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# FT X-29

Designed By: Andres Lu  
Drawing By: Dan Sponholz  
Version: 1.0  
Date: 2017.09.20



## SPECIFICATIONS

DESCRIPTION		IMPERIAL	METRIC
LENGTH		45.5 in	1155.7 mm
CENTER OF GRAVITY	CG	22.75 in	577.85 mm
WING SPAN		27.5 in	698.50 mm
WING AREA		237.89 in <sup>2</sup>	15.35 dm <sup>2</sup>
DRY WEIGHT		26.4 oz	748.4 g
ALL UP WEIGHT	AUW	35.2 oz	998.4 g
WING LOADING	WL	21.3 oz/ft <sup>2</sup>	65.2 g/dm <sup>2</sup>
WING CUBIC LOADING	WCL	16.6	

## RECOMMENDED SETTINGS

	THROW	EXPO
AILERON	12°	30%
ELEVATOR	12°	30%
RUDDER	12°	30%



Build Skill Level :



Pilot Skill Level :





# FT X-29: Sheet & Tile Key



A1 B1 A2	A3 B2 A4	S1
A5 B3 A6	A7 B4 A8	

A9 B5 A10	A11 B6 A12	S2
A13 B7 A14	A15 B8 A16	

A17 B9 A18	A19 B10 A20	S3
A21 B11 A22	A23 B12 A24	

A25 B13 A26	A27 B14 A28	S4
A29 B15 A30	A31 B16 A32	

A33 B17 A34	A35 B18 A36	S5
A37 B19 A38	A39 B20 A40	

A41 B21 A42	A43 B22 A44	S6
<del>A45 B23 A46</del>	<del>A47 B24 A48</del>	

<del>A49 B25 A50</del>	<del>A51 B26 A52</del>	S7
<del>A53 B27 A54</del>	<del>A55 B28 A56</del>	

<del>A57 B29 A58</del>	<del>A59 B30 A60</del>	S8
<del>A61 B31 A62</del>	<del>A63 B32 A64</del>	

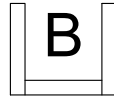
<del>A65 B33 A66</del>	<del>A67 B34 A68</del>	S9
<del>A69 B35 A70</del>	<del>A71 B36 A72</del>	



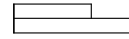
# Drawing Key



## FOLD TYPES



C



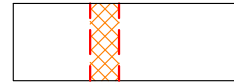
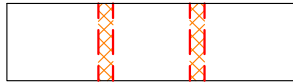
A - FOLD (ABOVE)



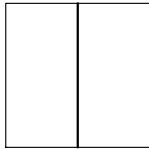
B - FOLD (BESIDE)



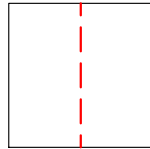
C - FOLD (COVER)



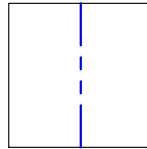
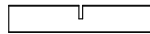
## LINE TYPE/COLOR



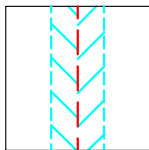
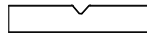
CUT



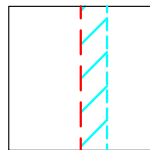
50% SCORE



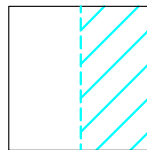
CREASE



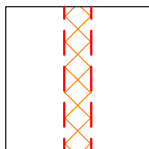
45° DOUBLE BEVEL



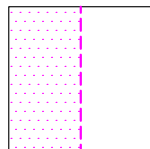
45° SINGLE BEVEL



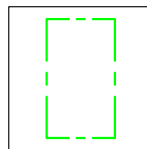
EDGE BEVEL



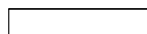
CAVITY



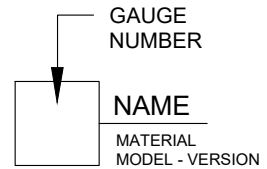
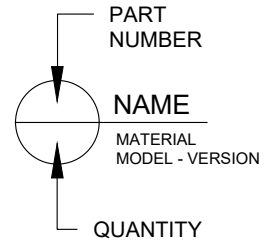
REMOVE PAPER



REFERENCE/  
OPTIONAL



## SYMBOLS



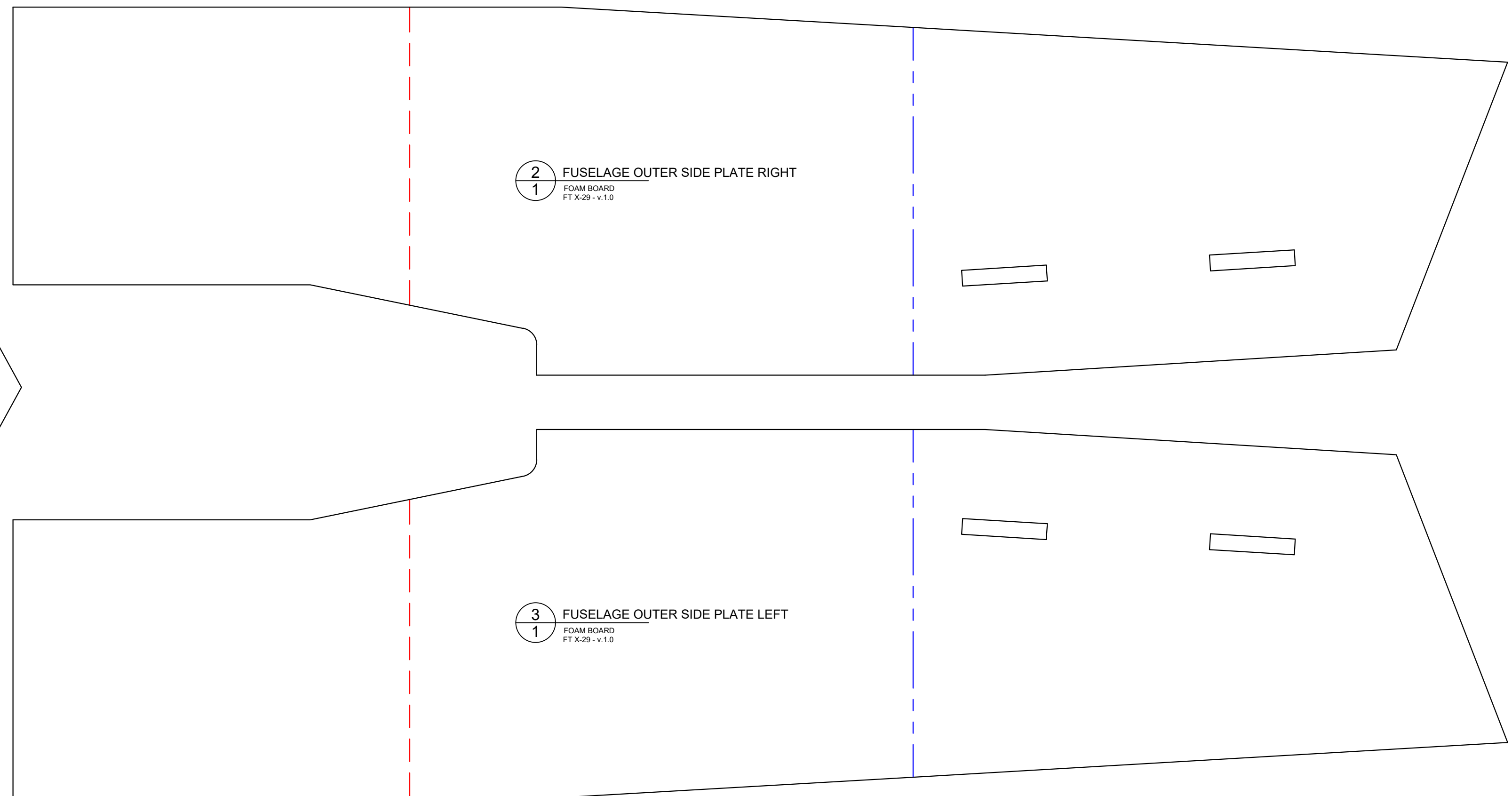
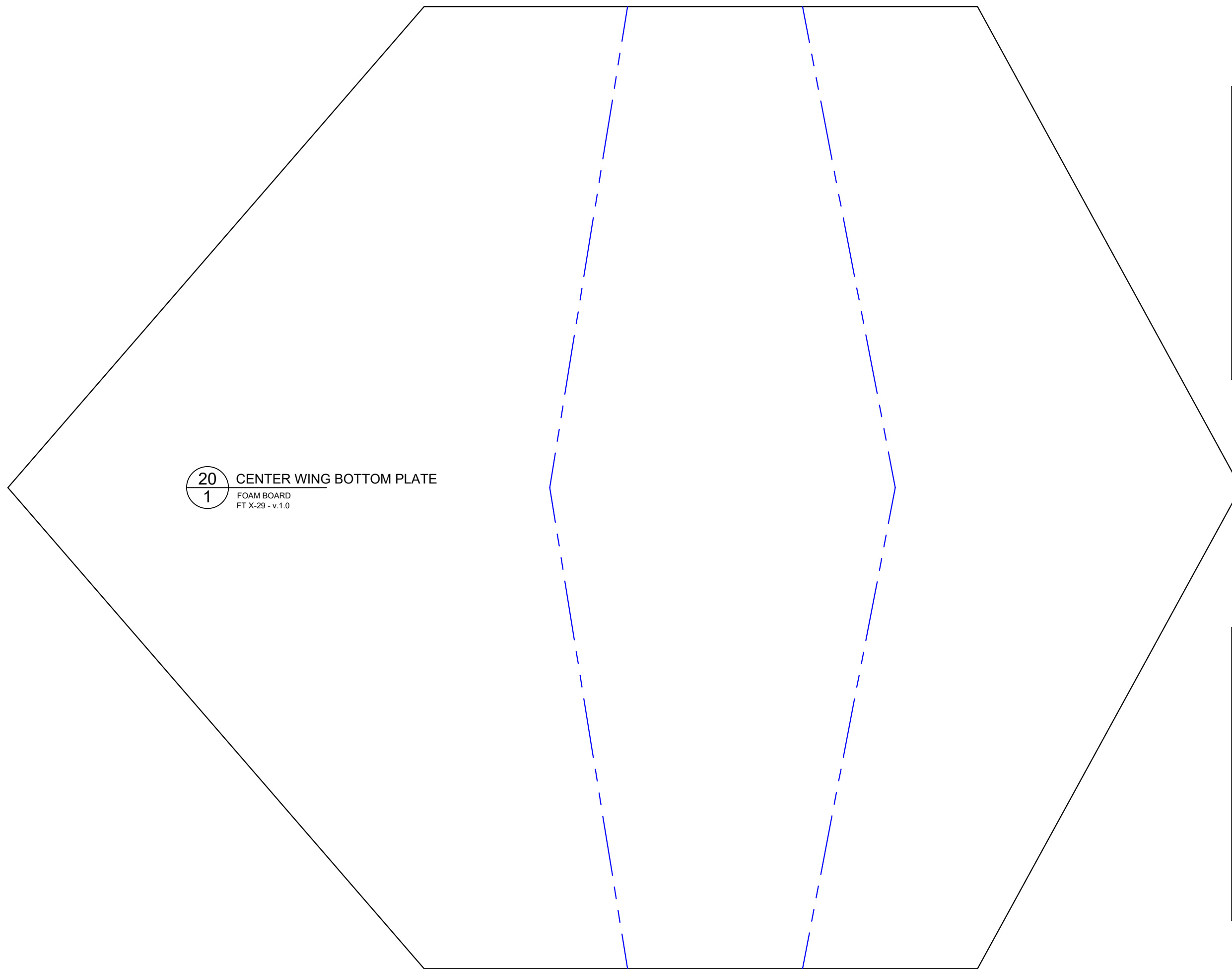
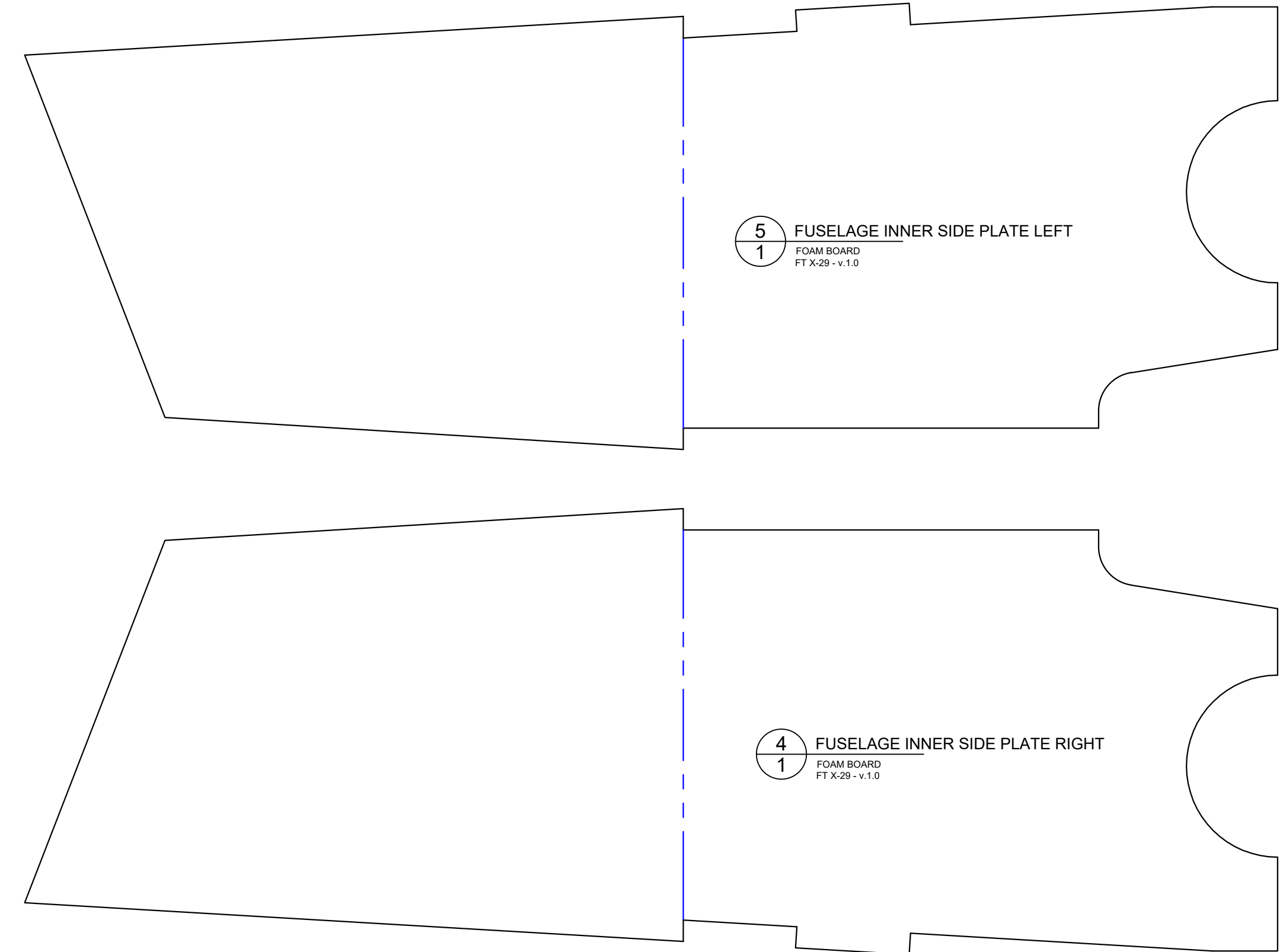
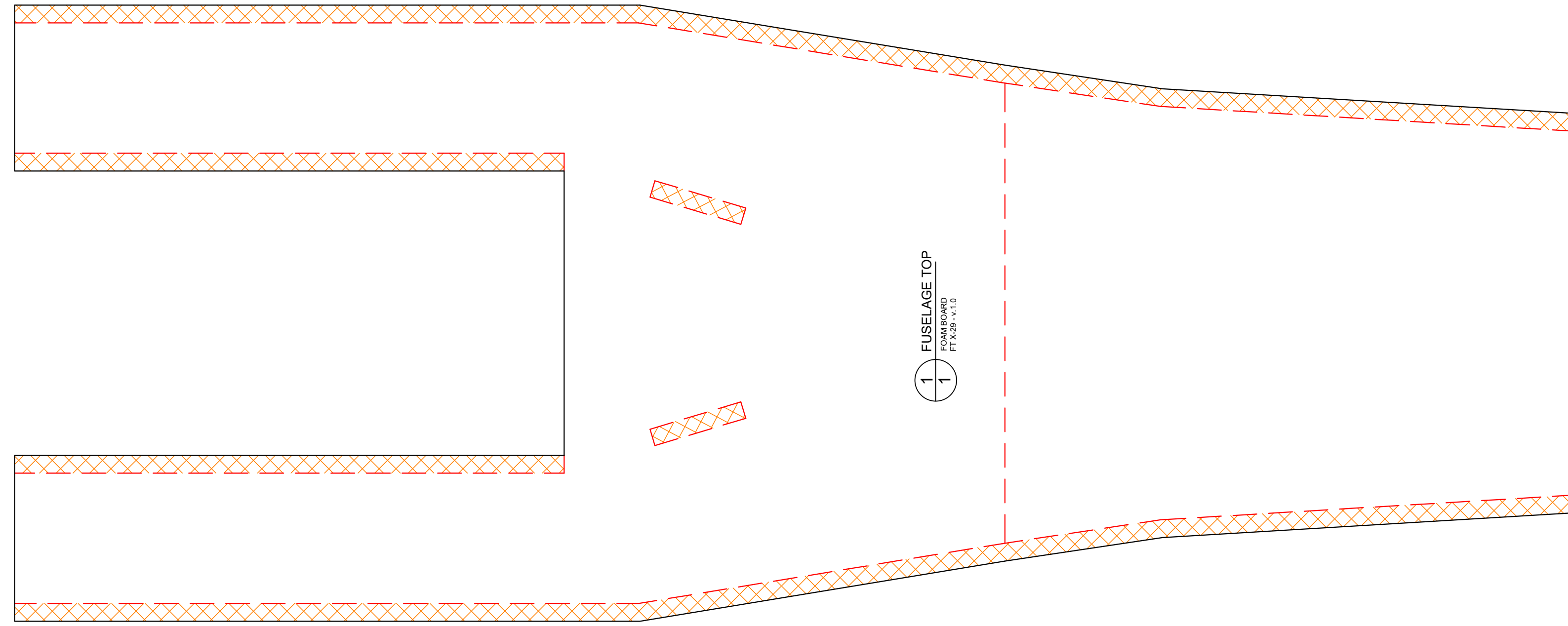
CENTER OF GRAVITY (CG)

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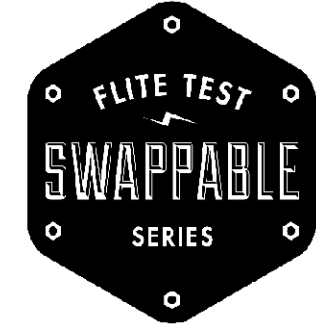


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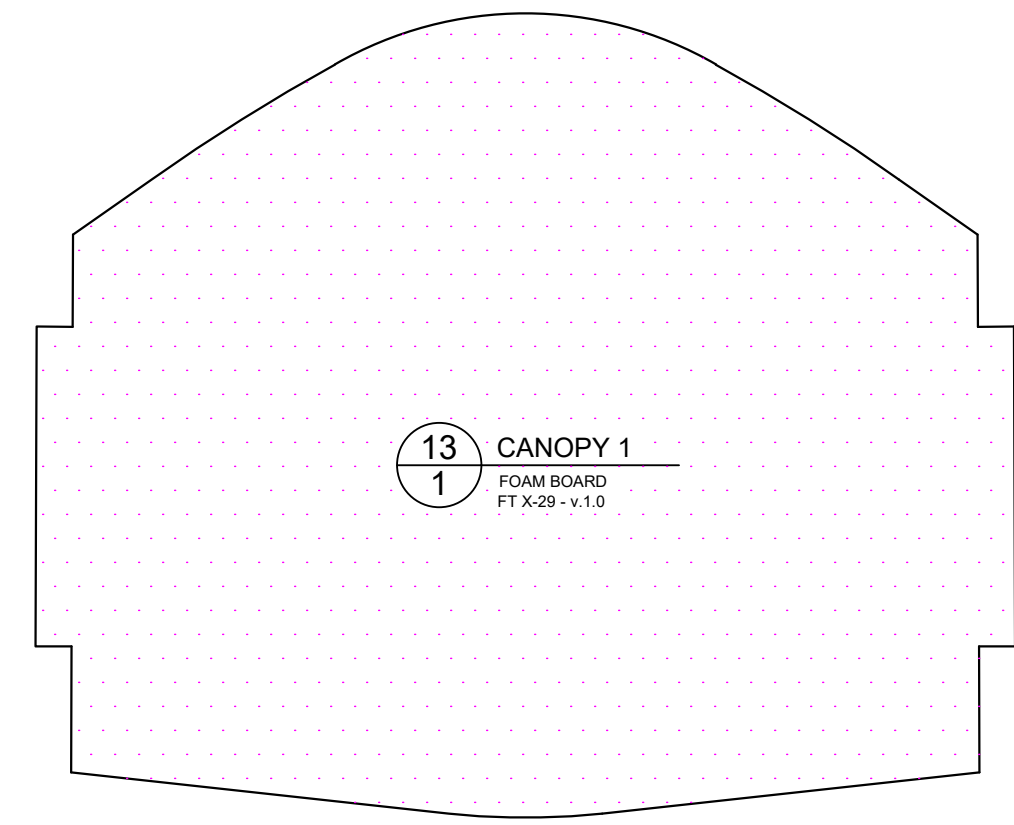


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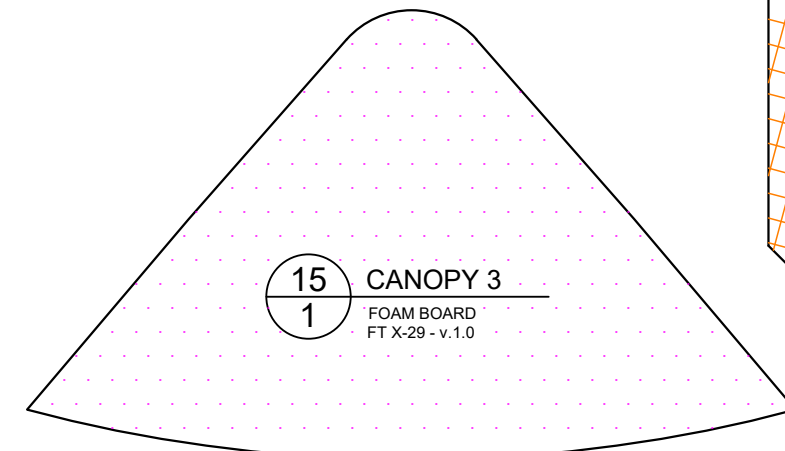
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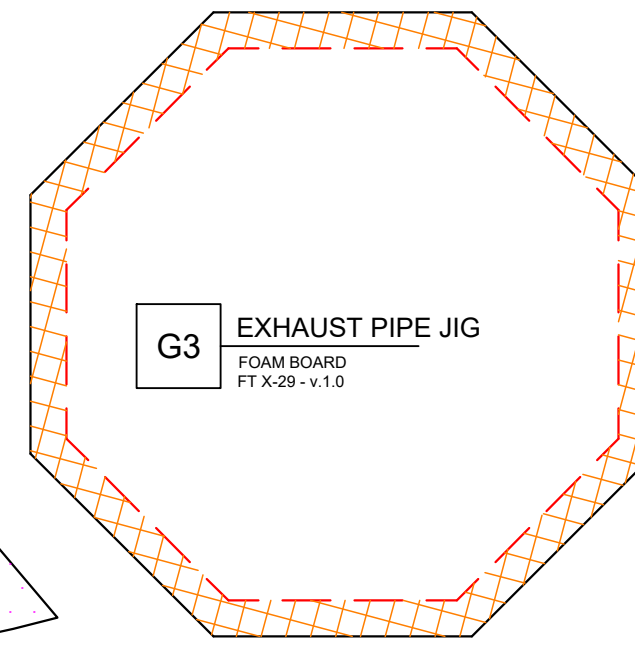
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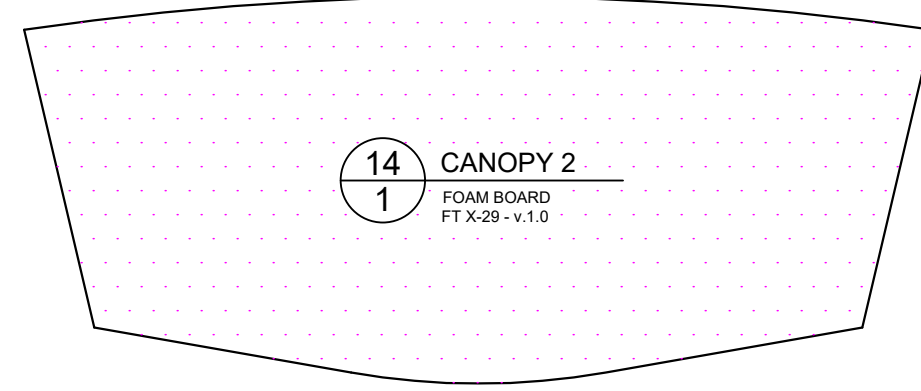
13 CANOPY 1  
FOAM BOARD  
FT X-29 - v.1.0  
1



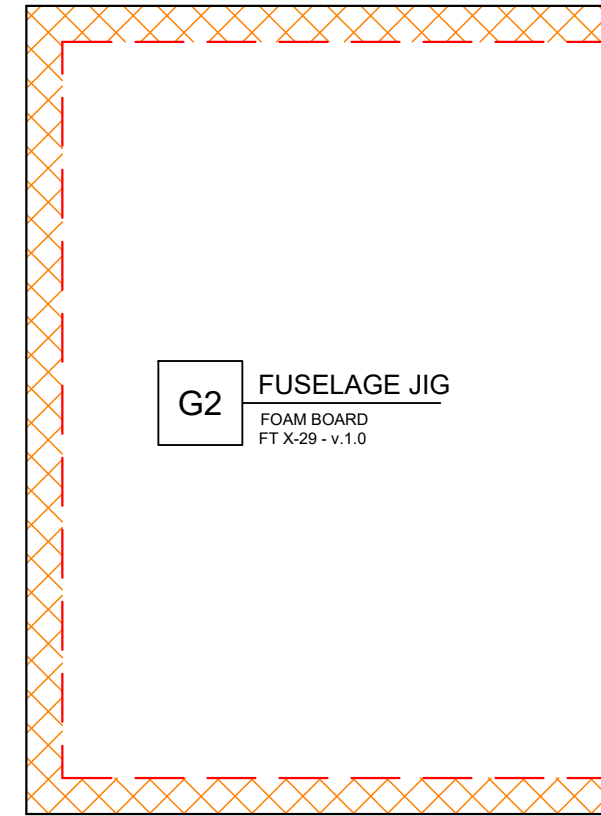
15 CANOPY 3  
FOAM BOARD  
FT X-29 - v.1.0  
1



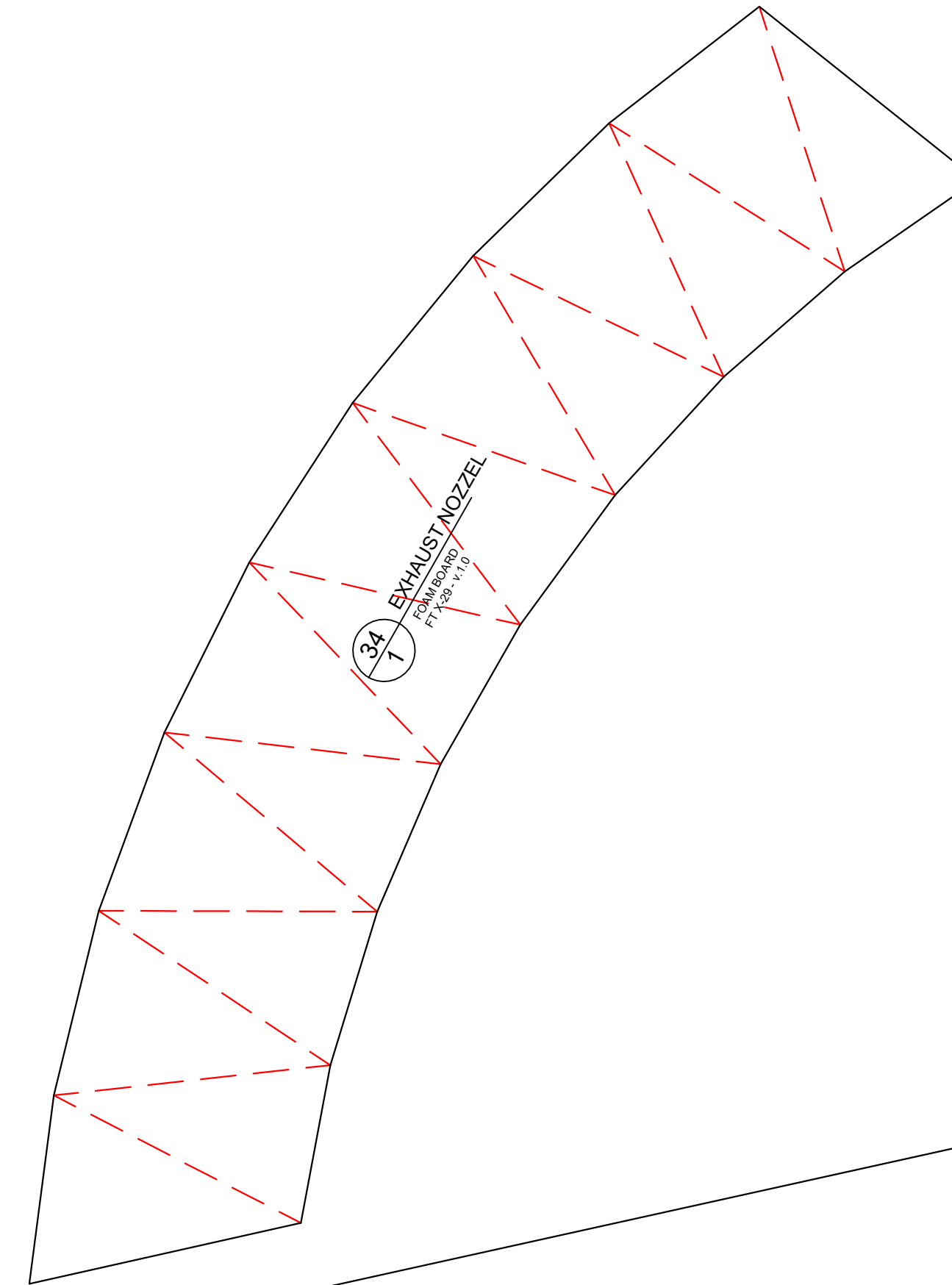
G3 EXHAUST PIPE JIG  
FOAM BOARD  
FT X-29 - v.1.0



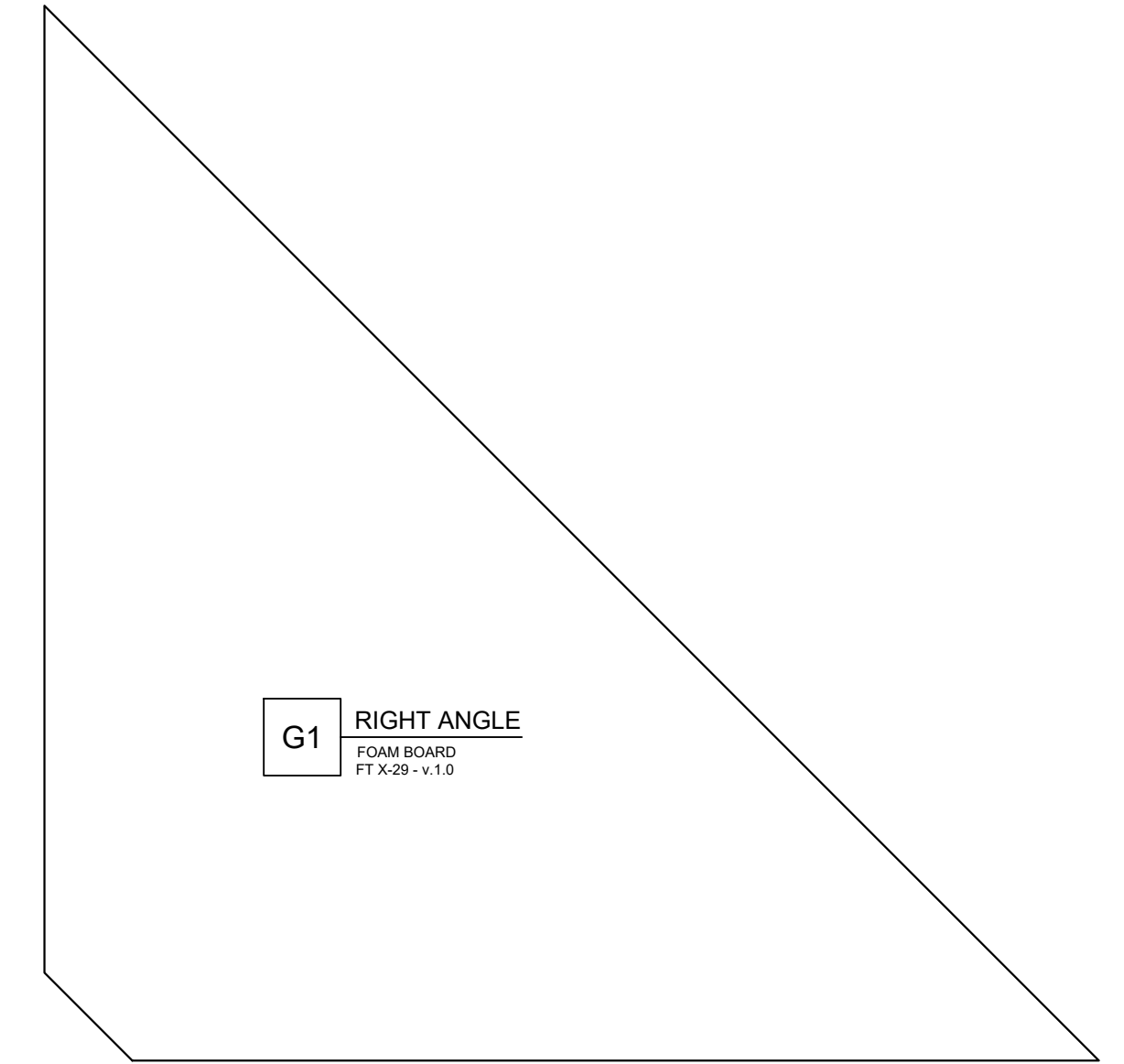
14 CANOPY 2  
FOAM BOARD  
FT X-29 - v.1.0  
1



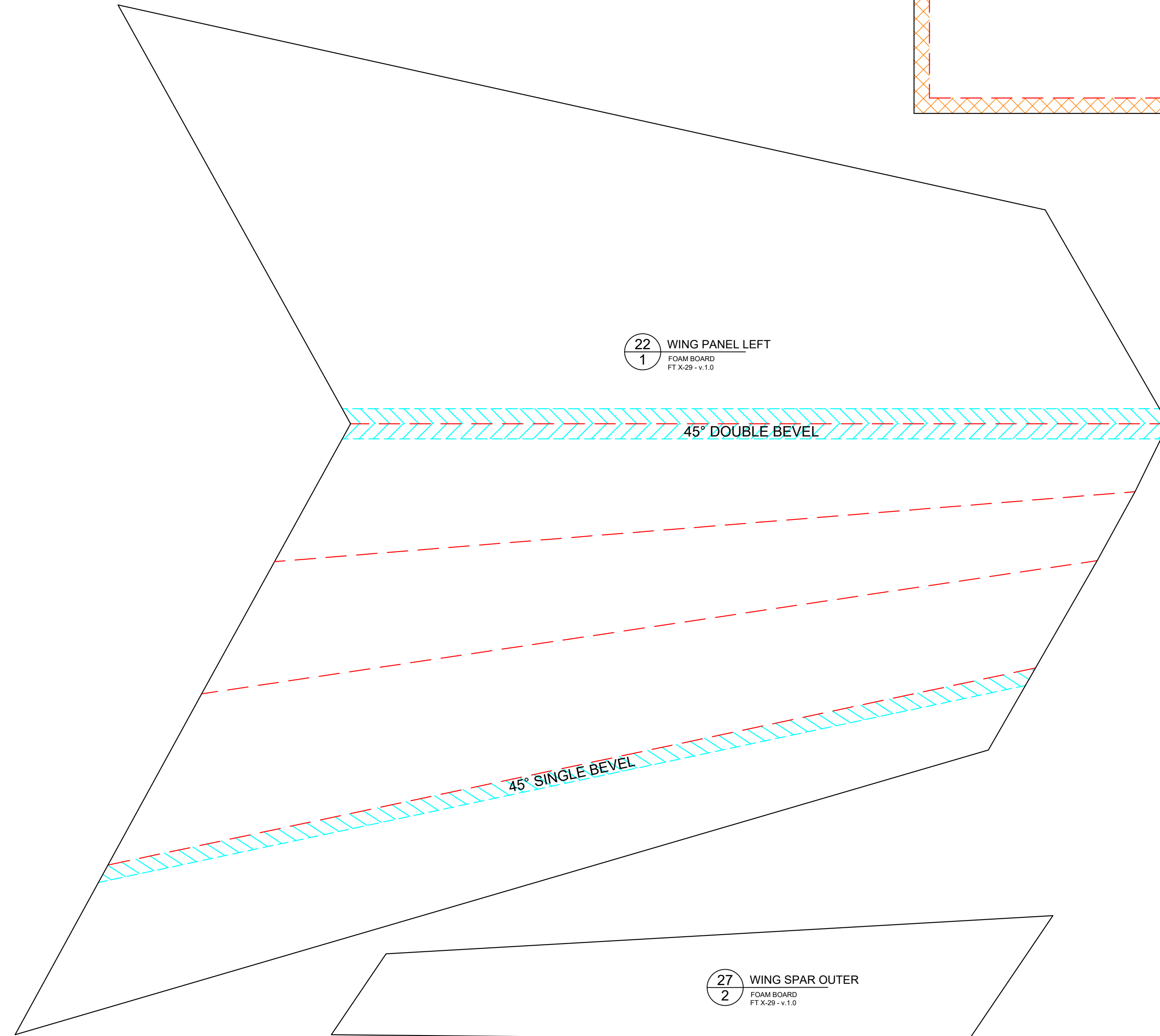
G2 FUSELAGE JIG  
FOAM BOARD  
FT X-29 - v.1.0



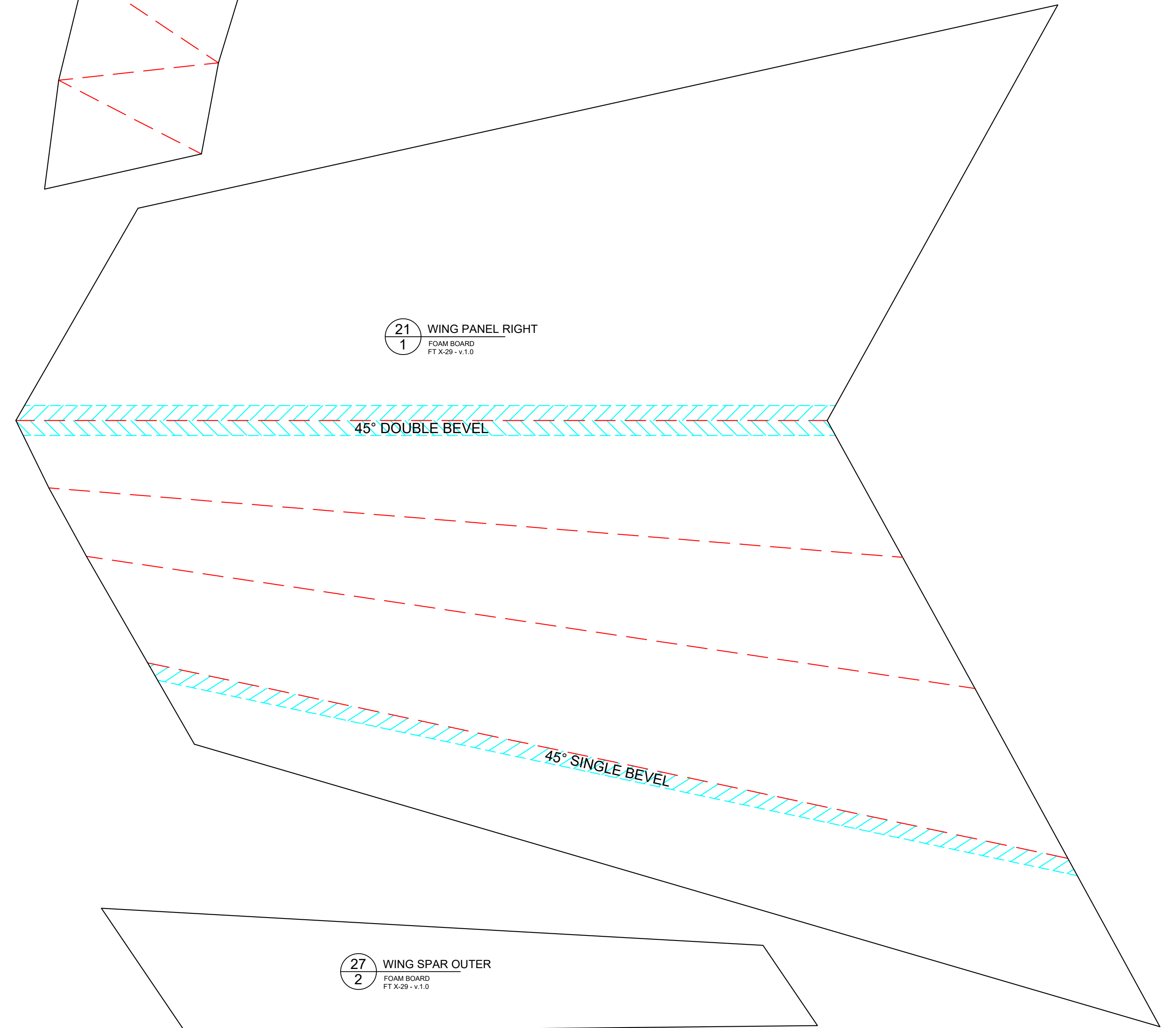
34 EXHAUST NOZZEL  
FOAM BOARD  
FT X-29 - v.1.0  
1



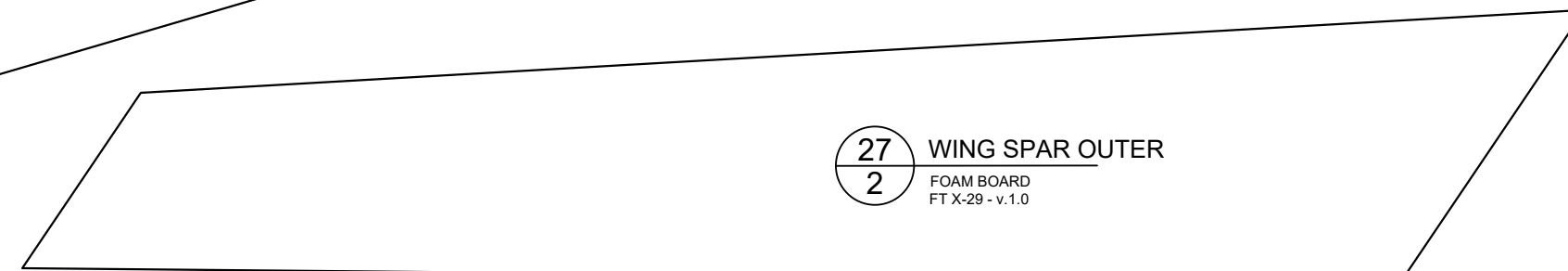
G1 RIGHT ANGLE  
FOAM BOARD  
FT X-29 - v.1.0



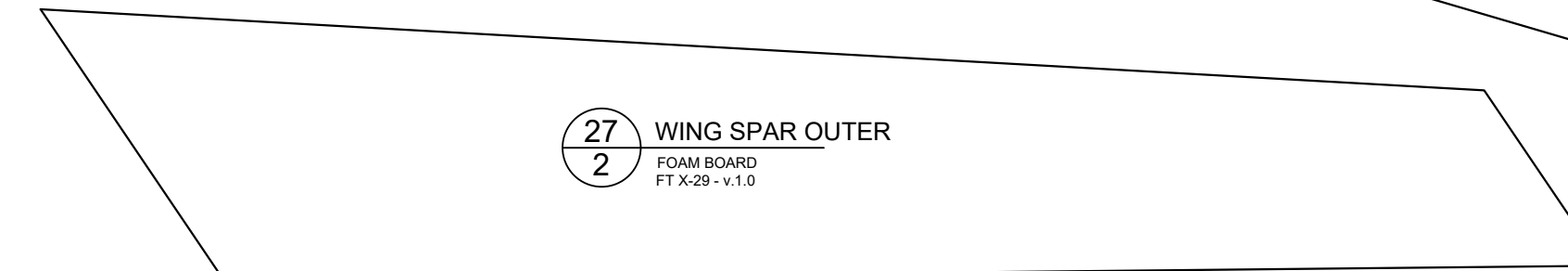
22 WING PANEL LEFT  
FOAM BOARD  
FT X-29 - v.1.0  
1



21 WING PANEL RIGHT  
FOAM BOARD  
FT X-29 - v.1.0  
1



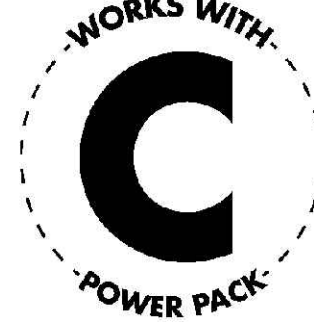
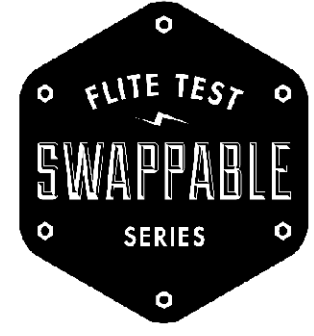
27 WING SPAR OUTER  
FOAM BOARD  
FT X-29 - v.1.0  
2



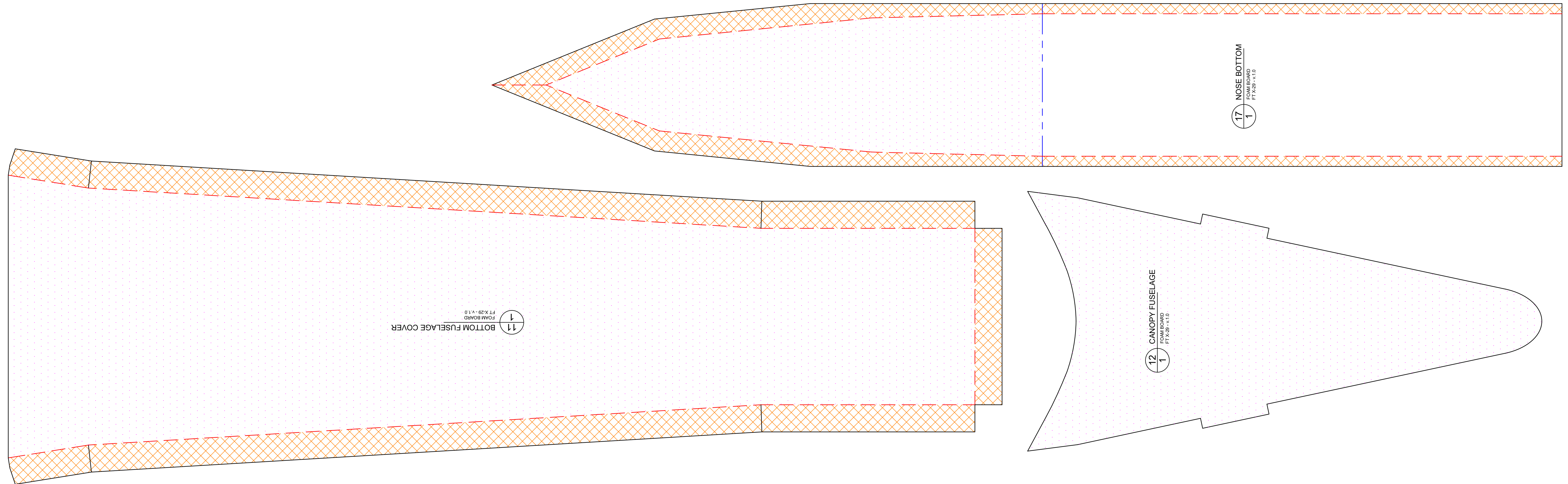
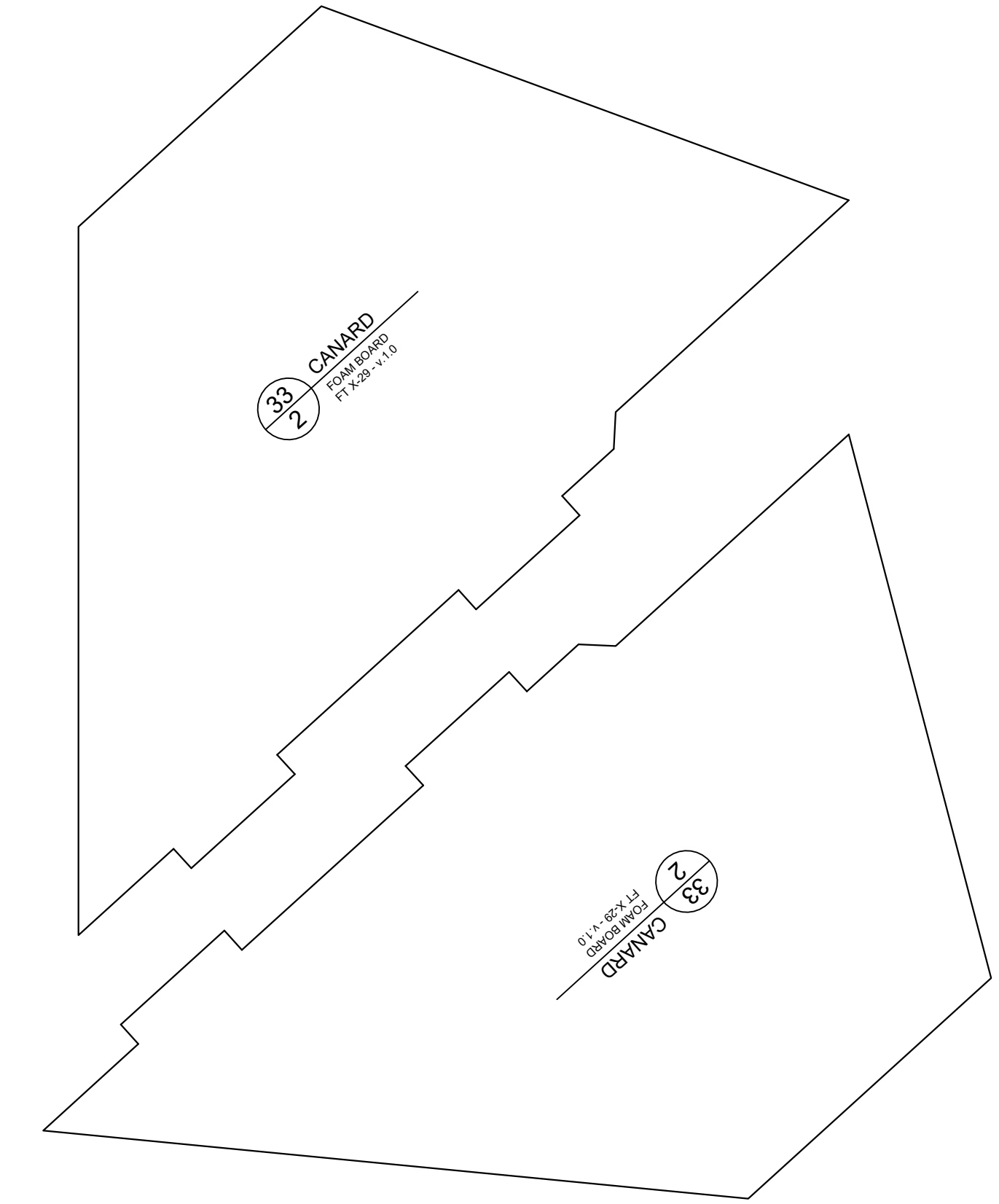
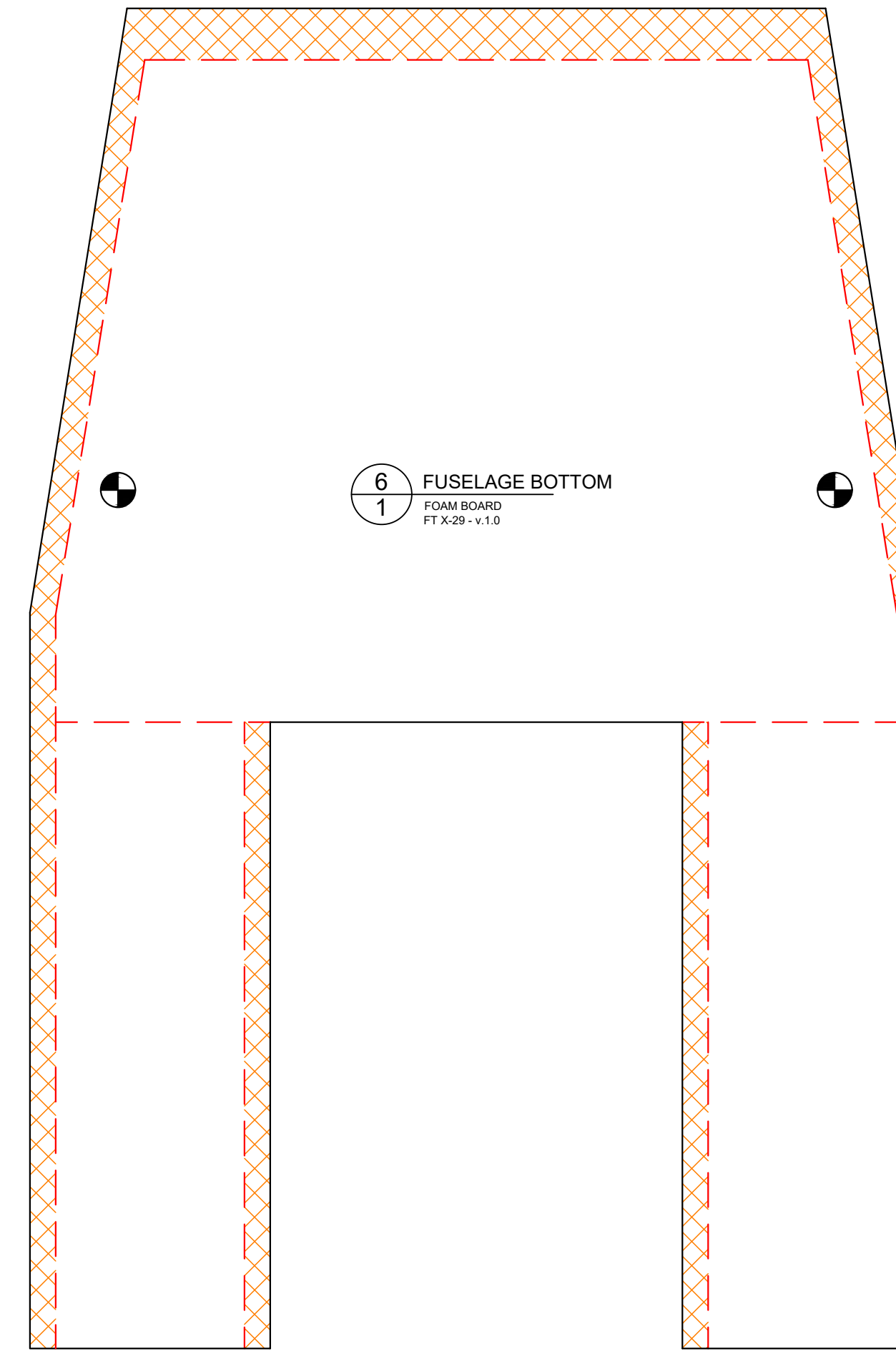
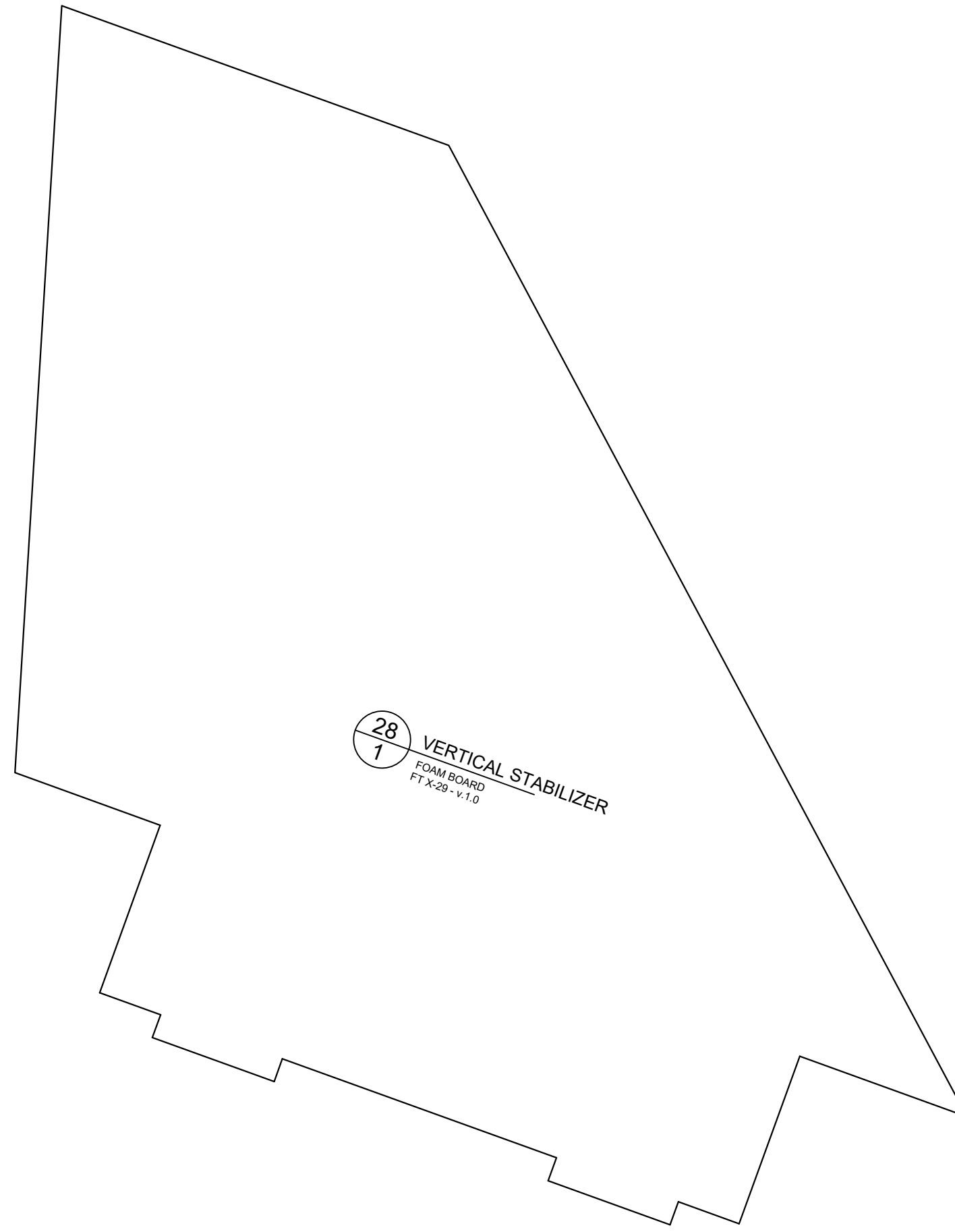
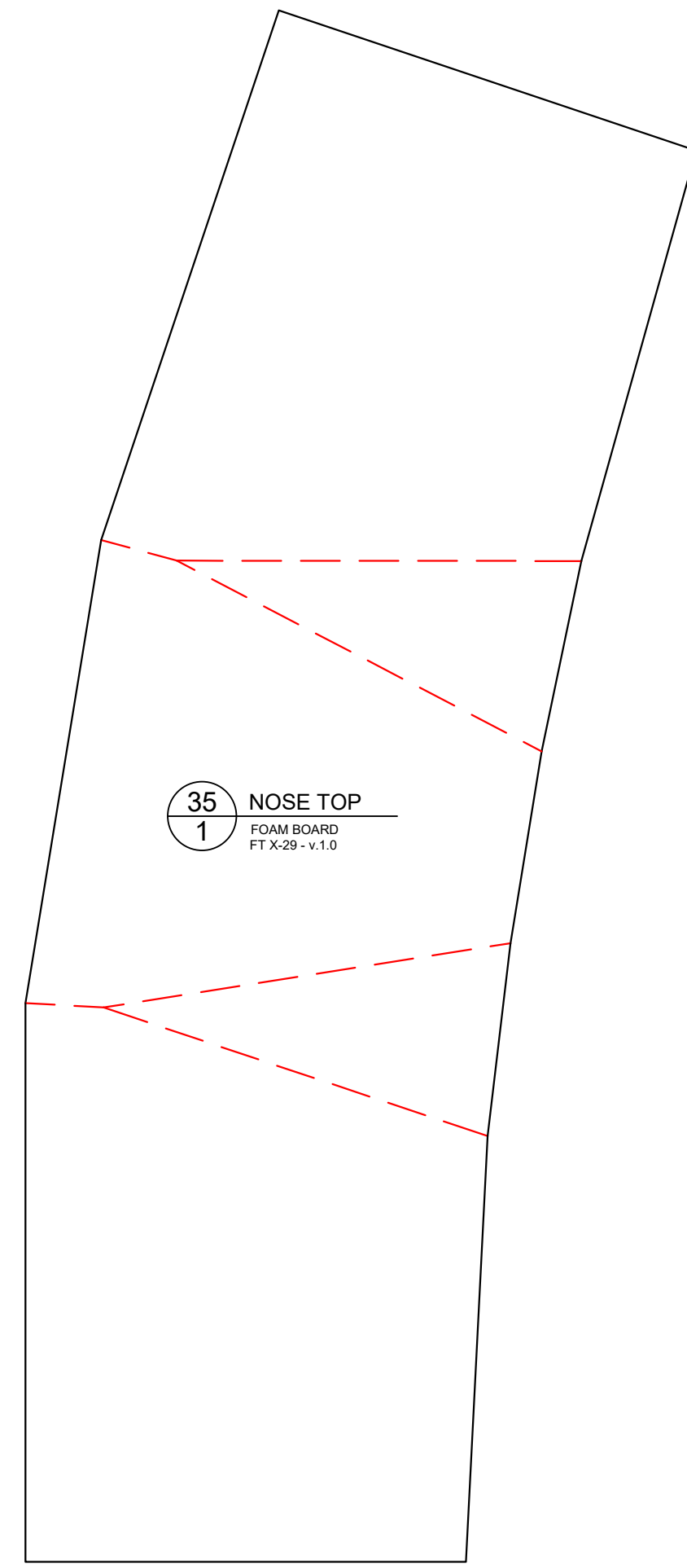
27 WING SPAR OUTER  
FOAM BOARD  
FT X-29 - v.1.0  
2

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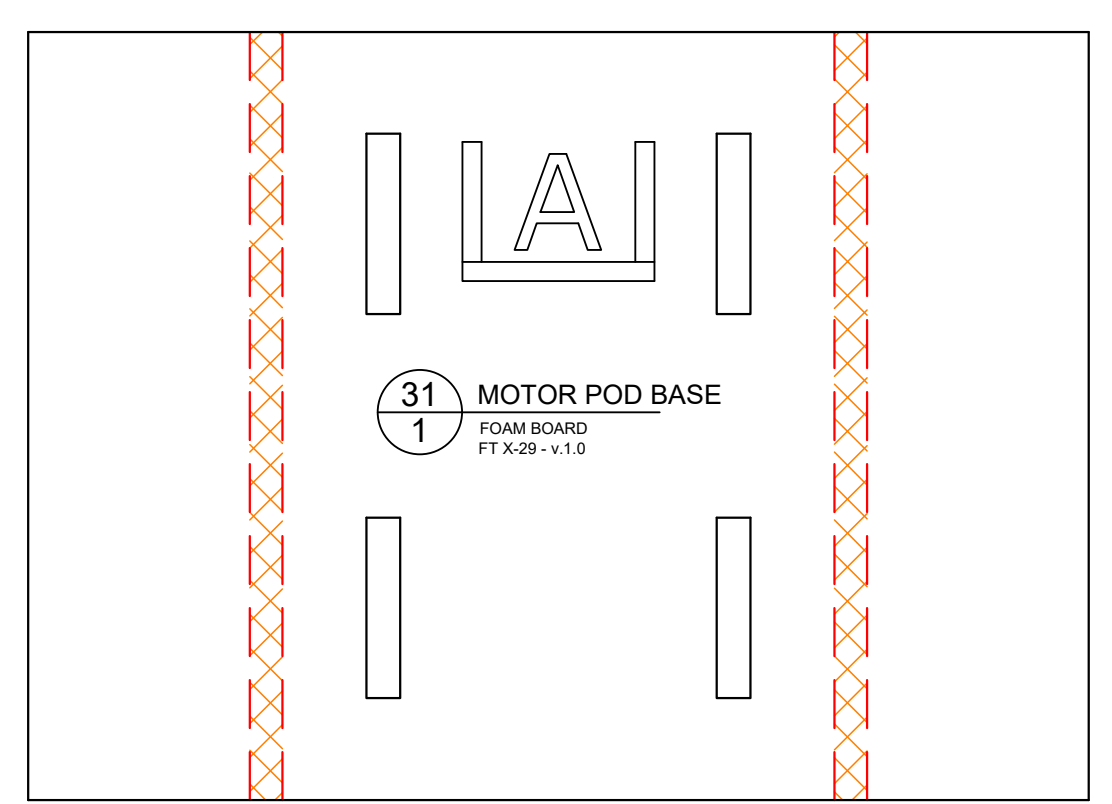
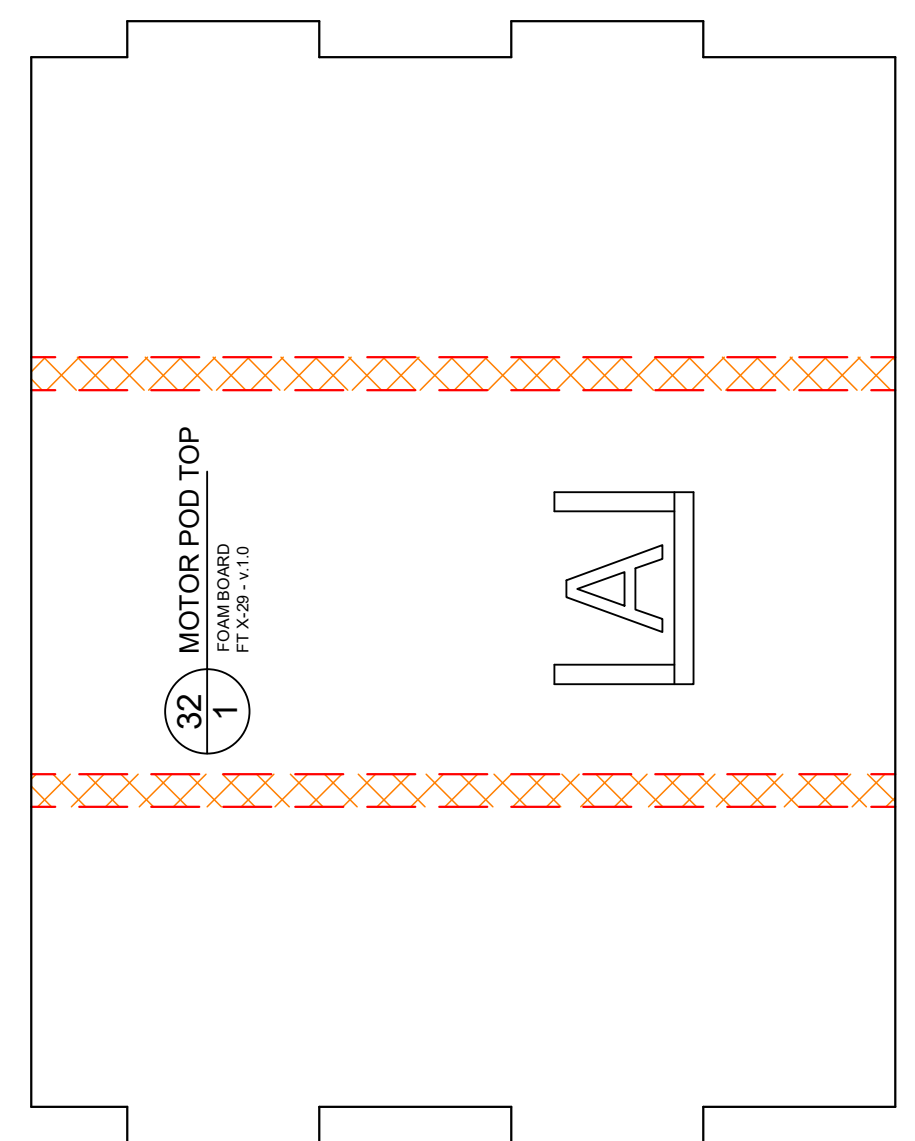
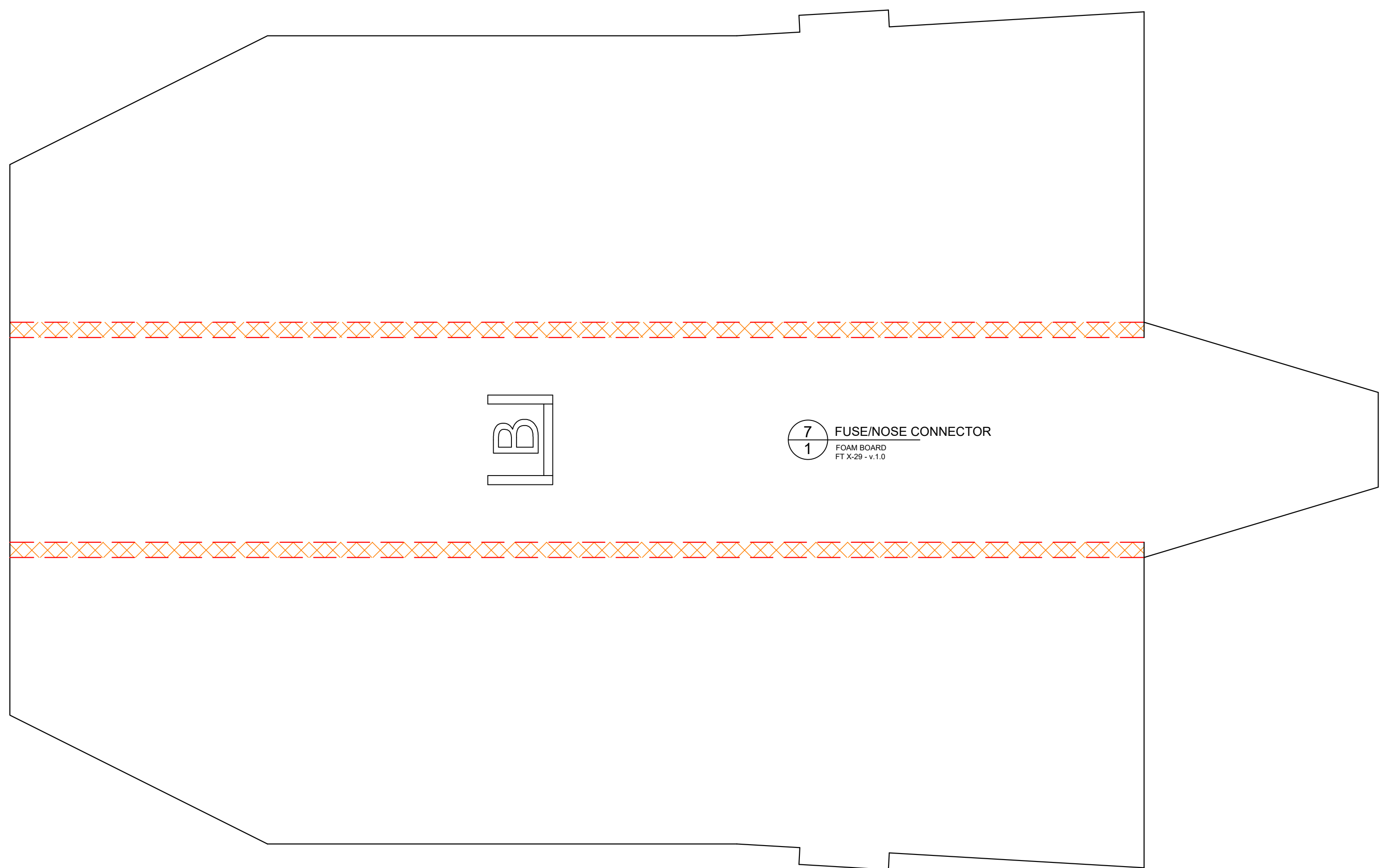
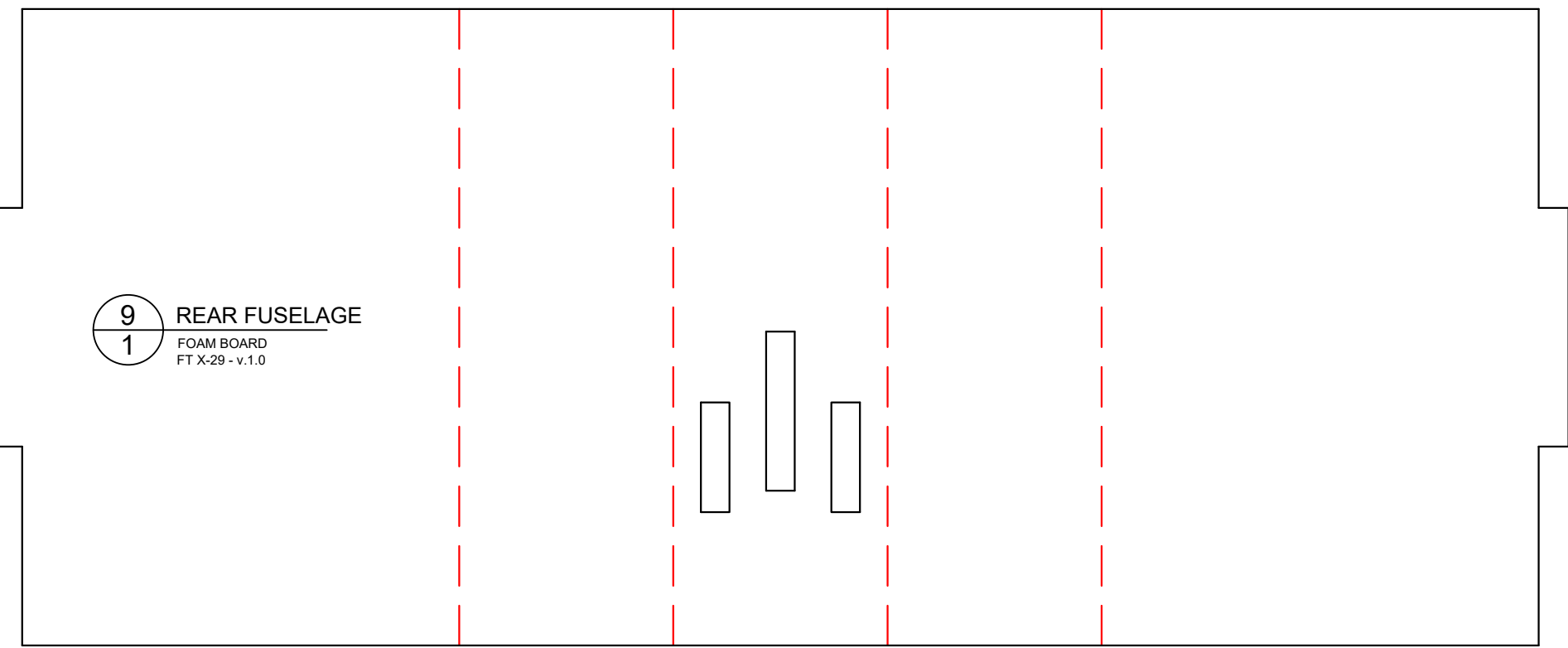
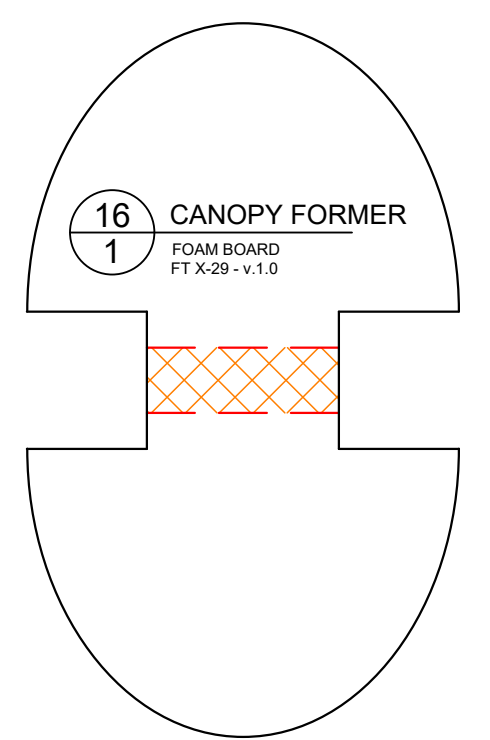
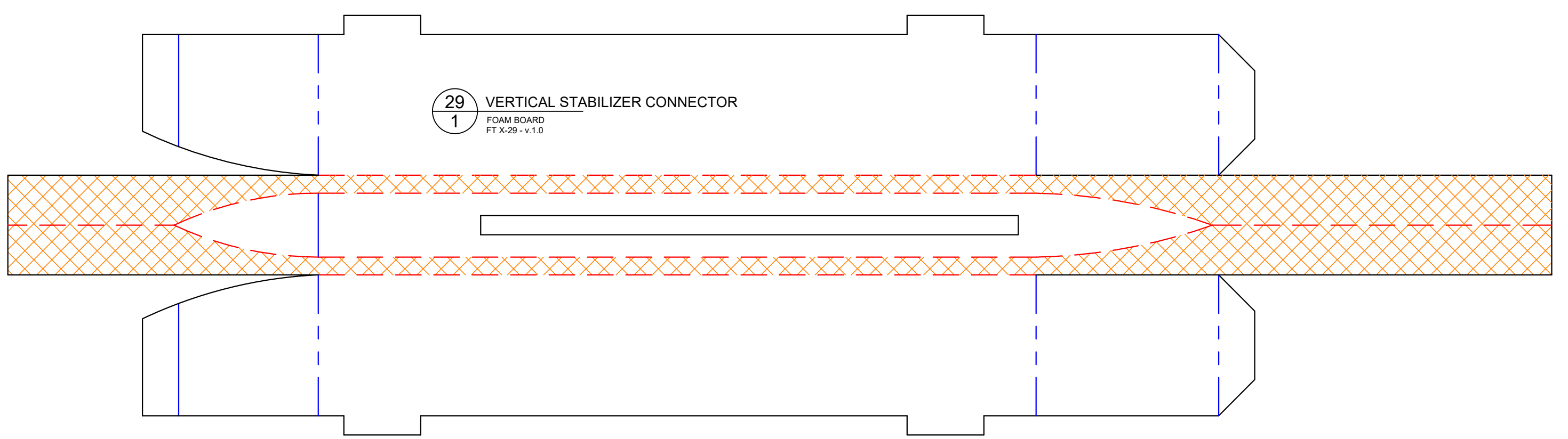
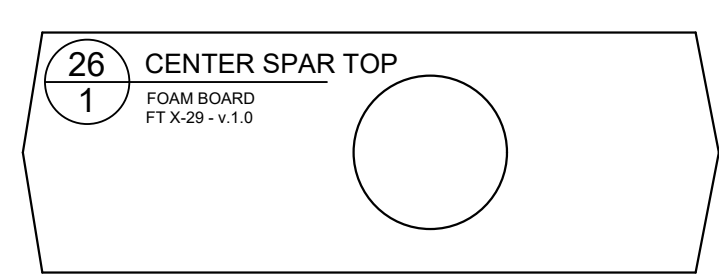
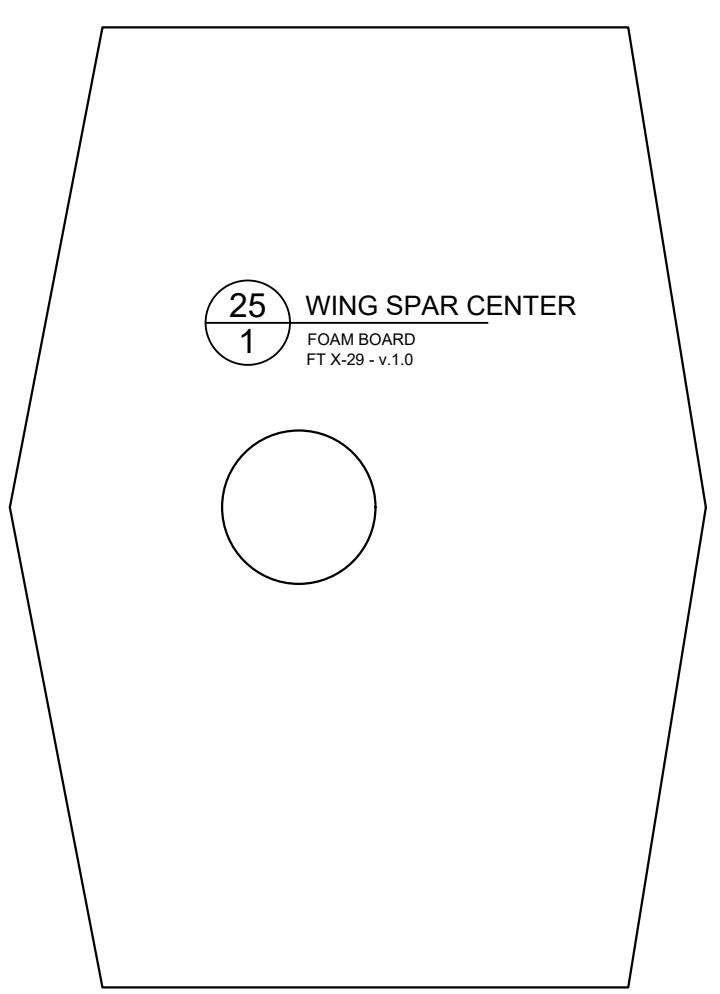
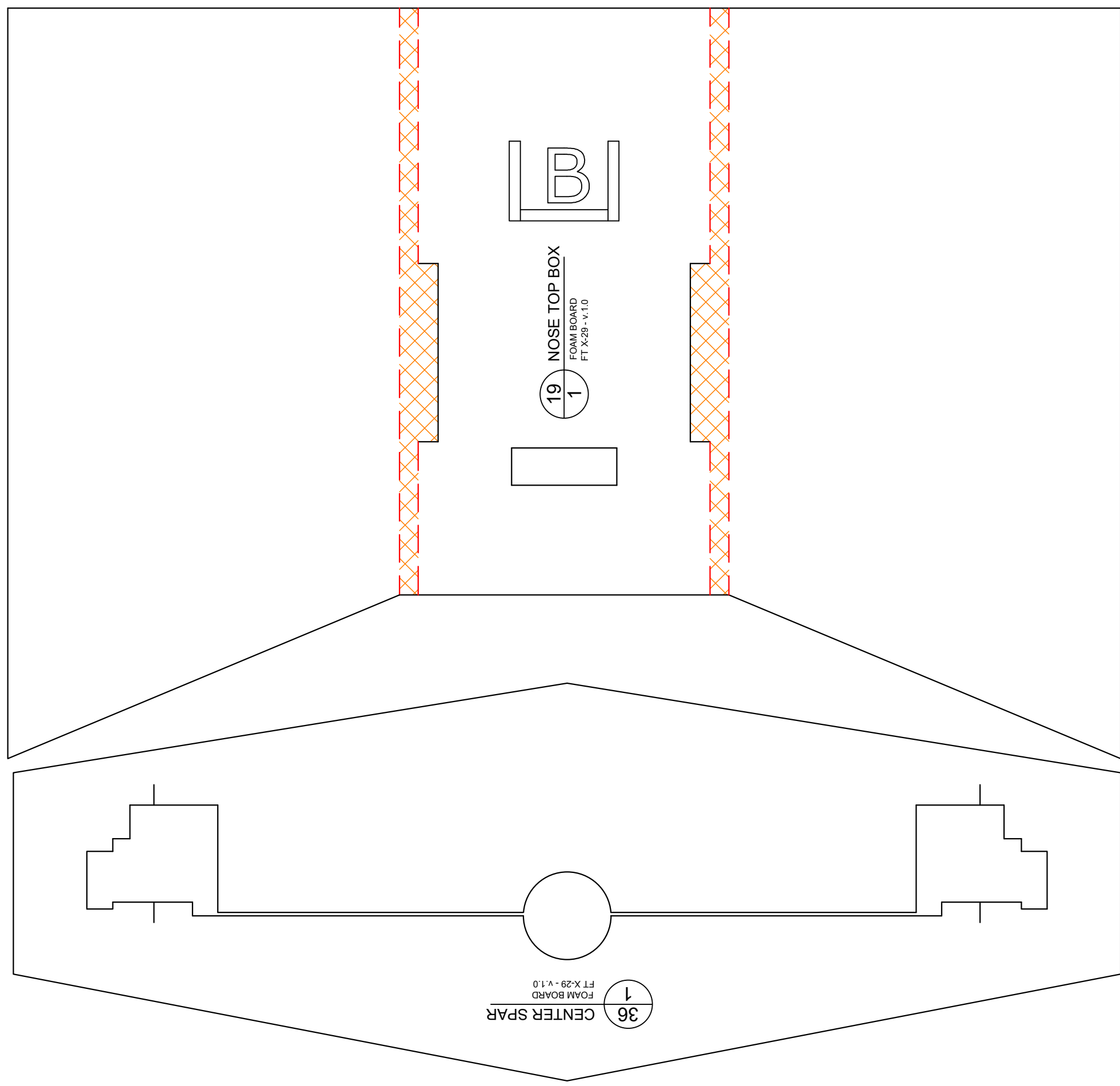


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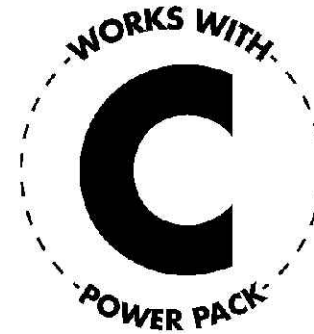


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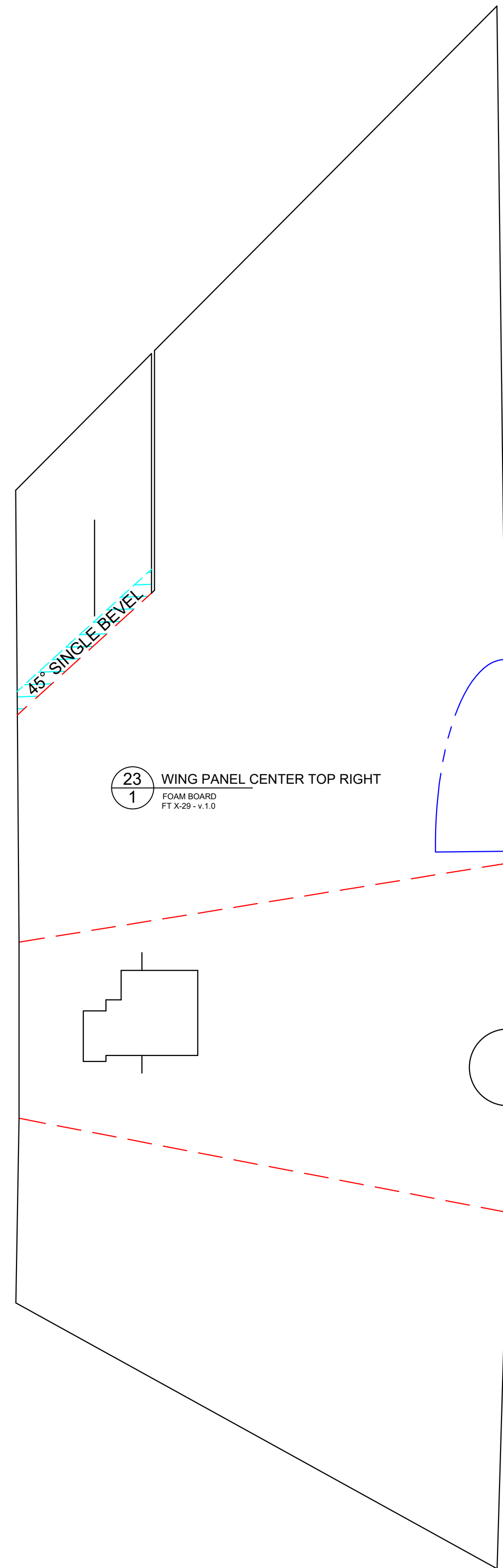


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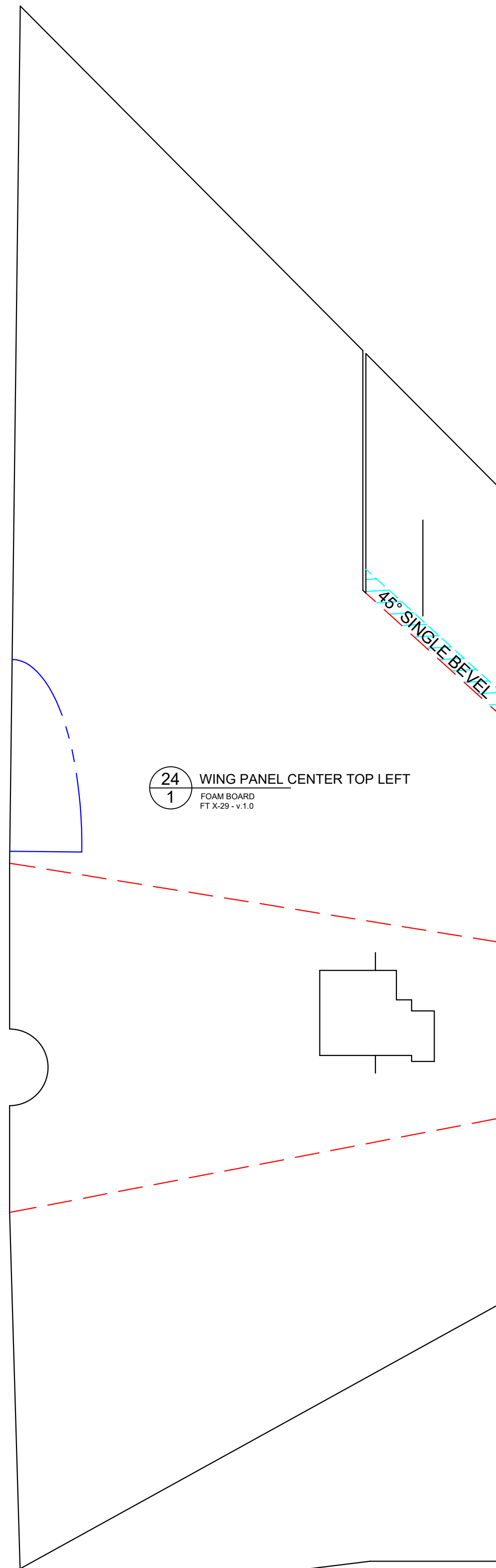
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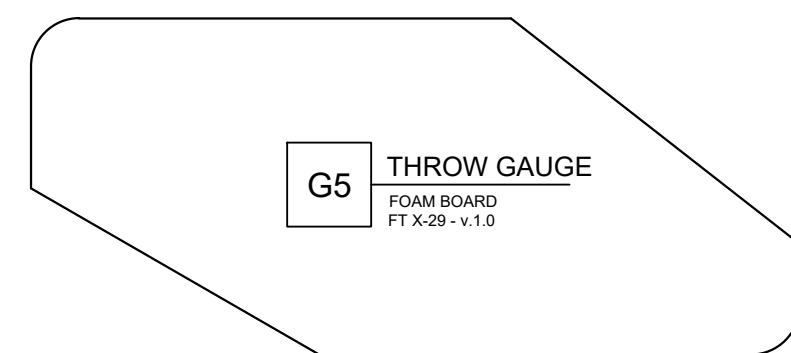
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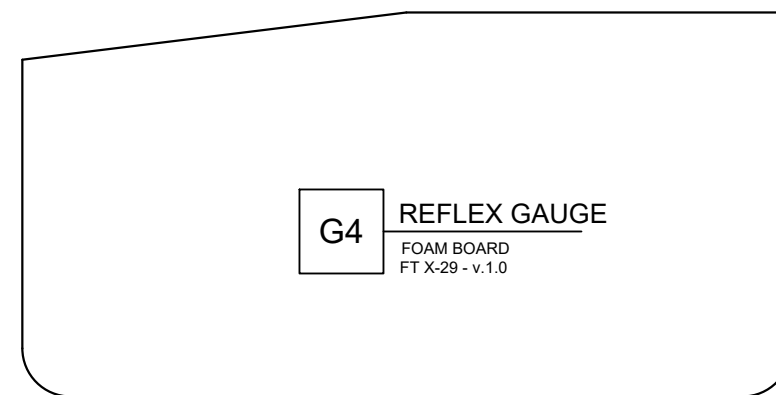
23 WING PANEL CENTER TOP RIGHT  
FOAM BOARD  
FT X-29 - v1.0



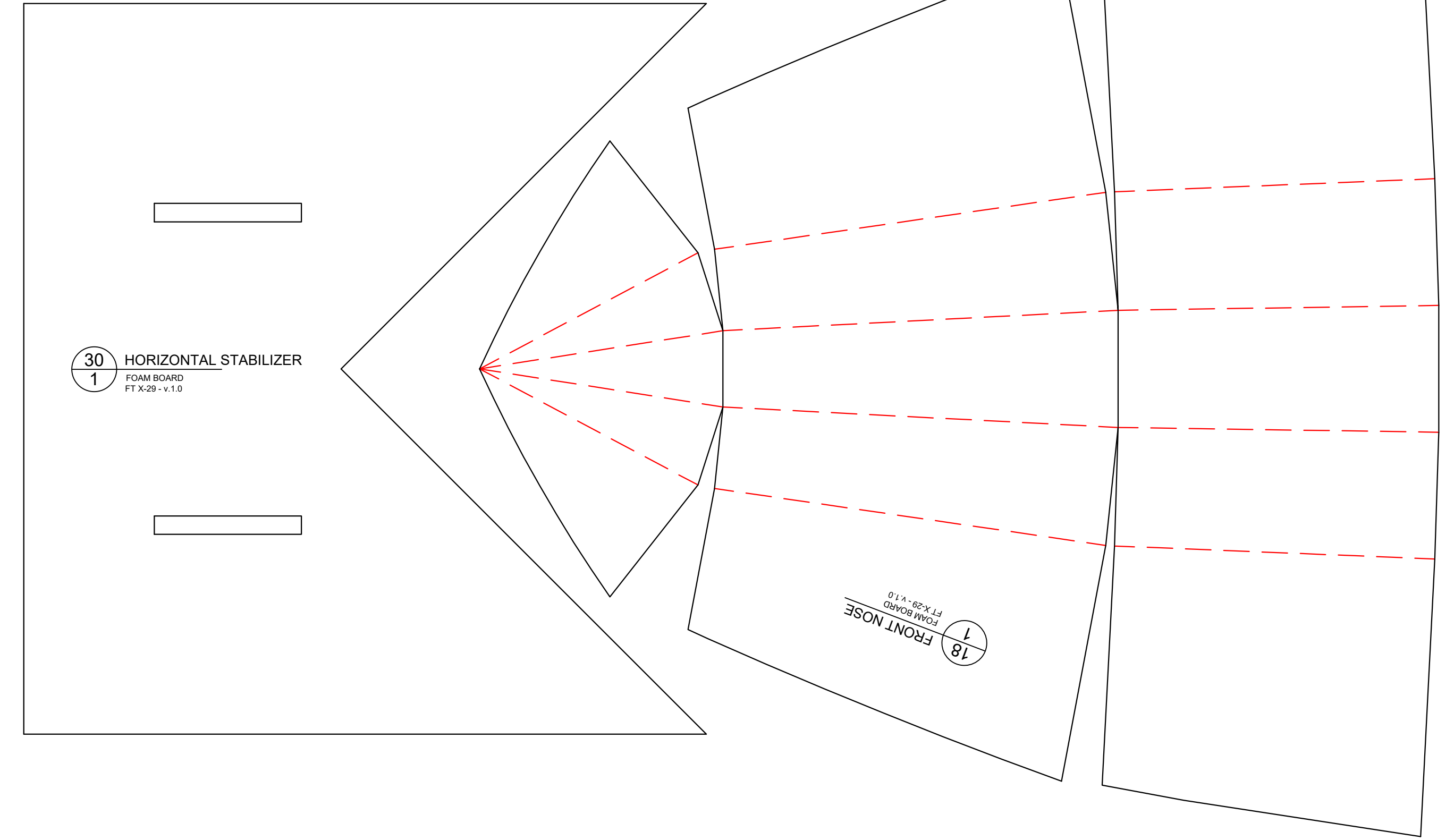
24 WING PANEL CENTER TOP LEFT  
FOAM BOARD  
FT X-29 - v1.0



G5 THROW GAUGE  
FOAM BOARD  
FT X-29 - v1.0

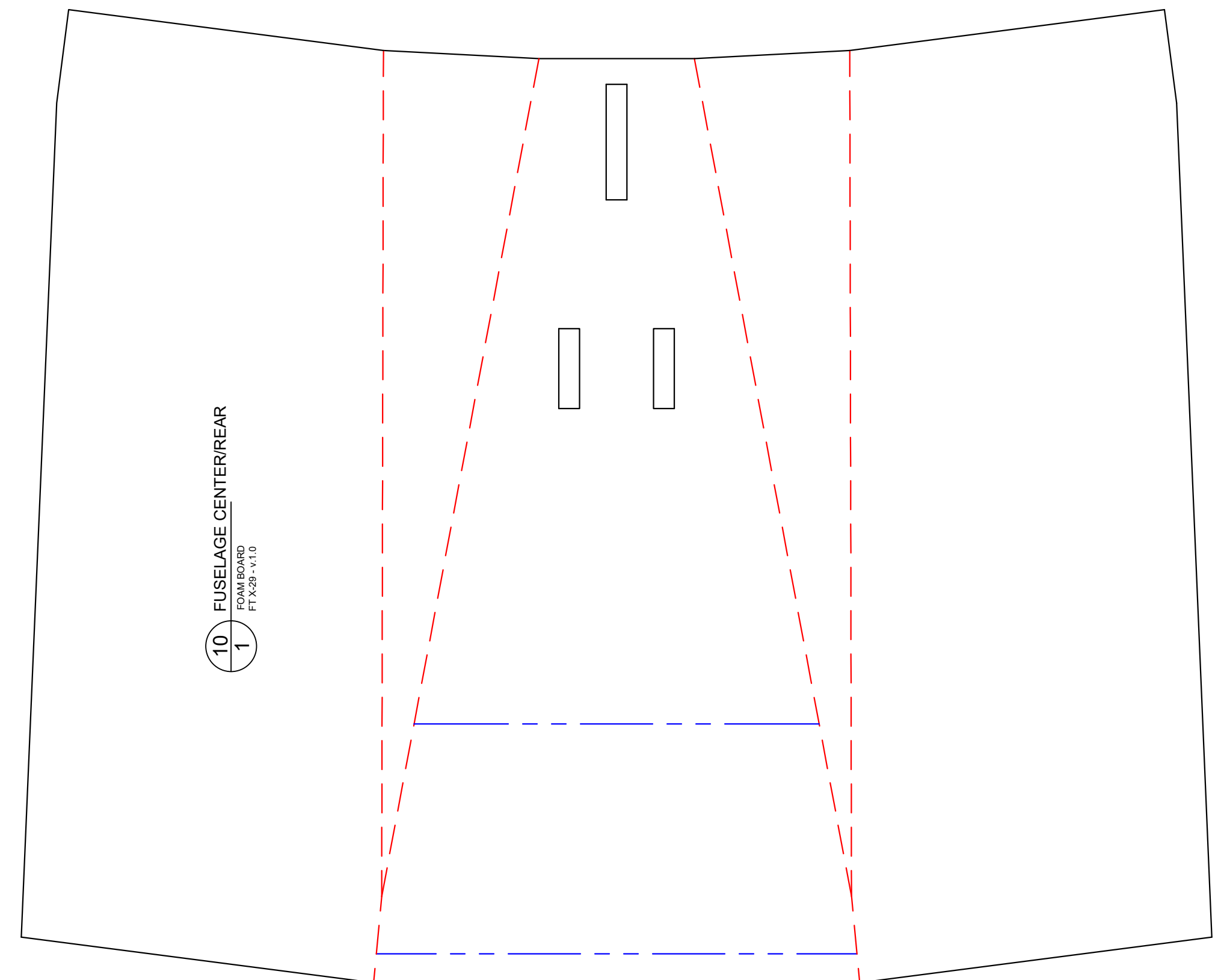


G4 REFLEX GAUGE  
FOAM BOARD  
FT X-29 - v1.0



30 HORIZONTAL STABILIZER  
FOAM BOARD  
FT X-29 - v1.0

18 FRONT NOSE  
FOAM BOARD  
FT X-29 - v1.0



10 FUSELAGE CENTER REAR  
FOAM BOARD  
FT X-29 - v1.0



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