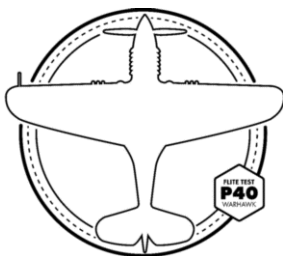




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FT P-40

Designed By: Andres Lu
Drawing By: Dan Sponholz
Version: 1.0
Date: 2019.04.24

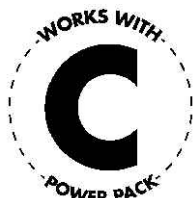


GENERAL SPECIFICATIONS:

LENGTH:	32.0 in	813 mm
CG:	2.0 in	50.8 mm
WINGSPAN:	41.50 in	1054 mm
WING AREA:	296.7 in ²	19.1 dm ²
DRY WEIGHT:	16.5 oz.	468 g
ALL UP WEIGHT:	19.7 oz.	558 g
WING LOADING:	9.56 oz/ft ²	29.2 g/dm ²
WCL:	6.7	
THROWS:	12°	
EXPO:	30%	
CHANNELS:	4 [THR AIL ELE RUD]	

RECOMMENDED ELECTRONICS:

MOTOR:	2218B 1080 kv
PROPELLER:	10 x 4.7
ESC:	35A min.
SERVOS:	4 x 9 g
BATTERY:	2200 mAh 3S



BUILD SKILL LEVEL:

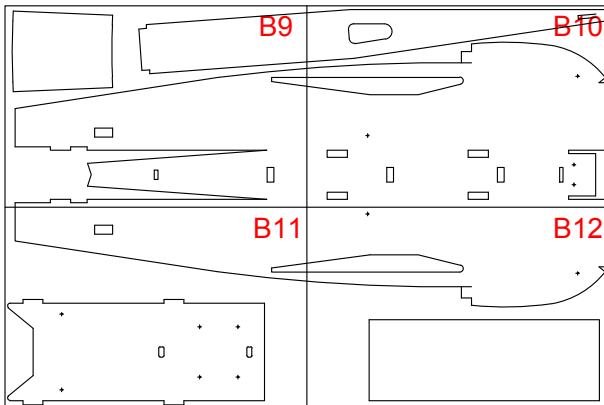
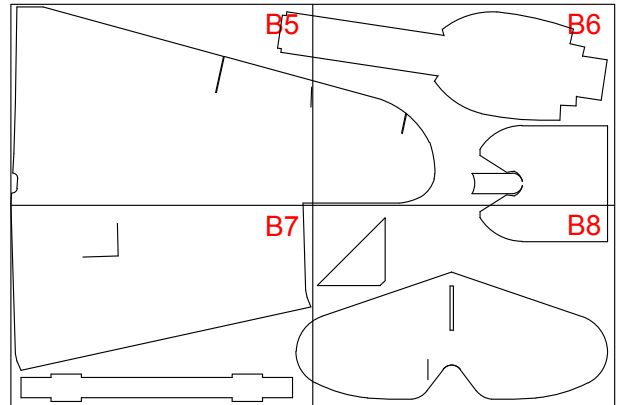
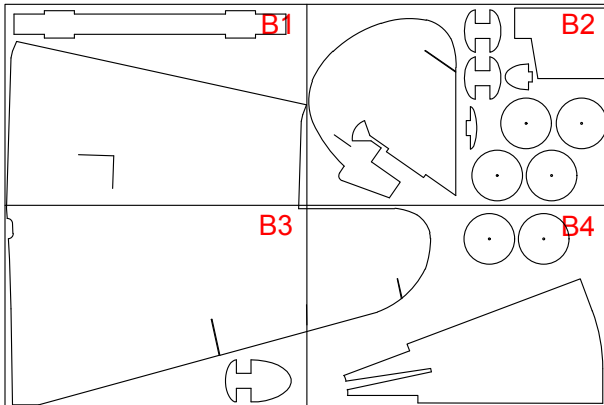


PILOT SKILL LEVEL:





FT P-40: Tile B Key

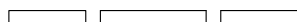
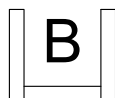
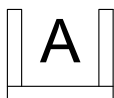




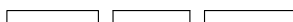
Drawing Key



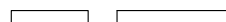
FOLD TYPES



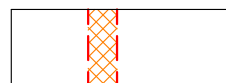
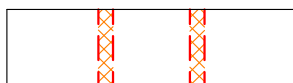
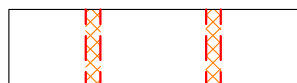
A - FOLD (ABOVE)



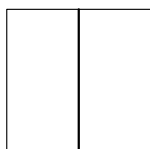
B - FOLD (BESIDE)



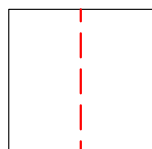
C - FOLD (COVER)



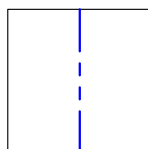
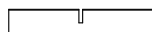
LINE TYPE/COLOR



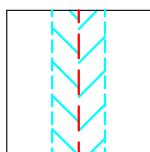
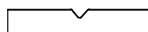
CUT



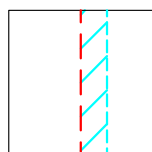
50% SCORE



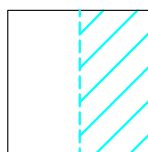
CREASE



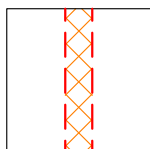
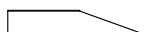
45° DOUBLE
BEVEL



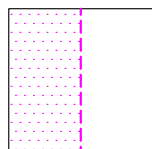
45° SINGLE
BEVEL



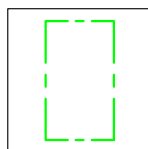
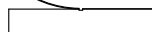
EDGE
BEVEL



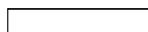
CAVITY



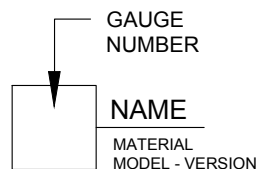
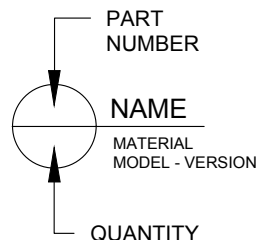
REMOVE
PAPER



REFERENCE/
OPTIONAL



SYMBOLS



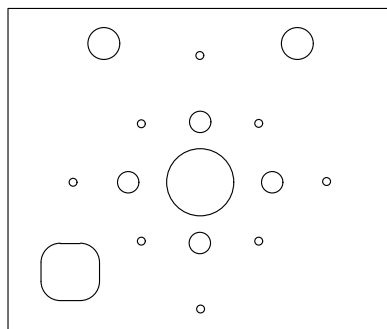
CENTER
OF
GRAVITY
(CG)



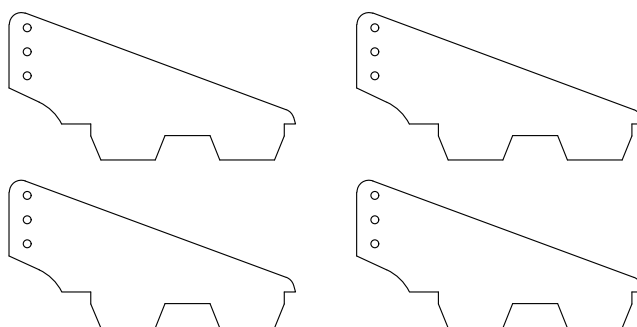
FT P-40: Wood Parts



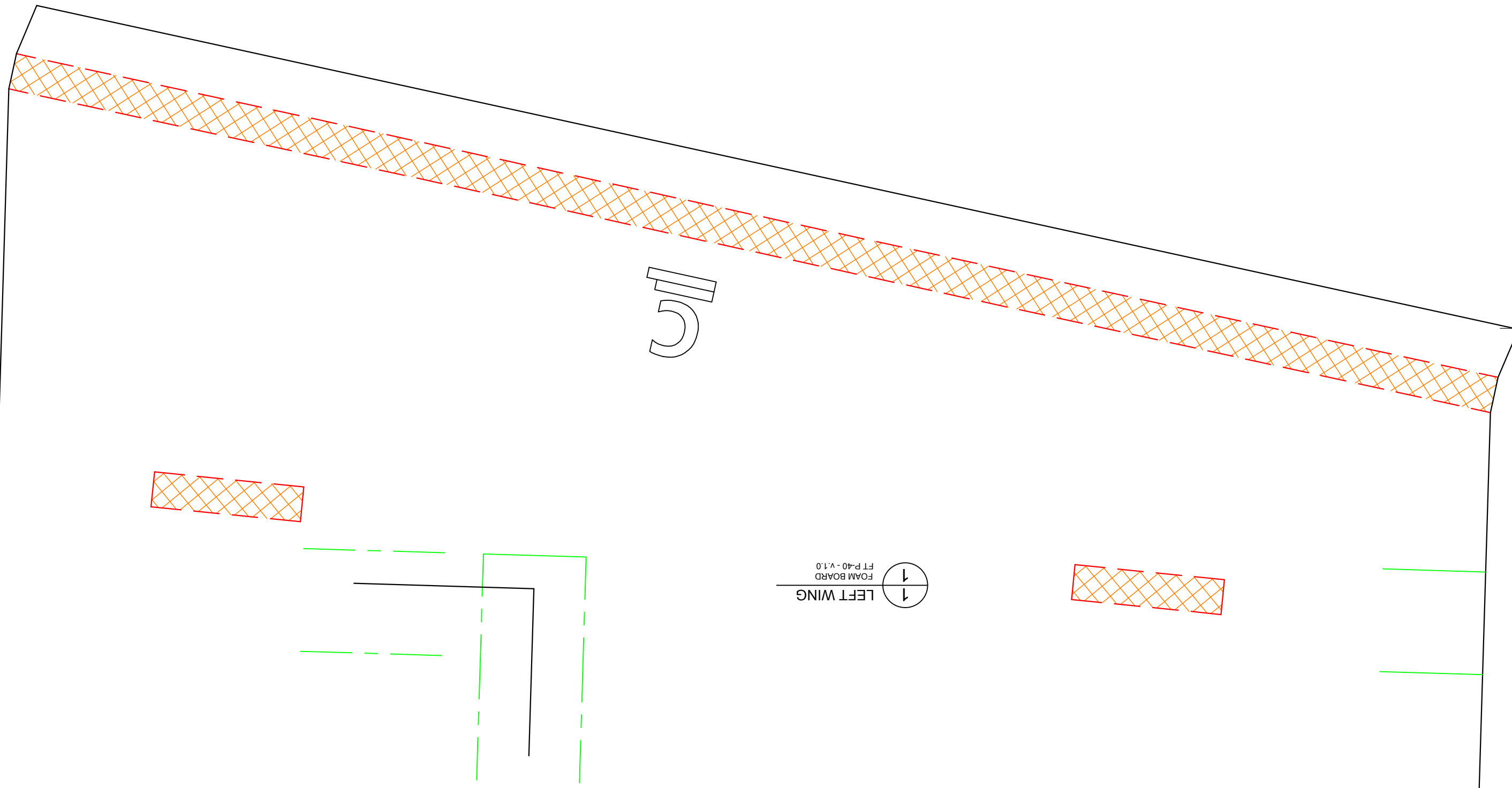
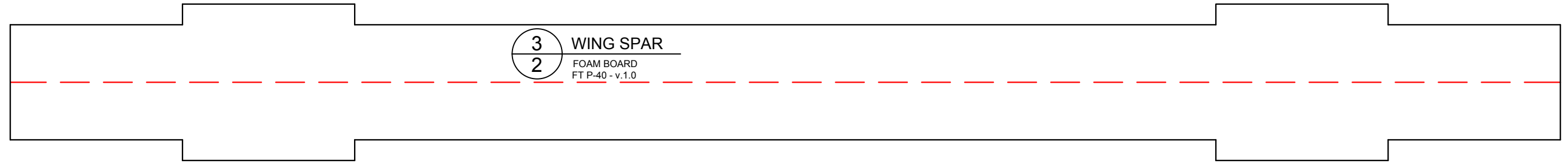
HOBBY GRADE PLYWOOD
3/32" (2.4 mm) THICK



FT SWAPPABLE FIREWALL

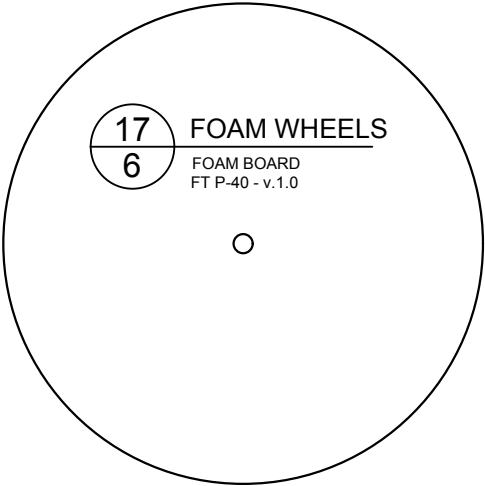
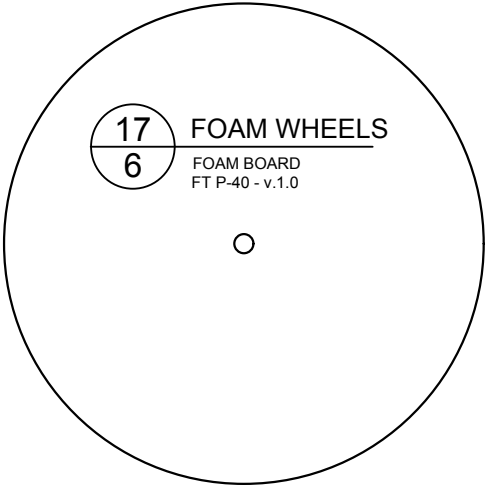
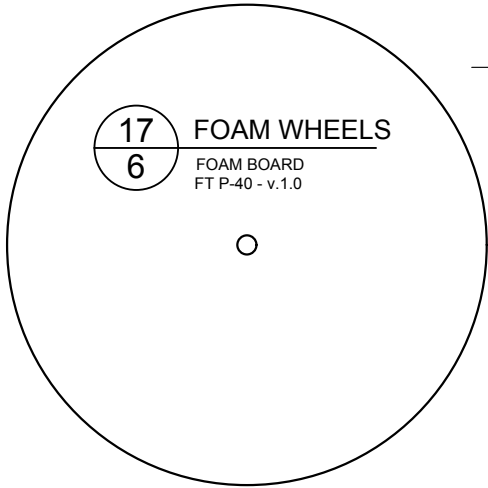
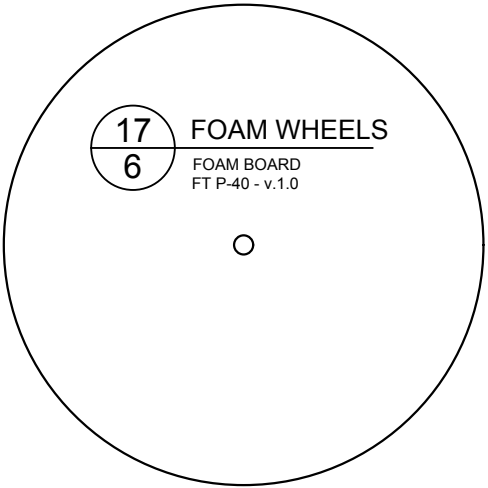
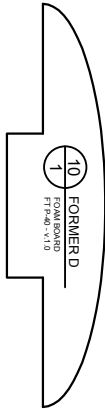
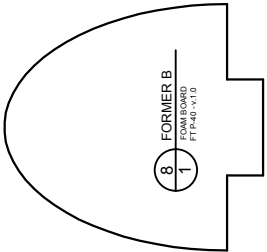
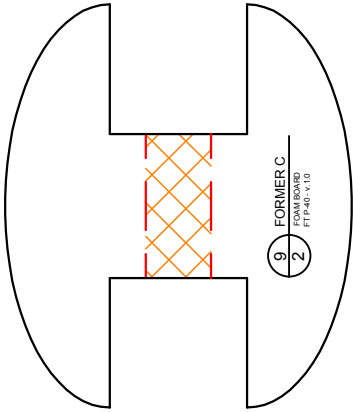
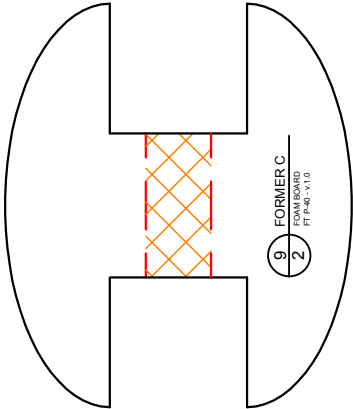
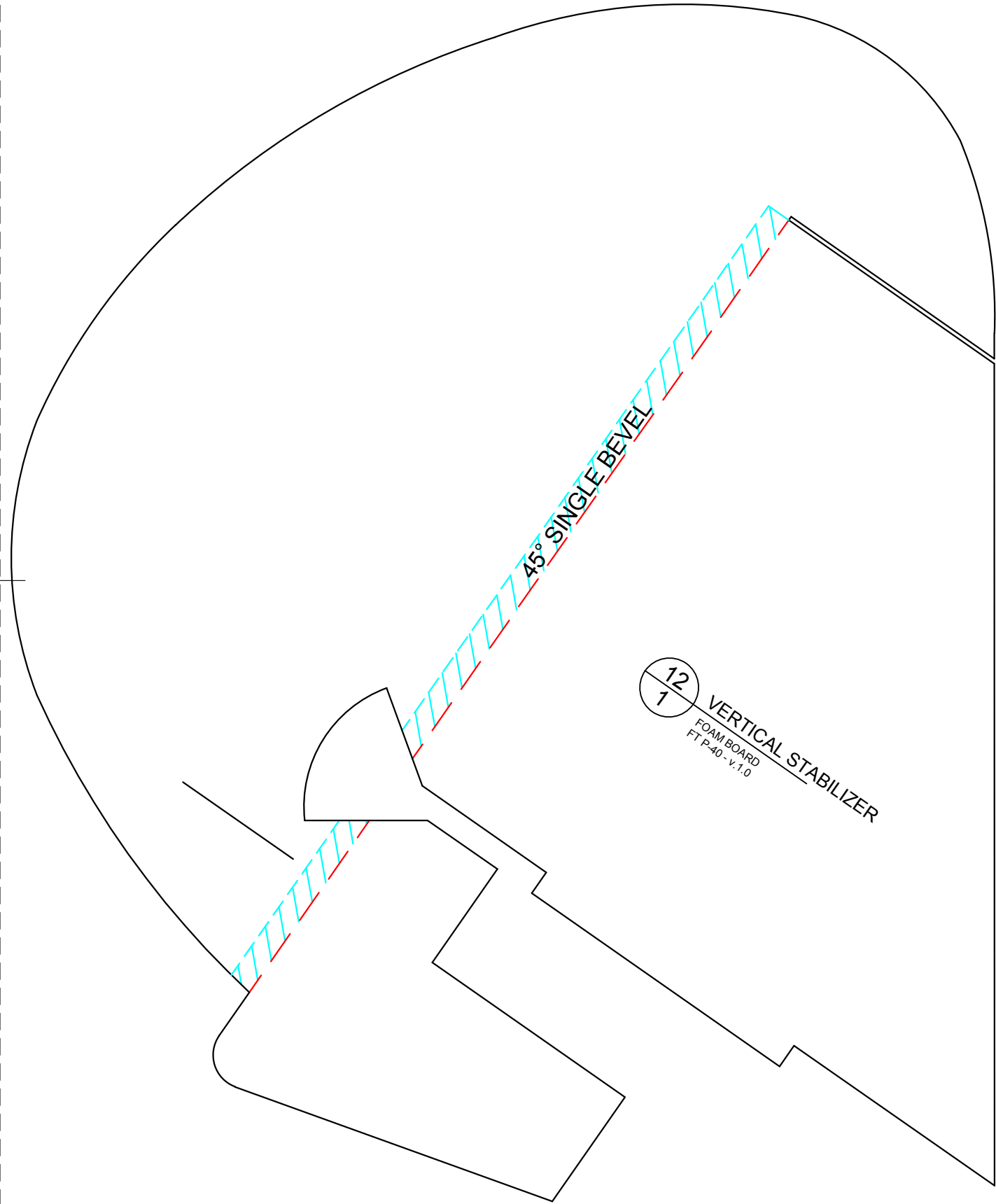


FT CONTROL HORNS



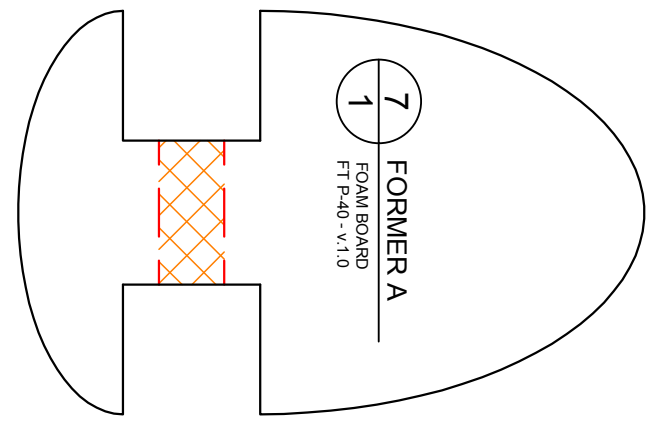


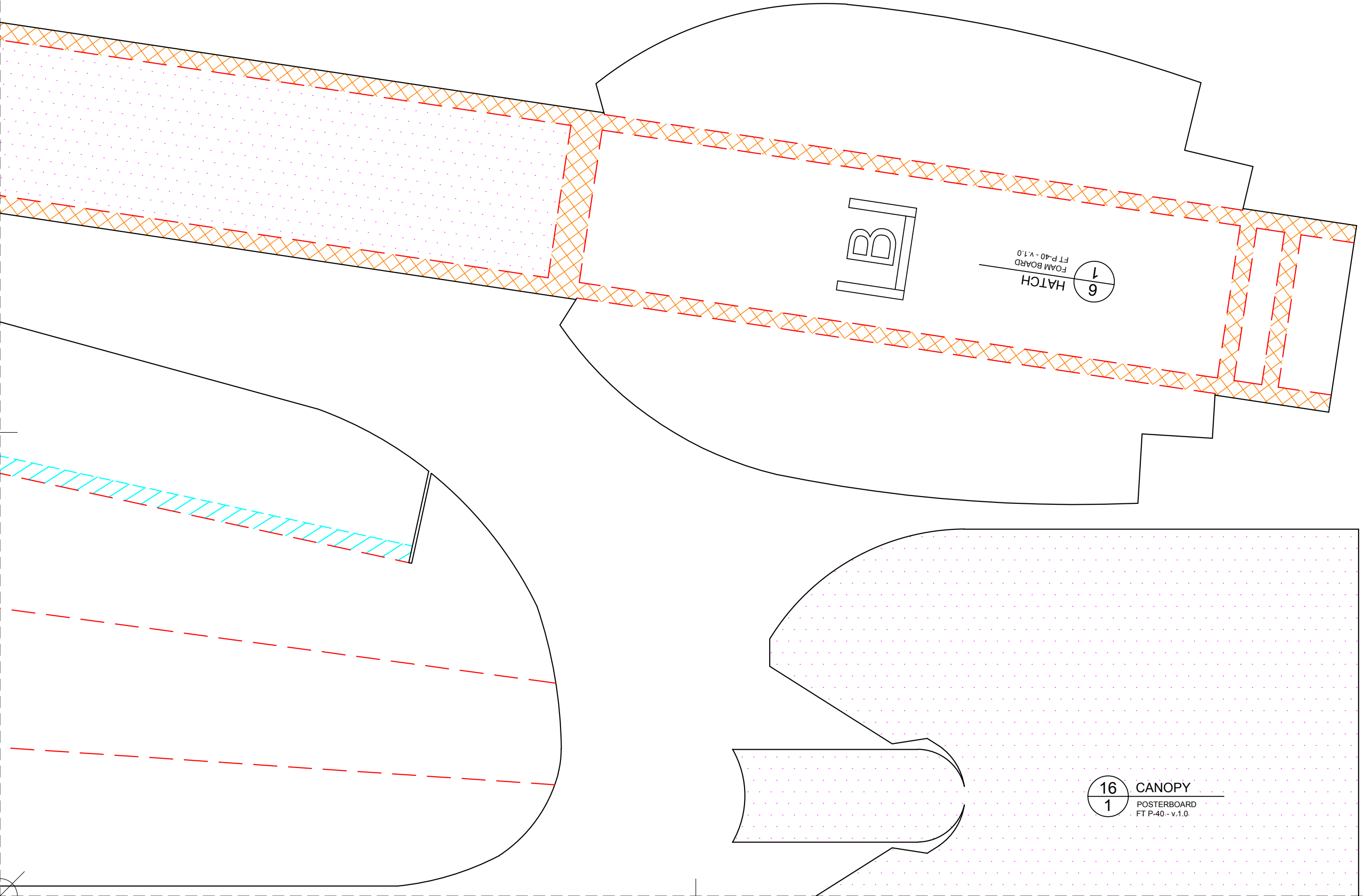
IN
CM

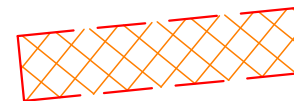
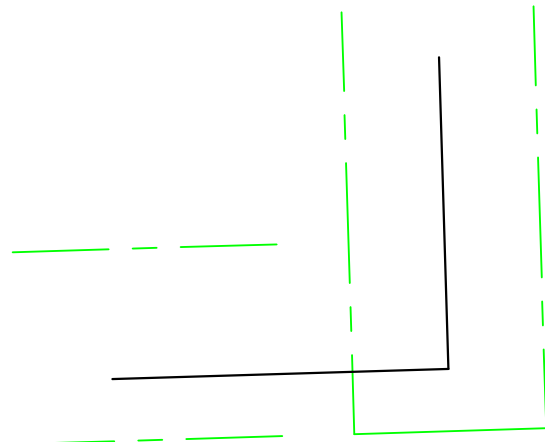
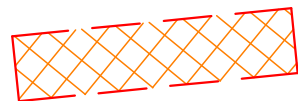


45° DOUBLE BEVEL

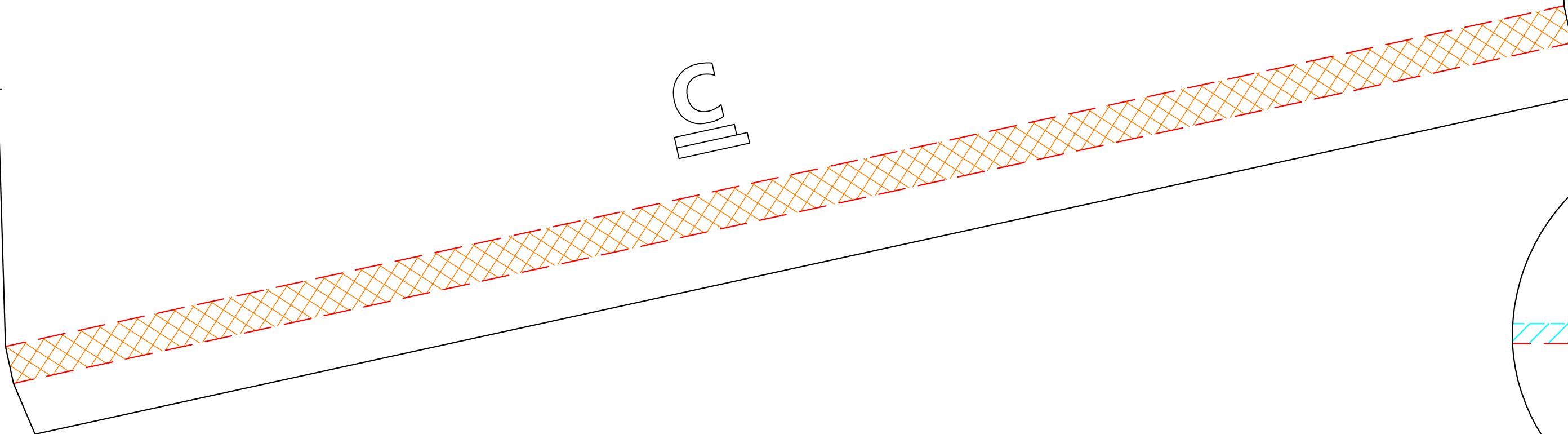
45° SINGLE BEVEL



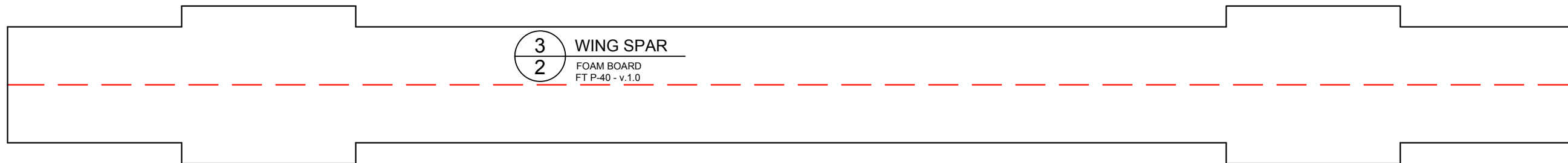




2
1 RIGHT WING
FOAM BOARD
FT P-40 - v.1.0



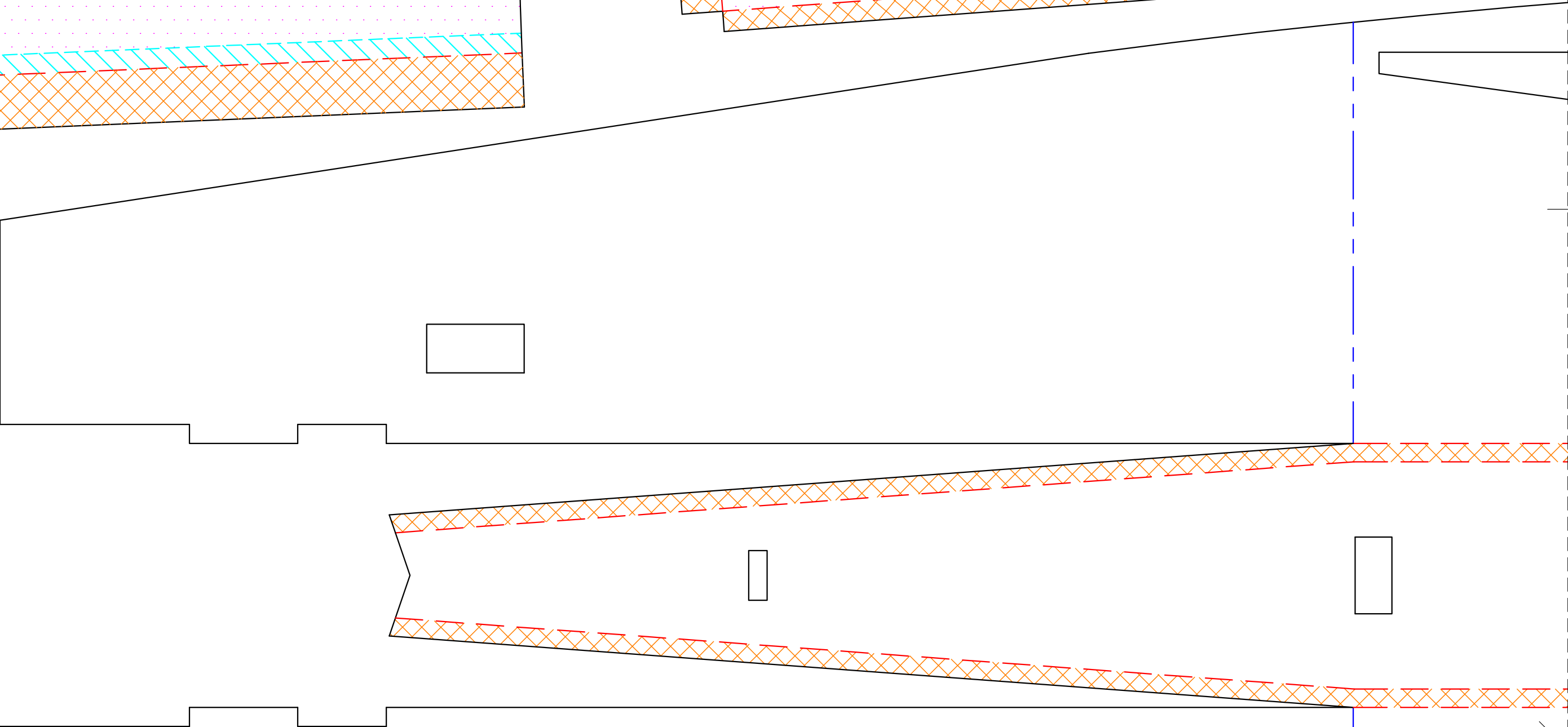
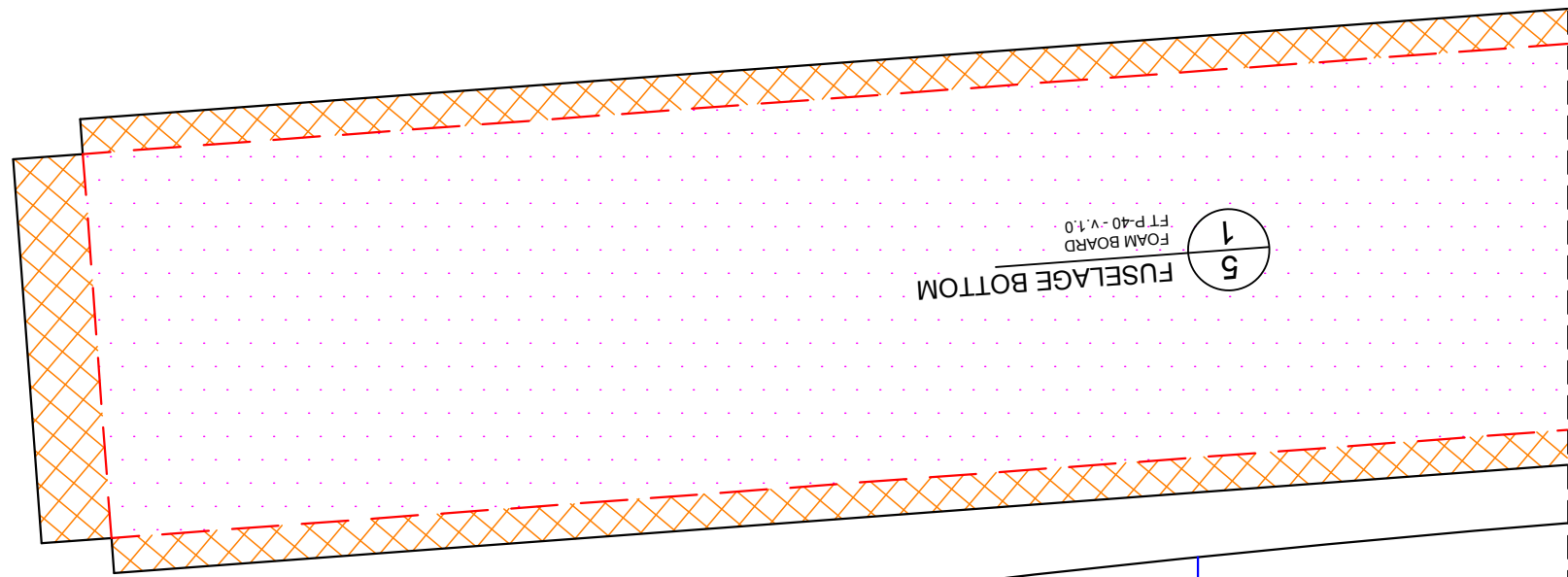
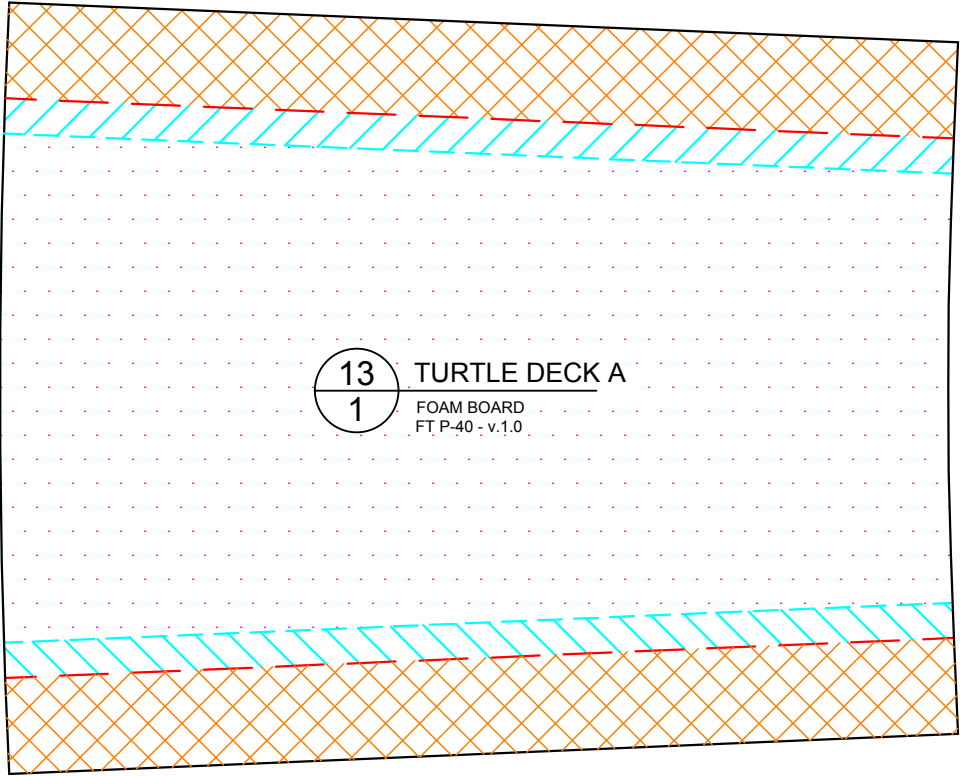
3
2 WING SPAR
FOAM BOARD
FT P-40 - v.1.0



G2 90° ANGLE GAUGE
FOAM BOARD
FT P-40 - v.1.0

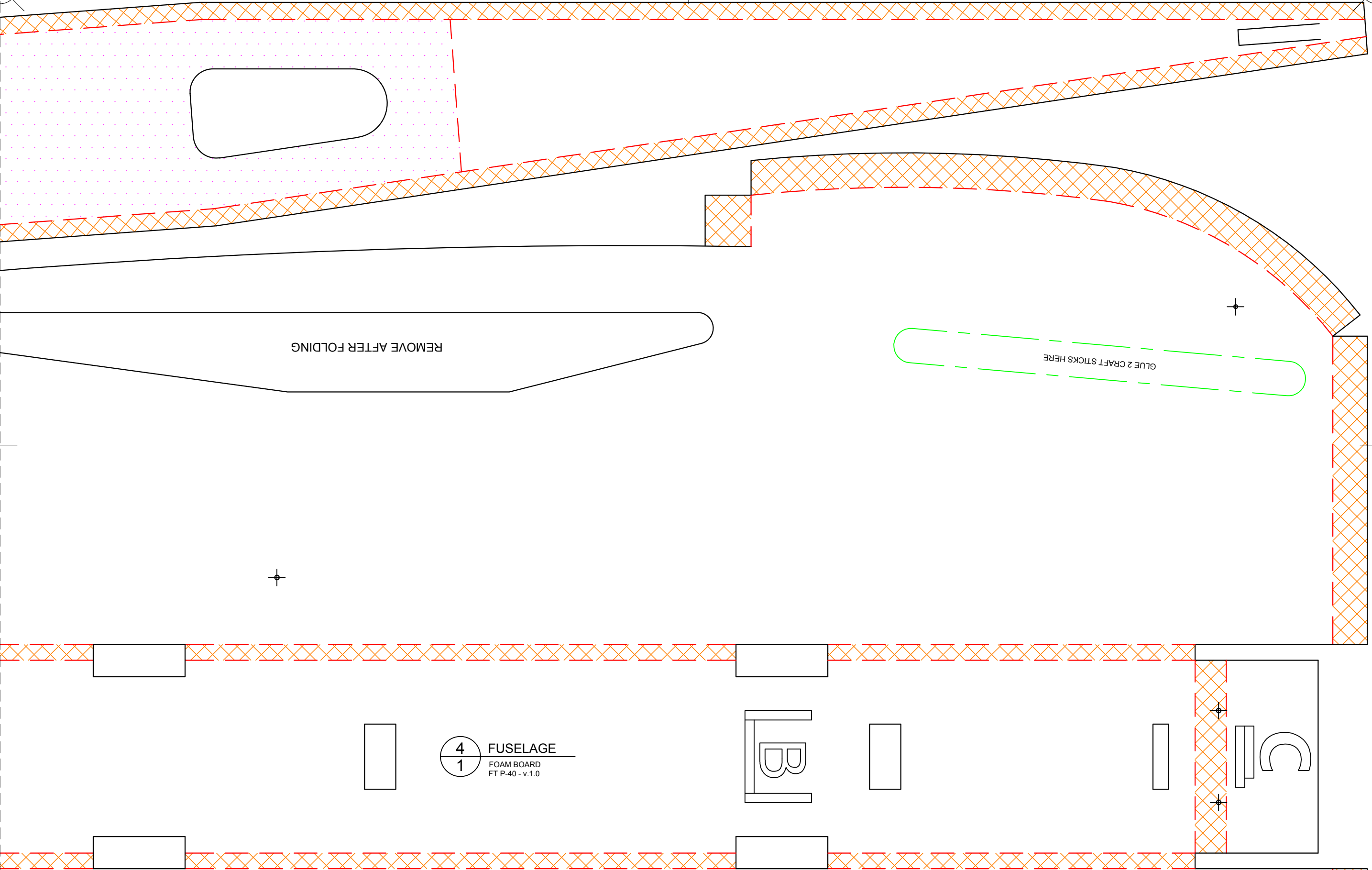
11
1 HORIZONTAL STABILIZER
FOAM BOARD
FT P-40 - v.1.0

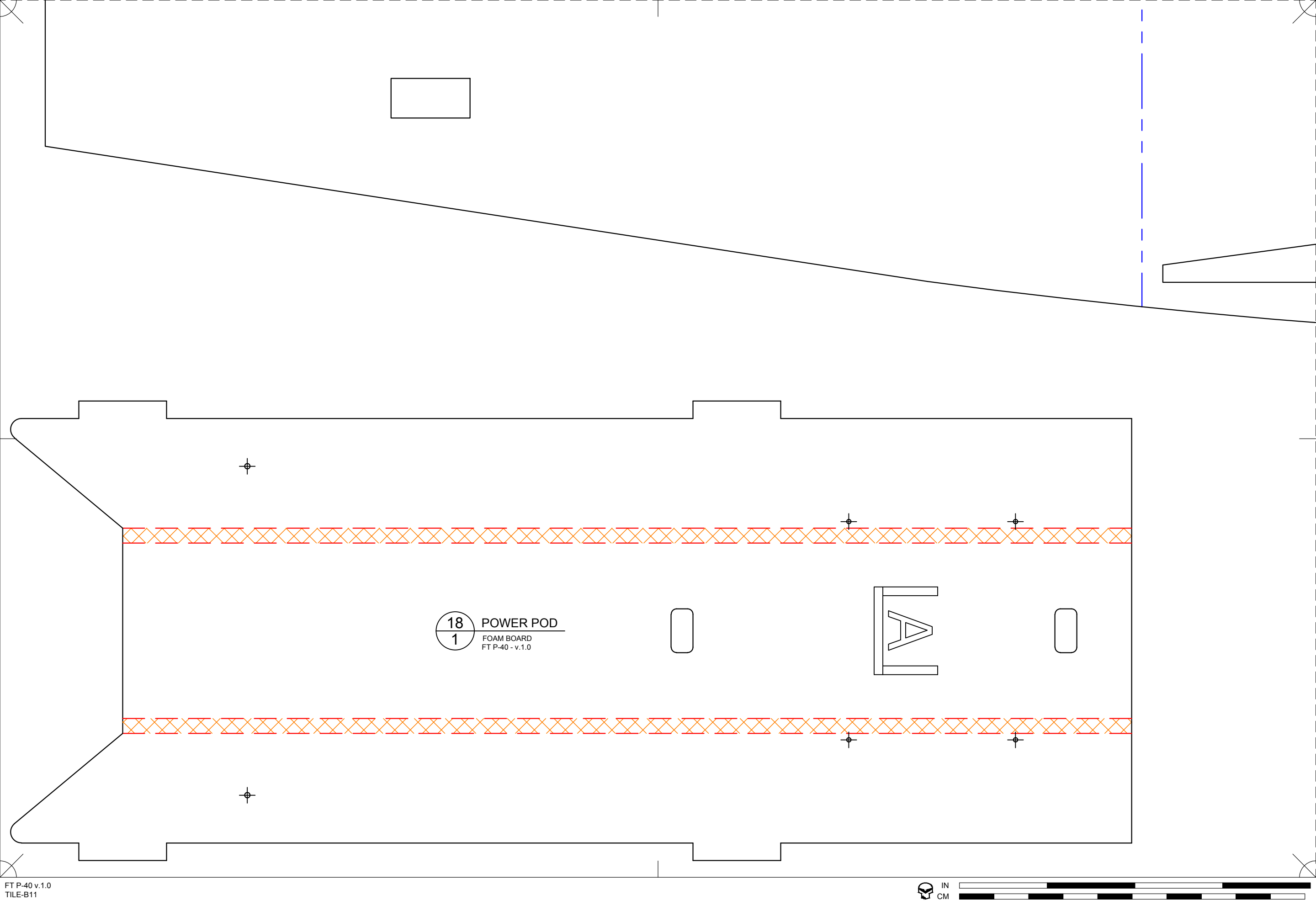
45° SINGLE BEVEL

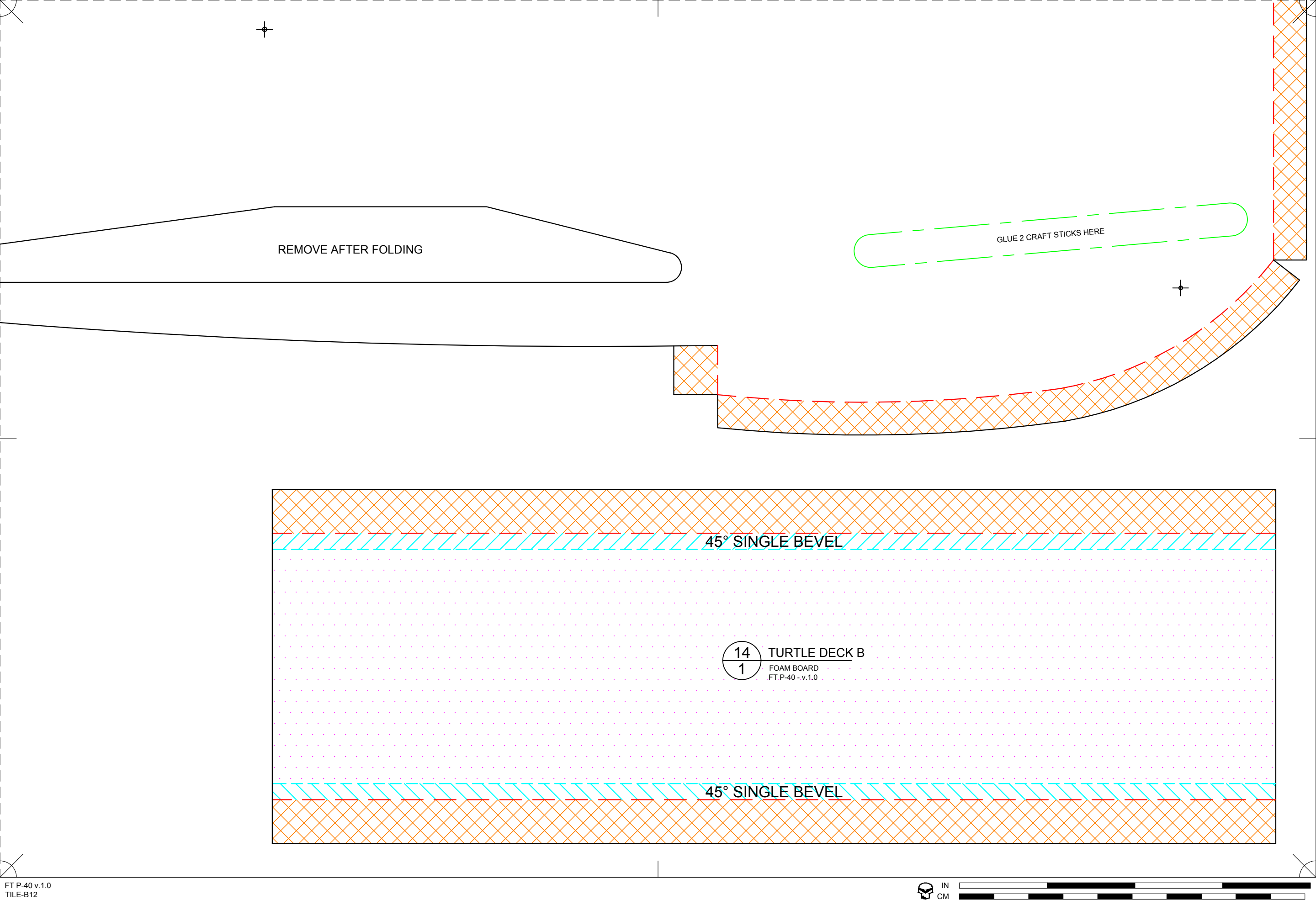




IN
CM







REMOVE AFTER FOLDING

GLUE 2 CRAFT STICKS HERE

45° SINGLE BEVEL

45° SINGLE BEVEL

14
1
TURTLE DECK B
FOAM BOARD
FT.P-40 - v.1.0