



www.flitetest.com



FT P-38

Designed By: John Overstreet

Drawing By: Dan Sponholz

Version: 1.0

Date: 2019.12.07



GENERAL SPECIFICATIONS:

LENGTH: 40.5 in | 1028 mm
CG: 1.75 in | 45 mm
WINGSPAN: 57.5 in | 1460 mm
WING AREA: 390.0 in² | 25.2 dm²
DRY WEIGHT: 36.0 oz. | 1020 g
ALL UP WEIGHT: 48.0 oz. | 1360 g
WING LOADING: 17.7 oz/ft² | 54 g/dm²
WCL: 10.8
THROWS: 12°
EXPO: 30%
CHANNELS: 4 [THR | AIL | ELE | RUD]

RECOMMENDED ELECTRONICS:

MOTORS: 2X 2218B 1080 kv
PROPELLER: 2X 10 X 4.7 (CW/CCW)
ESC: 2X 35A min.
SERVOS: 4X ES08AII 9g
BATTERY: 3000 mAh 4S



BUILD SKILL LEVEL:

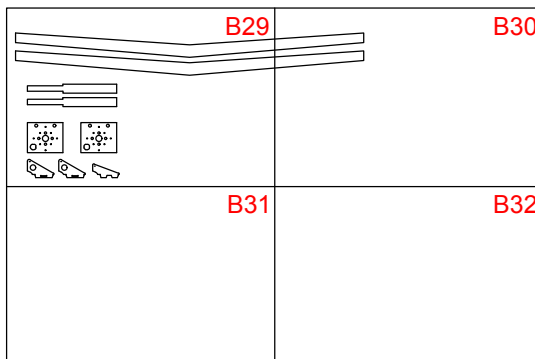
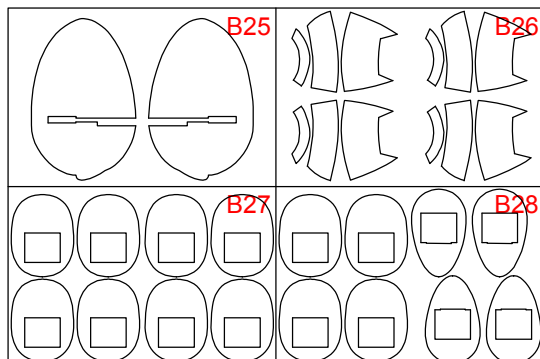
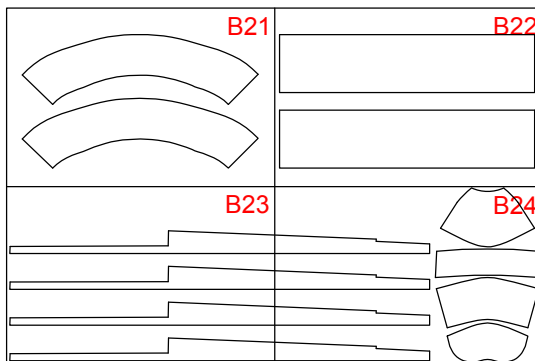
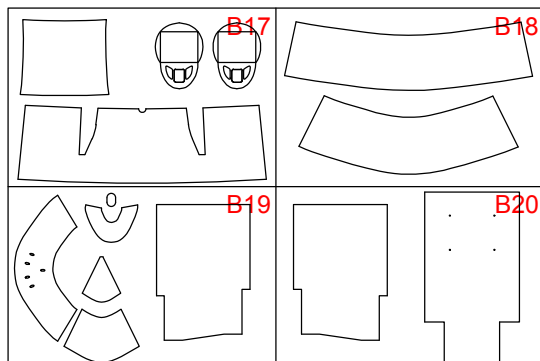
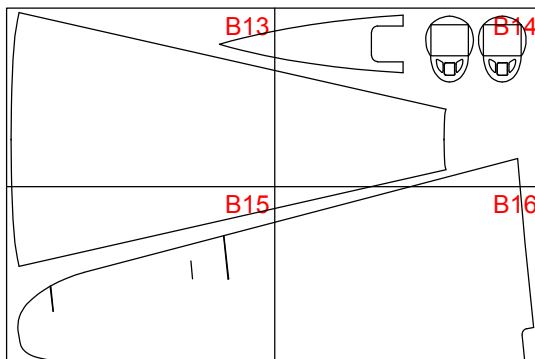
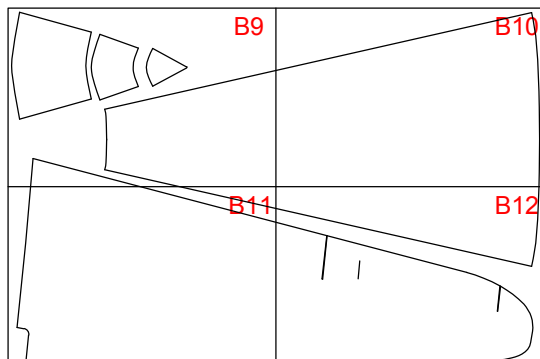
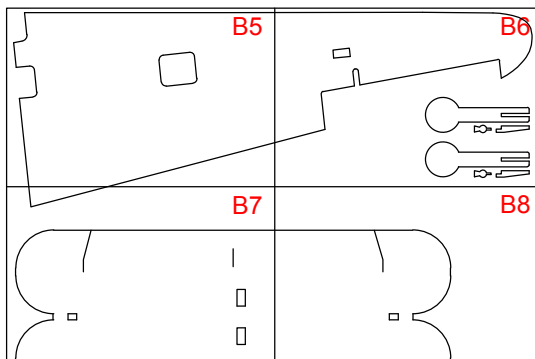
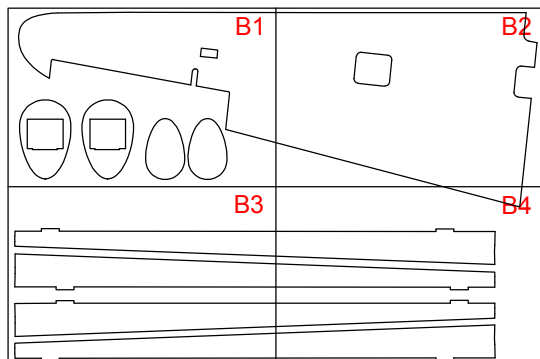


PILOT SKILL LEVEL:





FT P-38: Tile B Key

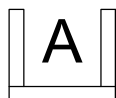




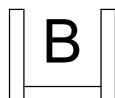
Drawing Key



FOLD TYPES



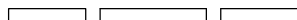
A



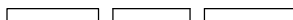
B



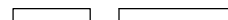
C



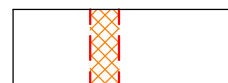
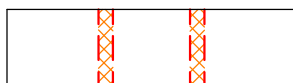
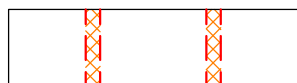
A - FOLD (ABOVE)



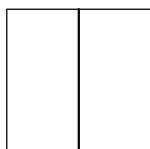
B - FOLD (BESIDE)



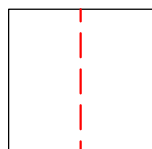
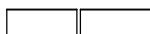
C - FOLD (COVER)



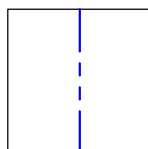
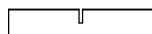
LINE TYPE/COLOR



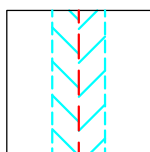
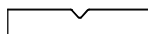
CUT



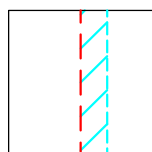
50% SCORE



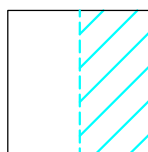
CREASE



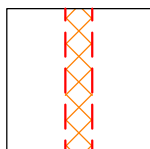
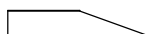
45° DOUBLE
BEVEL



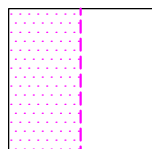
45° SINGLE
BEVEL



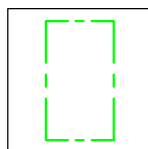
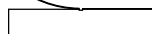
EDGE
BEVEL



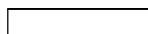
CAVITY



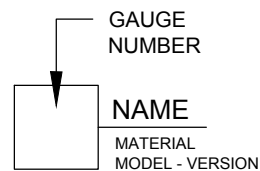
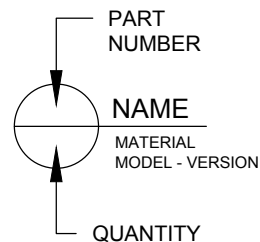
REMOVE
PAPER



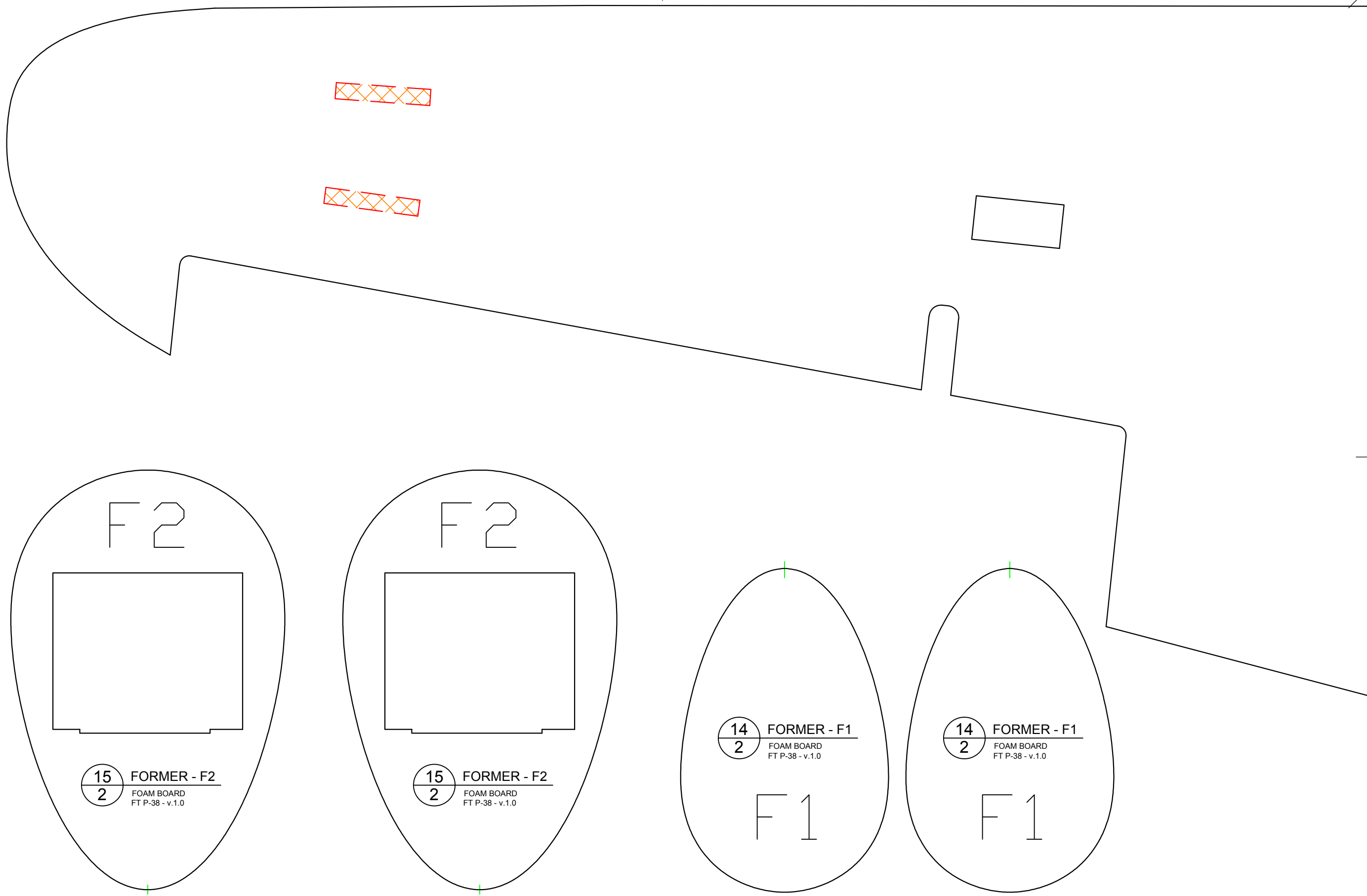
REFERENCE/
OPTIONAL

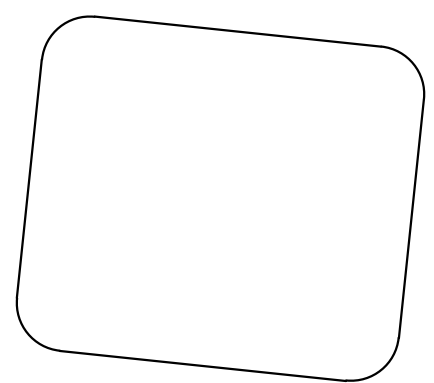


SYMBOLS

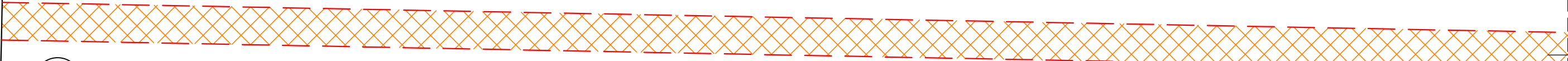
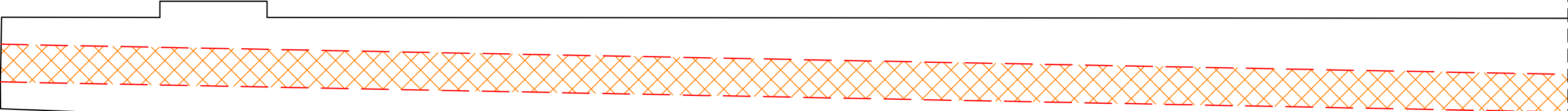


CENTER
OF
GRAVITY
(CG)



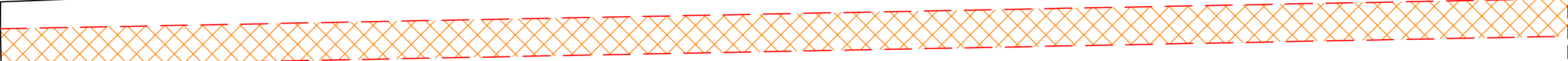
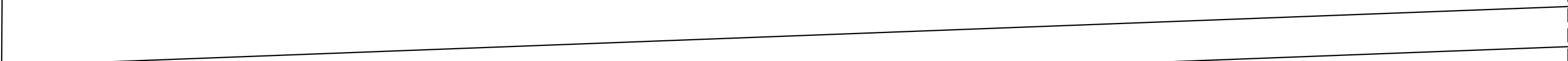
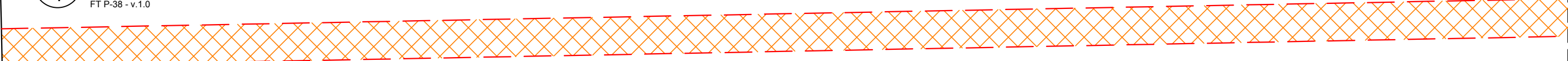


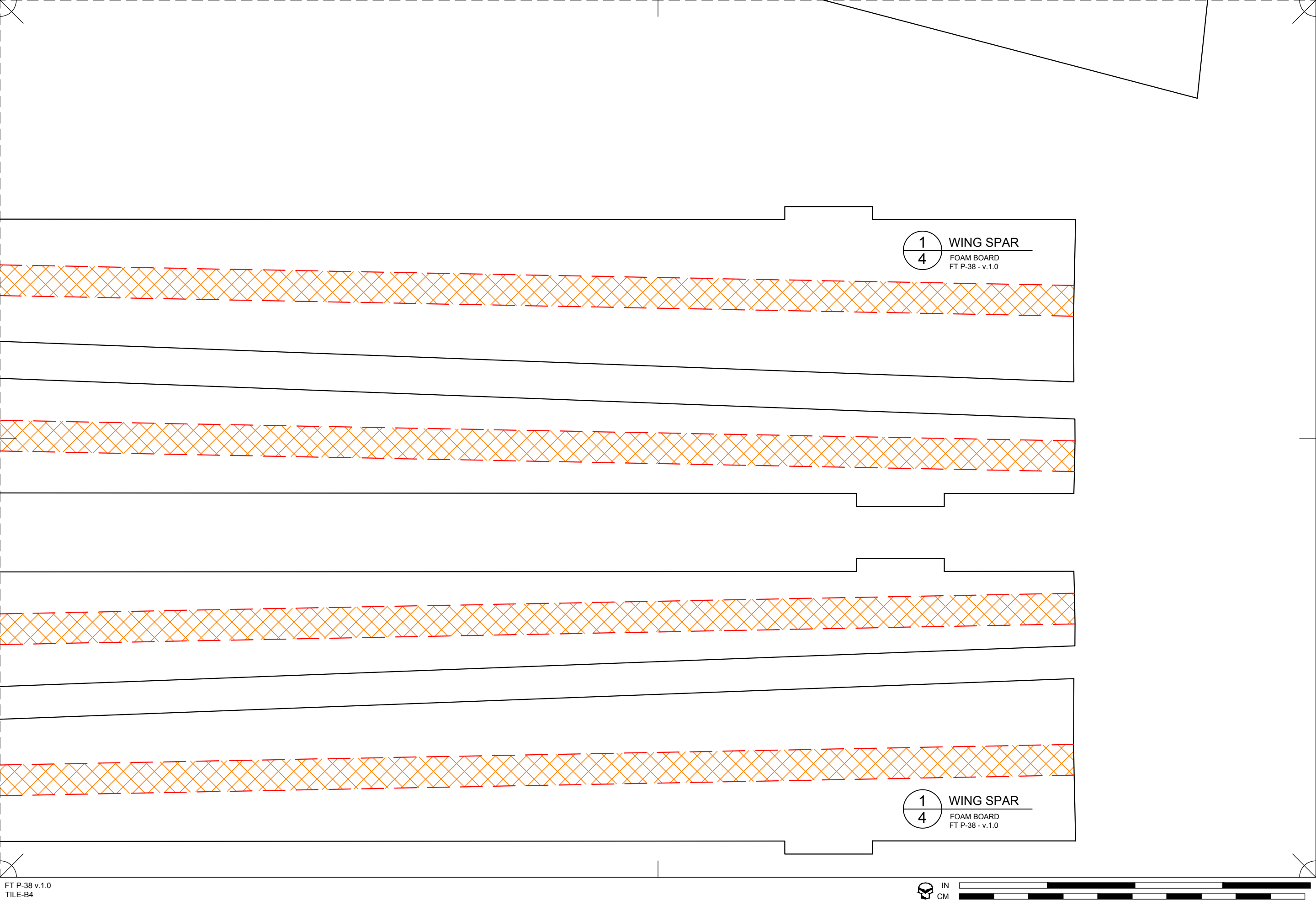
2 LOWER WING PANEL - LEFT
1 FOAM BOARD
FT P-38 - v.1.0



1
4 WING SPAR
FOAM BOARD
FT P-38 - v.1.0

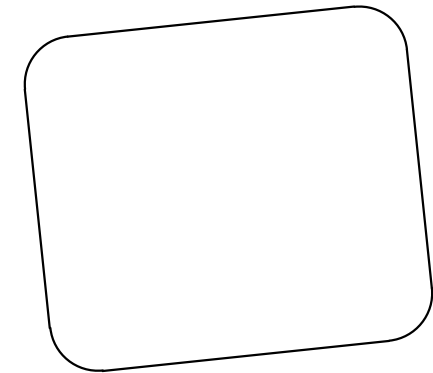
1
4 WING SPAR
FOAM BOARD
FT P-38 - v.1.0



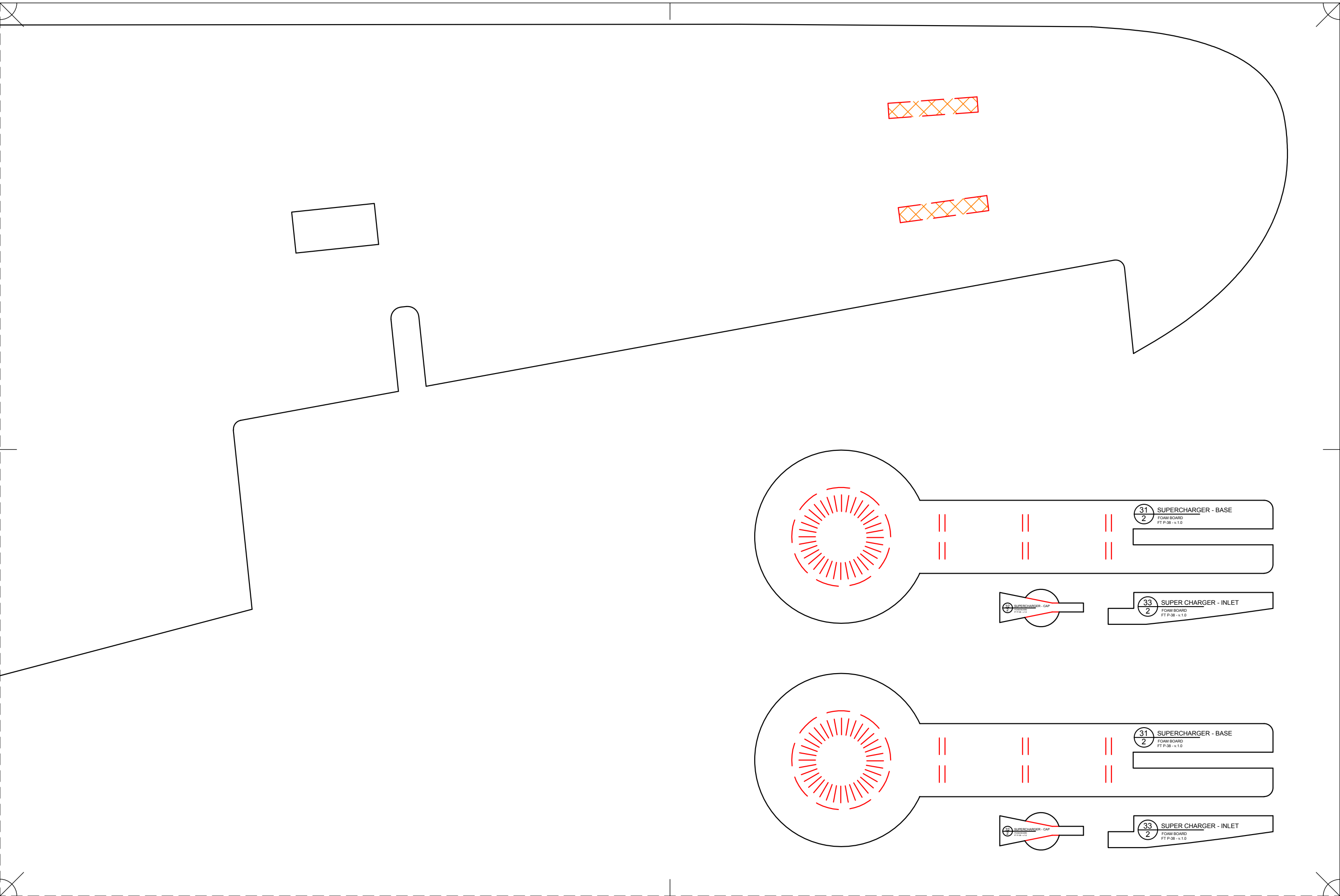


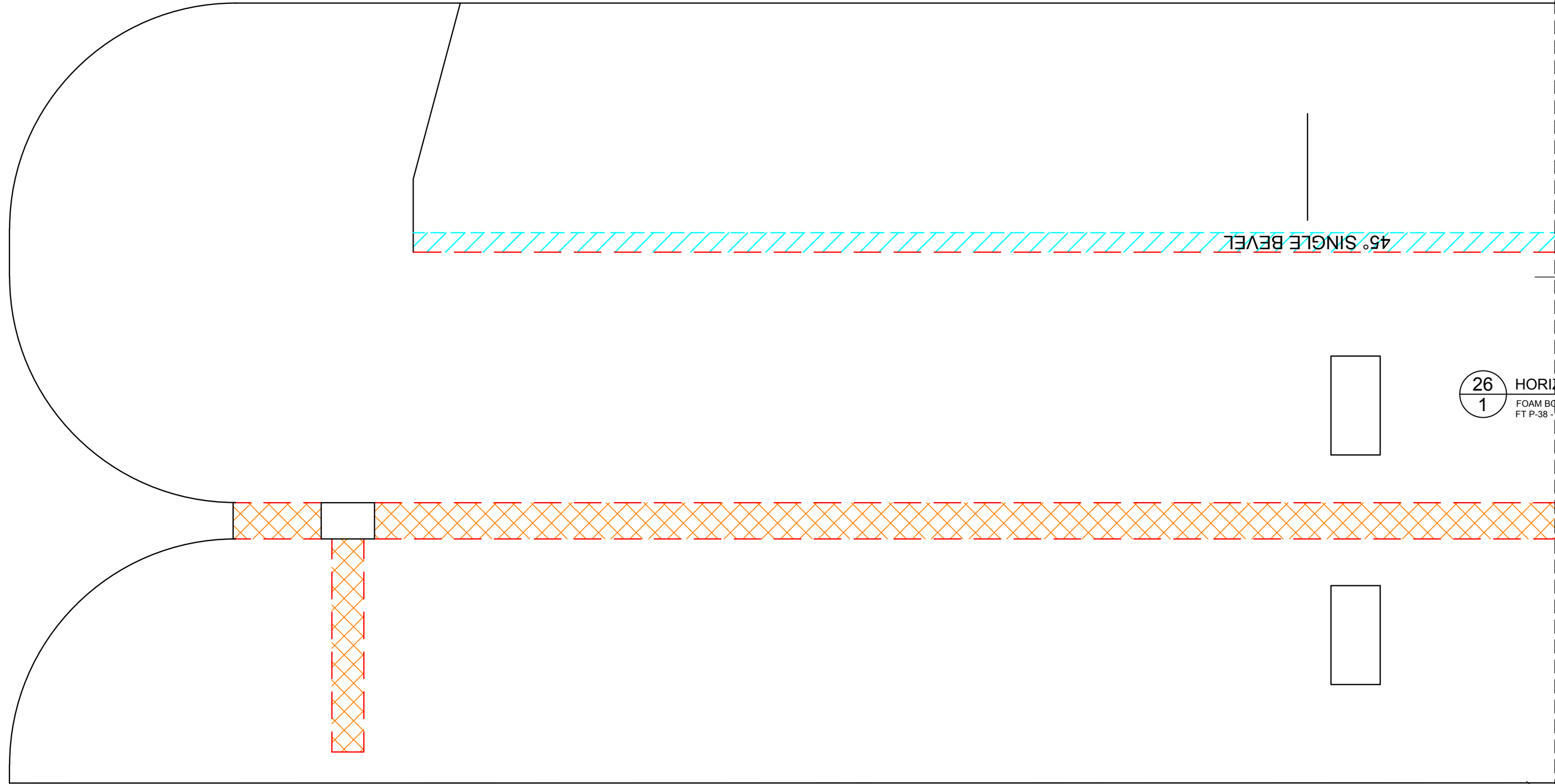
1 WING SPAR
4 FOAM BOARD
FT P-38 - v.1.0

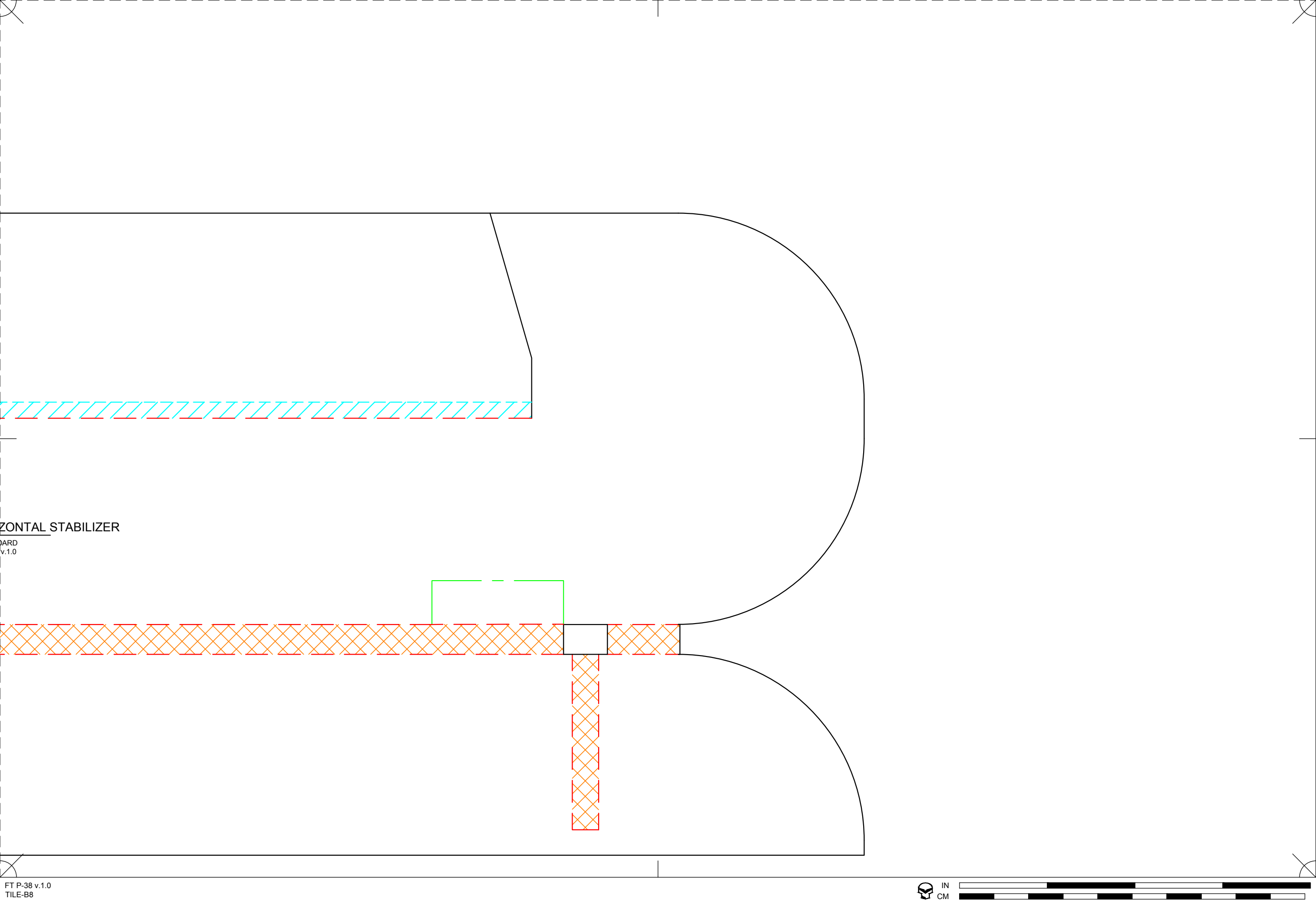
1 WING SPAR
4 FOAM BOARD
FT P-38 - v.1.0



3 LOWER WING PANEL - RIGHT
1 FOAM BOARD
FT P-38 - v.1.0







HORIZONTAL STABILIZER

WARD
v.1.0



IN
CM



B6

44 FUSELAGE - B6

1
FOAM BOARD
FT P-38 - v.1.0

B7

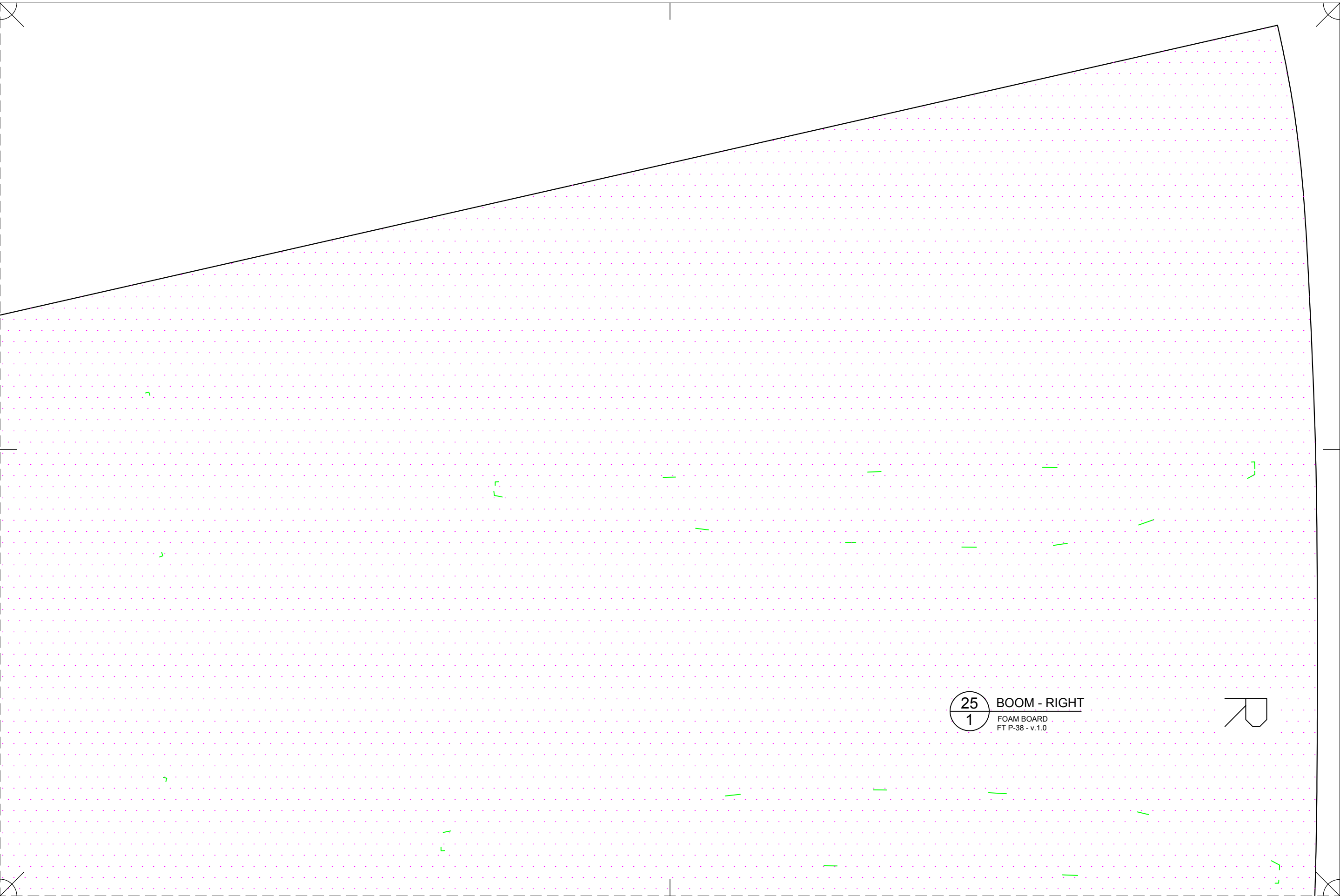
45 FUSELAGE - B7

1
FOAM BOARD
FT P-38 - v.1.0

46 FUSELAGE - B8

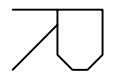
1
FOAM BOARD
FT P-38 - v.1.0

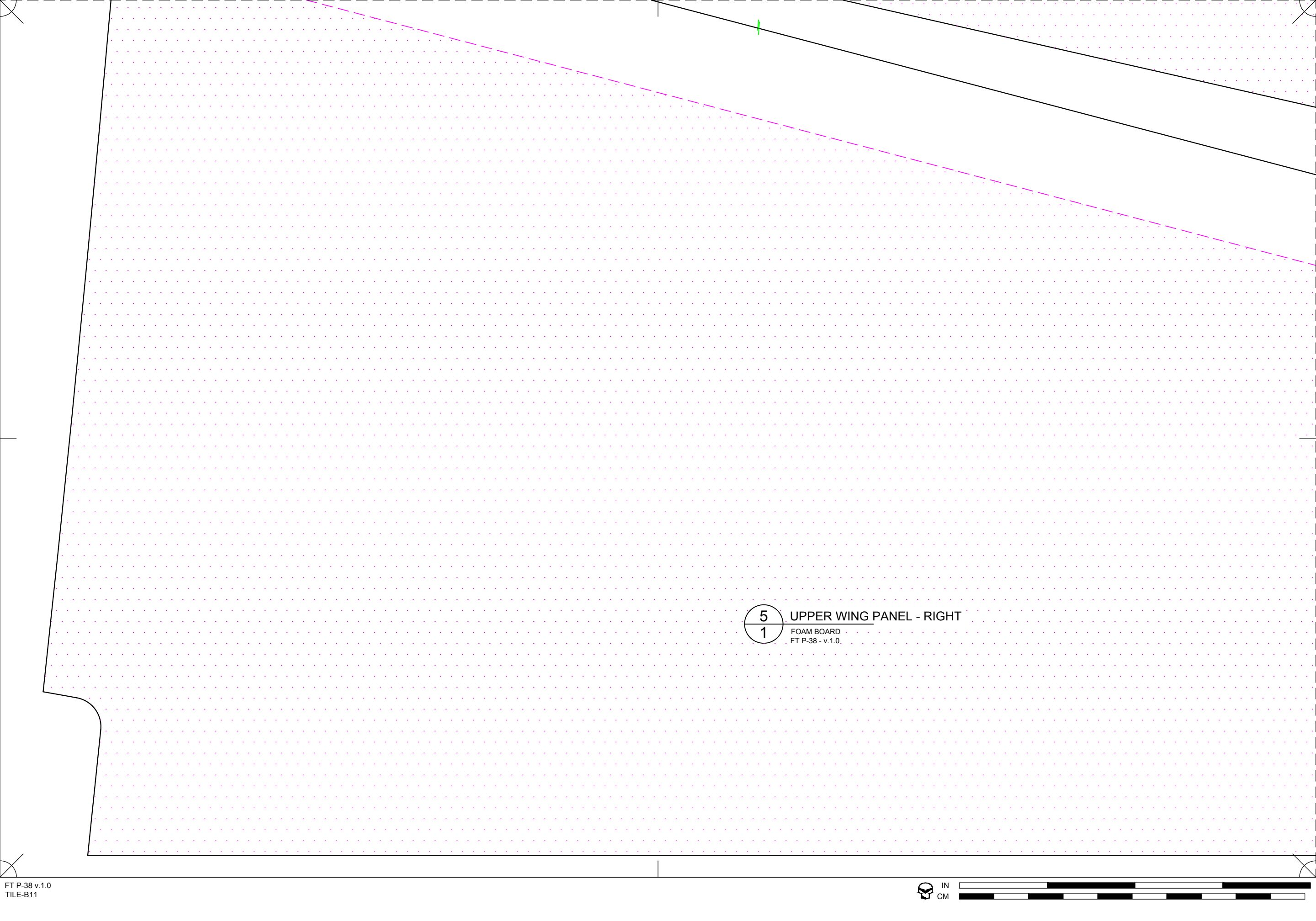
B8



25
1

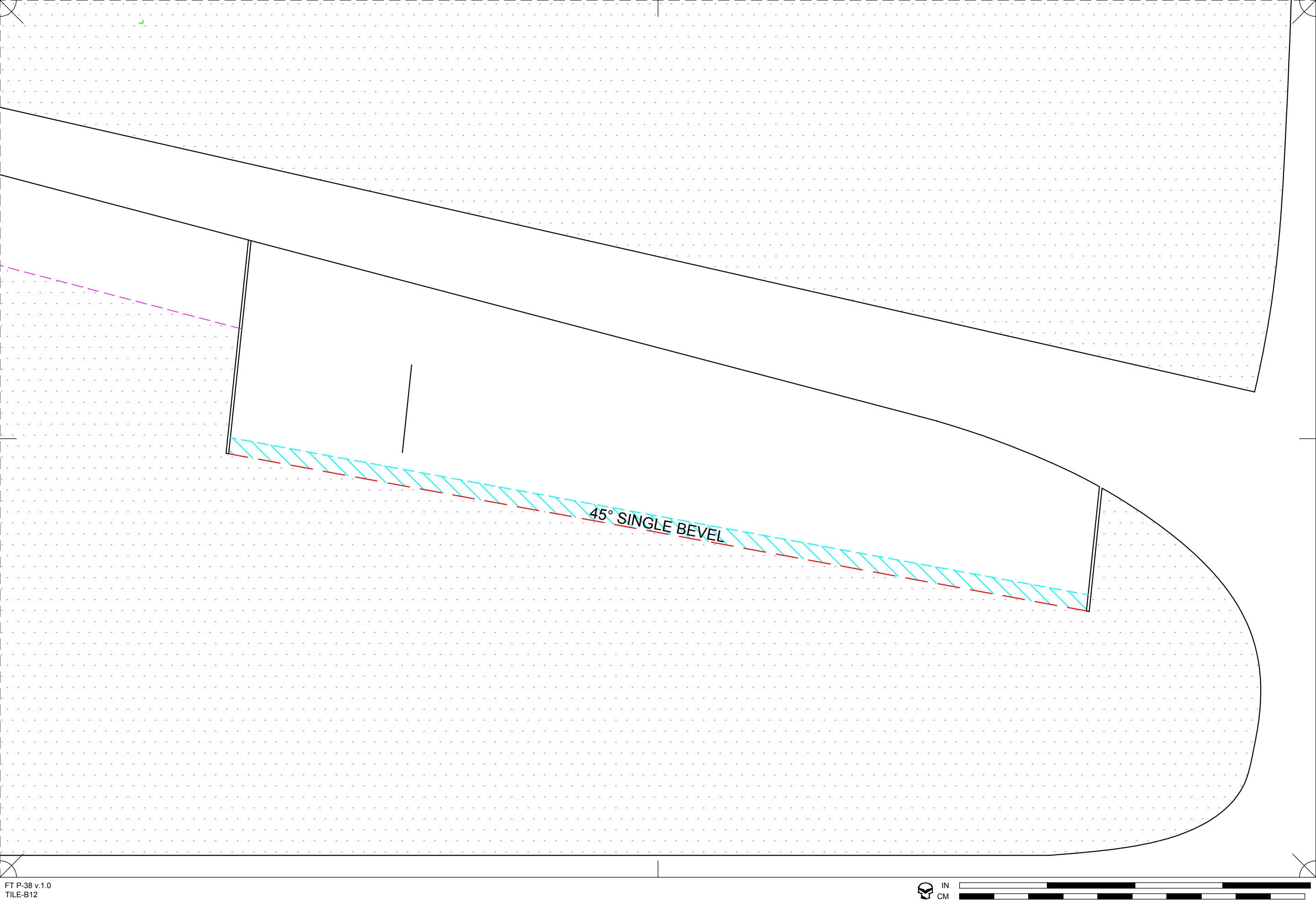
BOOM - RIGHT
FOAM BOARD
FT P-38 - v.1.0



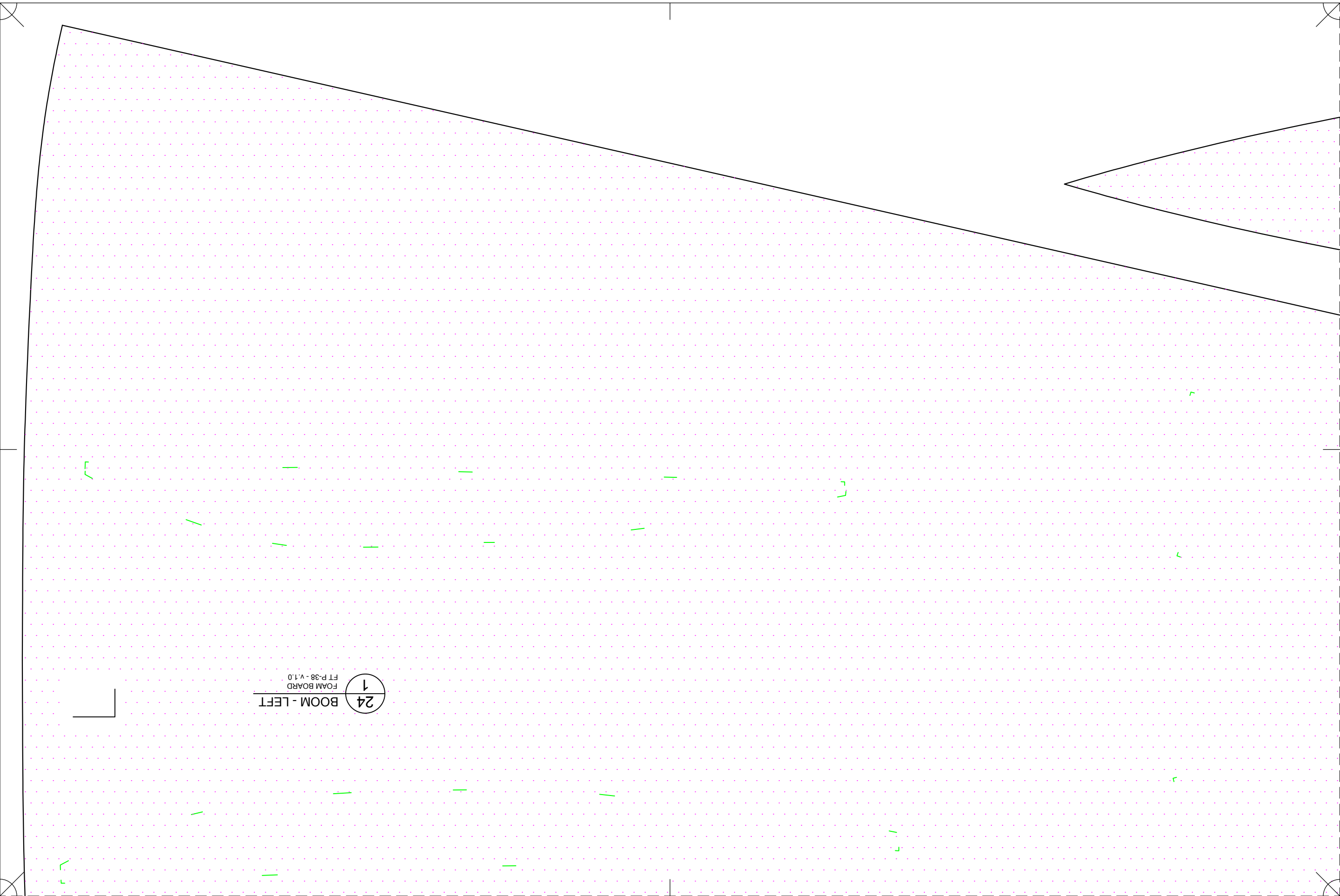


5
1

UPPER WING PANEL - RIGHT
FOAM BOARD
FT P-38 - v.1.0.



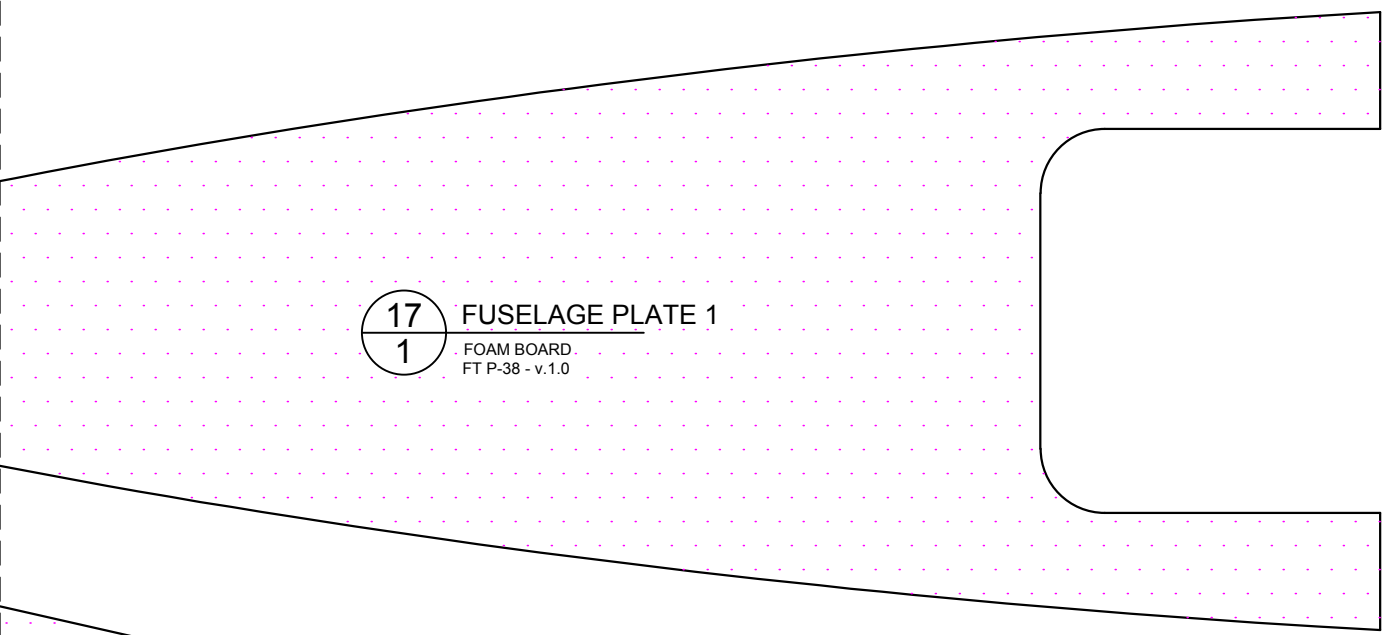
45° SINGLE BEVEL



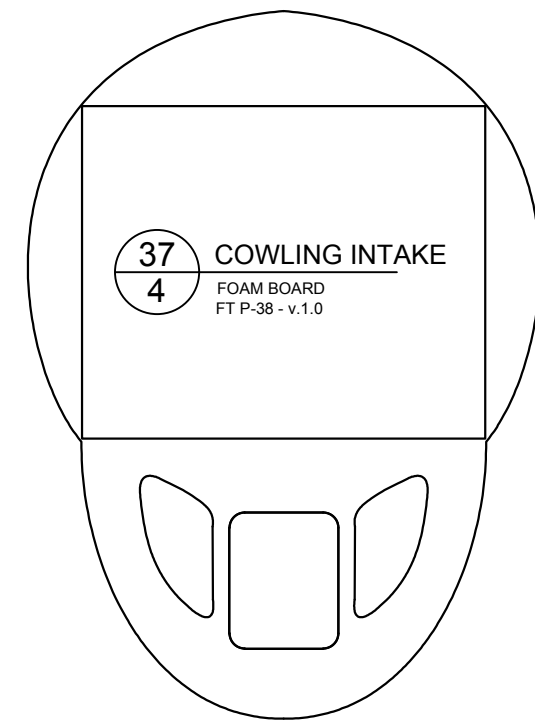
24

BOOM - LEFT

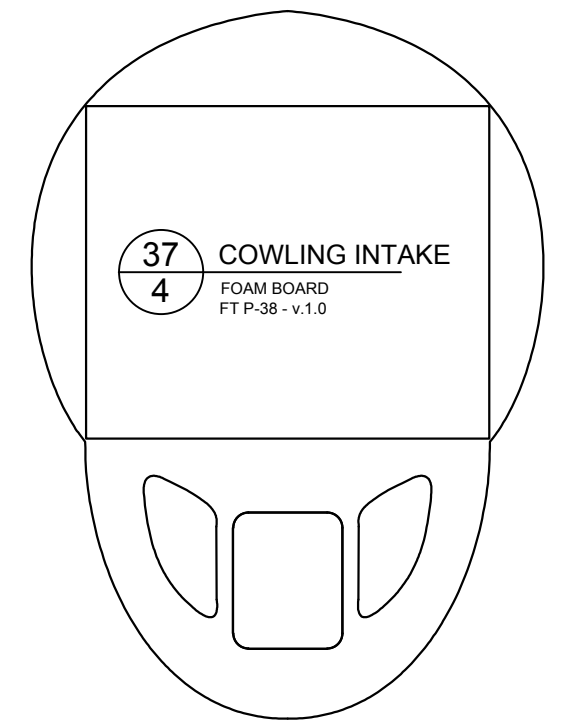
FOAM BOARD
FT P-38 - v.1.0



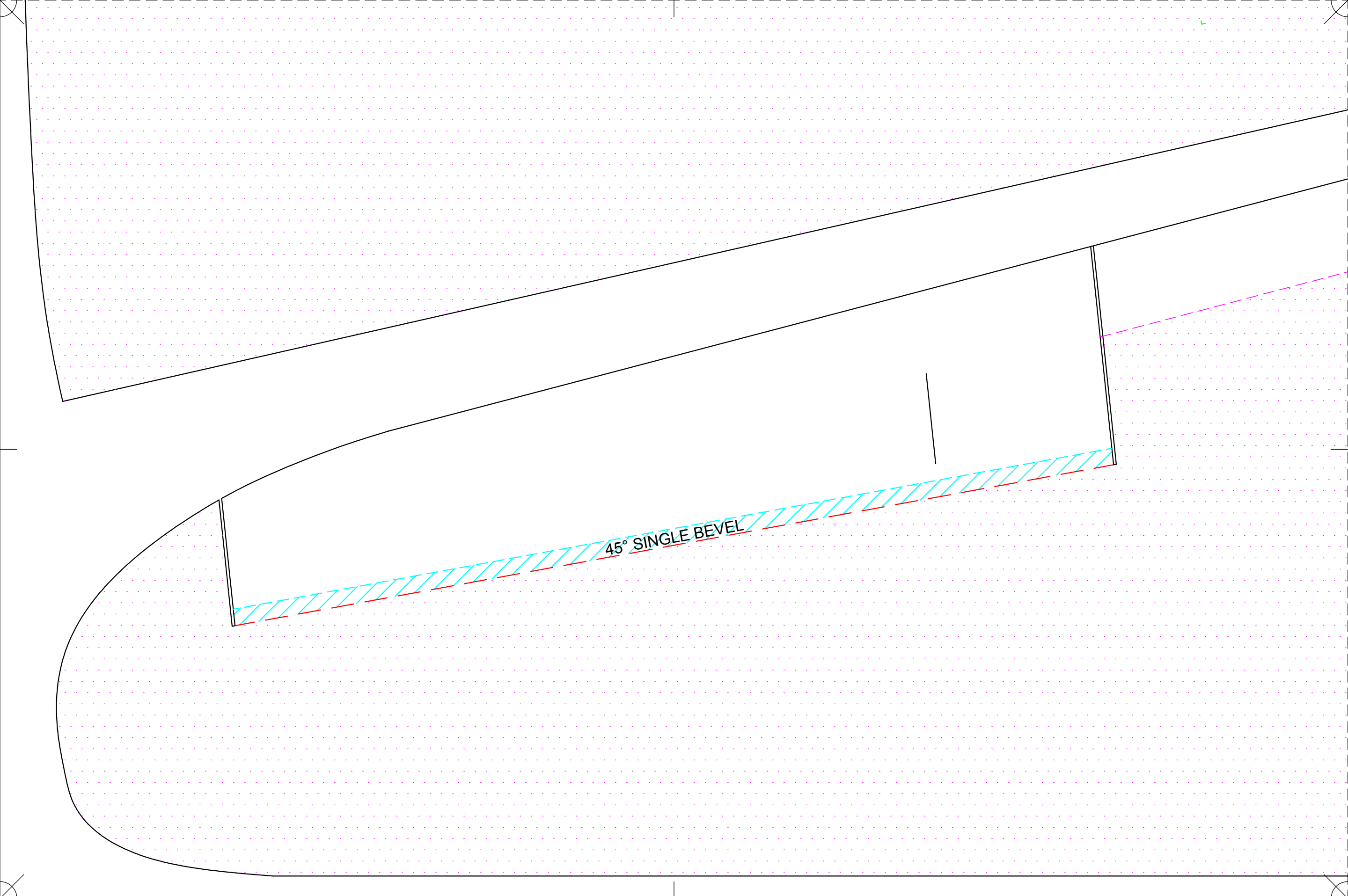
17
1 FUSELAGE PLATE 1
FOAM BOARD
FT P-38 - v.1.0

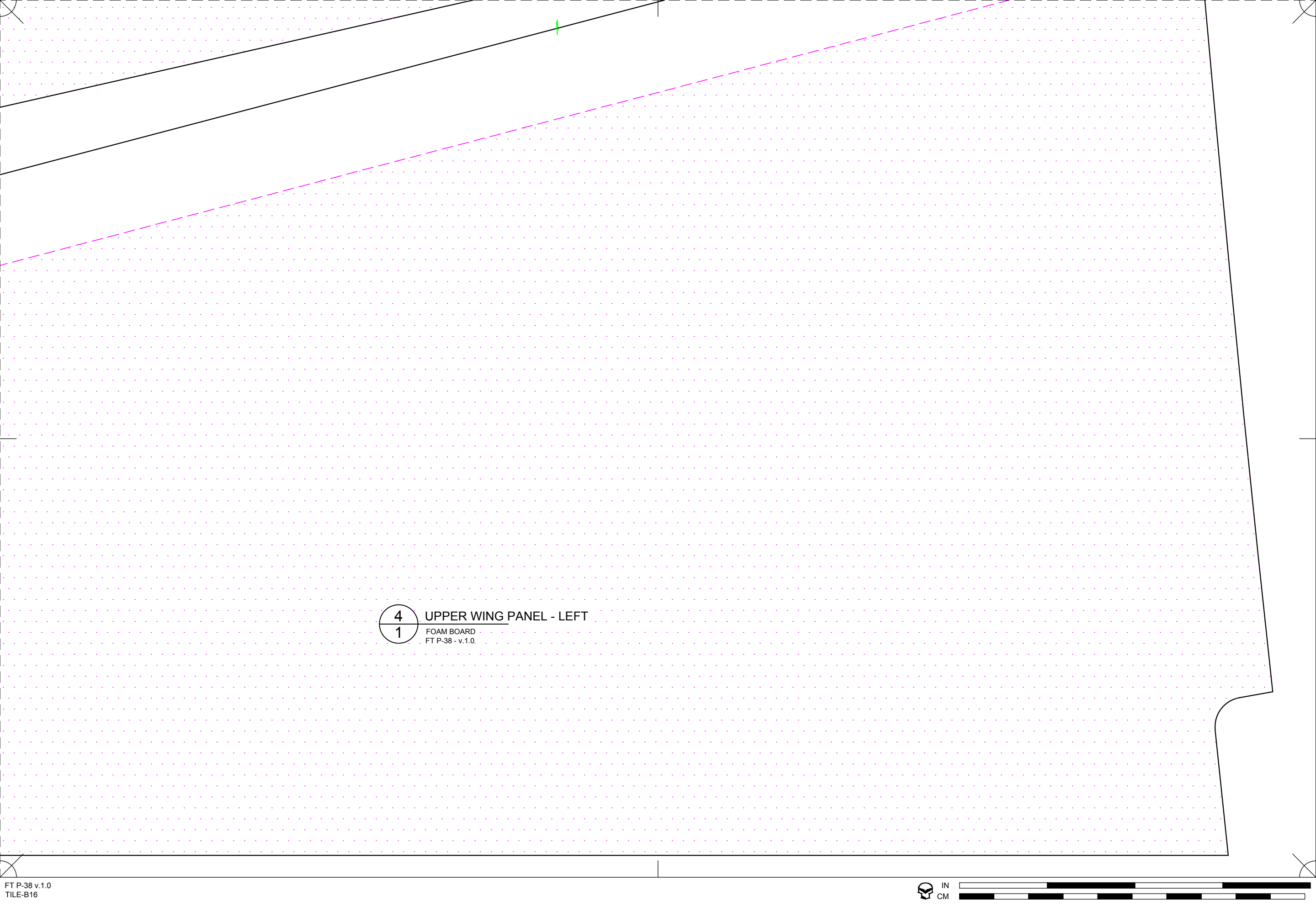


37
4 COWLING INTAKE
FOAM BOARD
FT P-38 - v.1.0



37
4 COWLING INTAKE
FOAM BOARD
FT P-38 - v.1.0





4
1

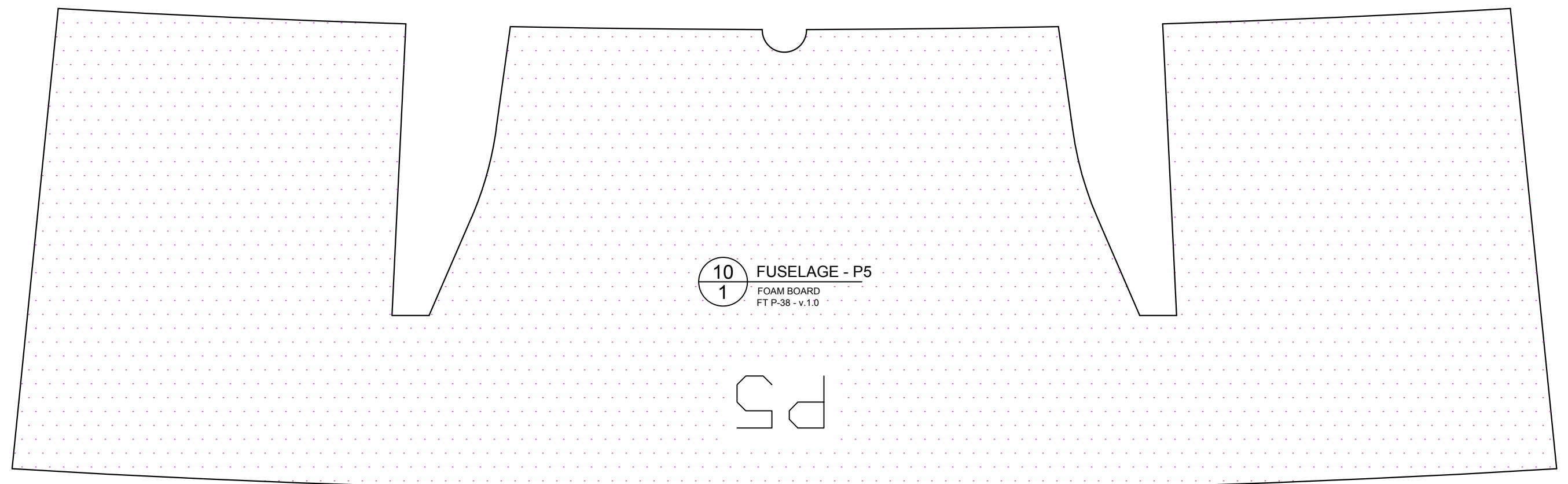
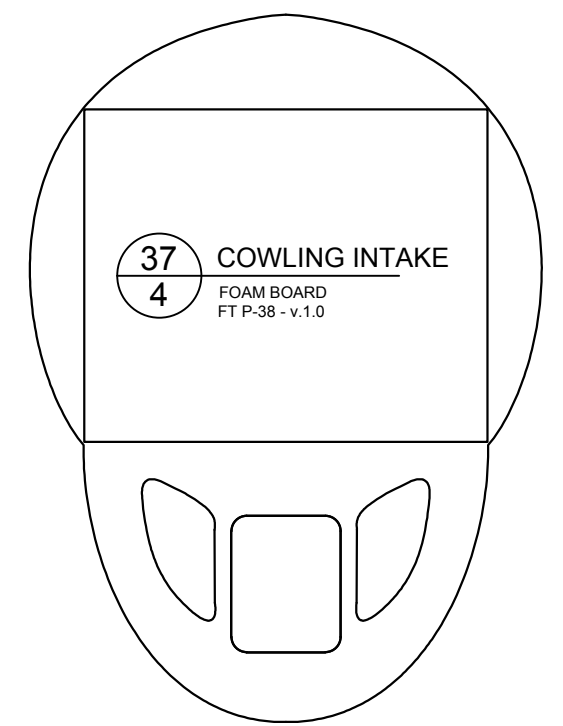
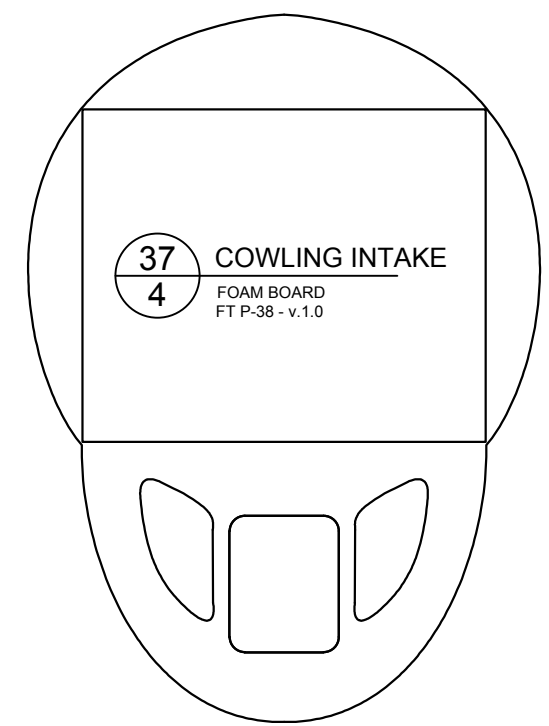
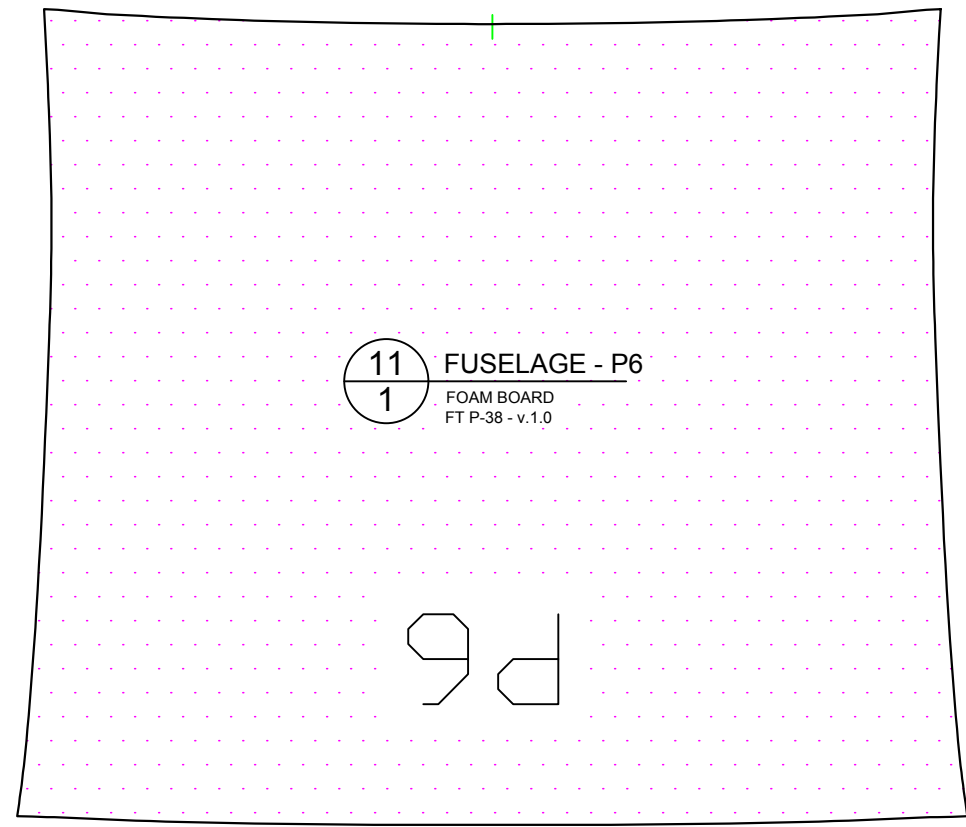
UPPER WING PANEL - LEFT

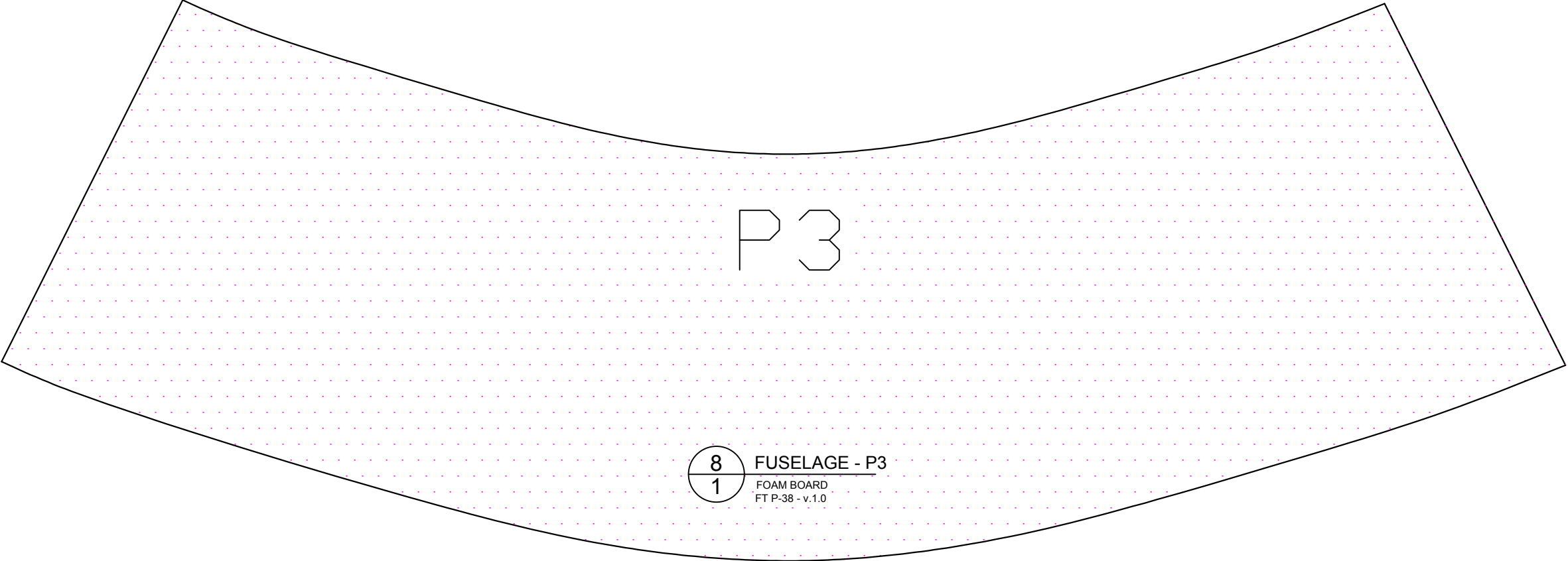
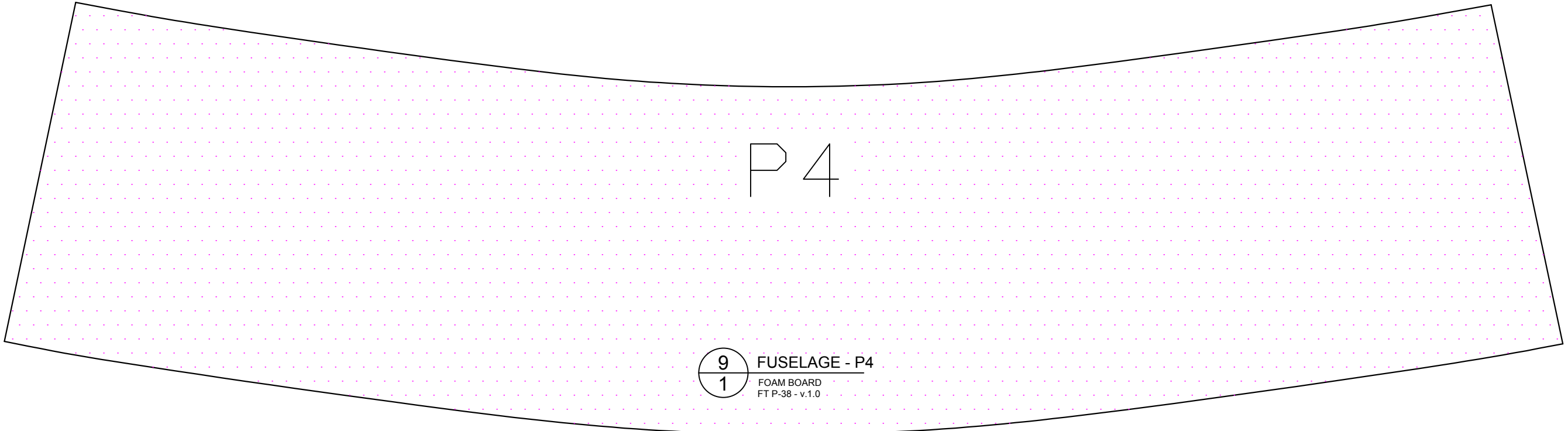
FOAM BOARD
FT P-38 - v.1.0

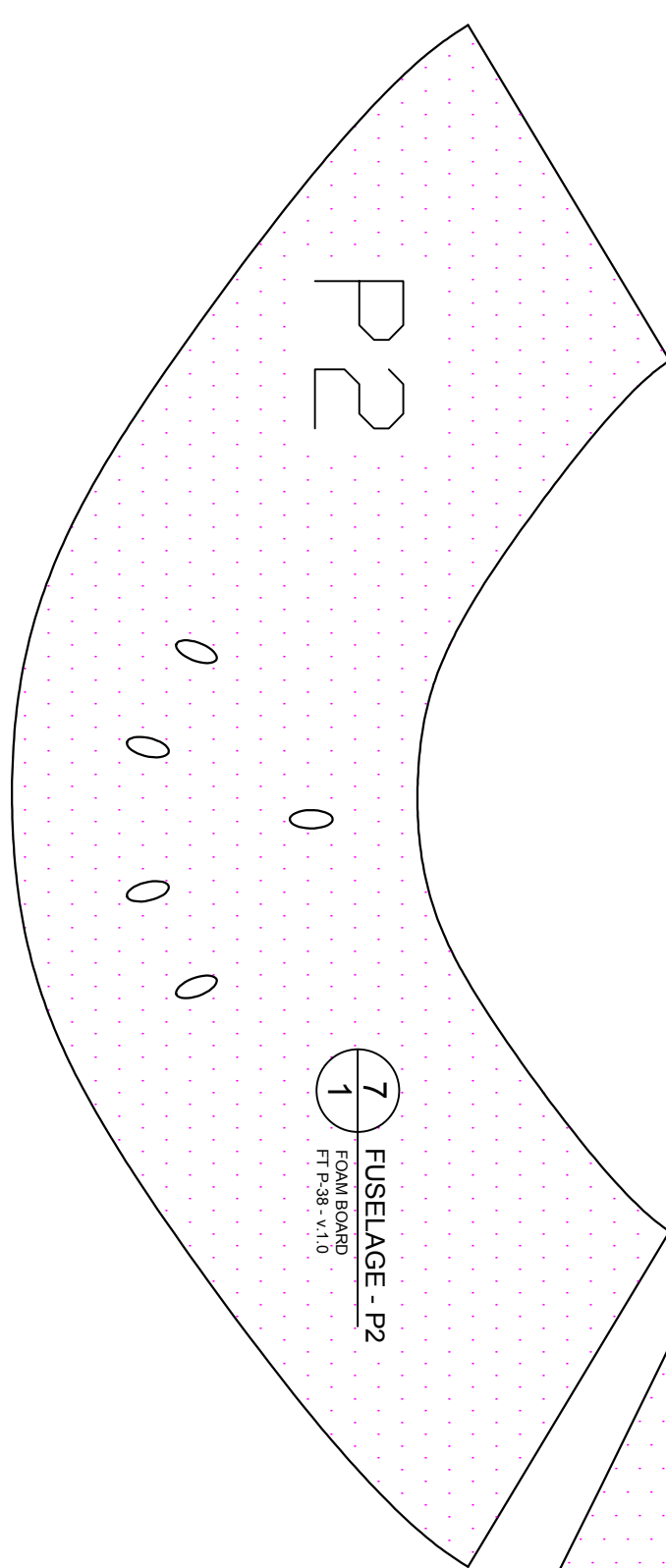


IN
CM

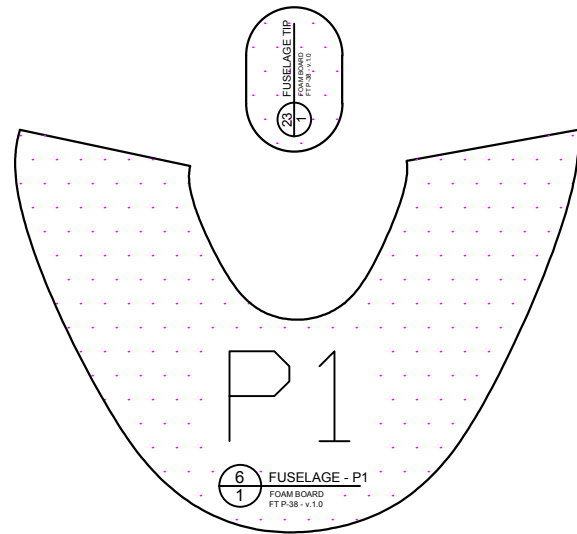








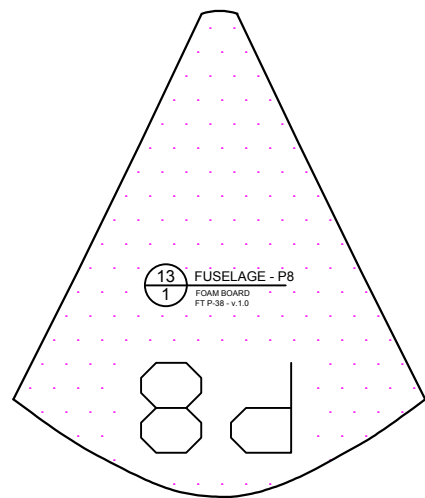
7
1 FUSELAGE - P2
FOAM BOARD
FT P-38 - v.1.0



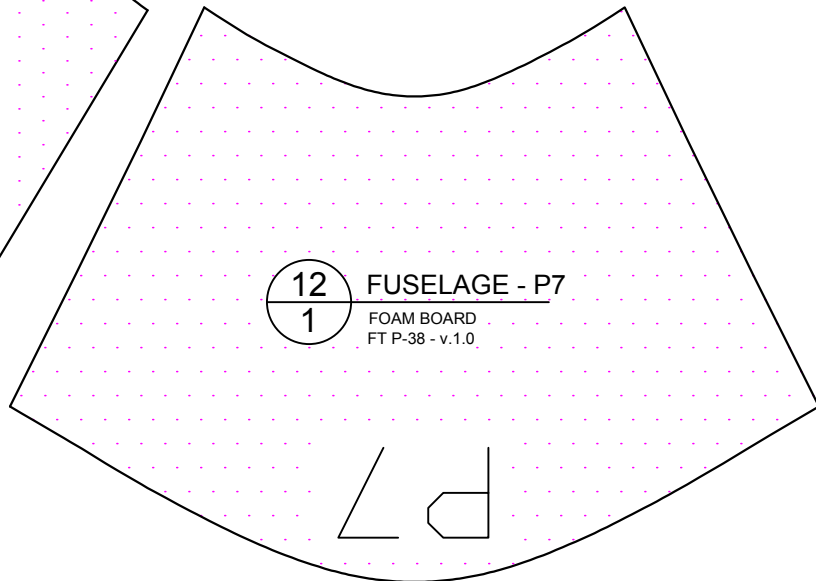
6
1 FUSELAGE - P1
FOAM BOARD
FT P-38 - v.1.0



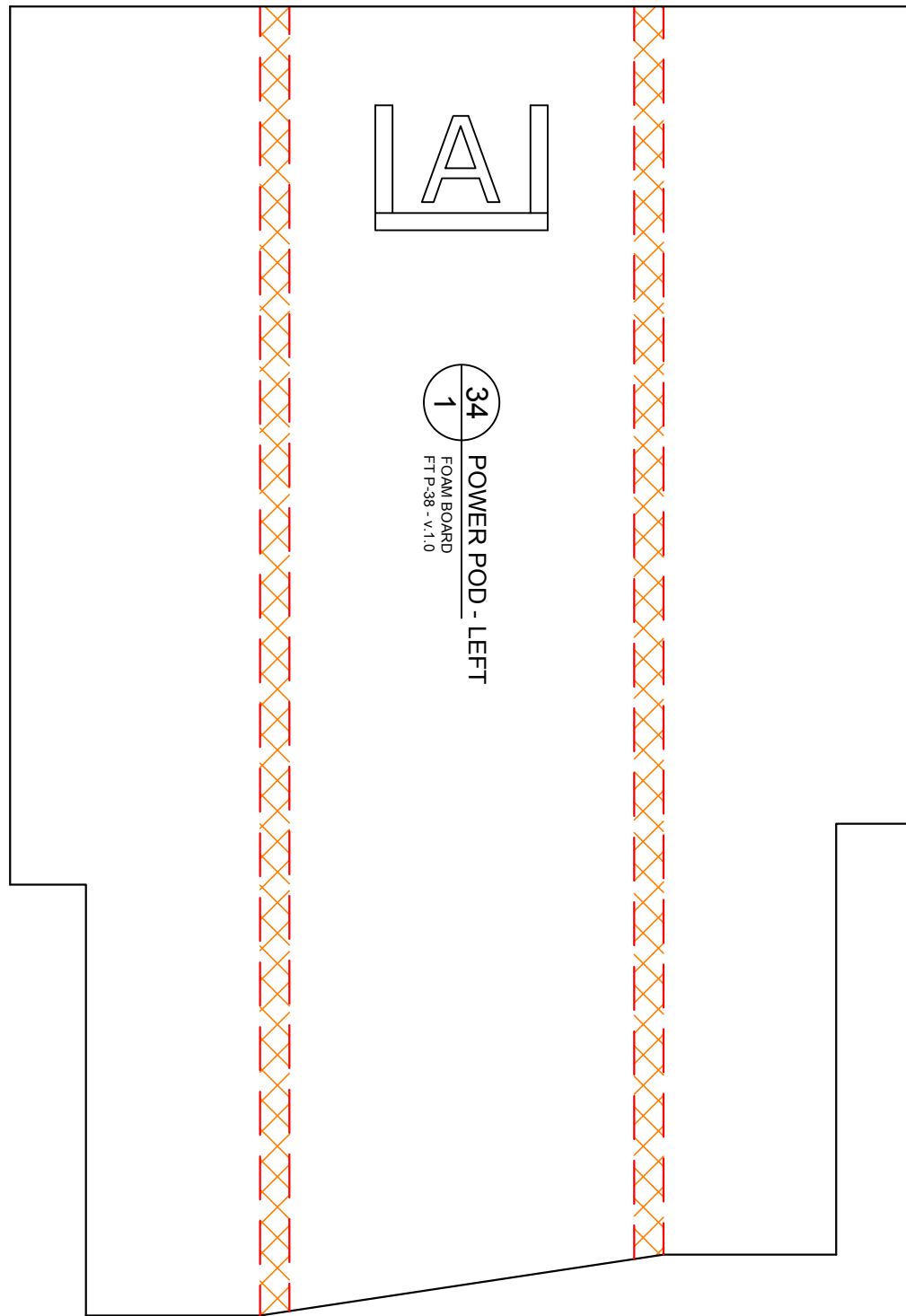
23
1 FUSELAGE TIP
FOAM BOARD
FT P-38 - v.1.0



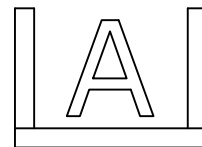
13
1 FUSELAGE - P8
FOAM BOARD
FT P-38 - v.1.0



12
1 FUSELAGE - P7
FOAM BOARD
FT P-38 - v.1.0



34
1 POWER POD - LEFT
FOAM BOARD
FT P-38 - v.1.0

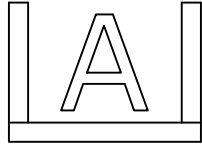




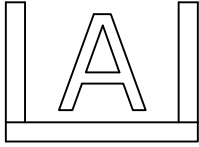
IN
CM



22 BATTERY BOX
FOAM BOARD
FT P-38 - v.1.0

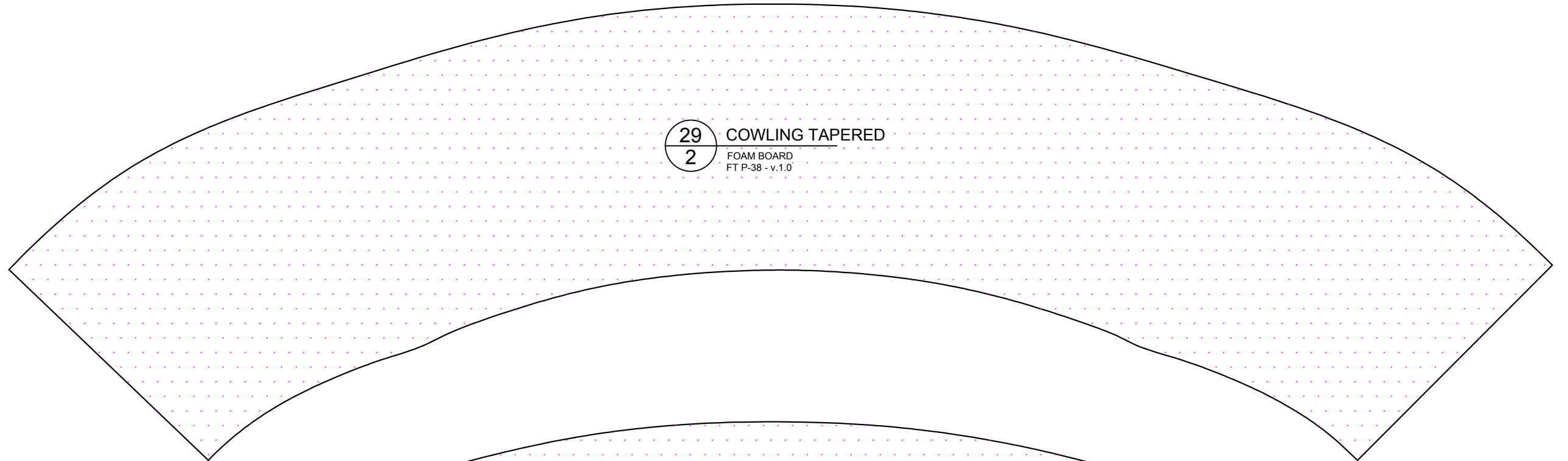


35 POWER POD - RIGHT
FOAM BOARD
FT P-38 - v.1.0

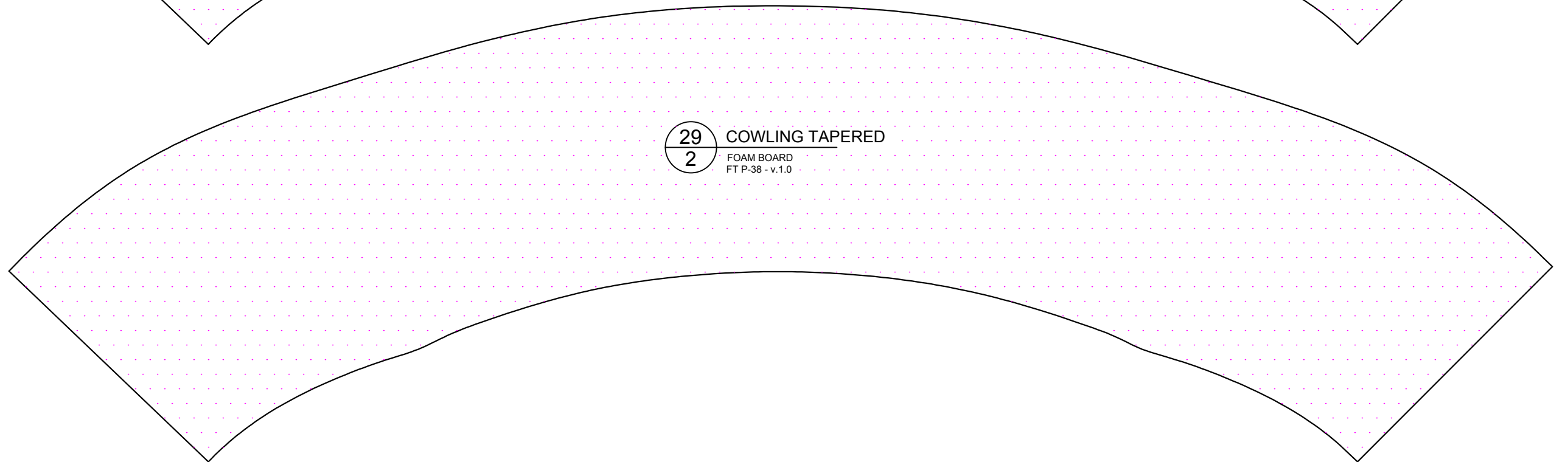


1

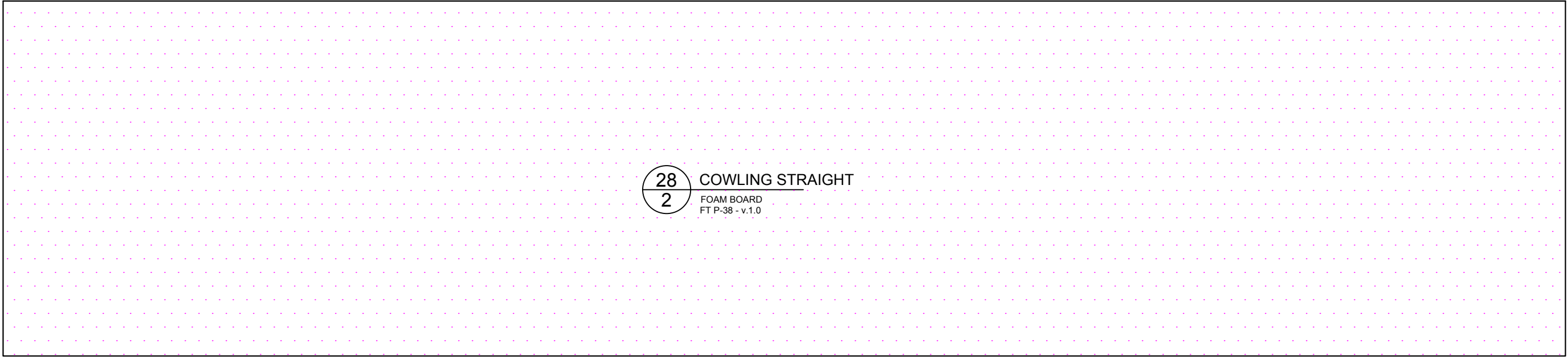
POWER POD - RIGHT
FOAM BOARD
FT P-38 - v.1.0



29
2 COWLING TAPERED
FOAM BOARD
FT P-38 - v.1.0



29
2 COWLING TAPERED
FOAM BOARD
FT P-38 - v.1.0

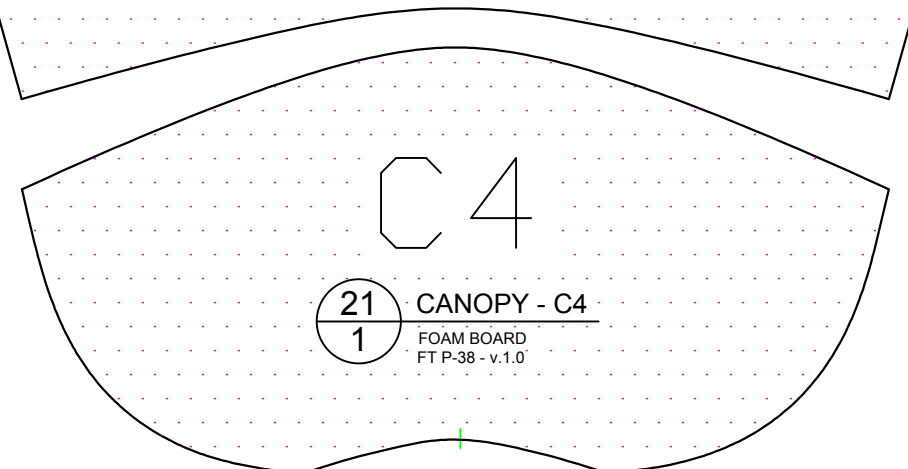
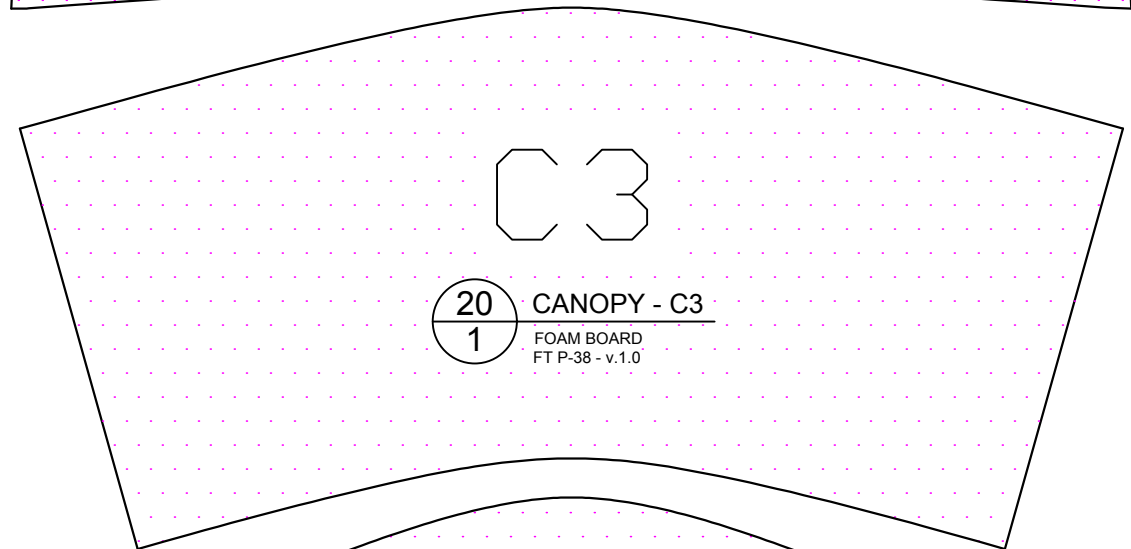
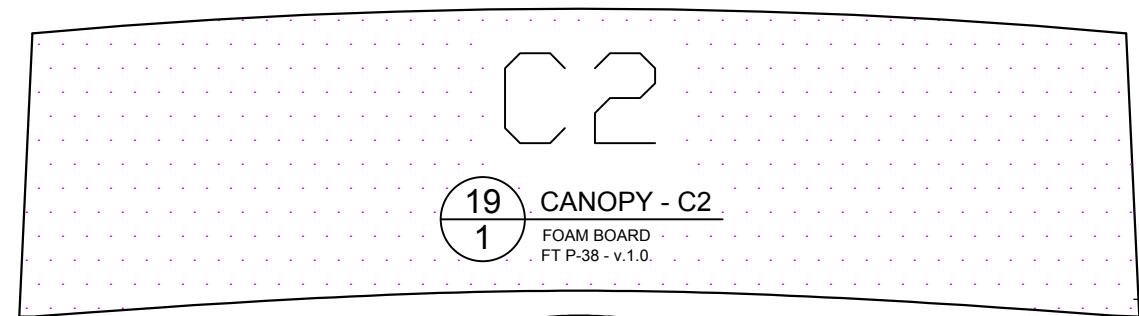
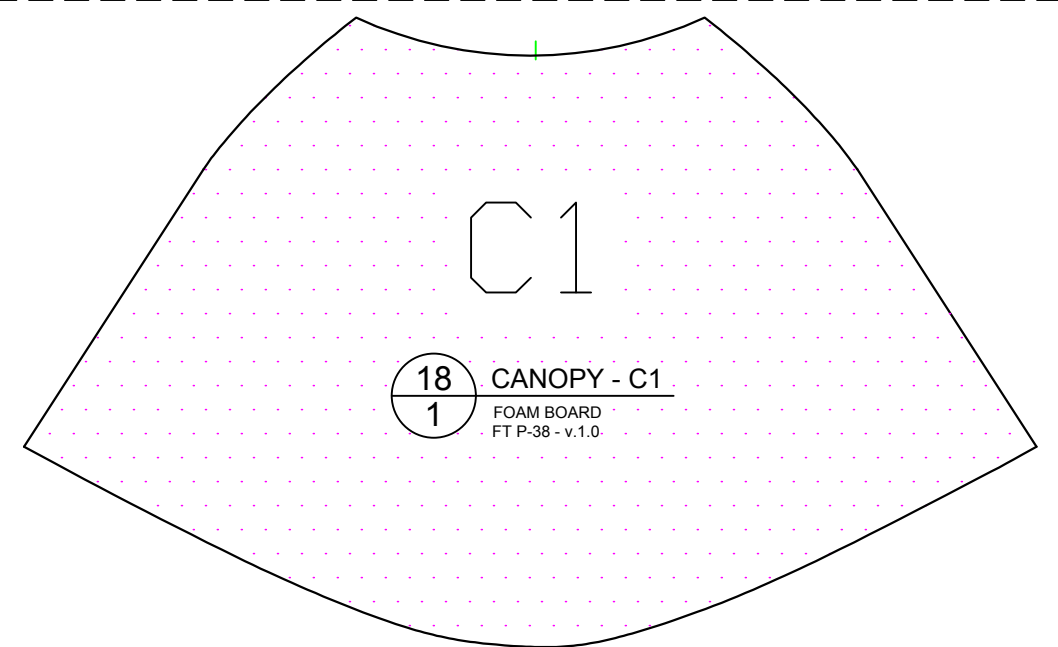
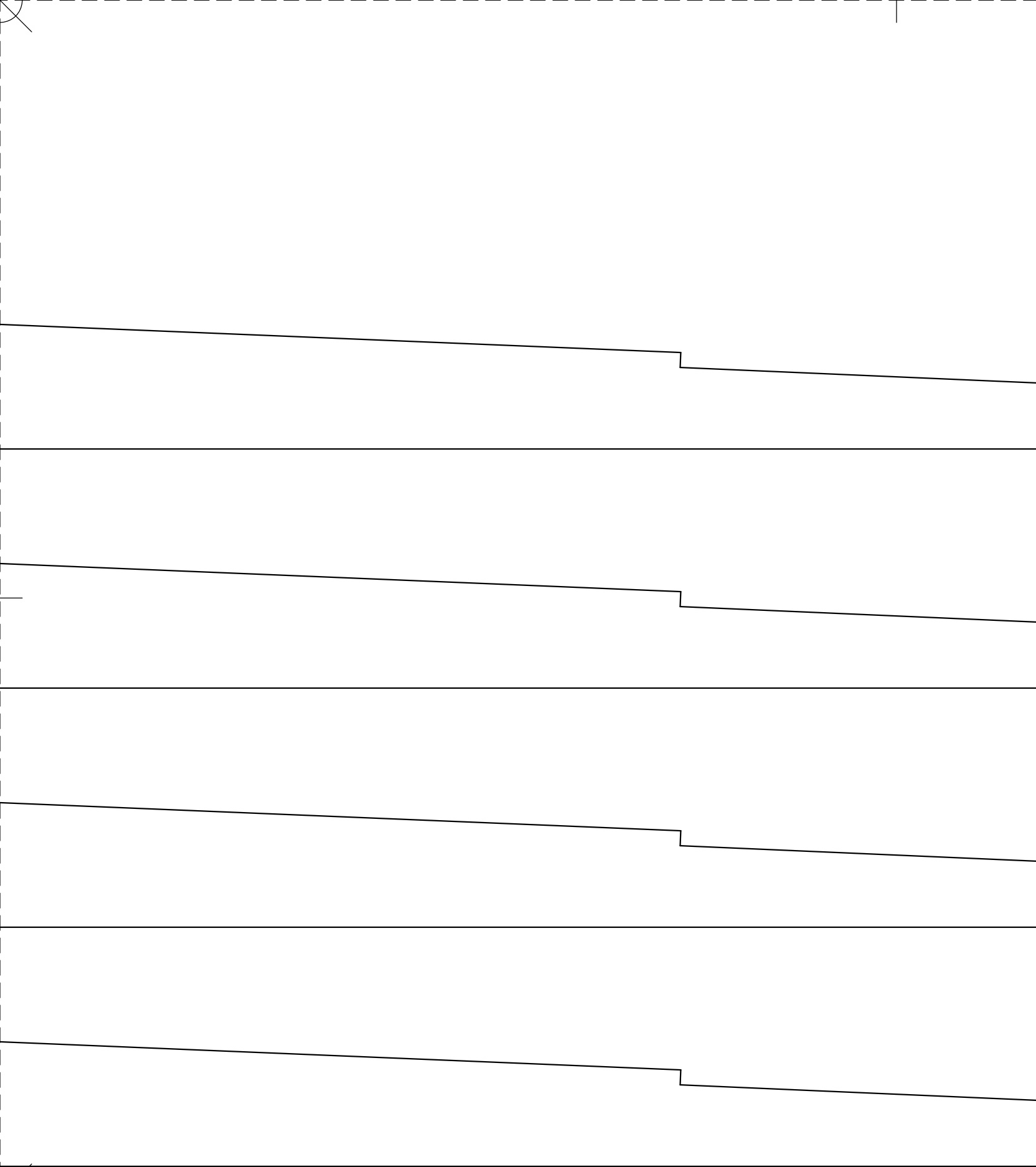


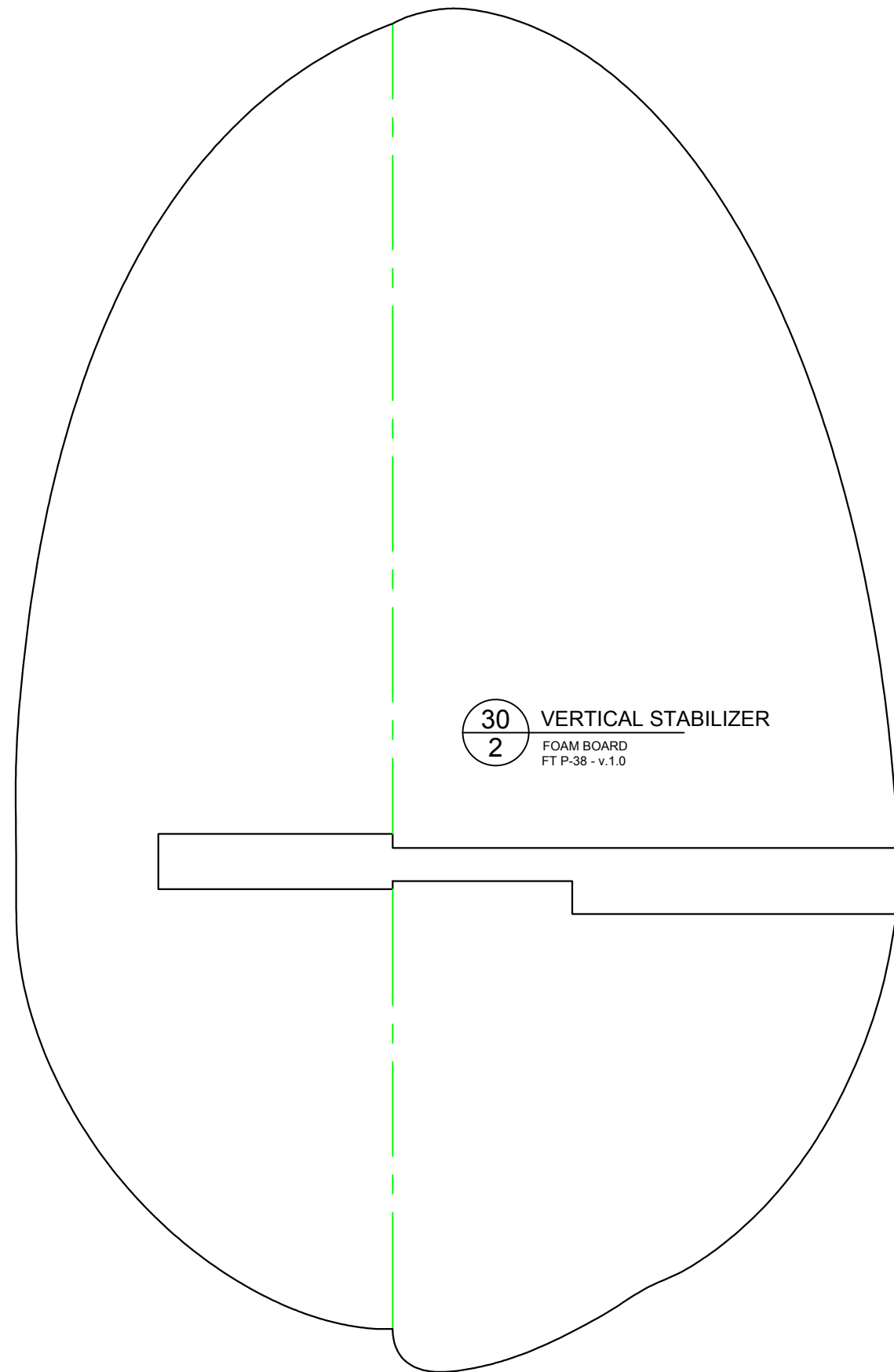
36
4 BOOM REINFORCEMENT
FOAM BOARD
FT P-38 - v.1.0

36
4 BOOM REINFORCEMENT
FOAM BOARD
FT P-38 - v.1.0

36
4 BOOM REINFORCEMENT
FOAM BOARD
FT P-38 - v.1.0

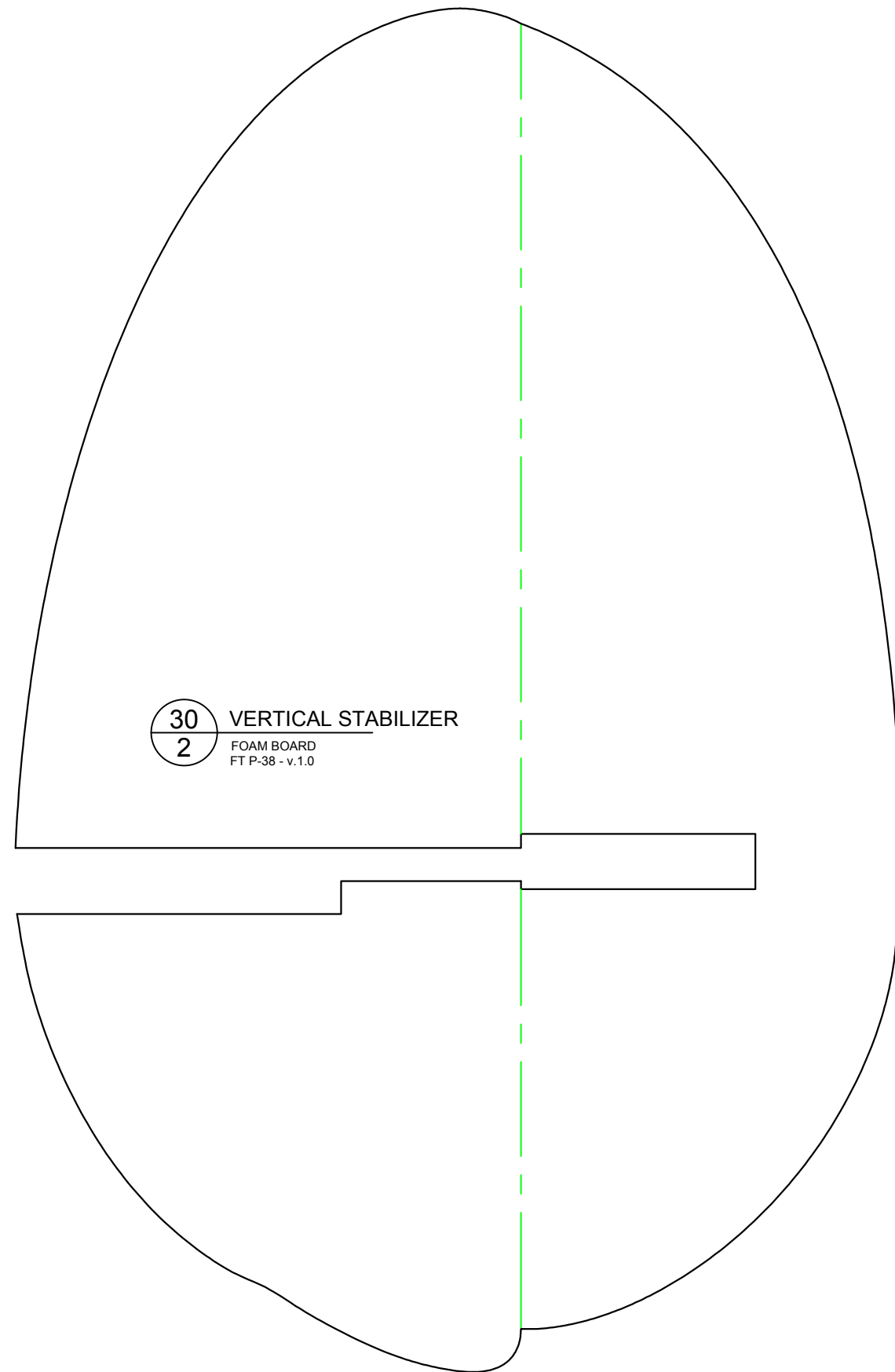
36
4 BOOM REINFORCEMENT
FOAM BOARD
FT P-38 - v.1.0





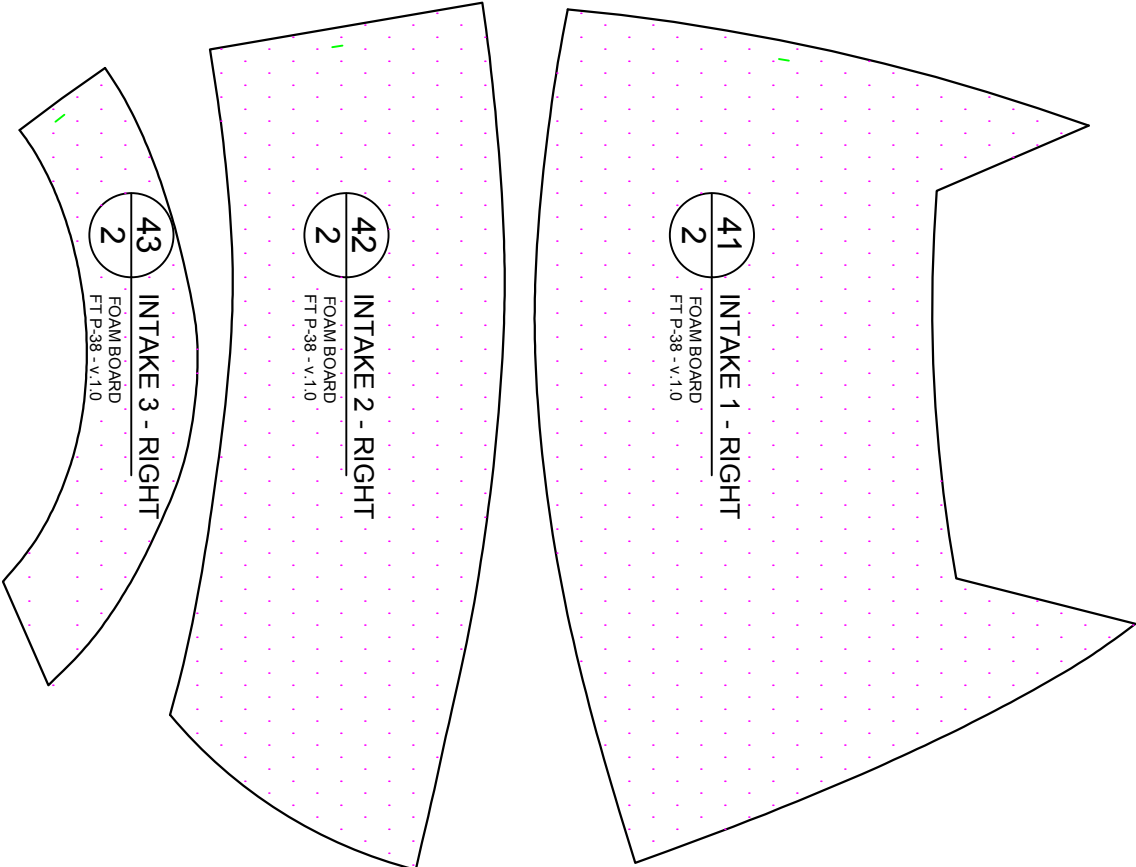
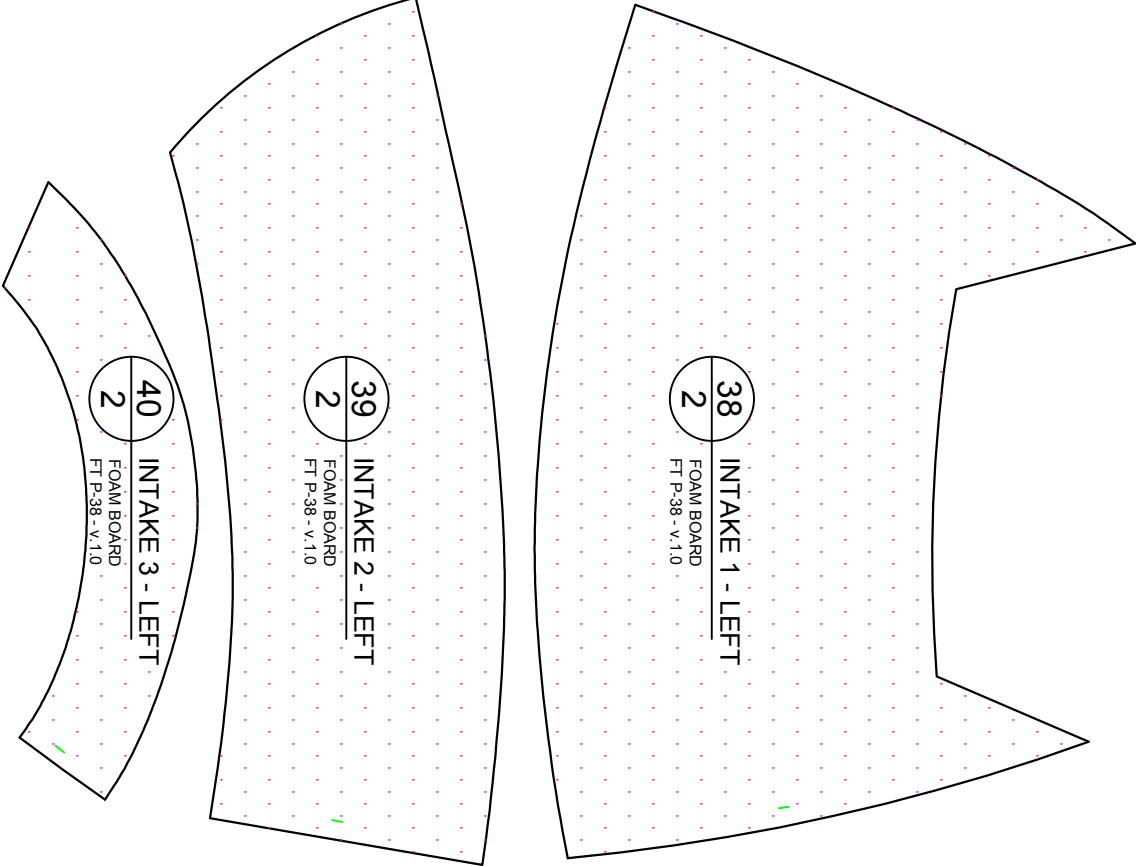
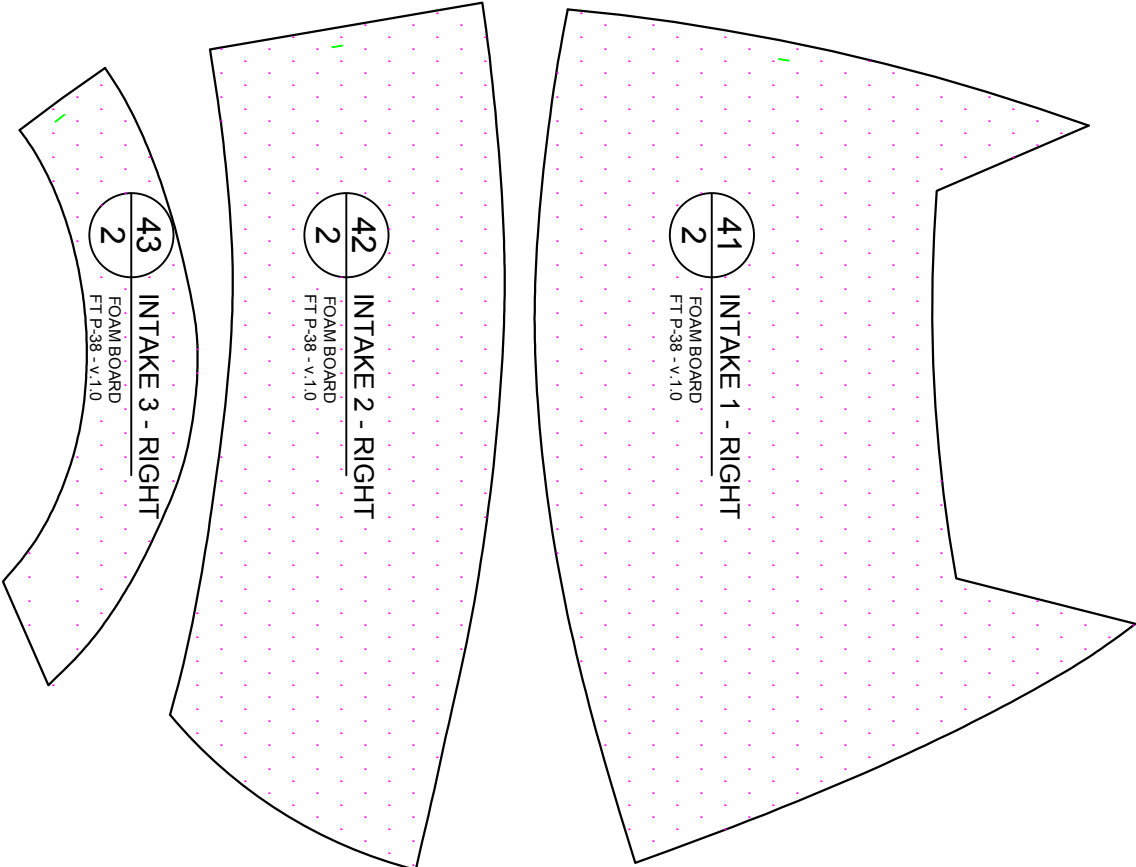
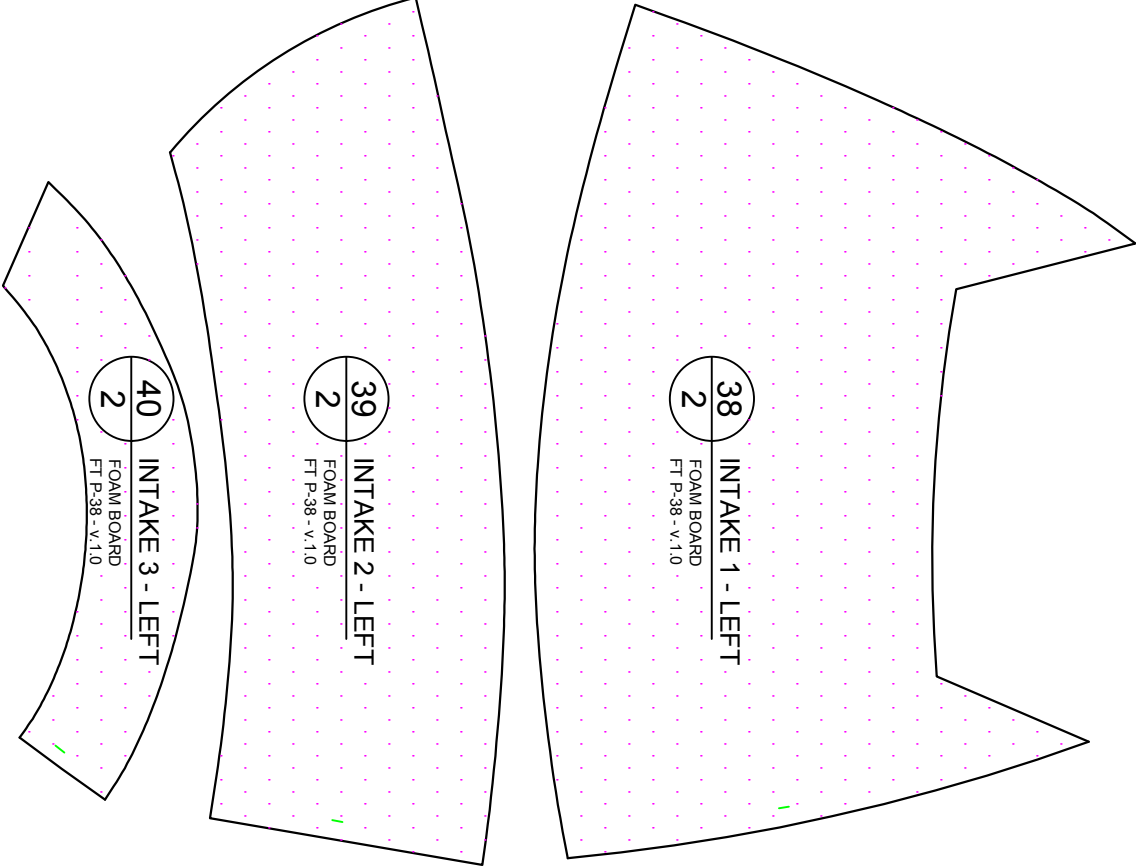
30
2

VERTICAL STABILIZER
FOAM BOARD
FT P-38 - v.1.0

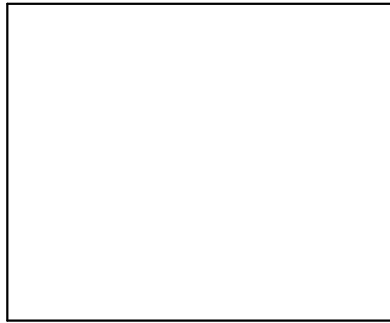


30
2

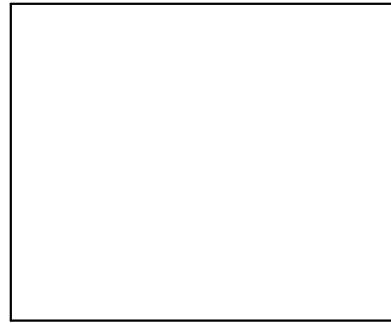
VERTICAL STABILIZER
FOAM BOARD
FT P-38 - v.1.0



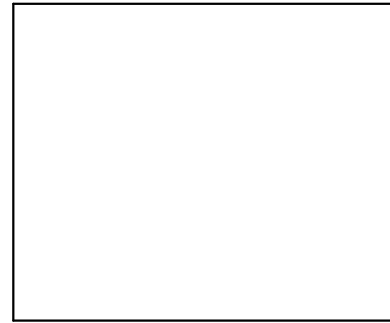
27 BOOM FORMER
12 FOAM BOARD
FT P-38 - v.1.0



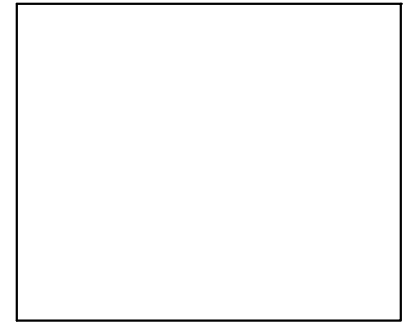
27 BOOM FORMER
12 FOAM BOARD
FT P-38 - v.1.0



27 BOOM FORMER
12 FOAM BOARD
FT P-38 - v.1.0



27 BOOM FORMER
12 FOAM BOARD
FT P-38 - v.1.0



27 BOOM FORMER
12 FOAM BOARD
FT P-38 - v.1.0



27 BOOM FORMER
12 FOAM BOARD
FT P-38 - v.1.0

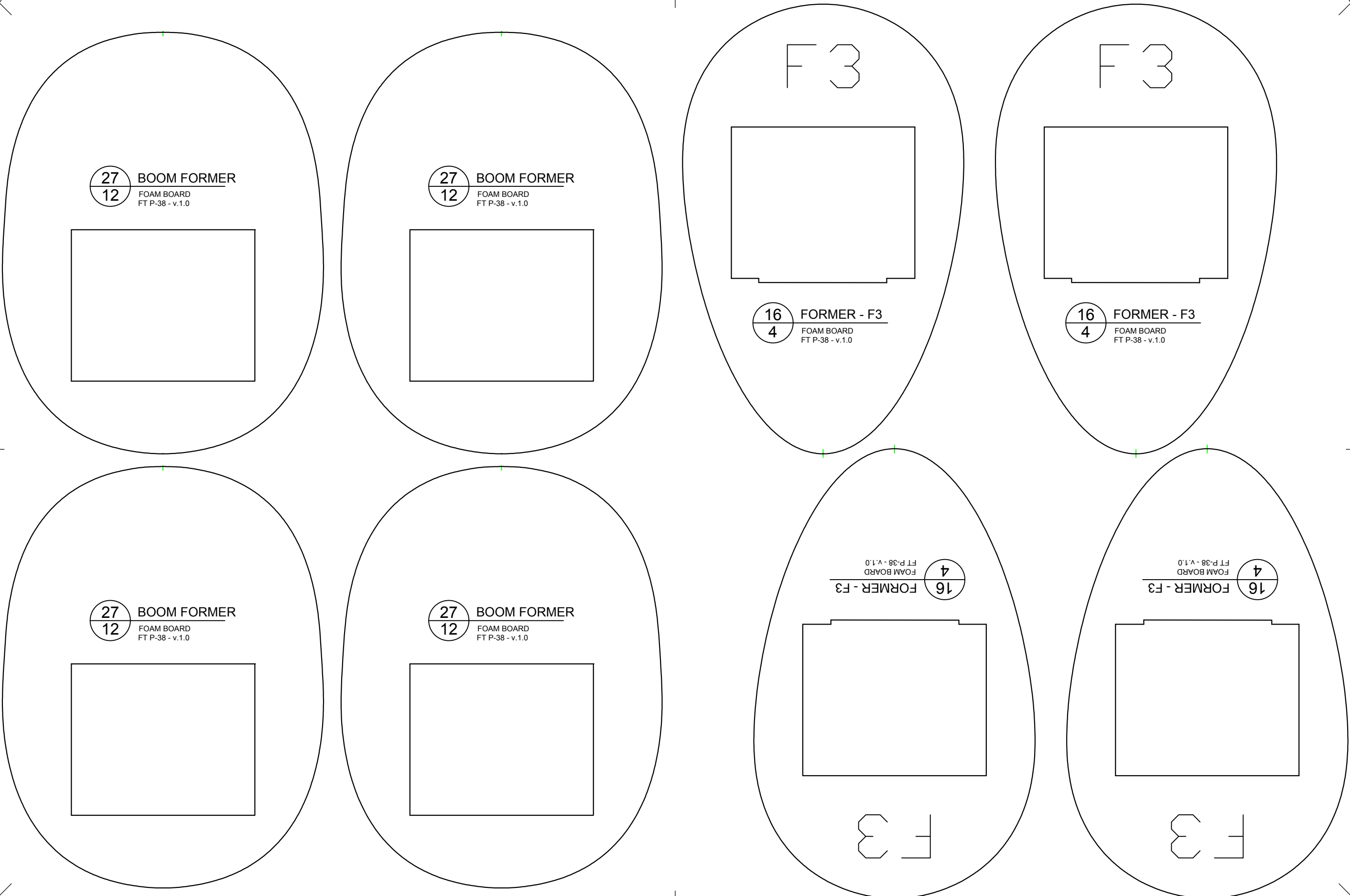


27 BOOM FORMER
12 FOAM BOARD
FT P-38 - v.1.0



27 BOOM FORMER
12 FOAM BOARD
FT P-38 - v.1.0





27
12

BOOM FORMER

FOAM BOARD
FT P-38 - v.1.0

27
12

BOOM FORMER

FOAM BOARD
FT P-38 - v.1.0

16
4

FORMER - F3

FOAM BOARD
FT P-38 - v.1.0

16
4

FORMER - F3

FOAM BOARD
FT P-38 - v.1.0

27
12

BOOM FORMER

FOAM BOARD
FT P-38 - v.1.0

27
12

BOOM FORMER

FOAM BOARD
FT P-38 - v.1.0

16
4

FORMER - F3

FOAM BOARD
FT P-38 - v.1.0

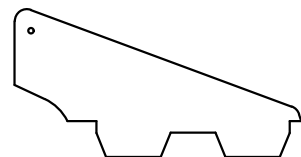
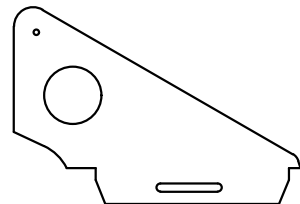
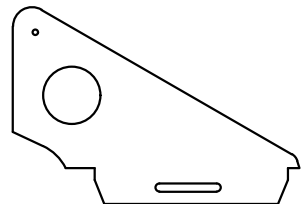
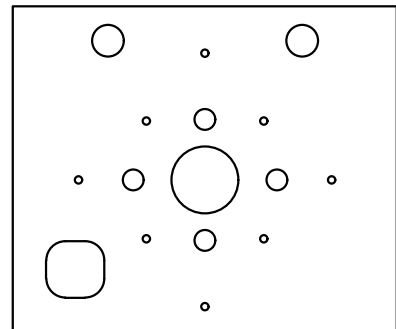
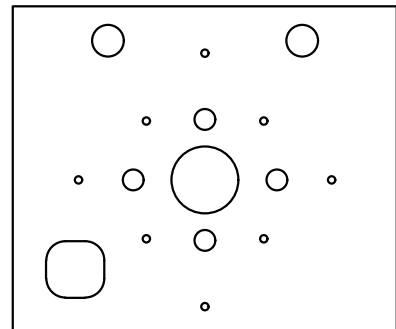
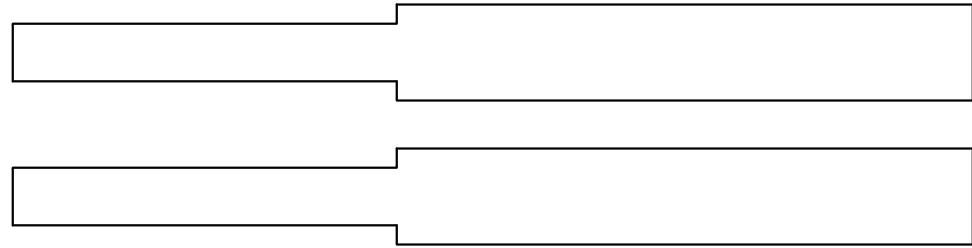
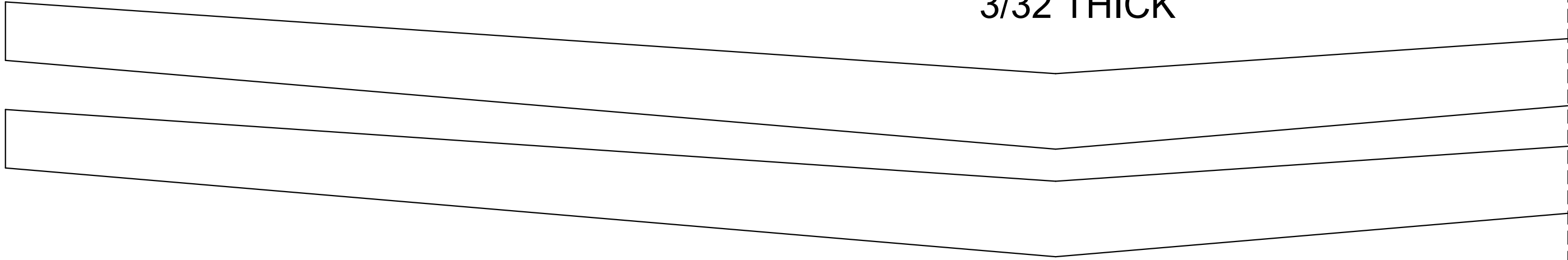
16
4

FORMER - F3

FOAM BOARD
FT P-38 - v.1.0



ALL PLYWOOD
3/32 THICK





IN
CM

