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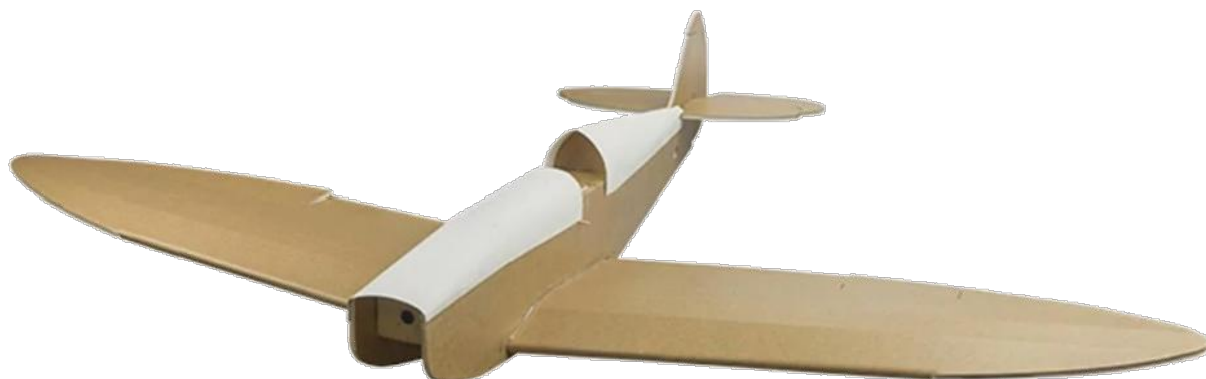
FT Spitfire

Designed By: David Windestål

Drawing By: Dan Sponholz

Version: 1.1

Date: 2018.12.27

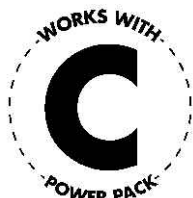


GENERAL SPECIFICATIONS:

LENGTH:	31.9 in	810 mm
CG:	2.7 in	68.5 mm
WINGSPAN:	42.5 in	1080 mm
WING AREA:	319.4 in ²	20.6 dm ²
DRY WEIGHT:	14.9 oz.	420 g
ALL UP WEIGHT:	18.0 oz.	510 g
WING LOADING:	8.1 oz/ft ²	25 g/dm ²
WCL:	5.4	
THROWS:		
AILERON	10°	
ELEVATOR	10°	
RUDDER	25°	
EXPO:	30%	
CHANNELS:	4 [THR AIL ELE RUD]	

RECOMMENDED ELECTRONICS:

MOTOR:	Park 425 1200 kv
PROPELLER:	8 x 6 or 9 x 4.7
ESC:	18 - 30 amp
SERVOS:	4x 9 gram
BATTERY:	1800 - 2200 mAh 3s (20c)



BUILD SKILL LEVEL:

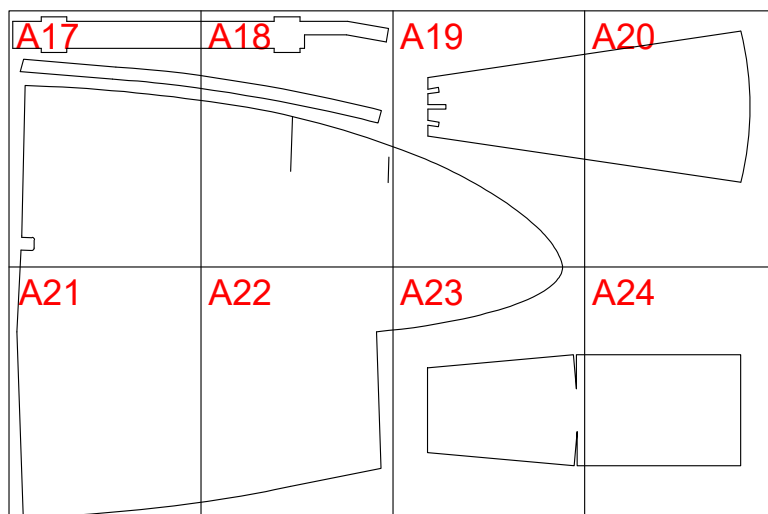
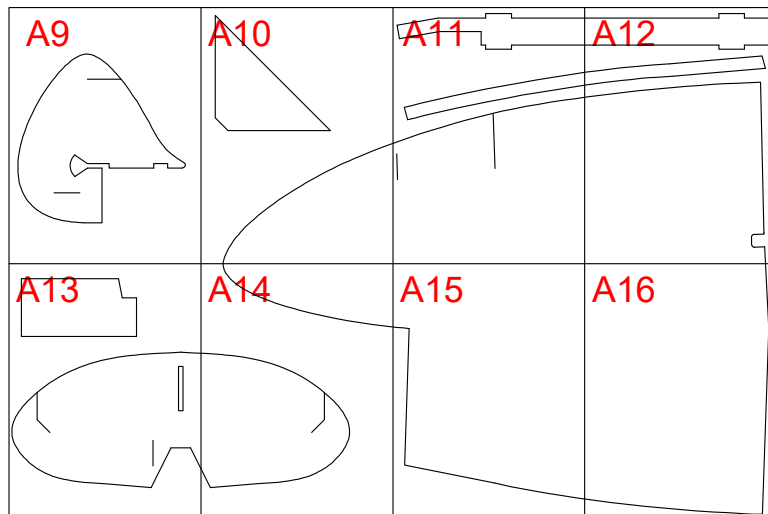
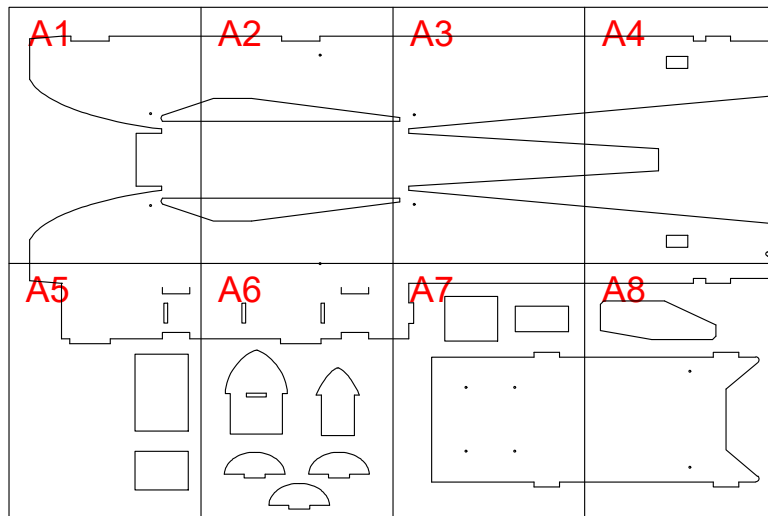


PILOT SKILL LEVEL:





FT Spitfire: Tile A Key

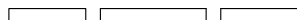
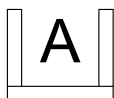




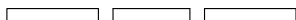
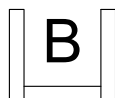
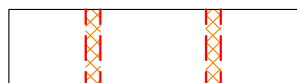
Drawing Key



FOLD TYPES



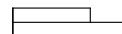
A - FOLD (ABOVE)



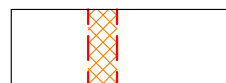
B - FOLD (BESIDE)



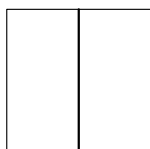
C



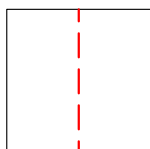
C - FOLD (COVER)



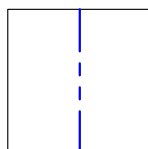
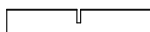
LINE TYPE/COLOR



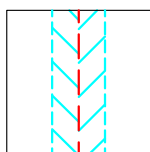
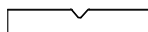
CUT



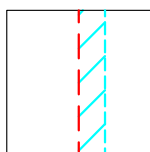
50% SCORE



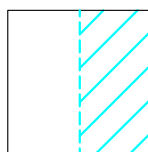
CREASE



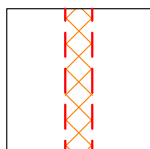
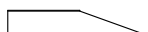
45° DOUBLE
BEVEL



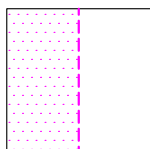
45° SINGLE
BEVEL



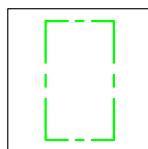
EDGE
BEVEL



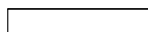
CAVITY



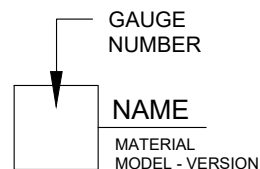
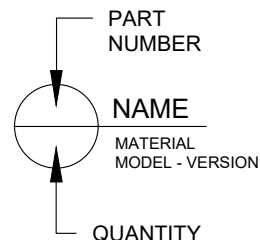
REMOVE
PAPER



REFERENCE/
OPTIONAL



SYMBOLS



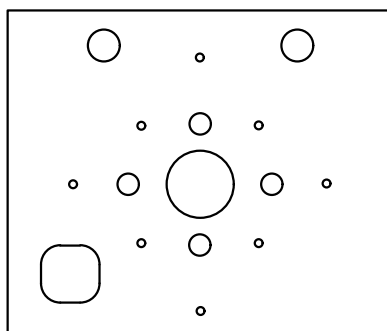
CENTER
OF
GRAVITY
(CG)



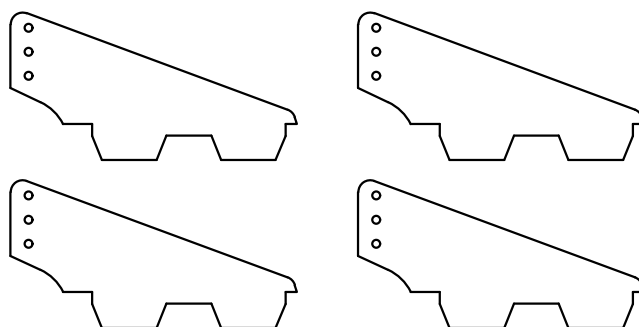
FT Spitfire: Wood Parts



HOBBY GRADE PLYWOOD
3/32" (2.4 mm) THICK



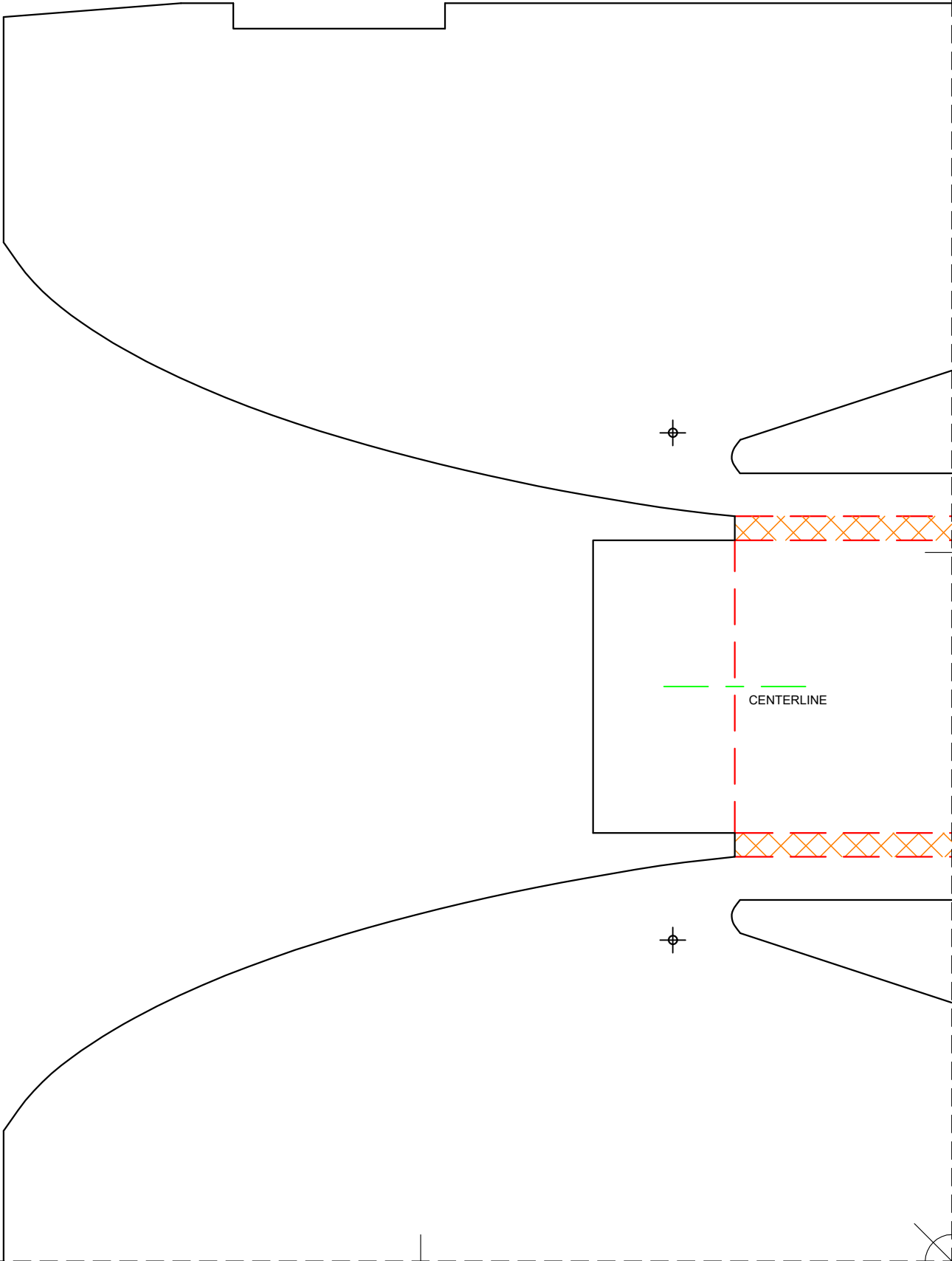
FT STANDARD FIREWALL



FT STANDARD CONTROL HORNS

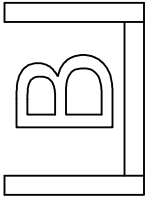


IN
CM





REMOVE AFTER FOLDING



FUSELAGE
FOAM BOARD
FT SPITFIRE - v.1.1

REMOVE AFTER FOLDING



IN
CM



FORMER C

CENTERLINE

FORMER C



IN
CM

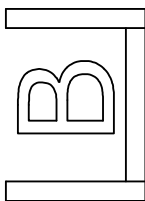
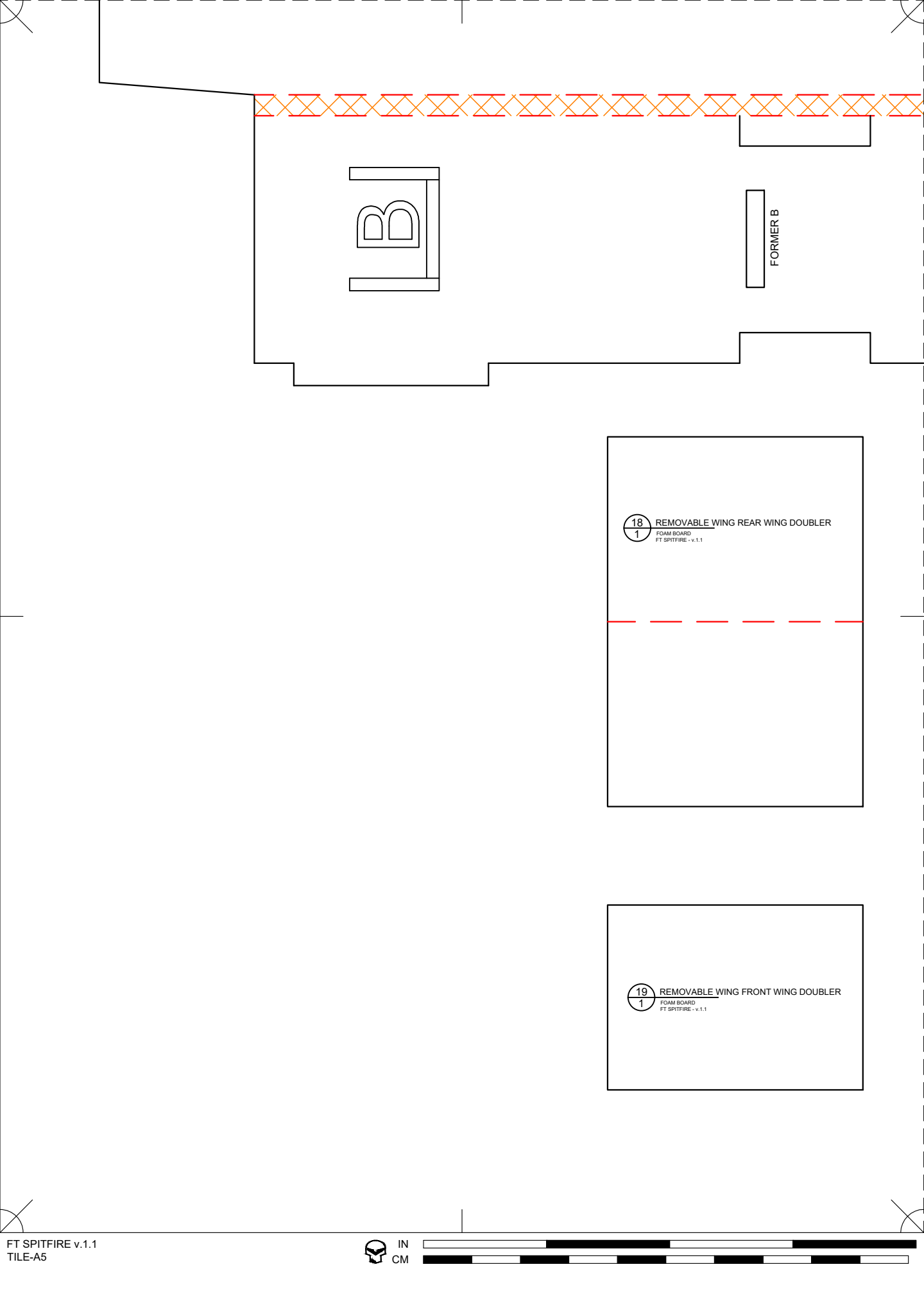


9 GRAM
SERVO



9 GRAM
SERVO





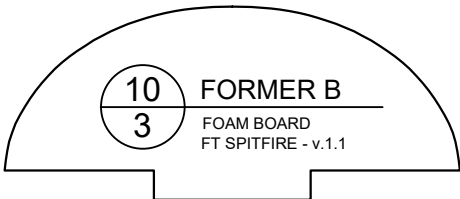
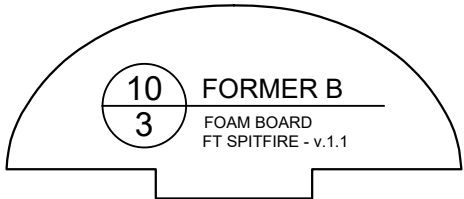
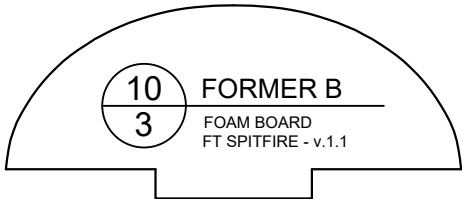
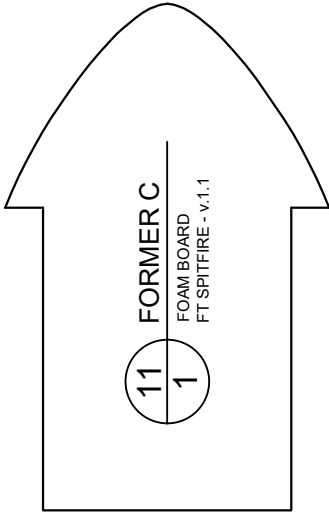
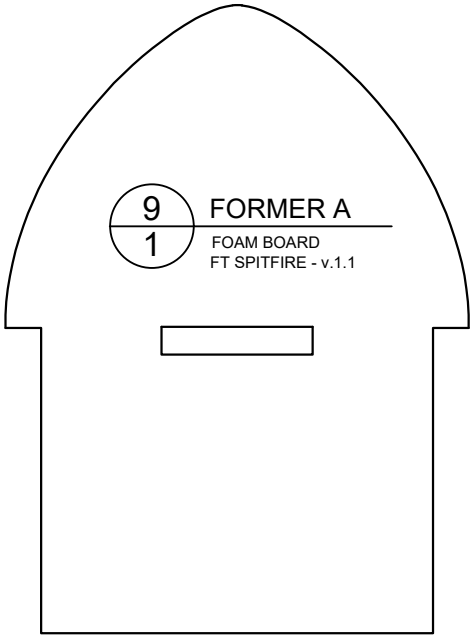
FORMER B

18
1

REMOVABLE WING REAR WING DOUBLER
FOAM BOARD
FT SPITFIRE - v.1.1

19
1

REMOVABLE WING FRONT WING DOUBLER
FOAM BOARD
FT SPITFIRE - v.1.1



FORMER A

17
1

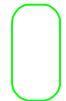
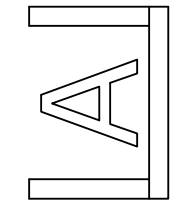
REMOVABLE WING FRONT FUSELAGE DOUBLER
FOAM BOARD
FT SPITFIRE - v.1.1

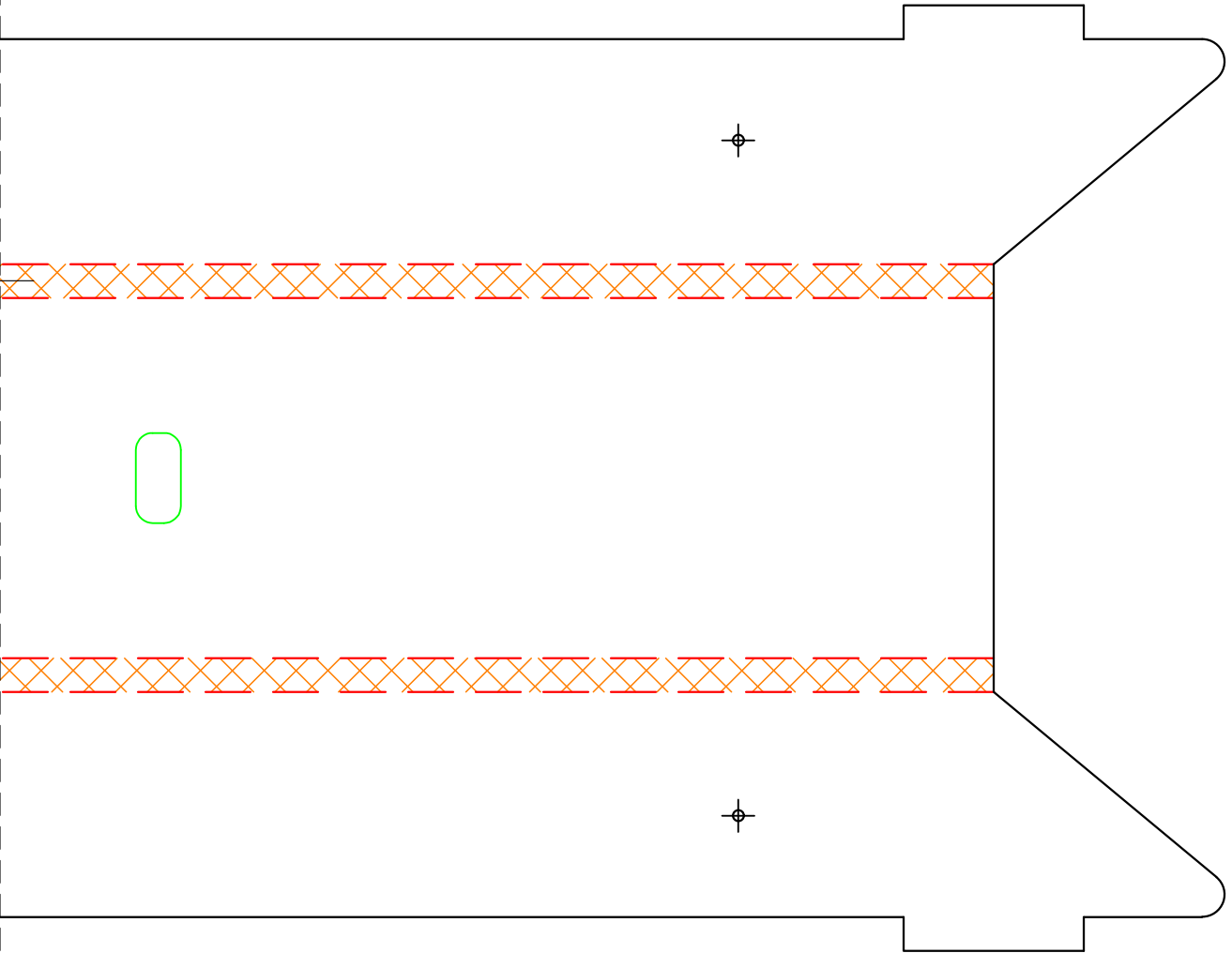
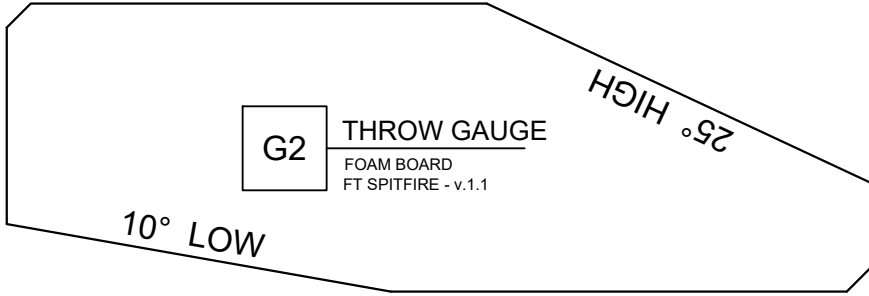
16
1

REMOVABLE WING REAR FUSELAGE DOUBLER
FOAM BOARD
FT SPITFIRE - v.1.1

1
1

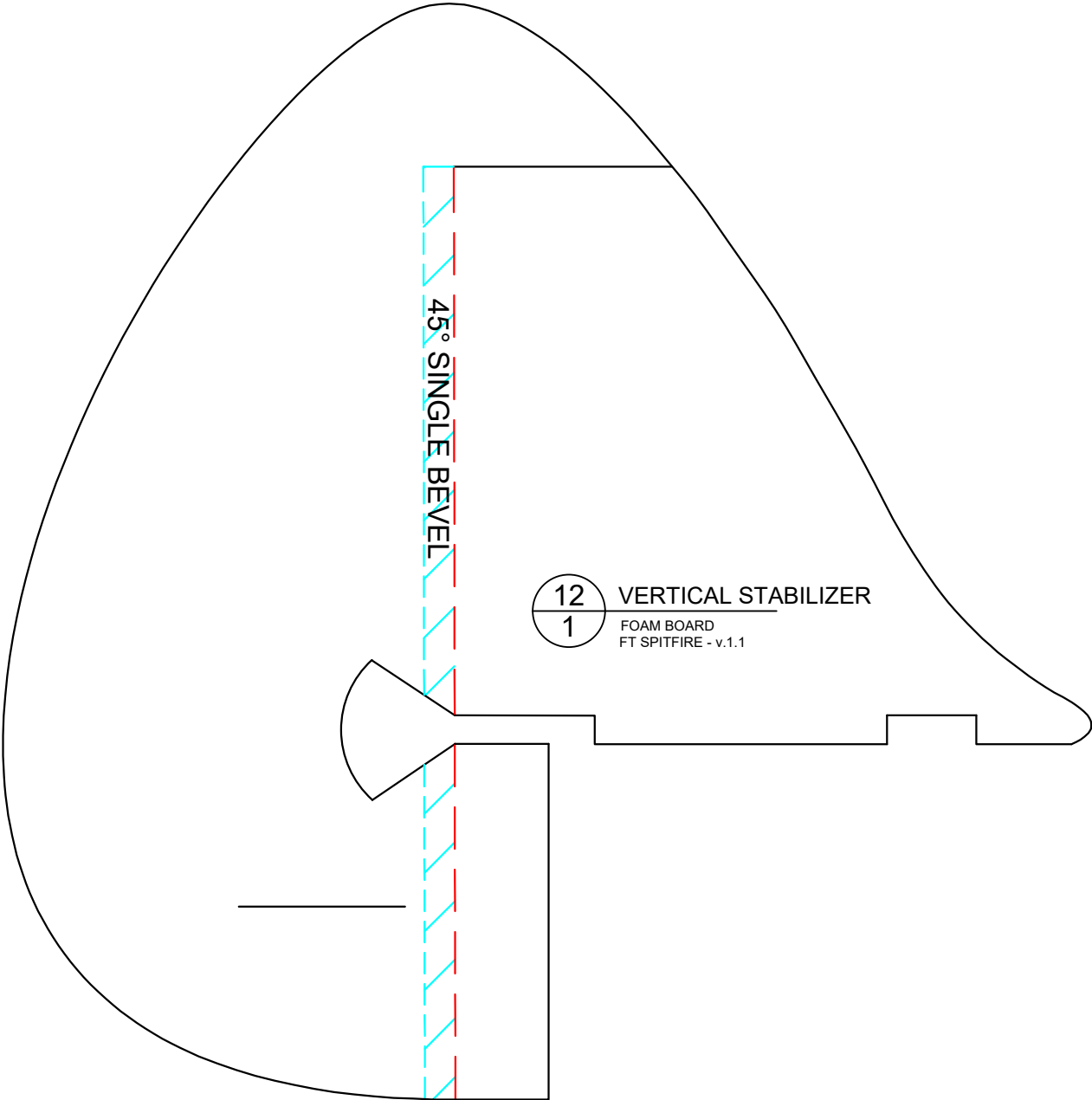
POWER POD
FOAM BOARD
FT SPITFIRE - v.1.1







IN
CM



12
1

VERTICAL STABILIZER

FOAM BOARD
FT SPITFIRE - v.1.1



IN
CM



G3

90° TRIANGLE

FOAM BOARD
FT SPITFIRE - v.1.1

45° SINGLE BEVEL



4
1

LEFT WING SPAR

FOAM BOARD
FT SPITFIRE - v.1.1

6
1

LEFT TRAILING EDGE SPAR

FOAM BOARD
FT SPITFIRE - v.1.1



3.94 in / 100 mm

G1

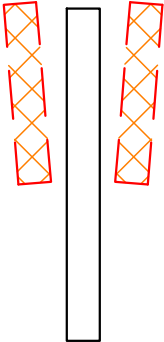
DIHEDRAL GAUGE

FOAM BOARD
FT SPITFIRE - v.1.1

13
1

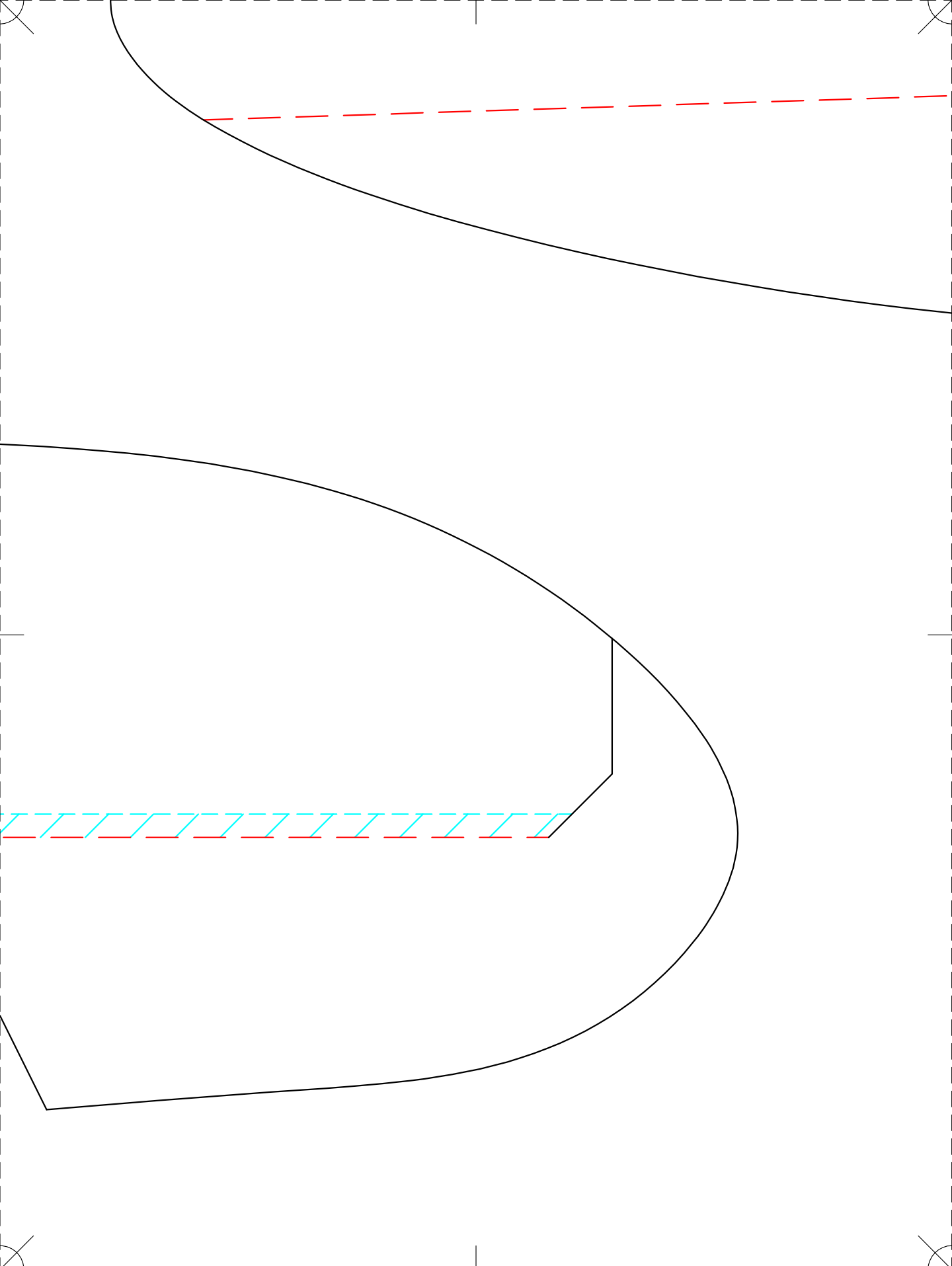
HORIZONTAL STABILIZER

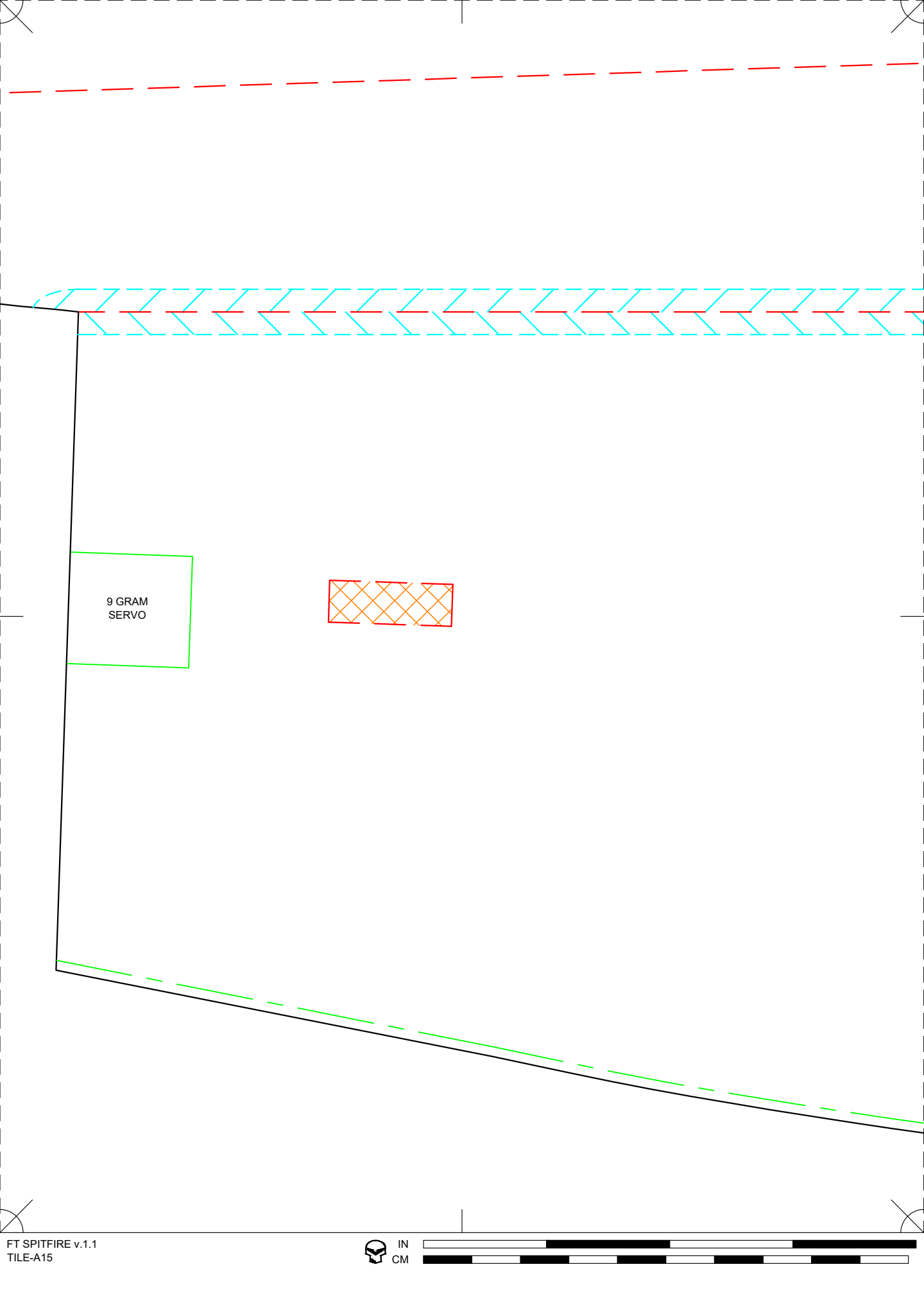
FOAM BOARD
FT SPITFIRE - v.1.1



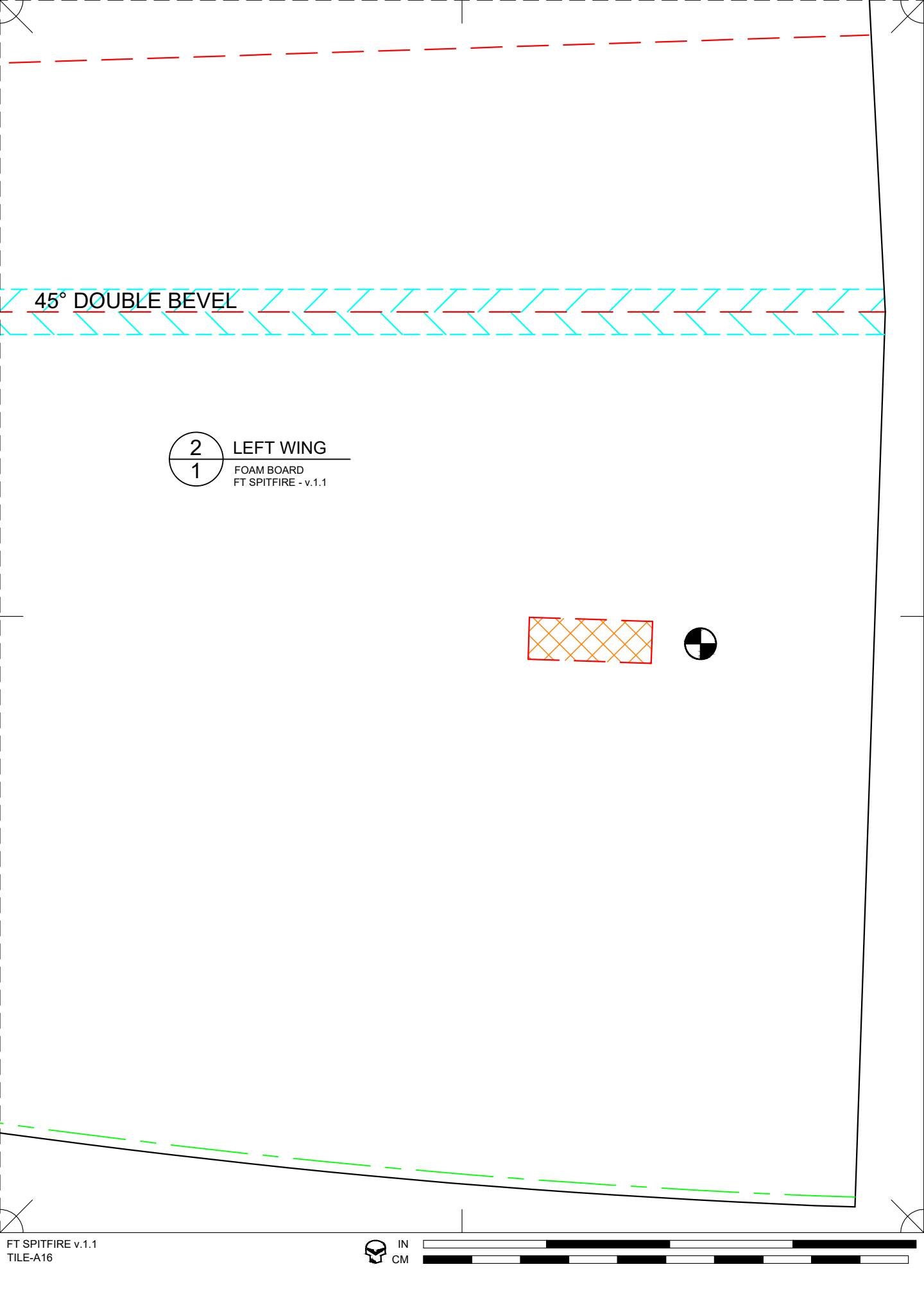
45° SINGLE BEVEL







9 GRAM
SERVO



45° DOUBLE BEVEL



LEFT WING

FOAM BOARD
FT SPITFIRE - v.1.1





5
1

RIGHT WING SPAR

FOAM BOARD
FT SPITFIRE - v.1.1

7
1

RIGHT TRAILING EDGE SPAR

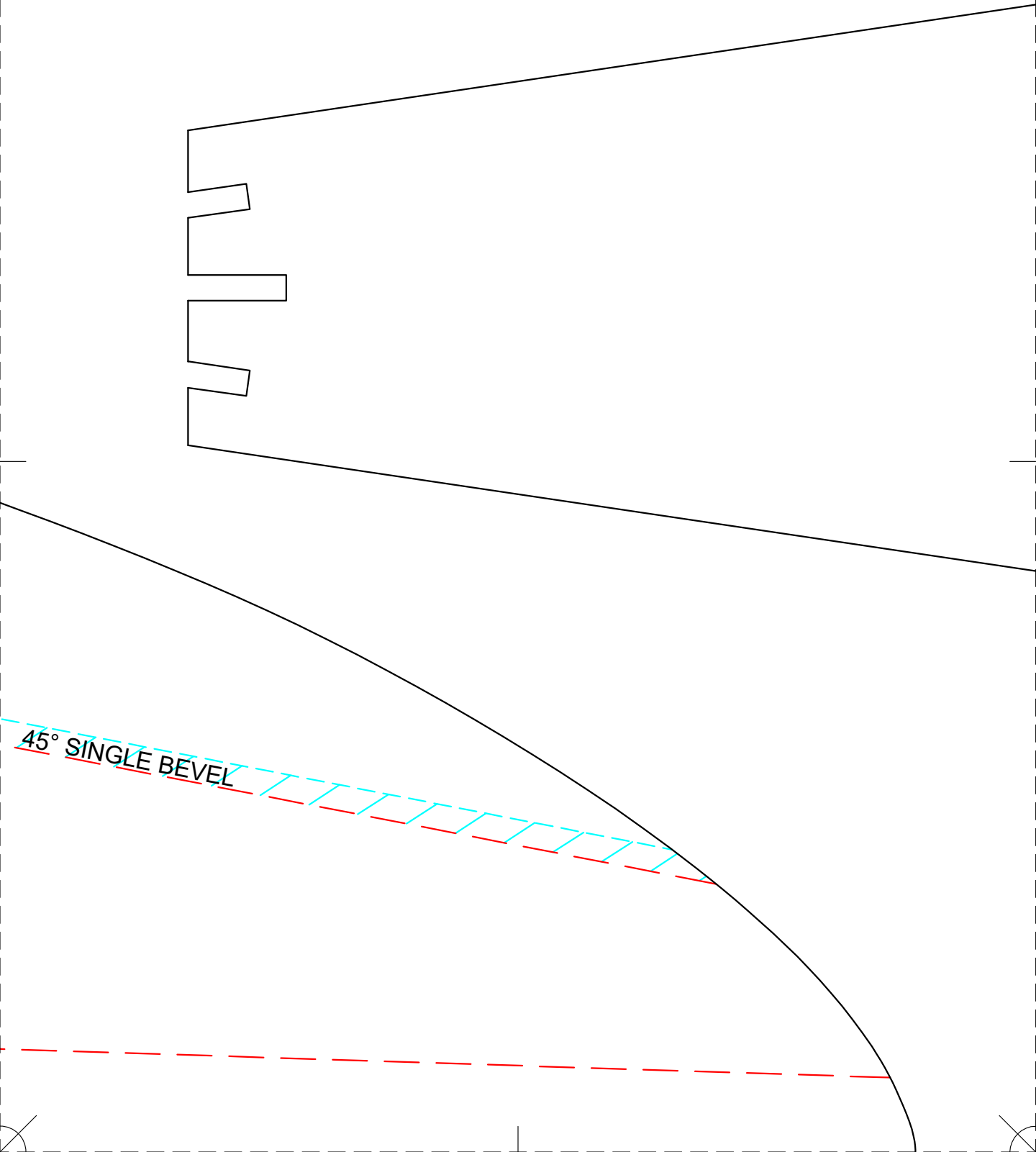
FOAM BOARD
FT SPITFIRE - v.1.1







IN
CM





IN
CM



REAR TURTLE DECK

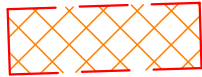
POSTERBOARD
FT SPITFIRE - v.1.1

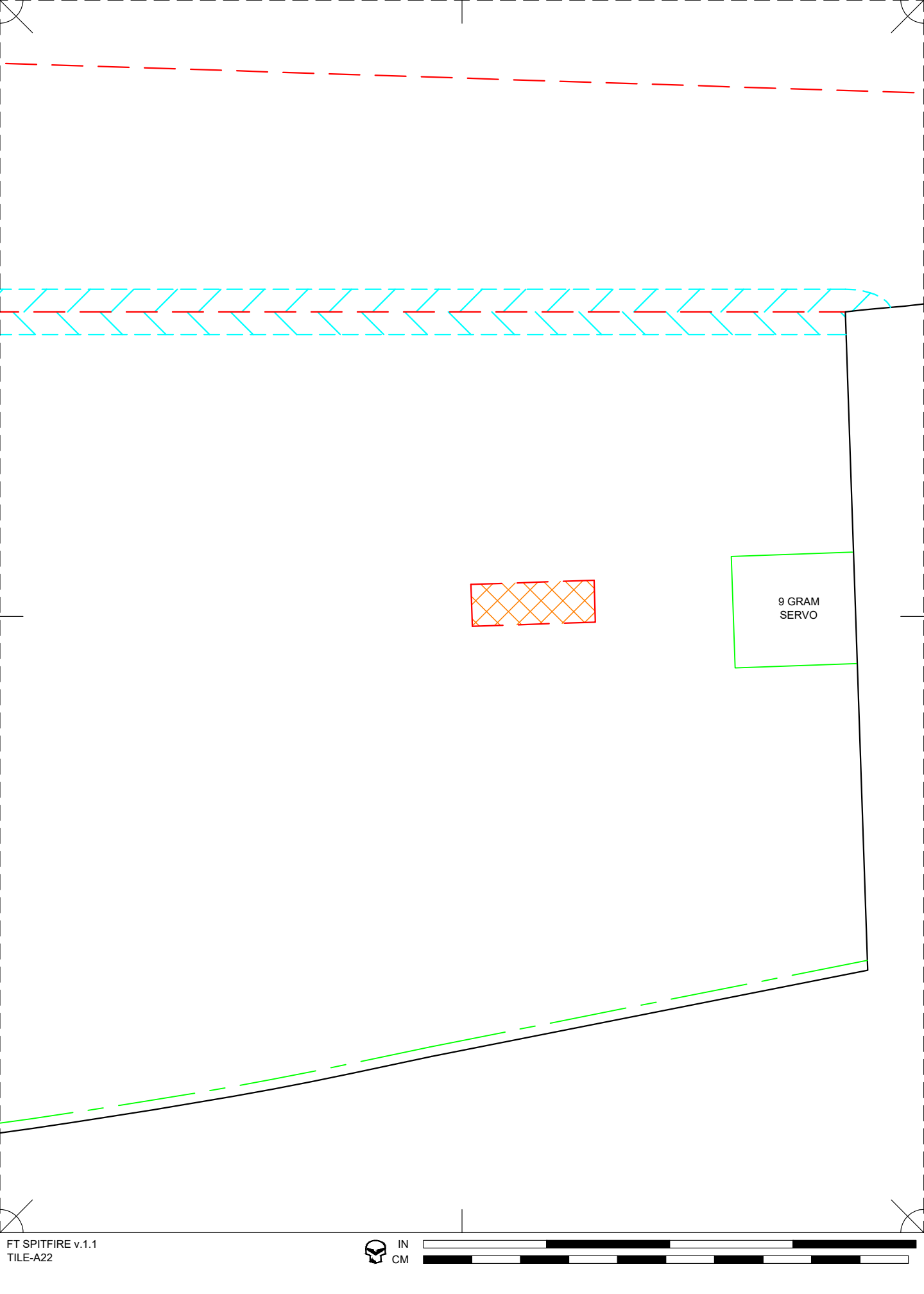
45° DOUBLE BEVEL

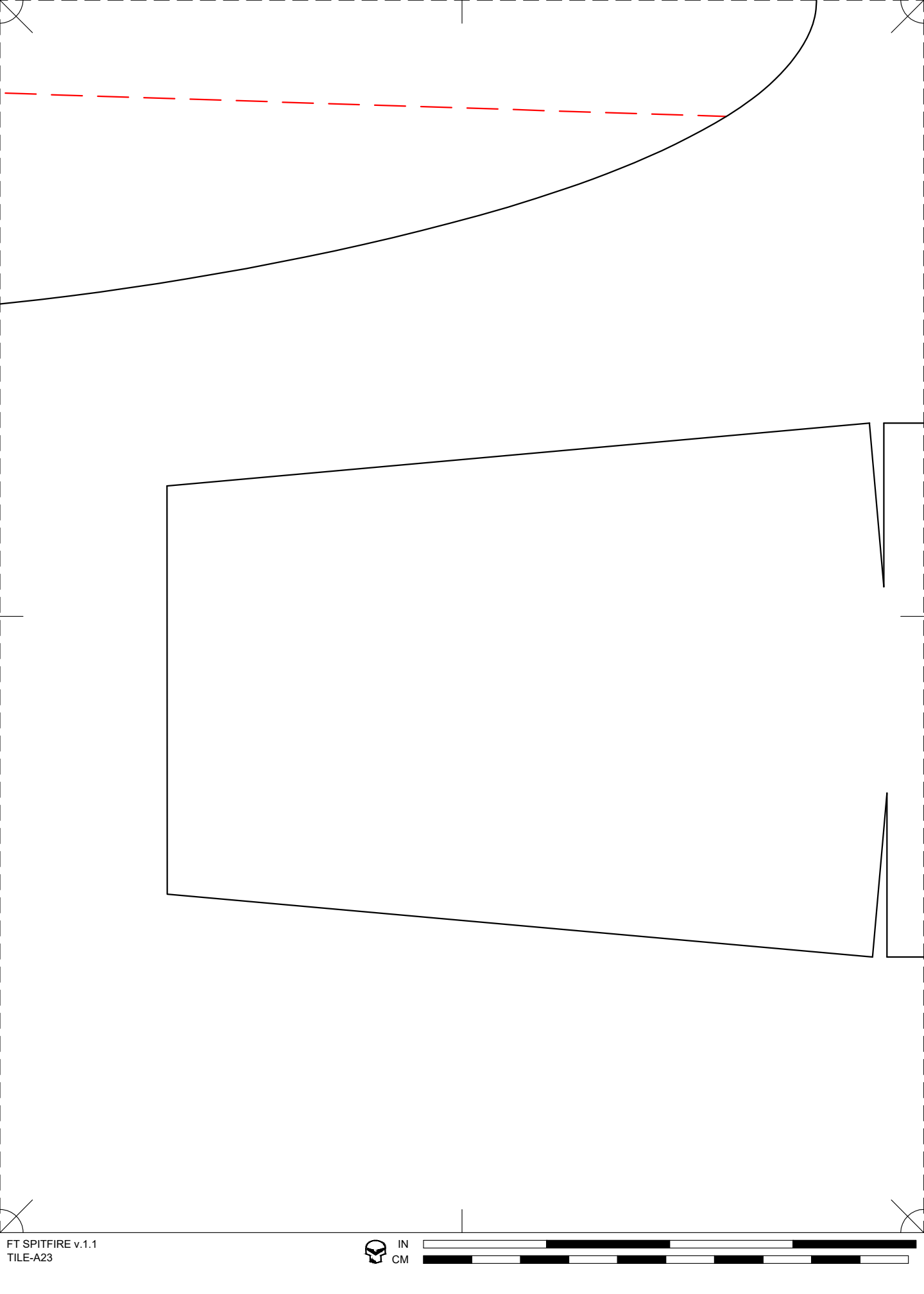
3
1

RIGHT WING

FOAM BOARD
FT SPITFIRE - v.1.1









FRONT TURTLE DECK

POSTERBOARD
FT SPITFIRE - v.1.1

