



Model : 41/2023



Sukhoi Su-30MK2 Flanker

1080mm

Specs :

1. Wingspan 1080mm / 42.5 inches
2. Flying weight : 1200 grams/ 42.3 oz
3. Wing loading : 28.2 gram/dm² - 9.2 oz/sq.ft.
4. Wing cube loading : 4.3
5. Wing Area : 42.50 dm² / 659 sq.in.
6. CG : 14.7 cm / 5.78 inch from Wing Break

Electronics for test

- Racestar 2212 1400kv
- 50A ESC
- Battery Lipo 3S 2200mah
- 2 x 9 gram servos (micro servo)

Transmitter

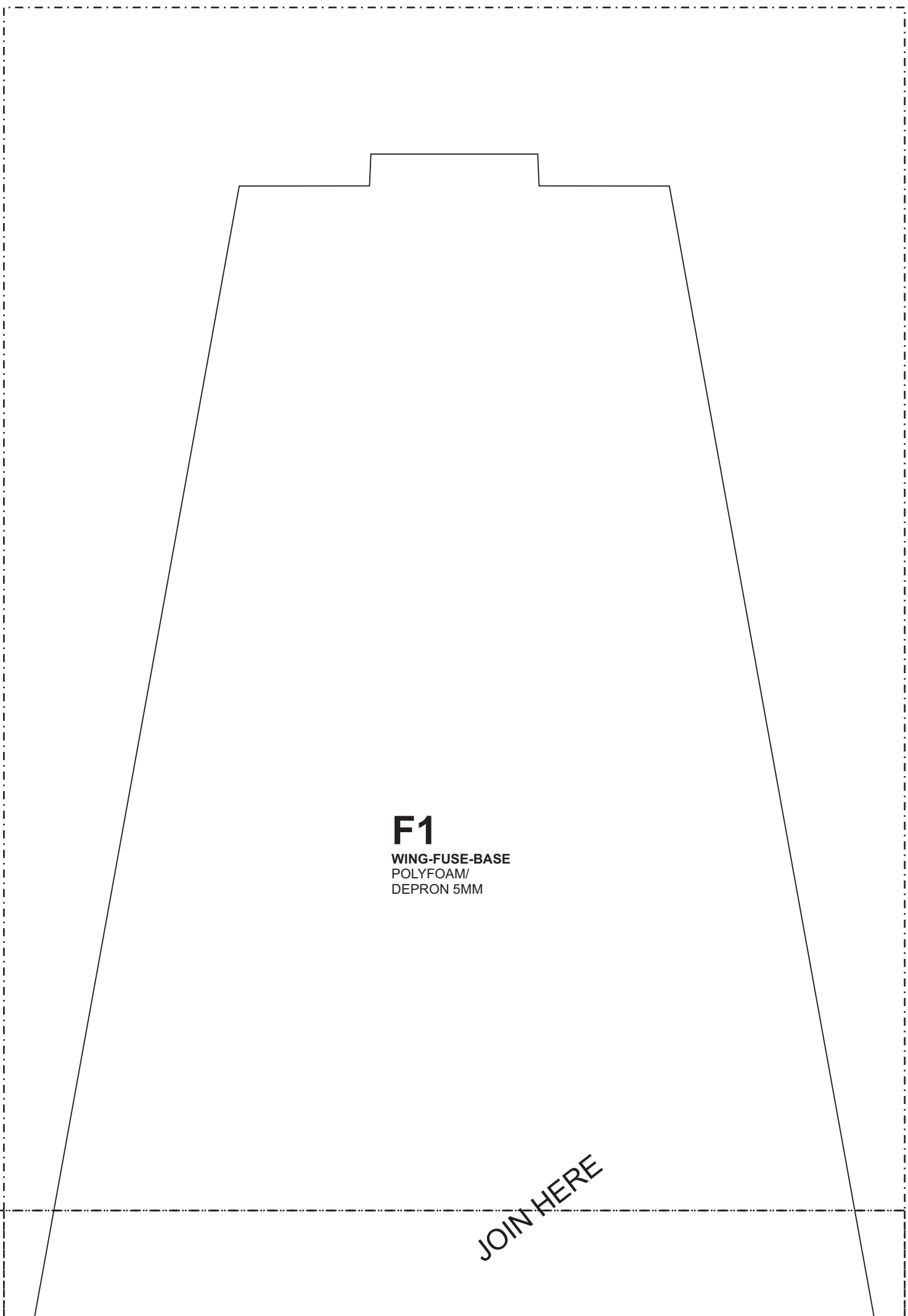
- Jumper T16 + BetaFPV Express LRS TX module
- 5 ch BetaFPV Express LRS RX

Materials :

1. 5mm Foamboard/ Depron/ Polyfoam
2. 10mm + 5mm Carbon Tube 1 meter and 50 cm
3. 0.3mm Mica Plastic
4. hot glue, UHU glue, CA glue
5. Wax paper

Build Instructions :

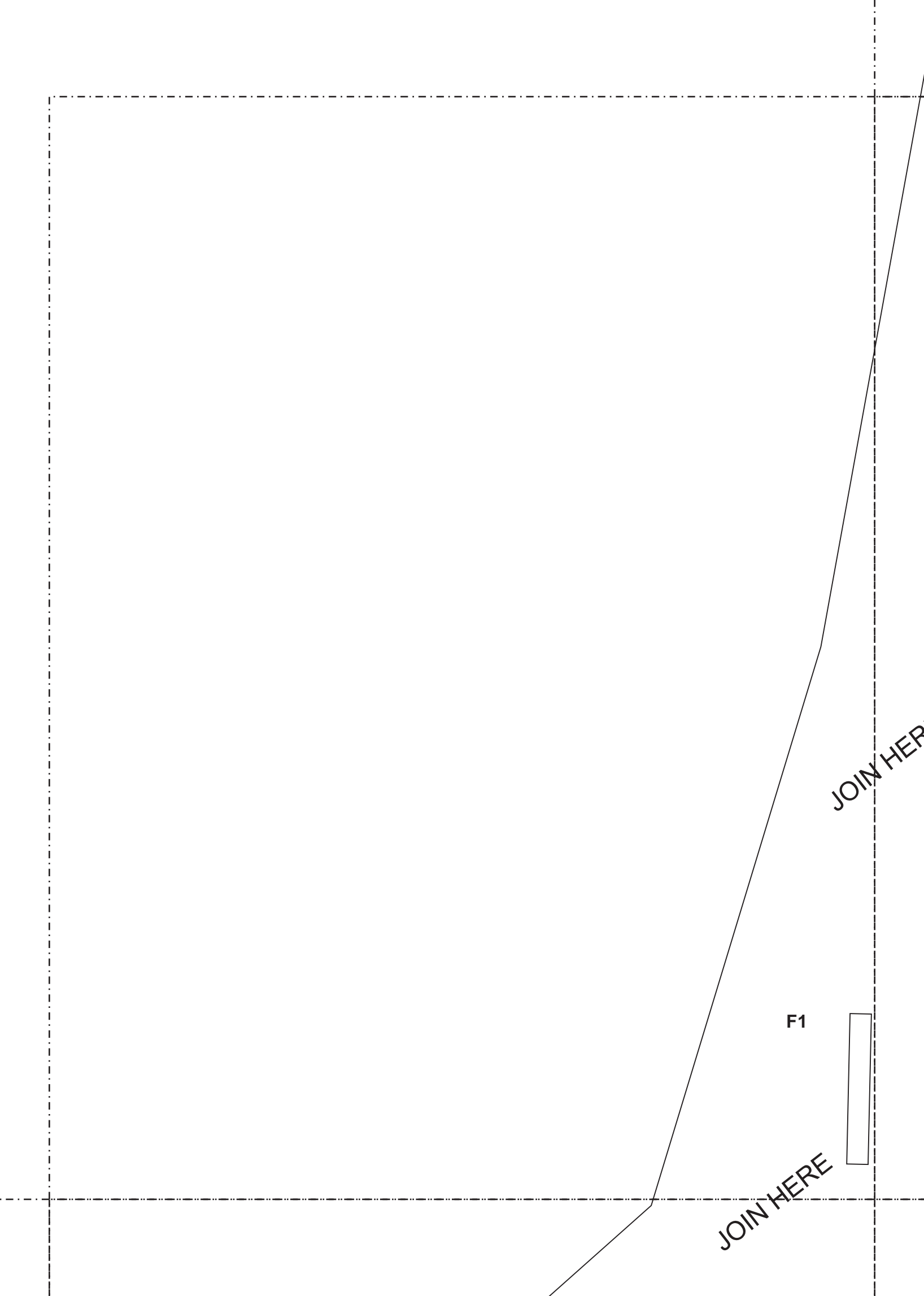
1. paper-replika.com
2. youtube channel : Julius Perdana



F1

WING-FUSE-BASE
POLYFOAM/
DEPRON 5MM

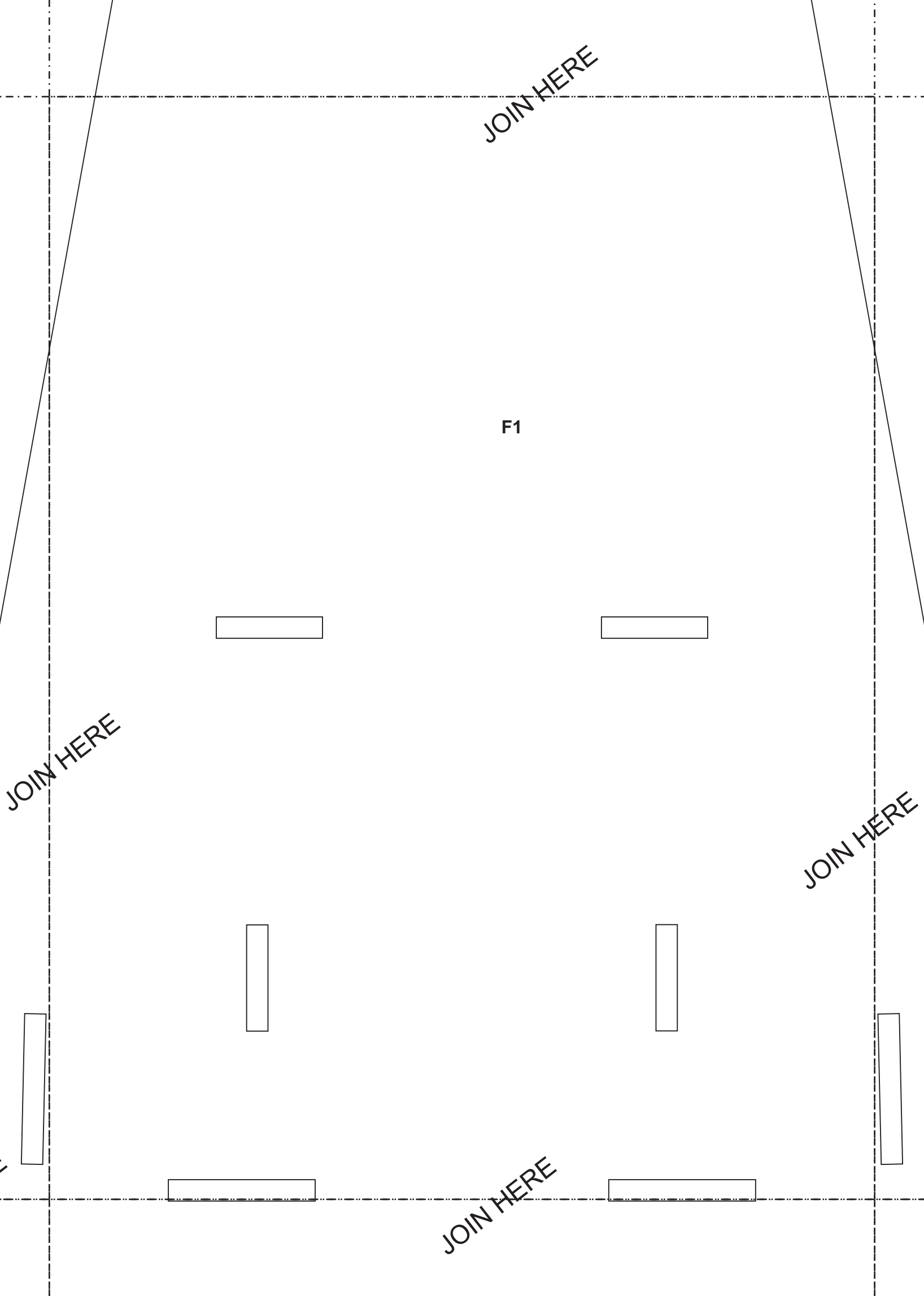
JOIN HERE



JOIN HERE

F1

JOIN HERE



JOIN HERE

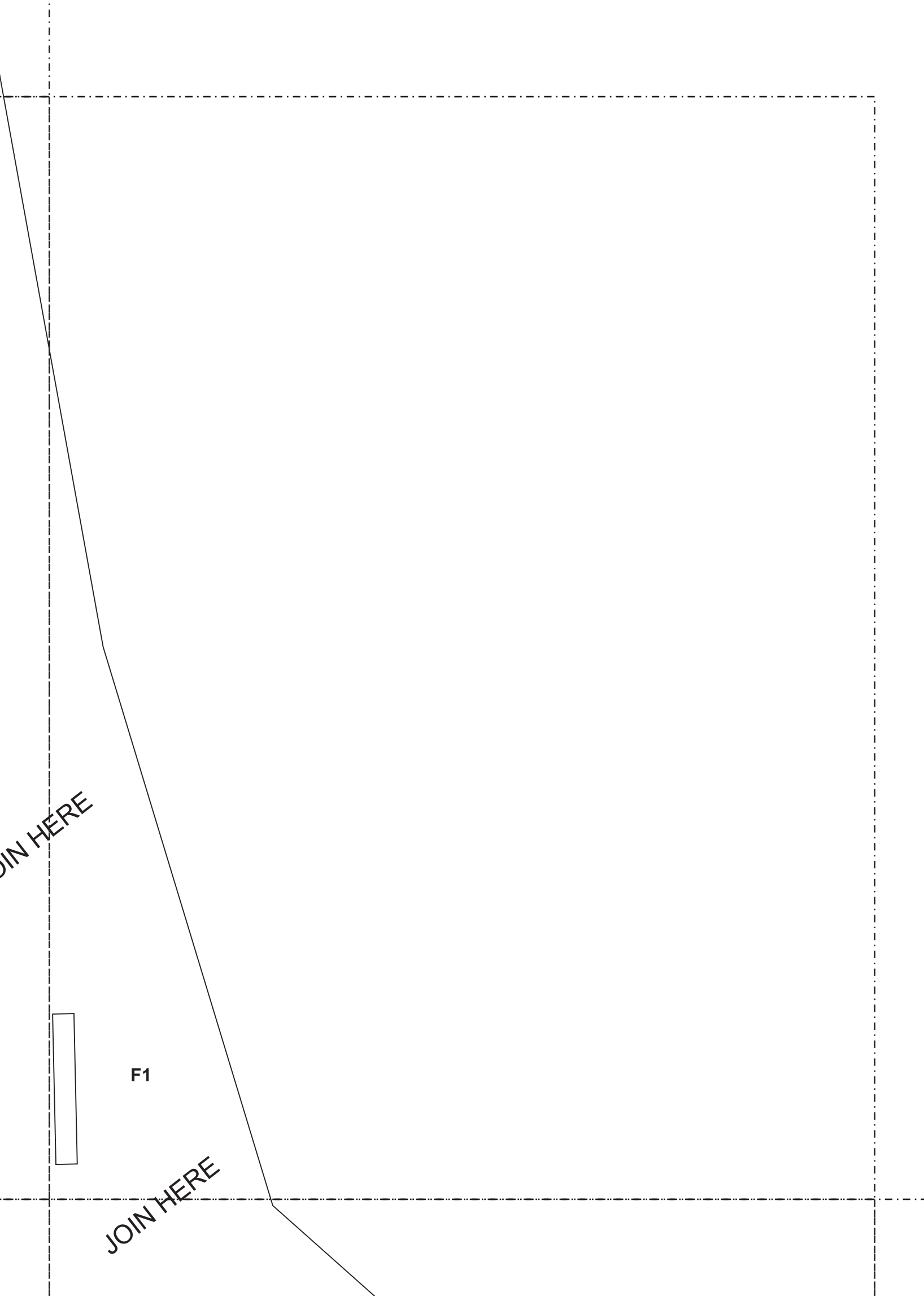
F1



JOIN HERE

JOIN HERE

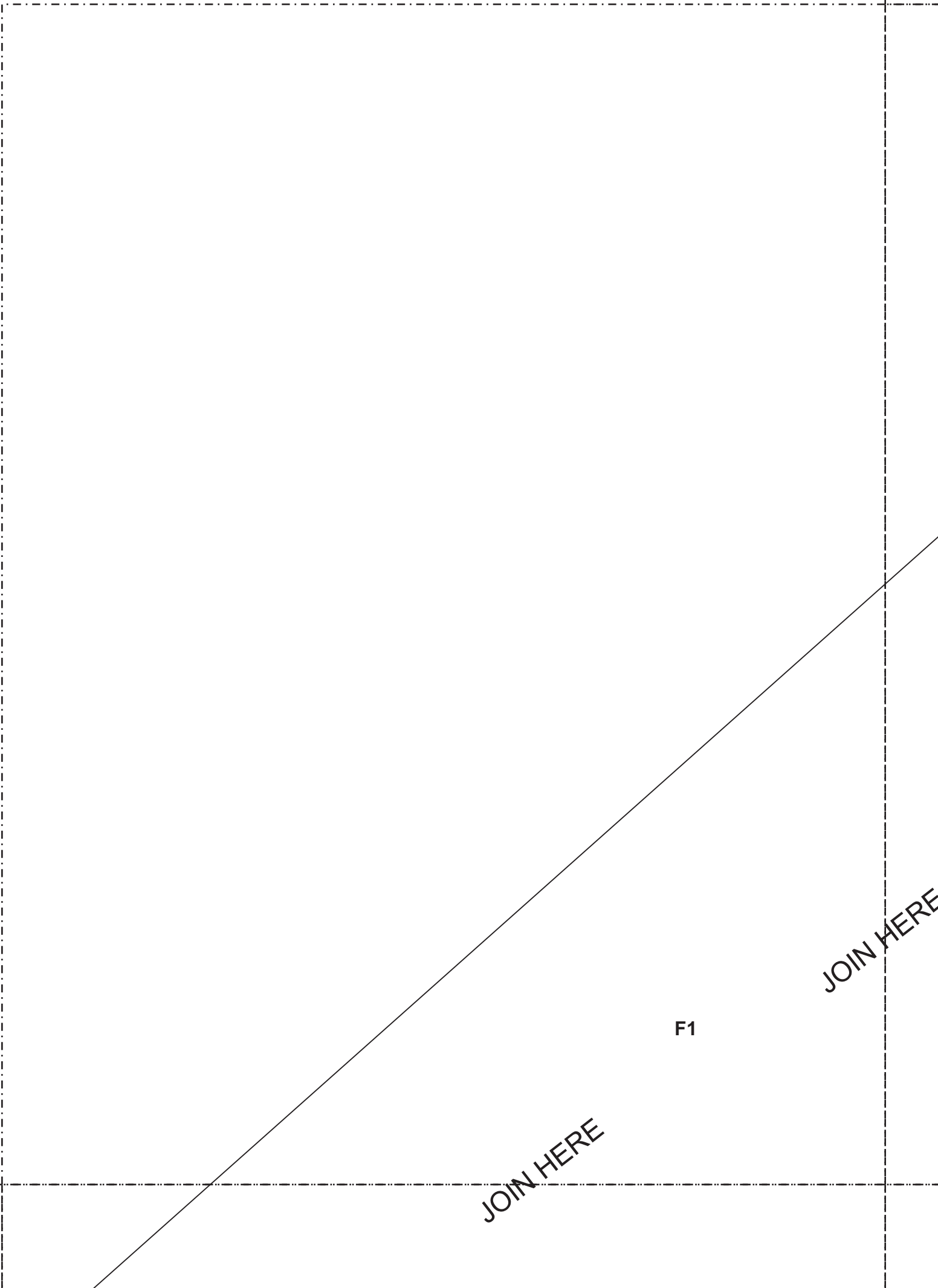
JOIN HERE



JOIN HERE

F1

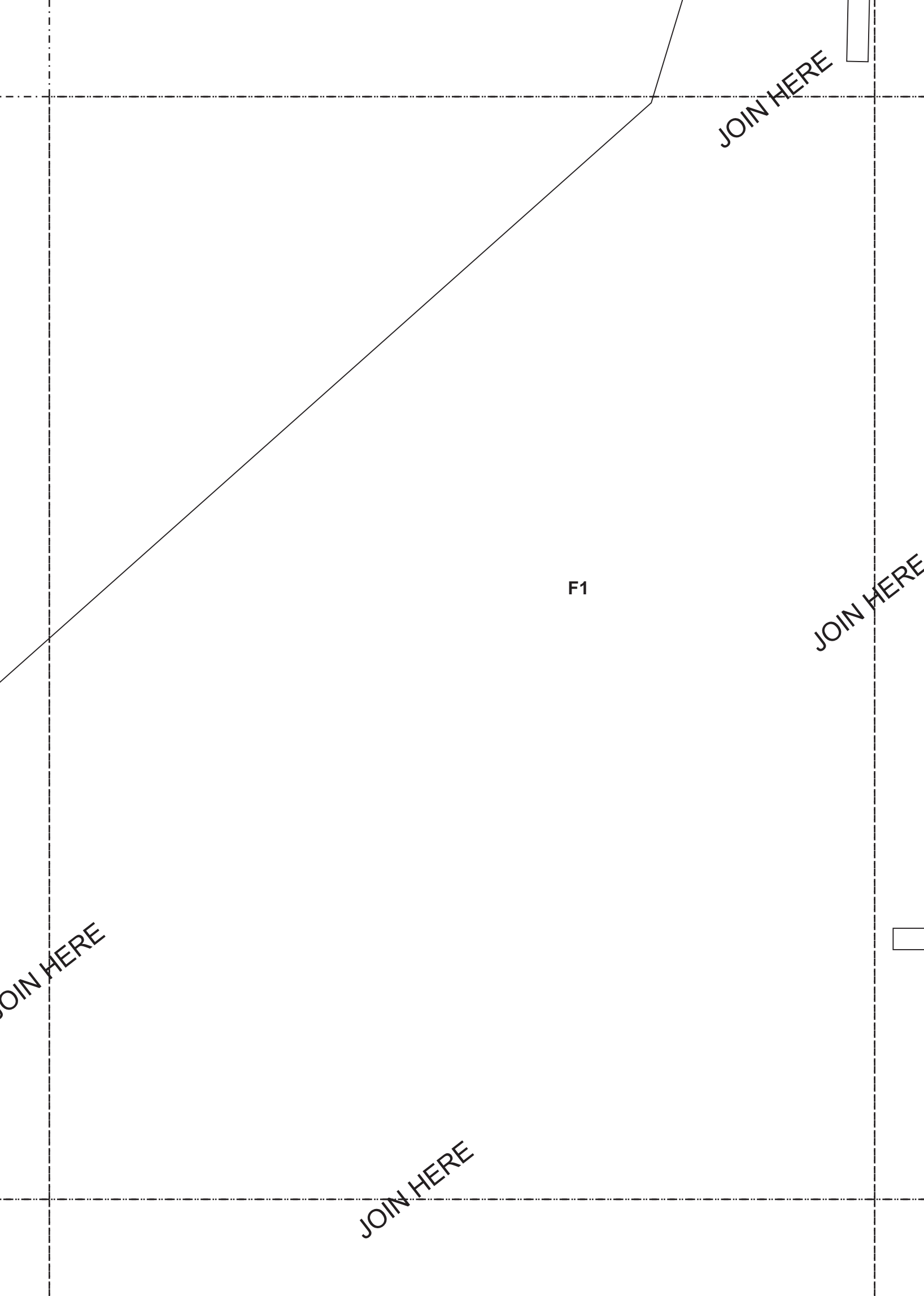
JOIN HERE



JOIN HERE

JOIN HERE

F1



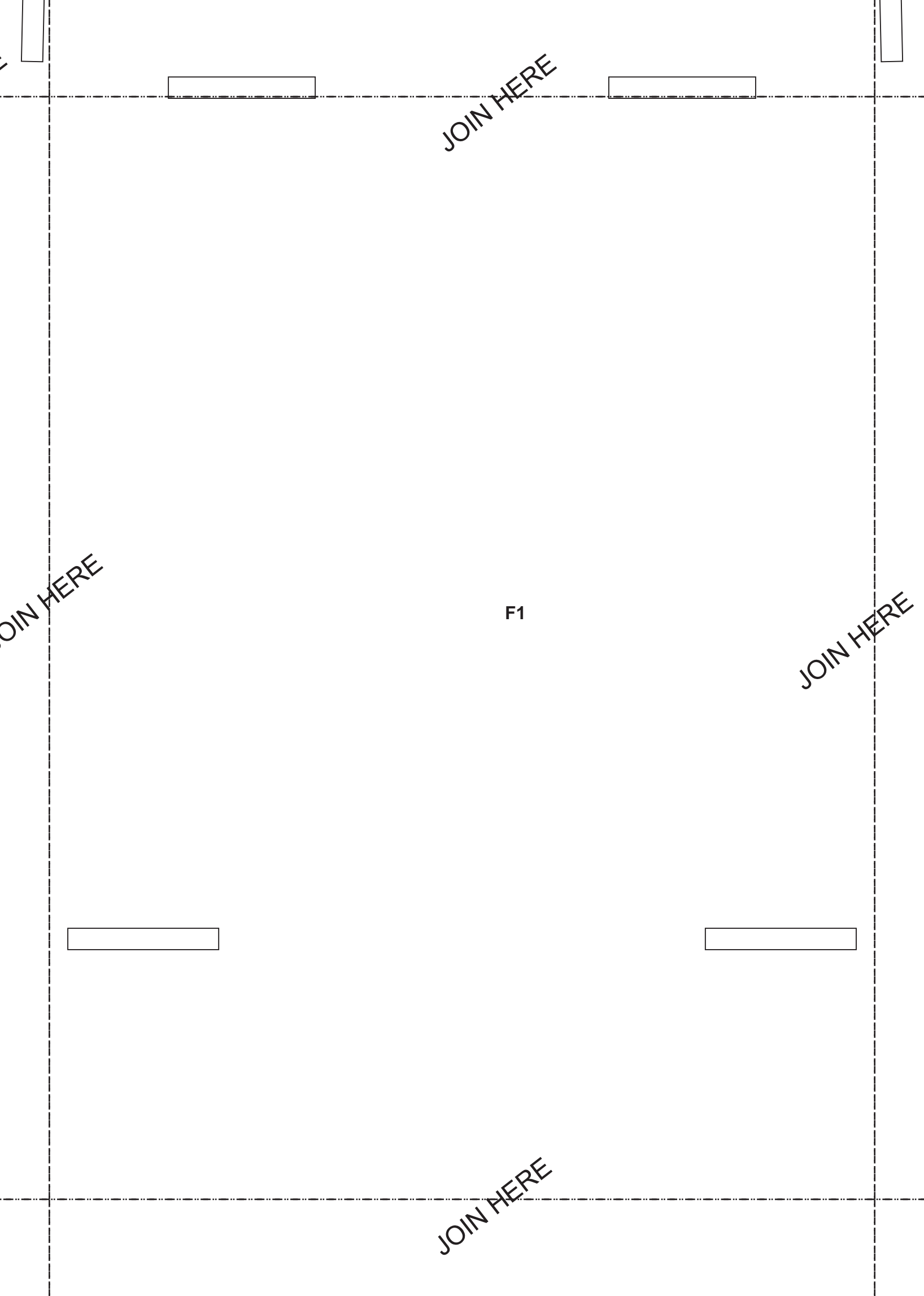
JOIN HERE

F1

JOIN HERE

JOIN HERE

JOIN HERE



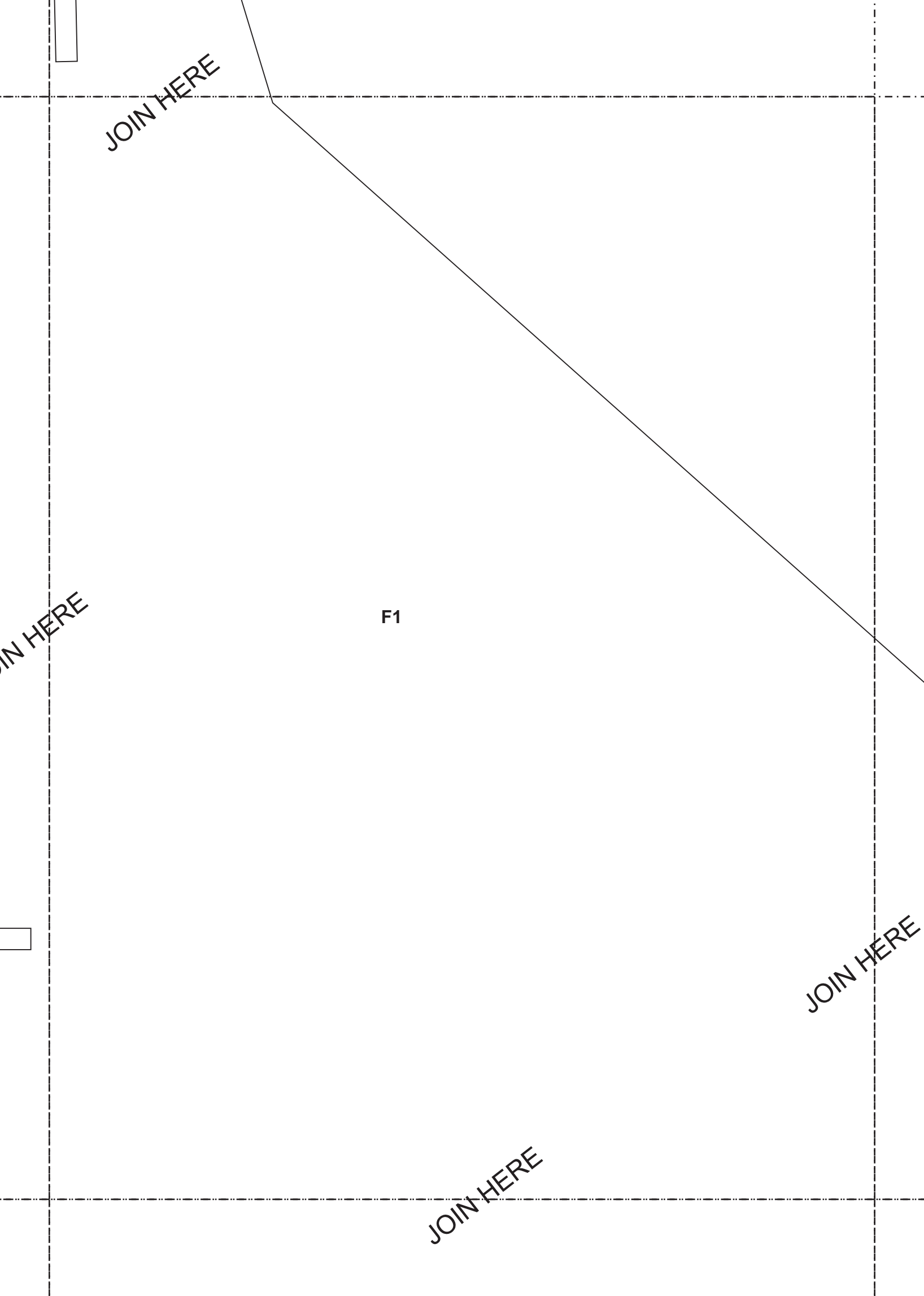
JOIN HERE

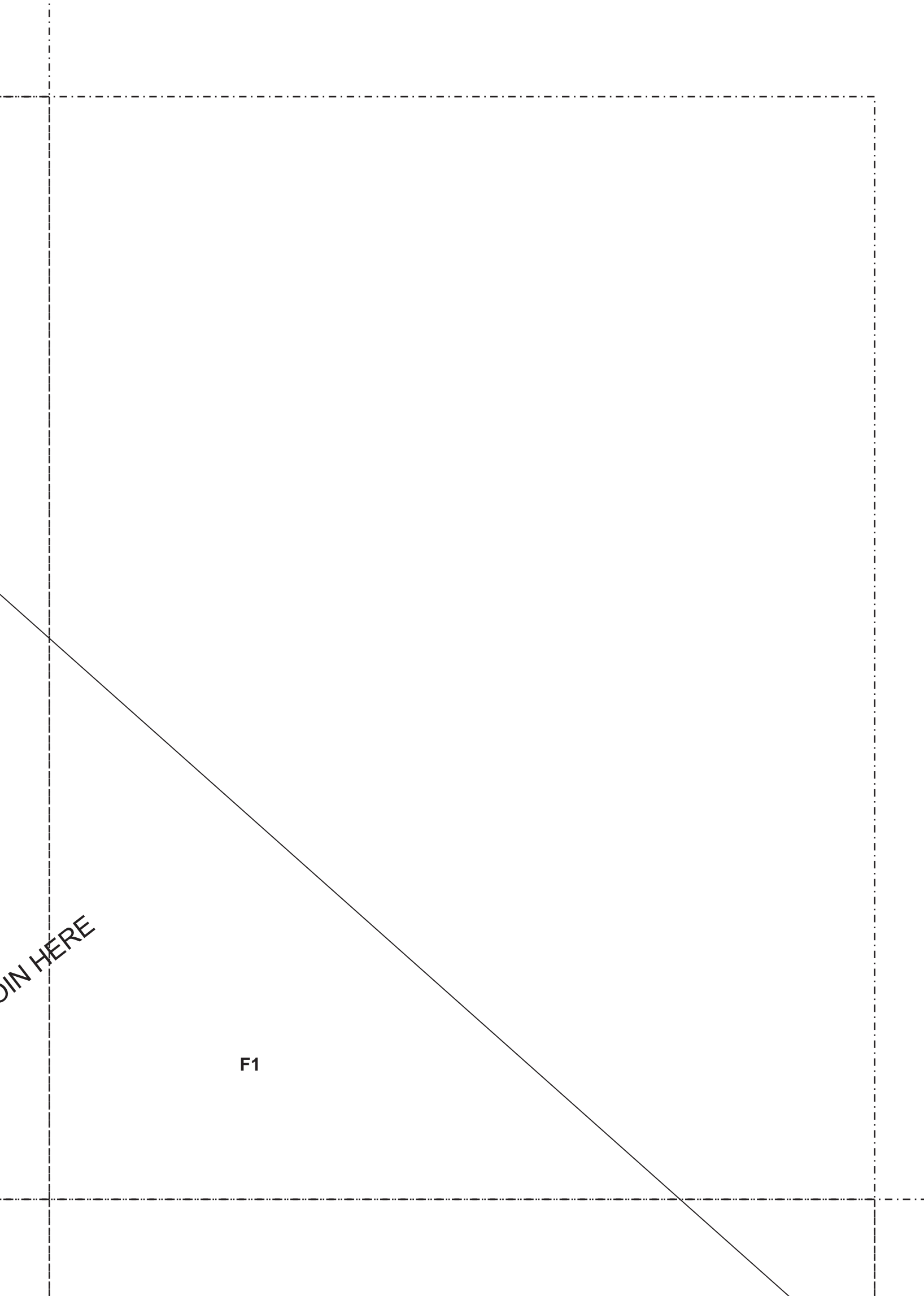
JOIN HERE

JOIN HERE

F1

JOIN HERE



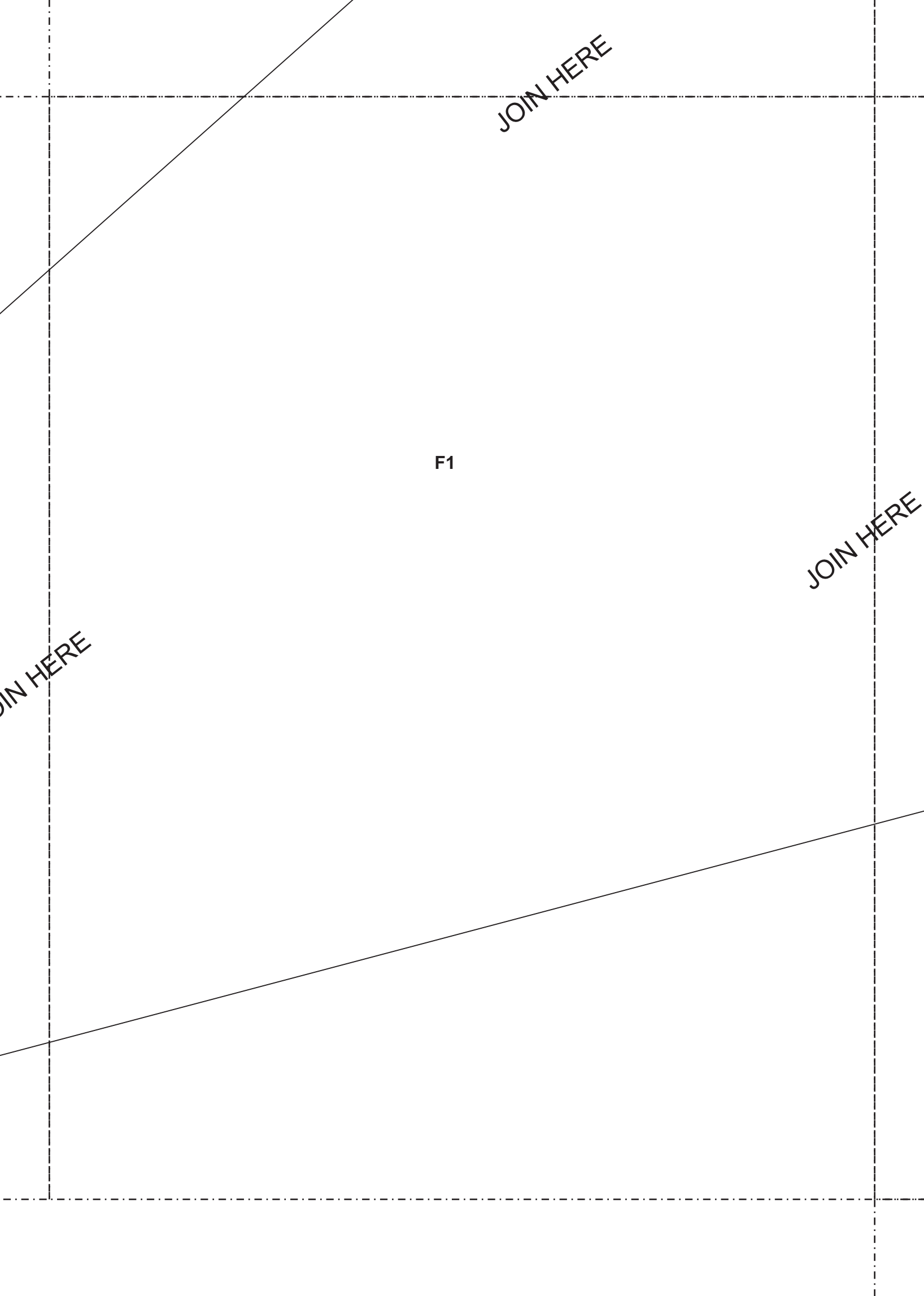


JOIN HERE

F1

F1

JOIN HERE

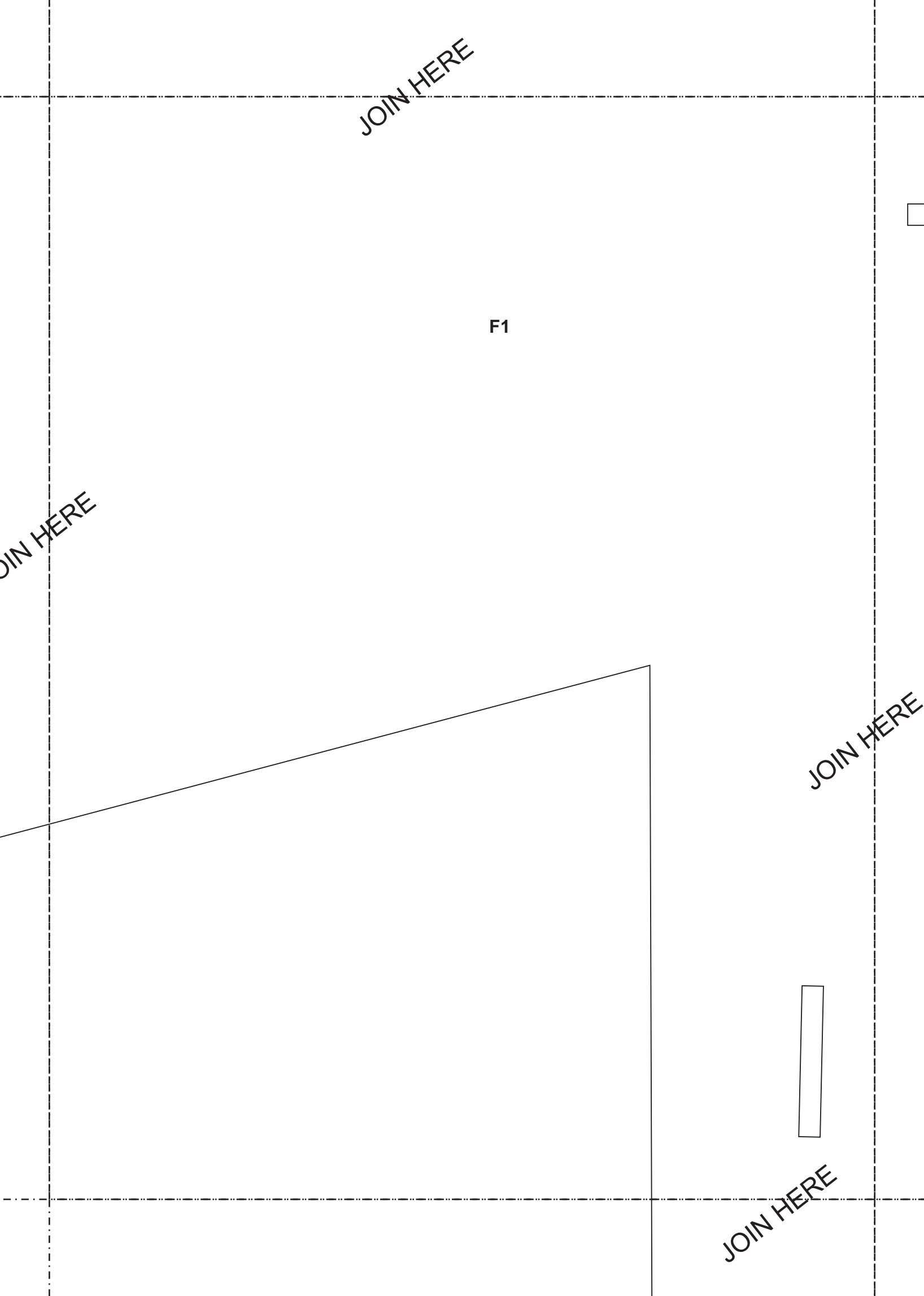


JOIN HERE

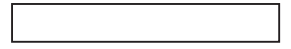
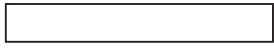
F1

JOIN HERE

JOIN HERE



JOIN HERE



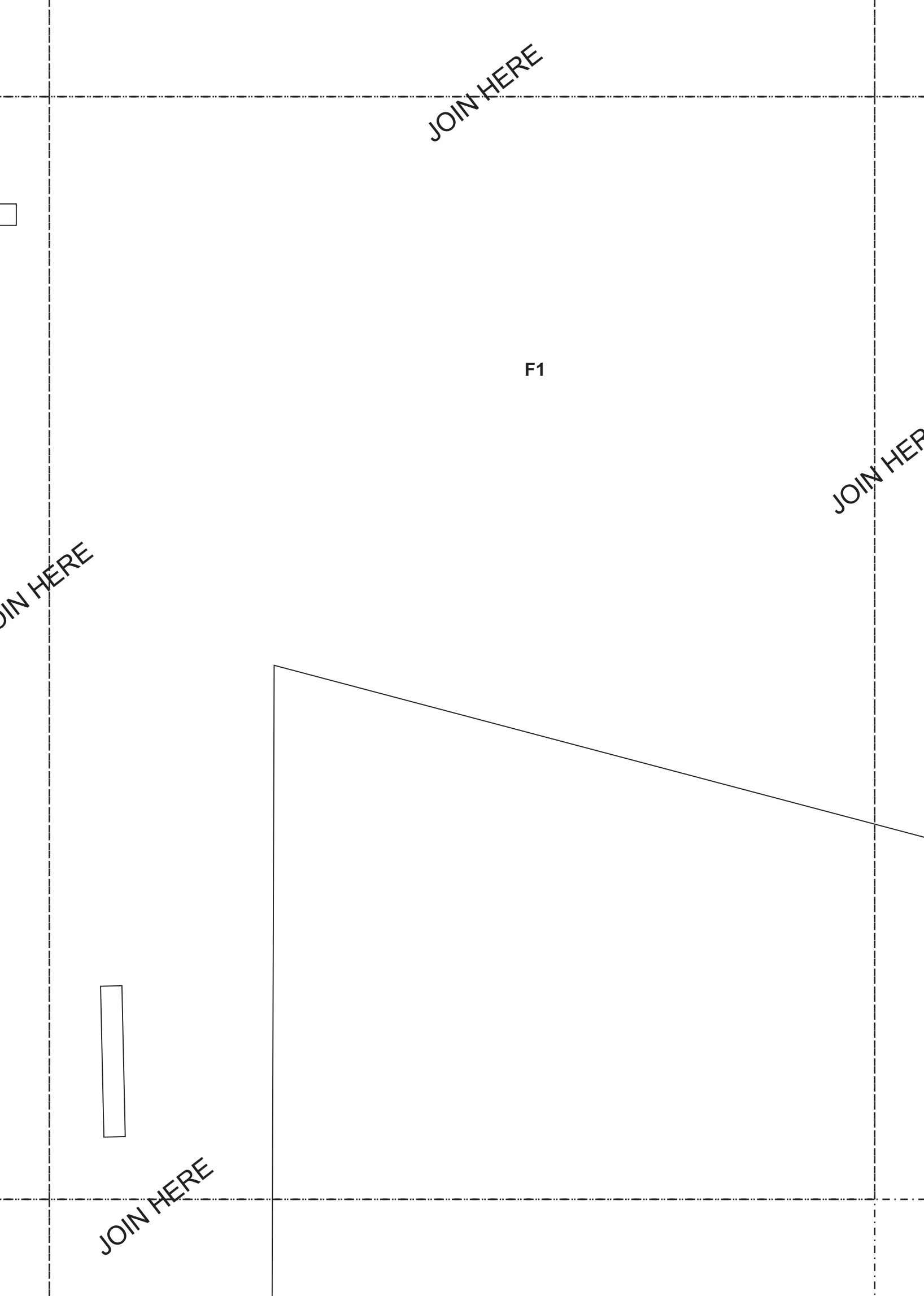
F1

JOIN HERE

JOIN HERE



JOIN HERE



JOIN HERE

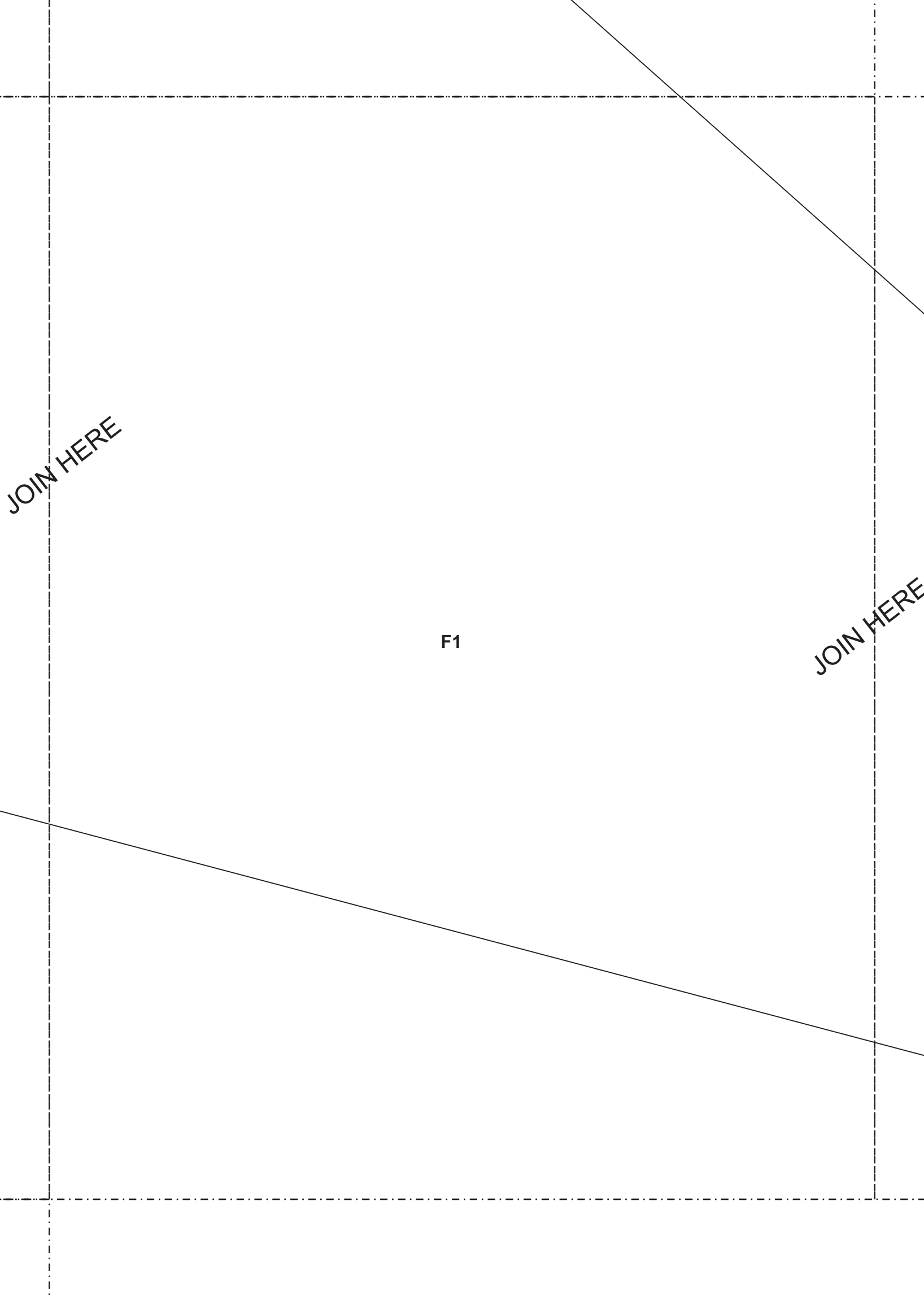
F1

JOIN HERE

JOIN HERE

JOIN HERE

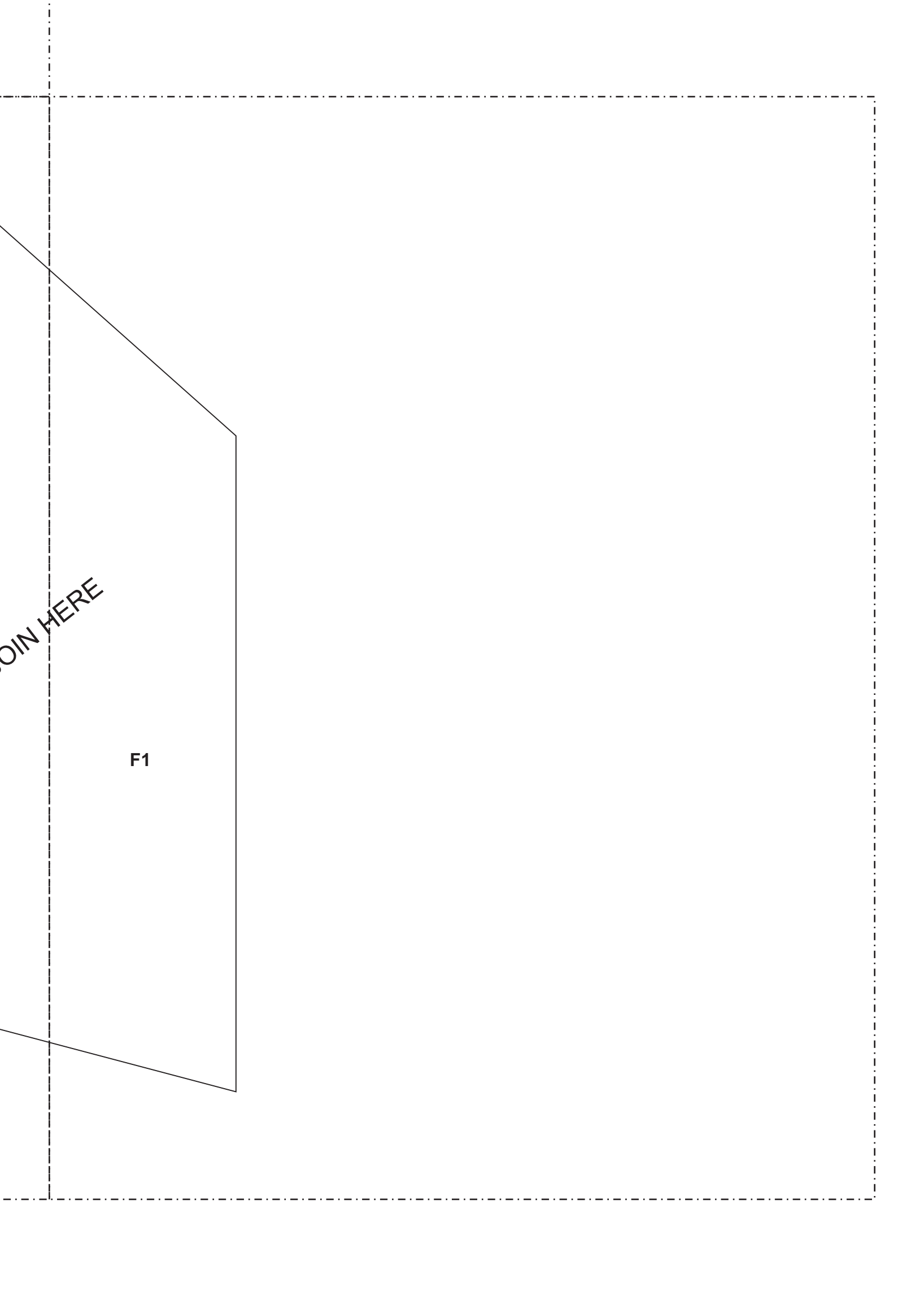




F1

JOIN HERE

JOIN HERE





JOIN HERE

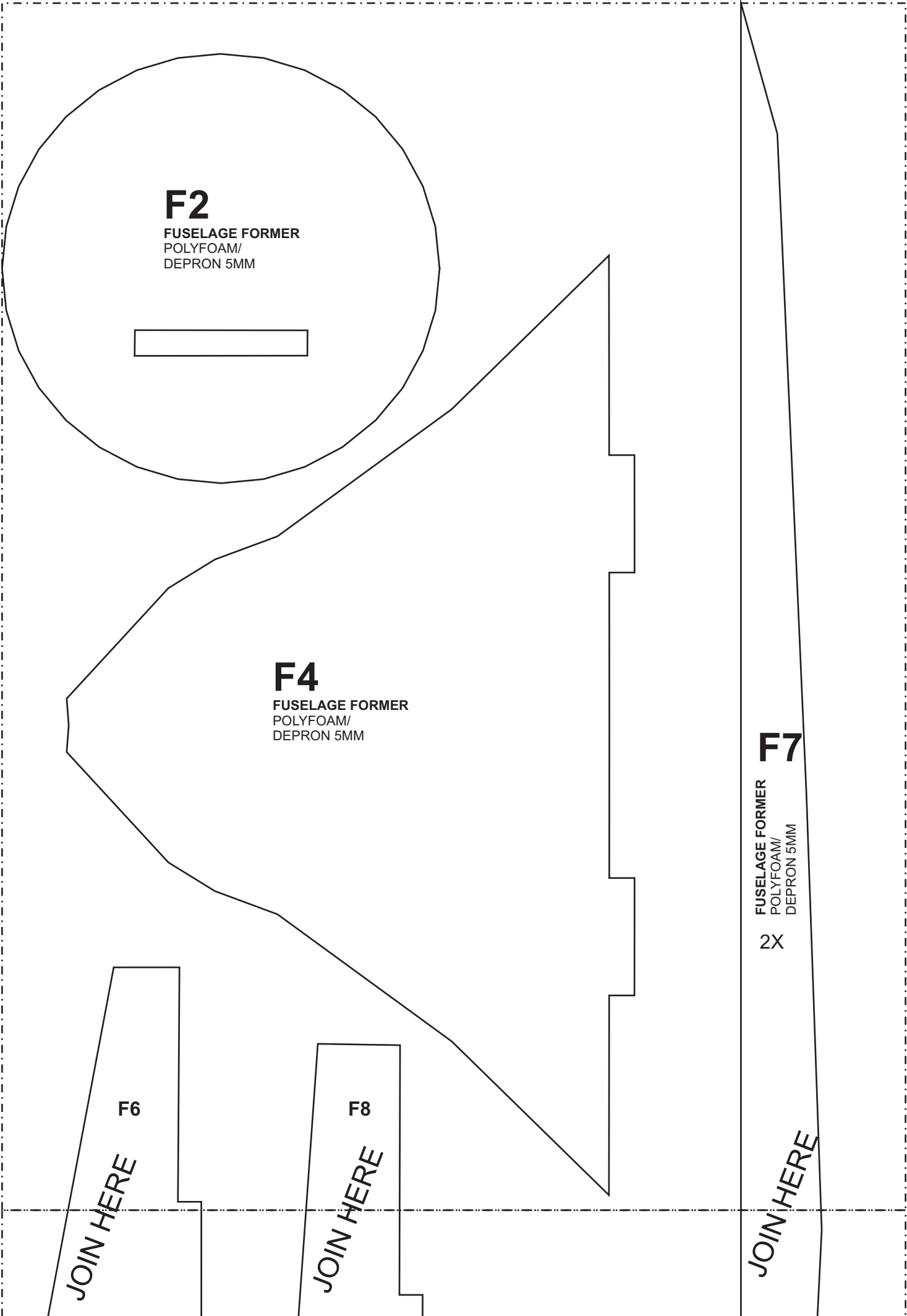
F1

JOIN HERE

F1

JOIN HERE

F1



F2

FUSELAGE FORMER
POLYFOAM/
DEPRON 5MM



F4

FUSELAGE FORMER
POLYFOAM/
DEPRON 5MM

F6

JOIN HERE

F8

JOIN HERE

F7

FUSELAGE FORMER
POLYFOAM/
DEPRON 5MM

2X

JOIN HERE

JOIN HERE

F6

F6

FUSELAGE FORMER
POLYFOAM/
DEPRON 5MM

JOIN HERE

F8

F8

FUSELAGE FORMER
POLYFOAM/
DEPRON 5MM

JOIN HERE

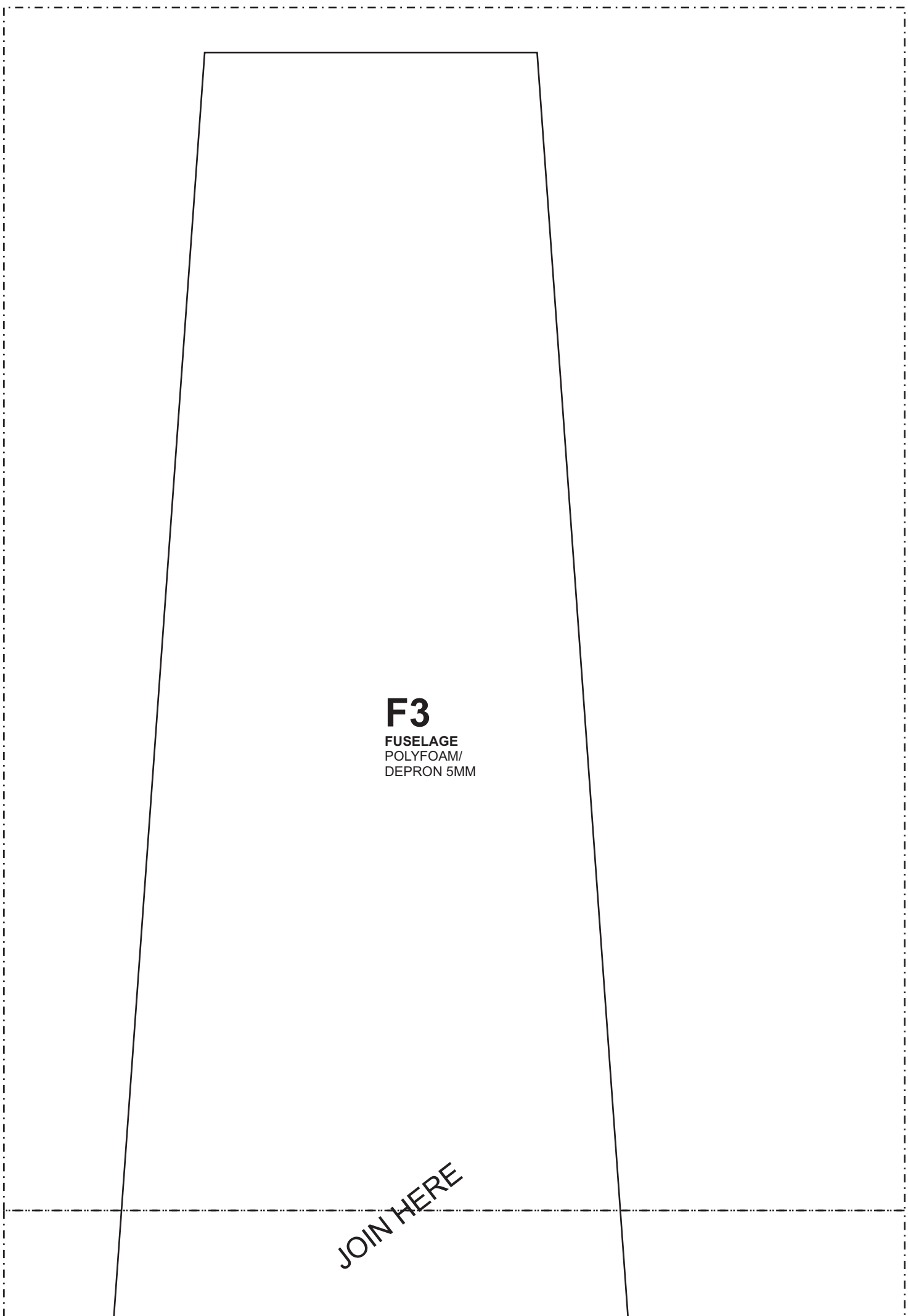
JOIN HERE

F5

JOIN HERE

F5

FUSELAGE FORMER
POLYFOAM/
DEPRON 5MM



F3

FUSELAGE
POLYFOAM/
DEPRON 5MM

JOIN HERE

JOIN HERE

F3

F9

FUSELAGE
POLYFOAM/
DEPRON 5MM
2X MIRRORED



JOIN HERE

F10

FUSELAGE
POLYFOAM/
DEPRON 5MM
2X MIRRORED



JOIN HERE

JOIN HERE

JOIN HERE

F9

F10



F12
FUSELAGE
POLYFOAM/
DEPRON 5MM
2X MIRRORED





UP



UP



FRONT

F11

FUSELAGE
POLYFOAM/
DEPRON 5MM
2X MIRRORED

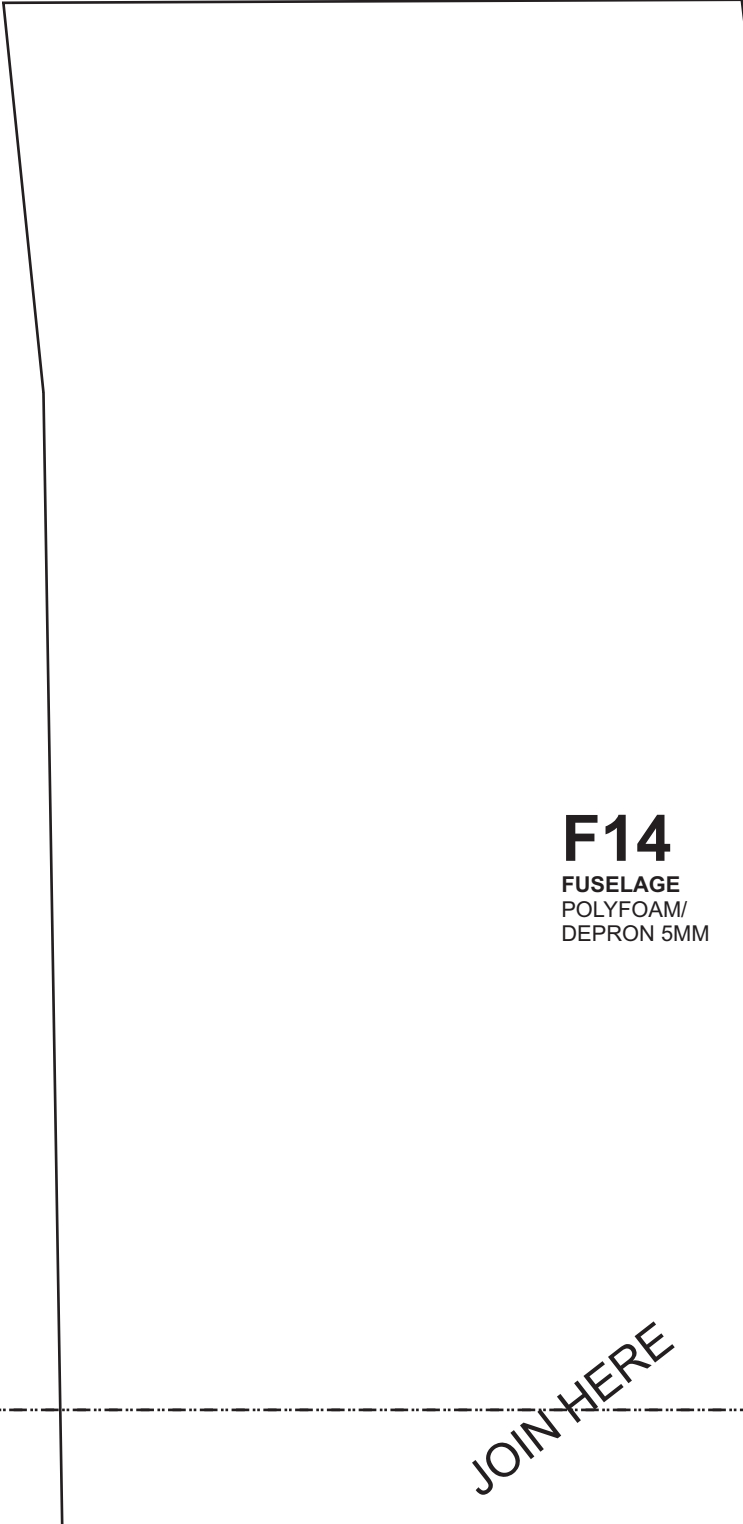
F13

FUSELAGE
POLYFOAM/
DEPRON 5MM

JOIN HERE

JOIN HERE

F13



F14

FUSELAGE
POLYFOAM/
DEPRON 5MM

JOIN HERE

F14

JOIN HERE

JOIN HERE

JOIN HER

F14

JOIN HERE

JOIN HERE

JOIN HERE

F14

JOIN HERE

JOIN HERE

JOIN HERE

F14

JOIN HERE

JOIN HERE

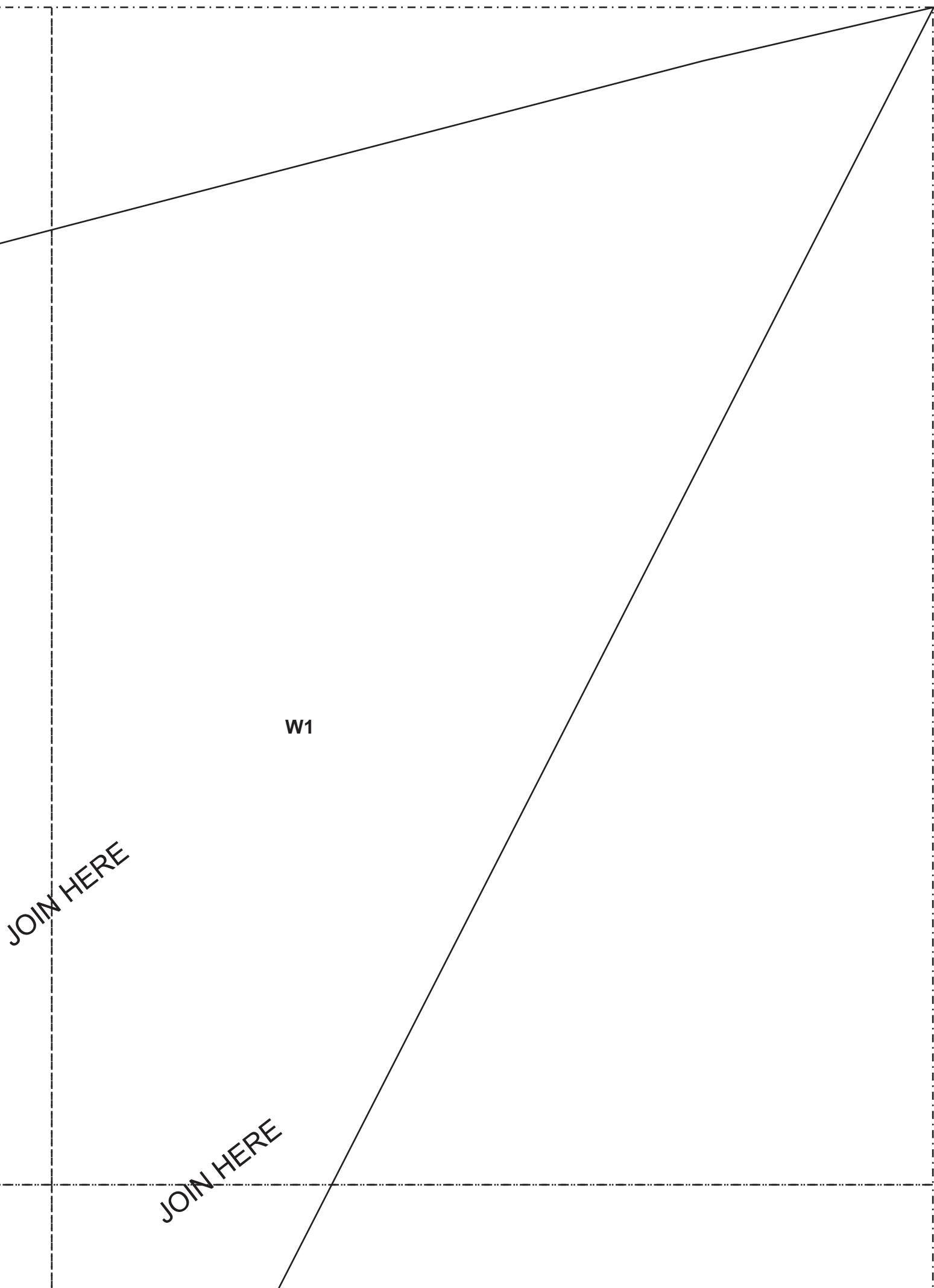
F14

W1

WING TOP
POLYFOAM/
DEPRON 5MM
2X MIRRORED

JOIN HERE

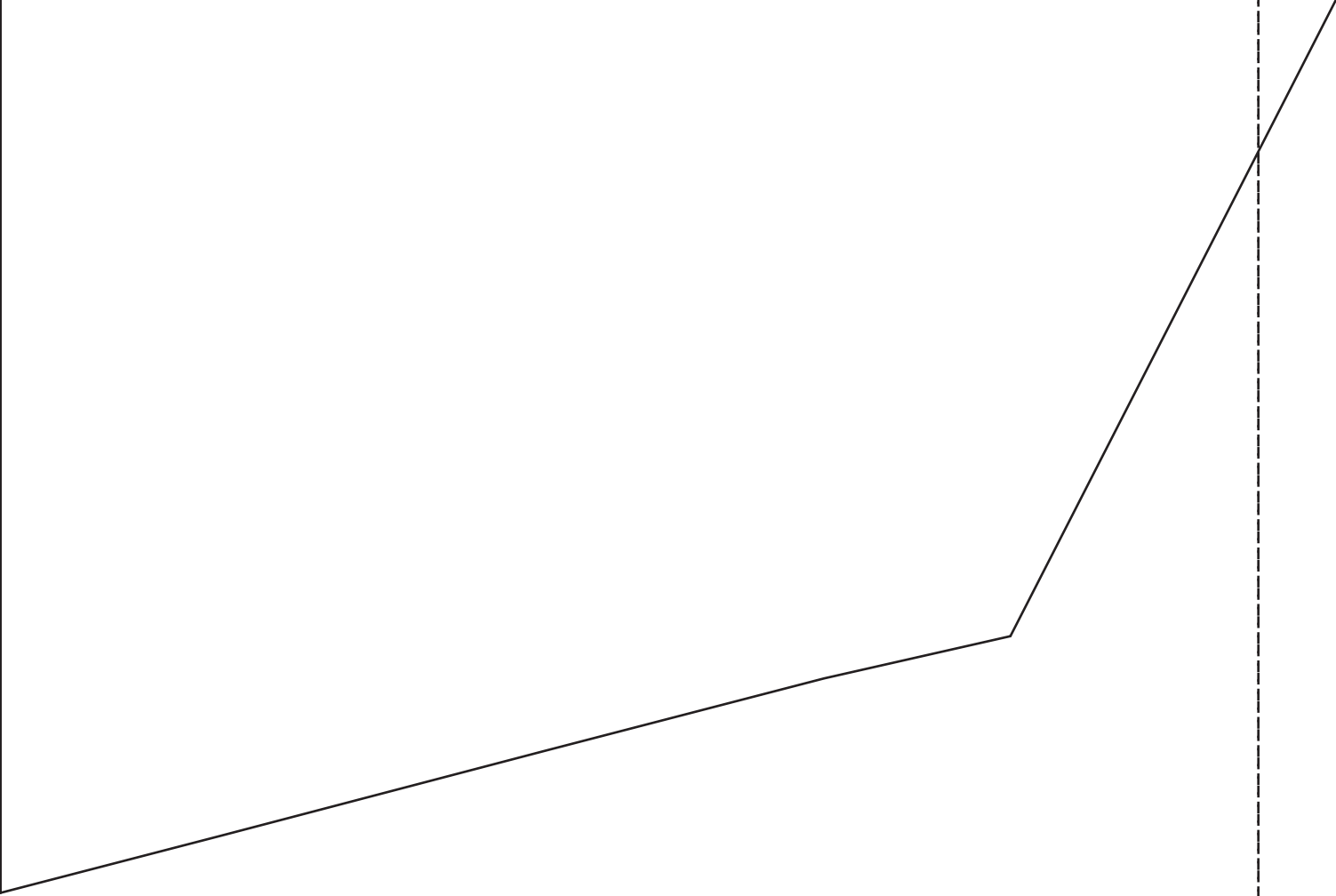
JOIN HERE

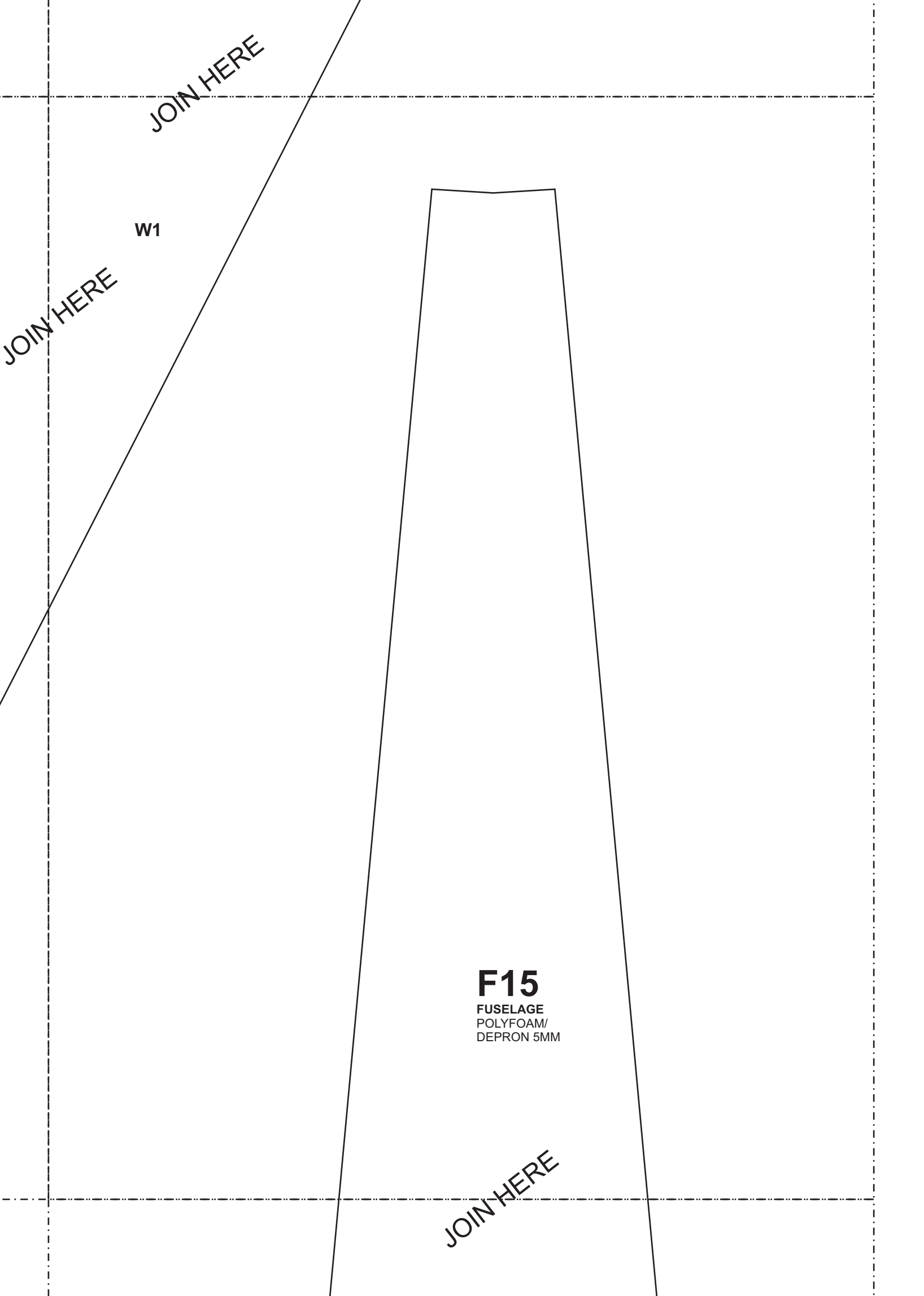


JOIN HERE

JOIN HERE

W1





JOIN HERE

W1

JOIN HERE

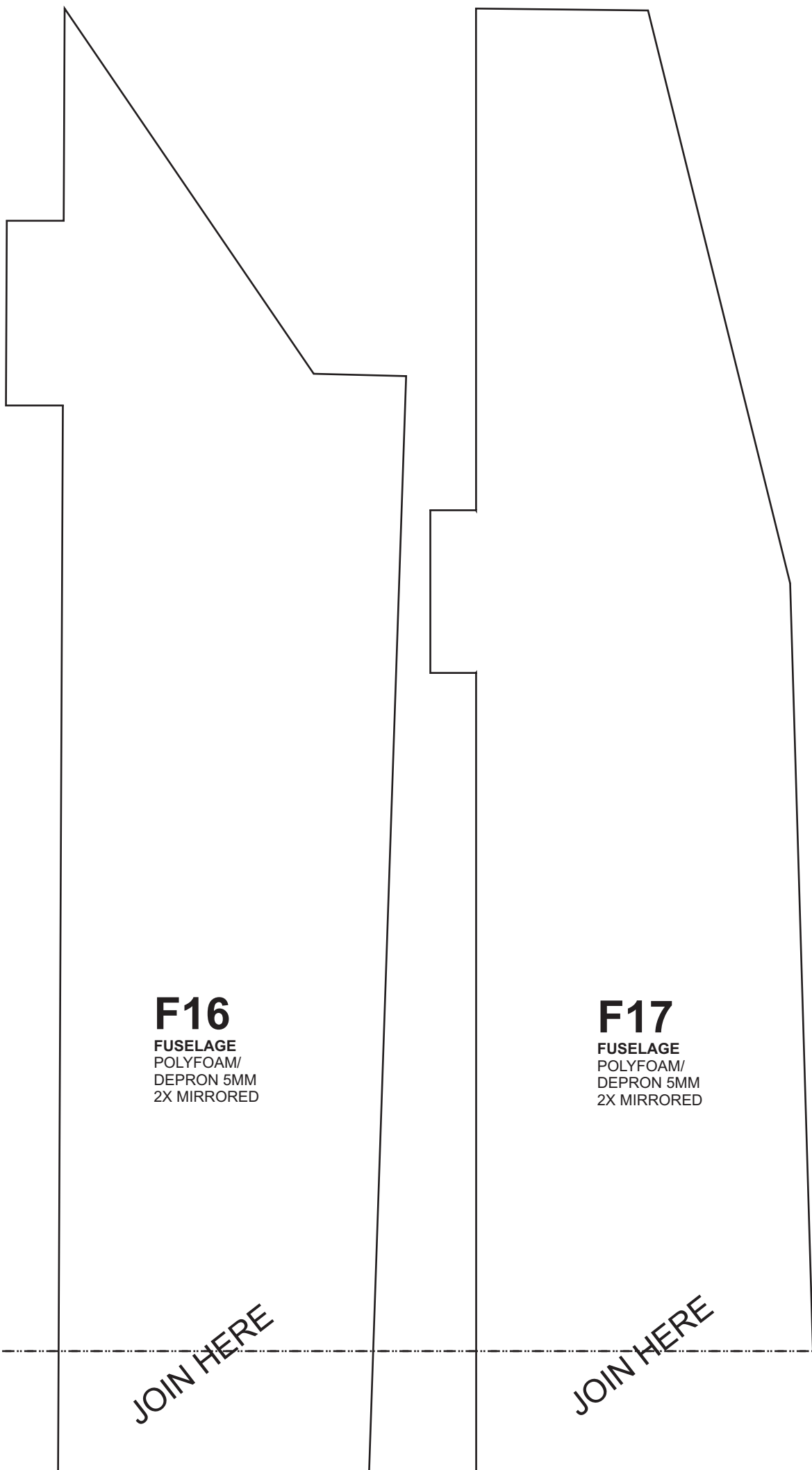
F15

FUSELAGE
POLYFOAM/
DEPRON 5MM

JOIN HERE

JOIN HERE

F15



F16

FUSELAGE
POLYFOAM/
DEPRON 5MM
2X MIRRORED

F17

FUSELAGE
POLYFOAM/
DEPRON 5MM
2X MIRRORED

JOIN HERE

JOIN HERE

JOIN HERE

JOIN HERE

F16

F17

JOIN HERE

JOIN HERE

JOIN HERE

F16

JOIN HERE

F17

F20

FUSELAGE
POLYFOAM/
DEPRON 5MM
2X MIRRORED

F19

FUSELAGE
POLYFOAM/
DEPRON 5MM
2X MIRRORED

F18

FUSELAGE
POLYFOAM/
DEPRON 5MM
2X MIRRORED

JOIN HERE

JOIN HERE

F18

JOIN HERE

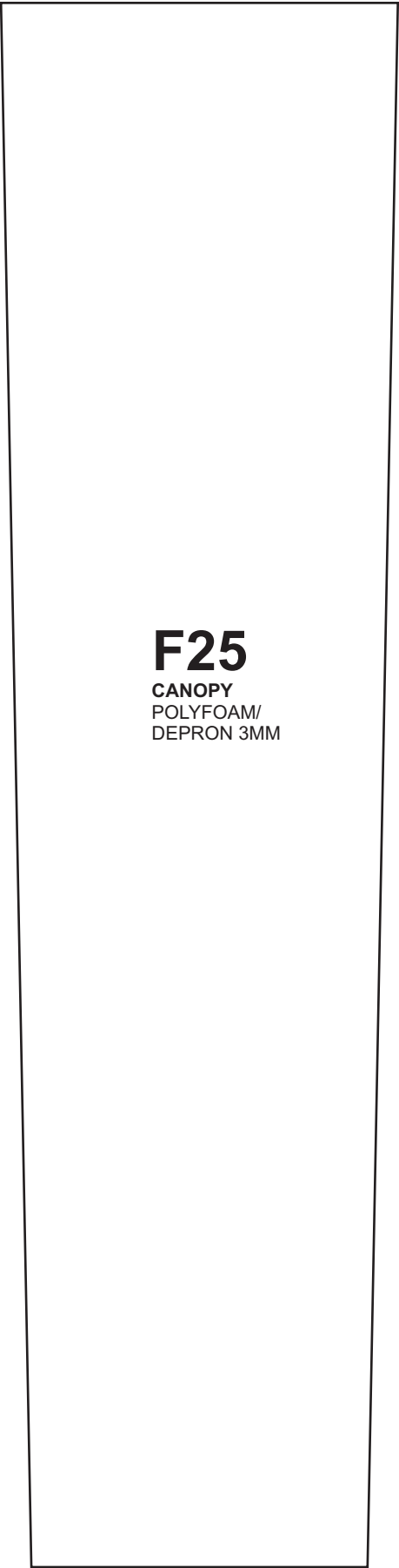
JOIN HERE

F18

F22
CANOPY
POLYFOAM/
DEPRON 5MM

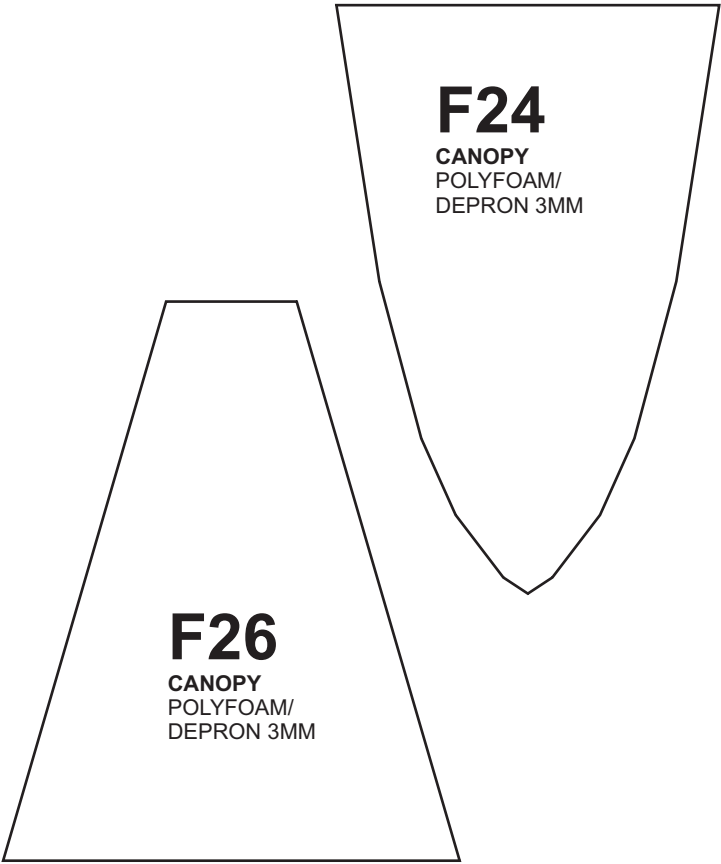
F21
CANOPY
POLYFOAM/
DEPRON 5MM

F23
CANOPY
POLYFOAM/
DEPRON 5MM



F25

CANOPY
POLYFOAM/
DEPRON 3MM

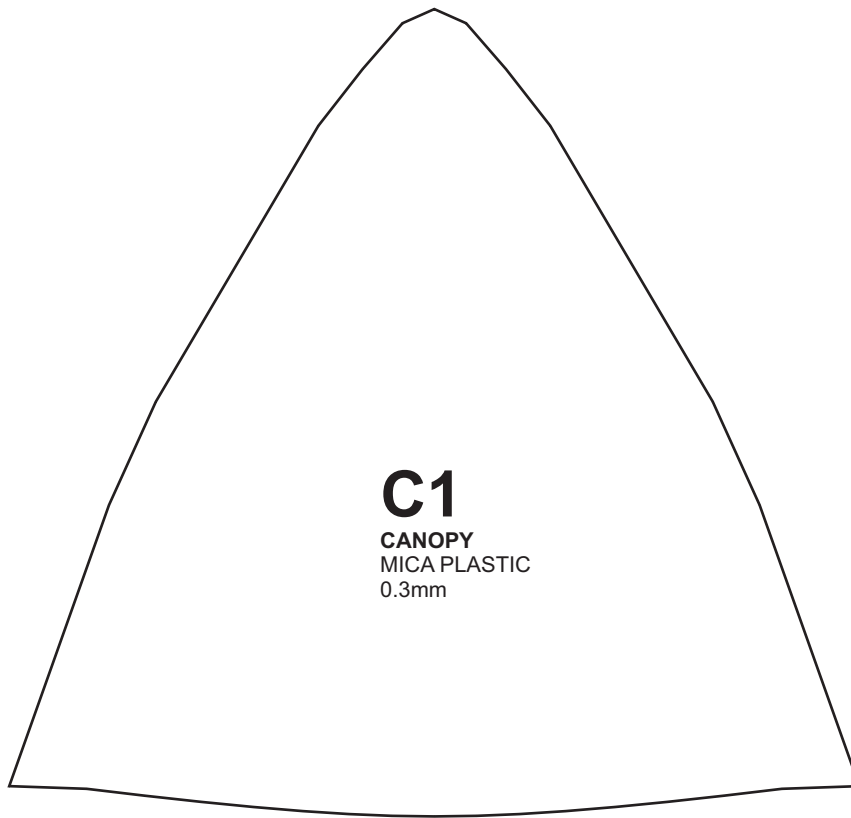


F24

CANOPY
POLYFOAM/
DEPRON 3MM

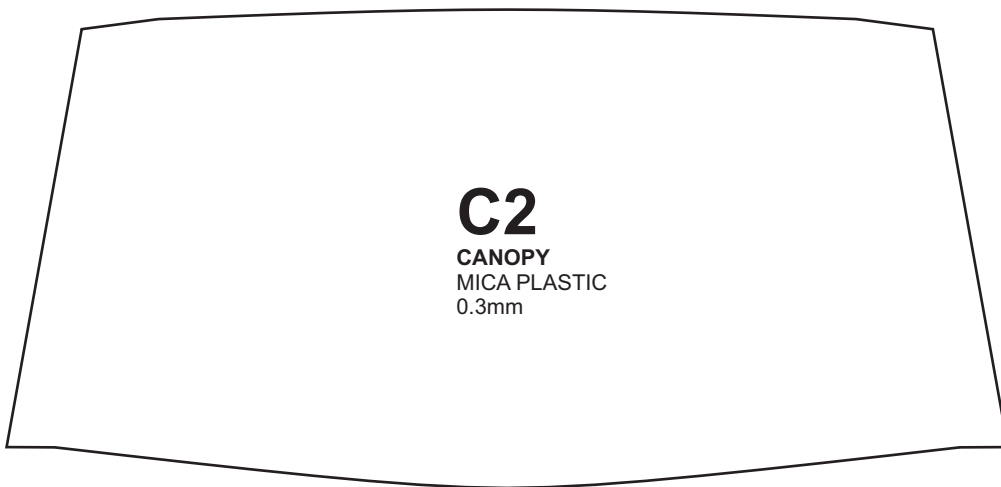
F26

CANOPY
POLYFOAM/
DEPRON 3MM



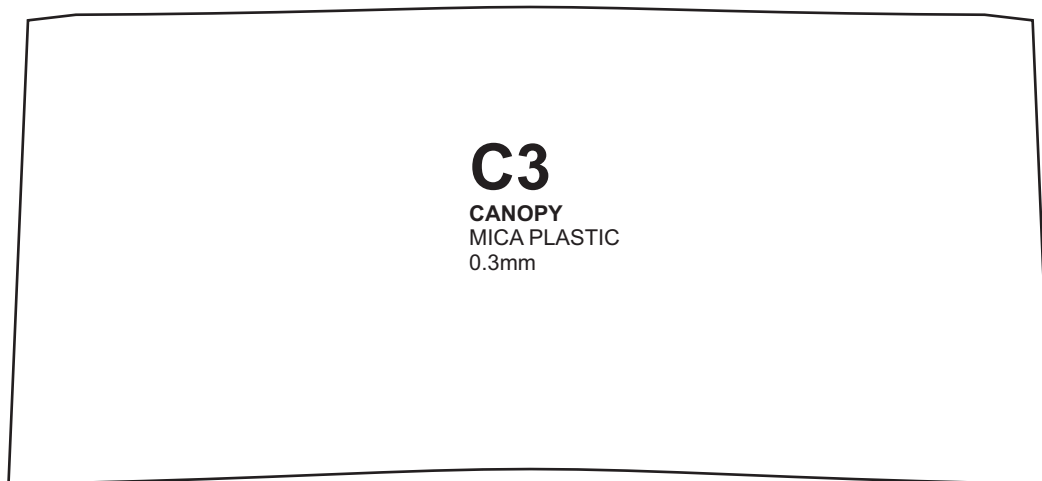
C1

CANOPY
MICA PLASTIC
0.3mm



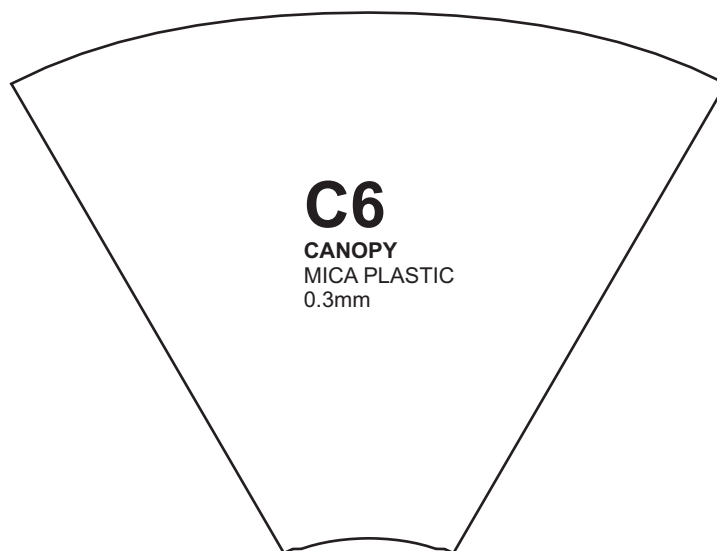
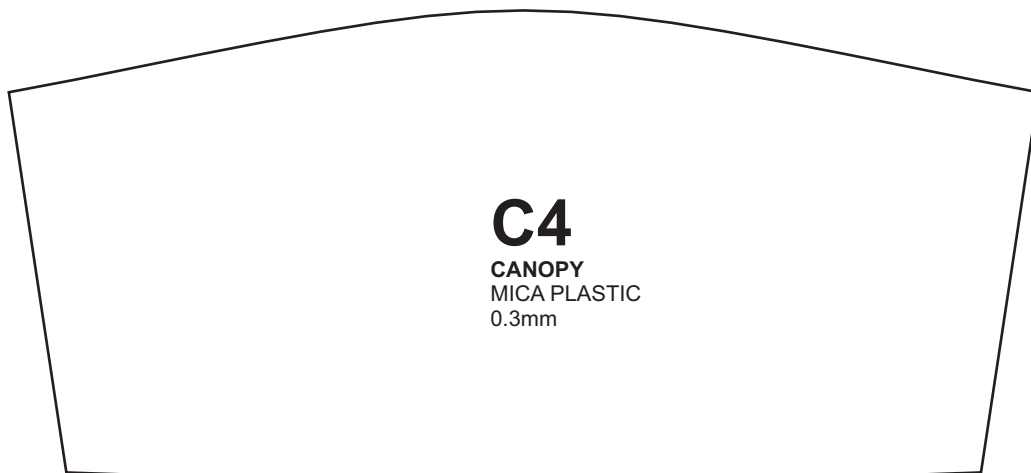
C2

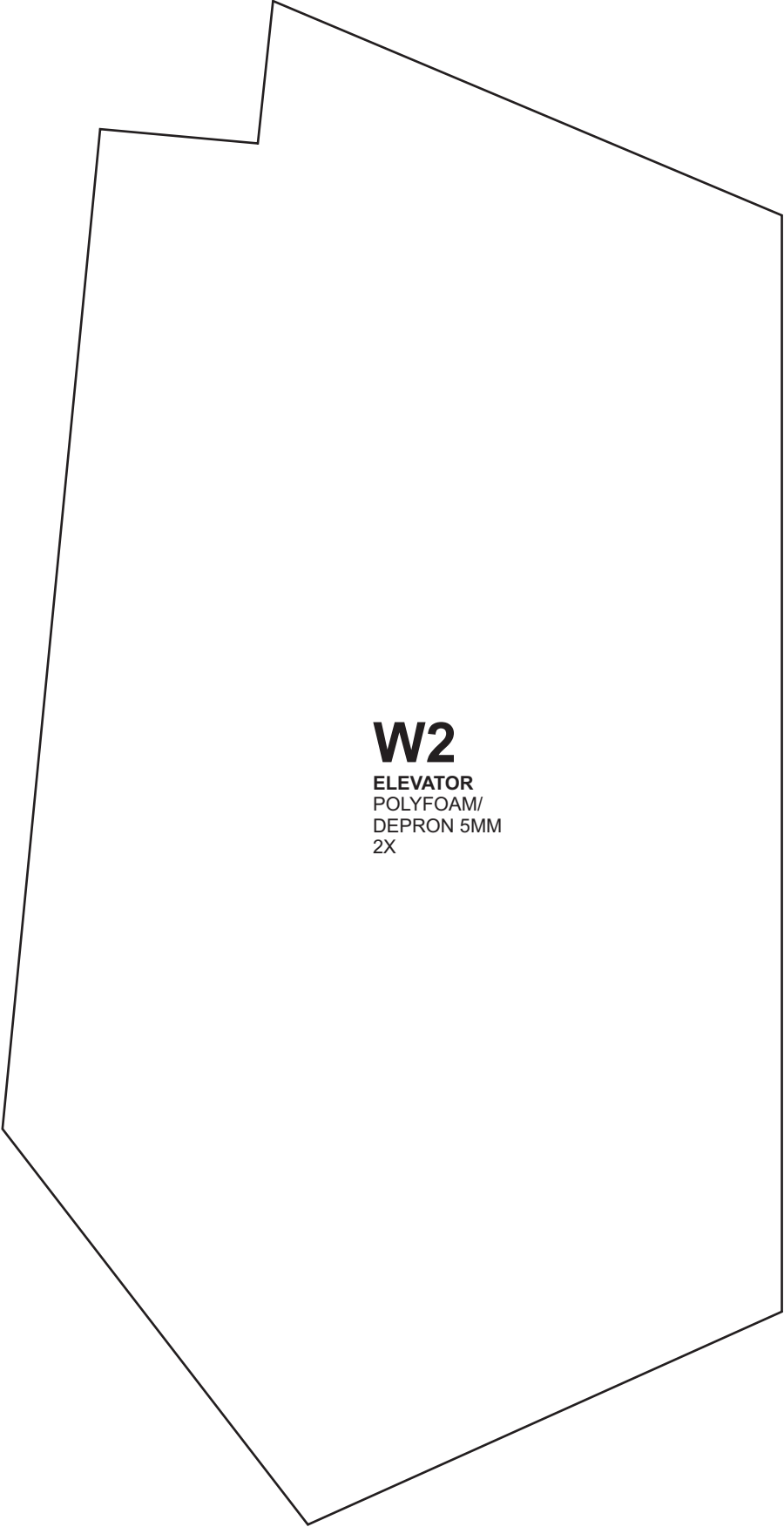
CANOPY
MICA PLASTIC
0.3mm



C3

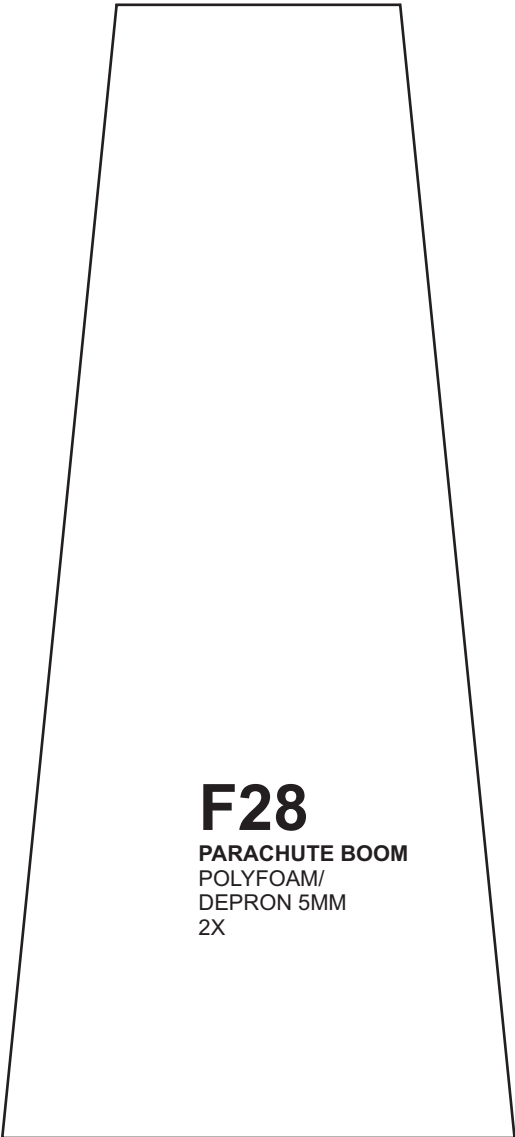
CANOPY
MICA PLASTIC
0.3mm





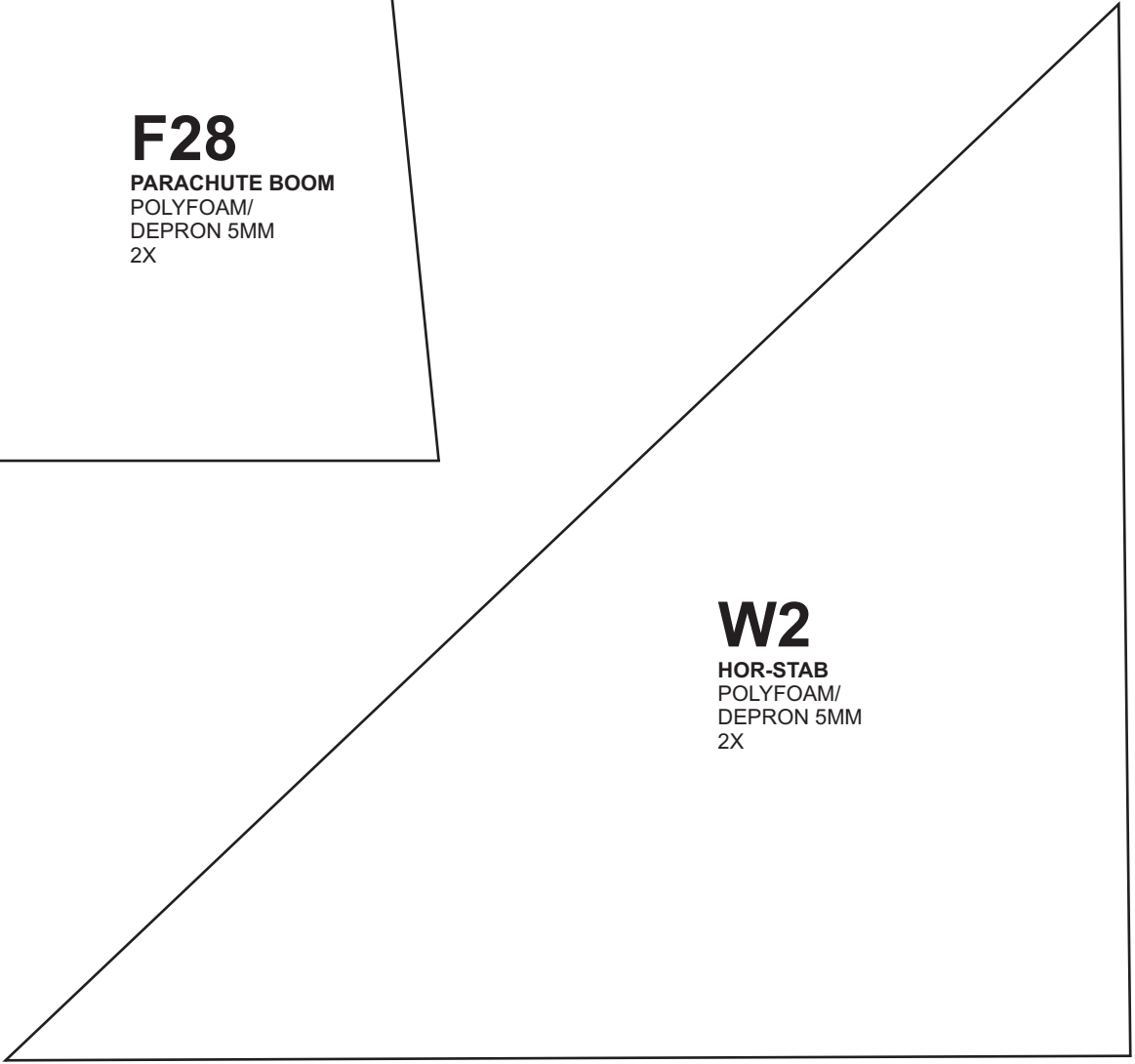
W2

ELEVATOR
POLYFOAM/
DEPRON 5MM
2X



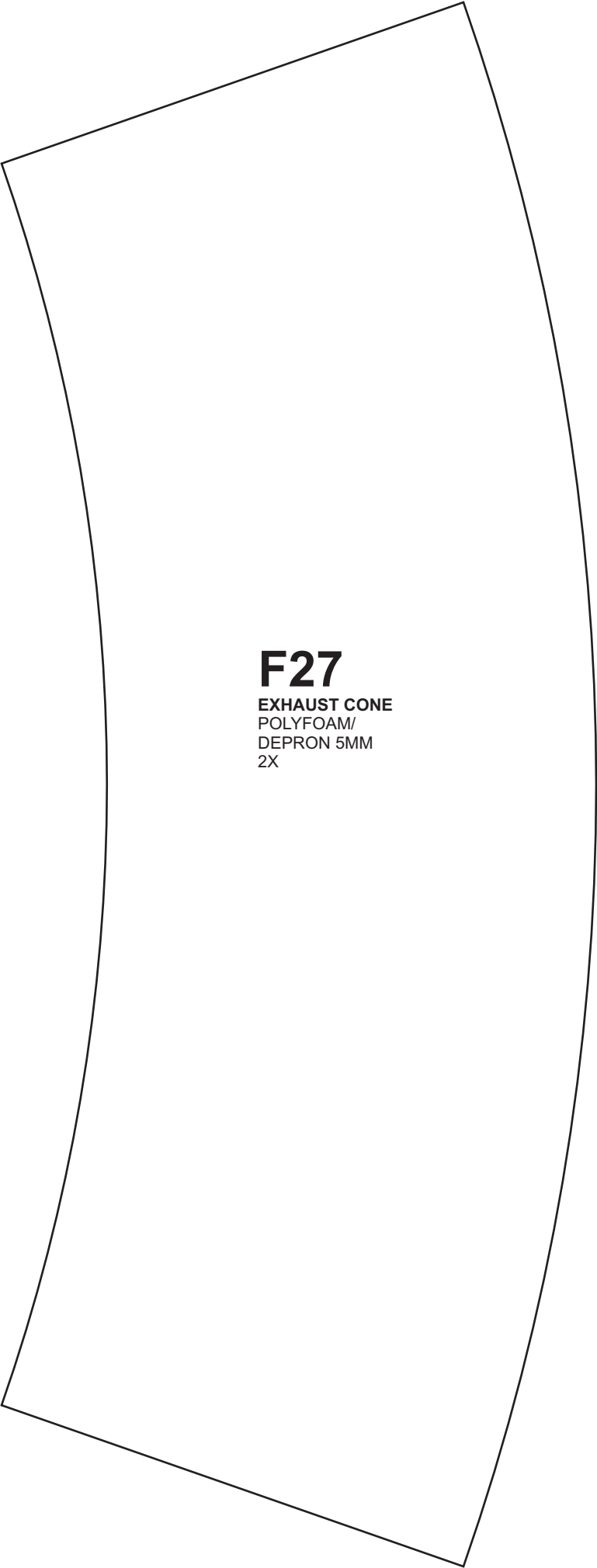
F28

PARACHUTE BOOM
POLYFOAM/
DEPRON 5MM
2X



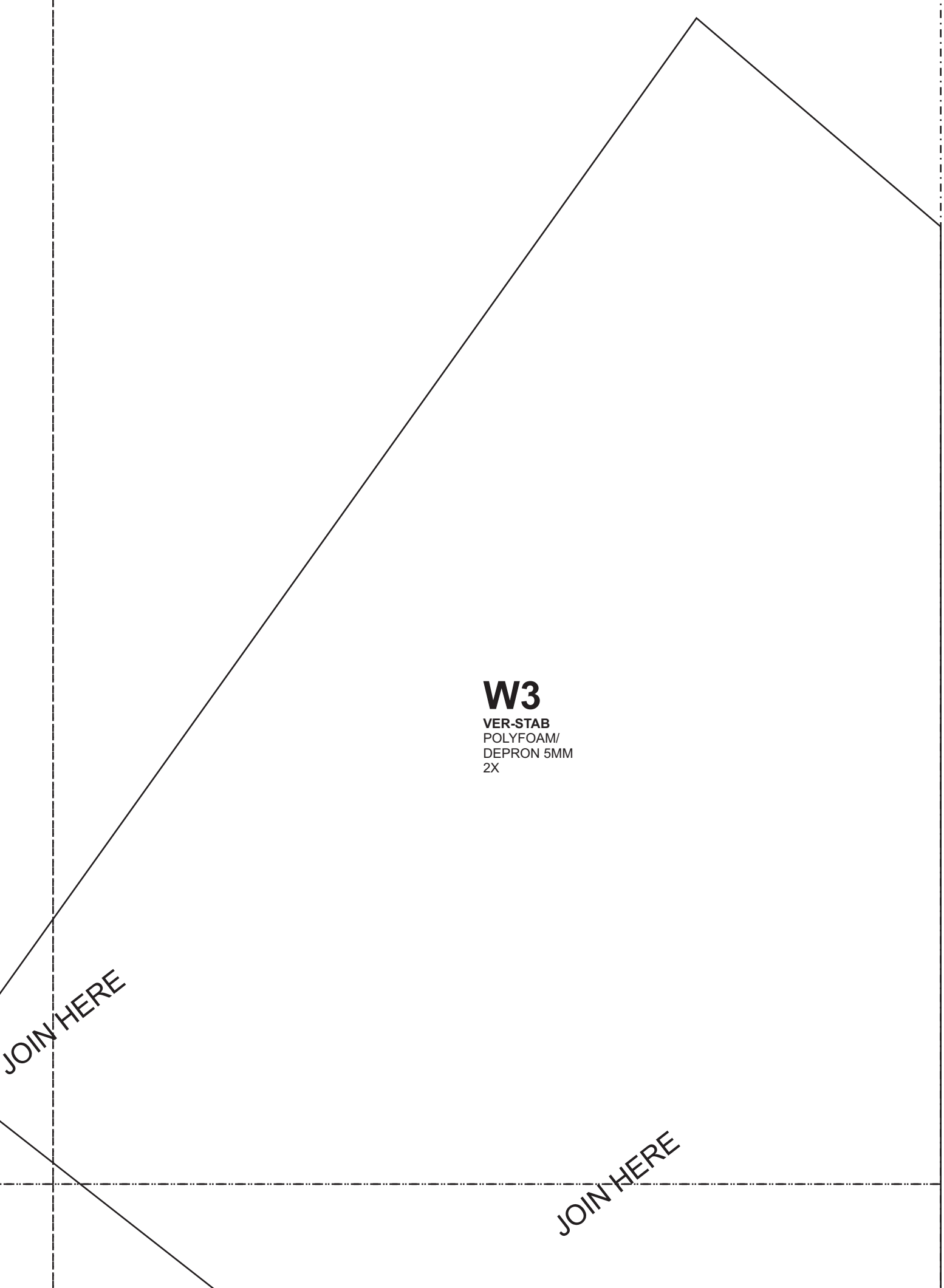
W2

HOR-STAB
POLYFOAM/
DEPRON 5MM
2X



F27

EXHAUST CONE
POLYFOAM/
DEPRON 5MM
2X



W3

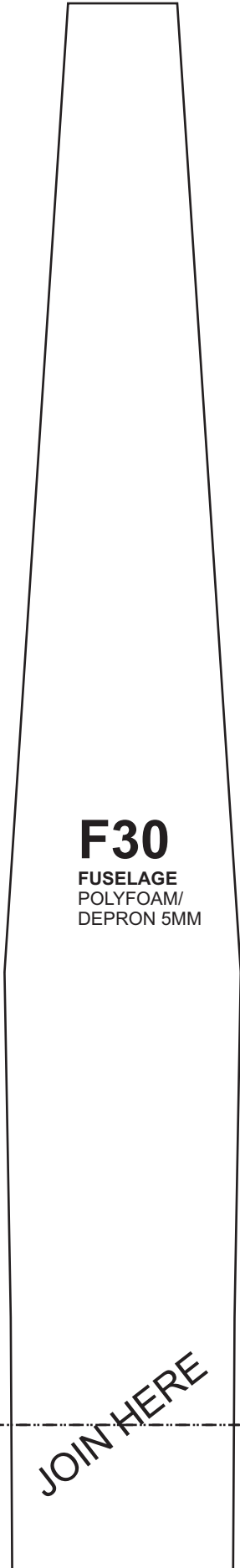
VER-STAB
POLYFOAM/
DEPRON 5MM
2X

JOIN HERE

JOIN HERE

JOIN HERE

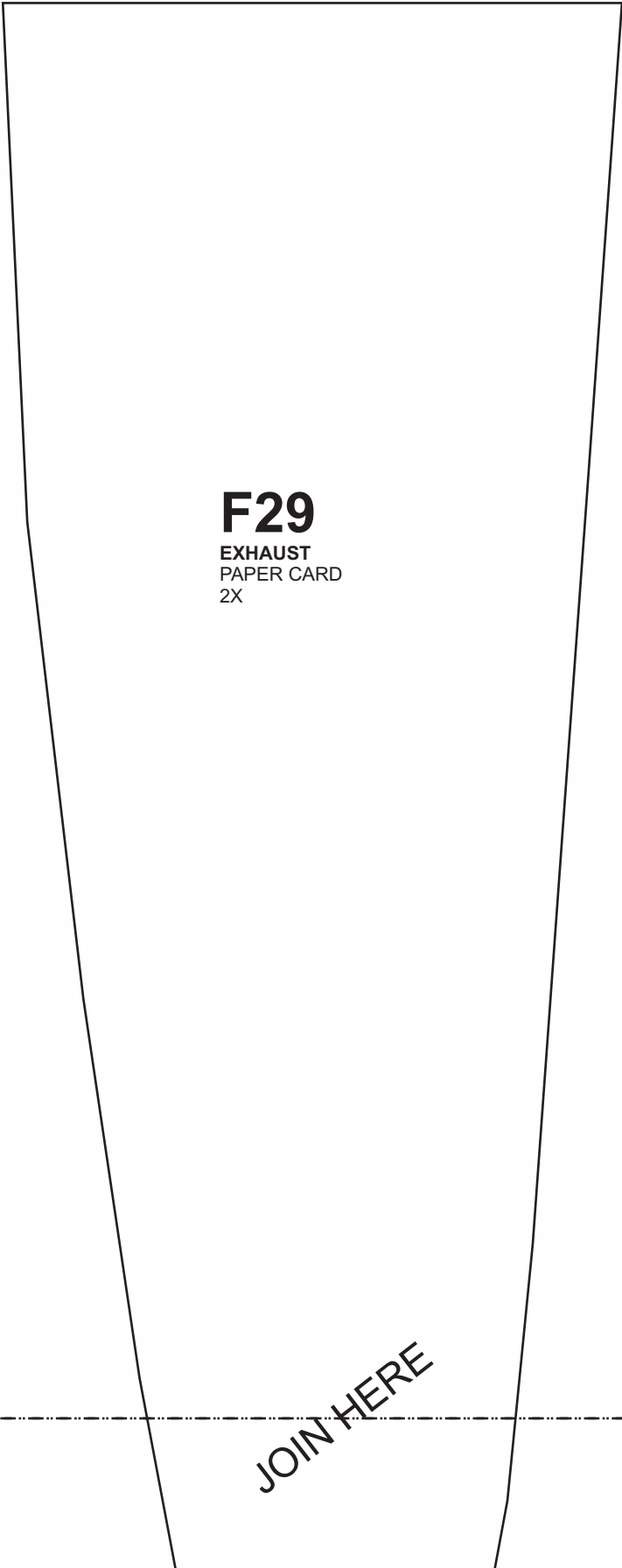
W3



F30

FUSELAGE
POLYFOAM/
DEPRON 5MM

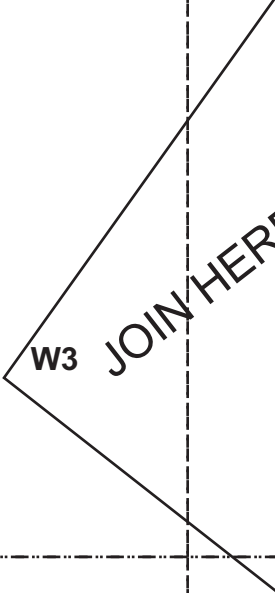
JOIN HERE



F29

EXHAUST
PAPER CARD
2X

JOIN HERE



W3

JOIN HERE

JOIN HERE

JOIN HERE

W5

WING TIP
POLYFOAM/
DEPRON 5MM
4X

F29

F31

MOTOR MOUNT
POLYFOAM/
DEPRON 5MM
2X

F30

F32

MOTOR MOUNT
POLYFOAM/
DEPRON 5MM

JOIN HERE

JOIN HERE

JOIN HERE

JOIN HERE

JOIN HERE

JOIN HERE

F30

F32

F31

F35

MOTOR MOUNT
POLYFOAM/
DEPRON 5MM

JOIN HERE

JOIN HERE

F30

W4

FIN
POLYFOAM/
DEPRON 5MM
2X

F36

NOSE CONE
POLYFOAM/
DEPRON 5MM

JOIN HERE

F37

JOIN HERE

JOIN HERE

F36

F38

NOSE CONE
POLYFOAM/
DEPRON 5MM

JOIN HERE

F37

NOSE CONE
POLYFOAM/
DEPRON 5MM