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FT Otter

Designed By: Peter Sripol
Drawing By: Dan Sponholz



SPECIFICATIONS

DESCRIPTION		IMPERIAL	METRIC
LENGTH		32 in	813 mm
CENTER OF GRAVITY	CG	2.5 in	64 mm
WING SPAN		40 in	1016 mm
WING AREA		302 in ²	19.5 dm ²
DRY WEIGHT		15.1 oz	428 g
ALL UP WEIGHT	AUW	2.6 oz	612 g
WING LOADING	WL	10.3 oz/ft ²	31.4 g/dm ²
WING CUBIC LOADING	WCL	7.1	

RECOMMENDED SETTINGS

	THROW	EXPO
AILERON	12°	30%
ELEVATOR	12°	30%
RUDDER	12°	30%



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

25	26	27	28
29	30	31	32



DRAWING KEY

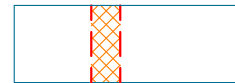
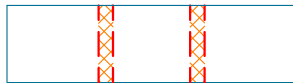
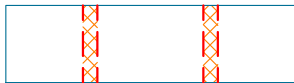
FOLD TYPES



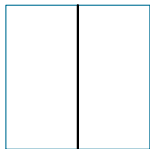
A - FOLD (ABOVE)

B - FOLD (BESIDE)

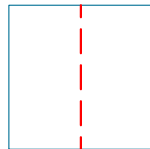
C - FOLD (COVER)



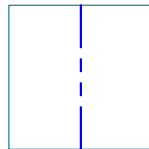
LINE TYPE/COLOR



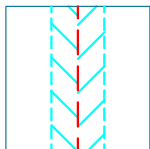
CUT



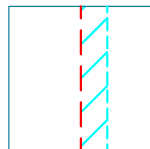
50% SCORE



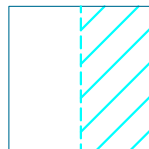
CREASE



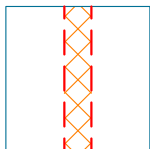
45° DOUBLE
BEVEL



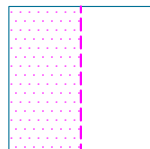
45° SINGLE
BEVEL



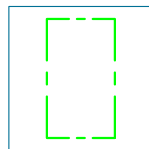
EDGE
BEVEL



CAVITY



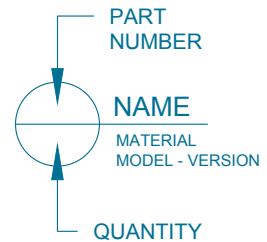
REMOVE
PAPER



REFERENCE/
OPTIONAL



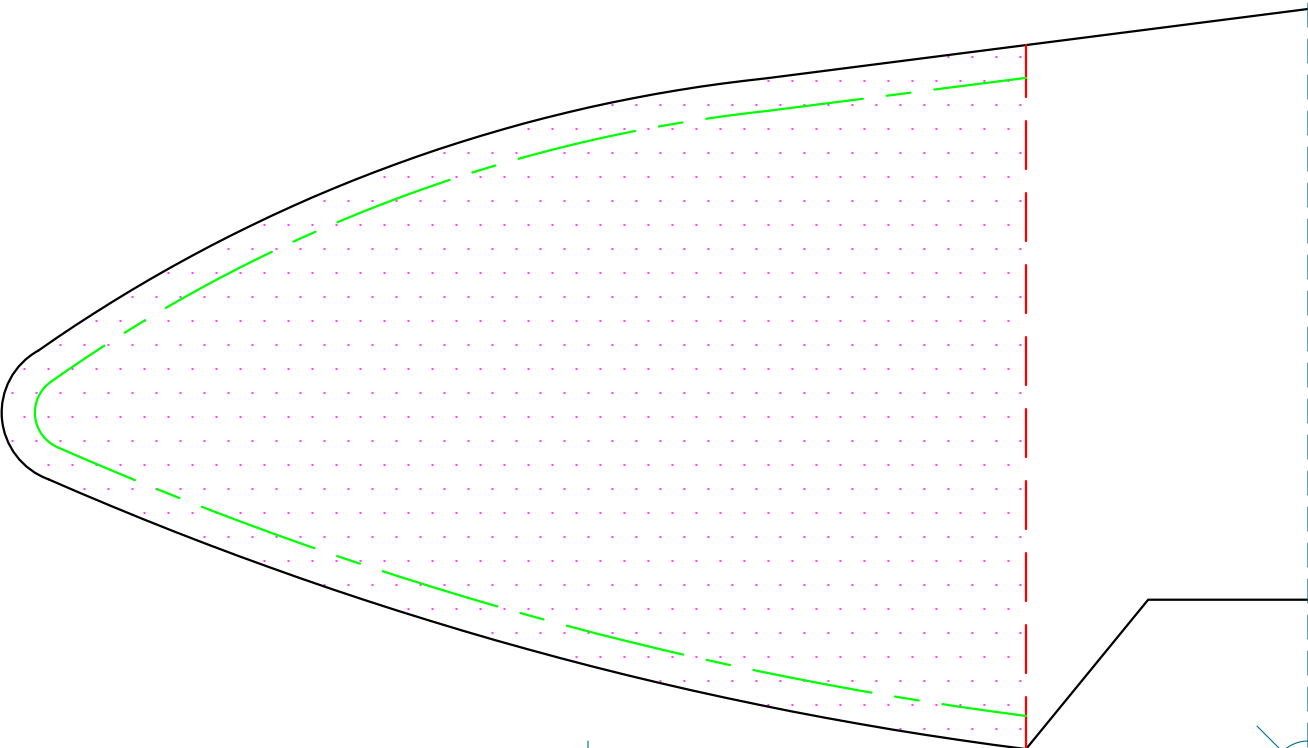
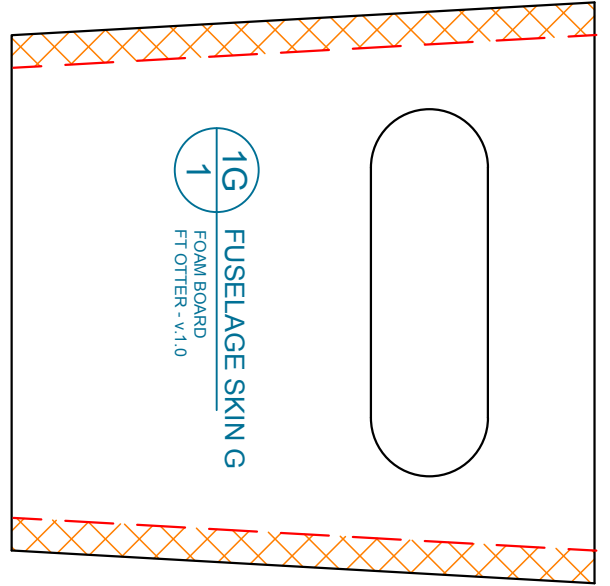
SYMBOLS

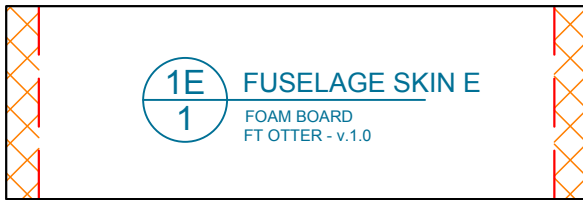
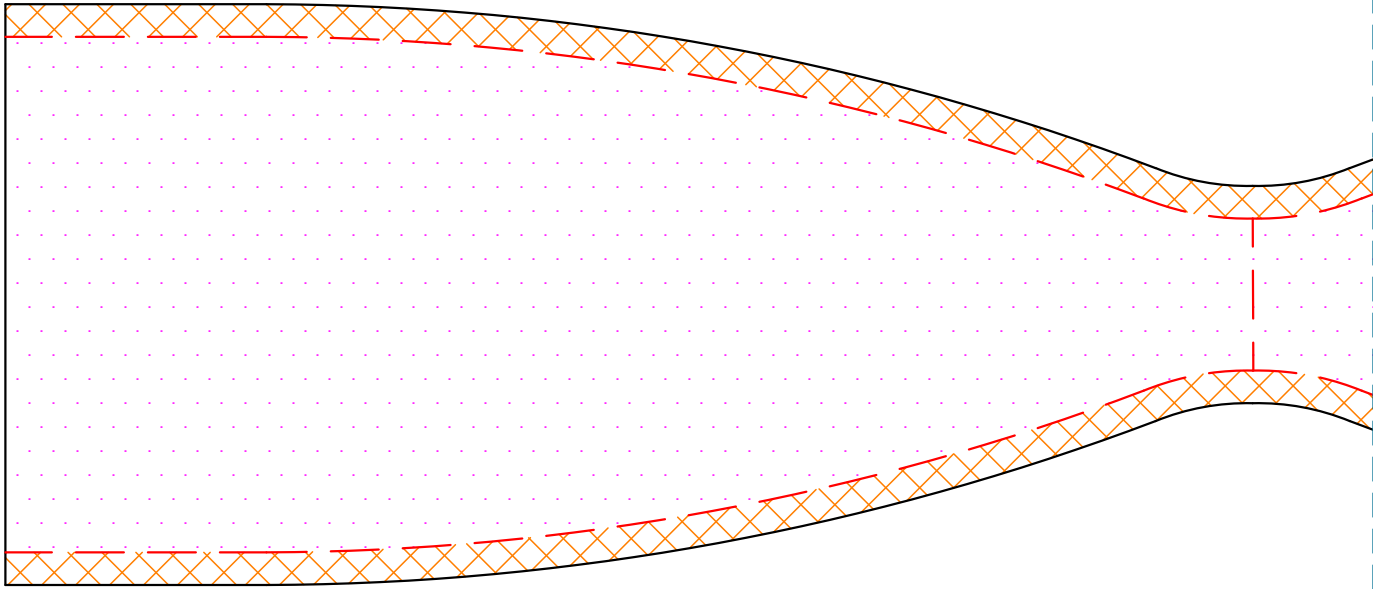


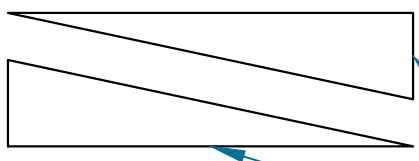
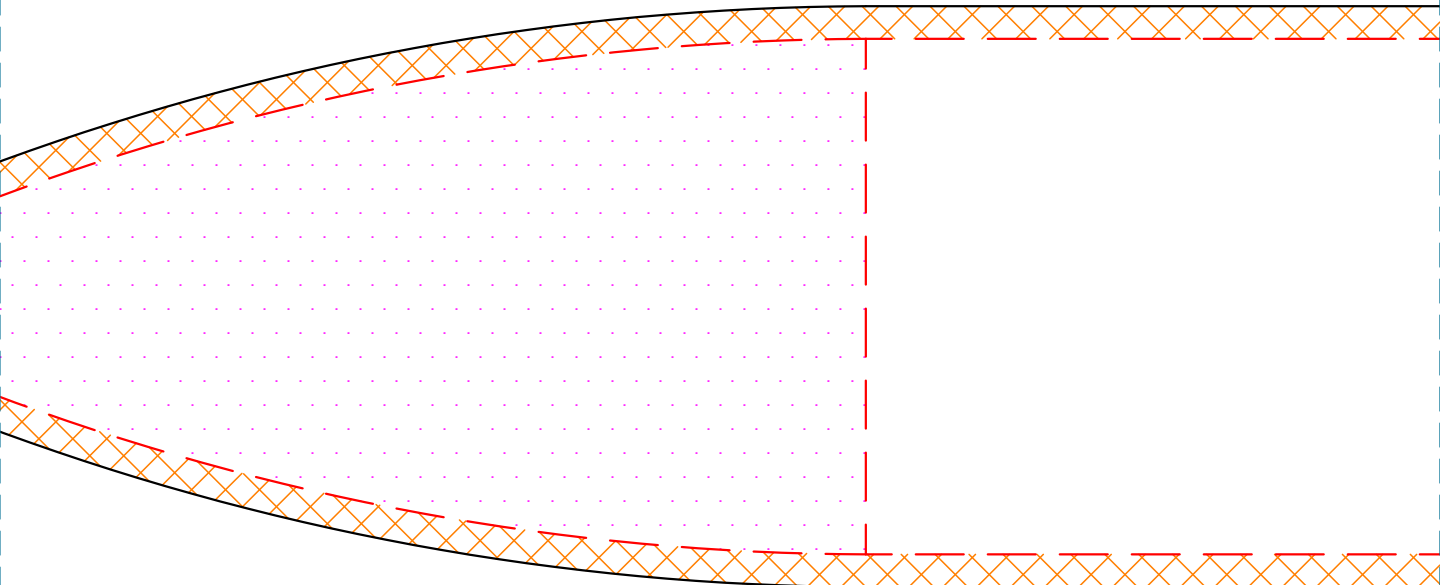
MIRRORED
PART



CENTER
OF
GRAVITY
(CG)

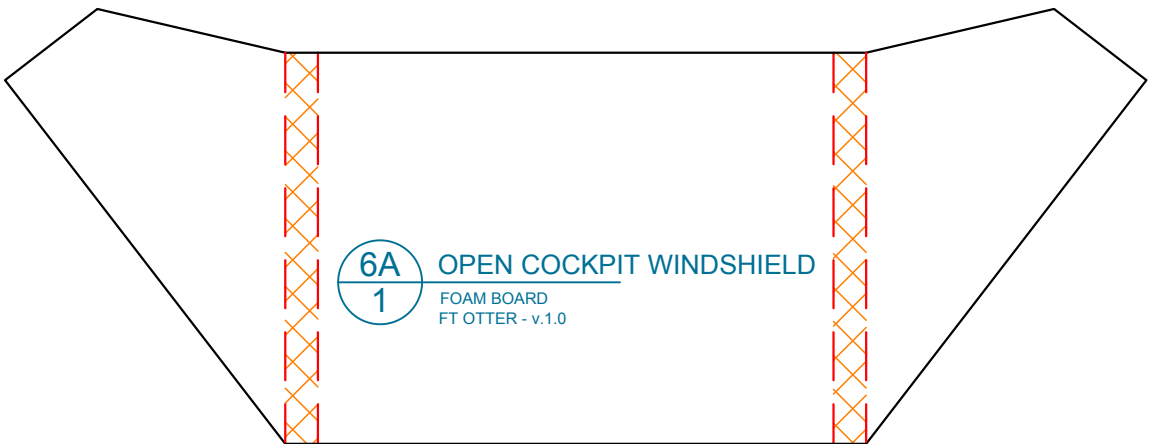


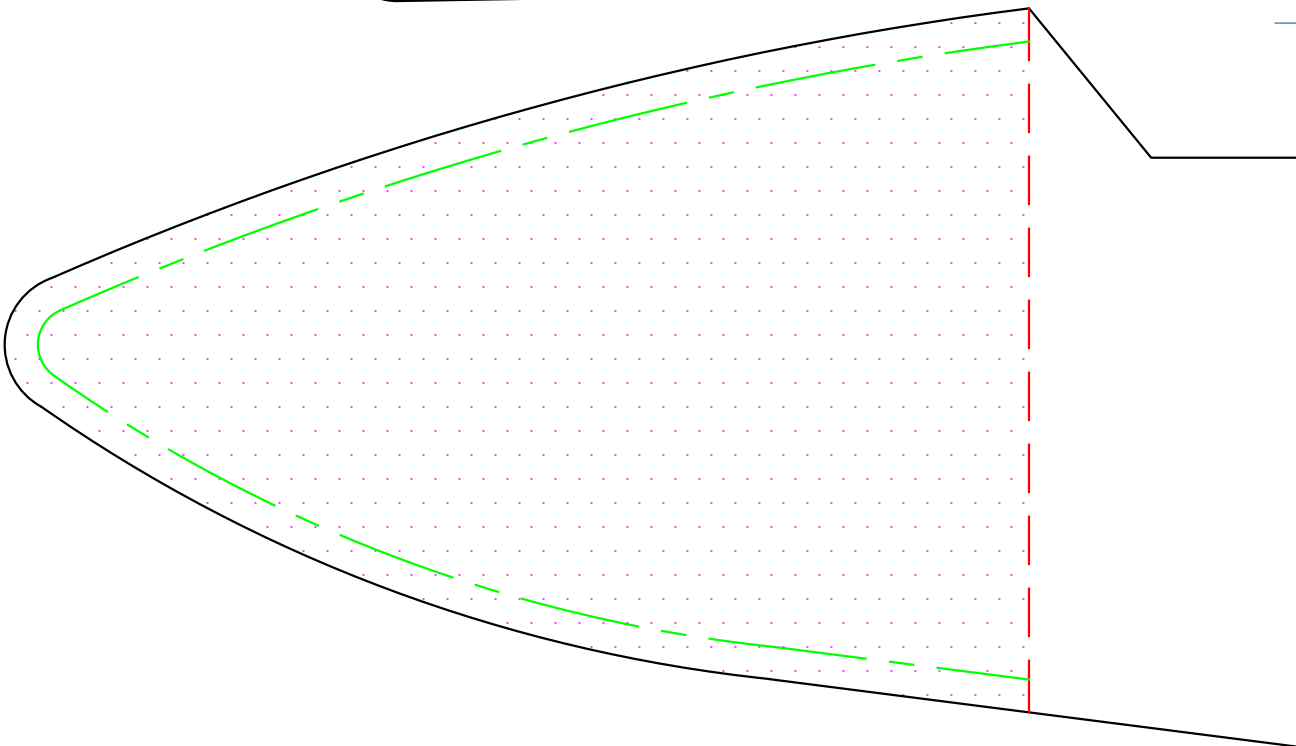
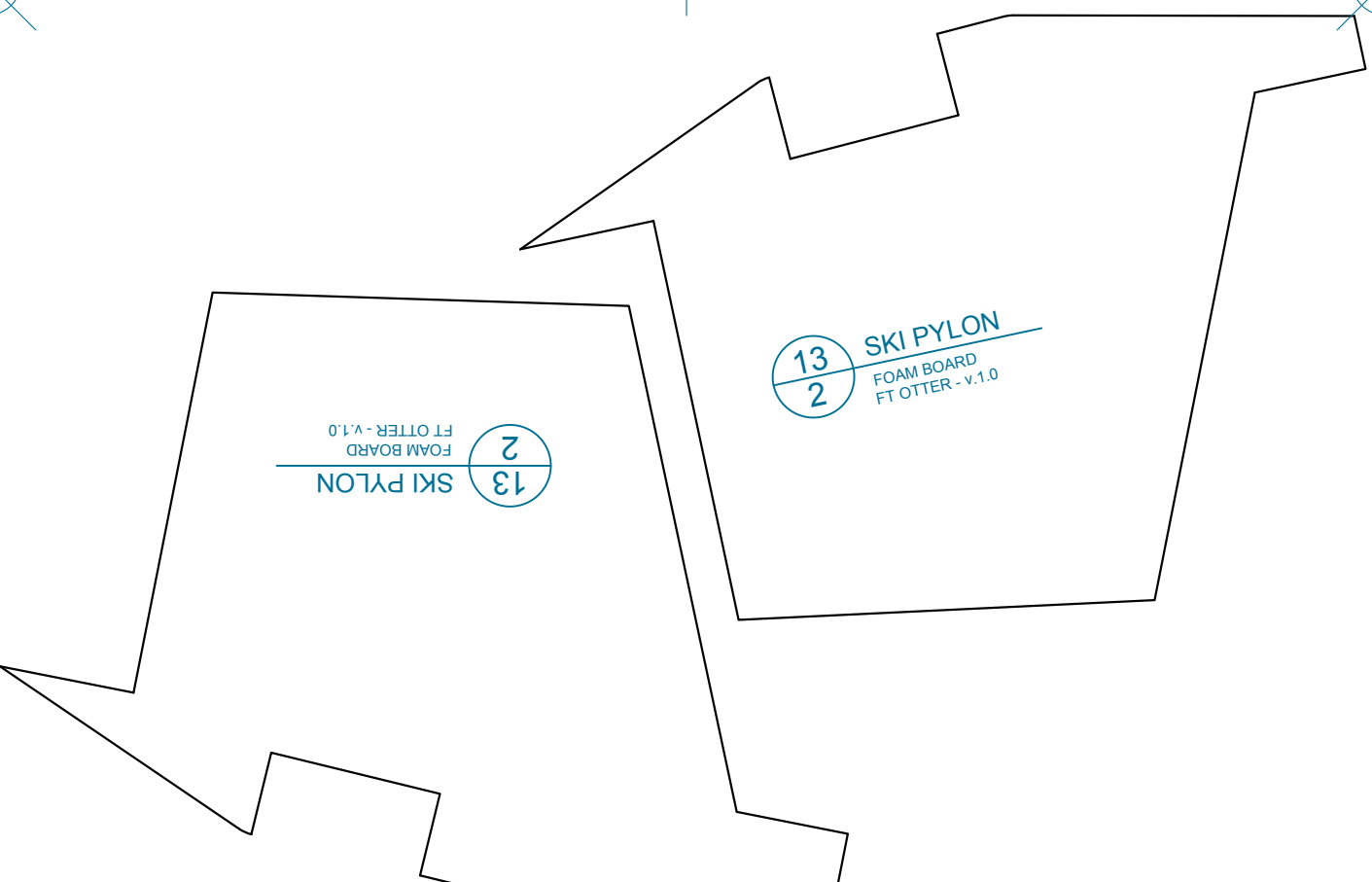


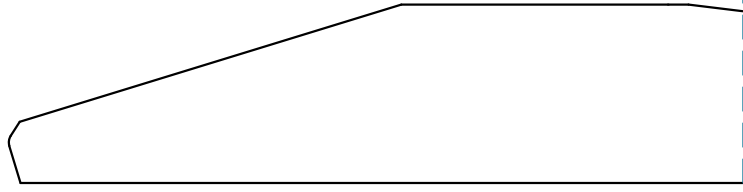
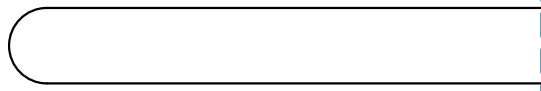
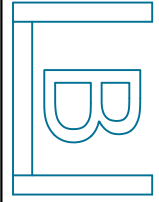
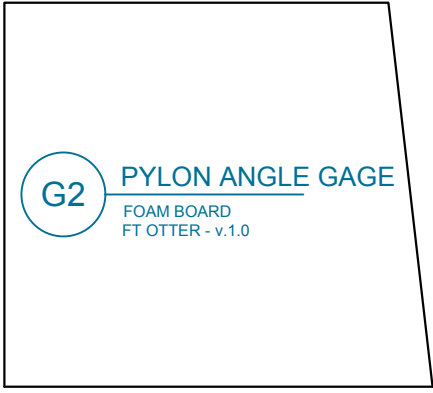


15
2 FUSELAGE/WING GAP FILLER
FOAM BOARD
FT OTTER - v.1.0

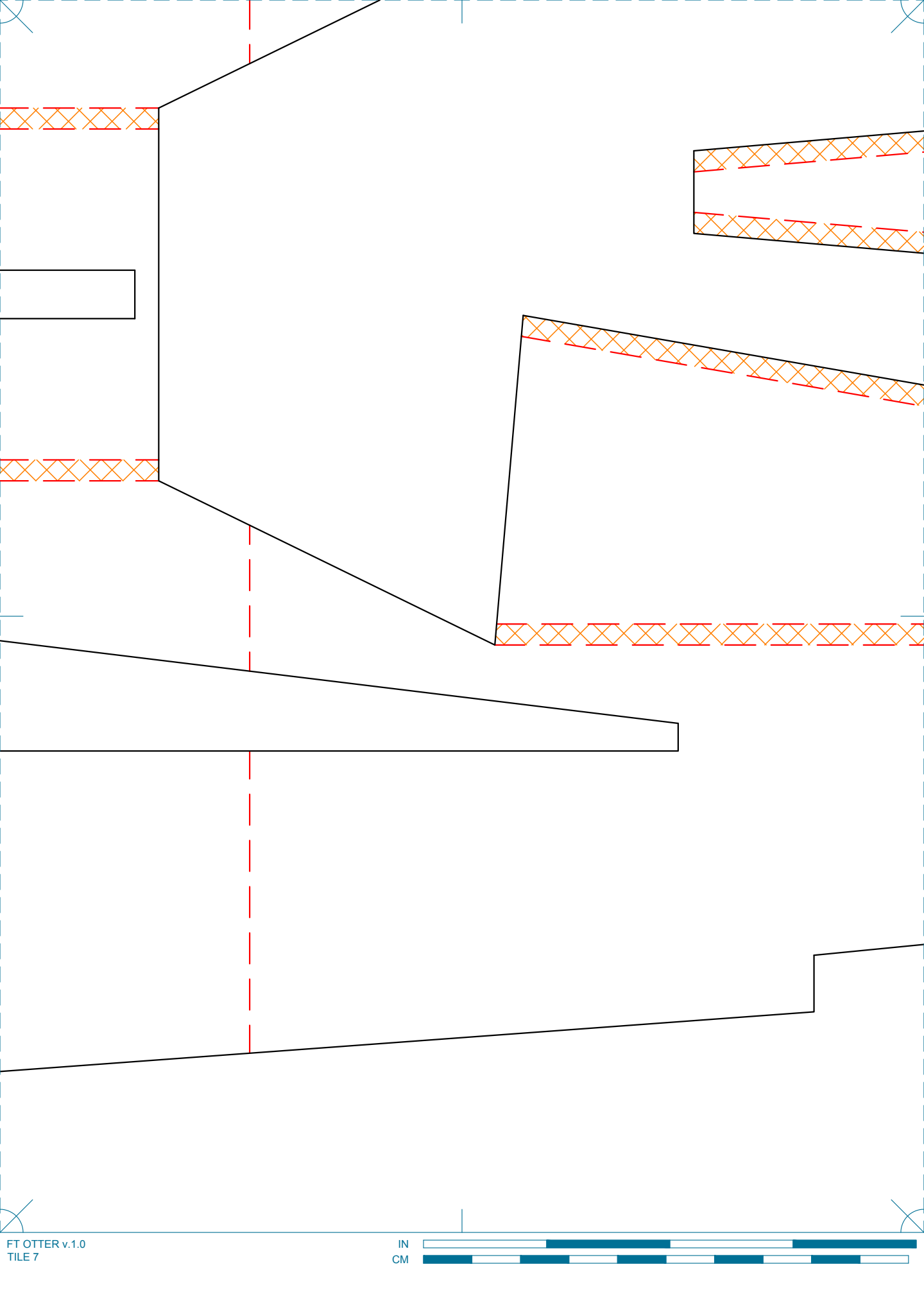
1B FUSELAGE SKIN B
1 FOAM BOARD
FT OTTER - v.1.0







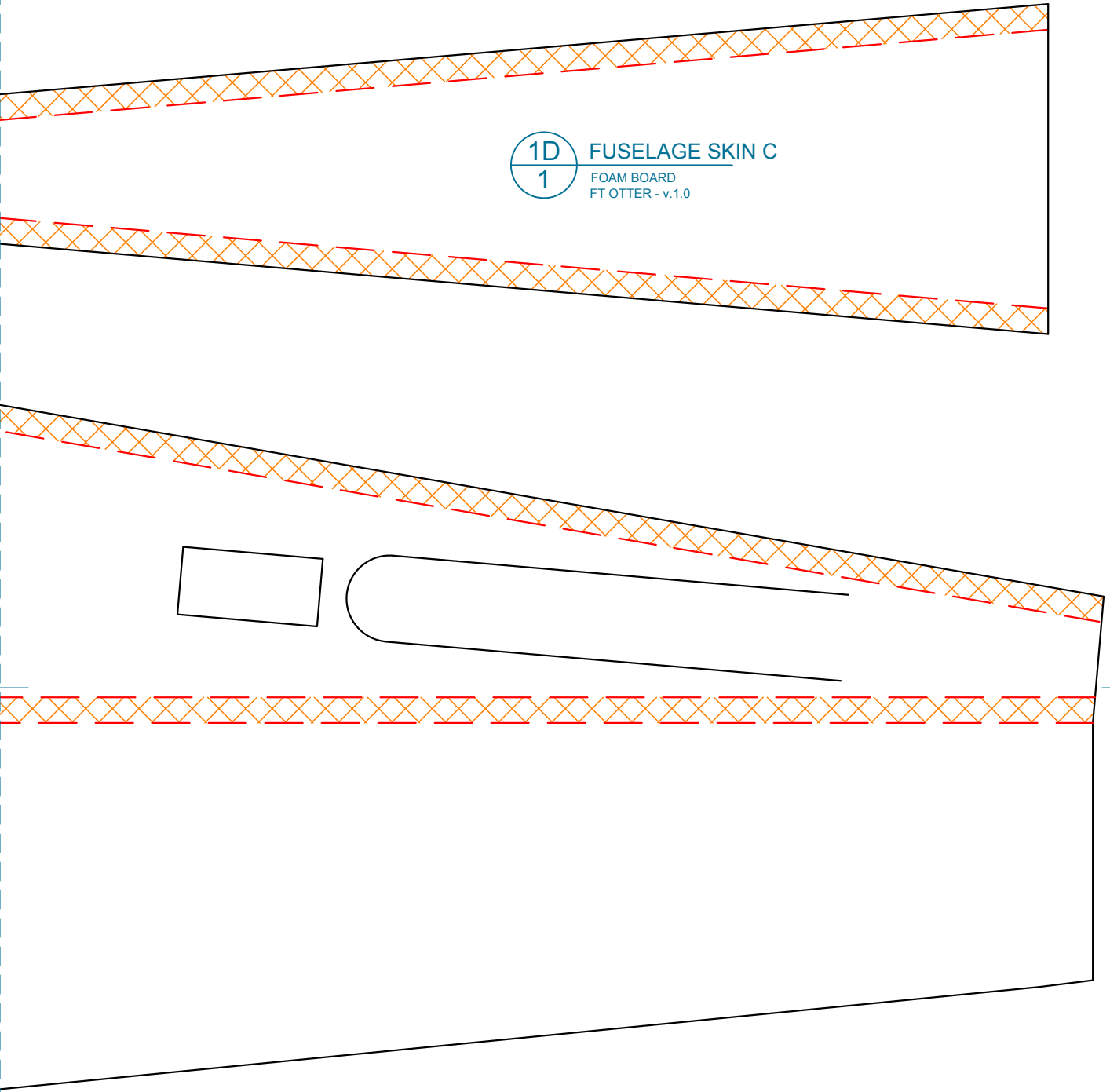
1A
1 FUSELAGE
FOAM BOARD
FT OTTER - v.1.0

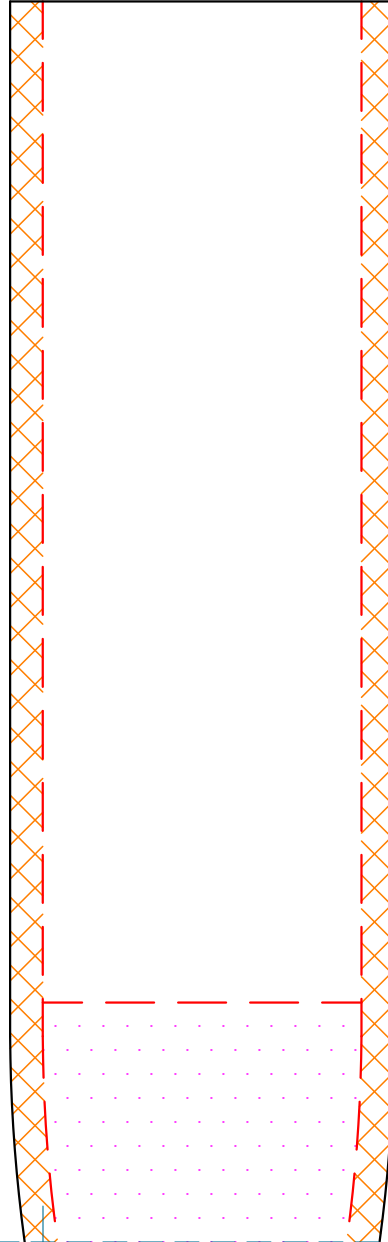
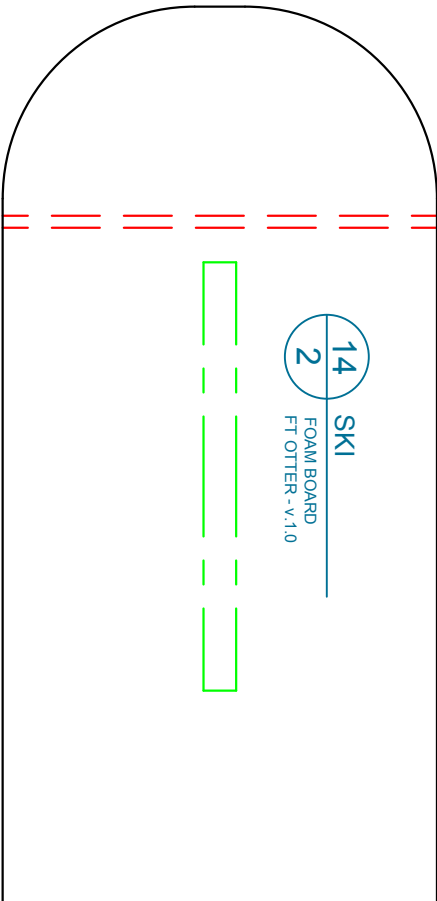
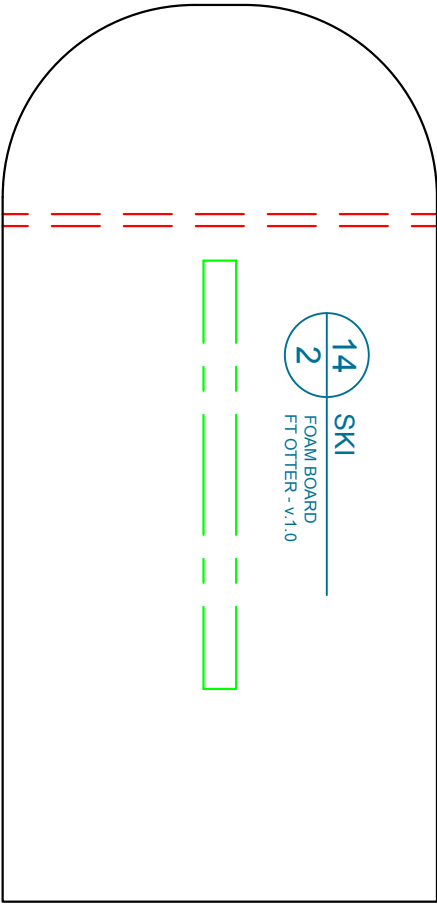


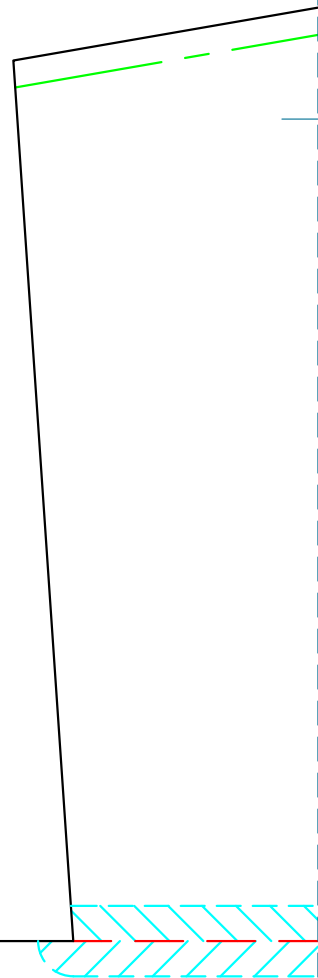
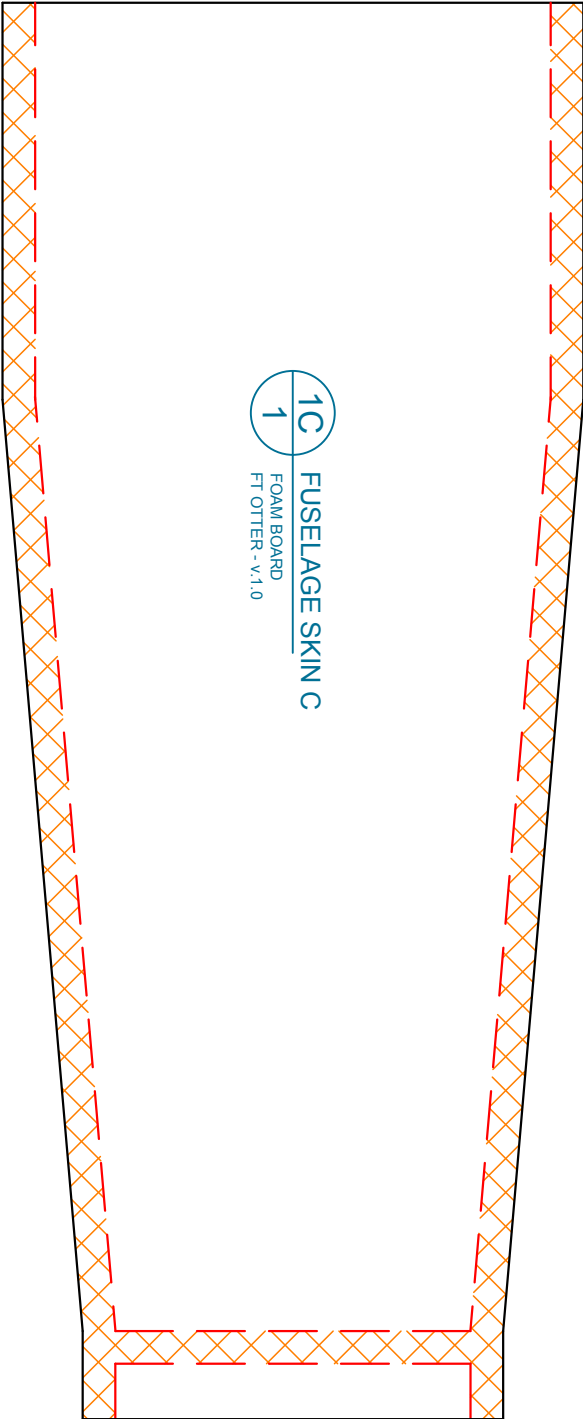
1D
1

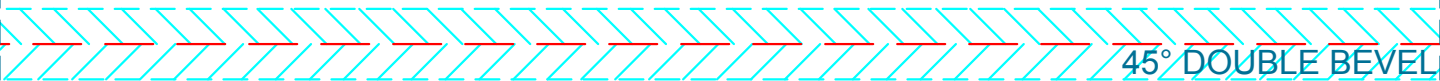
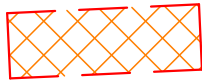
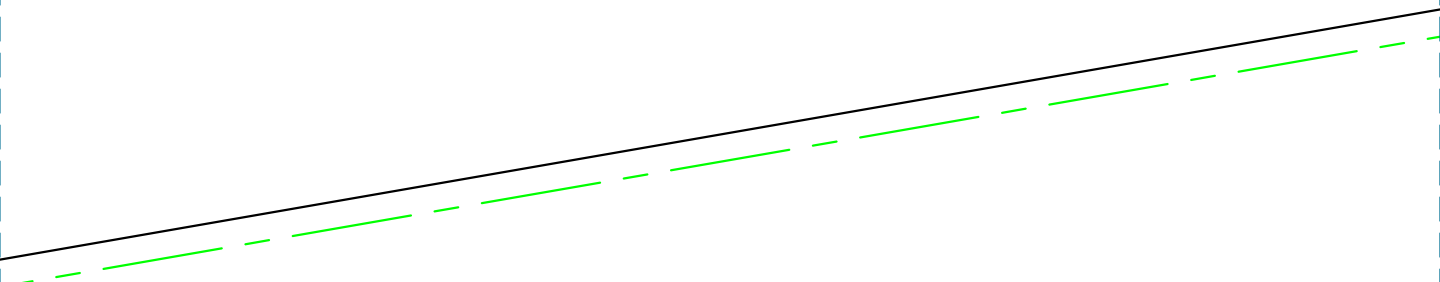
FUSELAGE SKIN C

FOAM BOARD
FT OTTER - v.1.0

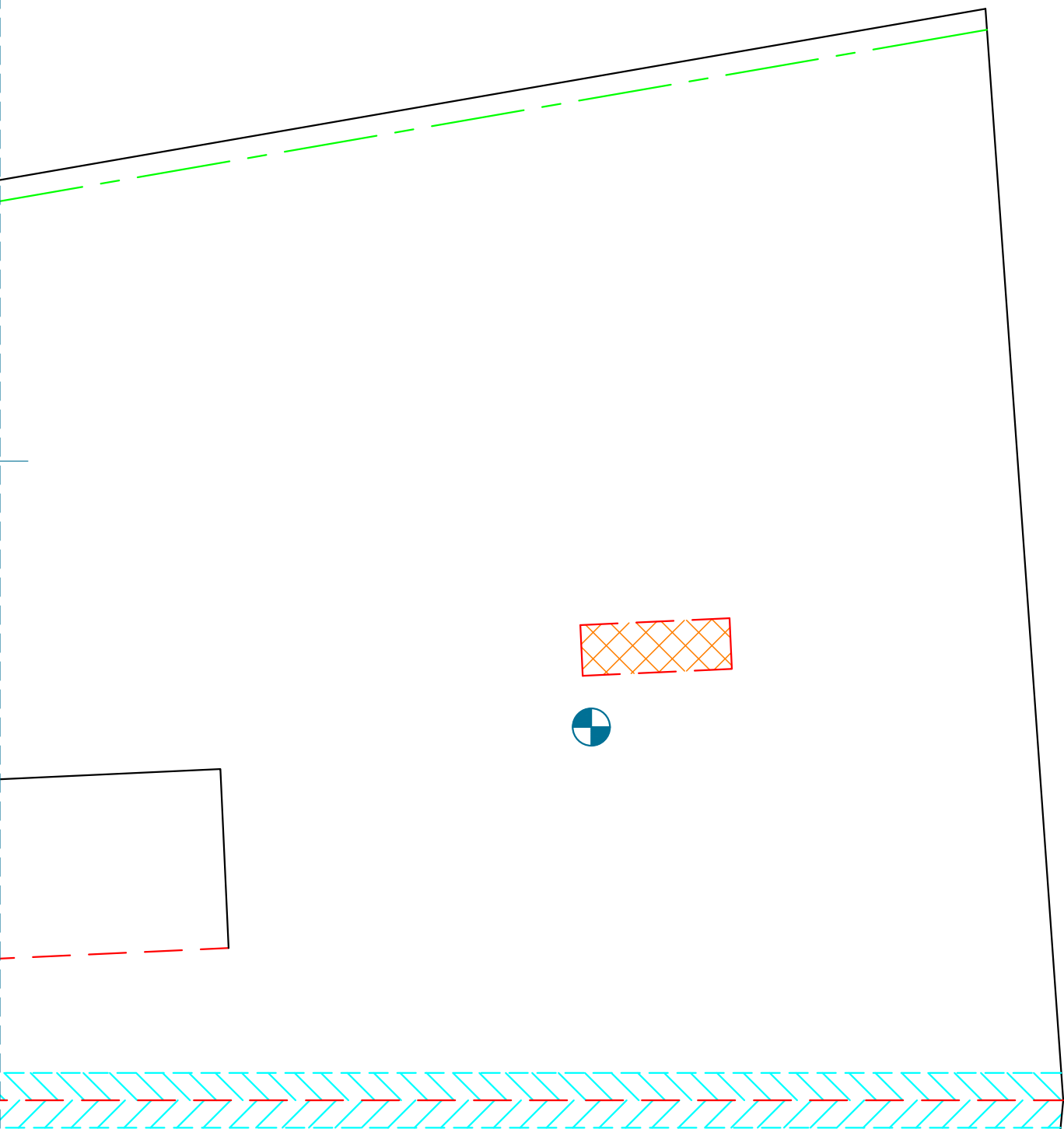


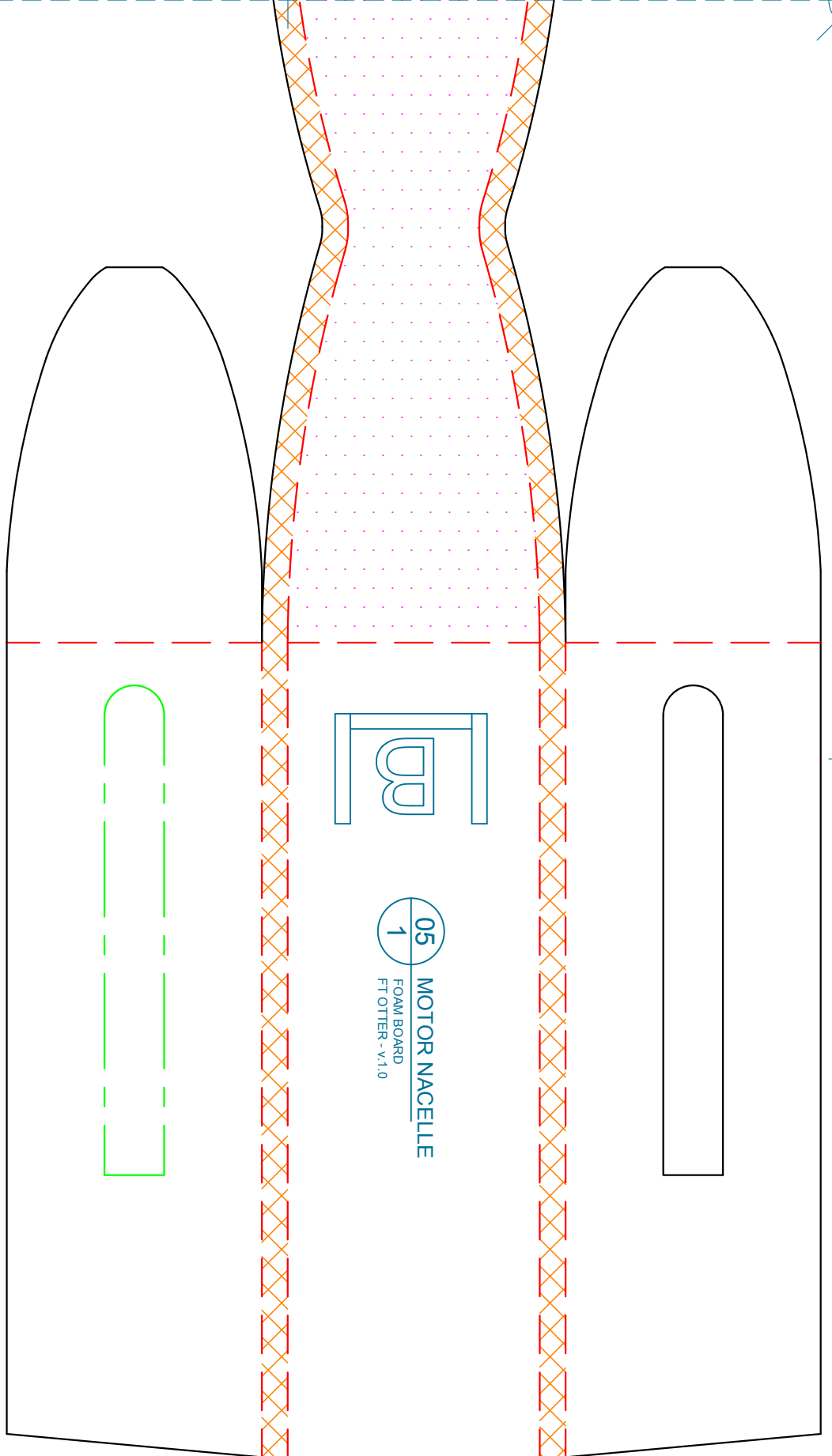






45° DOUBLE BEVEL





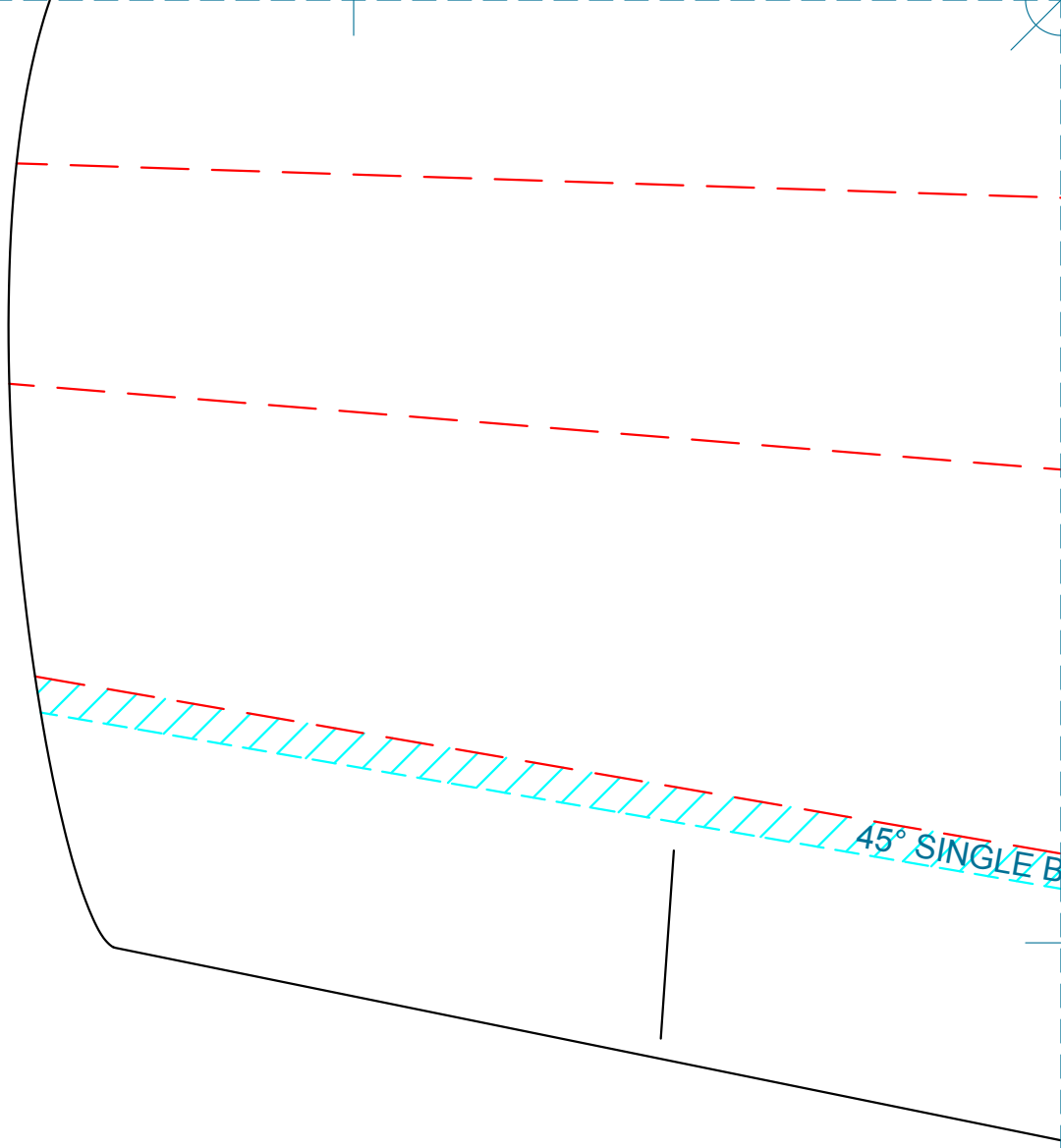
B

05
1

MOTOR NACELLE
FOAM BOARD
FT OTTER - v.1.0

IN
CM



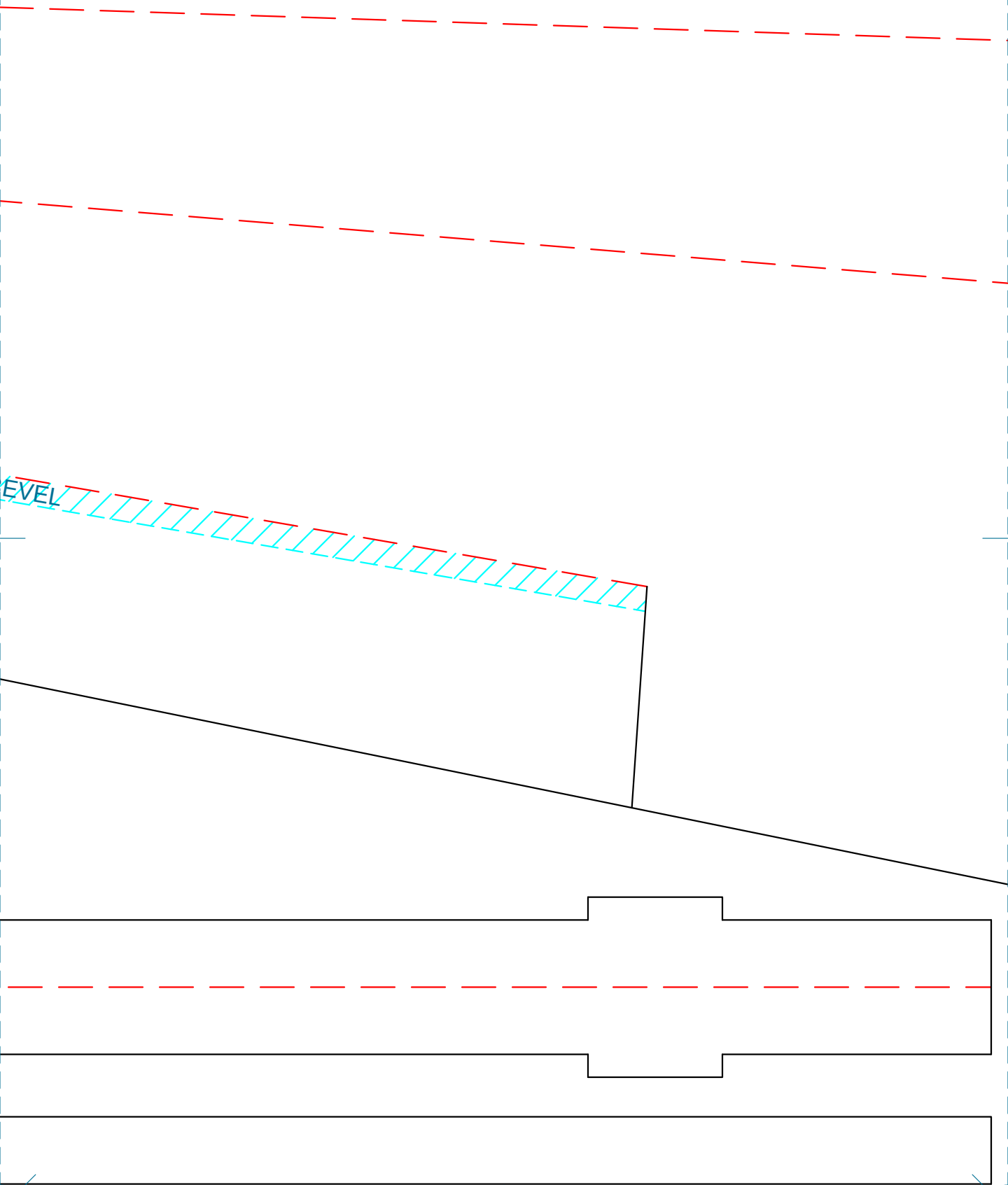


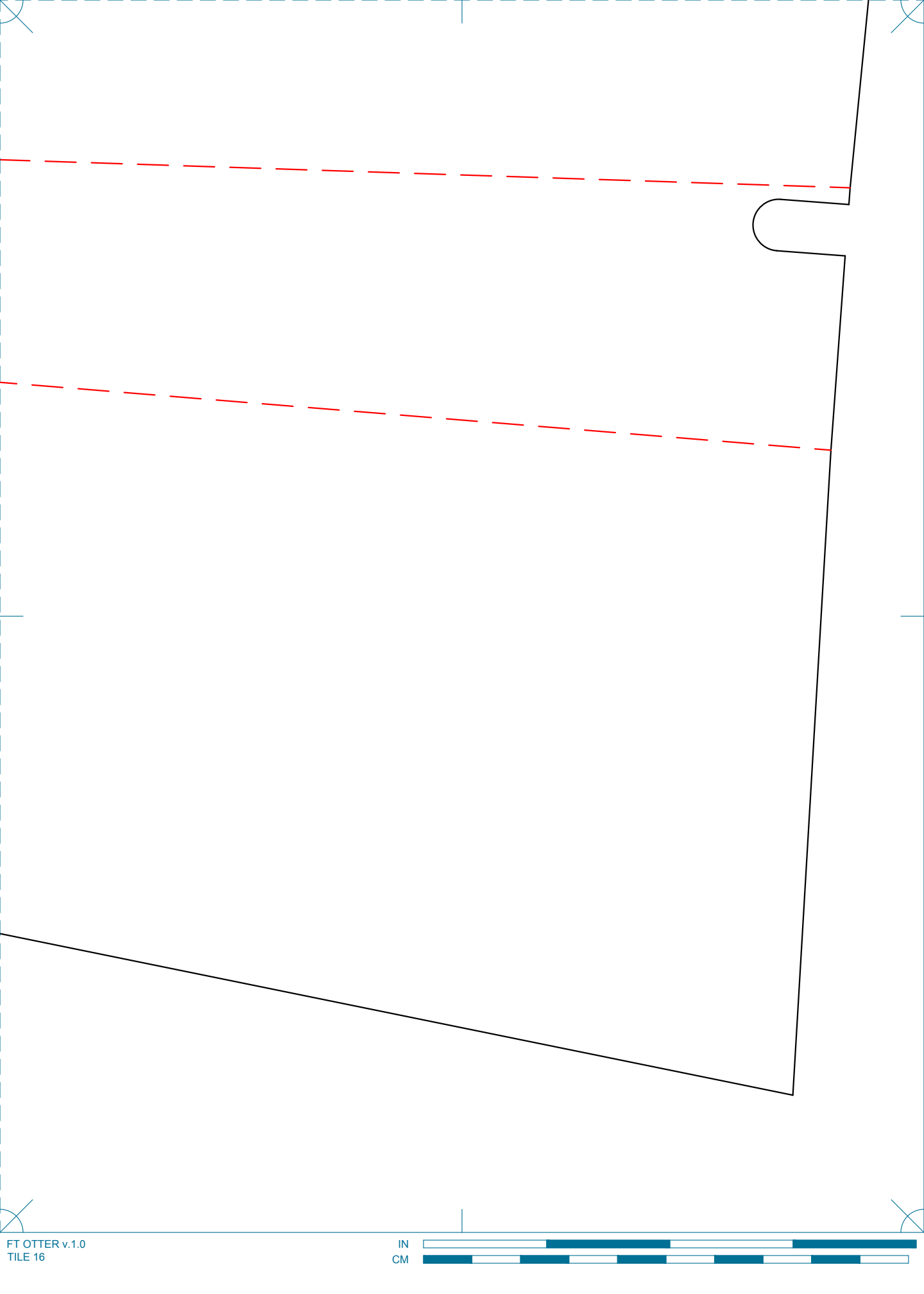
45° SINGLE B

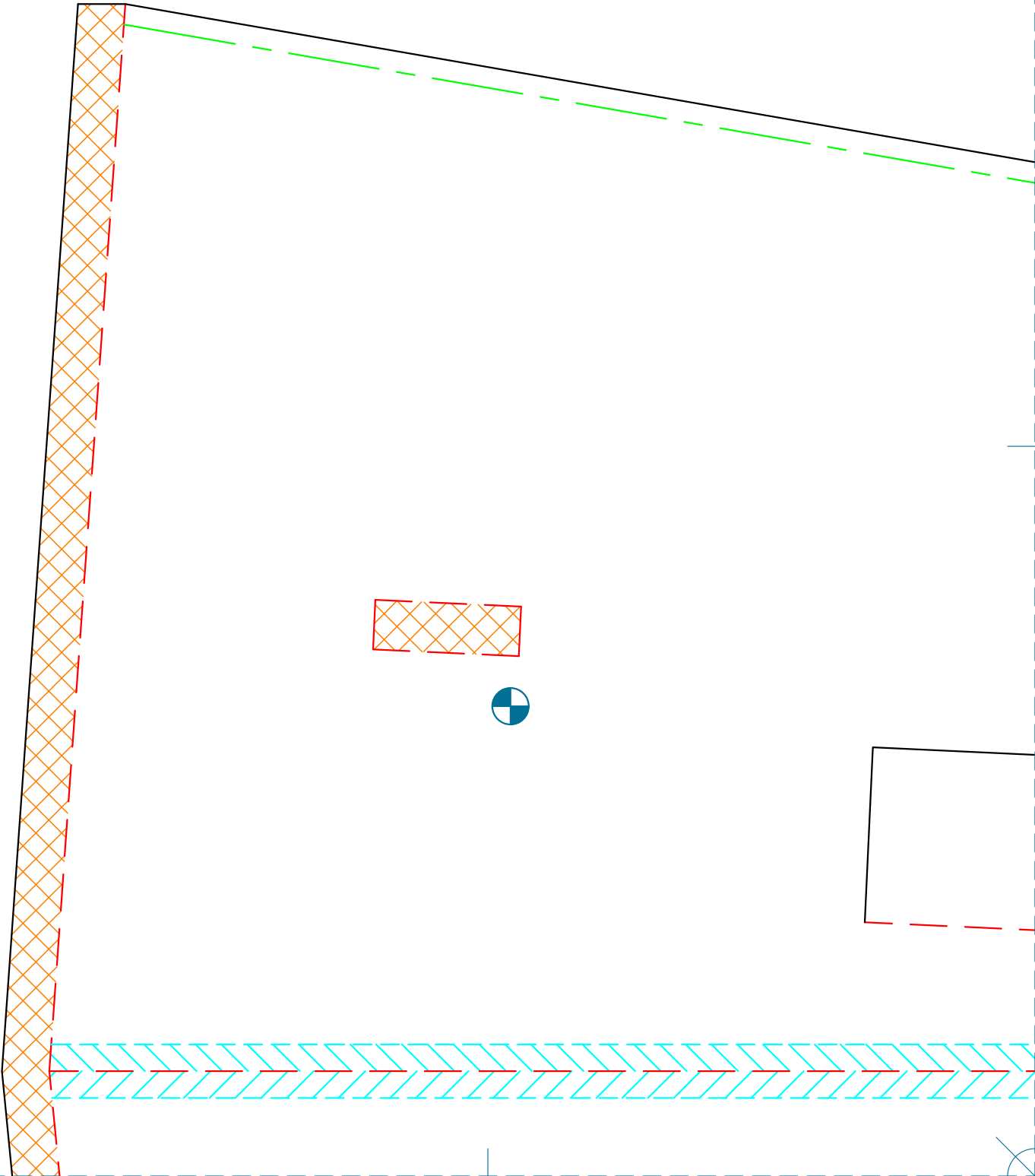
11 WING SPAR
2
FOAM BOARD
FT OTTER - v.1.0

12 TRAILING EDGE SPACER
2
FOAM BOARD
FT OTTER - v.1.0









12
2

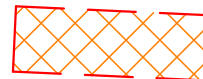
TRAILING EDGE SPACER

FOAM BOARD
FT OTTER - v.1.0

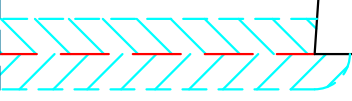
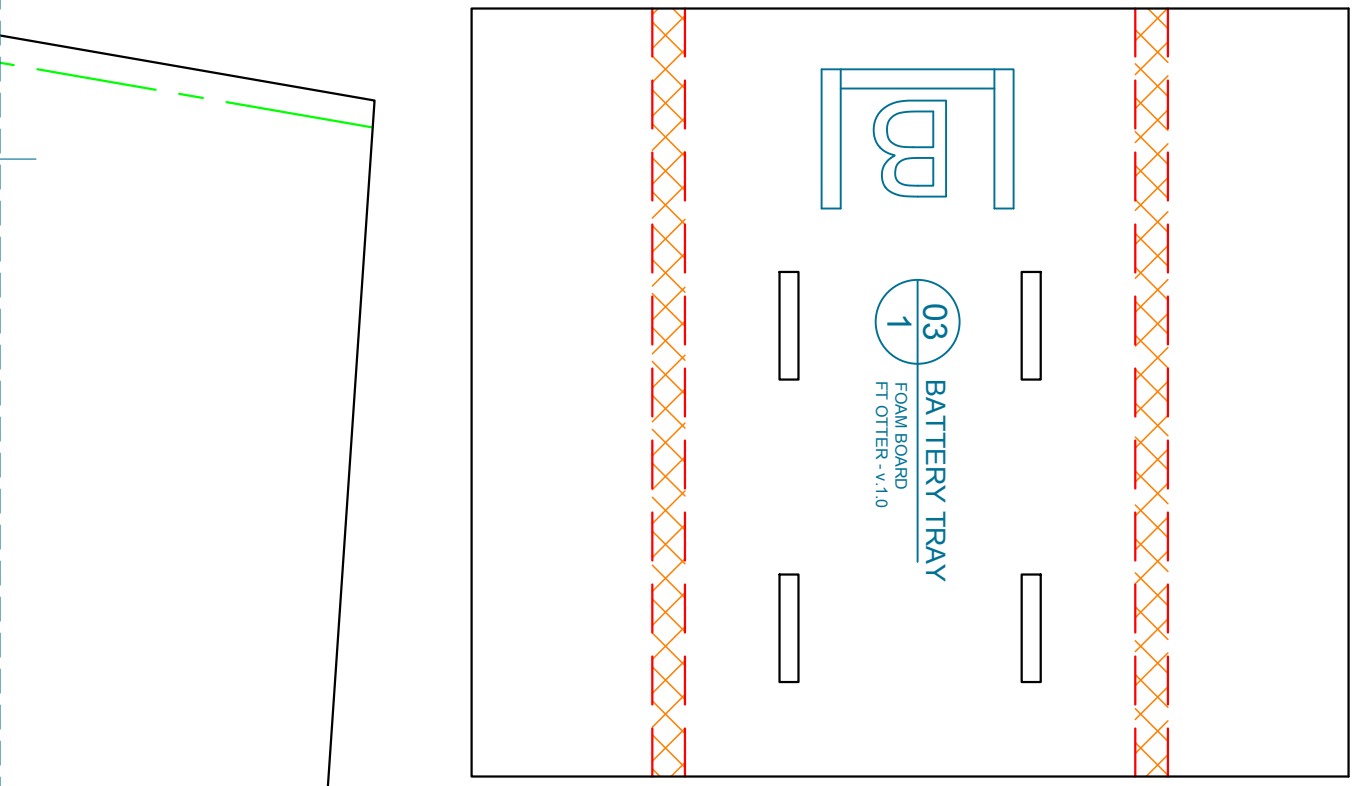
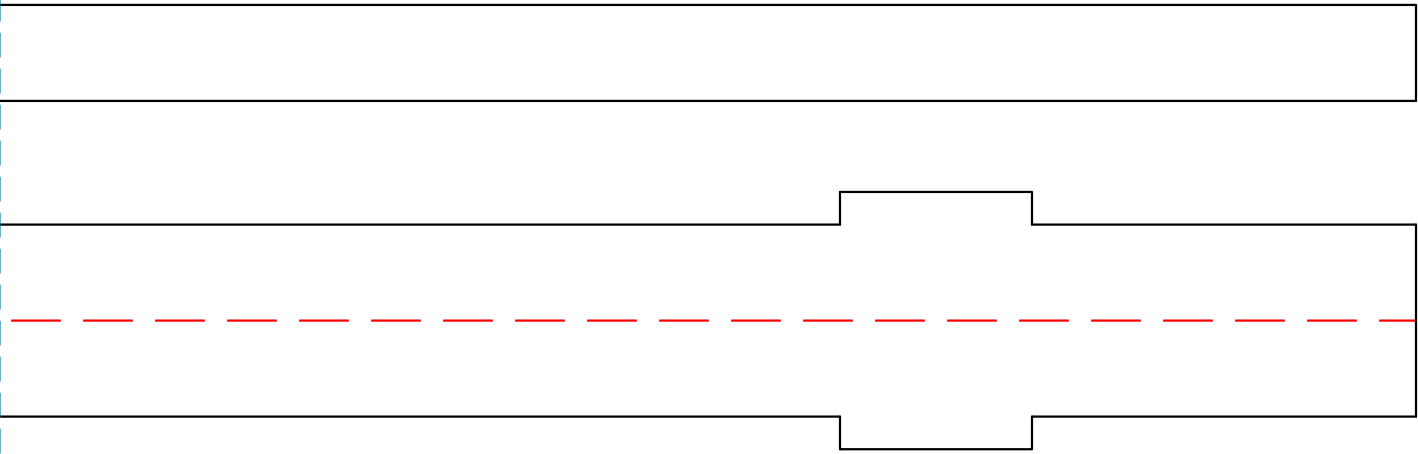
11
2

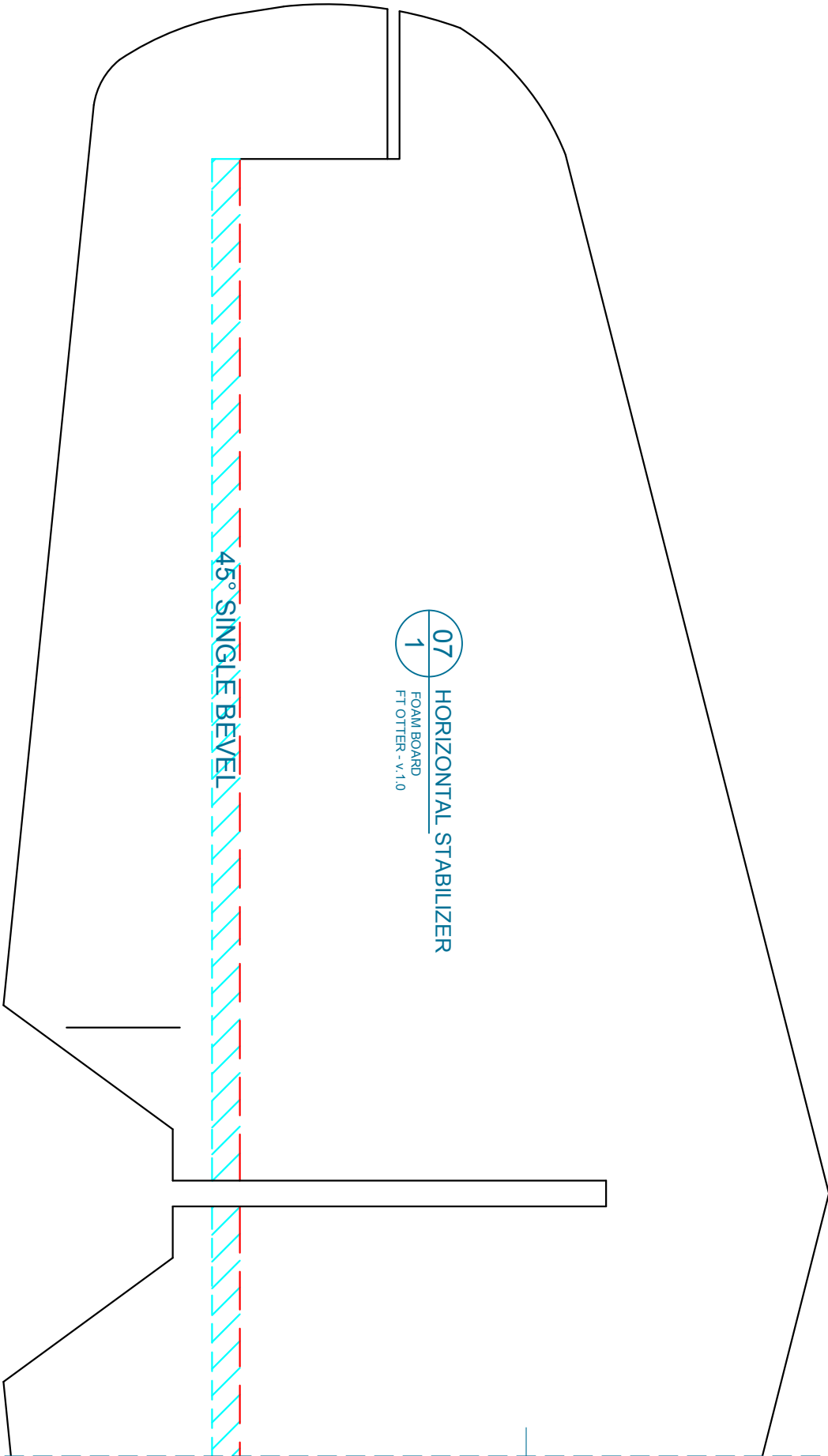
WING SPAR

FOAM BOARD
FT OTTER - v.1.0



45° DOUBLE BEVEL



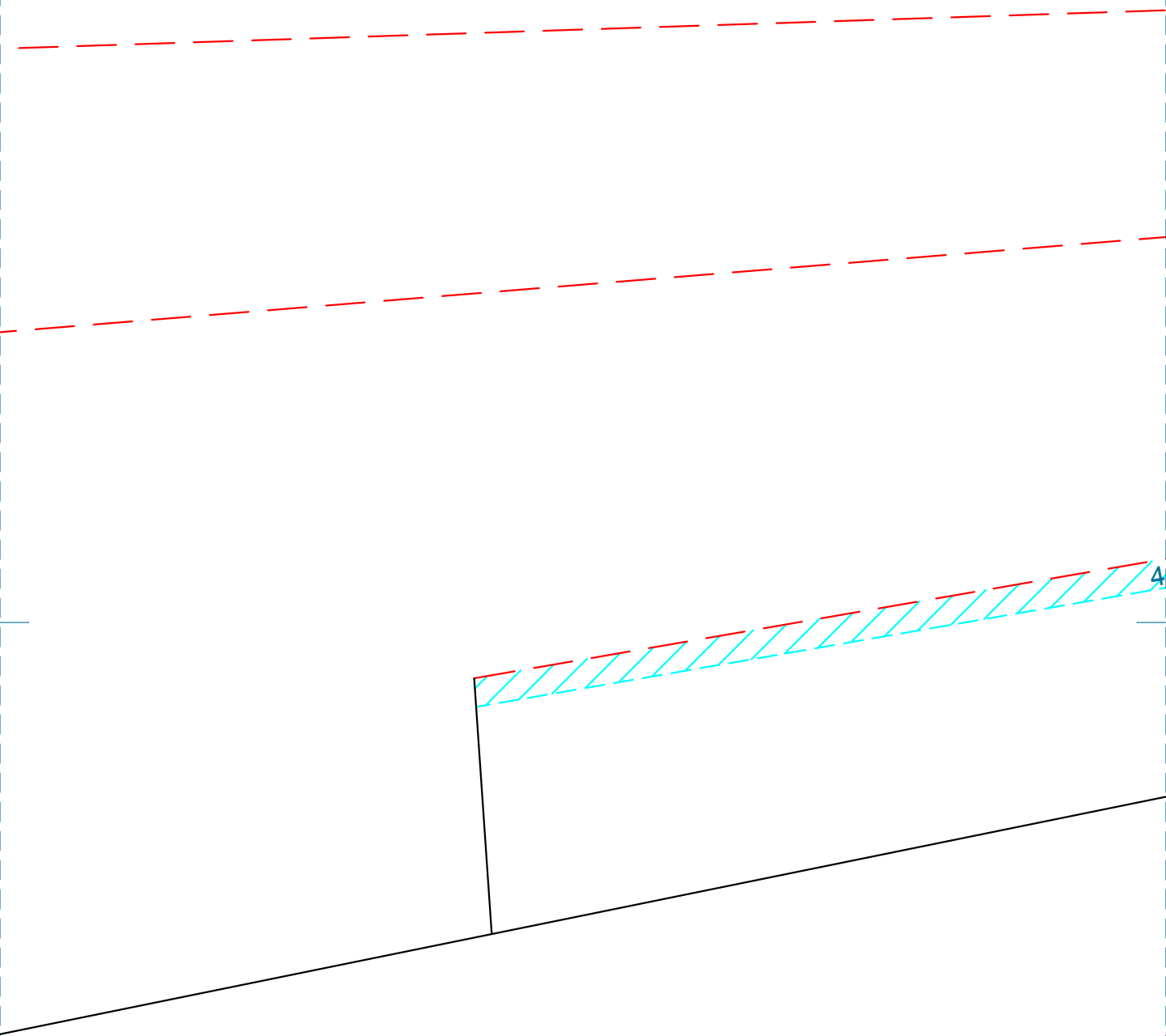




10
1

LEFT WING

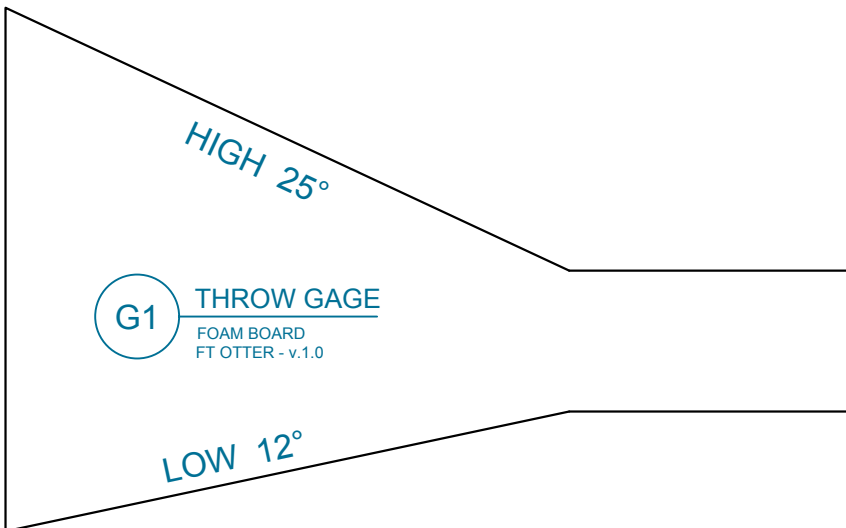
FOAM BOARD
FT OTTER - v.1.0

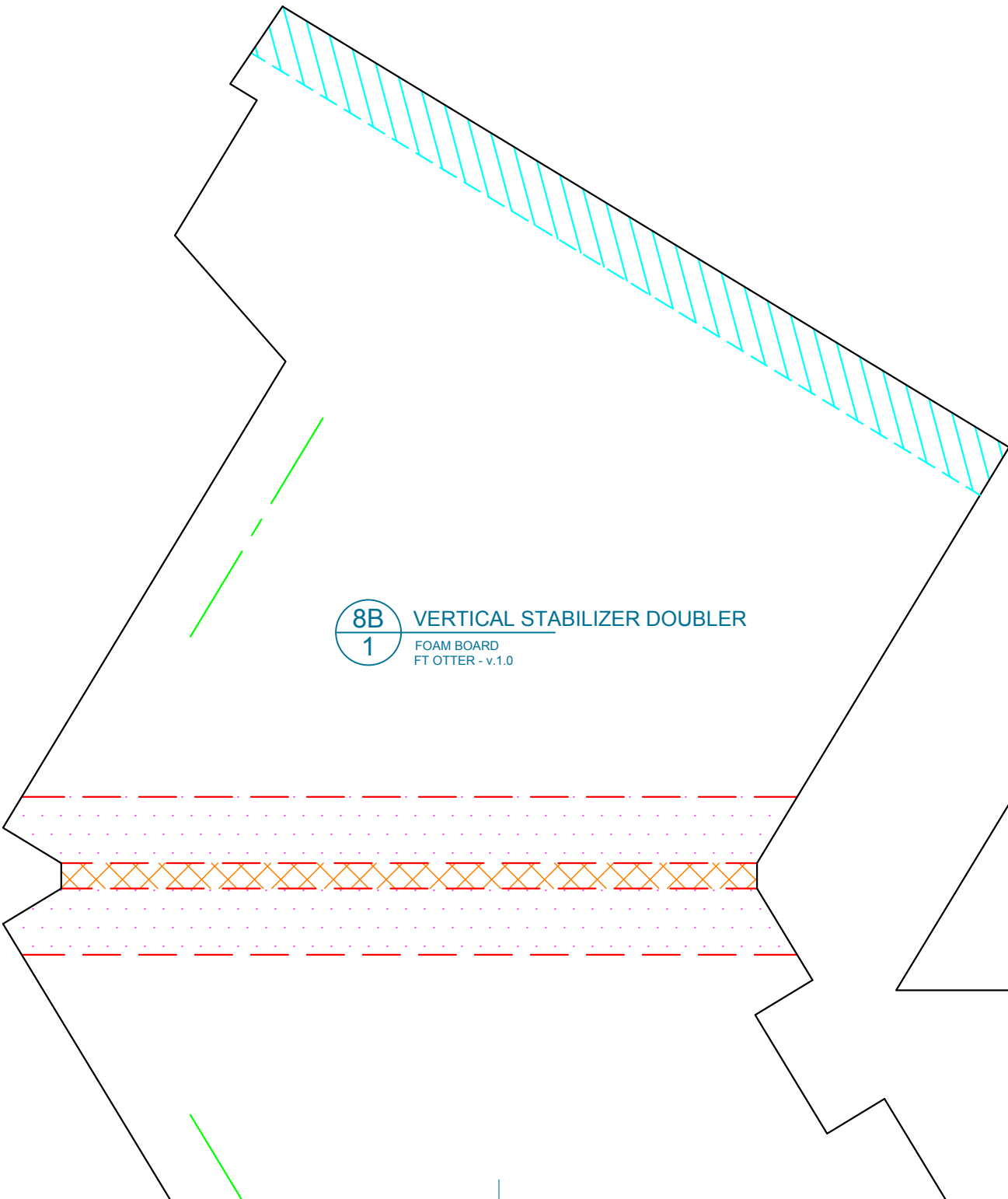


5° SINGLE BEVEL



45° SINGLE BEVEL

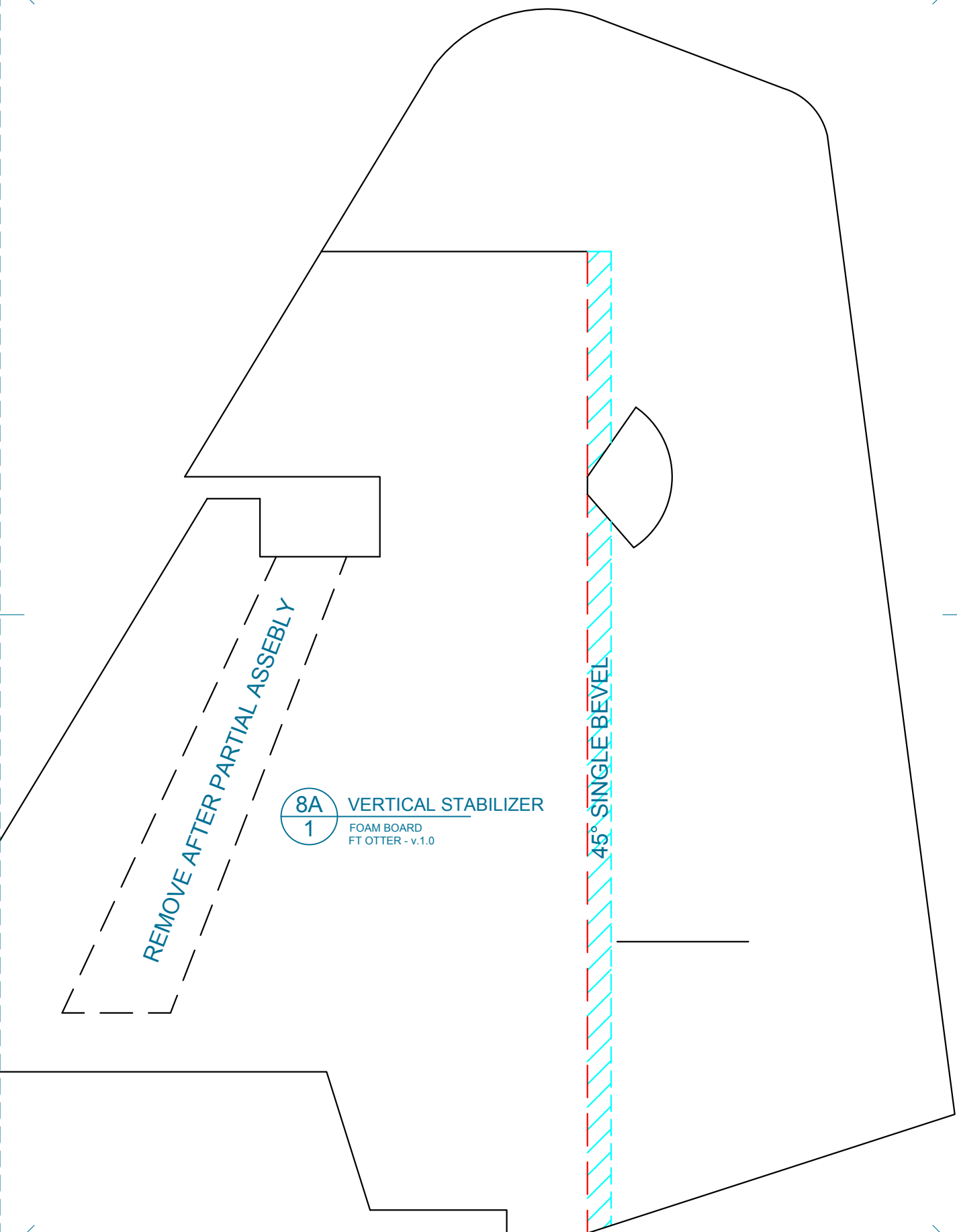




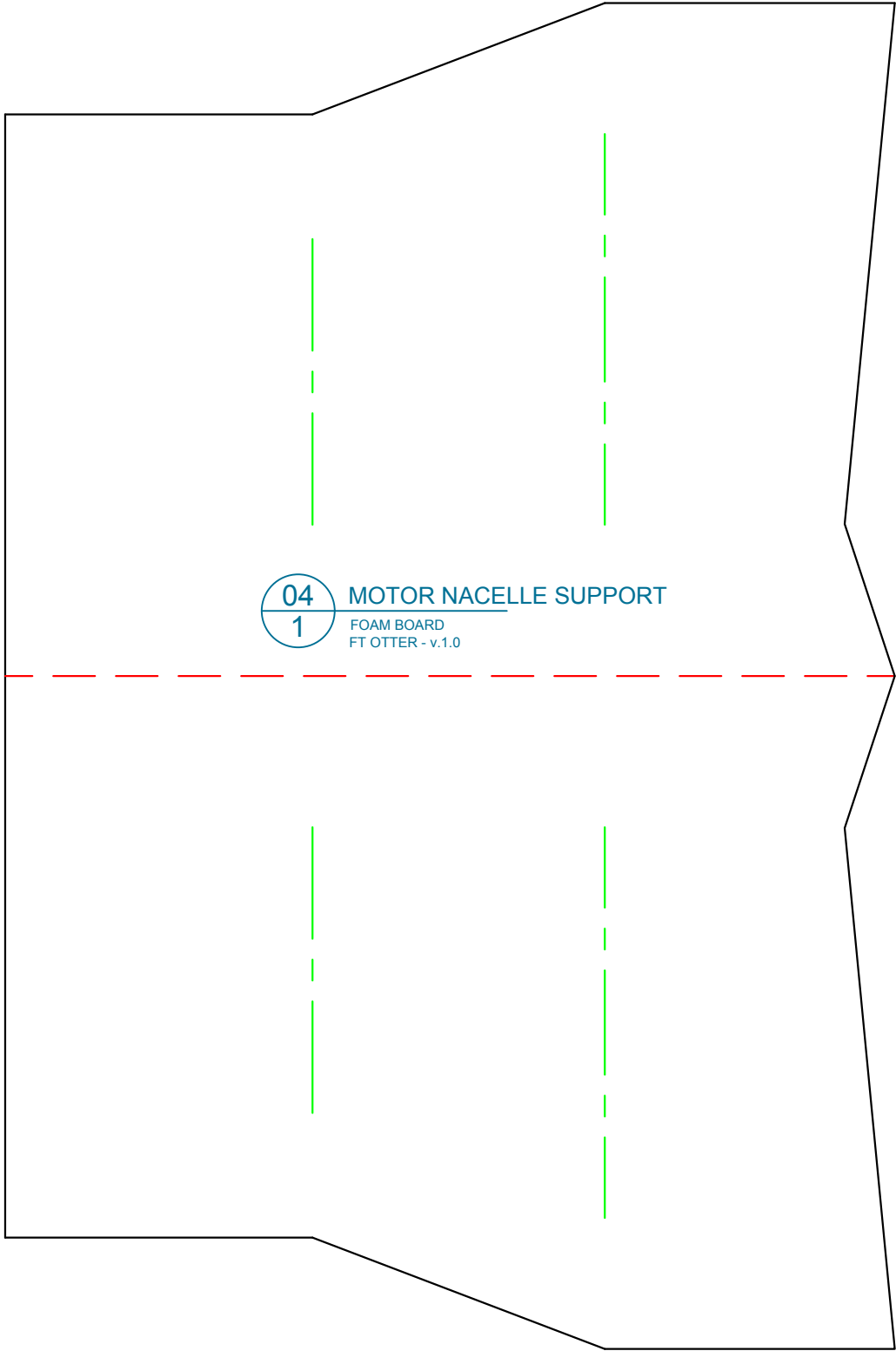
8B
1

VERTICAL STABILIZER DOUBLER

FOAM BOARD
FT OTTER - v.1.0



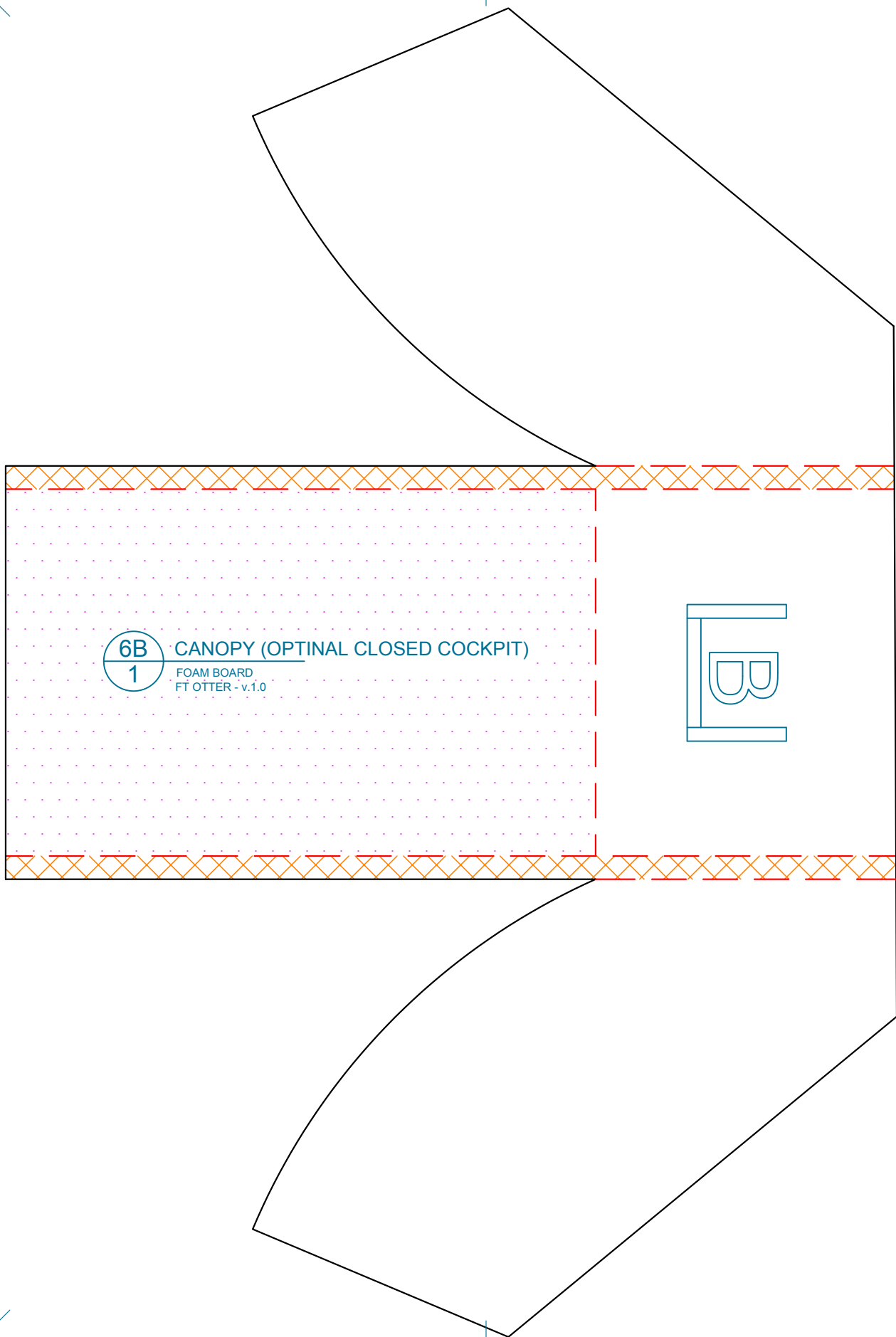
8A
1 VERTICAL STABILIZER
FOAM BOARD
FT OTTER - v.1.0



04
1

MOTOR NACELLE SUPPORT

FOAM BOARD
FT OTTER - v.1.0

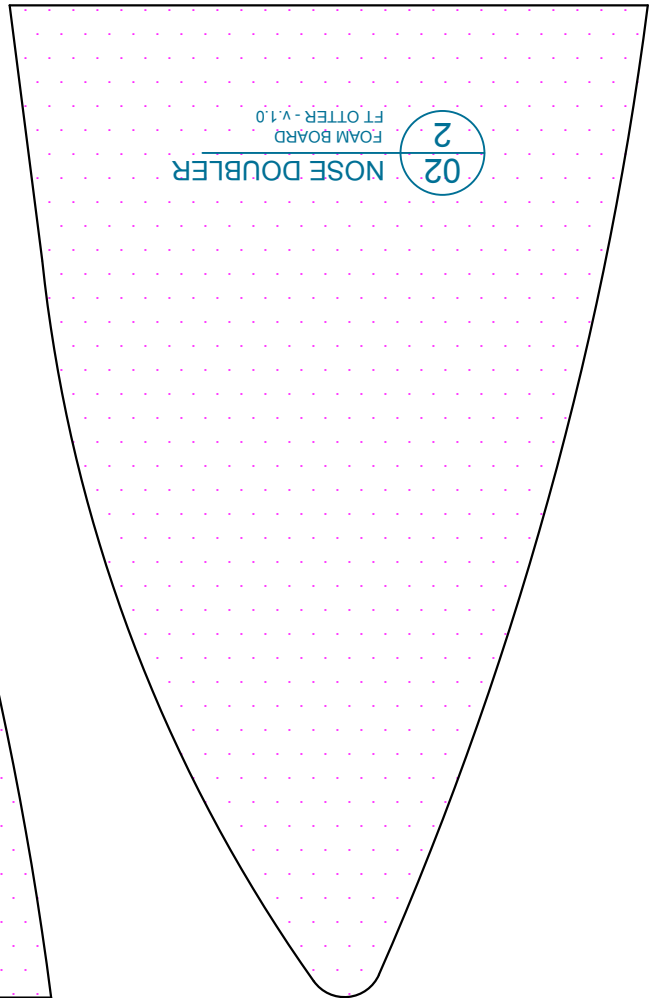
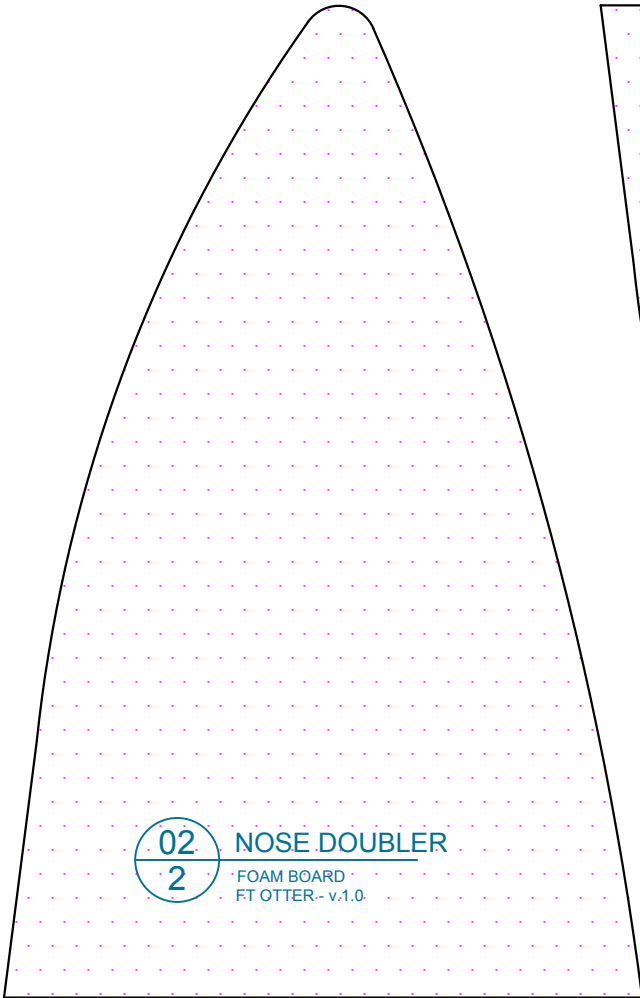
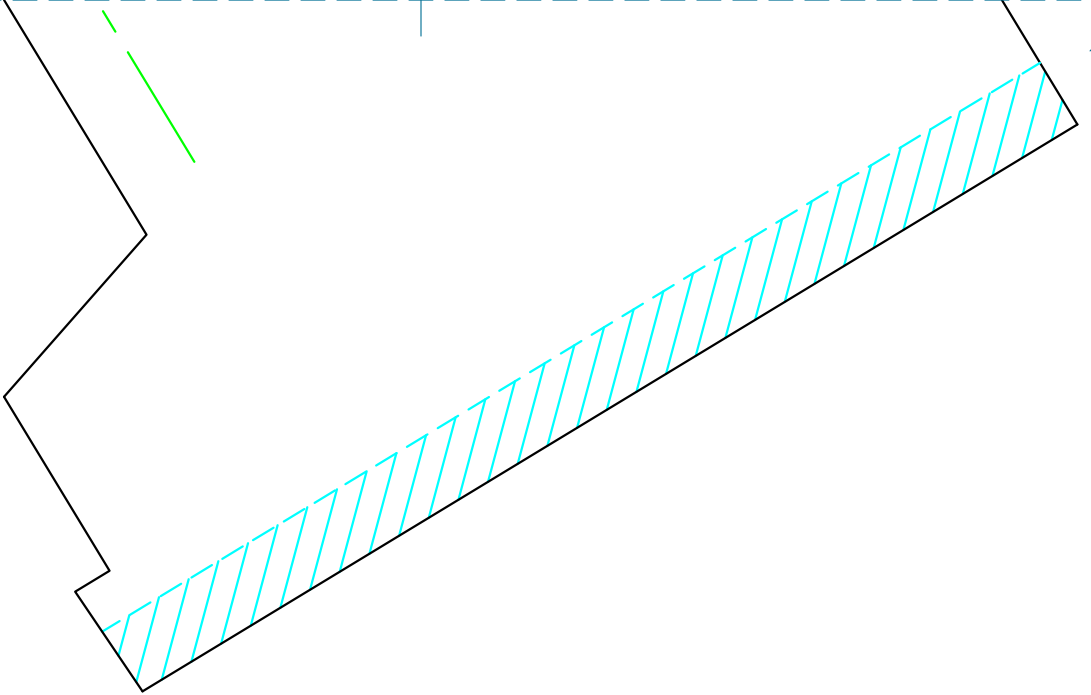


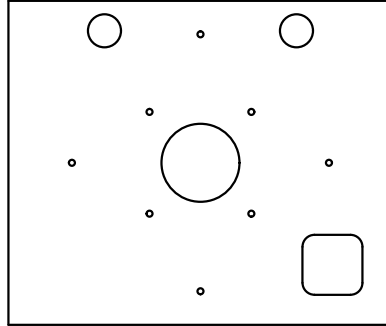
6B
1

CANOPY (OPTINAL CLOSED COCKPIT)

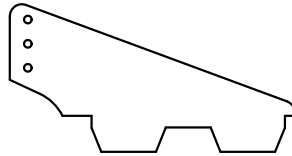
FOAM BOARD
FT OTTER - v.1.0







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



CONTROL HORN
1/16" (1.5mm) THICK
HOBBY GRADE PLYWOOD