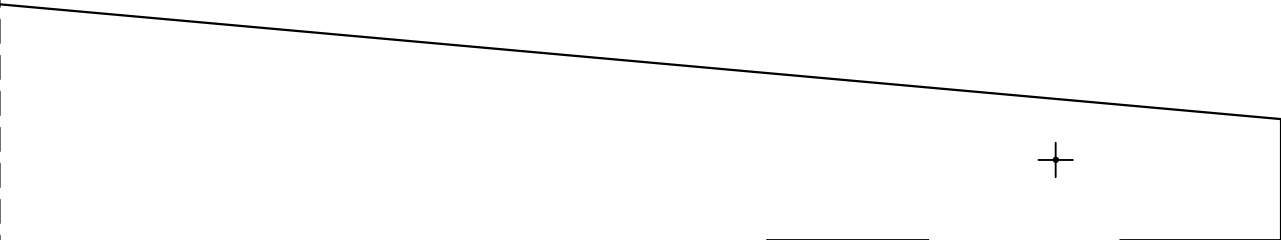
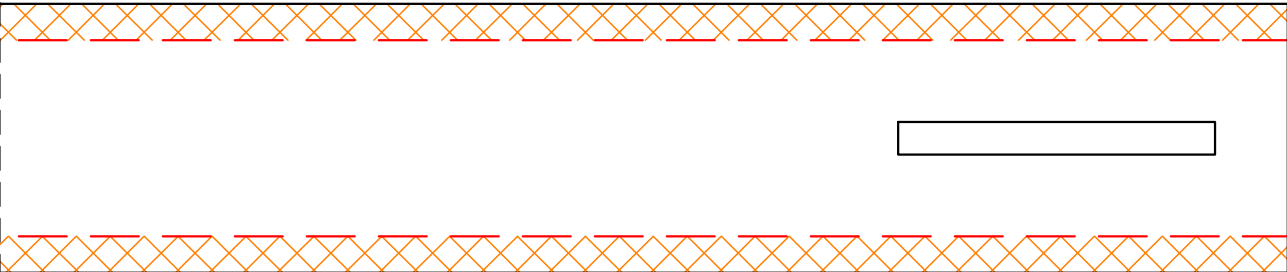
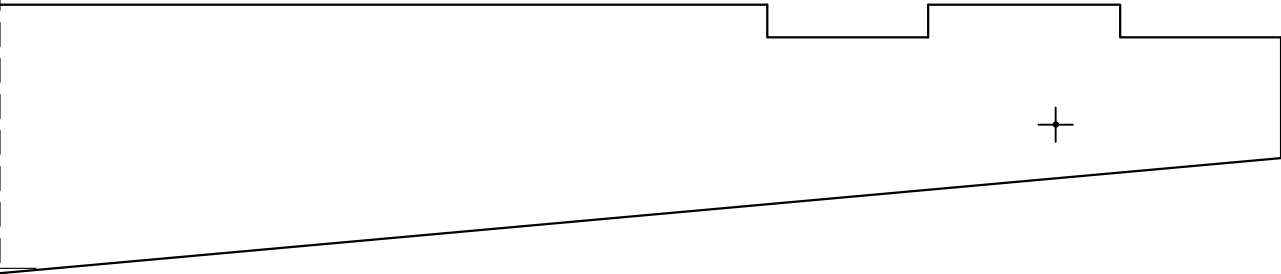
IN
CM



3
2

FUSELAGE DOUBLER

FOAM BOARD
FT EZ GLIDER - v.1.0

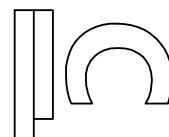


G1

POLYHEDRAL GAUGE

FOAM BOARD
FT EZ GLIDER - v.1.0

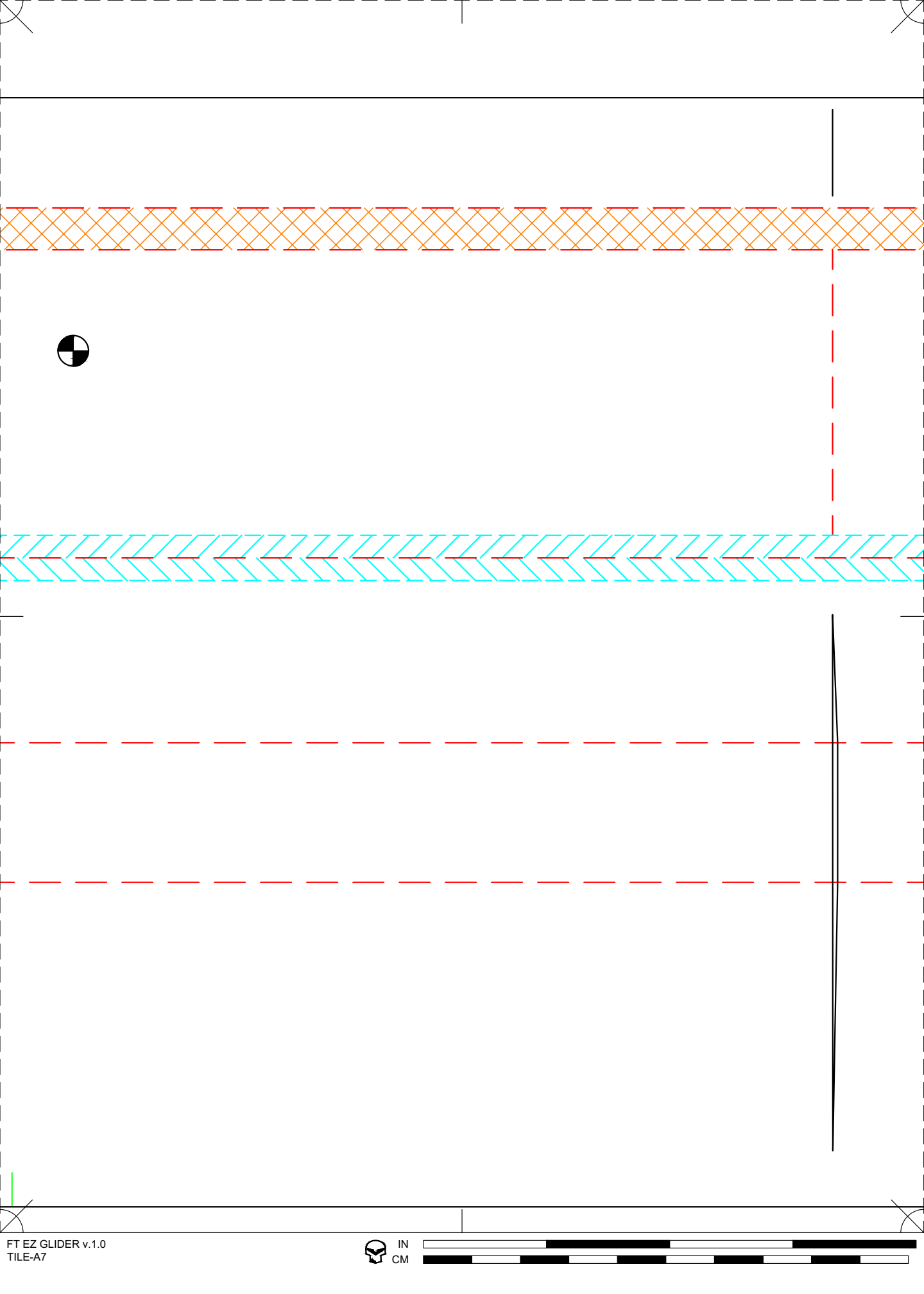


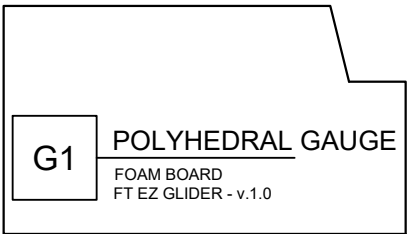
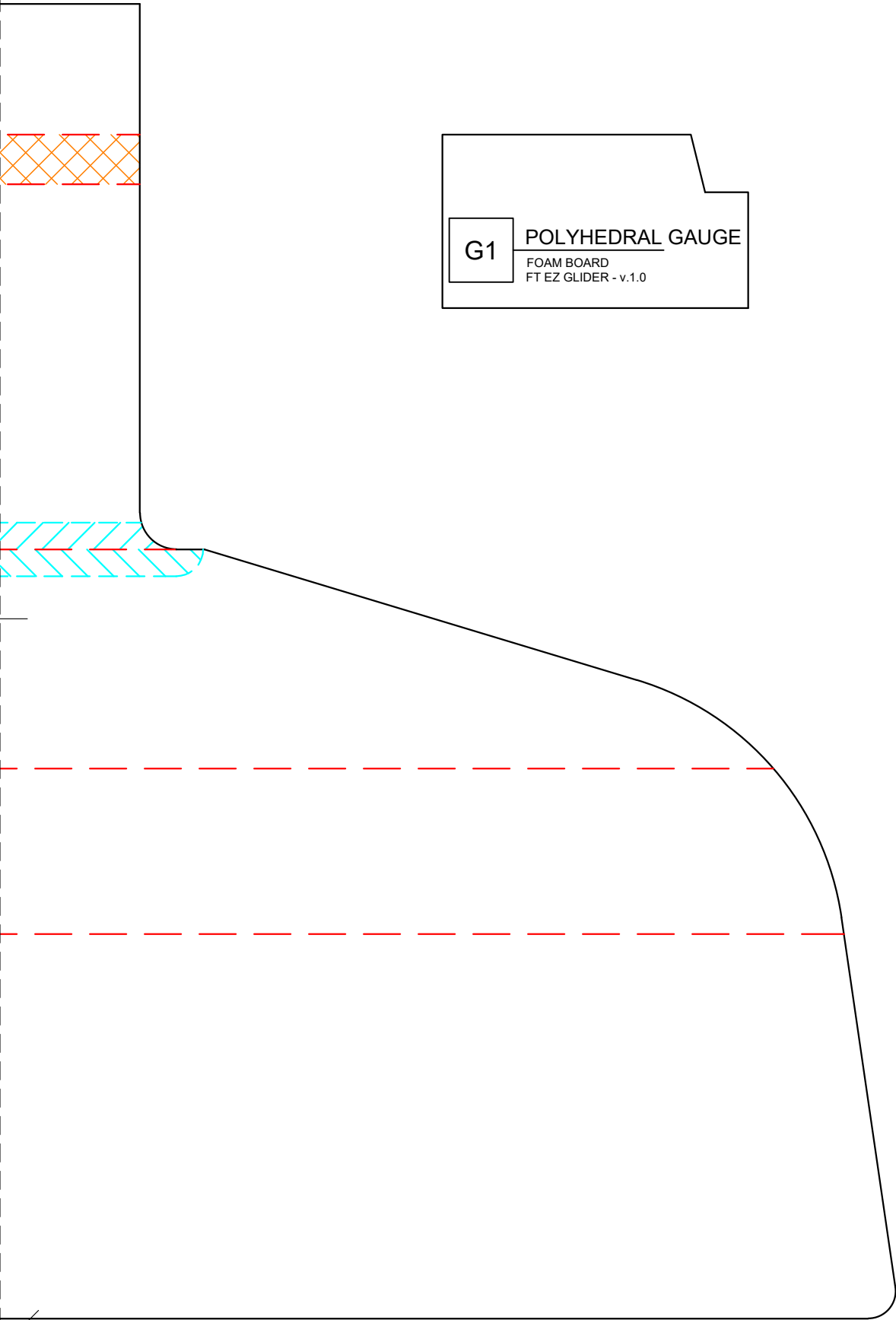


1 WING
1 FOAM BOARD
FT EZ GLIDER - v.1.0

45° DOUBLE BEVEL

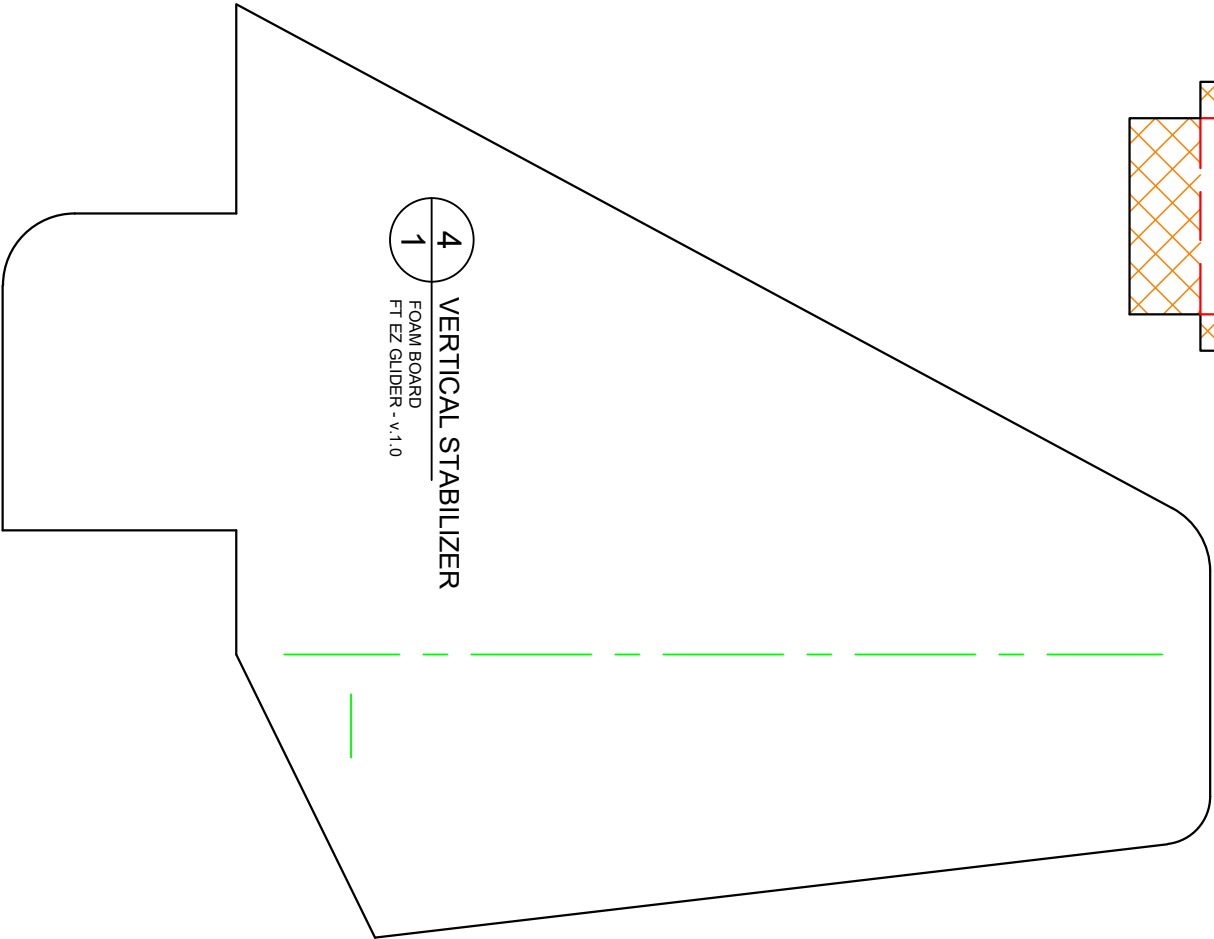
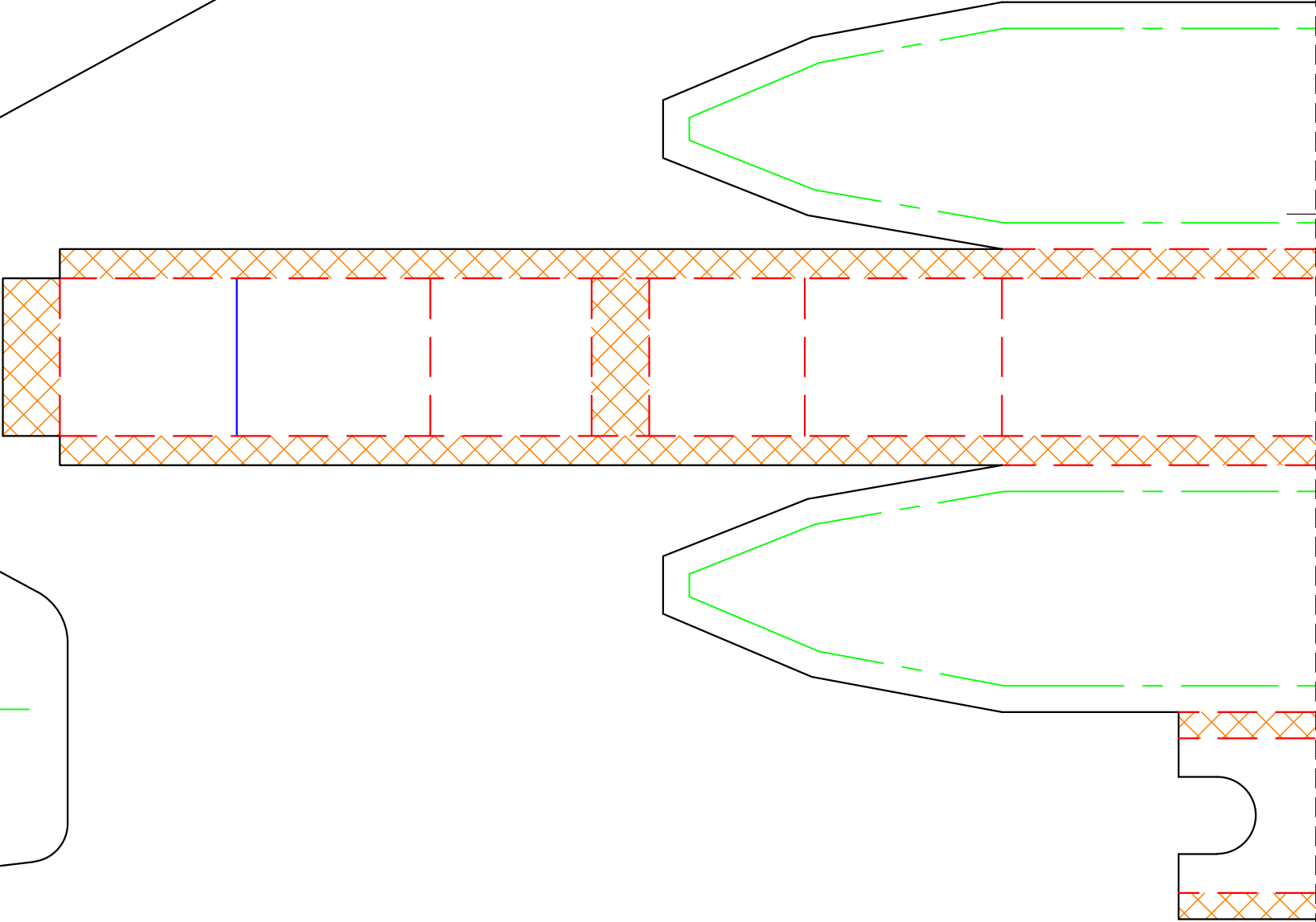
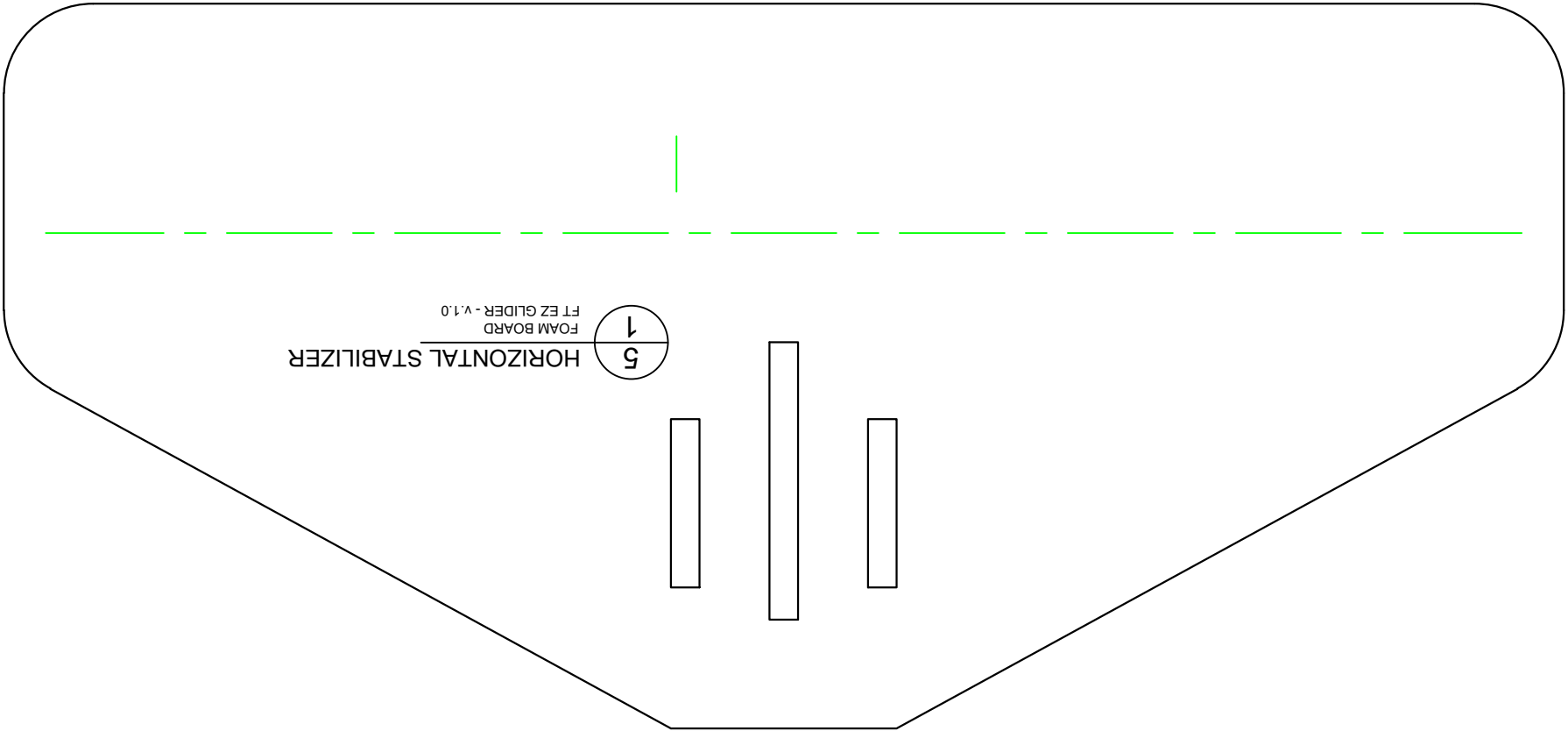


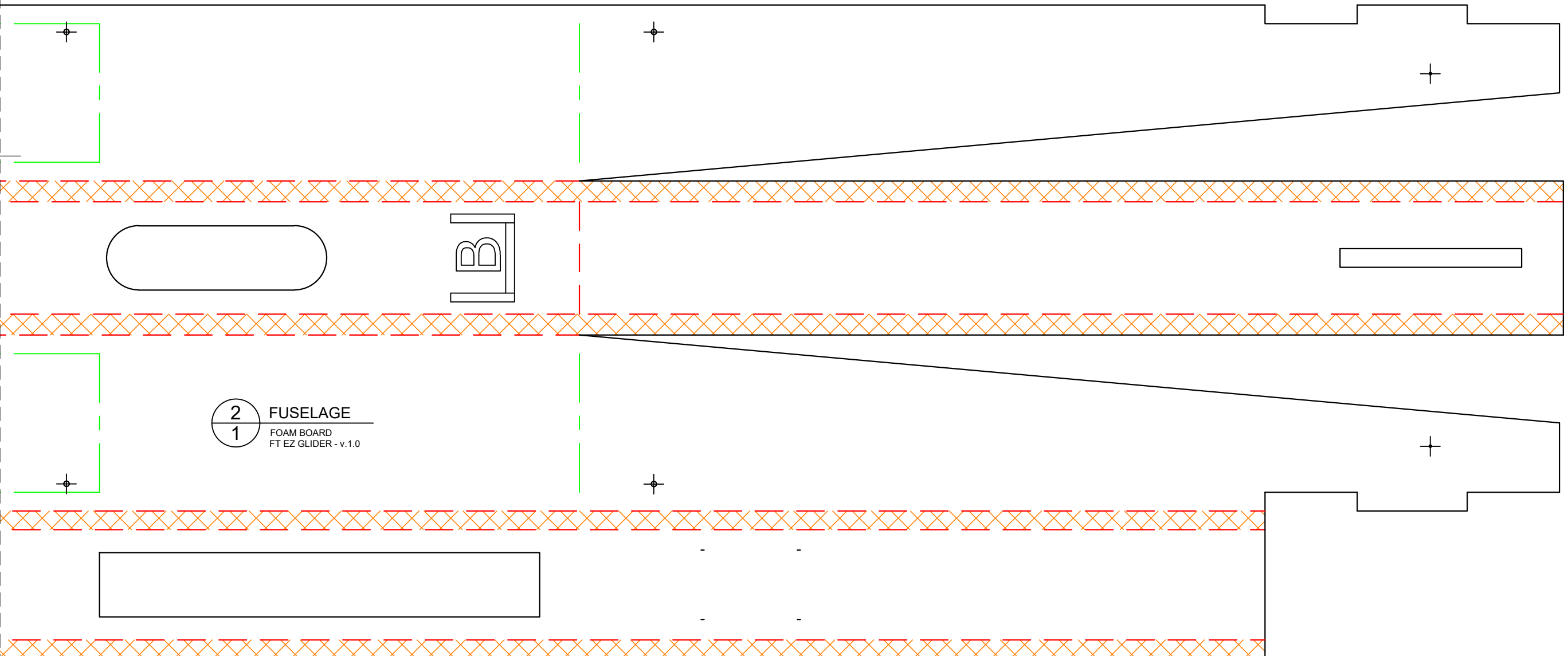
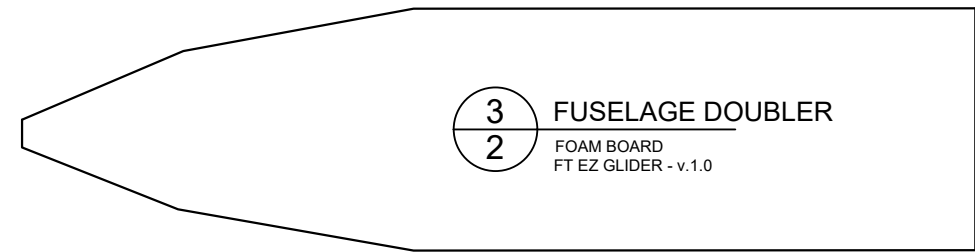
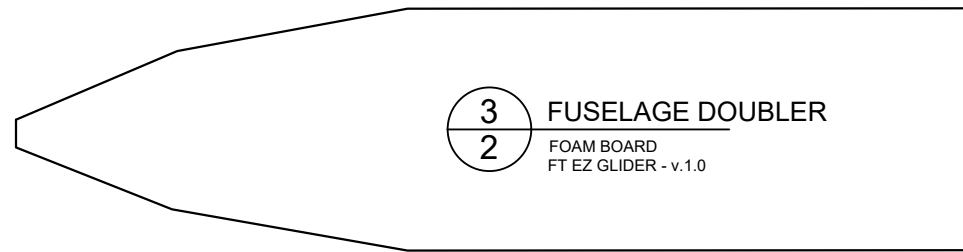


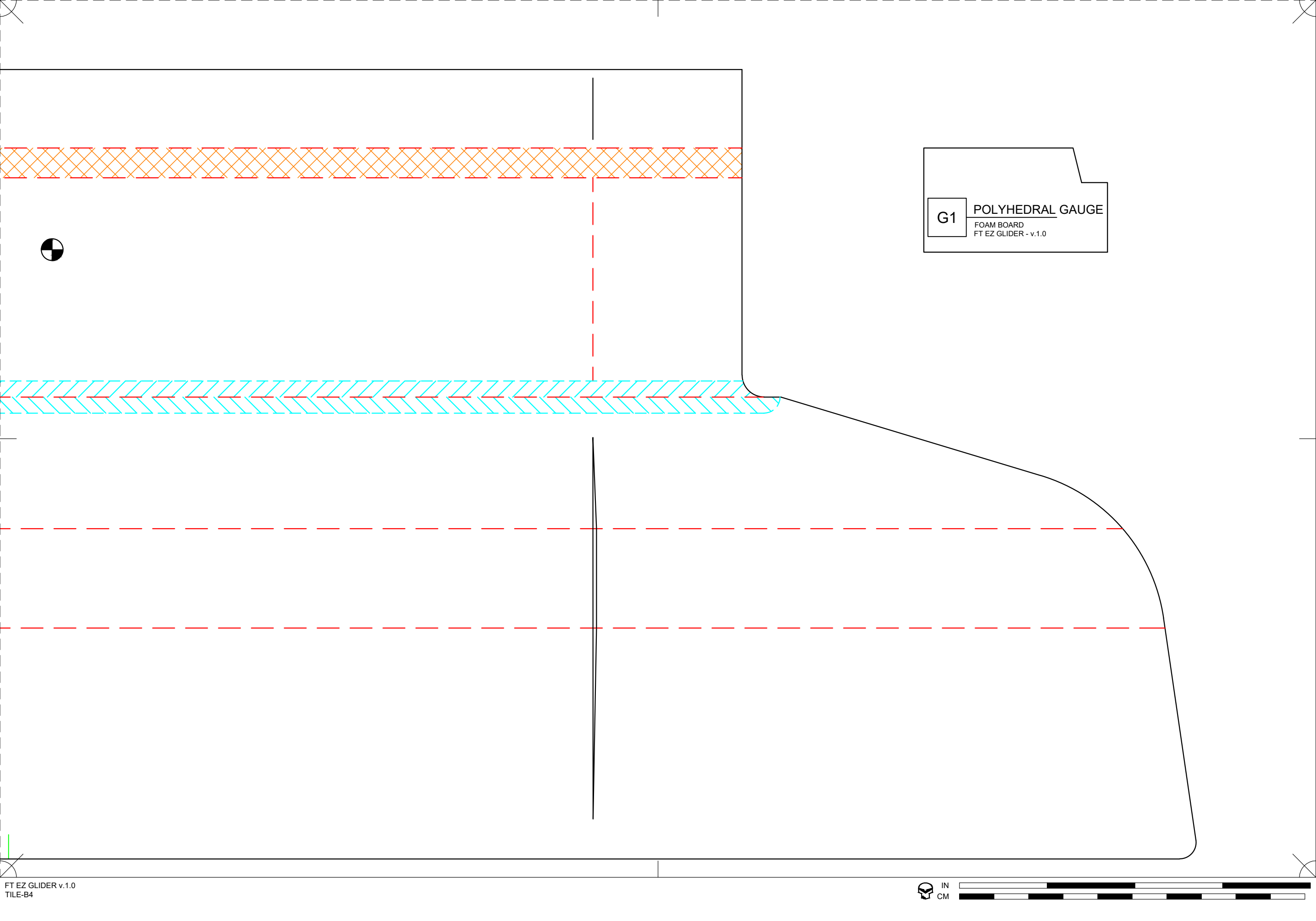




IN
CM







G1

POLYHEDRAL GAUGE

FOAM BOARD
FT EZ GLIDER - v.1.0