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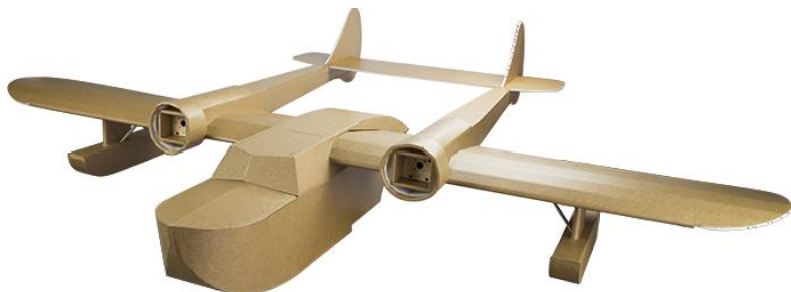
FT Sea Duck

Designed By: Josh Bixler
Drawing By: Dan Sponholz



SPECIFICATIONS

DESCRIPTION		IMPERIAL	METRIC
LENGTH		42 in	1067 mm
CENTER OF GRAVITY	CG	2.5 in	64 mm
WING SPAN		56 in	1397 mm
WING CHORD		9 in	229 mm
WING AREA		494.5 in ²	31.9 dm ²
DRY WEIGHT		39.2 oz	1111 g
ALL UP WEIGHT	AUW	45.9 oz	1301 g
WING LOADING	WL	13.4 oz/ft ²	40.8 g/dm ²
WING CUBIC LOADING	WCL	7.2	



SHEET & TILE KEY



RECOMMENDED SETTINGS

	THROW	EXPO
AILERON	16°	30%
ELEVATOR	16°	30%
RUDDER	16°	30%

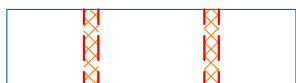
1	2	3	4	9	10	11	12	17	18	19	20
5	6	7	8	13	14	15	16	21	22	23	24
25	26	27	28	33	34	35	36	41	42	43	44
29	30	31	32	37	38	39	40	45	46	47	48
49	50	51	52	NOTE: DUPLICATE PARTS ARE ON SHEETS 6-7 AND TILES 41-56							
53	54	55	56								

DRAWING KEY

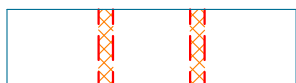
FOLD TYPES



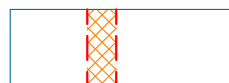
A - FOLD (ABOVE)



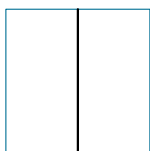
B - FOLD (BESIDE)



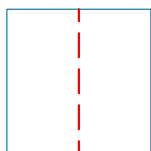
C - FOLD (COVER)



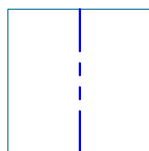
LINE TYPE/COLOR



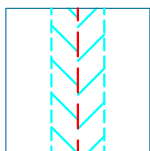
CUT



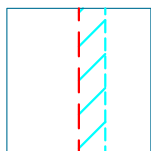
50% SCORE



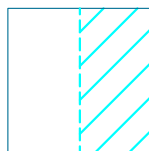
CREASE



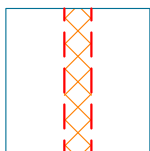
45° DOUBLE
BEVEL



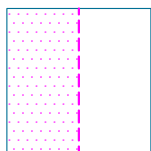
45° SINGLE
BEVEL



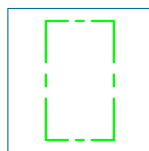
EDGE
BEVEL



CAVITY



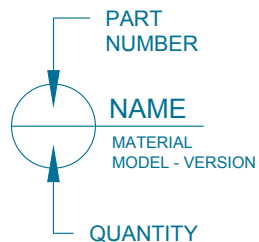
REMOVE
PAPER



REFERENCE/
OPTIONAL



SYMBOLS



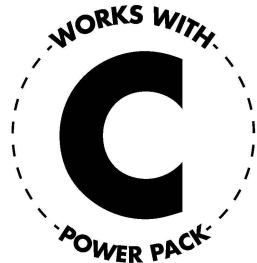
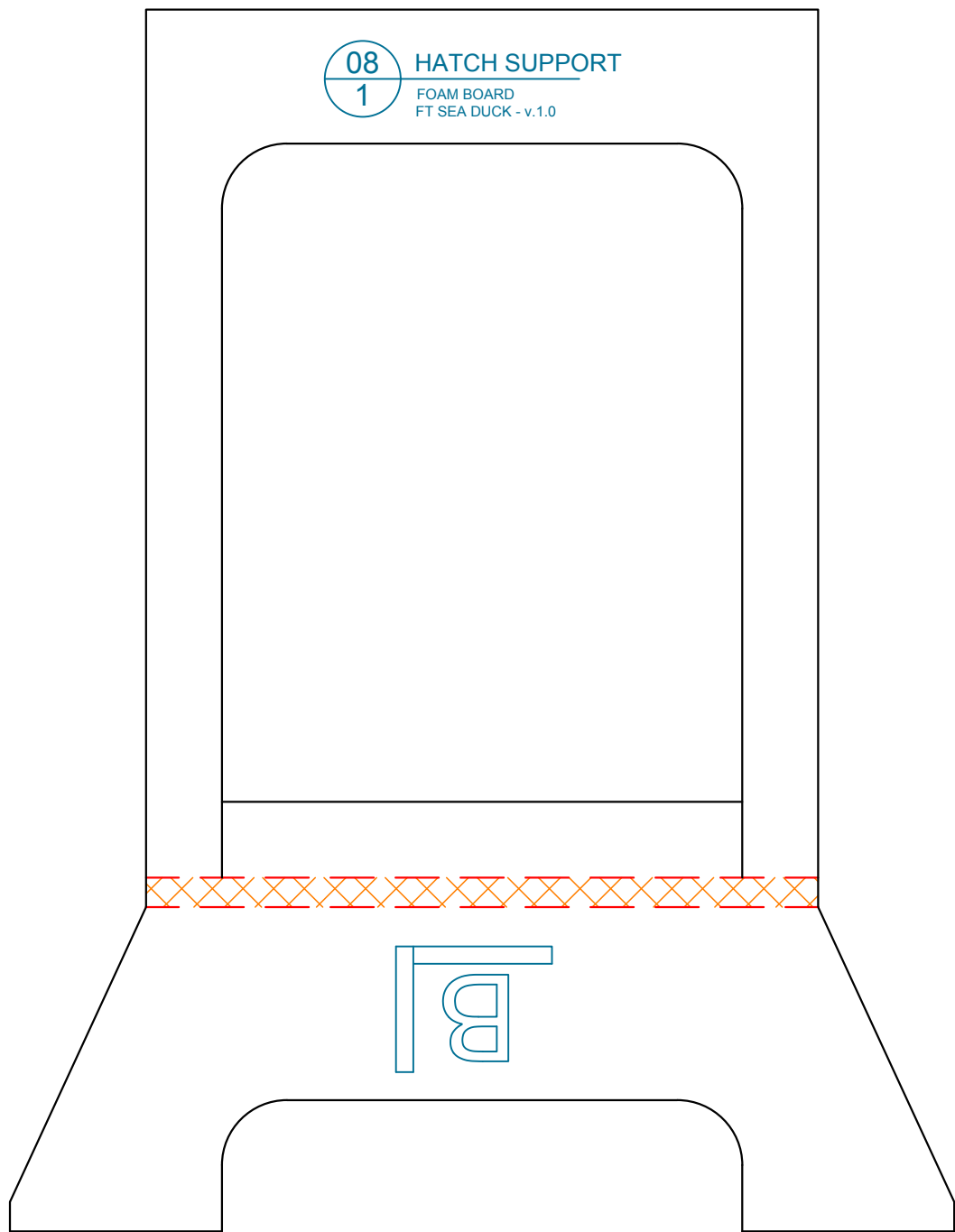
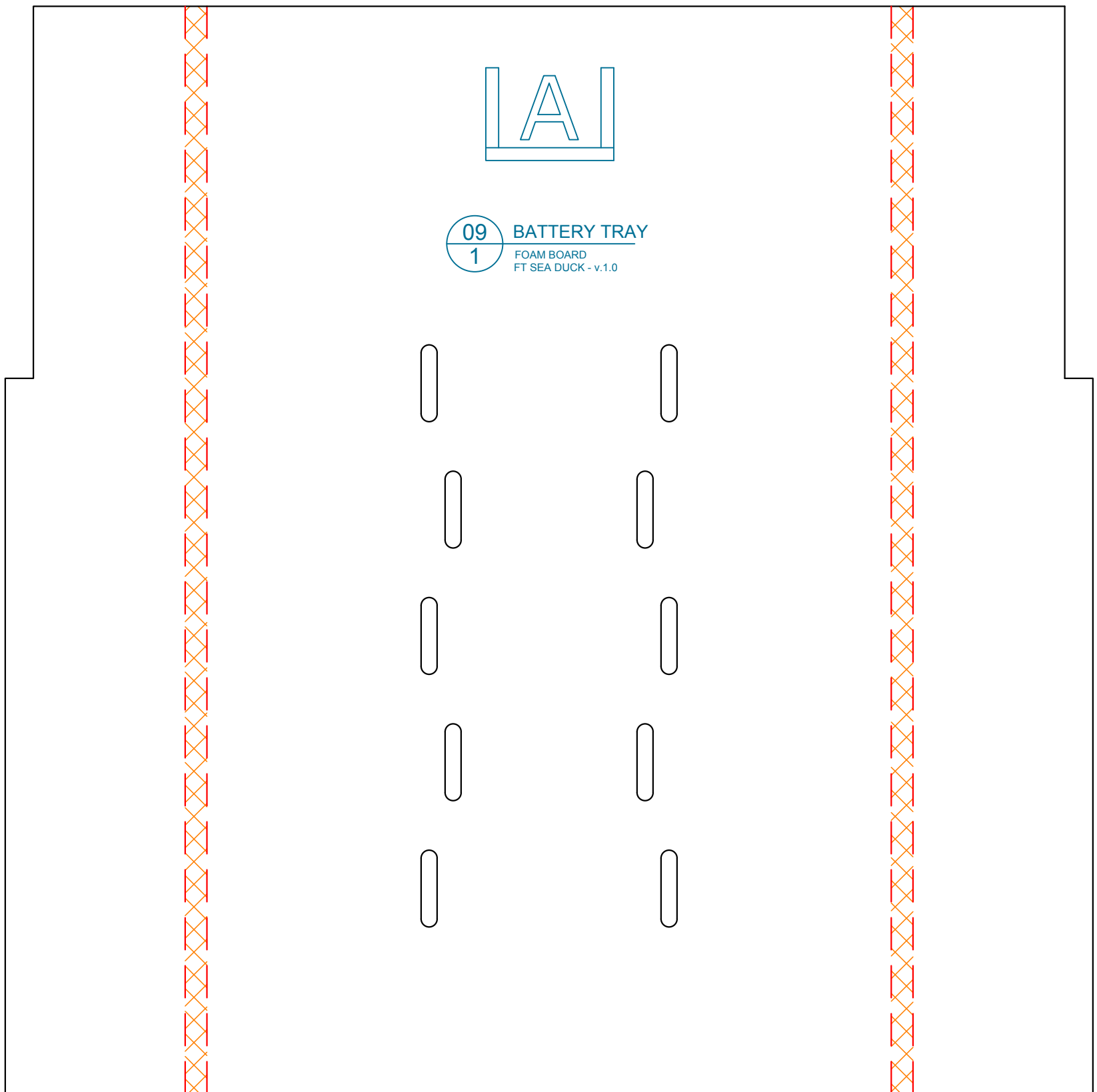
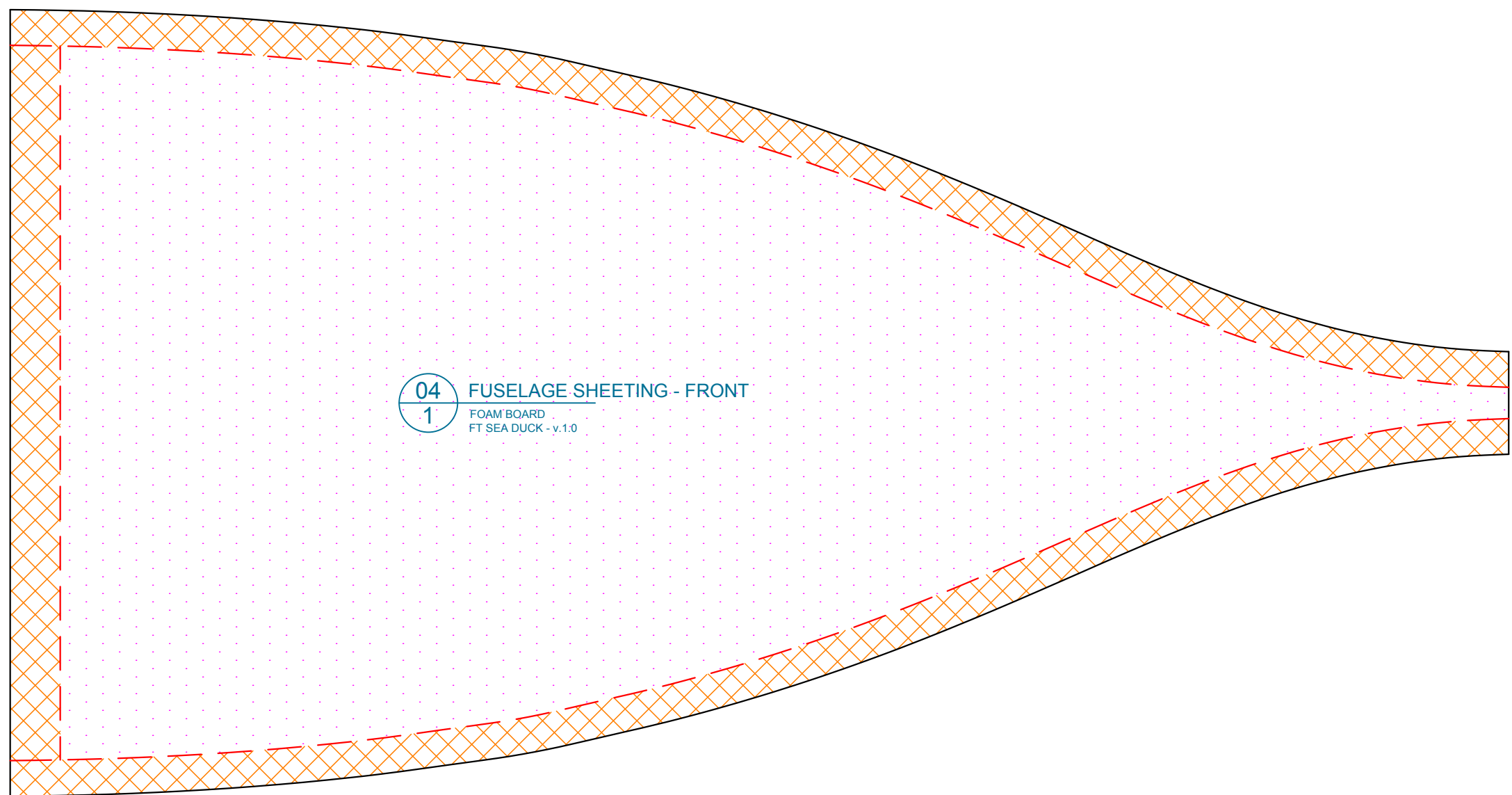
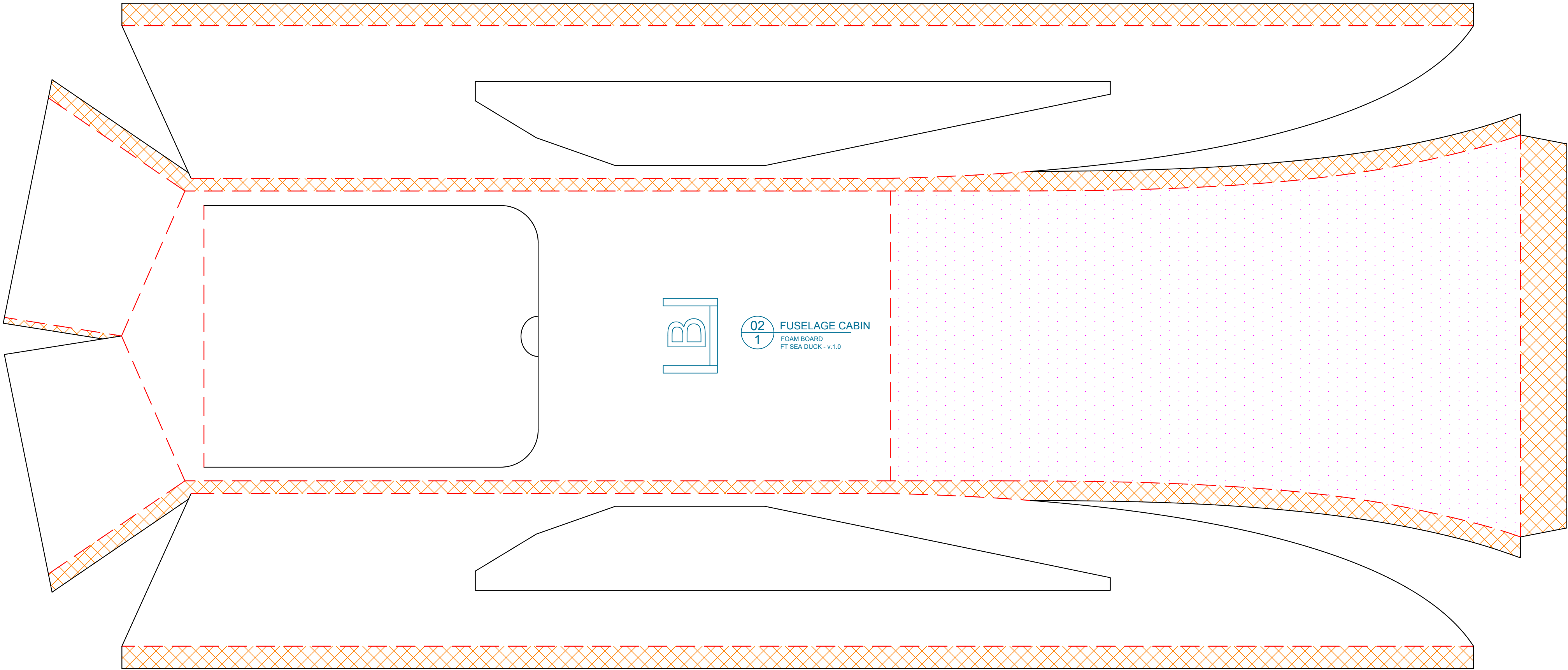
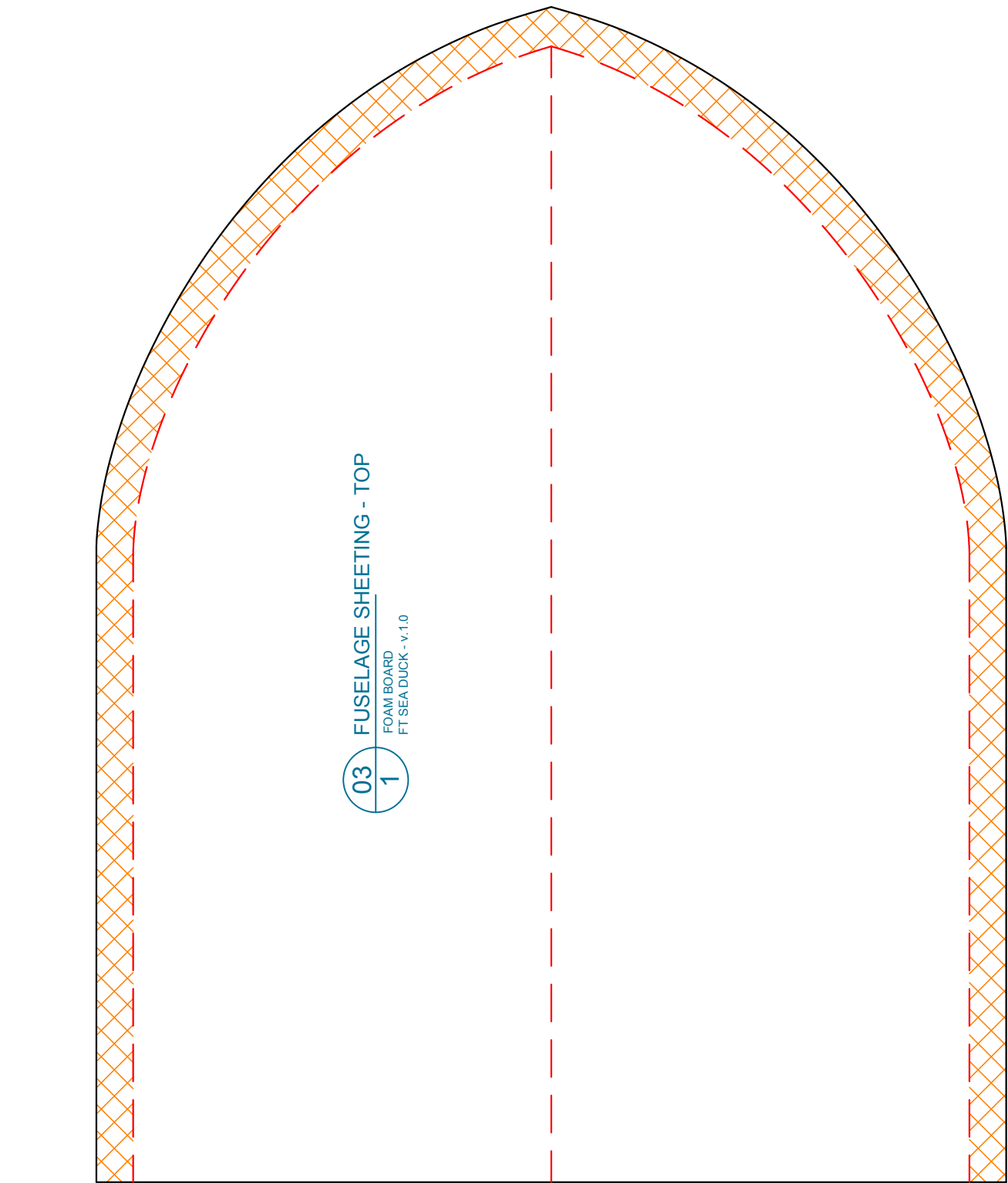
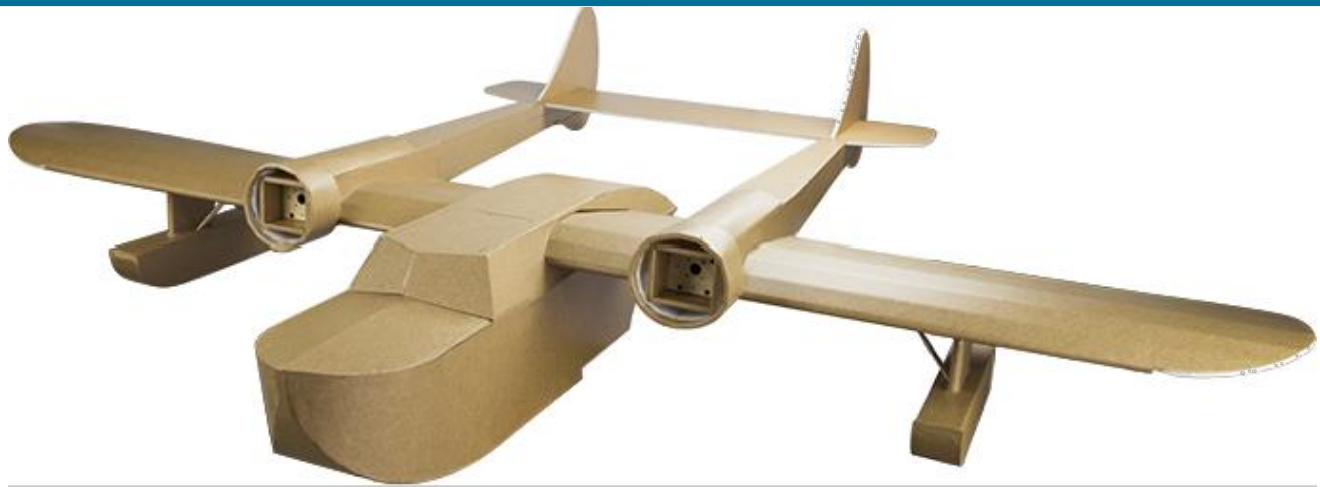
MIRRORED
PART



CENTER
OF
GRAVITY
(CG)


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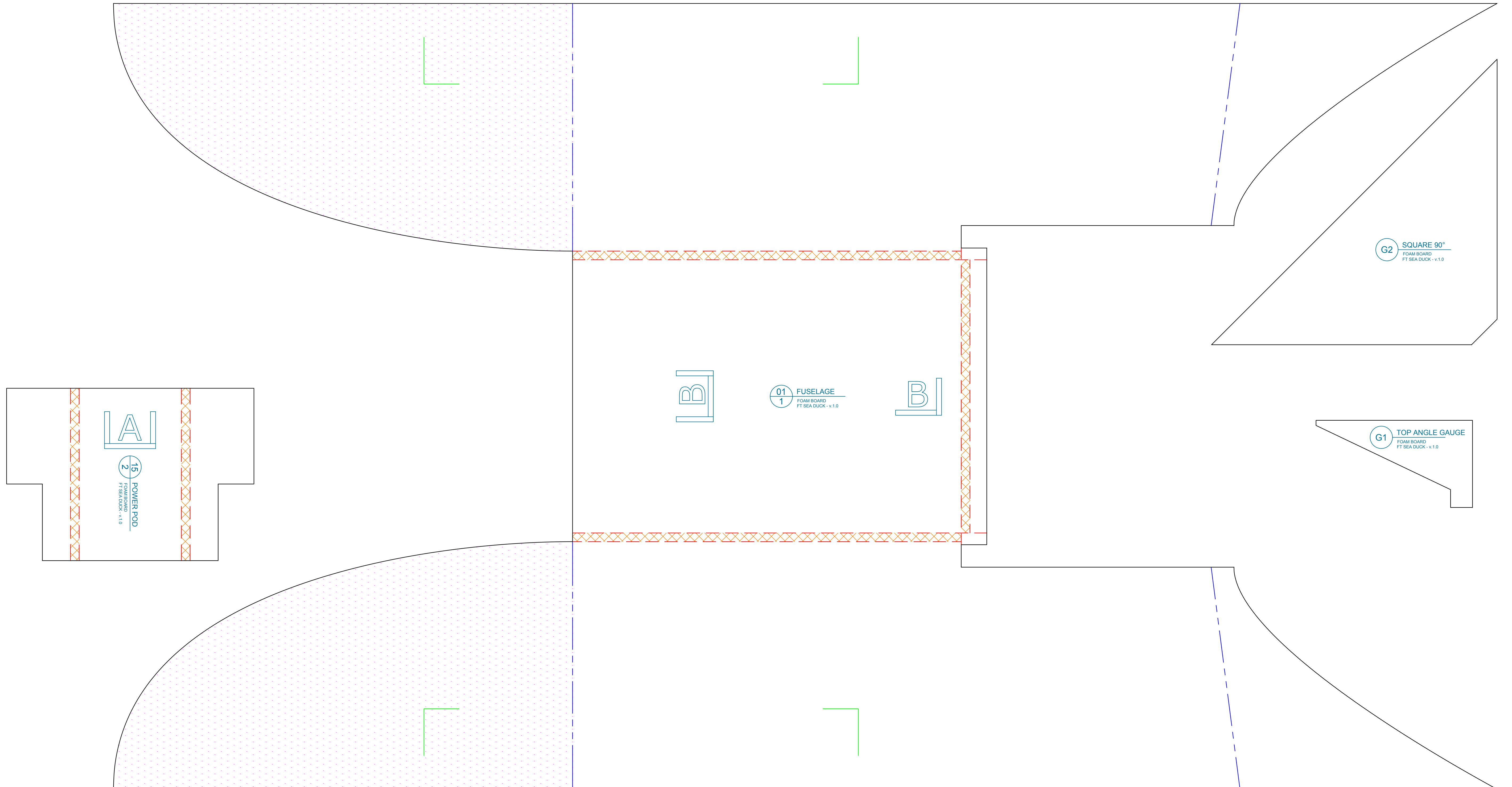
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IN 

CM

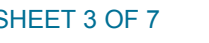
SHEET 2 OF 7



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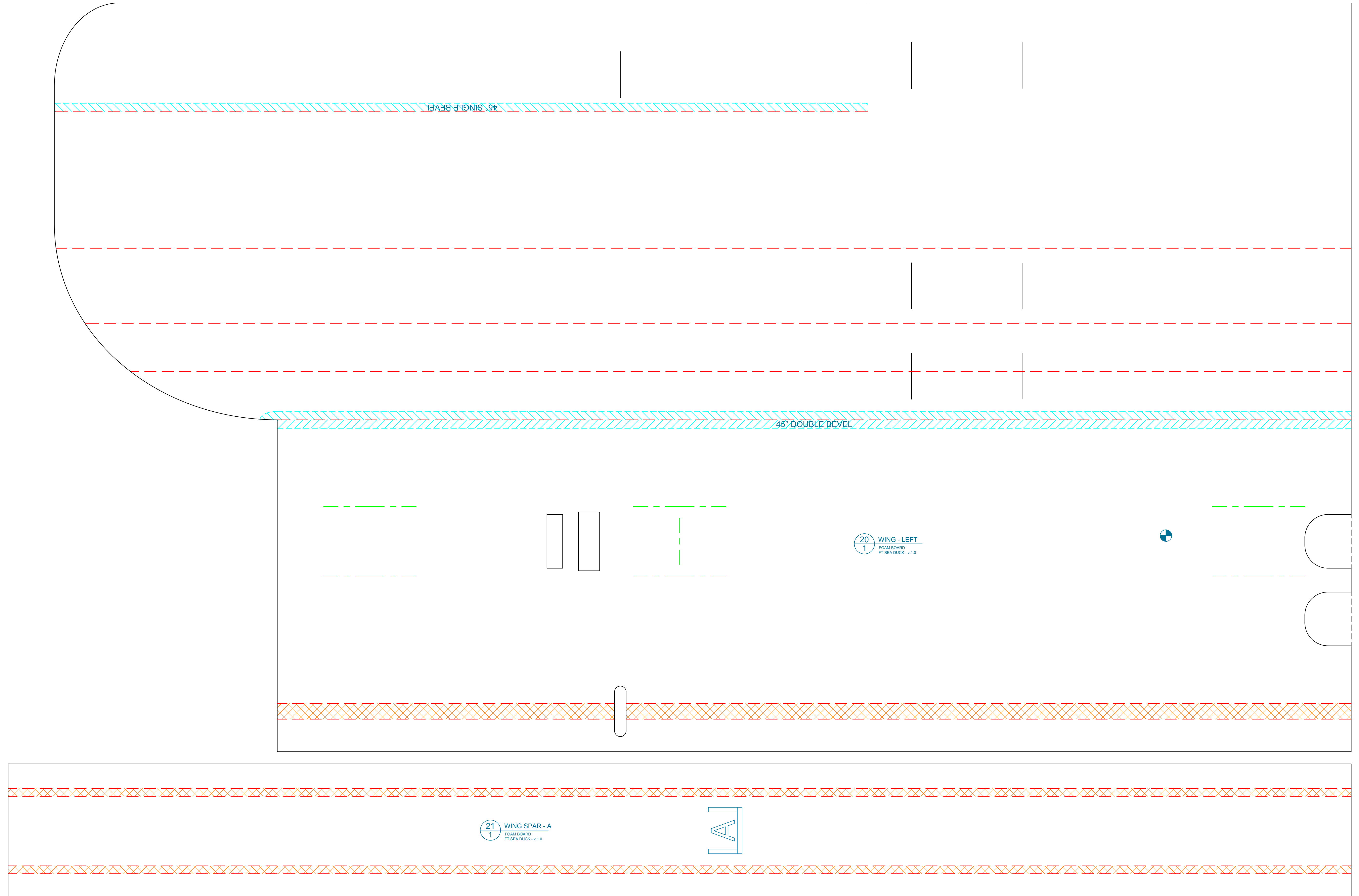
FT Sea Duck

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IN

CM 

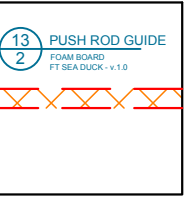
SHEET 4 OF 7



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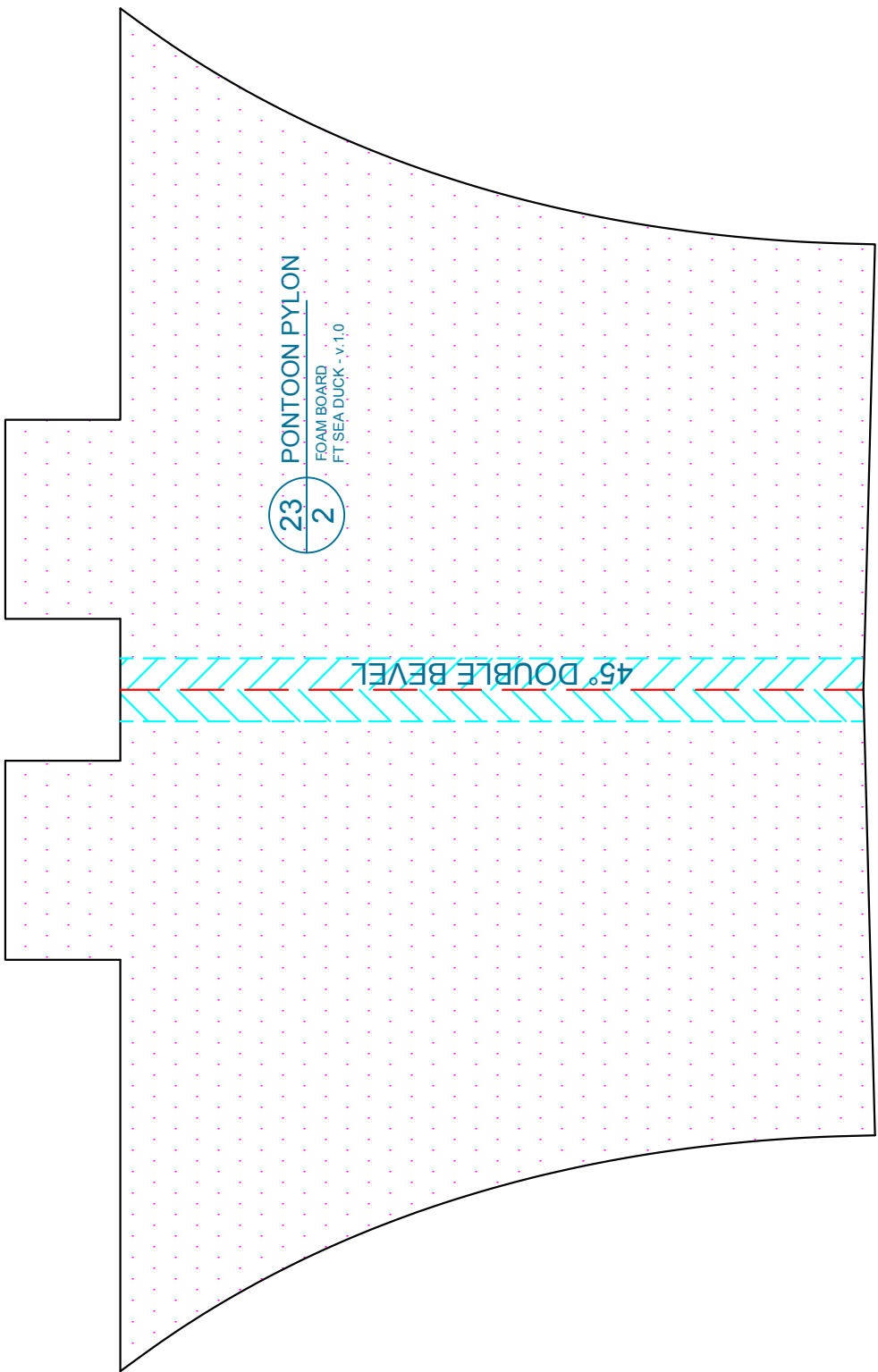
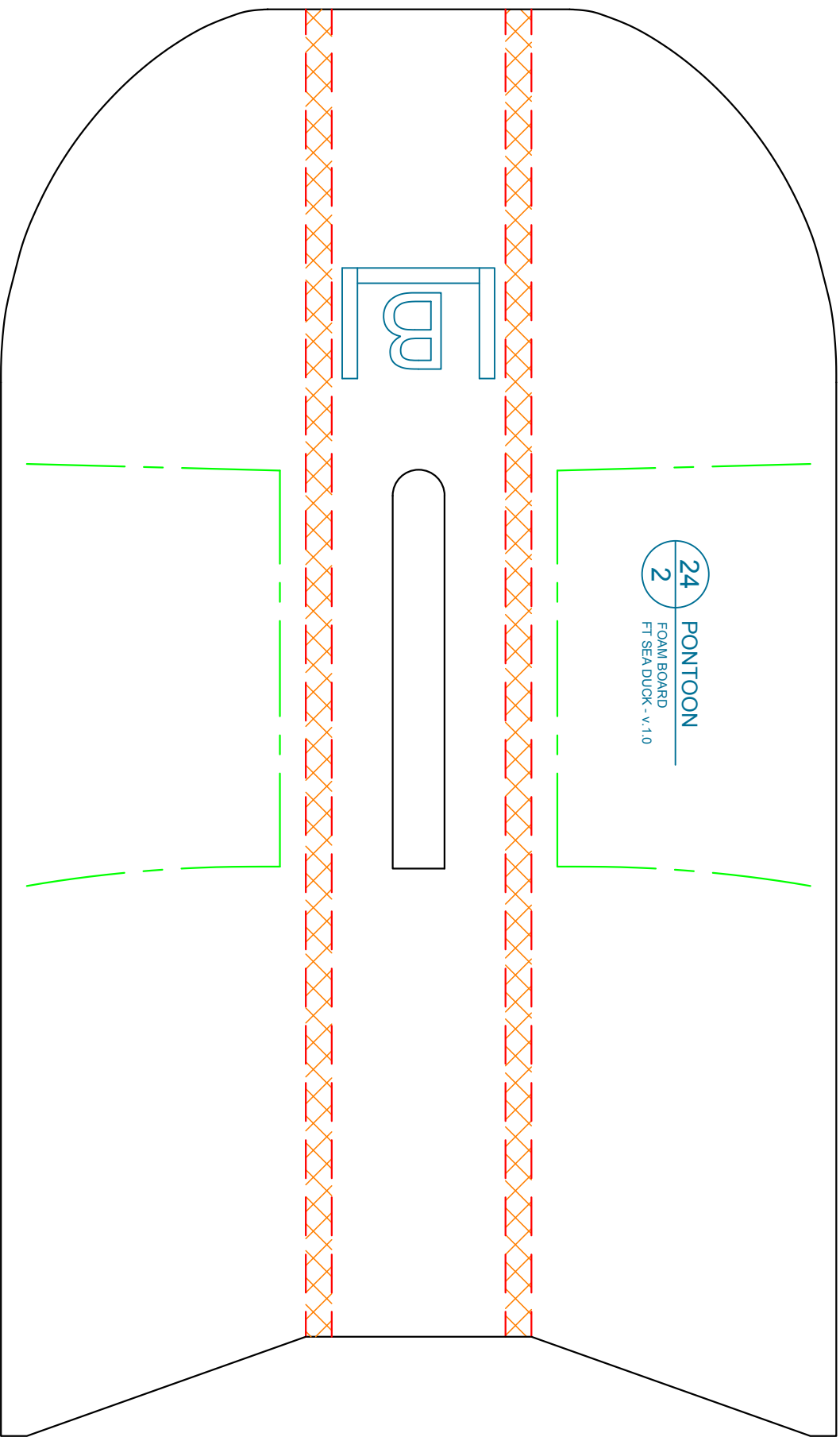
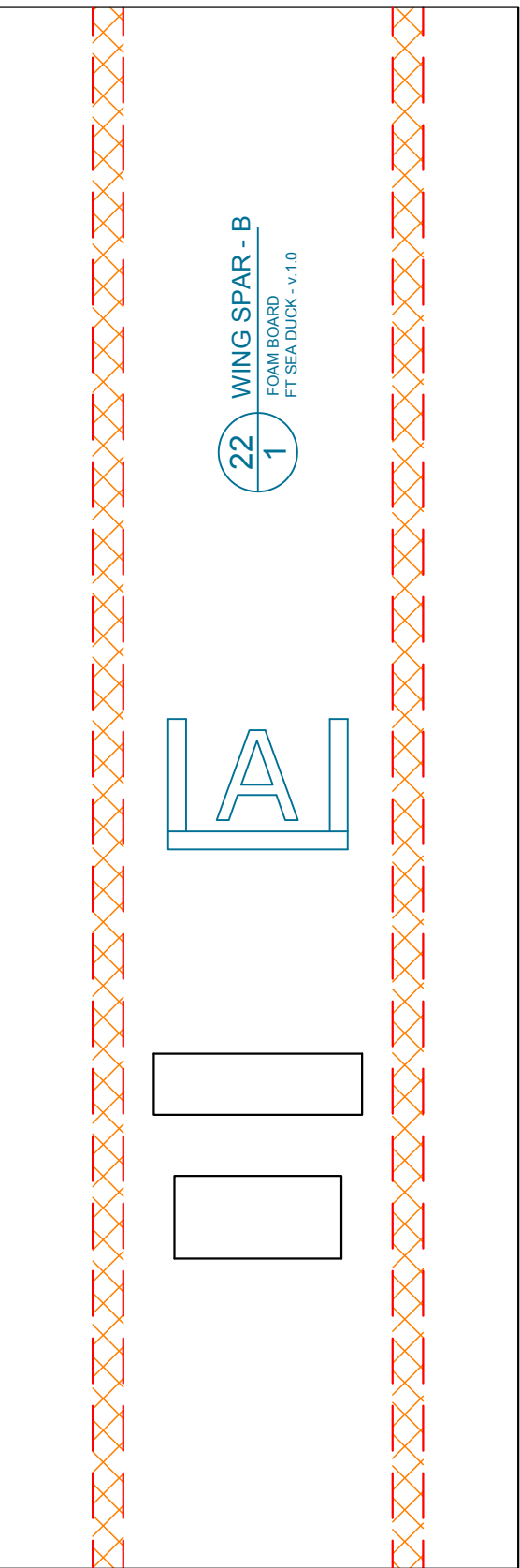
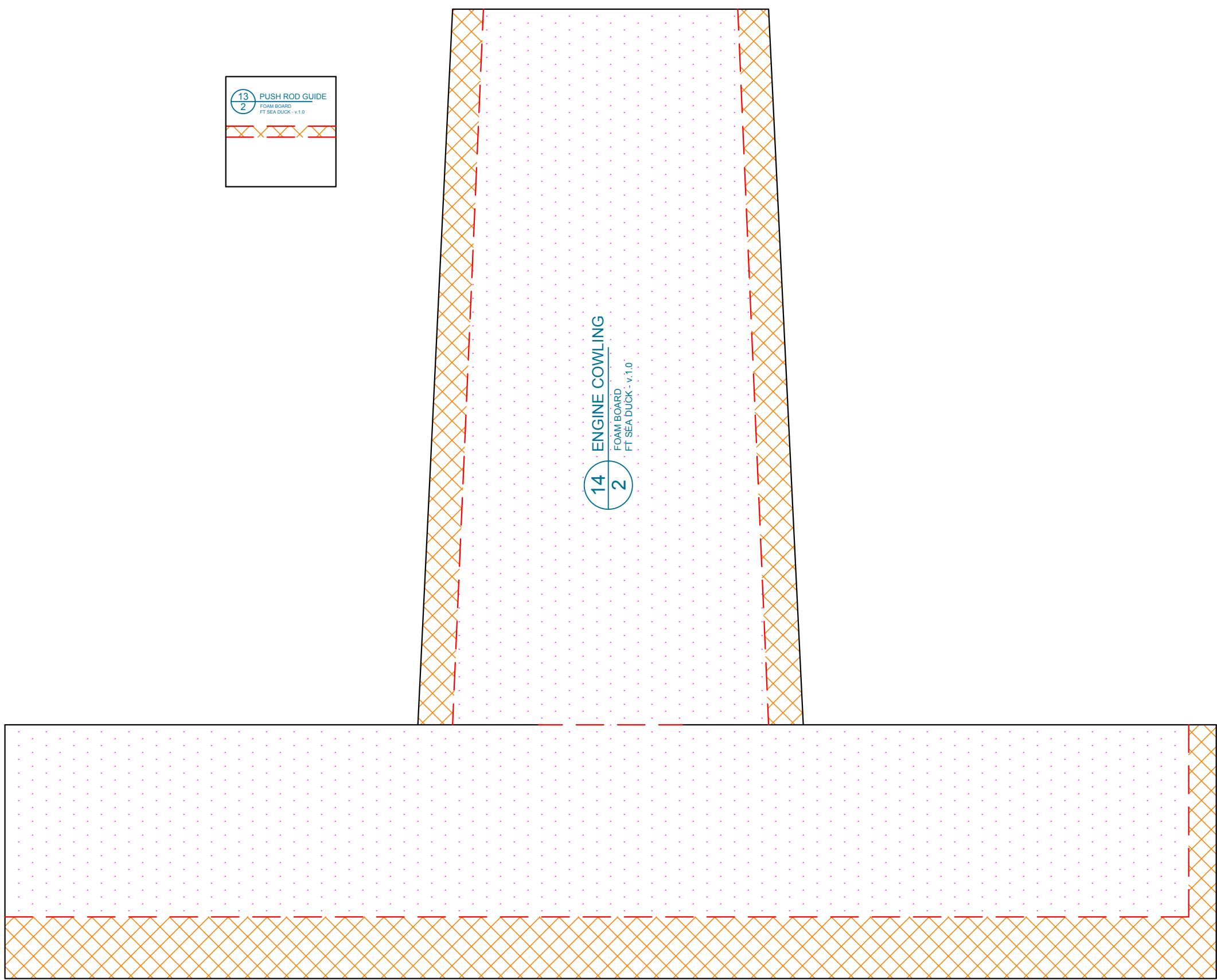
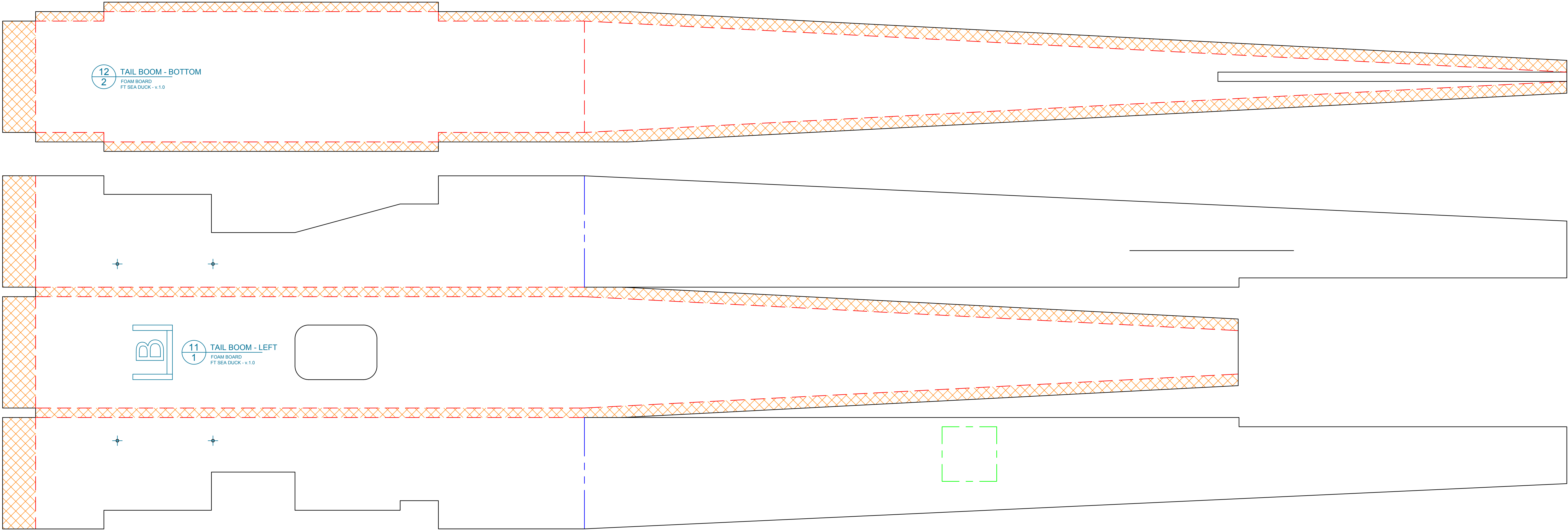
Designed By: Josh Bixler
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SHEET 5 OF 7



FT Sea Duck

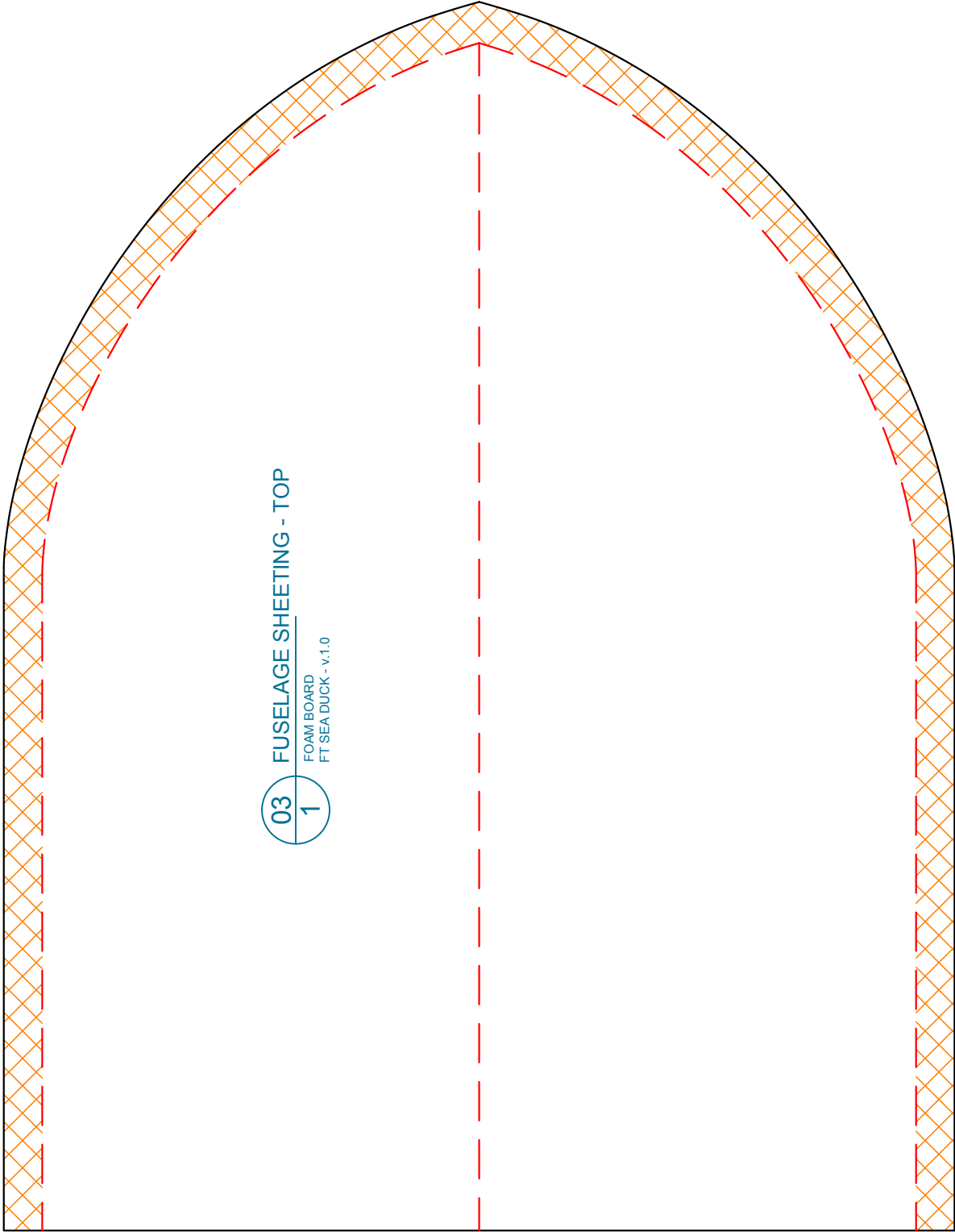
Designed By: Josh Bixler
Drawing By: Dan Sponholz



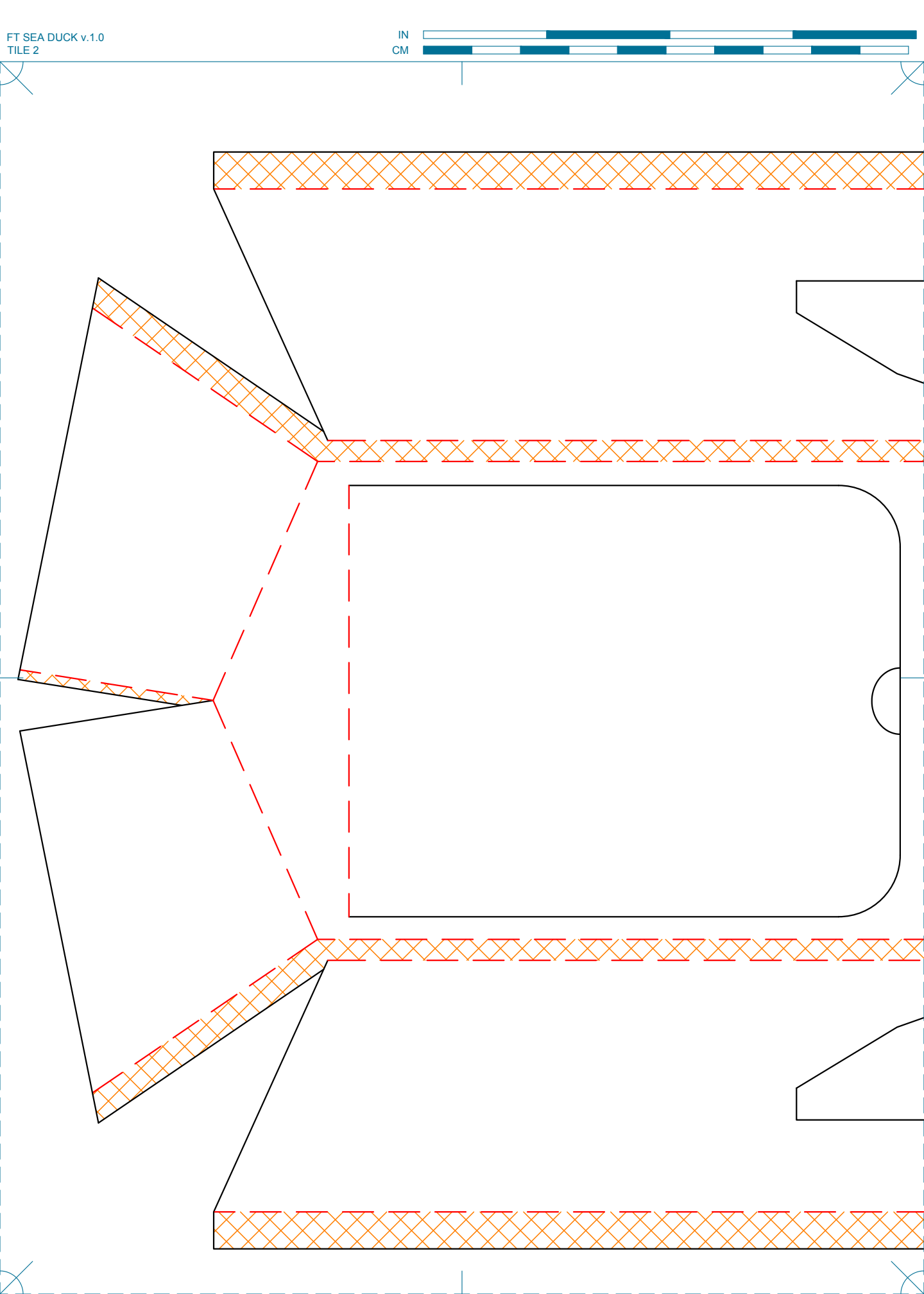
Designed By: Josh Bixler
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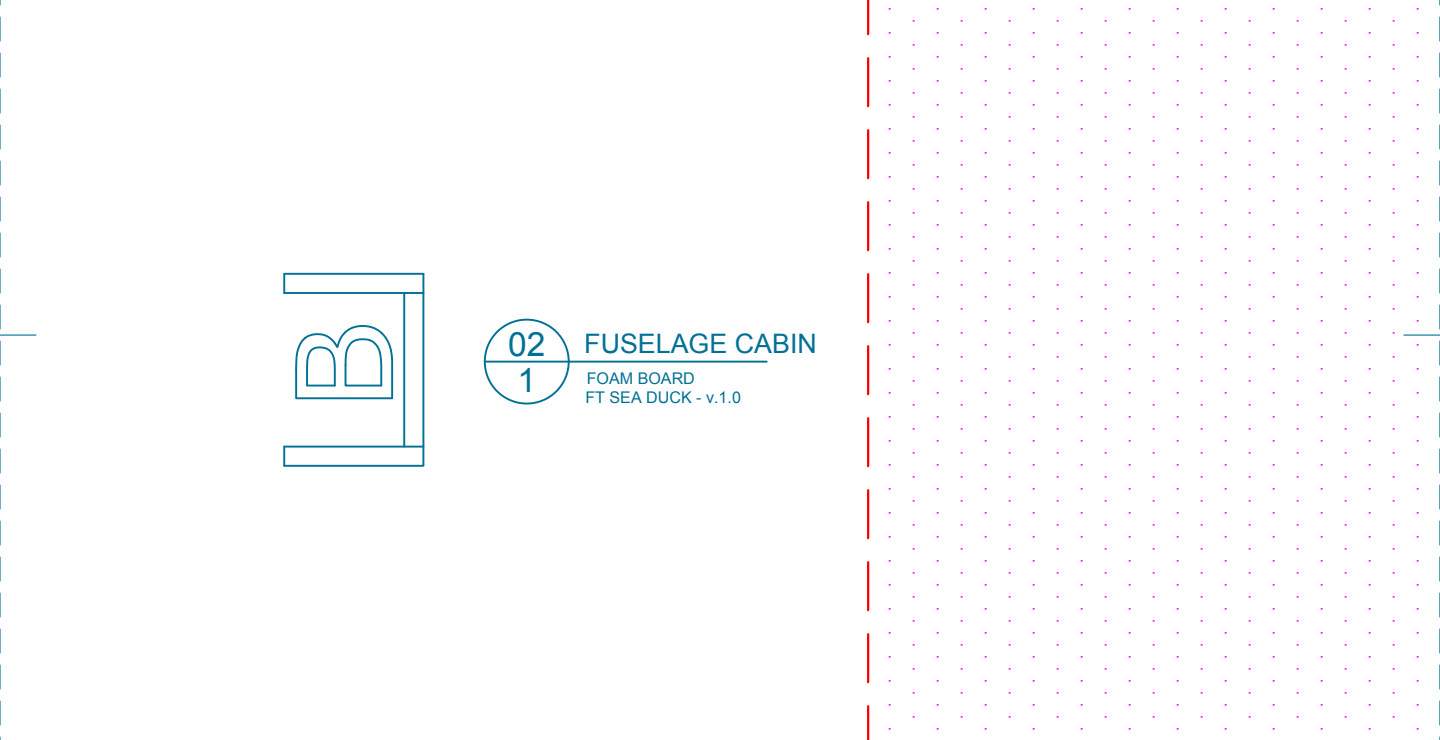
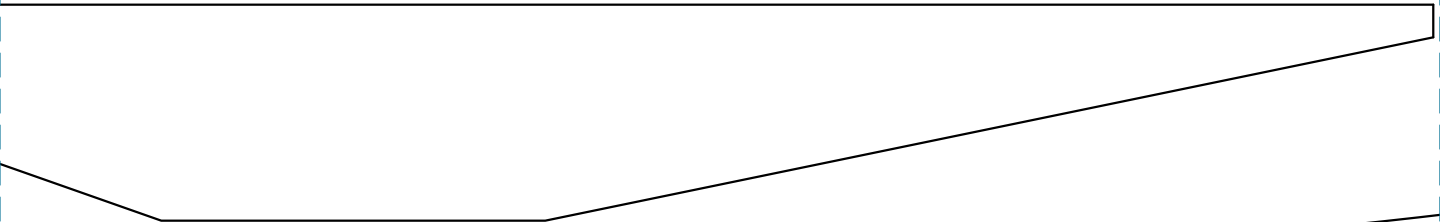
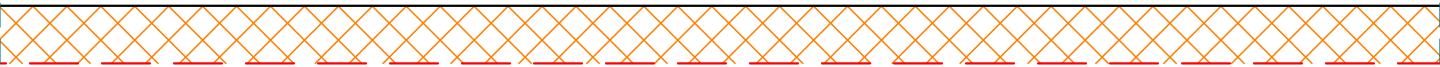
SHEET 7 OF 7





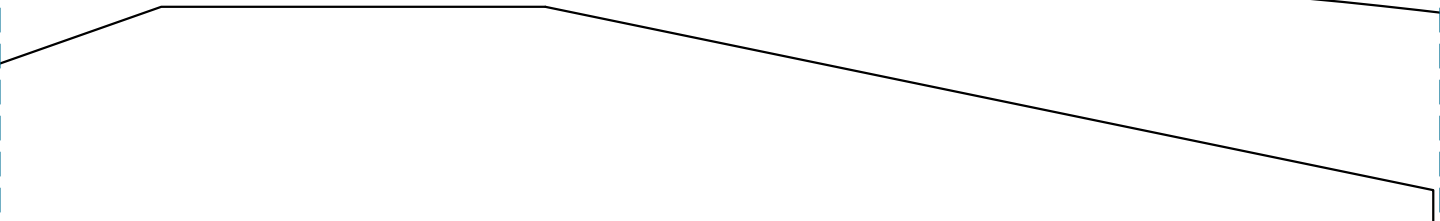
03 FUSELAGE SHEETING - TOP
1 FOAM BOARD
FT SEA DUCK - v.1.0

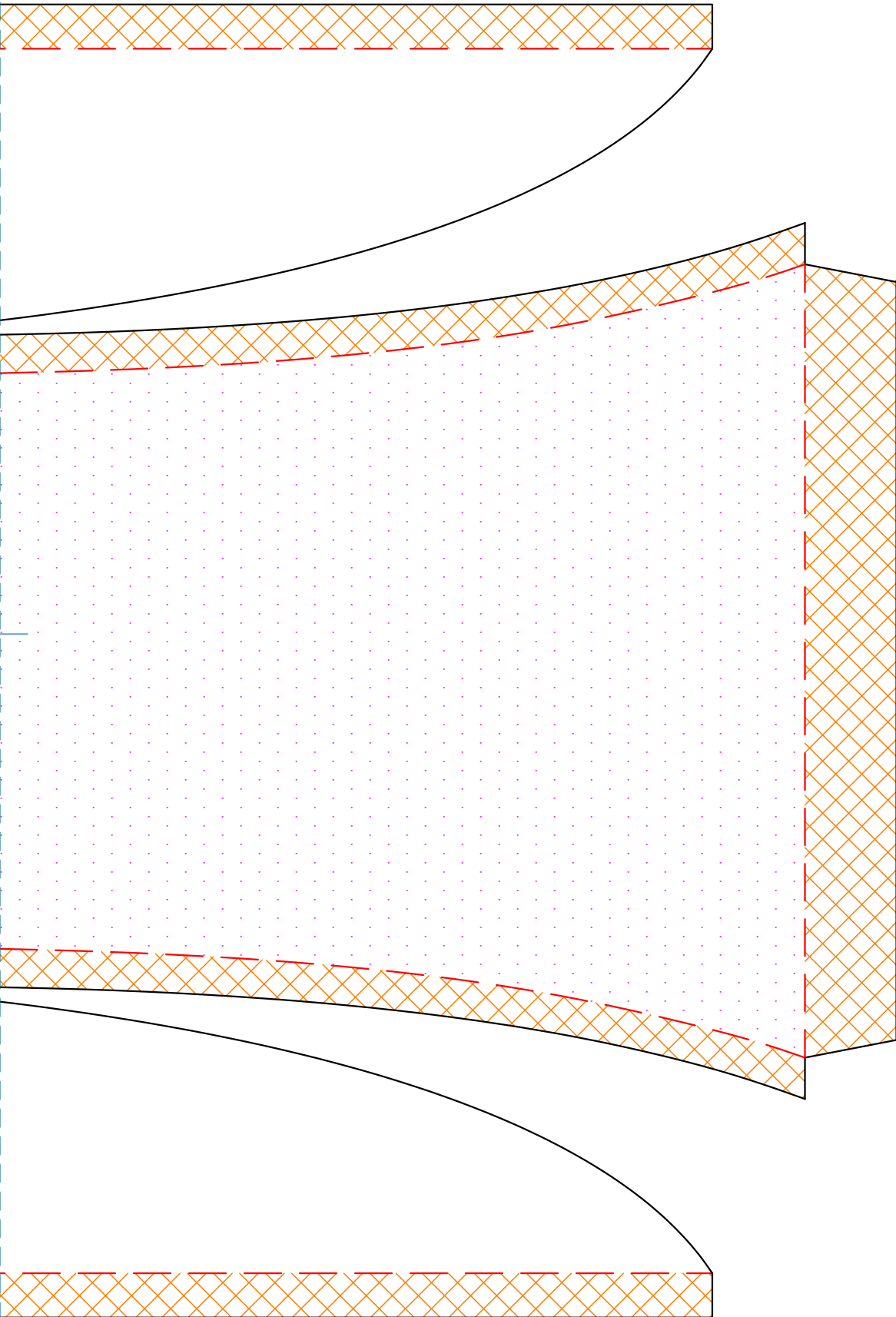


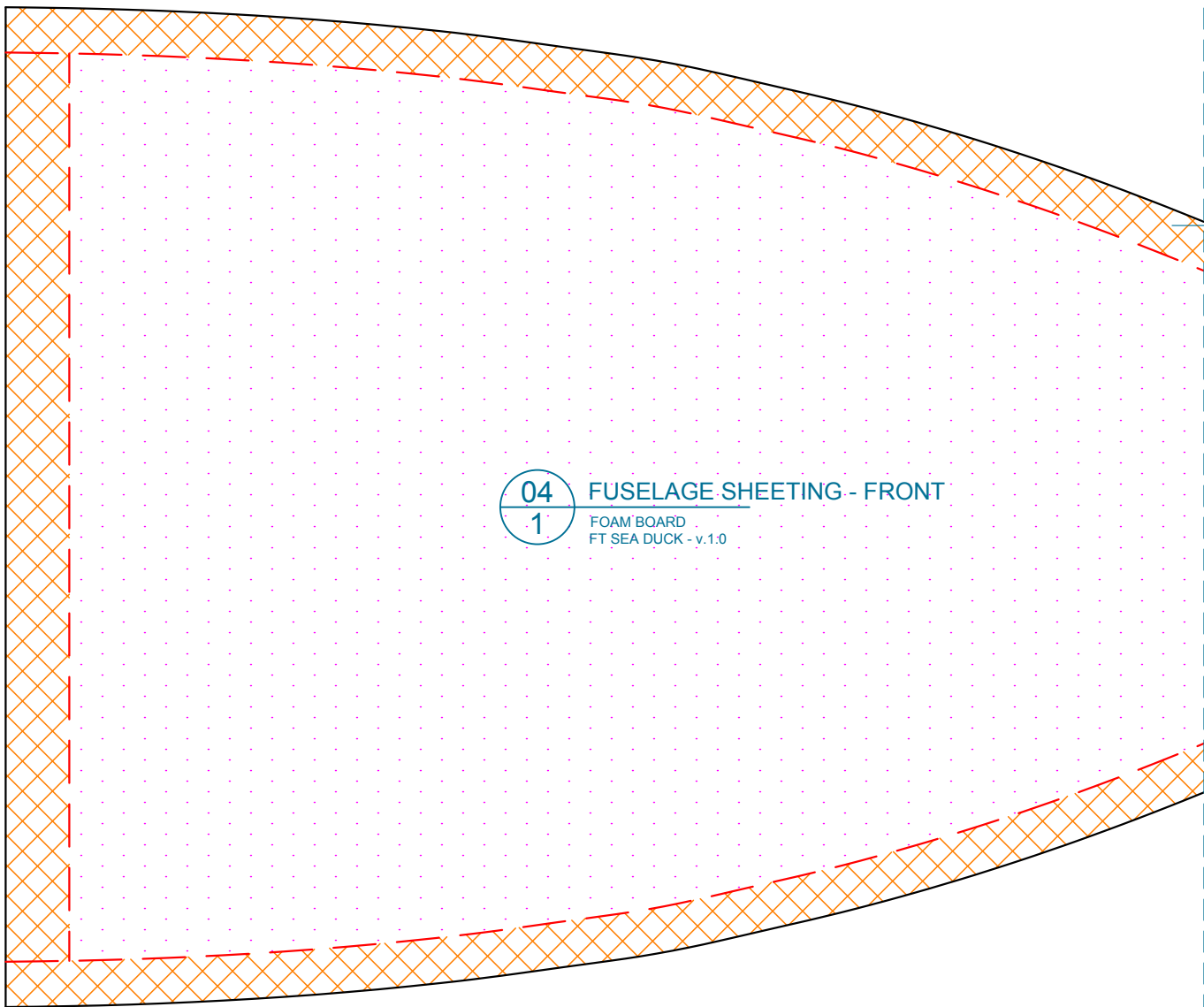


FUSELAGE CABIN

FOAM BOARD
FT SEA DUCK - v.1.0



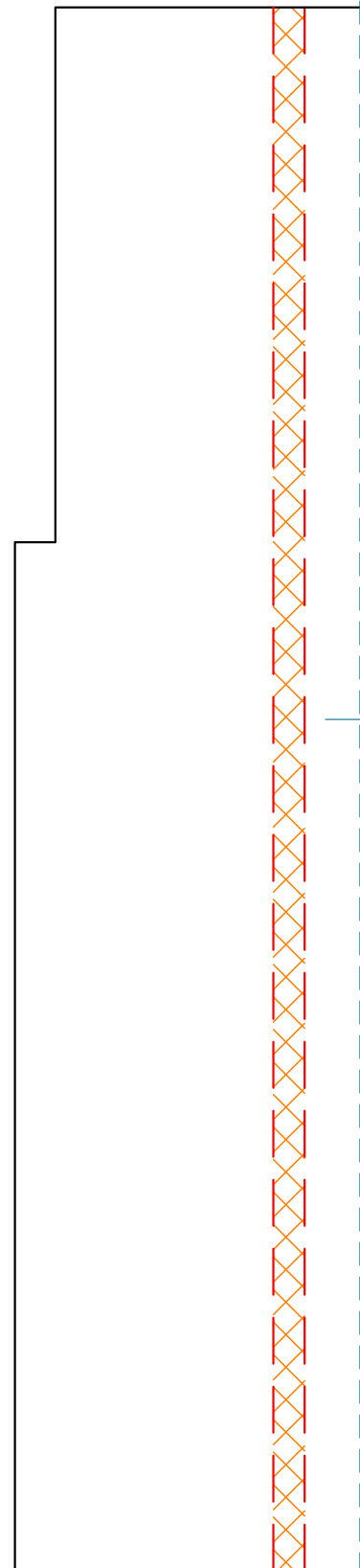
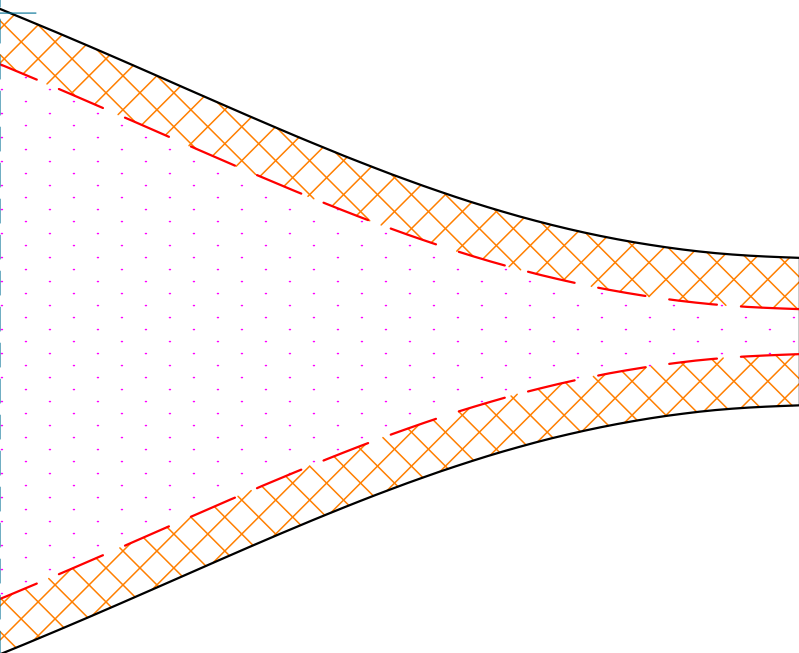




04
1

FUSELAGE SHEETING - FRONT

FOAM BOARD
FT SEA DUCK - v.1.0

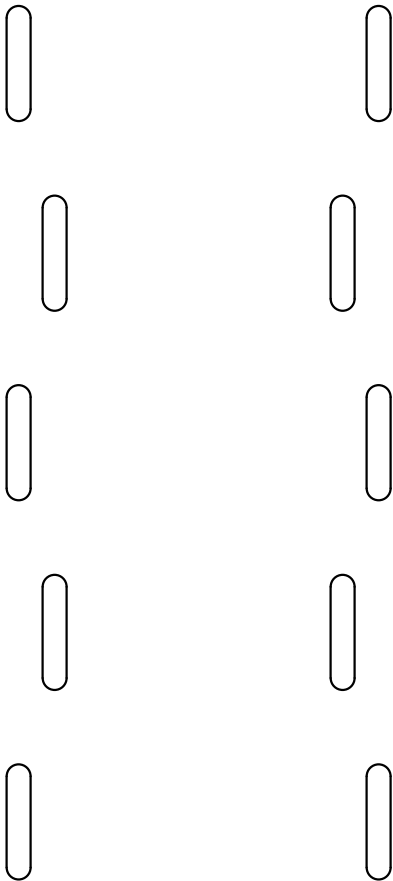




09
1

BATTERY TRAY

FOAM BOARD
FT SEA DUCK - v.1.0



08
1

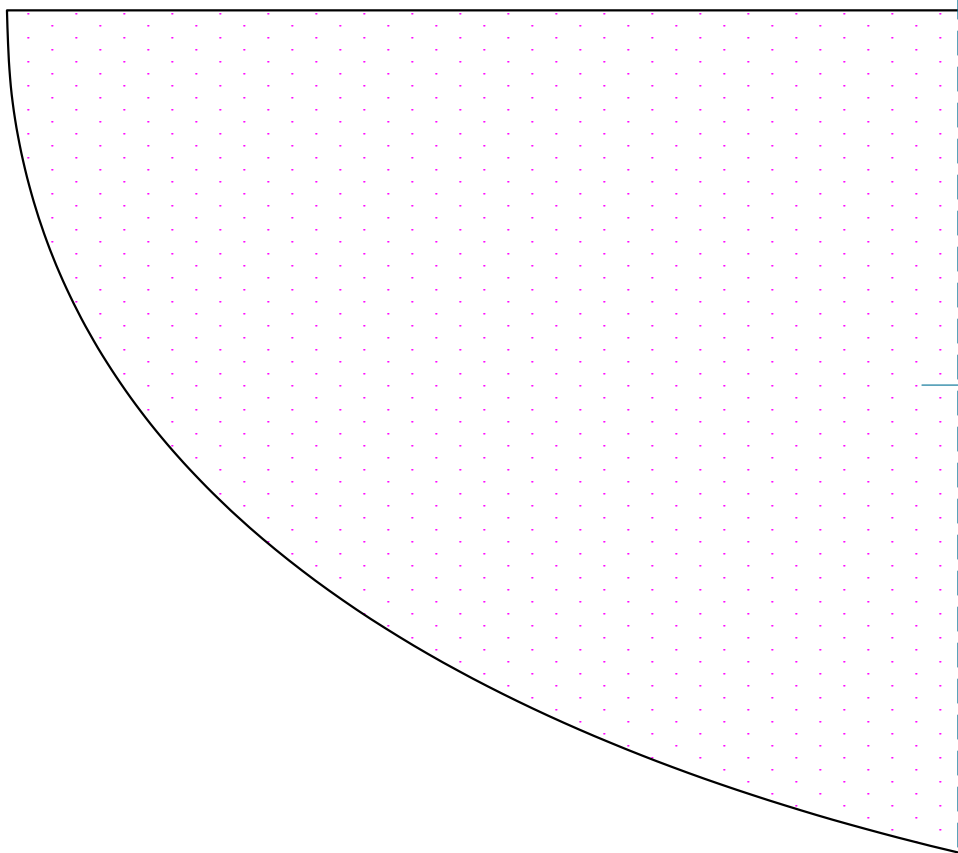
HATCH SUPPORT

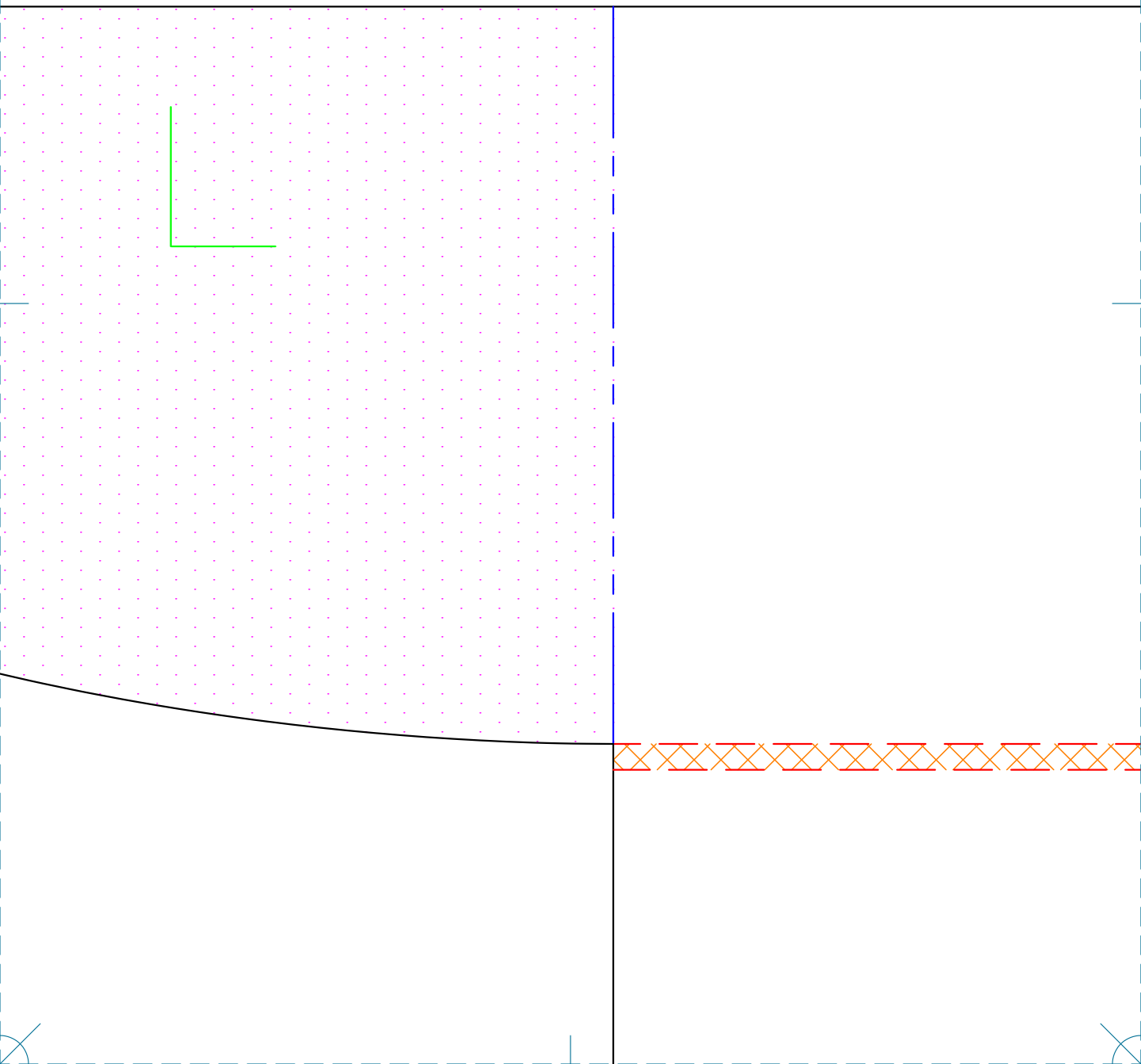
FOAM BOARD
FT SEA DUCK - v.1.0

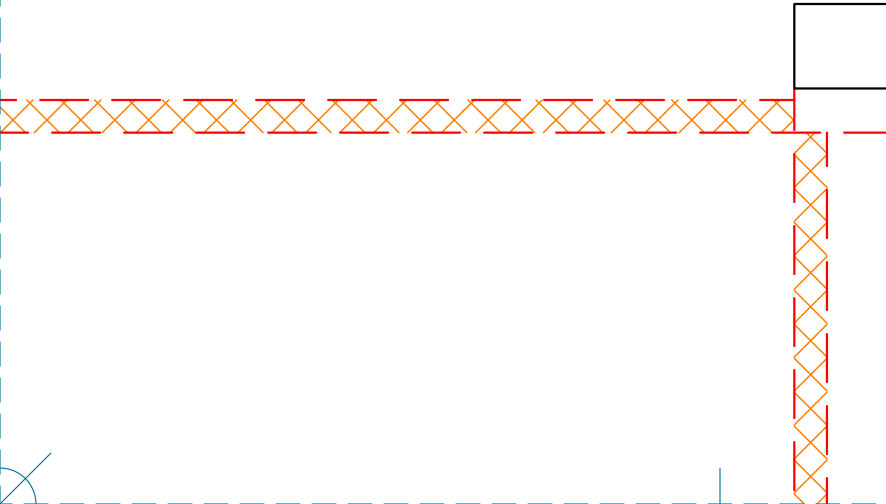


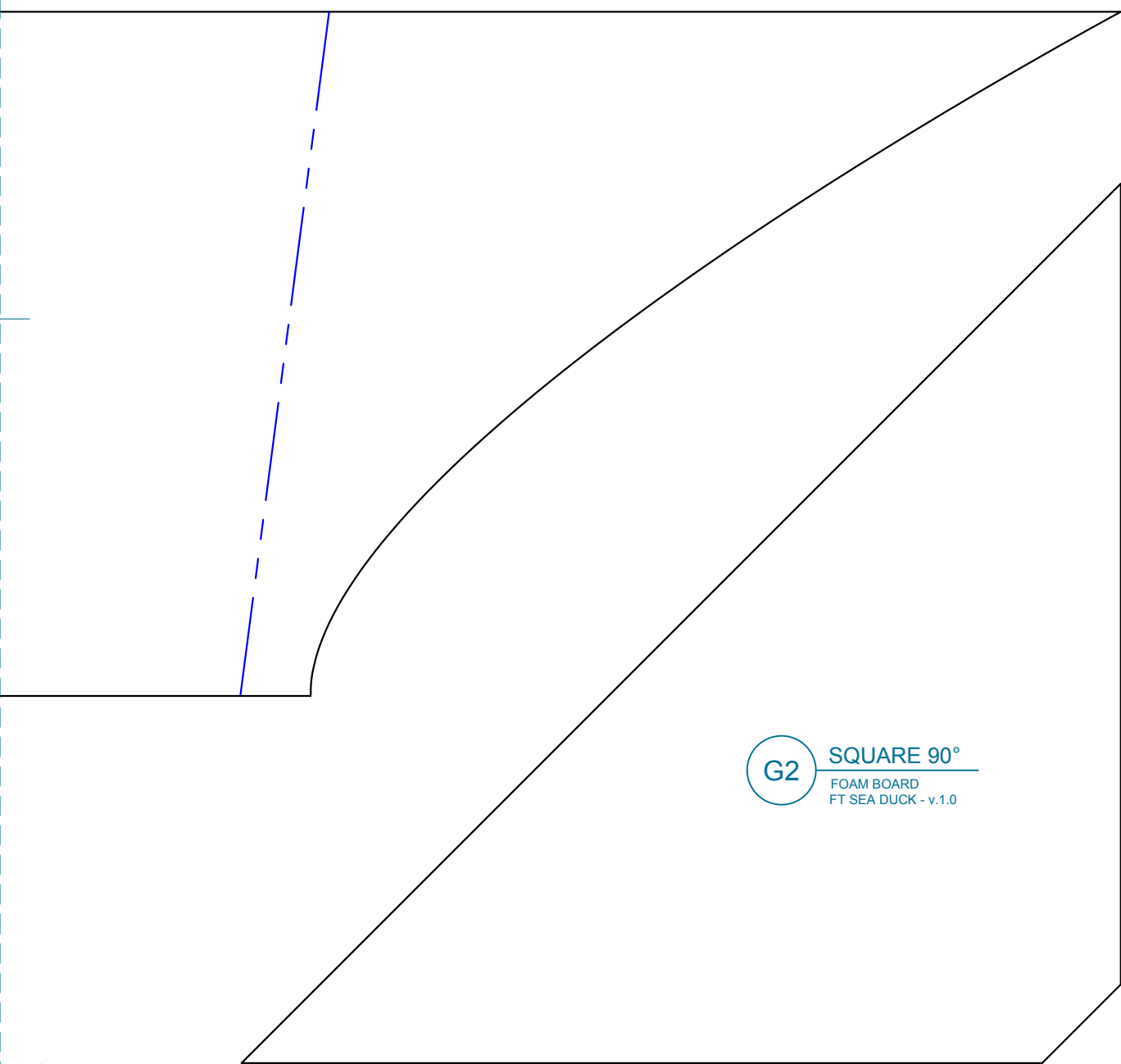
B



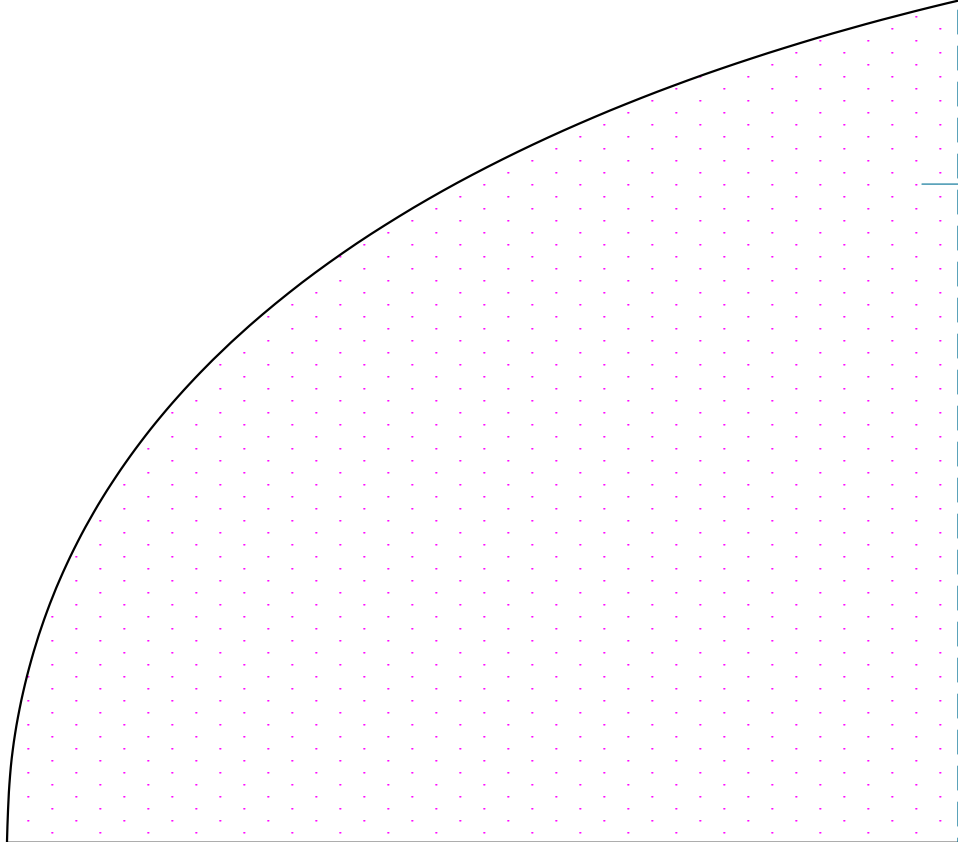
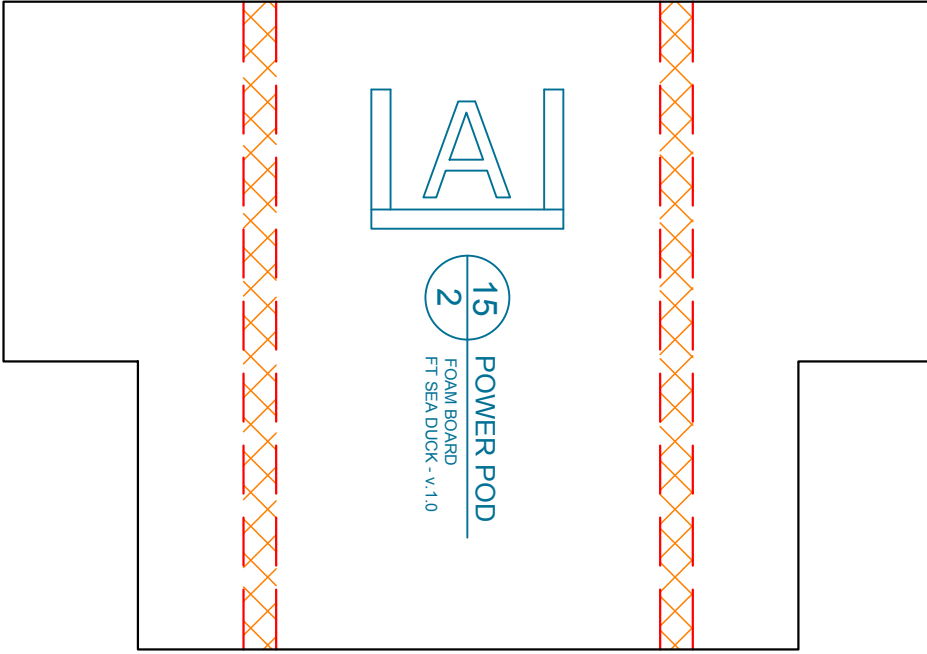


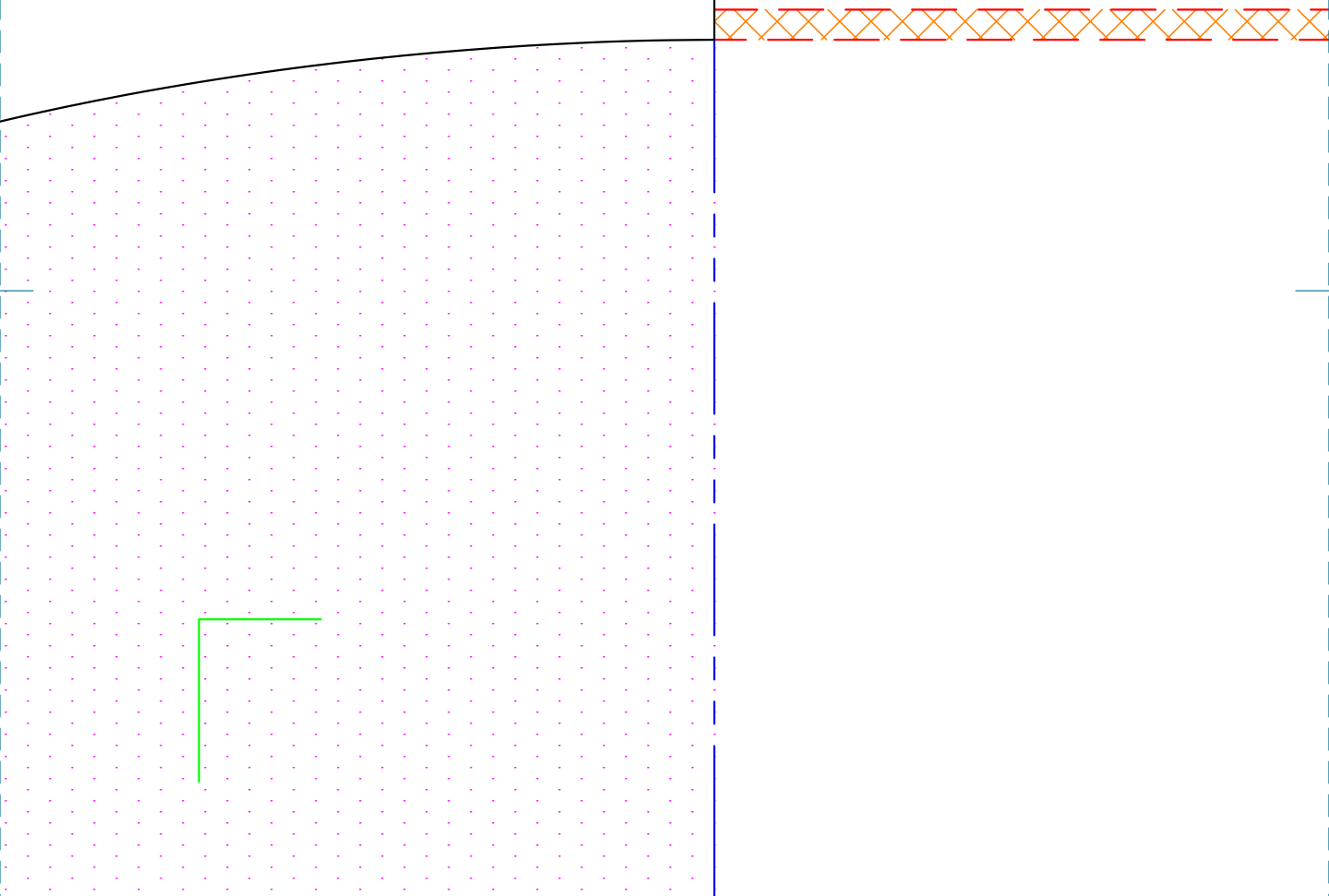






G2 SQUARE 90°
FOAM BOARD
FT SEA DUCK - v.1.0



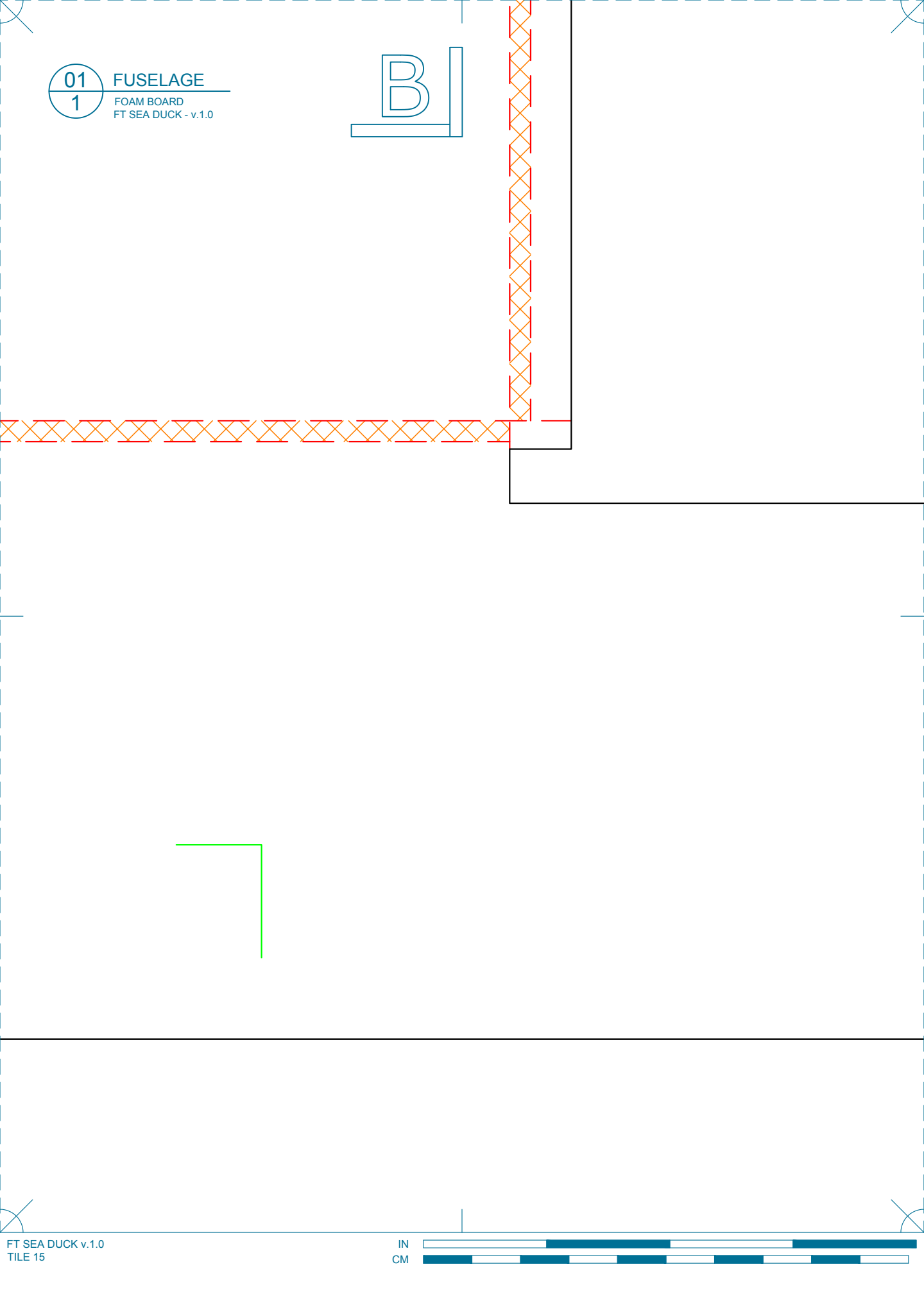


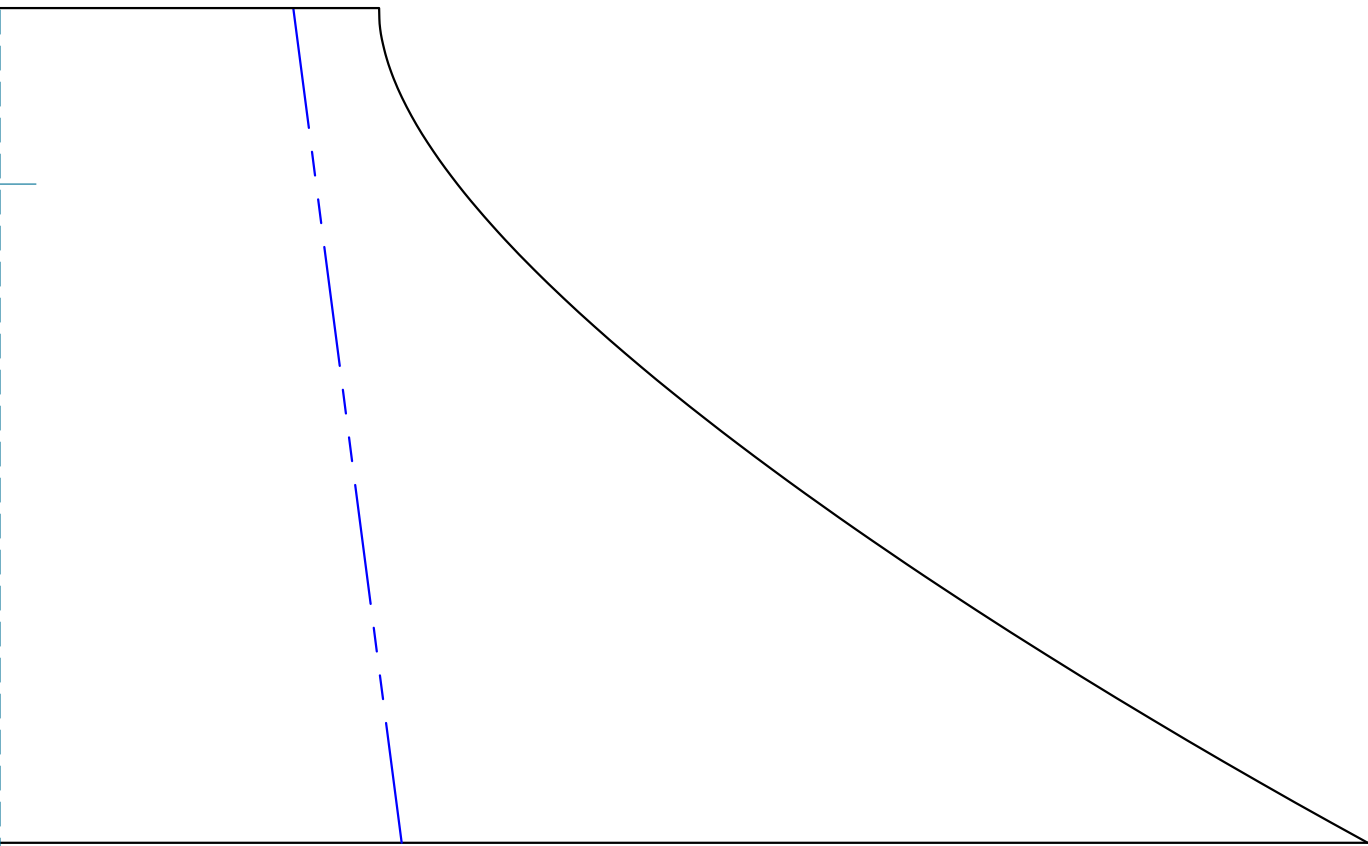
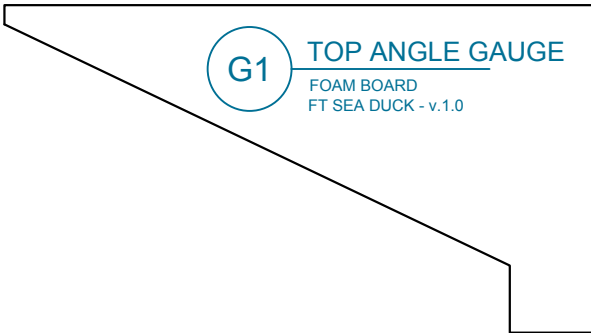
01
1

FUSELAGE

FOAM BOARD
FT SEA DUCK - v.1.0

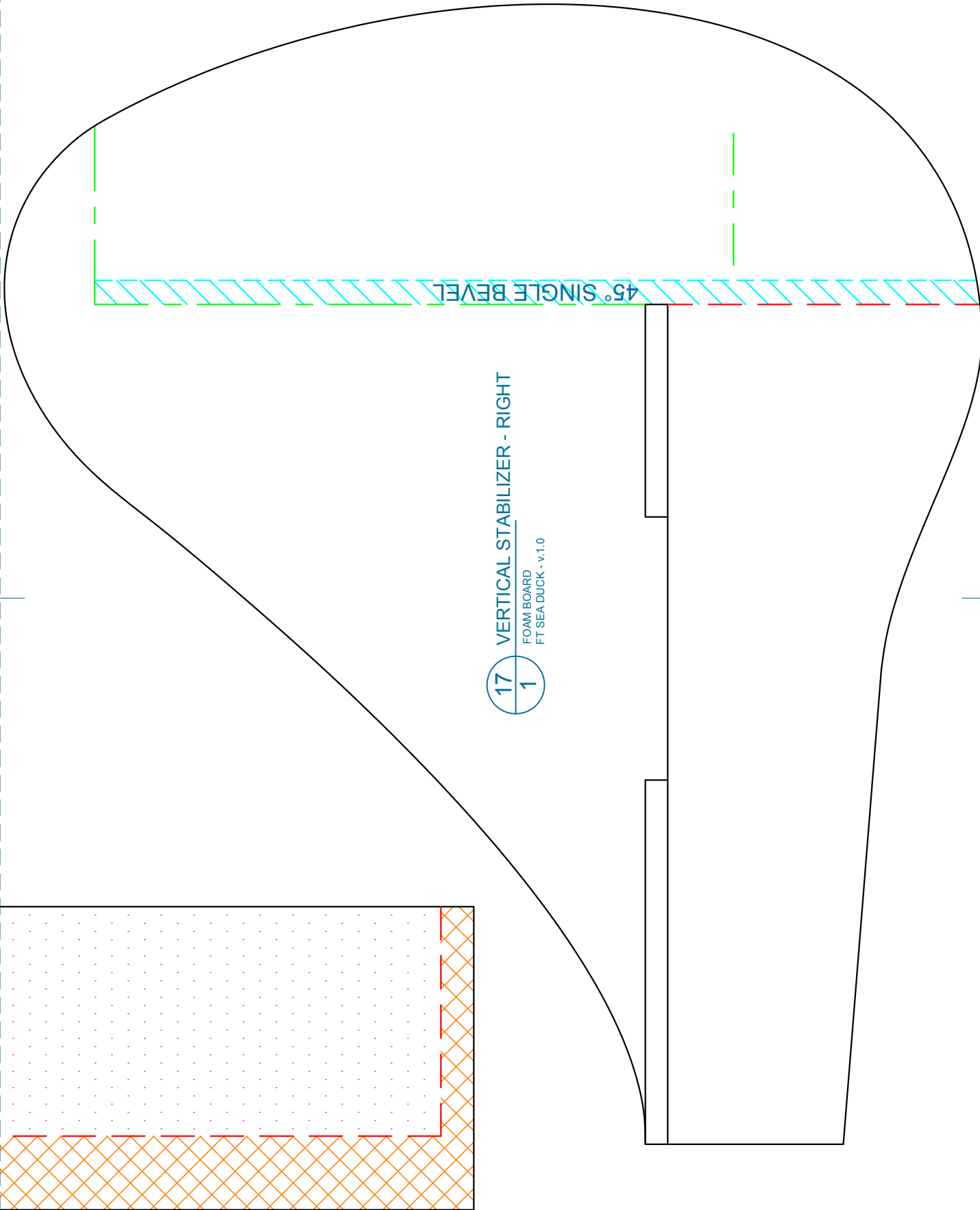
B







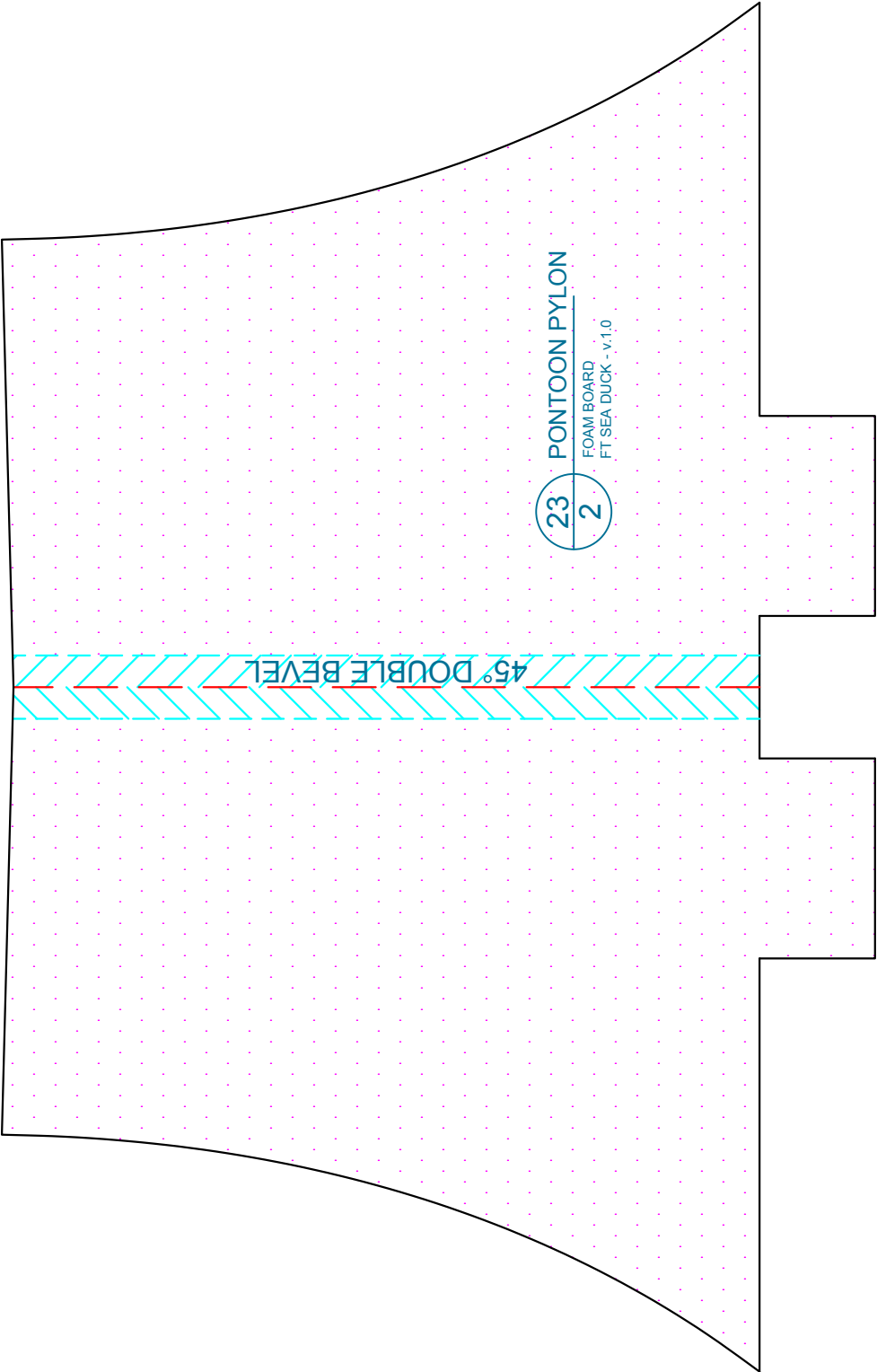
14 ENGINE COWLING
FOAM BOARD
FT SEA DUCK - v.1.0

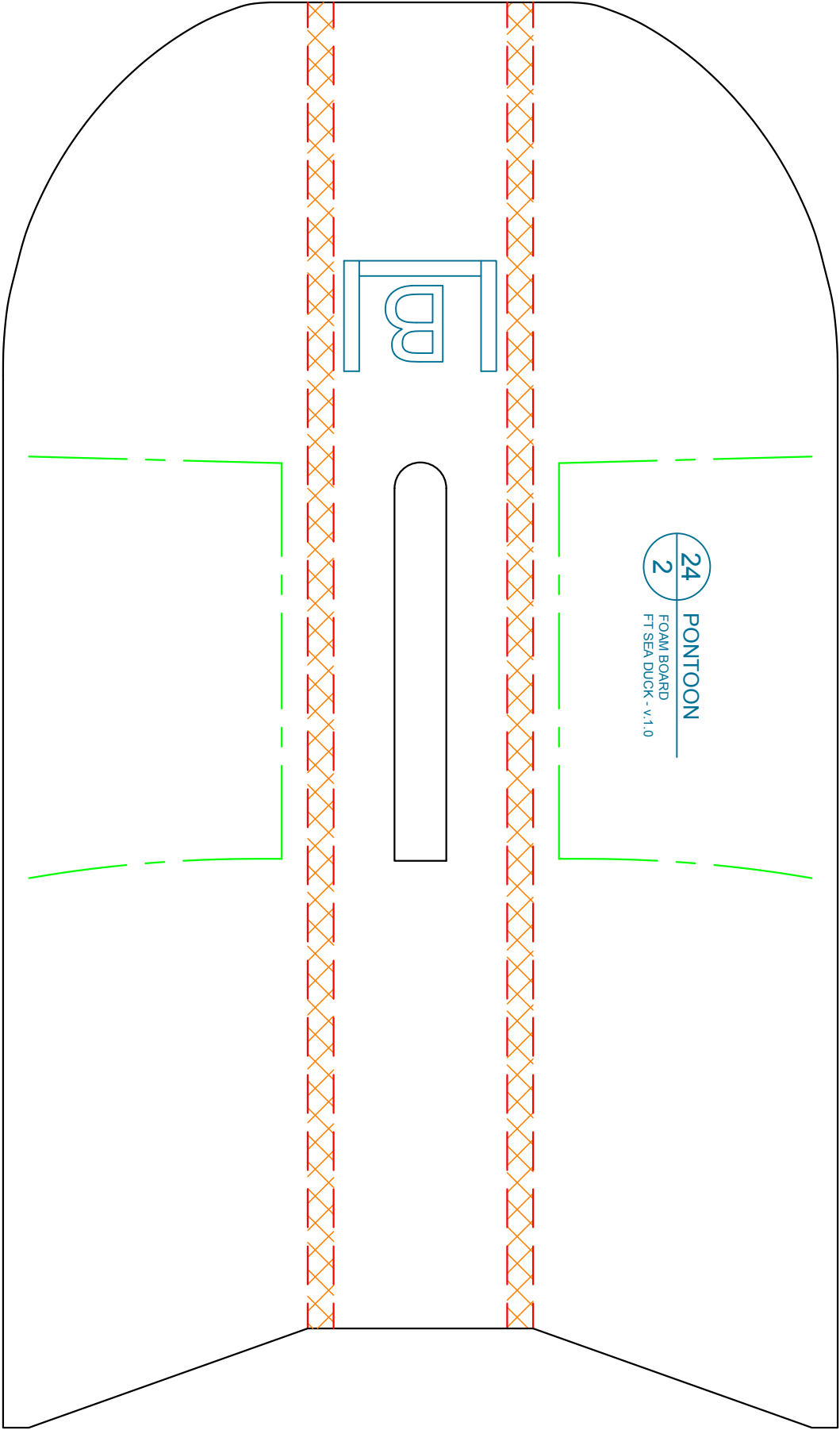


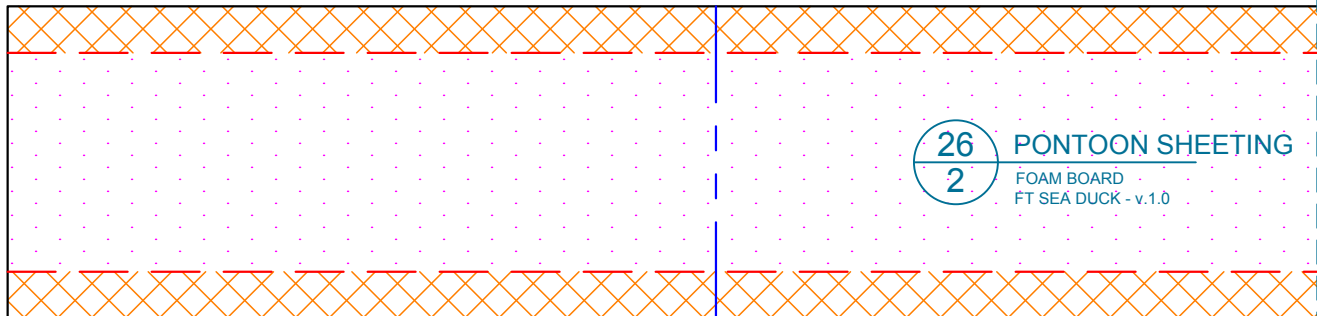
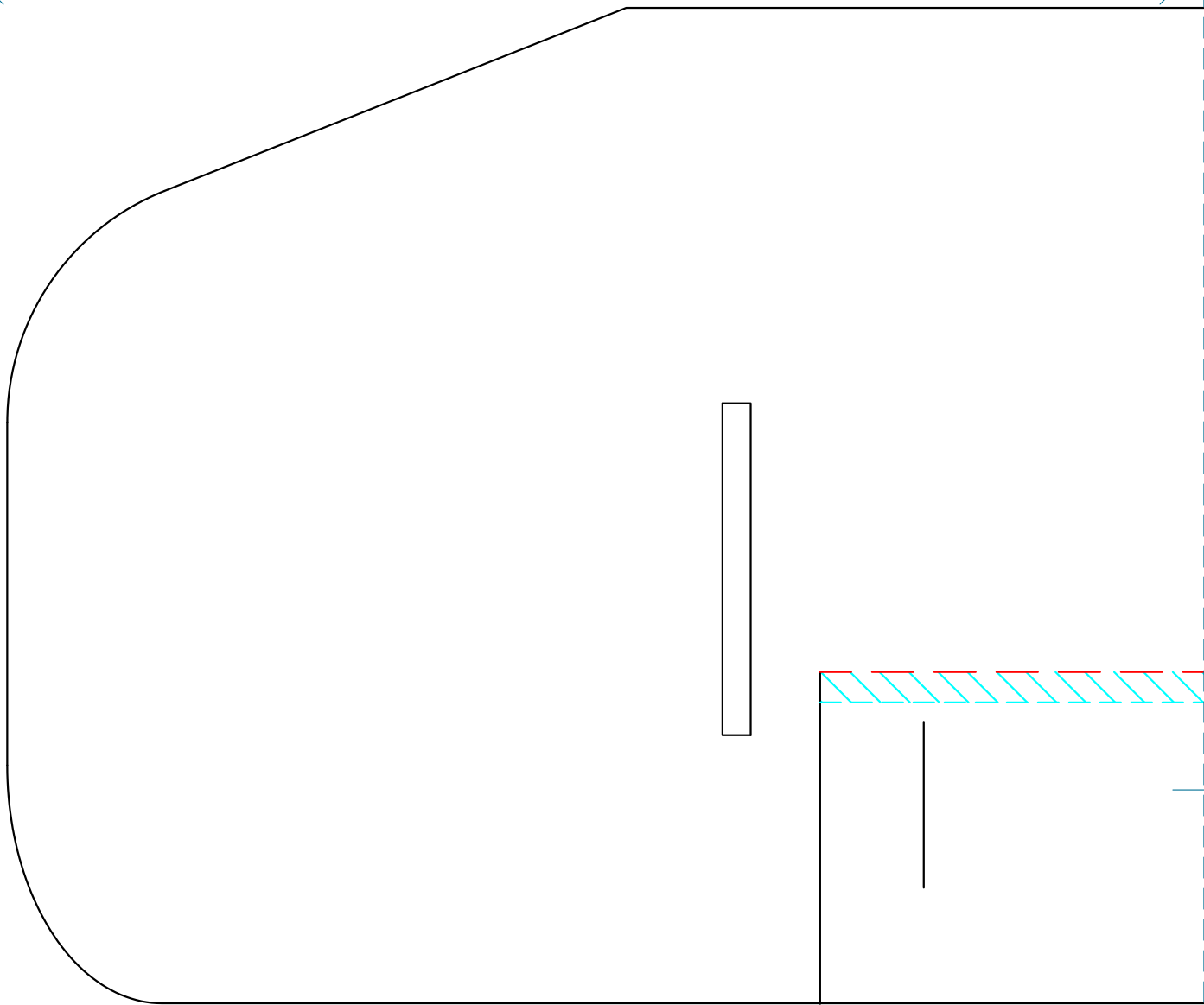
45° SINGLE BEVEL

17 VERTICAL STABILIZER - RIGHT

1 FOAM BOARD
FT SEA DUCK - v.1.0





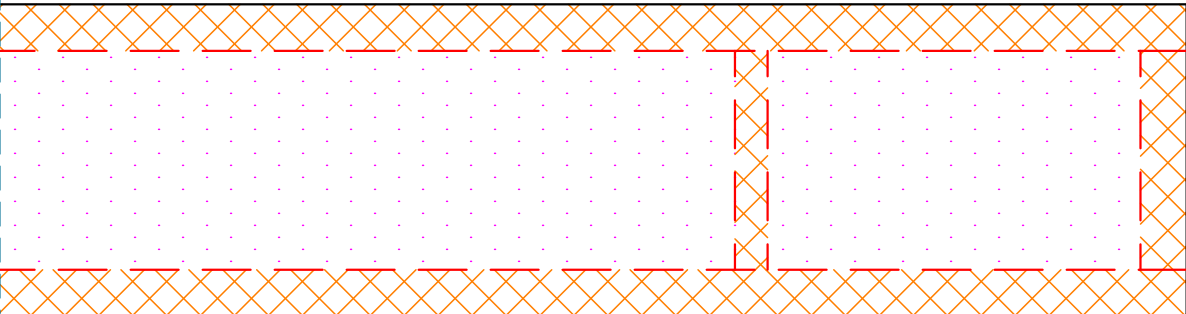


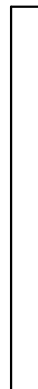
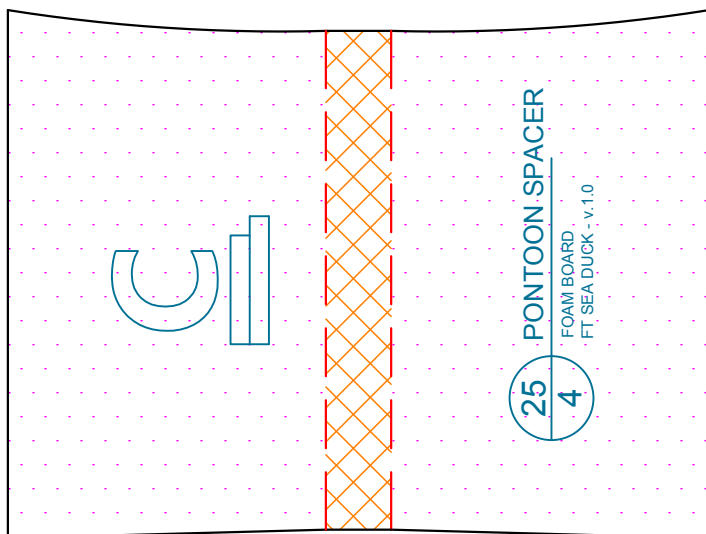
16
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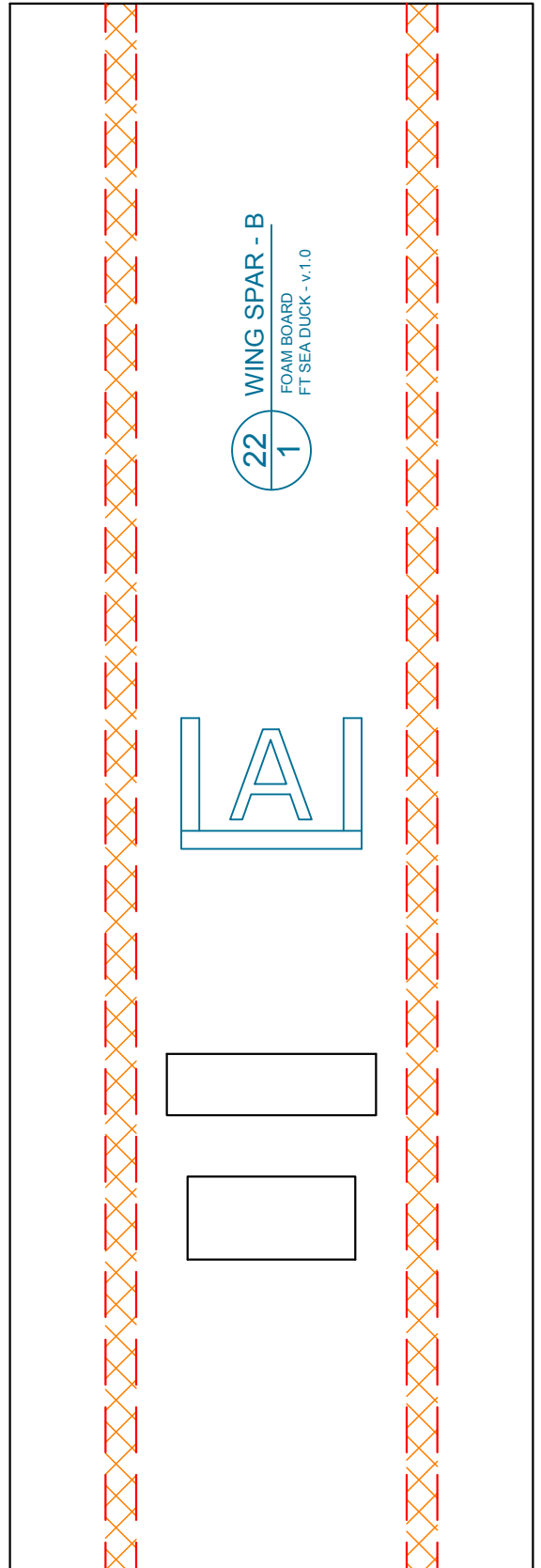
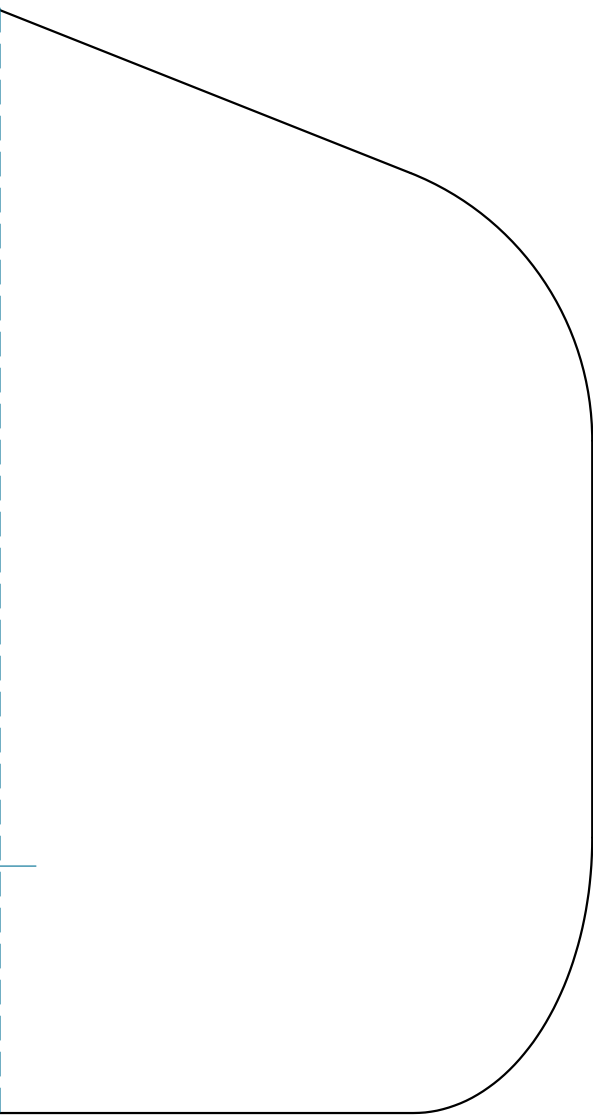
HORIZONTAL STABILIZER

FOAM BOARD
FT SEA DUCK - v.1.0

45° SINGLE BEVEL









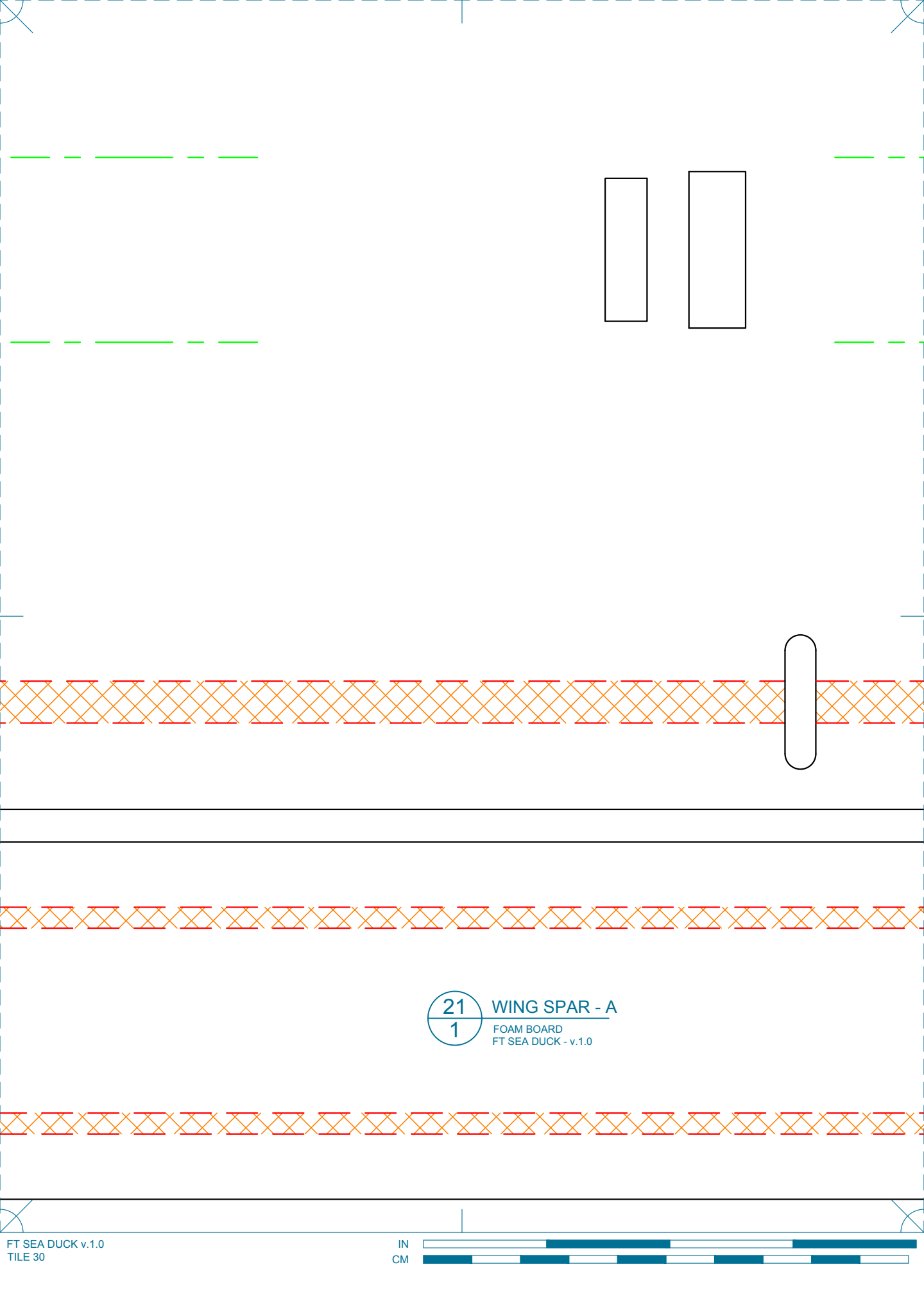




45° DOUBLE BEVEL







21
1

WING SPAR - A

FOAM BOARD
FT SEA DUCK - v.1.0

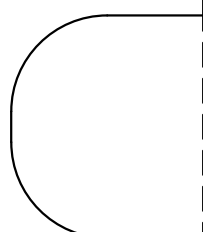
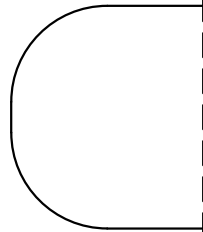
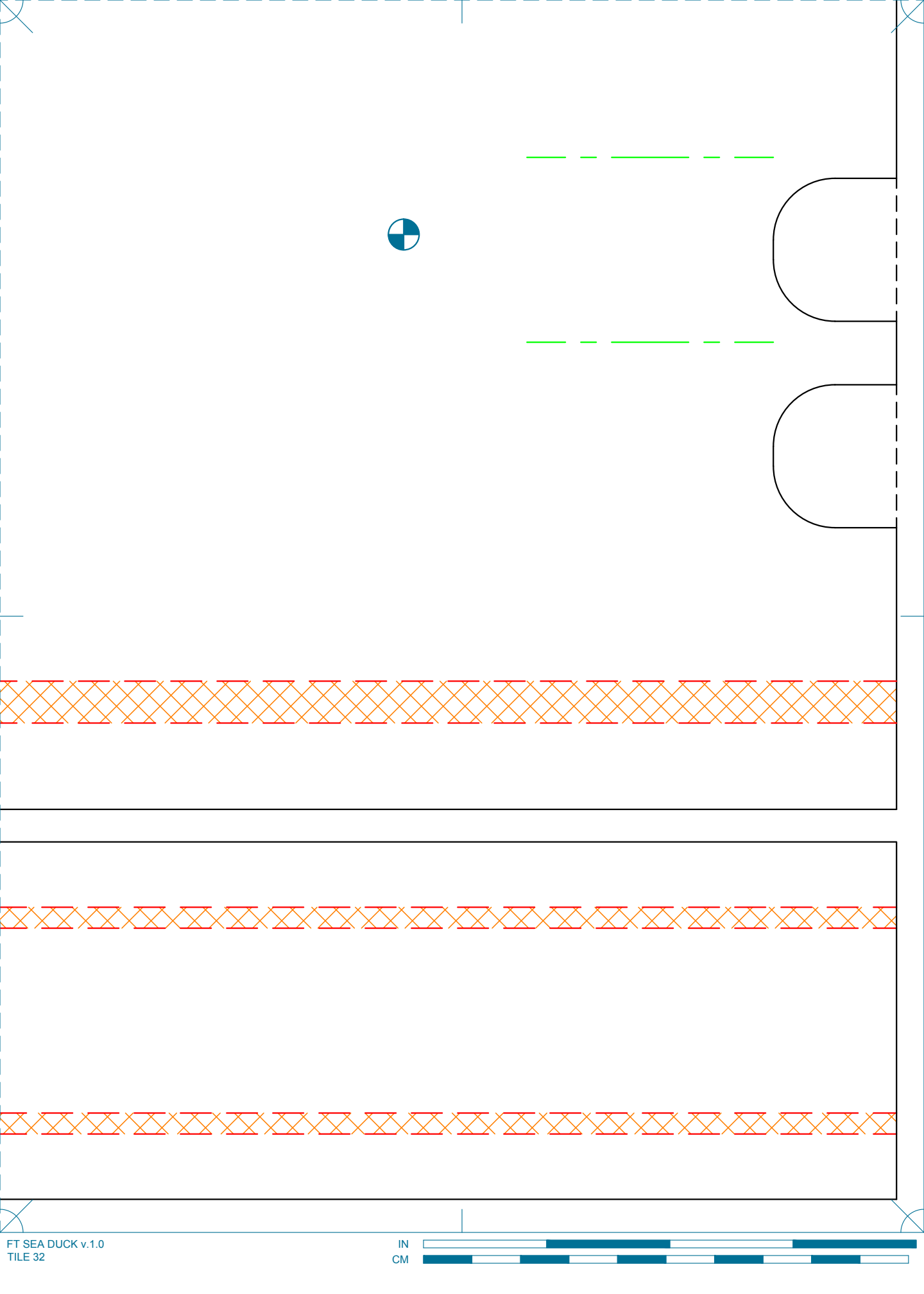


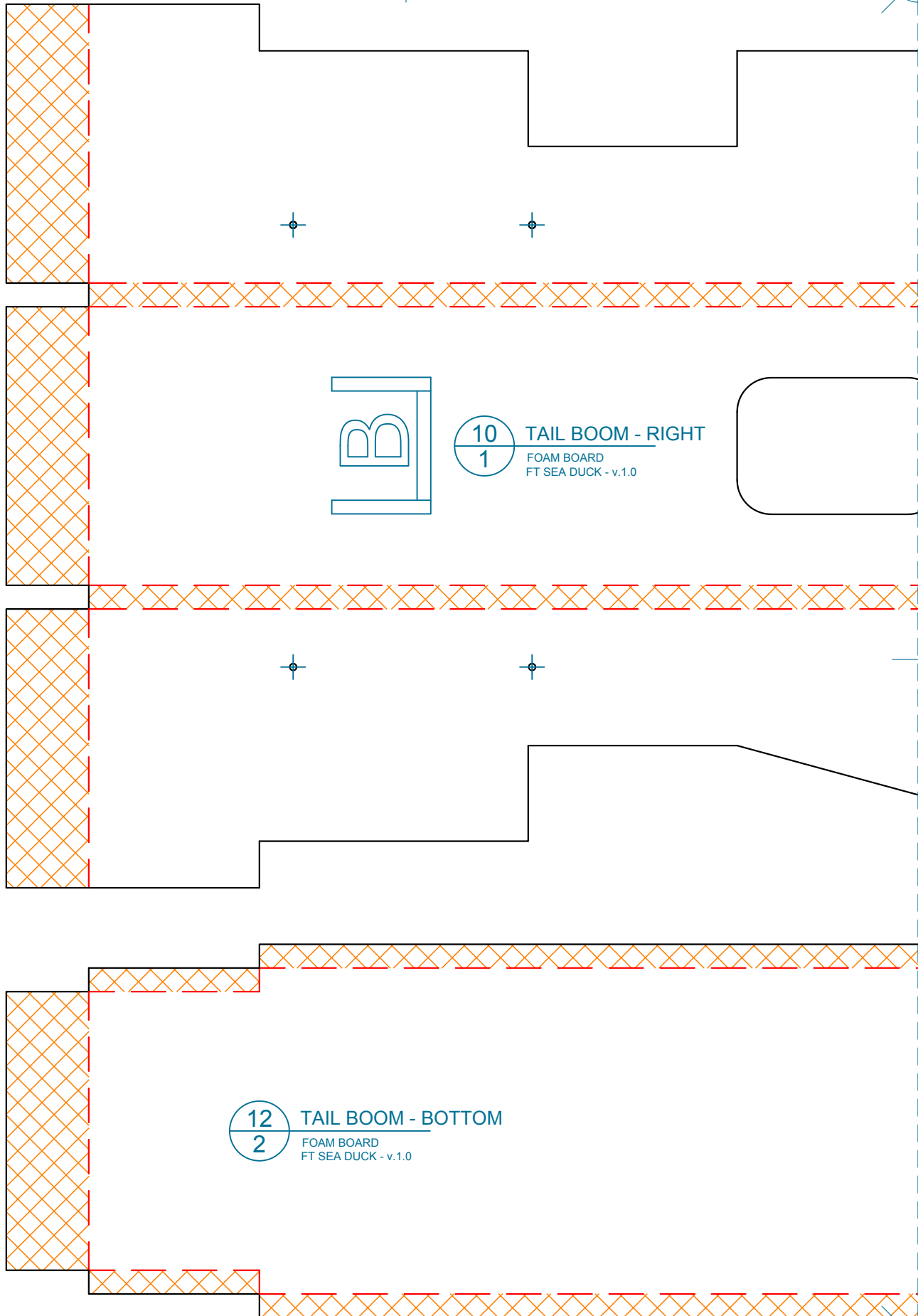
20
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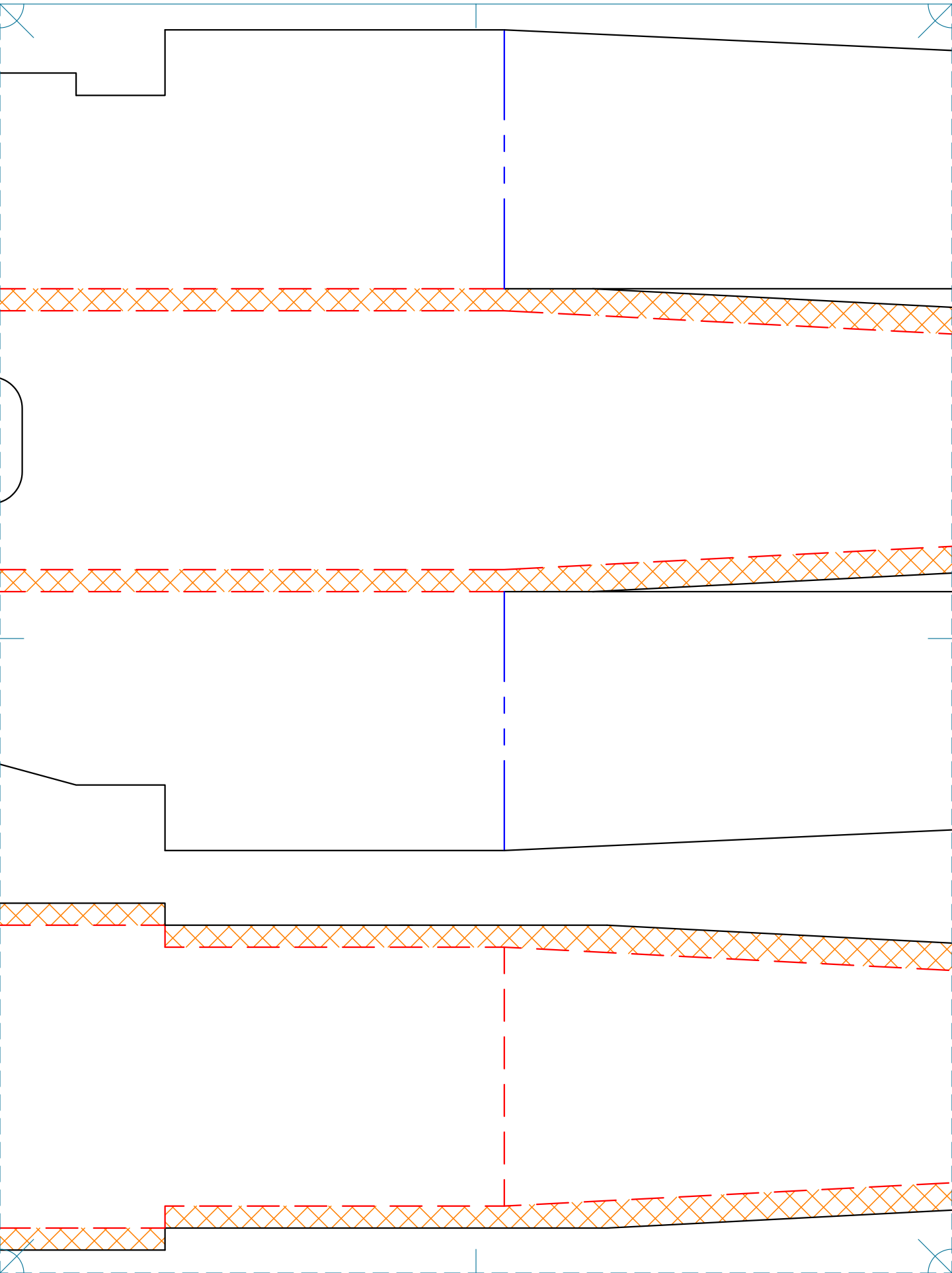
WING - LEFT

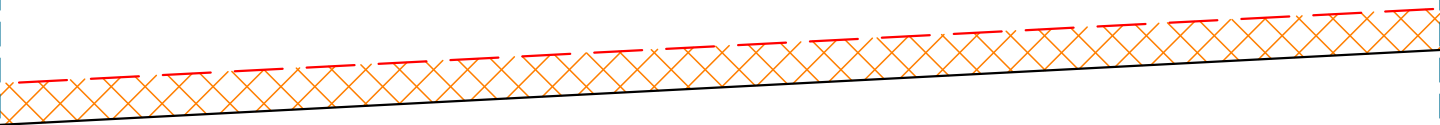
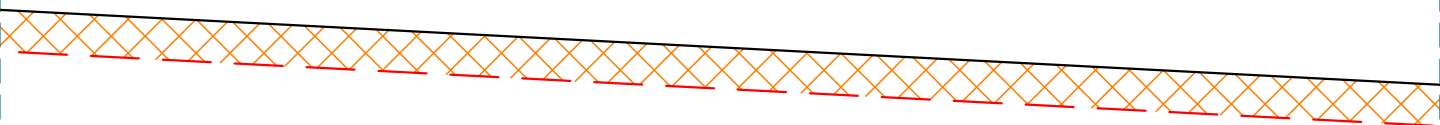
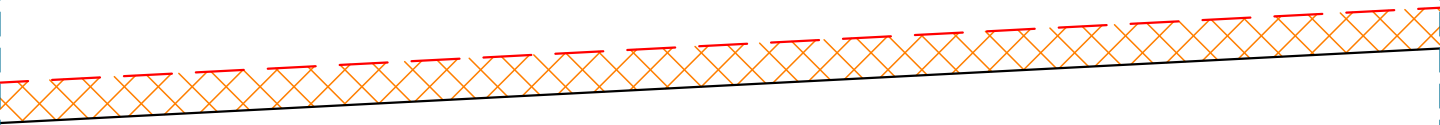
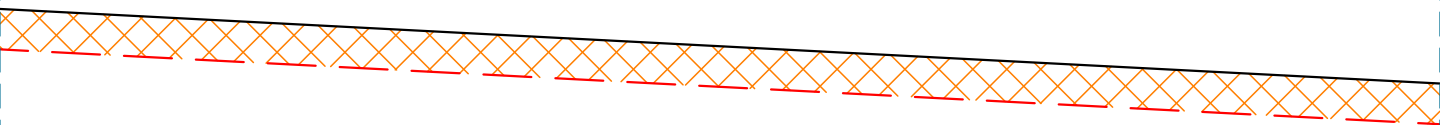
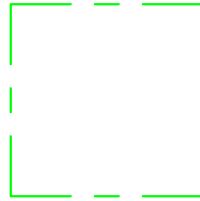
FOAM BOARD
FT SEA DUCK - v.1.0

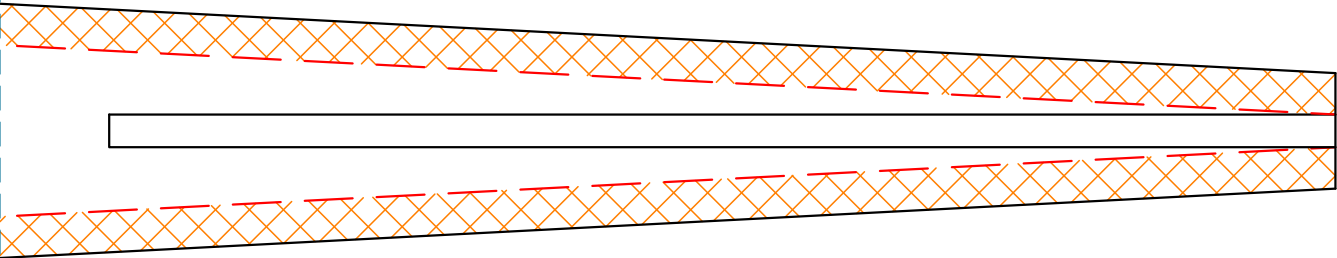
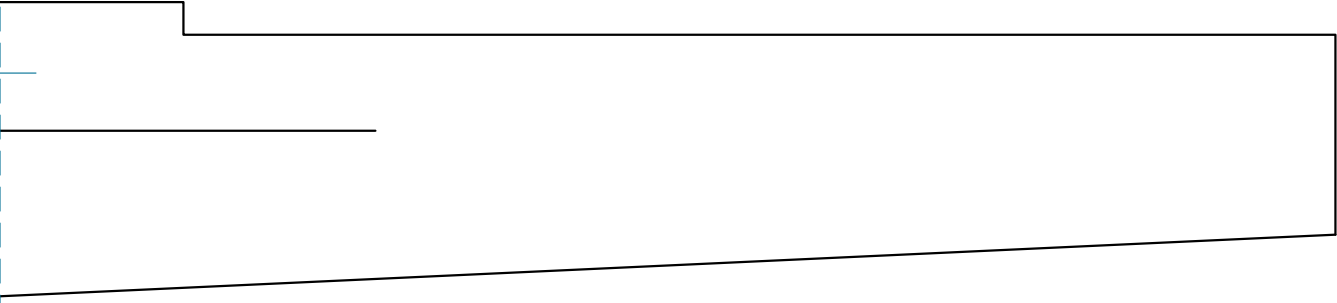
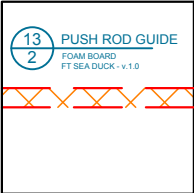
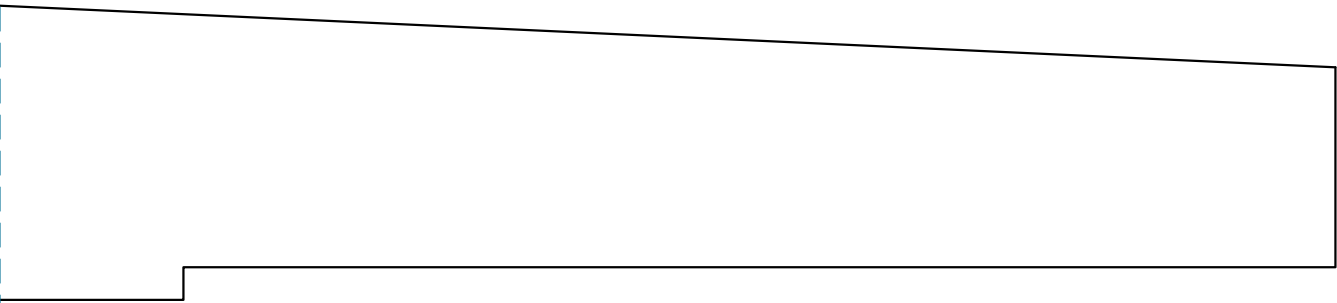












05 FUSELAGE DOUBLER - LOWER

FOAM BOARD
FT SEA DUCK - v.1.0

1

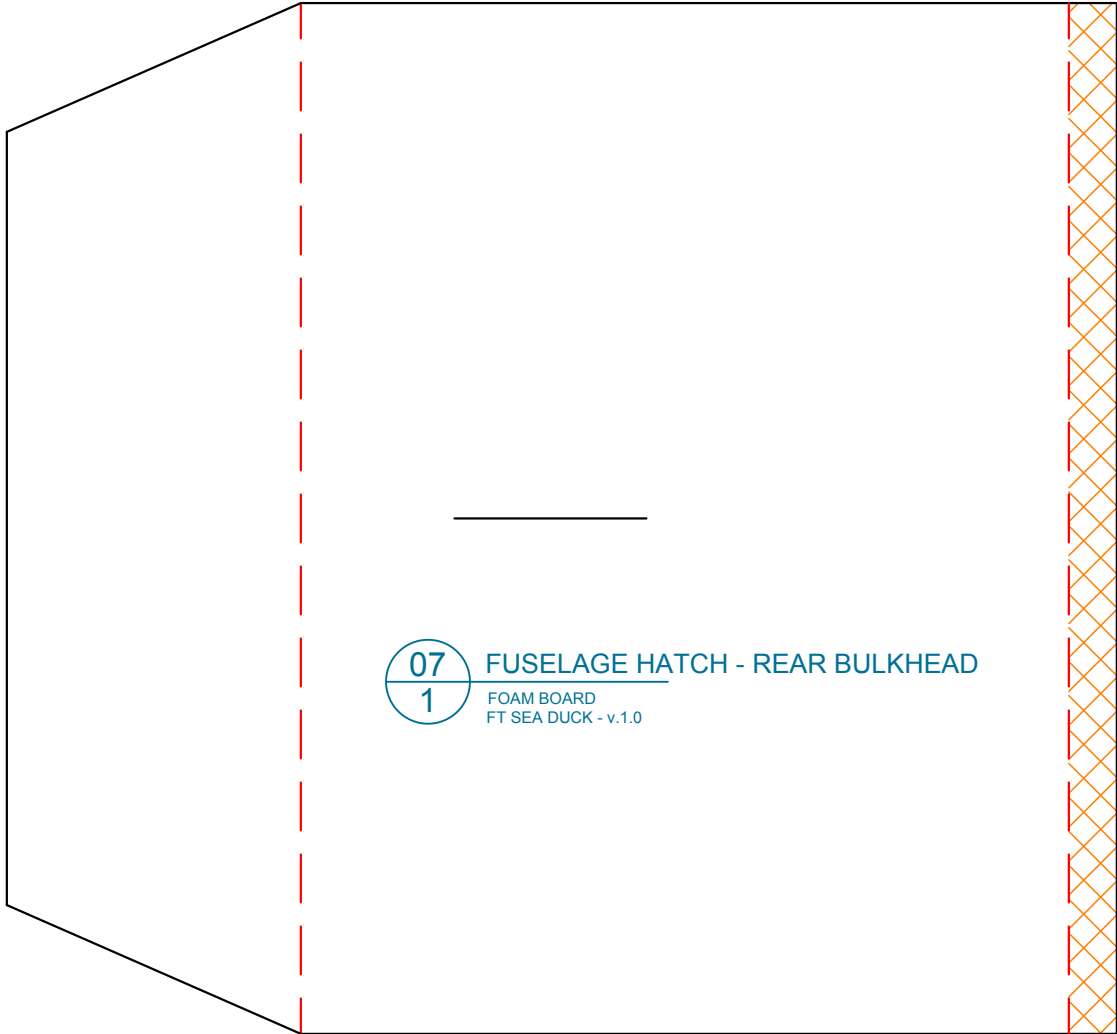


06
1

FUSELAGE SHEETING - STEP

FOAM BOARD
FT SEA DUCK - v.1.0

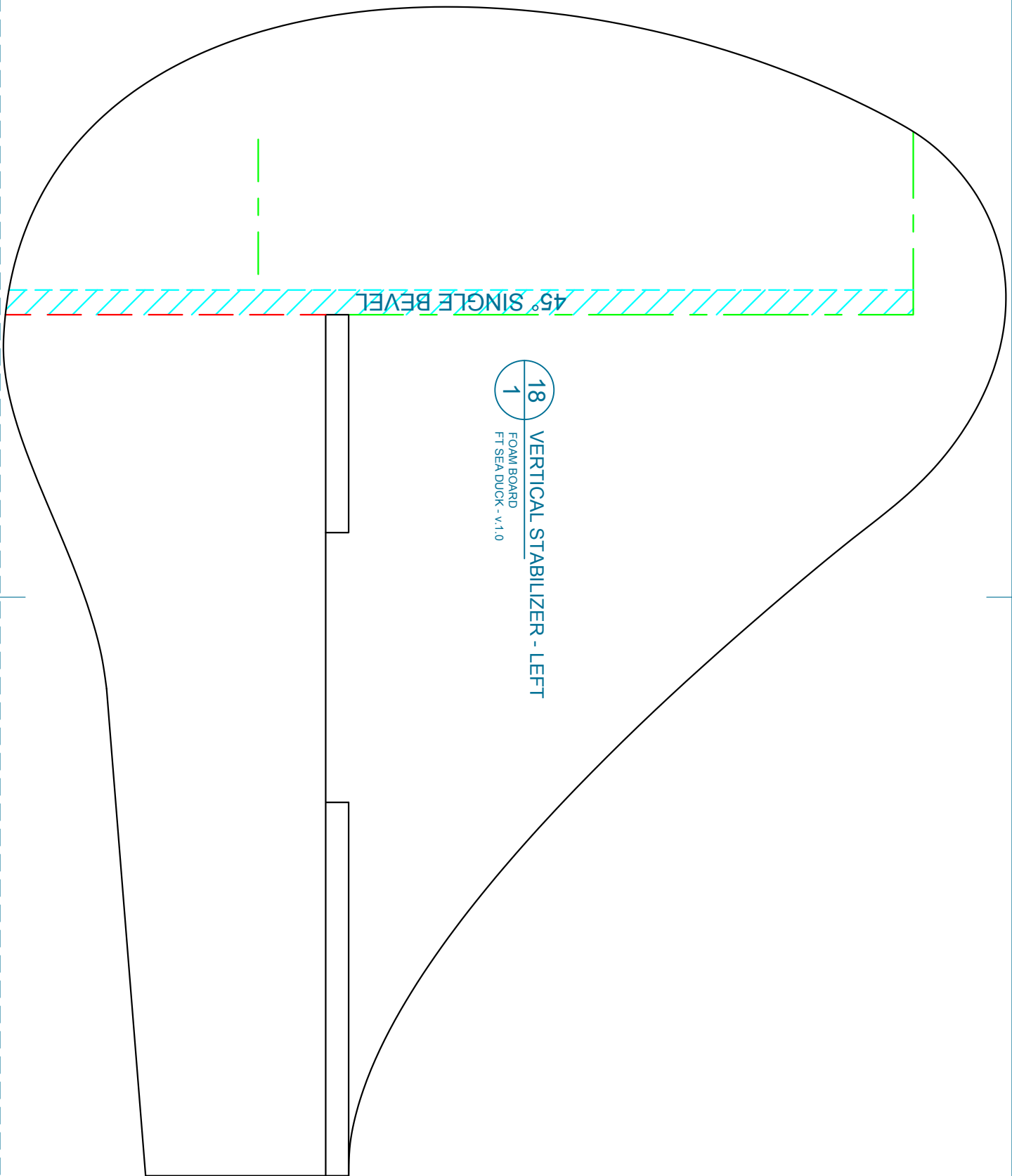




FUSELAGE HATCH - REAR BULKHEAD

FOAM BOARD
FT SEA DUCK - v.1.0





45° SINGLE BEVEL

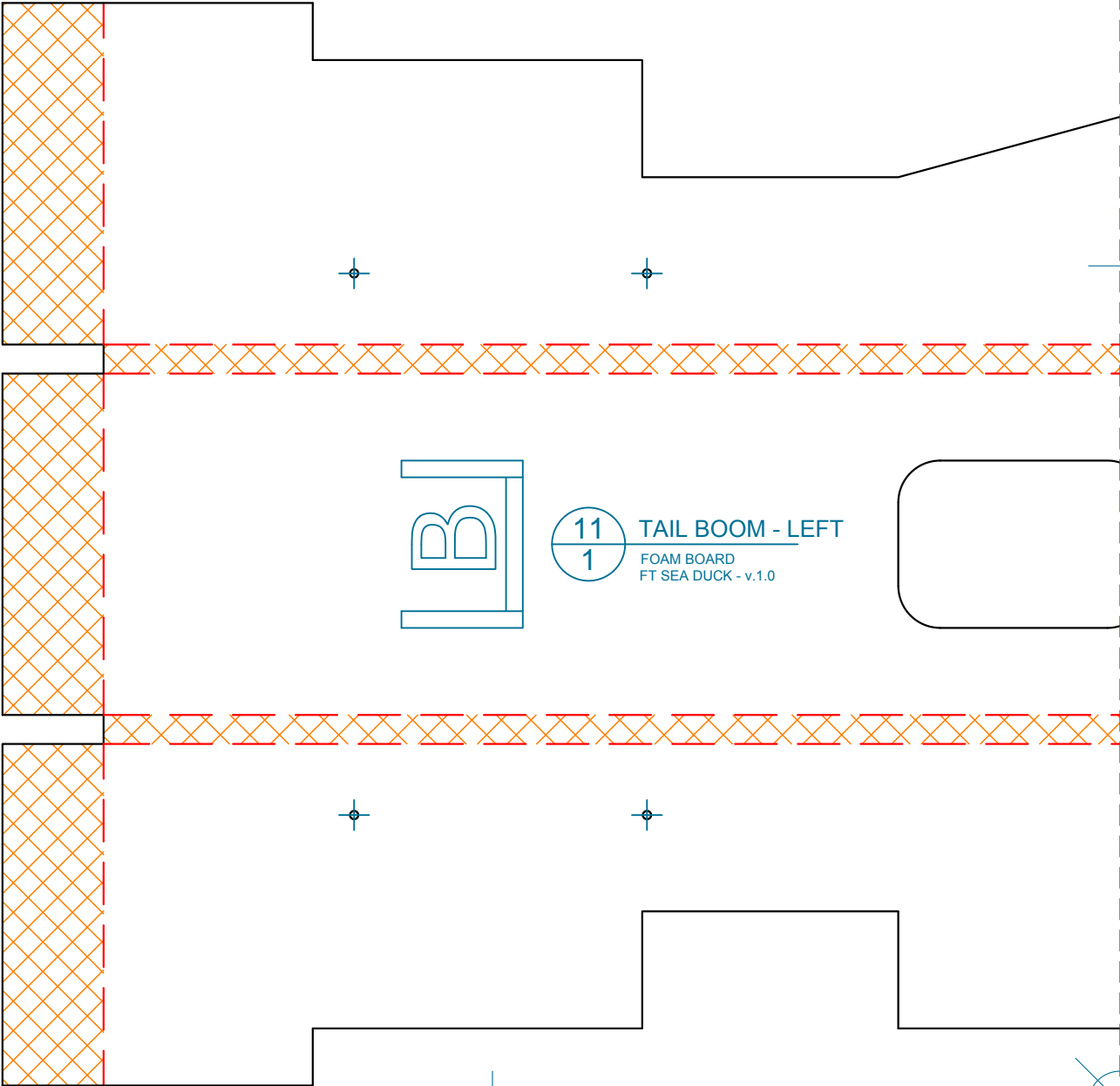
18
1

VERTICAL STABILIZER - LEFT
FOAM BOARD
FT SEA DUCK - v.1.0



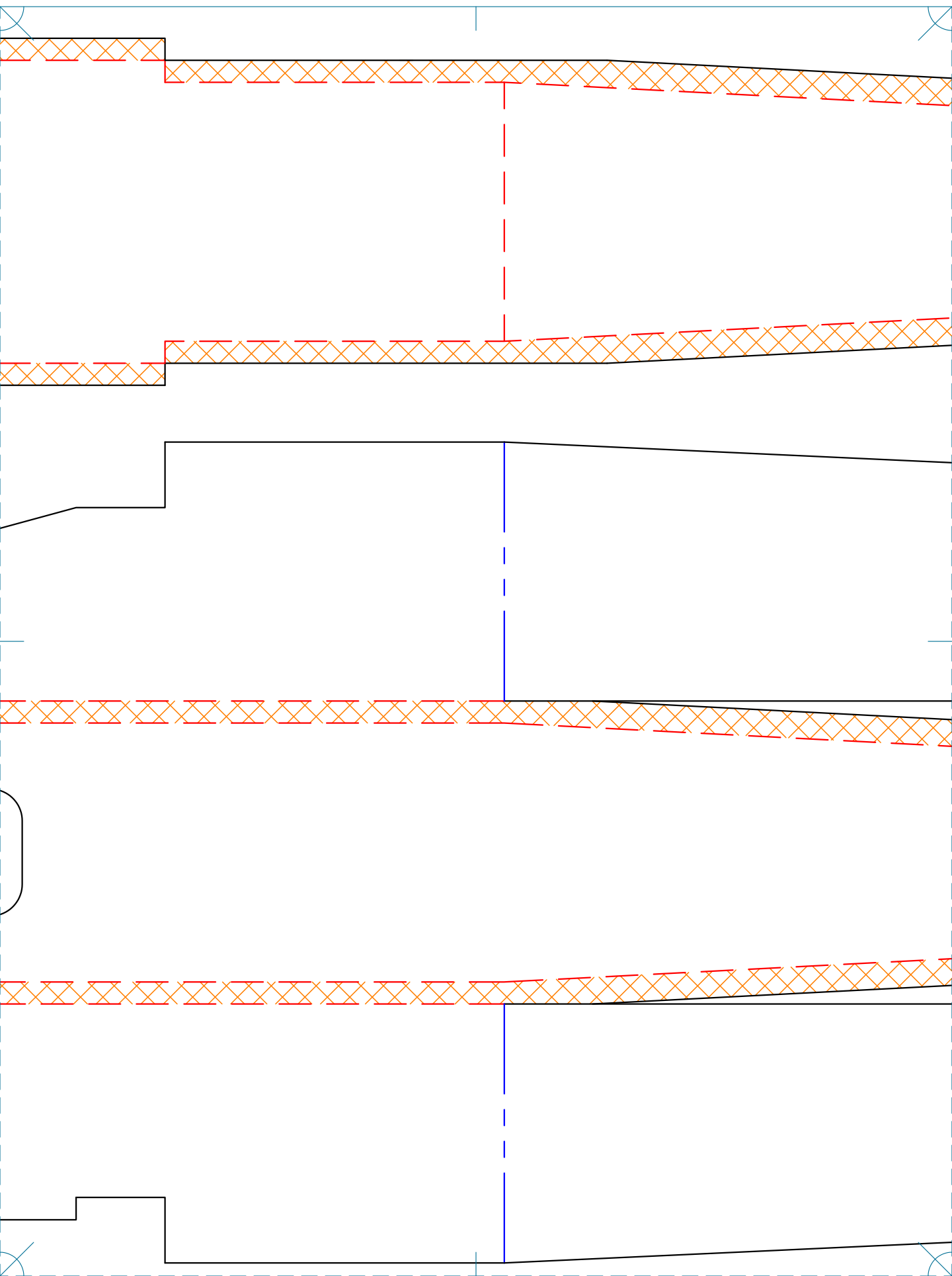
12
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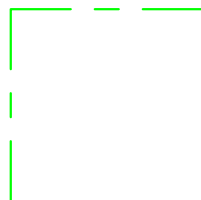
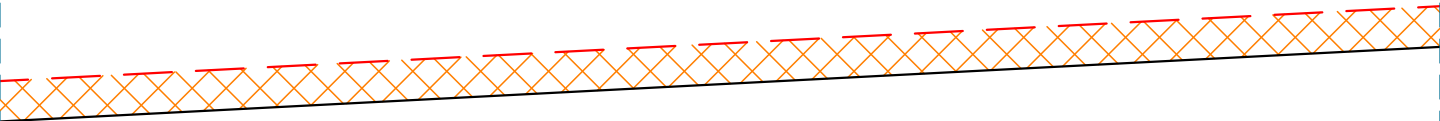
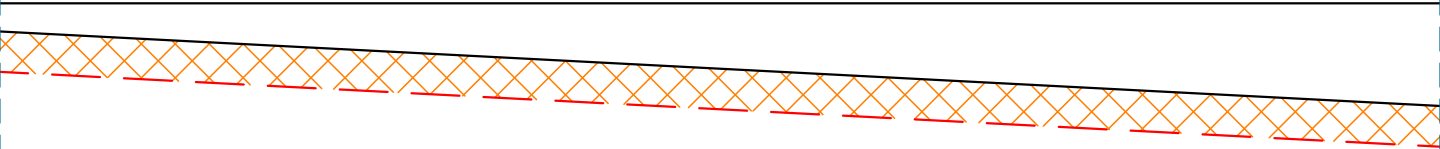
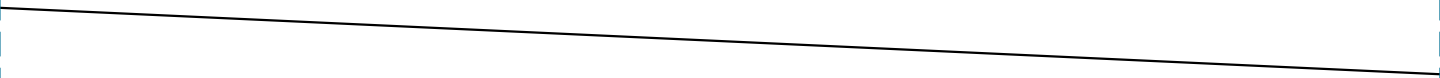
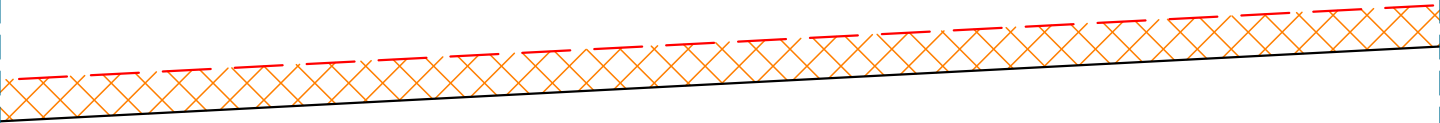
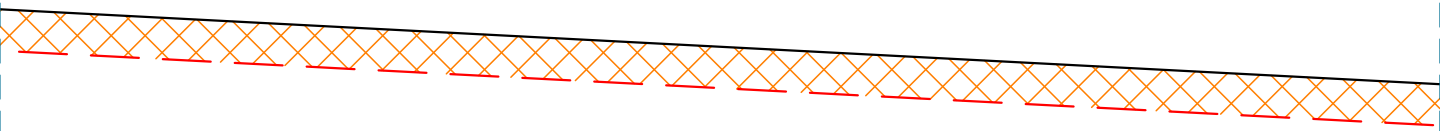
TAIL BOOM - BOTTOM
FOAM BOARD
FT SEA DUCK - v.1.0

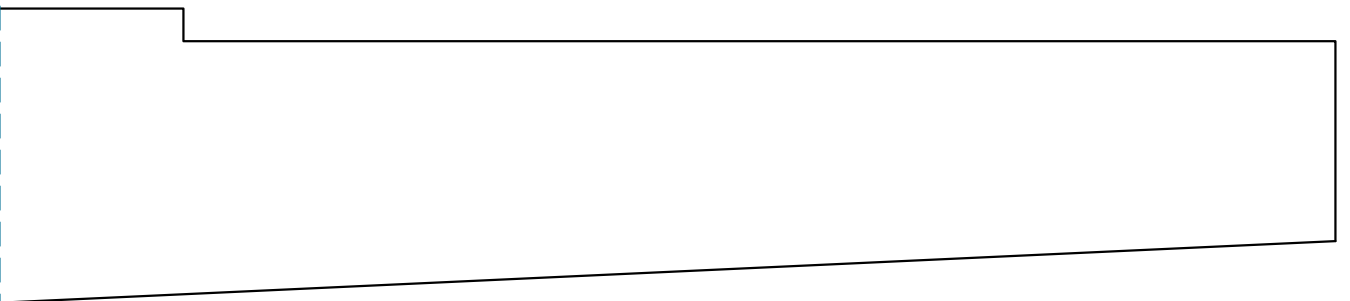
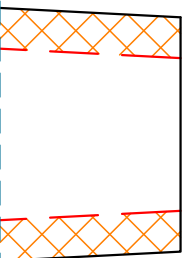
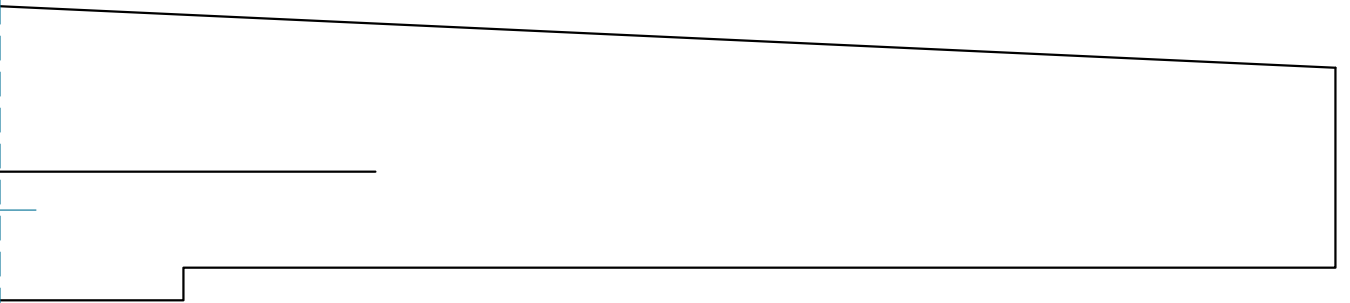
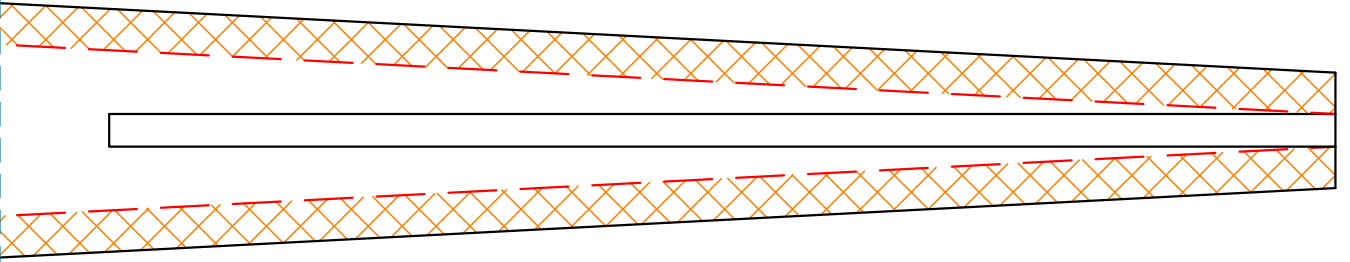


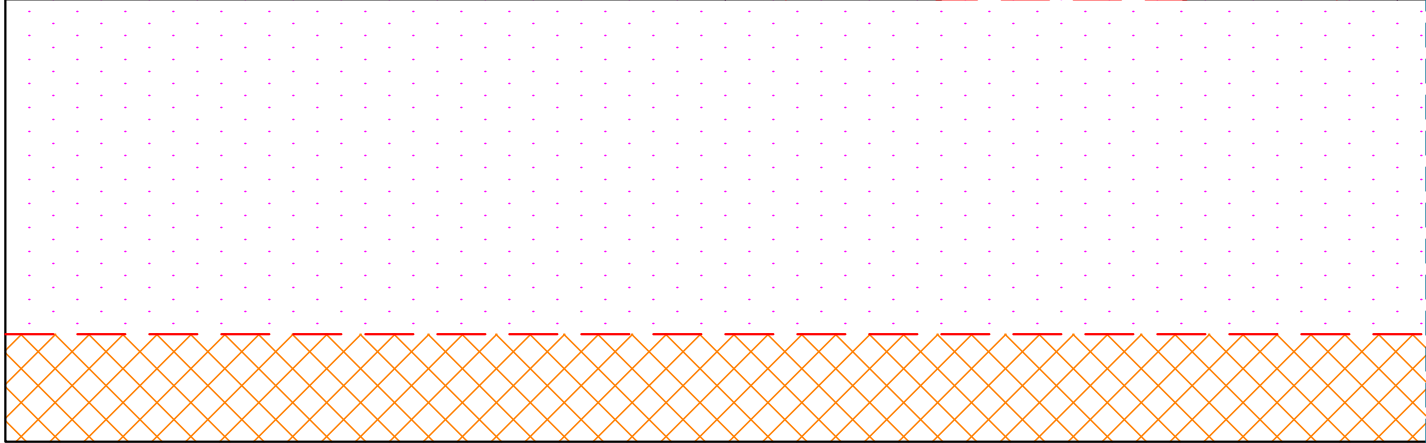
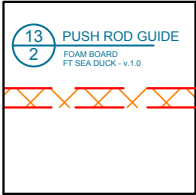
11
1

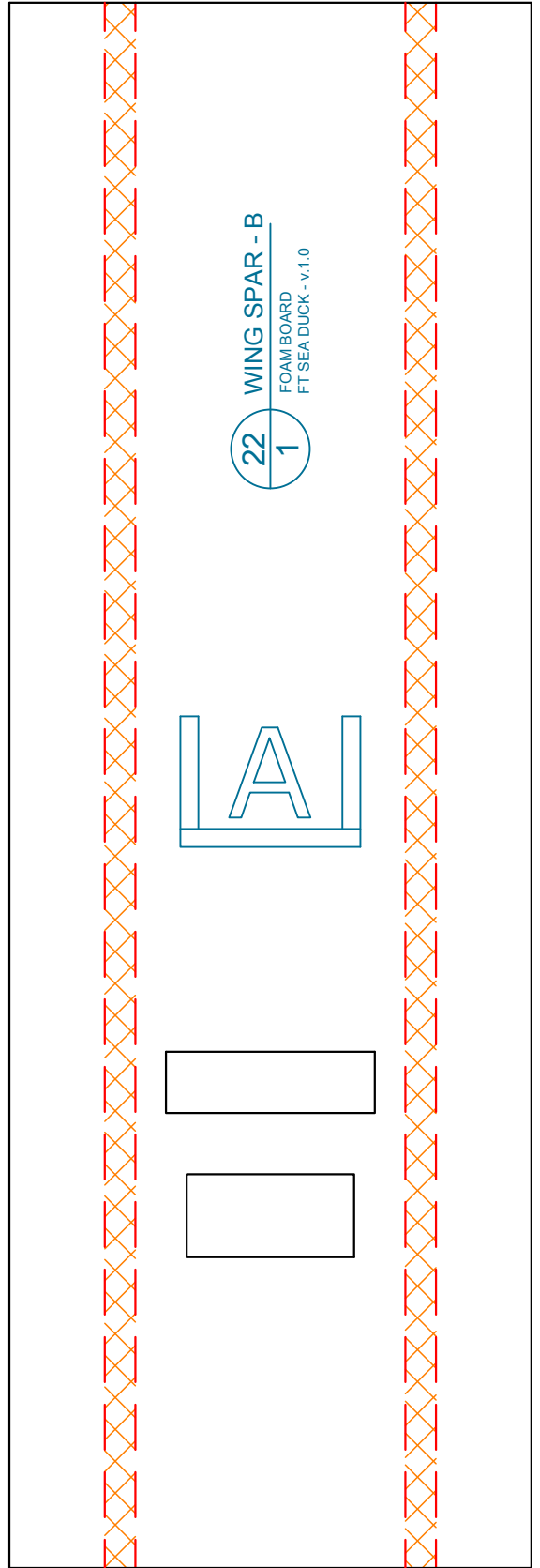
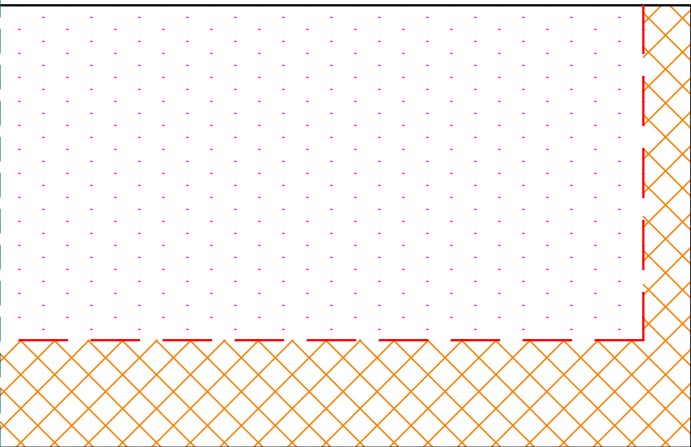
TAIL BOOM - LEFT
FOAM BOARD
FT SEA DUCK - v.1.0

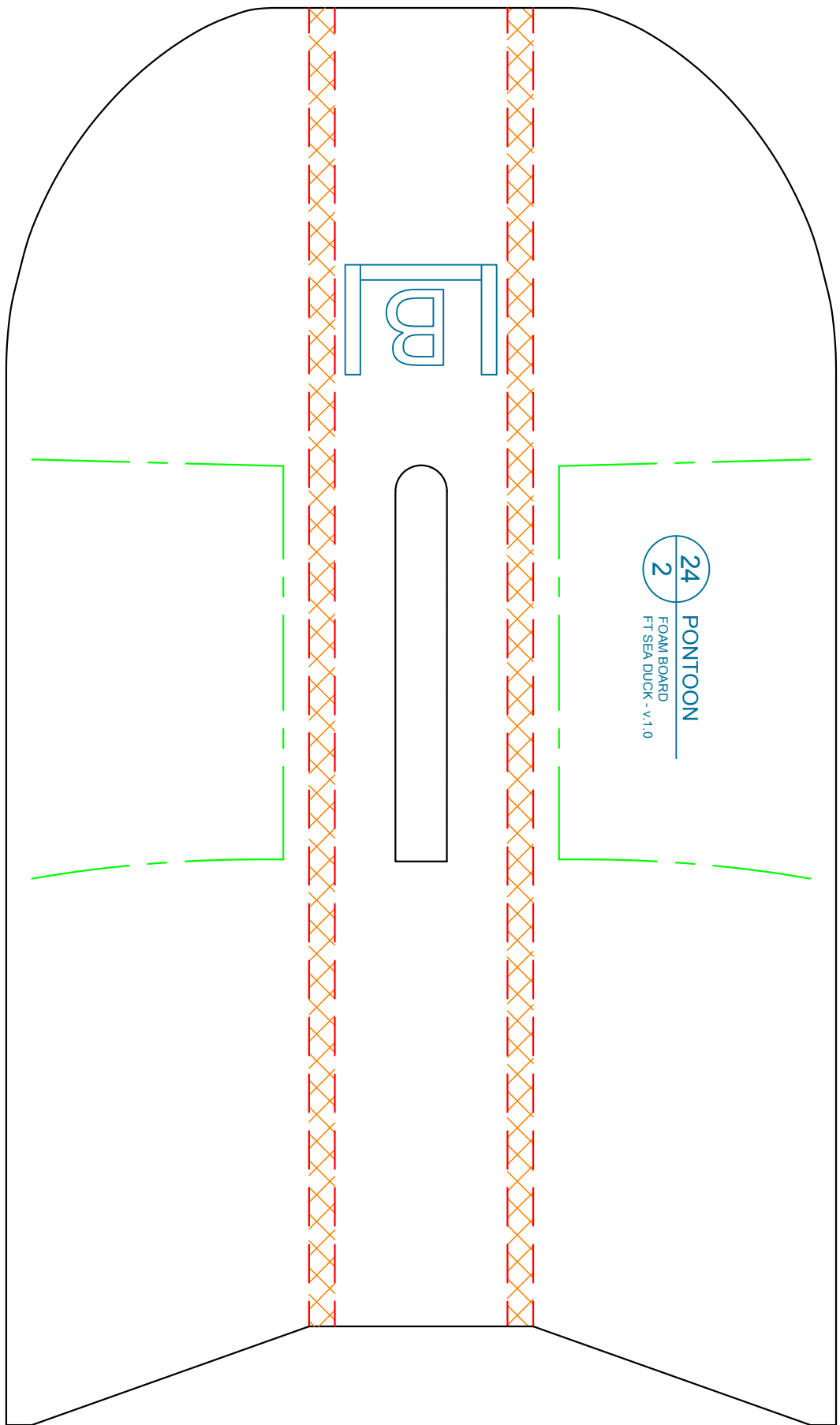












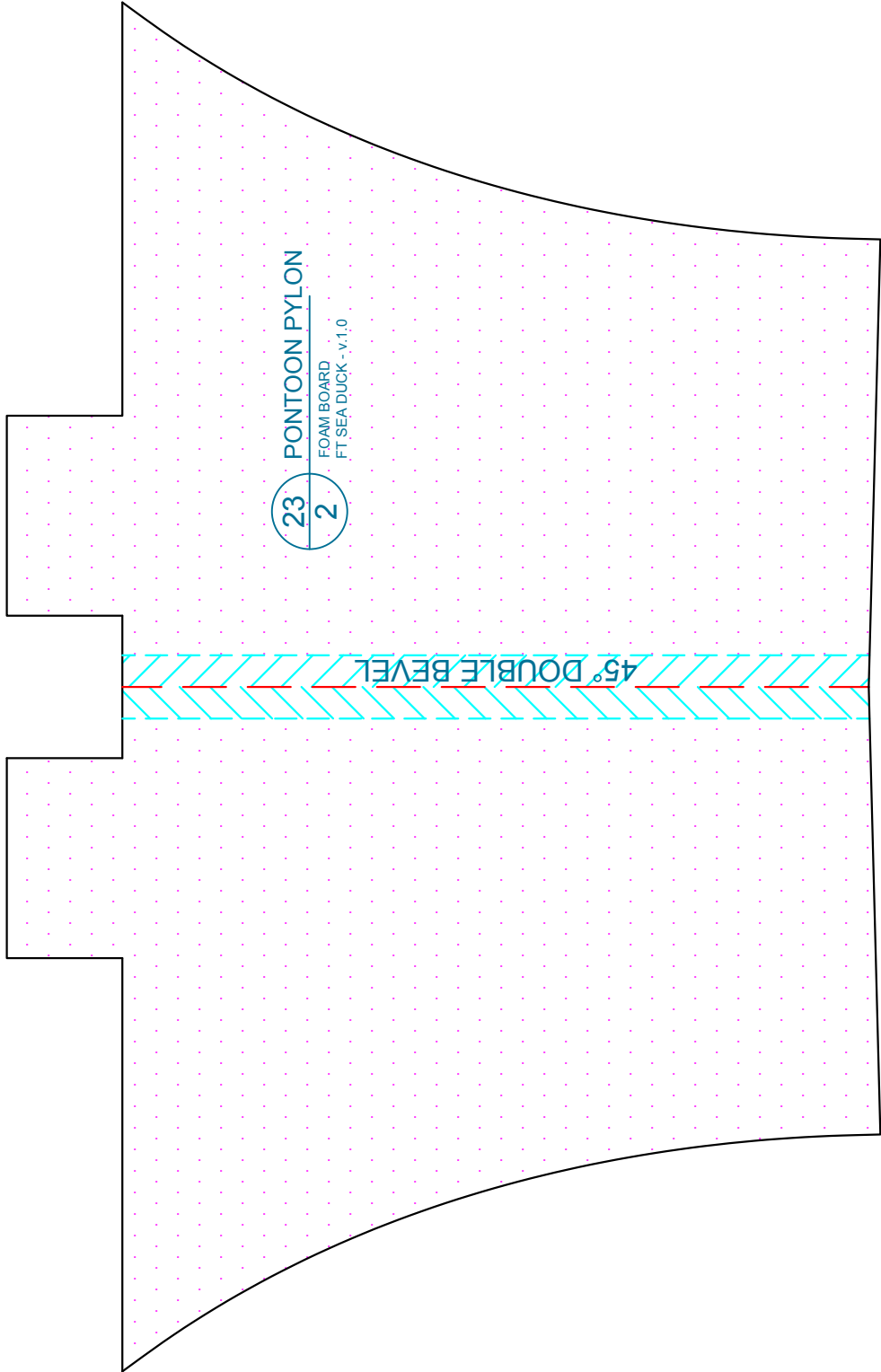
24
2

PONTON
FOAM BOARD
FT SEA DUCK - v.1.0

LB

IN
CM

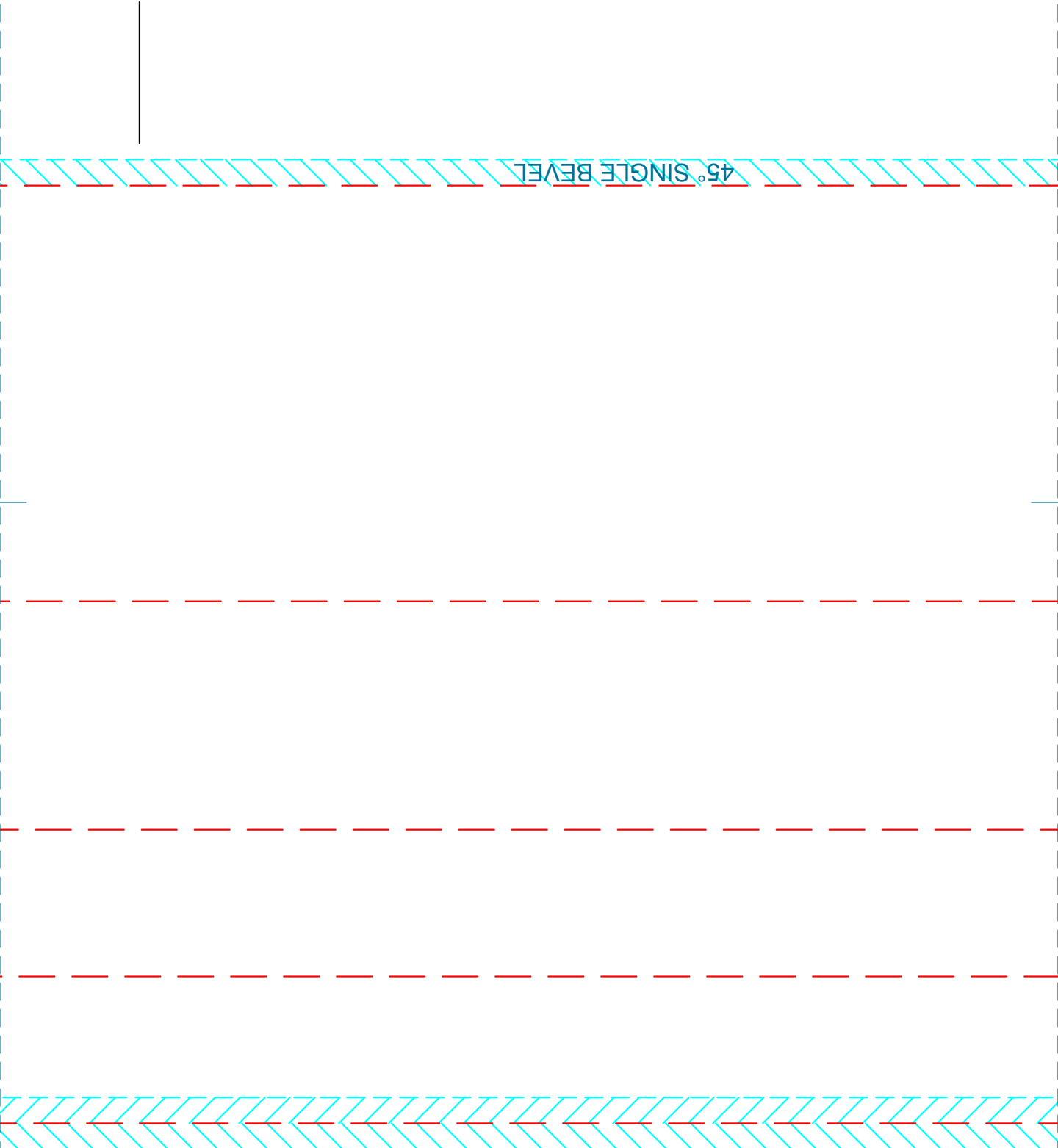


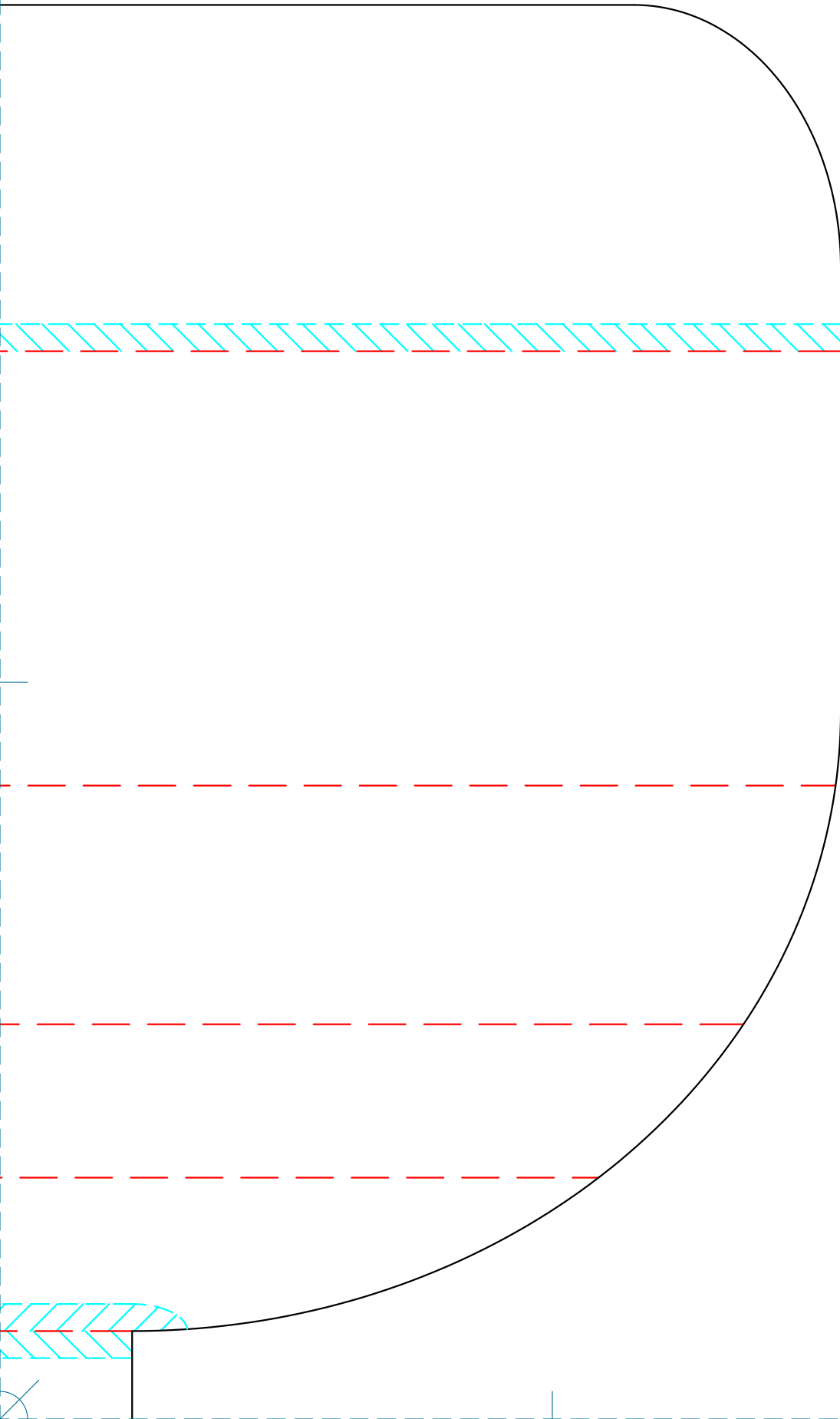


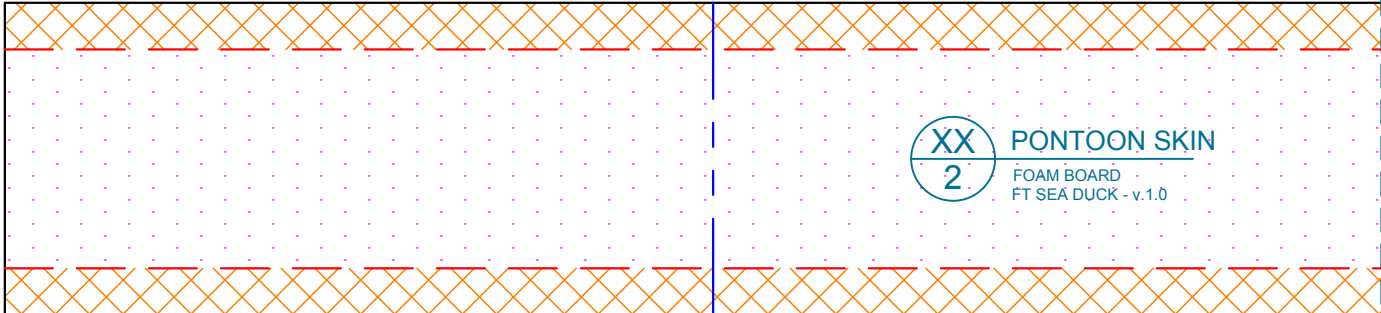
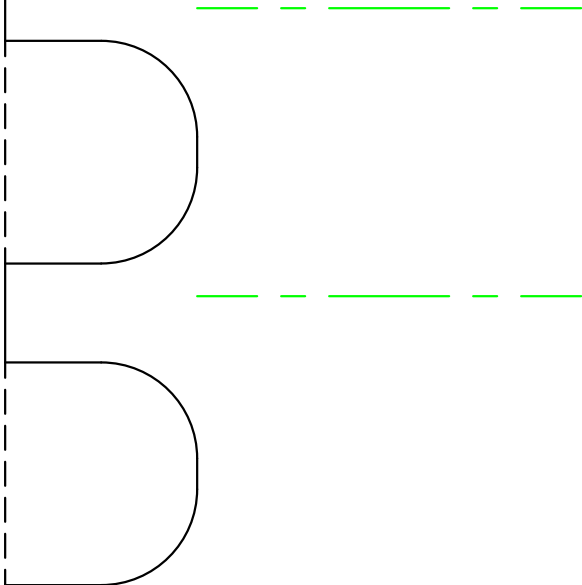




45° DOUBLE BEVEL





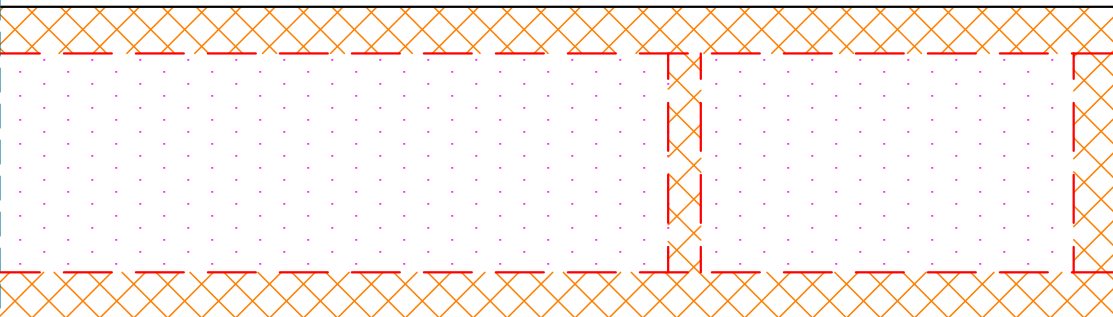
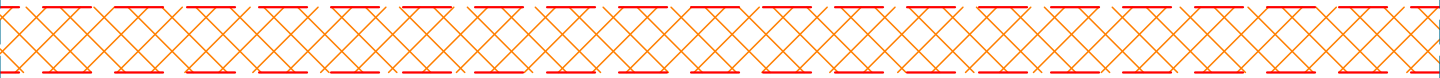


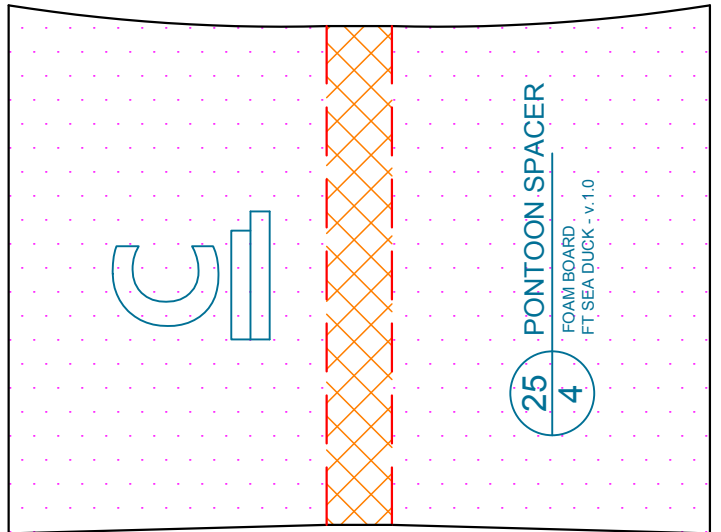
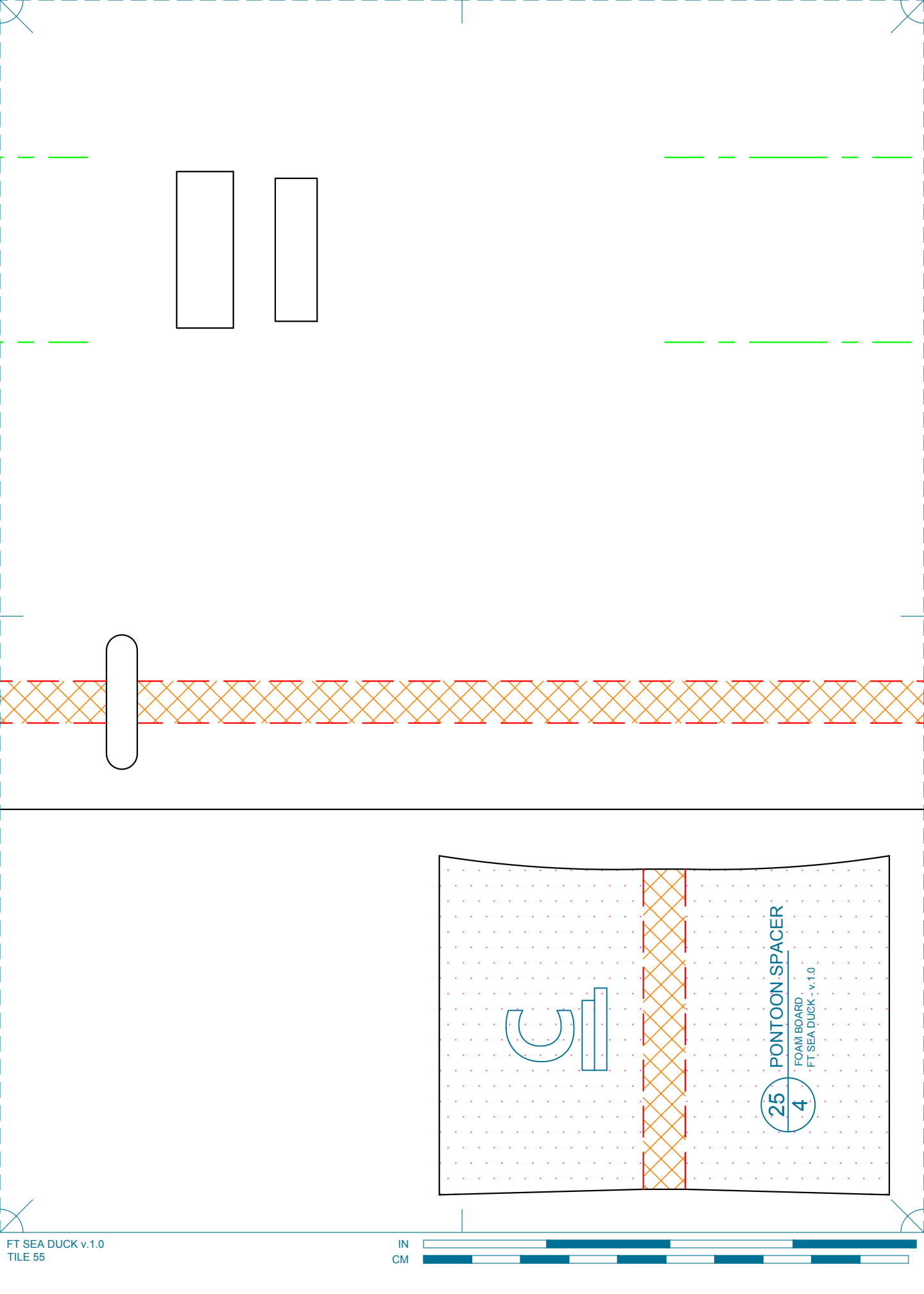
PONTOON SKIN
FOAM BOARD
FT SEA DUCK - v.1.0

19
1

WING - RIGHT

FOAM BOARD
FT SEA DUCK - v.1.0





25

FOAM BOARD
FT SEA DUCK - v.1.0

4

PONTON SPACER



