



www.flitetest.com

FT Mini Commuter

Designed By: Ben Harber
Drawing By: Dan Sponholz
Version: 1.0
Date: 2019.06.30

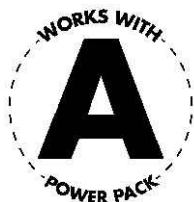


GENERAL SPECIFICATIONS:

LENGTH:	23.00 in		584 mm
CG:	1.00 in		25.4 mm
WINGSPAN:	30.00 in		762 mm
WING AREA:	142.0 in ²		9.2 dm ²
DRY WEIGHT:	8.3 oz.		234 g
ALL UP WEIGHT:	10.0 oz.		284 g
WING LOADING:	10.1 oz/ft ²		31 g/dm ²
WCL:	10.2		
THROWS:	12°		
EXPO:	30%		
CHANNELS:	3-4 [THR AIL ELE RUD]		

RECOMMENDED ELECTRONICS:

MOTOR:	1806 2280 kv
PROPELLER:	6x3
ESC:	20a min.
SERVOS:	3-4X 5 g
BATTERY:	650-950 mAh 2S



BUILD SKILL LEVEL:

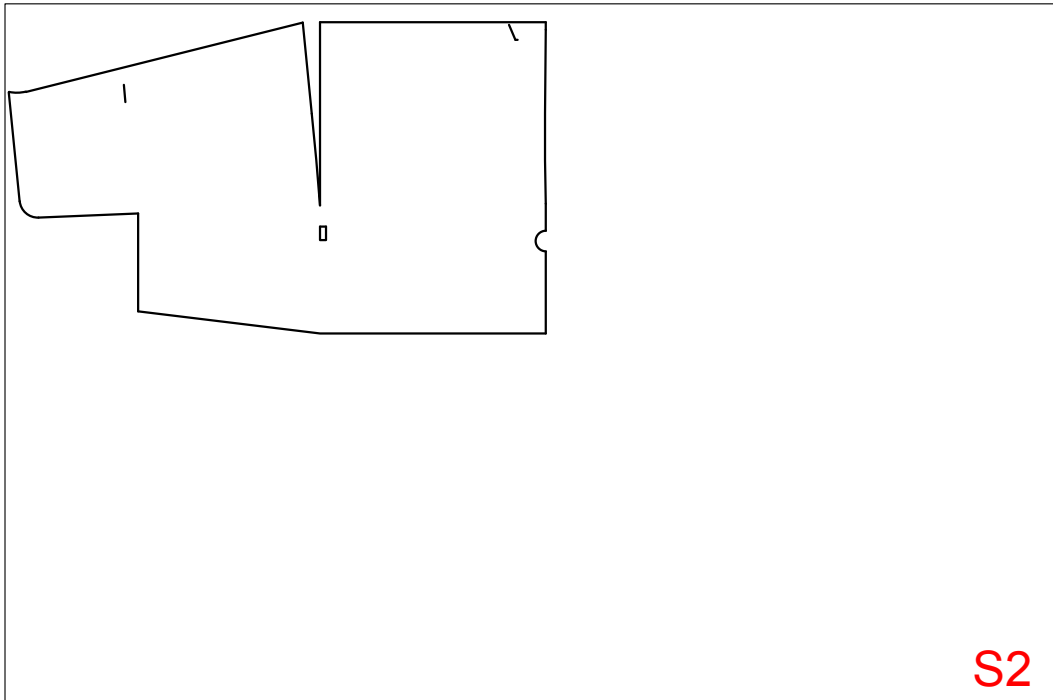
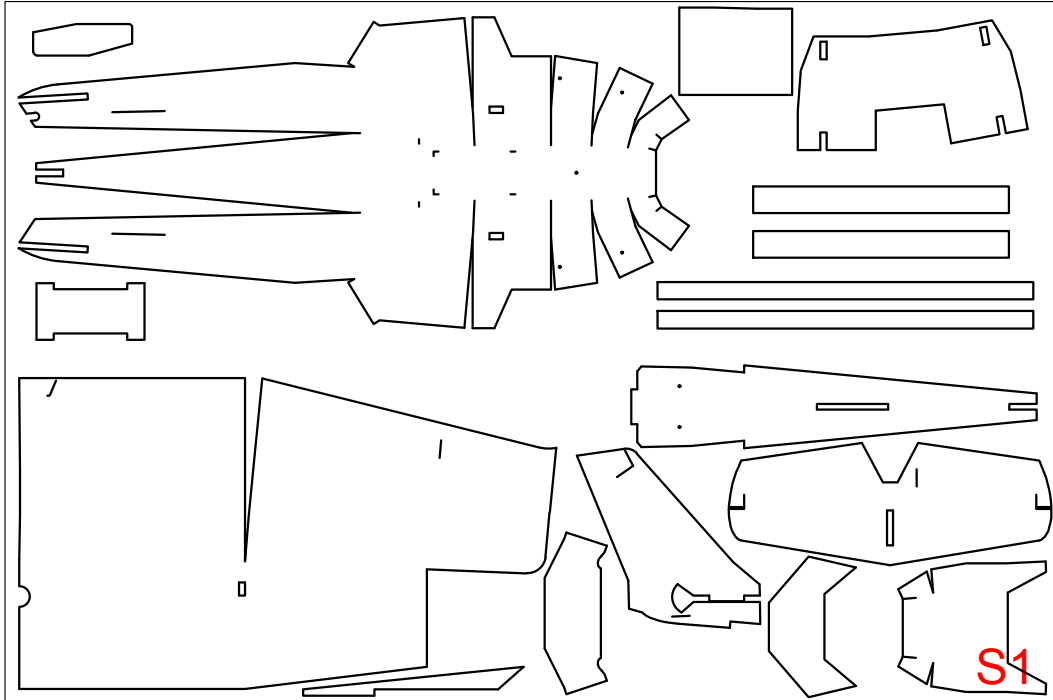


PILOT SKILL LEVEL:



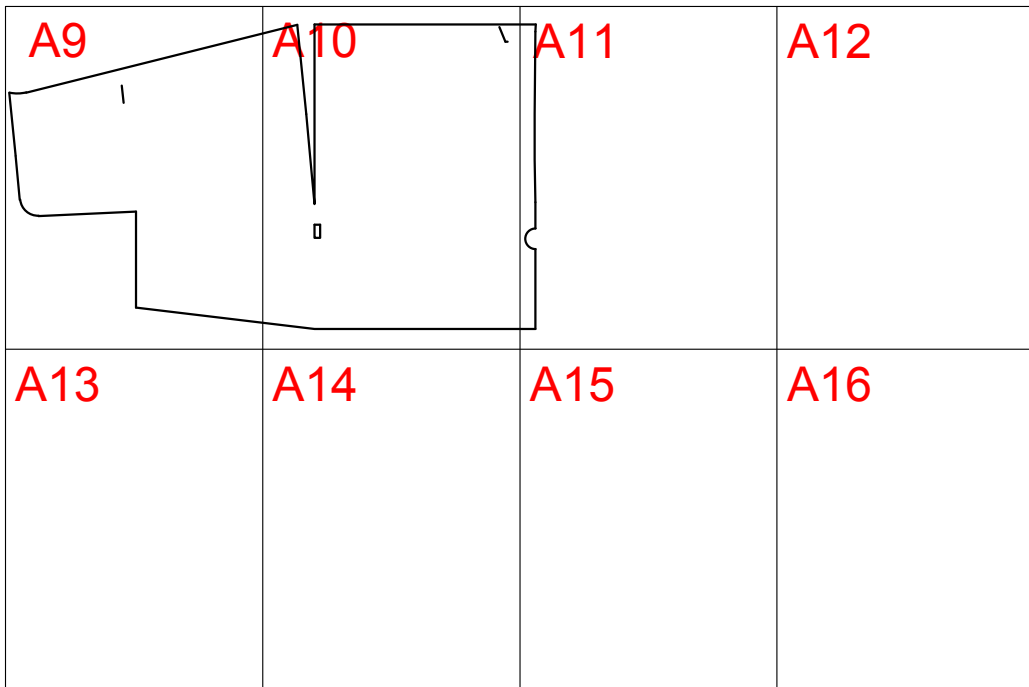
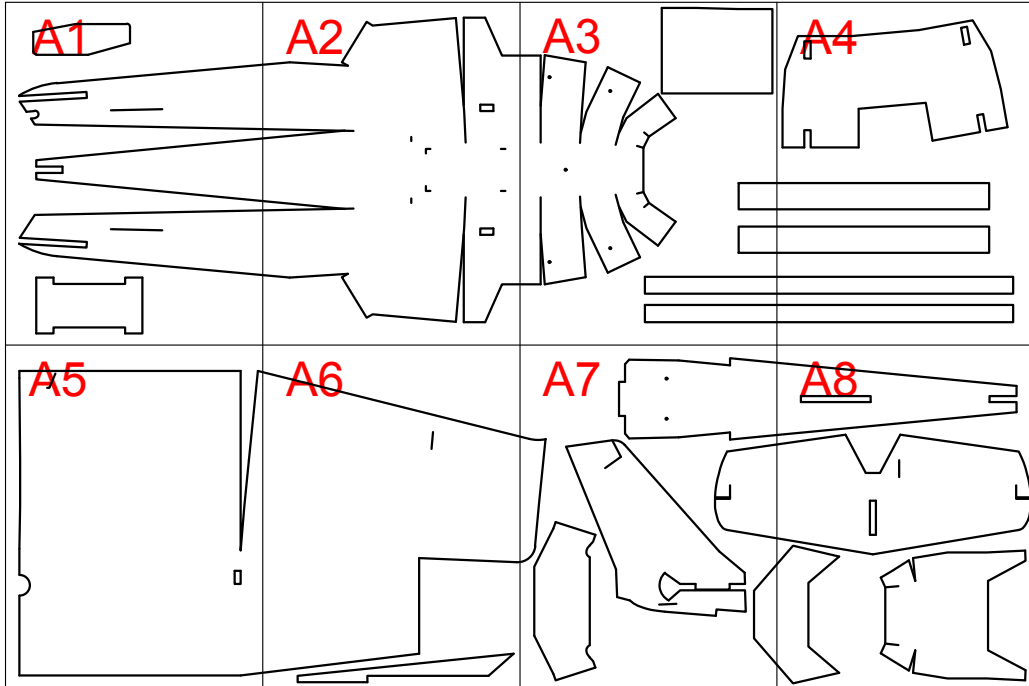


FT Mini Commuter: Full-Size Key



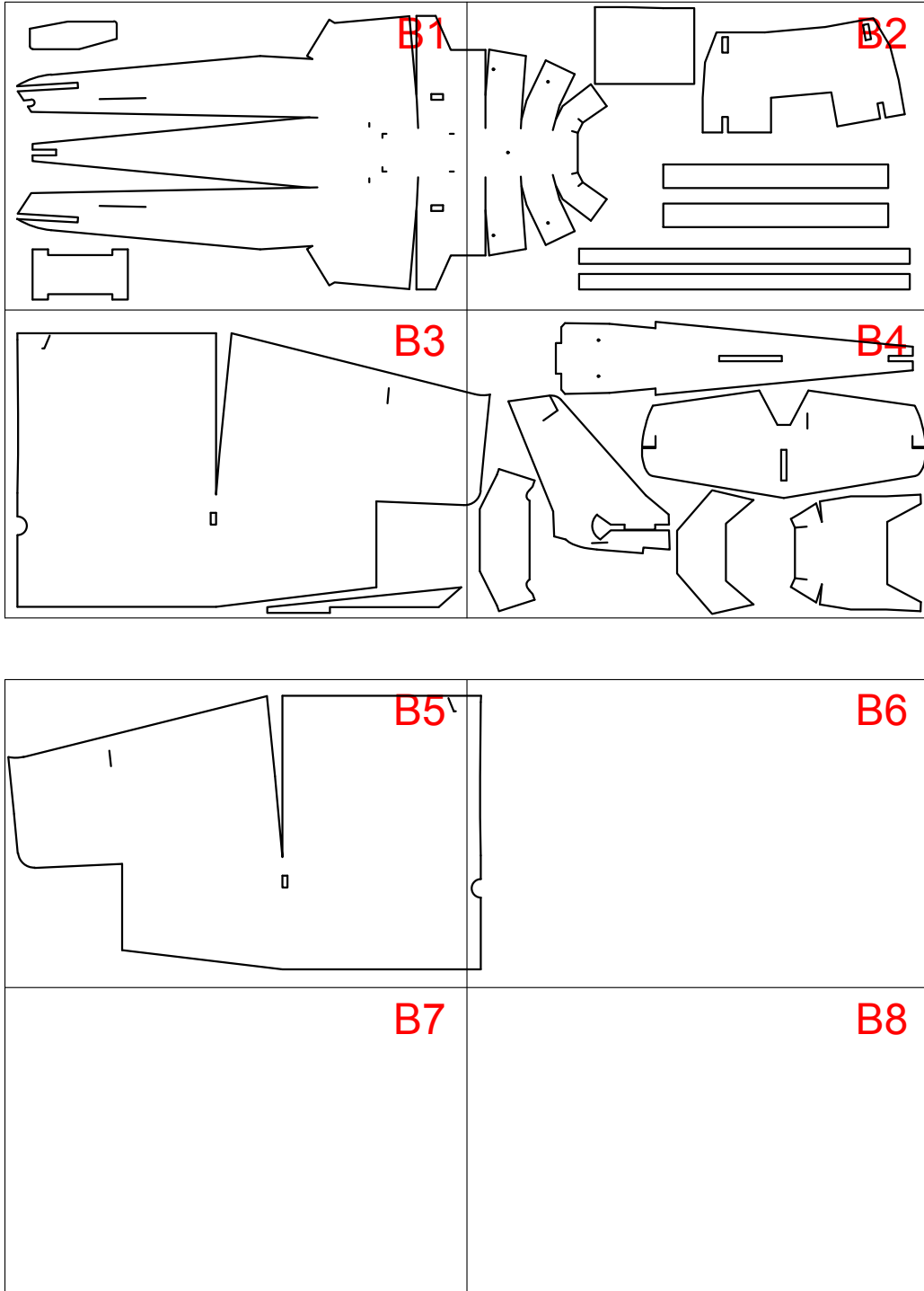


FT Mini Commuter: Tile A Key





FT Mini Commuter: Tile B Key

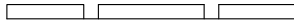
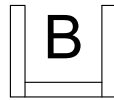
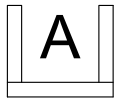




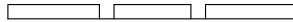
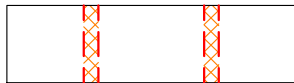
Drawing Key



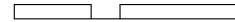
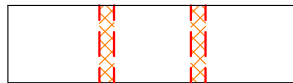
FOLD TYPES



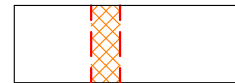
A - FOLD (ABOVE)



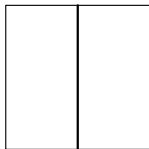
B - FOLD (BESIDE)



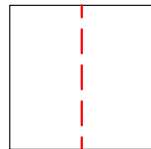
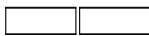
C - FOLD (COVER)



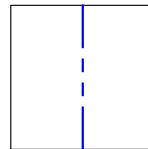
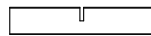
LINE TYPE/COLOR



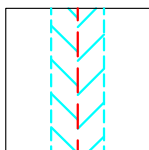
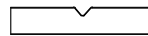
CUT



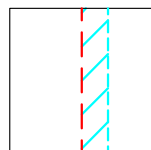
50% SCORE



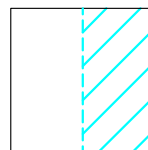
CREASE



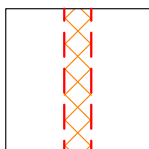
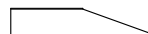
45° DOUBLE BEVEL



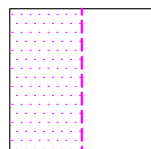
45° SINGLE BEVEL



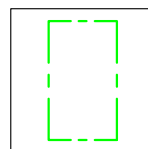
EDGE BEVEL



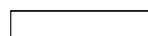
CAVITY



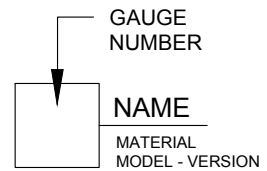
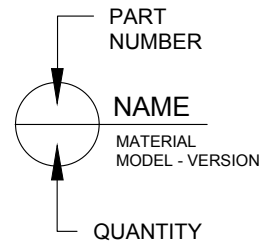
REMOVE PAPER



REFERENCE/
OPTIONAL



SYMBOLS



CENTER OF GRAVITY (CG)

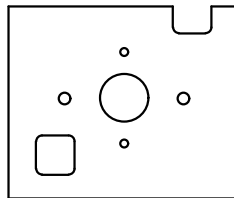


FT Mini Commuter: Wood Parts

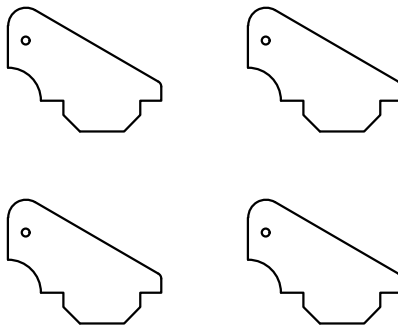


HOBBY GRADE PLYWOOD
1/16" (1.6 mm) THICK

FT MINI FIREWALL

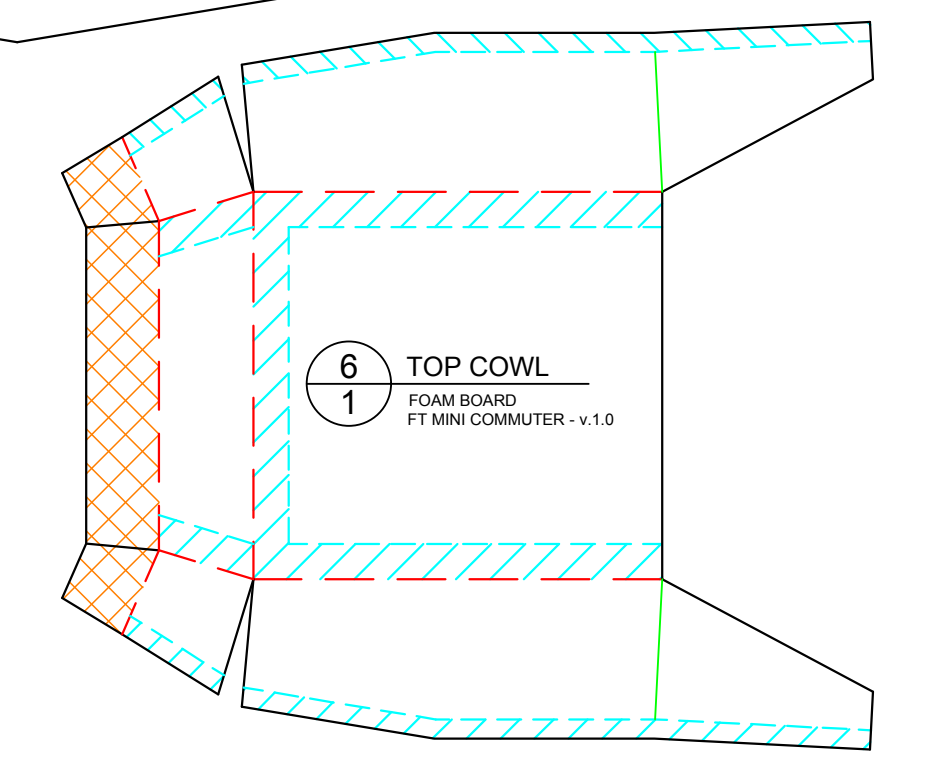
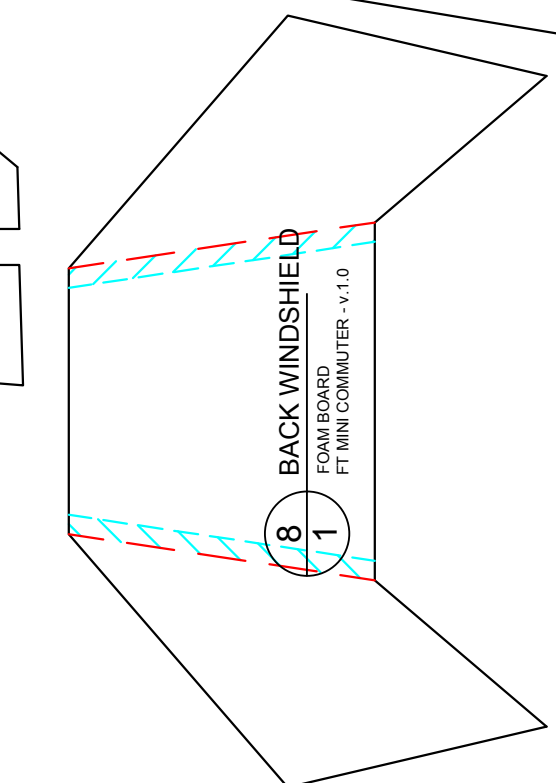
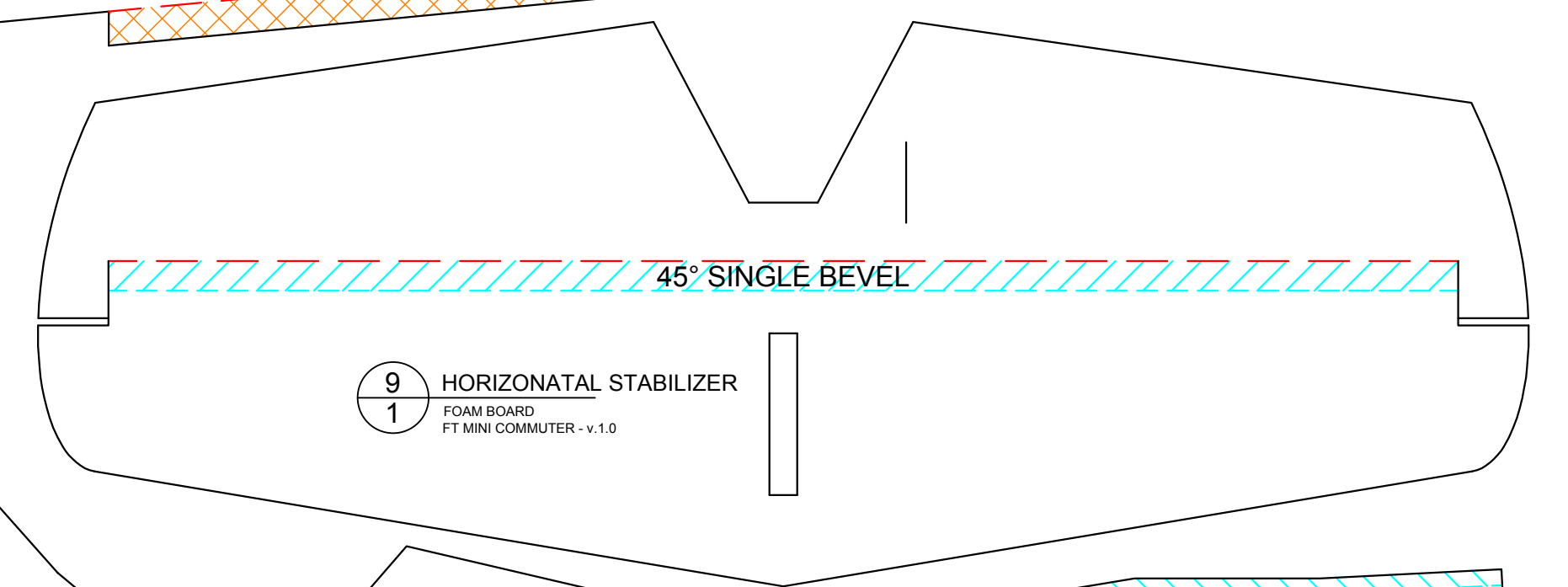
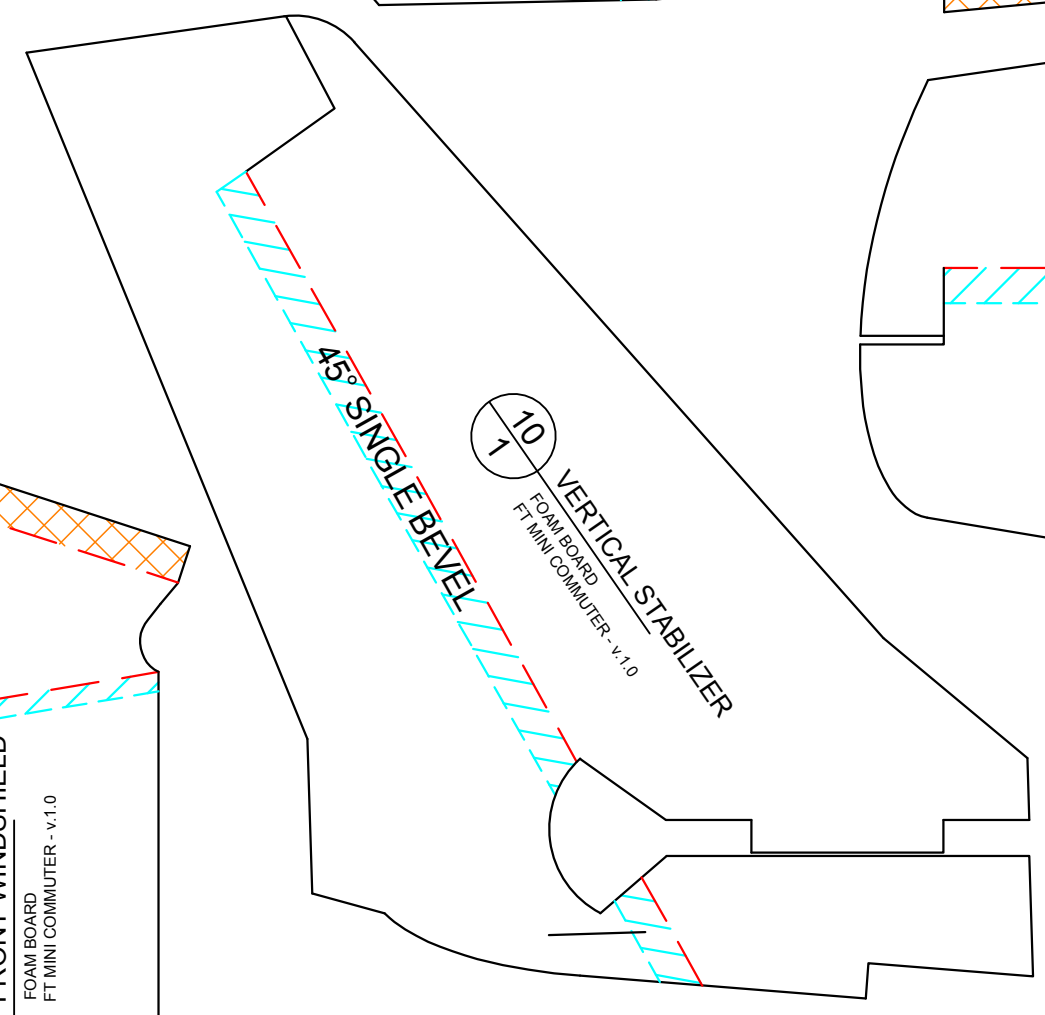
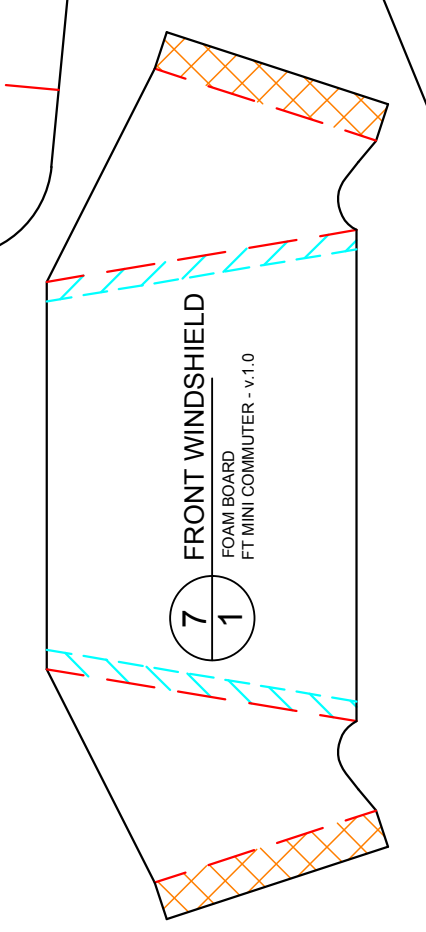
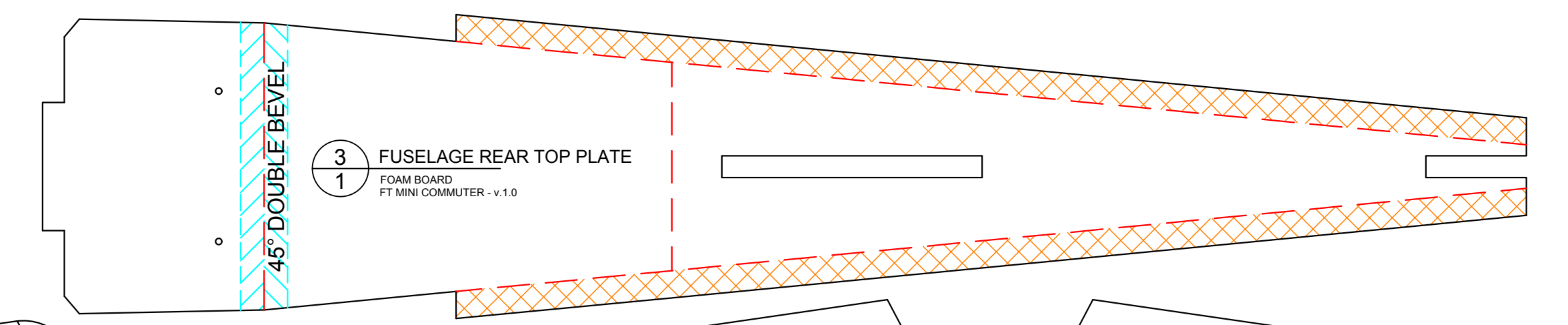
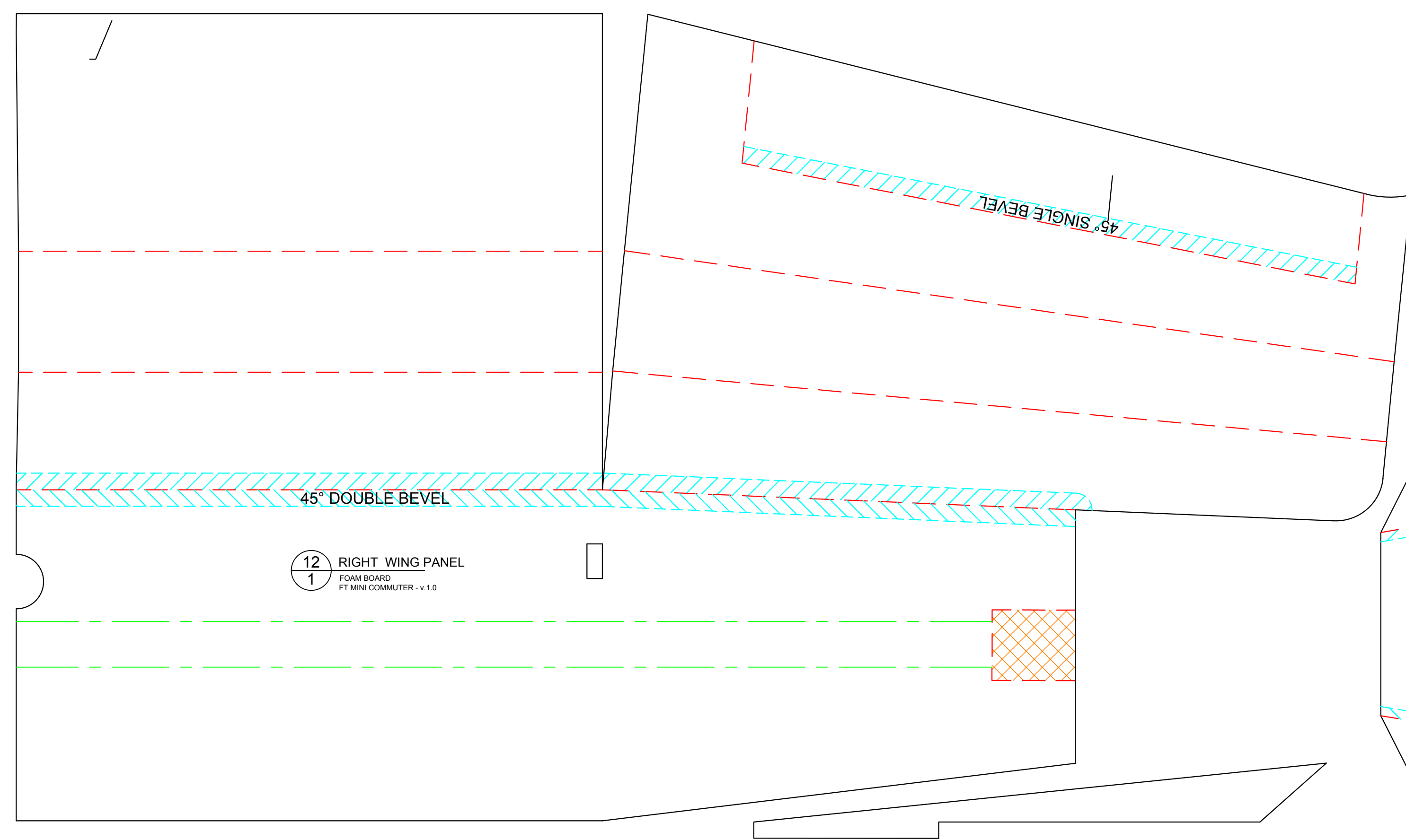
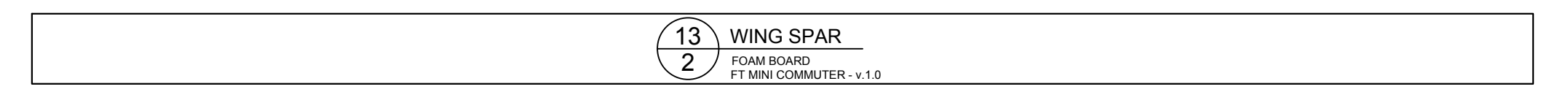
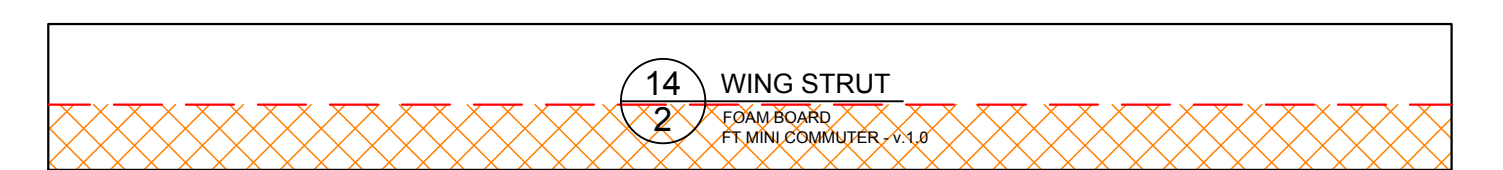
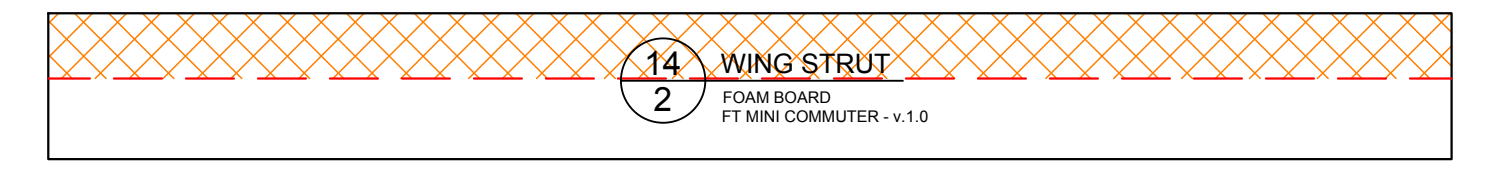
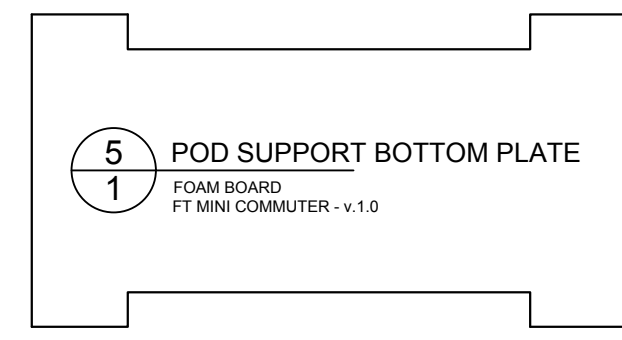
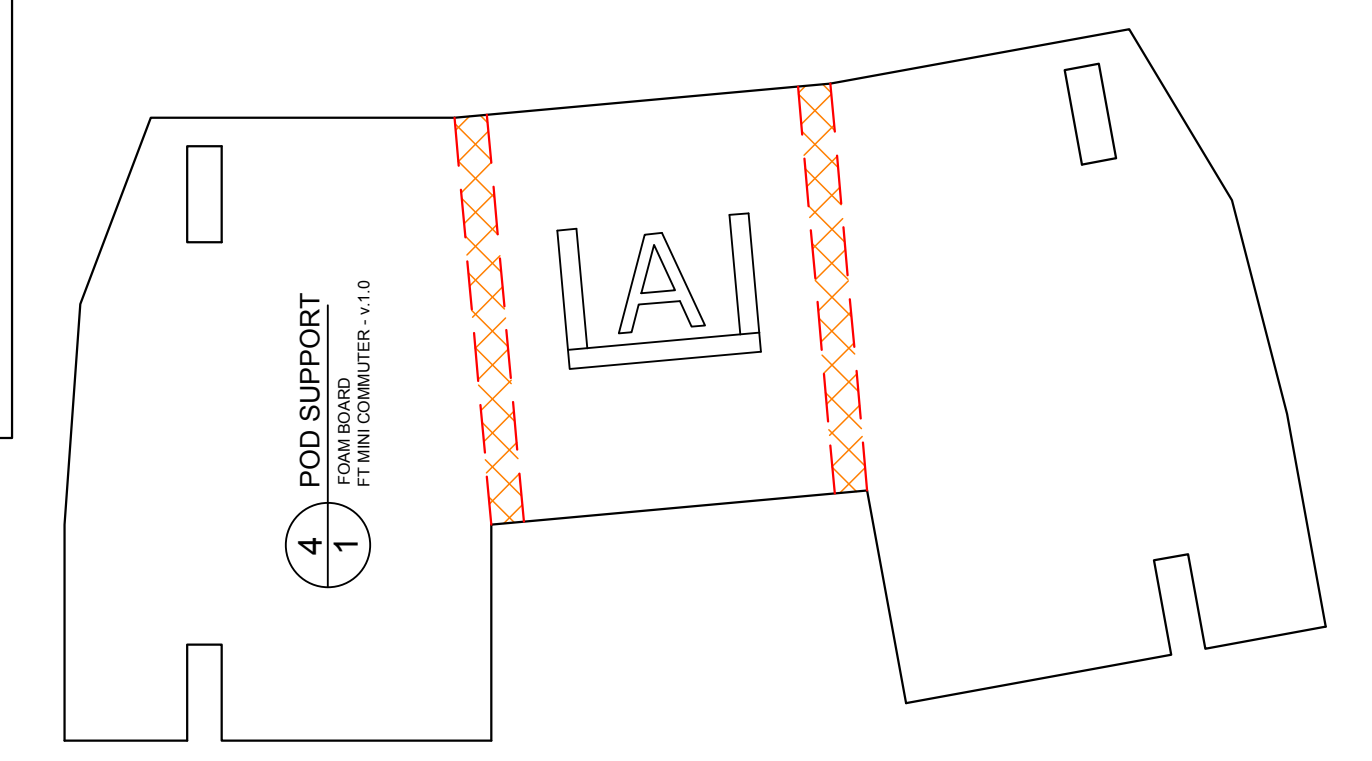
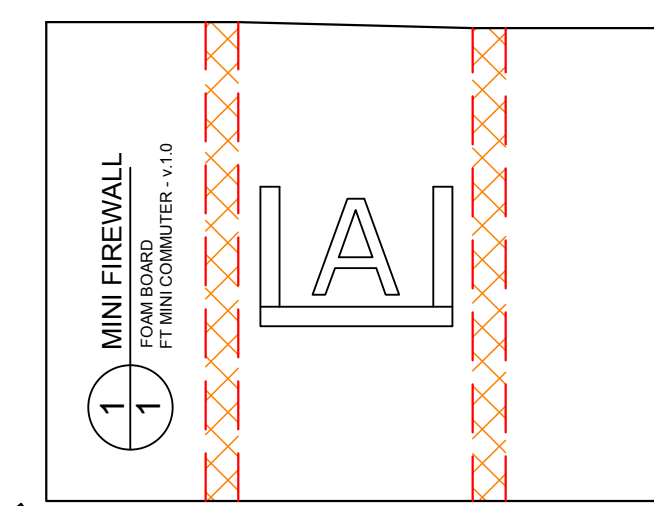
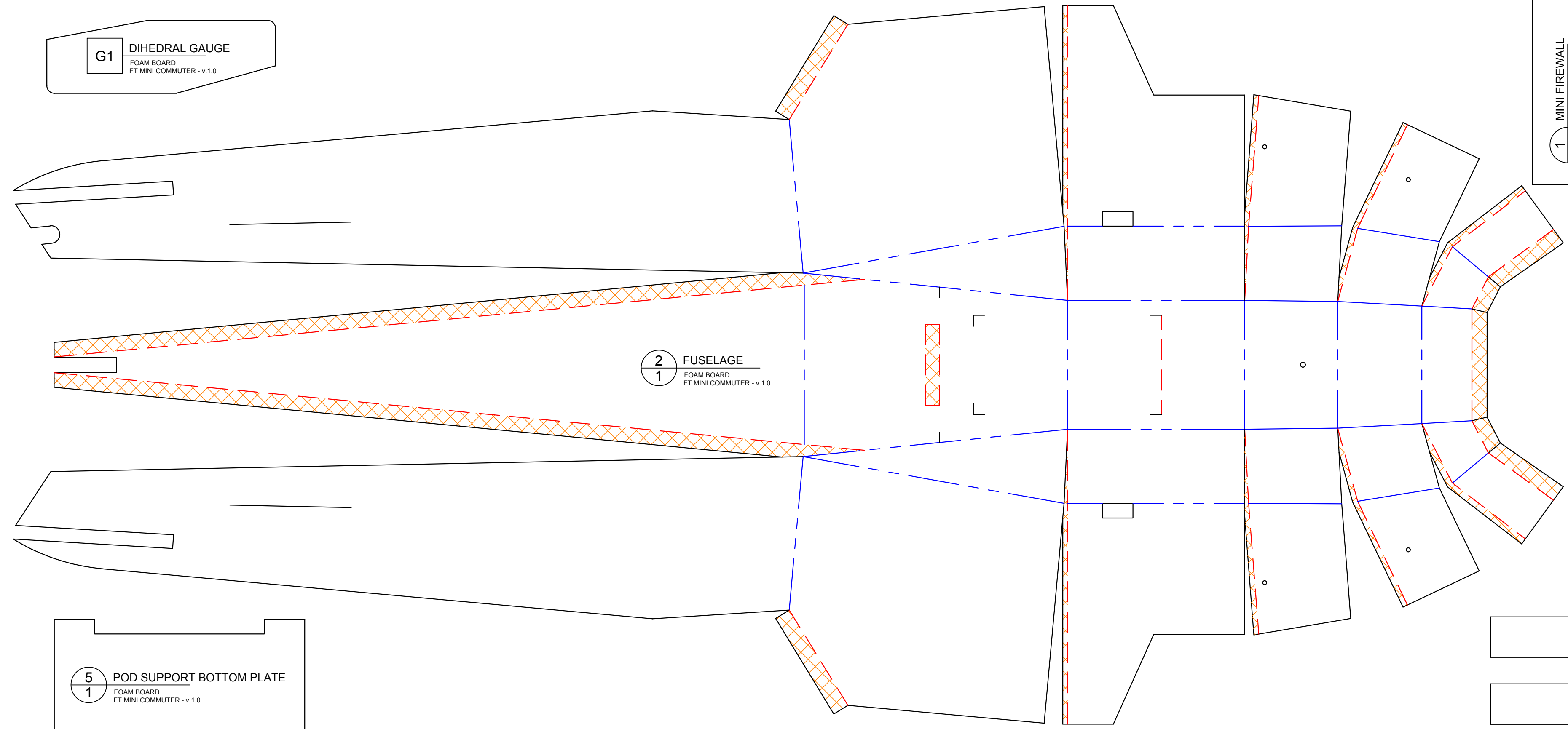
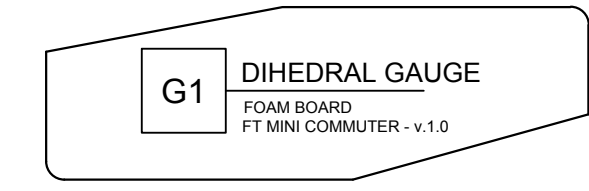
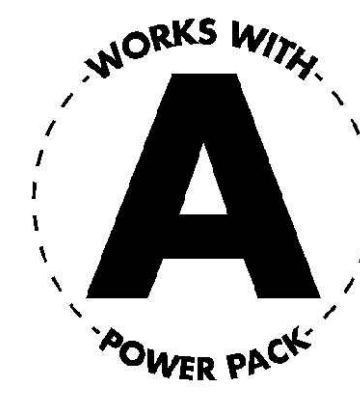


FT MINI CONTROL HORNS



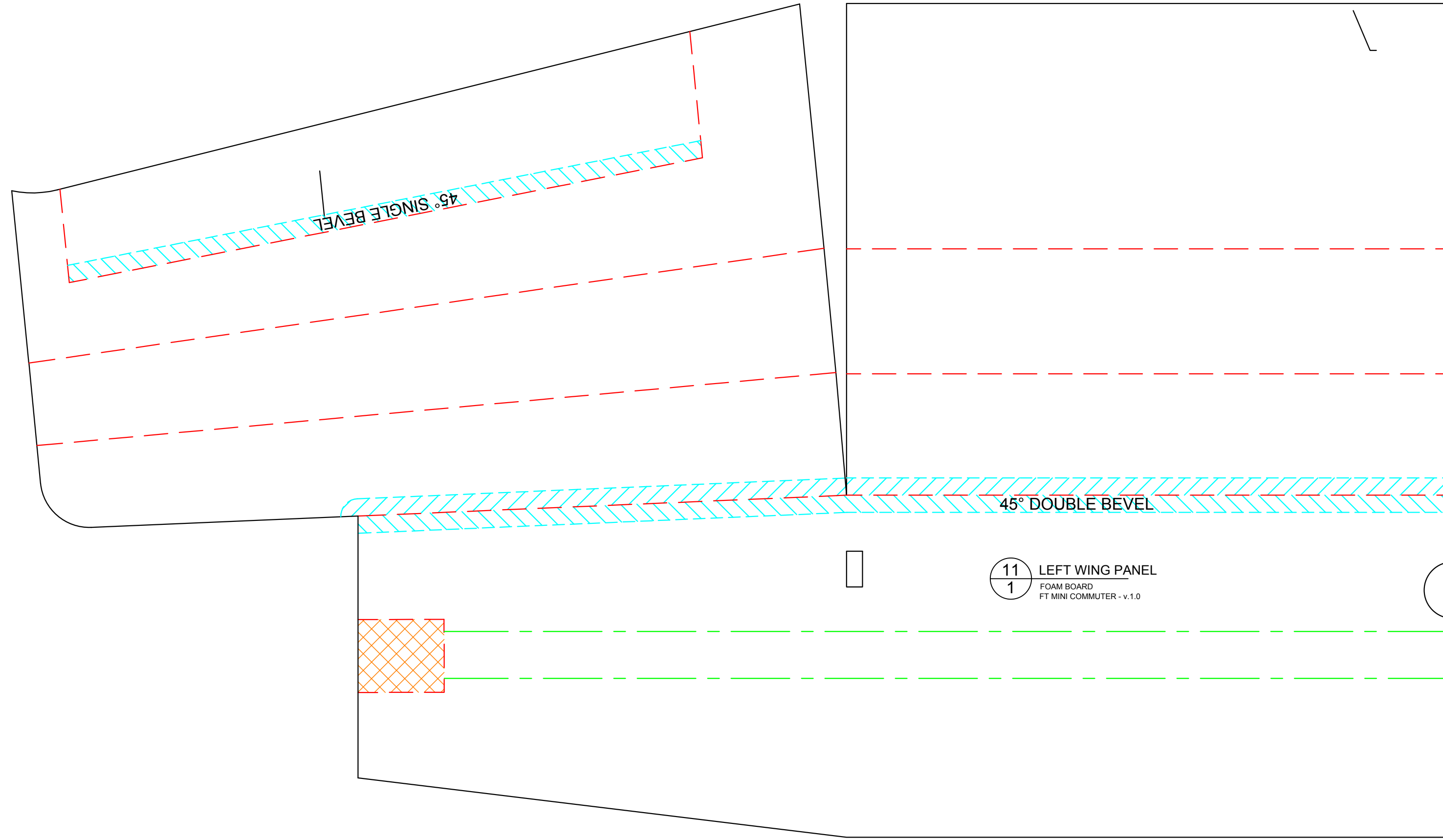
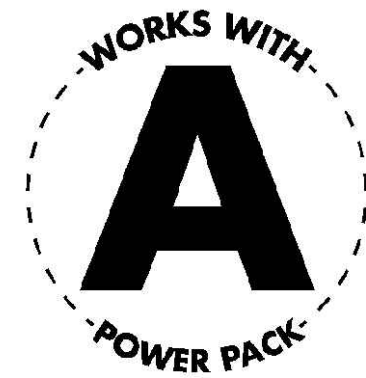
FT Mini Commuter

Designed By: Ben Harber
Drawing By: Dan Sponholz
Version: 1.0
Date: 2019.06.30



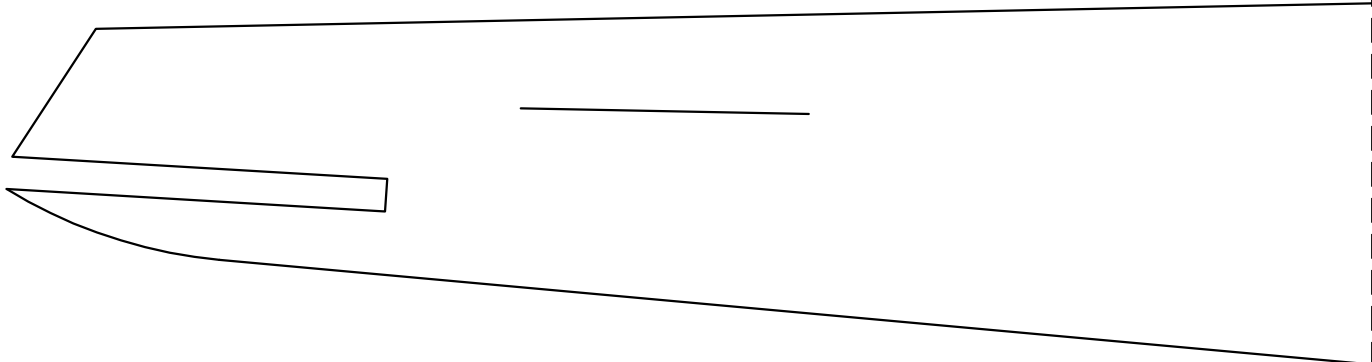
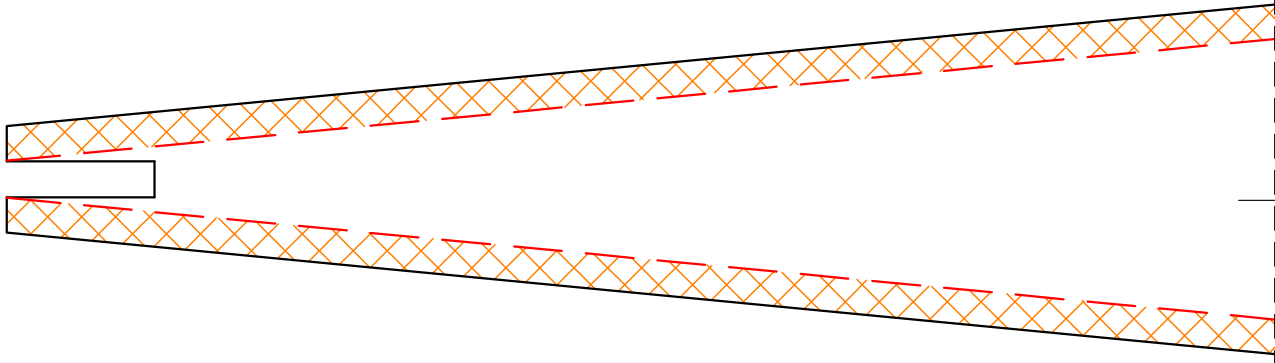
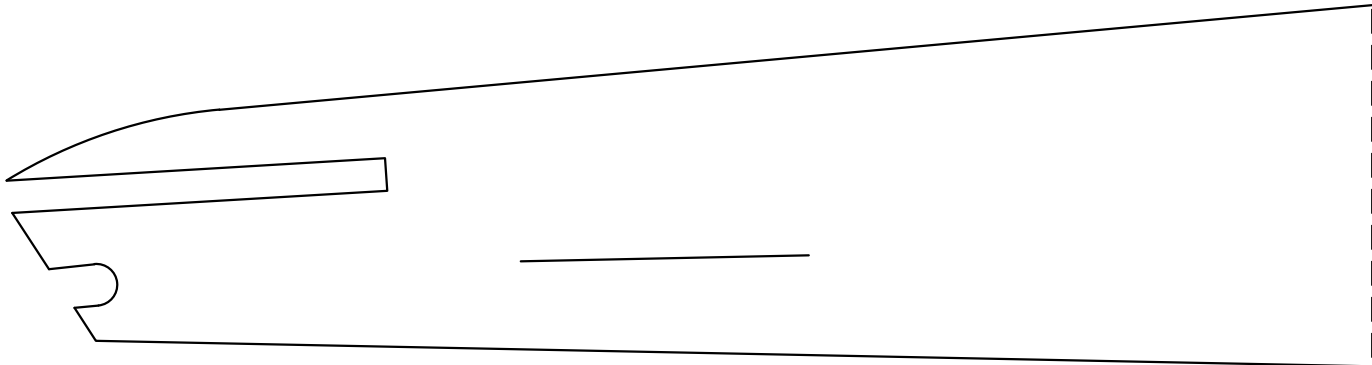
FT Mini Commuter

Designed By: Ben Harber
Drawing By: Dan Sponholz
Version: 1.0
Date: 2019.06.30

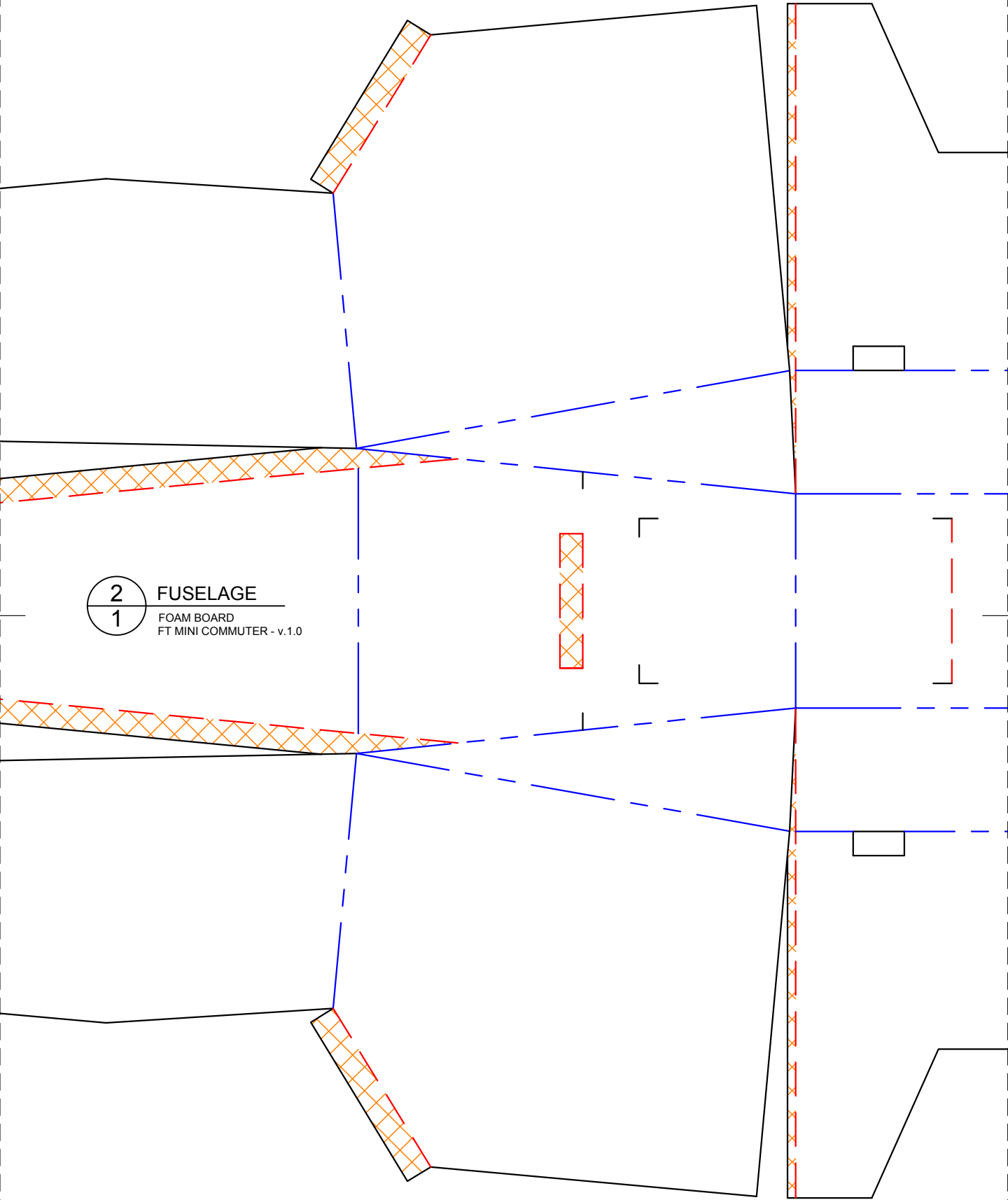




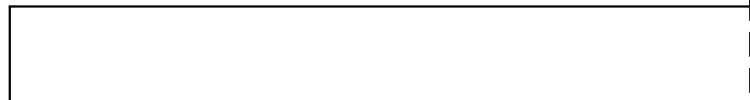
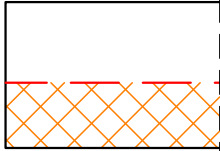
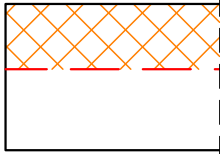
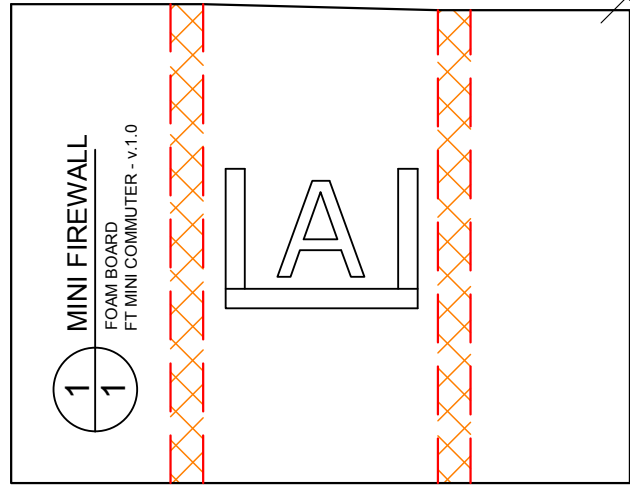
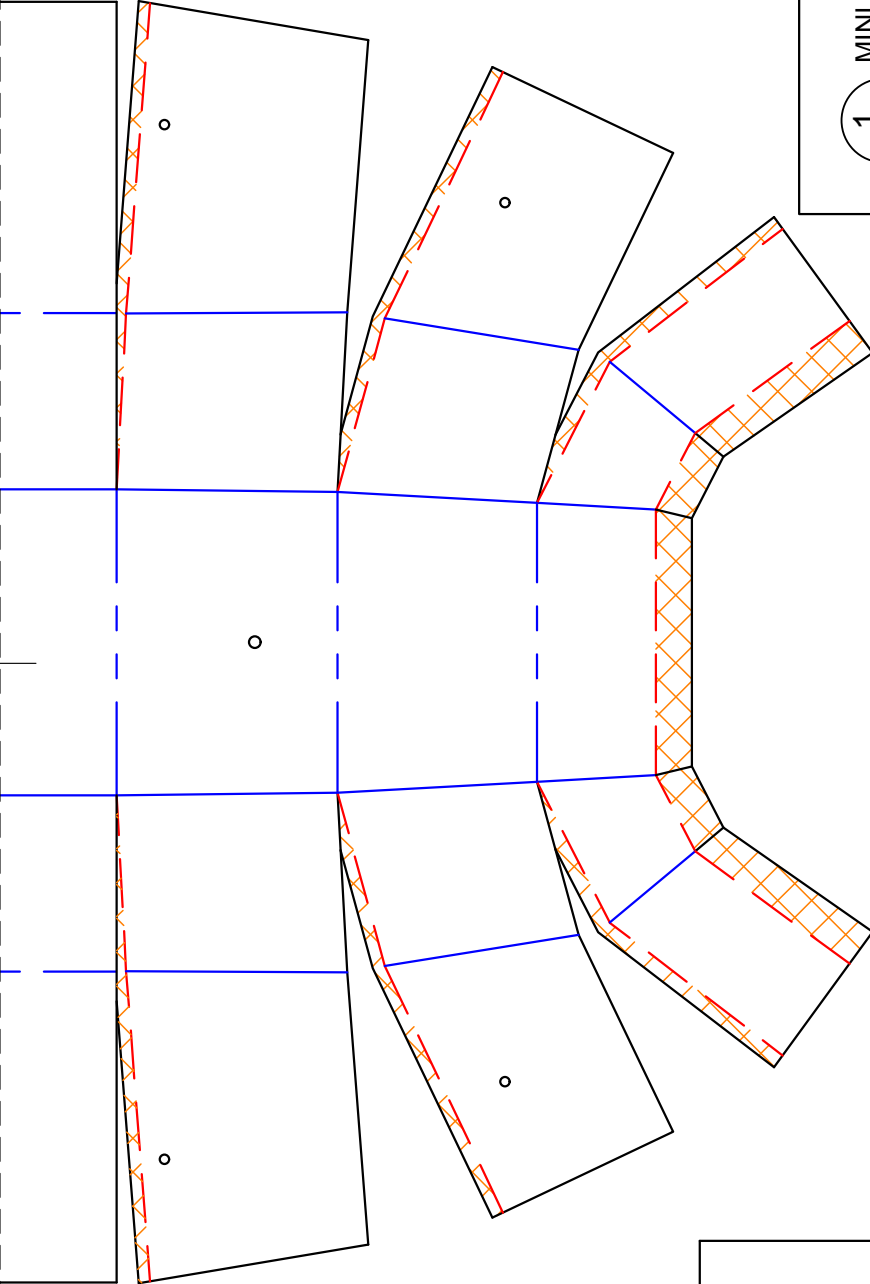
G1 **DIHEDRAL GAUGE**
FOAM BOARD
FT MINI COMMUTER - v.1.0

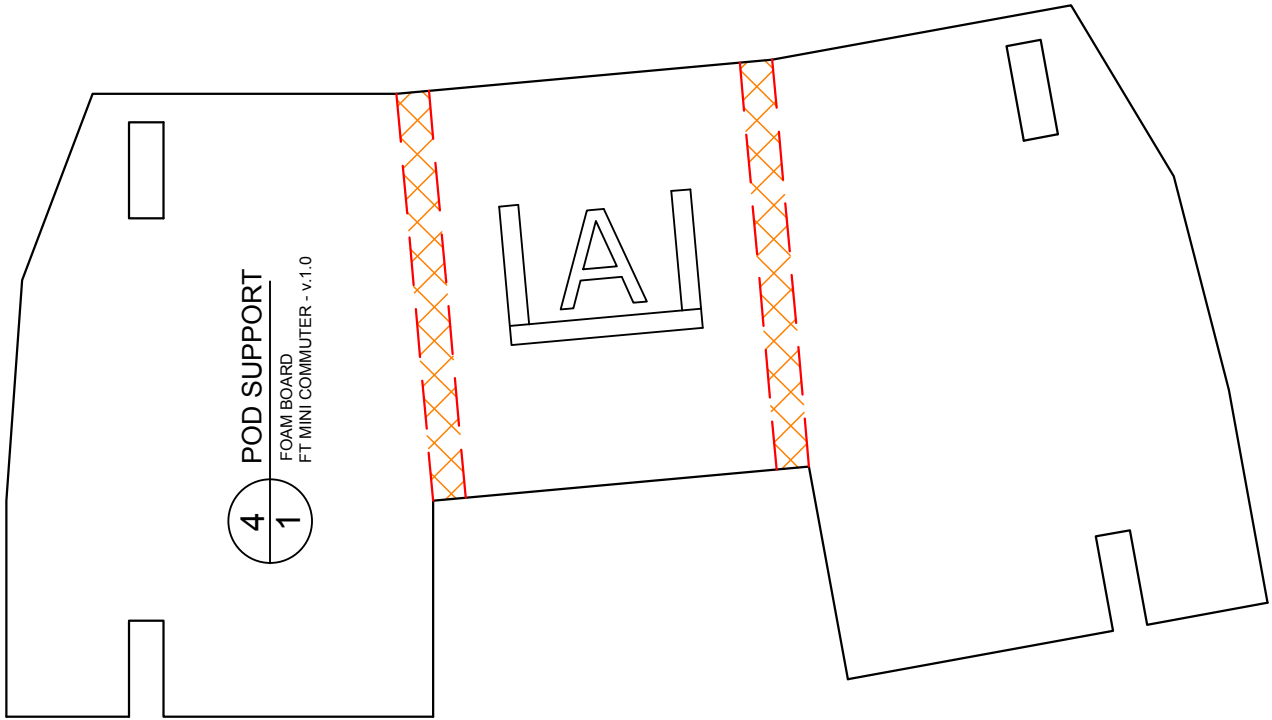


5 **POD SUPPORT BOTTOM PLATE**
1 FOAM BOARD
FT MINI COMMUTER - v.1.0



2 FUSELAGE
1 FOAM BOARD
FT MINI COMMUTER - v.1.0



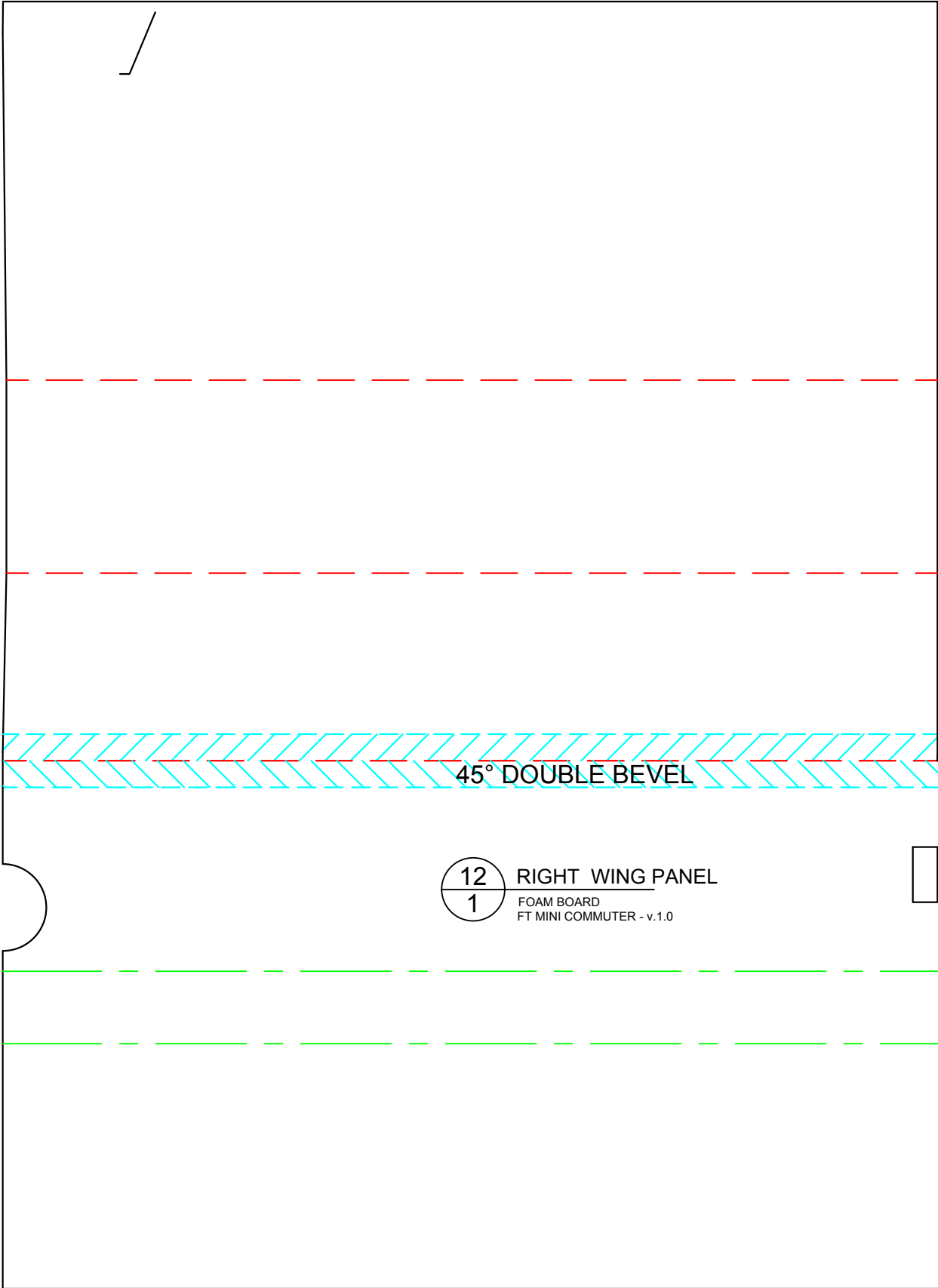


14
2 WING STRUT
FOAM BOARD
FT MINI COMMUTER - v.1.0

14
2 WING STRUT
FOAM BOARD
FT MINI COMMUTER - v.1.0

13
2 WING SPAR
FOAM BOARD
FT MINI COMMUTER - v.1.0

13
2 WING SPAR
FOAM BOARD
FT MINI COMMUTER - v.1.0



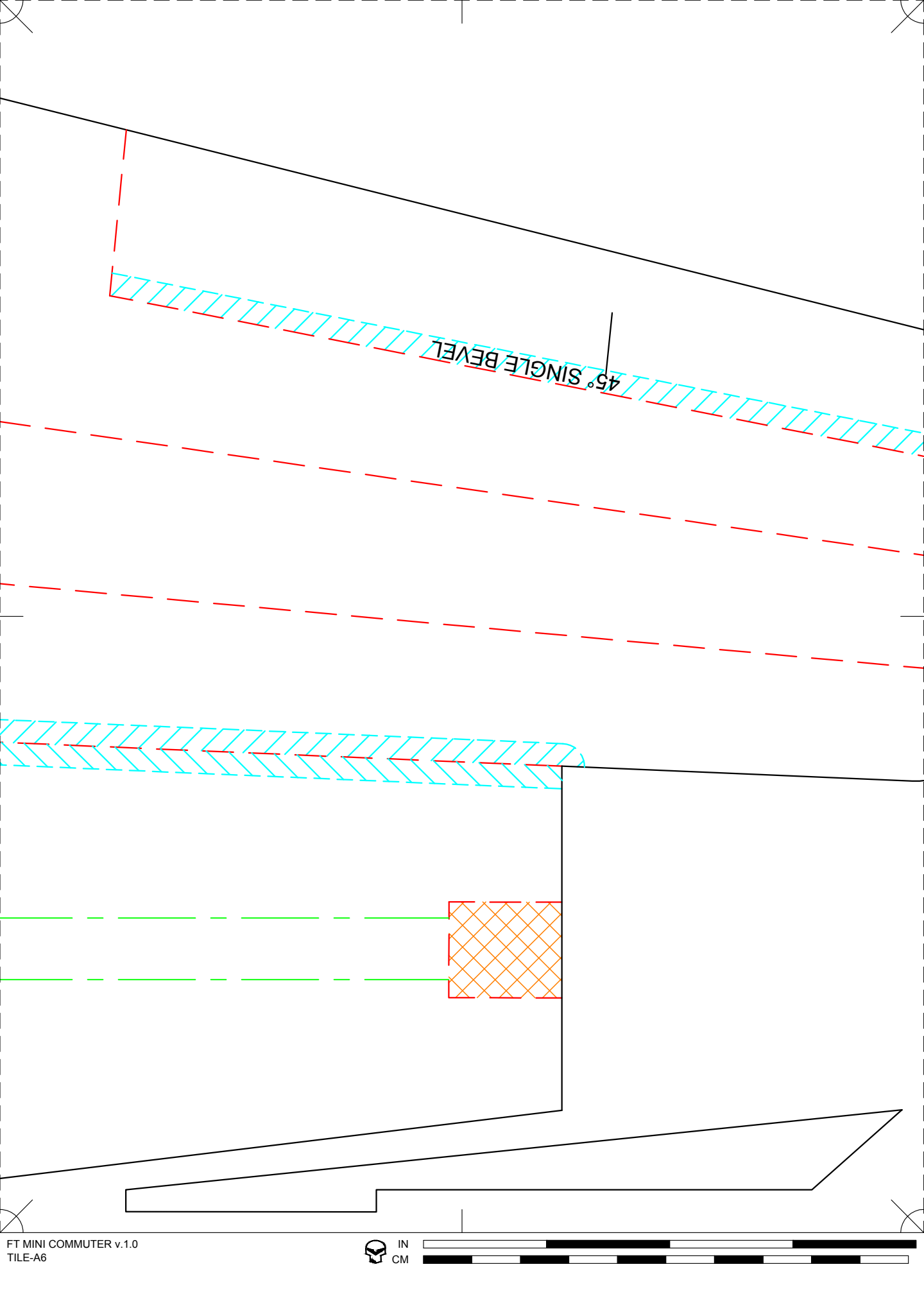
45° DOUBLE BEVEL

12
1

RIGHT WING PANEL

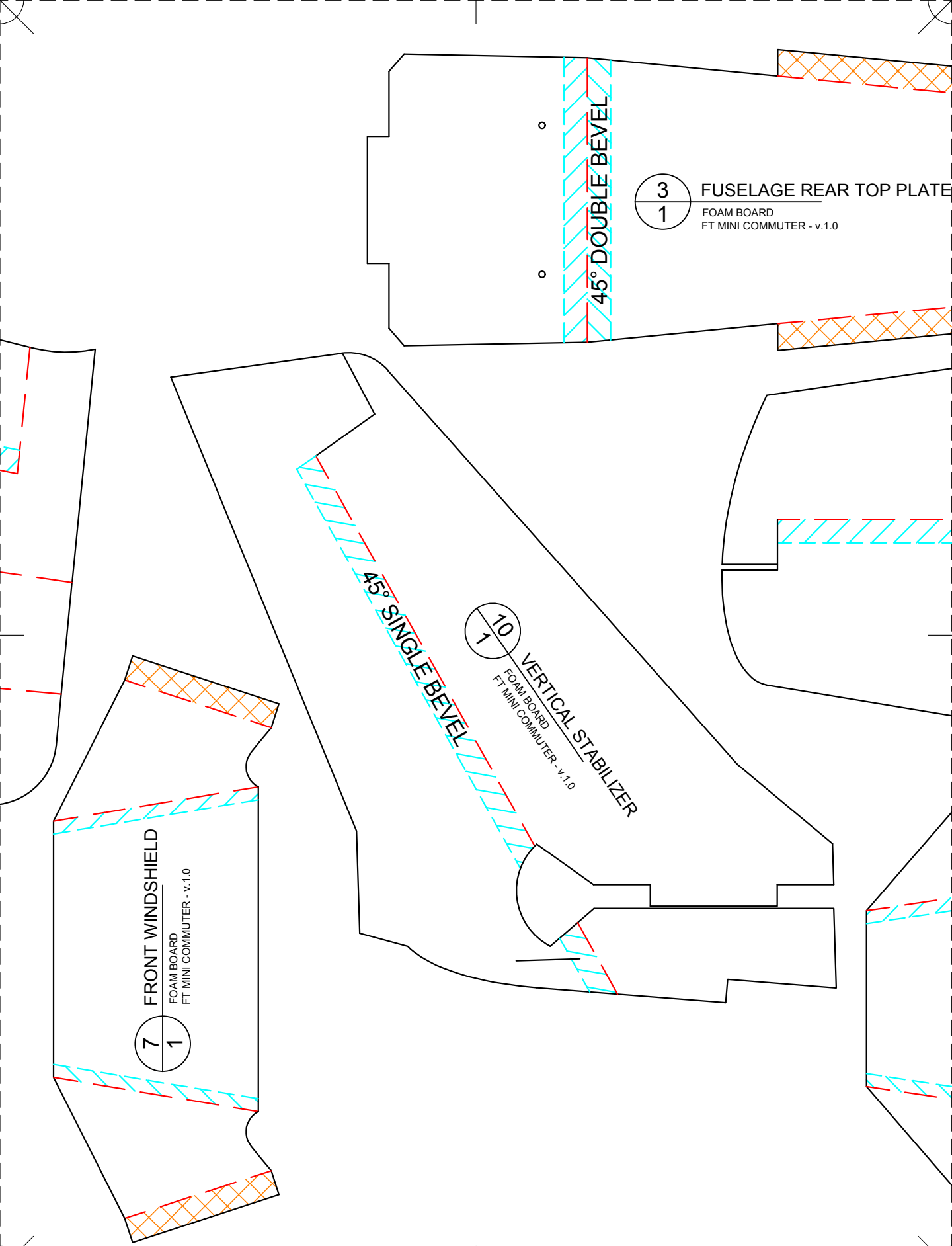
FOAM BOARD
FT MINI COMMUTER - v.1.0

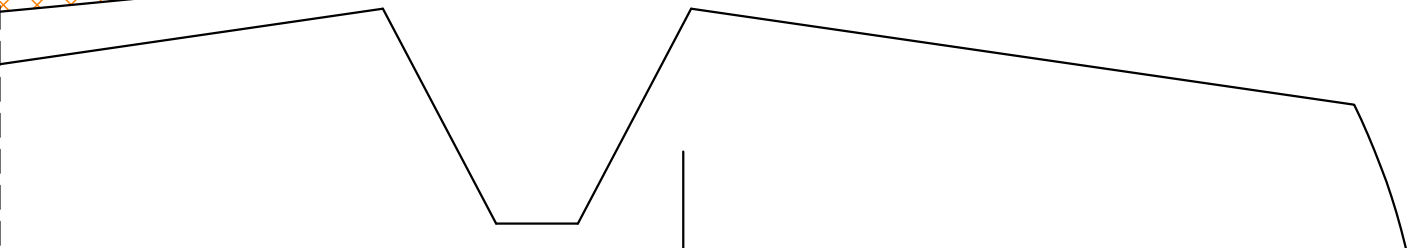
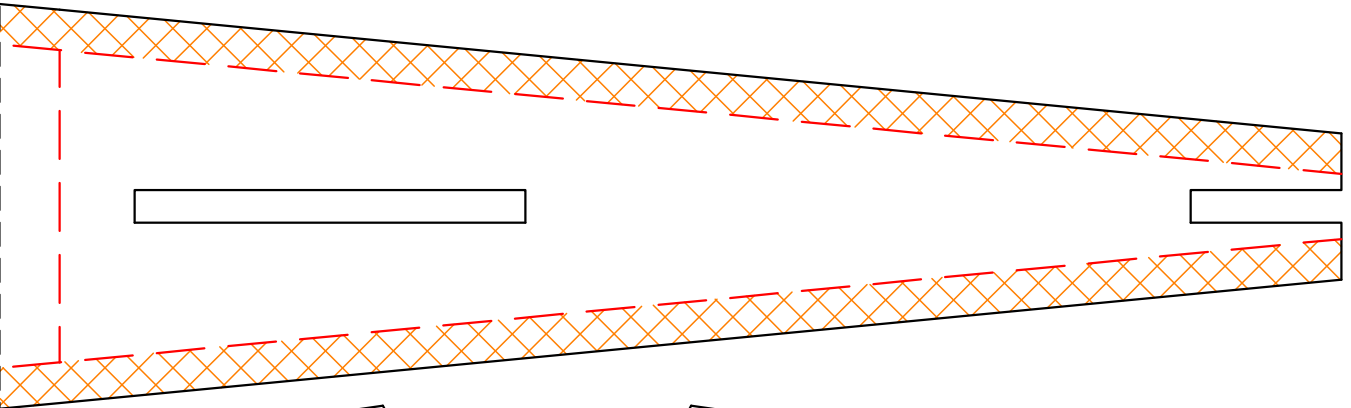




45° SINGLE BEVEL

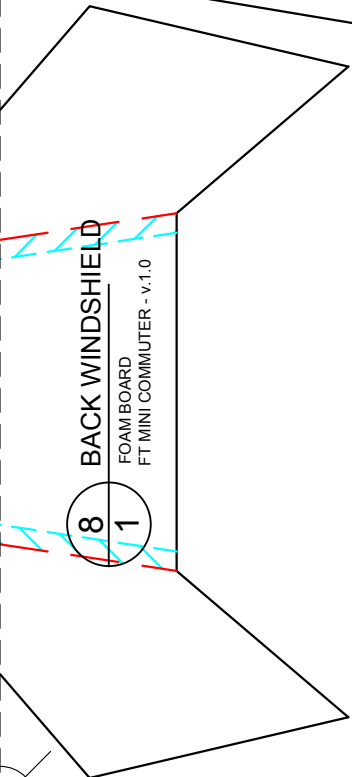




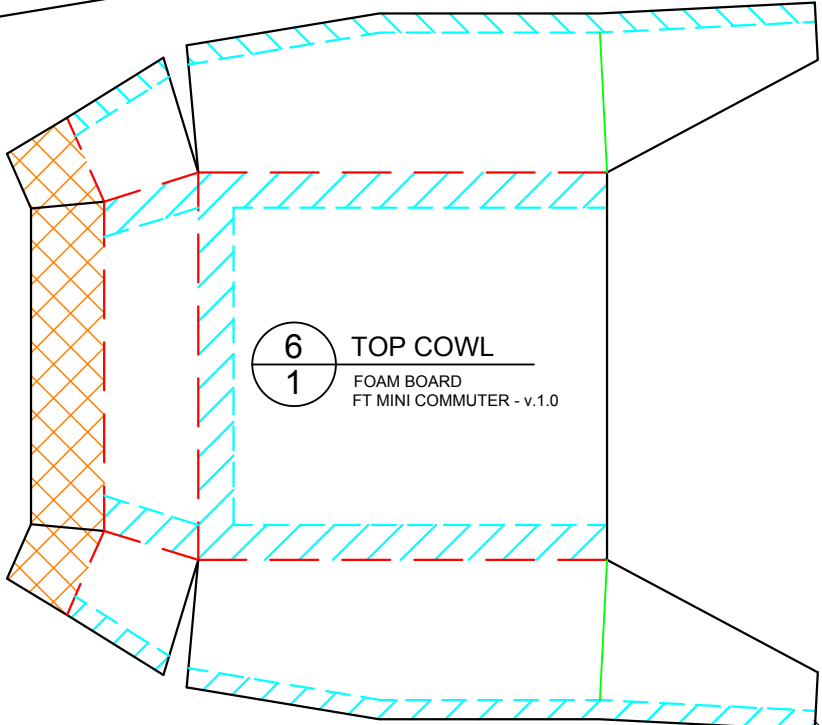


45° SINGLE BEVEL

9 HORIZONTAL STABILIZER
1 FOAM BOARD
FT MINI COMMUTER - v.1.0

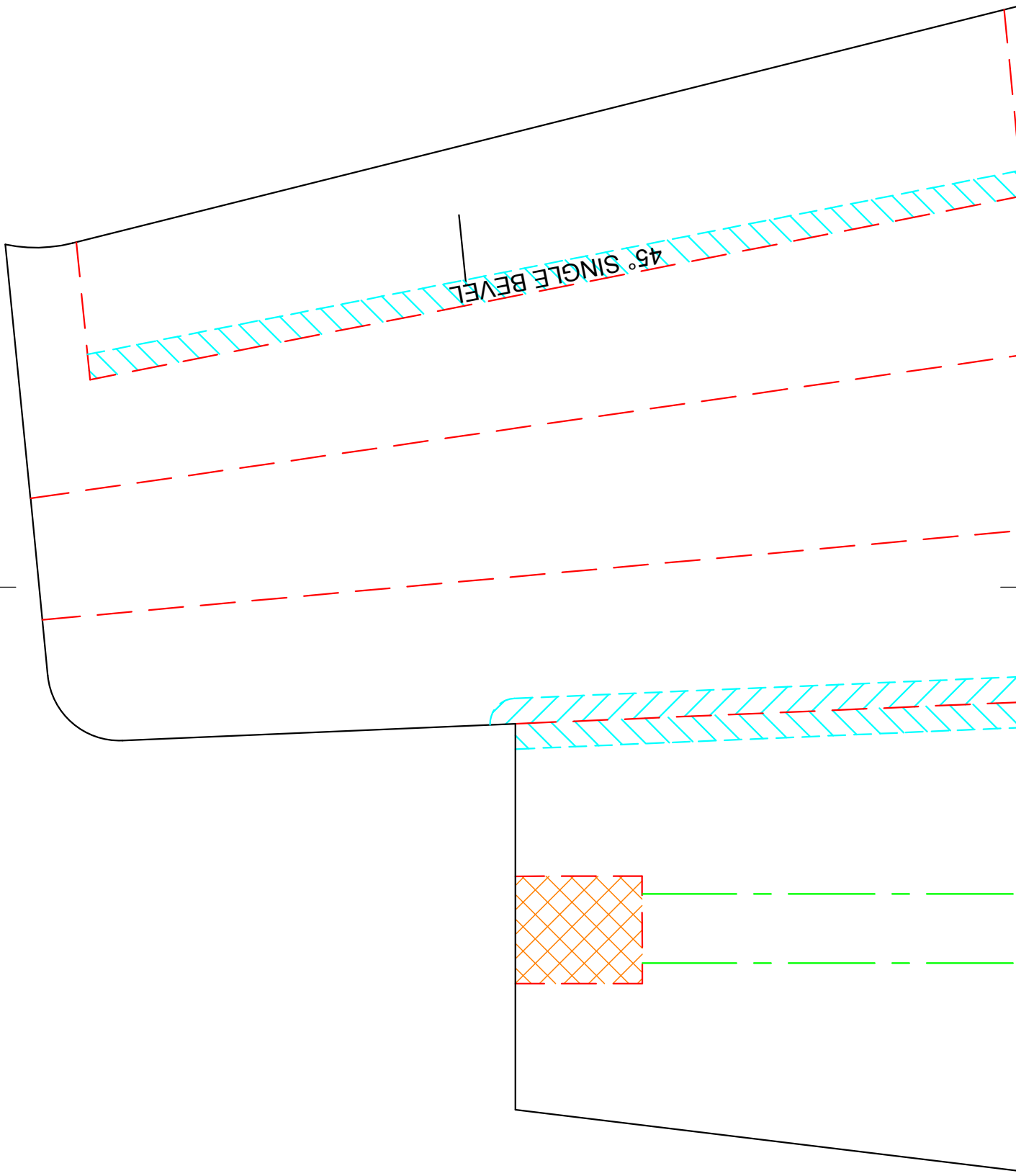


8 BACK WINDSHIELD
1 FOAM BOARD
FT MINI COMMUTER - v.1.0



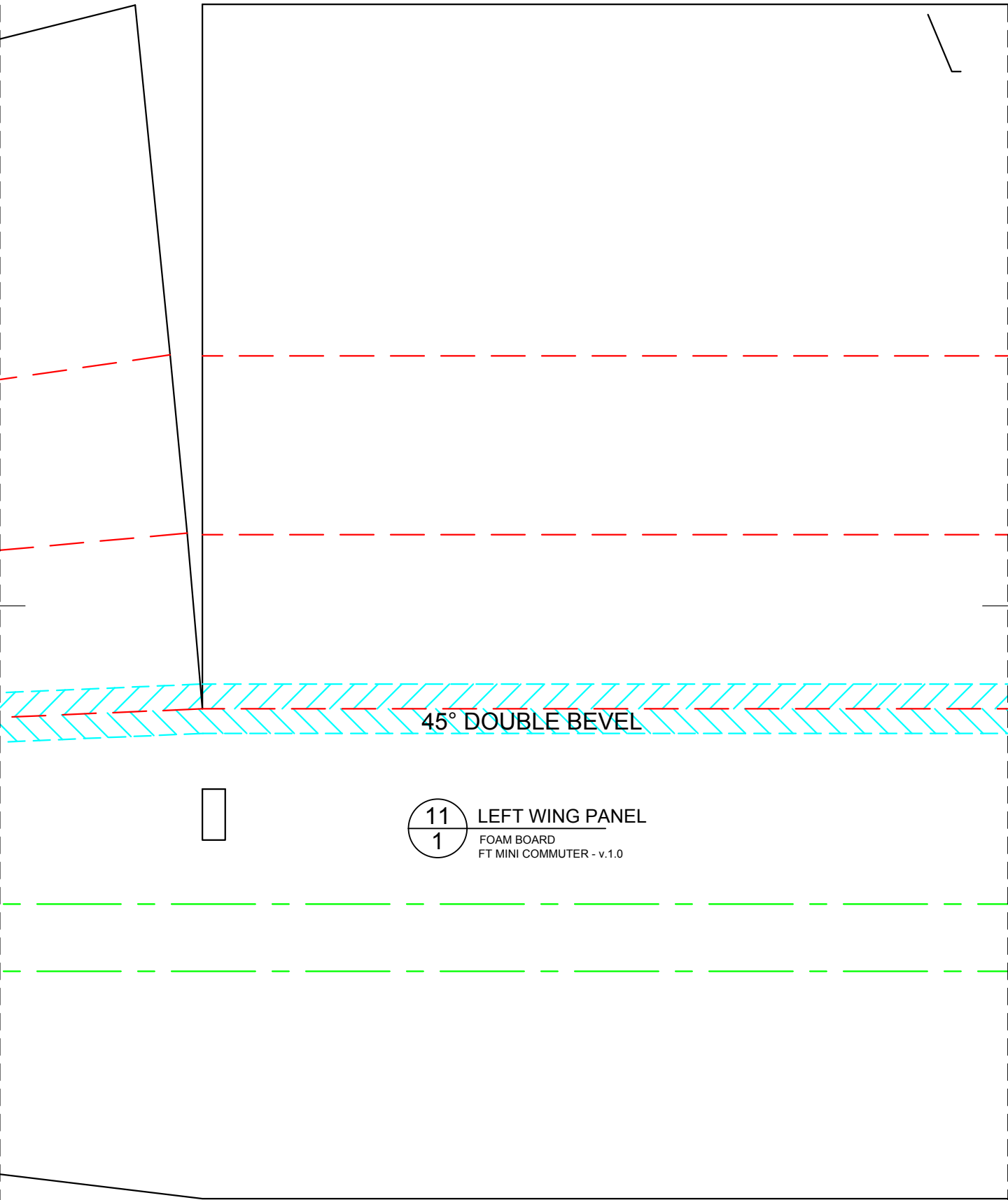
6 TOP COWL
1 FOAM BOARD
FT MINI COMMUTER - v.1.0



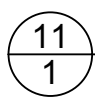




IN
CM



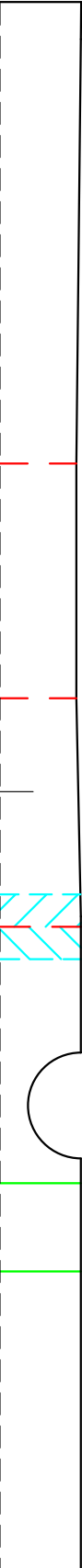
45° DOUBLE BEVEL



LEFT WING PANEL
FOAM BOARD
FT MINI COMMUTER - v.1.0

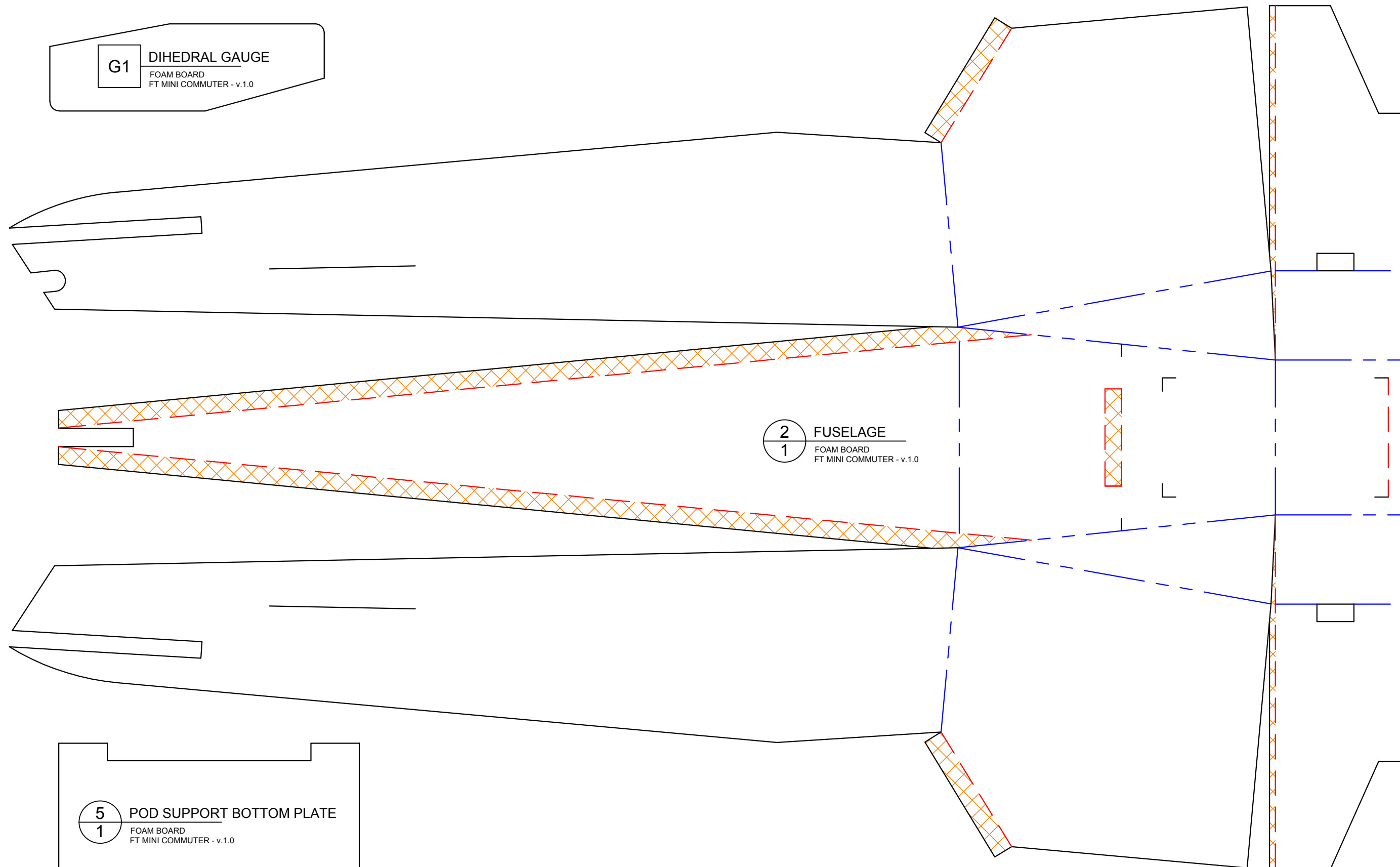


IN
CM



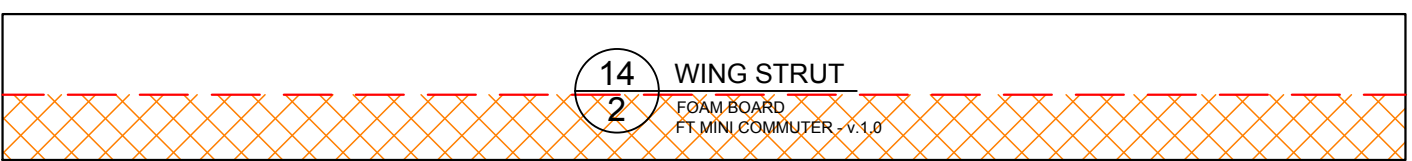
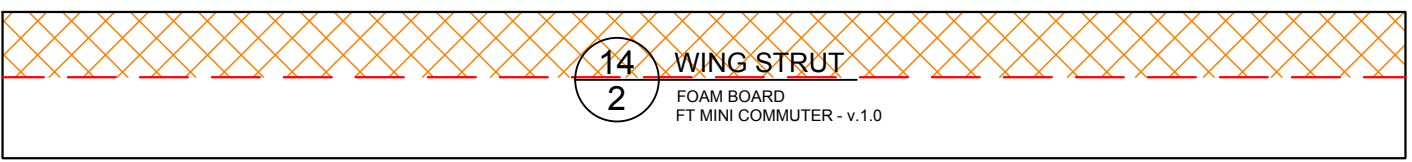
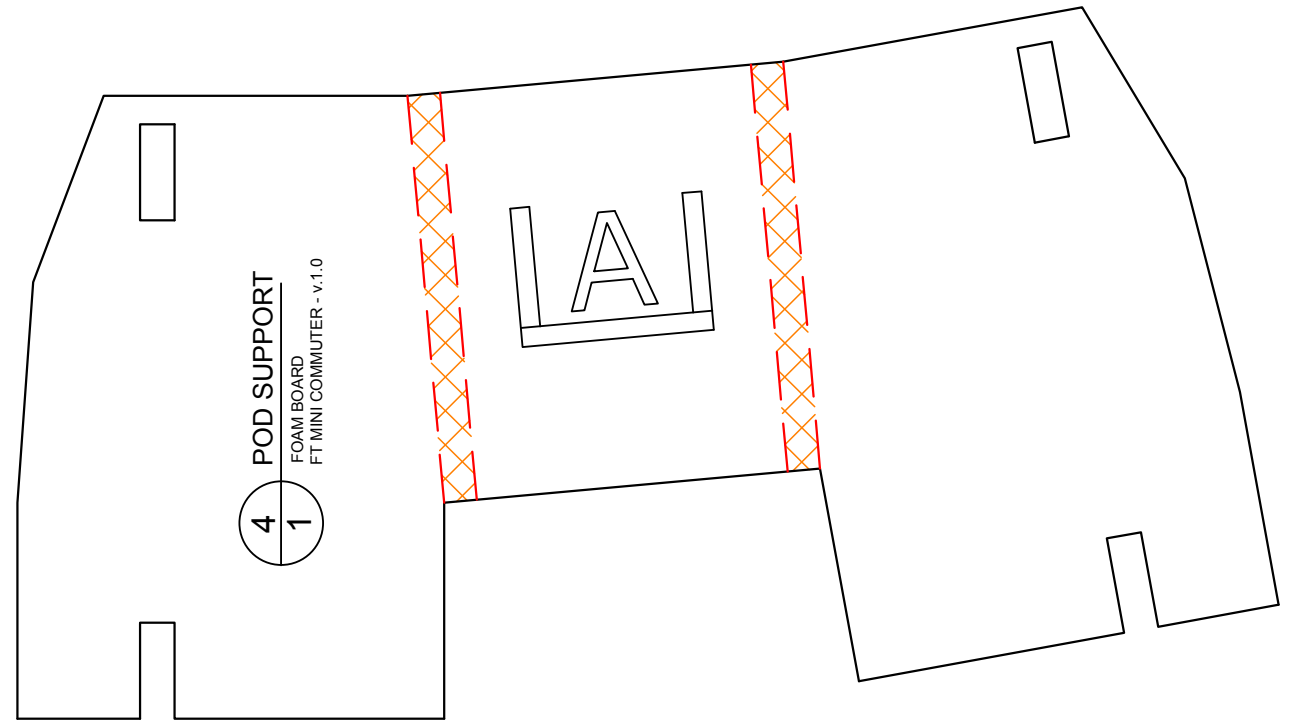
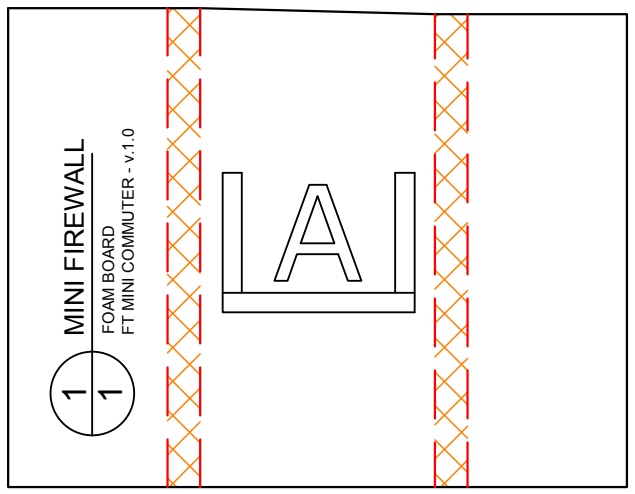
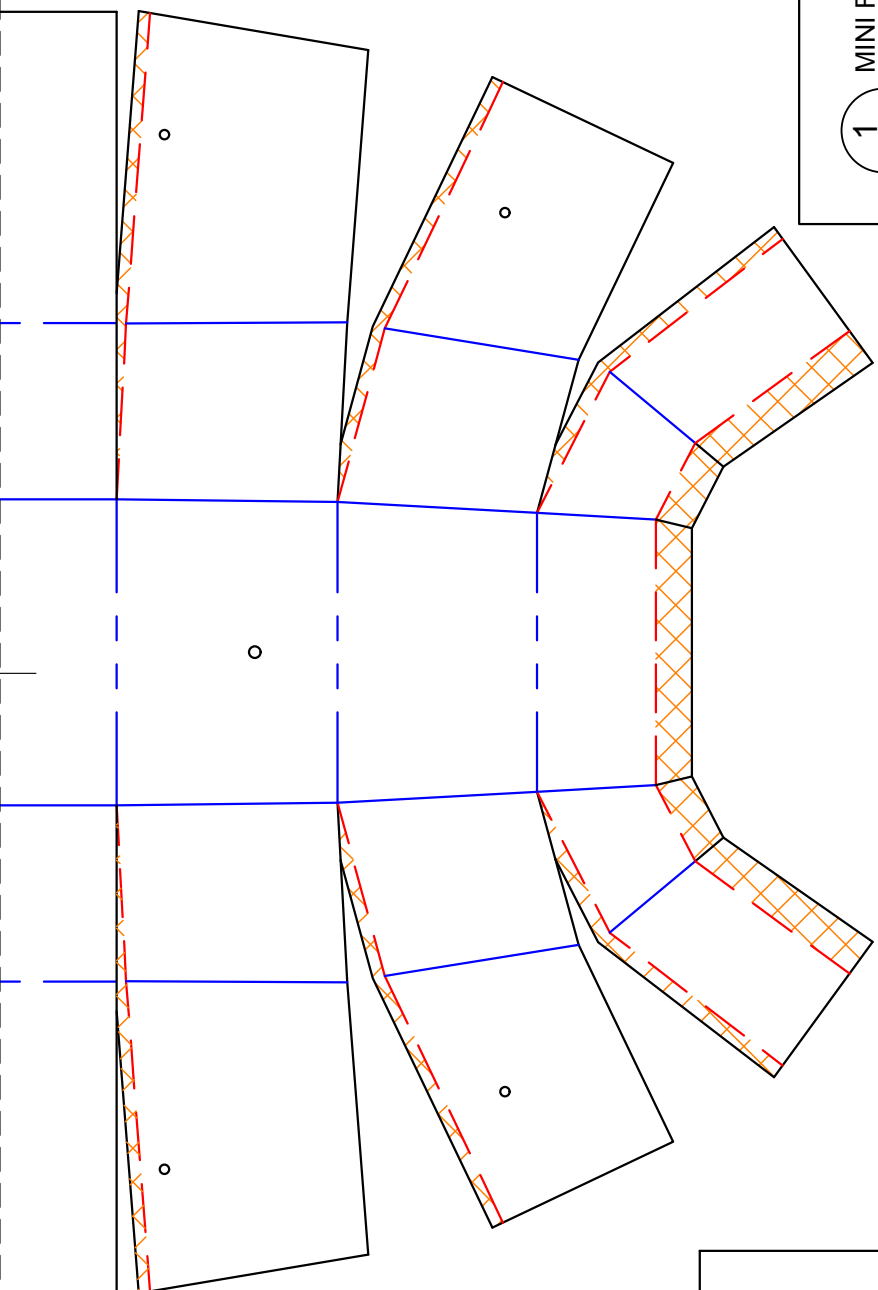


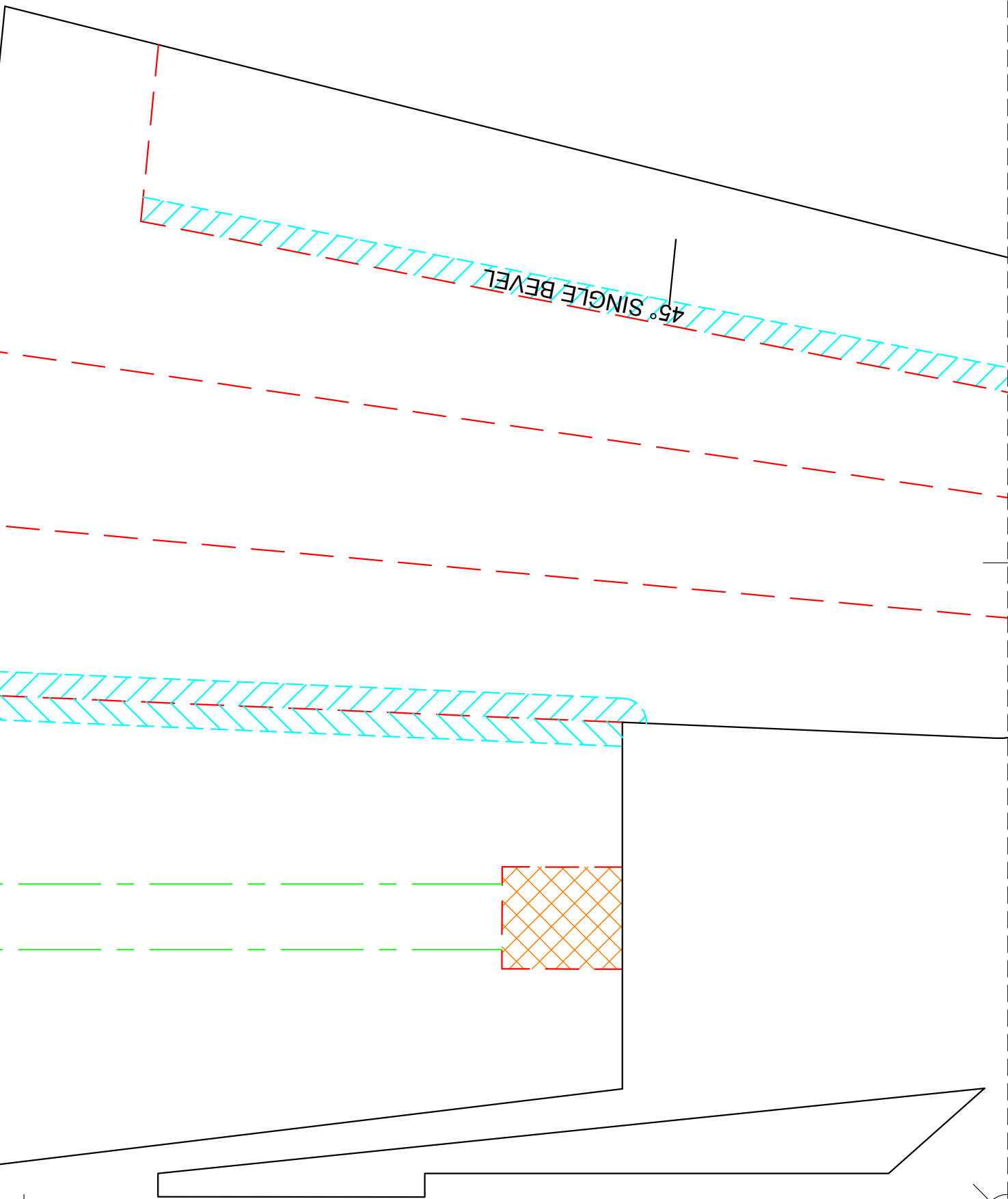
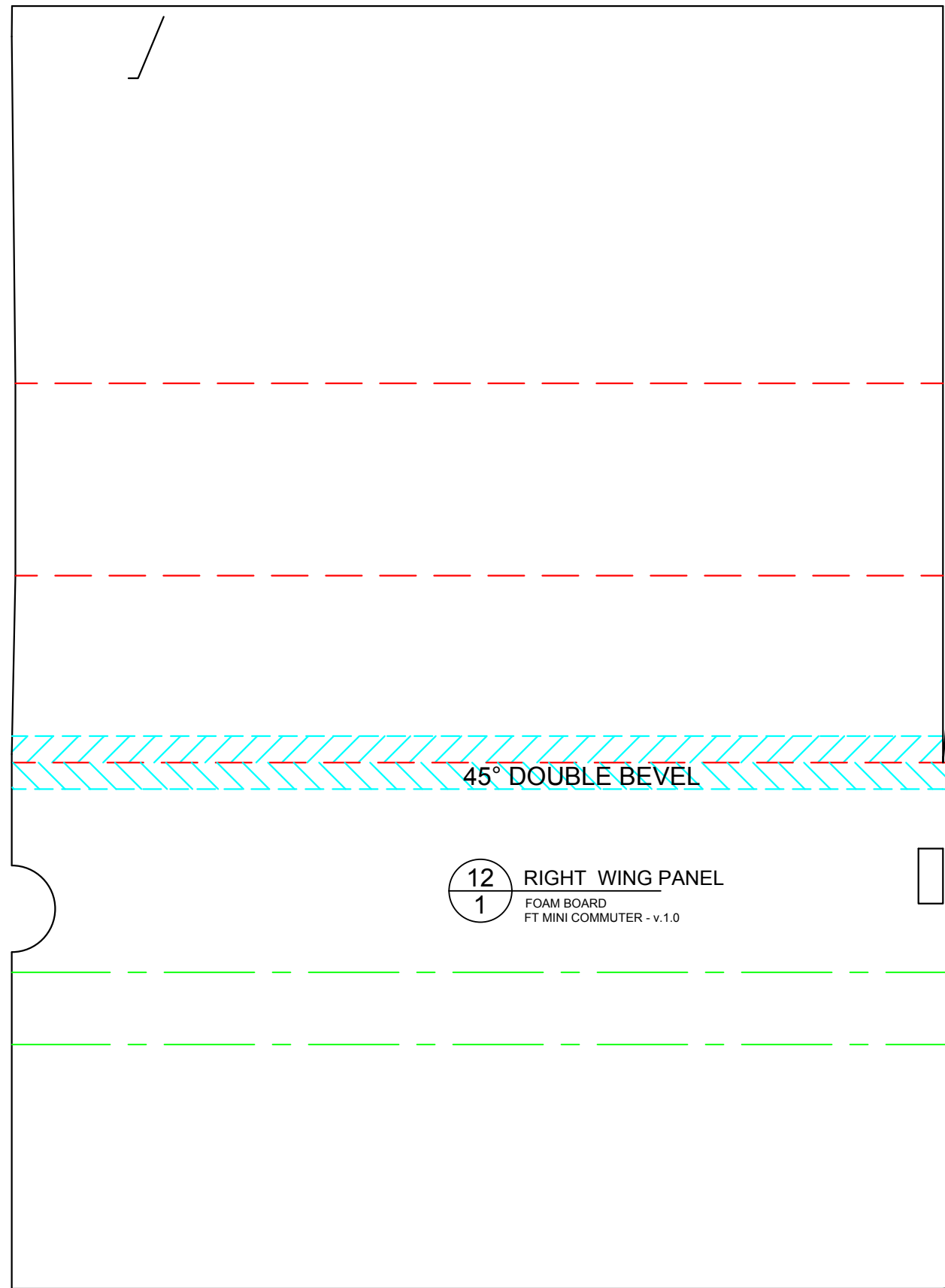
G1 **DIHEDRAL GAUGE**
FOAM BOARD
FT MINI COMMUTER - v.1.0



2 **FUSELAGE**
FOAM BOARD
FT MINI COMMUTER - v.1.0

5 **POD SUPPORT BOTTOM PLATE**
FOAM BOARD
FT MINI COMMUTER - v.1.0

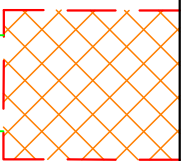


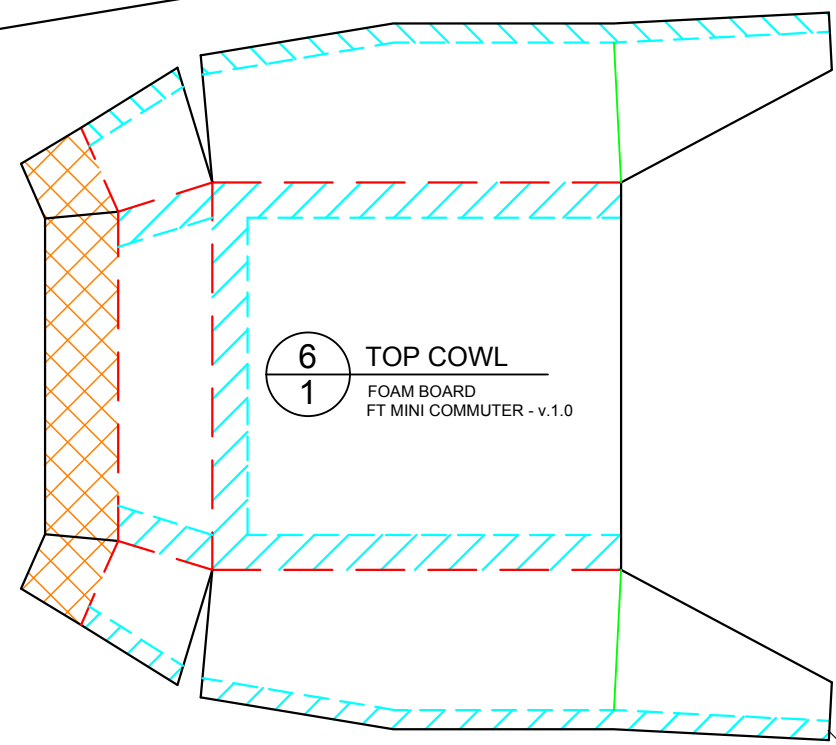
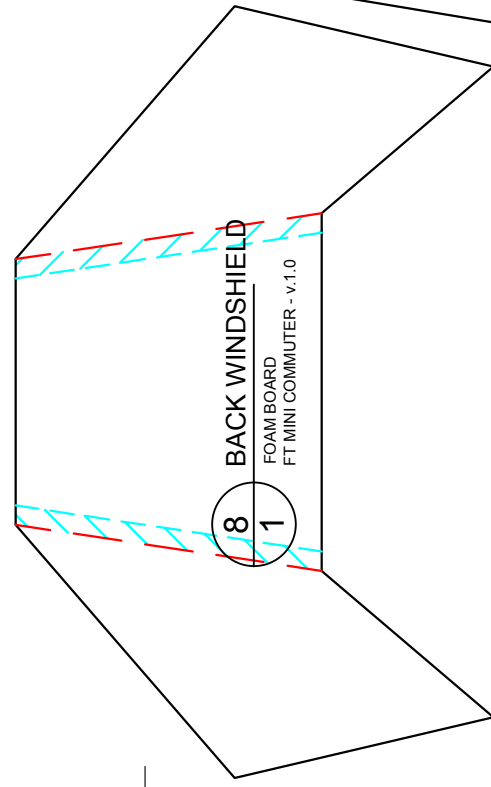
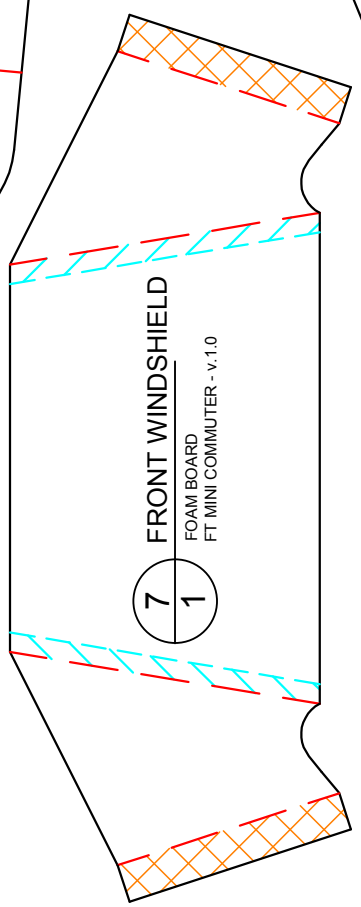
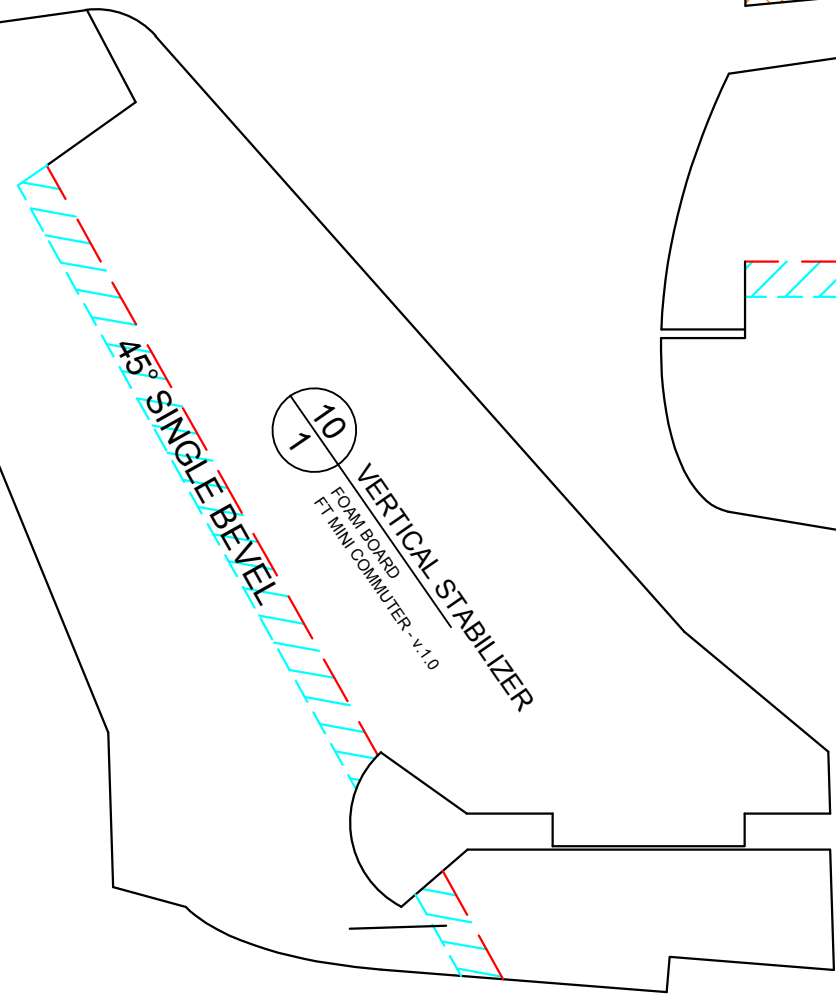
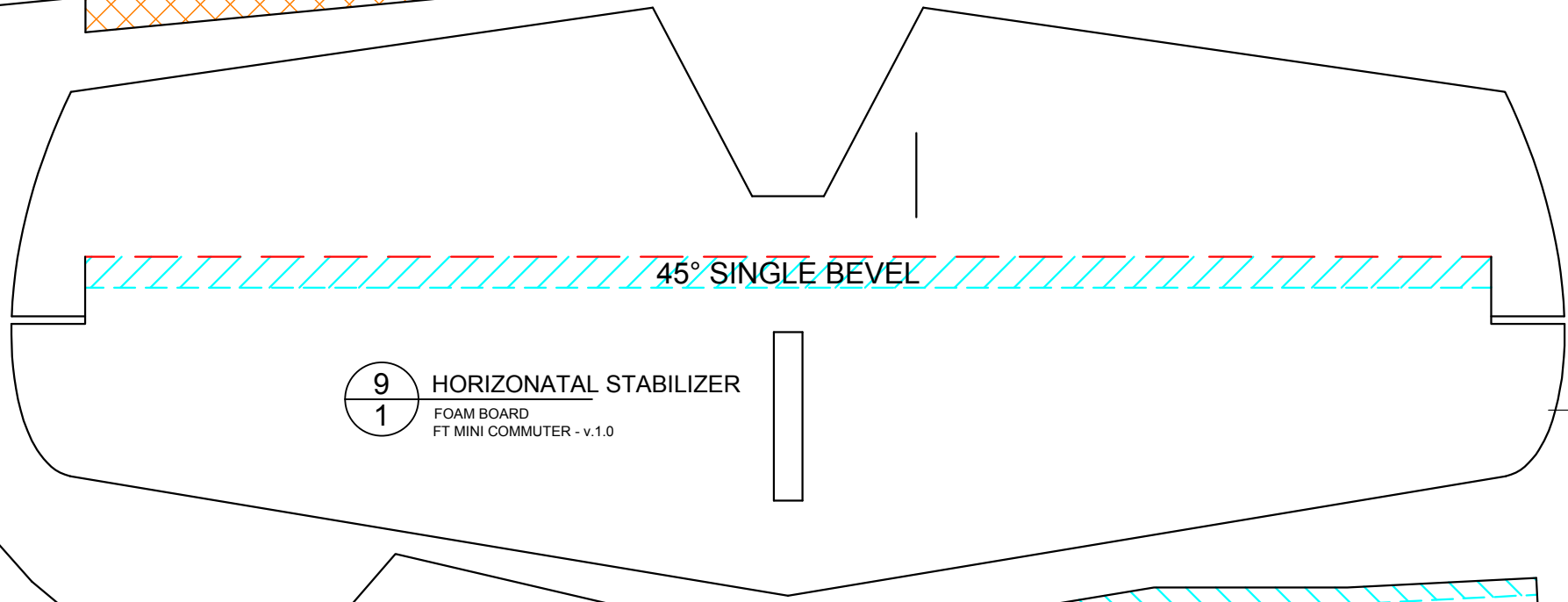
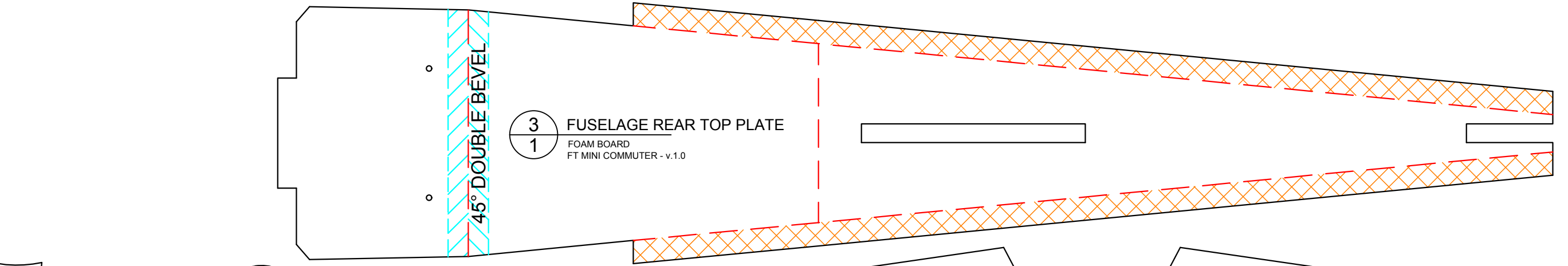


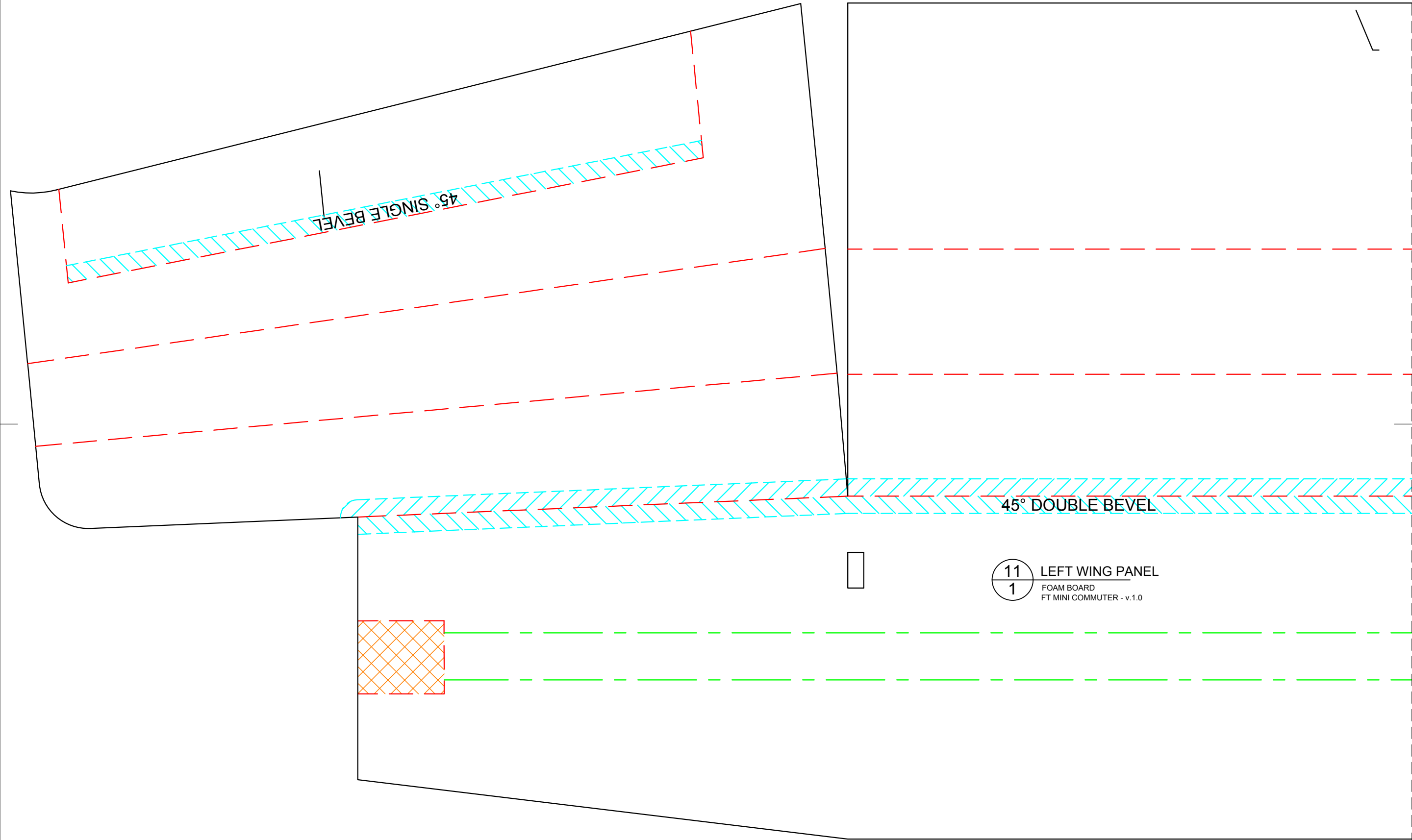
45° DOUBLE BEVEL

45° SINGLE BEVEL

12 RIGHT WING PANEL
1 FOAM BOARD
FT MINI COMMUTER - v.1.0







45° SINGLE BEVEL

45° DOUBLE BEVEL

11 LEFT WING PANEL
1 FOAM BOARD
FT MINI COMMUTER - v.1.0

