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# AP Argus

Version 1.1 (2020-01-31)

Design & Drawing by: Tony Roehling



## GENERAL SPECIFICATIONS

WINGSPAN:	1100 mm		43.31 in
LENGTH:	810 mm		31.89 in
CG	40 mm		1.57 in
DRY WEIGHT:	502 g		17.71 oz
ALL UP WEIGHT:	667 g		23.53 oz (with 1600 mAh 4s)
WING LOADING:	28.9 g/dm <sup>2</sup>		9.5 oz/ft <sup>2</sup>
WCL:	6		
EXPO:	30 %		
CHANNELS:	4 (THR   AIL   ELV   RUD)		



## RECOMMENDED SETUP

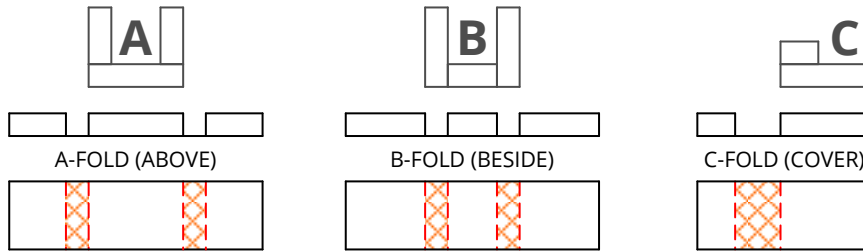
MOTOR:	935 kv (2212)
PROPELLER:	8 x 4
ESC:	30 A
SERVOS:	4 x 9 g
BATTERY:	1600 mAh 4s (Turnigy nano-tech)



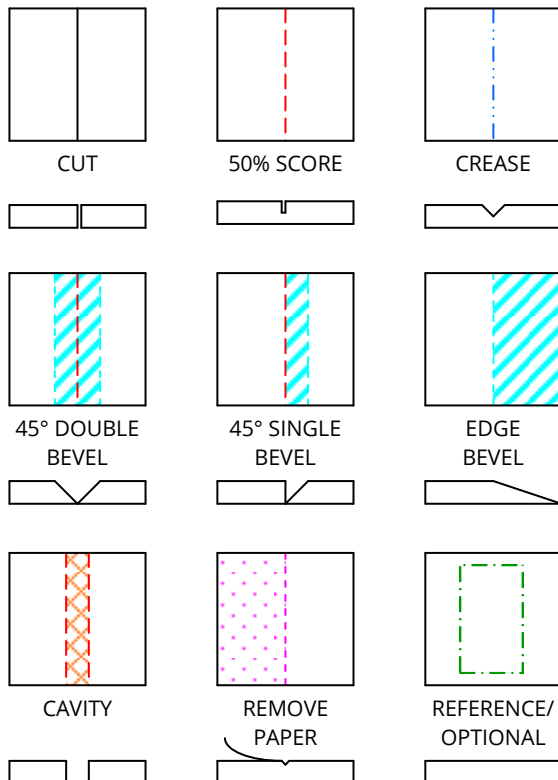
# DRAWING KEY

... based on the Flite Test Drawing Key created by Dan Sponholz

## FOLD TYPES

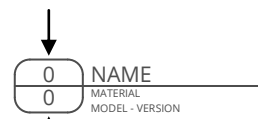


## LINE TYPE/COLOR



## SYMBOLS

PART NUMBER



QUANTITY



DOWEL HOLE



CENTER OF GRAVITY (CG)

# AP Argus - PARTS LIST

Version 1.1 (2020-01-31)

PART NR.	DESCRIPTION	QUANTITY	MATERIAL	SHEET
G1	90° TRIANGLE	1	FOAM BOARD	1
1	FRONT FUSELAGE	1	FOAM BOARD	1
2	WING SPAR FRAME	1	FOAM BOARD	1
3	POWER POD SPACER	2	FOAM BOARD	1
4	POWER POD PLATE	1	FOAM BOARD	1
5	FORMER A	1	FOAM BOARD	1
6	LOWER NOSE	1	FOAM BOARD	1
7	AIR INTAKE	1	FOAM BOARD	1
8	MOTOR COWLING	1	FOAM BOARD	1
9	REAR FUSELAGE	1	FOAM BOARD	1
10	FORMER B	1	FOAM BOARD	1
11	FORMER C	1	FOAM BOARD	1
12	WING SPACER	2	FOAM BOARD	1
13	LEFT WING PANEL	1	FOAM BOARD	2
14	RIGHT WING PANEL	1	FOAM BOARD	3
15	FRONT WING SPAR	4	FOAM BOARD	4
16	REAR WING SPAR	4	FOAM BOARD	4
17	WING SHEETING	2	FOAM BOARD	4
18	CENTER WING SPAR	4	FOAM BOARD	4
19	WING SPAR REINFORCEMENT	4	BBQ SKEWER	NF1
20	HORIZONTAL STABILIZER	1	FOAM BOARD	2
21	H-STAB REINFORCEMENT	1	BBQ SKEWER	NF1
22	ELEVATOR COMBINER	1	STEEL WIRE	NF2
23	VERTICAL STABILIZER	1	FOAM BOARD	1
24	LEFT SHEETING	1	FOAM BOARD	1
25	RIGHT SHEETING	1	FOAM BOARD	1
26	BATTERY HATCH	1	FOAM BOARD	1
27	FRONT HATCH FORMER	1	FOAM BOARD	1
28	REAR HATCH FORMER	1	FOAM BOARD	1
29	CANOPY	1	FOAM BOARD	1
30	HATCH MOUNT	2	FOAM BOARD	1
31	HATCH MOUNT PIN	1	BBQ SKEWER	NF1
32	WHEEL	4	FOAM BOARD OR PRINTED	3
33	WHEEL SUPPORT DISC	8	PLASTC CARD OR PRINTED	NF2
34	LEFT WHEEL SHEETING	2	FOAM BOARD	3
35	RIGHT WHEEL SHEETING	2	FOAM BOARD	3
36...."	LANDING GEAR LEG (CHOOSE FOR PROPELLER SIZE: 7", 8", 9")	2	FOAM BOARD	3
37...."	LEG REINFORCEMENT (CHOOSE FOR PROPELLER SIZE: 7", 8", 9")	6	BBQ SKEWER	NF1
38	SPACER	2	FOAM BOARD	3
39	REAR WHEEL SHEETING	2	FOAM BOARD	3
40	FRONT WHEEL SHEETING	2	FOAM BOARD	3
41	WHEEL MOUNT PIN	2	TOOTH PICKER	NF1
42	SKID	1	FOAM BOARD	3
43	SKID REINFORCEMENT	1	BBQ SKEWER	NF1
44	CONTROL HORN	4	PLASTIC CARD OR PRINTED	NF2
45	MINI POWER POD	1	FOAM BOARD	4
46	MINI FIREWALL	1	PLYWOOD OR PRINTED	NF2
47	POWER POD MOUNT PIN	2	BBQ SKEWER	NF1

**Take a look at the BUILD GUIDE. It is available in a separate file!**

# AP ARGUS - SHEET NF1

Version 1.1 (2020-01-31)

## BBQ SKEWER & TOOTH PICKER



19 WING SPAR REINFORCEMENT  
BBQ SKEWER  
AP ARGUS - VERSION 1.1



21 H-STAB REINFORCEMENT  
BBQ SKEWER  
AP ARGUS - VERSION 1.1



31 HATCH MOUNT PIN  
1 BBQ SKEWER  
AP ARGUS - VERSION 1.1



37.7" LEG REINFORCEMENT (7" Propeller)  
6 BBQ SKEWER  
AP ARGUS - VERSION 1.1



37.8" LEG REINFORCEMENT (8" Propeller)  
6 BBQ SKEWER  
AP ARGUS - VERSION 1.1



37.9" LEG REINFORCEMENT (9" Propeller)  
6 BBQ SKEWER  
AP ARGUS - VERSION 1.1



41 WHEEL MOUNT PIN  
2 TOOTH PICKER  
AP ARGUS - VERSION 1.1



43 SKID REINFORCEMENT  
1 BBQ SKEWER  
AP ARGUS - VERSION 1.1



47 POWER POD MOUNT PIN  
2 BBQ SKEWER  
AP ARGUS - VERSION 1.1

# AP ARGUS - SHEET NF2

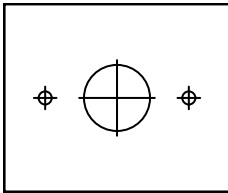
Version 1.1 (2020-01-31)

## STEEL WIRE



22 ELEVATOR COMBINER  
1 STEEL WIRE (Ø min. 1mm)  
AP ARGUS - VERSION 1.1

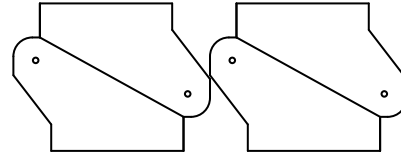
## PLYWOOD OR PRINTED



46 MINI FIREWALL  
1 PLYWOOD  
AP ARGUS - VERSION 1.1

**Cut out the Mini Firewall from plywood or use the Flite Test Mighty Mini Firewall (Part# FLT-2033) or print one.**

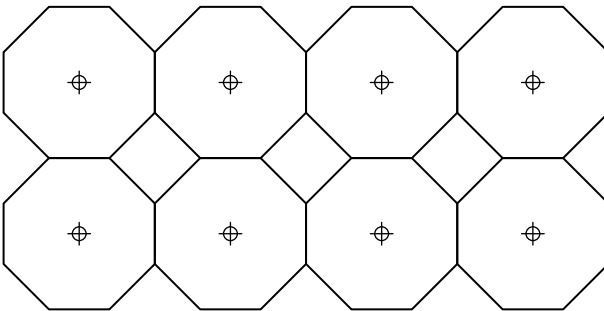
## PLASTIC CARD OR PLYWOOD OR PRINTED



44 CONTROL HORN  
4 PLASTIC CARD  
AP ARGUS - VERSION 1.1

**Cut out the control horns from a plastic card or plywood or use the Flite Test Mighty Mini Control Horns (Part# FLT-2034) or print them.**

## PLASTIC CARD OR PRINTED



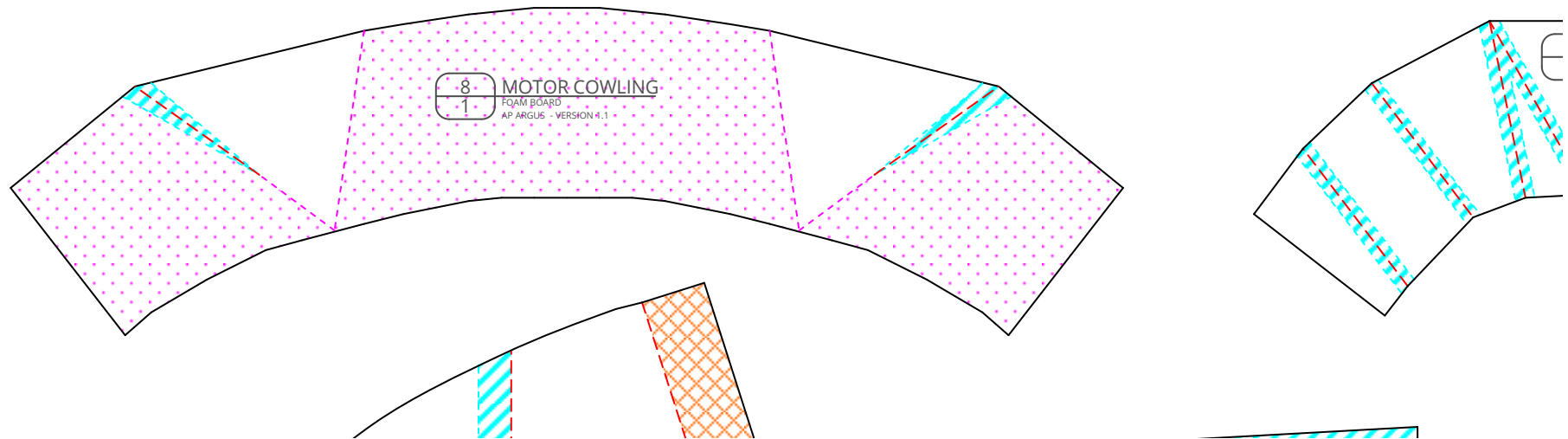
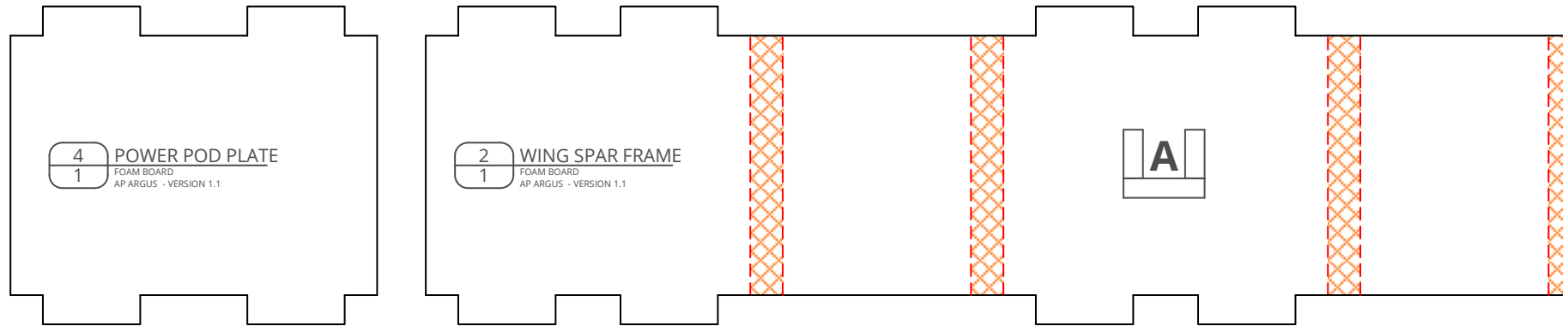
33 WHEEL SUPPORT DISC  
8 PLASTIC CARD  
AP ARGUS - VERSION 1.1

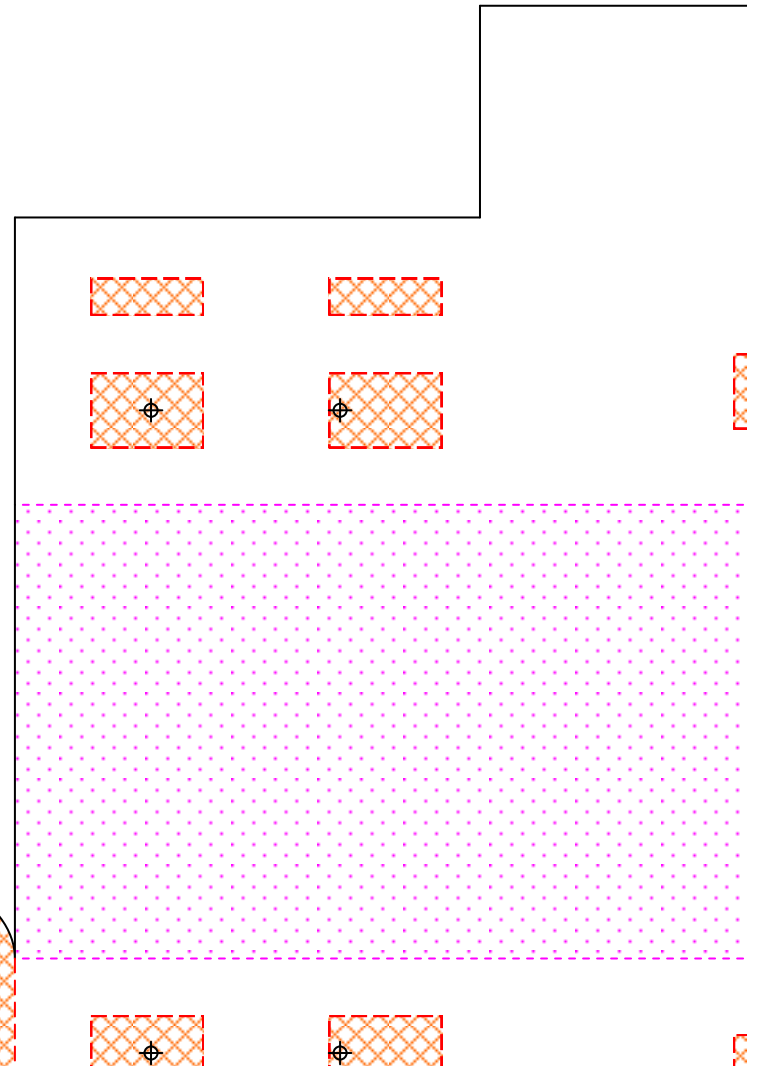
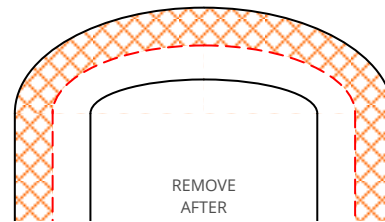
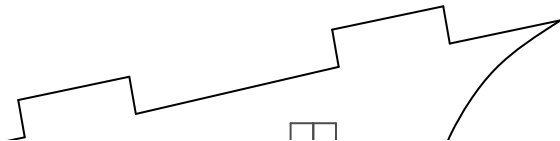
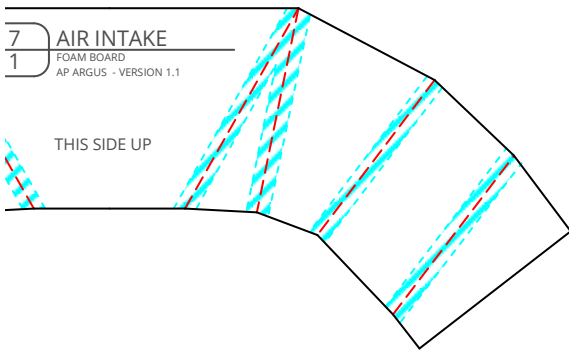
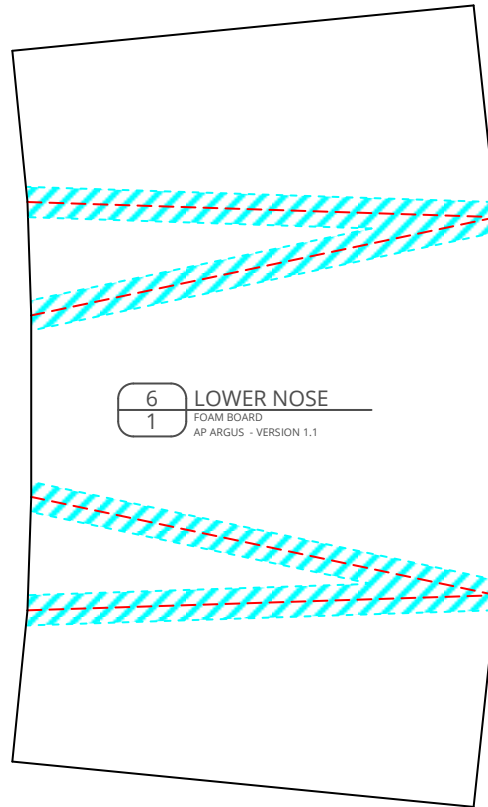
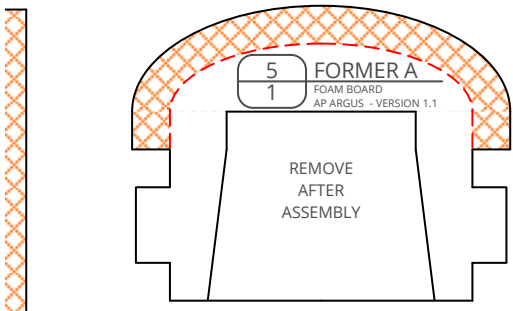
**Cut out the wheel support discs from a plastic card or print them. If you use printed or purchased wheels, you only need 4 wheel support discs for the wheel shoe.**

# AP ARGUS - VERSION 1.1 (2020-01-31)



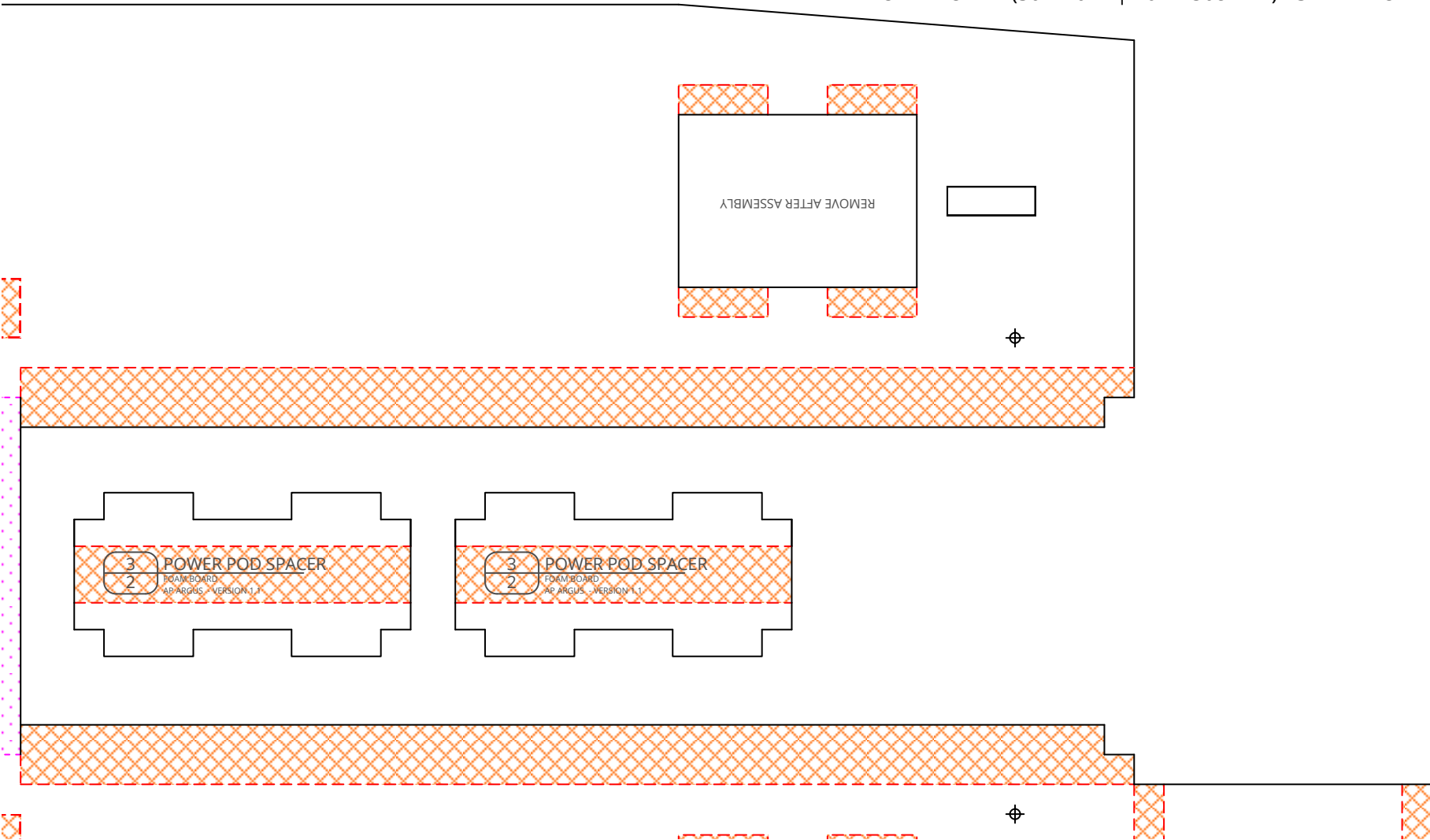
Design & Drawing by: Tony Roehling



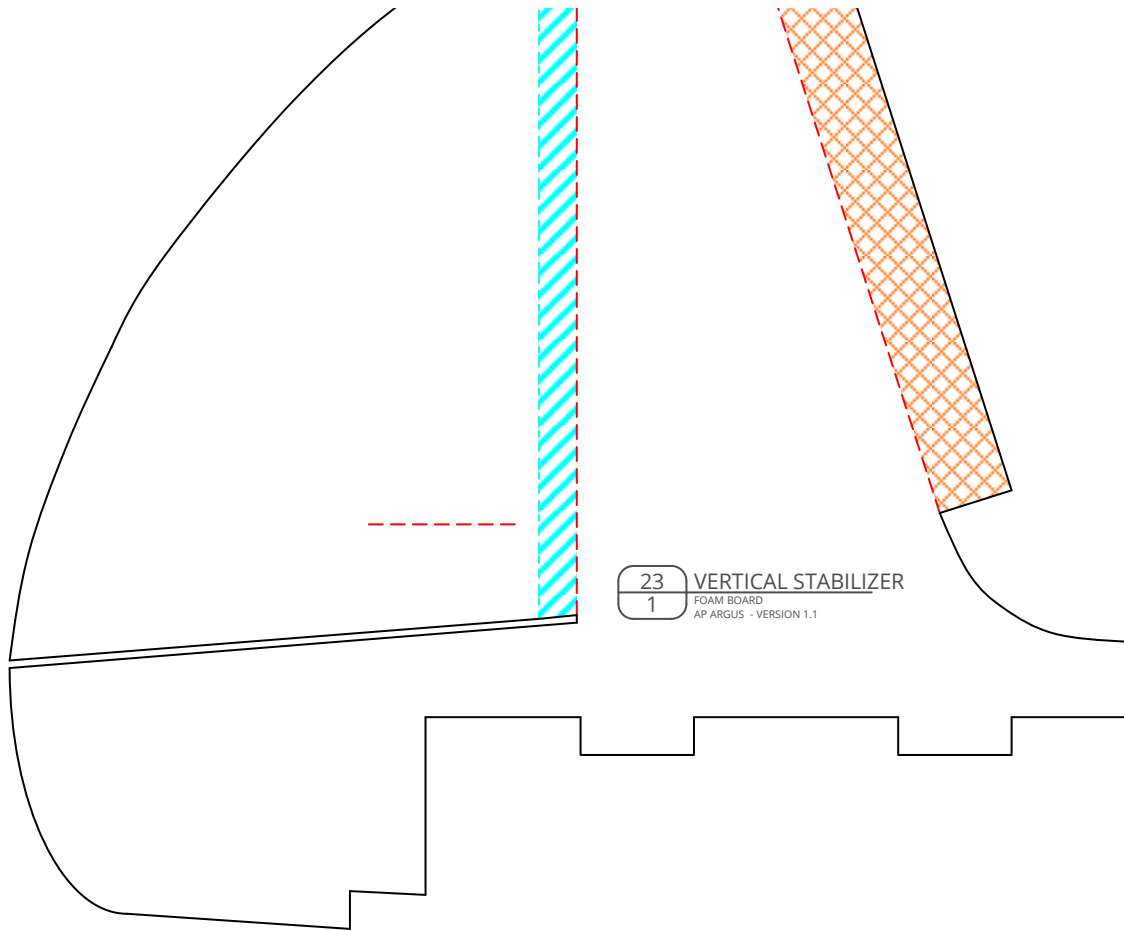


in  
cm

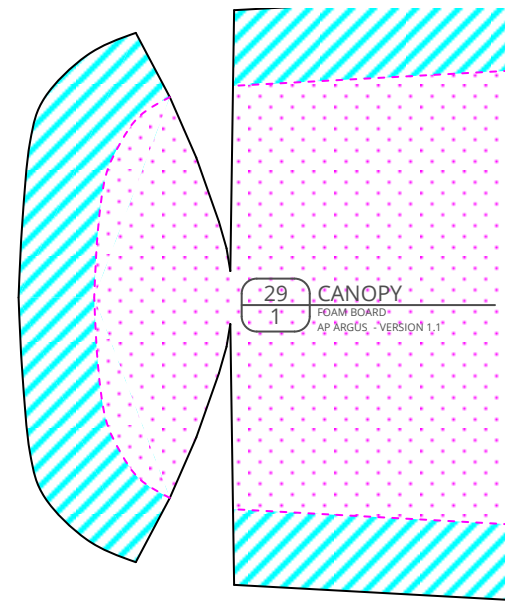
FOAM BOARD (30 x 20 in | 762 x 508 mm) - SHEET 1 OF 4



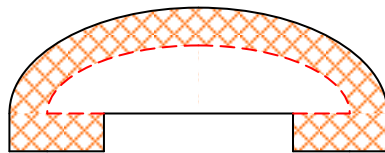




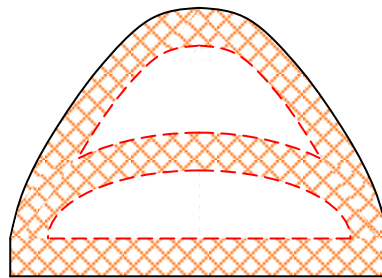
23 VERTICAL STABILIZER  
1 FOAM BOARD  
AP ARGUS - VERSION 1.1



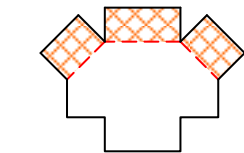
29 CANOPY  
1 FOAM BOARD  
AP ARGUS - VERSION 1.1



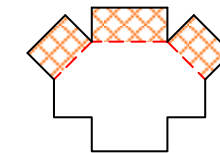
27 FRONT HATCH FORMER  
1 FOAM BOARD  
AP ARGUS - VERSION 1.1



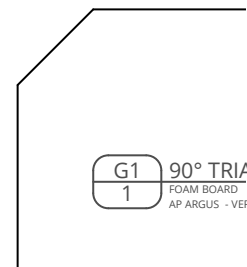
28 REAR HATCH FORMER  
1 FOAM BOARD  
AP ARGUS - VERSION 1.1



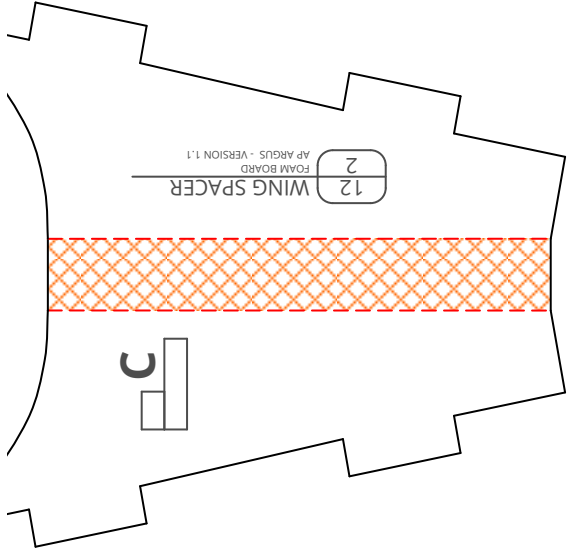
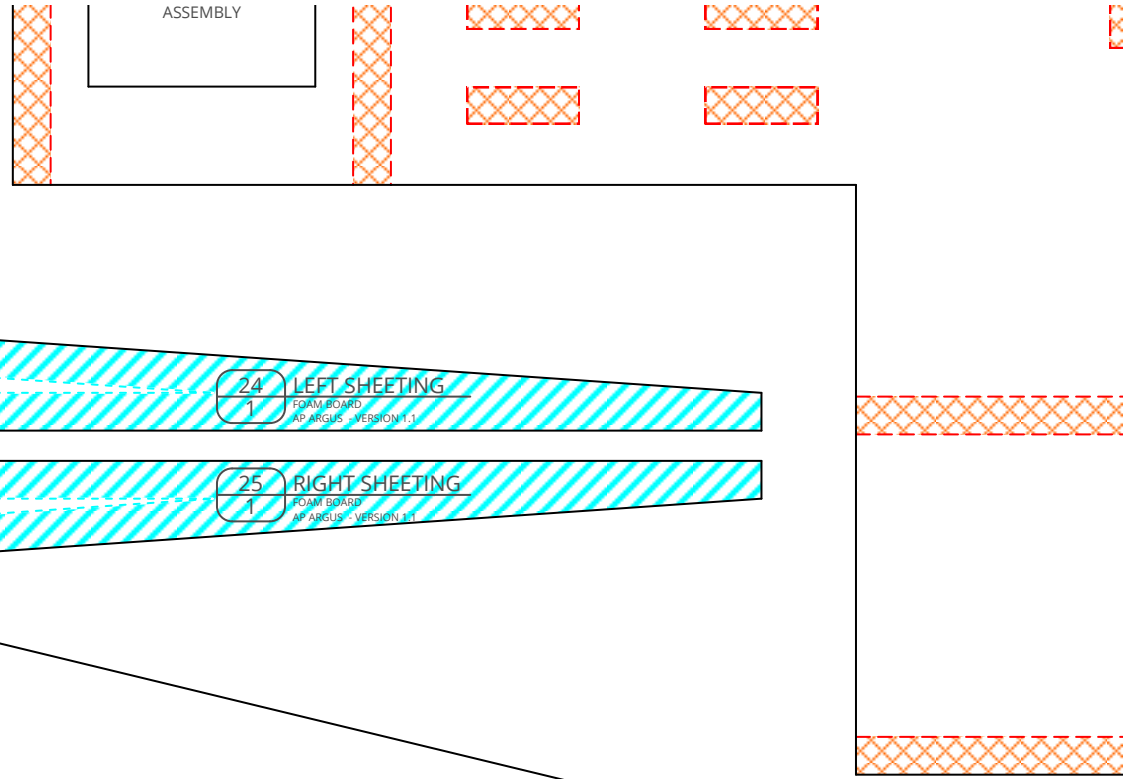
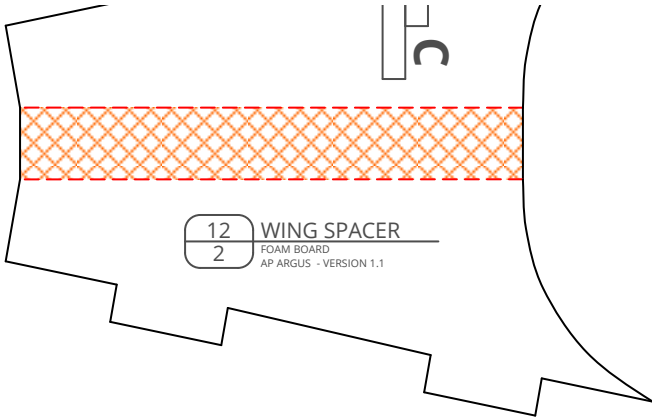
30 HATCH MOUNT  
2 FOAM BOARD  
AP ARGUS - VERSION 1.1



30 HATCH MOUNT  
2 FOAM BOARD  
AP ARGUS - VERSION 1.1

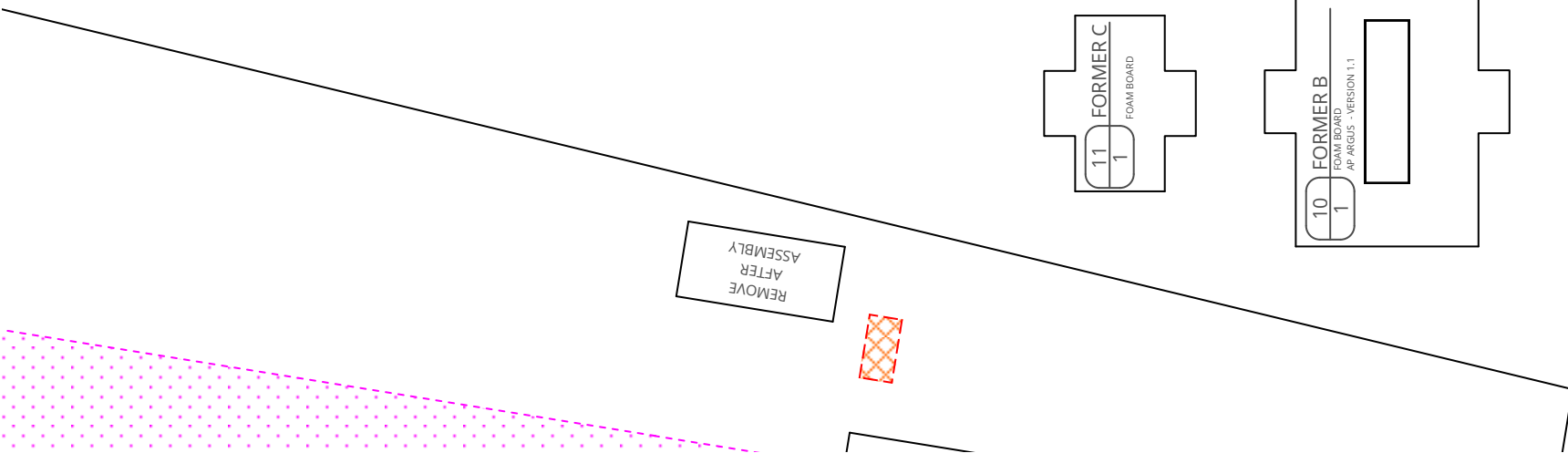
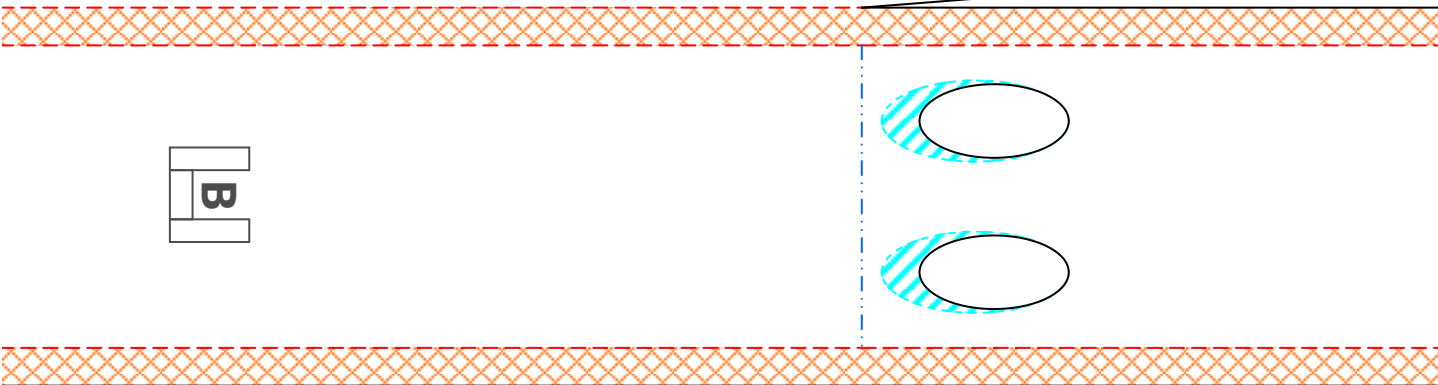
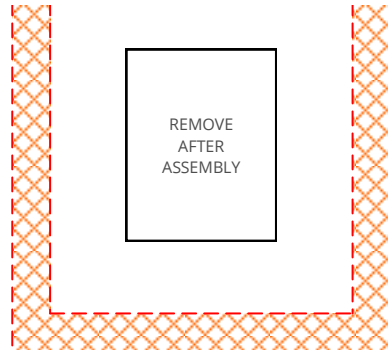
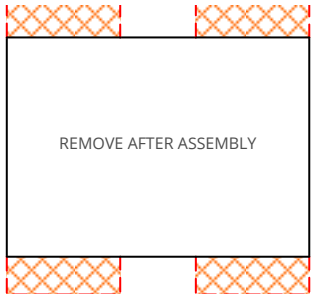


G1 90° TRIA  
1 FOAM BOARD  
AP ARGUS - VER

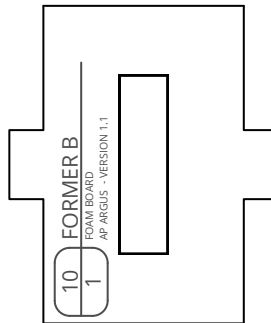
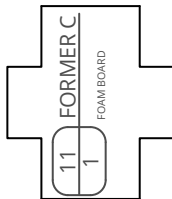




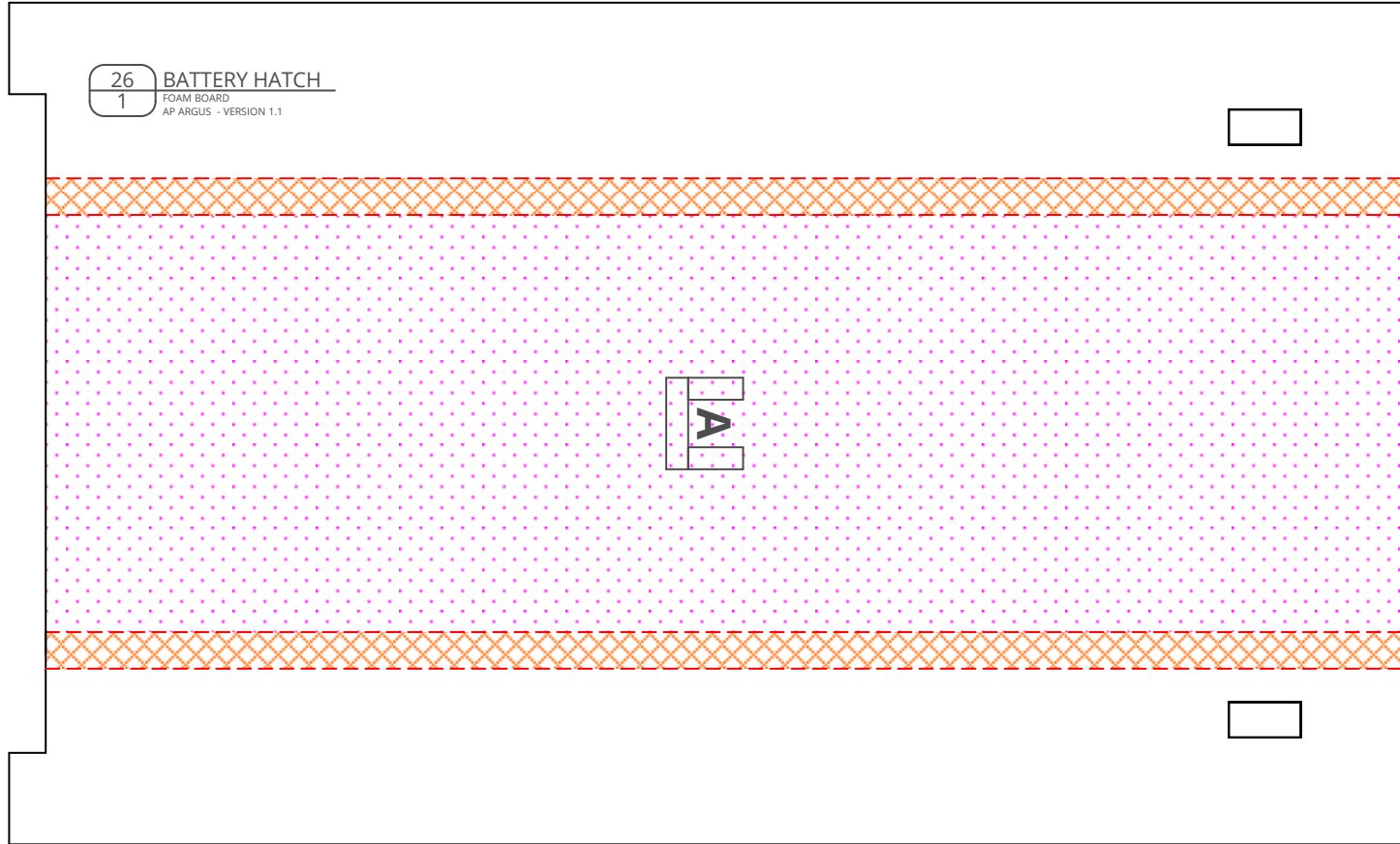
1 FRONT FUSELAGE  
 1 FOAM BOARD  
 AP ARGUS - VERSION 1.1

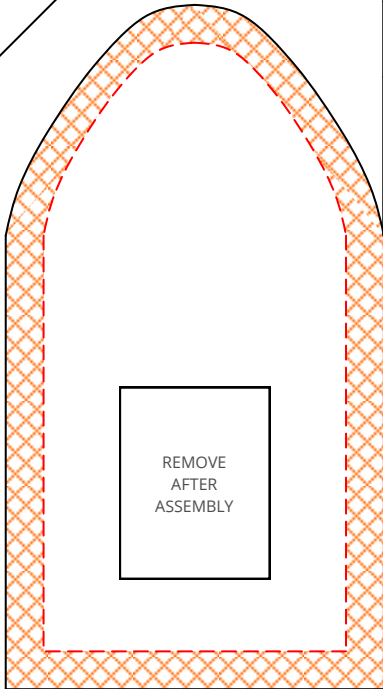


REMOVE  
 AFTER  
 ASSEMBLY

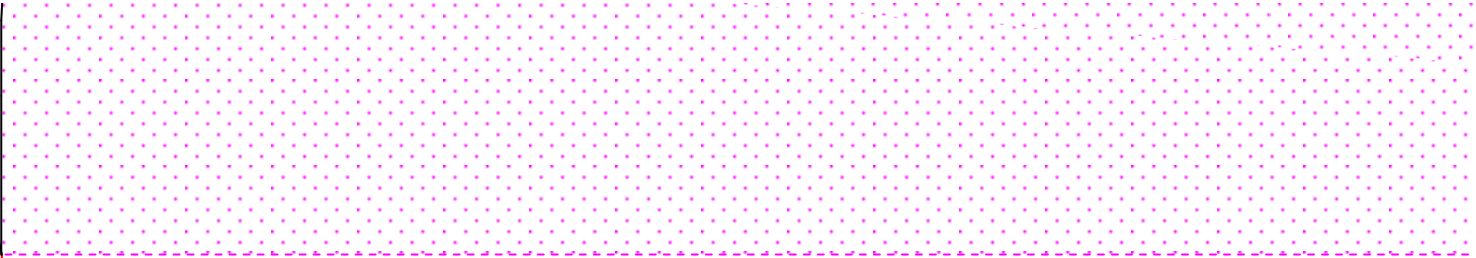


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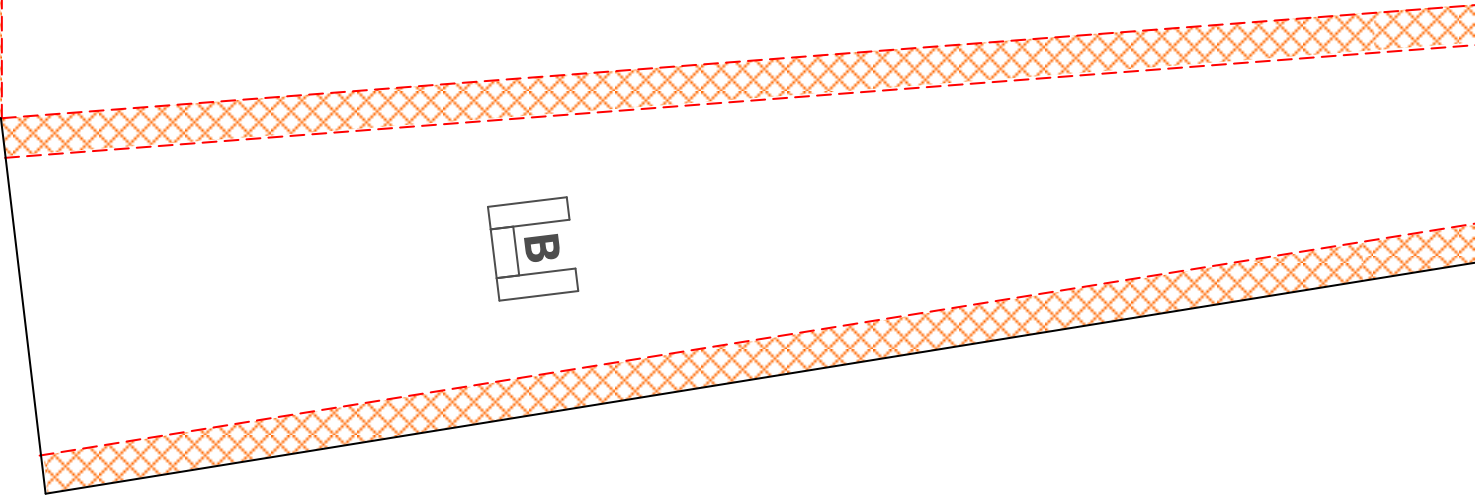
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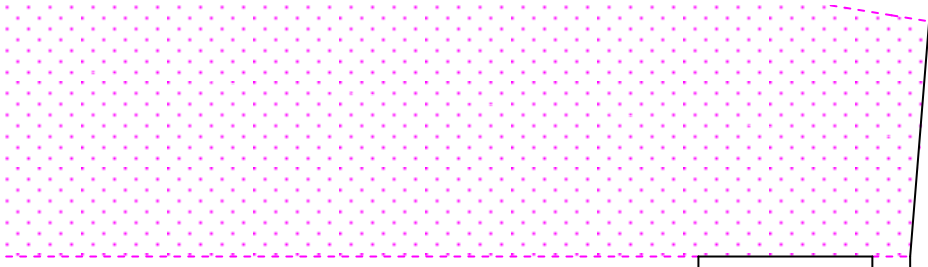
9 REAR FUSELAGE  
1 FOAM BOARD  
AP ARGUS - VERSION 1.1

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ASSEMBLY

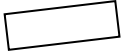
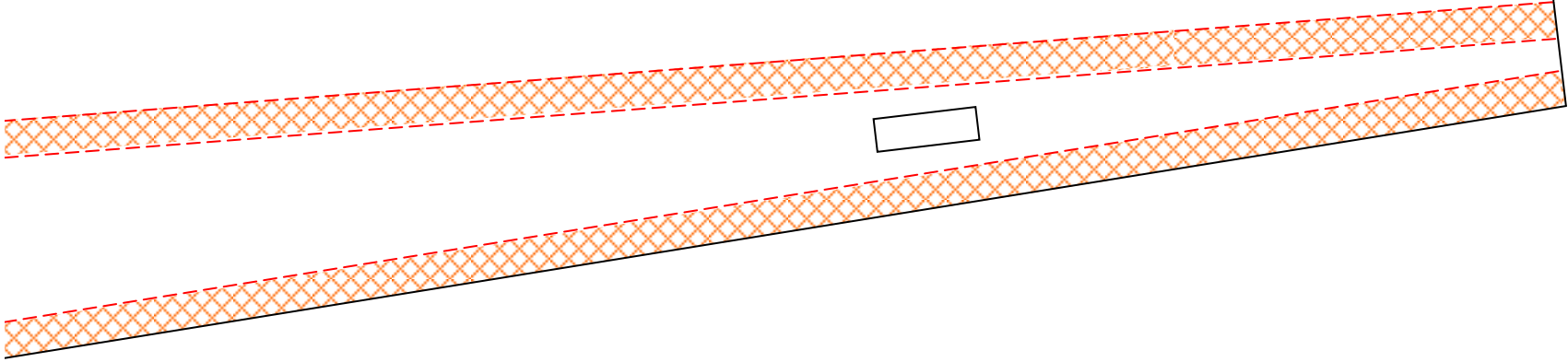
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B



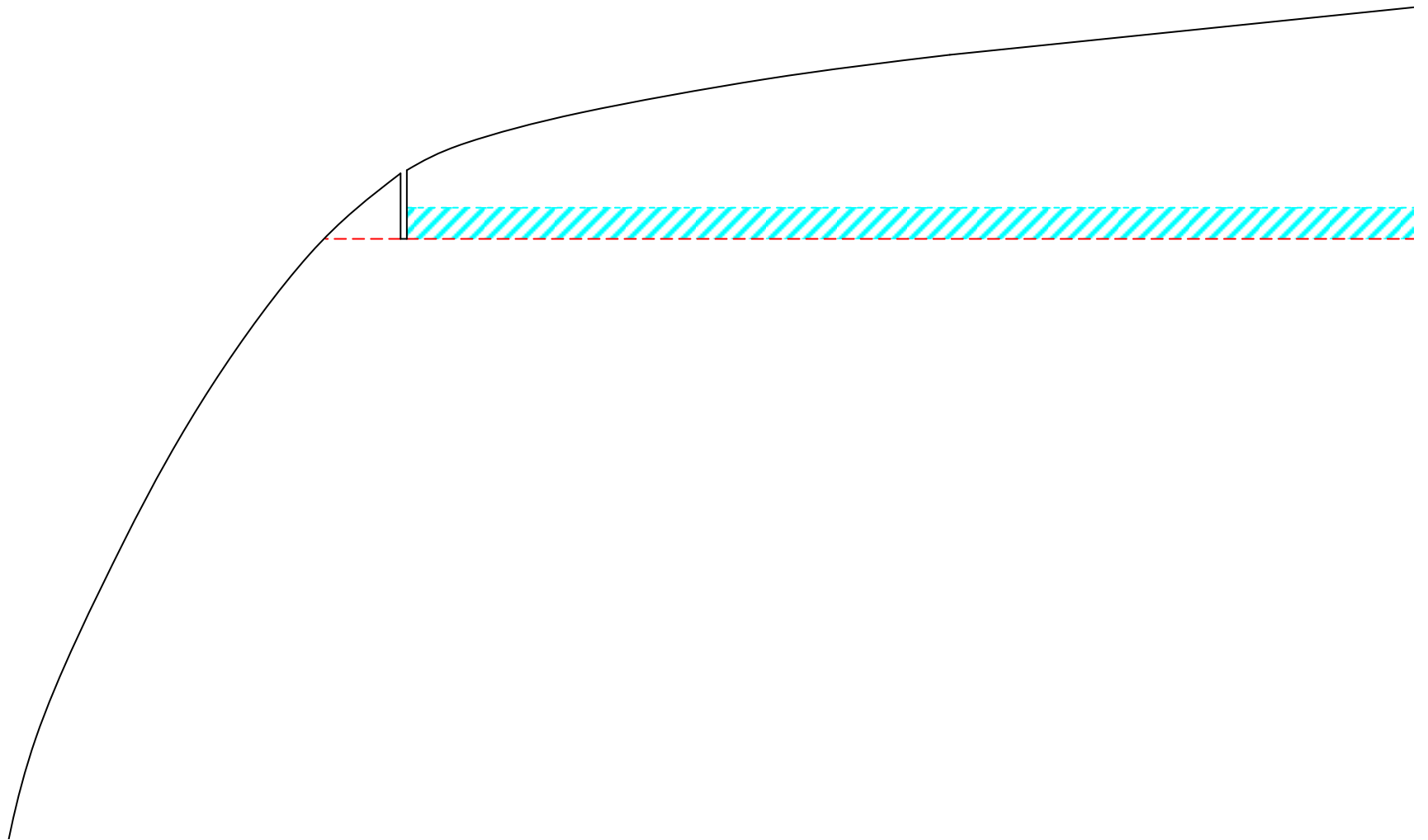
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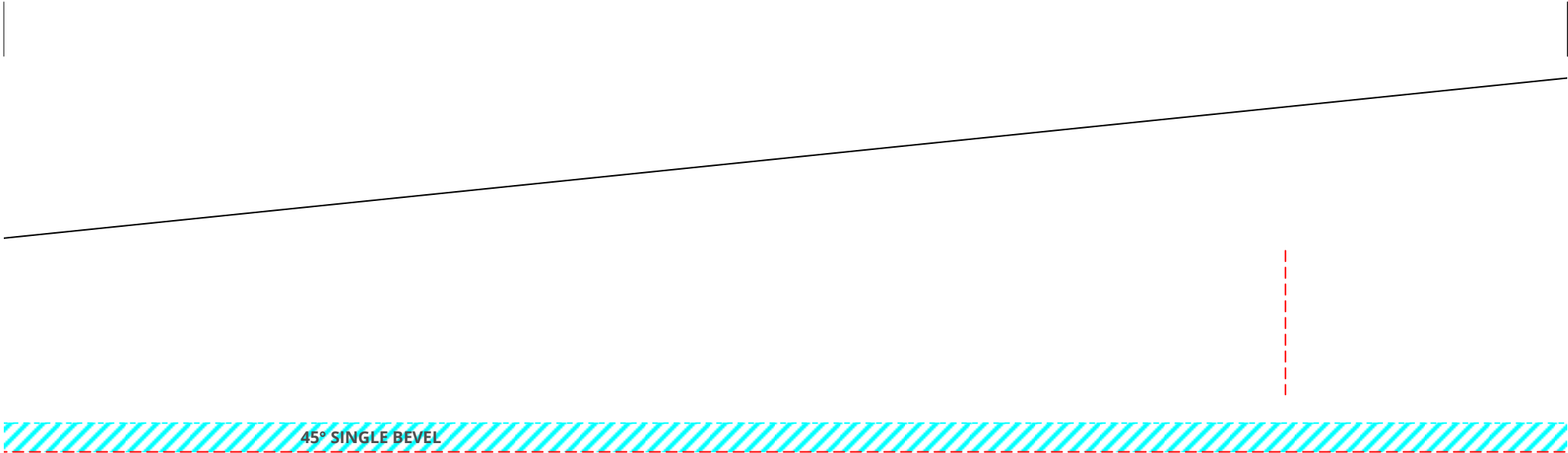


# AP ARGUS - VERSION 1.1 (2020-01-31)



Design & Drawing by: Tony Roehling





45° SINGLE BEVEL

13	LEFT WING P/
1	FOAM BOARD AP ARGUS - VERSION 1.1

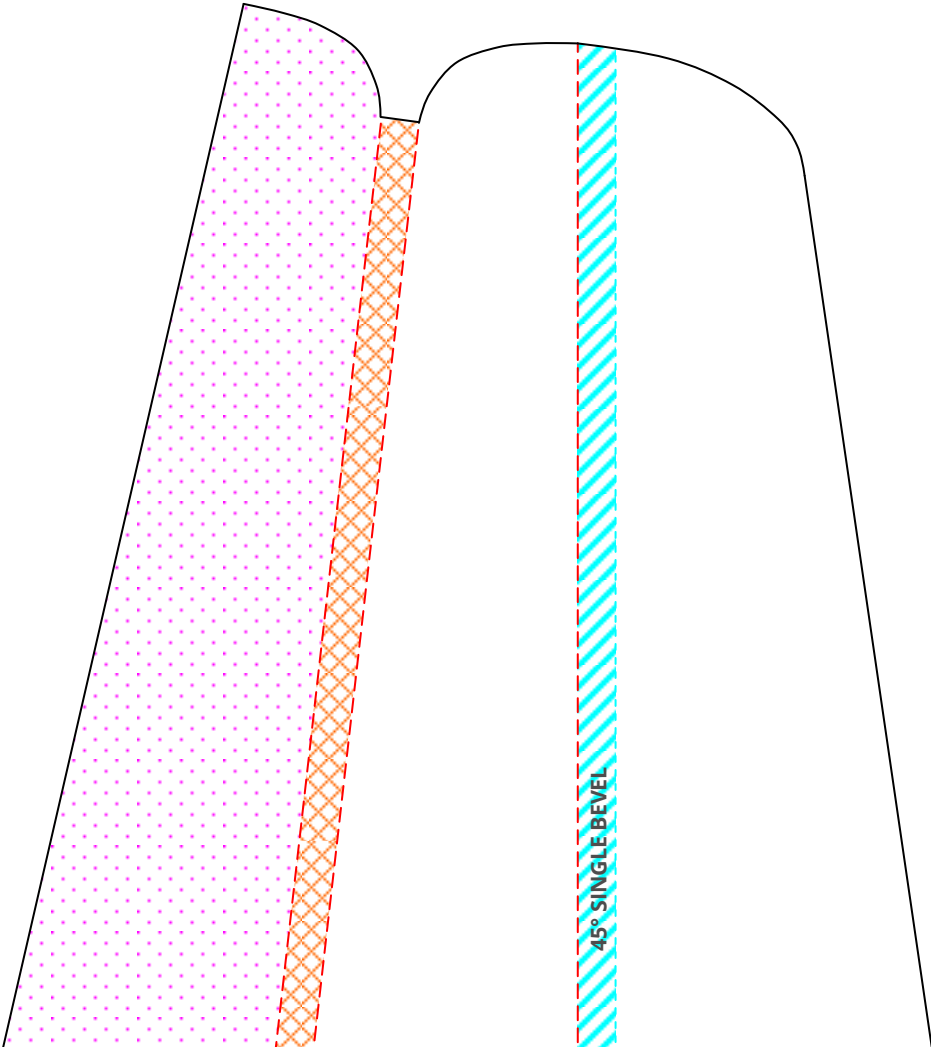


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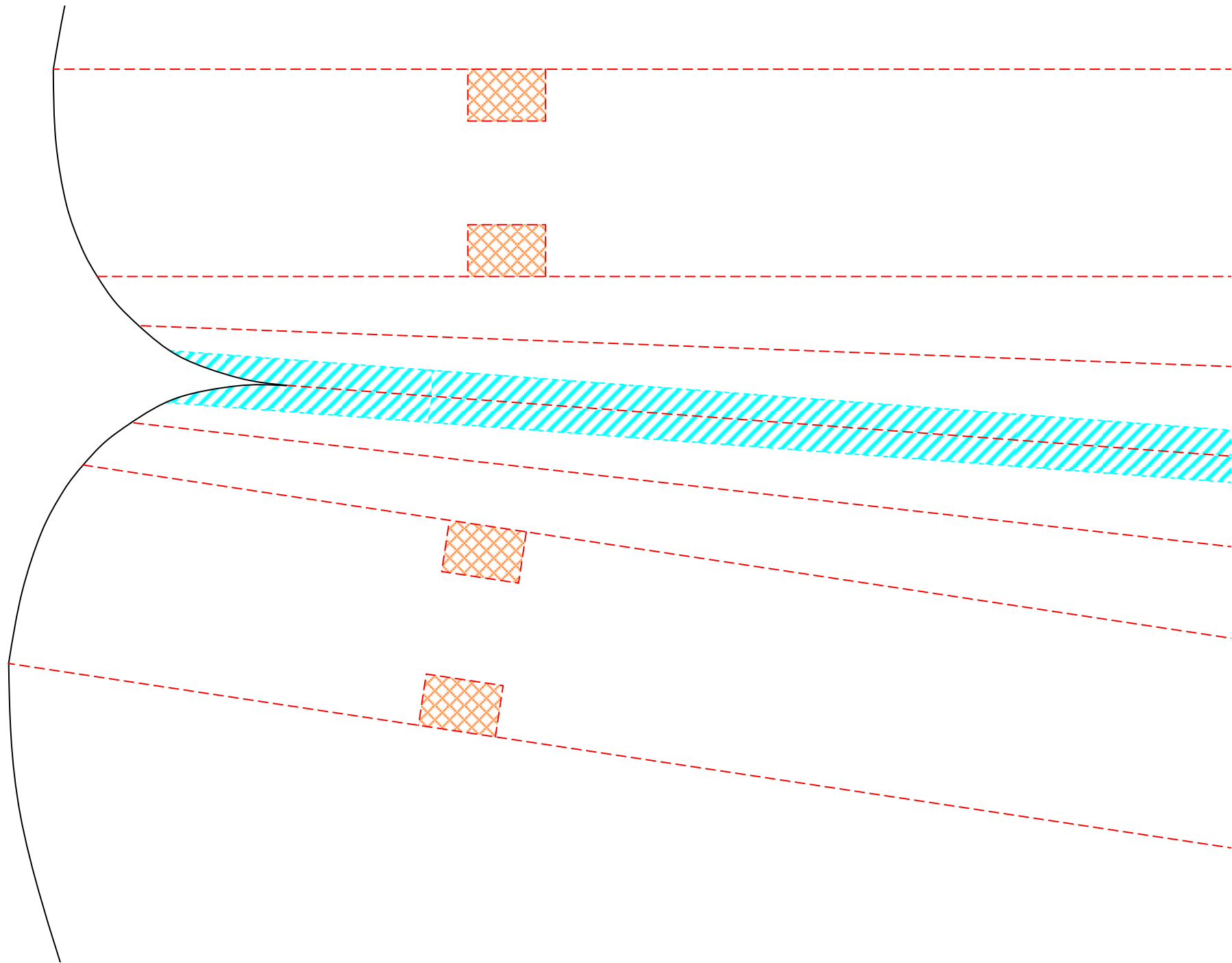
FOAM BOARD (30 x 20 in | 762 x 508 mm) - SHEET 2 OF 4

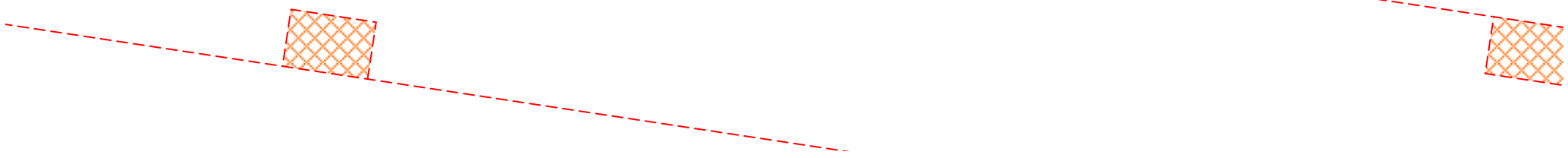
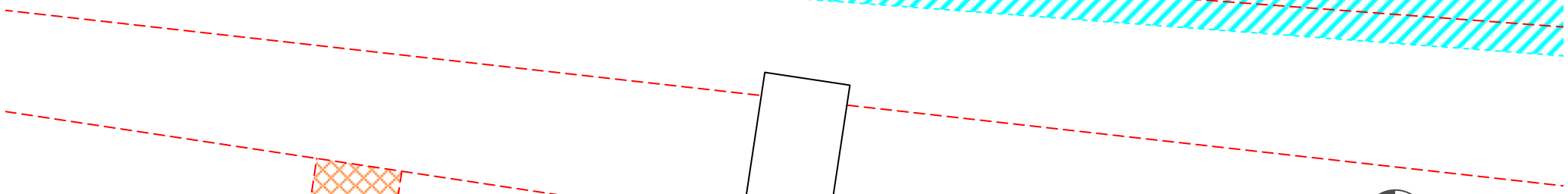
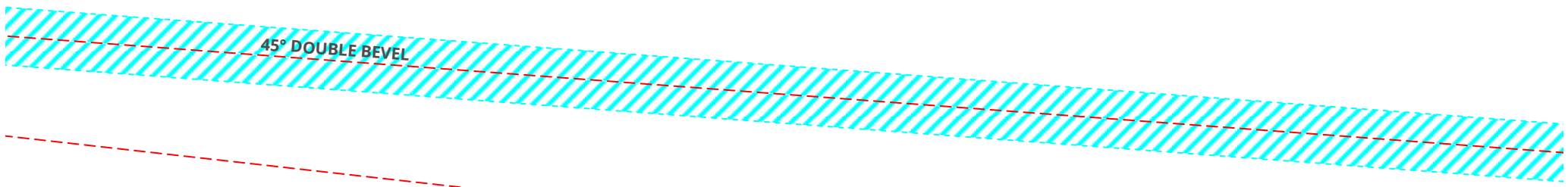


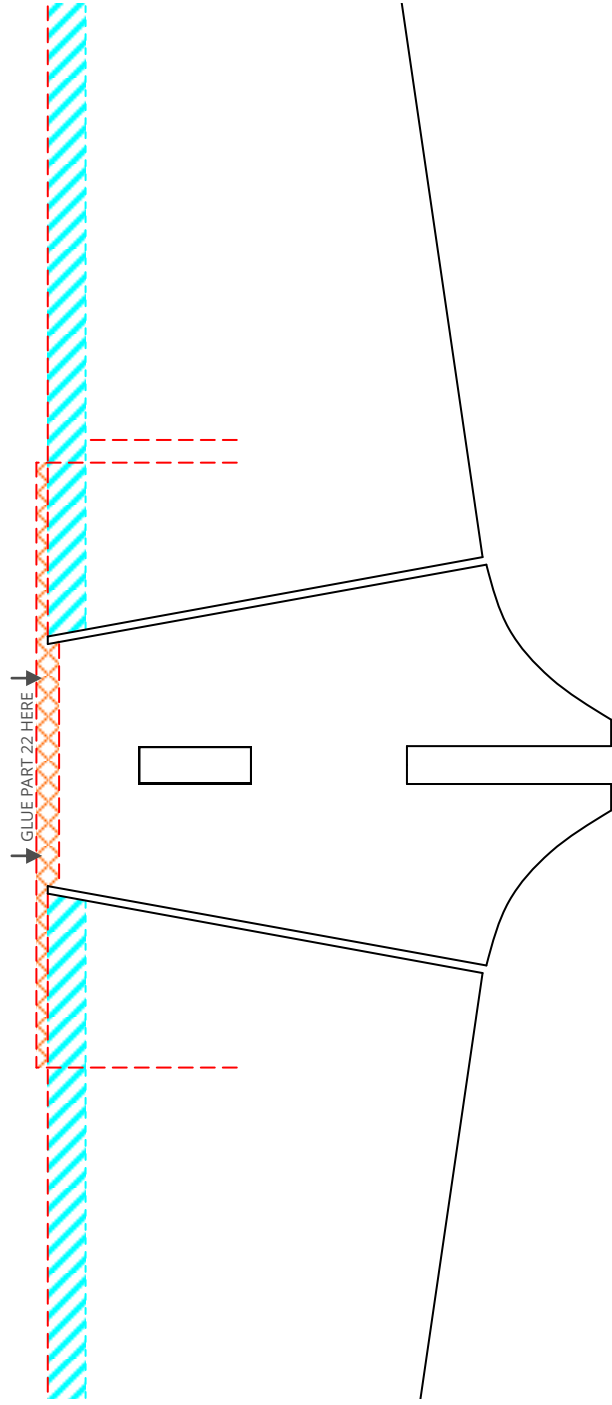
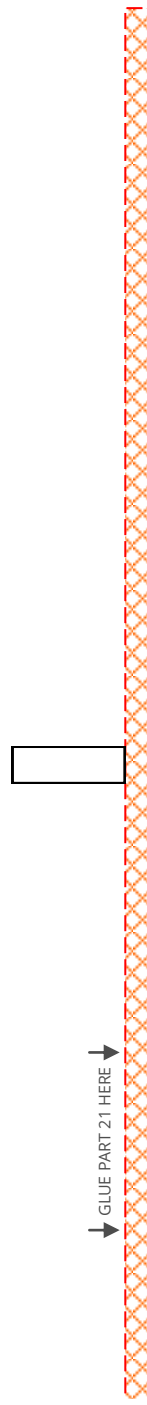
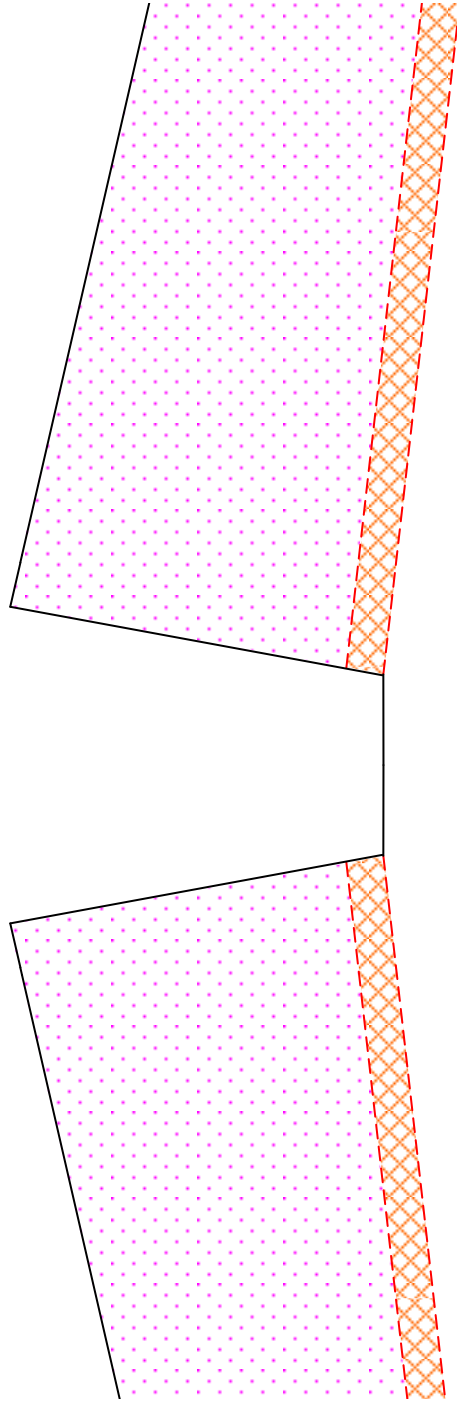
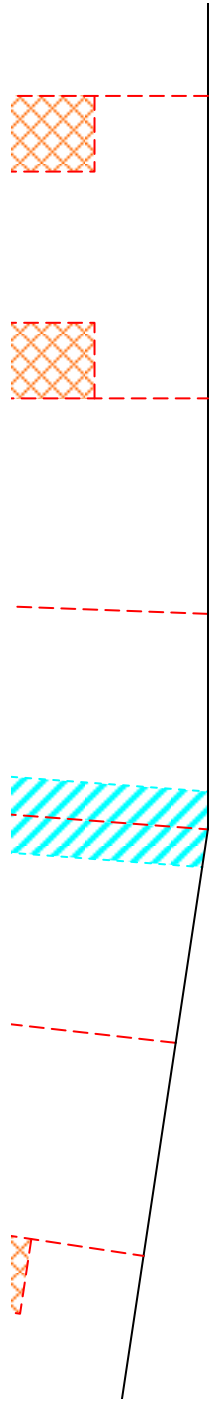
ANEL



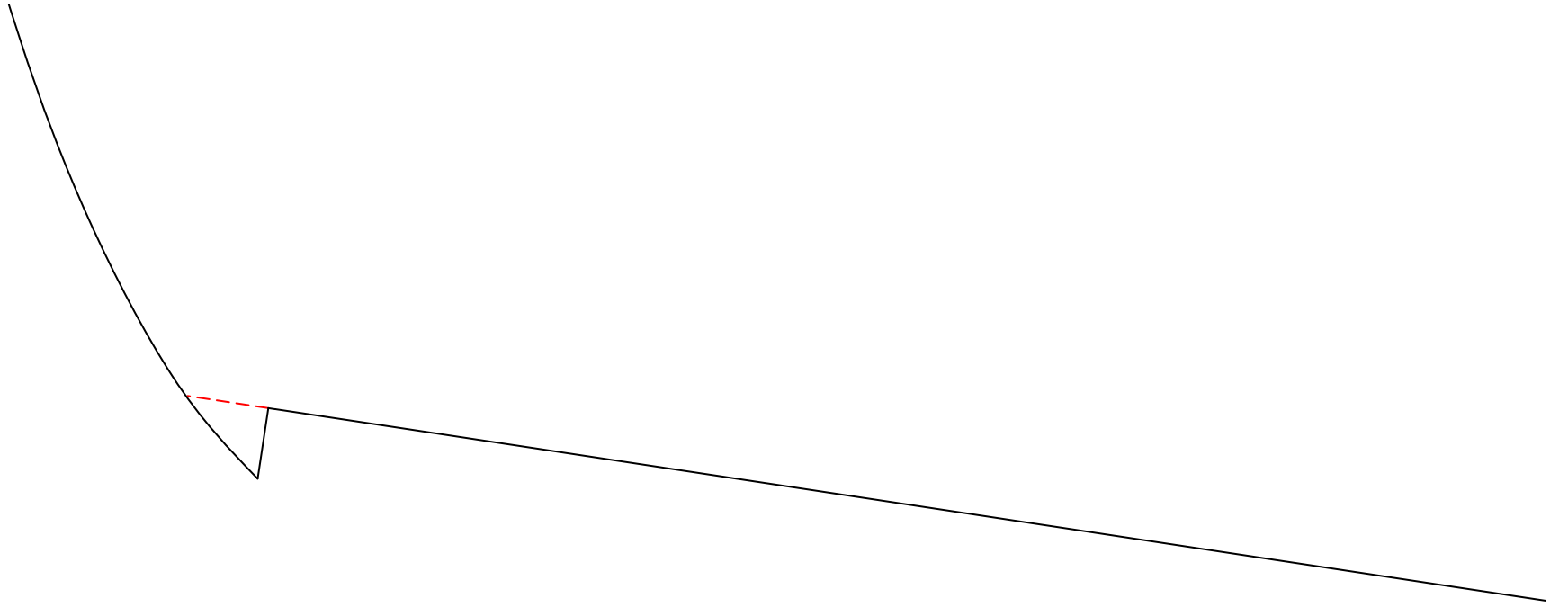
45° SINGLE BEVEL

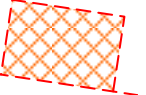
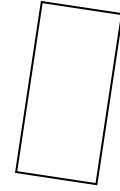
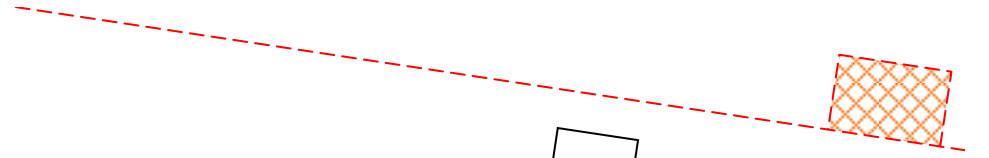
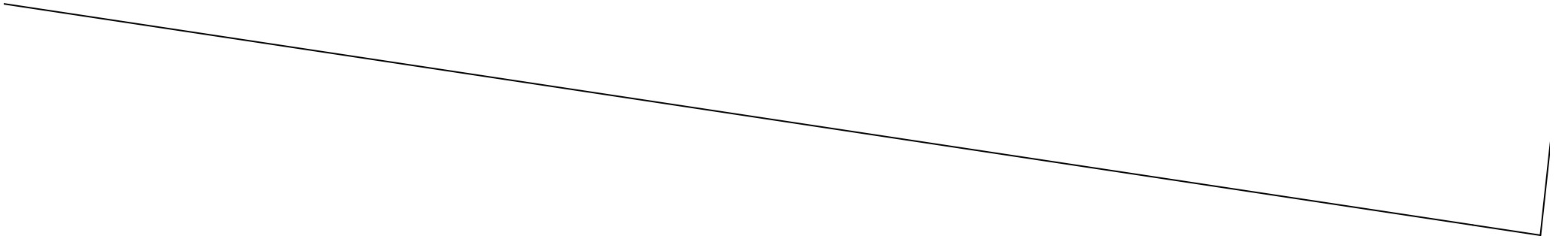


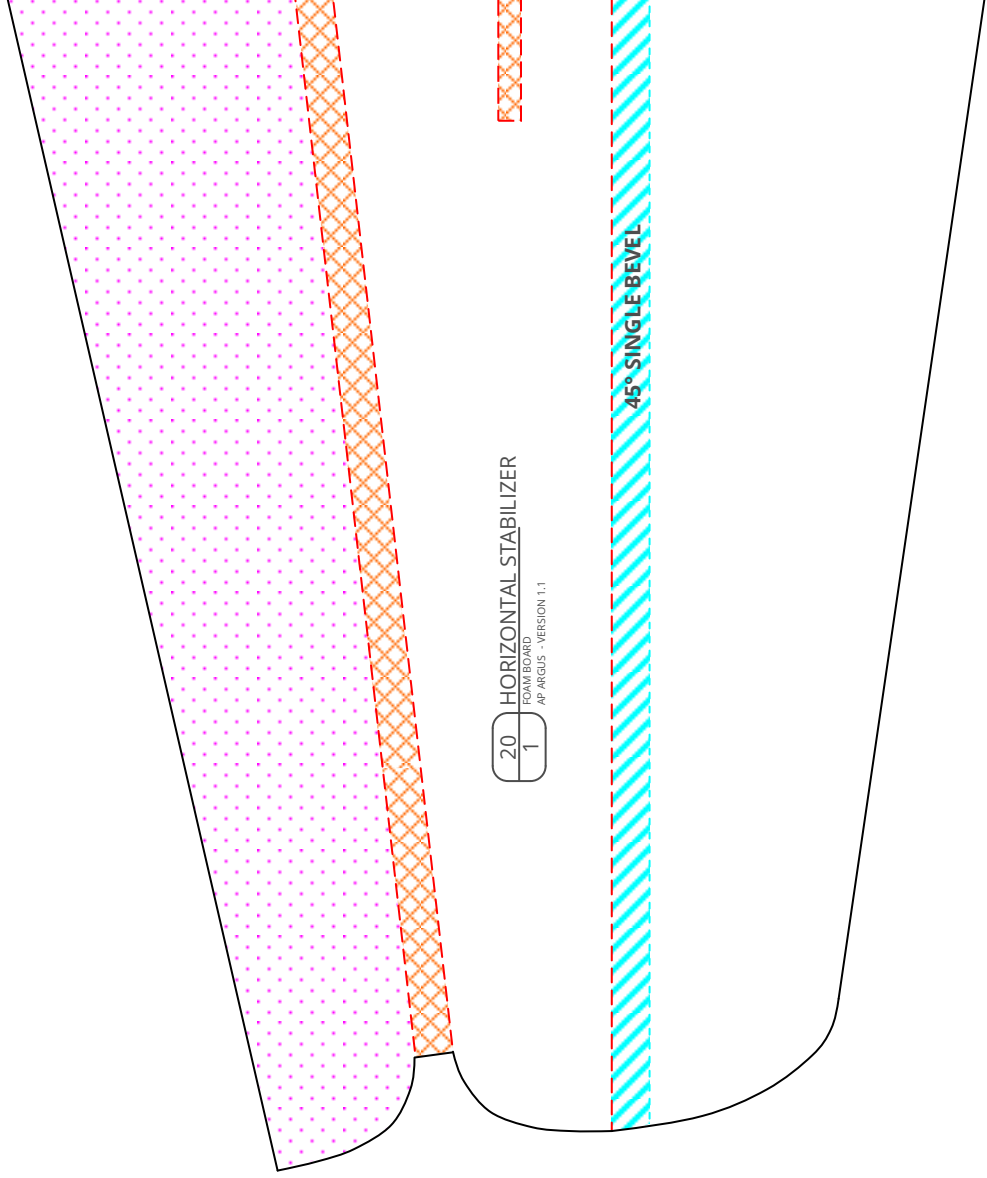




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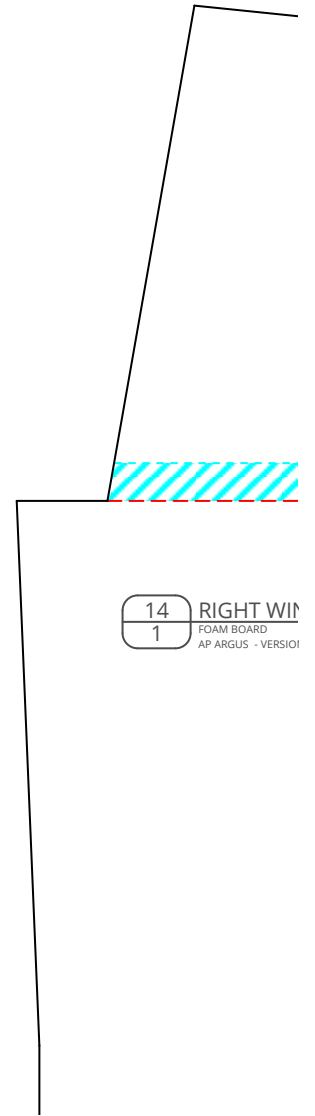
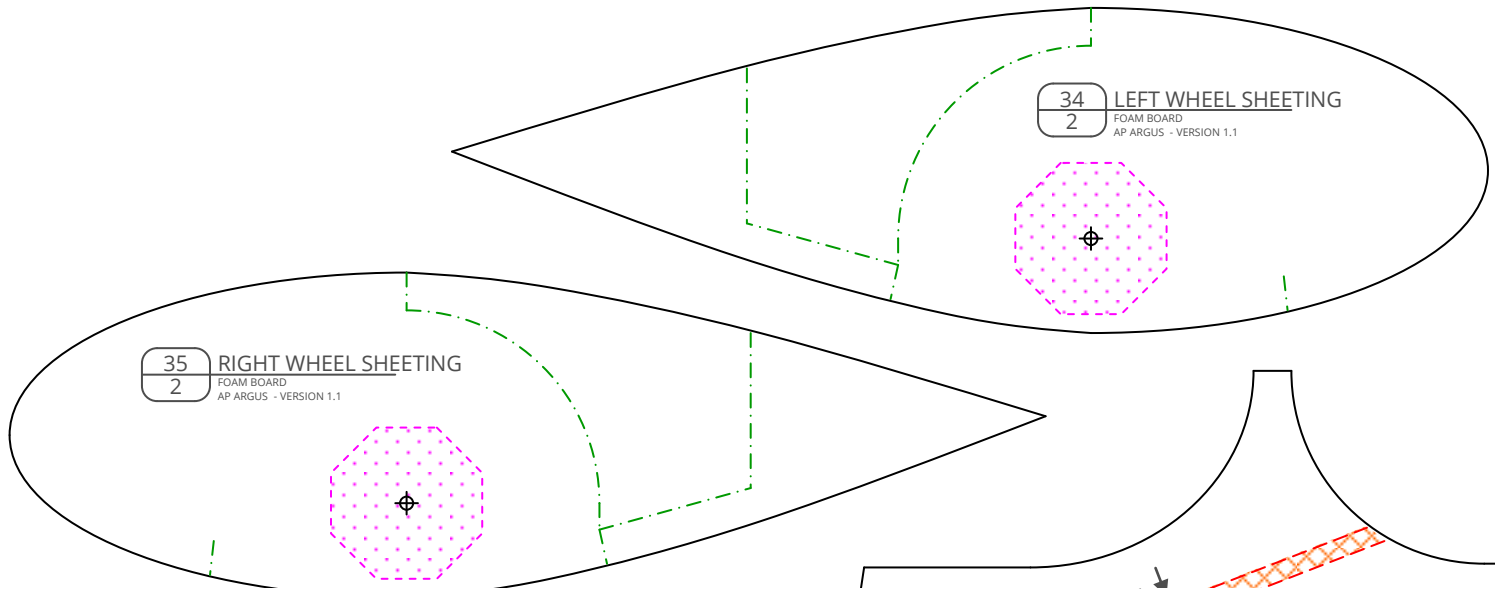
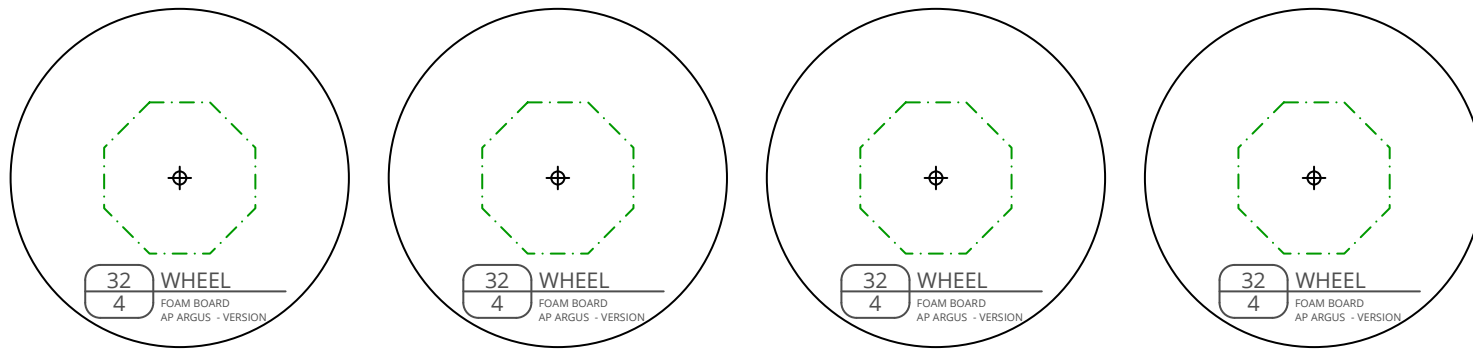




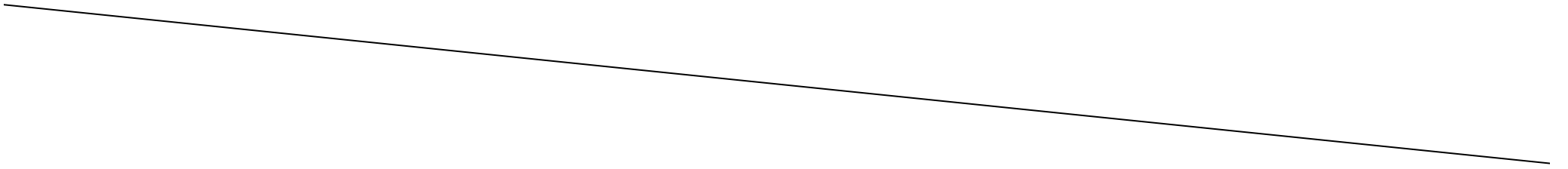
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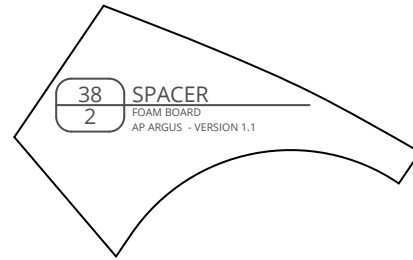
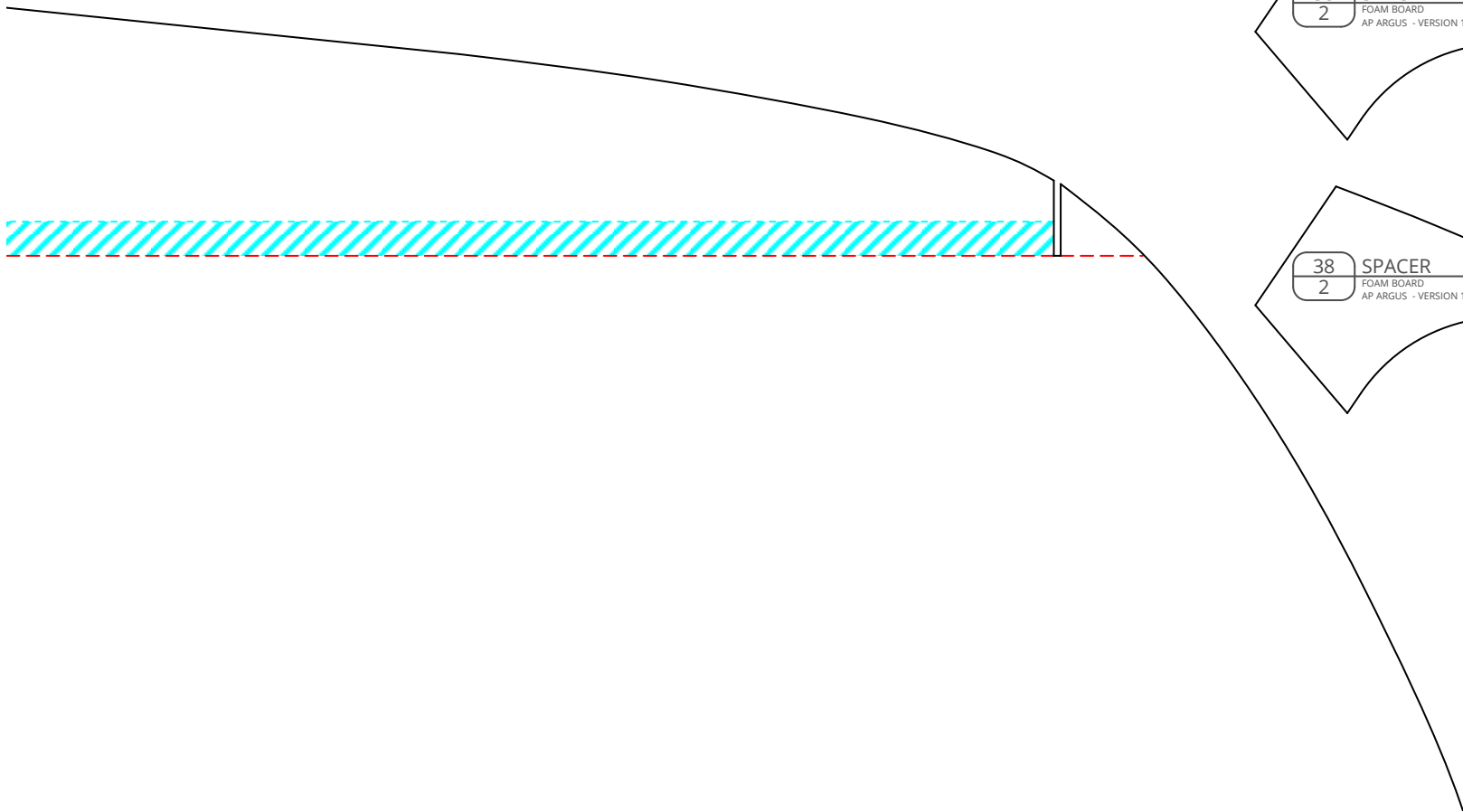
45° SINGLE BEVEL

VG PANEL

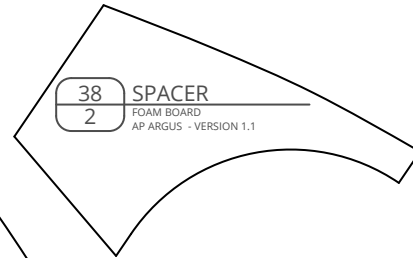
N 1.1



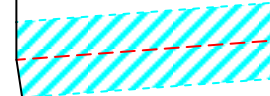
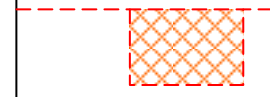
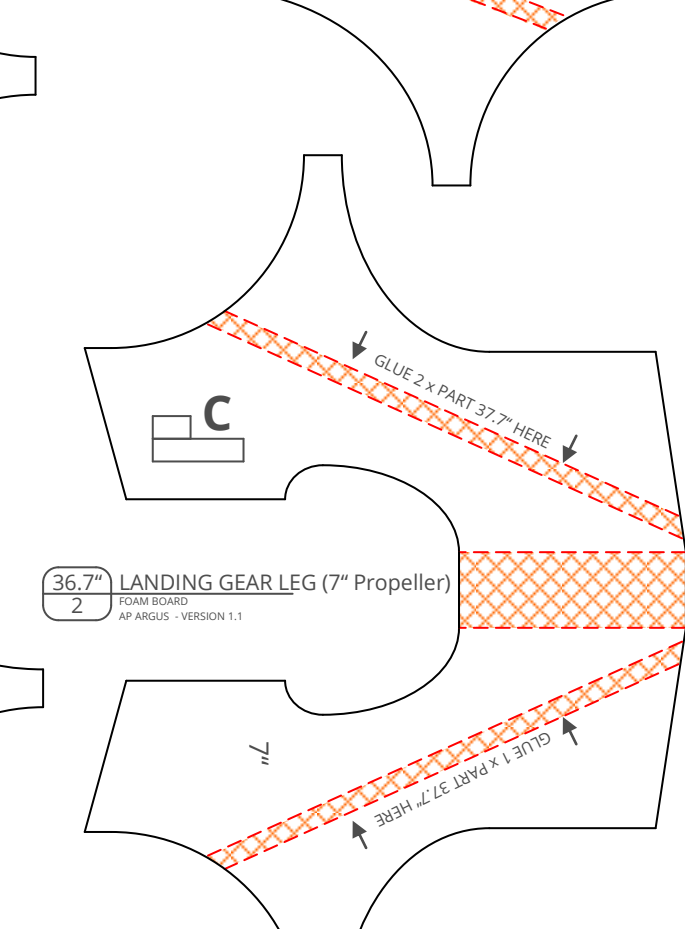
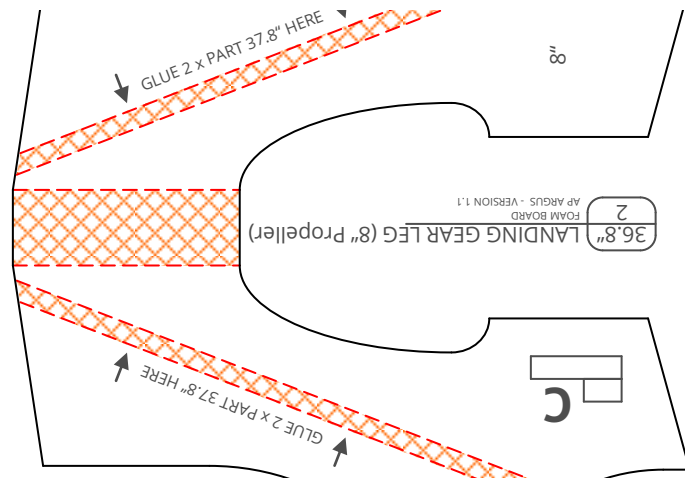
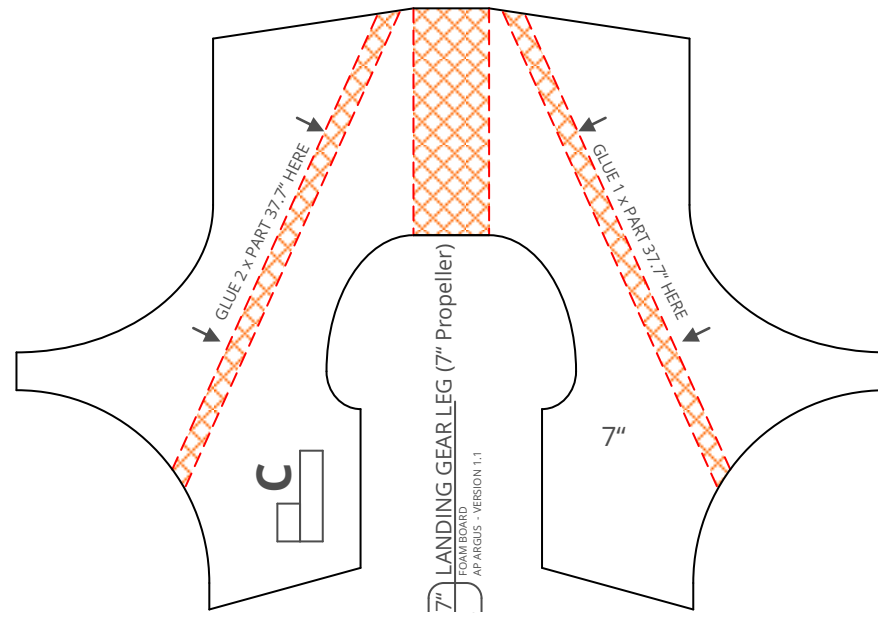
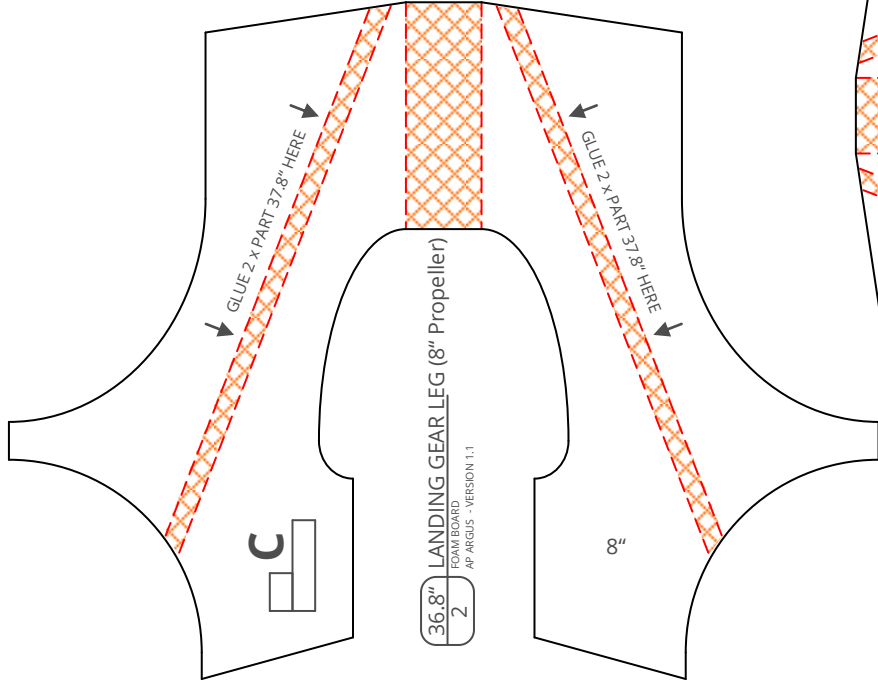
FOAM BOARD (30 x 20 in | 762 x 508 mm) - SHEET 3 OF 4

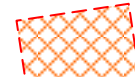
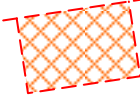
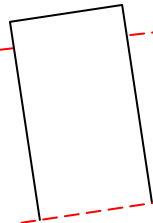
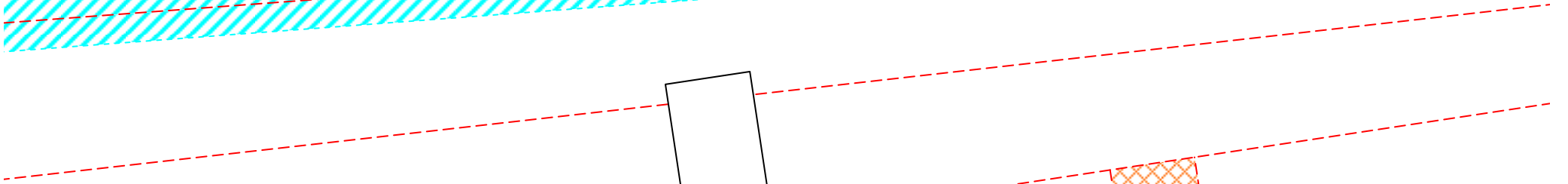
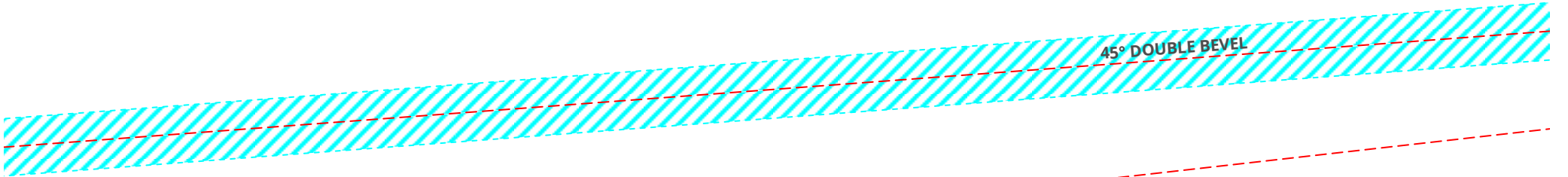


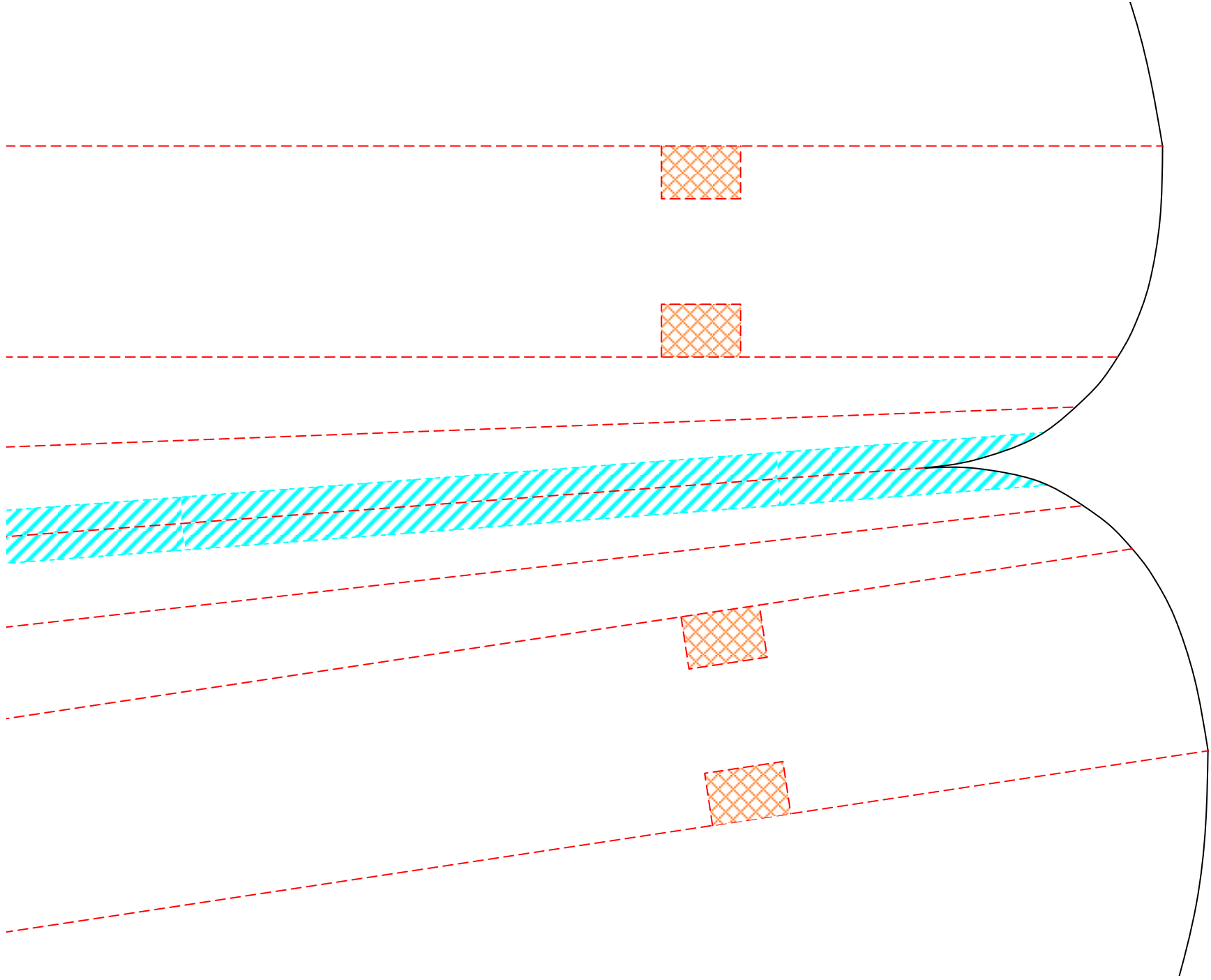
38 SPACER  
FOAM BOARD  
2 AP ARGUS - VERSION 1.1



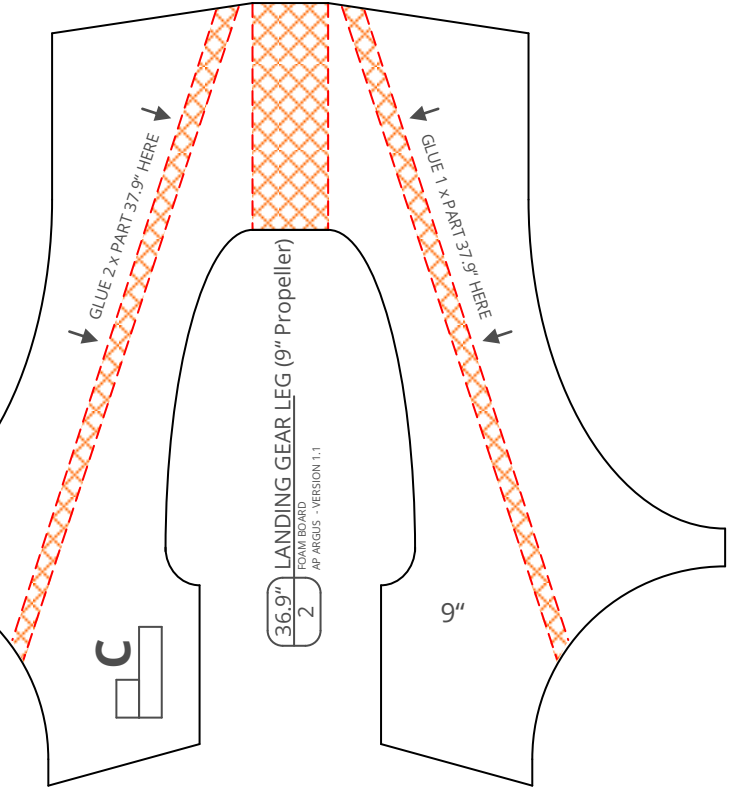
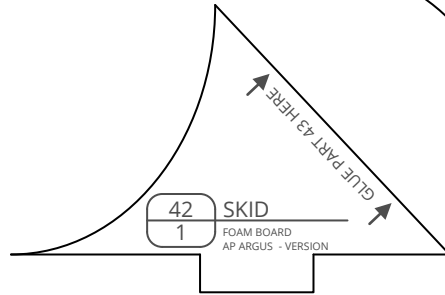
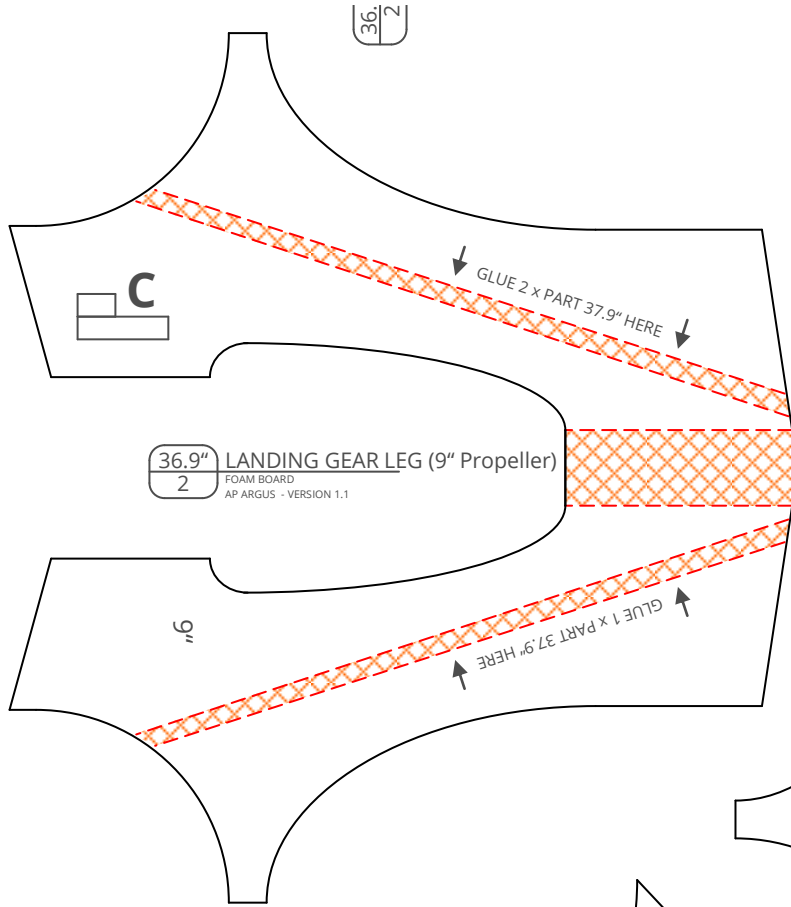
38 SPACER  
FOAM BOARD  
2 AP ARGUS - VERSION 1.1





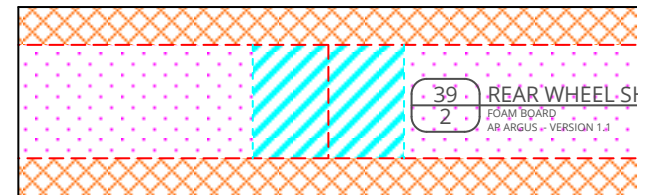
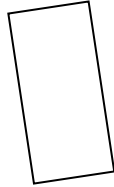


nly. Not for commercial use.



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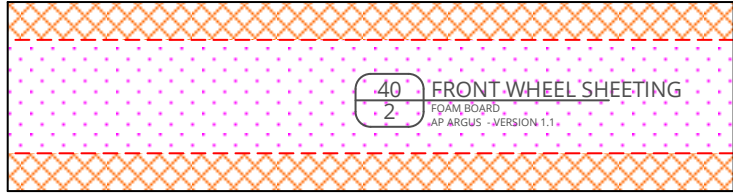
39 REAR WHEELS!  
2 FOAM BOARD  
AB ARGUS - VERSION 1.1



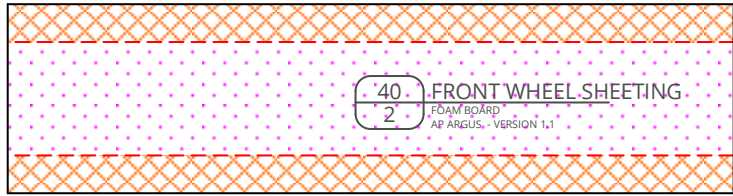
SHEETING



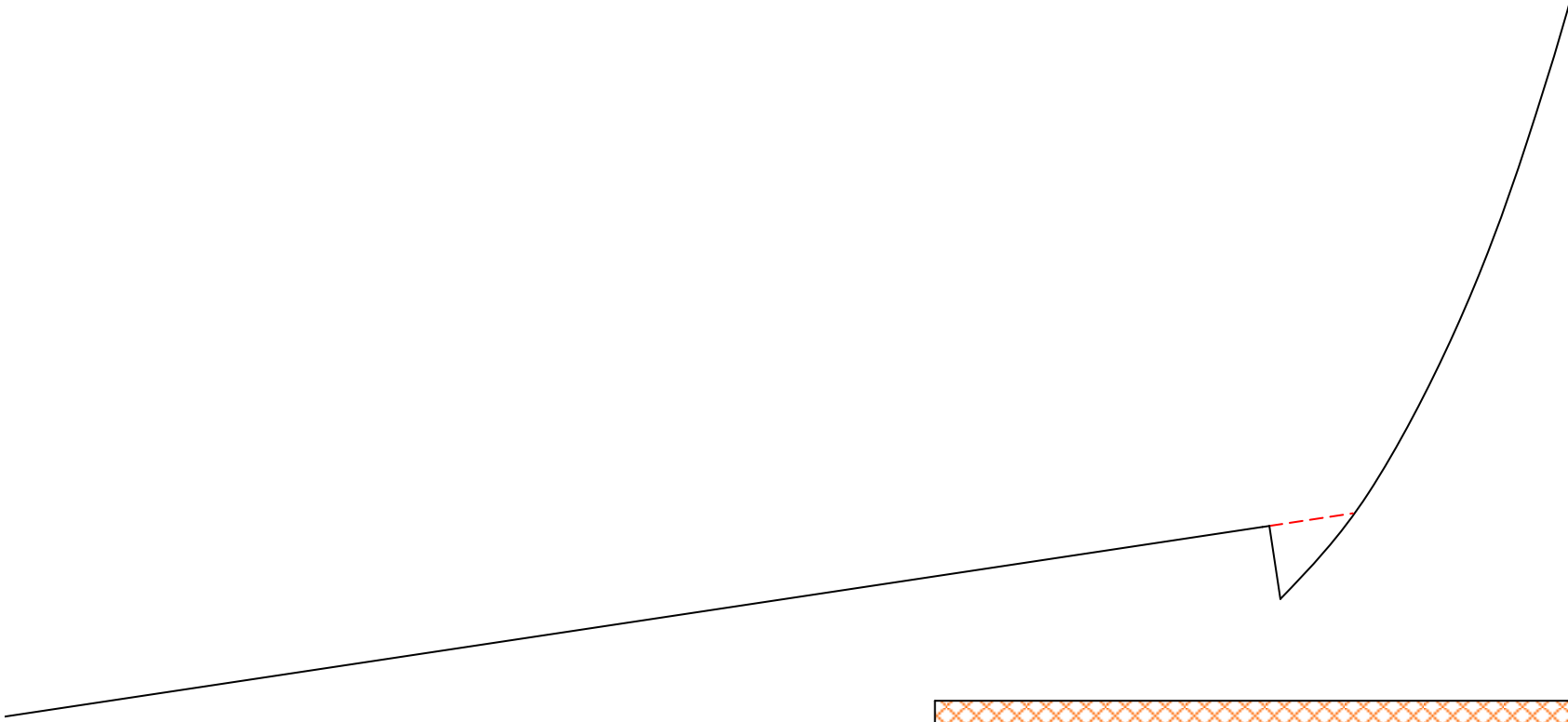
39 REAR WHEEL SHEETING  
FOAM BOARD  
2 AP ARGUS - VERSION 1.1



40 FRONT WHEEL SHEETING  
FOAM BOARD  
2 AP ARGUS - VERSION 1.1



40 FRONT WHEEL SHEETING  
FOAM BOARD  
2 AP ARGUS - VERSION 1.1



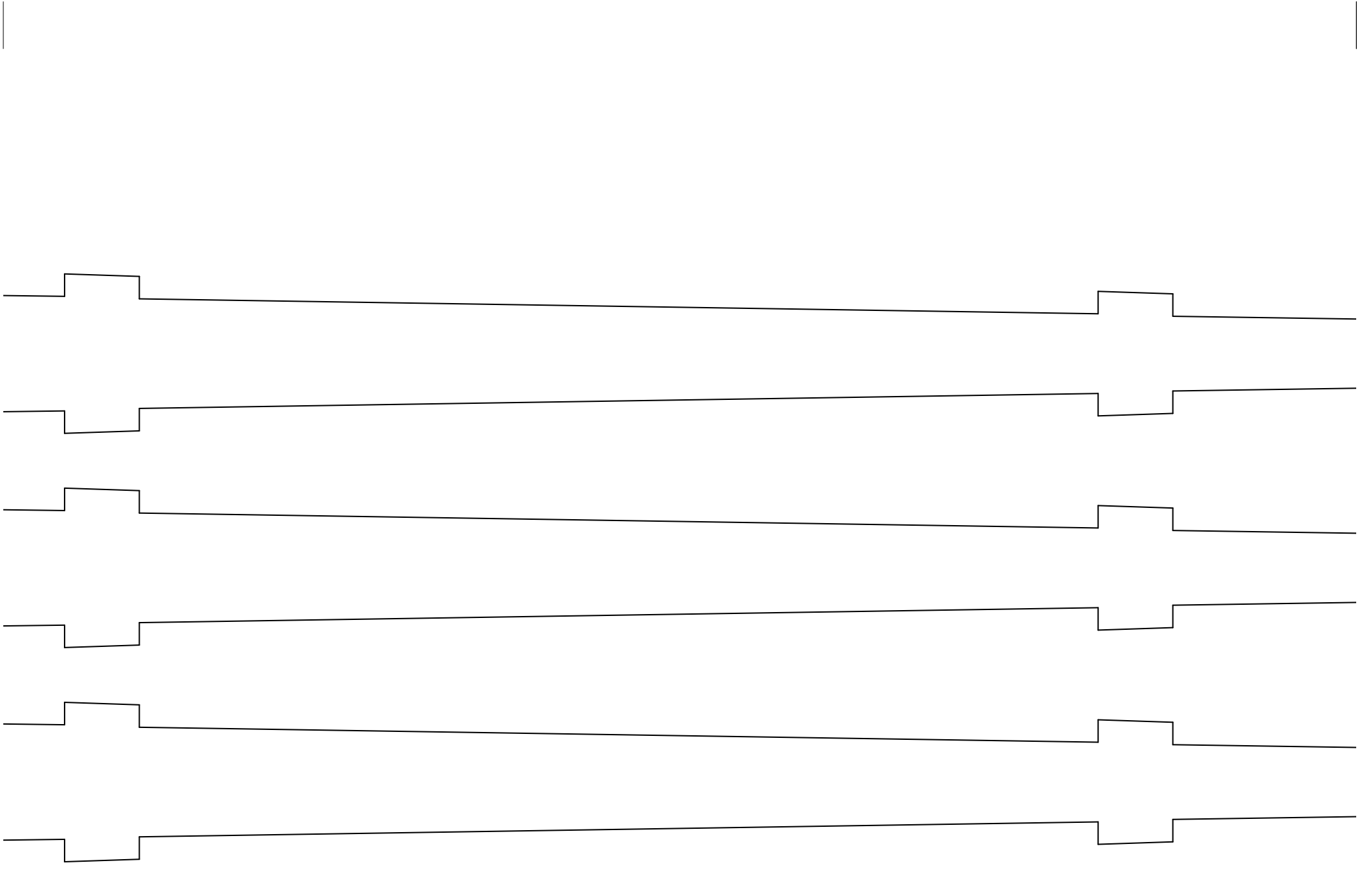


# AP ARGUS - VERSION 1.1 (2020-01-31)



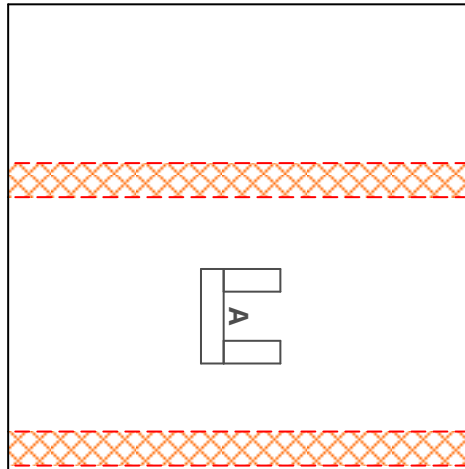
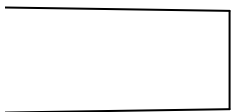
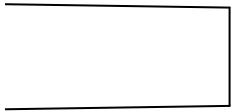
Design & Drawing by: Tony Roehling

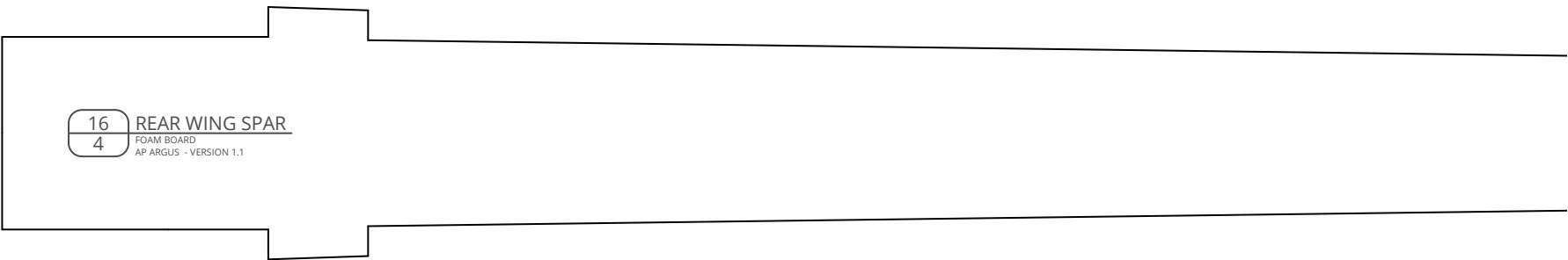
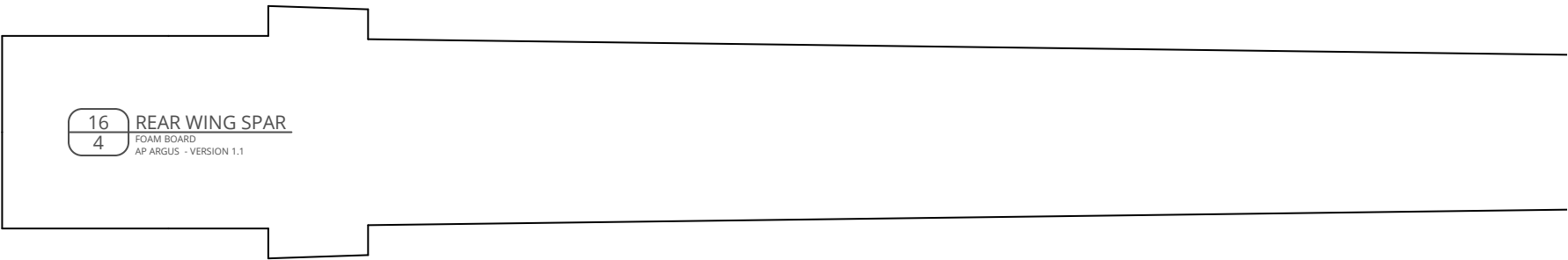
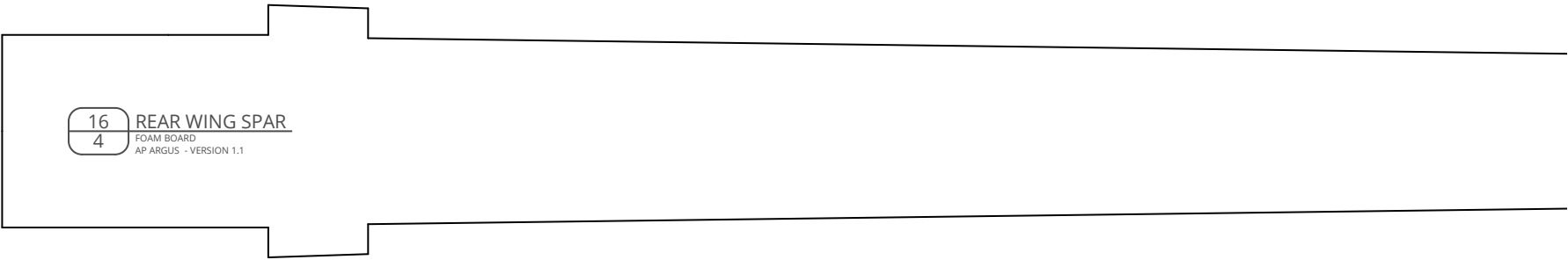


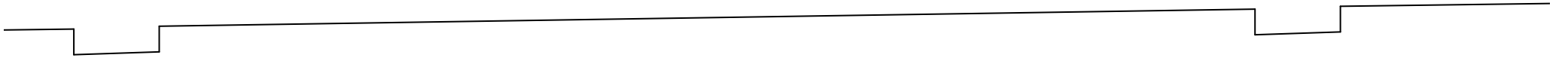
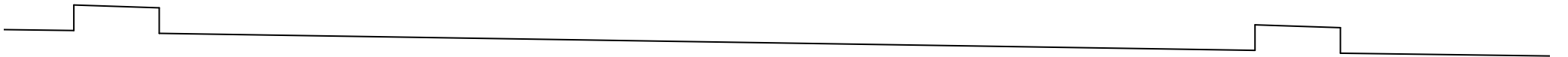
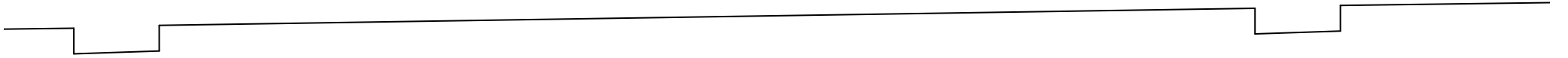
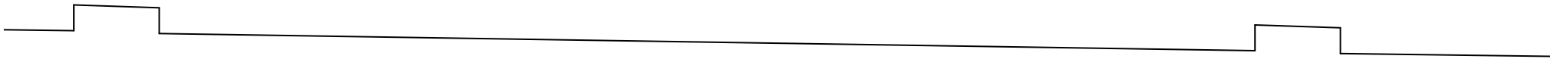
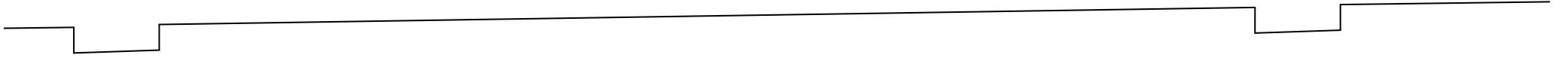
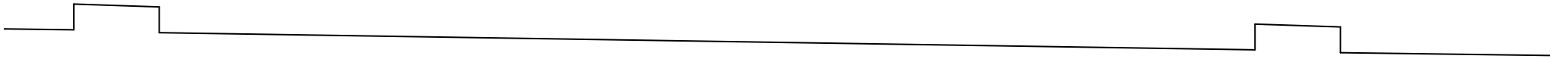
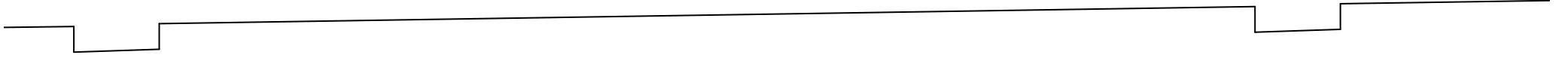
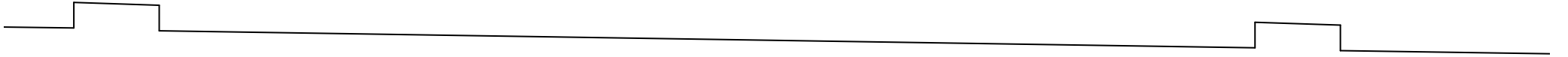




FOAM BOARD (30 x 20 in | 762 x 508 mm) - SHEET 4 OF 4



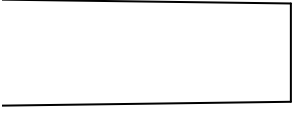
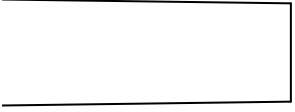
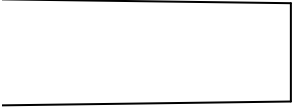
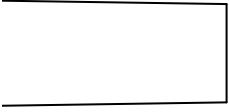




7

45  
1

MINI POWER POD  
FOAM BOARD  
AP ARGUS - VERSION 0.1



16 REAR WING SPAR  
FOAM BOARD  
4 AP ARGUS - VERSION 1.1

