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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 <sup>2</sup>     | 8.8 dm <sup>2</sup>    |
| DRY WEIGHT         |     | 7.2 oz                  | 204 g                  |
| ALL UP WEIGHT      | AUW | 9.5 oz                  | 270 g                  |
| WING LOADING       | WL  | 10.0 oz/ft <sup>2</sup> | 30.6 g/dm <sup>2</sup> |
| WING CUBIC LOADING | WCL | 10.3                    |                        |

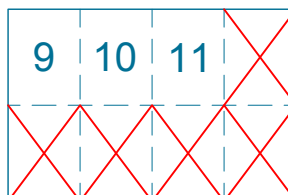
## RECOMMENDED SETTINGS

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

## SHEET & TILE KEY

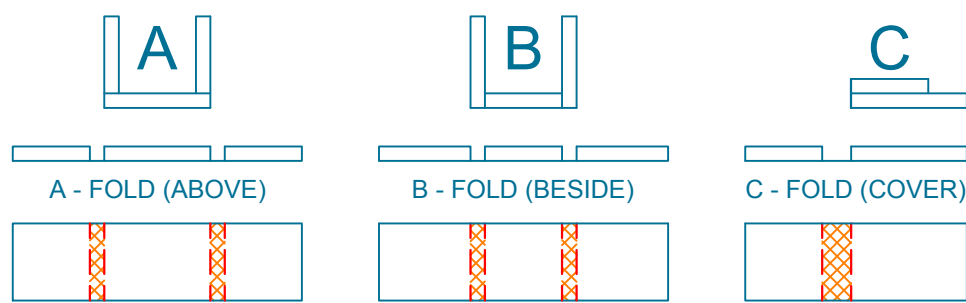


|   |   |   |   |
|---|---|---|---|
| 1 | 2 | 3 | 4 |
| 5 | 6 | 7 | 8 |

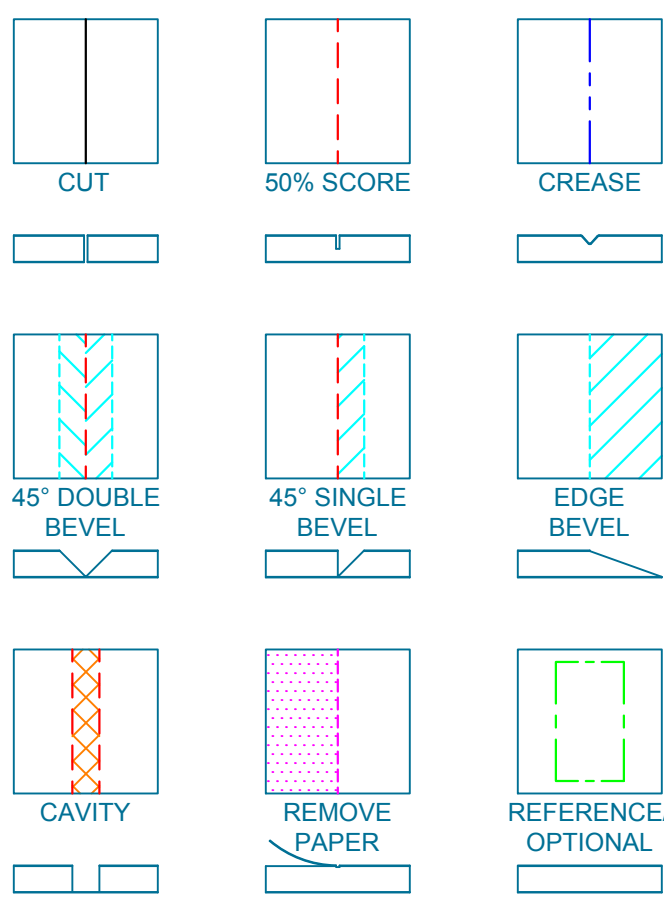


# DRAWING KEY

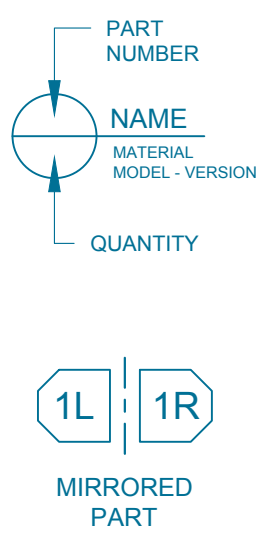
## FOLD TYPES

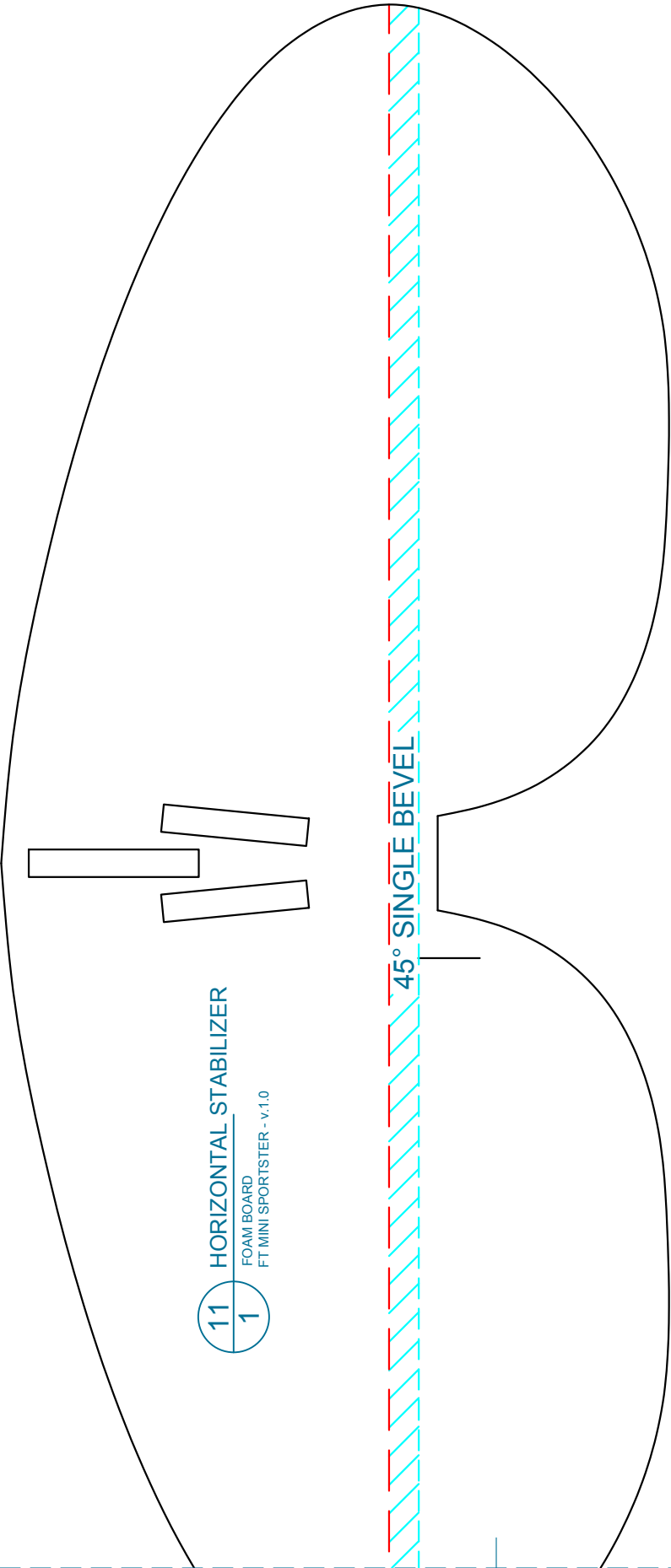


## LINE TYPE/COLOR



## SYMBOLS

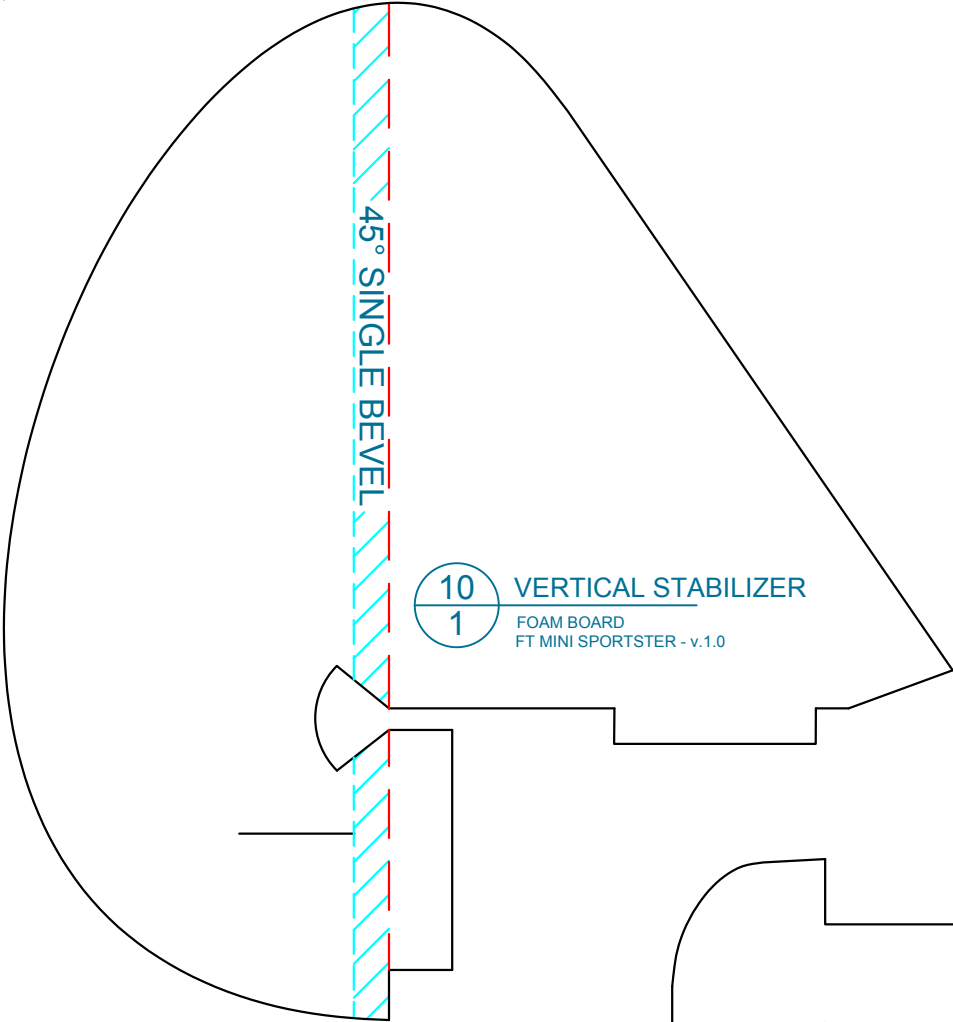




11 HORIZONTAL STABILIZER  
FOAM BOARD  
FT MINI SPORTSTER - v.1.0

45° SINGLE BEVEL

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



10  
1

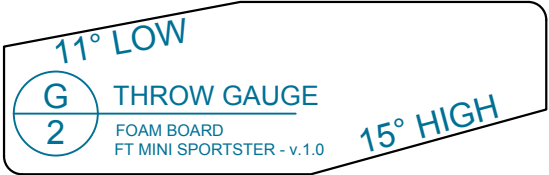
VERTICAL STABILIZER

FOAM BOARD  
FT MINI SPORTSTER - v.1.0

03  
2

FUSELAGE DOUBLER

FOAM BOARD  
FT MINI SPORTSTER - v.1.0

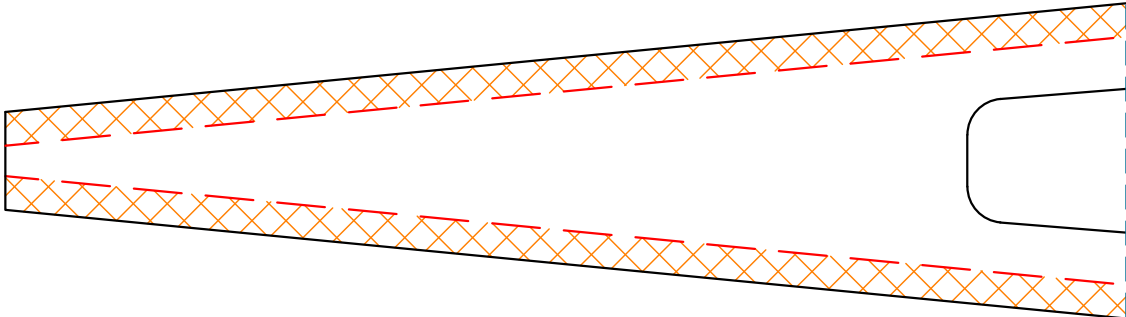


G  
2

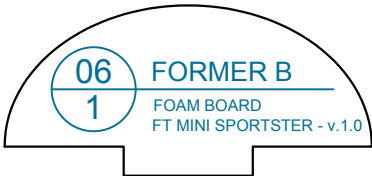
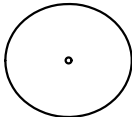
THROW GAUGE

FOAM BOARD  
FT MINI SPORTSTER - v.1.0

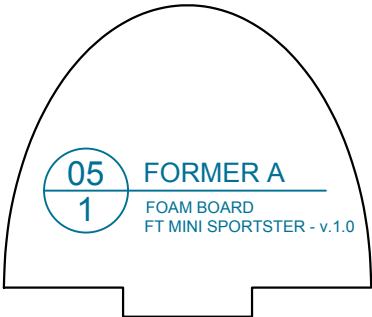
15° HIGH



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

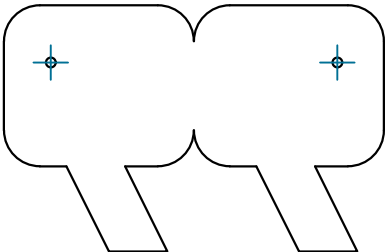


06 FORMER B  
1 FOAM BOARD  
FT MINI SPORTSTER - v.1.0

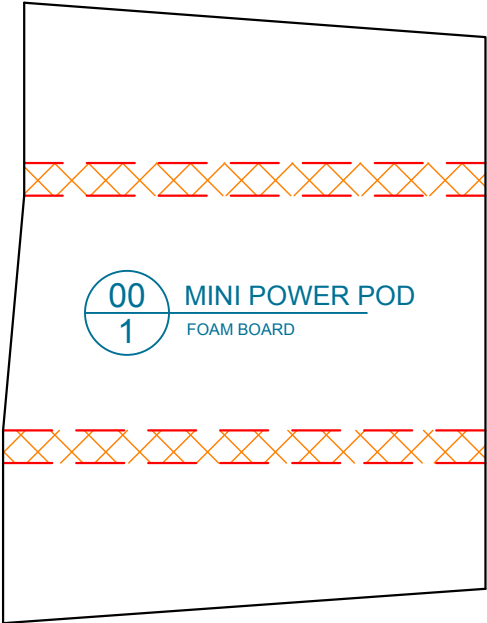
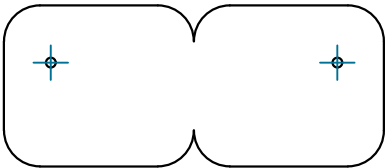


05 FORMER A  
1 FOAM BOARD  
FT MINI SPORTSTER - v.1.0

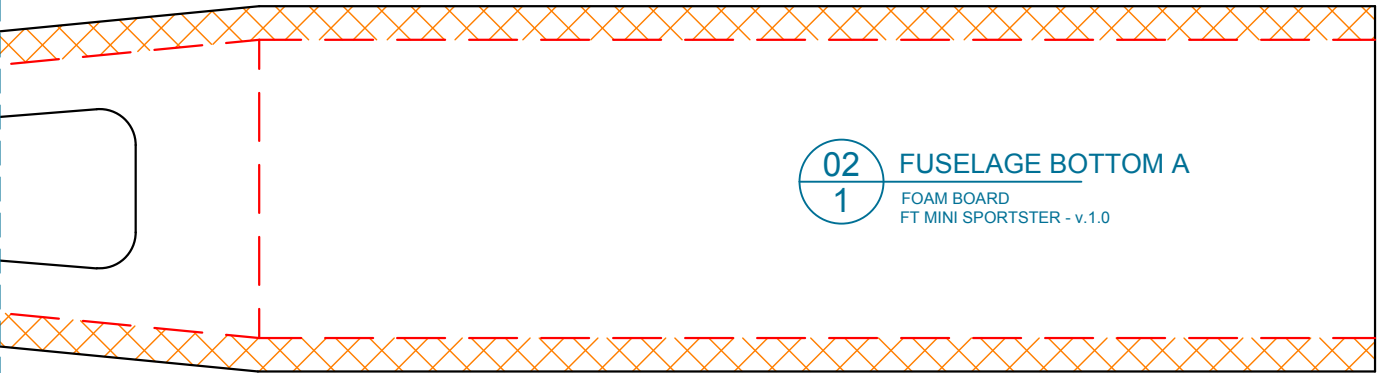
08 EXHAUST STACK  
2 FOAM BOARD  
FT MINI SPORTSTER - v.1.0



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



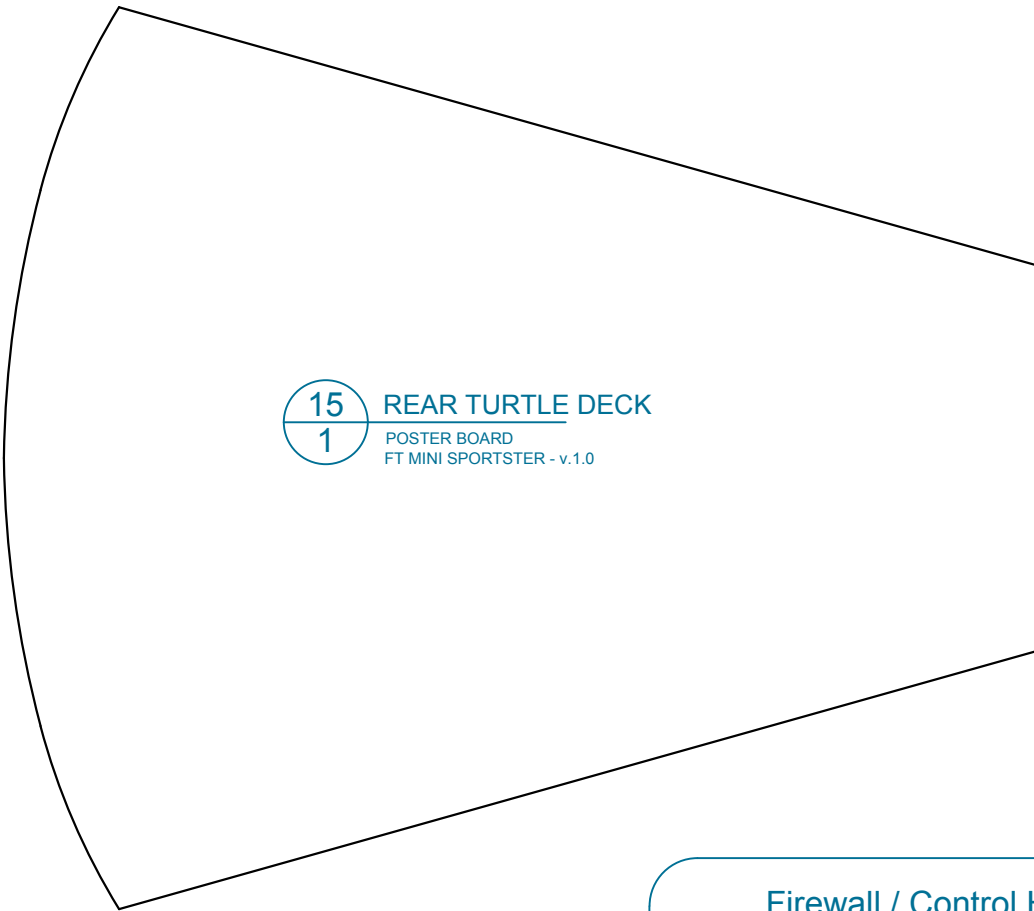
00 MINI POWER POD  
1 FOAM BOARD



02  
1

## FUSELAGE BOTTOM A

FOAM BOARD  
FT MINI SPORTSTER - v.1.0

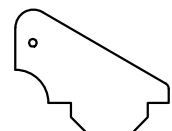
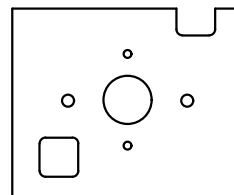


15  
1

## REAR TURTLE DECK

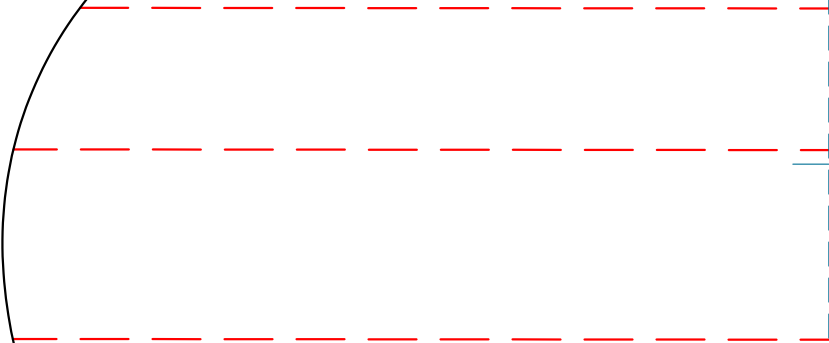
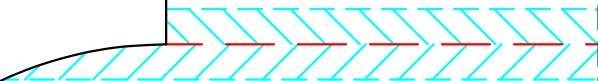
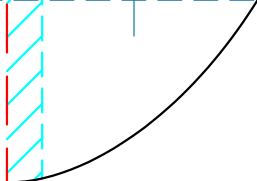
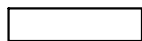
POSTER BOARD  
FT MINI SPORTSTER - v.1.0

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



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

B





45° DOUBLE BEVEL



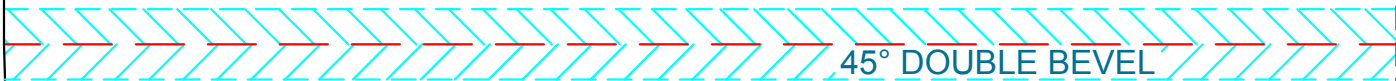
LEFT WING

FOAM BOARD  
FT MINI SPORTSTER - v.1.0

45° SINGLE BEVEL







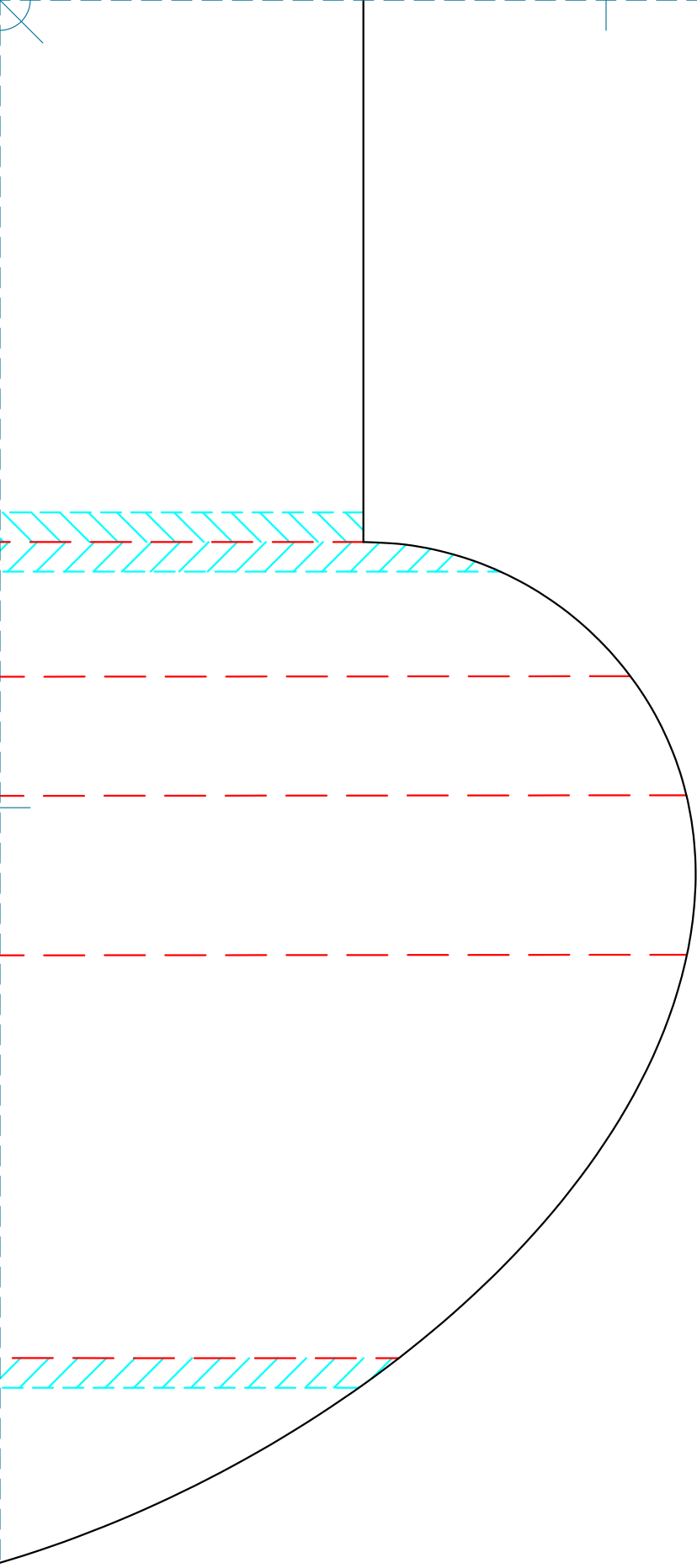
45° DOUBLE BEVEL



RIGHT WING  
FOAM BOARD  
FT MINI SPORTSTER - v.1.0

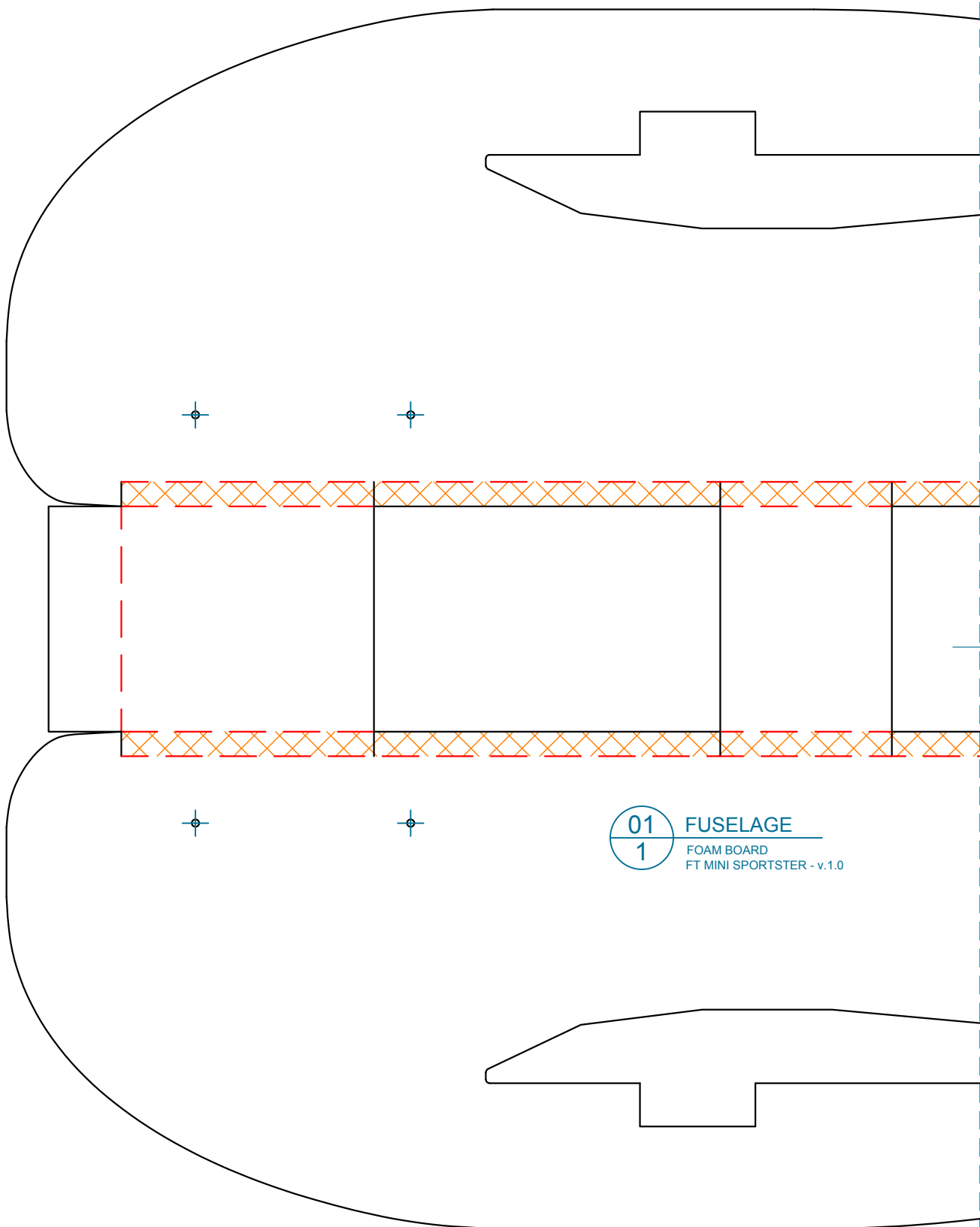


45° SINGLE BEVEL



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

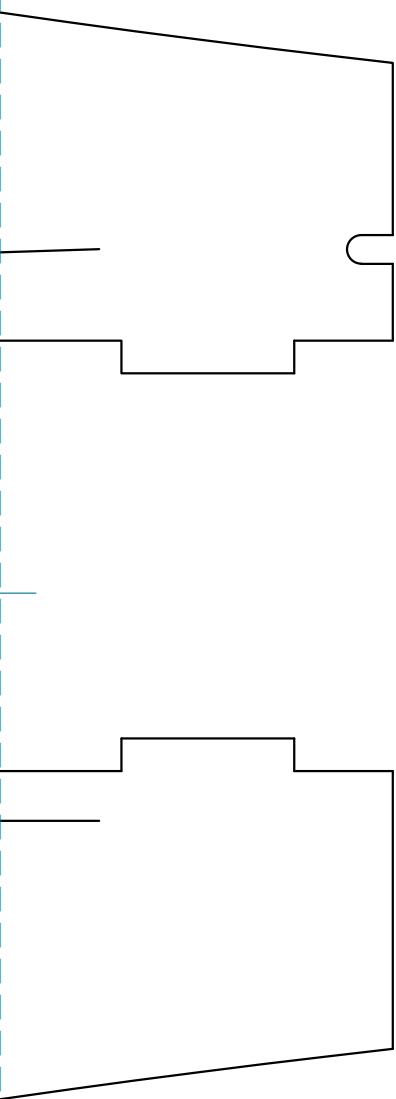




01  
1

FUSELAGE  
FOAM BOARD  
FT MINI SPORTSTER - v.1.0





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