



FT Mini Charlie



Designed By: Kenny Le

Drawing By: Dan Sponholz

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SPECIFICATIONS

DESCRIPTION		IMPERIAL	METRIC
LENGTH		27.8 in	705 mm
CENTER OF GRAVITY (FROM NOSE)	CG	14 in	355 mm
WING SPAN		28 in	711 mm
WING AREA		156.2 in ²	10.1 dm ²
DRY WEIGHT		8.1 oz	230 g
ALL UP WEIGHT	AUW	10.4 oz	295 g
WING LOADING	WL	9.6 oz/ft ²	29.2 g/dm ²
WING CUBIC LOADING	WCL	9.2	

RECOMMENDED SETTINGS

	THROW	EXPO
ELEVONS	16°	30%

Build Skill Level :



Pilot Skill Level :



SHEET & TILE KEY



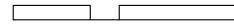
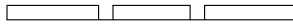
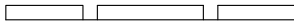
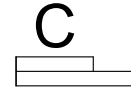
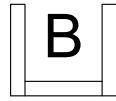
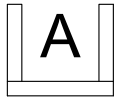
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9	10	11	12
13	14	15	16

17	18	19	20
21	22	23	24

DRAWING KEY

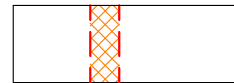
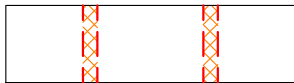
FOLD TYPES



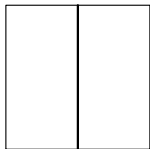
A - FOLD (ABOVE)

B - FOLD (BESIDE)

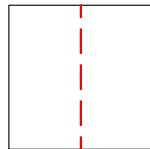
C - FOLD (COVER)



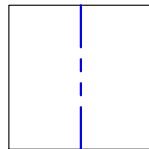
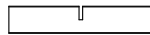
LINE TYPE/COLOR



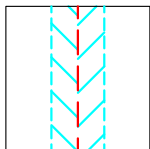
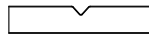
CUT



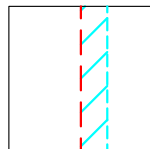
50% SCORE



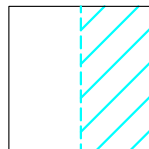
CREASE



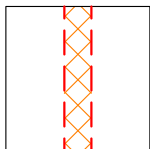
45° DOUBLE BEVEL



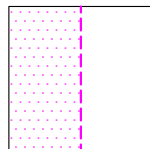
45° SINGLE BEVEL



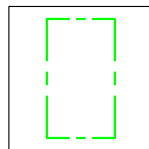
EDGE BEVEL



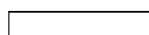
CAVITY



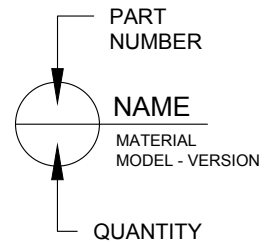
REMOVE PAPER



REFERENCE/
OPTIONAL



SYMBOLS



DOWEL HOLE



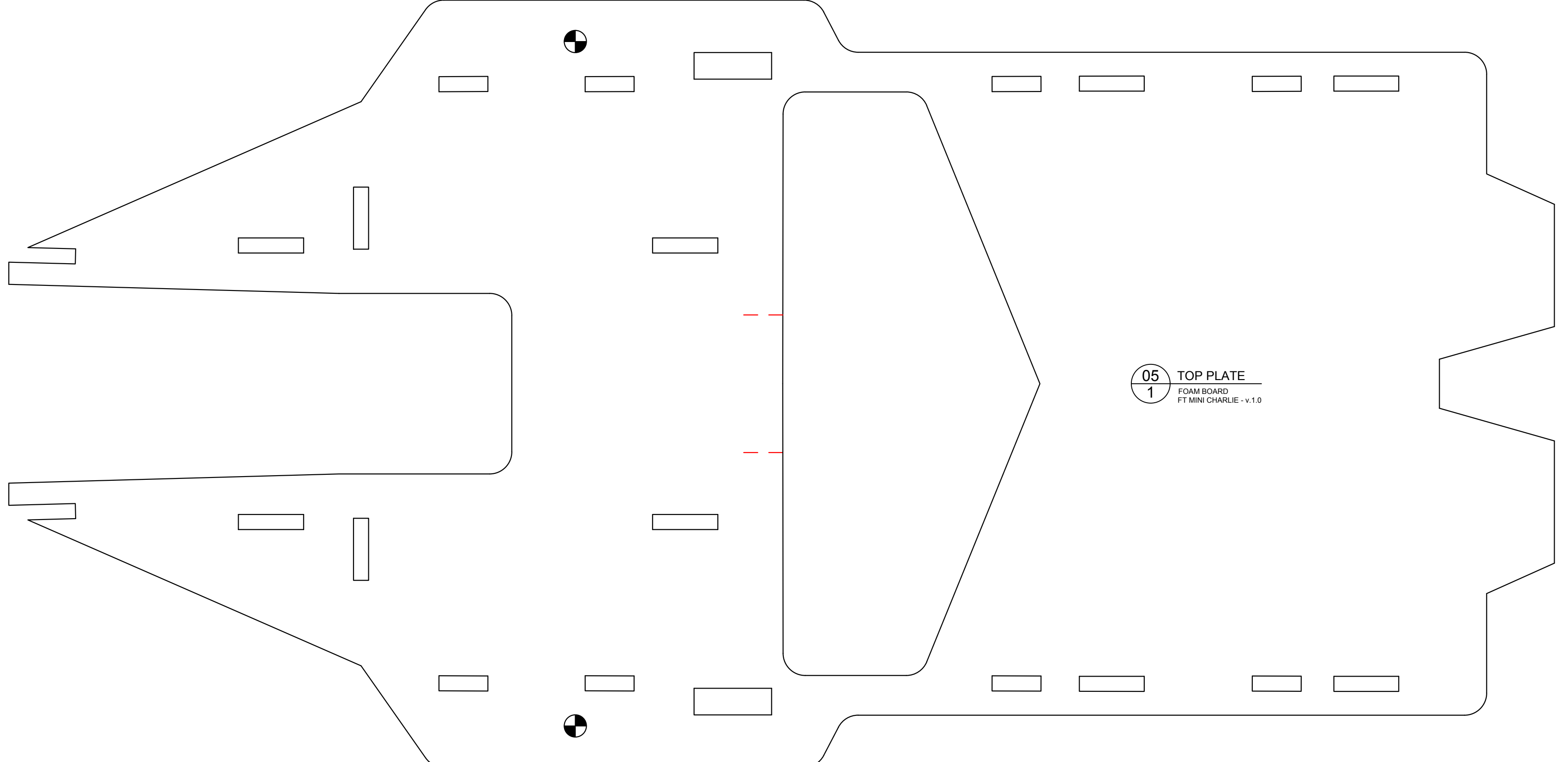
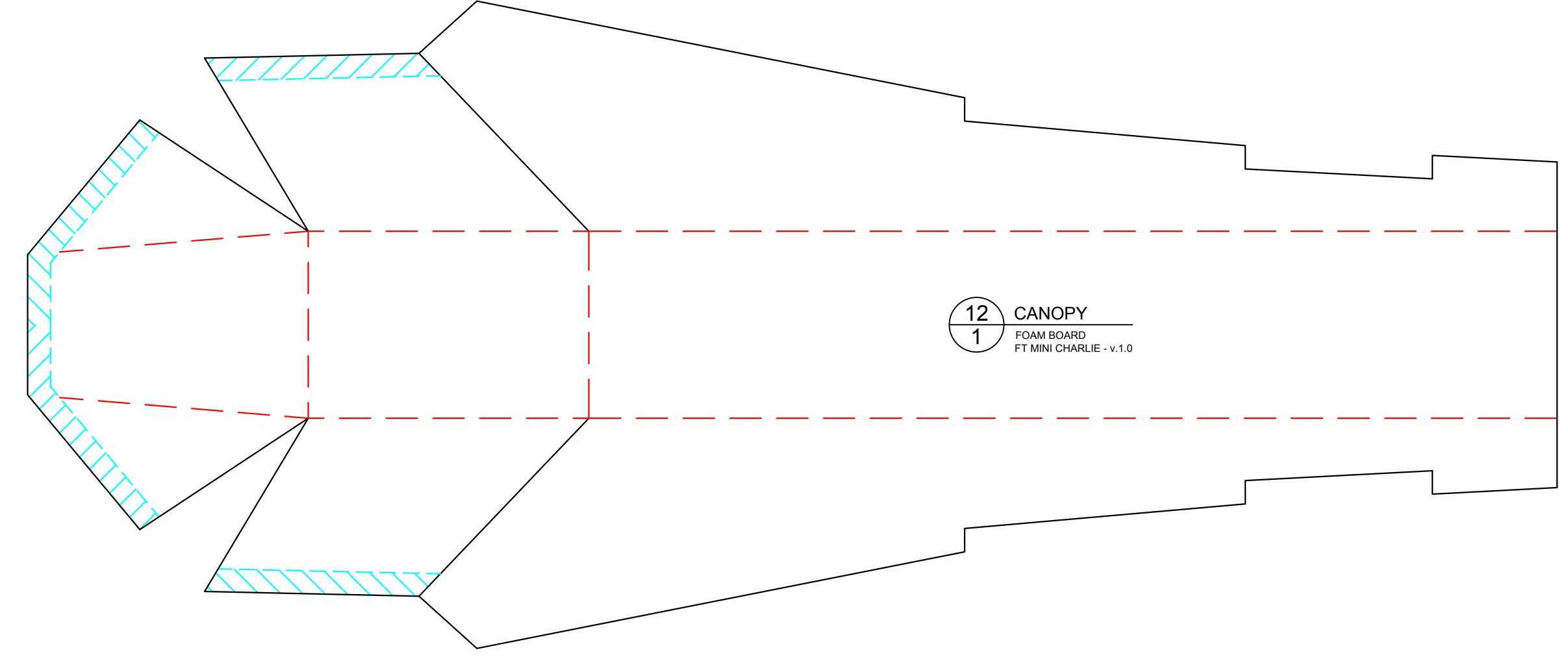
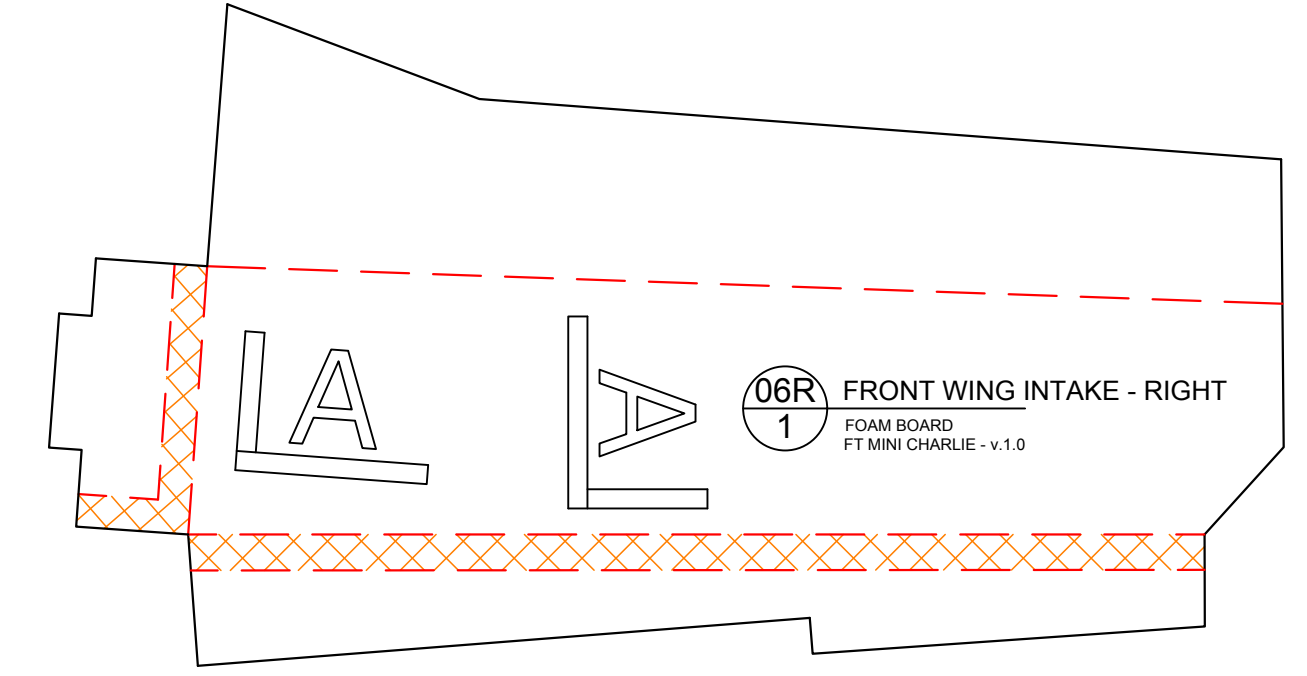
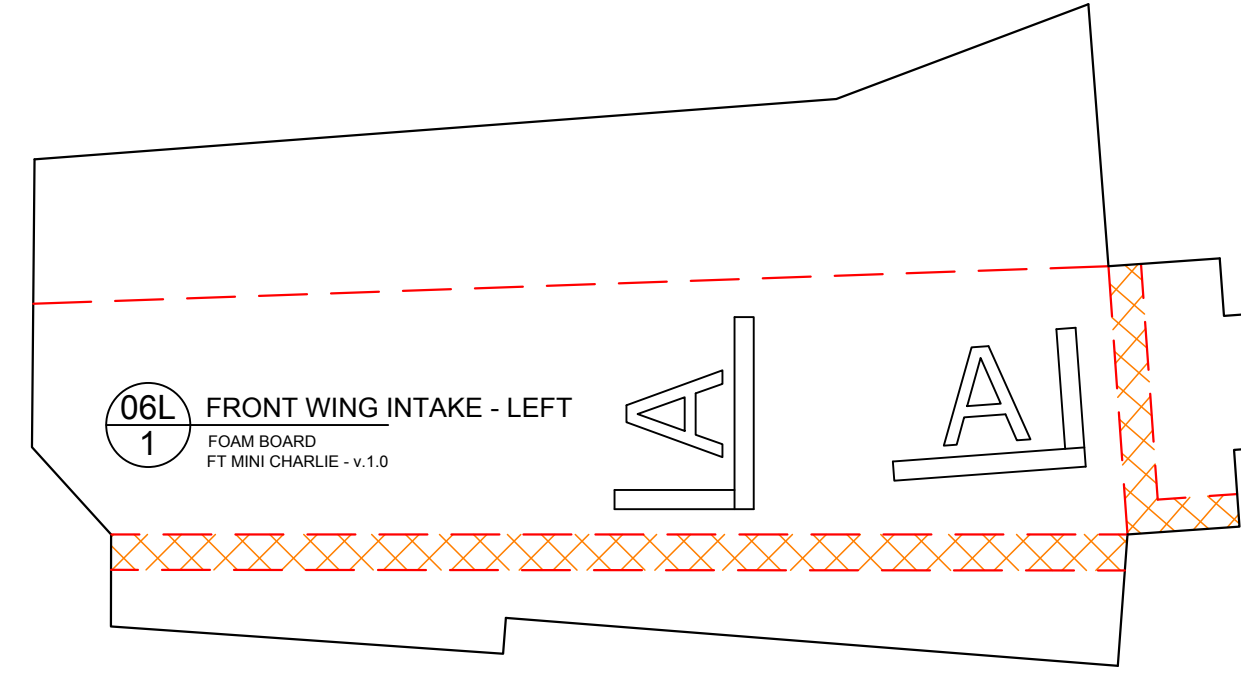
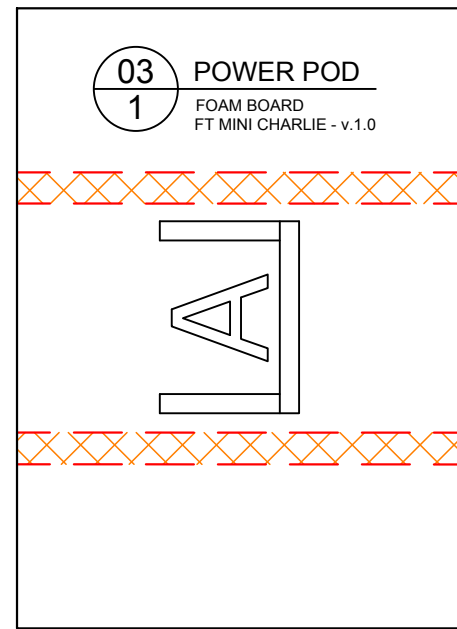
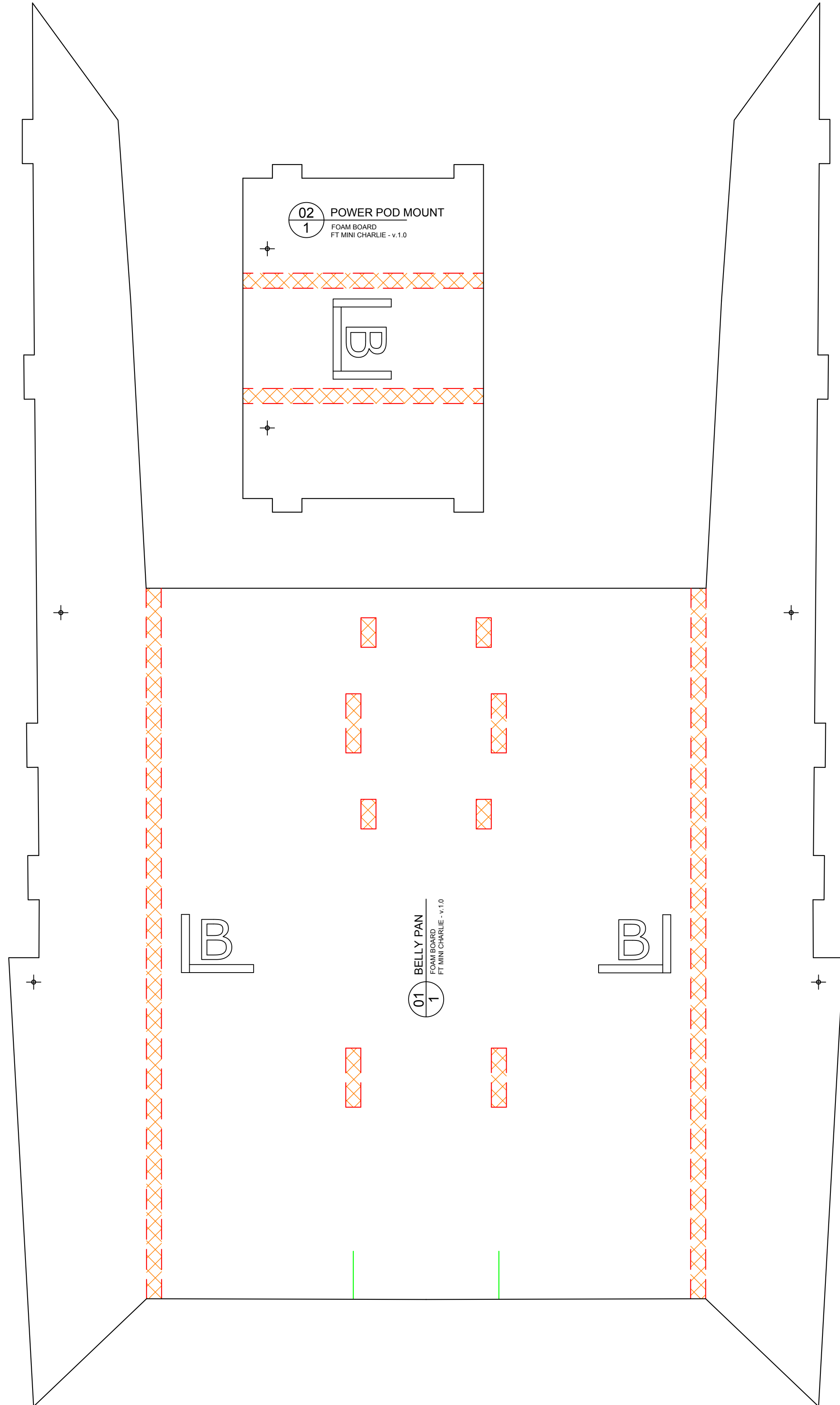
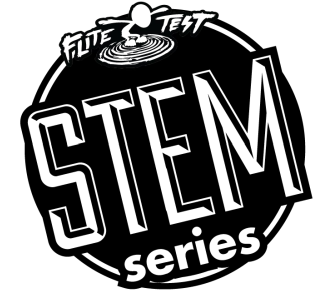
CENTER OF GRAVITY (CG)

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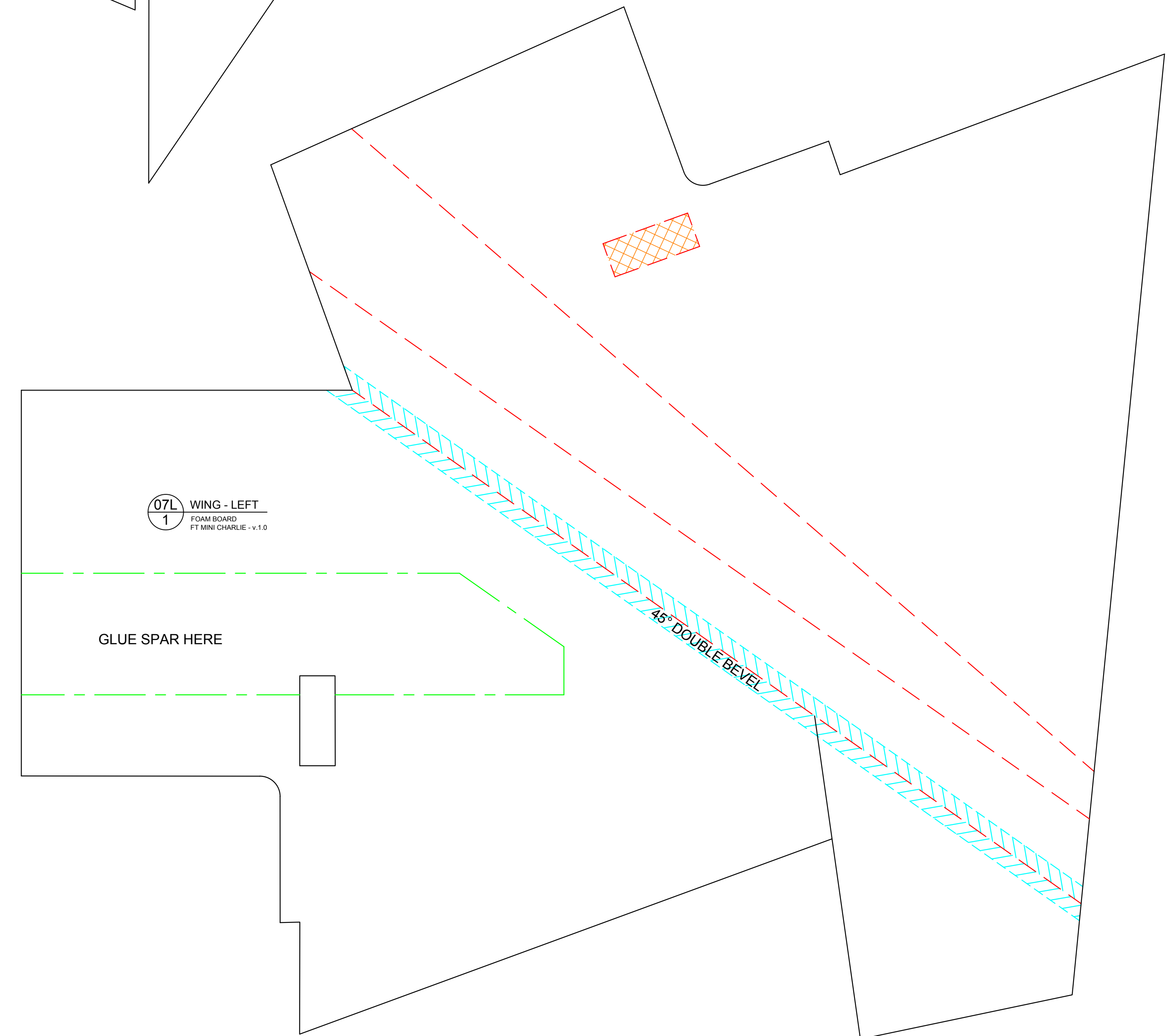
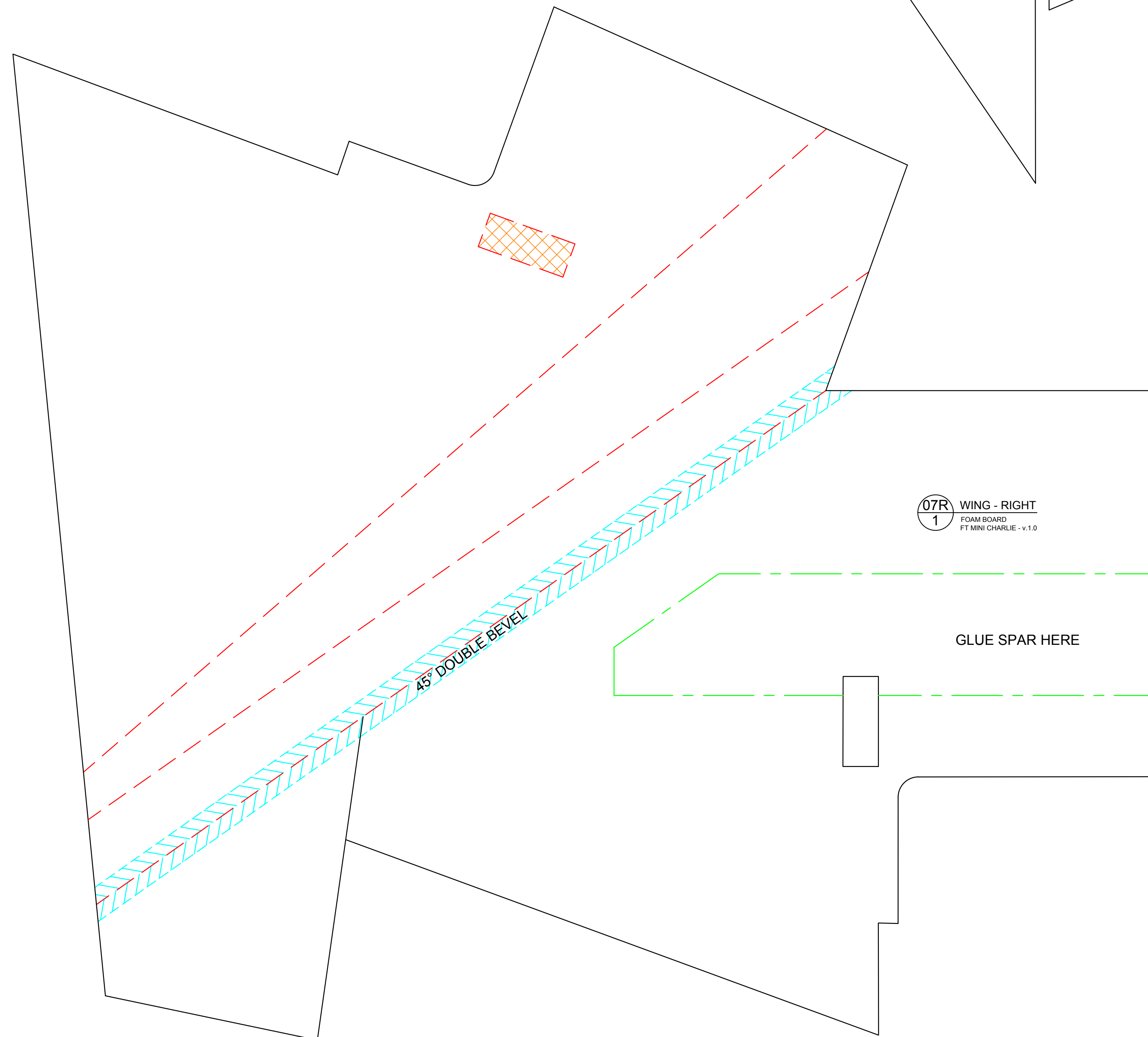
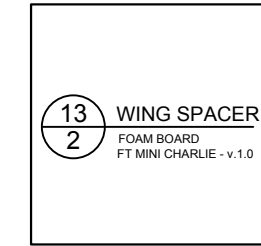
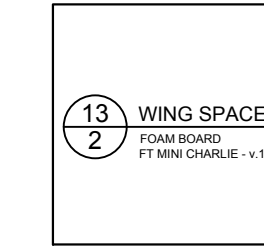
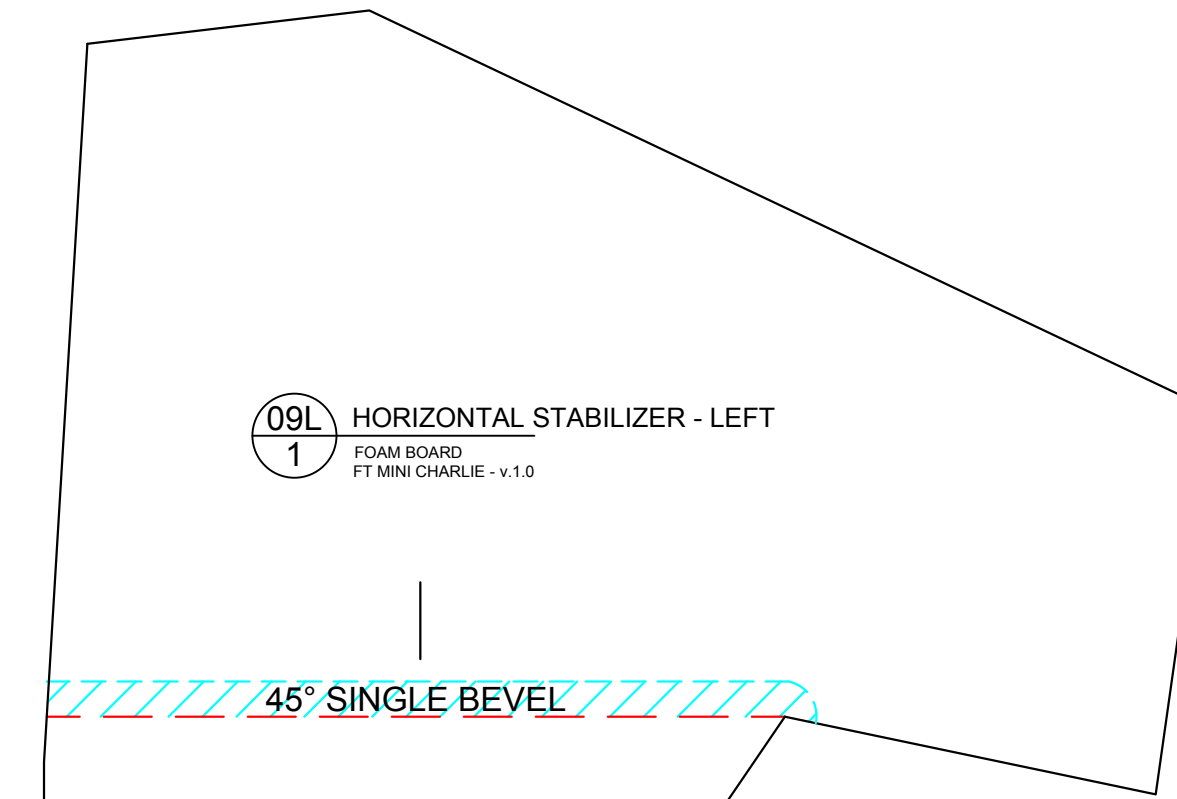
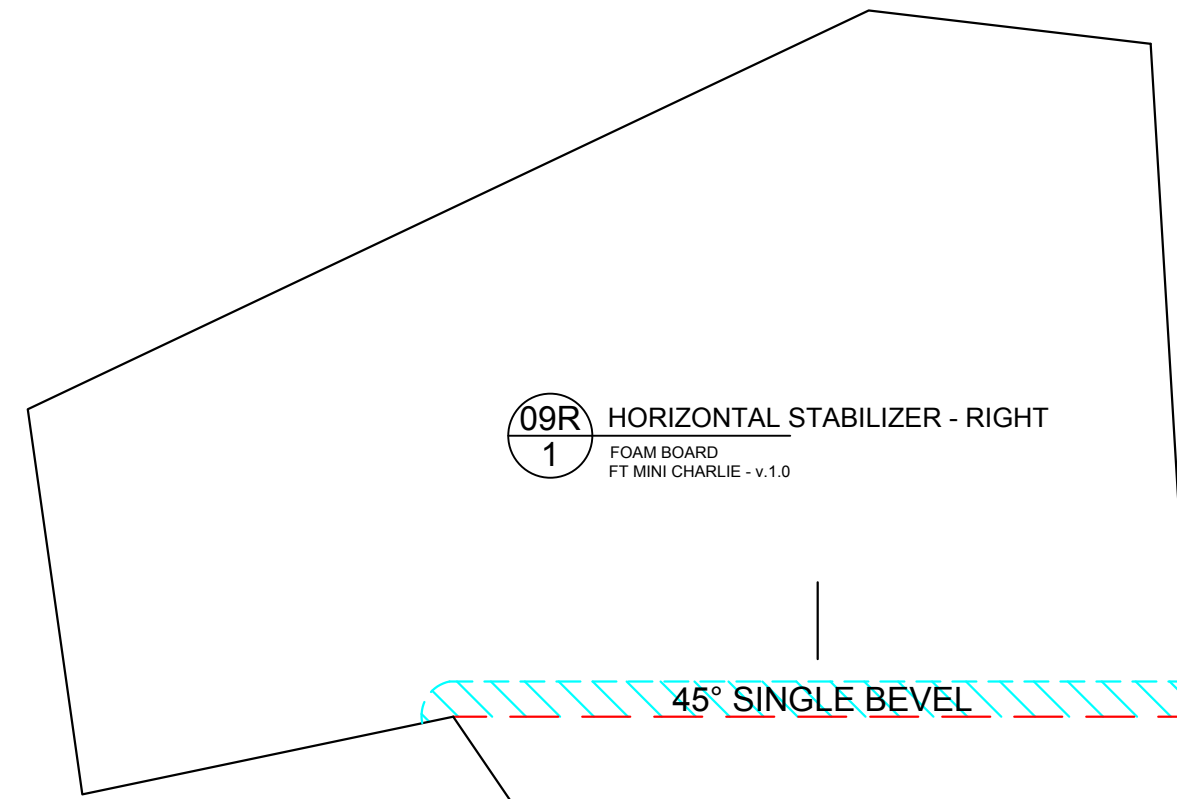
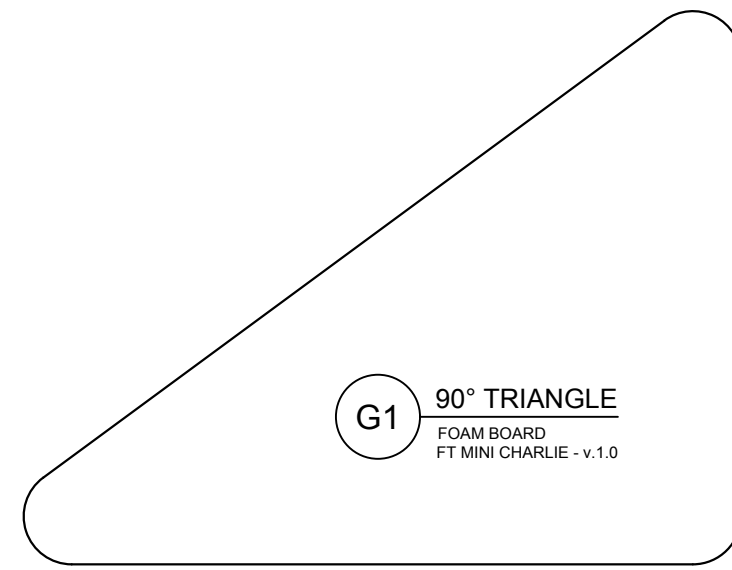
IN 
CM  SHEET 1 OF 3



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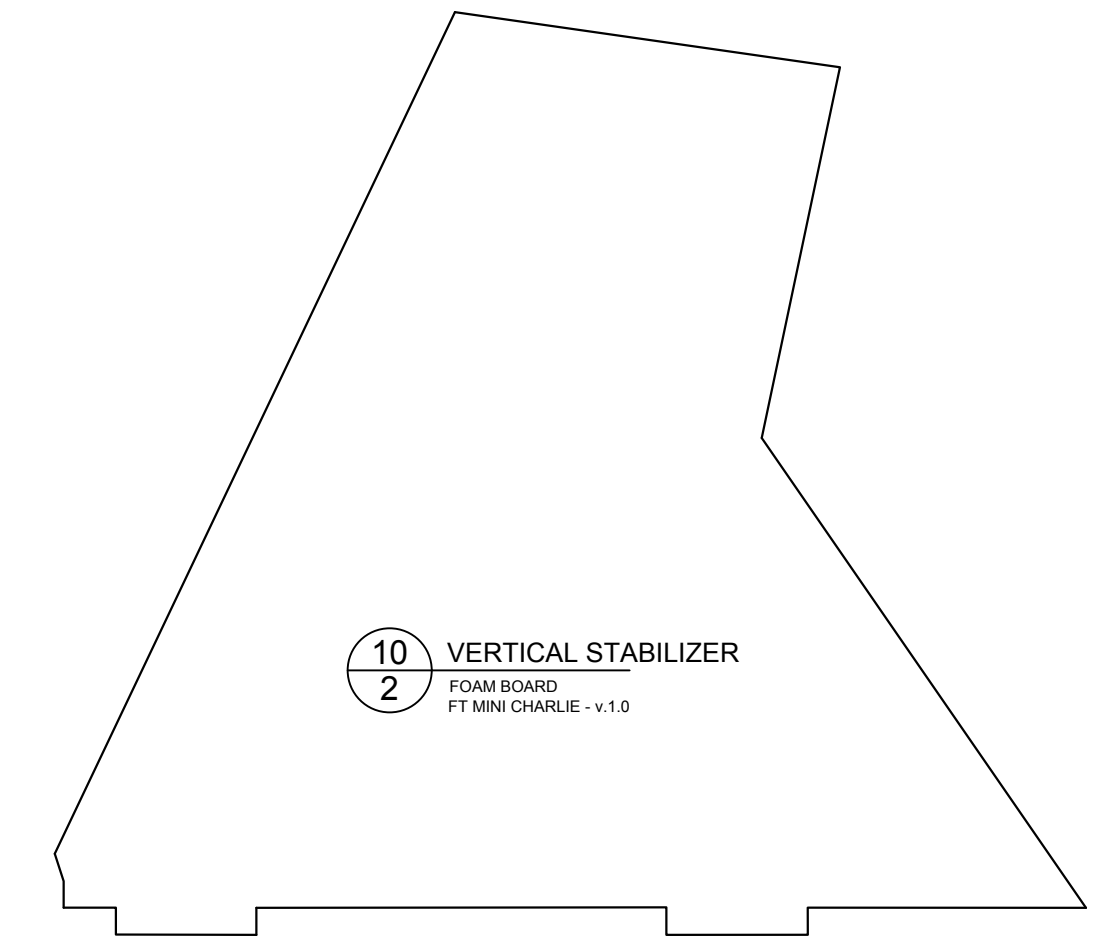
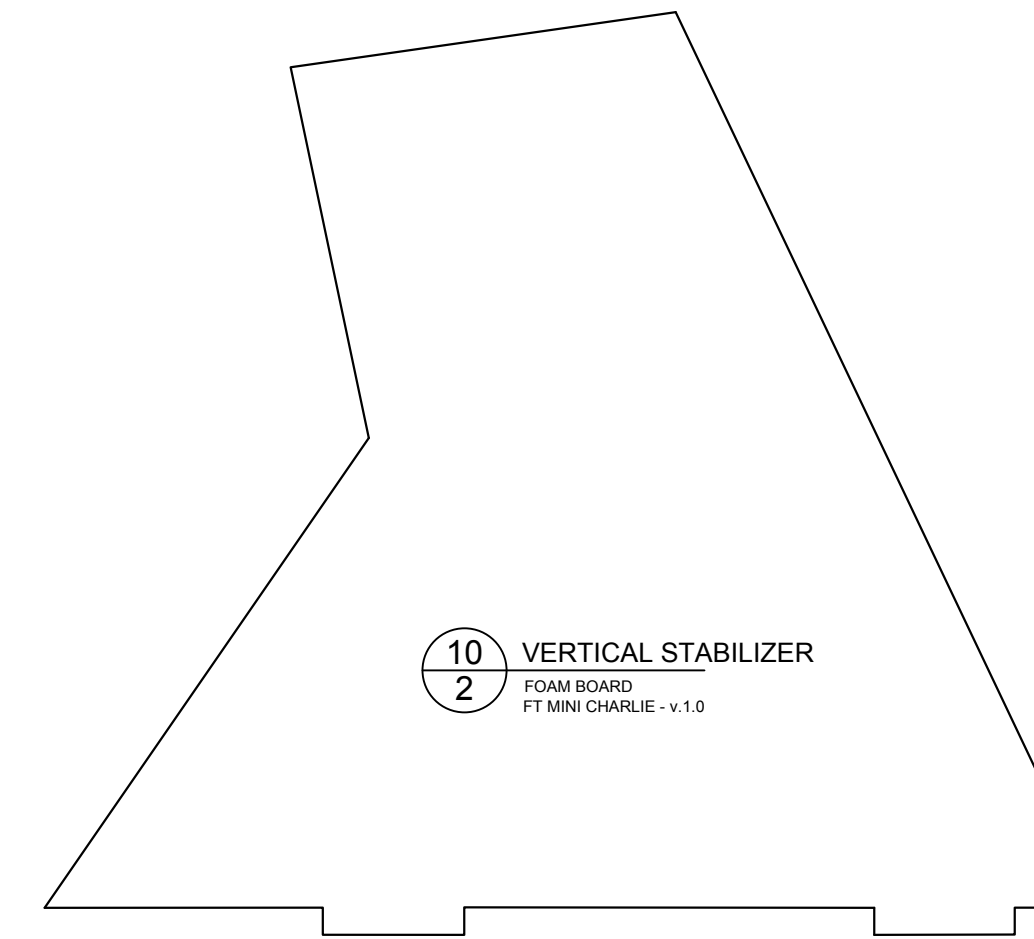
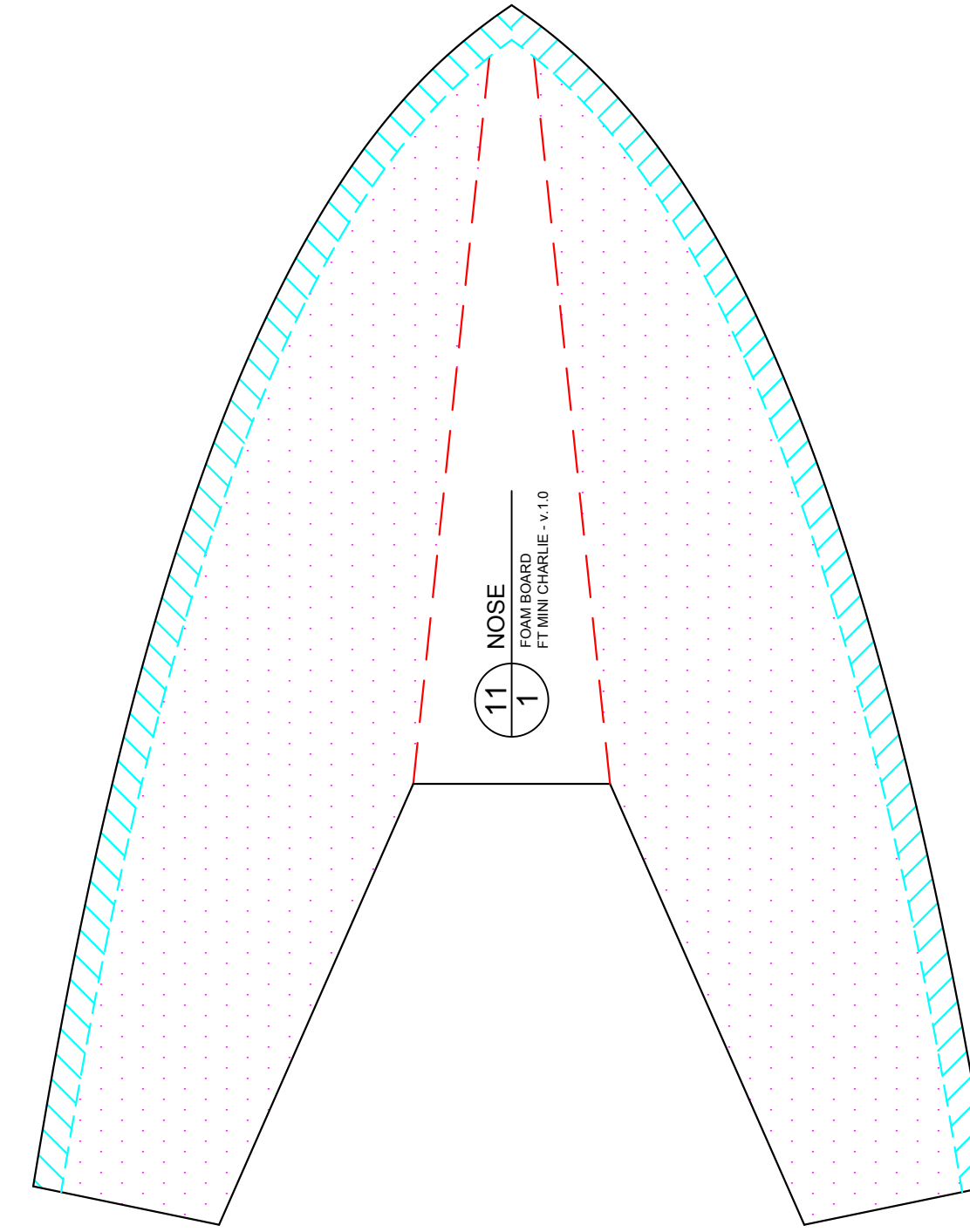
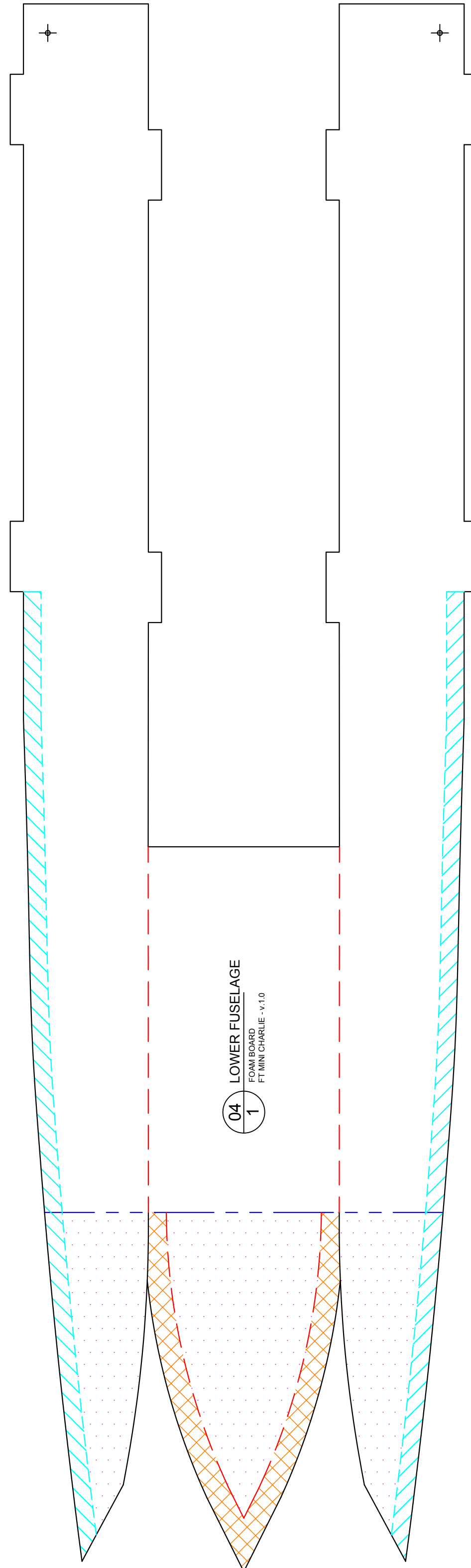
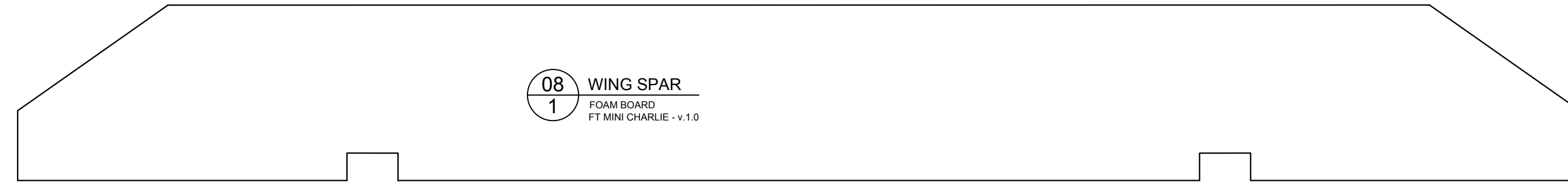
FT Mini Charlie

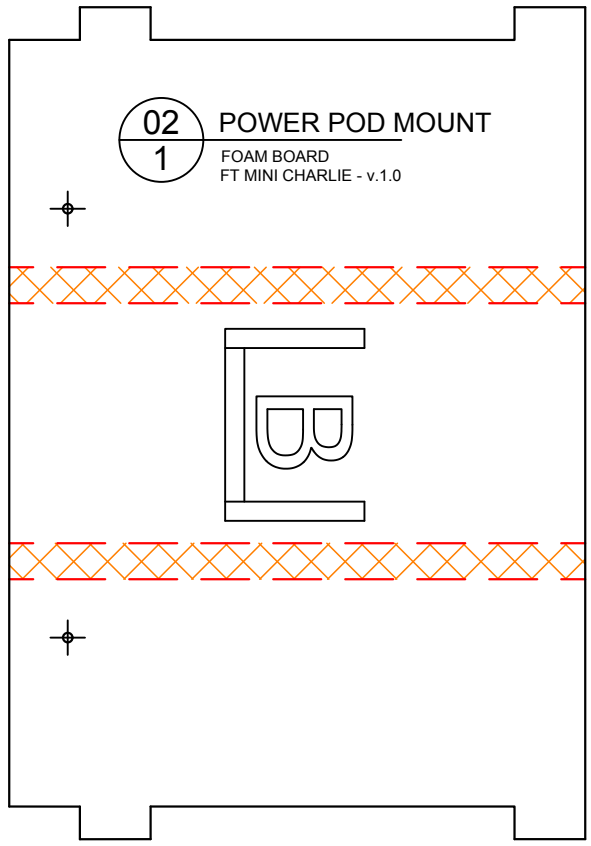
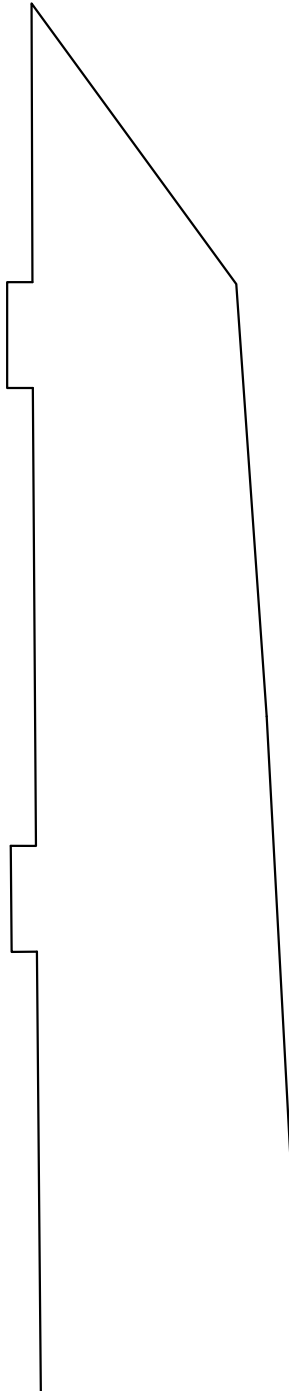
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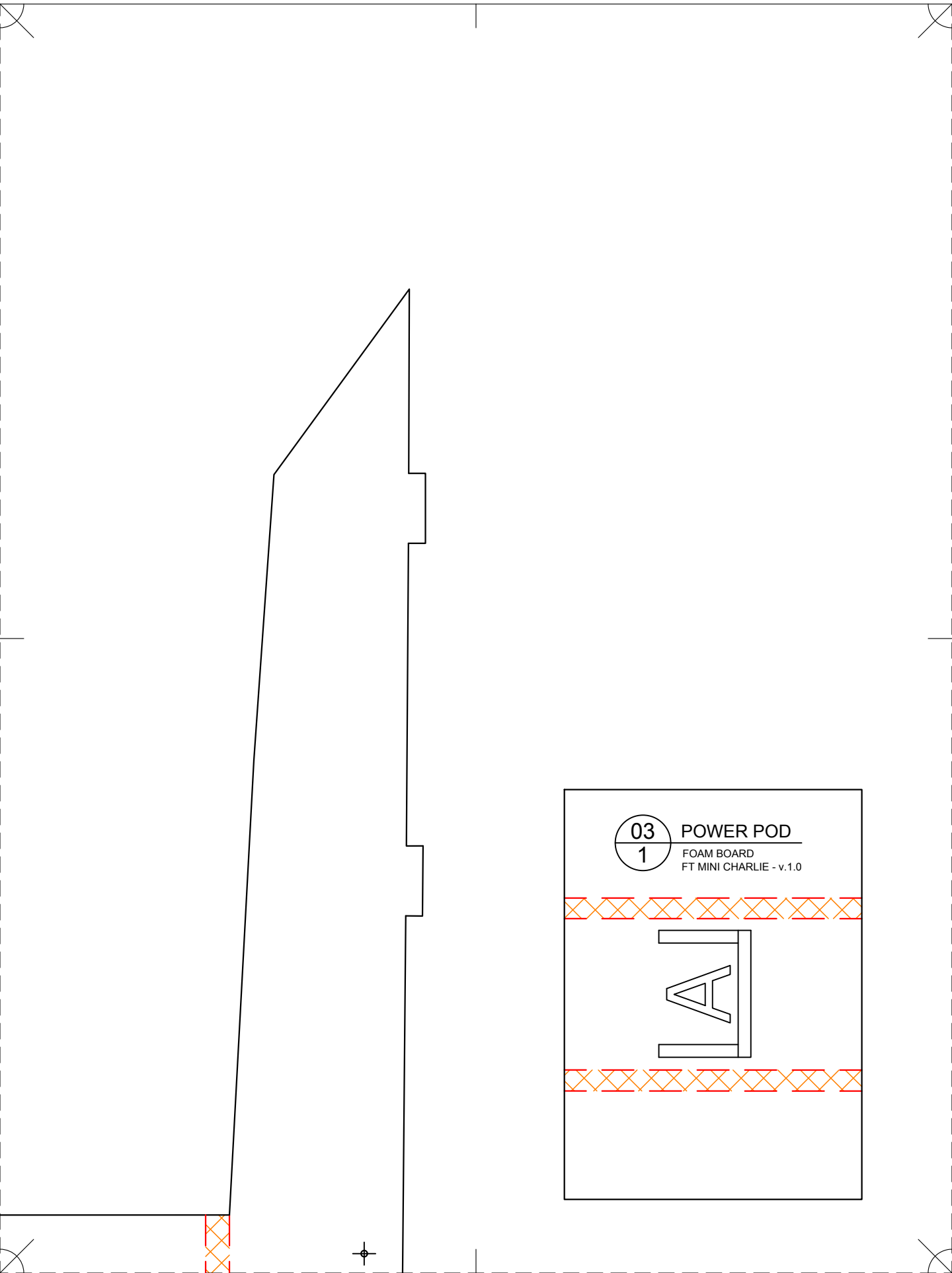
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02 POWER POD MOUNT
1 FOAM BOARD
FT MINI CHARLIE - v.1.0

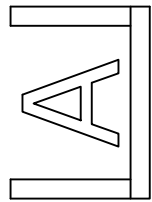


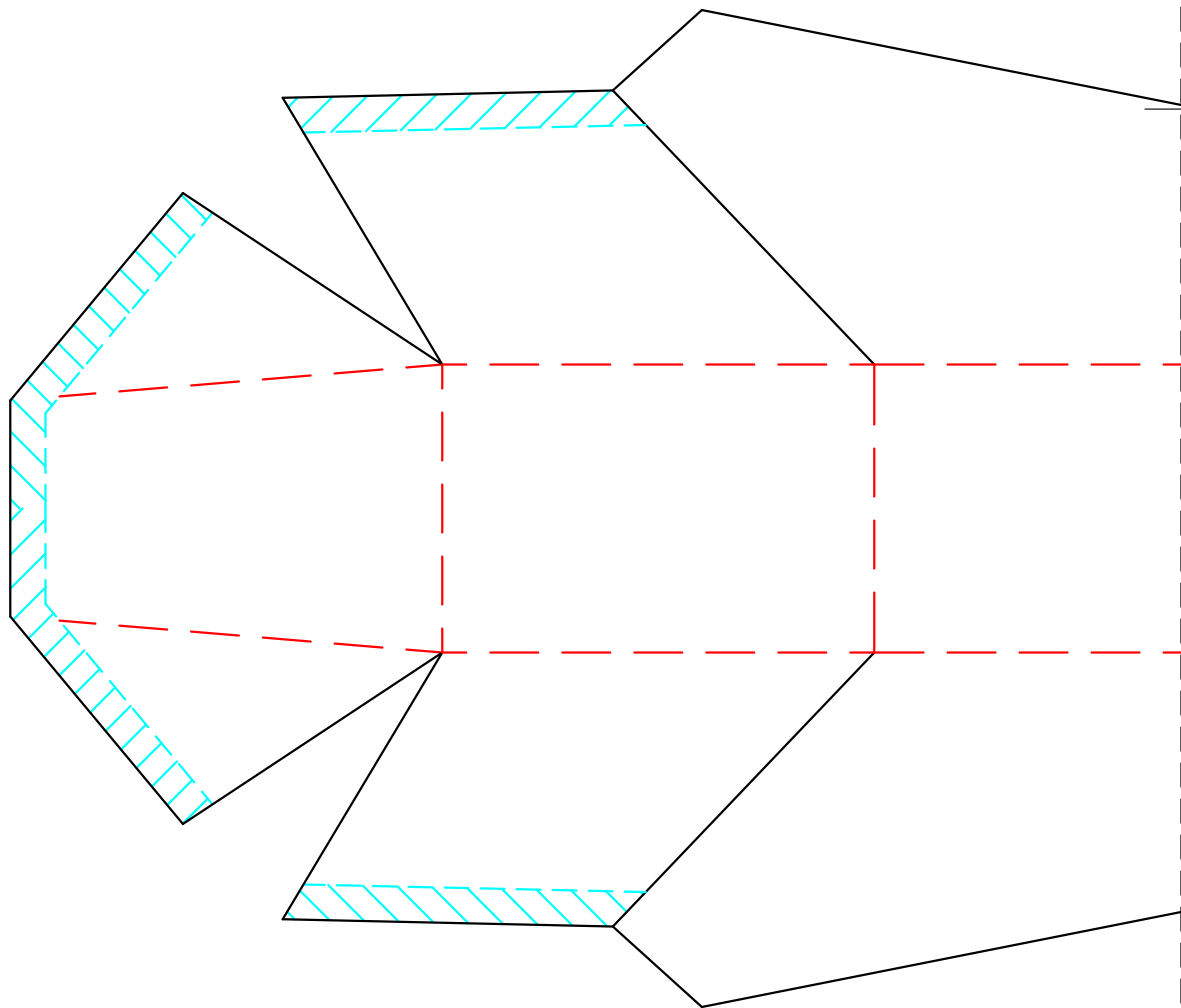
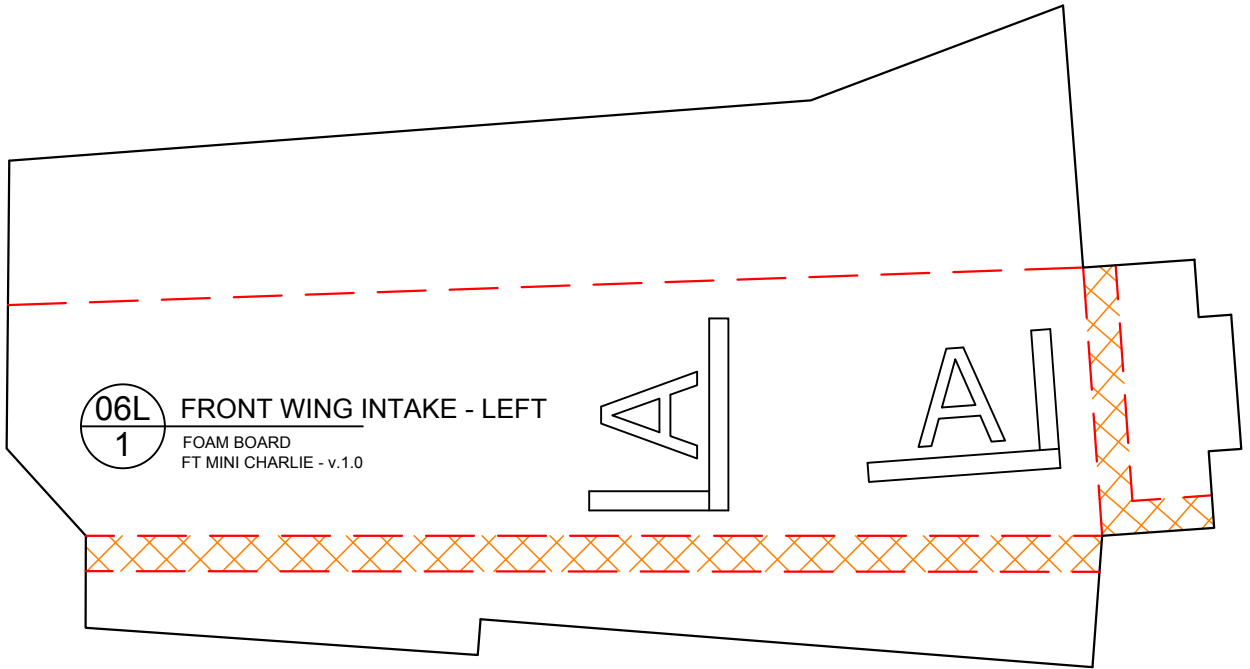


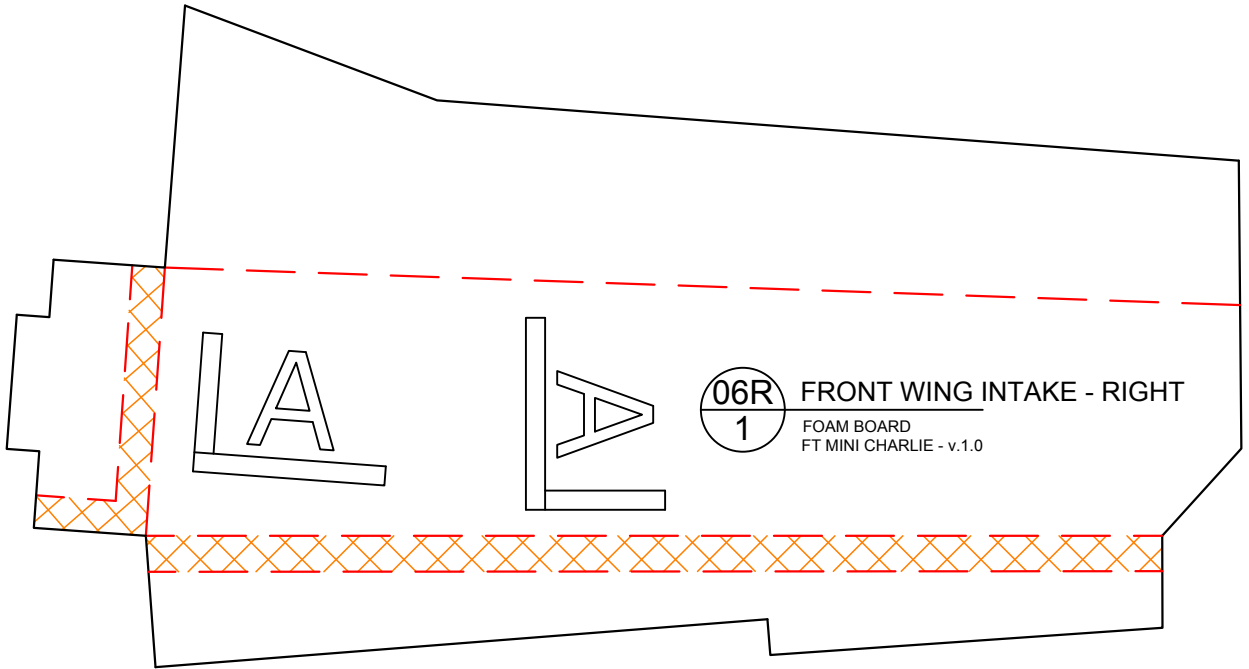
03
1

POWER POD

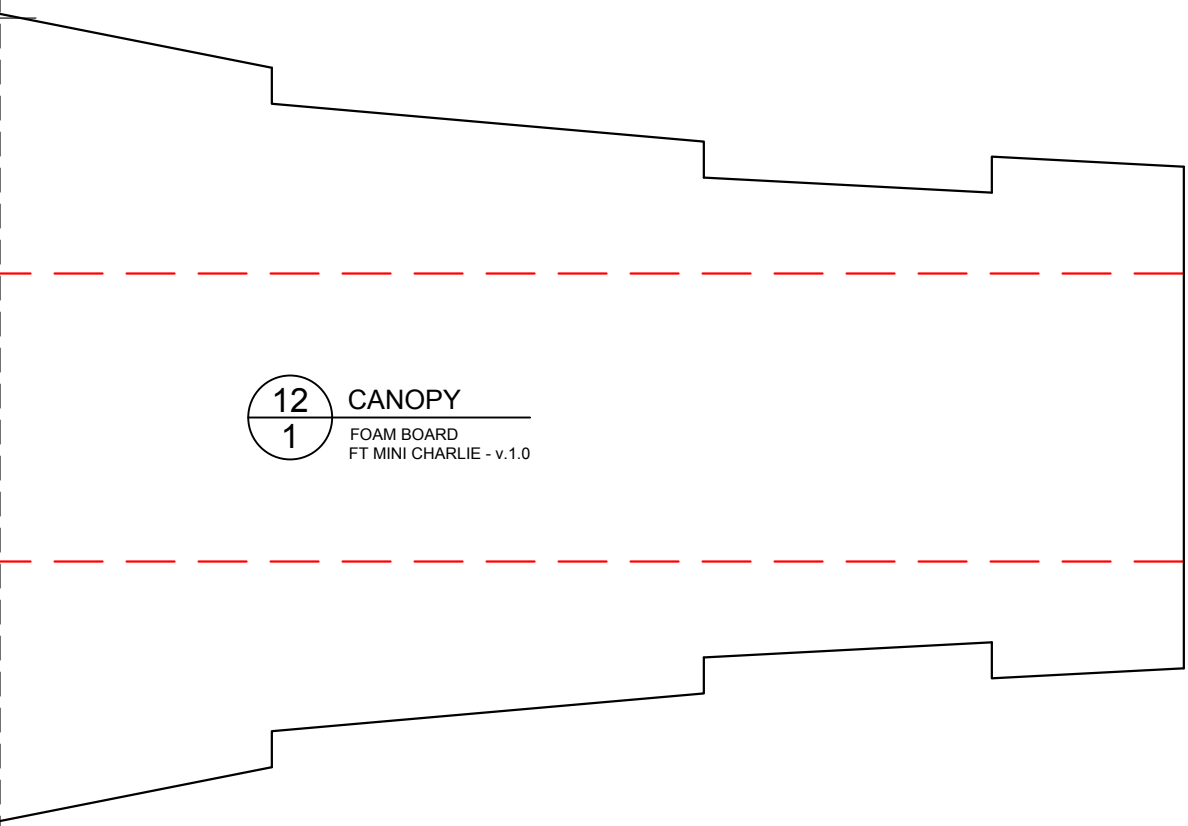
FOAM BOARD
FT MINI CHARLIE - v.1.0







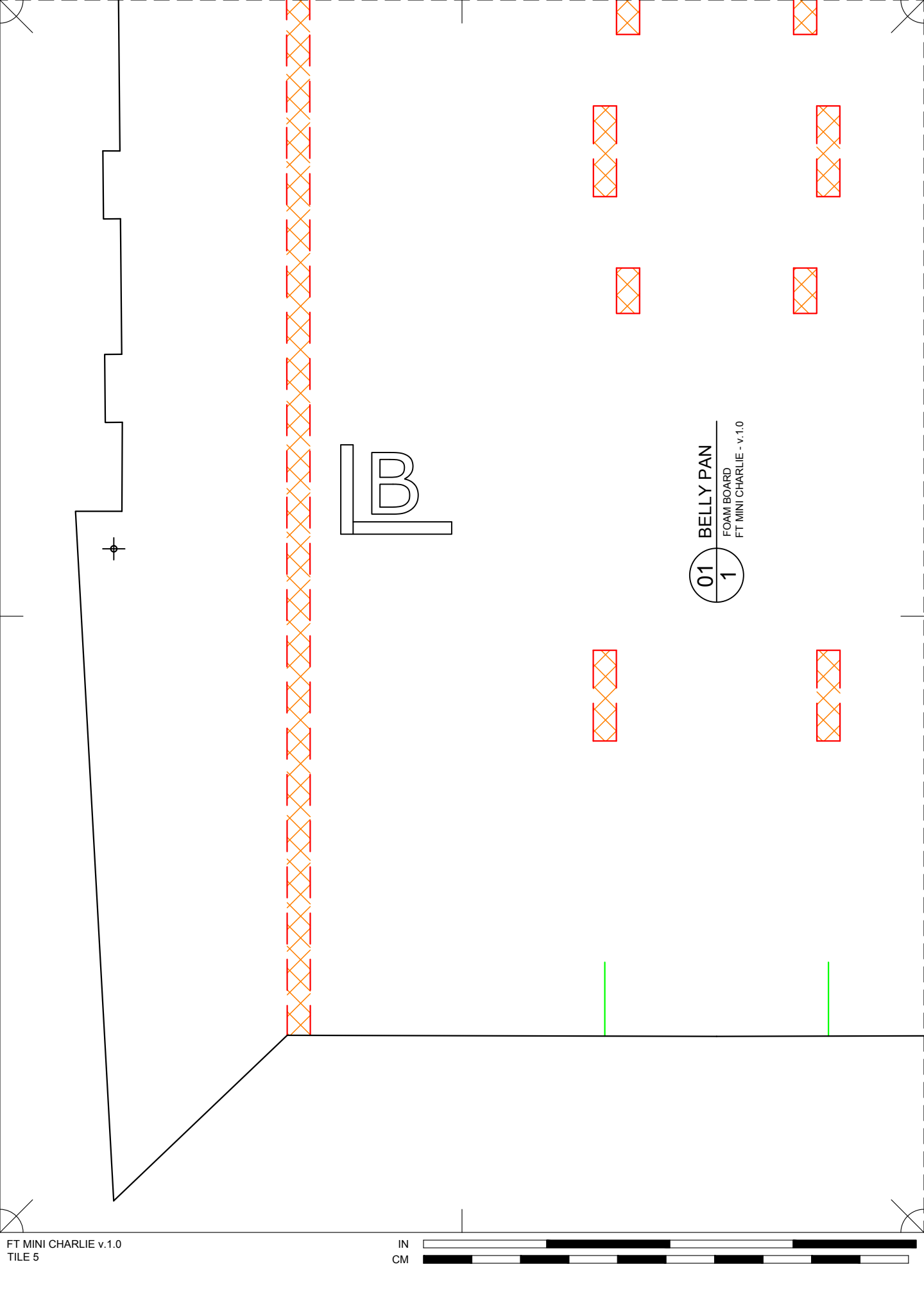
06R FRONT WING INTAKE - RIGHT
1
FOAM BOARD
FT MINI CHARLIE - v.1.0



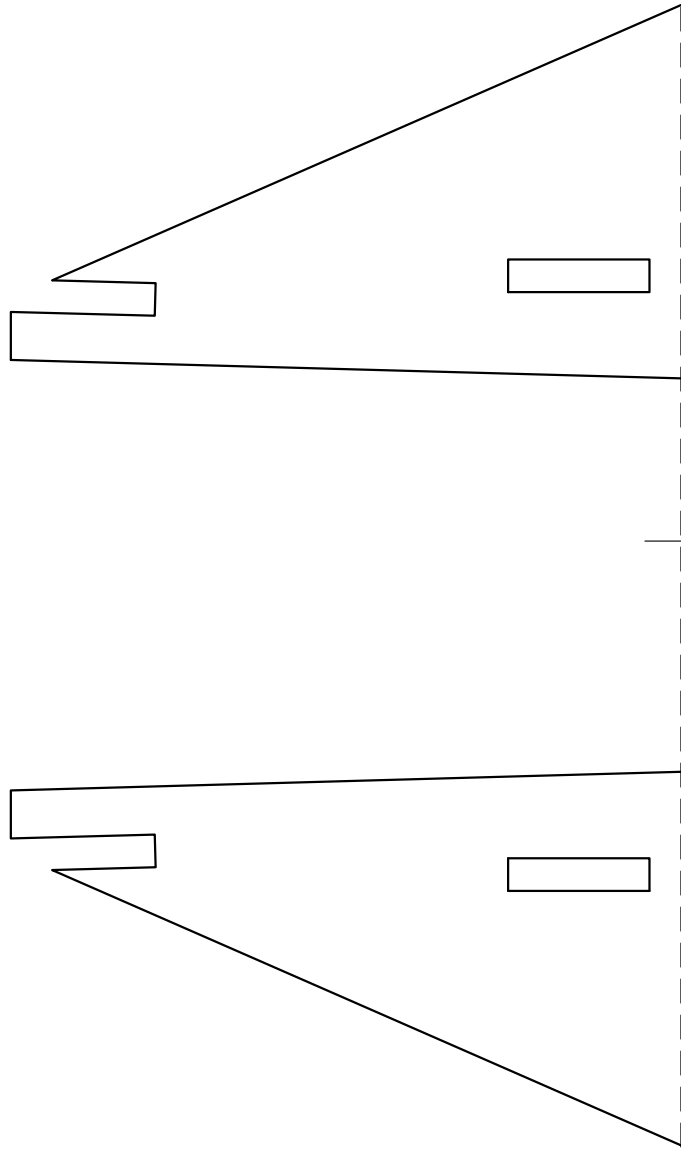
12 CANOPY
1
FOAM BOARD
FT MINI CHARLIE - v.1.0

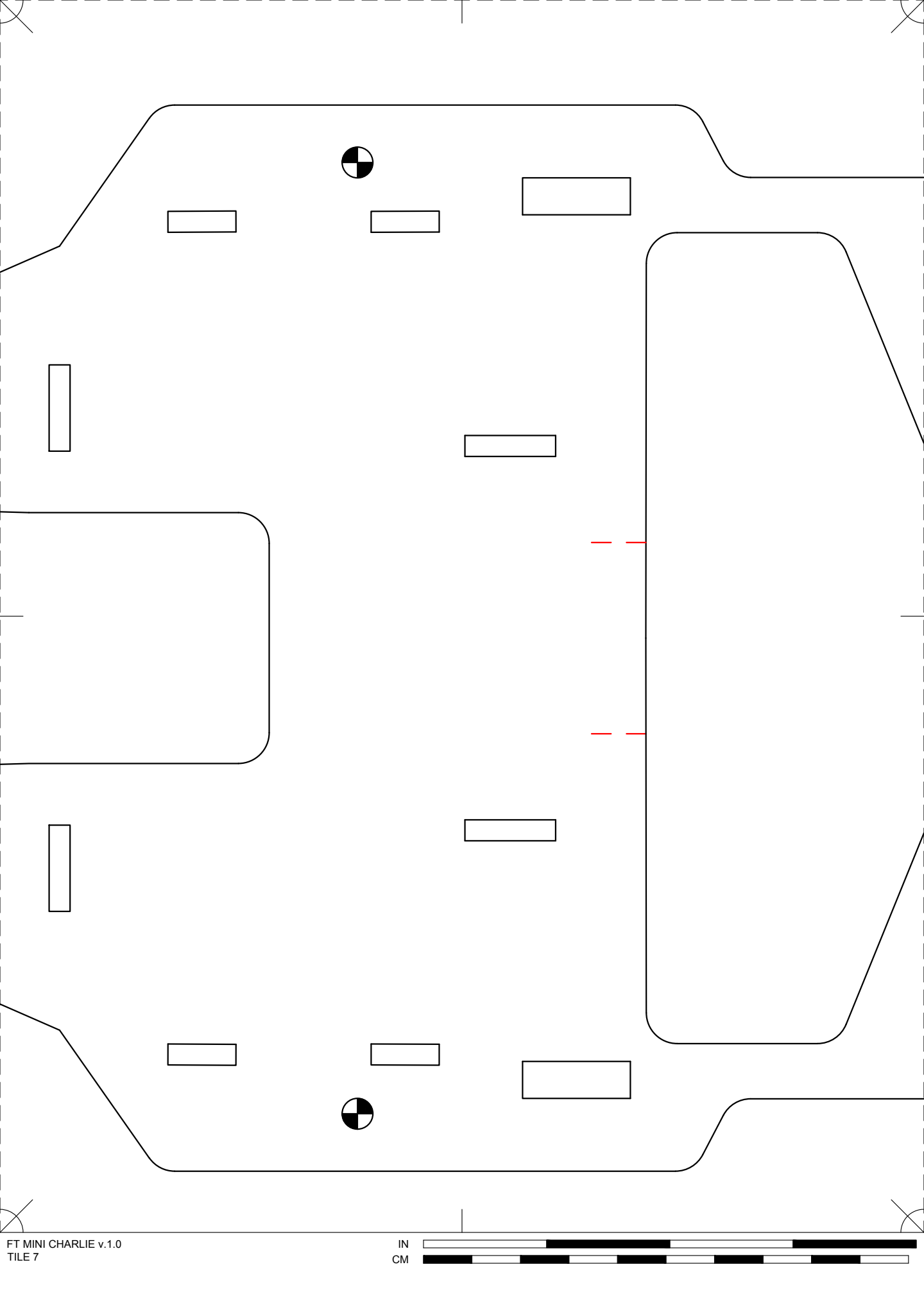
01 BELLY PAN
FOAM BOARD
FT MINI CHARLIE - v.1.0

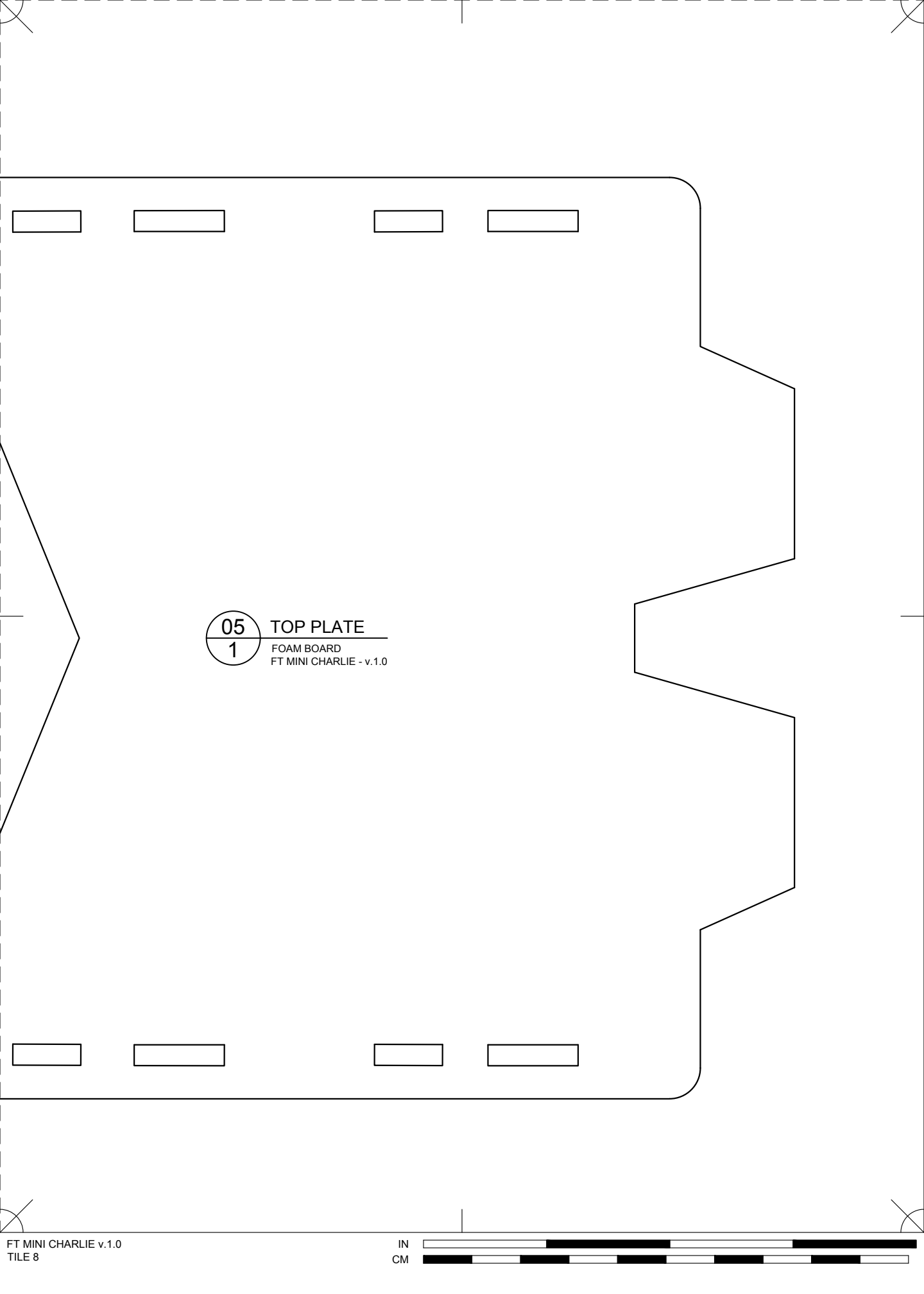
B



B

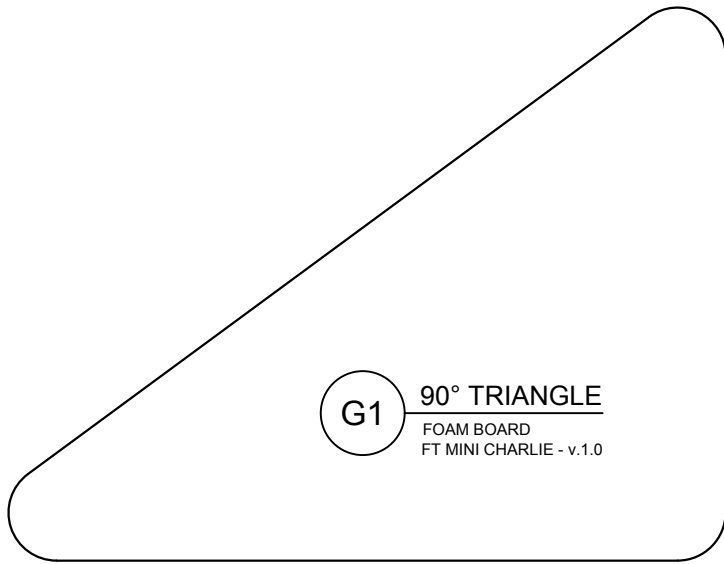




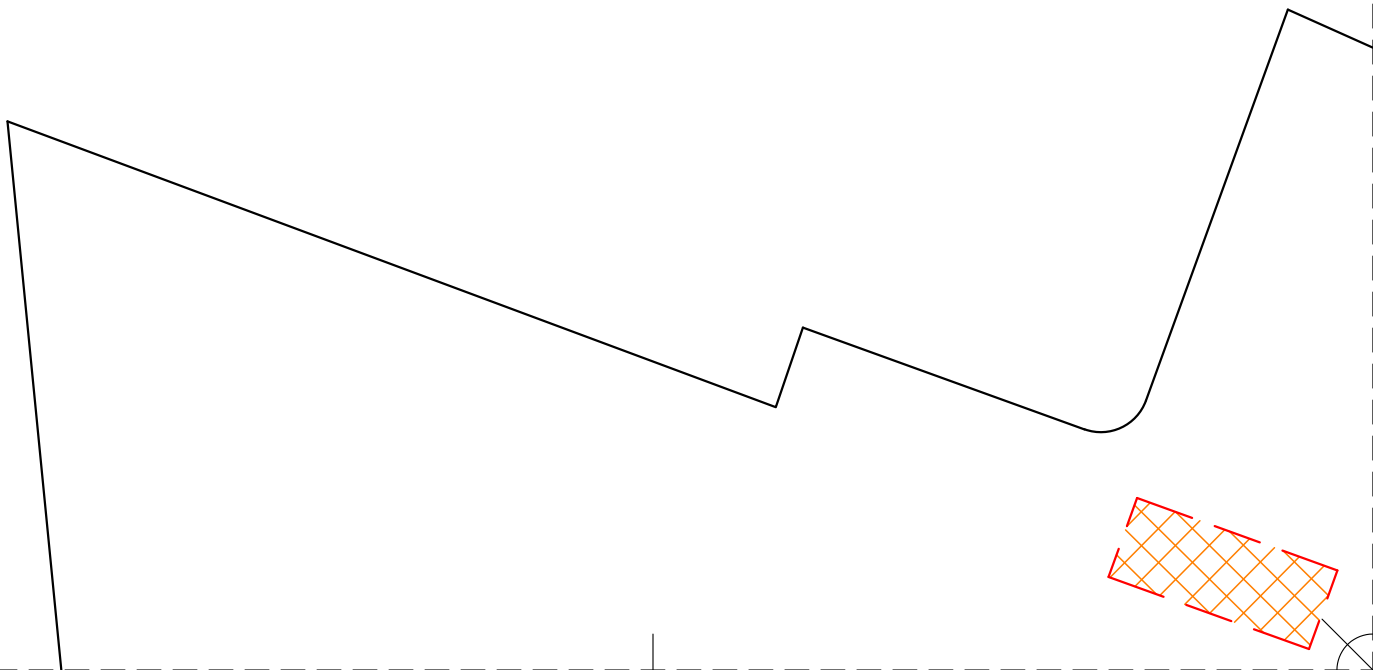


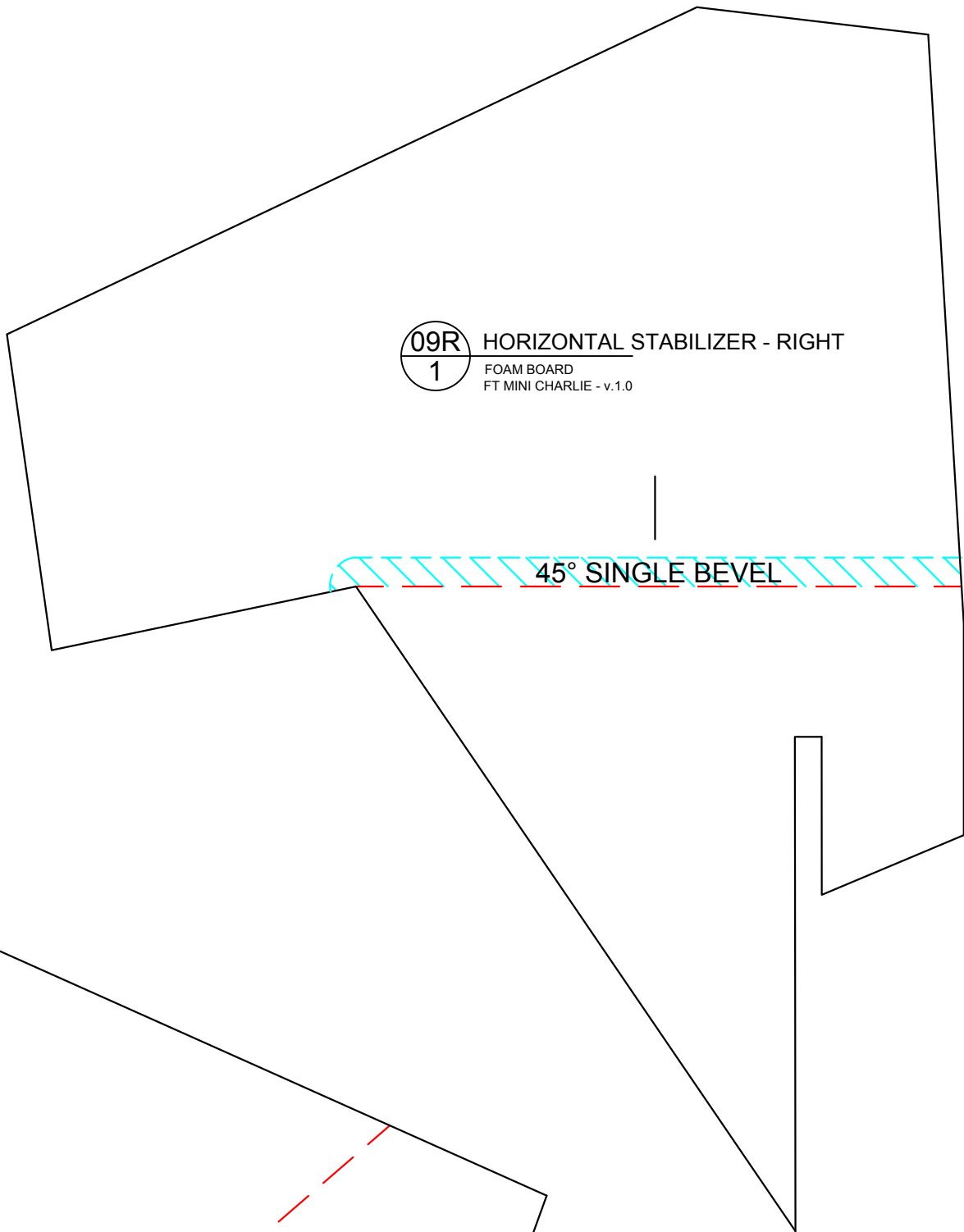
05
1

TOP PLATE
FOAM BOARD
FT MINI CHARLIE - v.1.0



G1 90° TRIANGLE
FOAM BOARD
FT MINI CHARLIE - v.1.0



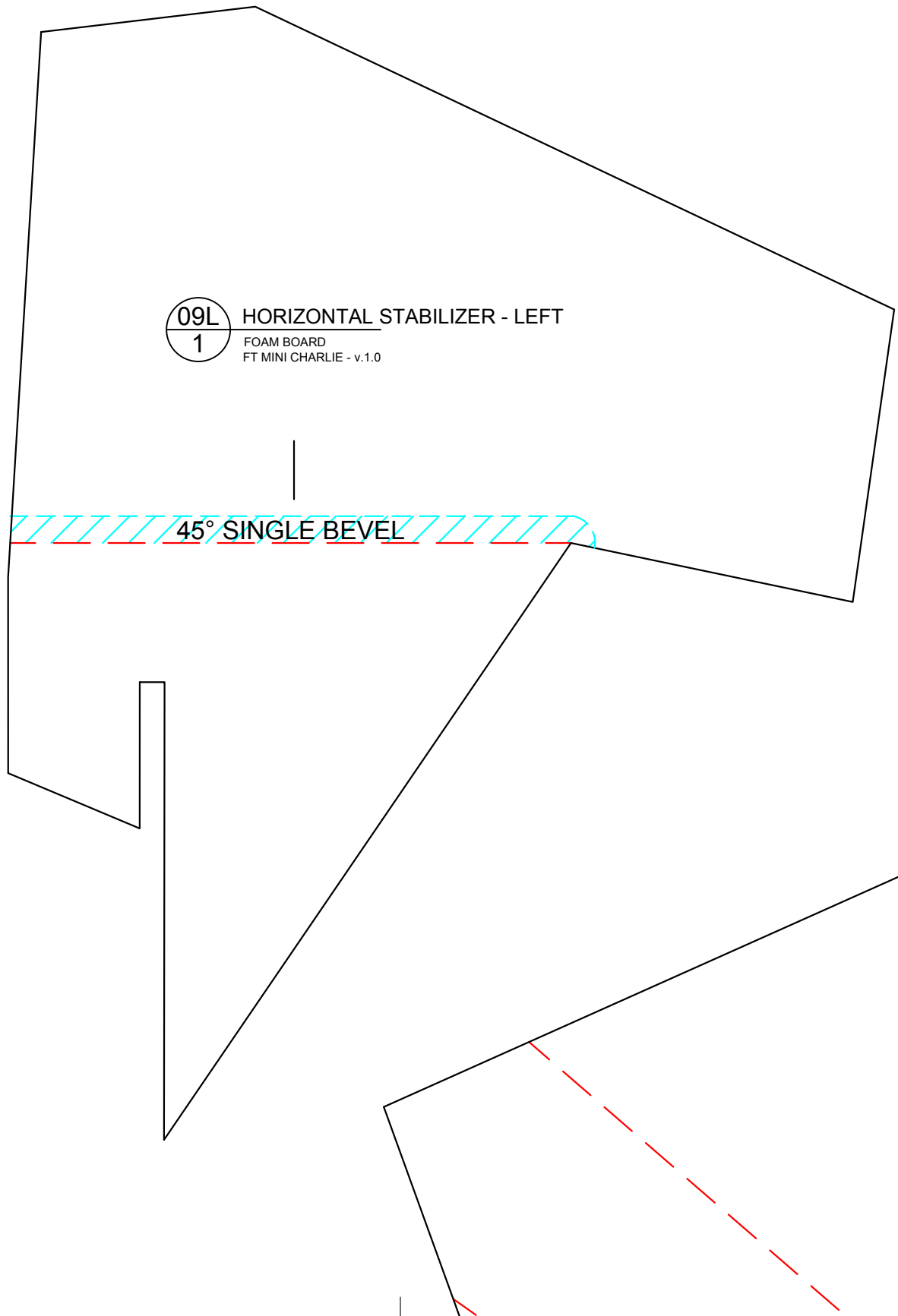


09R
1

HORIZONTAL STABILIZER - RIGHT

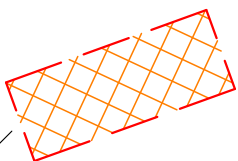
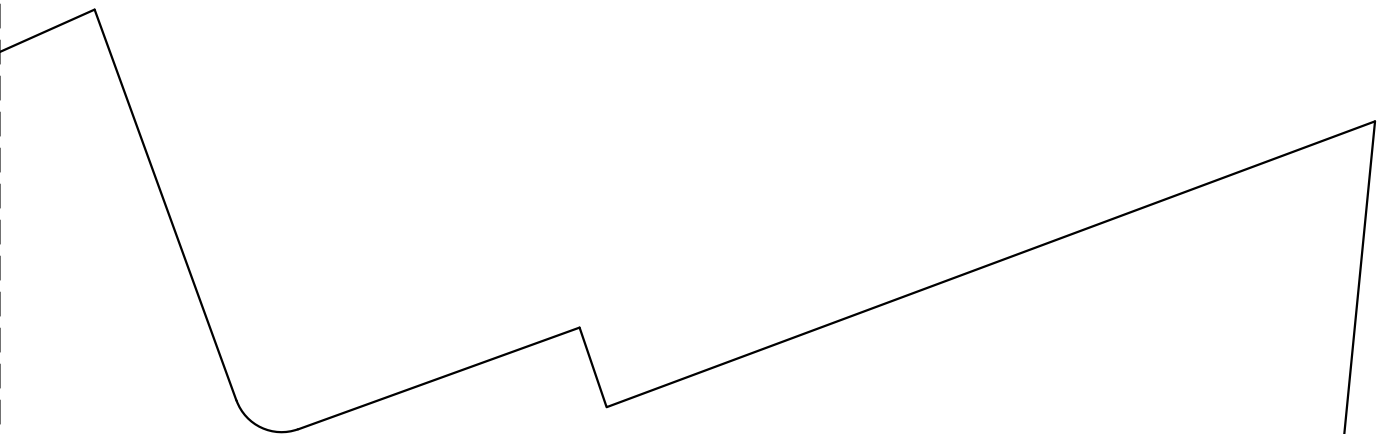
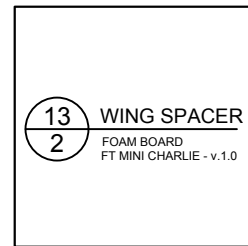
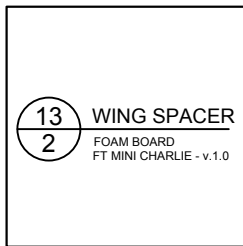
FOAM BOARD
FT MINI CHARLIE - v.1.0

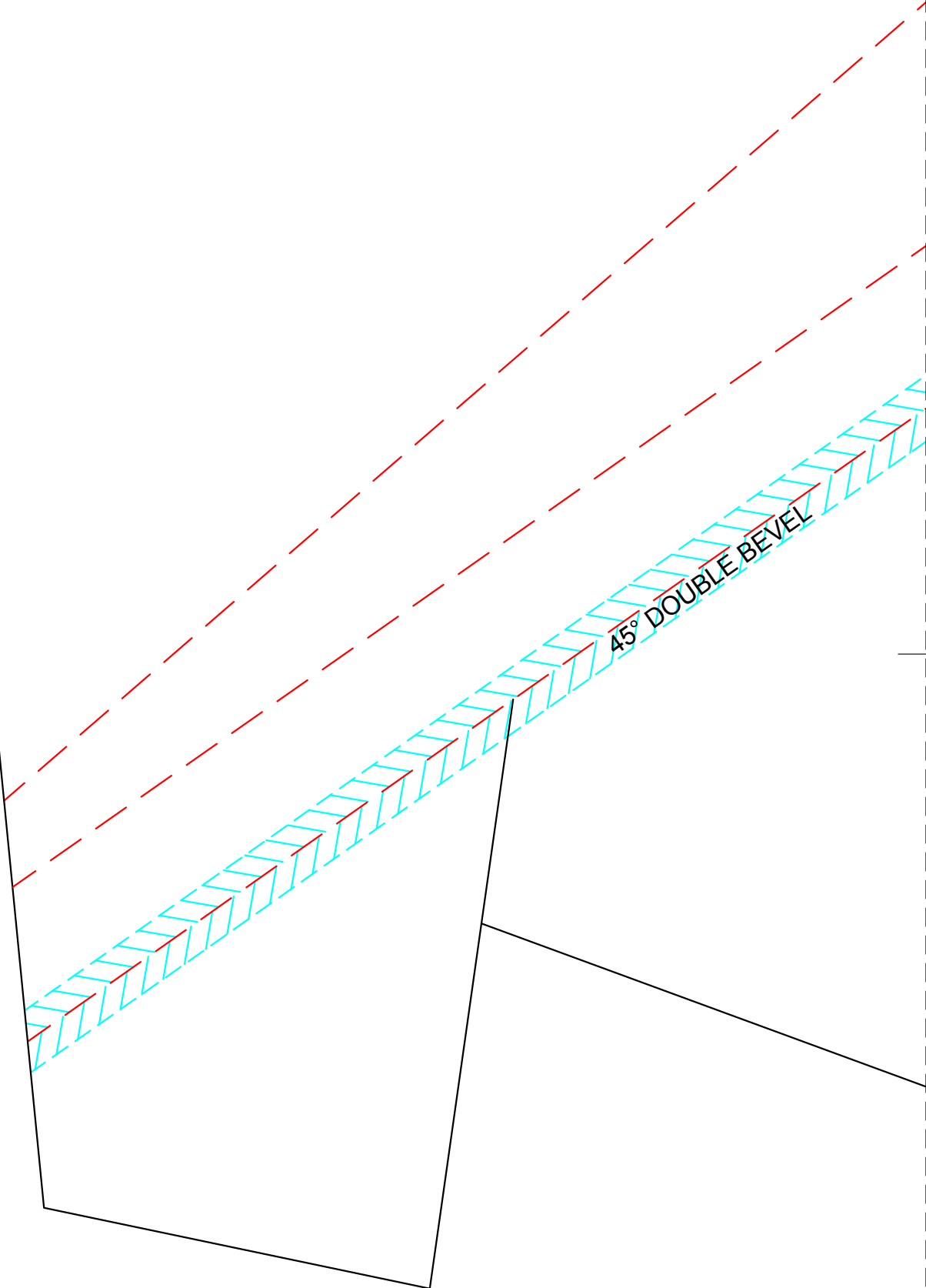
45° SINGLE BEVEL

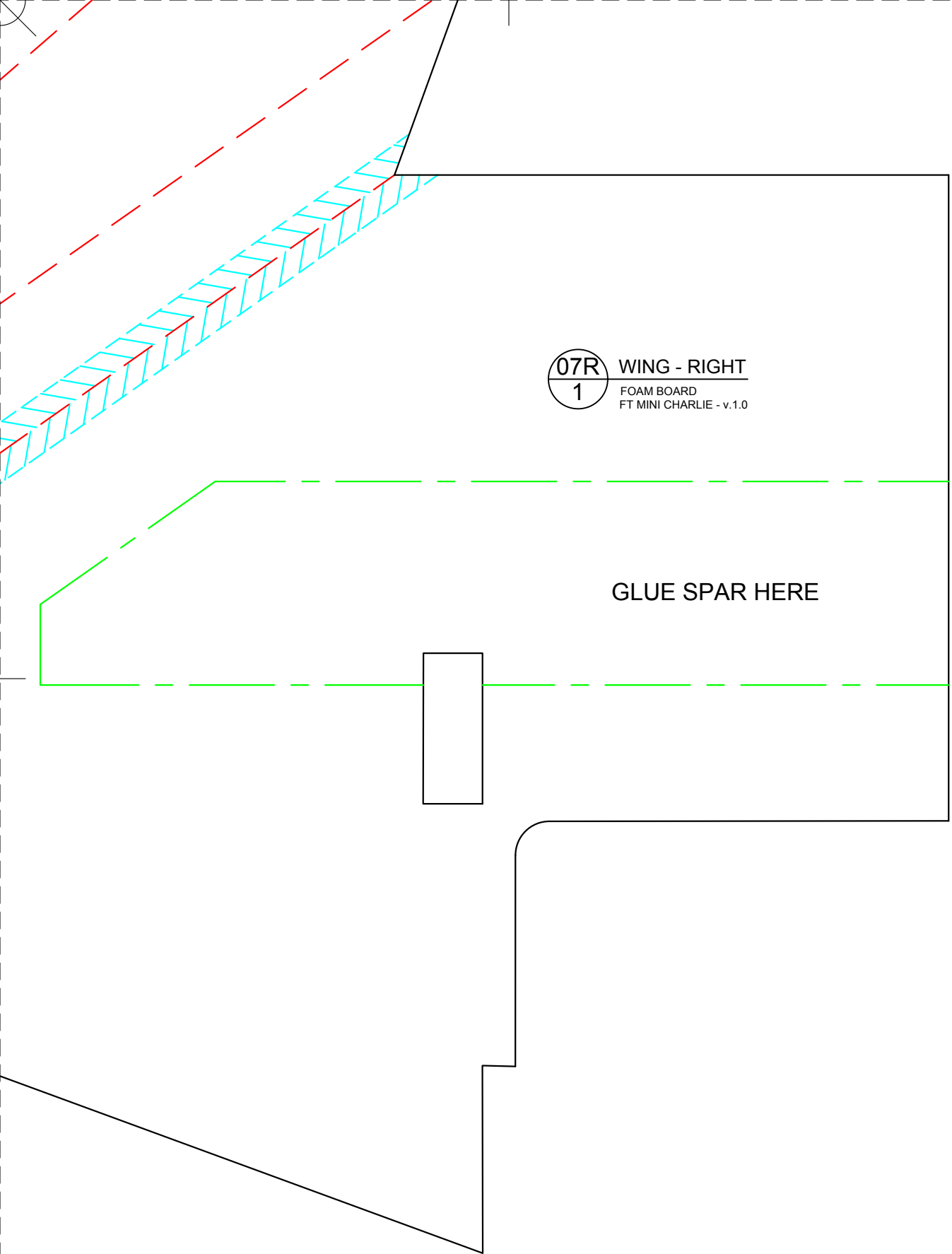


09L
1 HORIZONTAL STABILIZER - LEFT
FOAM BOARD
FT MINI CHARLIE - v.1.0

45° SINGLE BEVEL







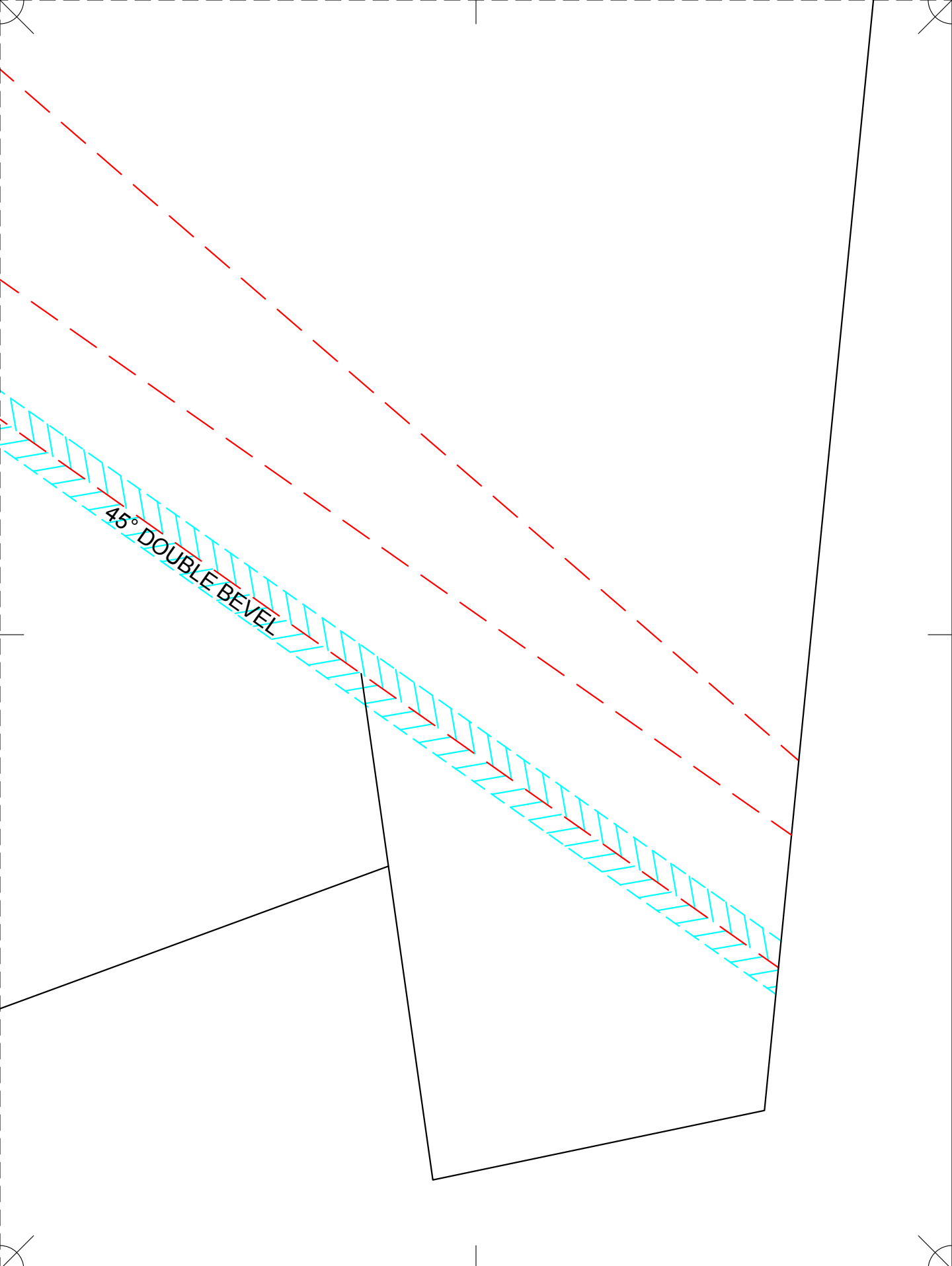
07R WING - RIGHT
1 FOAM BOARD
FT MINI CHARLIE - v.1.0

GLUE SPAR HERE

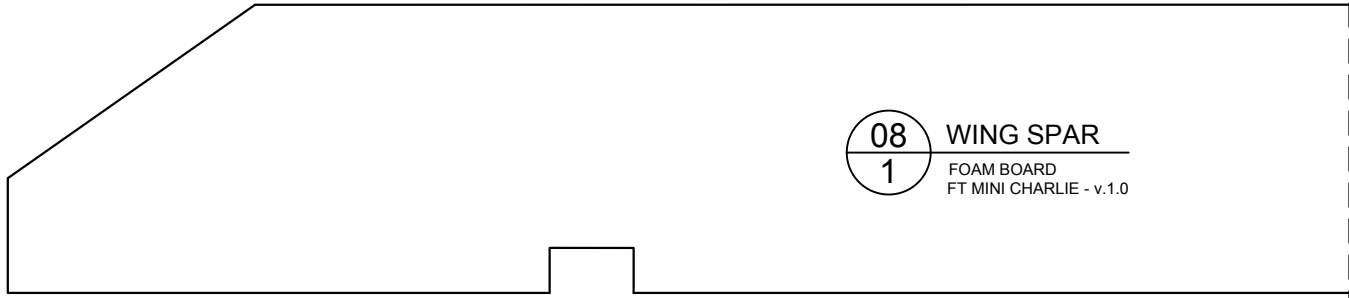
07L
1

WING - LEFT
FOAM BOARD
FT MINI CHARLIE - v.1.0

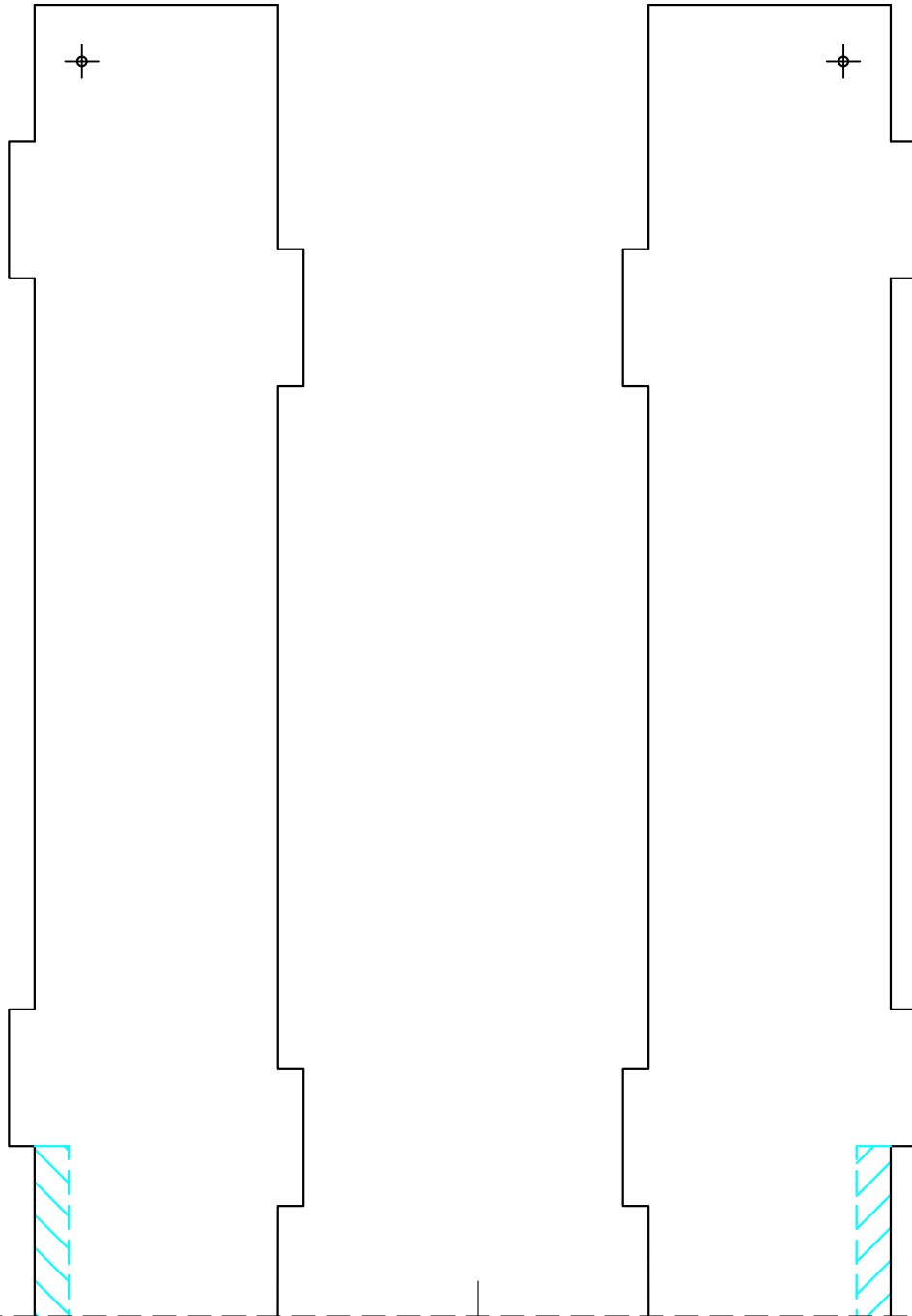
GLUE SPAR HERE

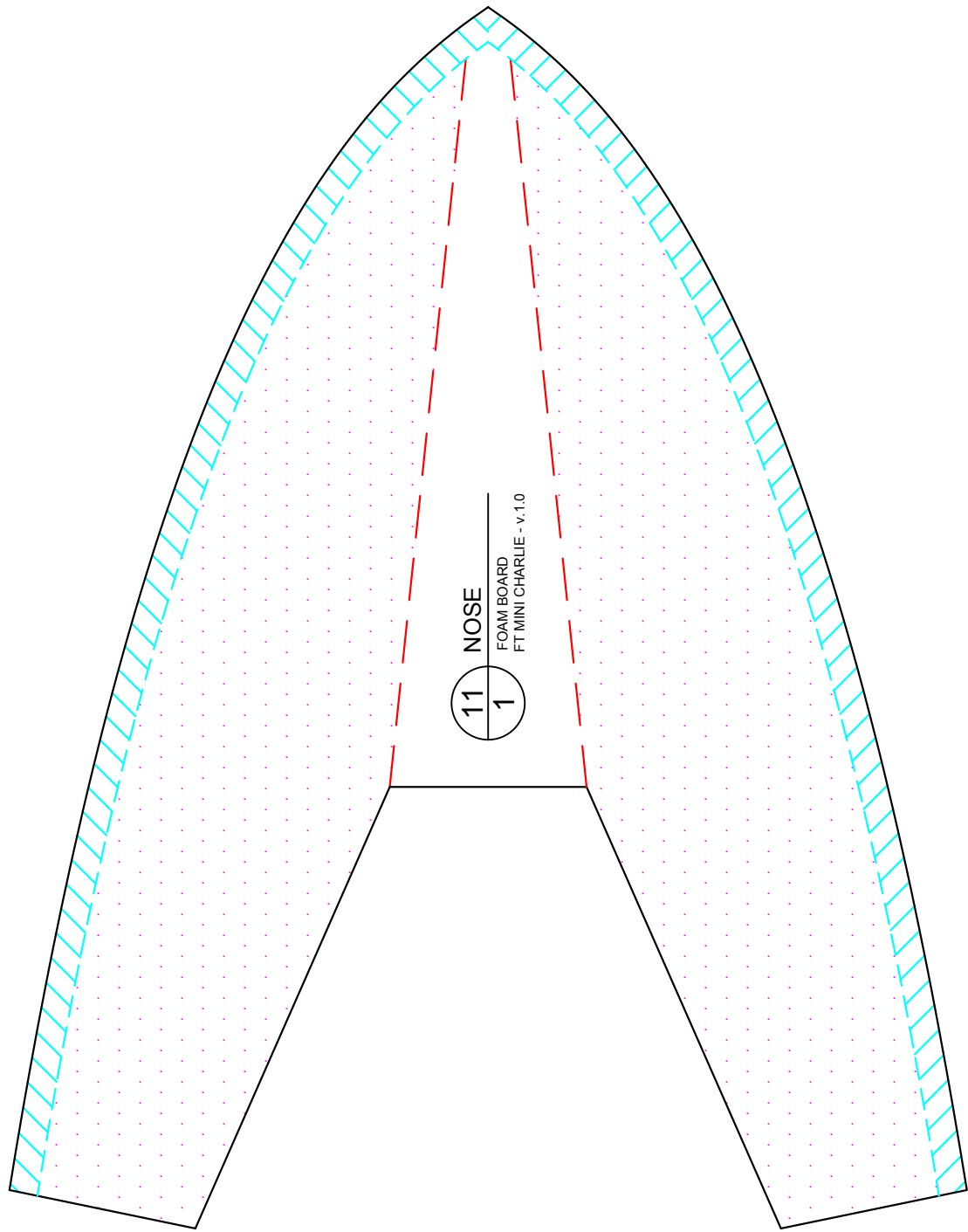
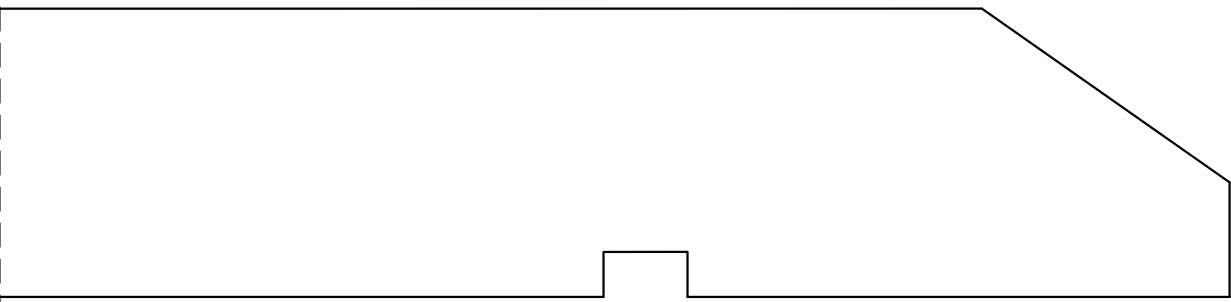


45° DOUBLE BEVEL

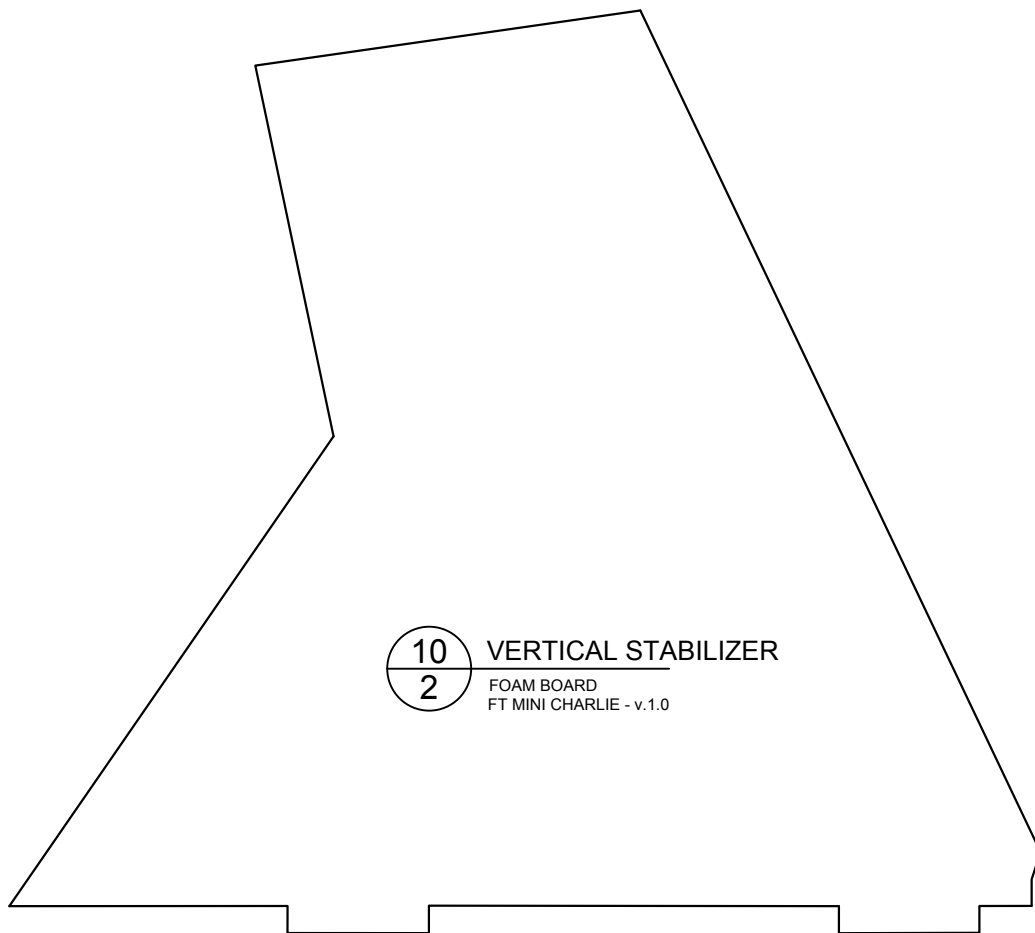


08 WING SPAR
1 FOAM BOARD
FT MINI CHARLIE - v.1.0





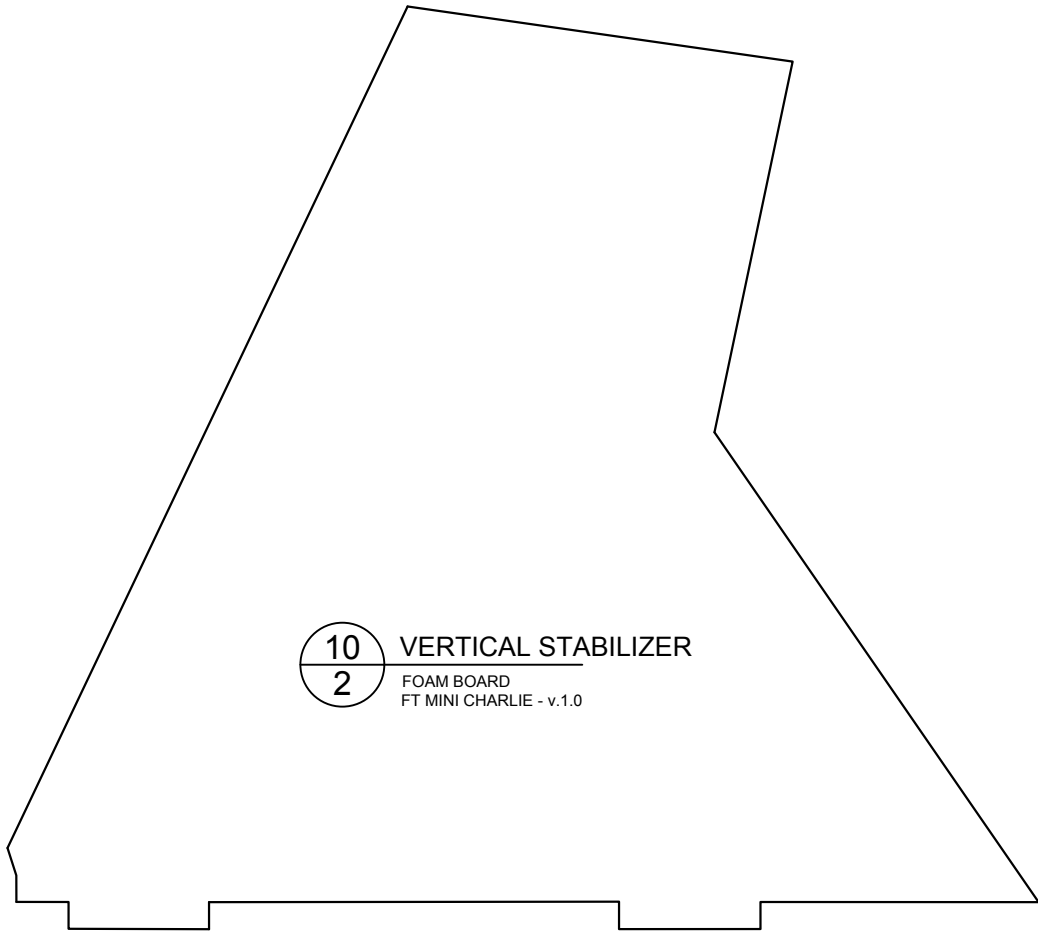
11 NOSE
1
FOAM BOARD
FT MINI CHARLIE - v.1.0



10
2

VERTICAL STABILIZER

FOAM BOARD
FT MINI CHARLIE - v.1.0



10
2

VERTICAL STABILIZER

FOAM BOARD
FT MINI CHARLIE - v.1.0

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

