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# FT Mini Vector

Designed By: Peter Sripol  
Drawing By: Dan Sponholz



## SPECIFICATIONS

| DESCRIPTION        |     | IMPERIAL               | METRIC                 |
|--------------------|-----|------------------------|------------------------|
| LENGTH             |     | 27.7 in                | 704 mm                 |
| CENTER OF GRAVITY  | CG  | 14 in                  | 355 mm                 |
| WING SPAN          |     | 25 in                  | 635 mm                 |
| WING AREA          |     | 252.8 in <sup>2</sup>  | 16.3 dm <sup>2</sup>   |
| DRY WEIGHT         |     | 7.5 oz                 | 211 g                  |
| ALL UP WEIGHT      | AUW | 10.2 oz                | 288 g                  |
| WING LOADING       | WL  | 5.8 oz/ft <sup>2</sup> | 17.0 g/dm <sup>2</sup> |
| WING CUBIC LOADING | WCL | 4.4                    |                        |

## RECOMMENDED SETTINGS

|         | THROW | EXPO |
|---------|-------|------|
| ELEVONS | 20°   | 30%  |
| RUDDER  | 20°   | 30%  |



## SHEET & TILE KEY



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

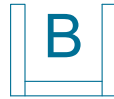
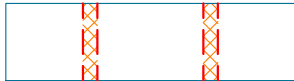
|    |    |    |    |
|----|----|----|----|
| 9  | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 |

# DRAWING KEY

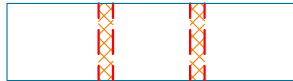
## FOLD TYPES



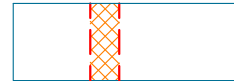
A - FOLD (ABOVE)



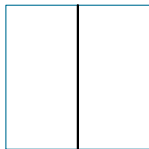
B - FOLD (BESIDE)



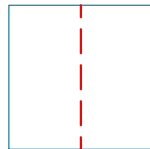
C - FOLD (COVER)



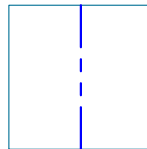
## LINE TYPE/COLOR



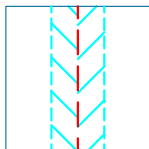
CUT



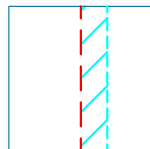
50% SCORE



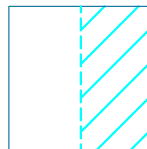
CREASE



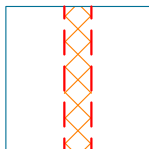
45° DOUBLE  
BEVEL



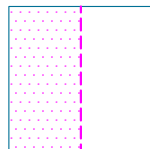
45° SINGLE  
BEVEL



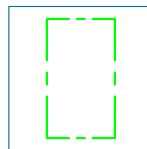
EDGE  
BEVEL



CAVITY



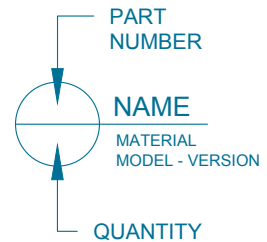
REMOVE  
PAPER



REFERENCE/  
OPTIONAL



## SYMBOLS



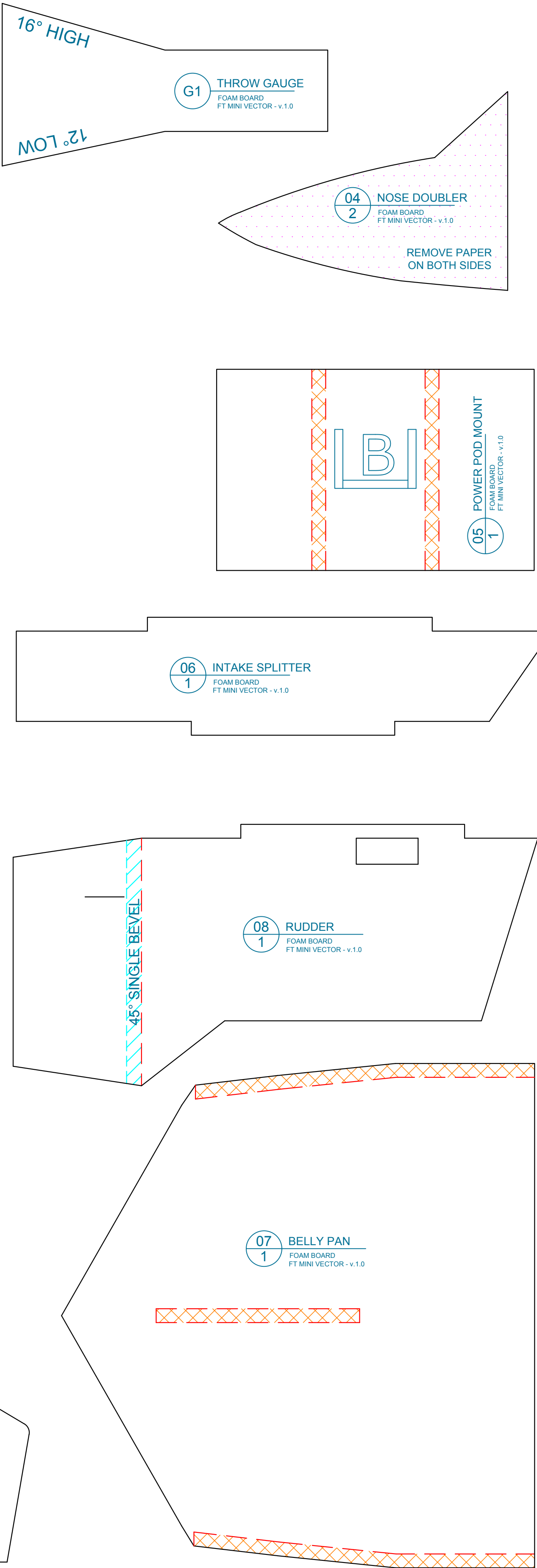
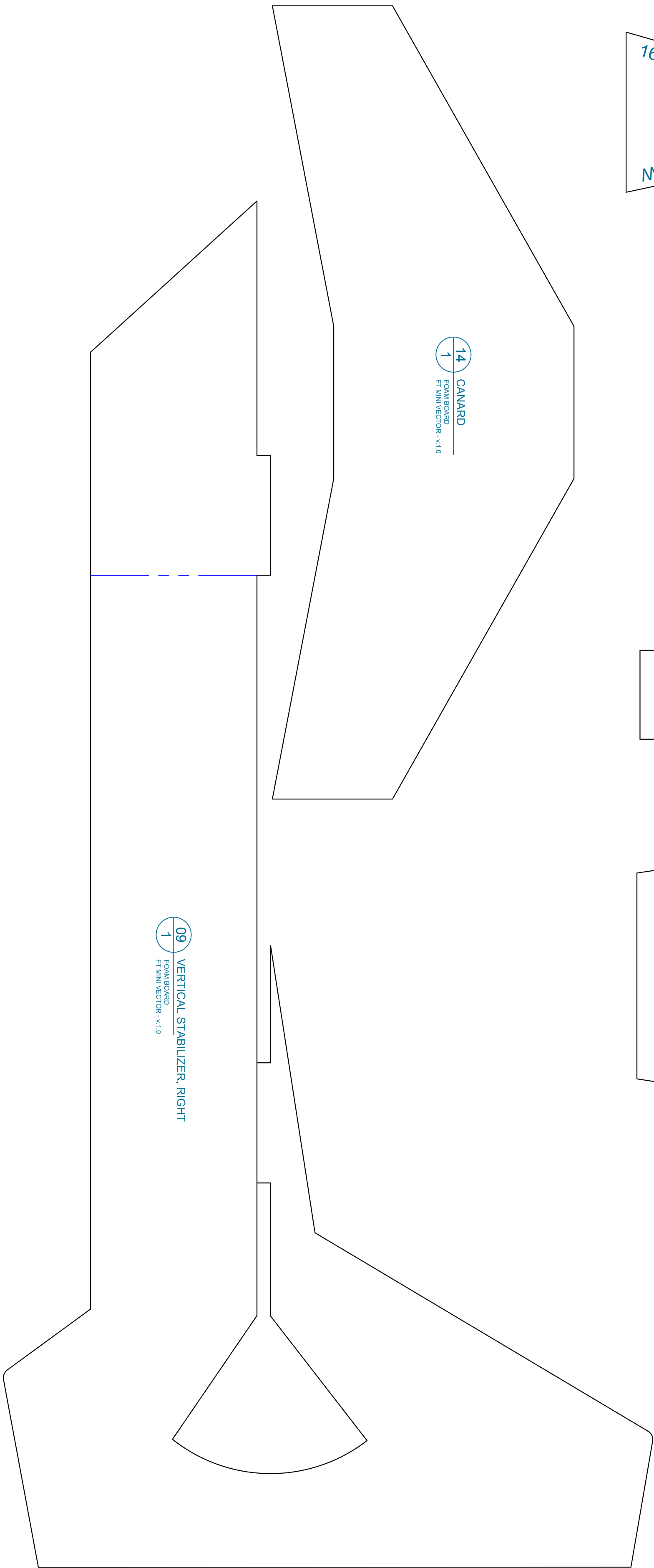
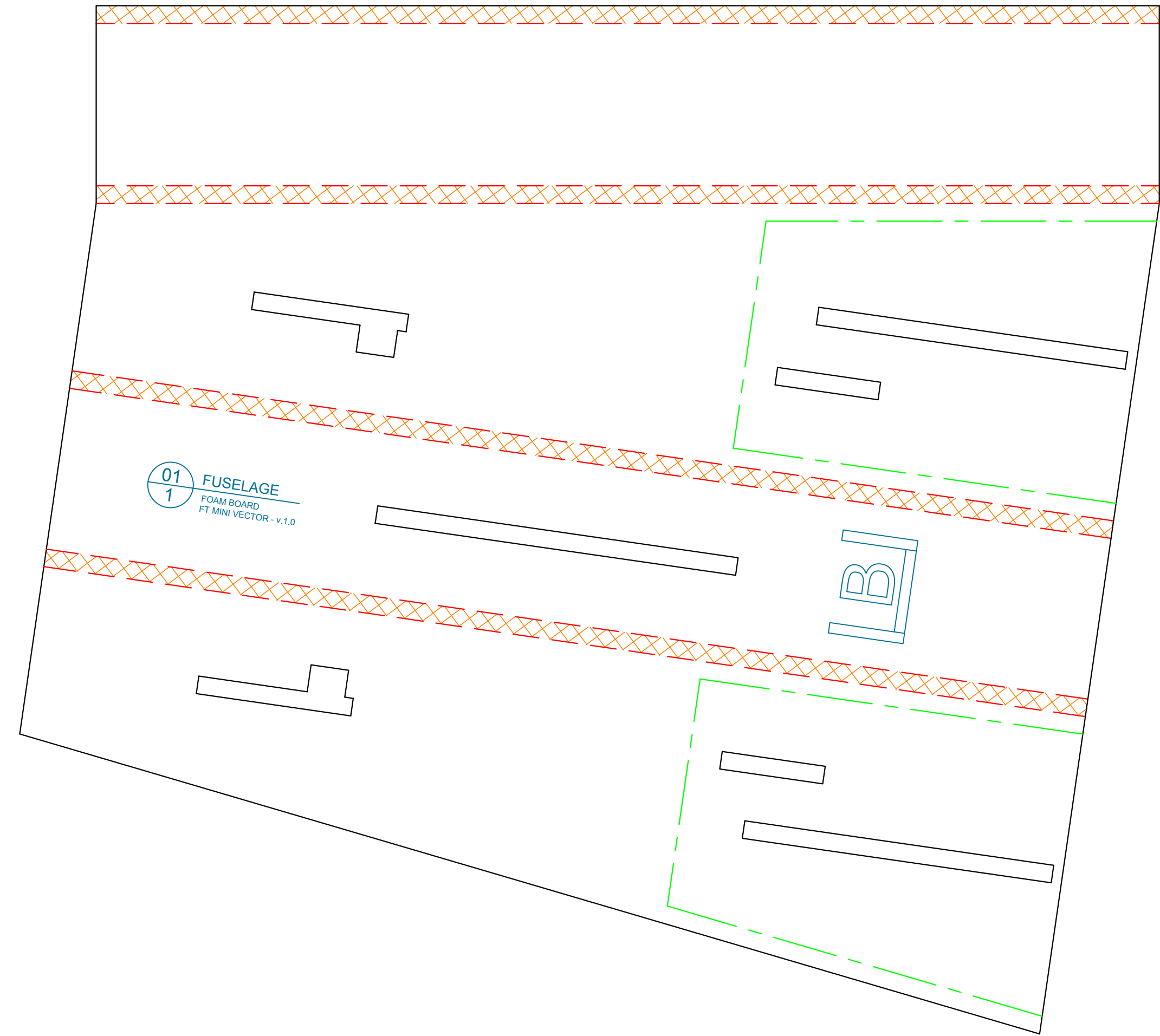
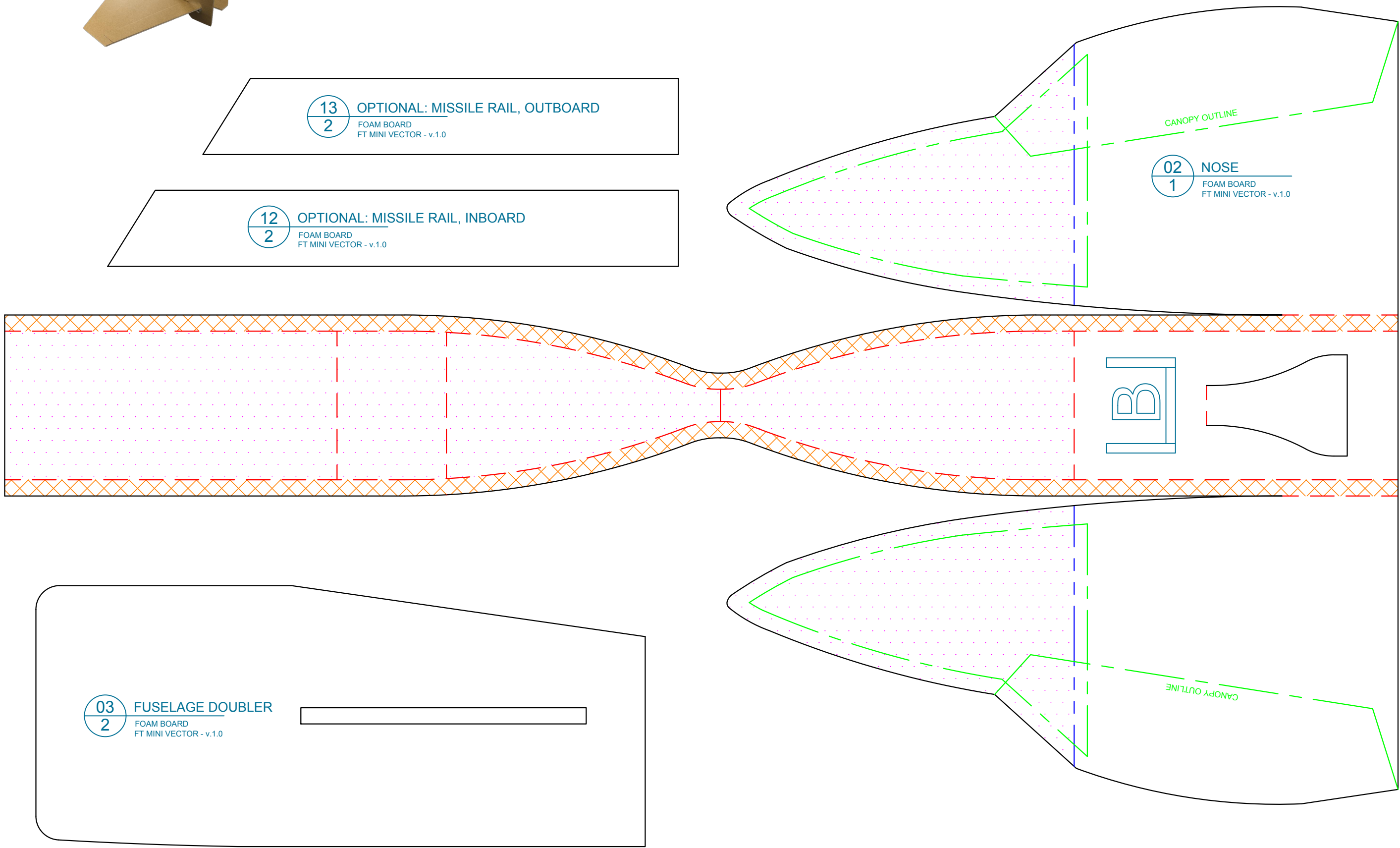
MIRRORED  
PART



CENTER  
OF  
GRAVITY  
(CG)

FT Mini Vector

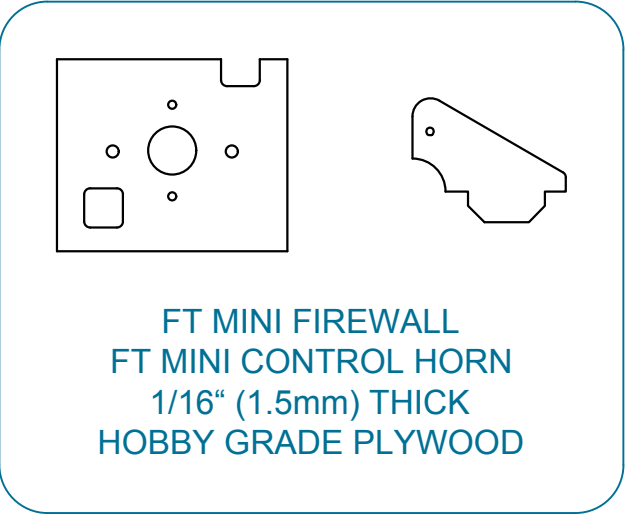
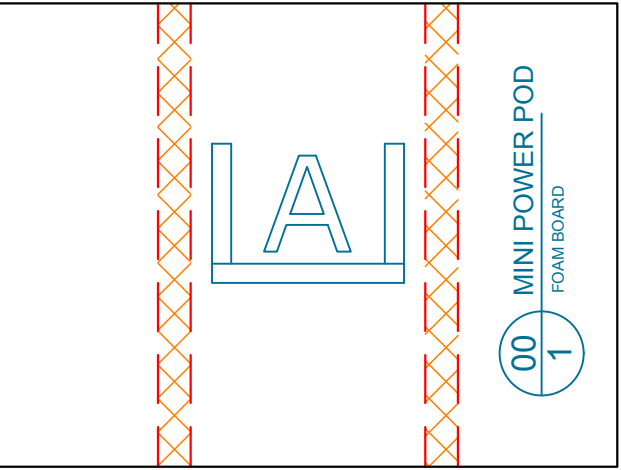
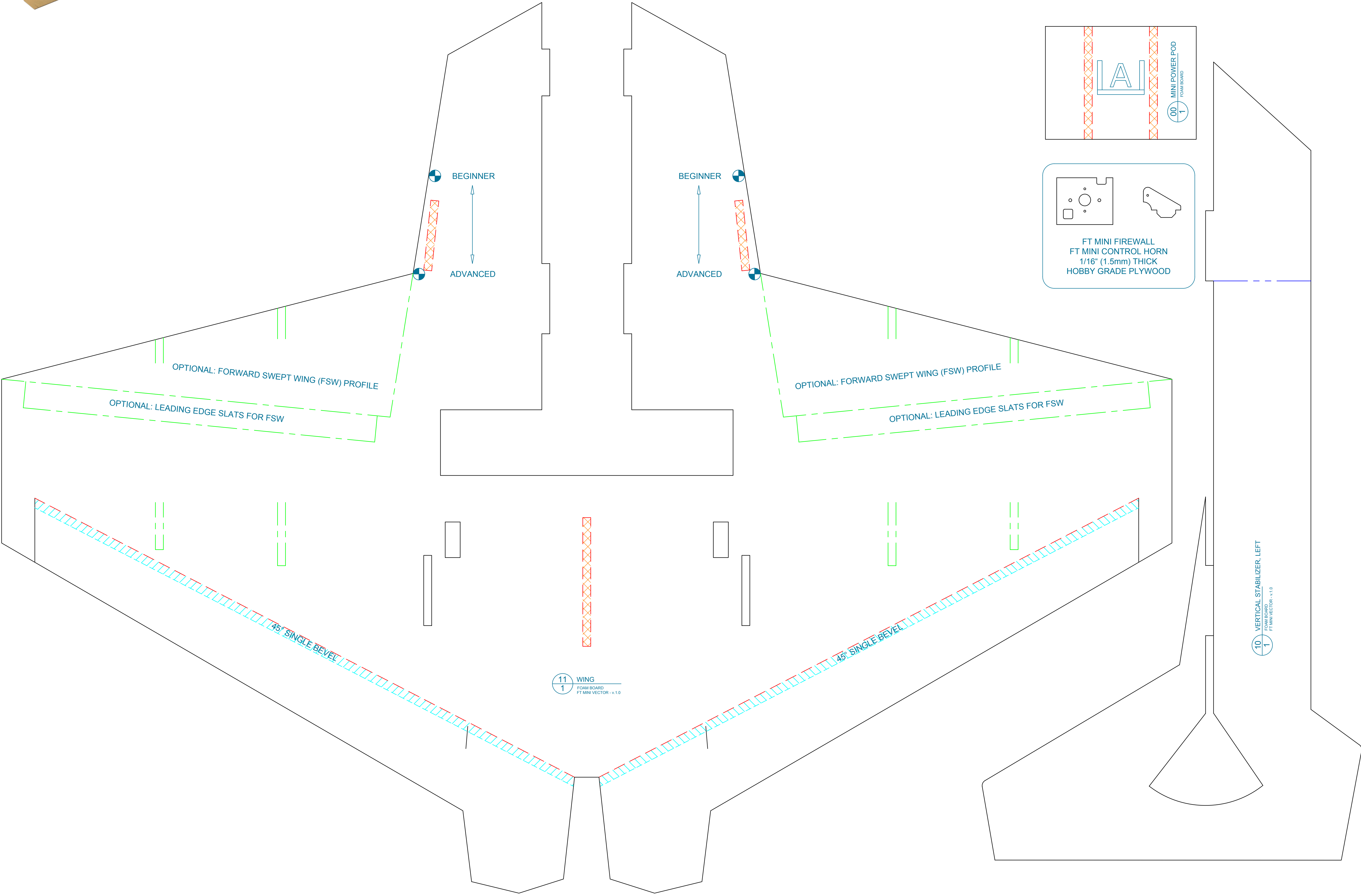
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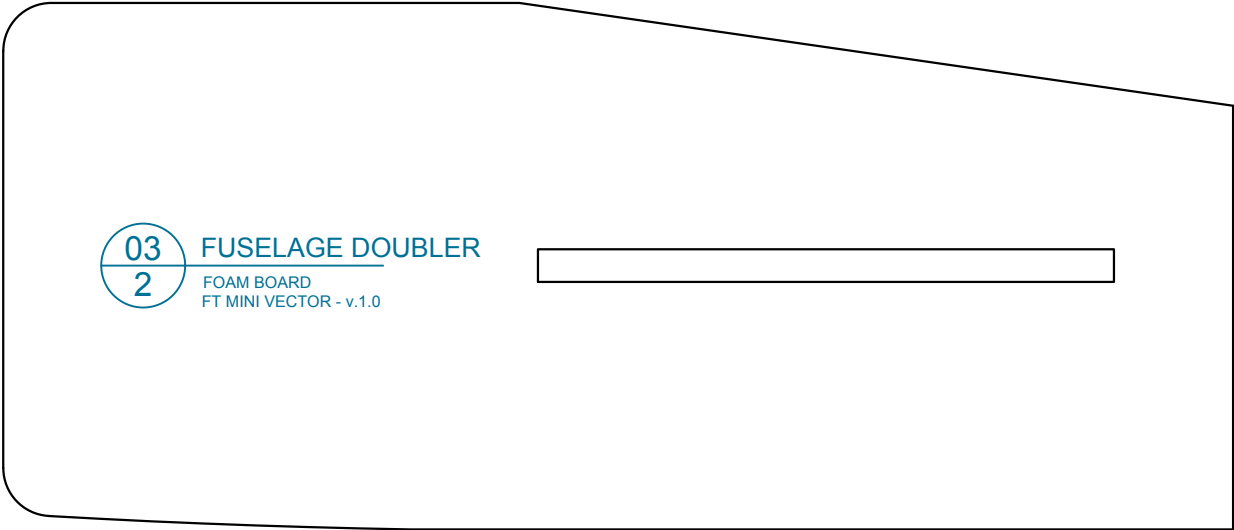
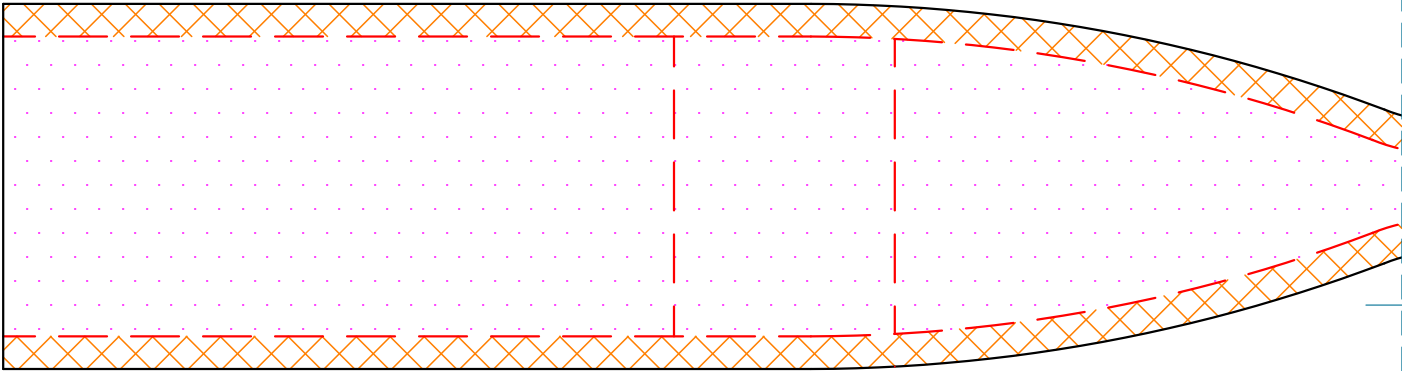


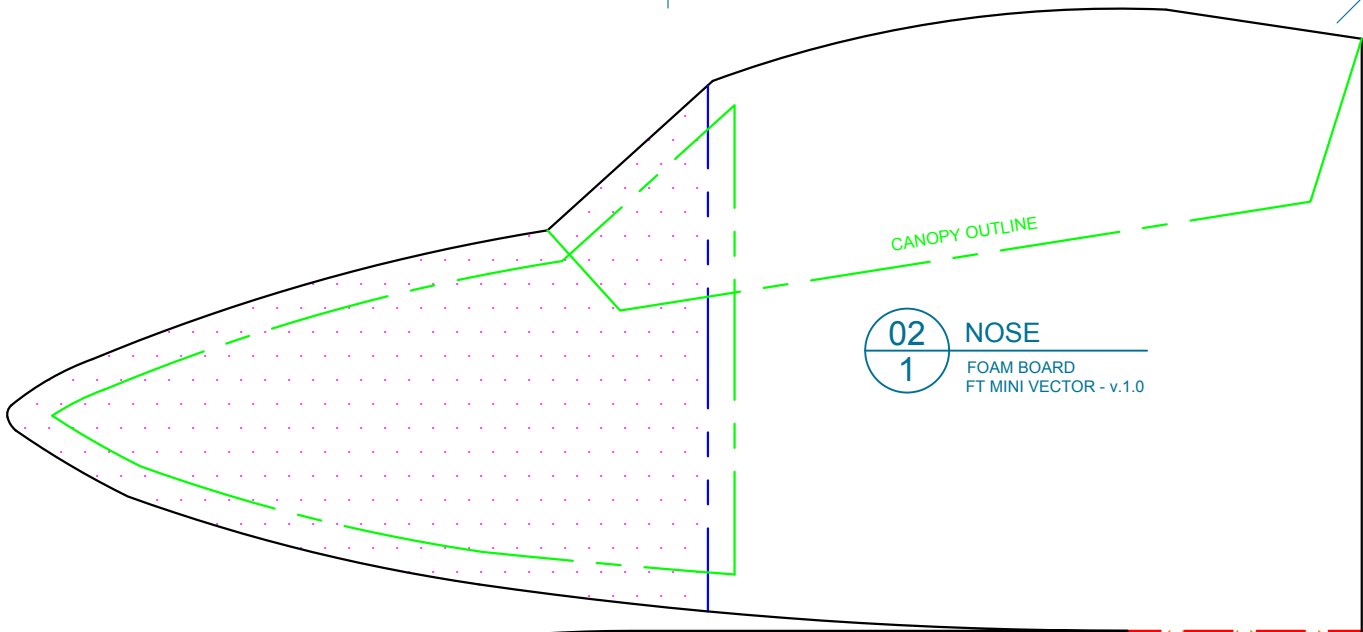


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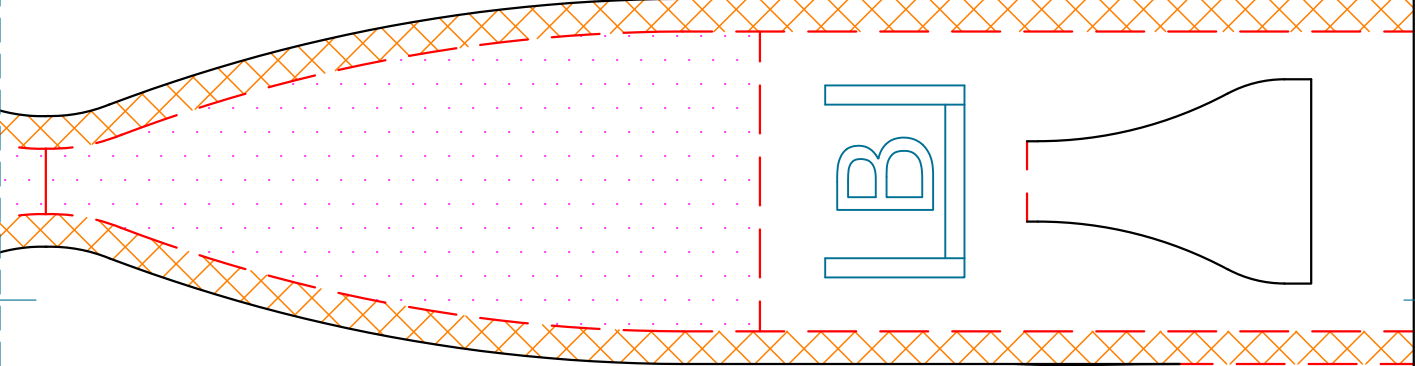


CANOPY OUTLINE

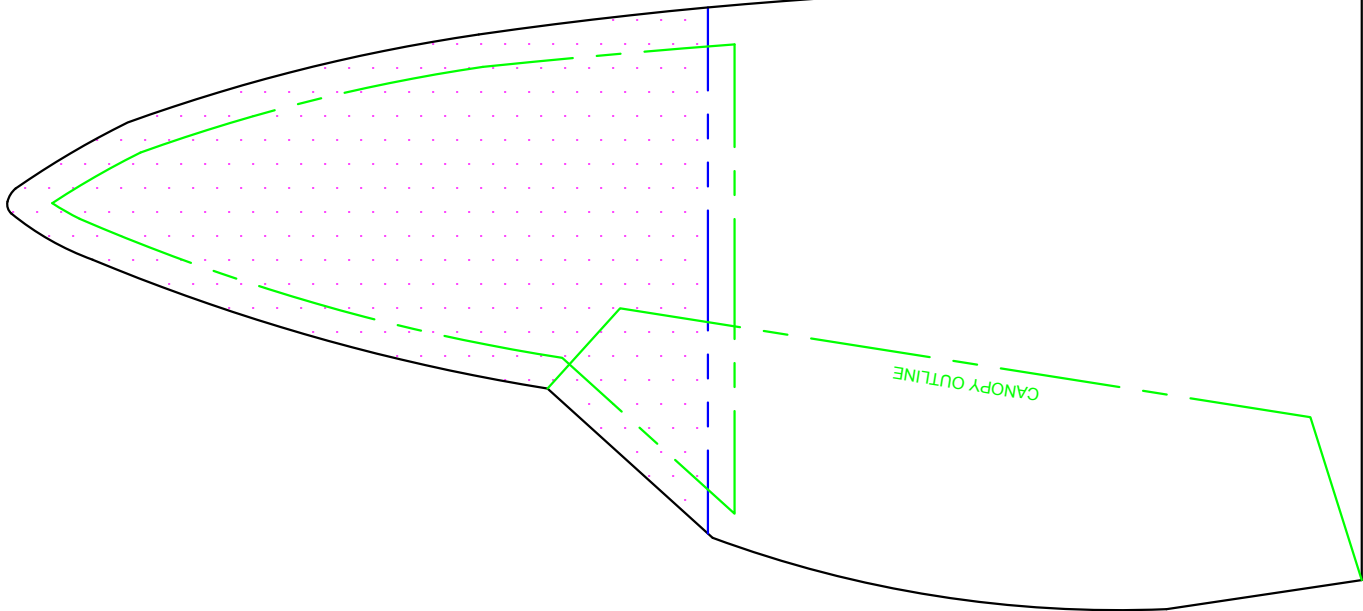
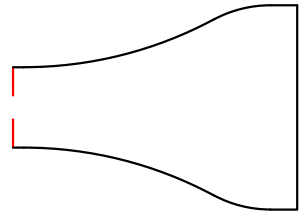
02  
1

NOSE

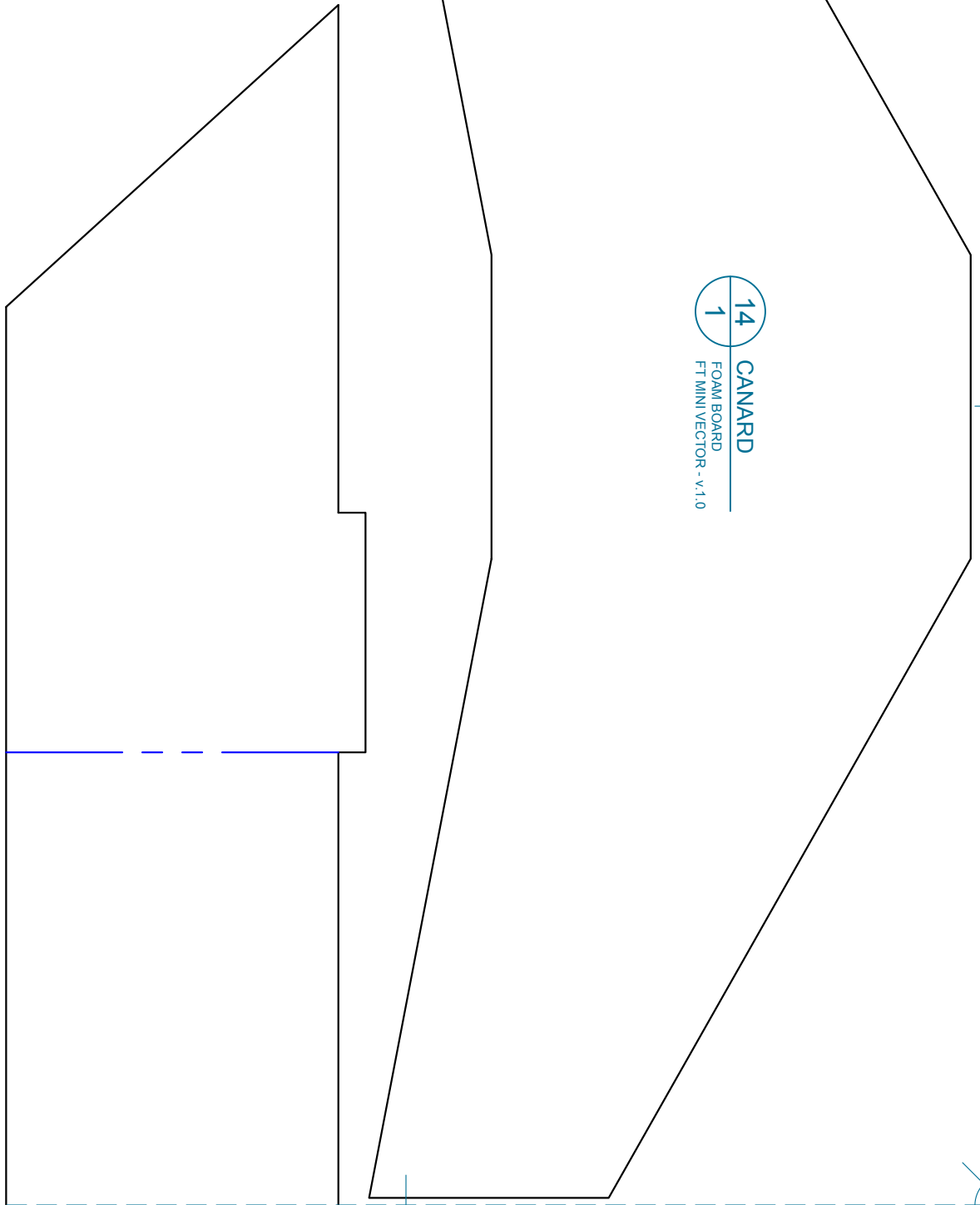
FOAM BOARD  
FT MINI VECTOR - v.1.0



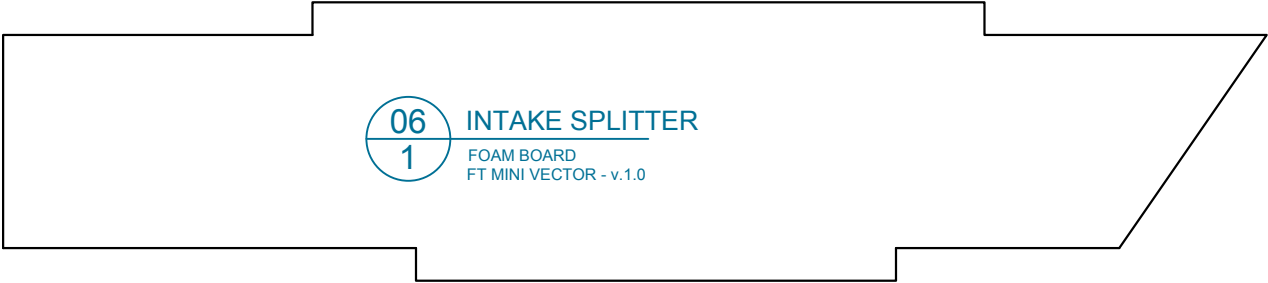
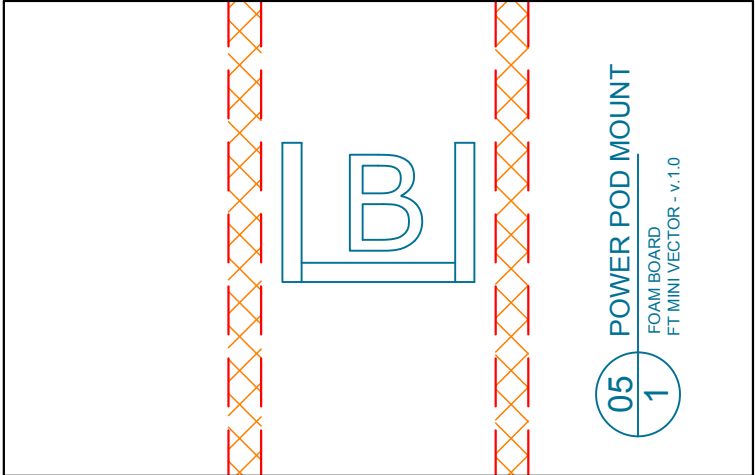
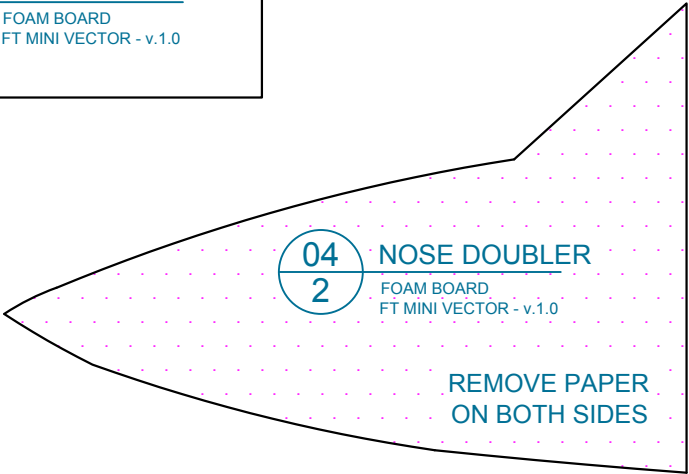
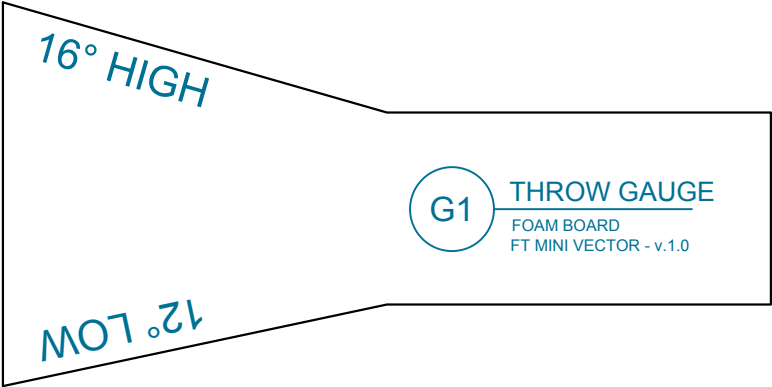
B



CANOPY OUTLINE





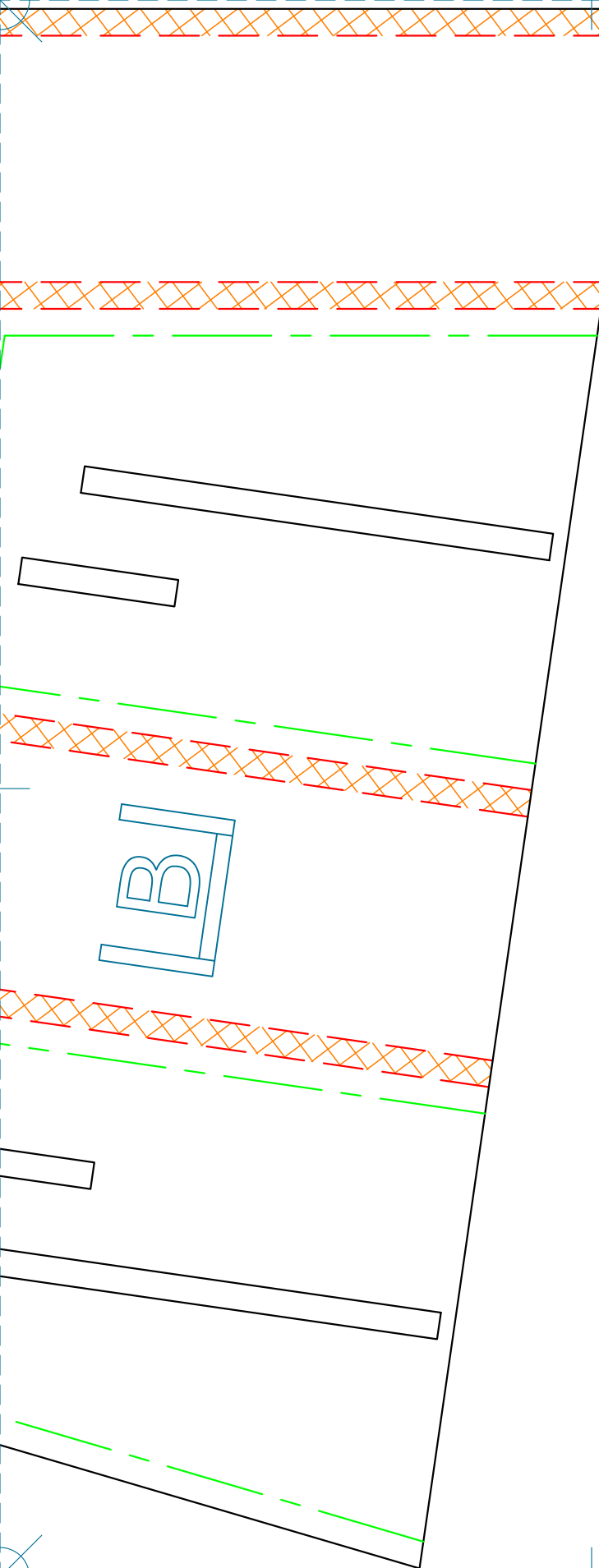




01  
1 FUSELAGE  
FOAM BOARD  
FT MINI VECTOR - v.1.0

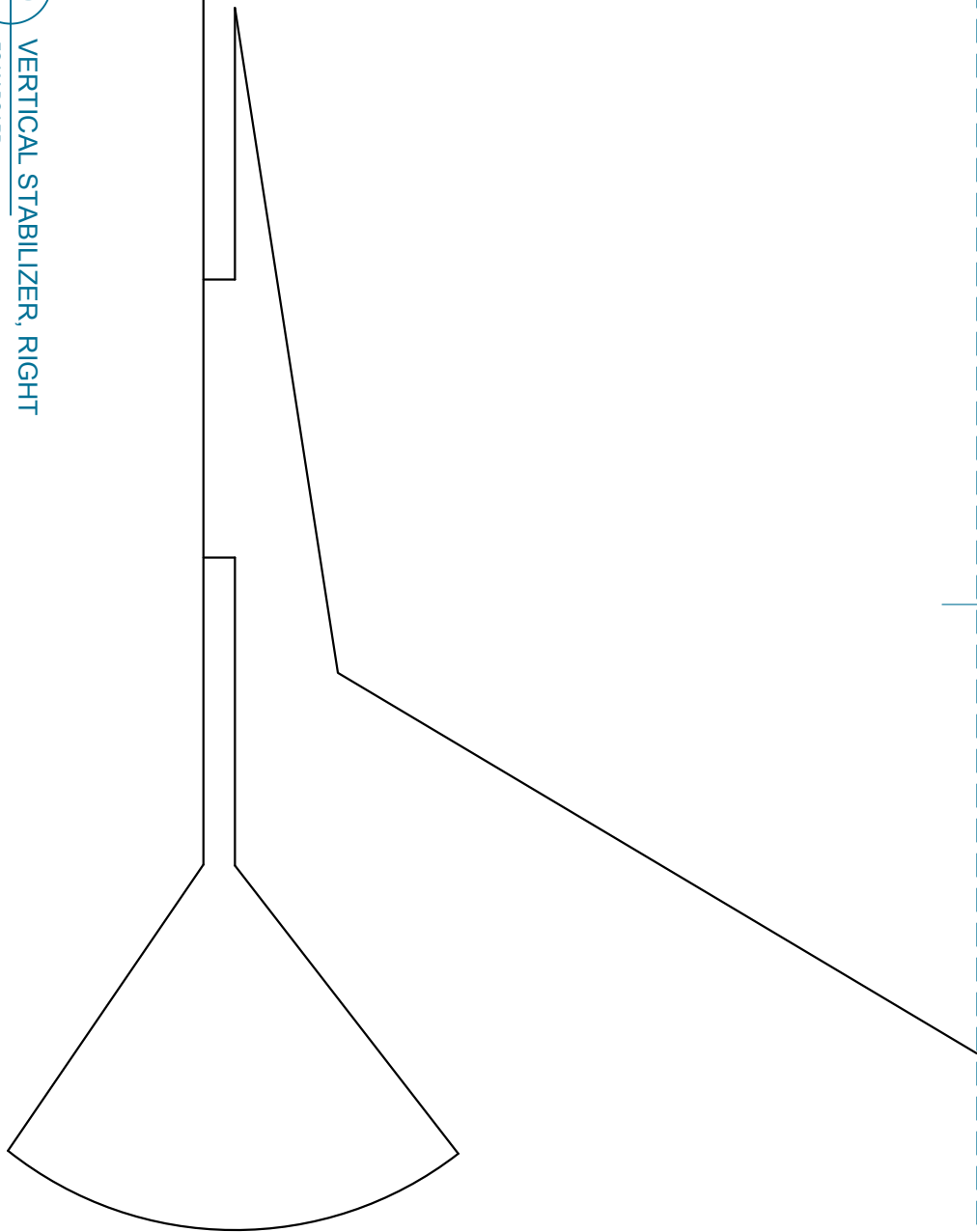
IN  
CM

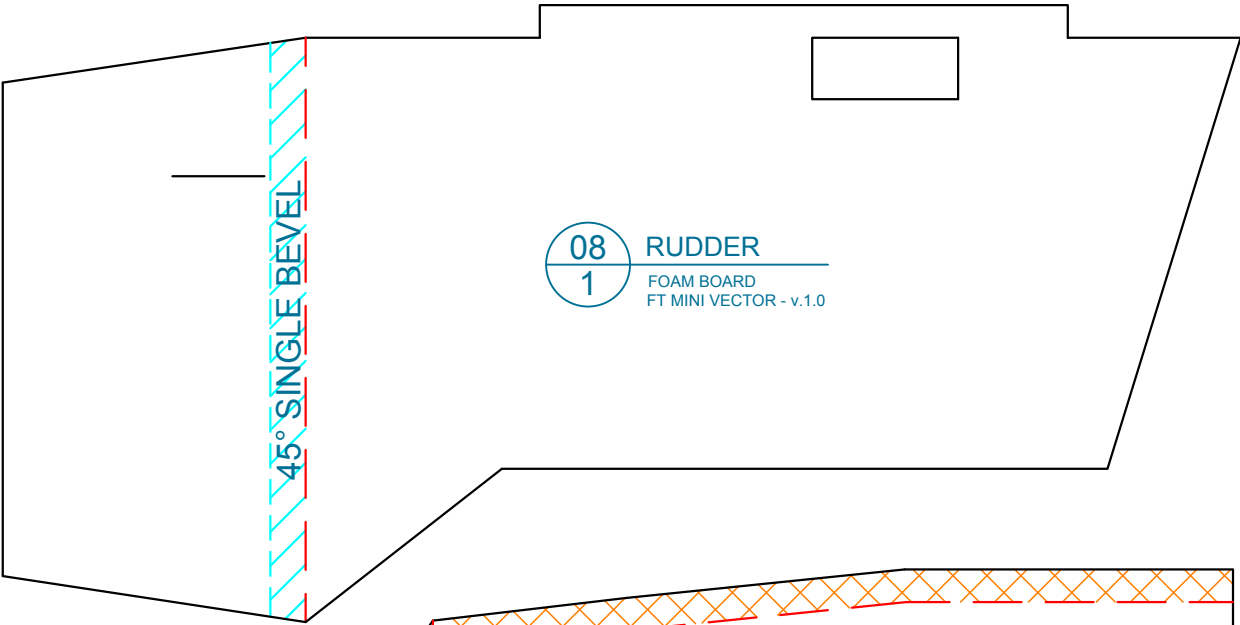




09  
1

VERTICAL STABILIZER, RIGHT  
FOAM BOARD  
FT MINI VECTOR - v.1.0

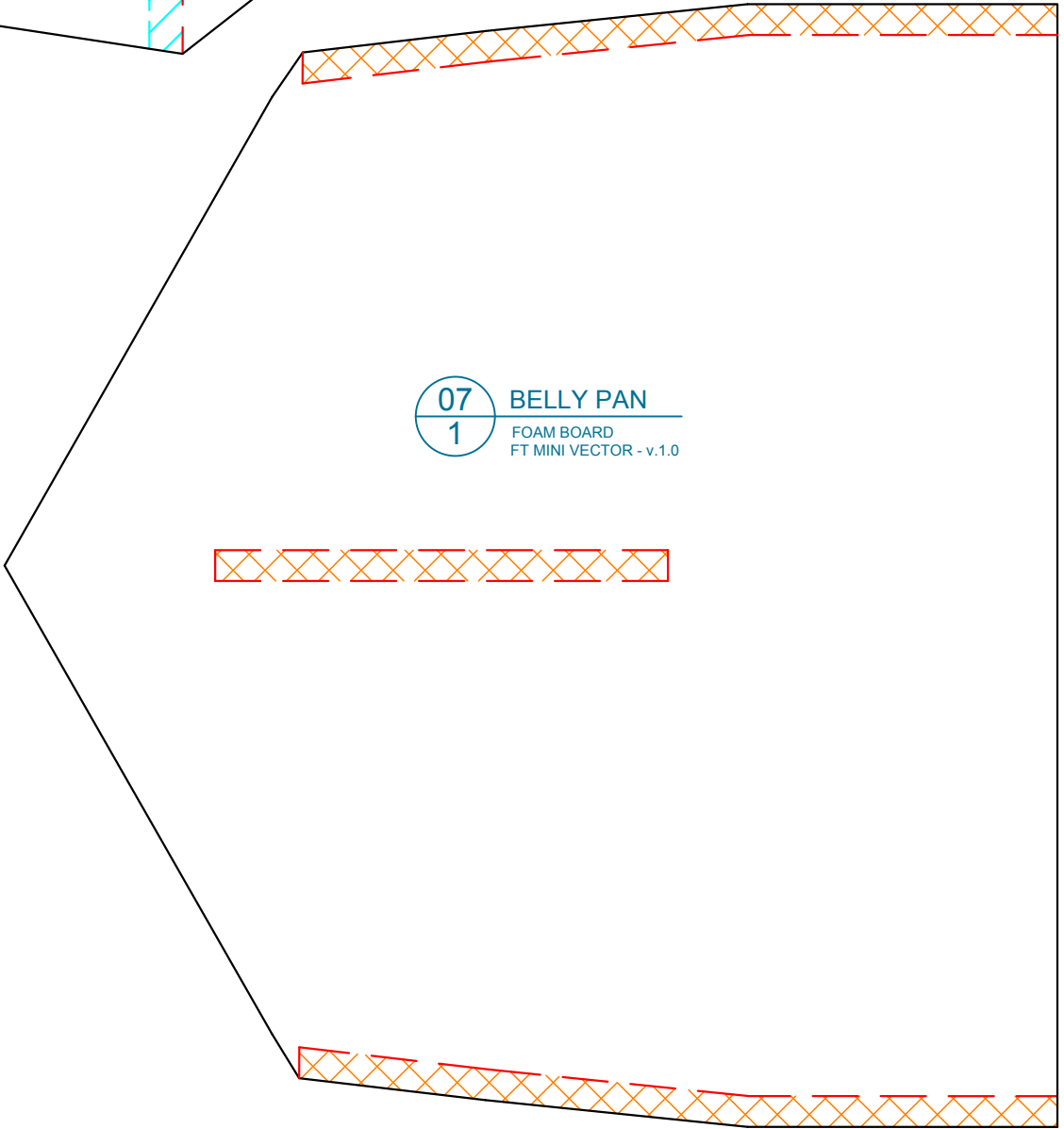




08  
1

RUDDER

FOAM BOARD  
FT MINI VECTOR - v.1.0



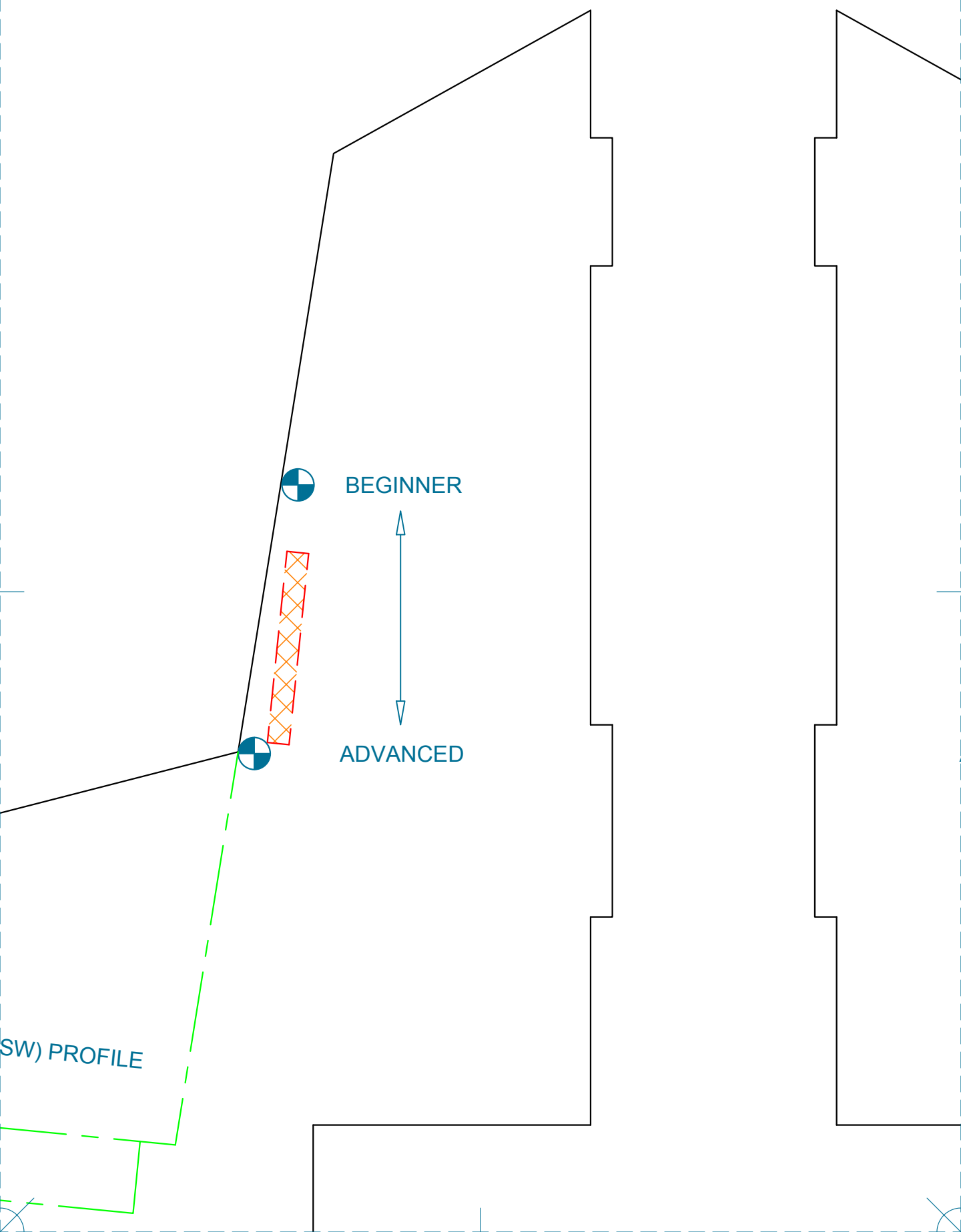
07  
1

BELLY PAN

FOAM BOARD  
FT MINI VECTOR - v.1.0

OPTIONAL: FORWARD SWEPT WING (F

OPTIONAL: LEADING EDGE SLATS FOR FSW



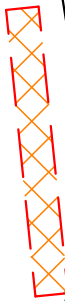
SW) PROFILE



BEGINNER



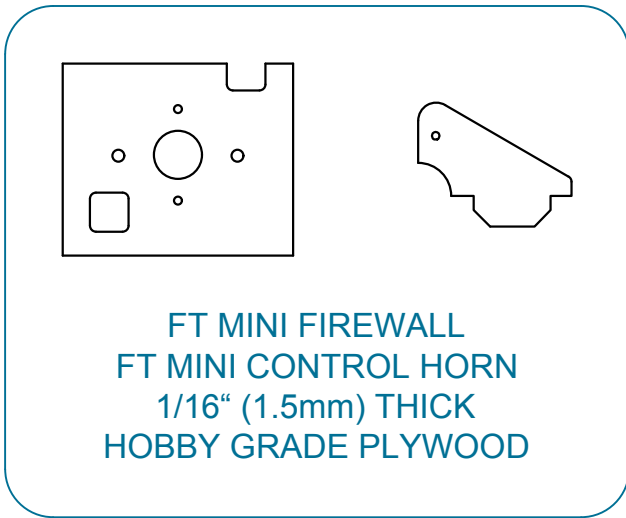
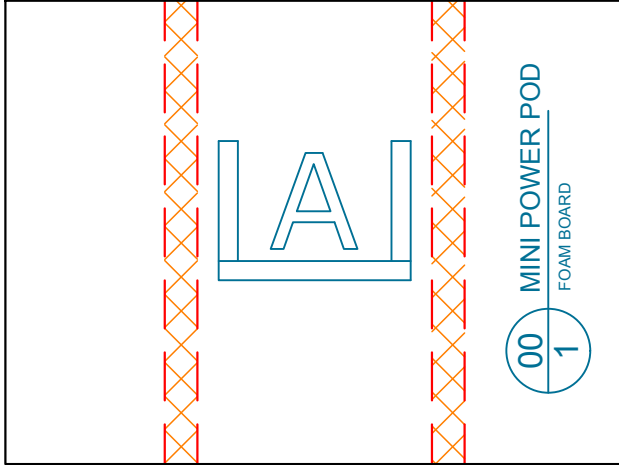
ADVANCED



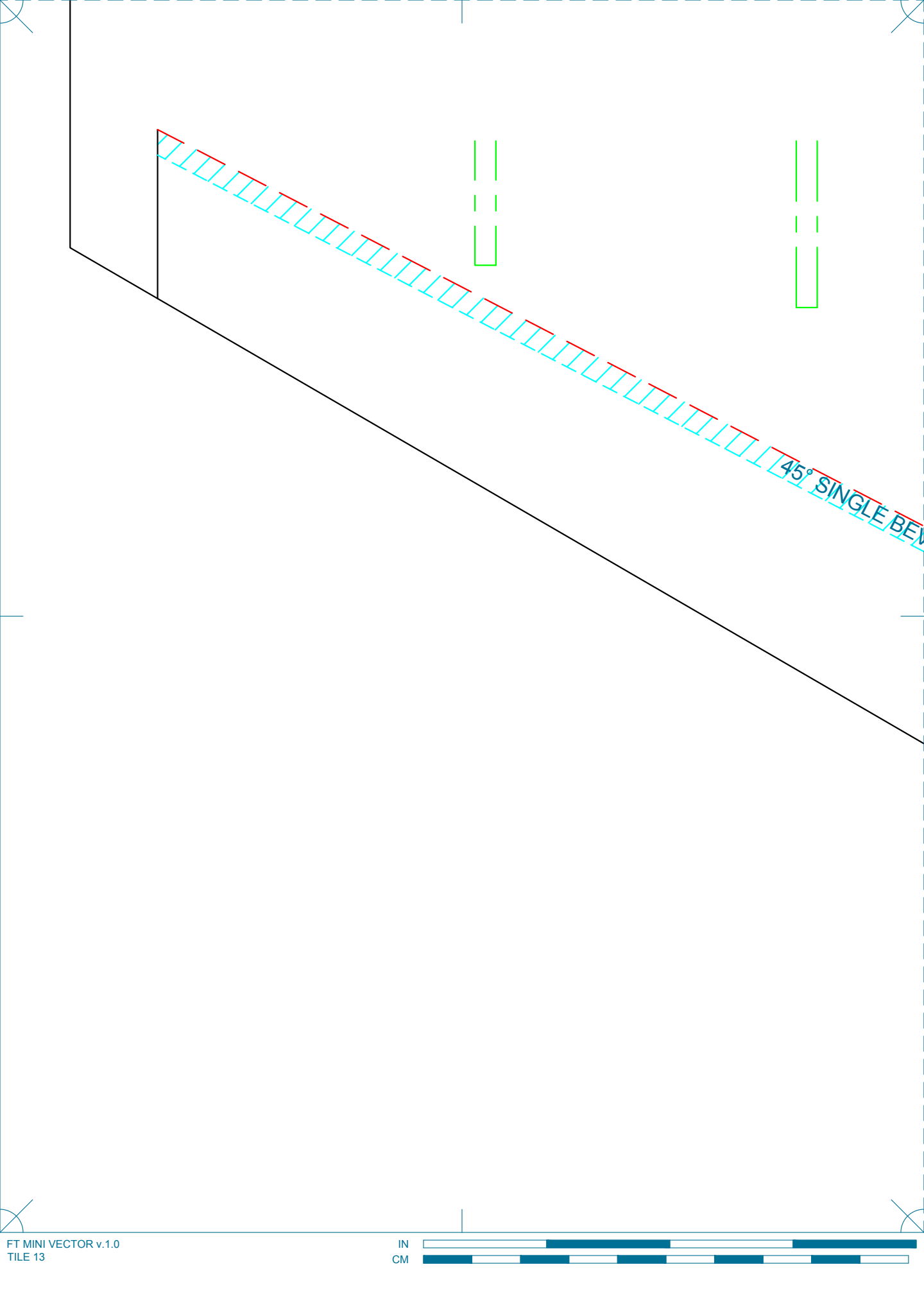
OPTIONAL: FORWARD SWEPT WING (FSW) PROFILE

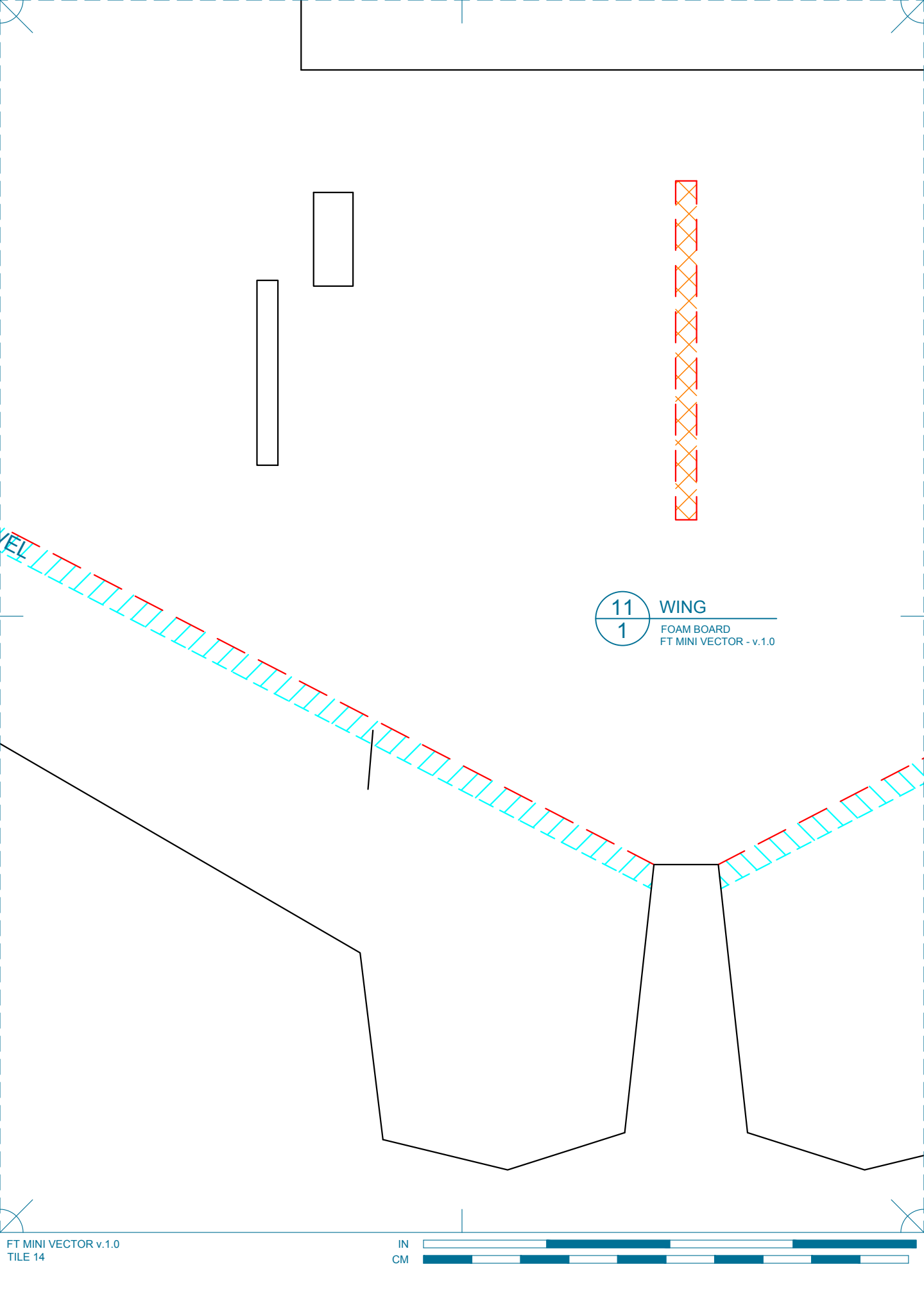
OPTIONAL: LEADING EDGE SLATS





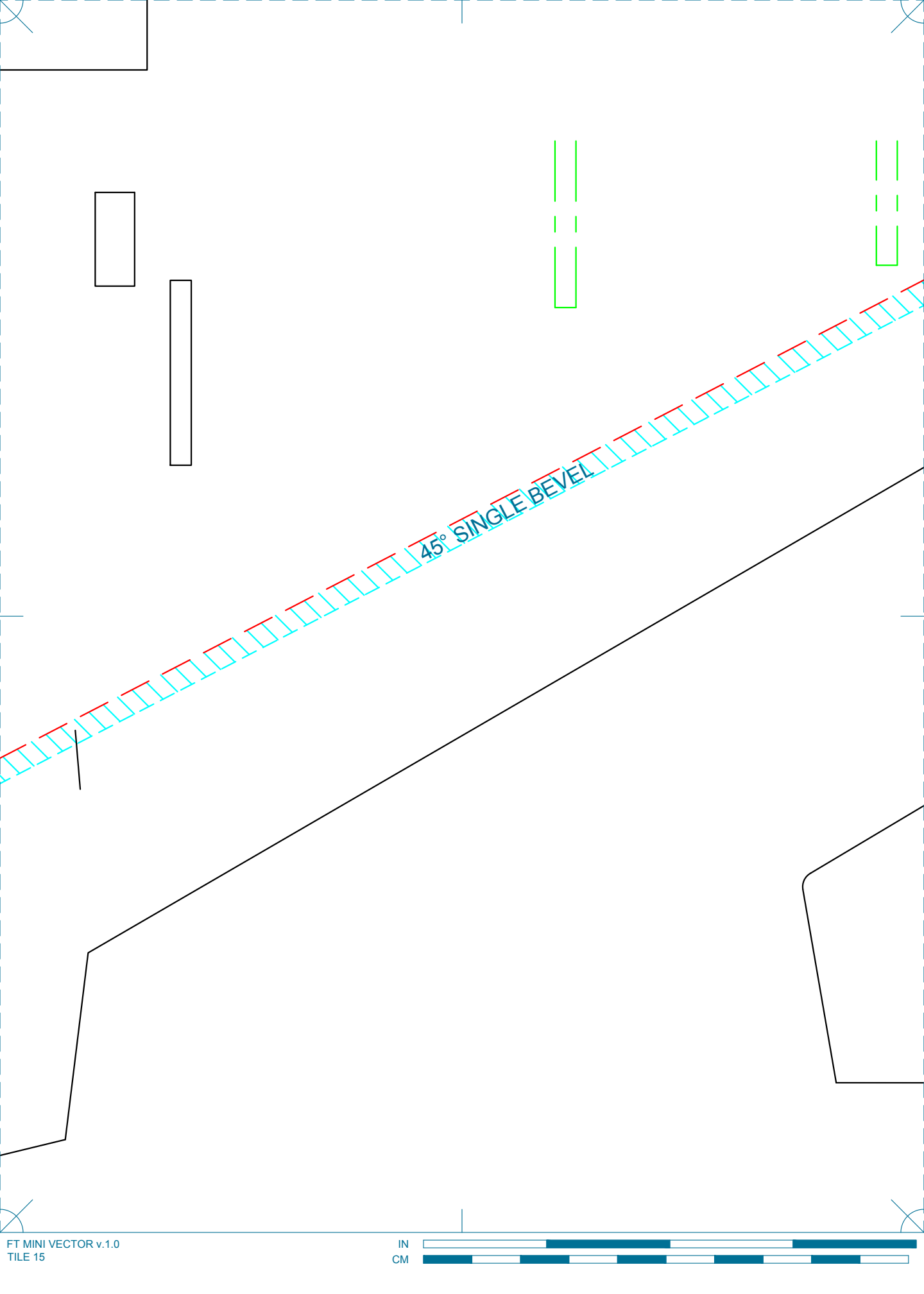
FOR FSW



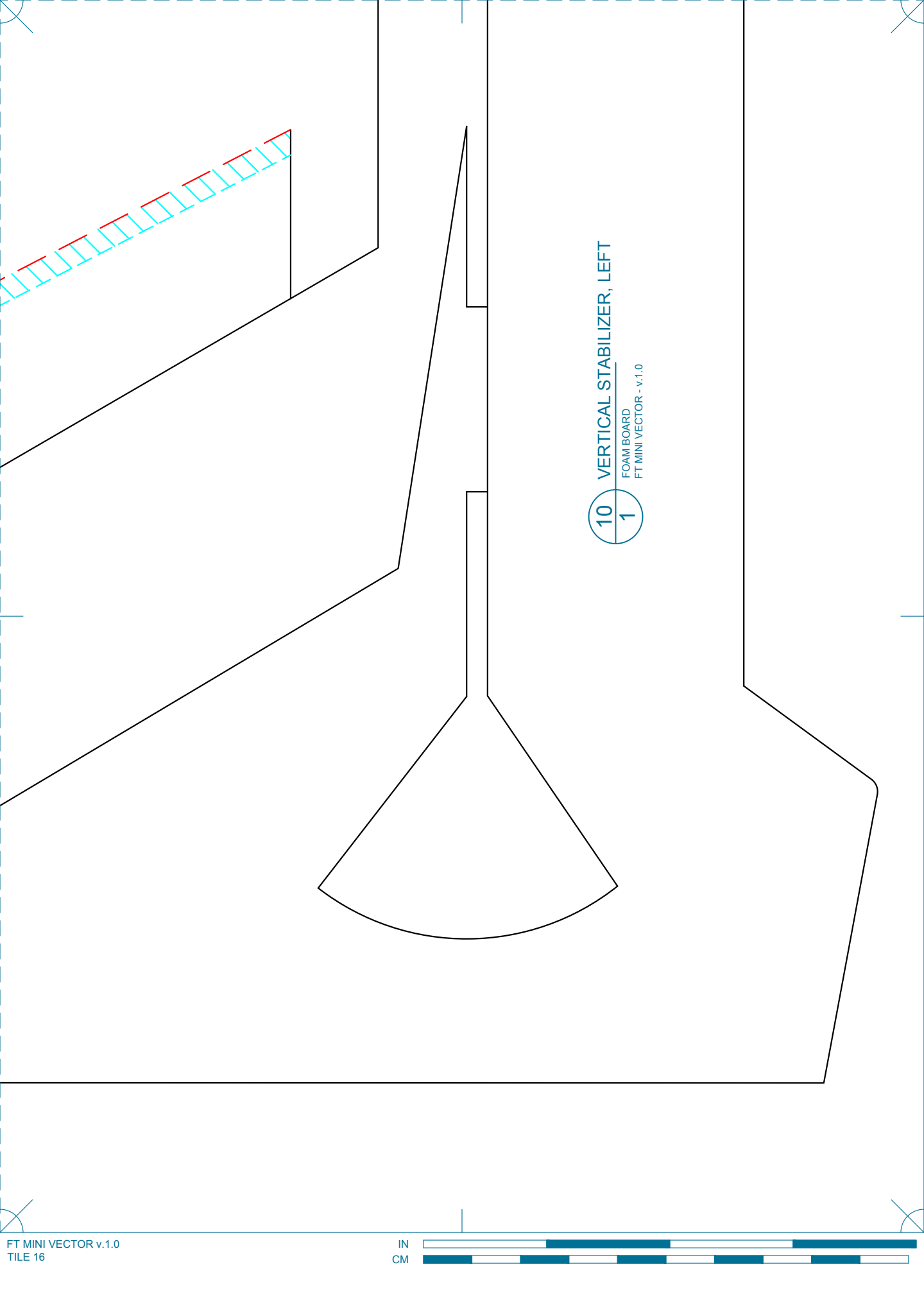


11  
1

WING  
FOAM BOARD  
FT MINI VECTOR - v.1.0



45° SINGLE BEVEL



10 VERTICAL STABILIZER, LEFT  
FOAM BOARD  
FT MINI VECTOR - v.1.0