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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:

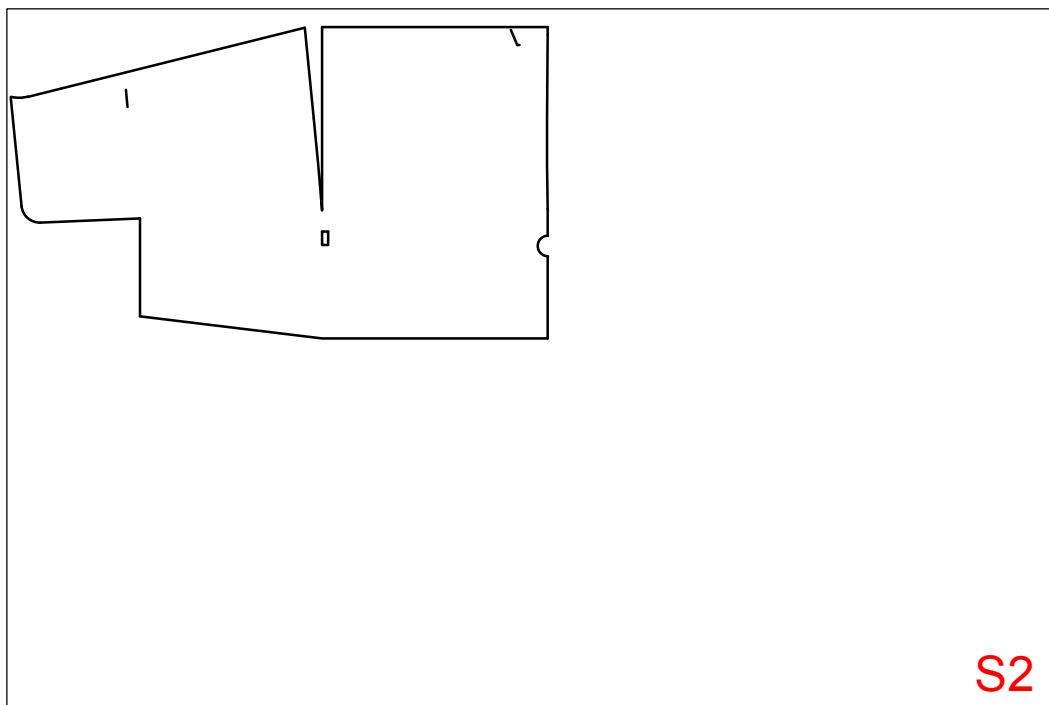
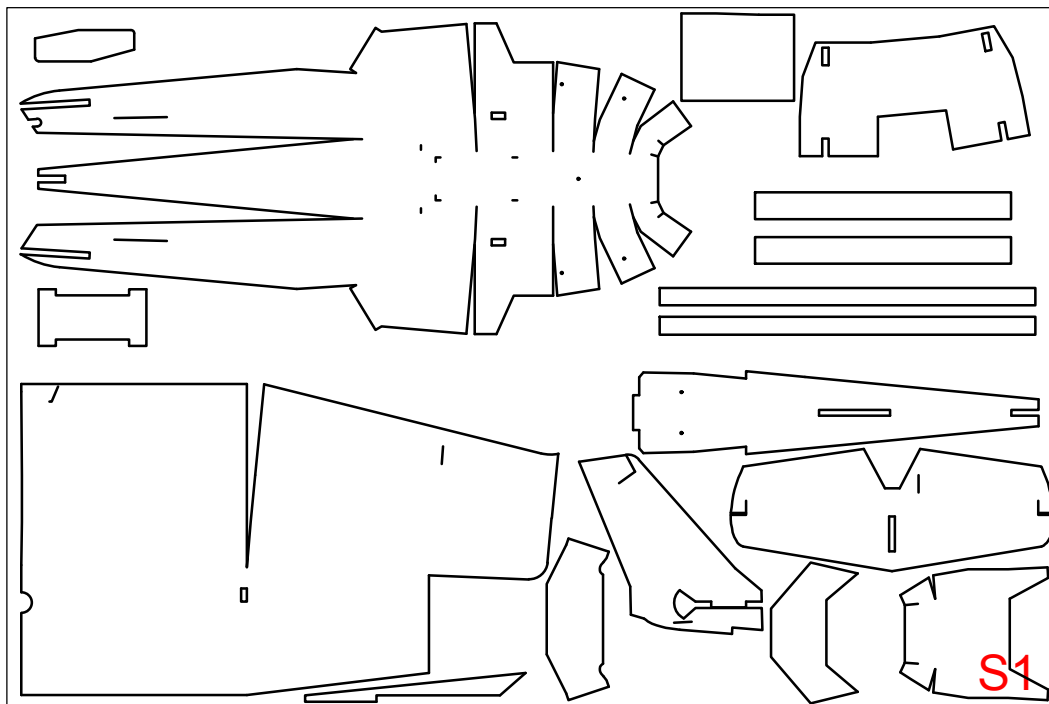


PILOT SKILL LEVEL:





FT Mini Commuter: Full-Size Key

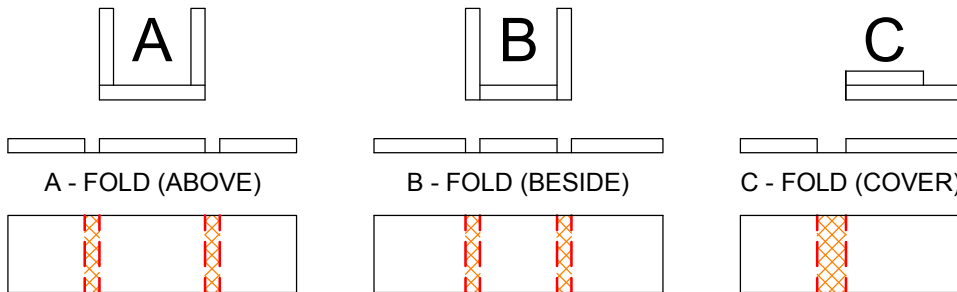




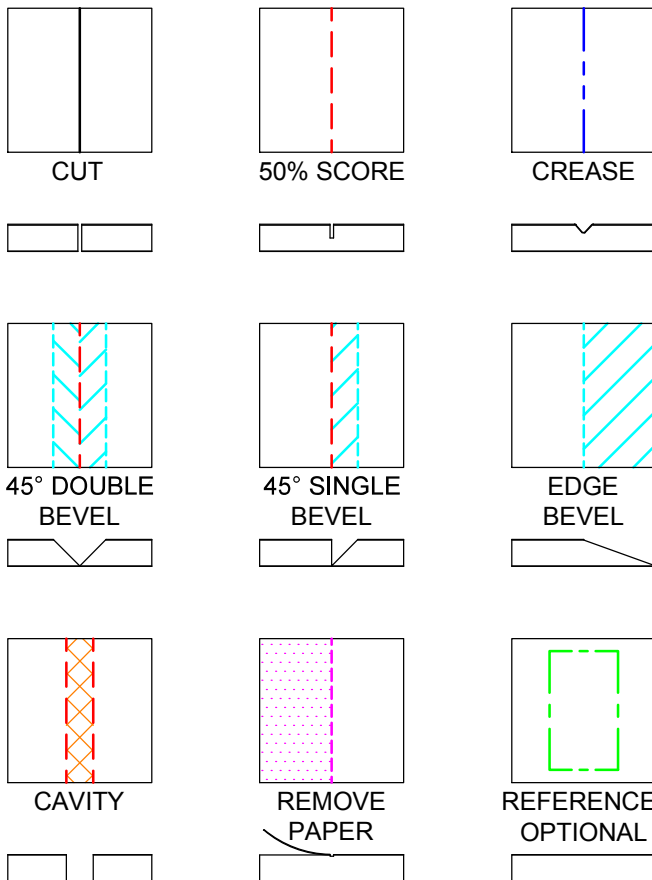
Drawing Key



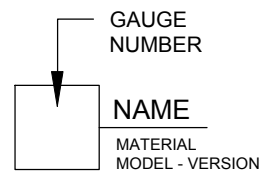
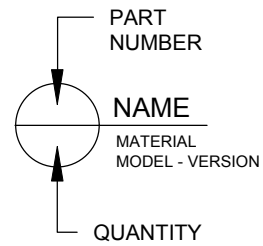
FOLD TYPES



LINE TYPE/COLOR



SYMBOLS



CENTER
OF
GRAVITY
(CG)

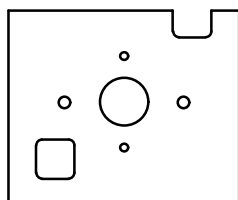


FT Mini Commuter: Wood Parts

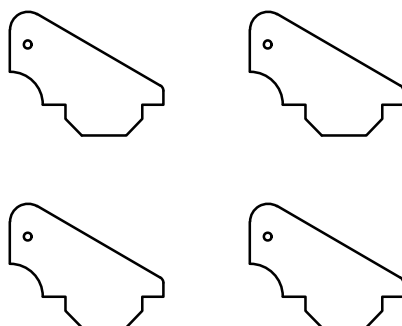


HOBBY GRADE PLYWOOD
1/16" (1.6 mm) THICK

FT MINI FIREWALL



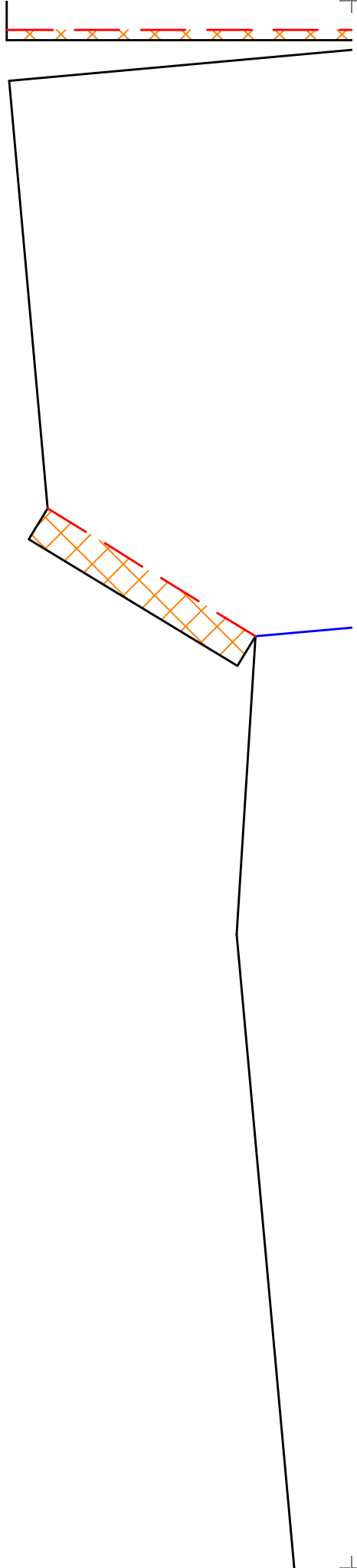
FT MINI CONTROL HORNS

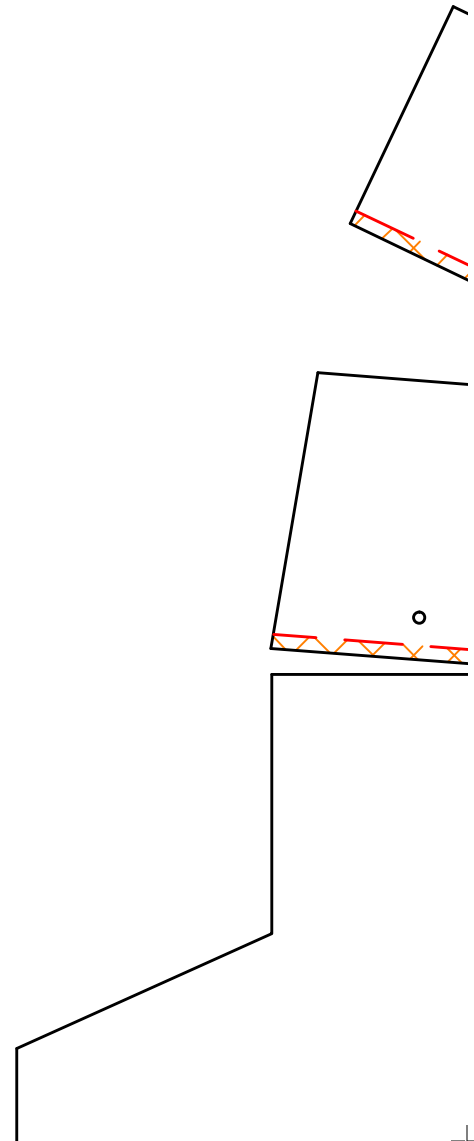
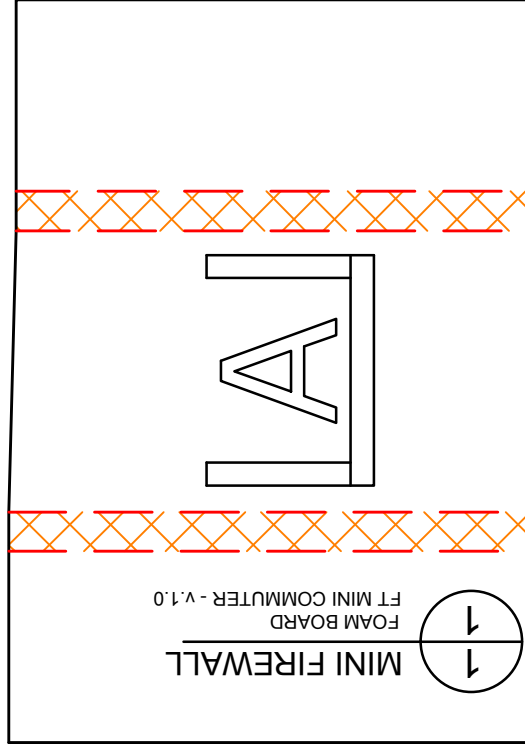


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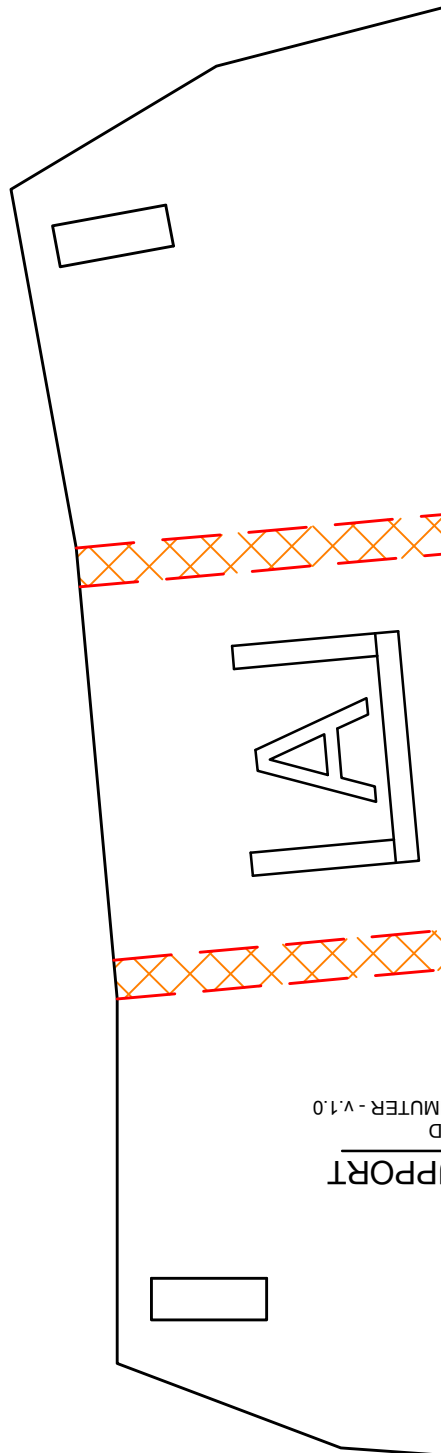
SHEET 1 OF 12



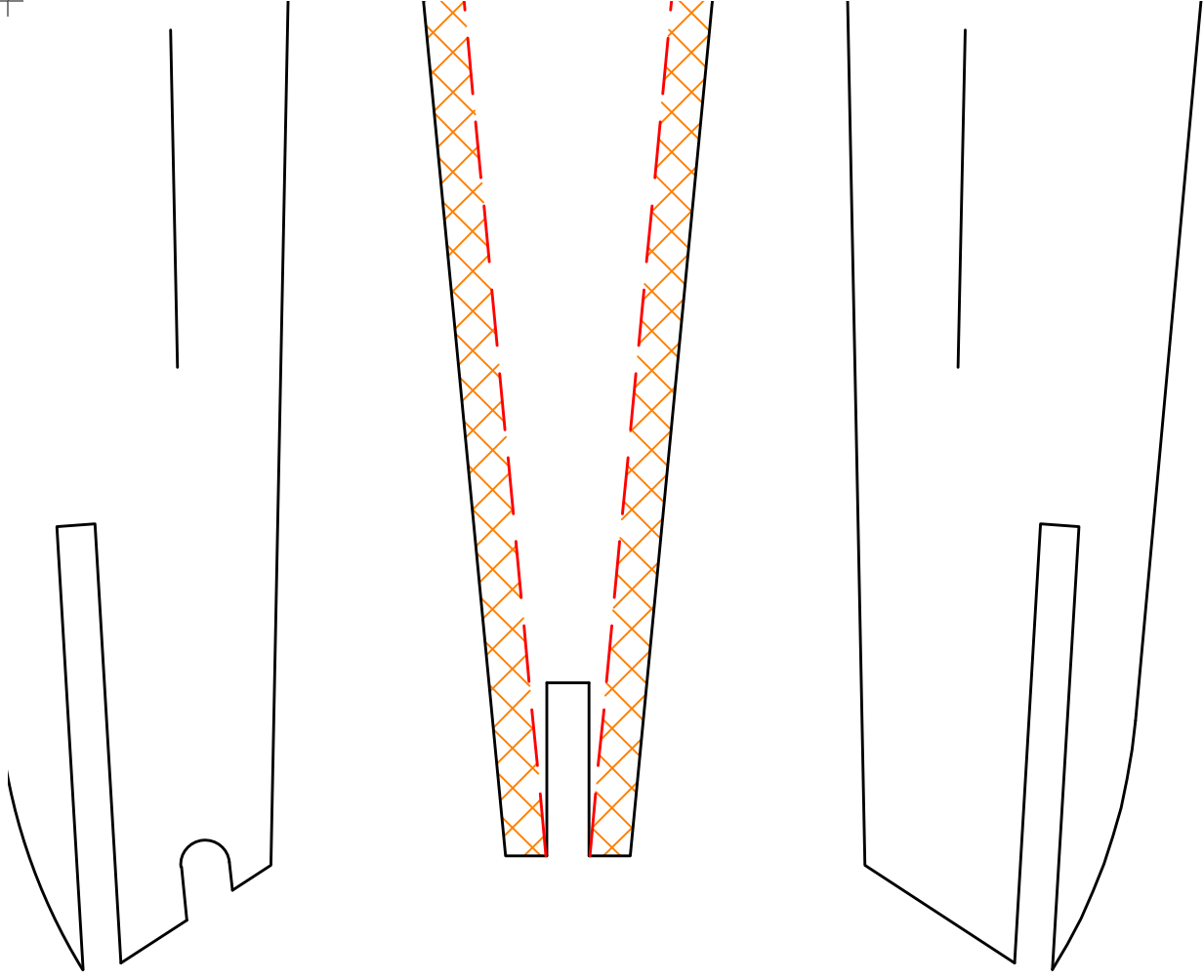
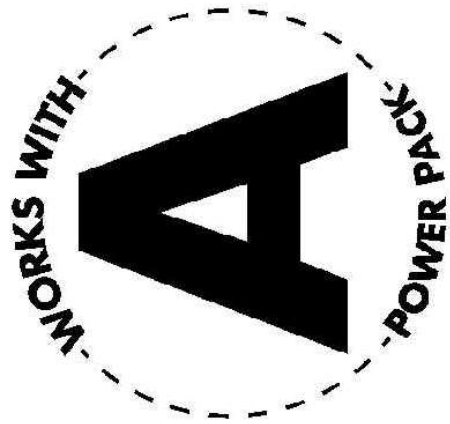
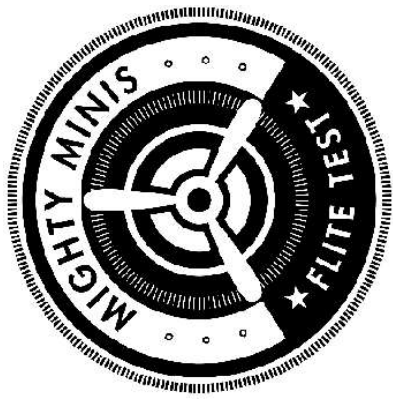
IN



CM

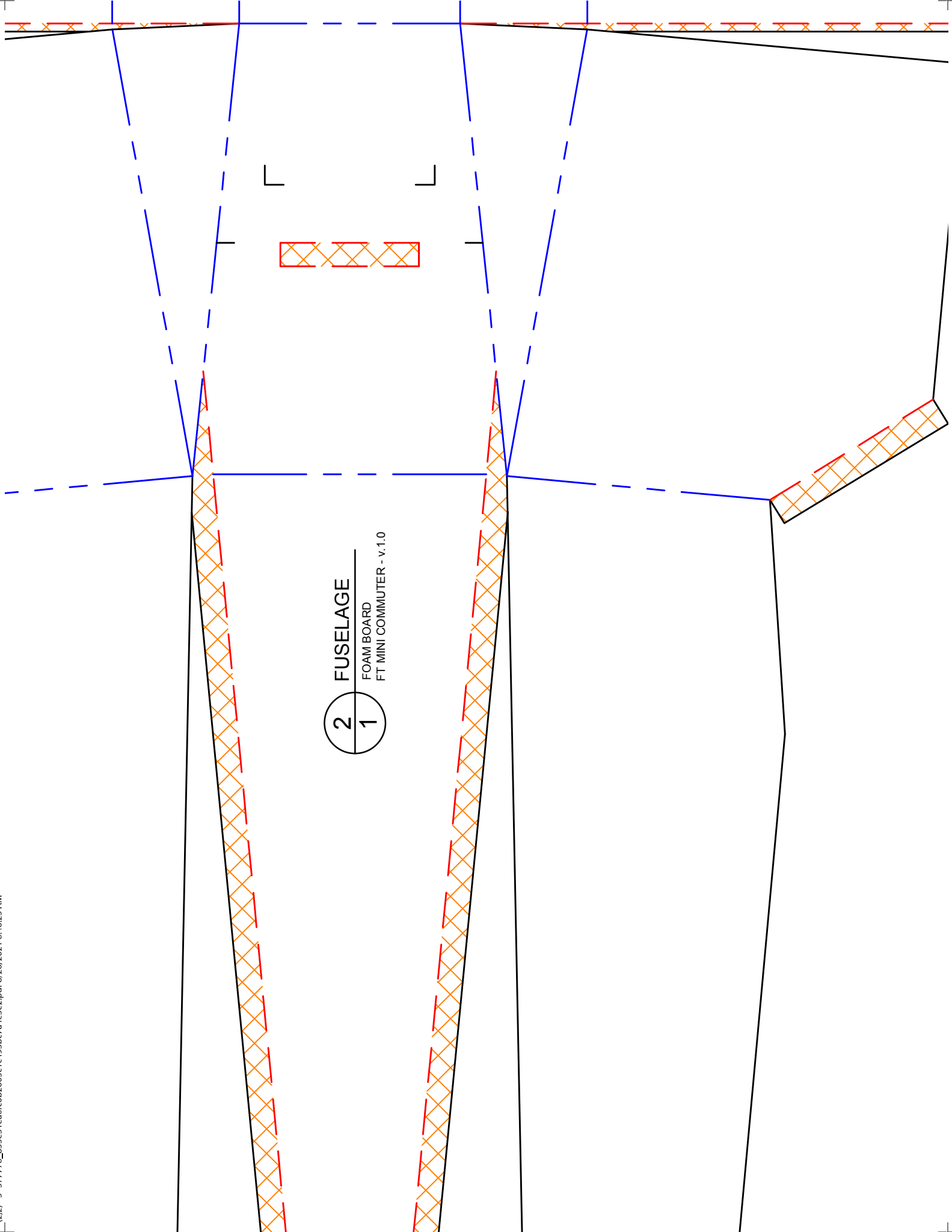


IPPORT
D
IMUTER - v.1.0



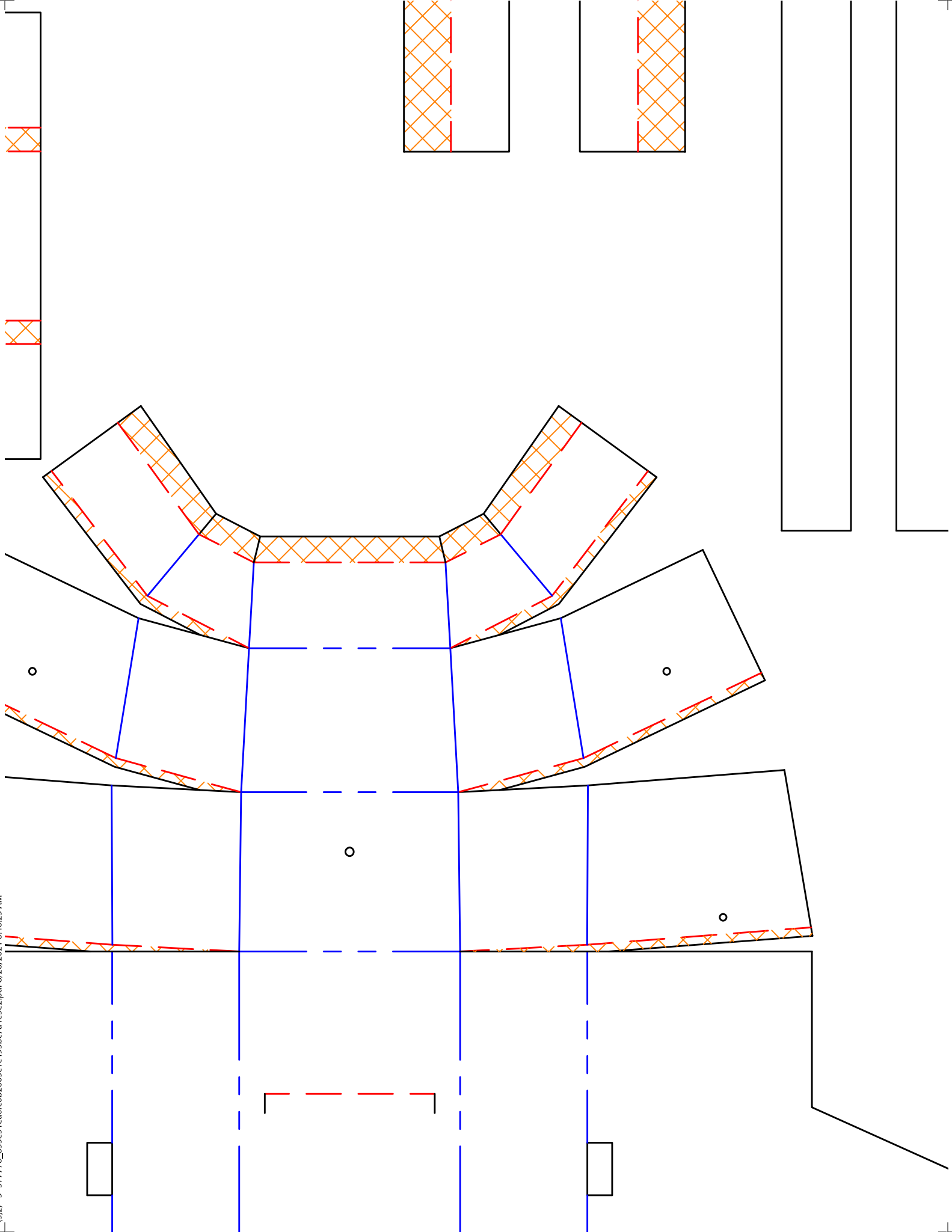
5 **POD SUPPORT BOTTOM PLATE**
 FOAM BOARD
 FT MINI COMMUTER - v.1.0

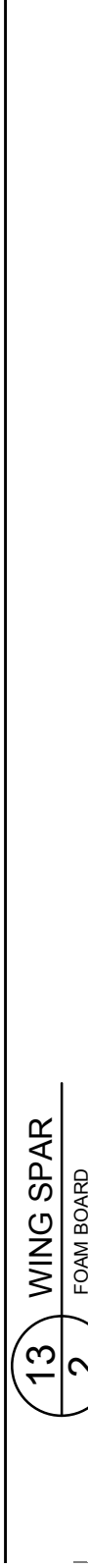
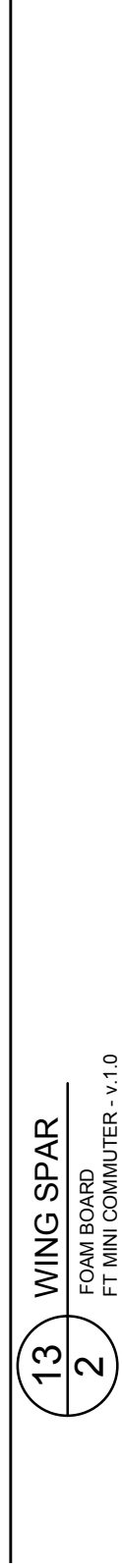
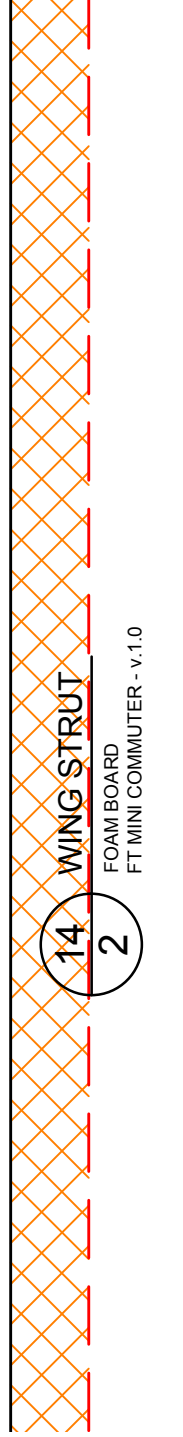
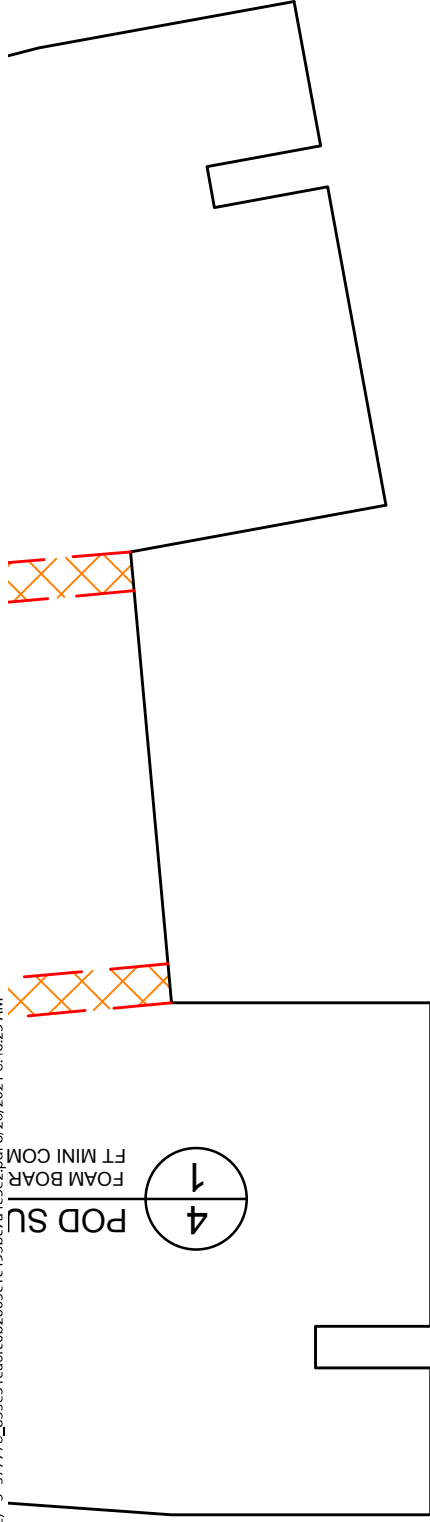
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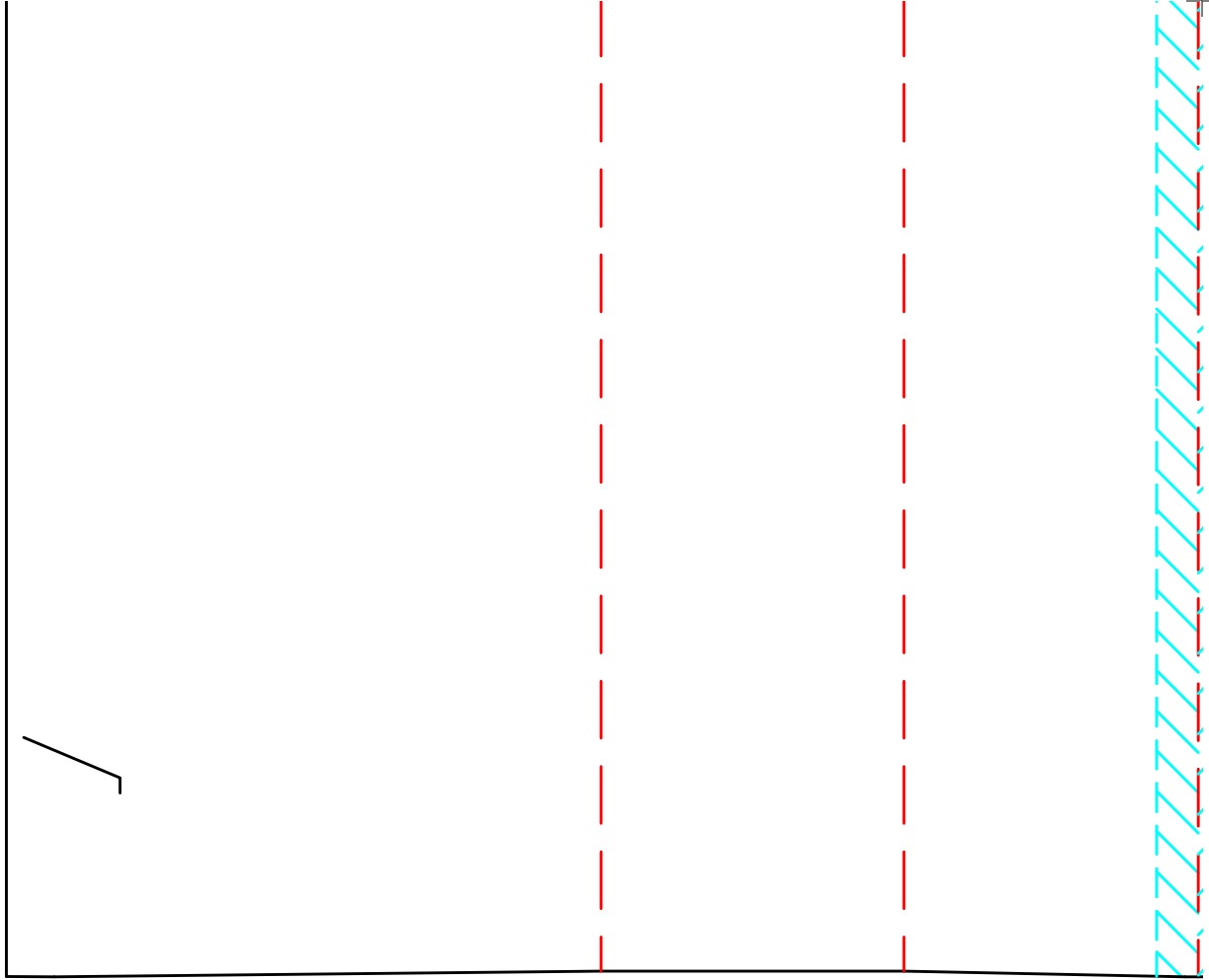
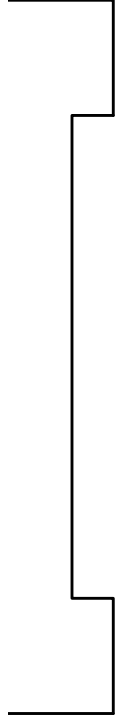


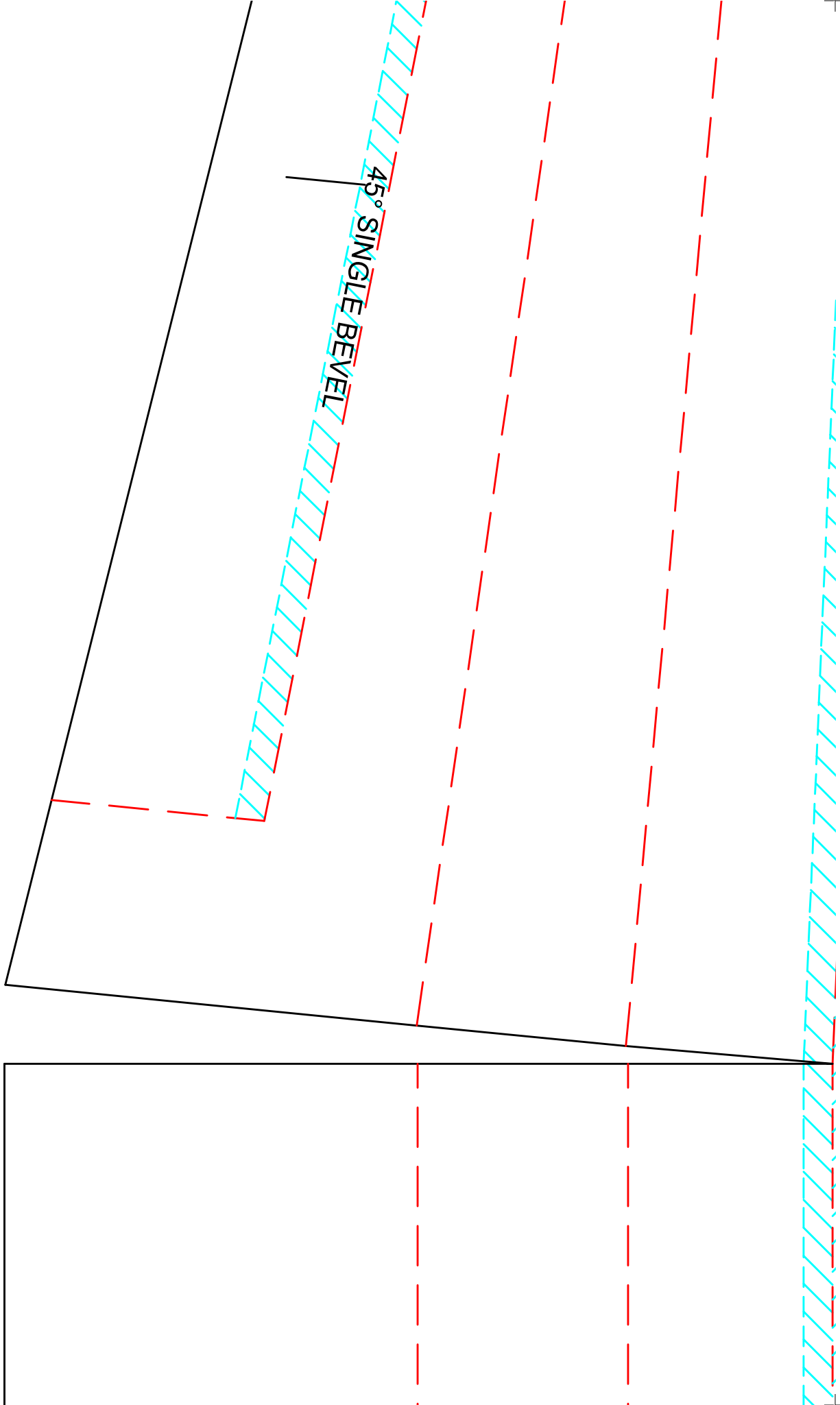
2
1

FUSELAGE
FOAM BOARD
FT MINI COMMUTER - v.1.0

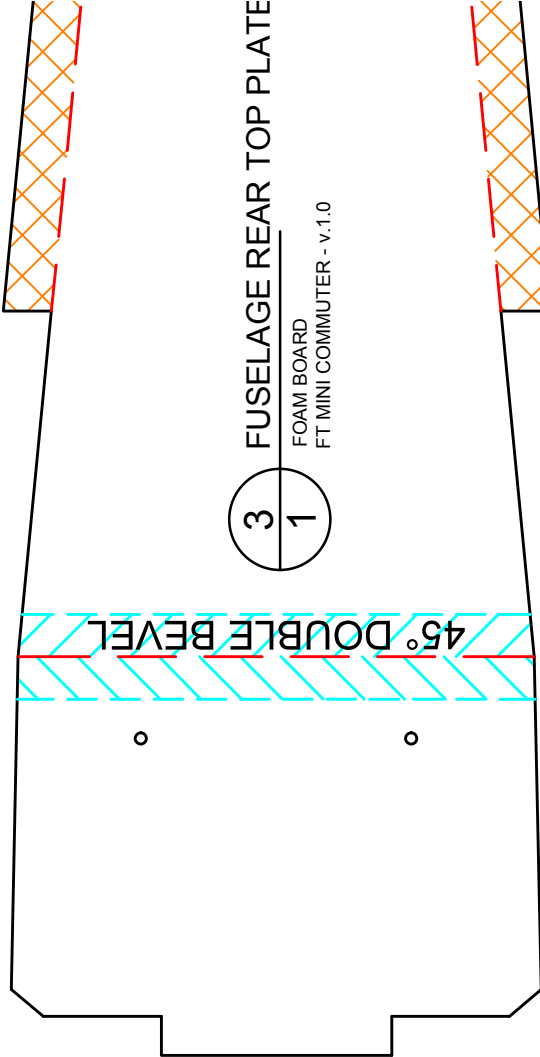






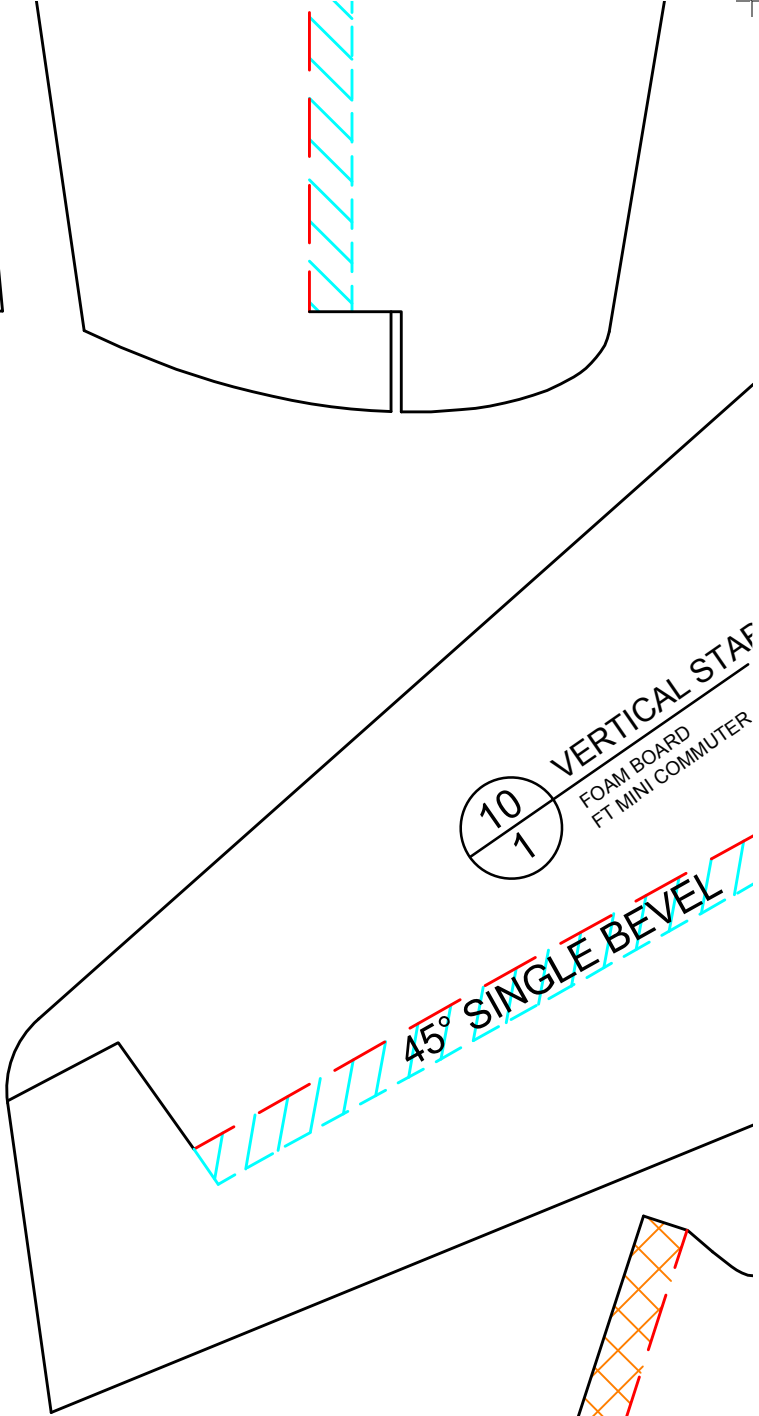


45° SINGLE BEVEL



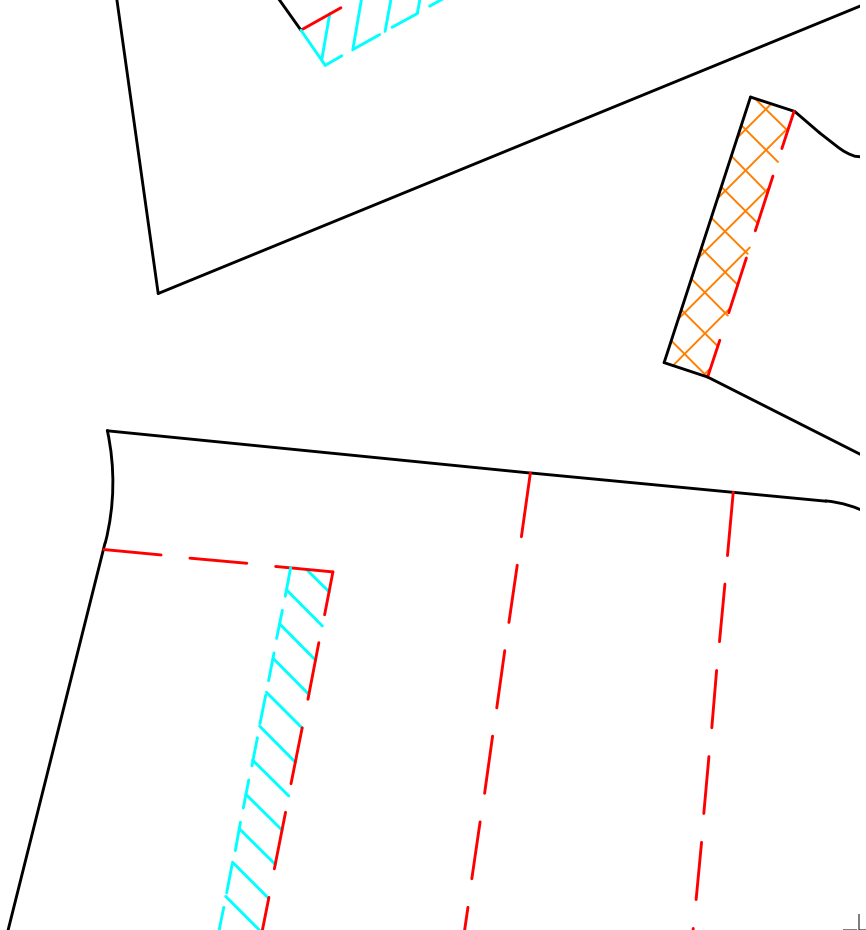
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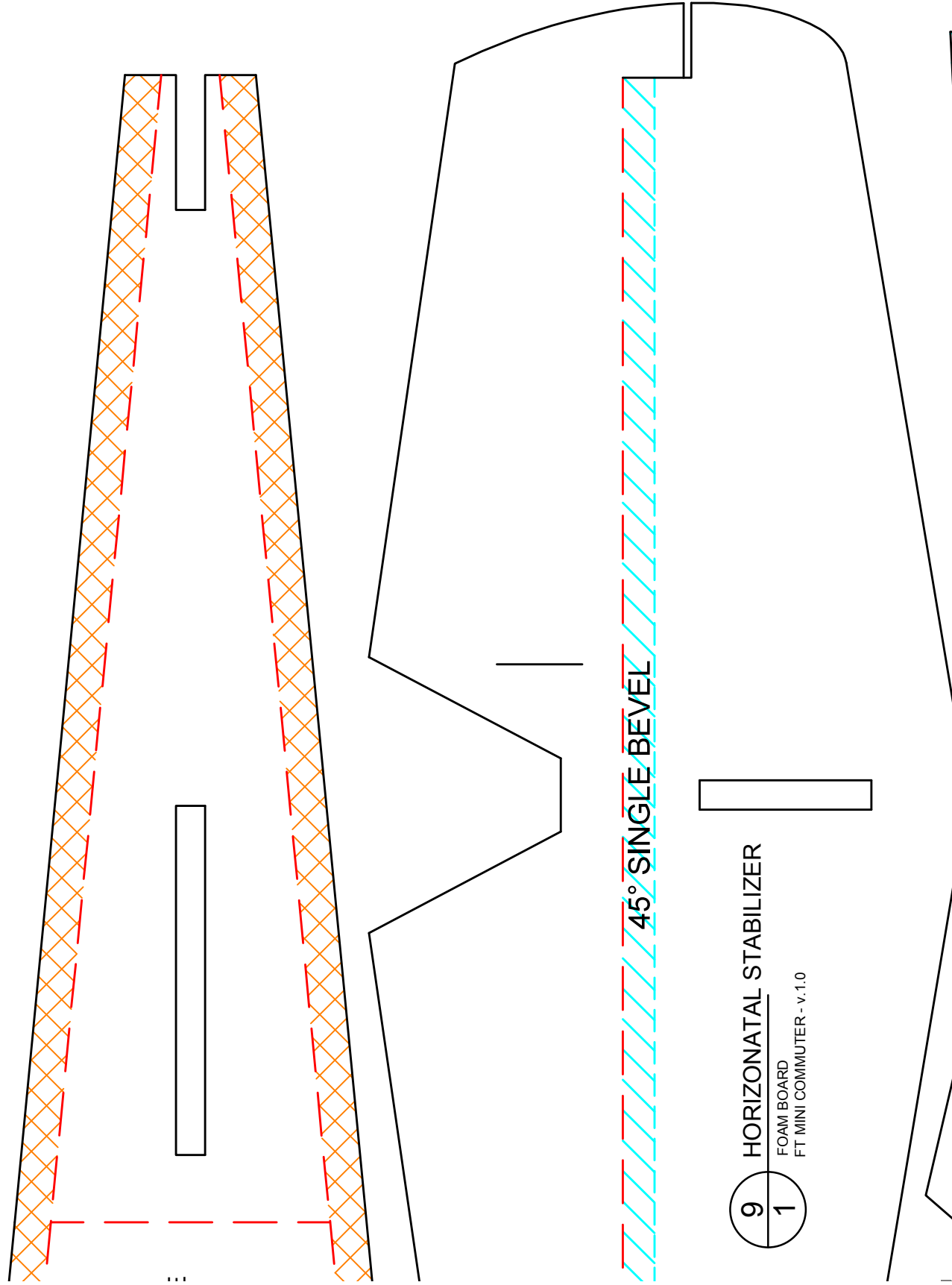
FUSELAGE REAR TOP PLATE
FOAM BOARD
FT MINI COMMUTER - v.1.0



10
1

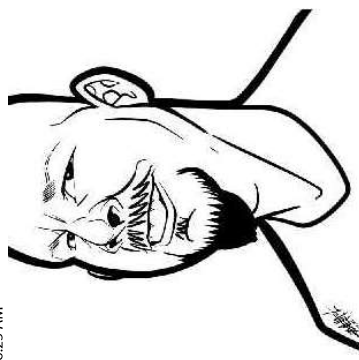
VERTICAL STAFF
FOAM BOARD
FT MINI COMMUTER





9
1
HORIZONTAL STABILIZER
FOAM BOARD
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45° SINGLE BEVEL



SPONZ

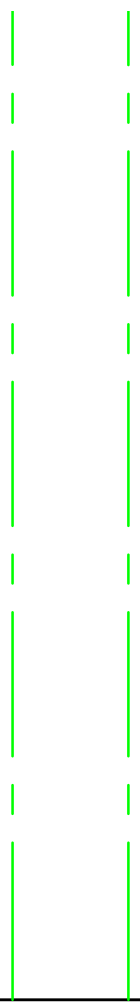


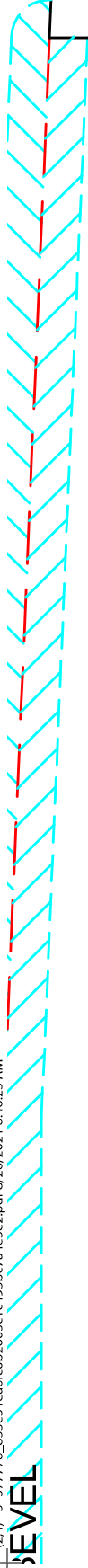
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45° DOUBLE E



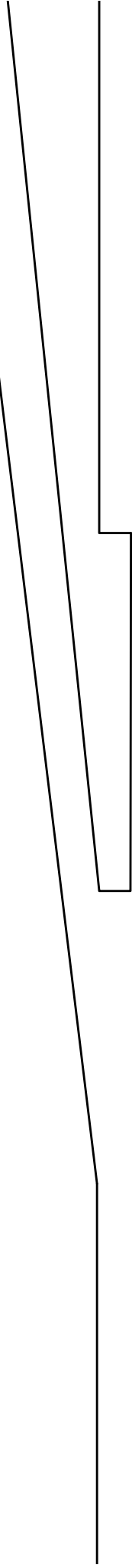
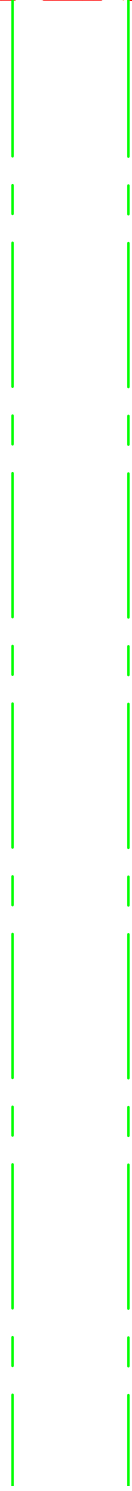
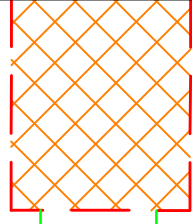
RIGHT WIN
FOAM BOARD
FT MINI COMMUTE

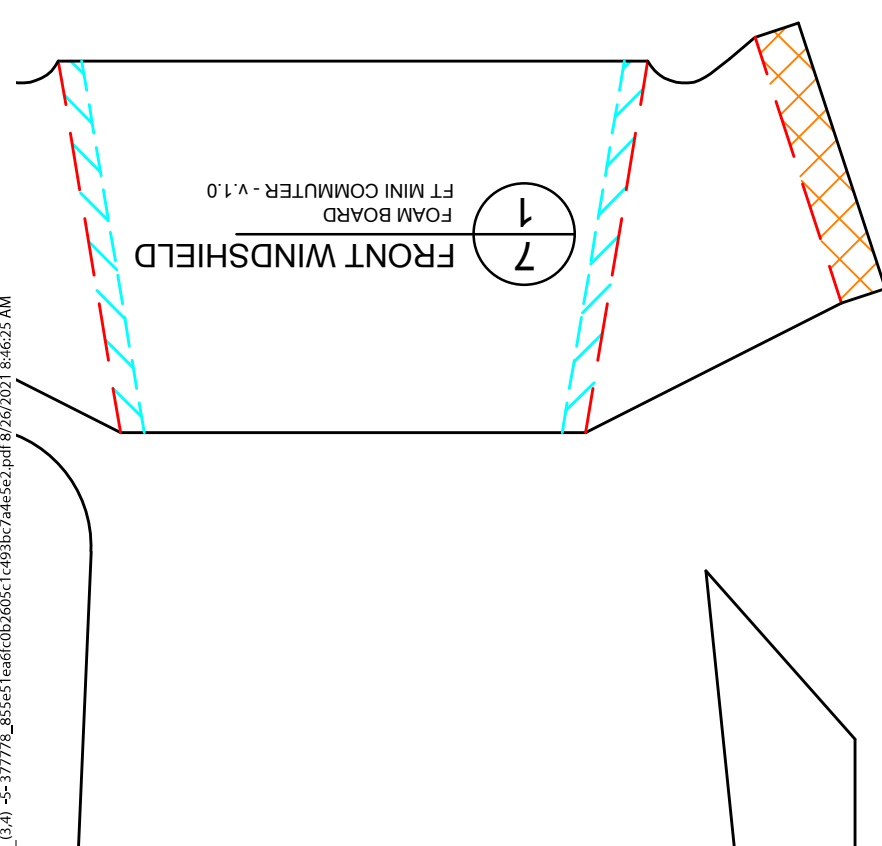
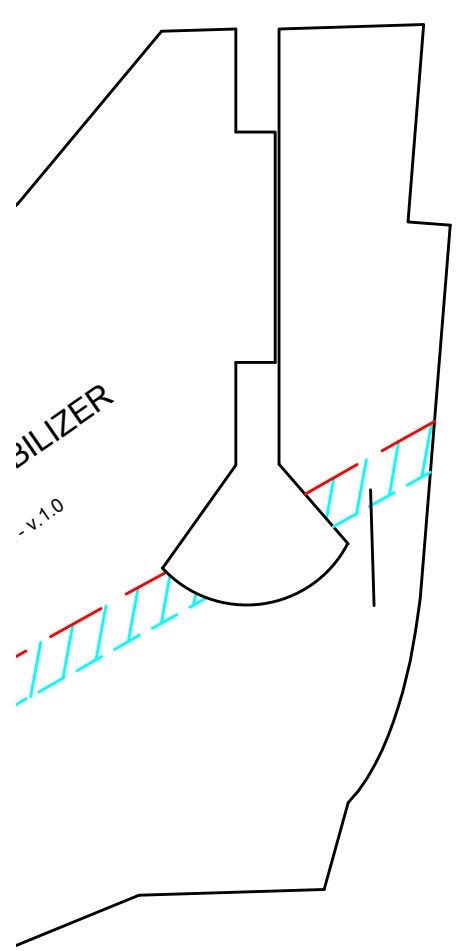




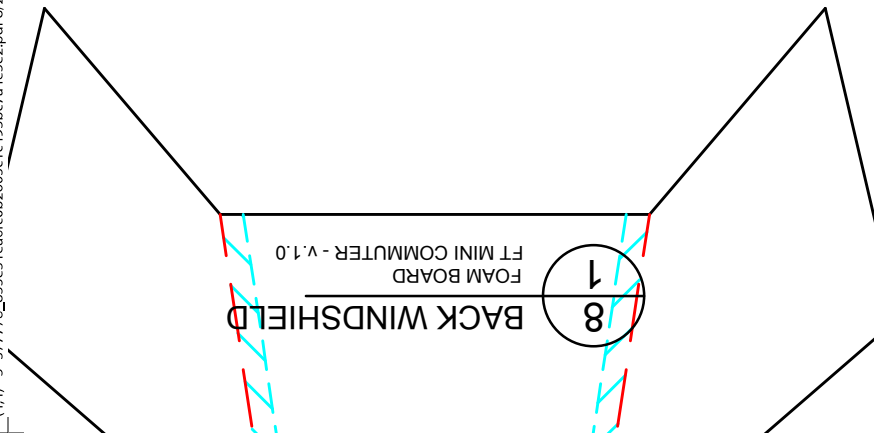
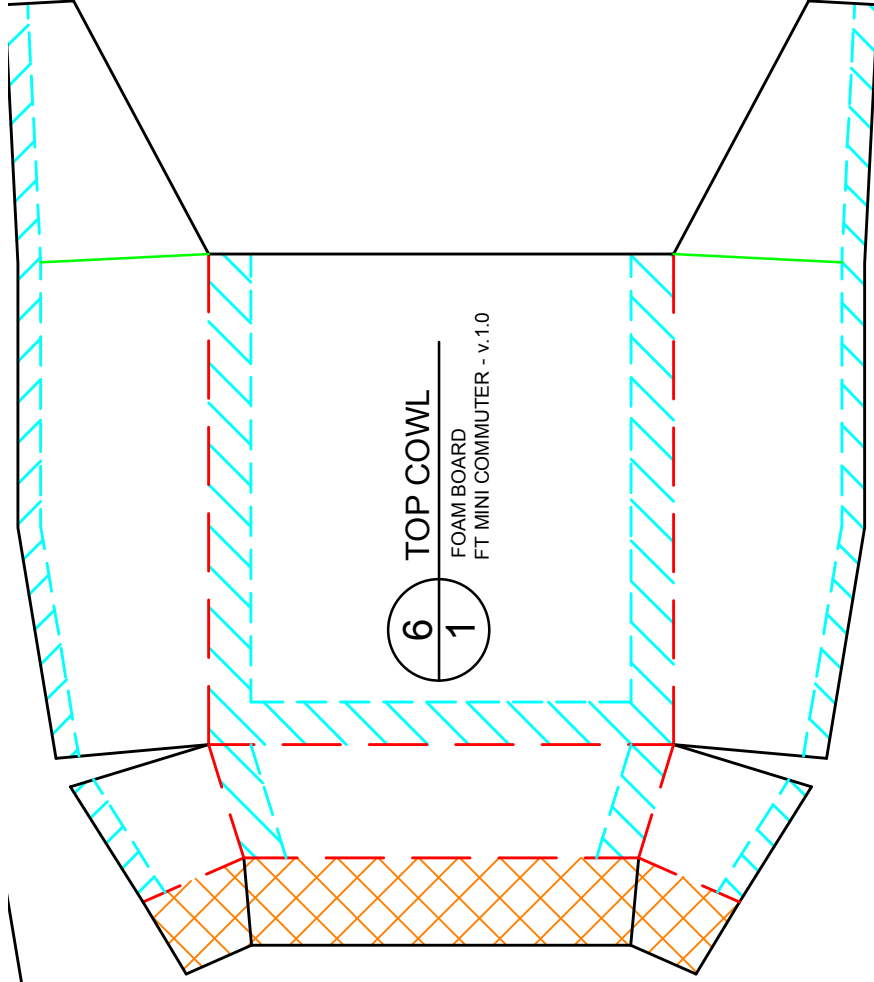
JG PANEL

ER - v.1.0





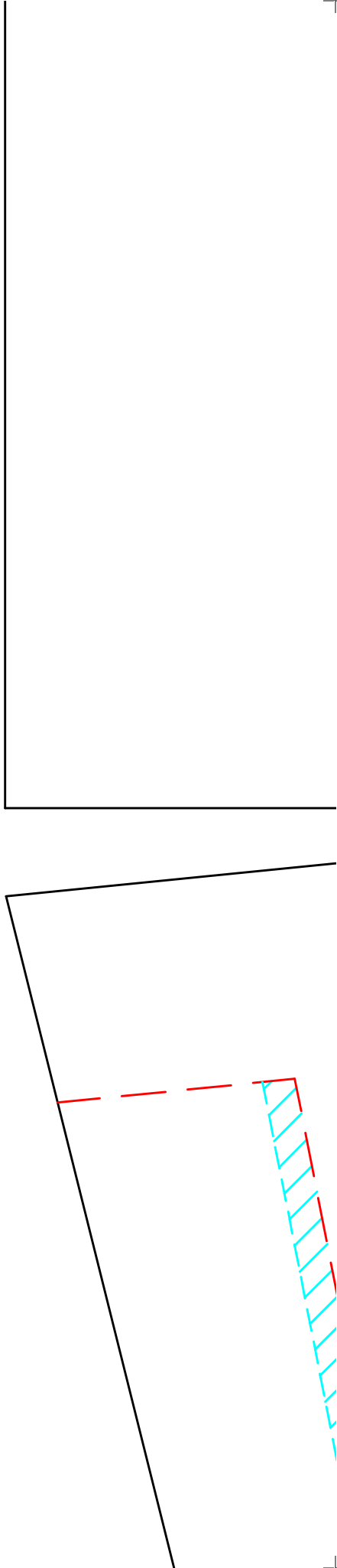
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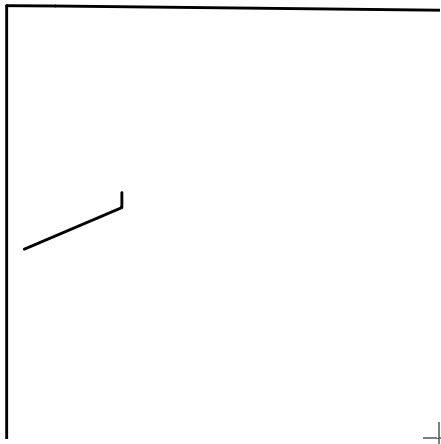


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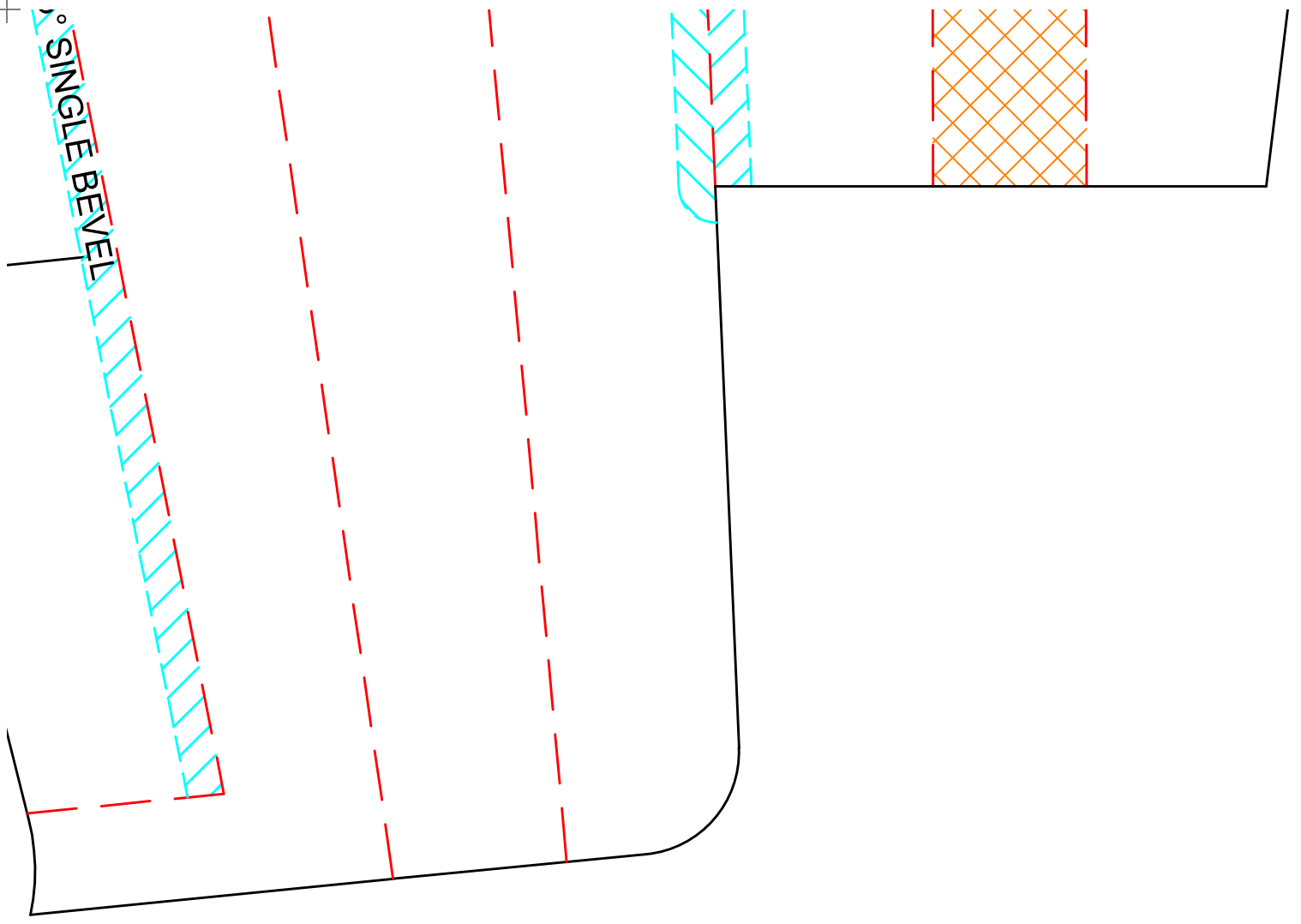
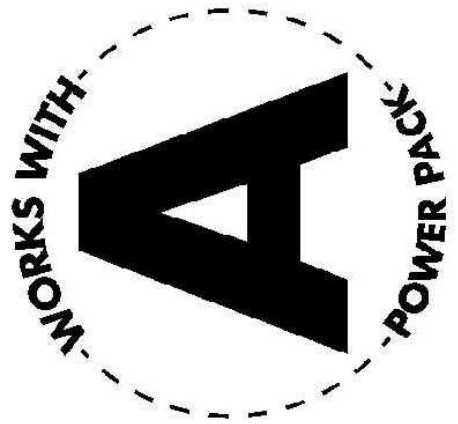
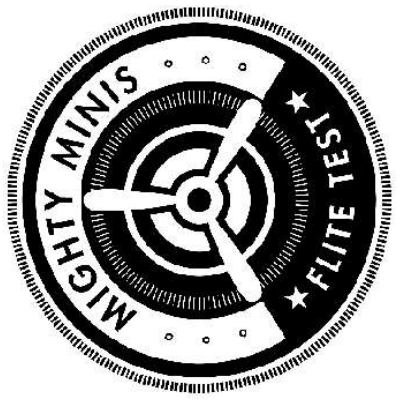
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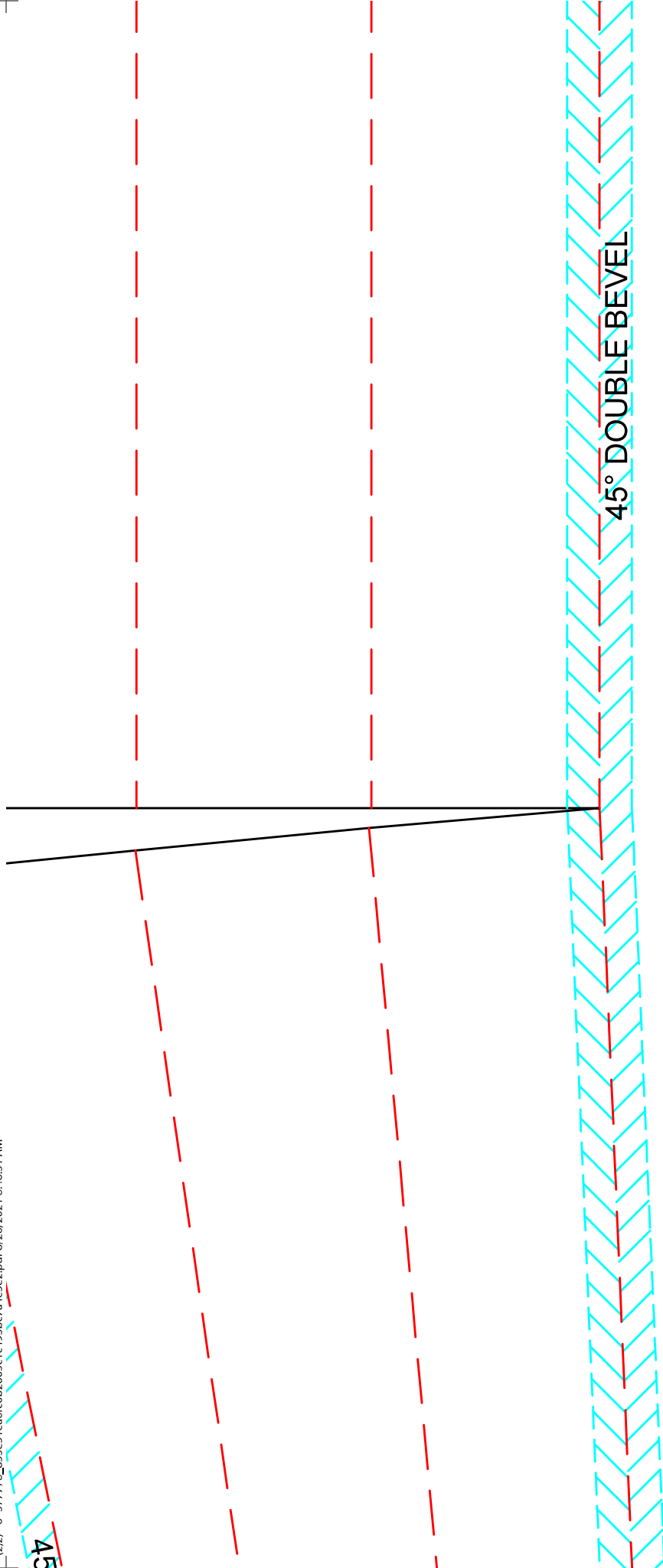


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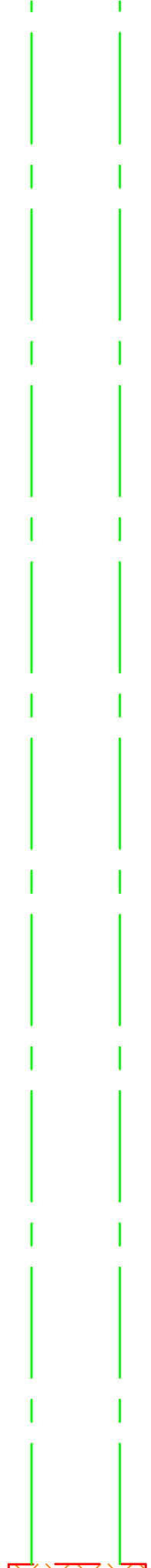
SHEET 2 OF 12

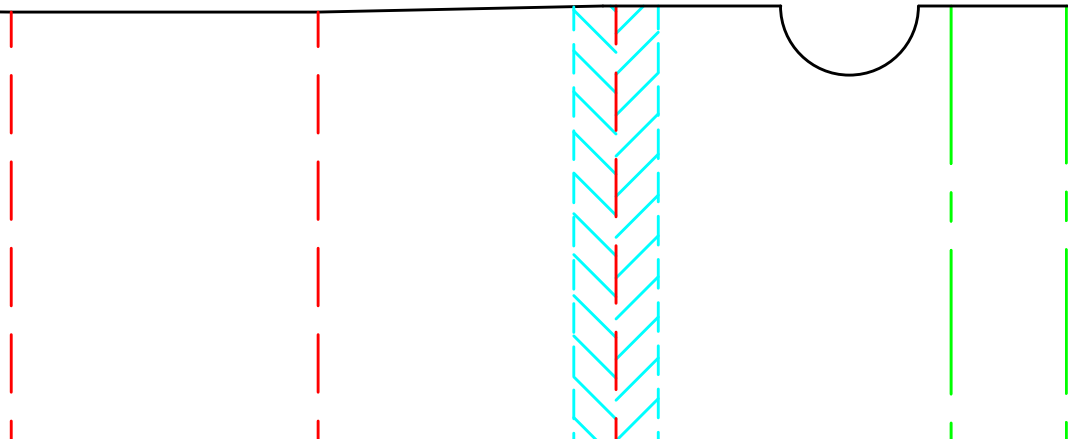




11 LEFT WING PANEL
FOAM BOARD
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1







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