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FT Mini Bravo

Designed By: Cody Thompson
 Drawing By: Dan Sponholz



SPECIFICATIONS

| DESCRIPTION | | IMPERIAL | METRIC |
|-------------------------------|-----|-------------------------|------------------------|
| LENGTH | | 27.3 in | 692.2 mm |
| CENTER OF GRAVITY (FROM NOSE) | CG | 14 in | 355 mm |
| WING SPAN | | 24 in | 609 mm |
| WING AREA | | 143.4 in ² | 9.3 dm ² |
| DRY WEIGHT | | 8.1 oz | 230 g |
| ALL UP WEIGHT | AUW | 10.4 oz | 295 g |
| WING LOADING | WL | 10.4 oz/ft ² | 31.7 g/dm ² |
| WING CUBIC LOADING | WCL | 10.5 | |

RECOMMENDED SETTINGS

| | THROW | EXPO |
|---------|-------|------|
| ELEVONS | 16° | 30% |

Build Skill Level :



Pilot Skill Level :



SHEET & TILE KEY



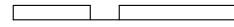
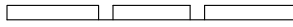
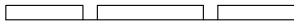
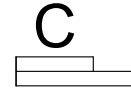
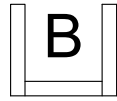
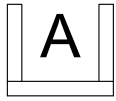
| | | | |
|---|---|---|---|
| 1 | 2 | 3 | 4 |
| 5 | 6 | 7 | 8 |

| | | | |
|----|----|----|----|
| 9 | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 |

| | | | |
|----|----|----|----|
| 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 |

DRAWING KEY

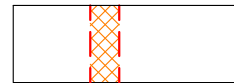
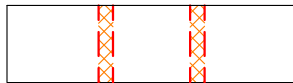
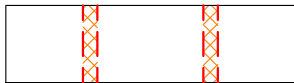
FOLD TYPES



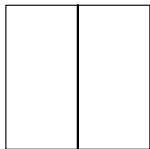
A - FOLD (ABOVE)

B - FOLD (BESIDE)

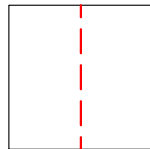
C - FOLD (COVER)



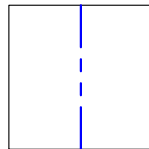
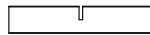
LINE TYPE/COLOR



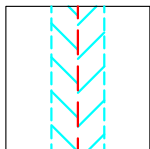
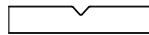
CUT



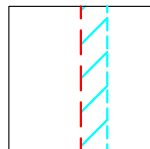
50% SCORE



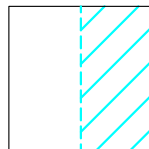
CREASE



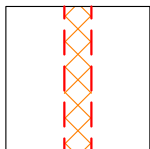
45° DOUBLE BEVEL



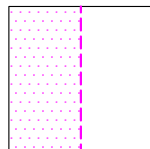
45° SINGLE BEVEL



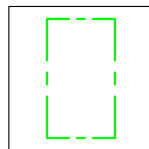
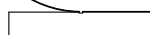
EDGE BEVEL



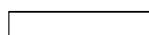
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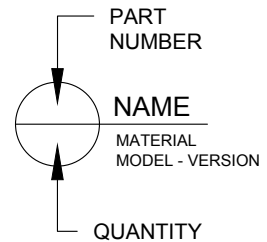
REMOVE PAPER



REFERENCE/
OPTIONAL



SYMBOLS



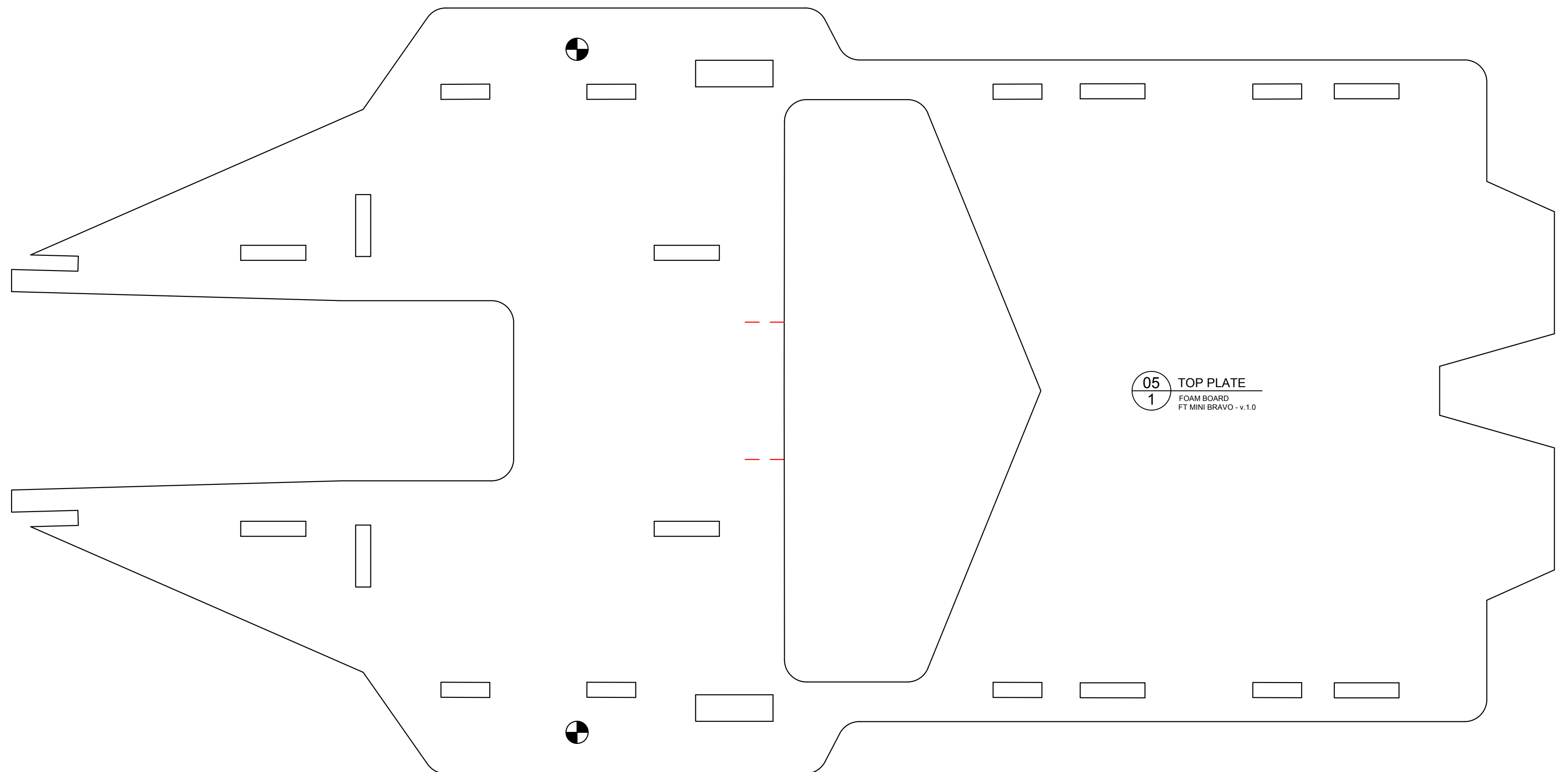
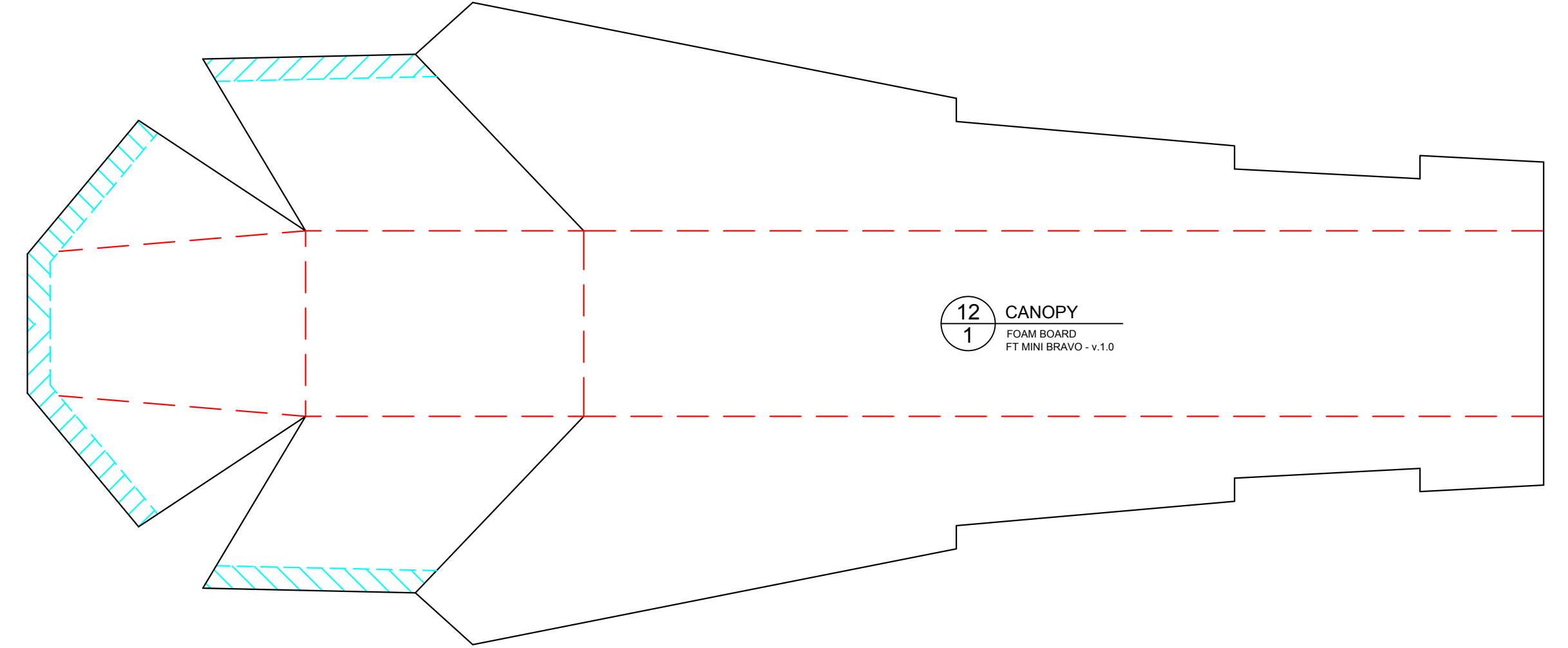
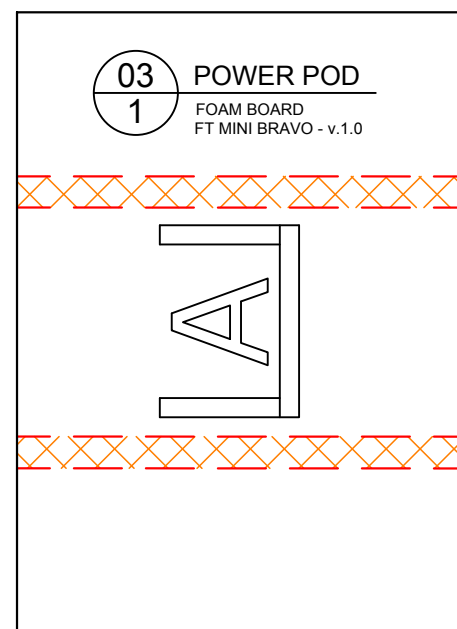
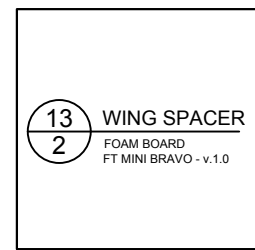
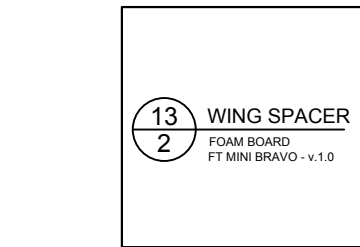
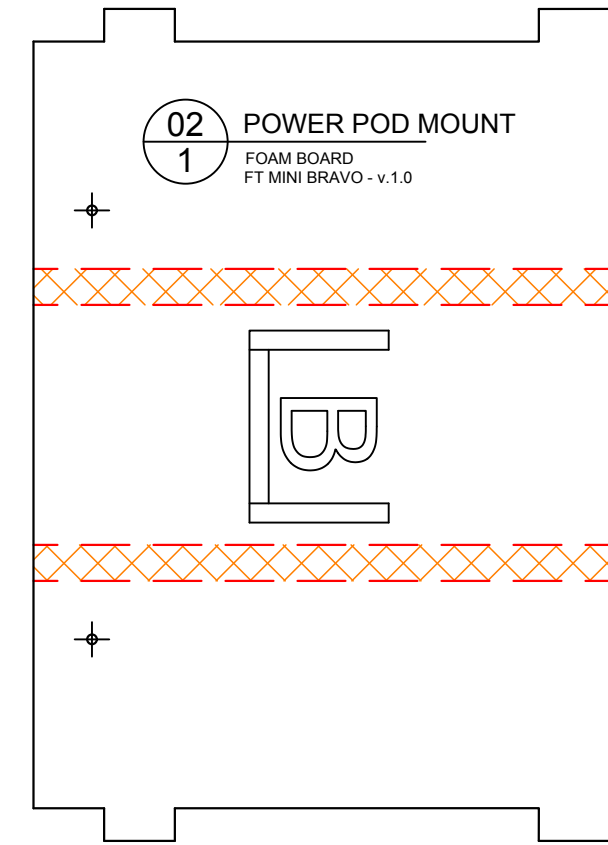
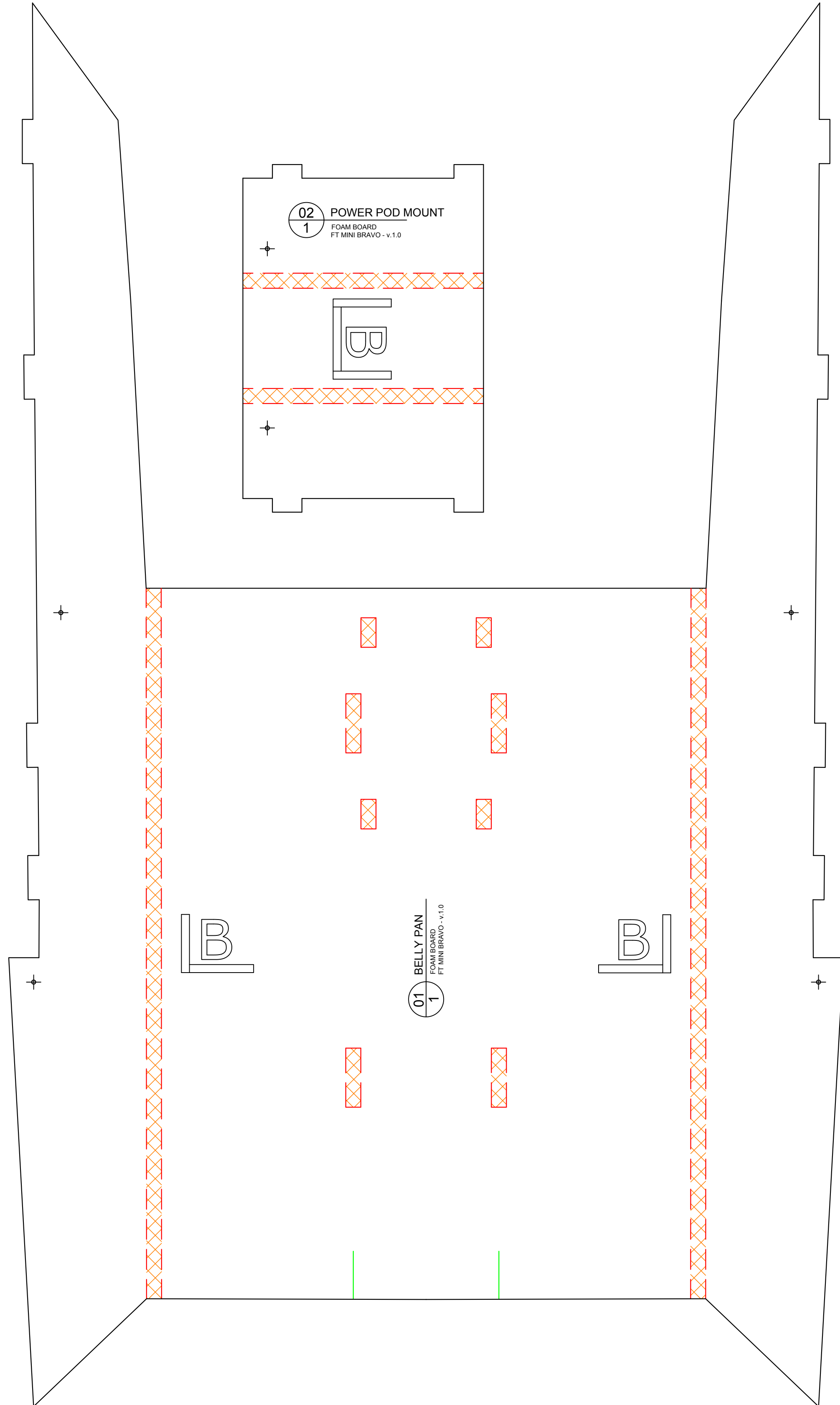
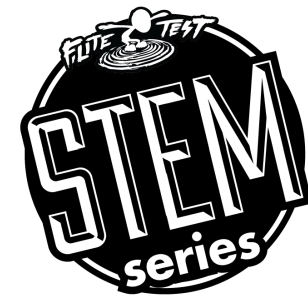
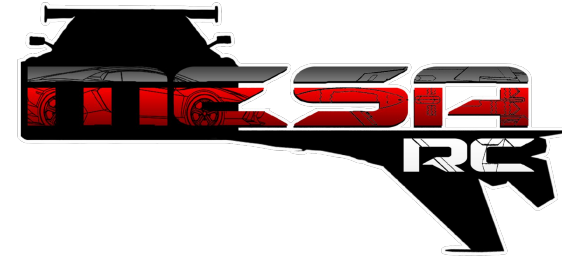
DOWEL HOLE



CENTER OF GRAVITY (CG)

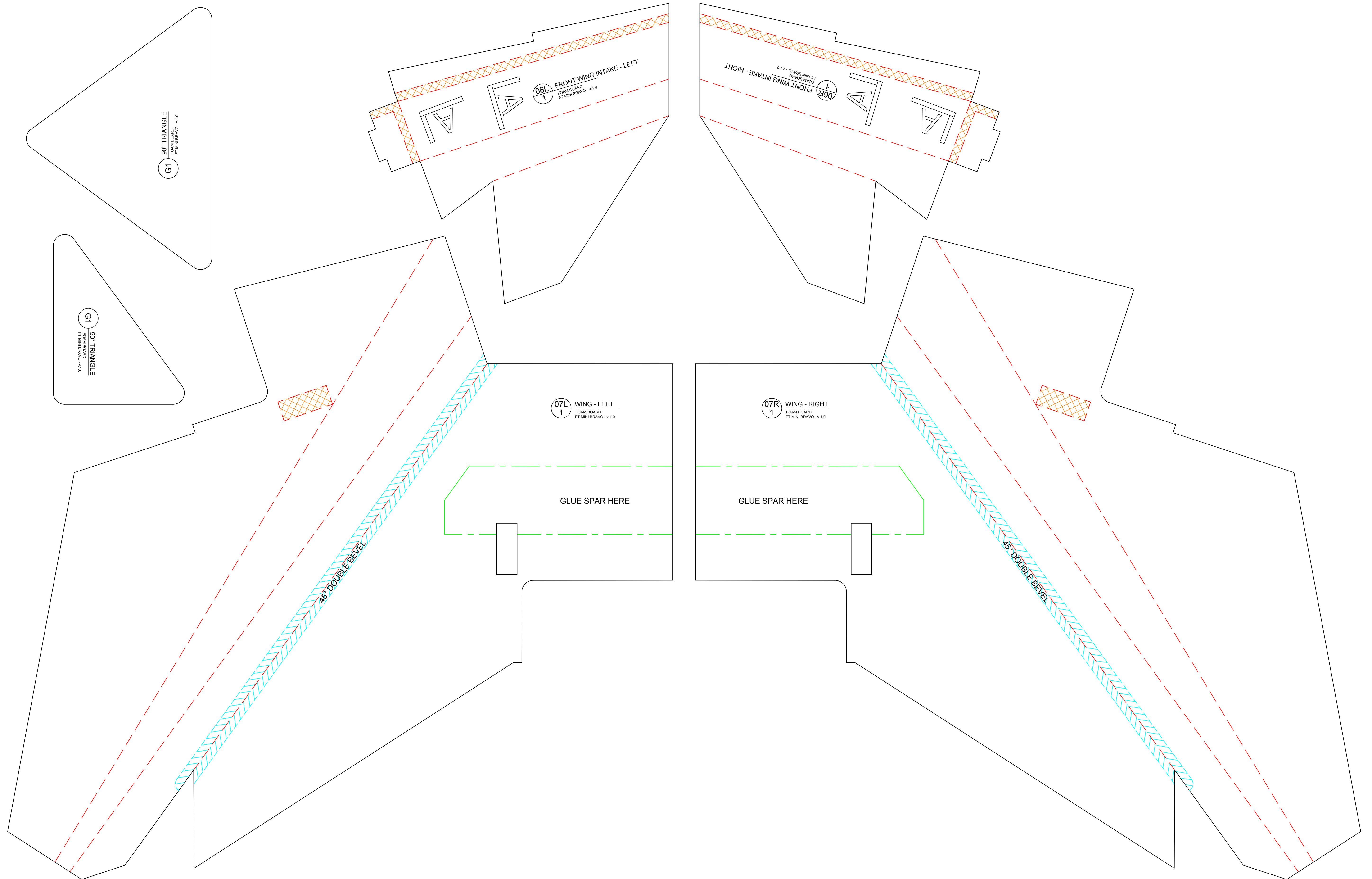
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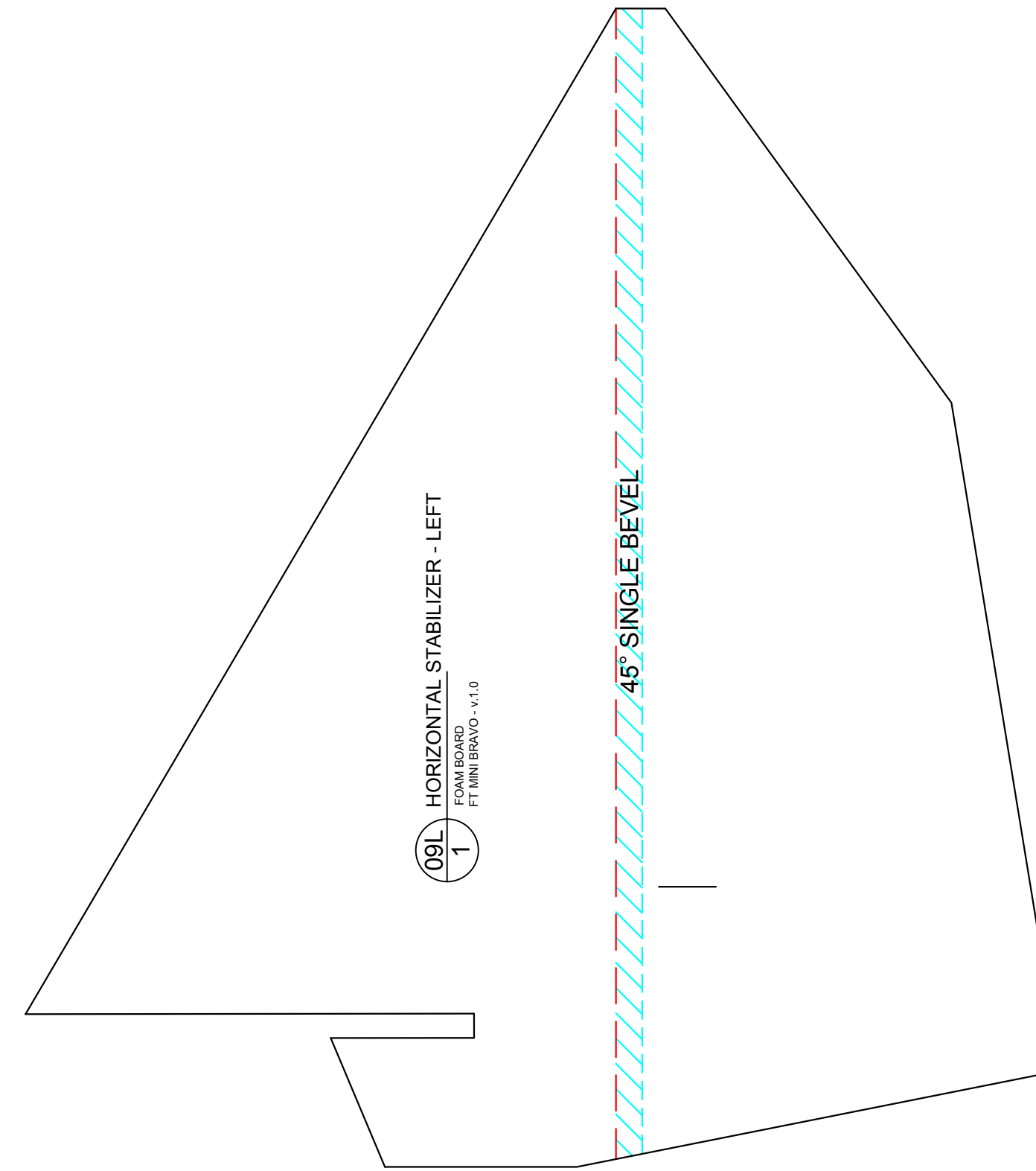
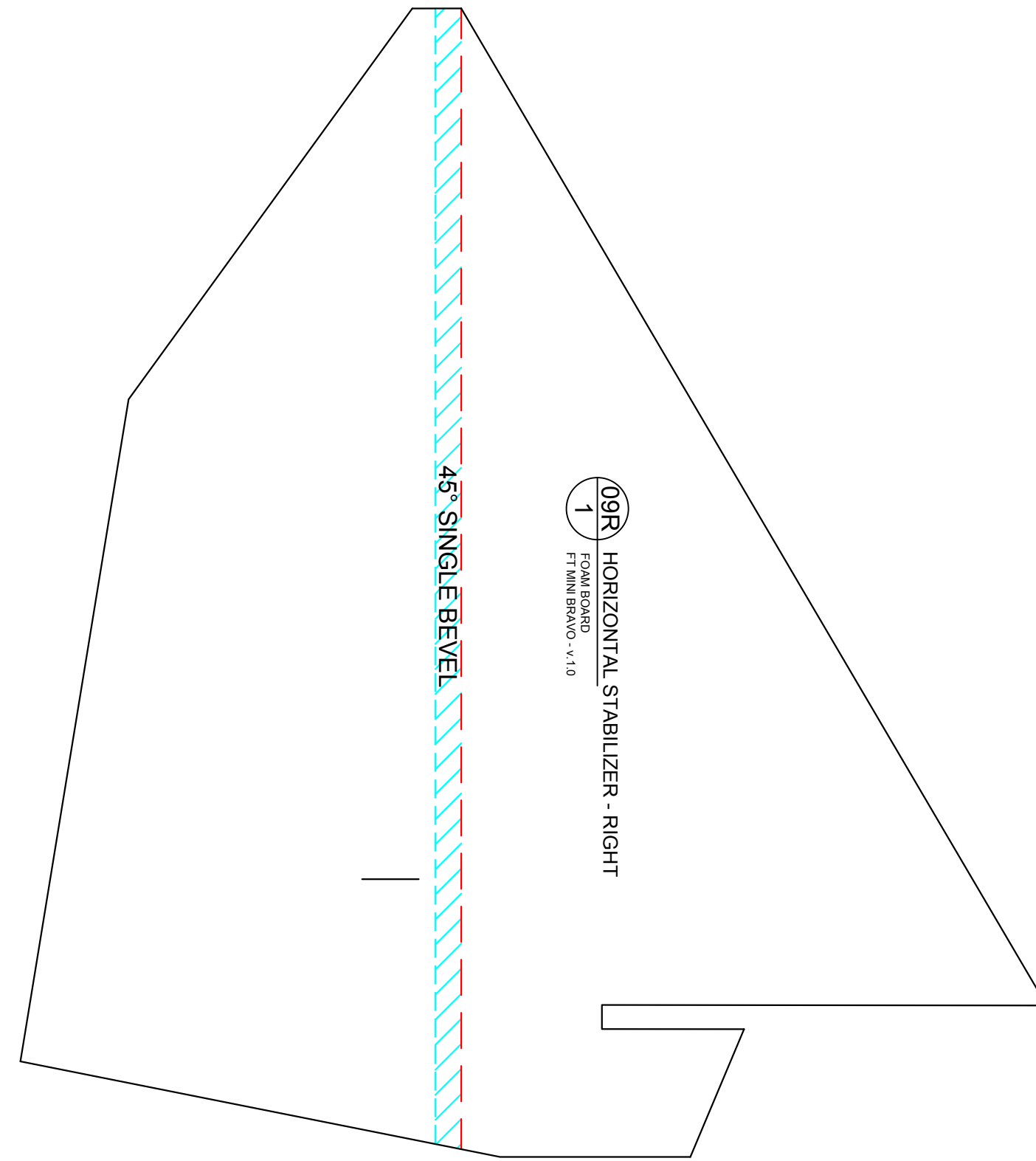
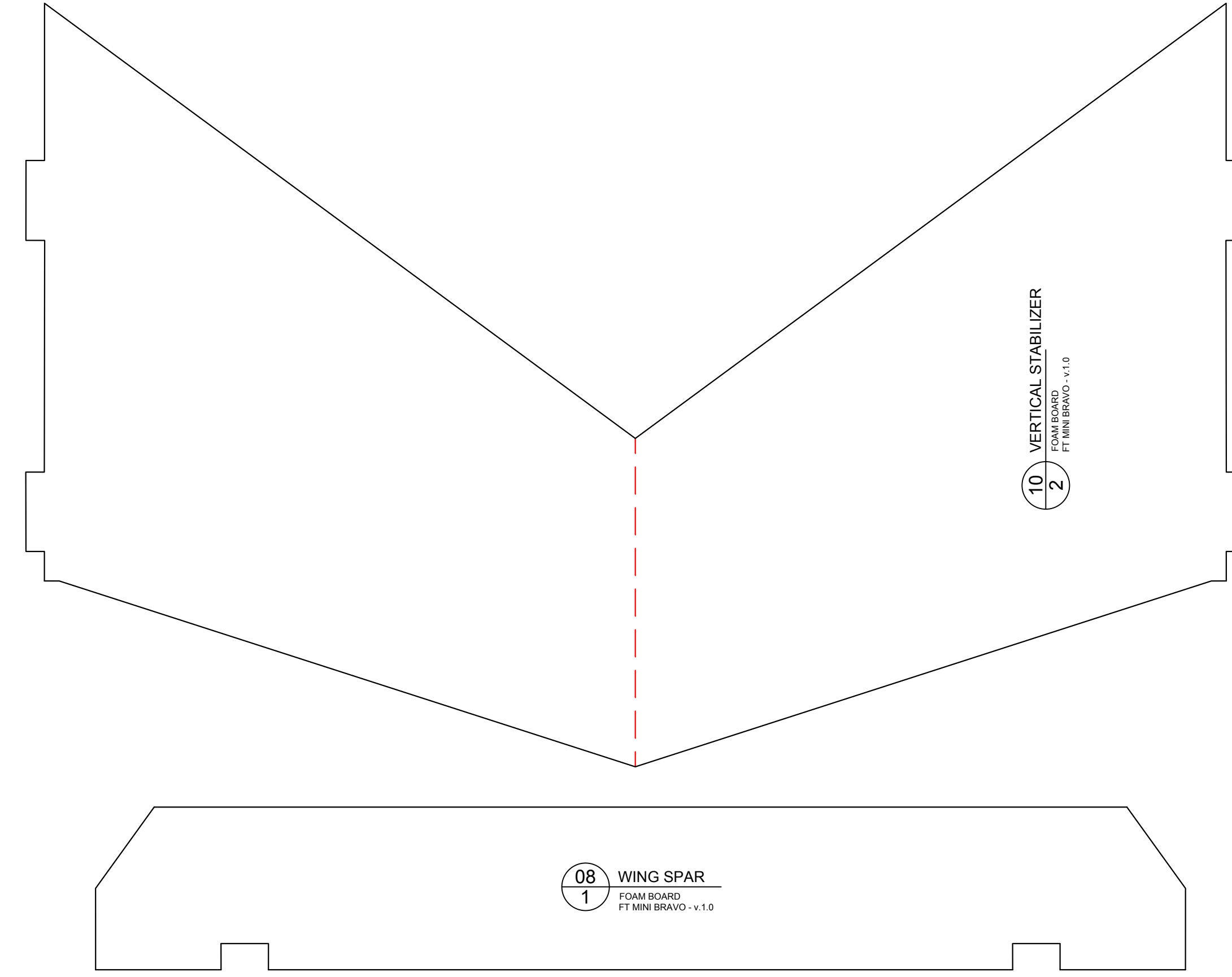
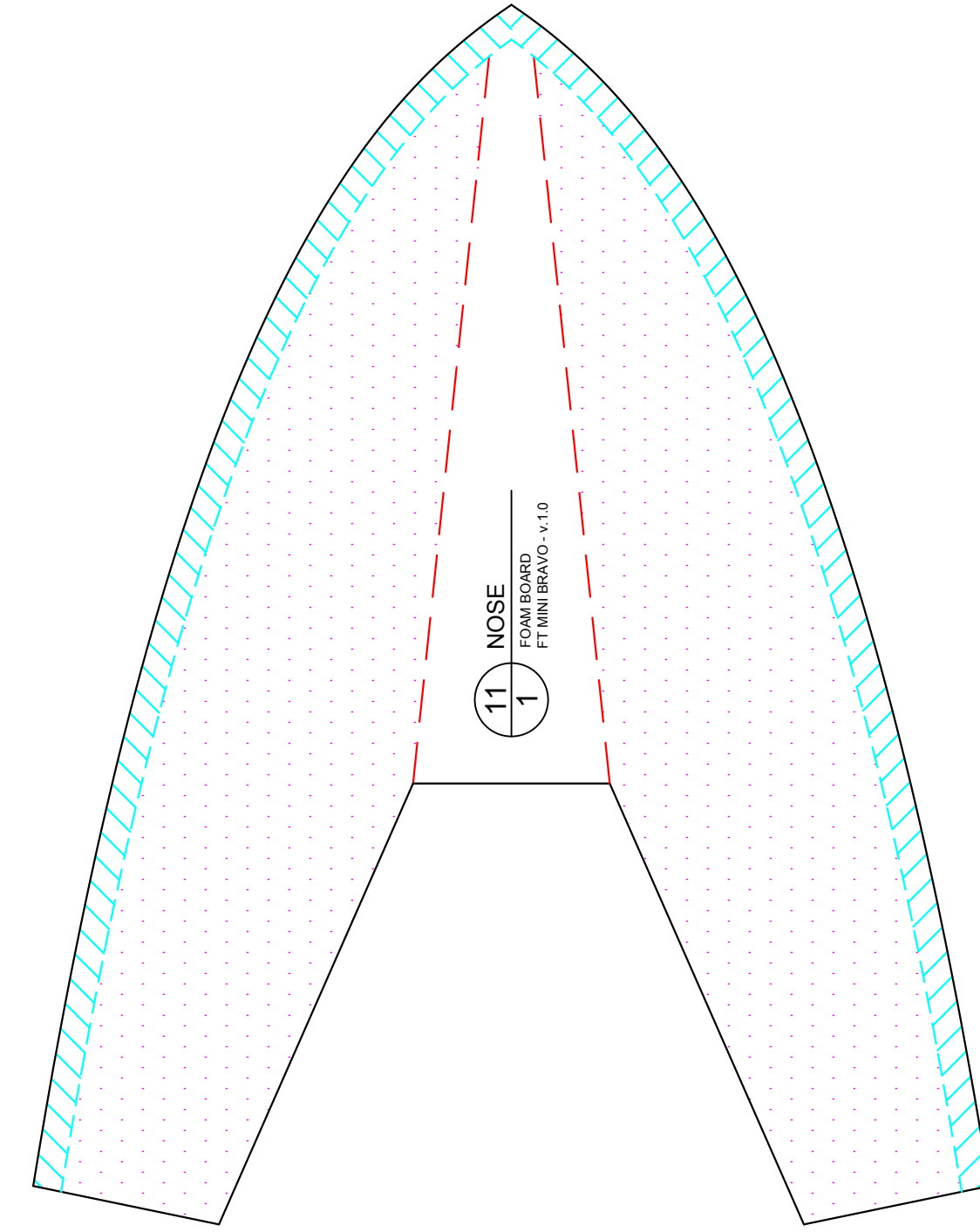
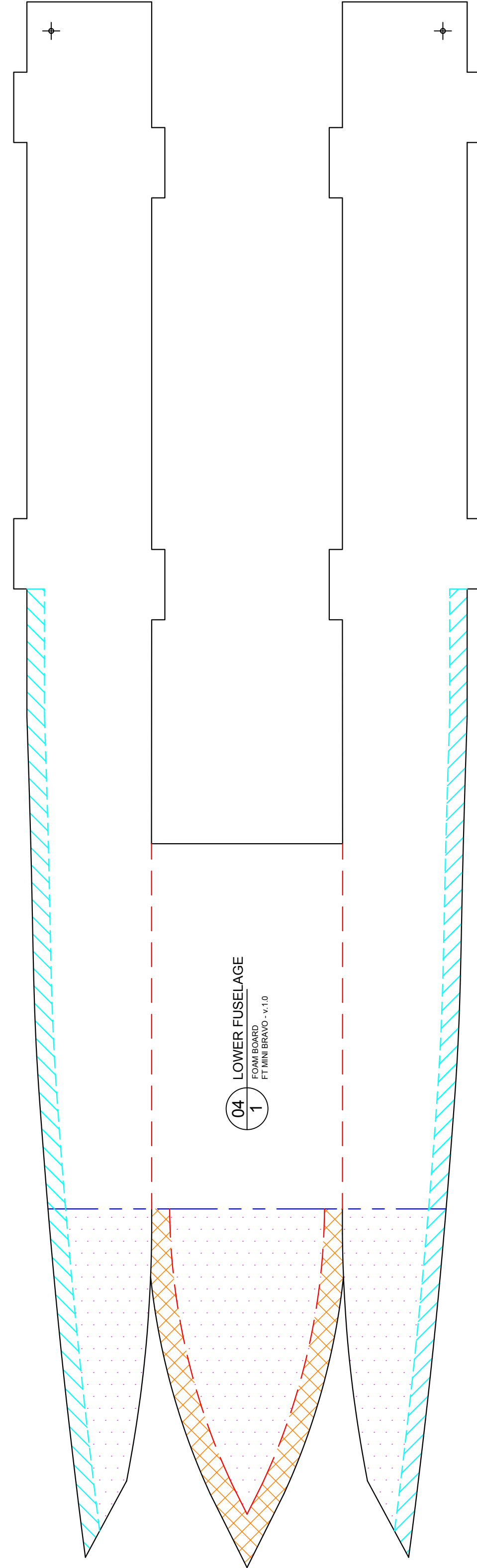
FT Mini Bravo

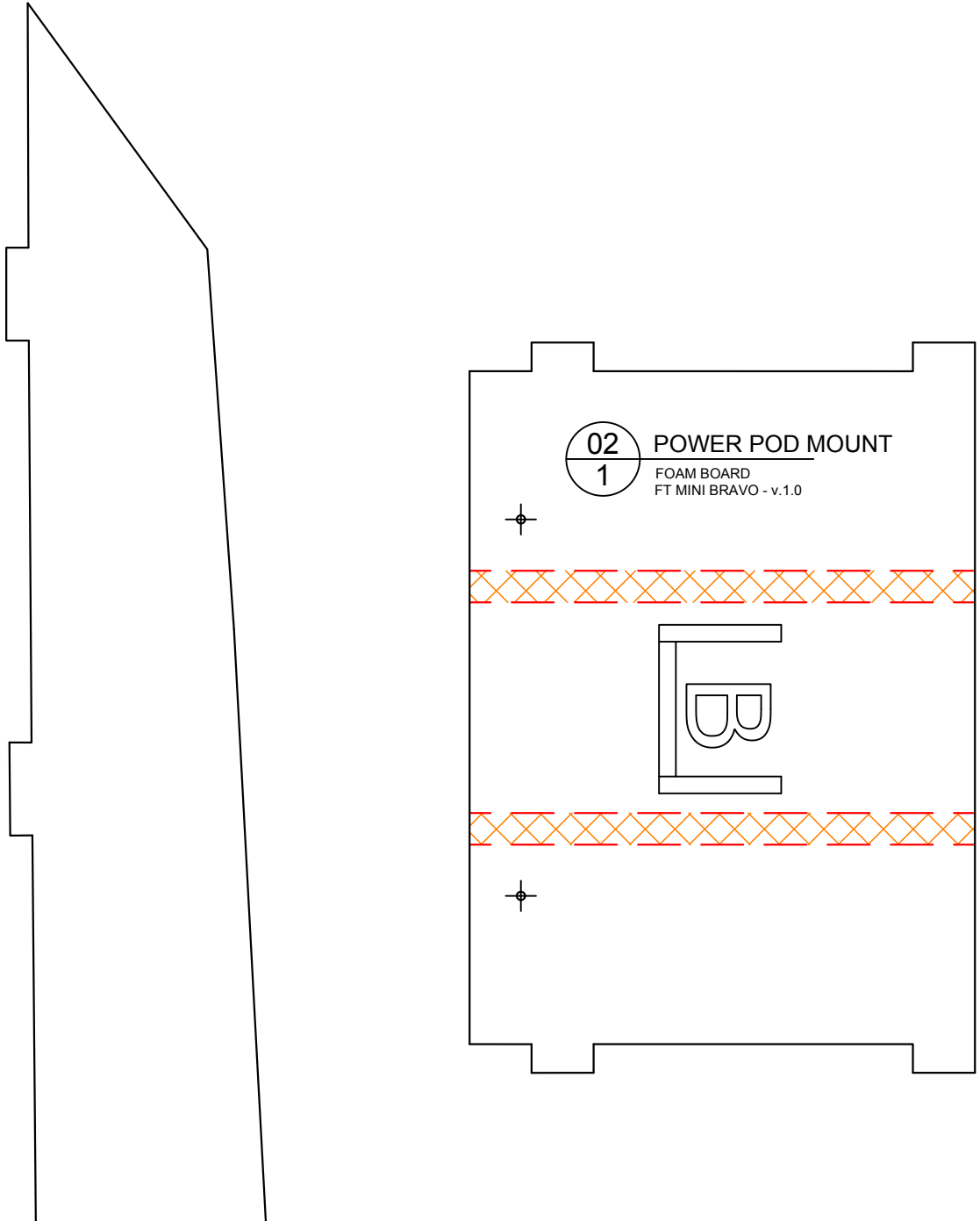
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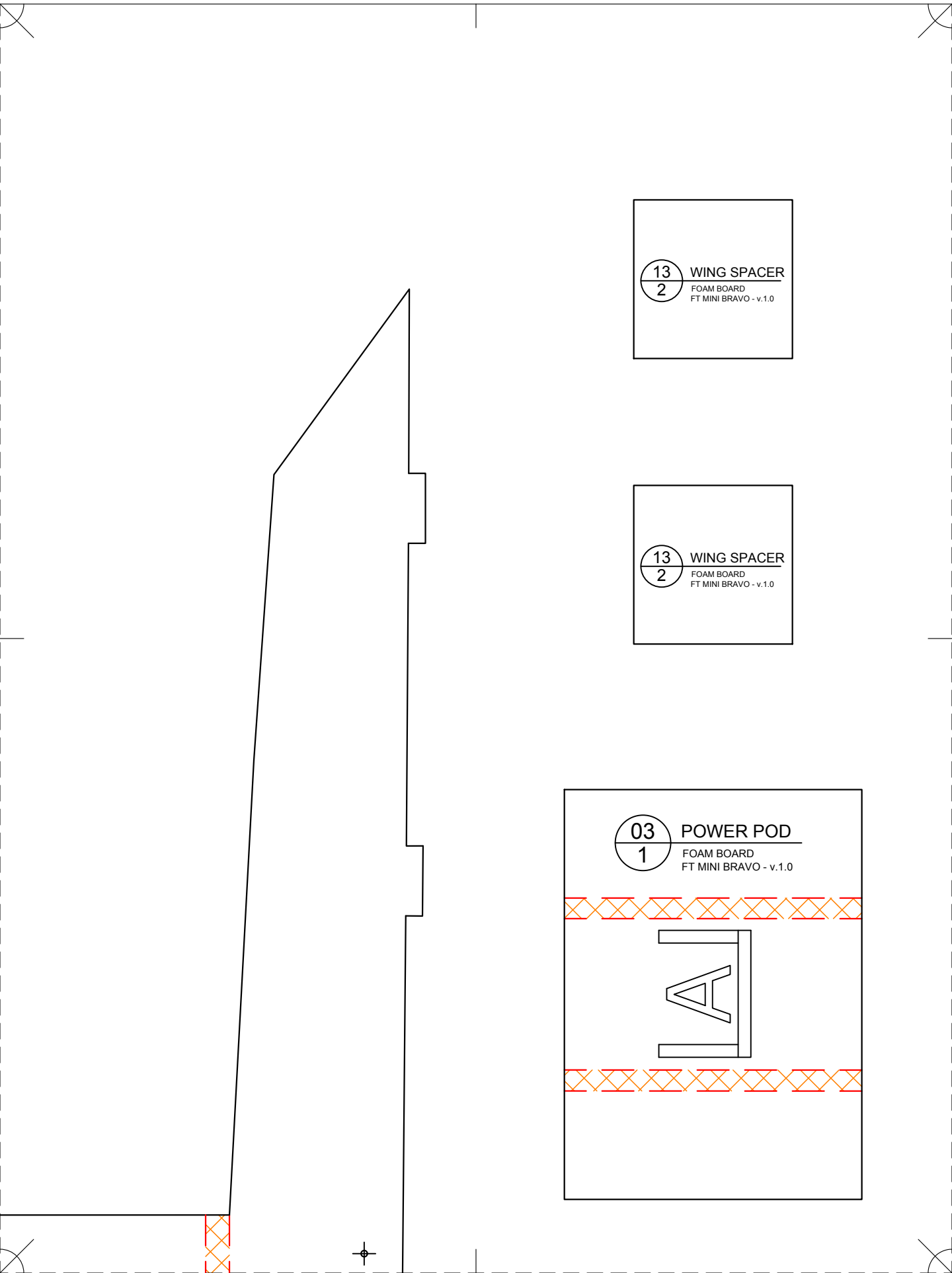


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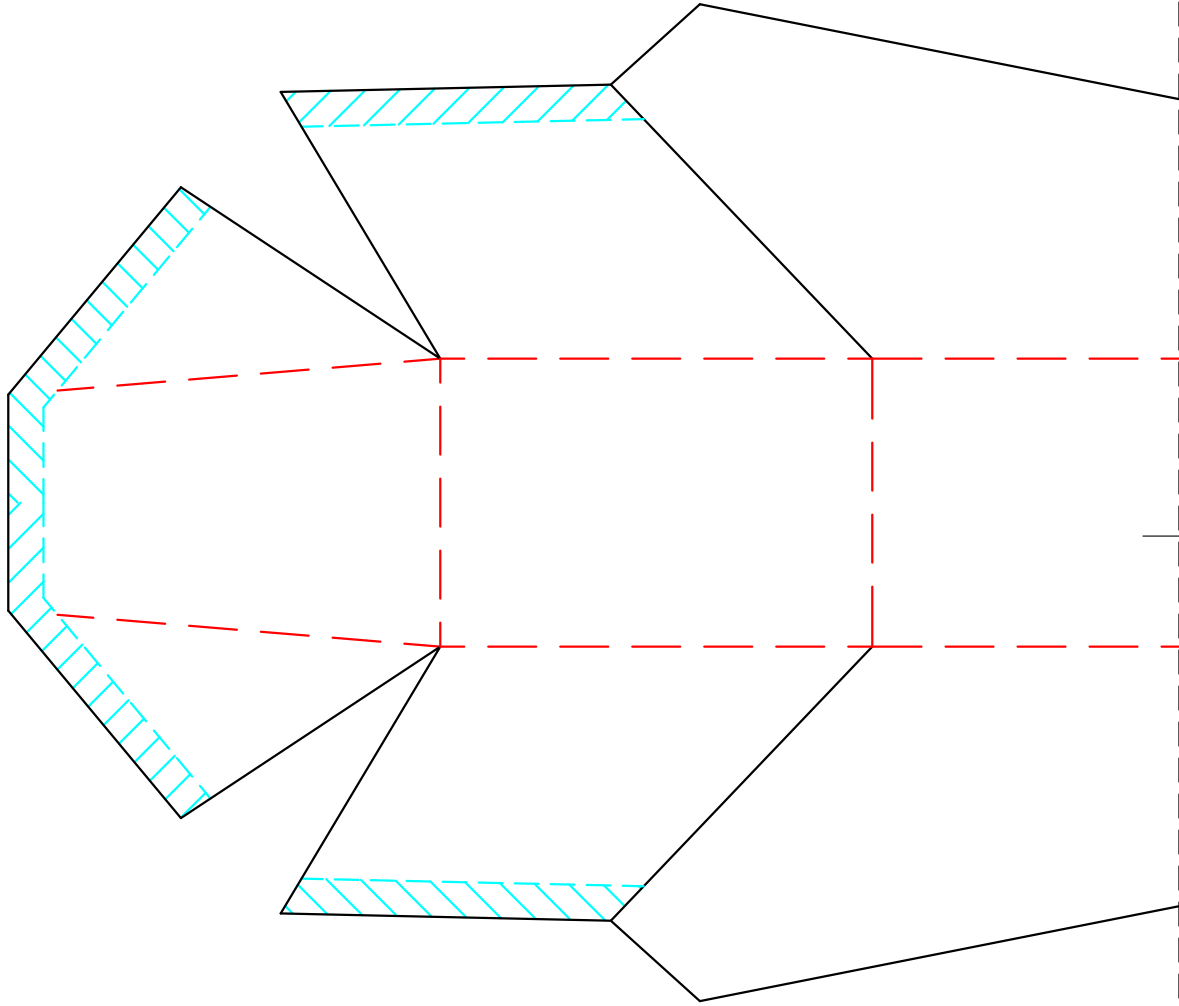


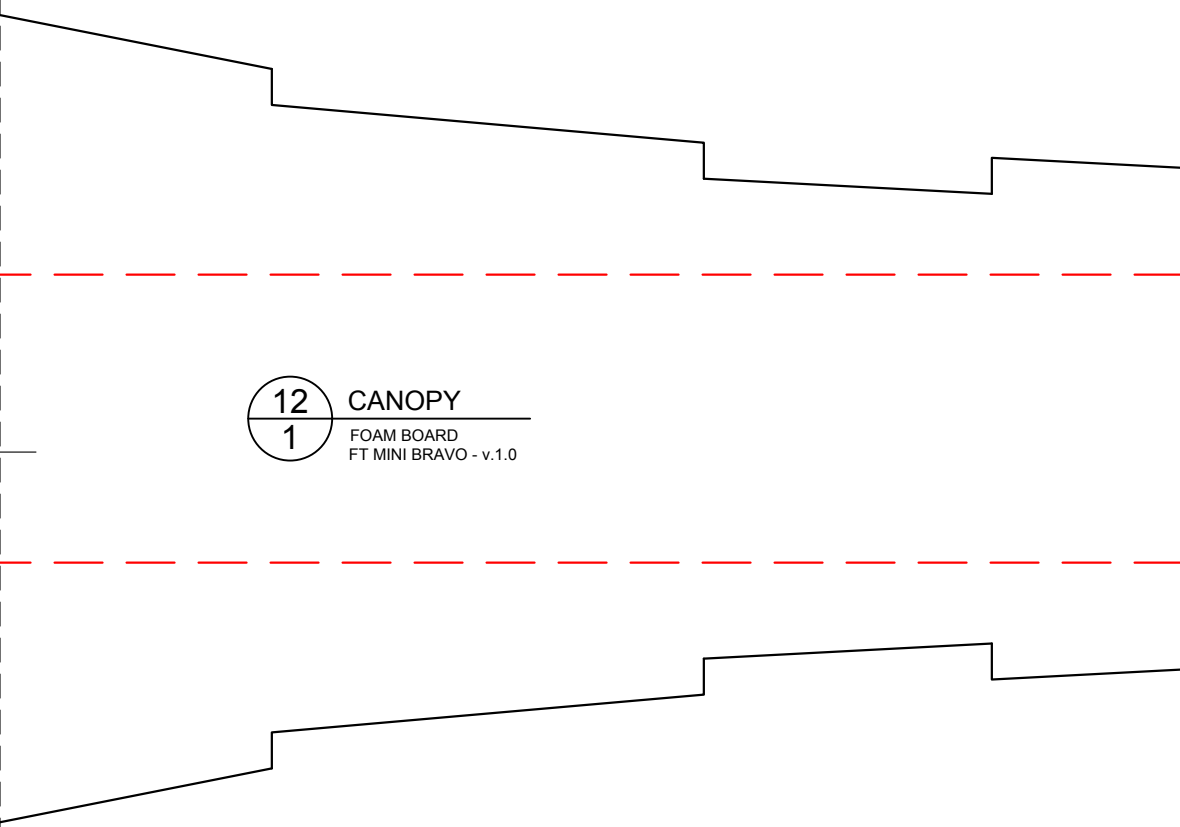
13 WING SPACER
2 FOAM BOARD
FT MINI BRAVO - v.1.0

13 WING SPACER
2 FOAM BOARD
FT MINI BRAVO - v.1.0

03 POWER POD
1 FOAM BOARD
FT MINI BRAVO - v.1.0

The diagram shows a rectangular component labeled 'POWER POD'. It features a central cutout with a triangular shape on the left side. Above and below this cutout are horizontal bands with a red and orange cross-hatched pattern. The component is labeled with '03' in a circle, 'POWER POD', and '1' in a circle, followed by 'FOAM BOARD' and 'FT MINI BRAVO - v.1.0'.





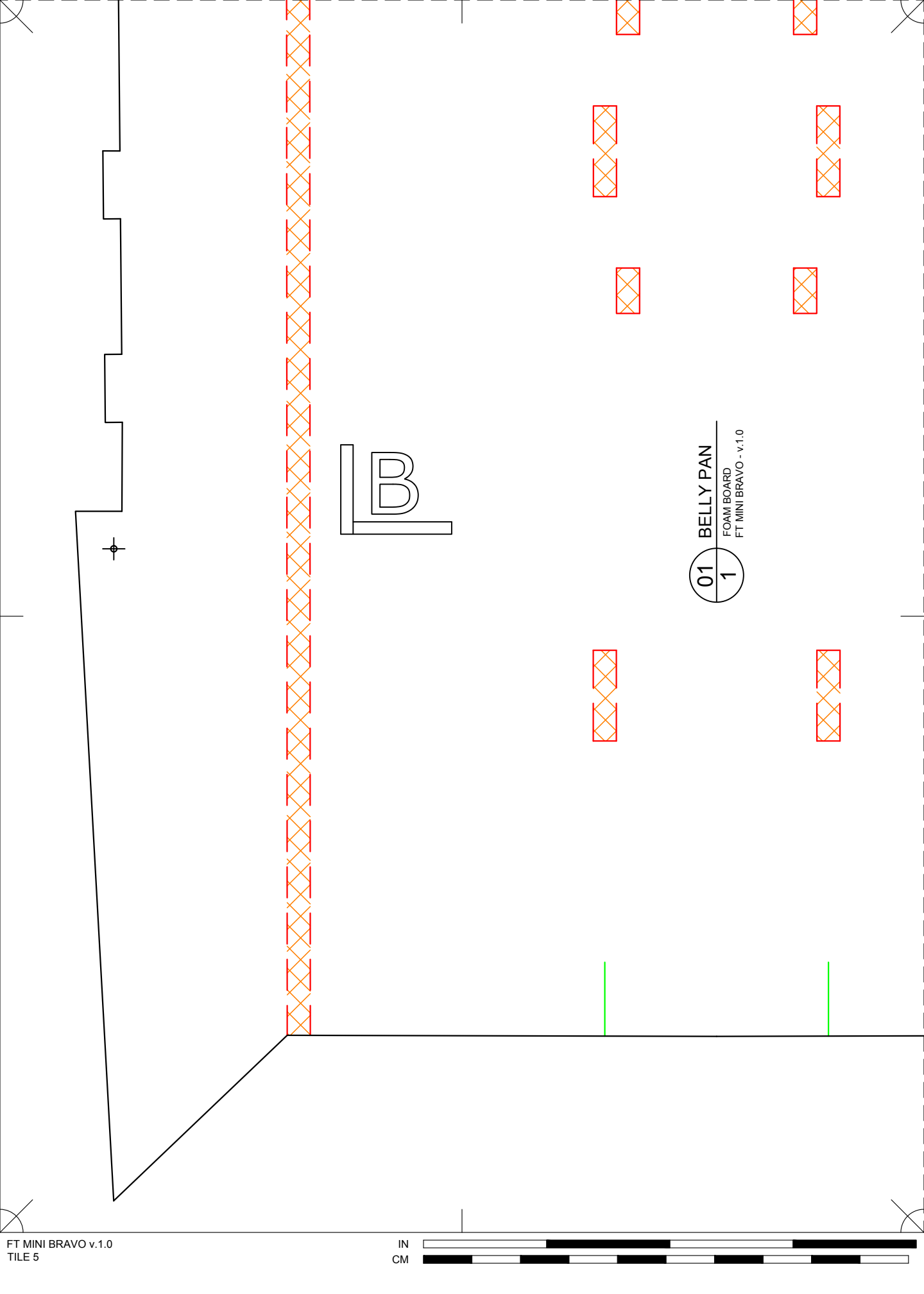
12
1

CANOPY

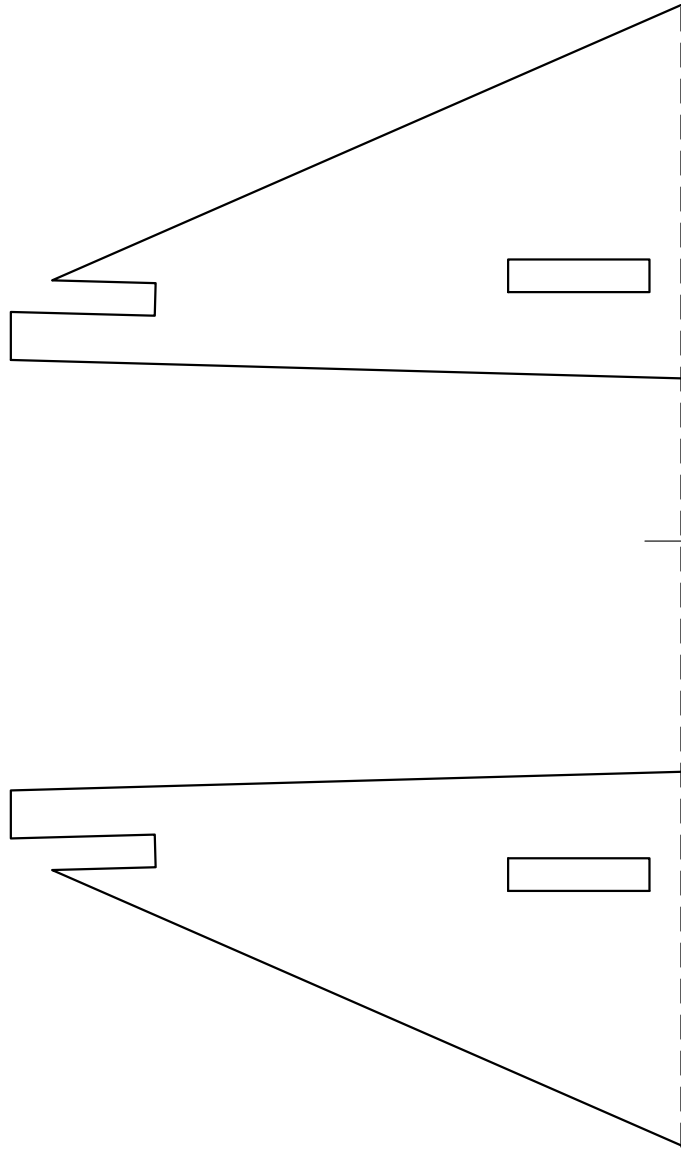
FOAM BOARD
FT MINI BRAVO - v.1.0

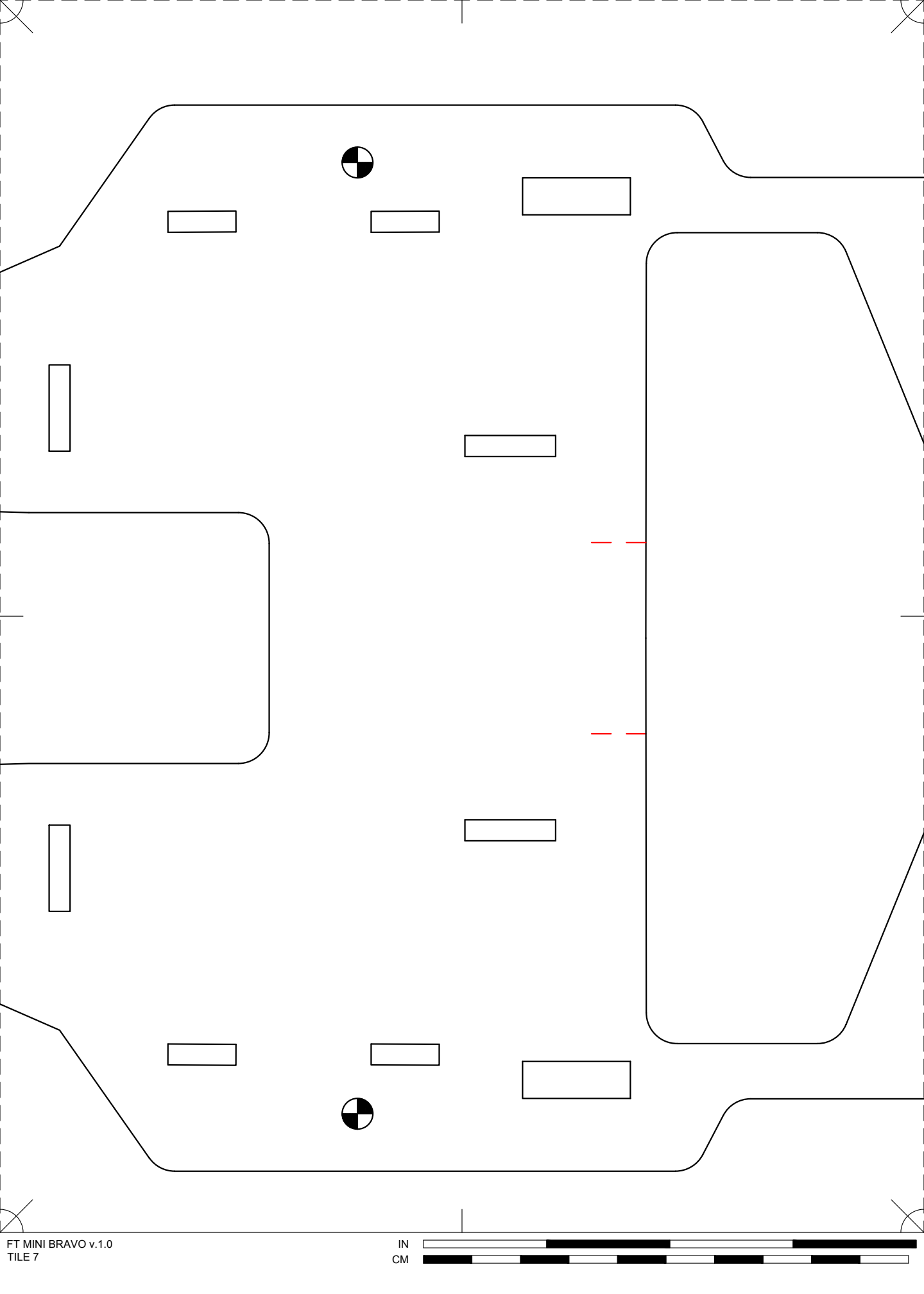
01 BELLY PAN
FOAM BOARD
FT MINI BRAVO - v.1.0

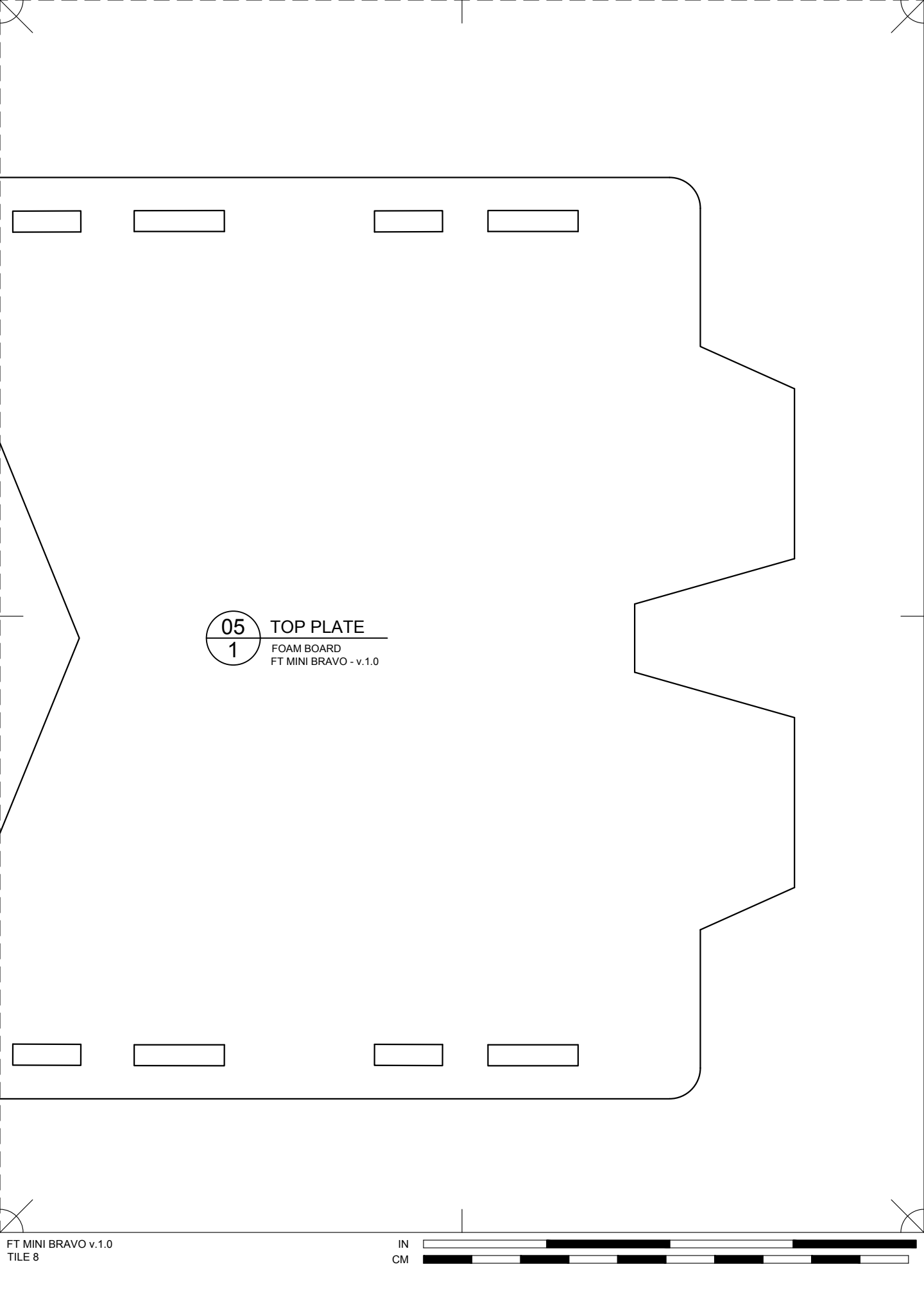
B



B

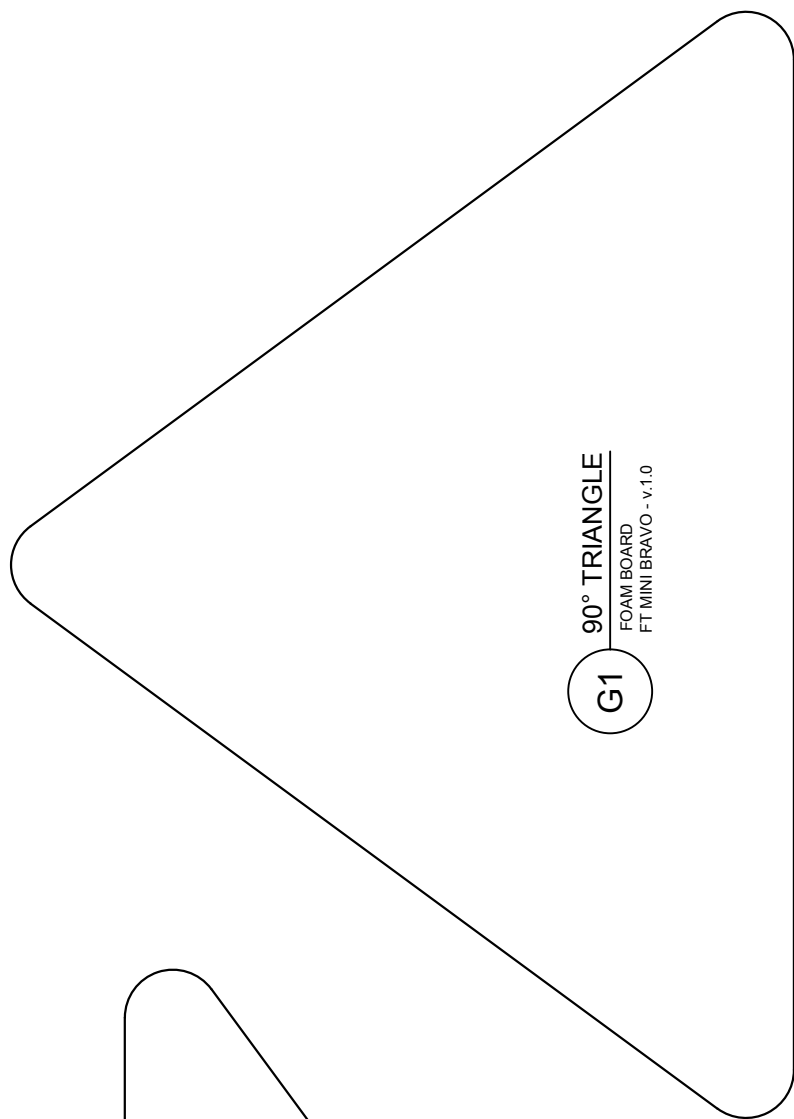




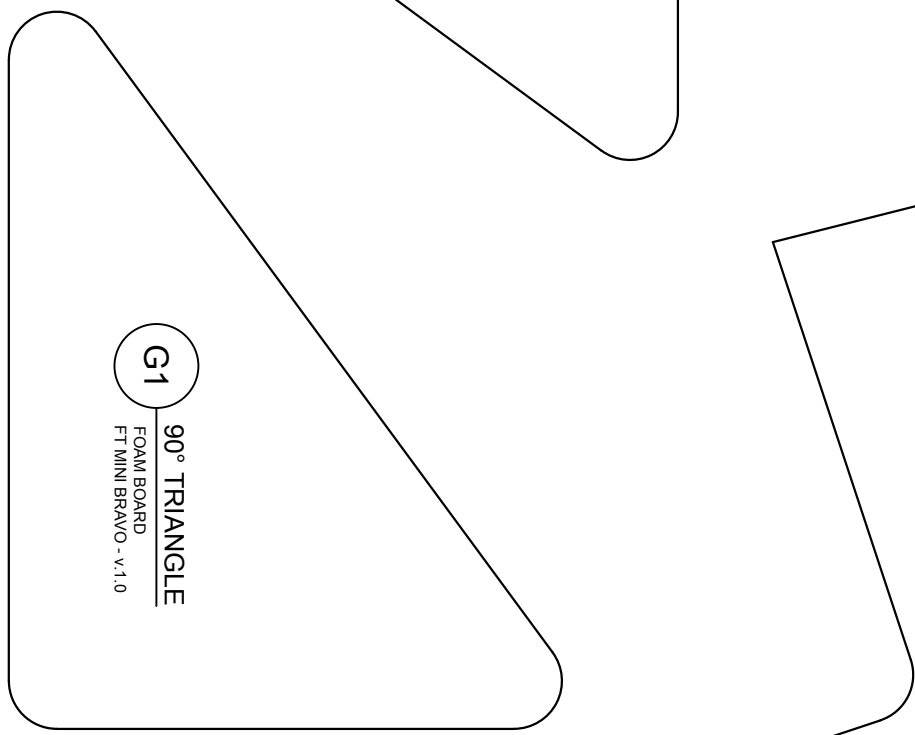


05
1

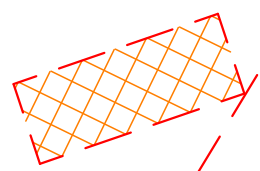
TOP PLATE
FOAM BOARD
FT MINI BRAVO - v.1.0

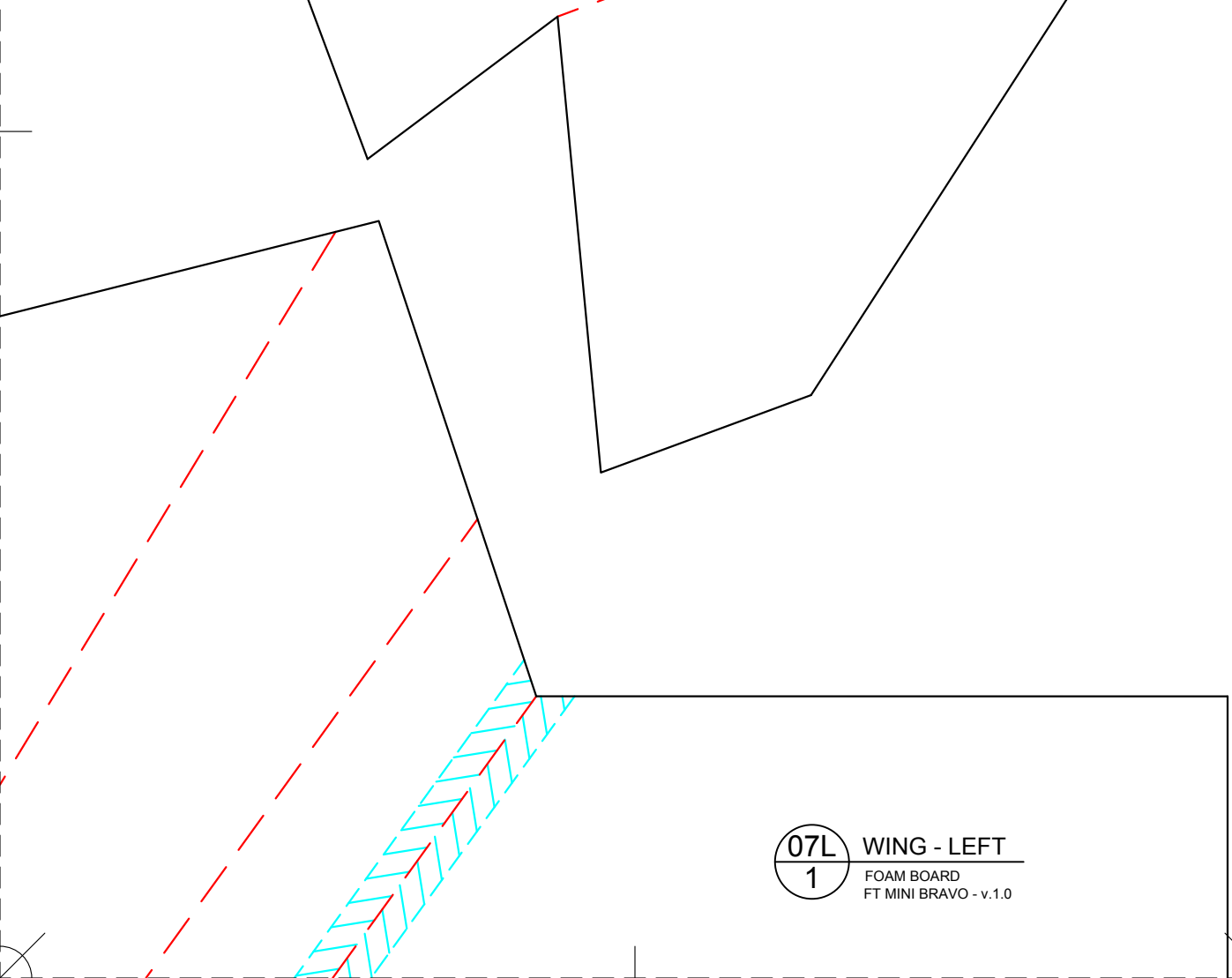
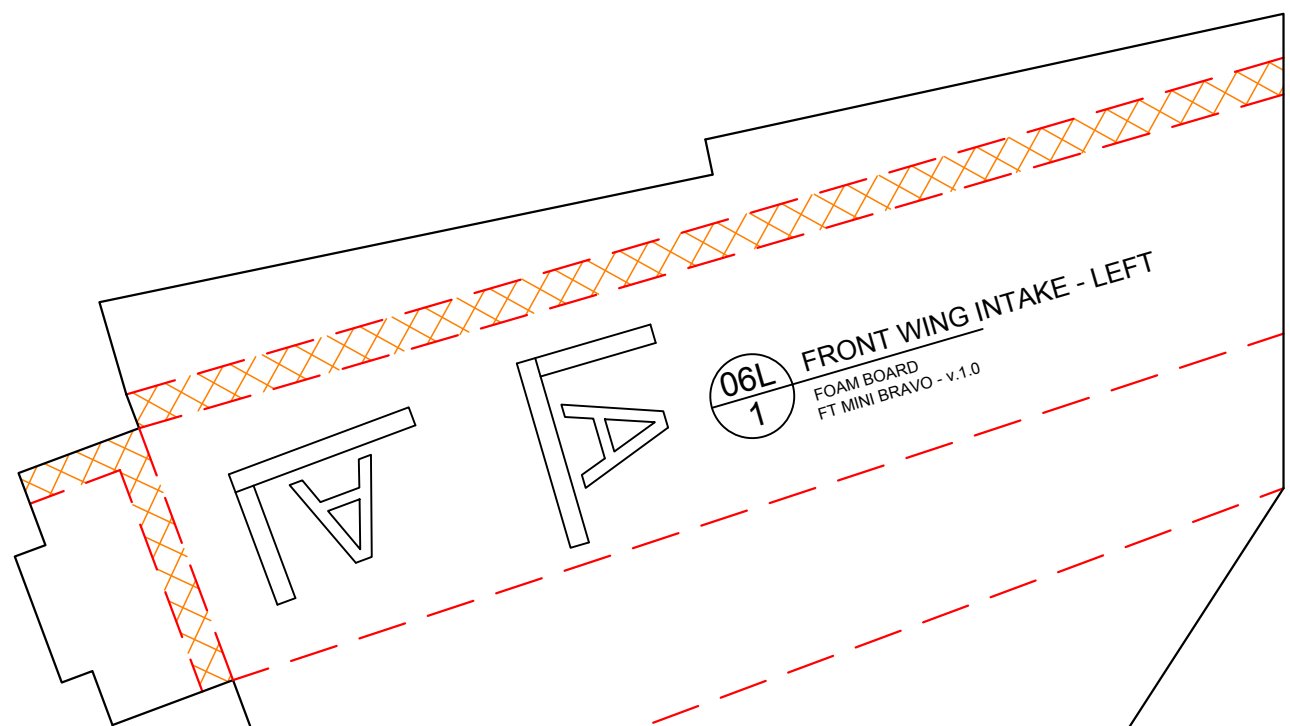


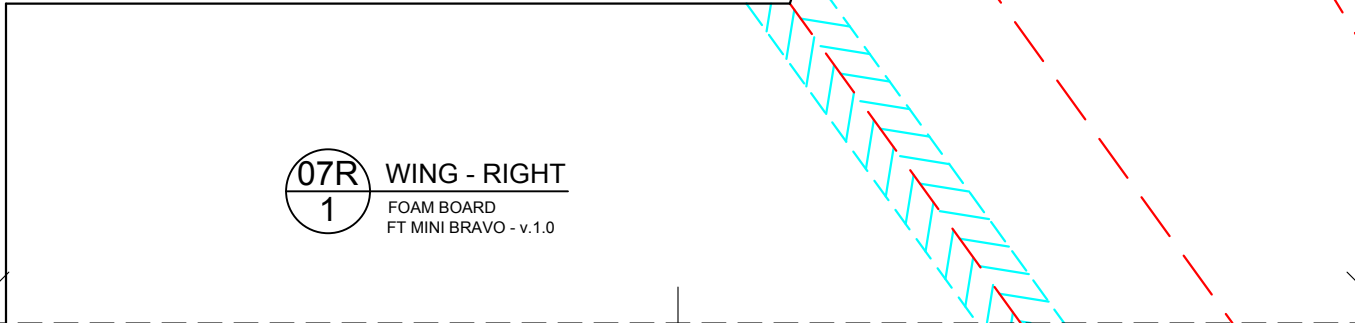
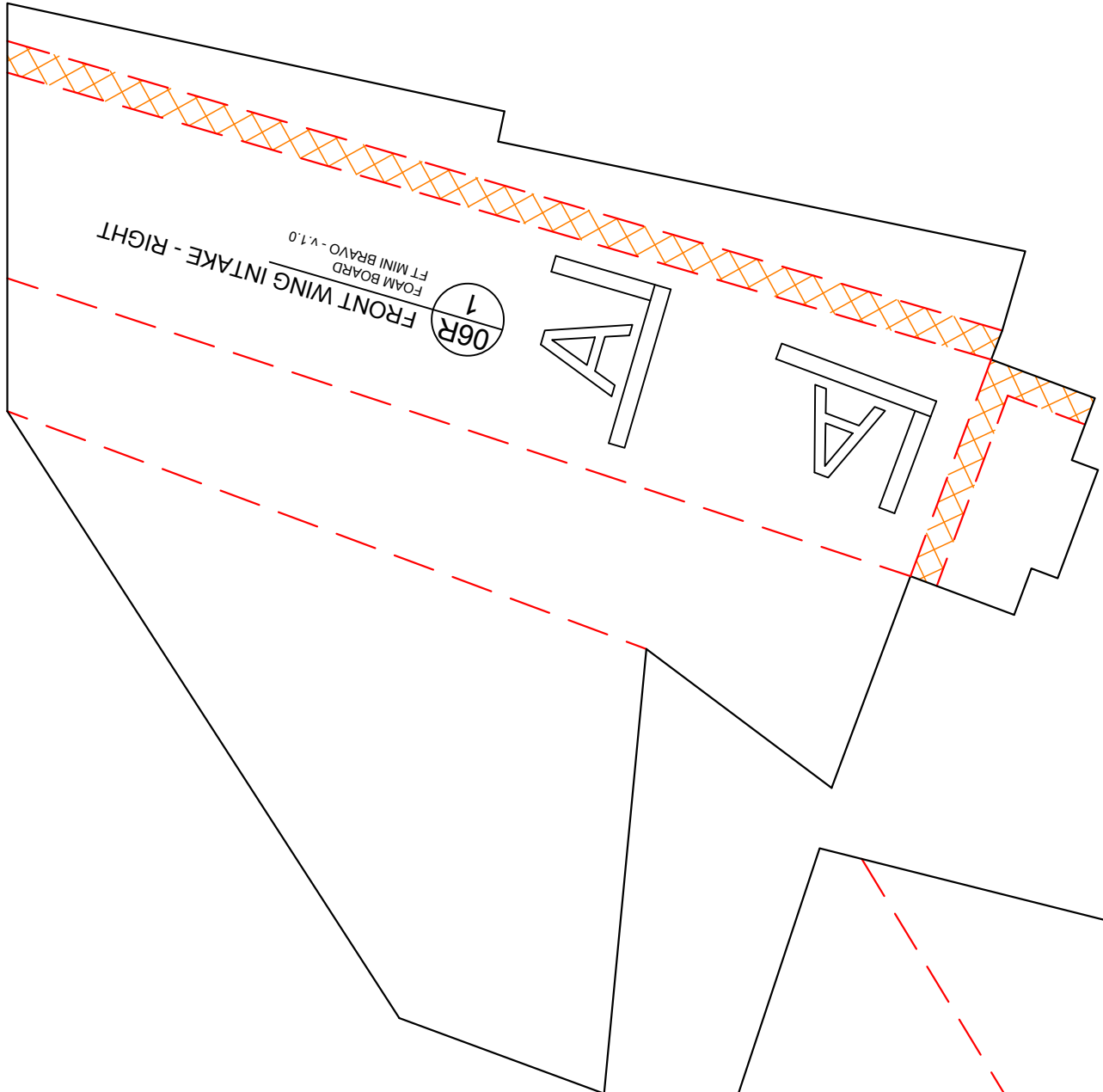
G1
90° TRIANGLE
FOAM BOARD
FT MINI BRAVO - v.1.0

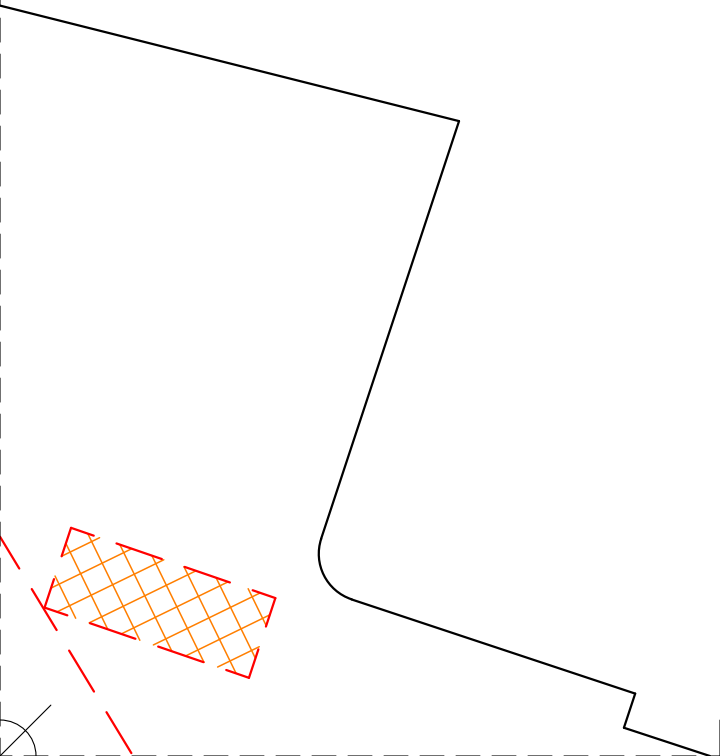


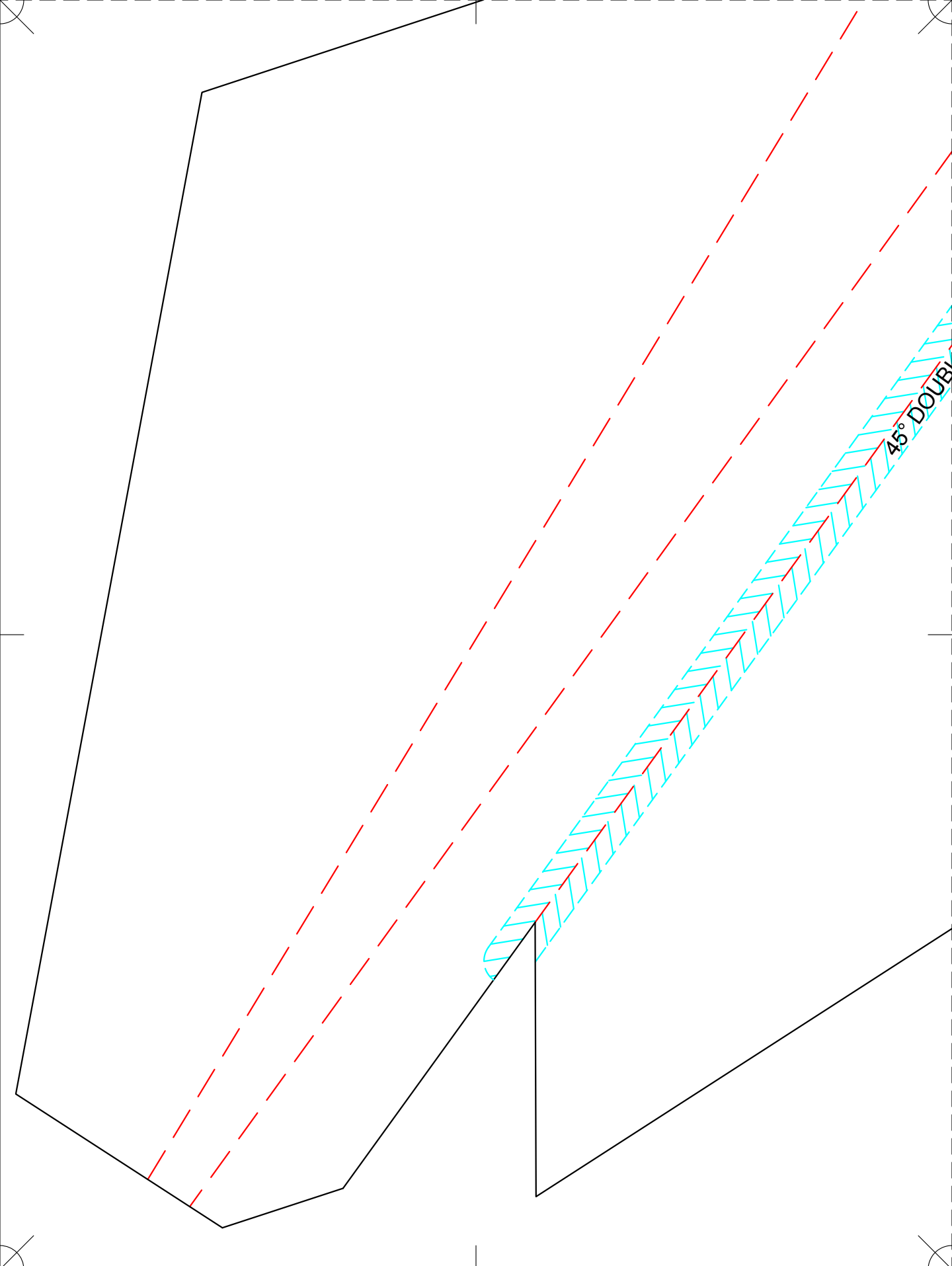
G1
90° TRIANGLE
FOAM BOARD
FT MINI BRAVO - v.1.0

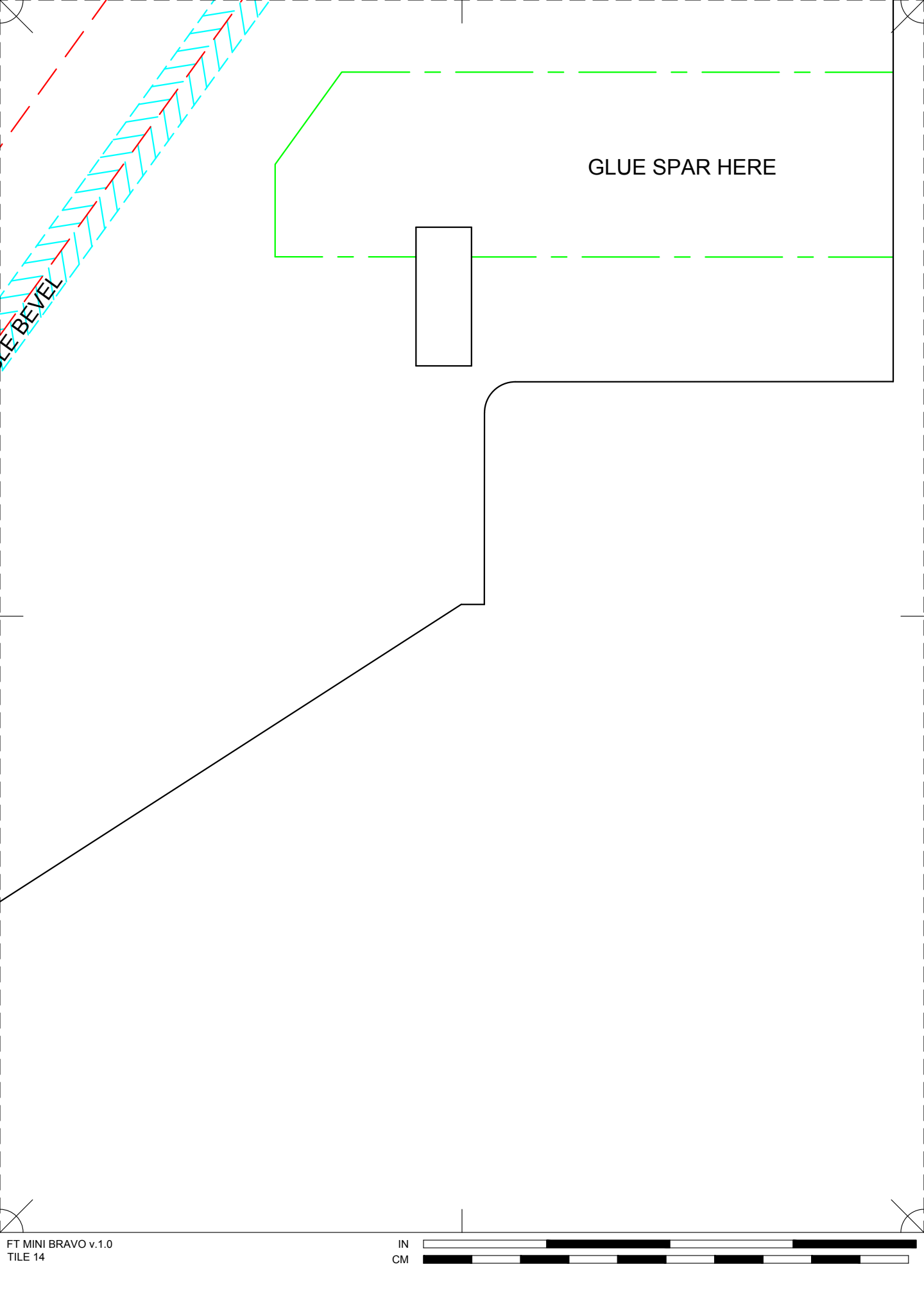








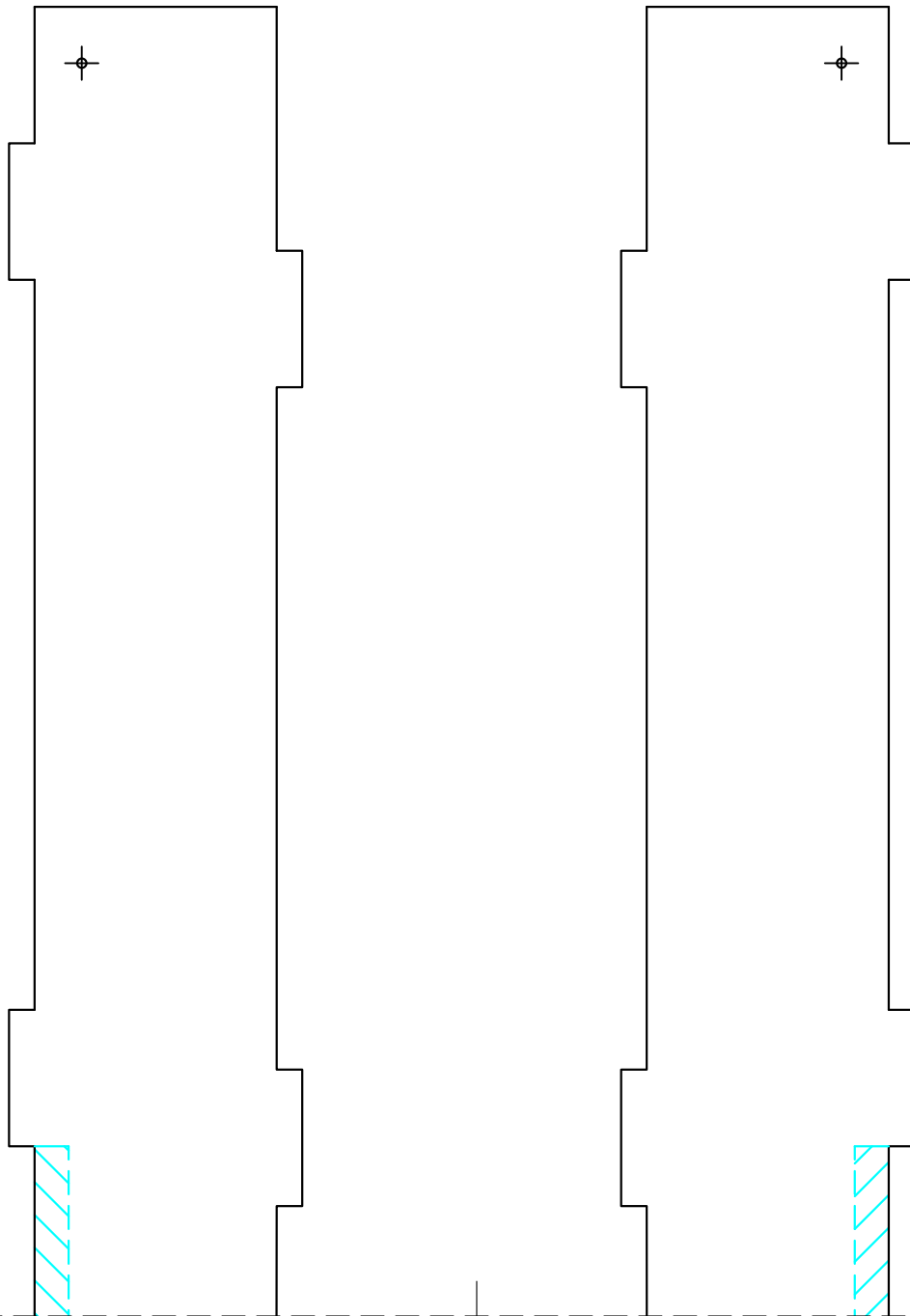


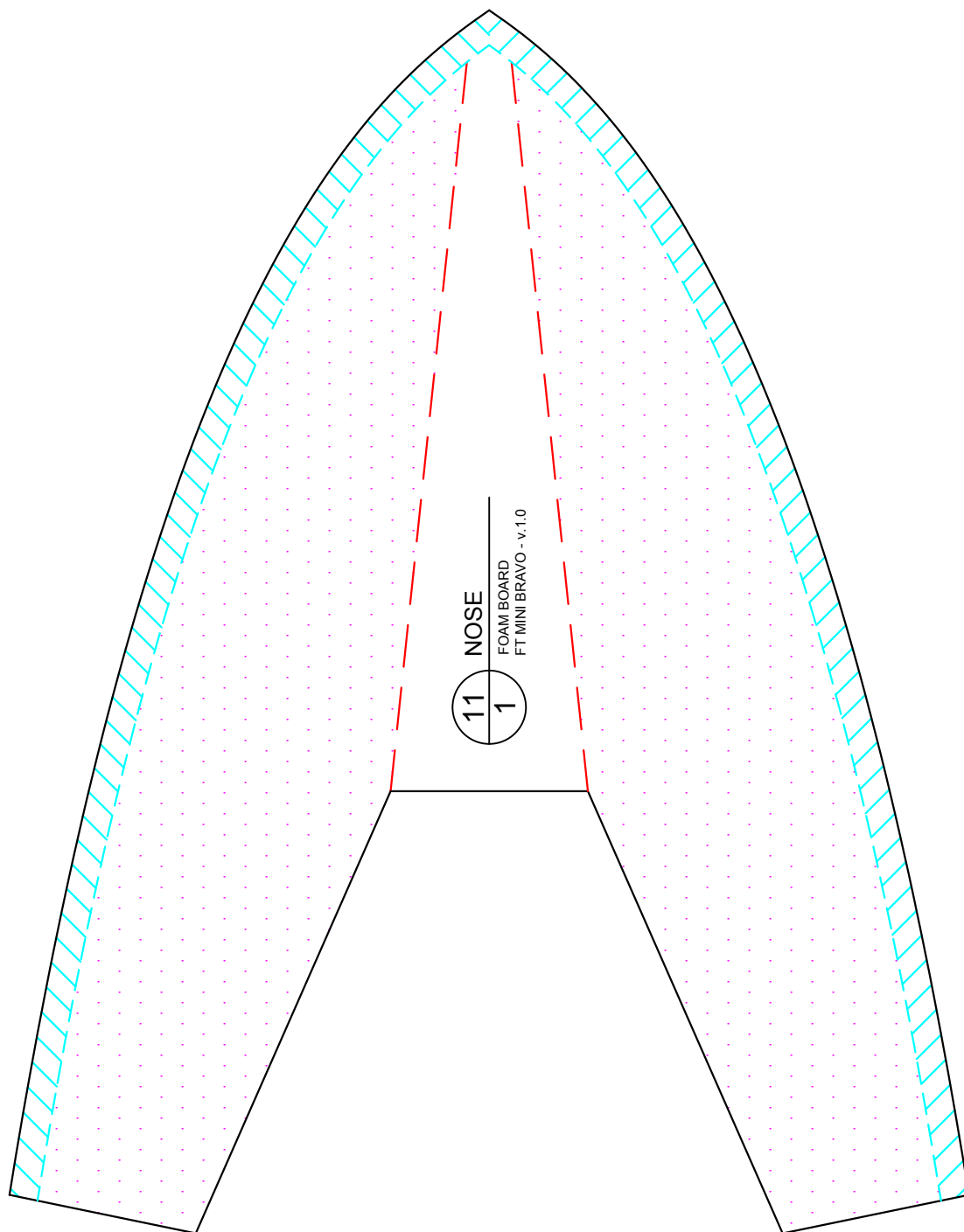


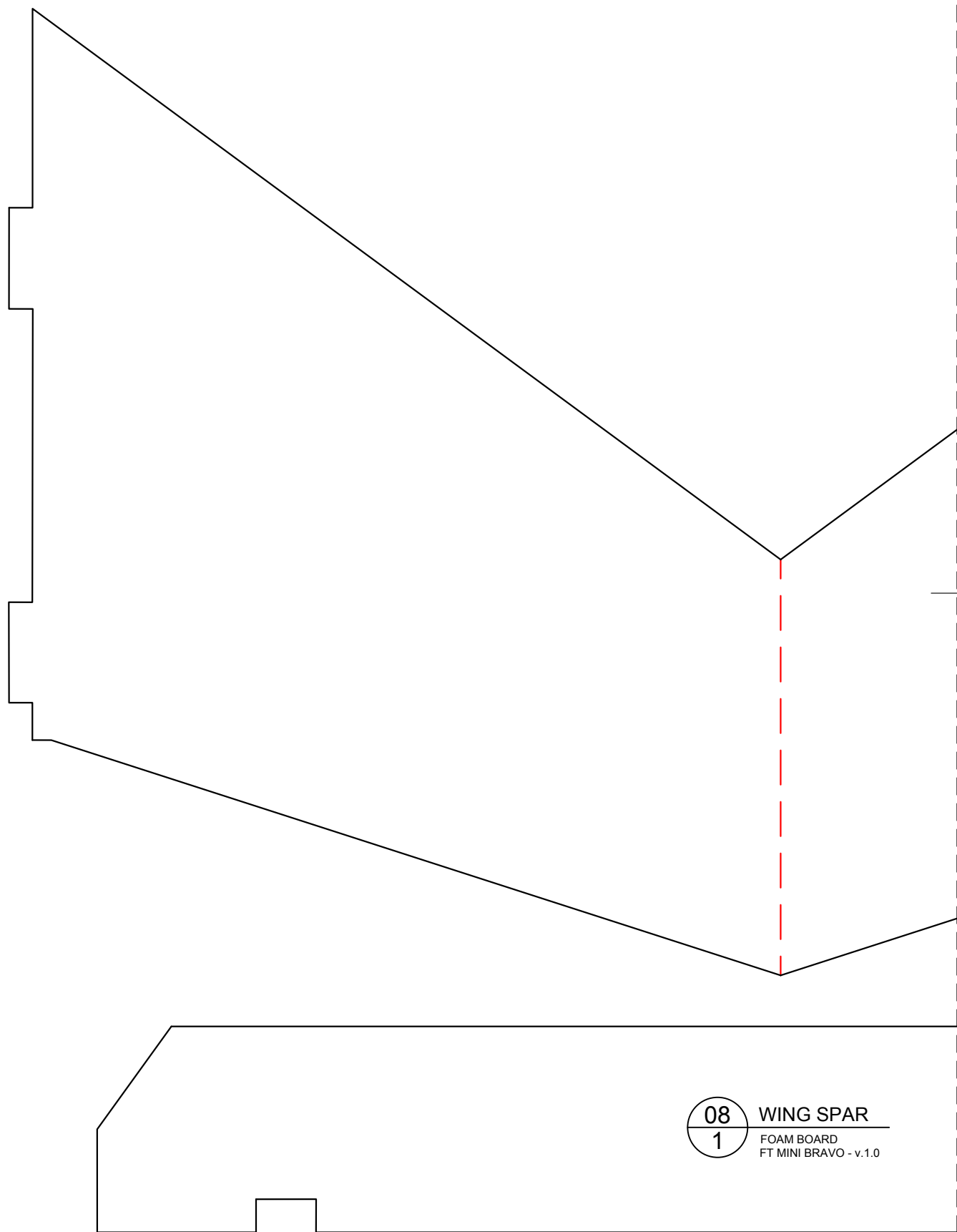
GLUE SPAR HERE

45° DOUBLE

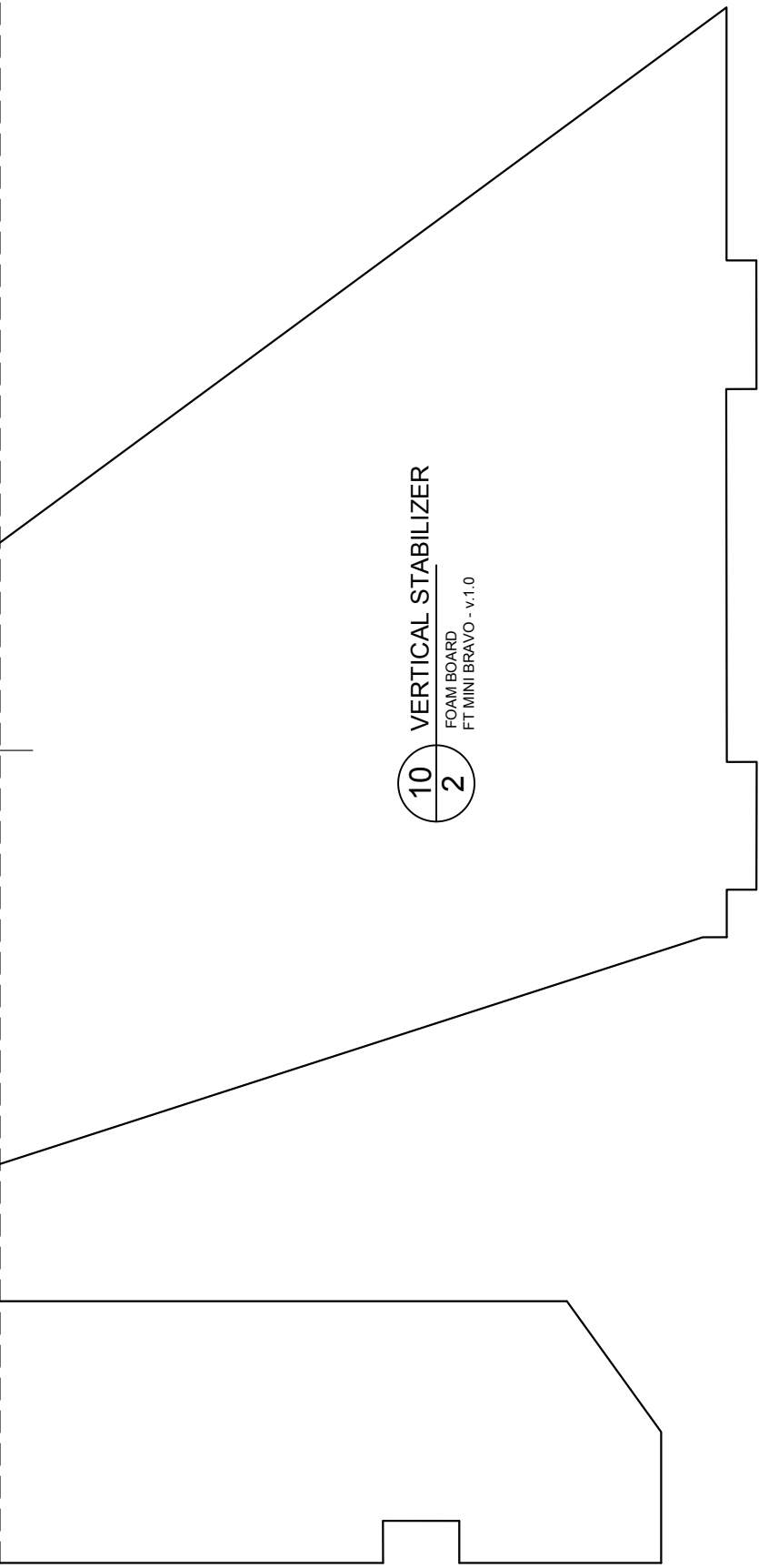
PIE BEVEL



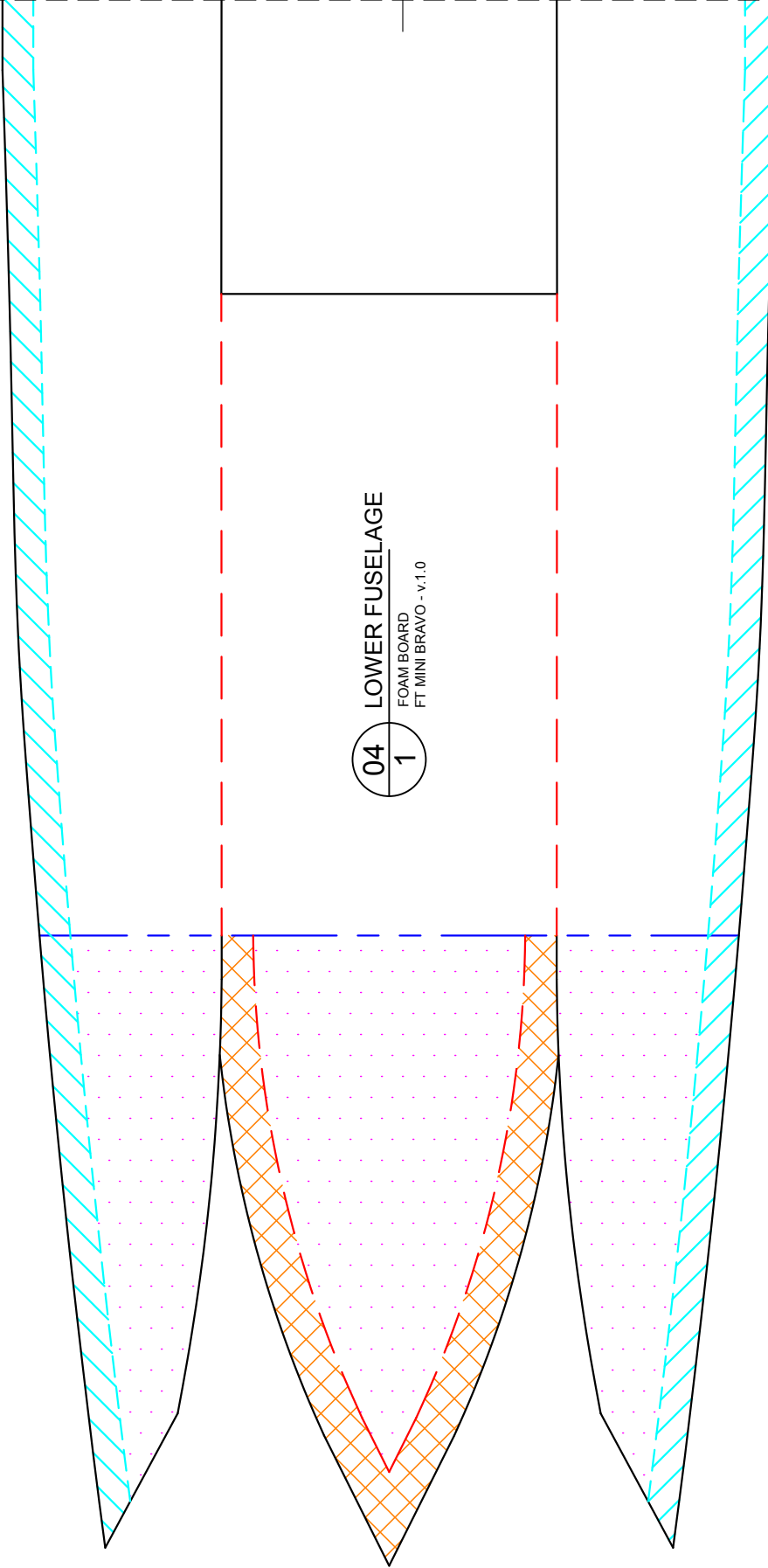


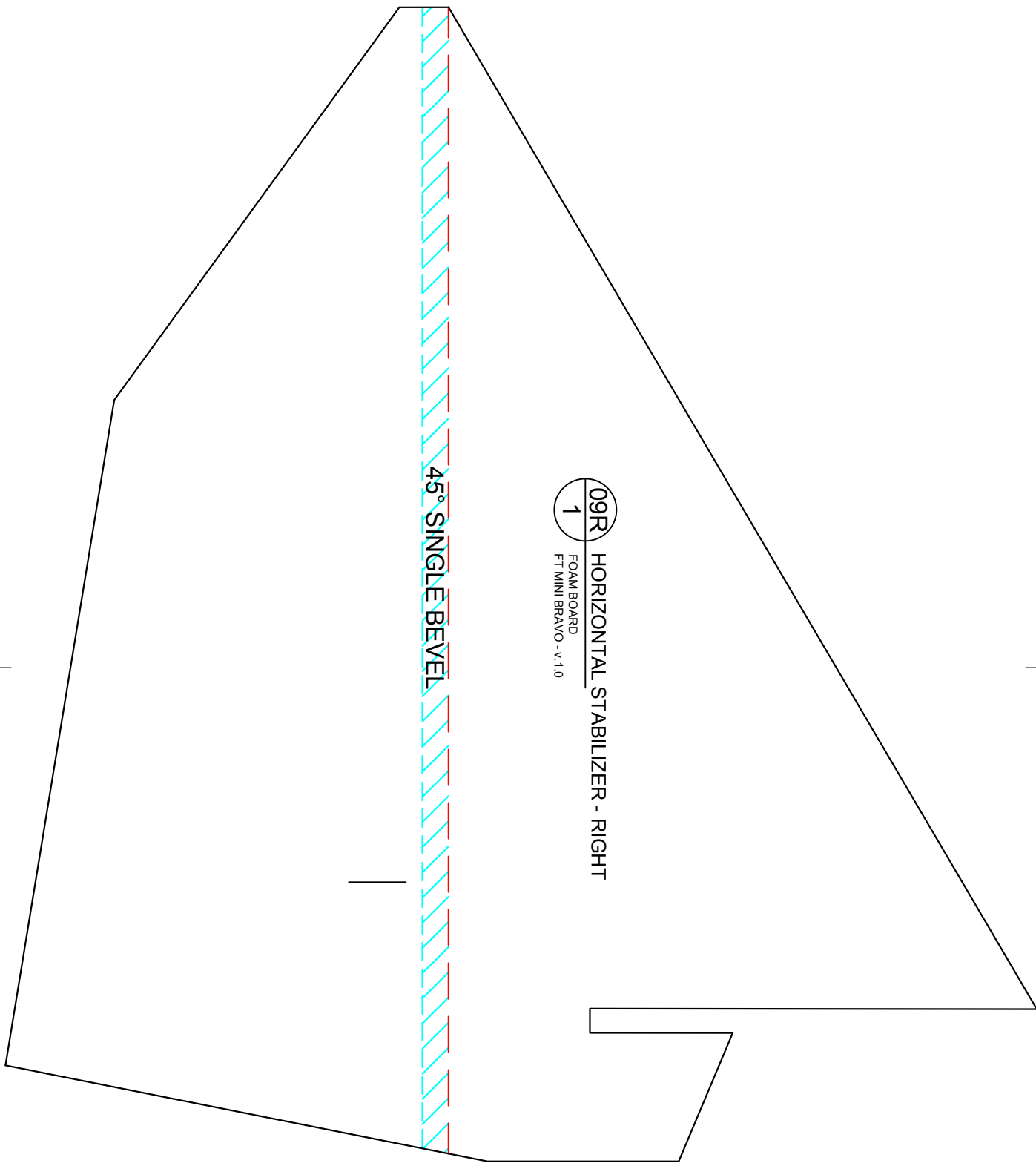


08 WING SPAR
1 FOAM BOARD
FT MINI BRAVO - v.1.0



04 LOWER FUSELAGE
FOAM BOARD
FT MINI BRAVO - v.1.0





09R
1

HORIZONTAL STABILIZER - RIGHT
FOAM BOARD
FT MINI BRAVO - V.1.0

45° SINGLE BEVEL

|

09L HORIZONTAL STABILIZER - LEFT
FOAM BOARD
FT MINI BRAVO - v.1.0

45° SINGLE BEVEL

