



FT SPORTSTER

Designed By: Josh Bixler
Drawing By: Dan Sponholz



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SPECIFICATIONS

DESCRIPTION		IMPERIAL	METRIC
LENGTH		?? in	?? mm
CENTER OF GRAVITY	CG	2.5 in	63 mm
WING SPAN		39 in	990 mm
WING AREA		380 in ²	24.5 dm ²
DRY WEIGHT		15.2 oz	430 g
ALL UP WEIGHT	AUW	21.9 oz	620 g
WING LOADING	WL	8.3 oz/ft ²	25.3 g/dm ²
WING CUBIC LOADING	WCL	5.1	

RECOMMENDED SETTINGS

	THROW	EXPO
AILERON	12-16°	30%
ELEVATOR	12-16°	30%
RUDDER	12-16°	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




A - FOLD (ABOVE)







B




B - FOLD (BESIDE)






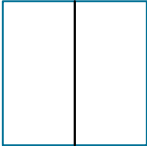
C




C - FOLD (COVER)

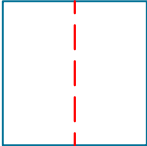


LINE TYPE/COLOR




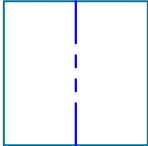
CUT






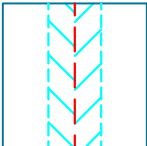
50% SCORE






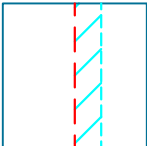
CREASE






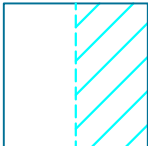
45° DOUBLE BEVEL






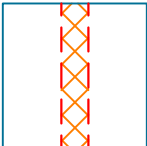
45° SINGLE BEVEL






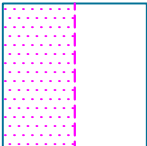
EDGE BEVEL






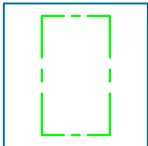
CAVITY






REMOVE PAPER






REFERENCE/OPTIONAL



SYMBOLS




PART NUMBER

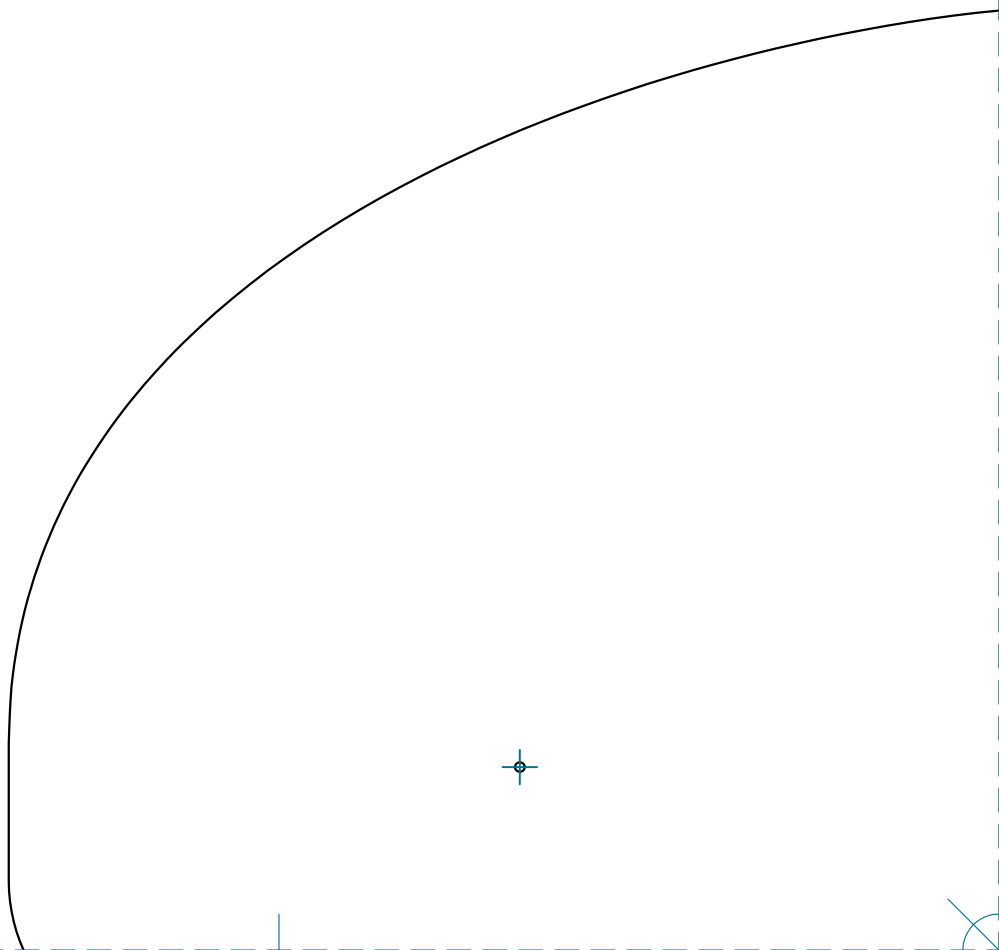
NAME

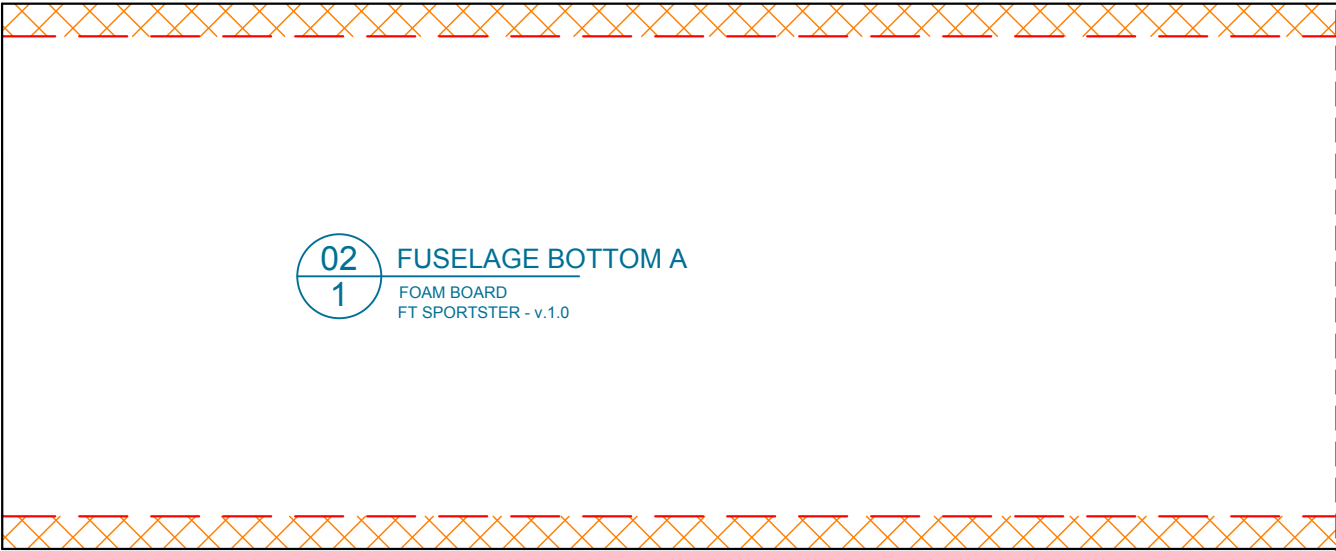
MATERIAL
MODEL - VERSION

QUANTITY



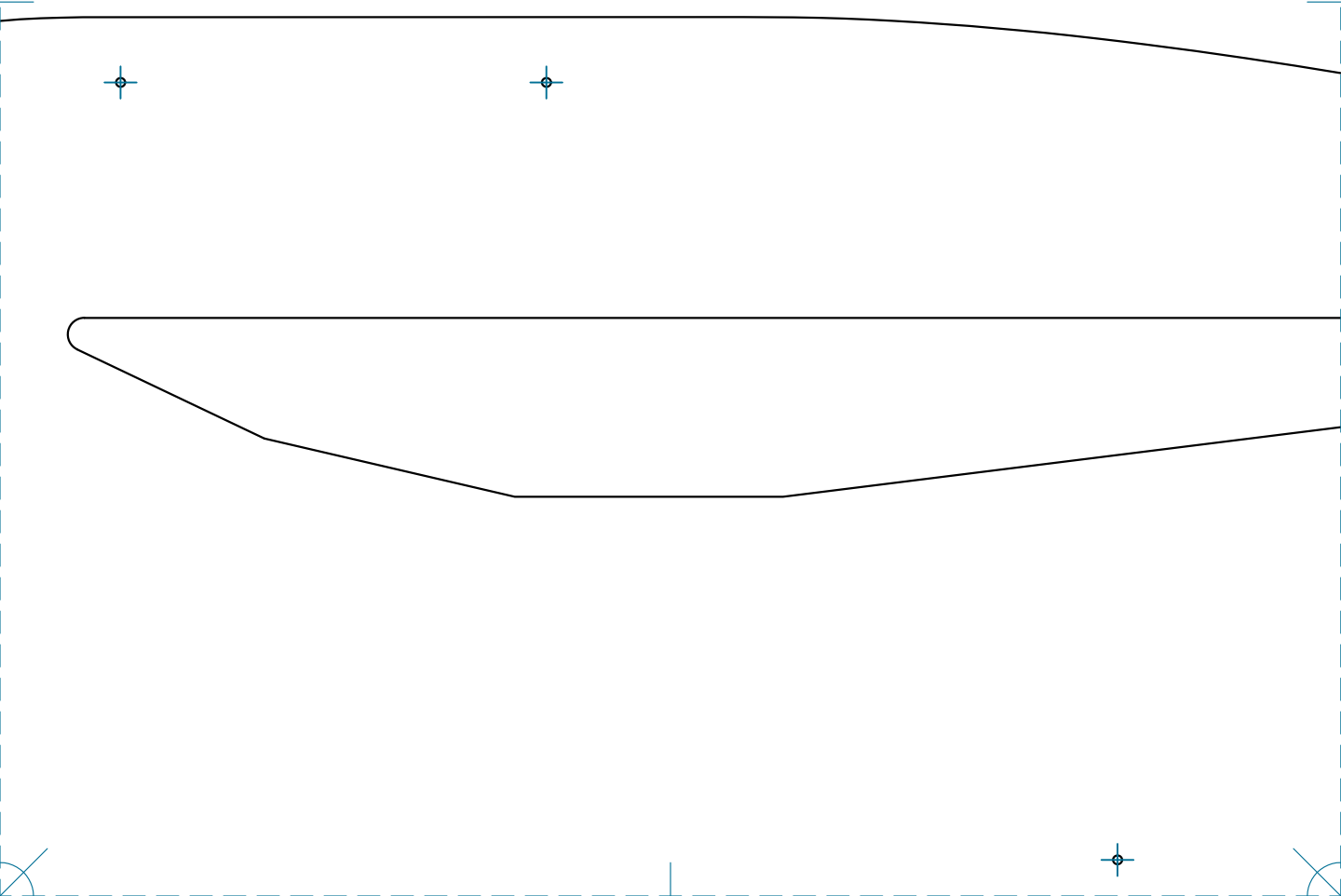
MIRRORED PART

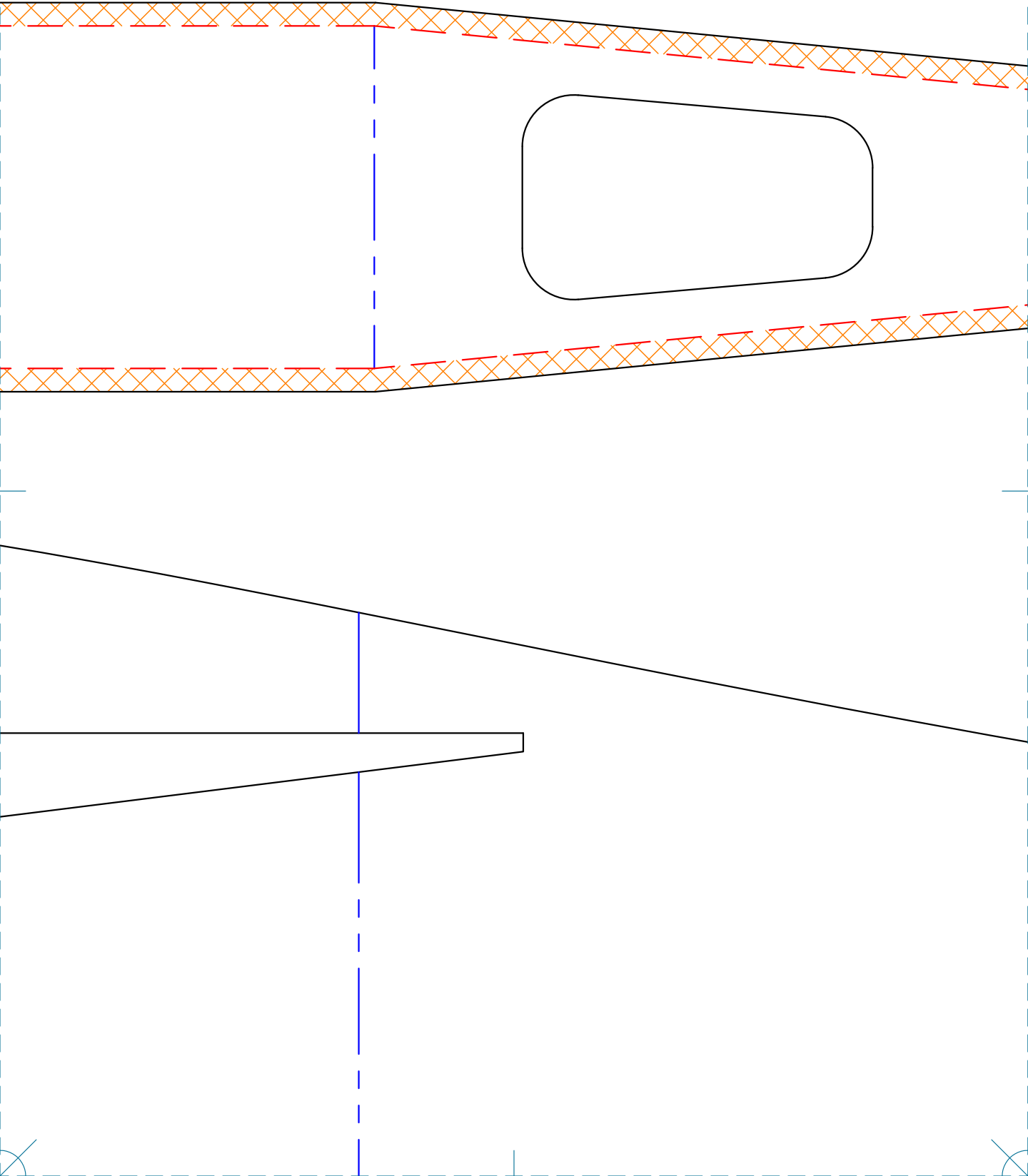


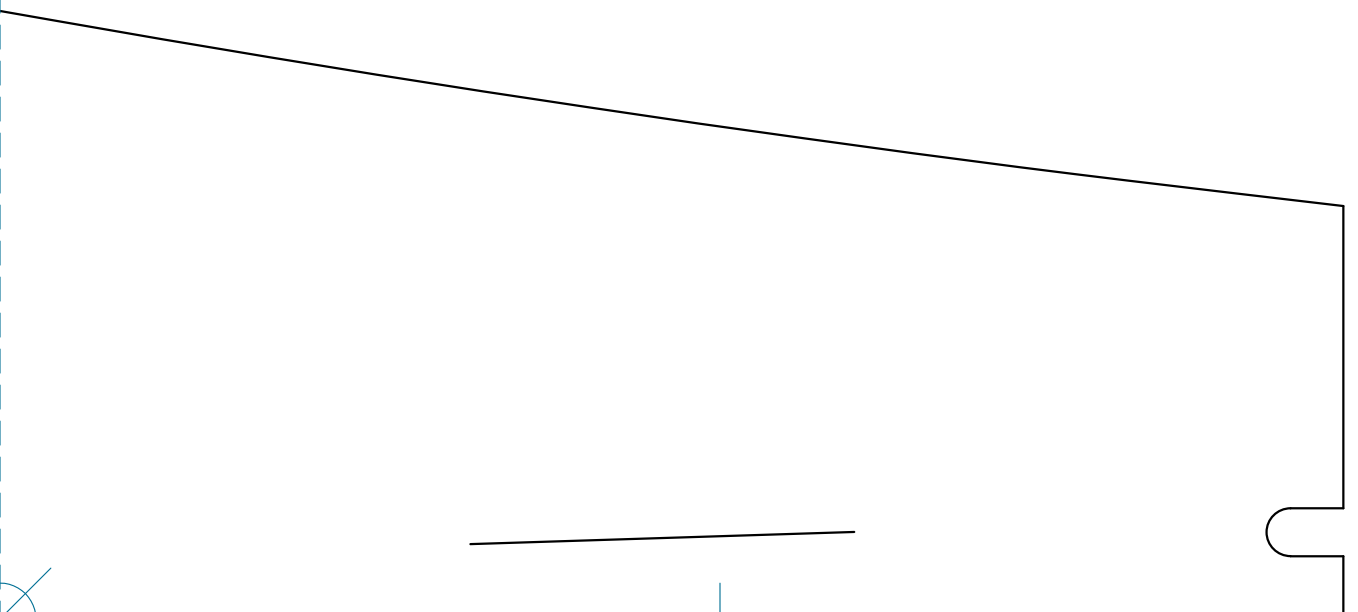
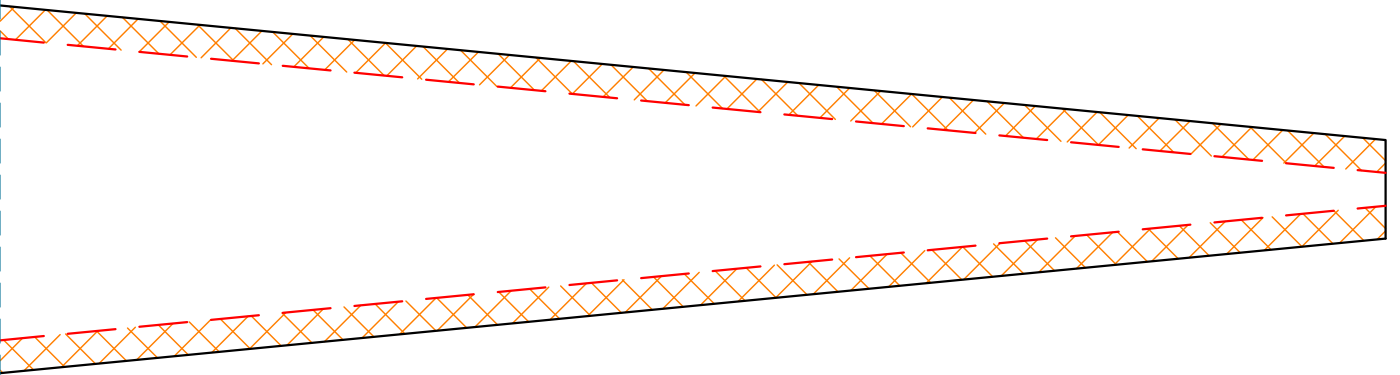


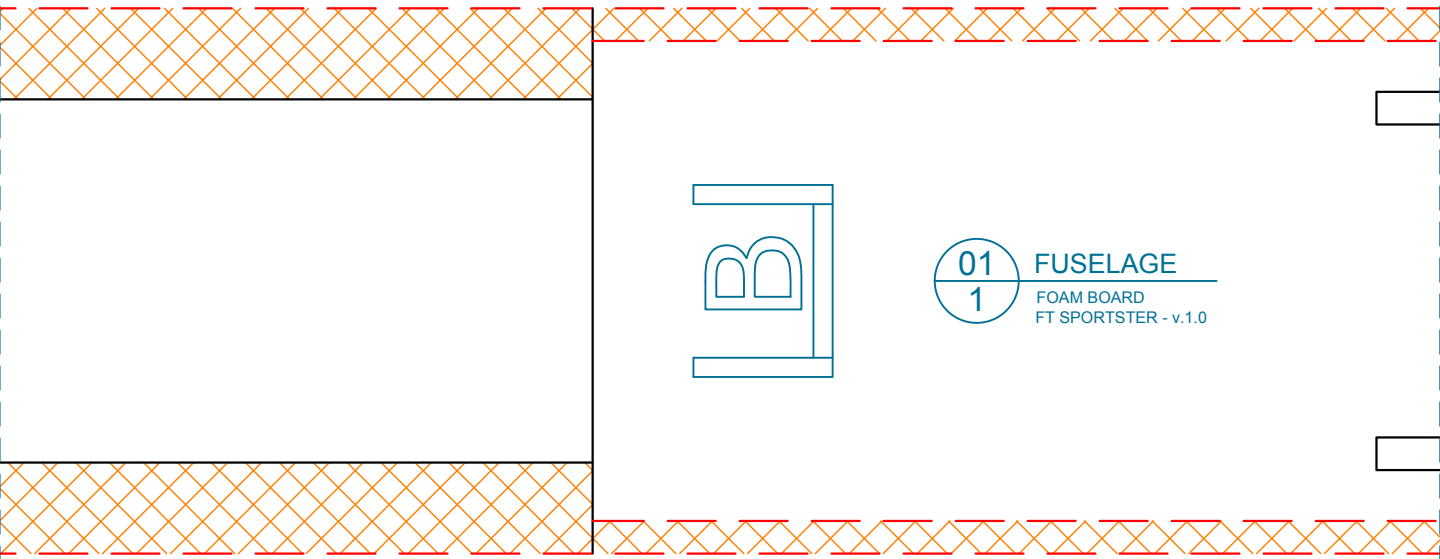
02
1

FUSELAGE BOTTOM A
FOAM BOARD
FT SPORTSTER - v.1.0



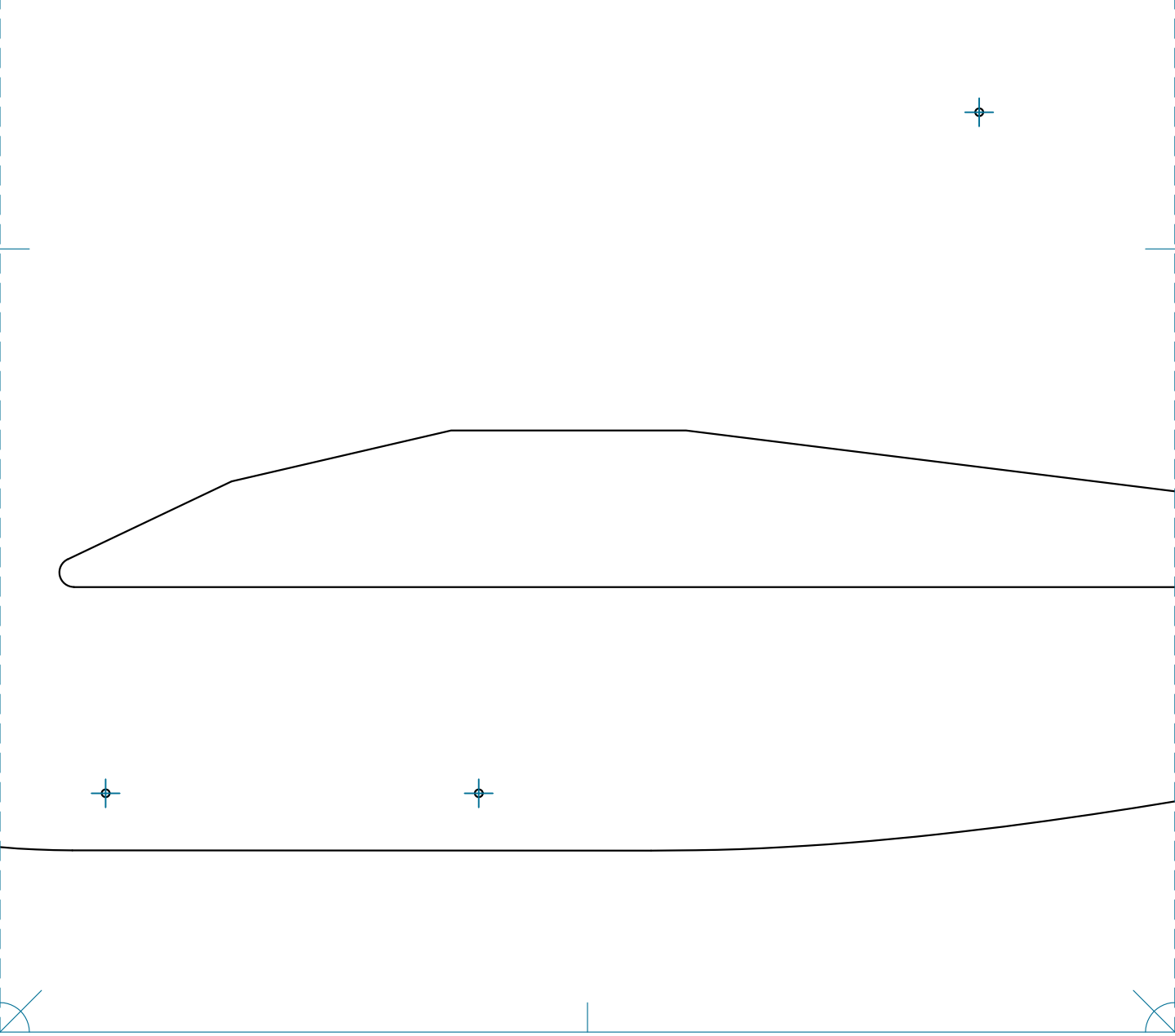


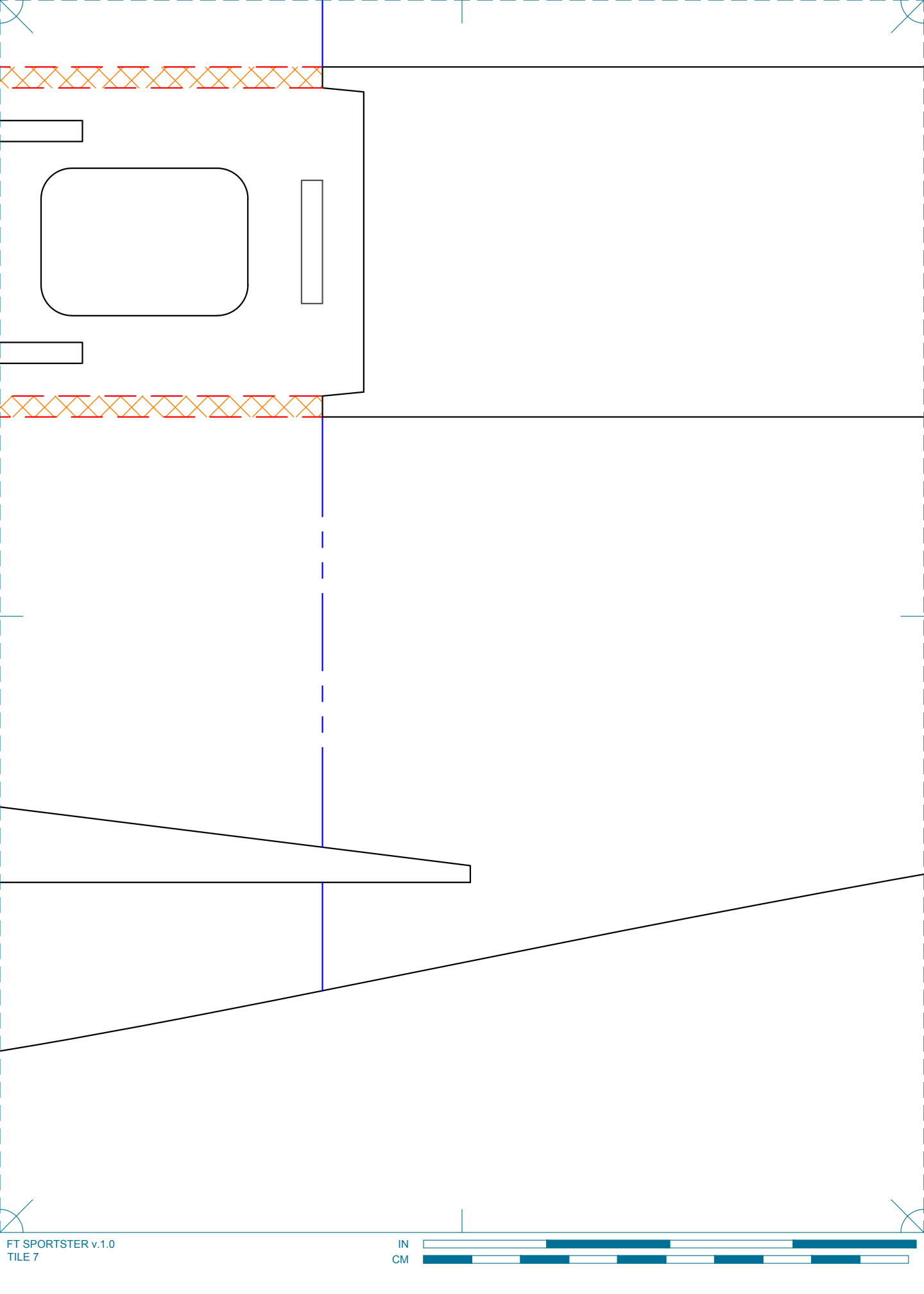


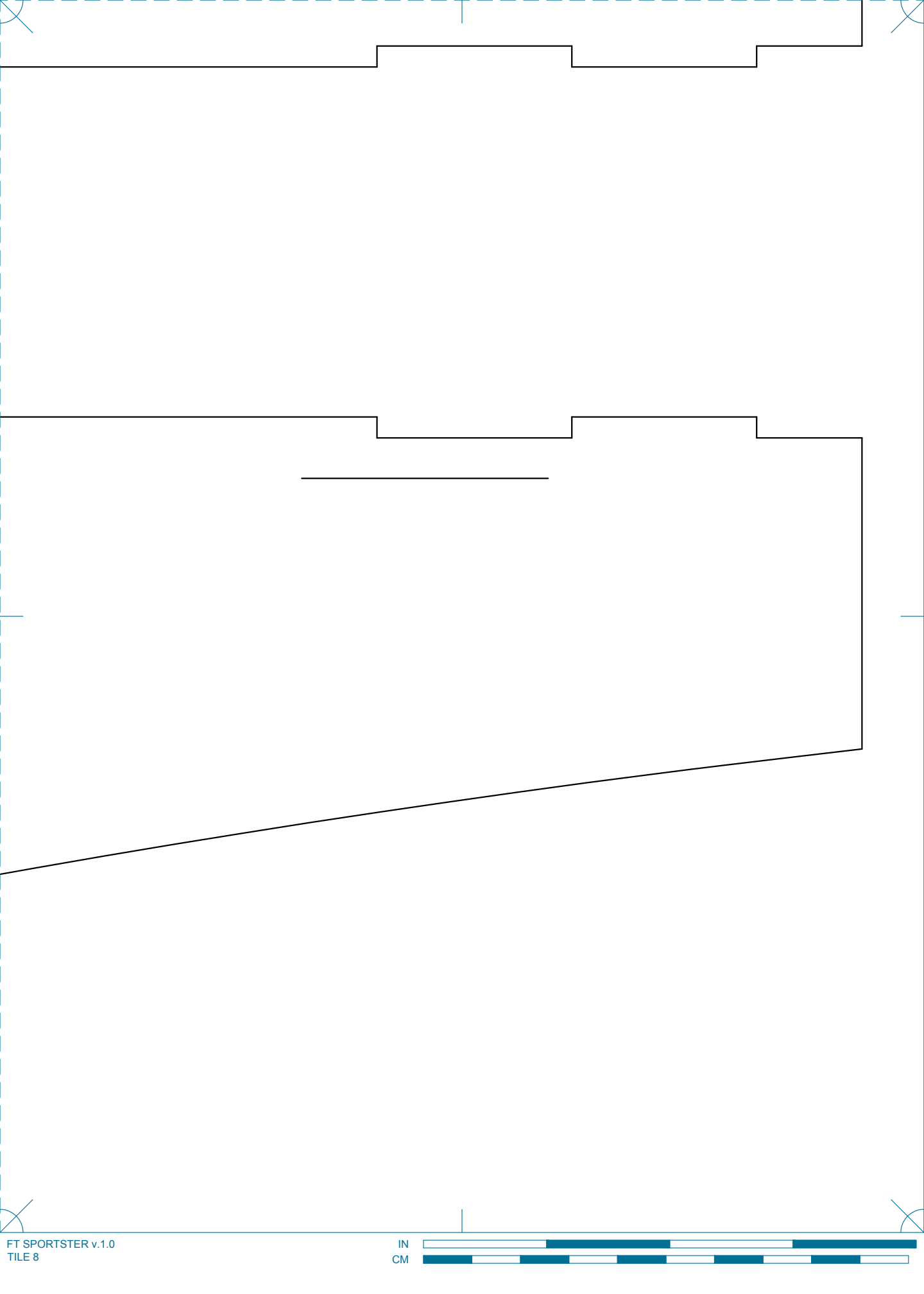


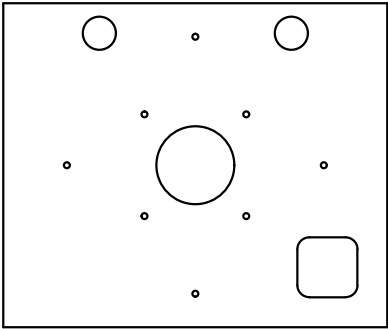
01
1

FUSELAGE
FOAM BOARD
FT SPORTSTER - v.1.0

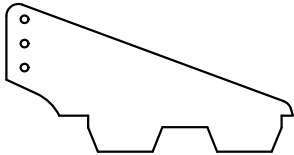




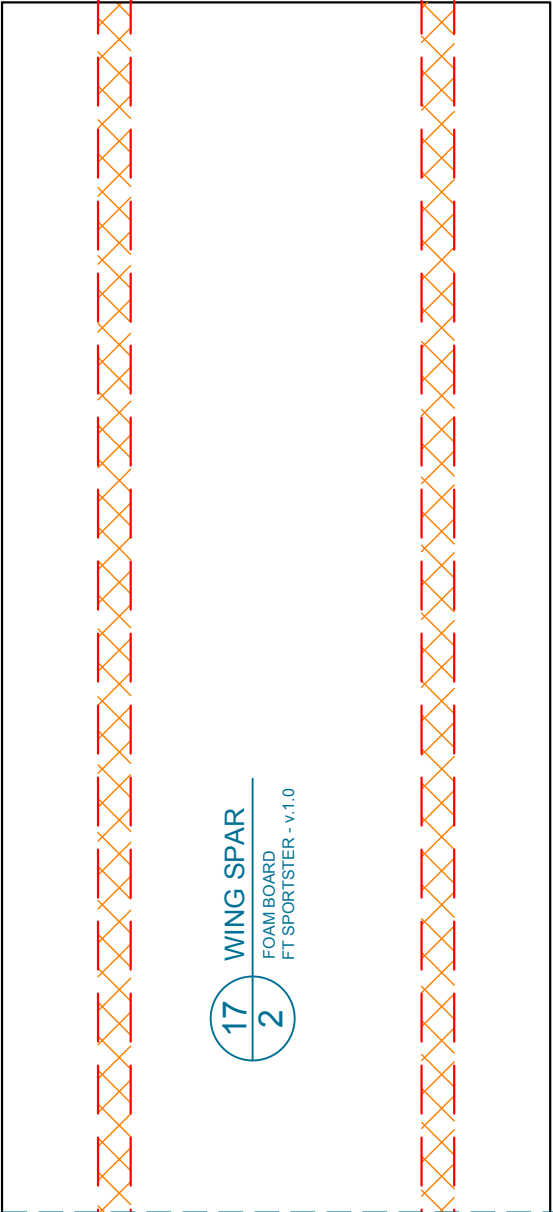
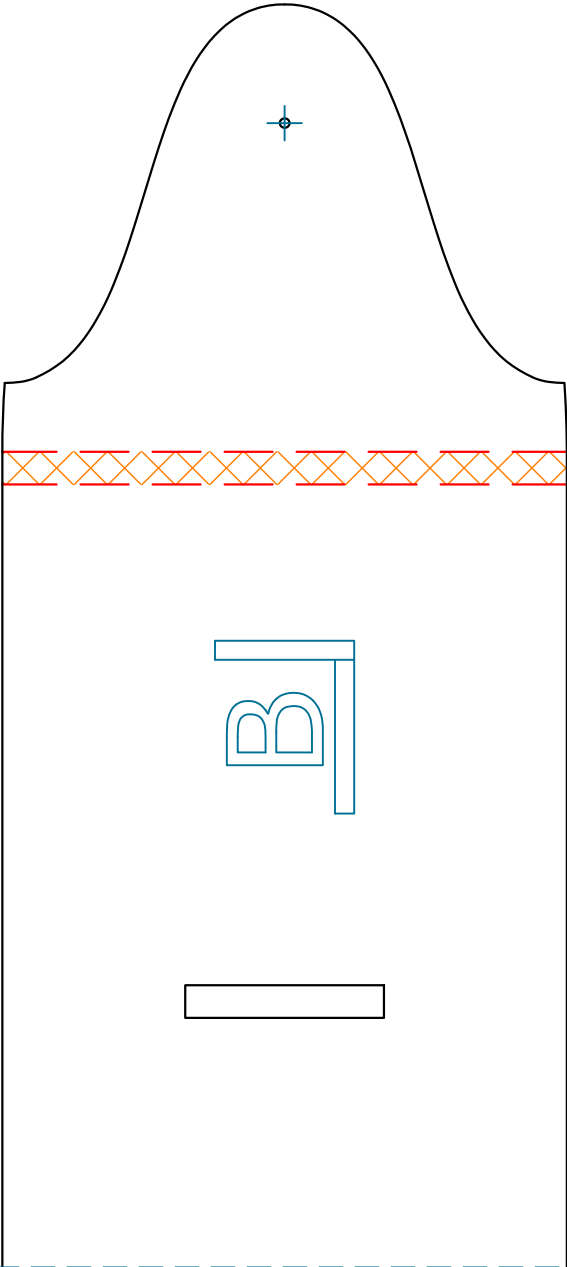




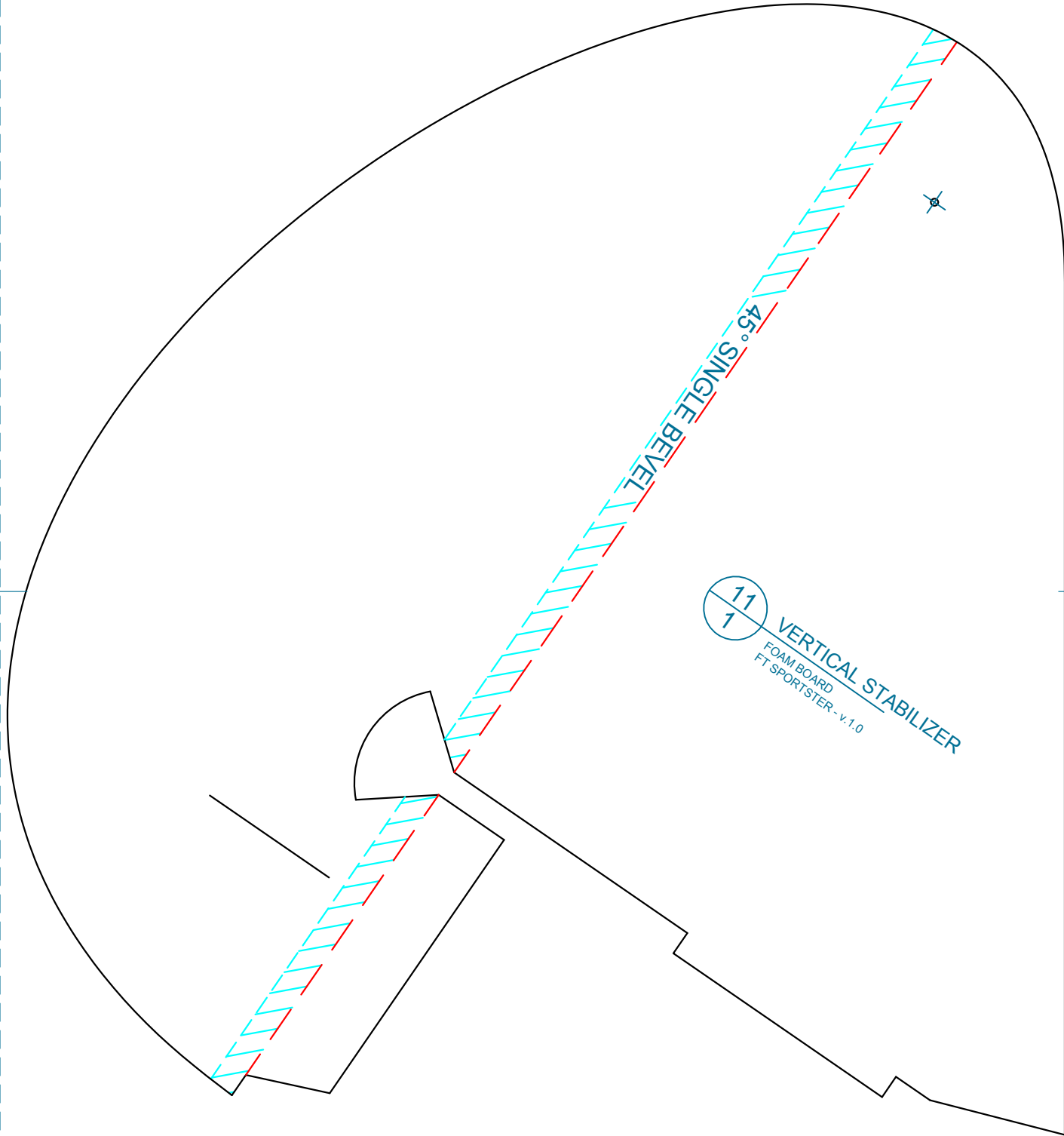
FT SWAPPABLE FIREWALL
1/32" (2.4mm) THICK
HOBBY GRADE PLYWOOD

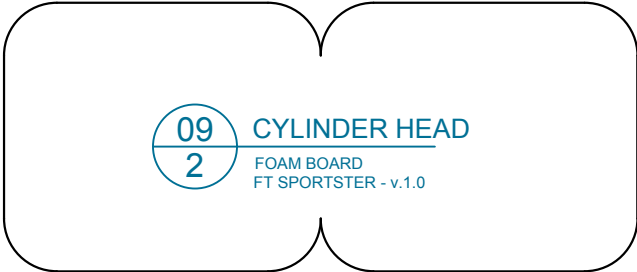
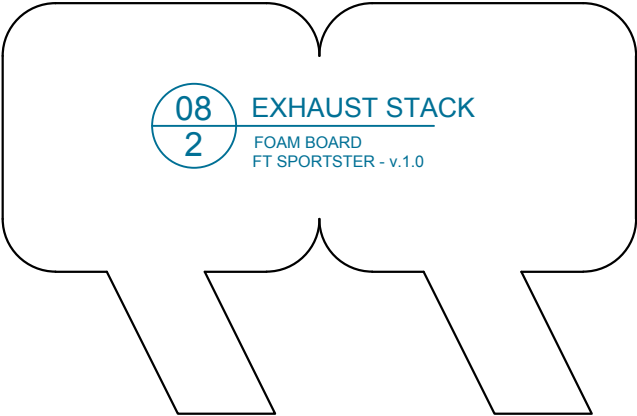
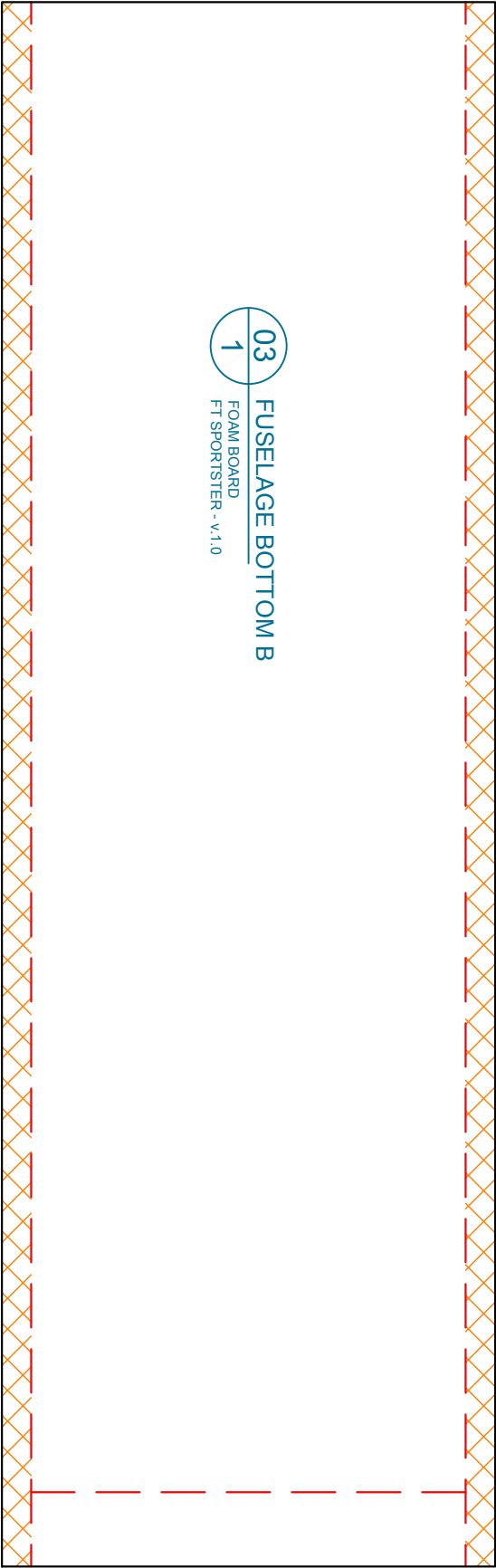


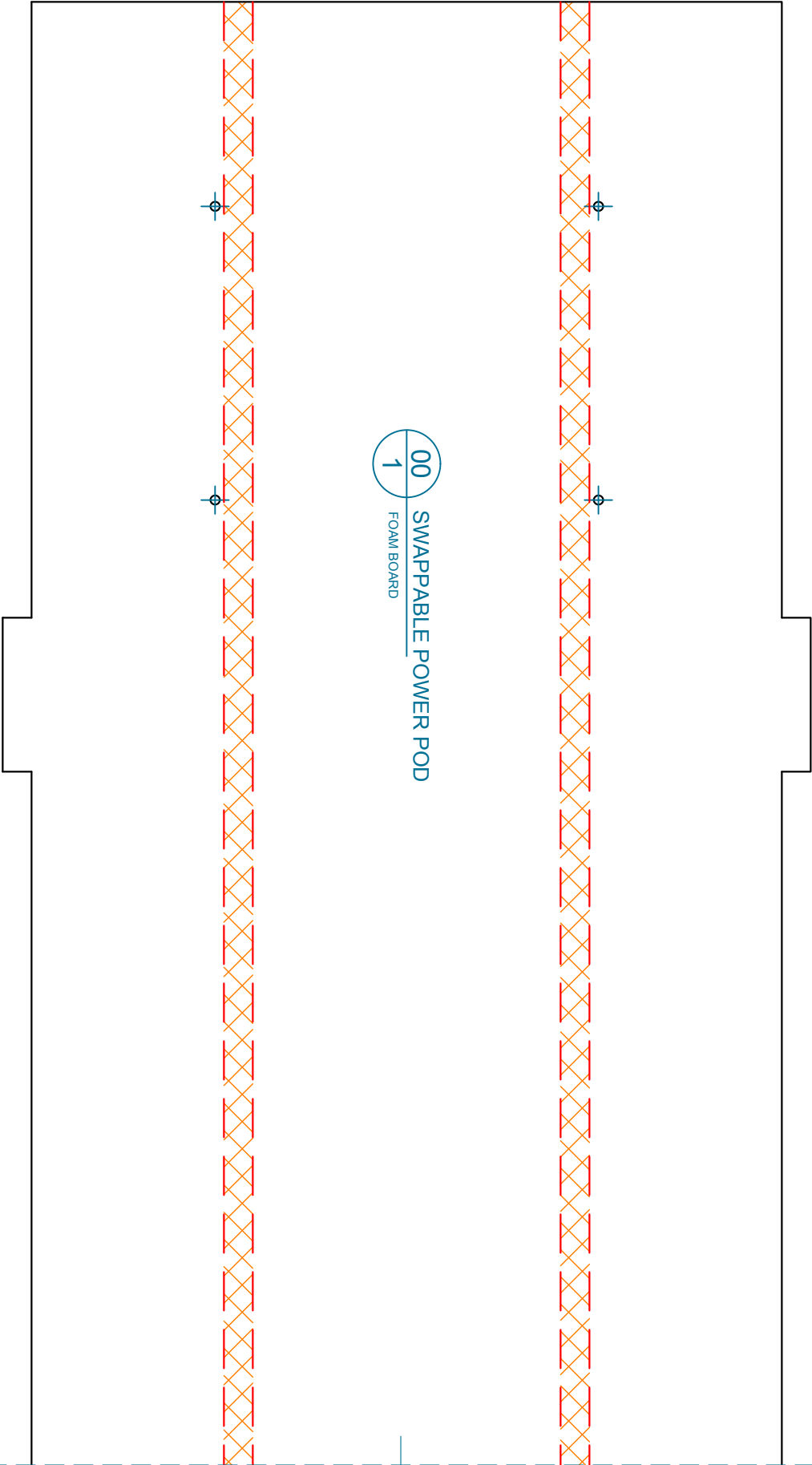
FT CONTROL HORN
1/16" (1.5mm) THICK
HOBBY GRADE PLYWOOD



17 WING SPAR
2
FOAM BOARD
FT SPORTSTER - v.1.0

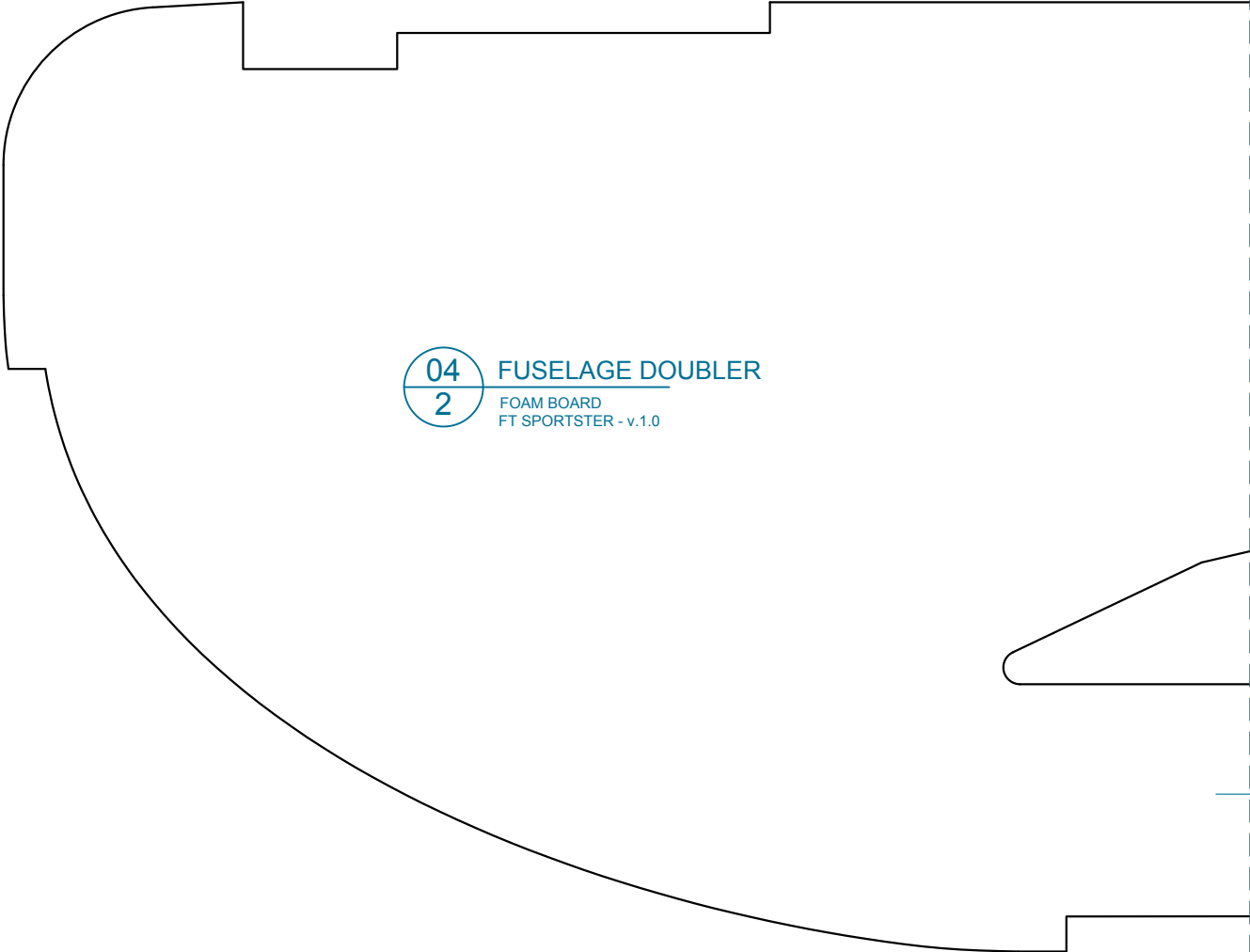






05 BATTERY TRAY
1
FOAM BOARD
FT SPORTSTER - v.1.0

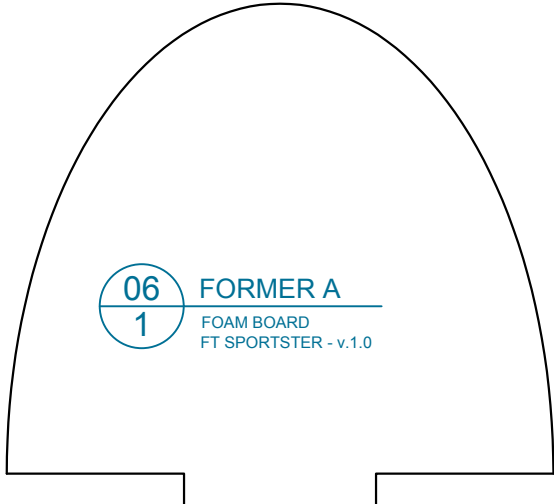
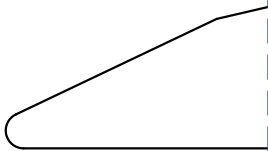




04
2

FUSELAGE DOUBLER

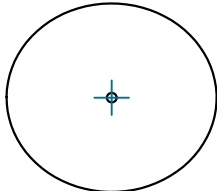
FOAM BOARD
FT SPORTSTER - v.1.0



06
1

FORMER A

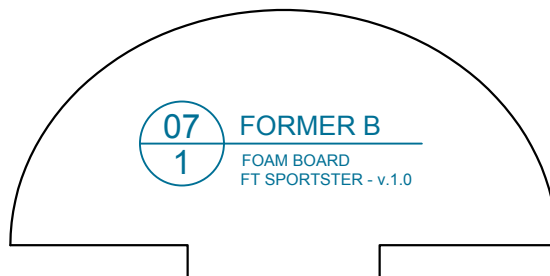
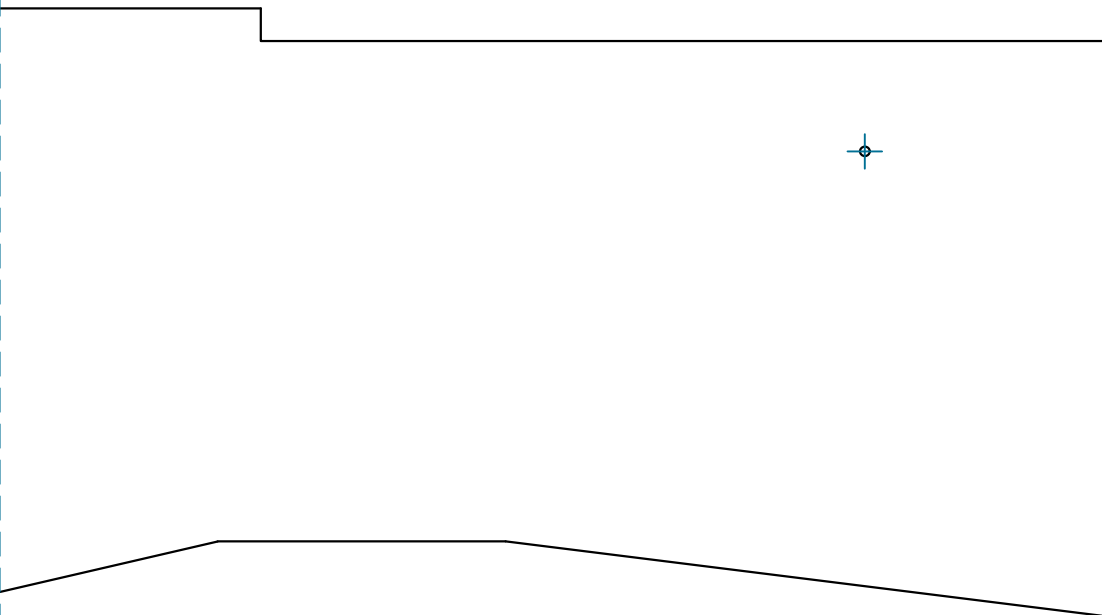
FOAM BOARD
FT SPORTSTER - v.1.0



10
1

HEAD REST

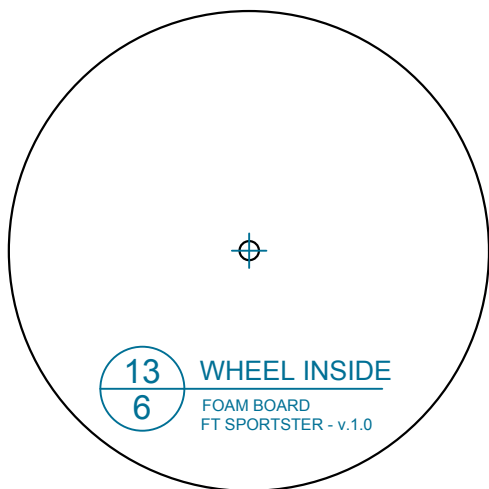
FOAM BOARD
FT SPORTSTER - v.1.0



07
1

FORMER B

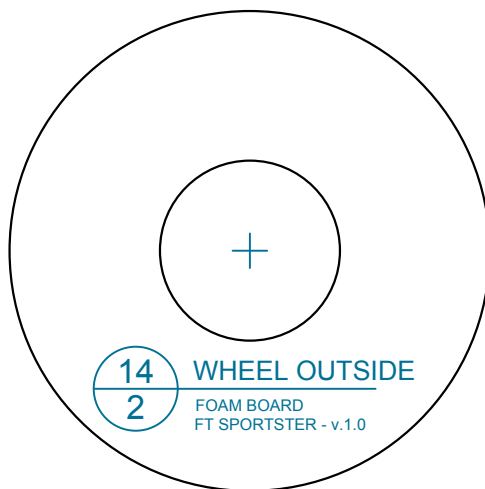
FOAM BOARD
FT SPORTSTER - v.1.0



13
6

WHEEL INSIDE

FOAM BOARD
FT SPORTSTER - v.1.0

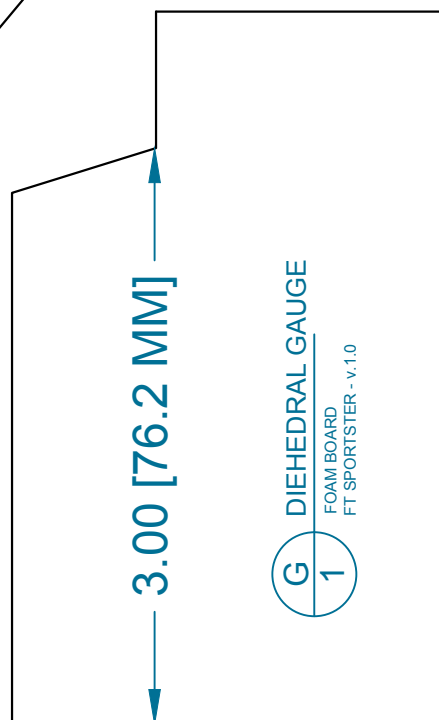
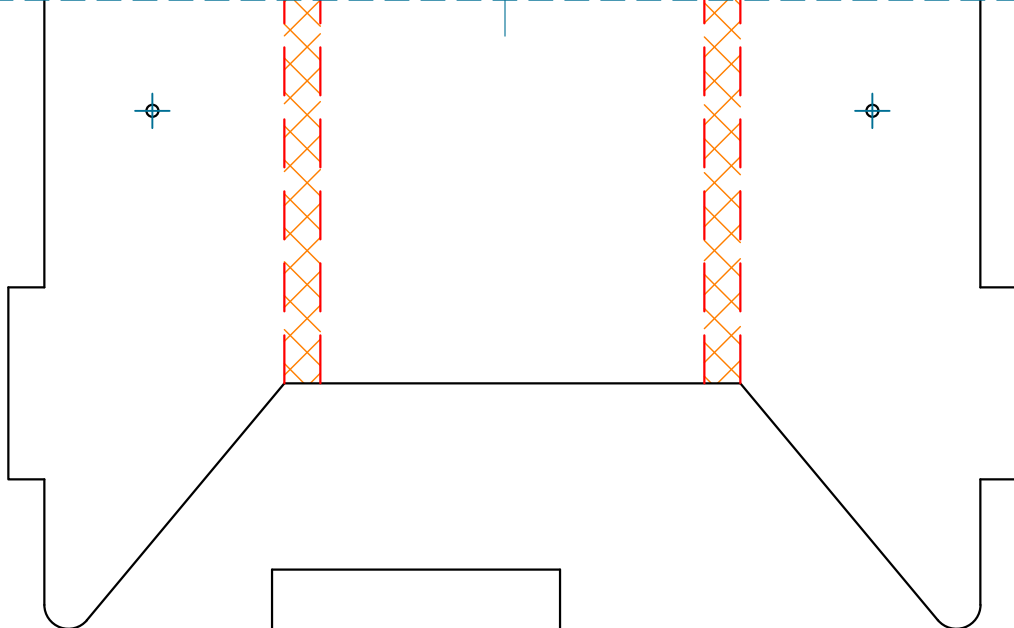


14
2

WHEEL OUTSIDE

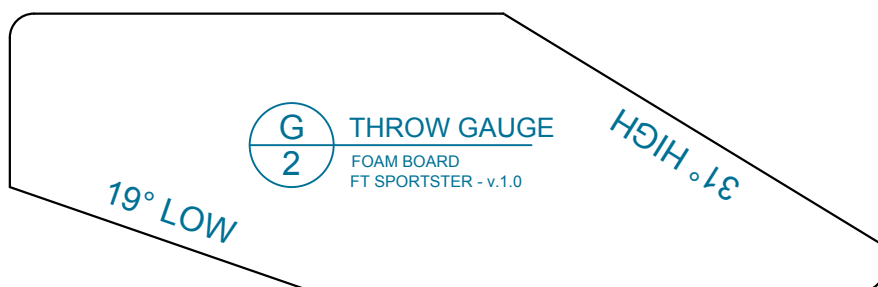
FOAM BOARD
FT SPORTSTER - v.1.0





G
1

DIEHEDRAL GAUGE
FOAM BOARD
FT SPORTSTER - v.1.0



19° LOW

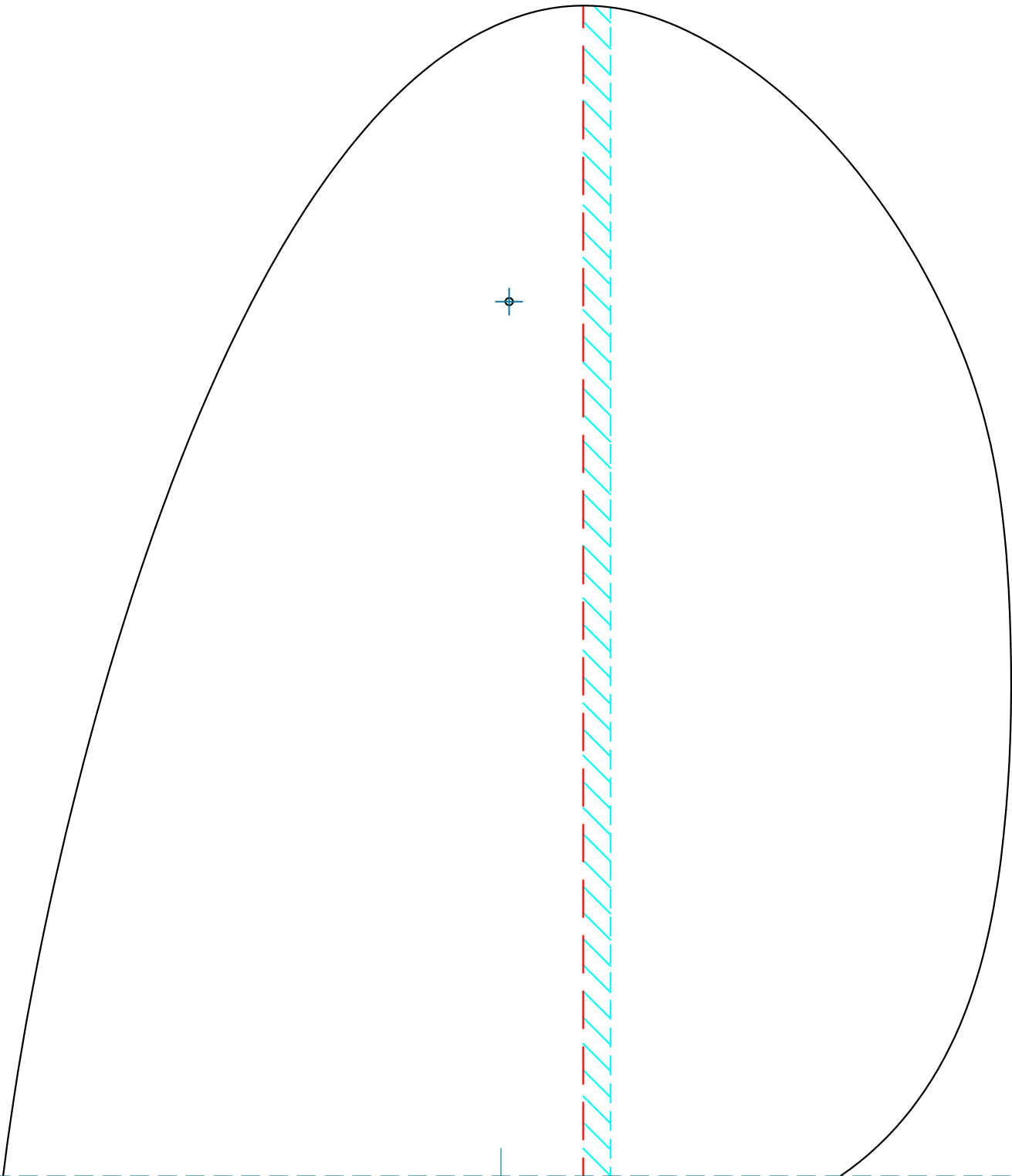
G
2

THROW GAUGE

FOAM BOARD
FT SPORTSTER - v.1.0

37° HIGH

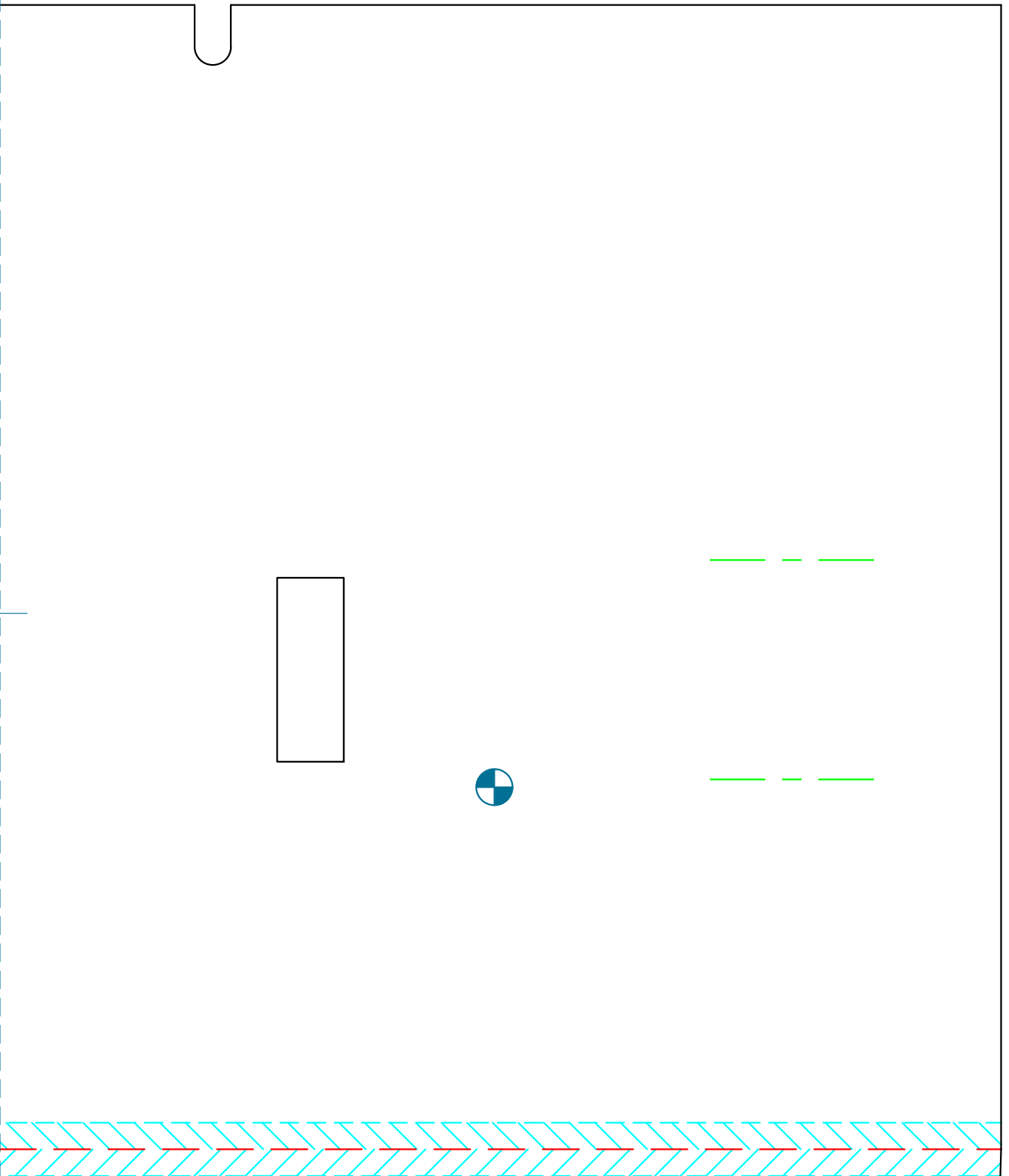








45° DOUBLE BEVEL



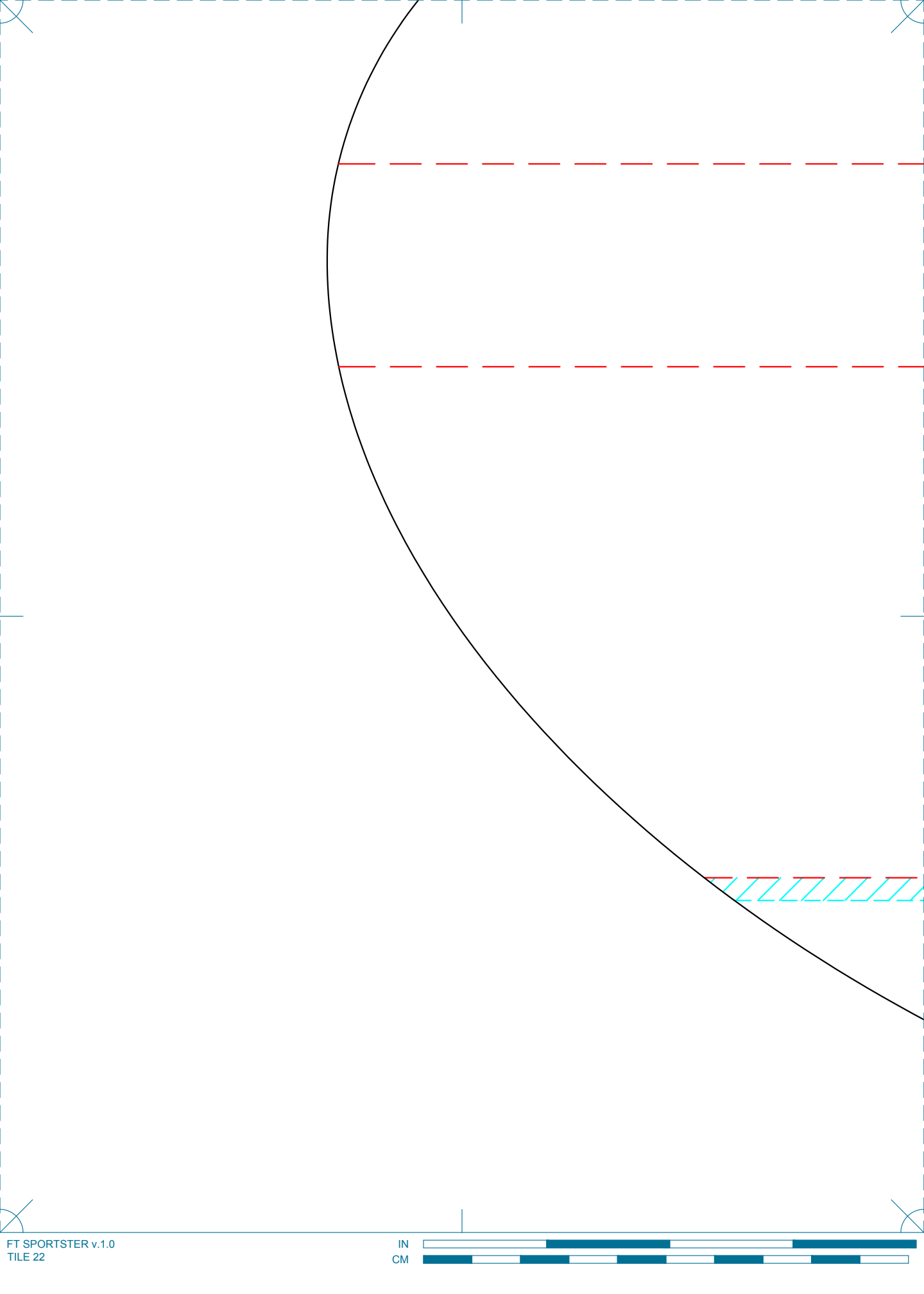
12 HORIZONTAL STABILIZER
1 FOAM BOARD
FT SPORTSTER - v.1.0

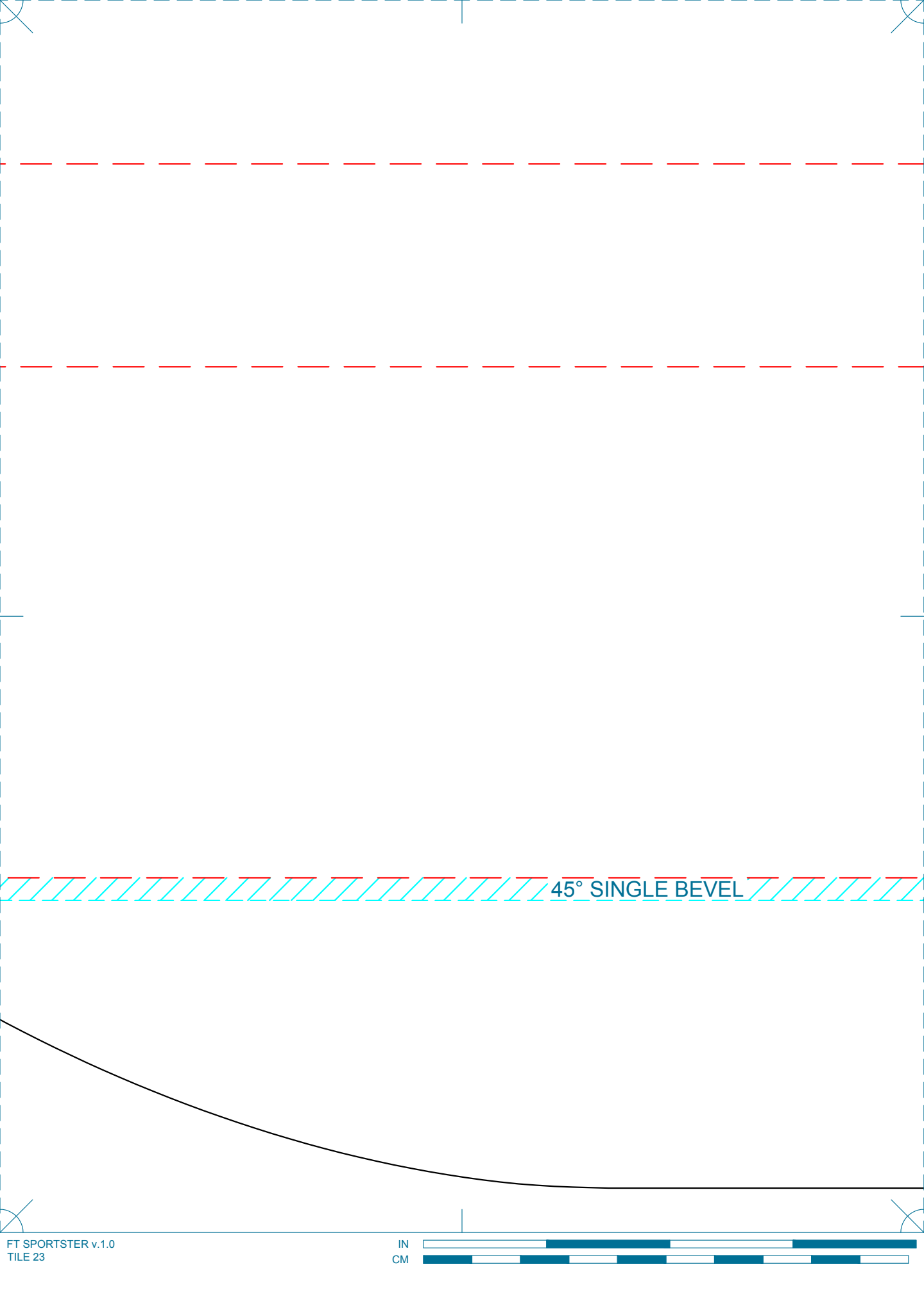
45° SINGLE BEVEL



IN
CM







45° SINGLE BEVEL





WING LEFT

FOAM BOARD
FT SPORTSTER - v.1.0



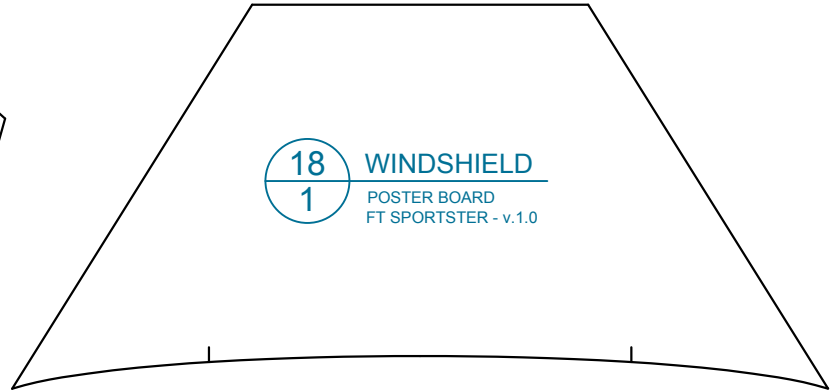




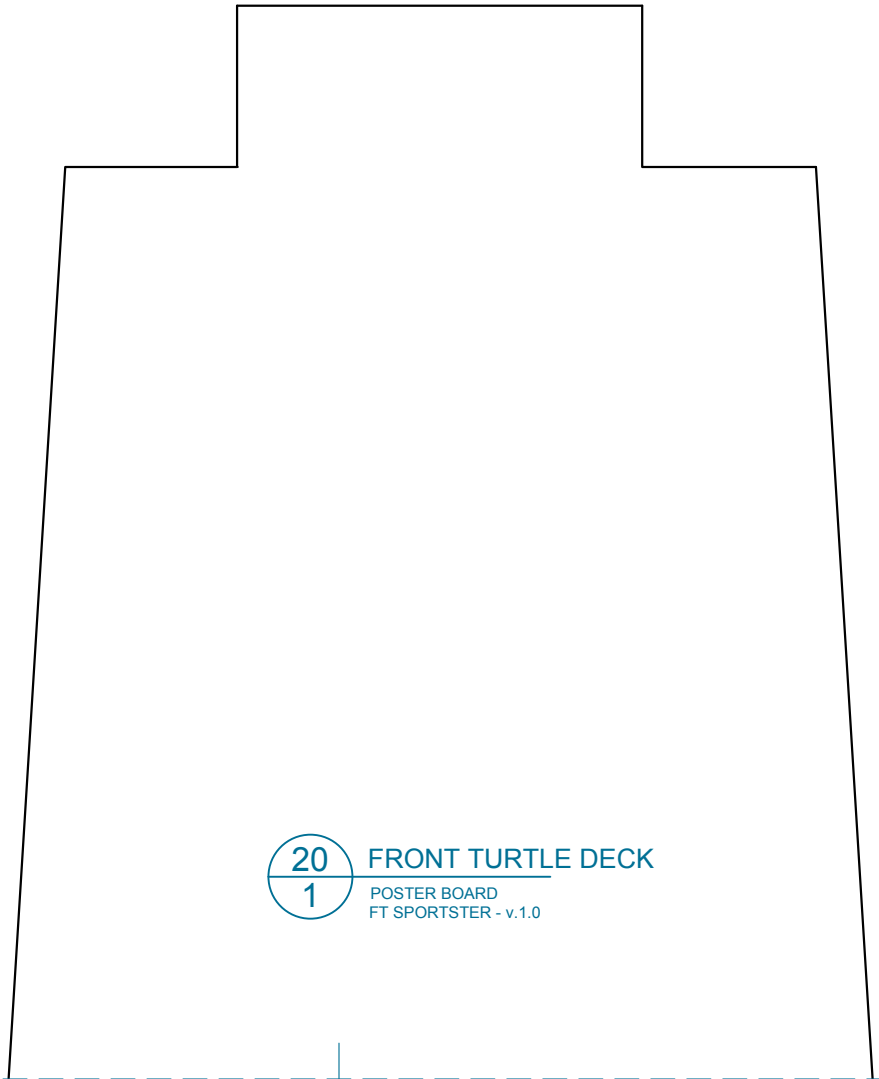
19

1

POSTER BOARD
FT SPORTSTER - v.1.0



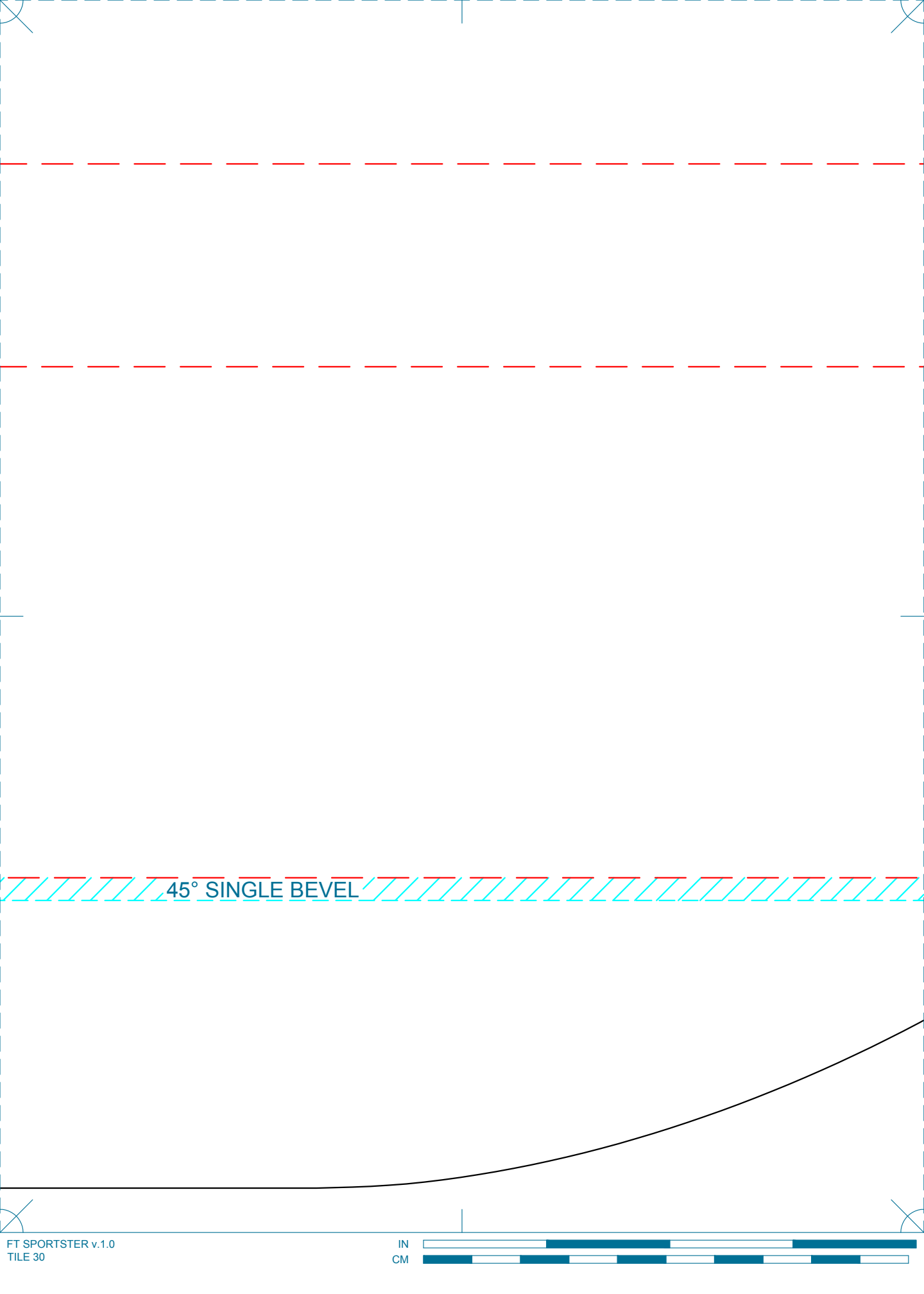
18 WINDSHIELD
1 POSTER BOARD
FT SPORTSTER - v.1.0



20 FRONT TURTLE DECK
1 POSTER BOARD
FT SPORTSTER - v.1.0

16 WING RIGHT
1 FOAM BOARD
FT SPORTSTER - v.1.0





45° SINGLE BEVEL

