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FT MINI SPORTSTER

Designed By: Josh Bixler

Drawing By: Dan Sponholz

SPECIFICATIONS

DESCRIPTION		IMPERIAL	METRIC
LENGTH		17 in	432 mm
CENTER OF GRAVITY	CG	1.75 in	44 mm
WING SPAN		23 in	584 mm
WING AREA		136 in ²	8.8 dm ²
DRY WEIGHT		7.2 oz	204 g
ALL UP WEIGHT	AUW	9.5 oz	270 g
WING LOADING	WL	10.0 oz/ft ²	30.6 g/dm ²
WING CUBIC LOADING	WCL	10.3	

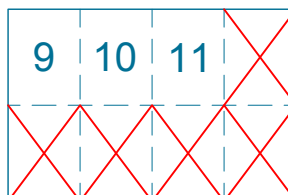
RECOMMENDED SETTINGS

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

SHEET & TILE KEY

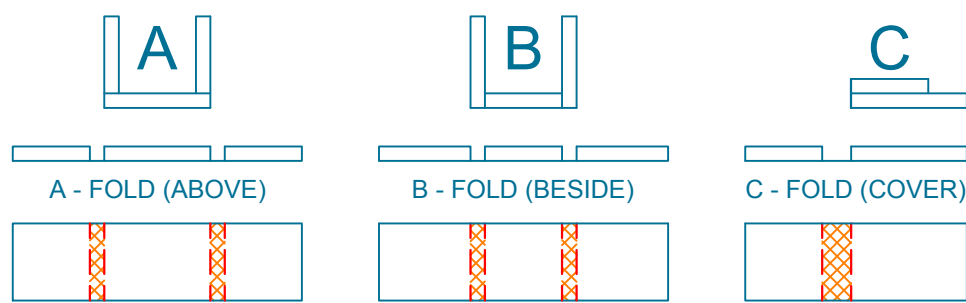


1	2	3	4
5	6	7	8

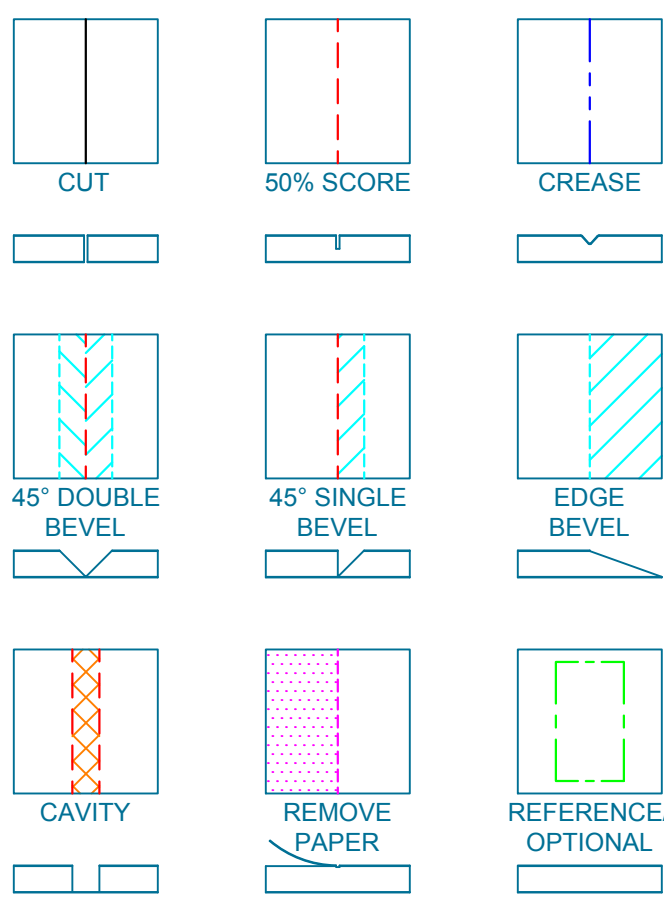


DRAWING KEY

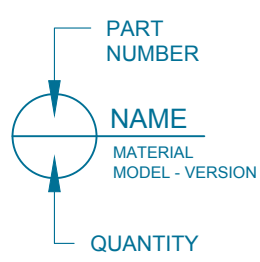
FOLD TYPES



LINE TYPE/COLOR

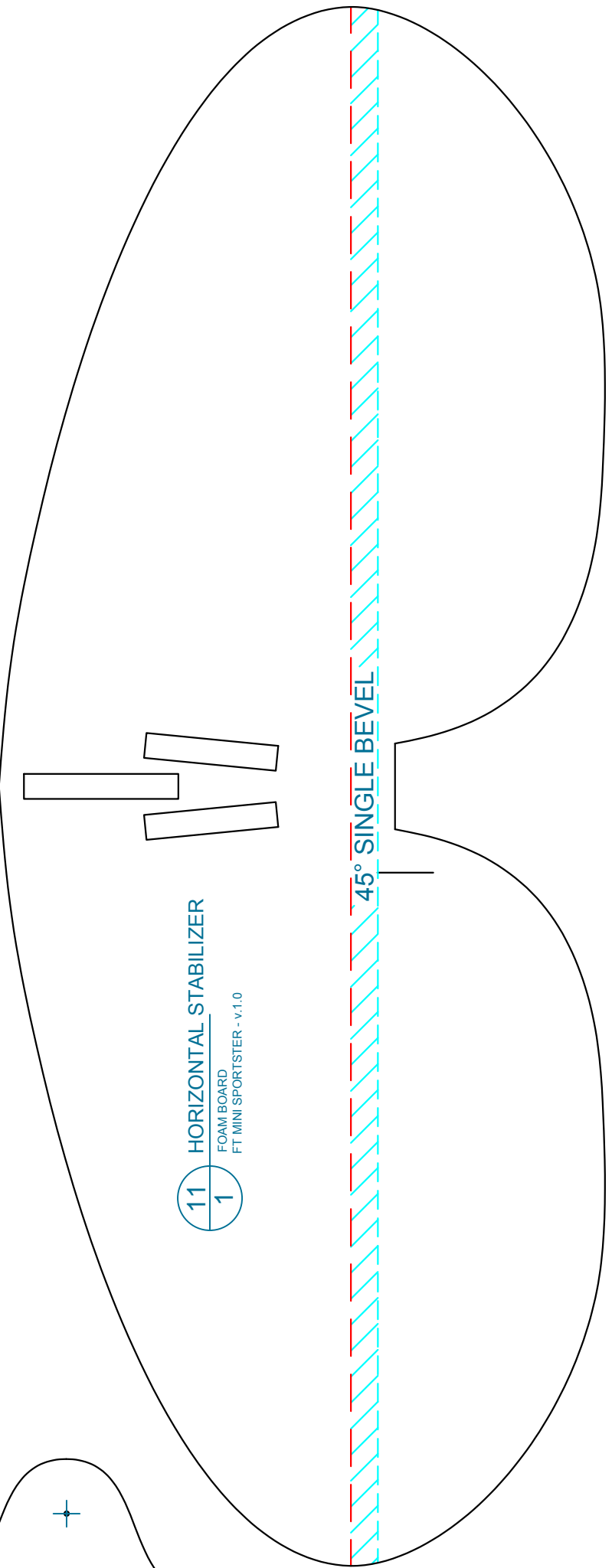


SYMBOLS



FT Mini Sportster

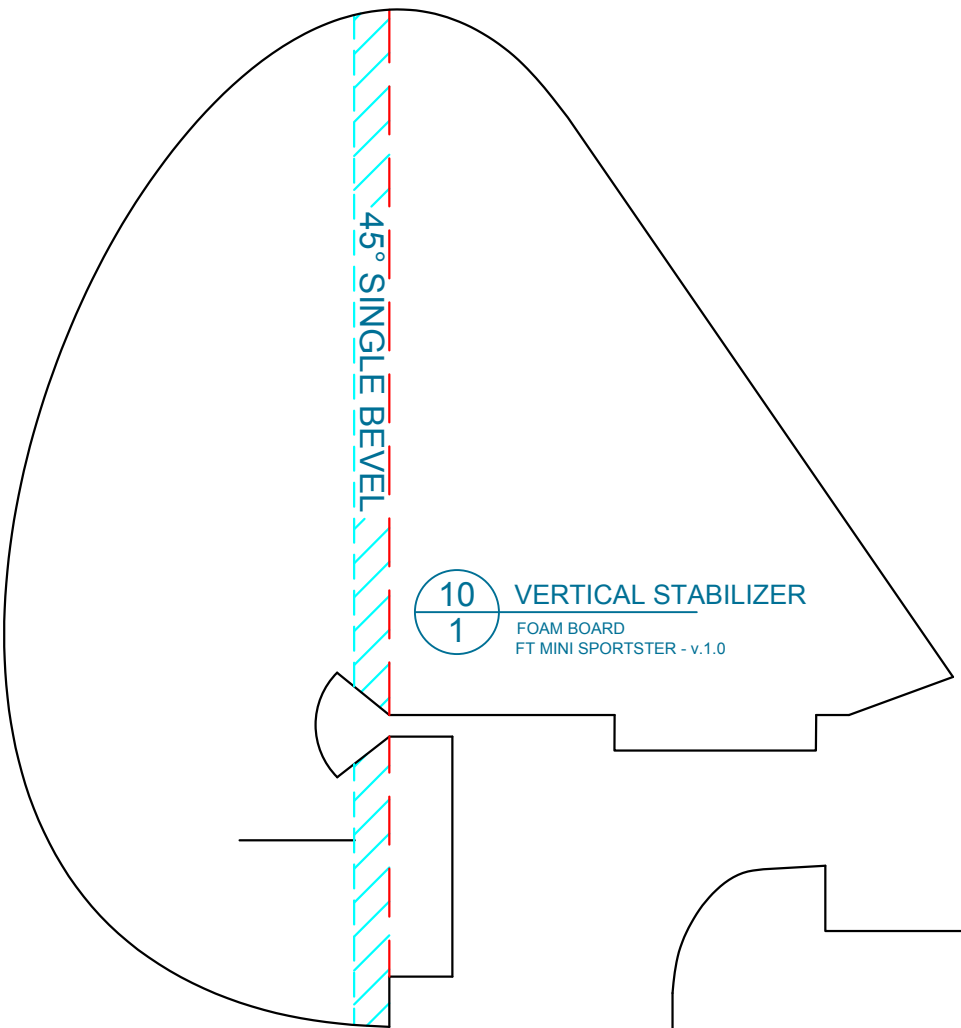
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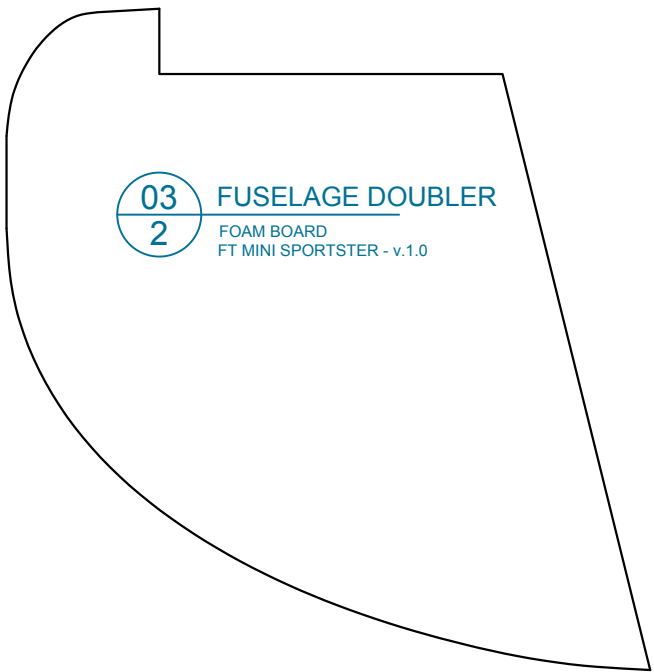
11 HORIZONTAL STABILIZER
FOAM BOARD
FT MINI SPORTSTER - v1.0



G1 DIEHEDRAL GAUGE
FOAM BOARD
FT MINI SPORTSTER - v1.0



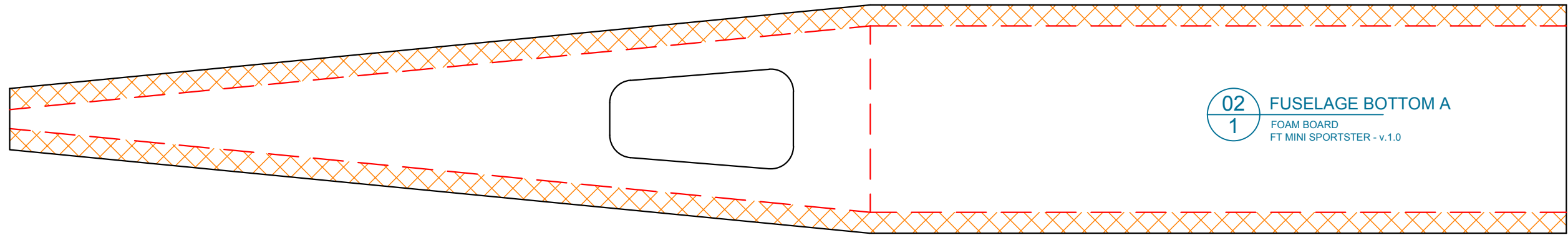
10 VERTICAL STABILIZER
FOAM BOARD
FT MINI SPORTSTER - v1.0



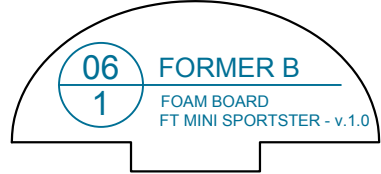
03 FUSELAGE DOUBLER
FOAM BOARD
FT MINI SPORTSTER - v1.0



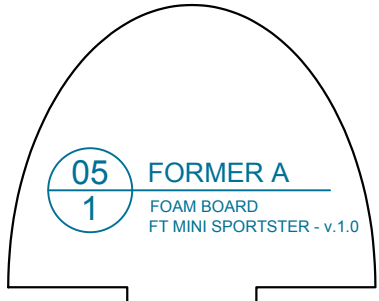
G2 THROW GAUGE
FOAM BOARD
FT MINI SPORTSTER - v1.0



02 FUSELAGE BOTTOM A
FOAM BOARD
FT MINI SPORTSTER - v1.0



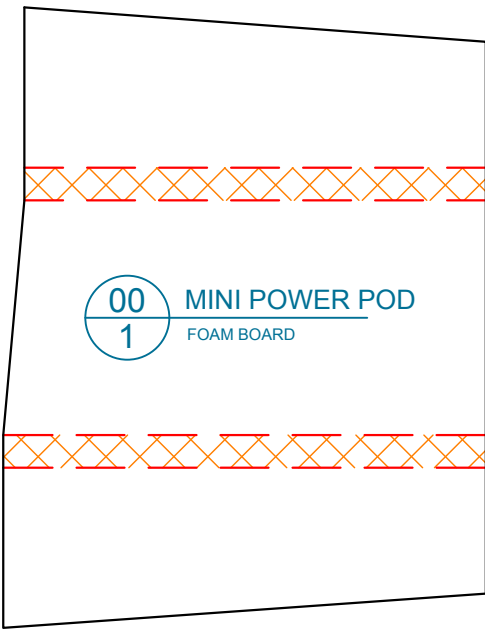
06 FORMER B
FOAM BOARD
FT MINI SPORTSTER - v1.0



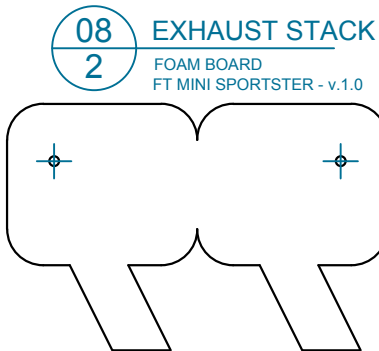
05 FORMER A
FOAM BOARD
FT MINI SPORTSTER - v1.0



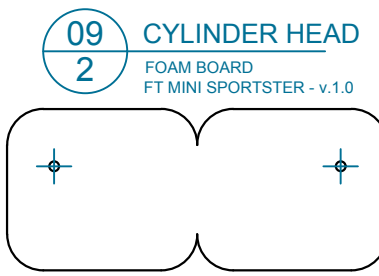
07 HEAD REST
FOAM BOARD
FT MINI SPORTSTER - v1.0



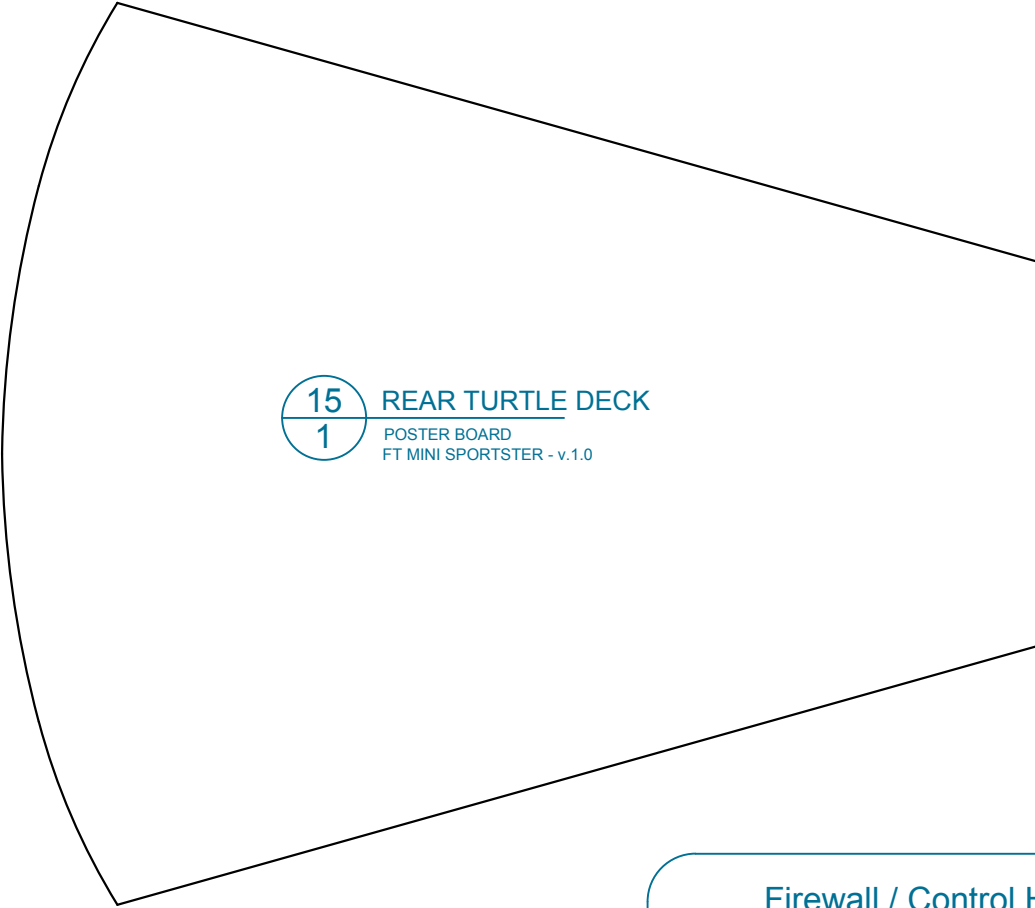
00 MINI POWER POD
FOAM BOARD



08 EXHAUST STACK
FOAM BOARD
FT MINI SPORTSTER - v1.0

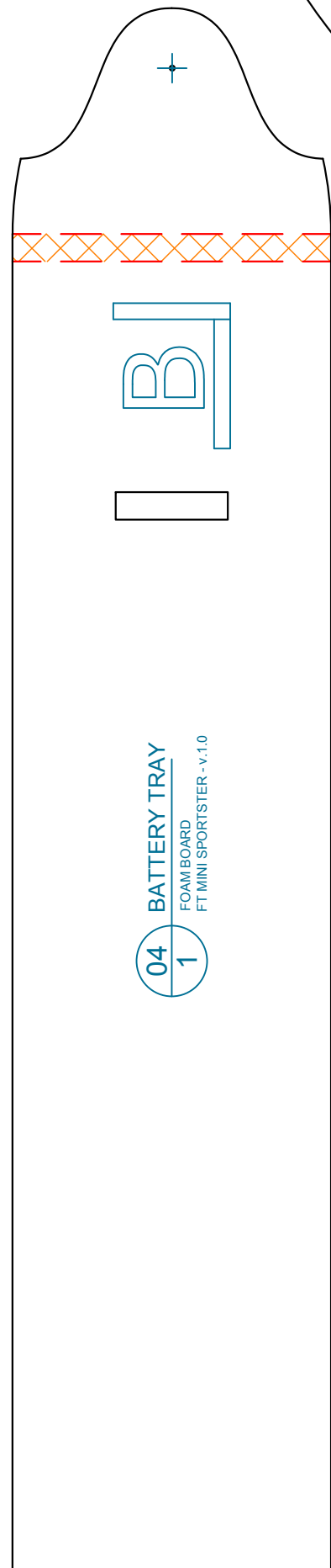
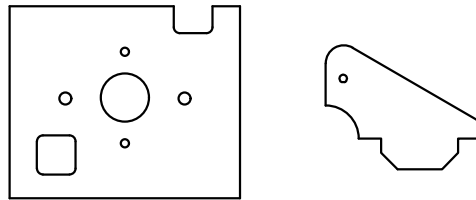


09 CYLINDER HEAD
FOAM BOARD
FT MINI SPORTSTER - v1.0

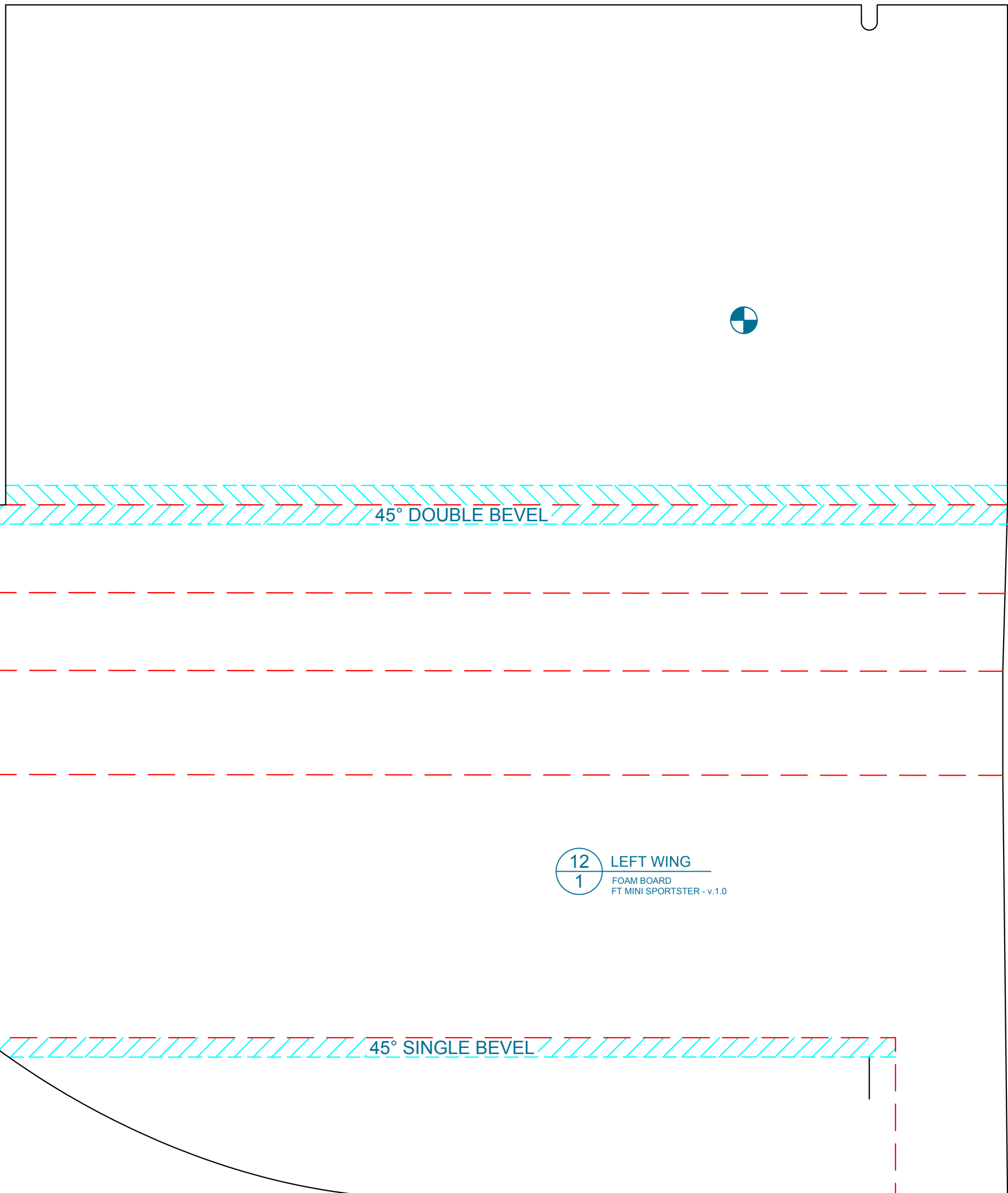


15 REAR TURTLE DECK
POSTER BOARD
FT MINI SPORTSTER - v1.0

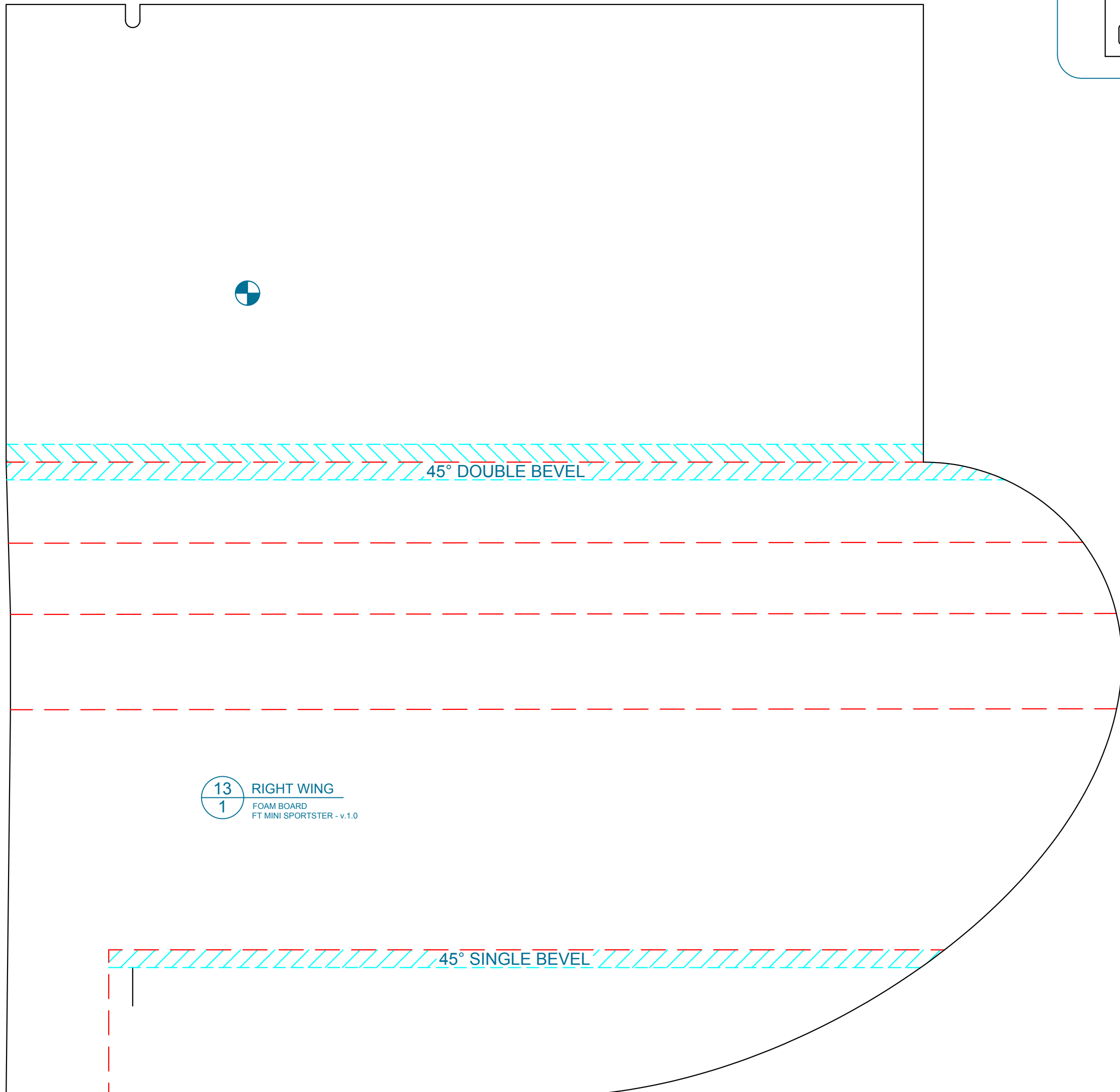
Firewall / Control Horns
1/16" (1.5mm) Thick
Hobby Grade Plywood



04 BATTERY TRAY
FOAM BOARD
FT MINI SPORTSTER - v1.0



12 LEFT WING
FOAM BOARD
FT MINI SPORTSTER - v1.0



13 RIGHT WING
FOAM BOARD
FT MINI SPORTSTER - v1.0

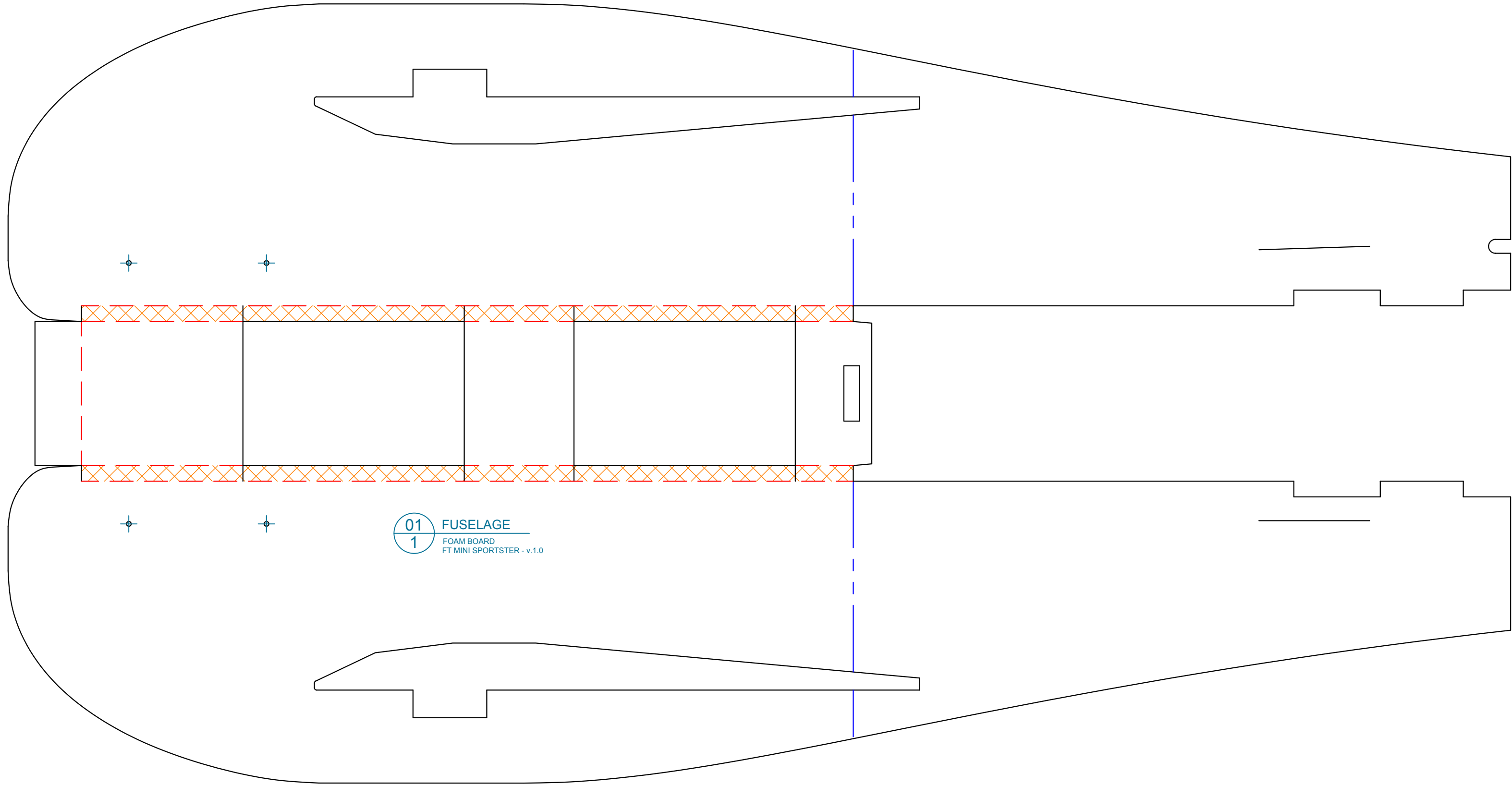


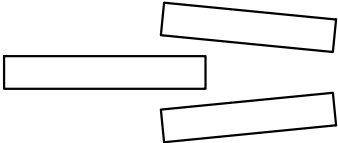
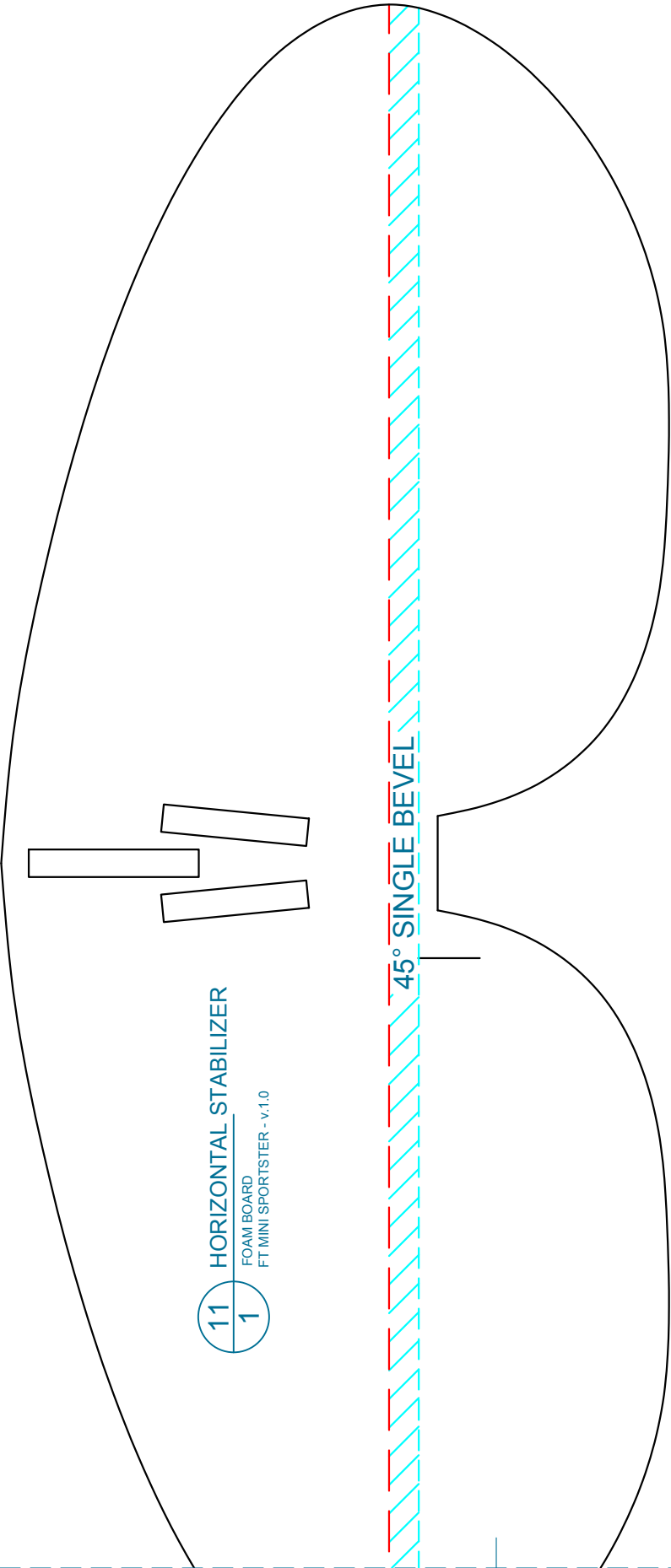
14 WING SPAR
FOAM BOARD
FT MINI SPORTSTER - v1.0



FT Mini Sportster

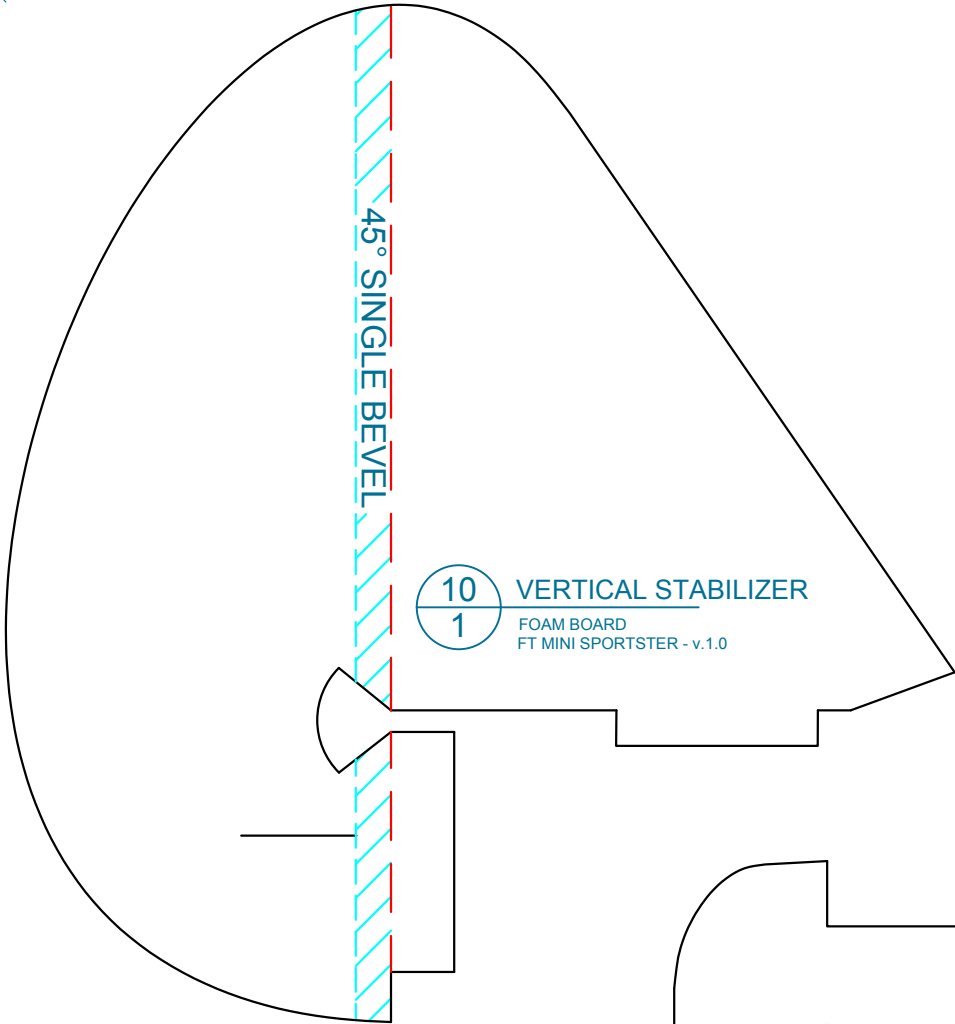
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11 HORIZONTAL STABILIZER
FOAM BOARD
FT MINI SPORTSTER - v.1.0

1.80 [45.7]
G DIEHEDRAL GAUGE
FOAM BOARD
FT MINI SPORTSTER - v.1.0



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VERTICAL STABILIZER

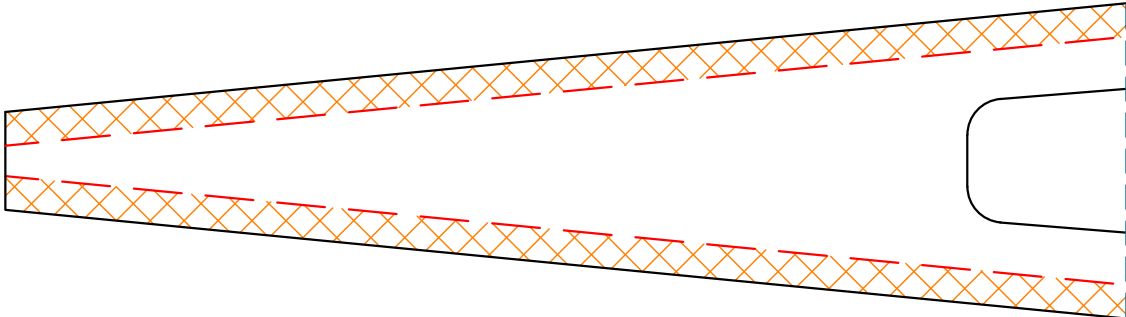
FOAM BOARD
FT MINI SPORTSTER - v.1.0



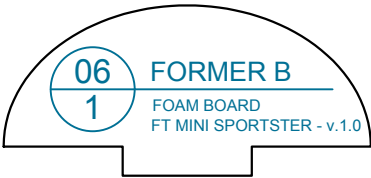
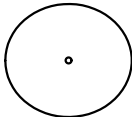
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FUSELAGE DOUBLER

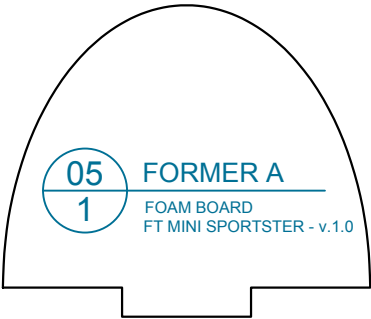
FOAM BOARD
FT MINI SPORTSTER - v.1.0



07 HEAD REST
1 FOAM BOARD
FT MINI SPORTSTER - v.1.0

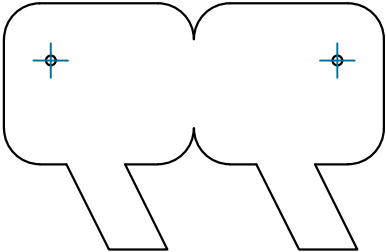


06 FORMER B
1 FOAM BOARD
FT MINI SPORTSTER - v.1.0

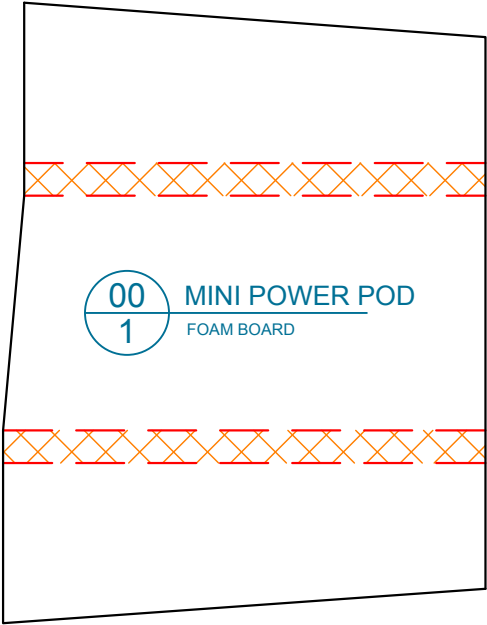
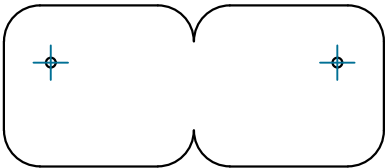


05 FORMER A
1 FOAM BOARD
FT MINI SPORTSTER - v.1.0

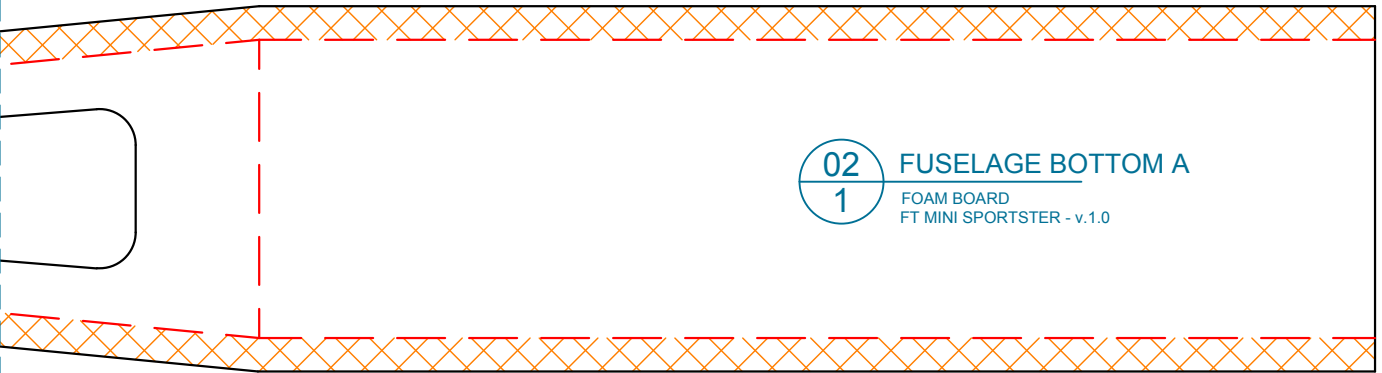
08 EXHAUST STACK
2 FOAM BOARD
FT MINI SPORTSTER - v.1.0



09 CYLINDER HEAD
2 FOAM BOARD
FT MINI SPORTSTER - v.1.0



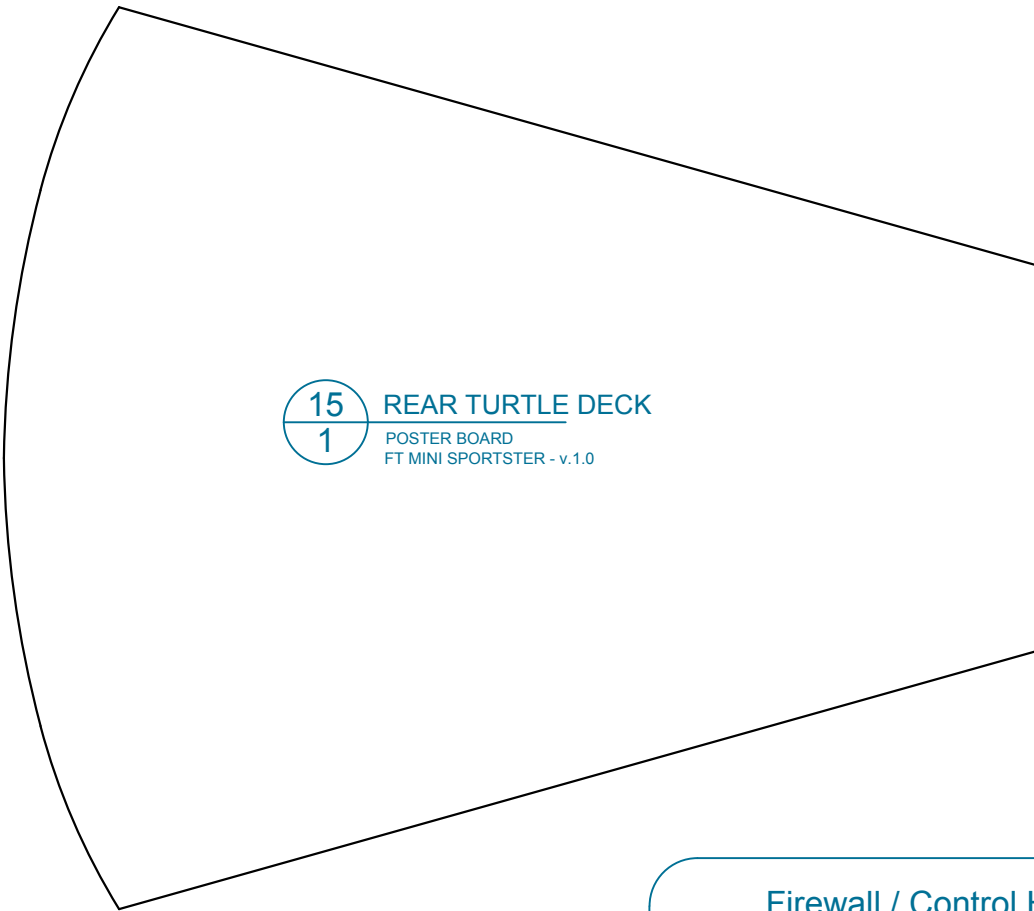
00 MINI POWER POD
1 FOAM BOARD



02
1

FUSELAGE BOTTOM A

FOAM BOARD
FT MINI SPORTSTER - v.1.0

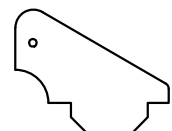
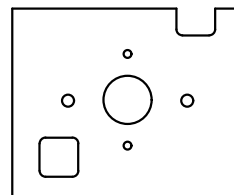


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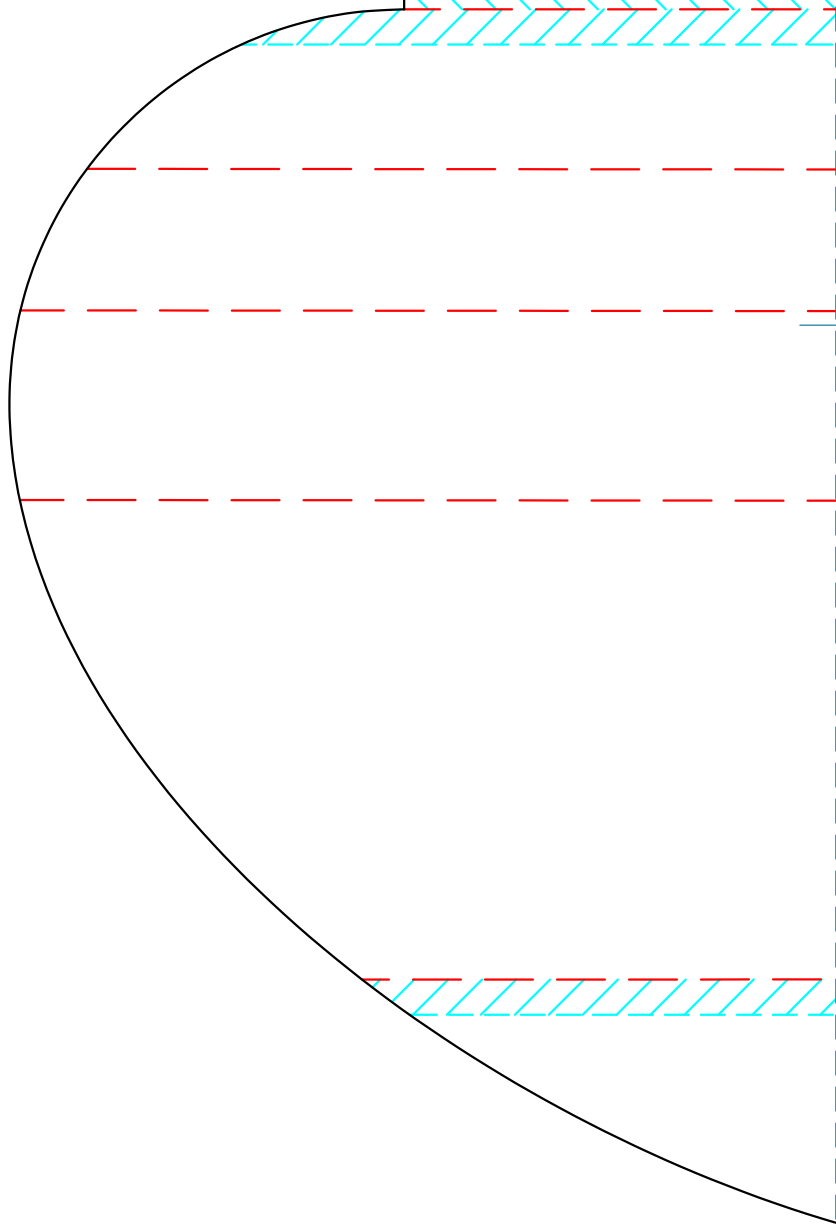
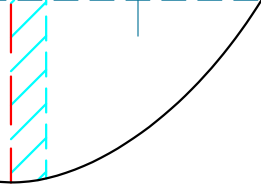
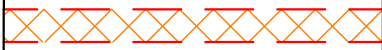
REAR TURTLE DECK

POSTER BOARD
FT MINI SPORTSTER - v.1.0

Firewall / Control Horns
1/16" (1.5mm) Thick
Hobby Grade Plywood



04 BATTERY TRAY
1 FOAM BOARD
FT MINI SPORTSTER - v.1.0





45° DOUBLE BEVEL



LEFT WING

FOAM BOARD
FT MINI SPORTSTER - v.1.0

45° SINGLE BEVEL





45° DOUBLE BEVEL

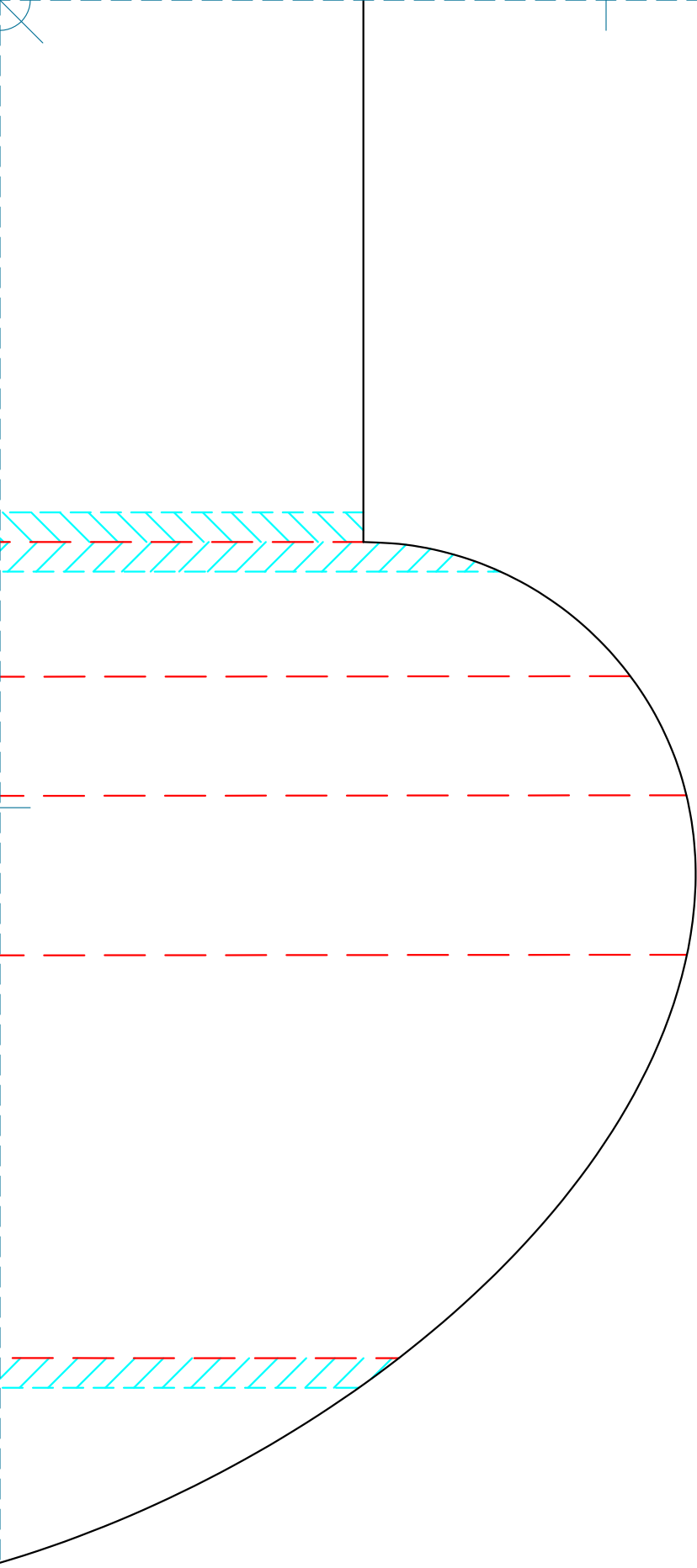
13
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RIGHT WING

FOAM BOARD
FT MINI SPORTSTER - v.1.0

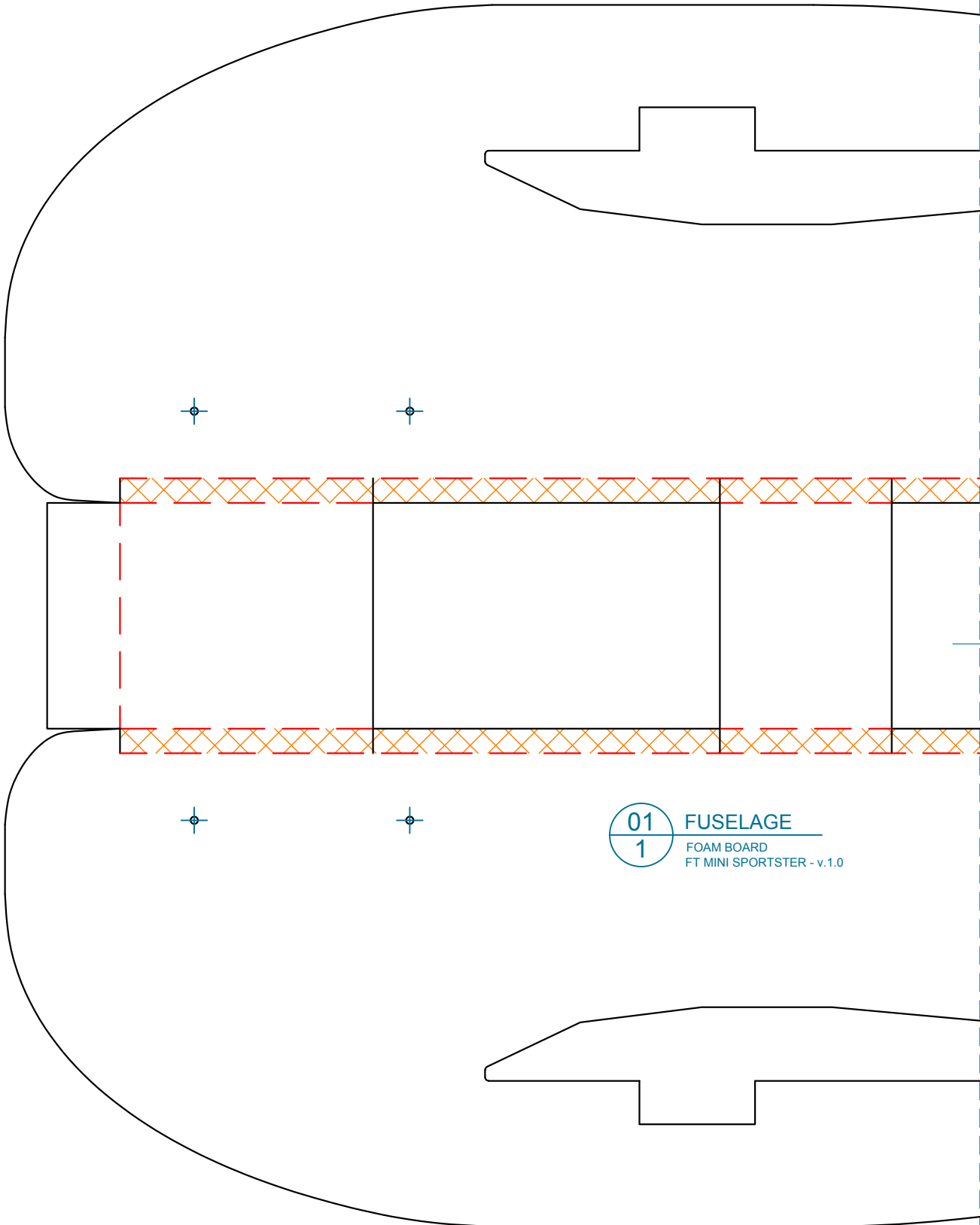
45° SINGLE BEVEL





14 WING SPAR
2
FOAM BOARD
FT MINI SPORTSTER - v.1.0



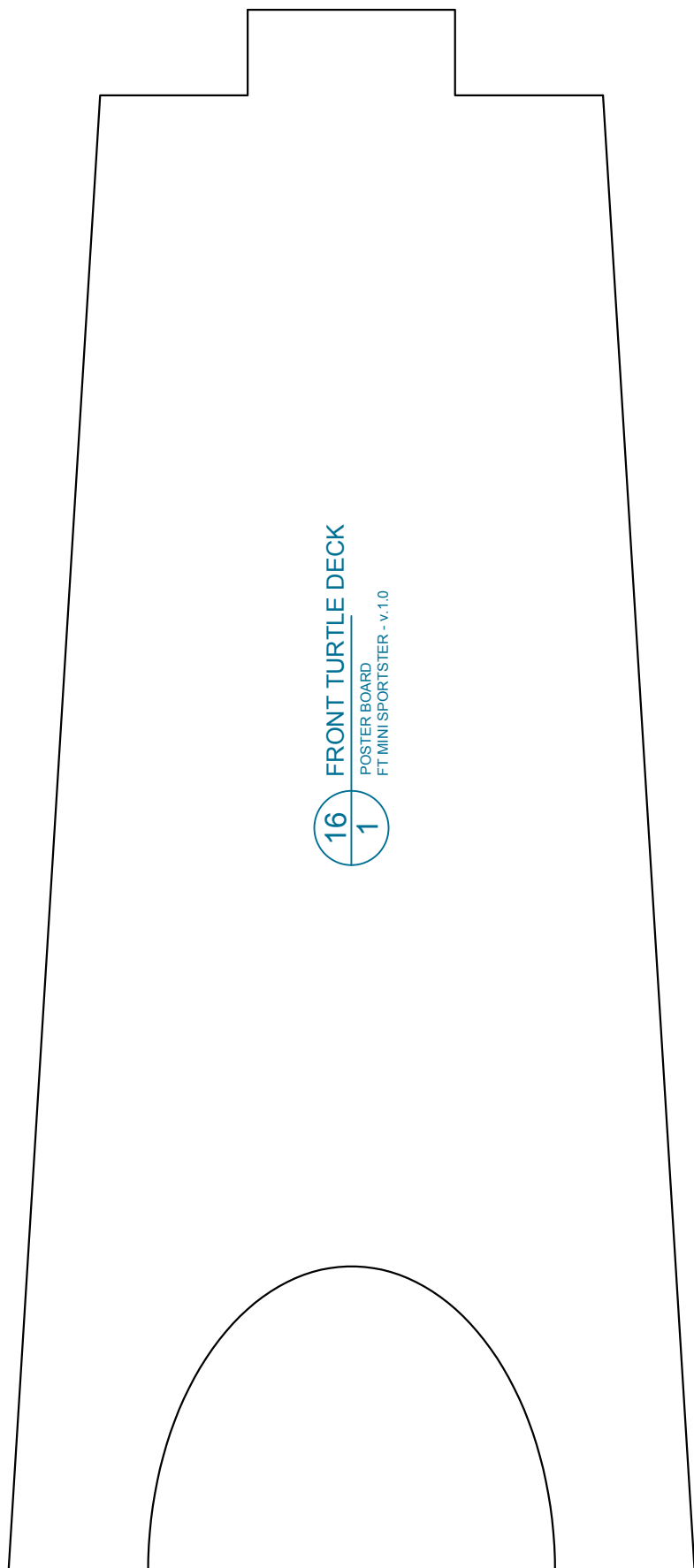
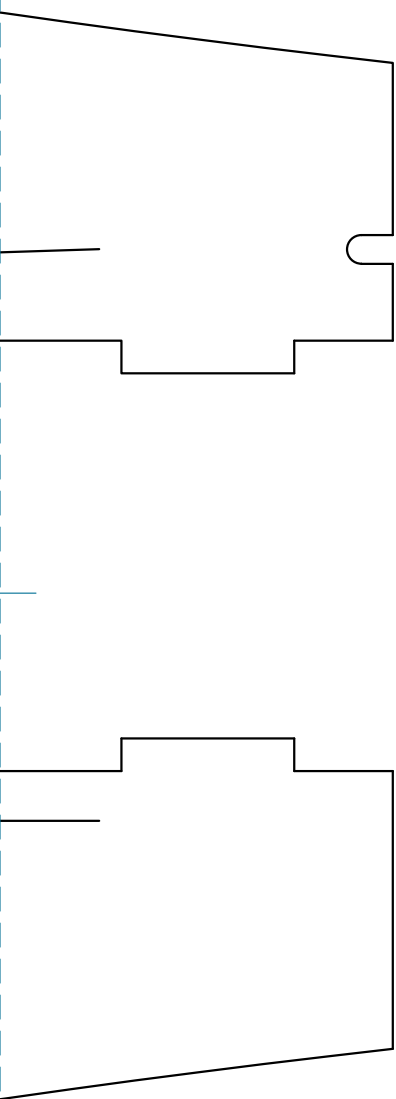


01
1

FUSELAGE

FOAM BOARD
FT MINI SPORTSTER - v.1.0





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