



www.flitetest.com

FT Mini Alpha

Designed By: Jadya Tafoya

Drawing By: Dan Sponholz



SPECIFICATIONS

DESCRIPTION		IMPERIAL	METRIC
LENGTH		27.5 in	698.5 mm
CENTER OF GRAVITY (FROM NOSE)	CG	14 in	355 mm
WING SPAN		24 in	609 mm
WING AREA		151.6 in ²	9.8 dm ²
DRY WEIGHT		8.1 oz	230 g
ALL UP WEIGHT	AUW	10.4 oz	295 g
WING LOADING	WL	9.9 oz/ft ²	30.1 g/dm ²
WING CUBIC LOADING	WCL	9.6	

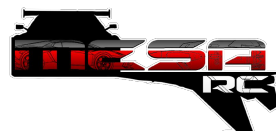
RECOMMENDED SETTINGS

	THROW	EXPO
ELEVONS	16°	30%

Build Skill Level :



Pilot Skill Level :



SHEET & TILE KEY



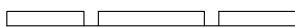
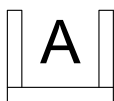
1	2	3	4
5	6	7	8

9	10	11	12
13	14	15	16

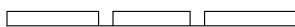
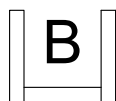
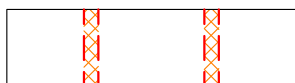
17	18	19	20
21	22	23	24

DRAWING KEY

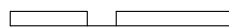
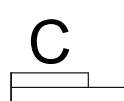
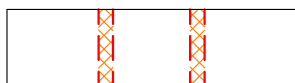
FOLD TYPES



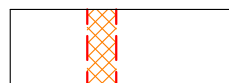
A - FOLD (ABOVE)



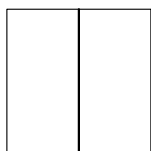
B - FOLD (BESIDE)



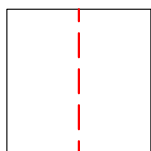
C - FOLD (COVER)



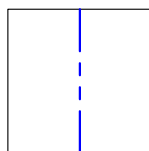
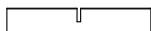
LINE TYPE/COLOR



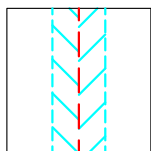
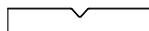
CUT



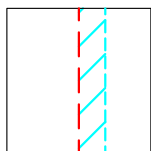
50% SCORE



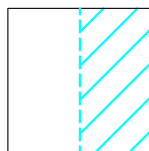
CREASE



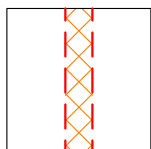
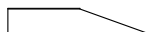
45° DOUBLE
BEVEL



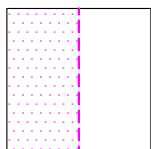
45° SINGLE
BEVEL



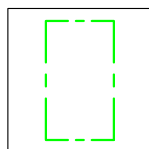
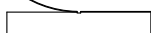
EDGE
BEVEL



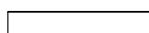
CAVITY



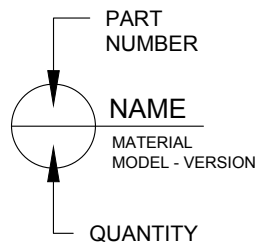
REMOVE
PAPER



REFERENCE/
OPTIONAL



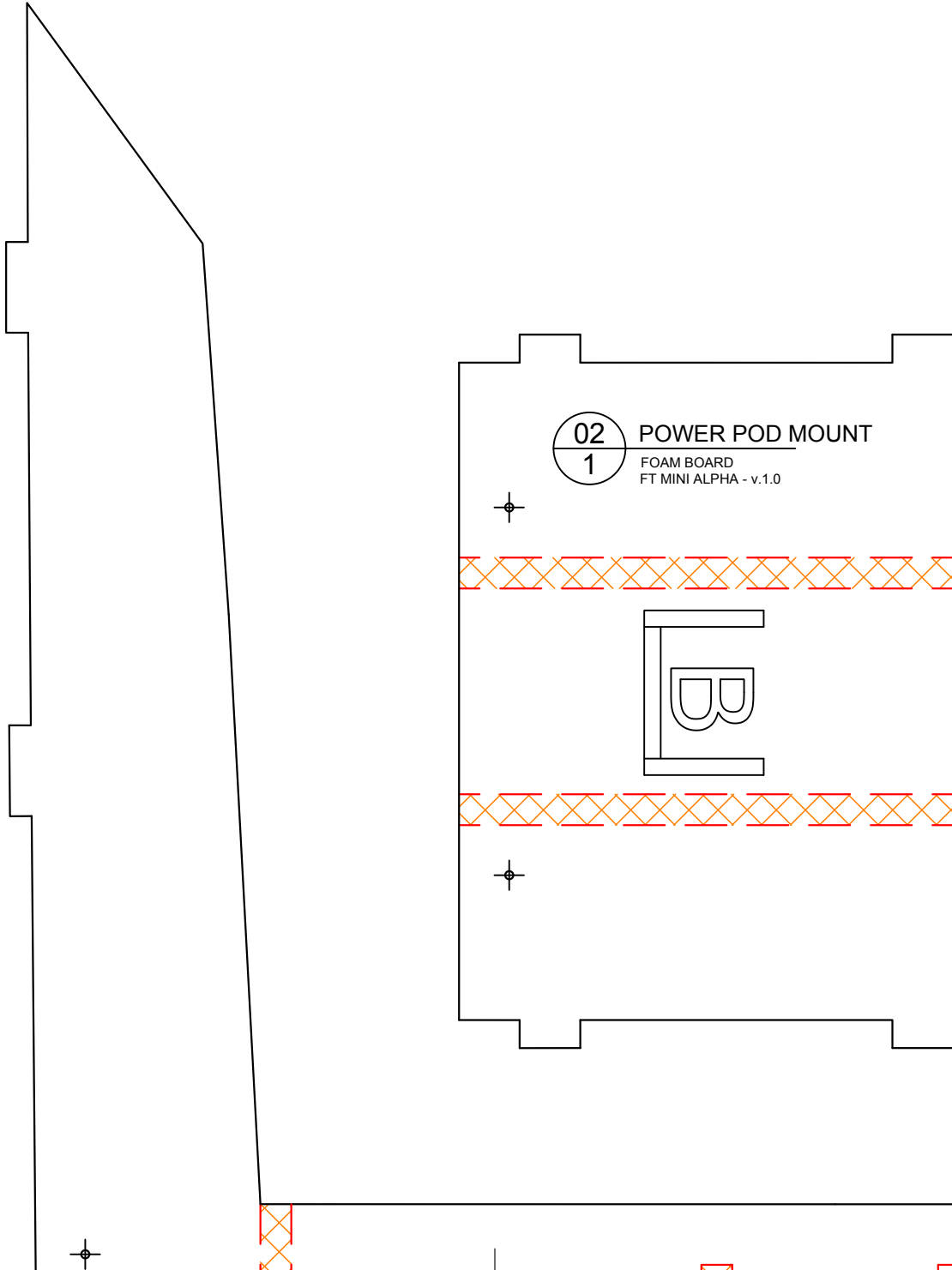
SYMBOLS

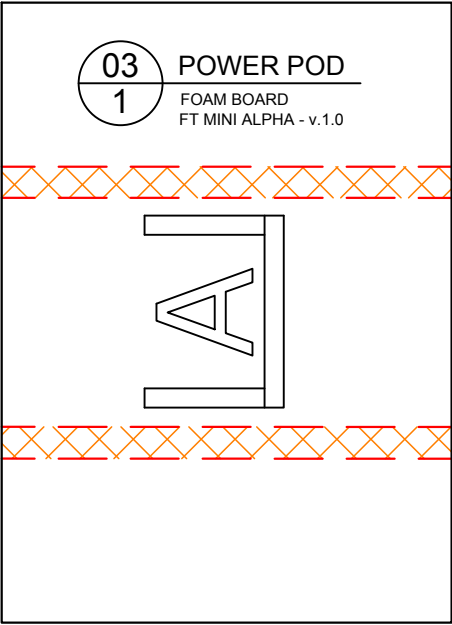
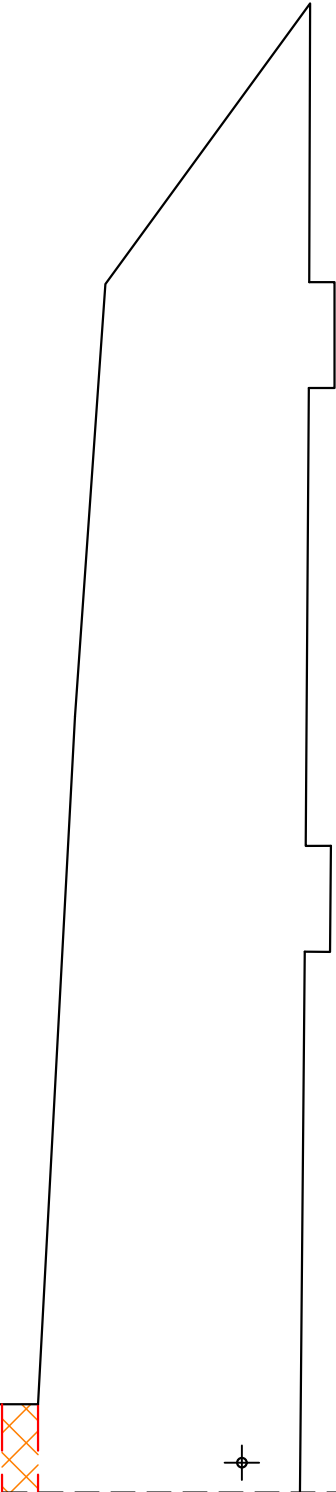


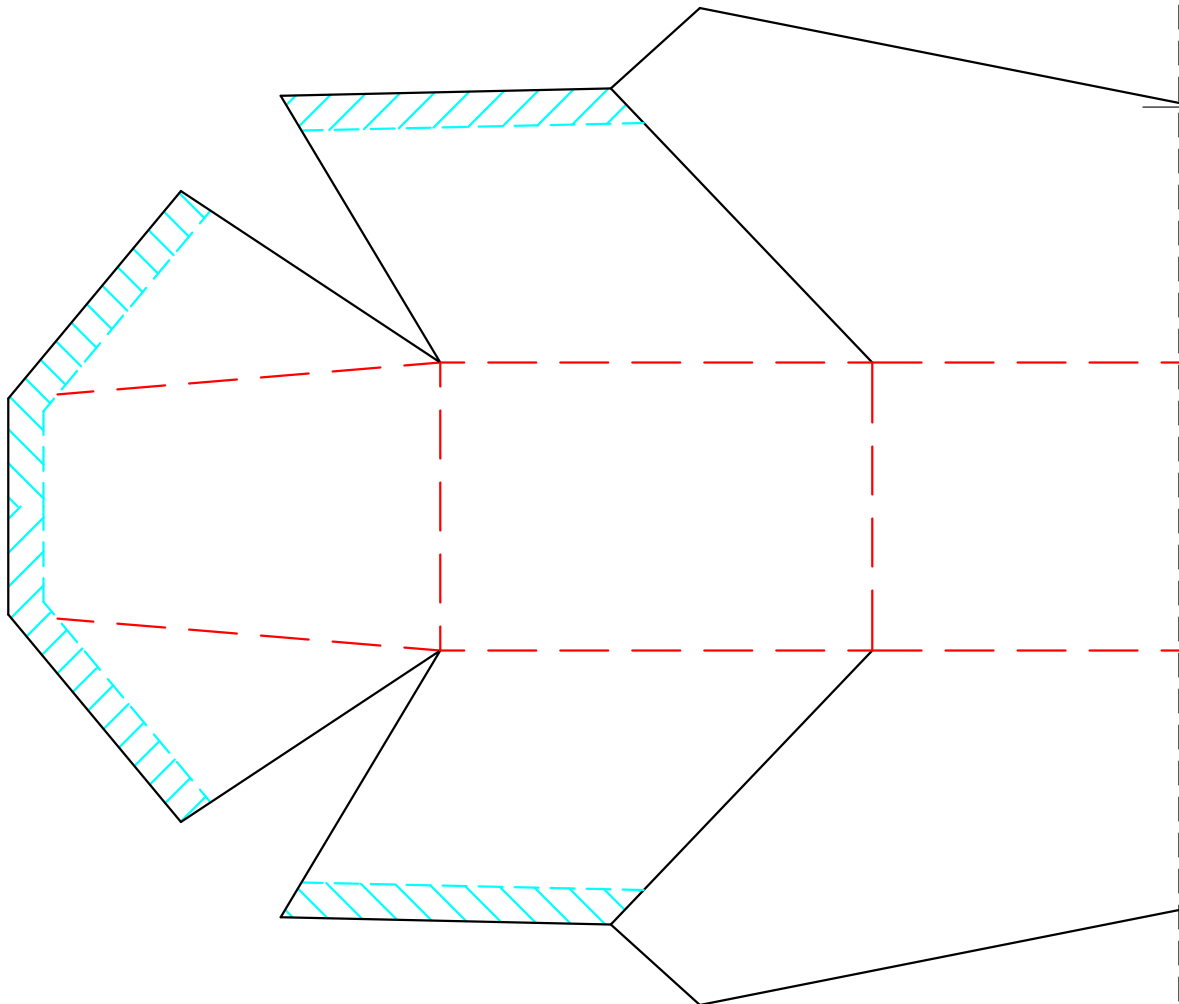
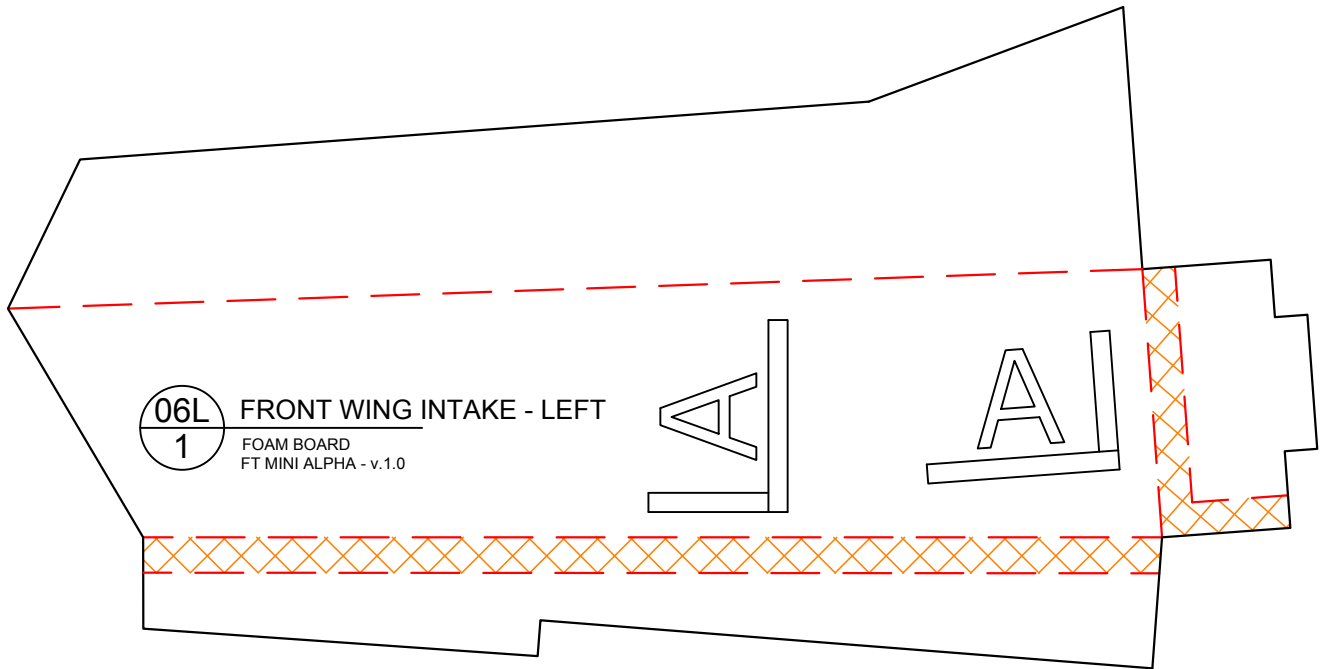
DOWEL
HOLE

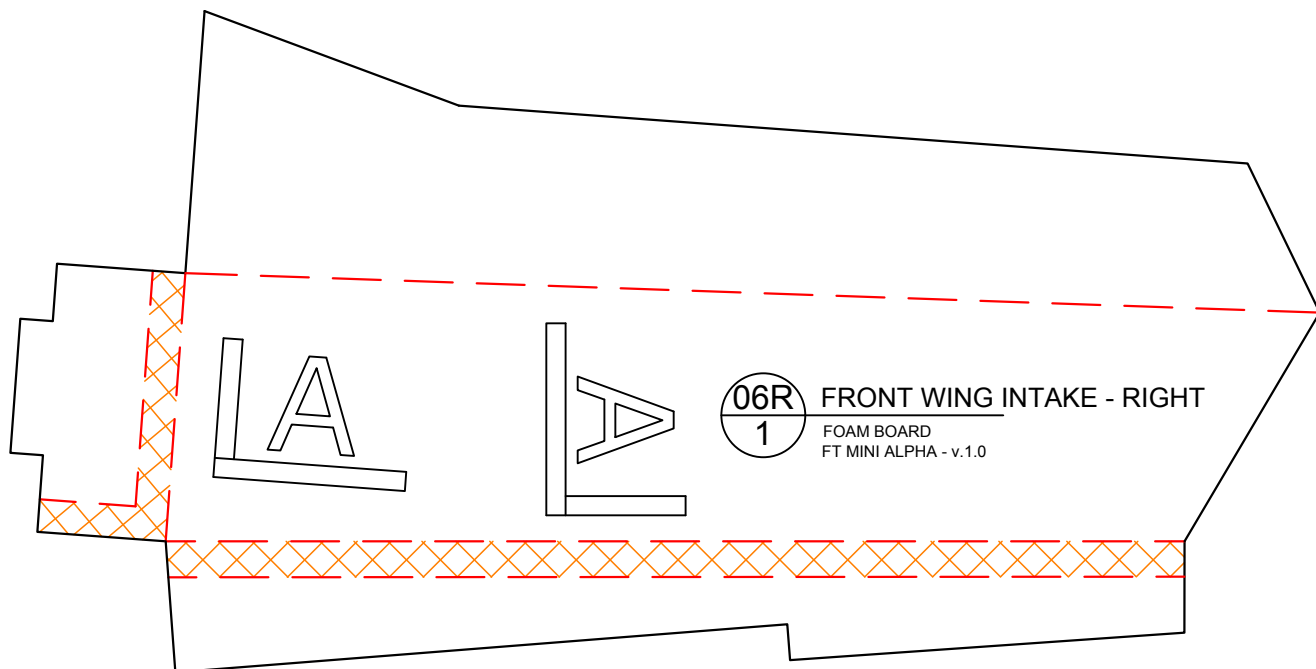


CENTER
OF
GRAVITY
(CG)





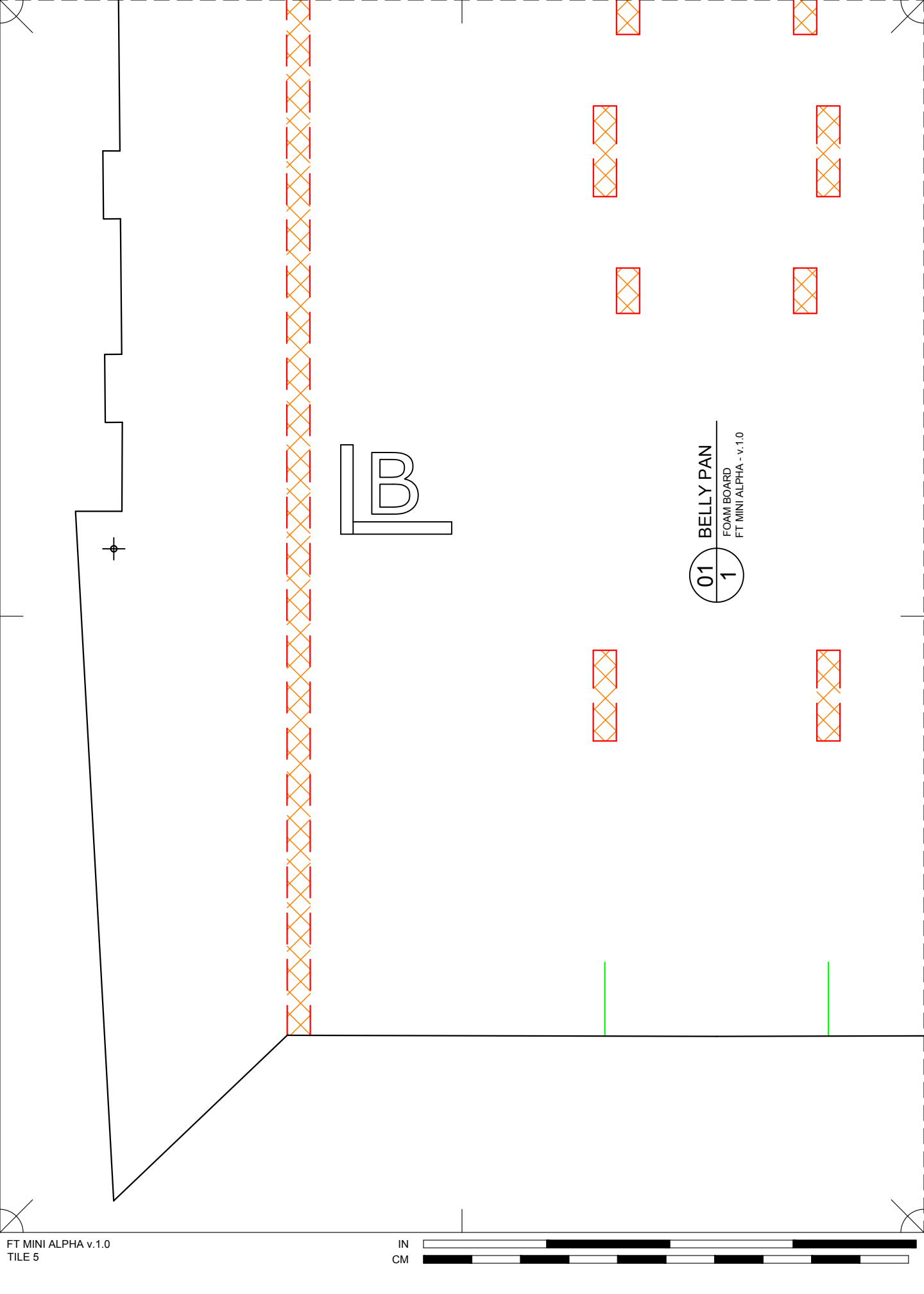


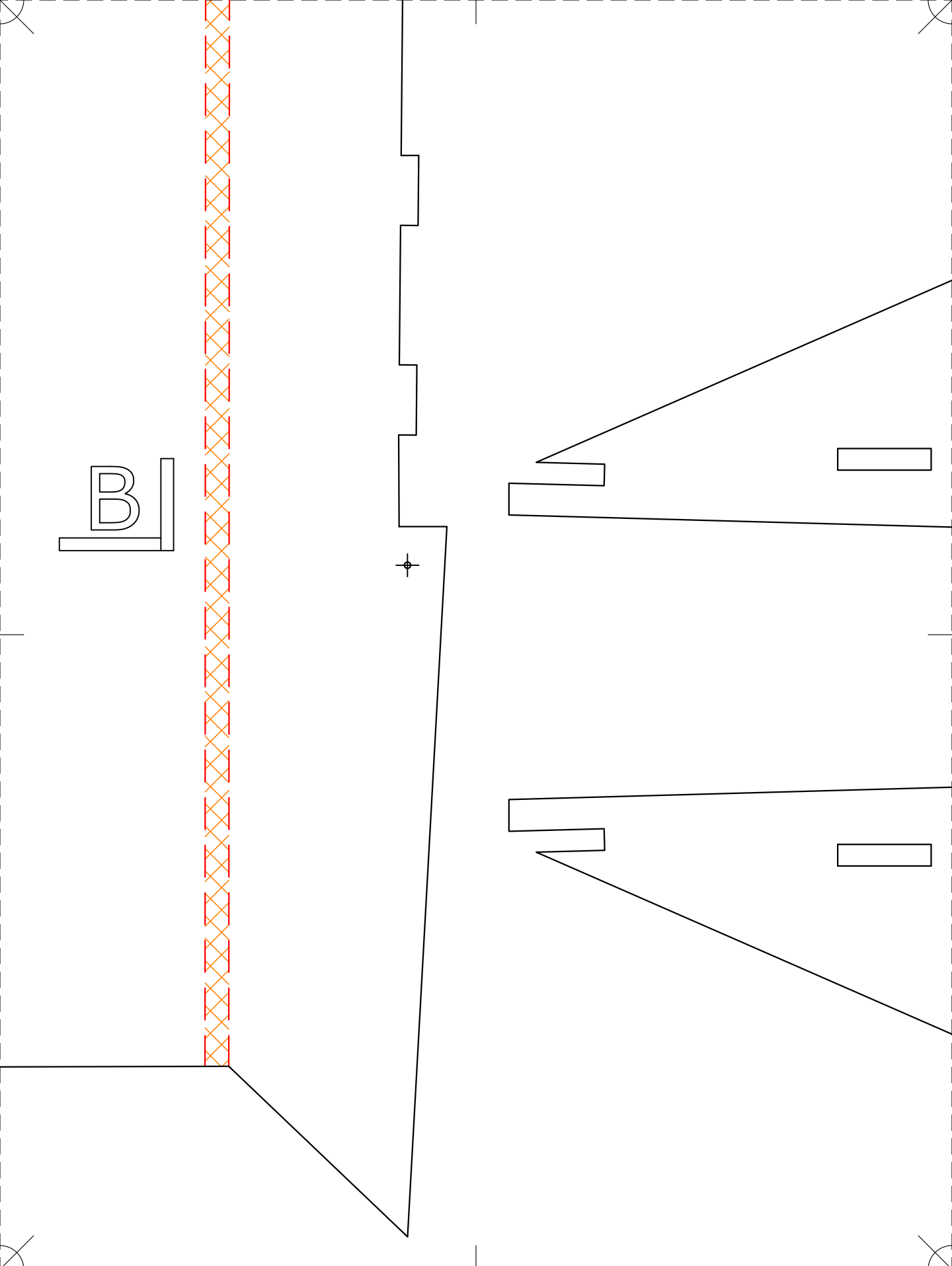


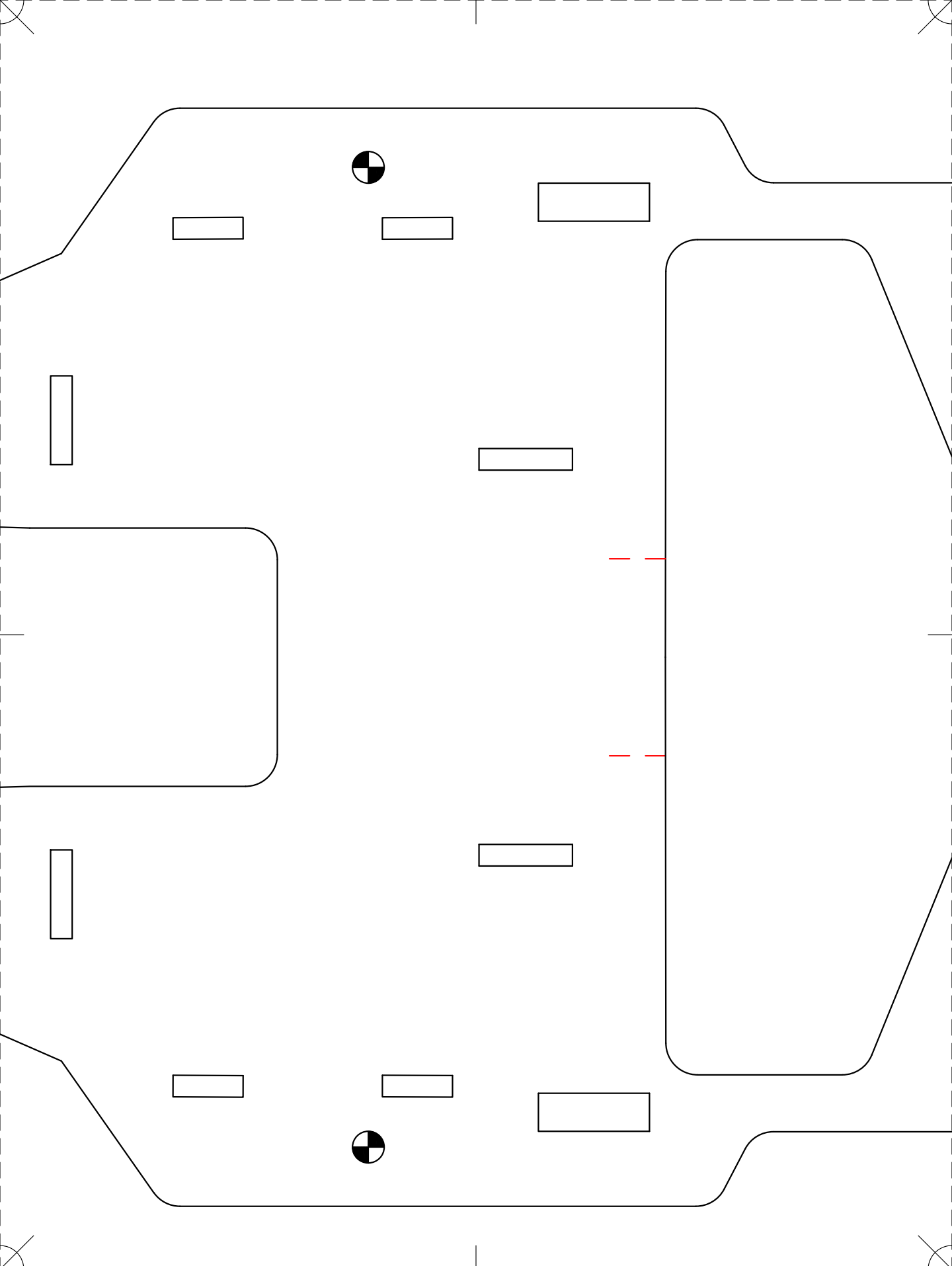


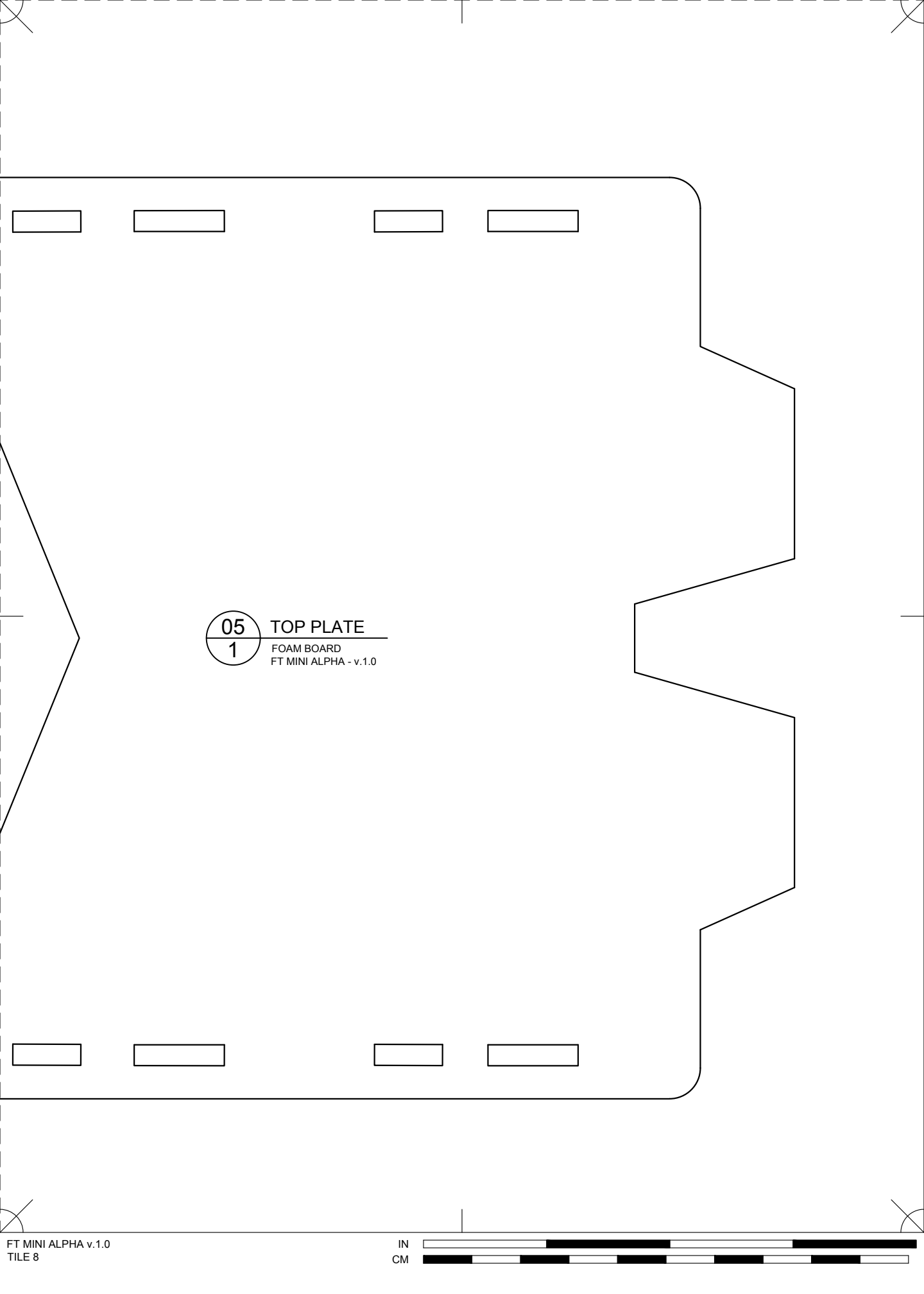
01 BELLY PAN
1 FOAM BOARD
FT MINI ALPHA - v.1.0

B





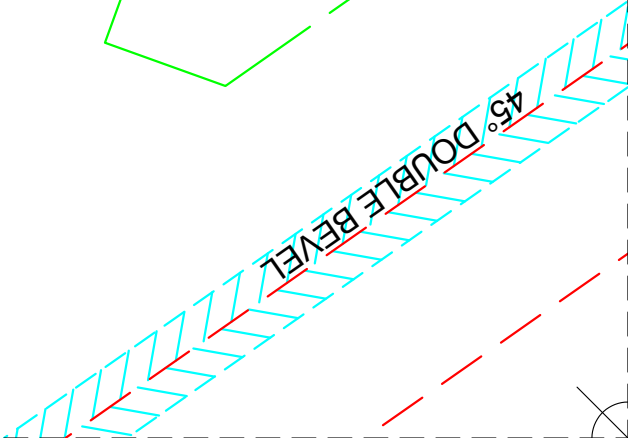
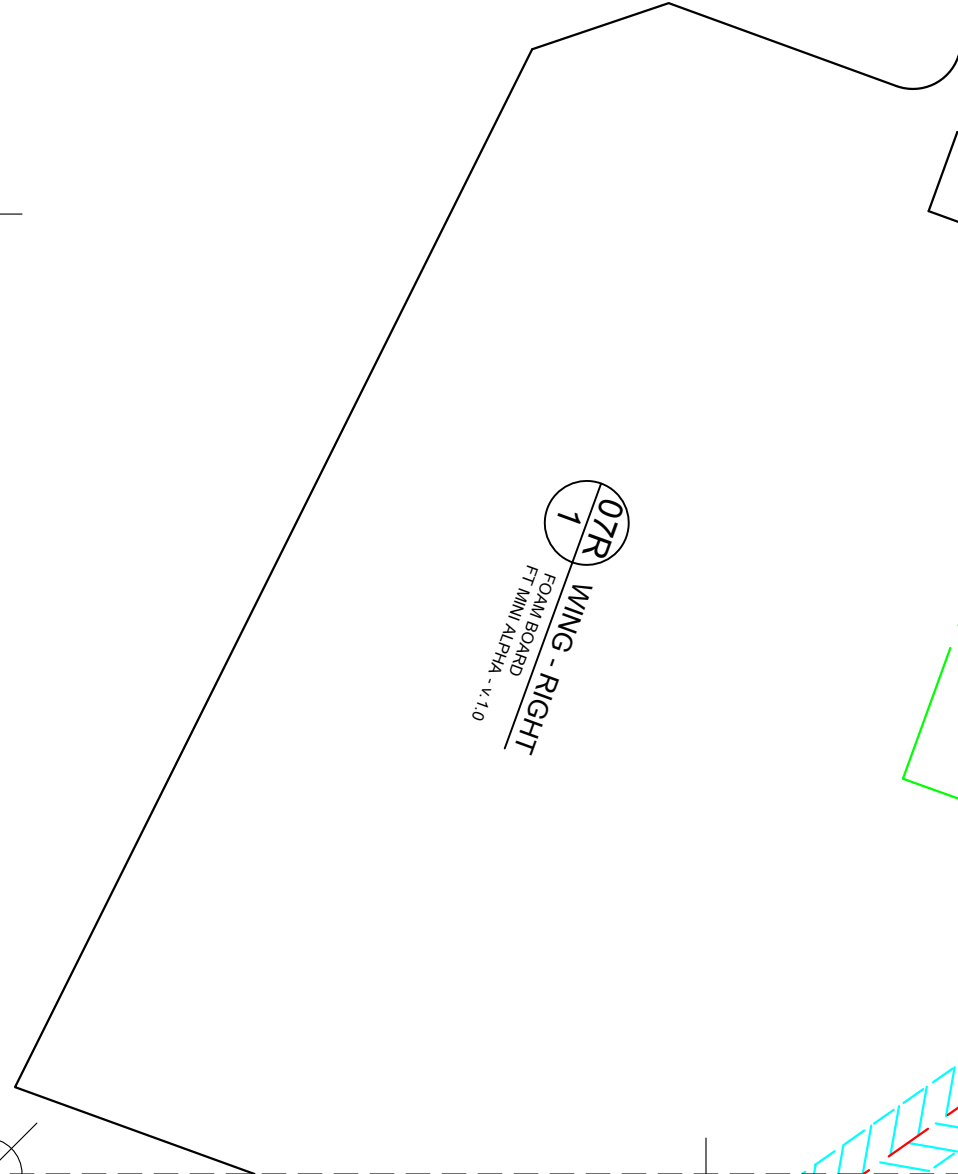
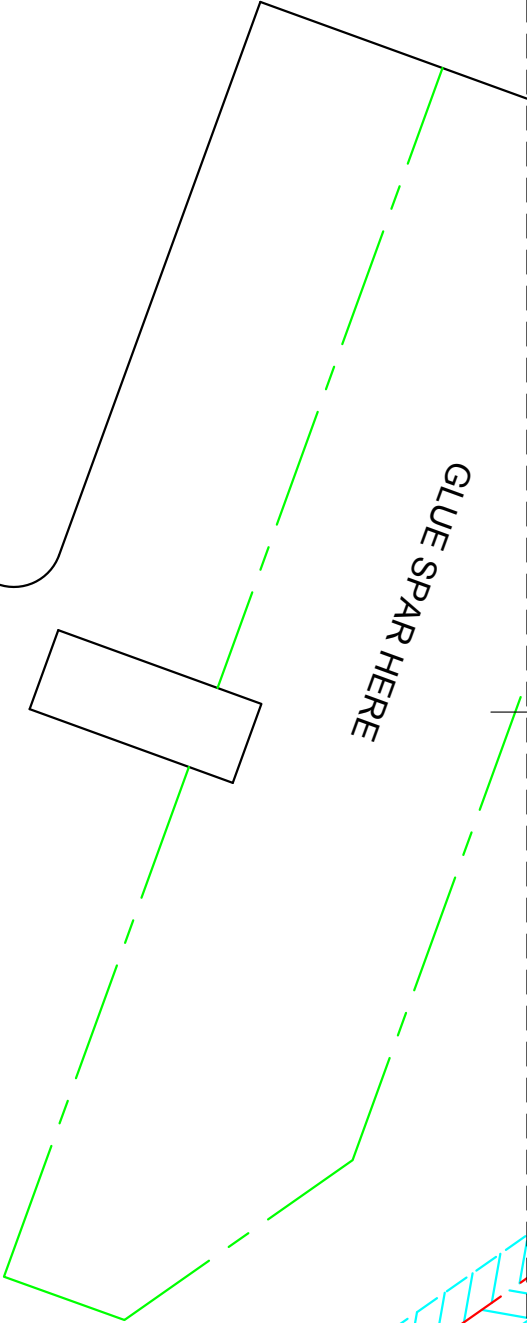
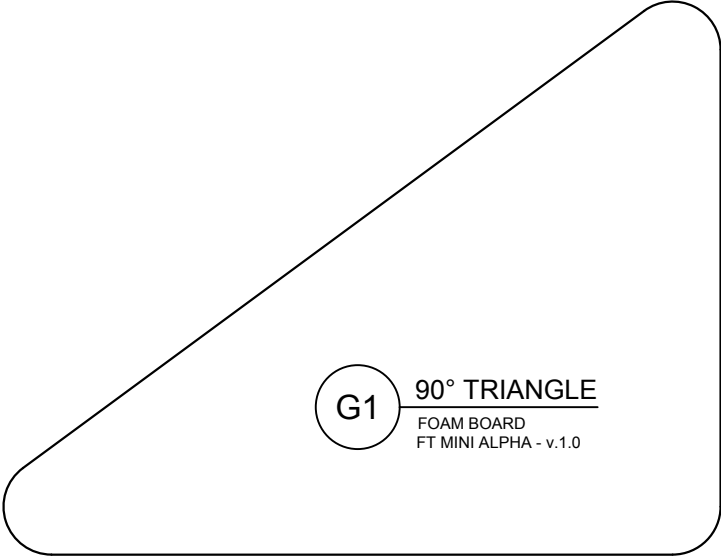




05
1

TOP PLATE

FOAM BOARD
FT MINI ALPHA - v.1.0





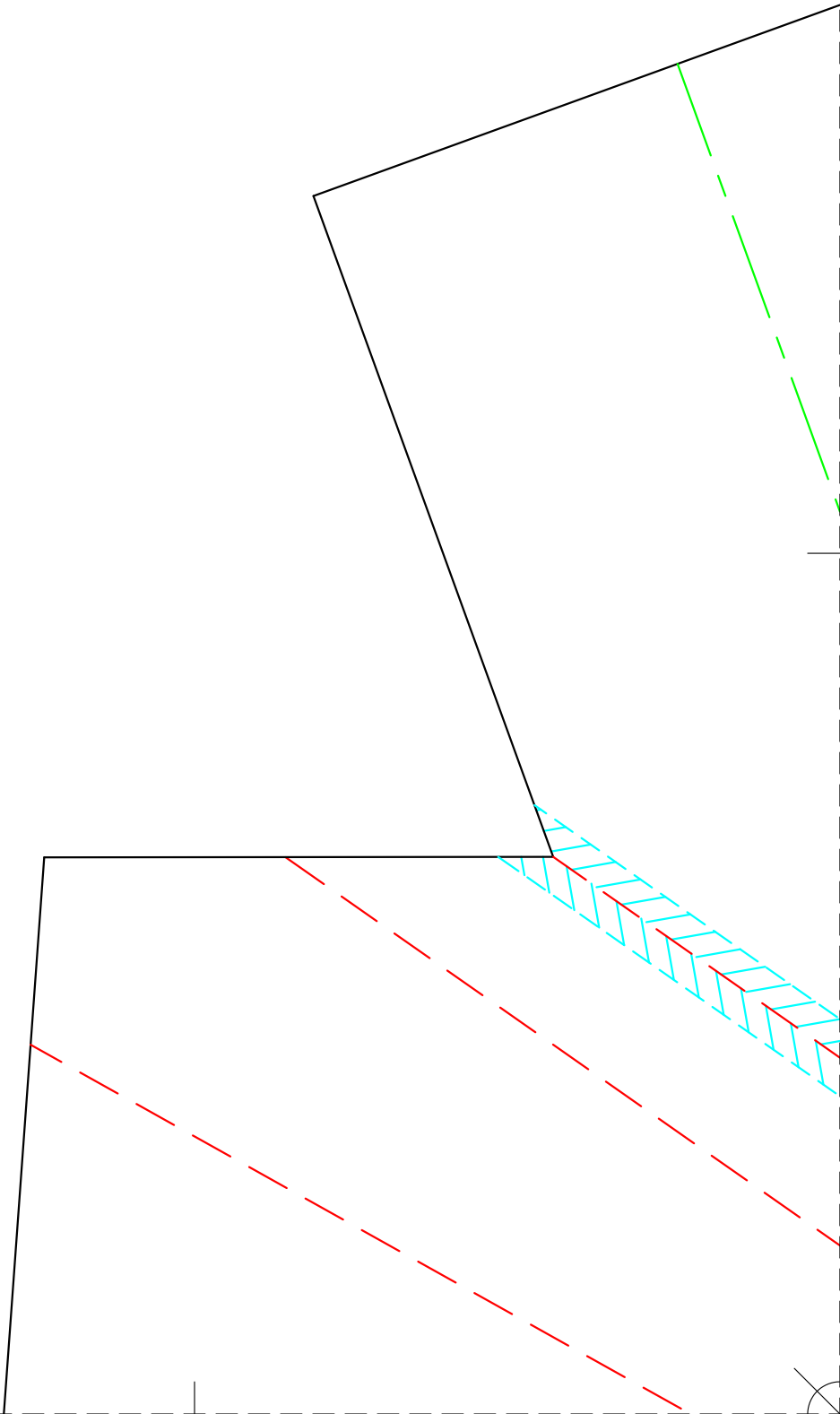
13

2

WING SPACER

FOAM BOARD

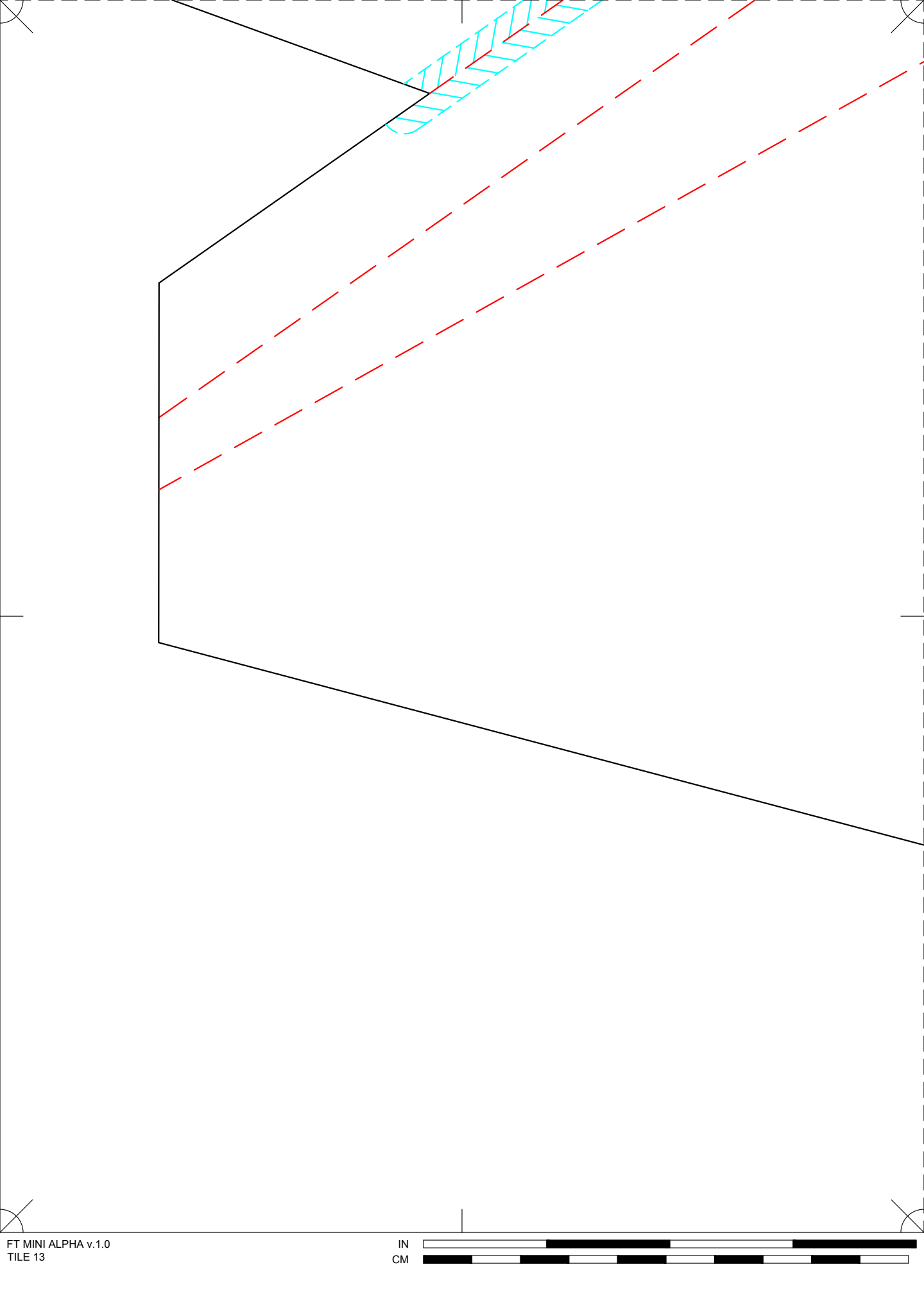
FT MINI ALPHA - v.1.0

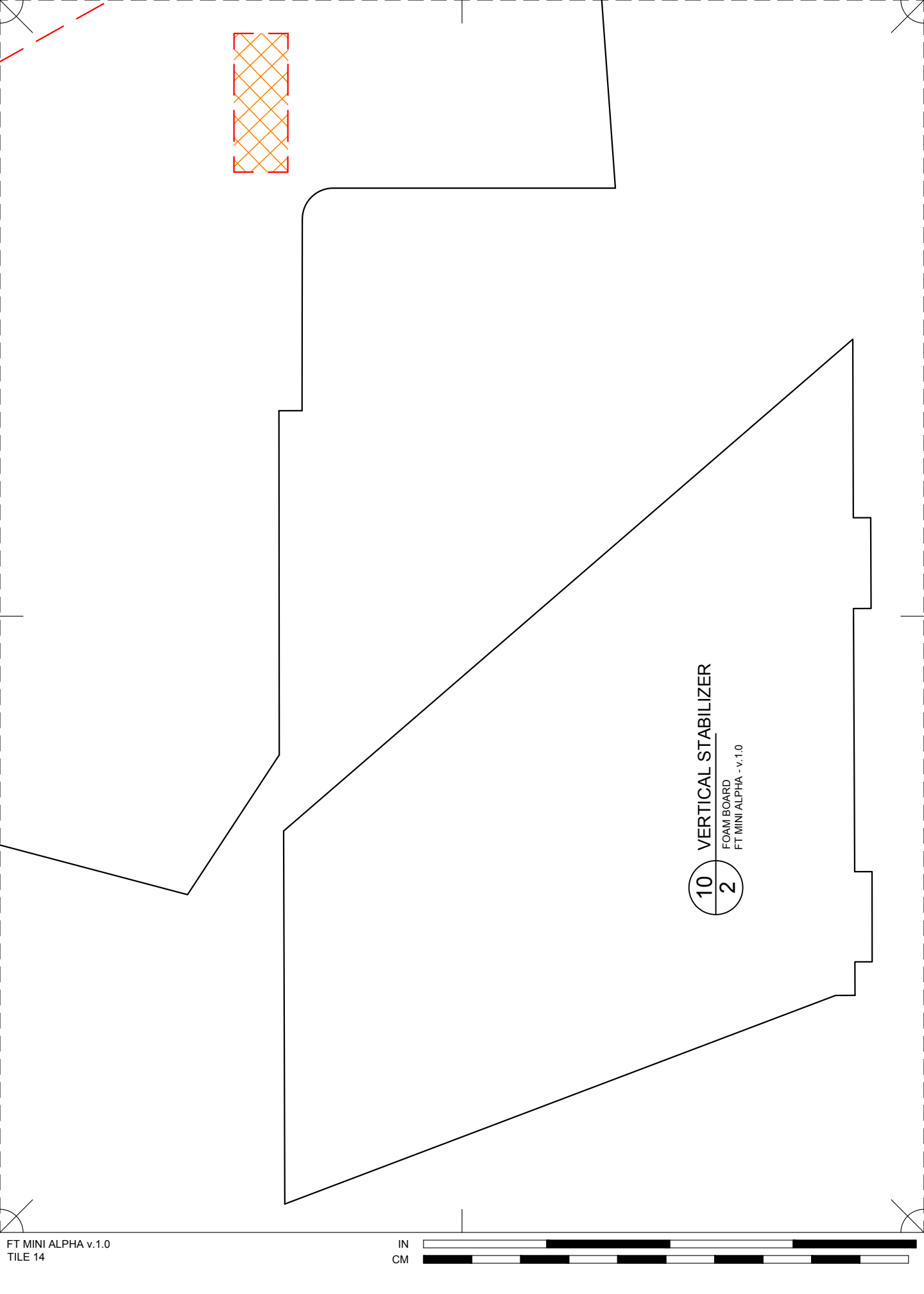




GLUE SPAR HERE

720
WINING - LEFT
FOAM BOARD
0.114" x 1.14" x 0.114"

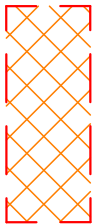




10 VERTICAL STABILIZER

FOAM BOARD
FT MINI ALPHA - v.1.0

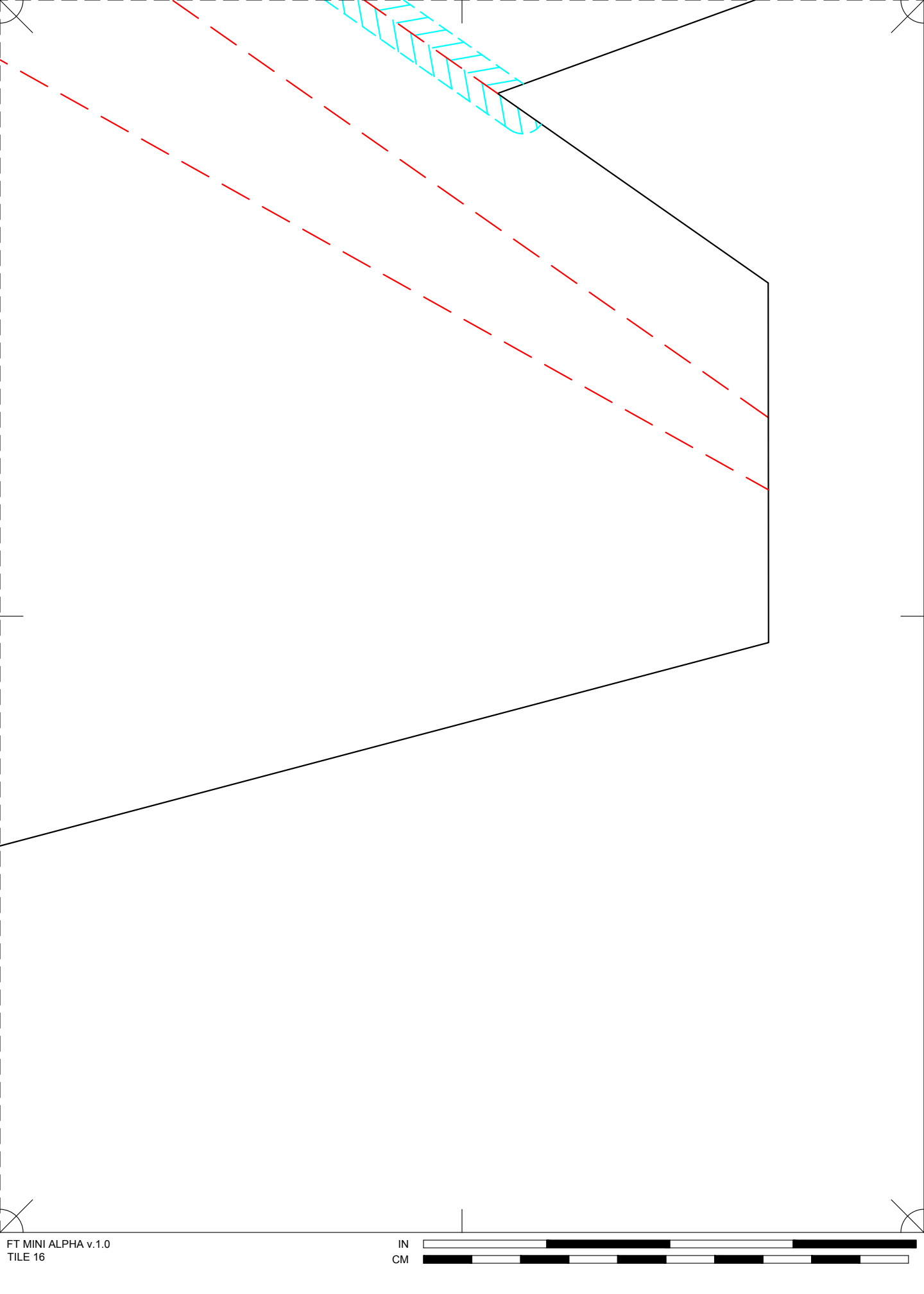
2



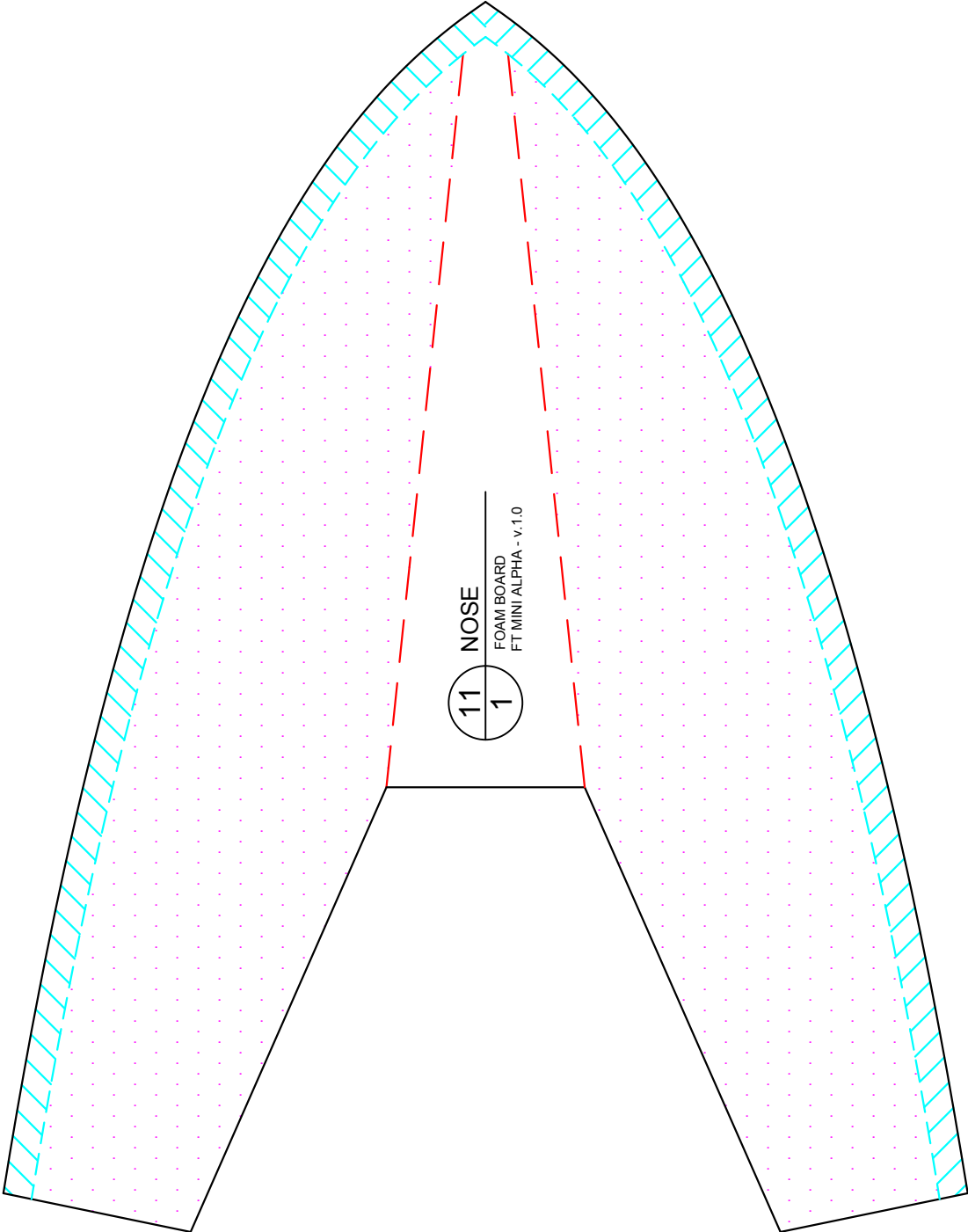
VERTICAL STABILIZER
FOAM BOARD
FT MINI ALPHA - v.1.0

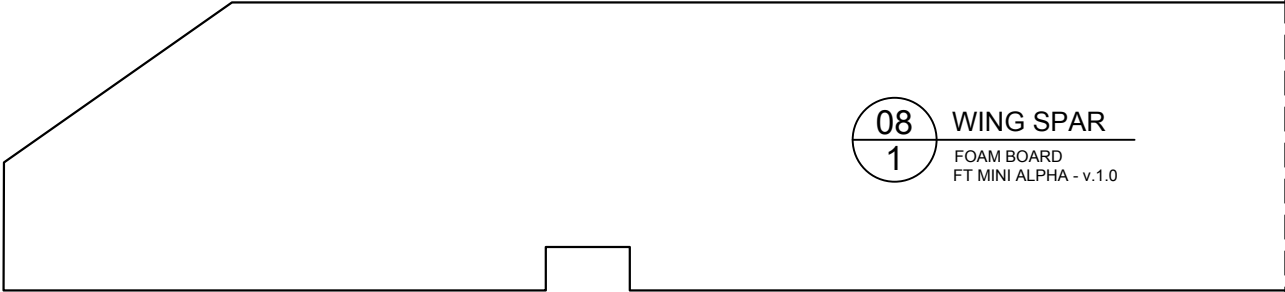
IN
CM



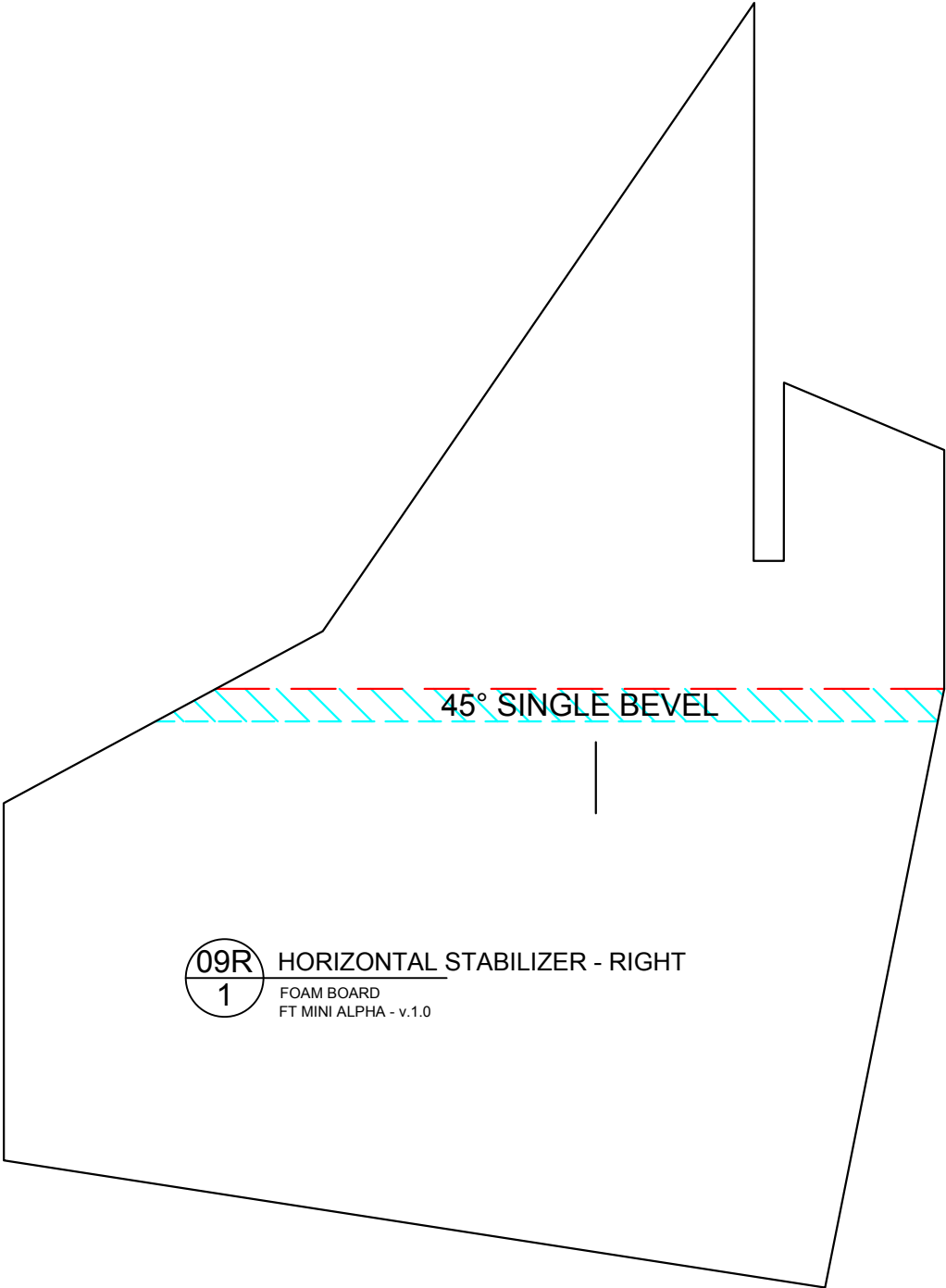








08
1 WING SPAR
FOAM BOARD
FT MINI ALPHA - v.1.0



09R
1 HORIZONTAL STABILIZER - RIGHT
FOAM BOARD
FT MINI ALPHA - v.1.0

45° SINGLE BEVEL

09L
1 HORIZONTAL STABILIZER - LEFT
FOAM BOARD
FT MINI ALPHA - v.1.0

04 LOWER FUSELAGE
FOAM BOARD
FT MINI ALPHA - v.1.0

