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FT Simple Cub

Designed By: Josh Bixler

Drawing By: Dan Sponholz

Version: 1.1

Date: 2017.12.07



SPECIFICATIONS

DESCRIPTION		IMPERIAL	METRIC
LENGTH		30.5 in	775 mm
CENTER OF GRAVITY	CG	1.75 in	45 mm
WING SPAN		38 in	965 mm
WING AREA		302 in ²	19.5 dm ²
DRY WEIGHT		14.4 oz	408 g
ALL UP WEIGHT	AUW	17.25 oz	489 g
WING LOADING	WL	8.23 oz/ft ²	25.1 g/dm ²
WING CUBIC LOADING	WCL	5.7	

RECOMMENDED SETTINGS

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



Build Skill Level :



Pilot Skill Level :





FT Simple Cub: Sheet & Tile Key

1	2	3	4
5	6	7	8

9	10	11	12
13	14	15	16

17	18	19	20
21	22	23	24

25	26	27	28
29	30	31	32

33	34	35	36
37	38	39	40

41	42	43	44
45	46	47	48

49	50	51	52
53	54	55	56

57	58	59	60
61	62	63	64

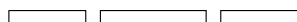
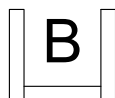
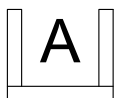
65	66	67	68
69	70	71	72



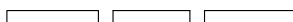
DRAWING KEY



FOLD TYPES



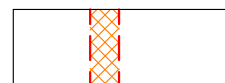
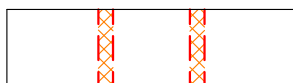
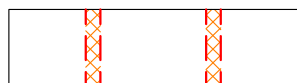
A - FOLD (ABOVE)



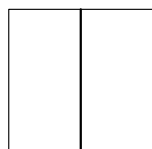
B - FOLD (BESIDE)



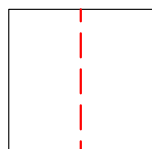
C - FOLD (COVER)



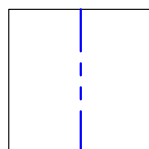
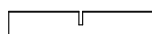
LINE TYPE/COLOR



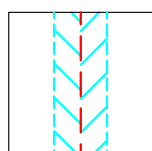
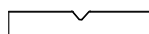
CUT



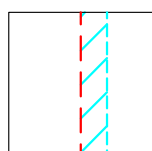
50% SCORE



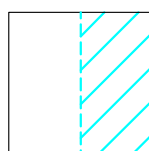
CREASE



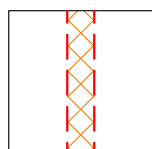
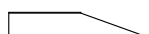
45° DOUBLE
BEVEL



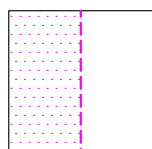
45° SINGLE
BEVEL



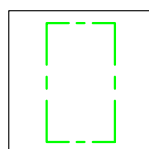
EDGE
BEVEL



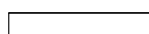
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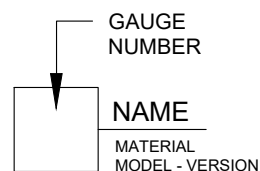
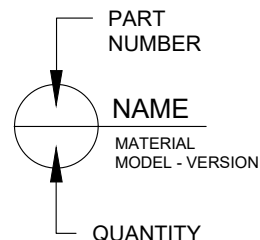
REMOVE
PAPER



REFERENCE/
OPTIONAL



SYMBOLS



CENTER
OF
GRAVITY
(CG)



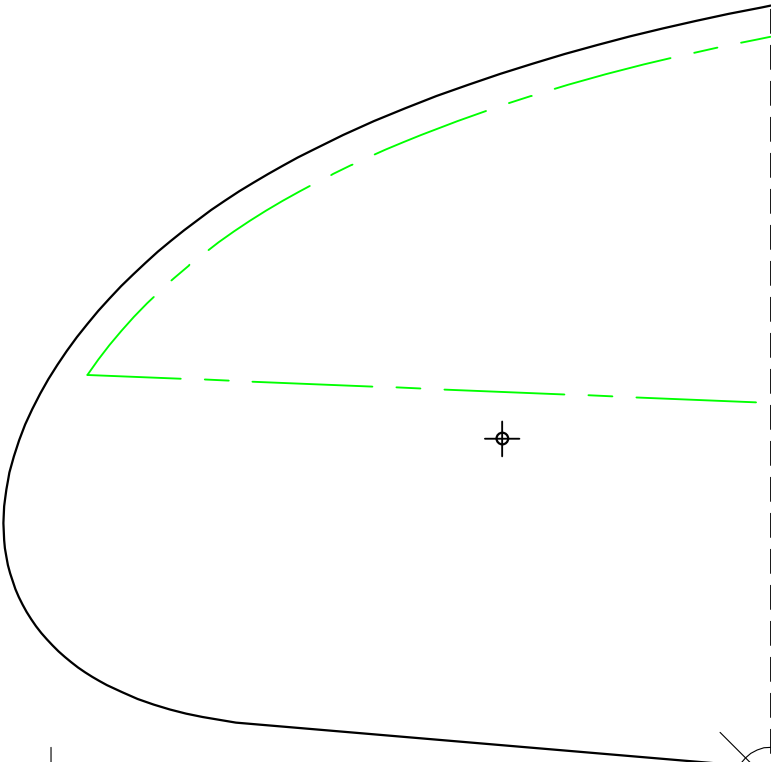
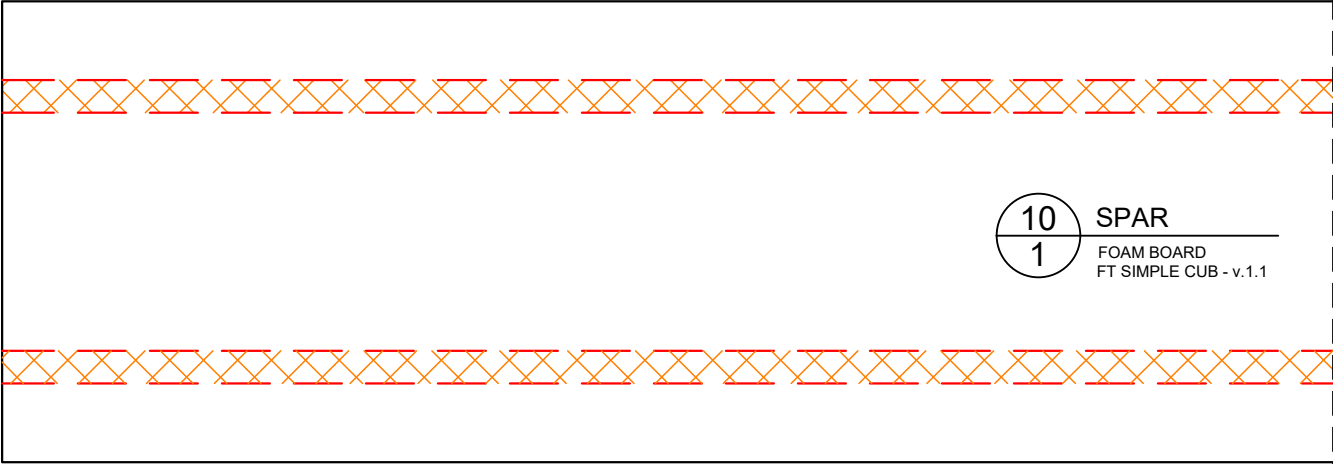
IN
CM



10
1

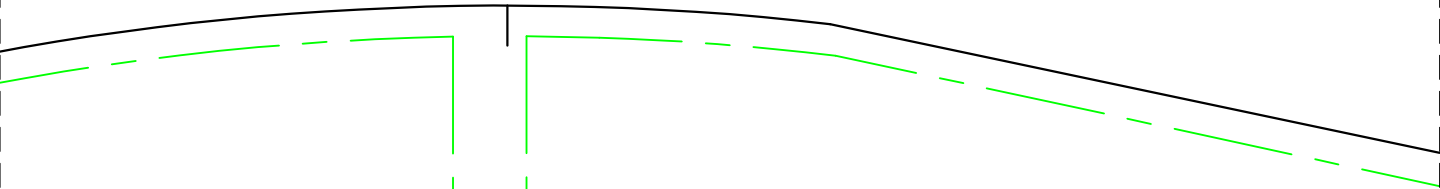
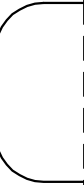
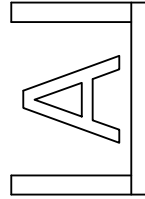
SPAR

FOAM BOARD
FT SIMPLE CUB - v.1.1



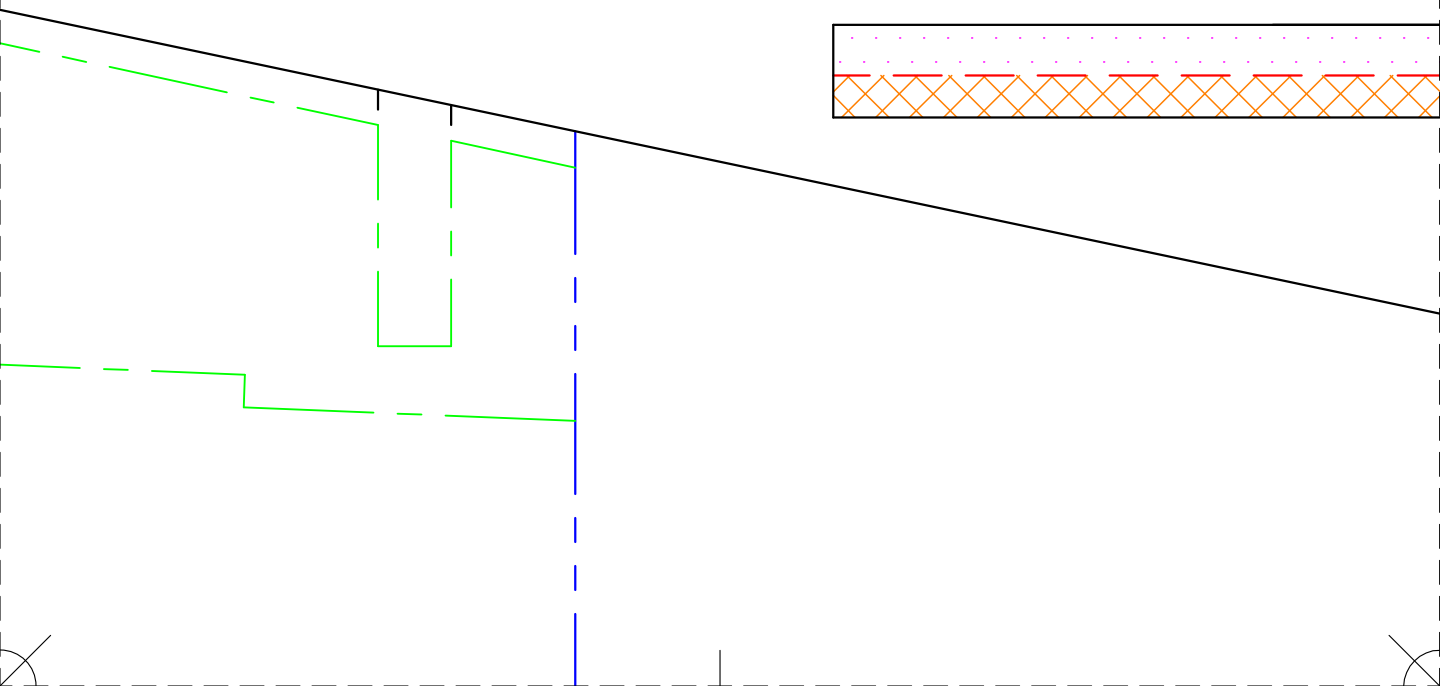
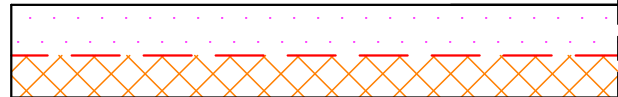
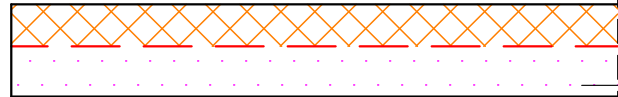
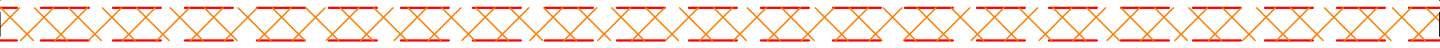
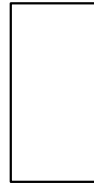
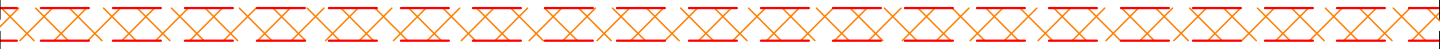


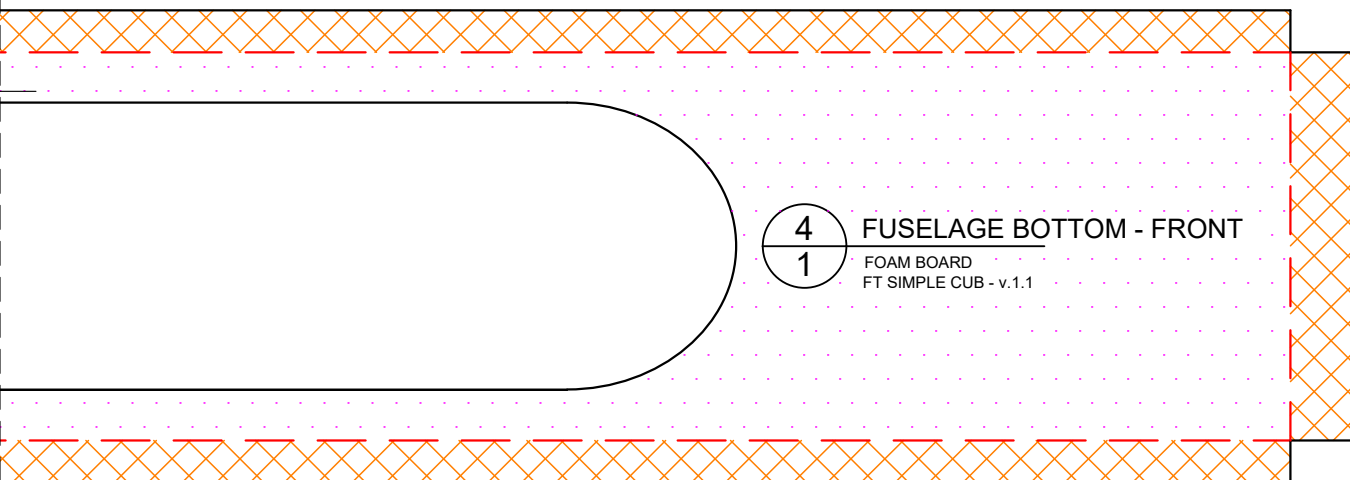
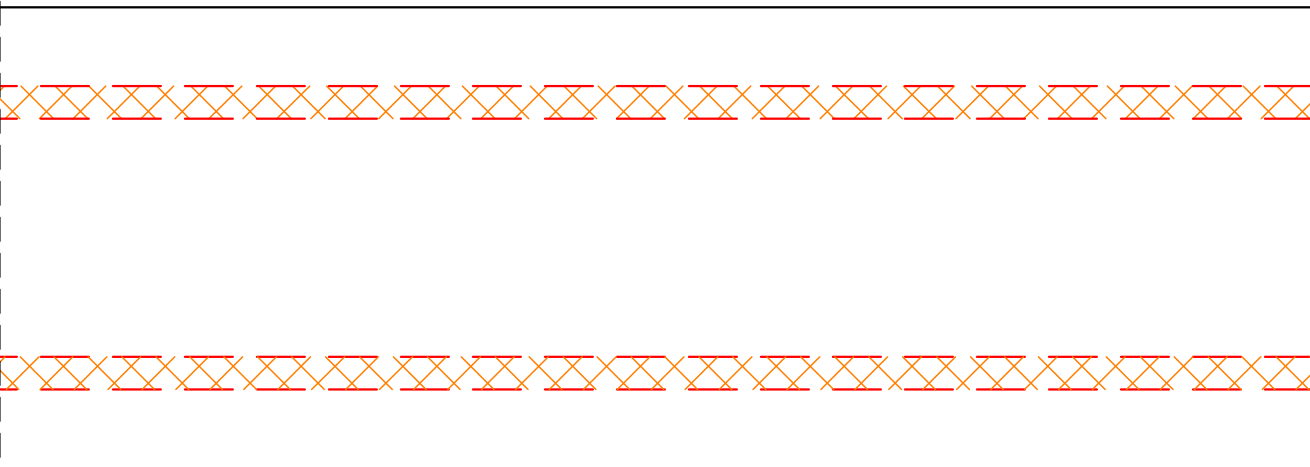
IN
CM





IN
CM

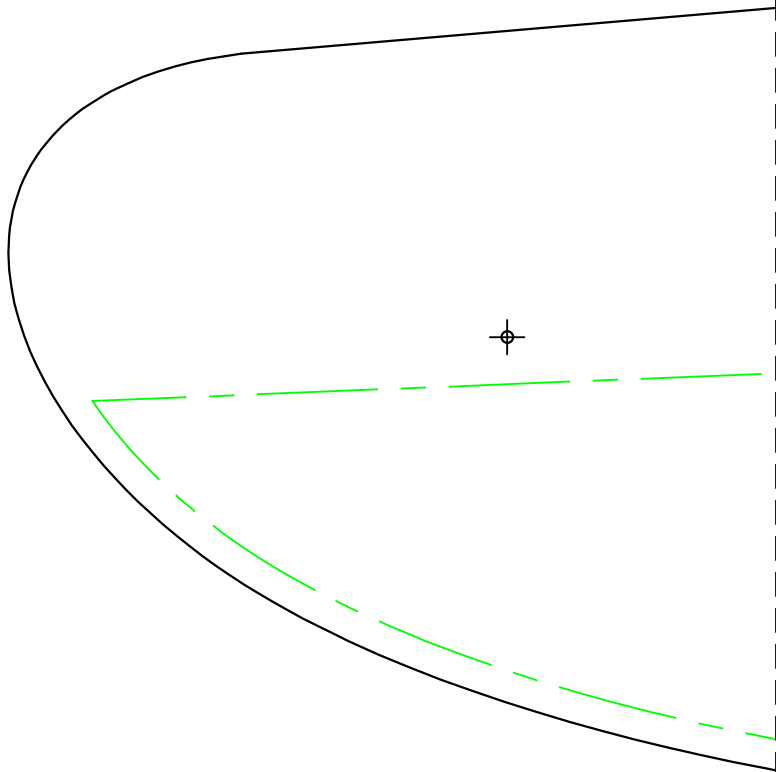
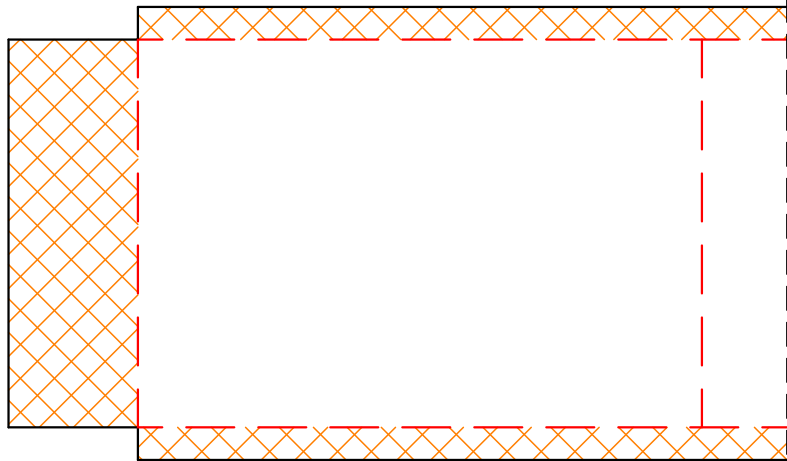


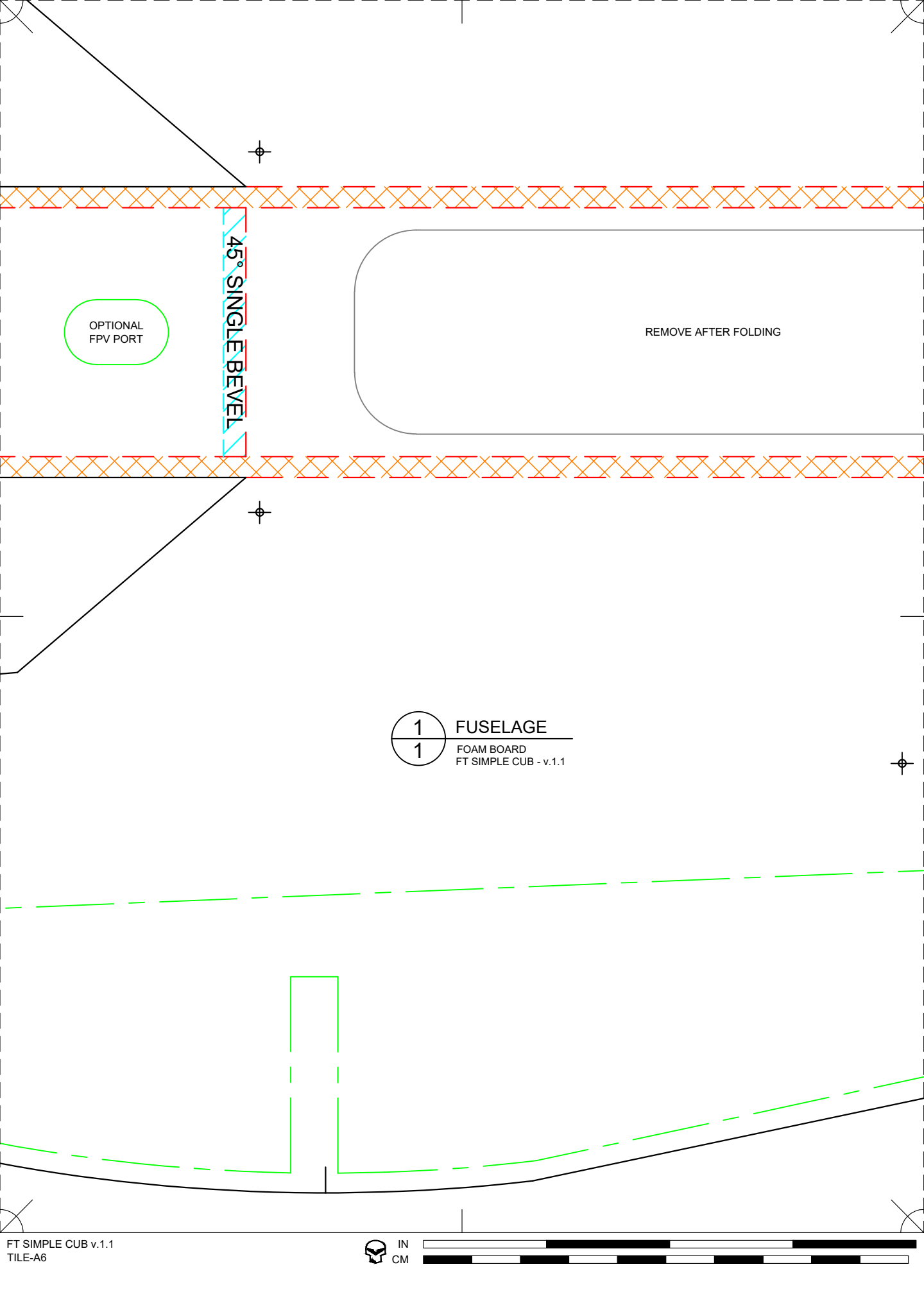


4
1

FUSELAGE BOTTOM - FRONT

FOAM BOARD
FT SIMPLE CUB - v.1.1





45° SINGLE BEVEL

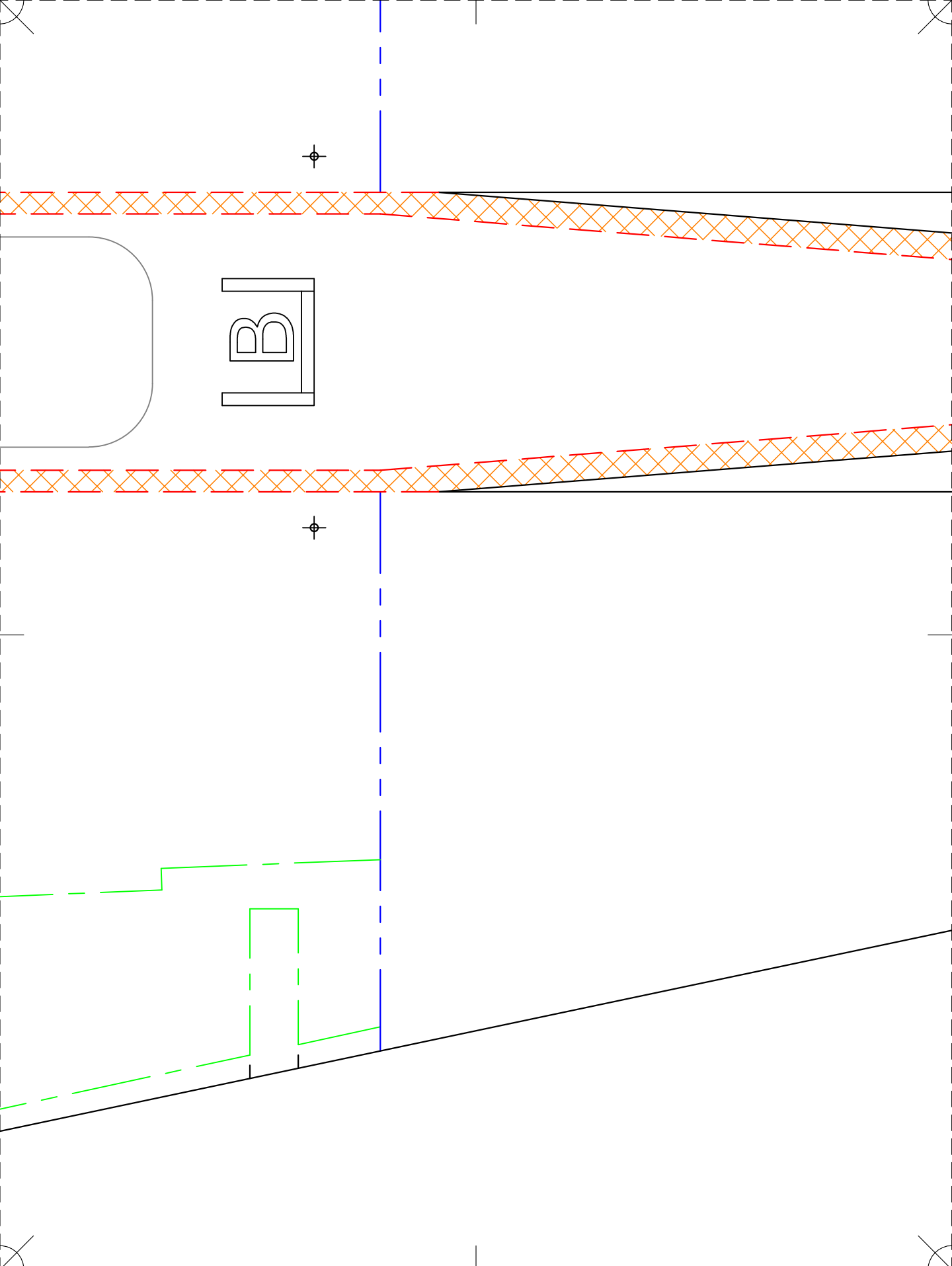
OPTIONAL
FPV PORT

REMOVE AFTER FOLDING

1
1

FUSELAGE

FOAM BOARD
FT SIMPLE CUB - v.1.1

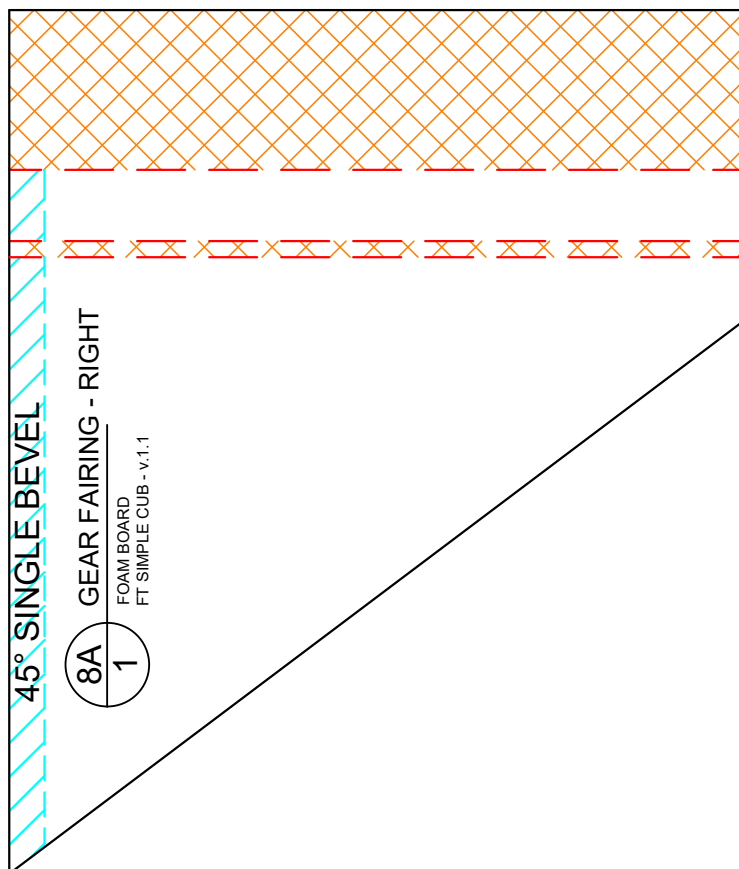


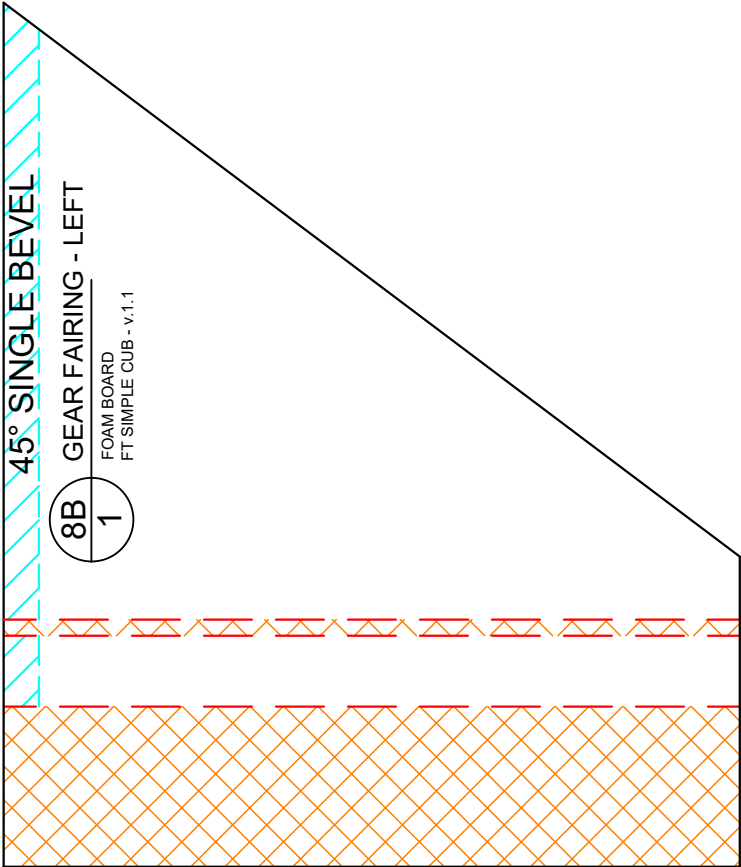
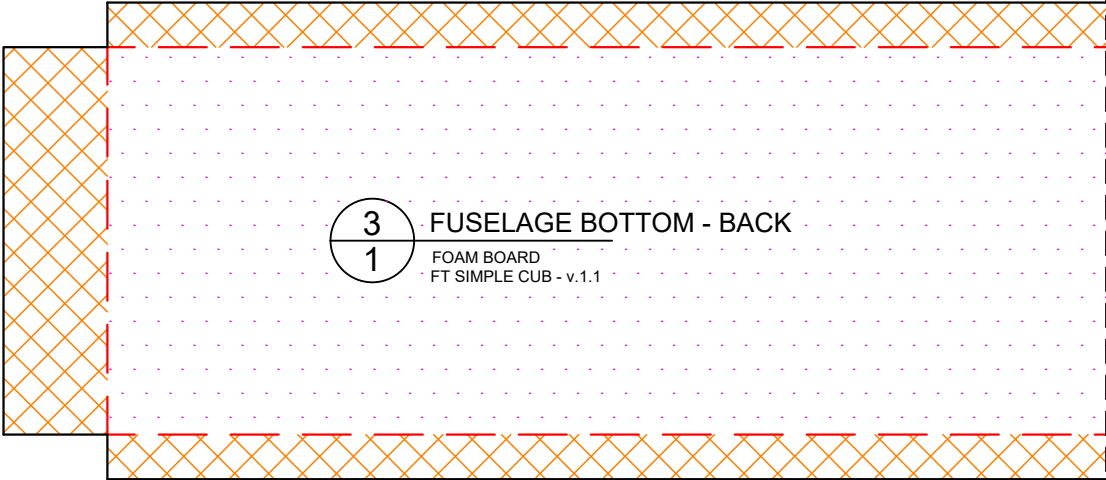
REMOVE AFTER FOLDING

REMOVE AFTER FOLDING

REMOVE AFTER FOLDING

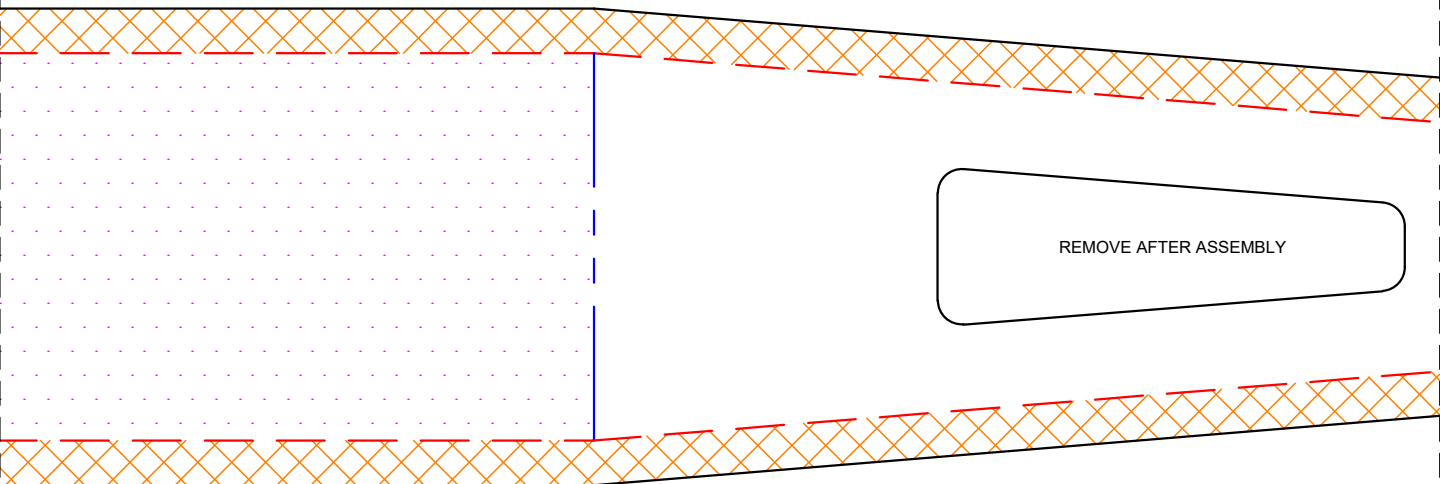




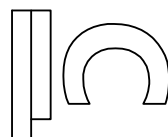
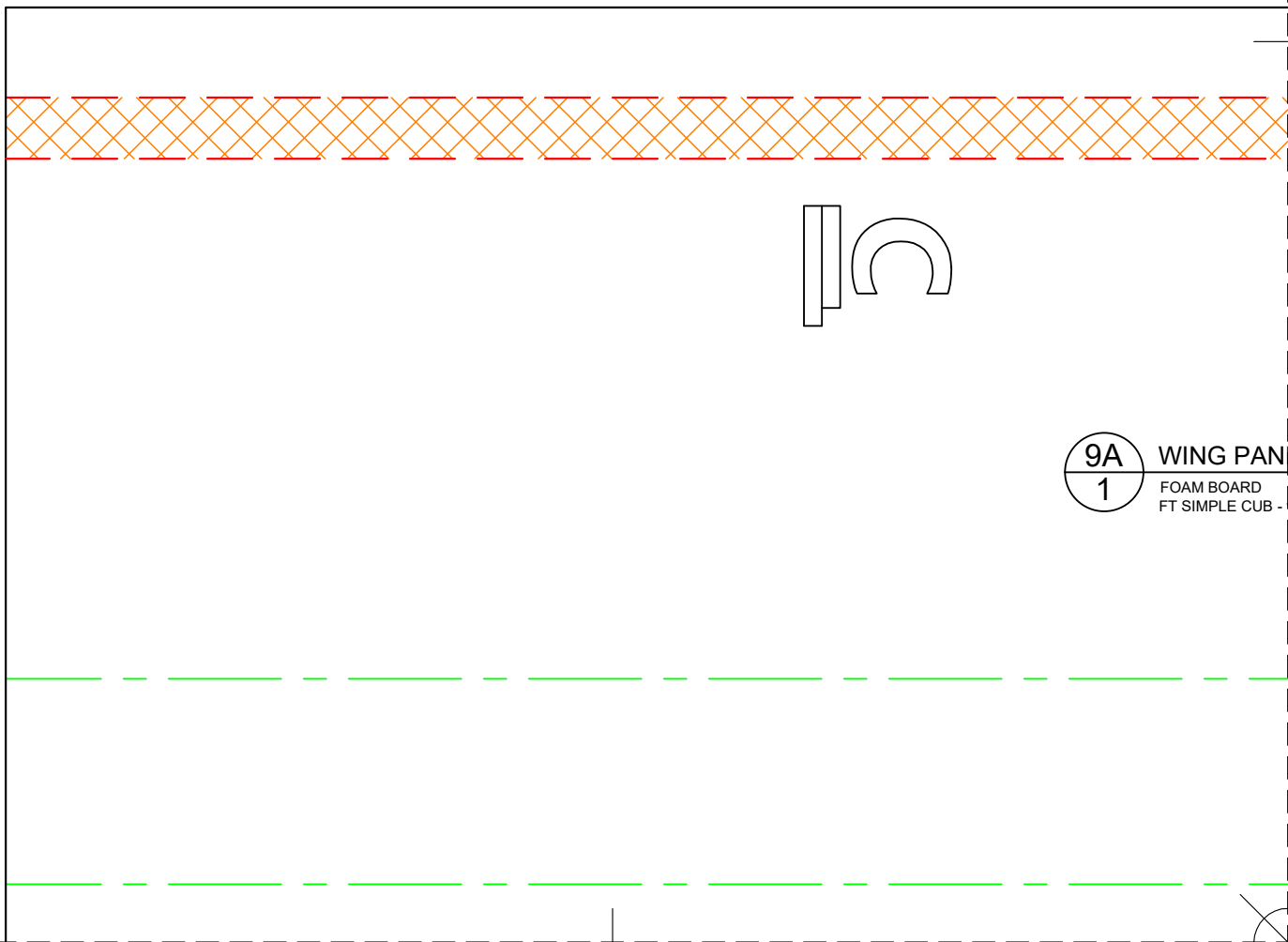




IN
CM



REMOVE AFTER ASSEMBLY

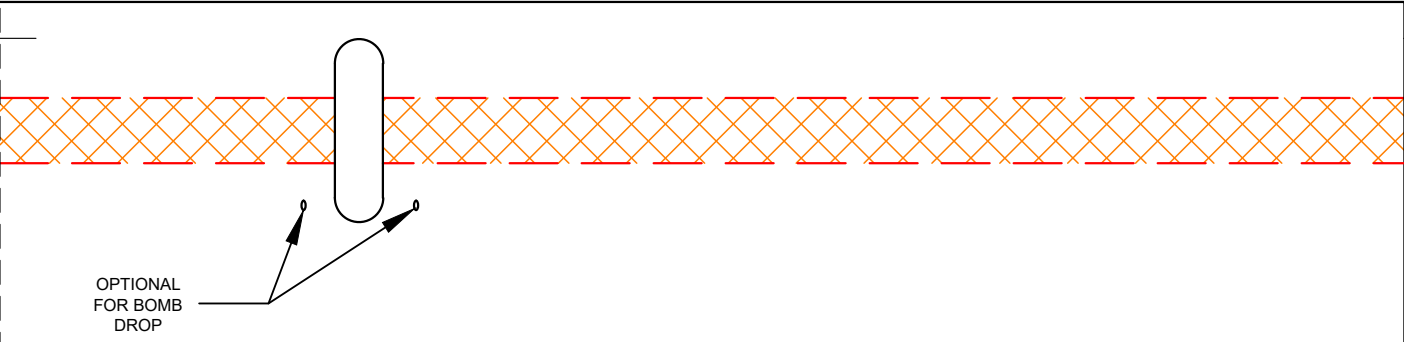
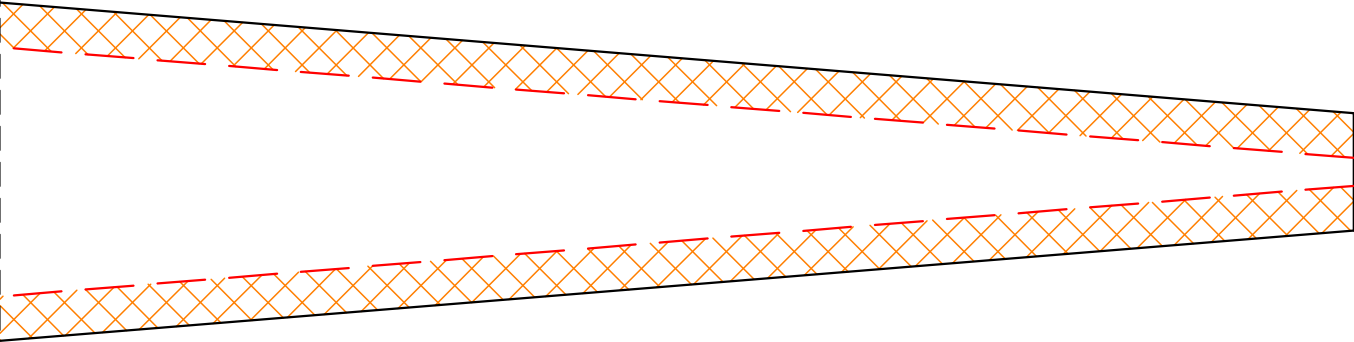


9A
1

WING PAN
FOAM BOARD
FT SIMPLE CUB -



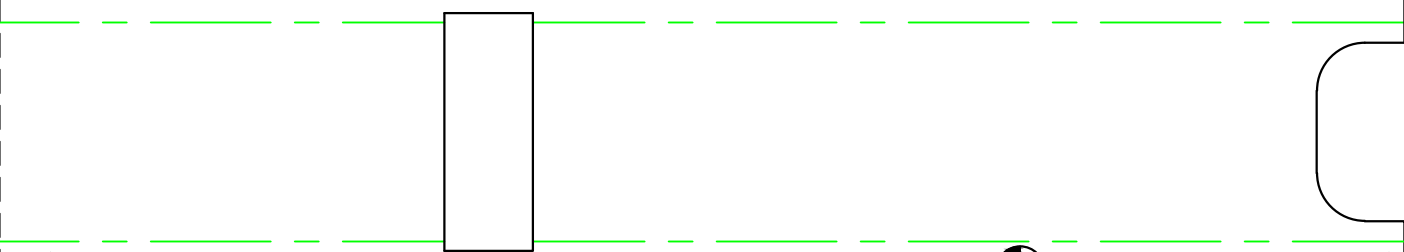
IN
CM

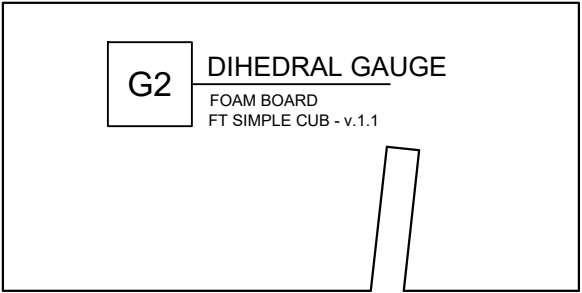


OPTIONAL
FOR BOMB
DROP

EL - RIGHT

v.1.1

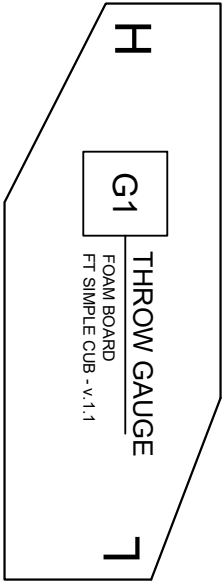




G2

DIHEDRAL GAUGE

FOAM BOARD
FT SIMPLE CUB - v.1.1



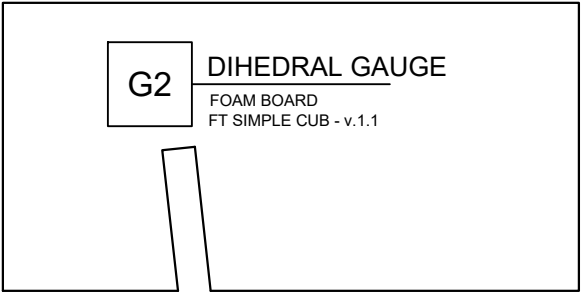
H

G1

THROW GAUGE

FOAM BOARD
FT SIMPLE CUB - v.1.1

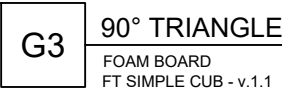
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G2

DIHEDRAL GAUGE

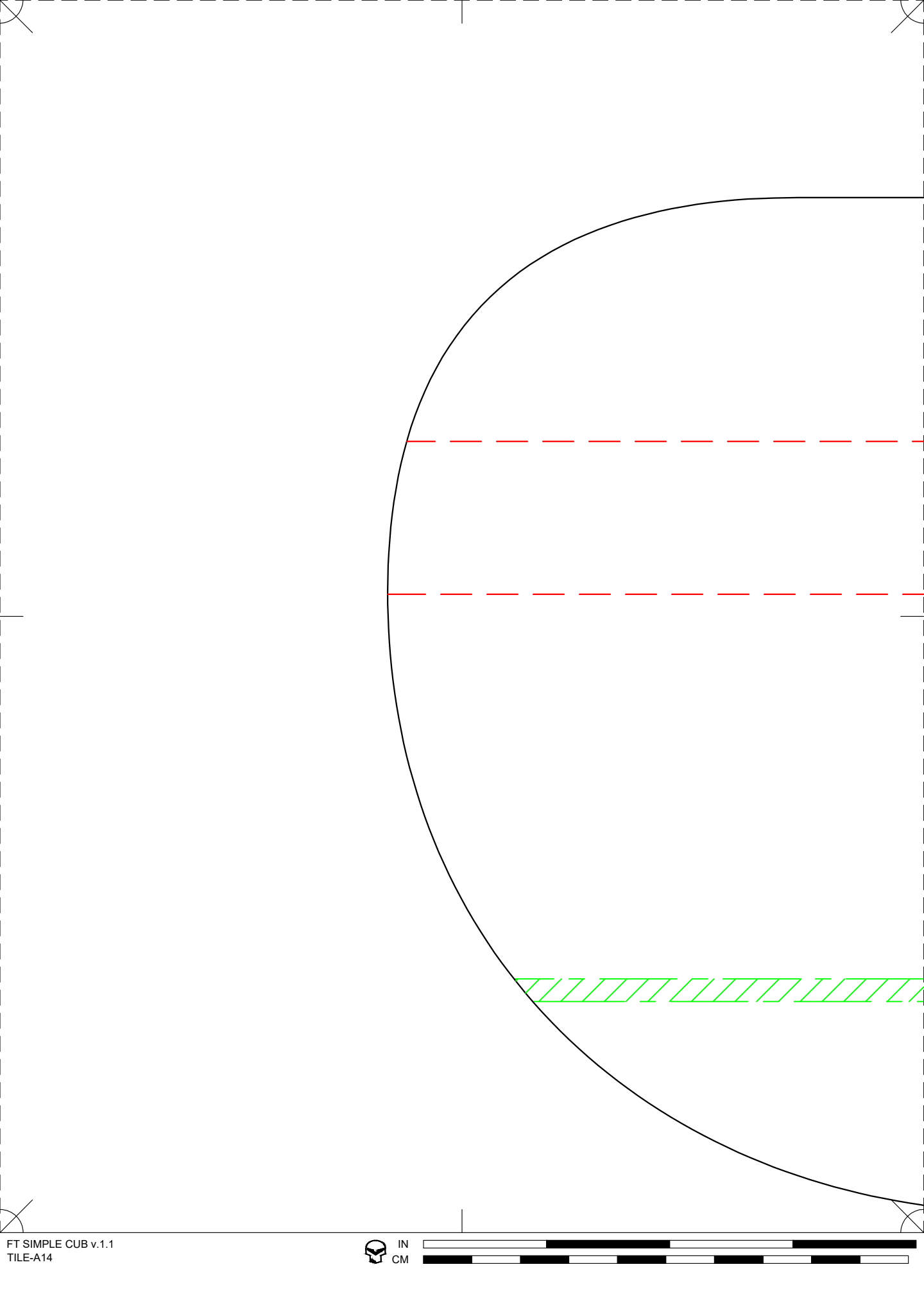
FOAM BOARD
FT SIMPLE CUB - v.1.1

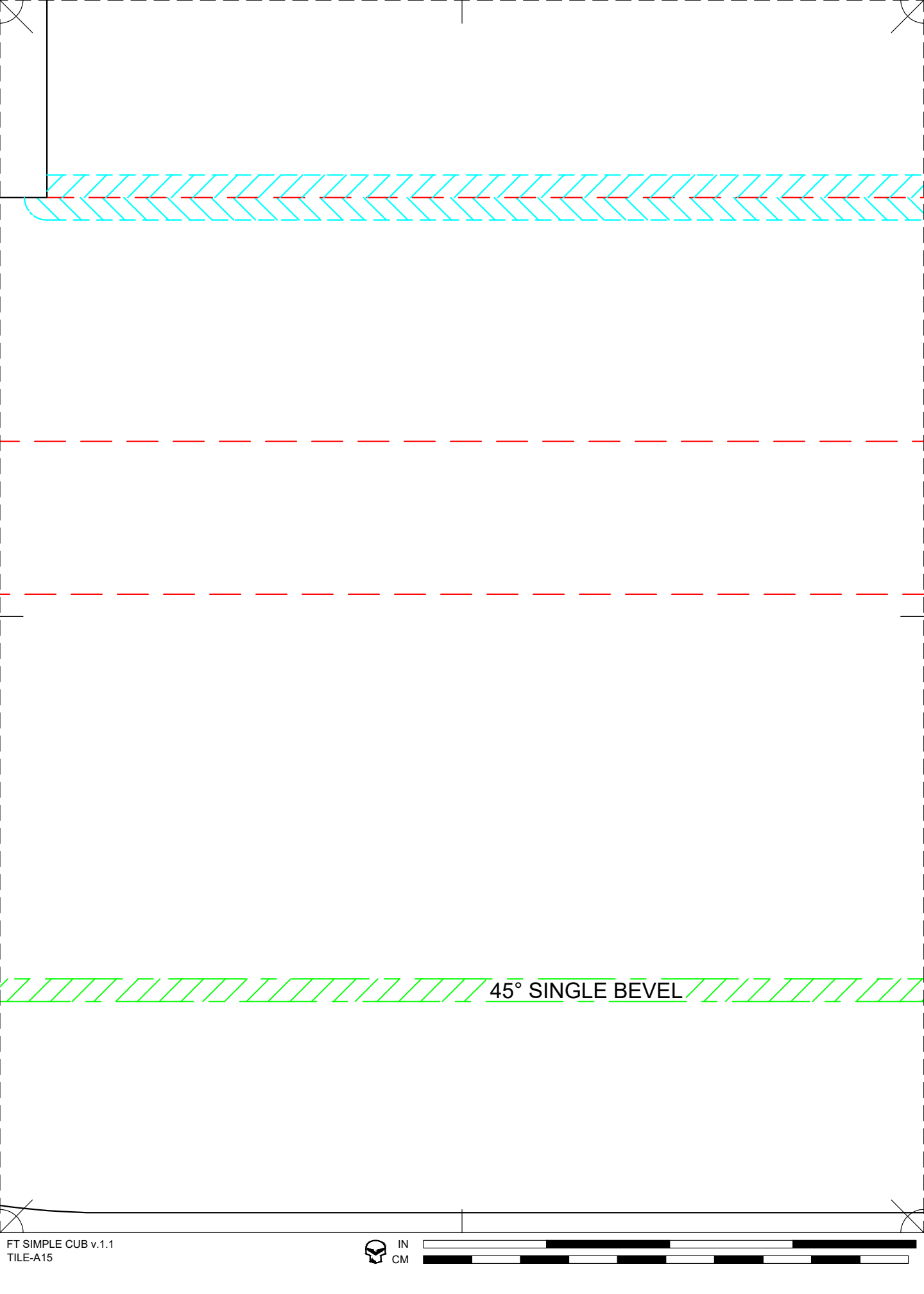


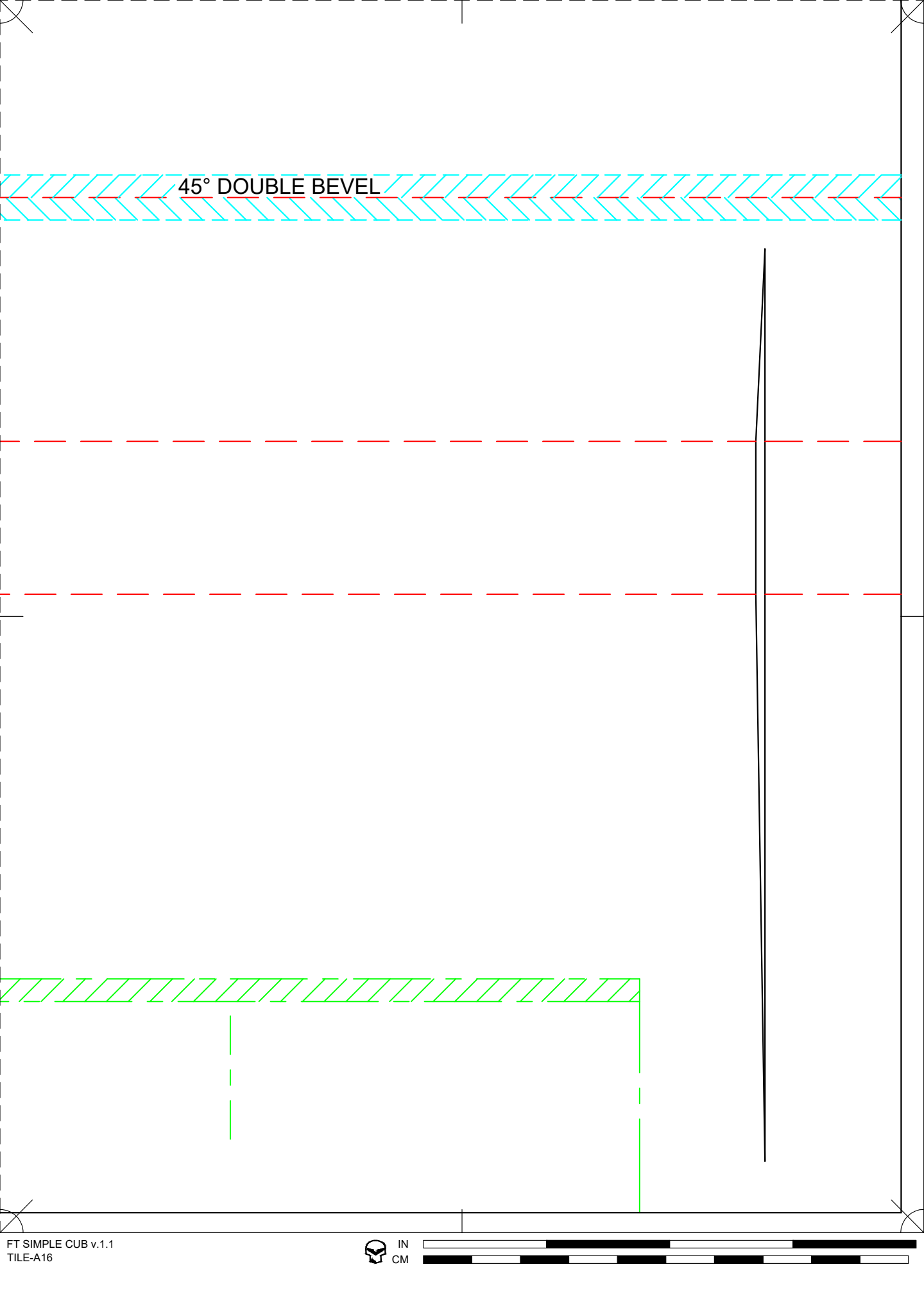
G3

90° TRIANGLE

FOAM BOARD
FT SIMPLE CUB - v.1.1



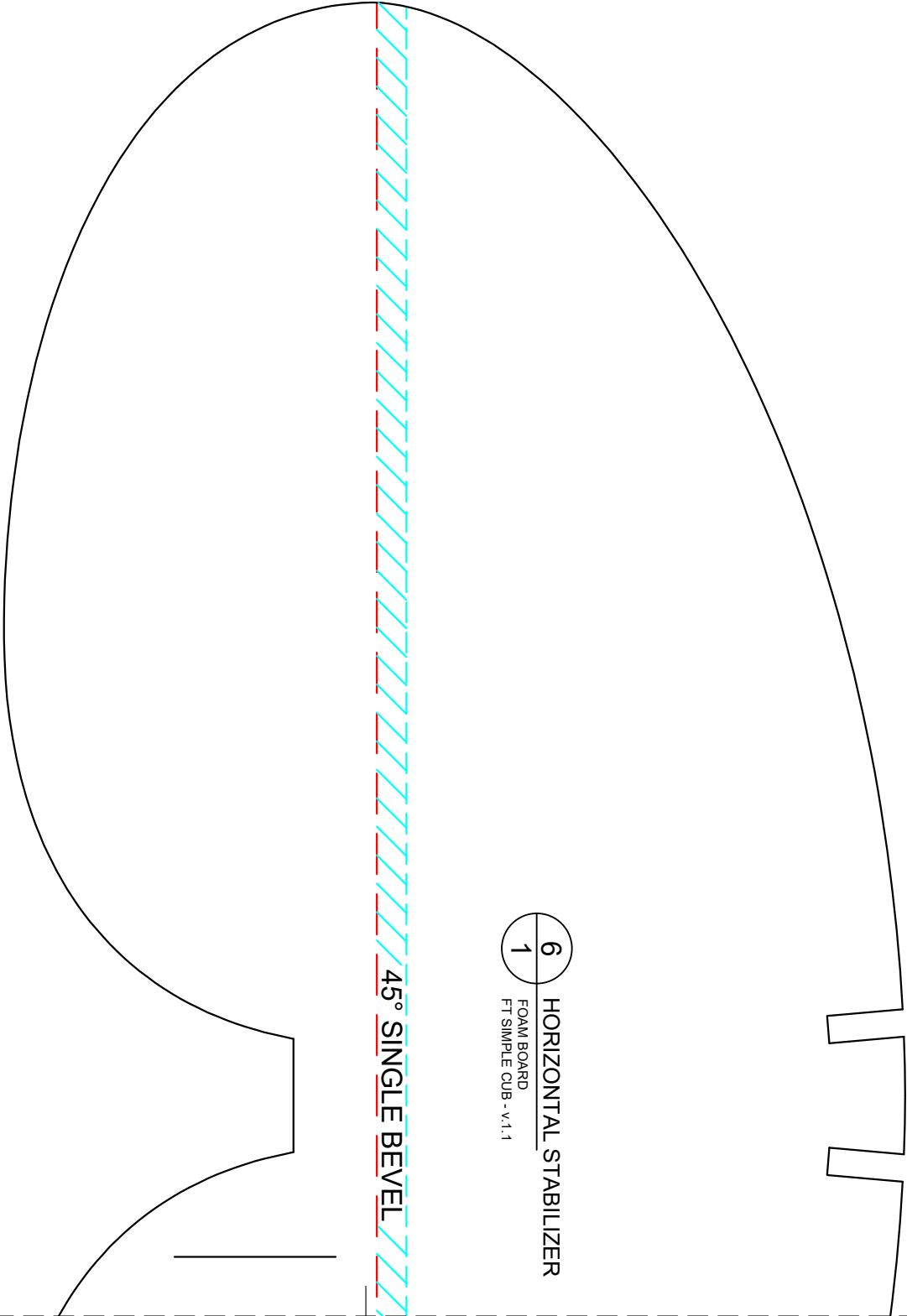




45° DOUBLE BEVEL



IN
CM

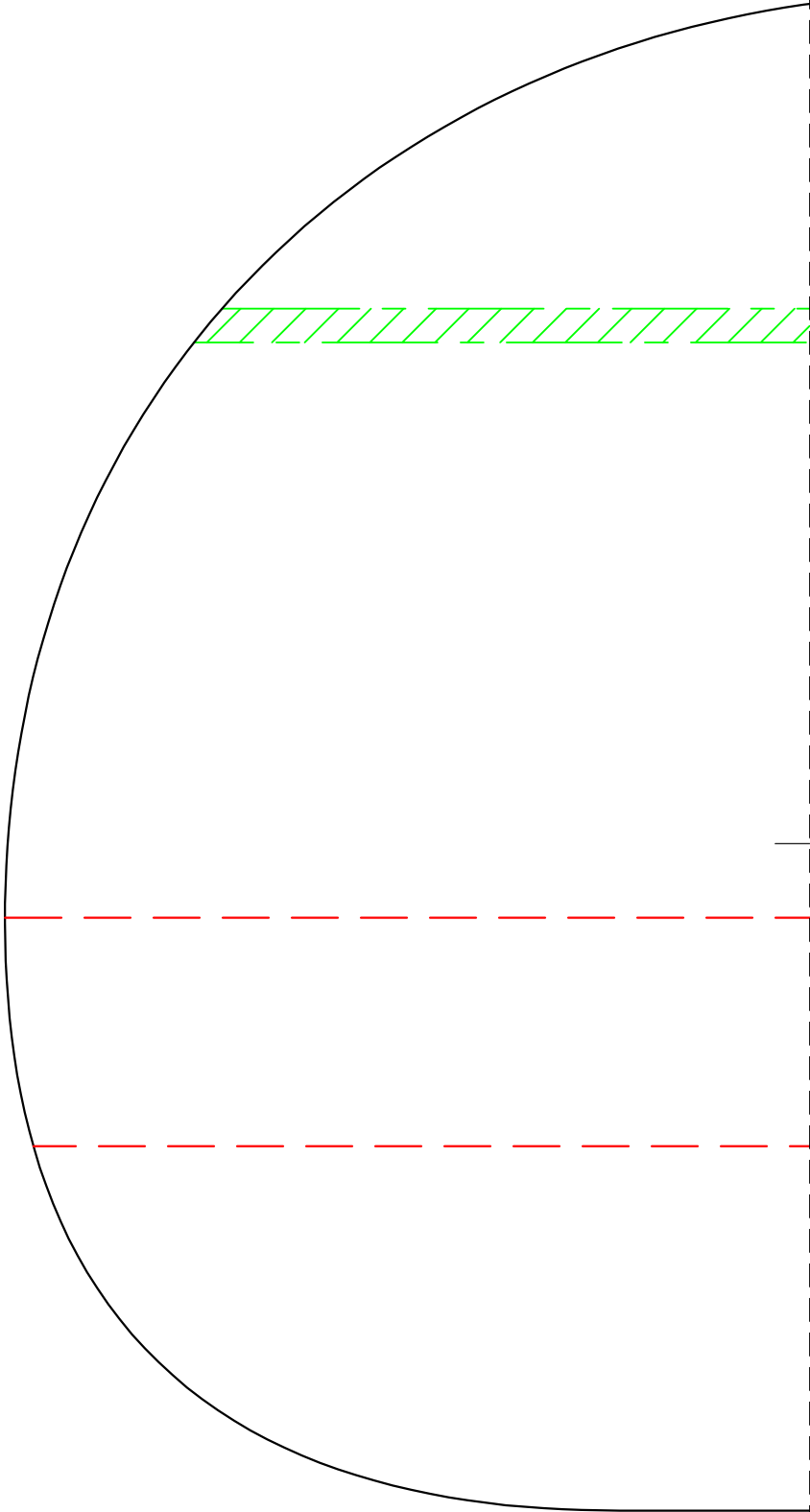


HORIZONTAL STABILIZER
FOAM BOARD
FT SIMPLE CUB - v.1.1

45° SINGLE BEVEL



IN
CM





IN
CM

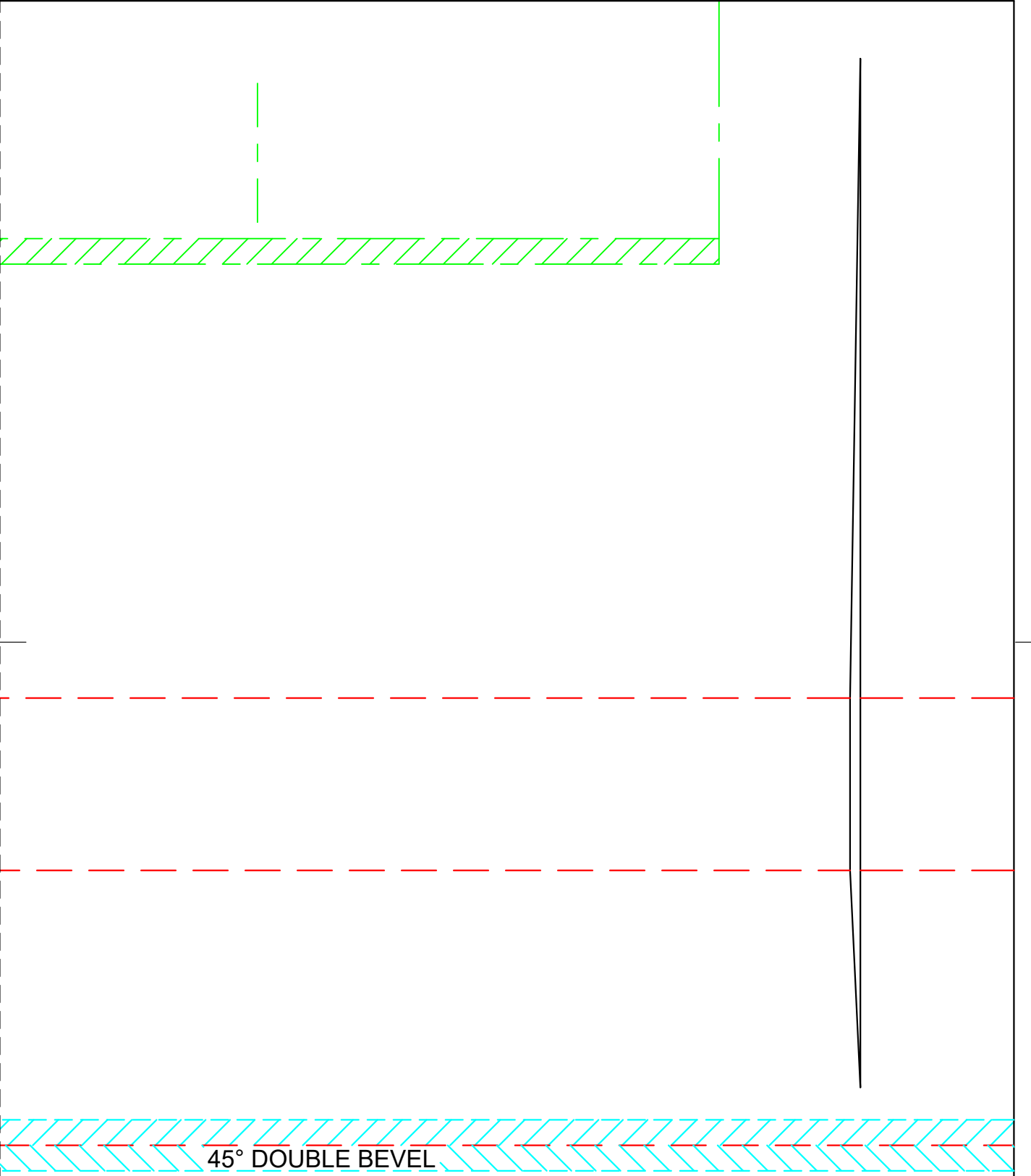


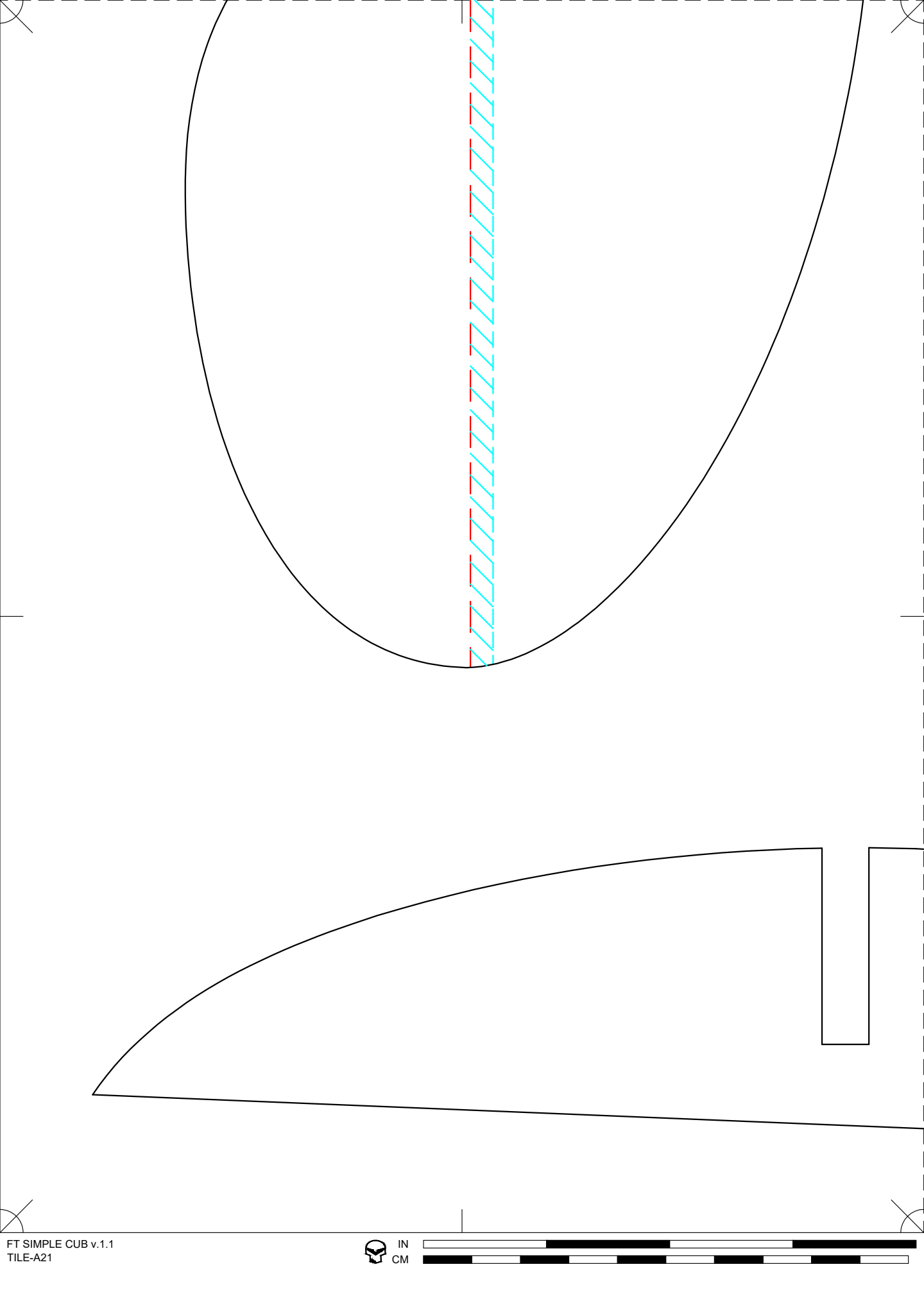
45° SINGLE BEVEL

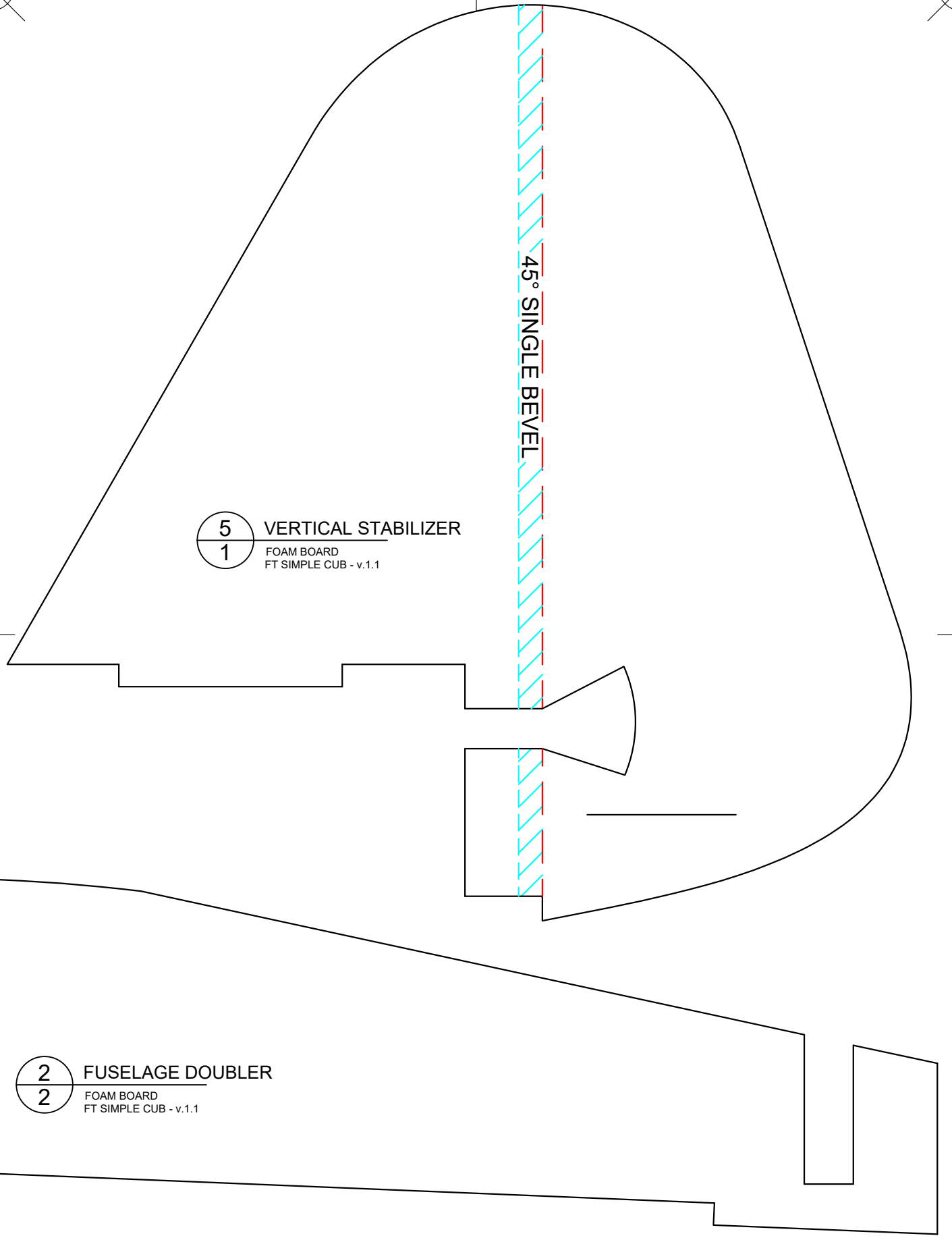




IN
CM







5
1

VERTICAL STABILIZER
FOAM BOARD
FT SIMPLE CUB - v.1.1

2
2

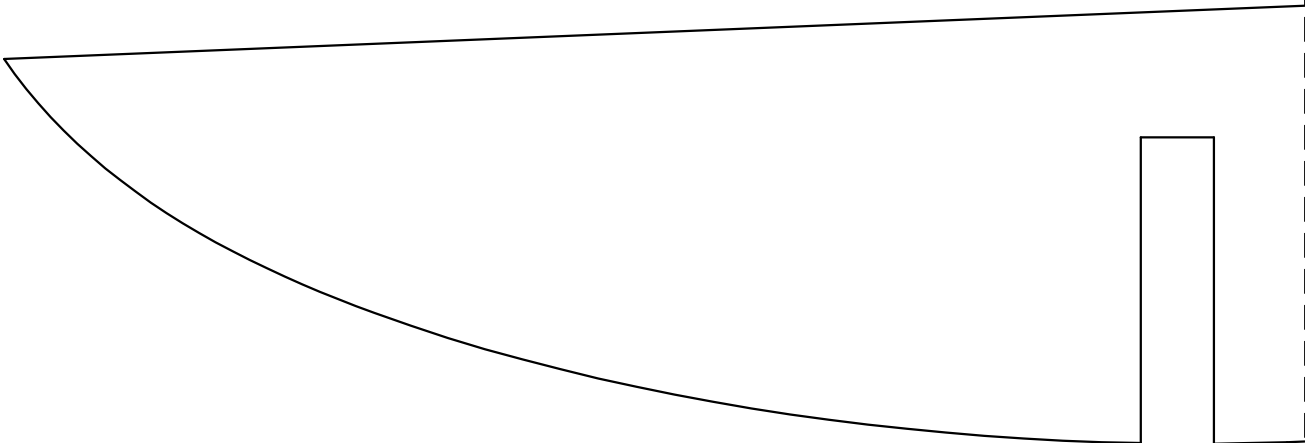
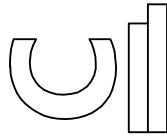
FUSELAGE DOUBLER
FOAM BOARD
FT SIMPLE CUB - v.1.1

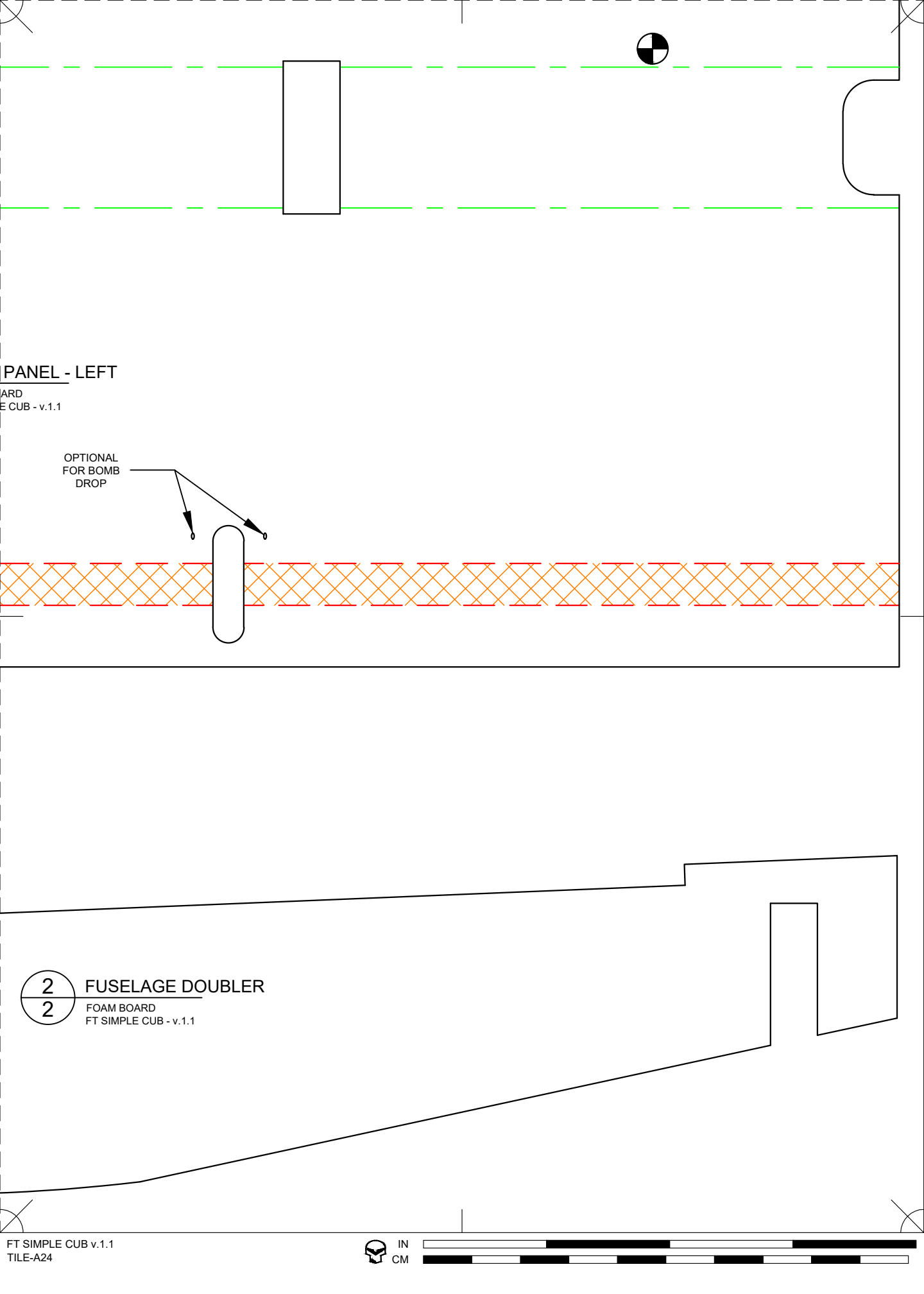
45° SINGLE BEVEL



9B
1

WING
FOAM BO
FT SIMPL





PANEL - LEFT

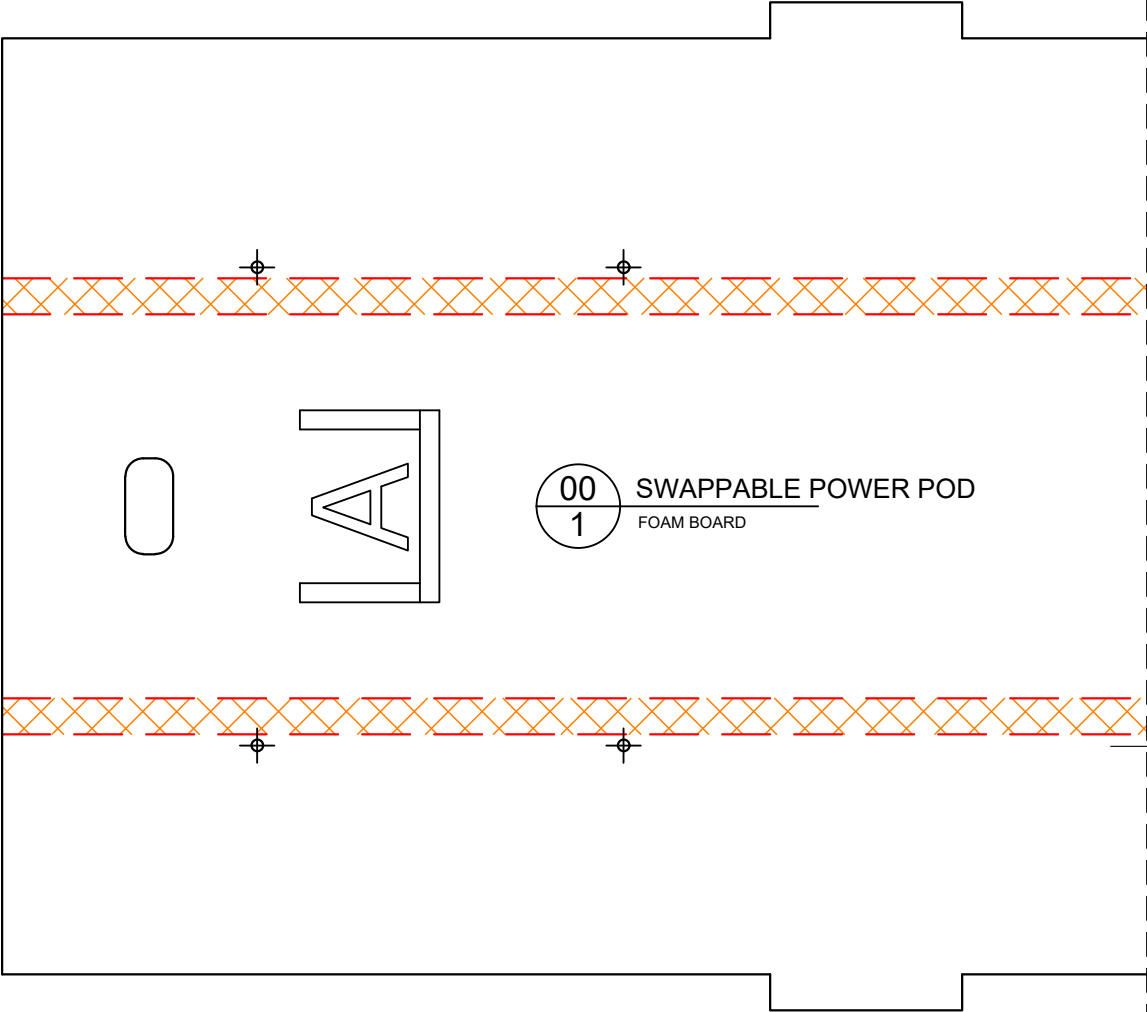
WARD
E CUB - v.1.1

OPTIONAL
FOR BOMB
DROP

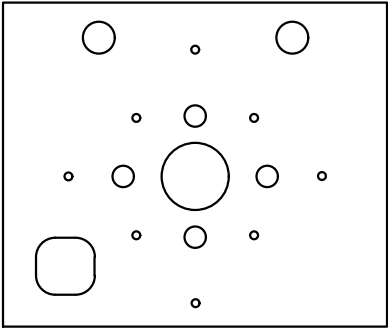
2
2 FUSELAGE DOUBLER
FOAM BOARD
FT SIMPLE CUB - v.1.1



IN
CM



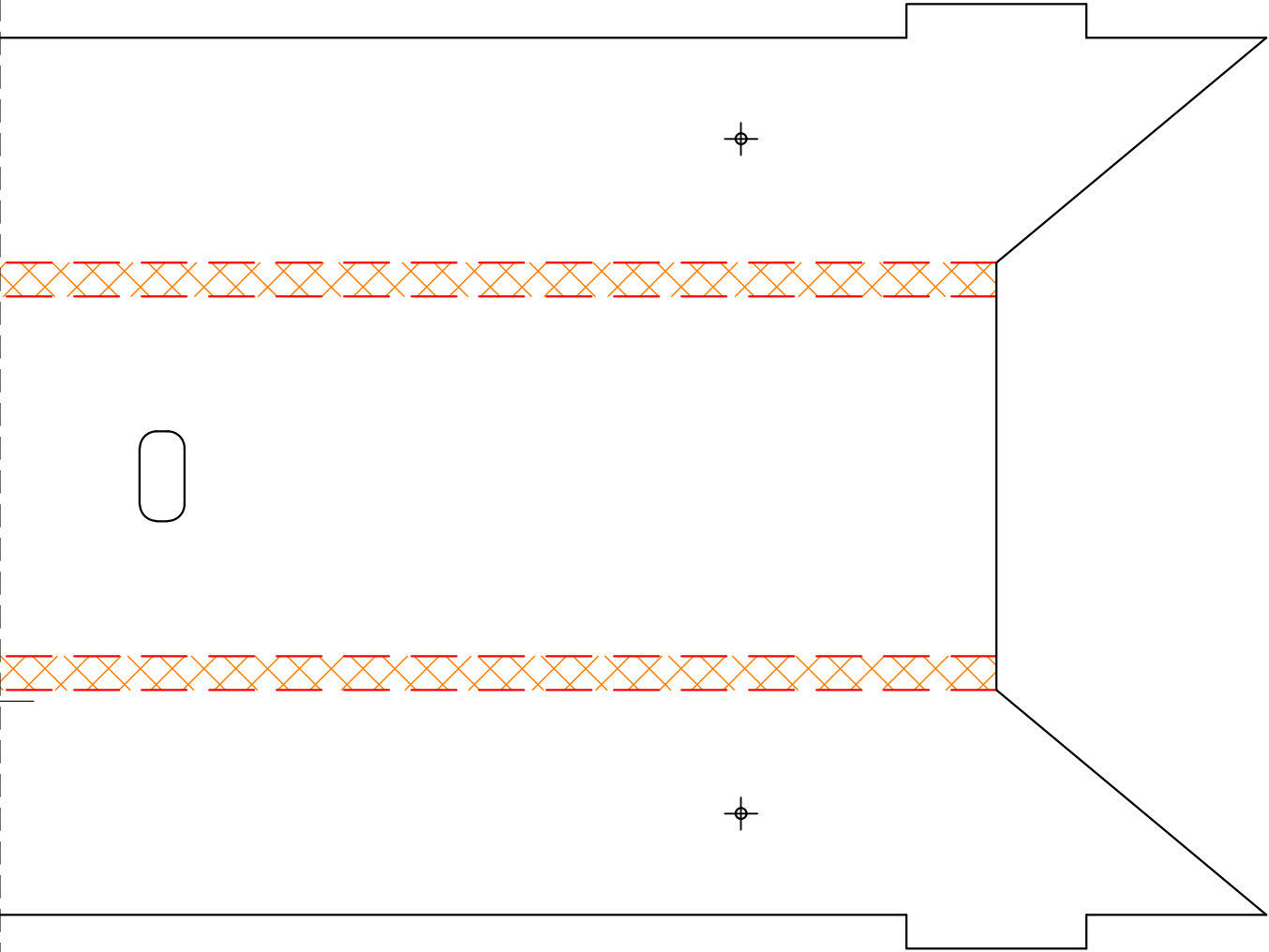
FT SWAPPABLE FIREWALL



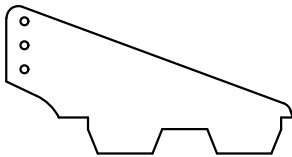
HOBBY GRADE PLYWOOD
3/32" (2.4 mm) THICK



IN
CM



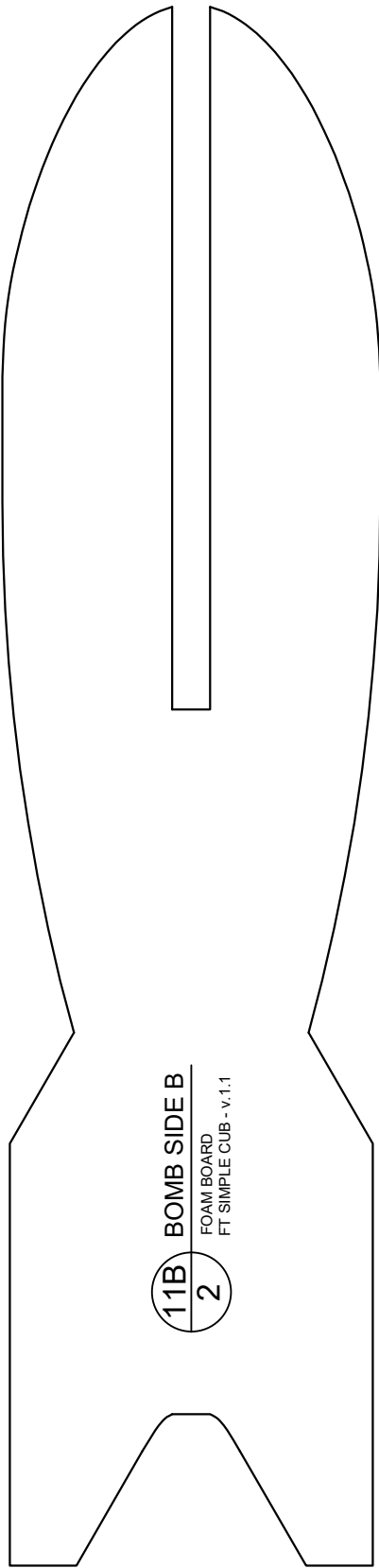
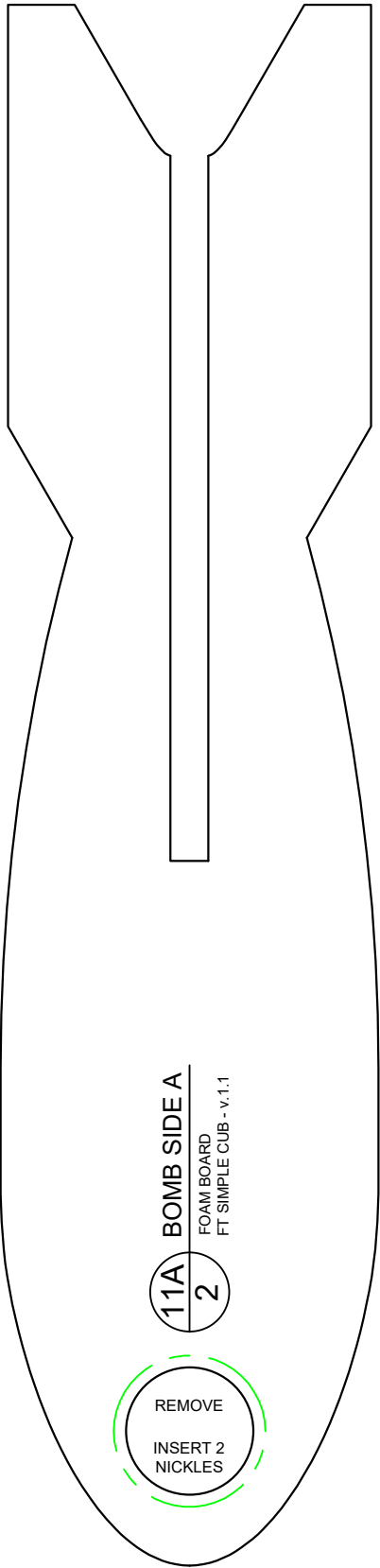
FT CONTROL HORN



HOBBY GRADE PLYWOOD
1/16" (1.6 mm) THICK

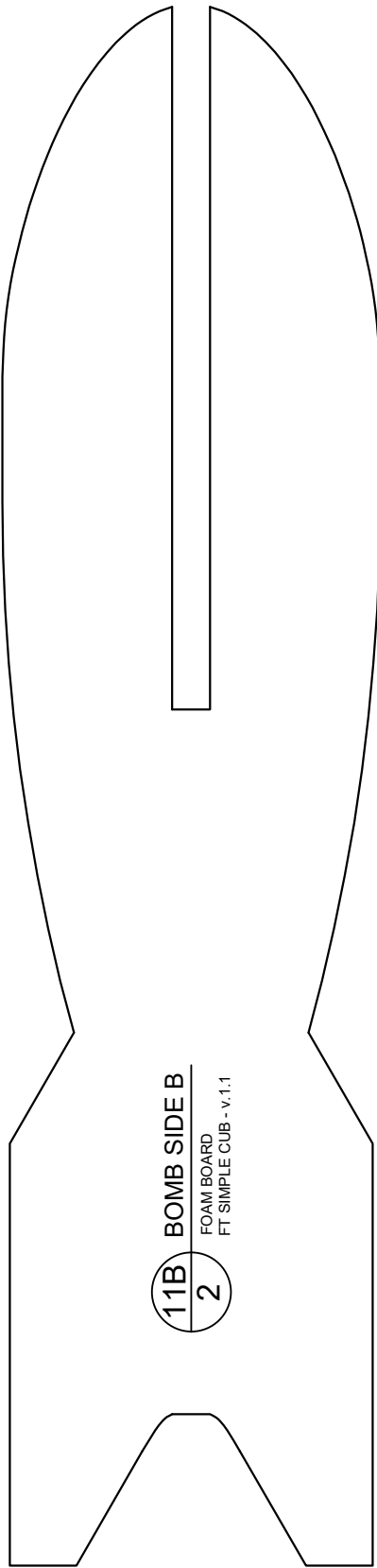
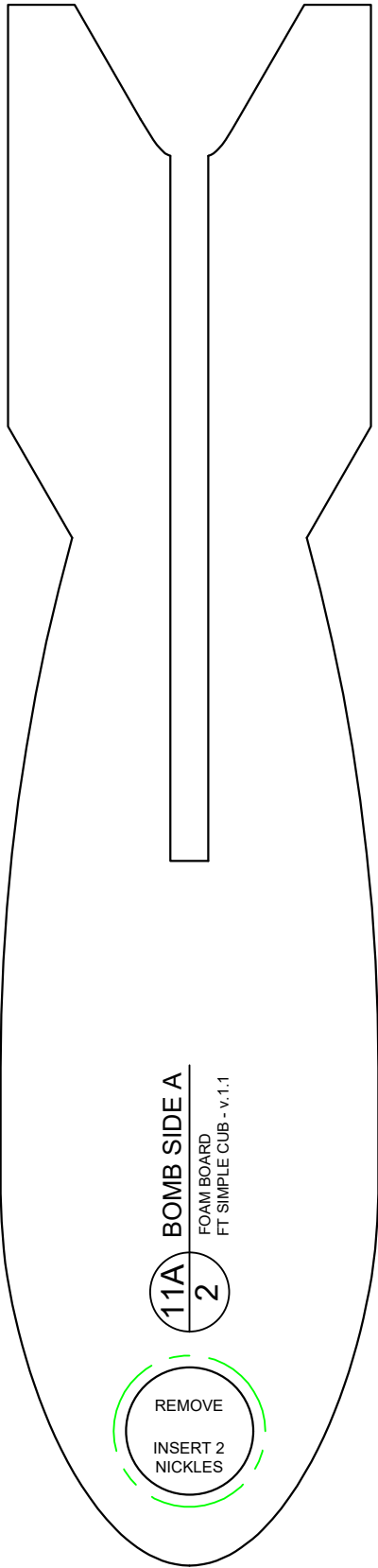


IN
CM





IN
CM



VINYL
WINDOW
GRAPHICS

VINYL
WINDOW
GRAPHICS

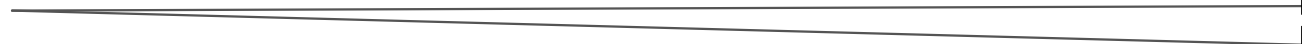
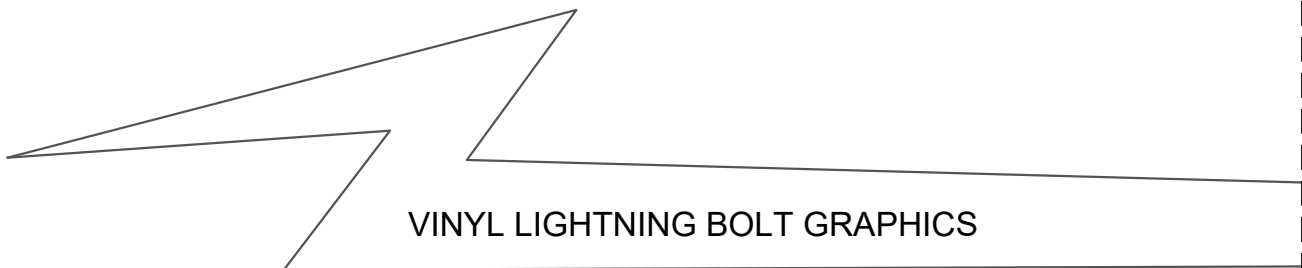
VINYL
WINDOW
GRAPHICS

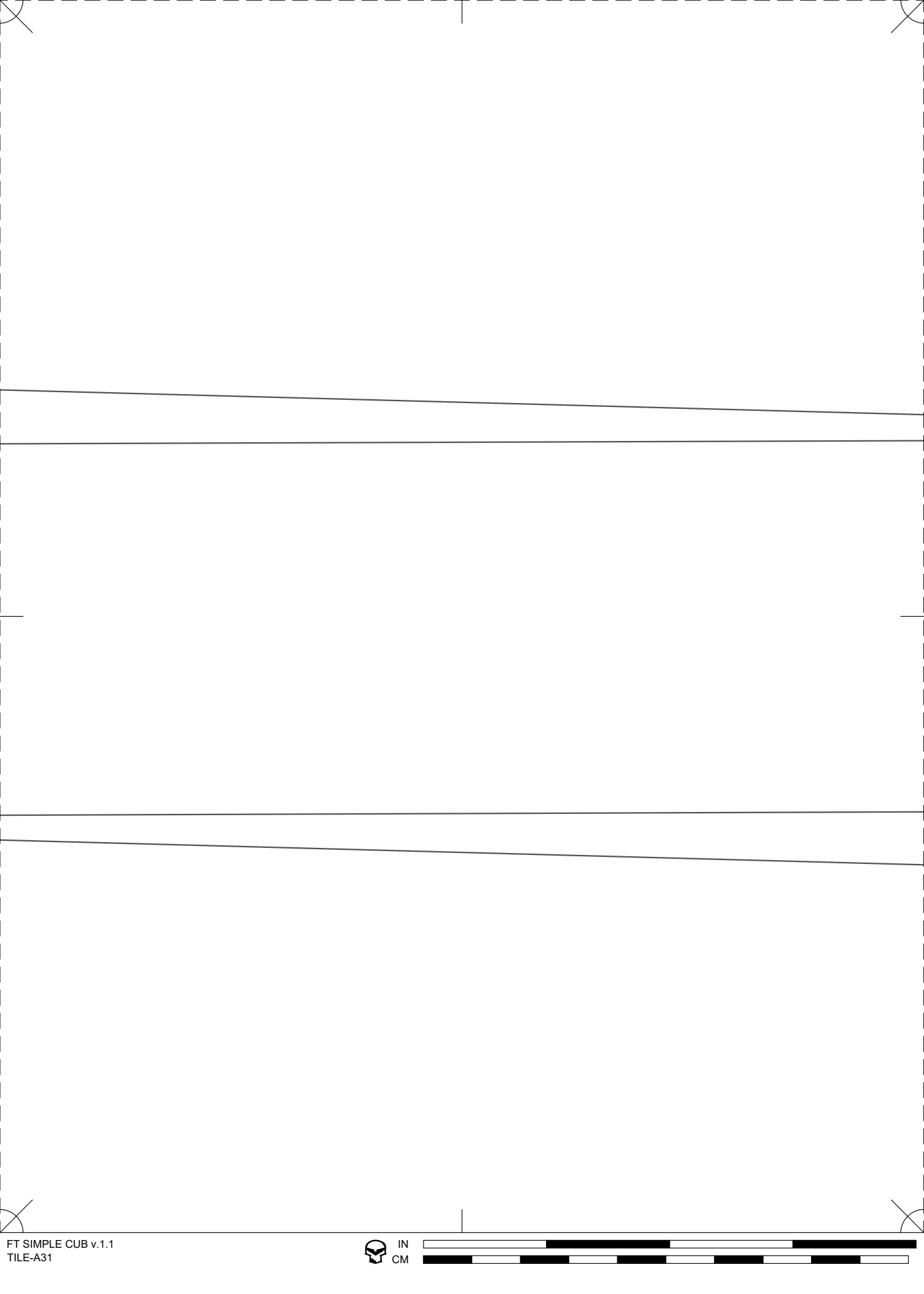
VINYL
WINDOW
GRAPHICS

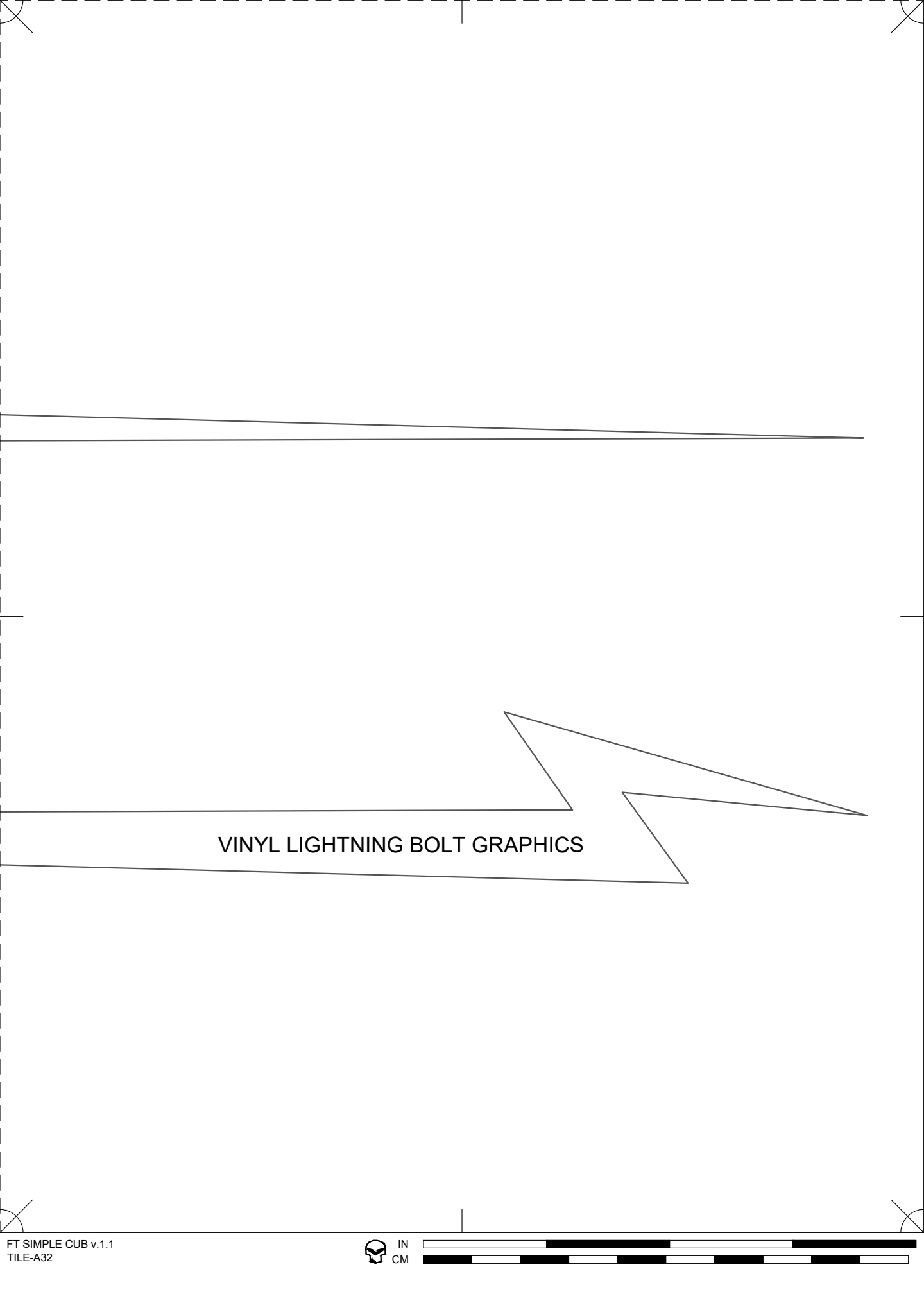
VINYL
WINDOW
GRAPHICS

VINYL
WINDOW
GRAPHICS

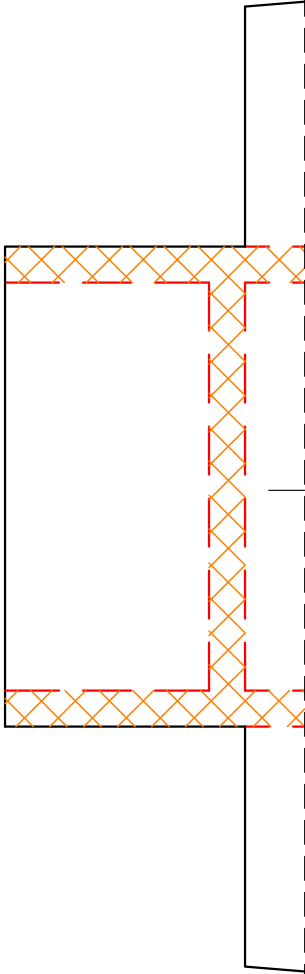
VINYL
WINDOW
GRAPHICS







VINYL LIGHTNING BOLT GRAPHICS



13
4
FOAM BOARD
FT SIMPLE CUB - v.1.1
FLOAT SIDE DOUBLER

13
4
FOAM BOARD
FT SIMPLE CUB - v.1.1
FLOAT SIDE DOUBLER



IN
CM



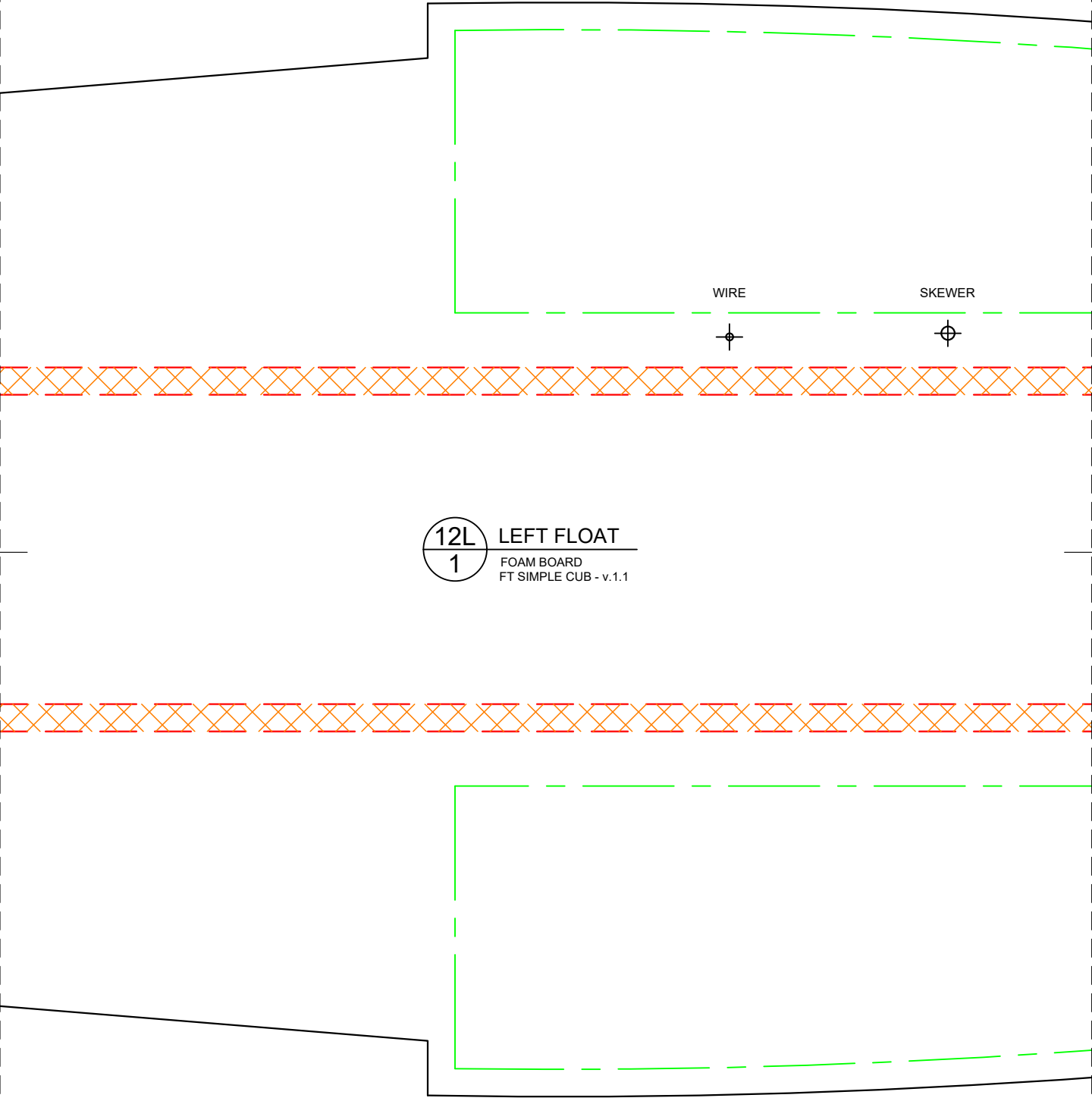
WIRE

SKEWER





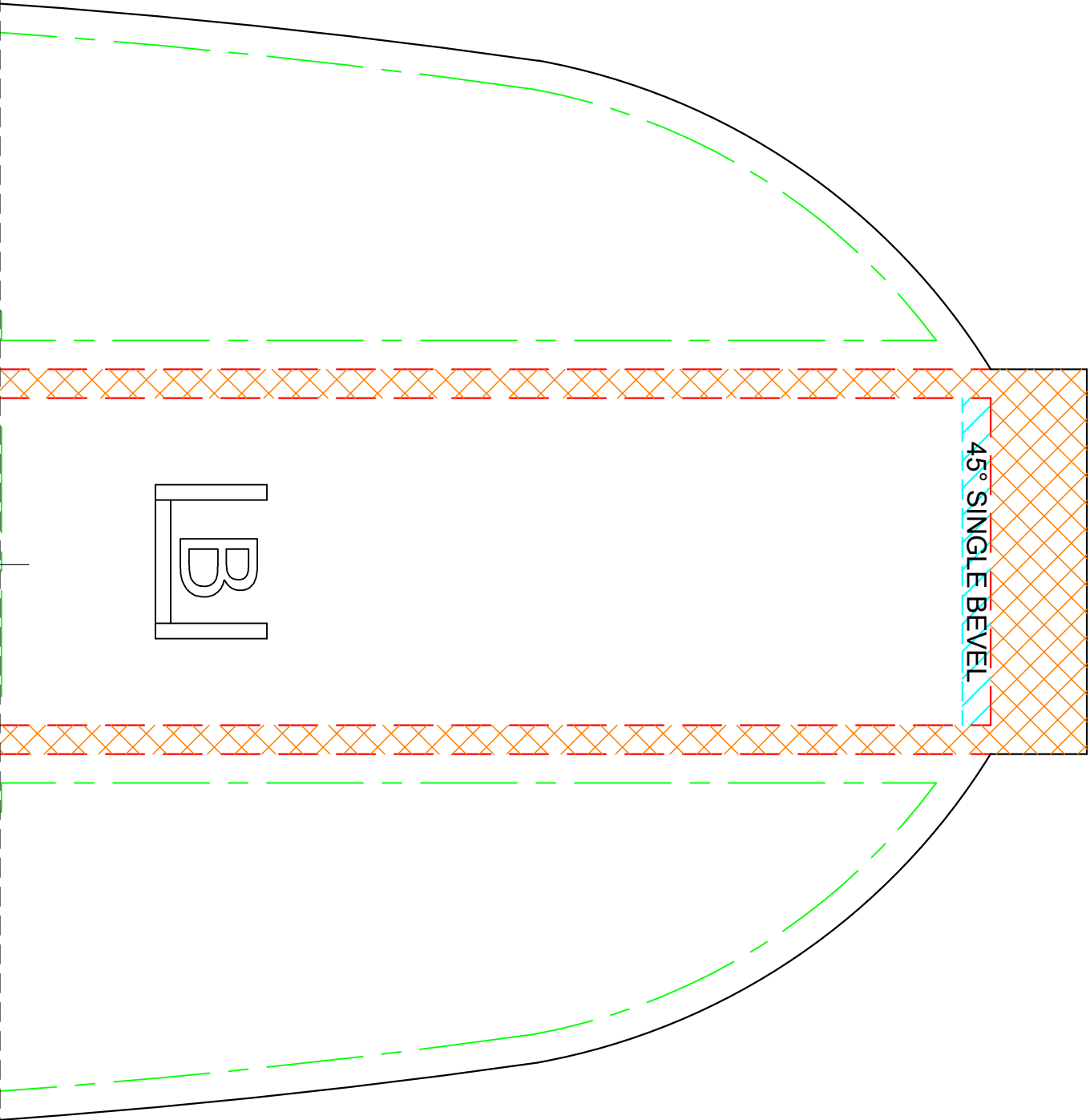
IN
CM

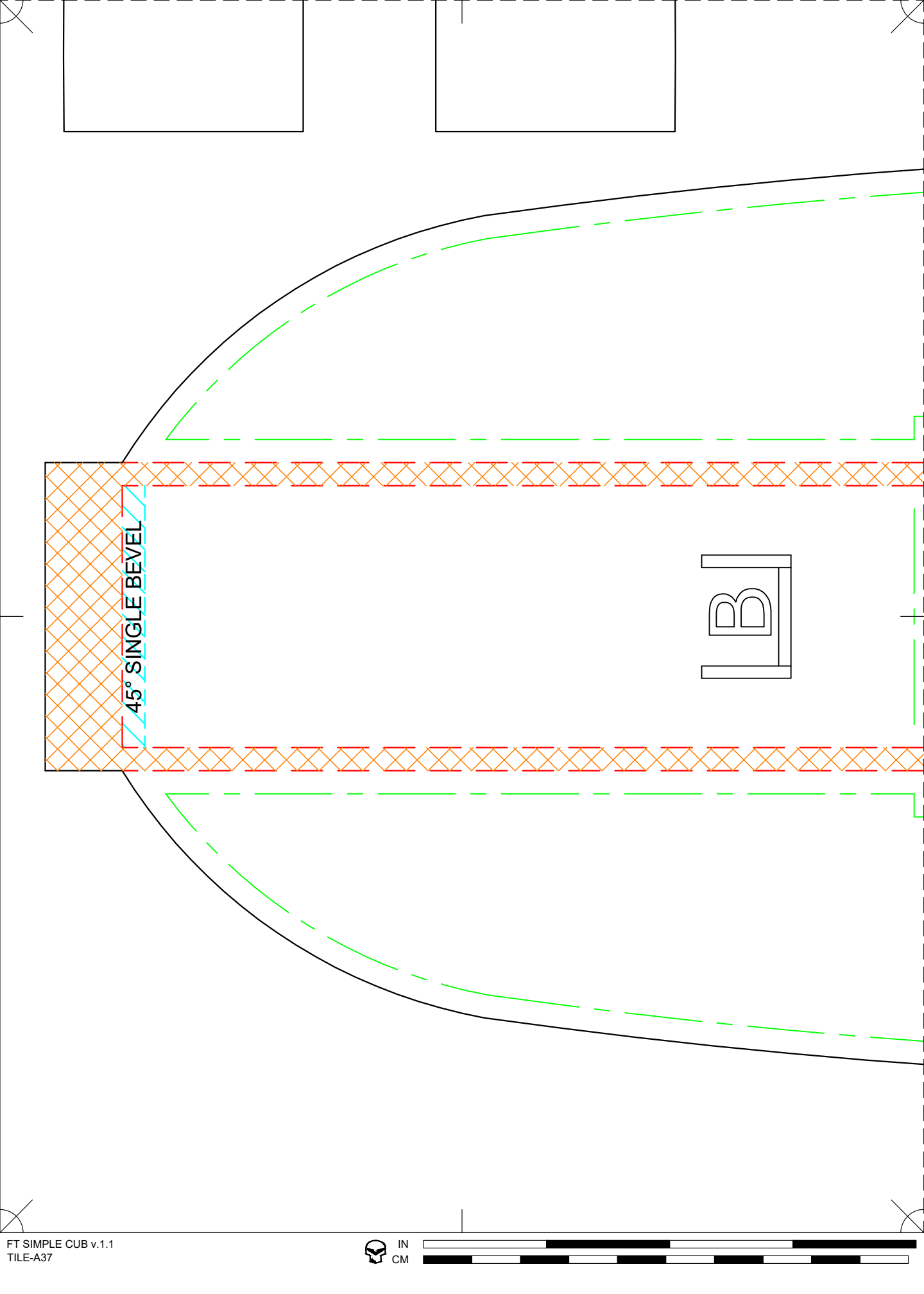


12L LEFT FLOAT
FOAM BOARD
FT SIMPLE CUB - v.1.1

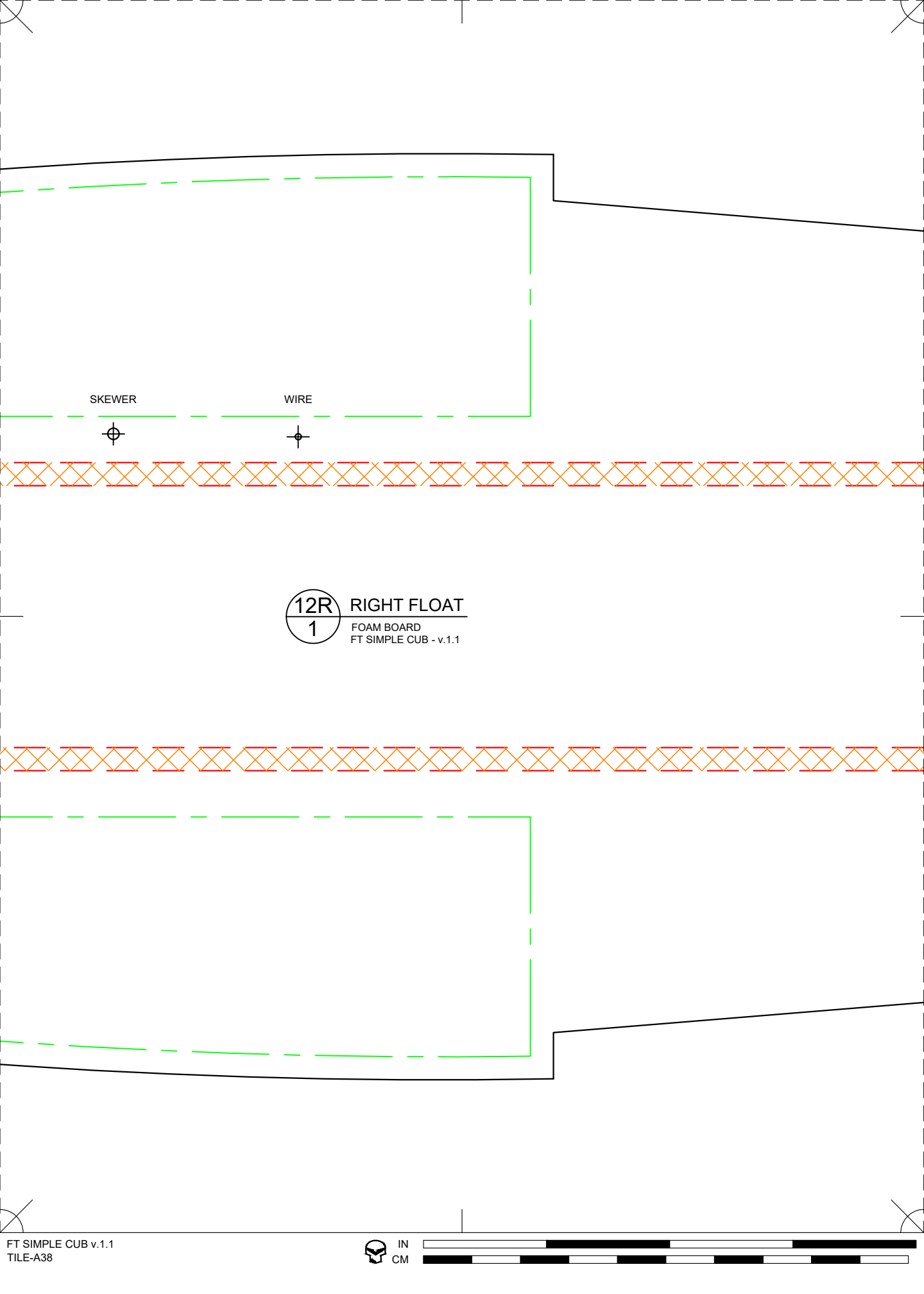


IN
CM





45° SINGLE BEVEL



SKEWER



WIRE



RIGHT FLOAT

FOAM BOARD
FT SIMPLE CUB - v.1.1



SKEWER



WIRE

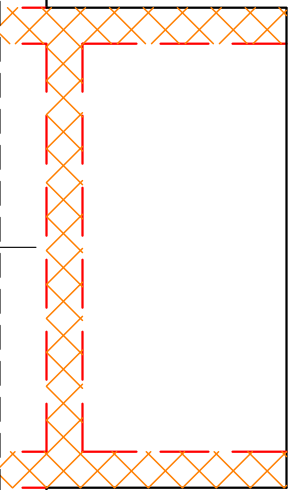


IN
CM



13
FOAM BOARD
FT SIMPLE CUB - v.1.1

13
FOAM BOARD
FT SIMPLE CUB - v.1.1

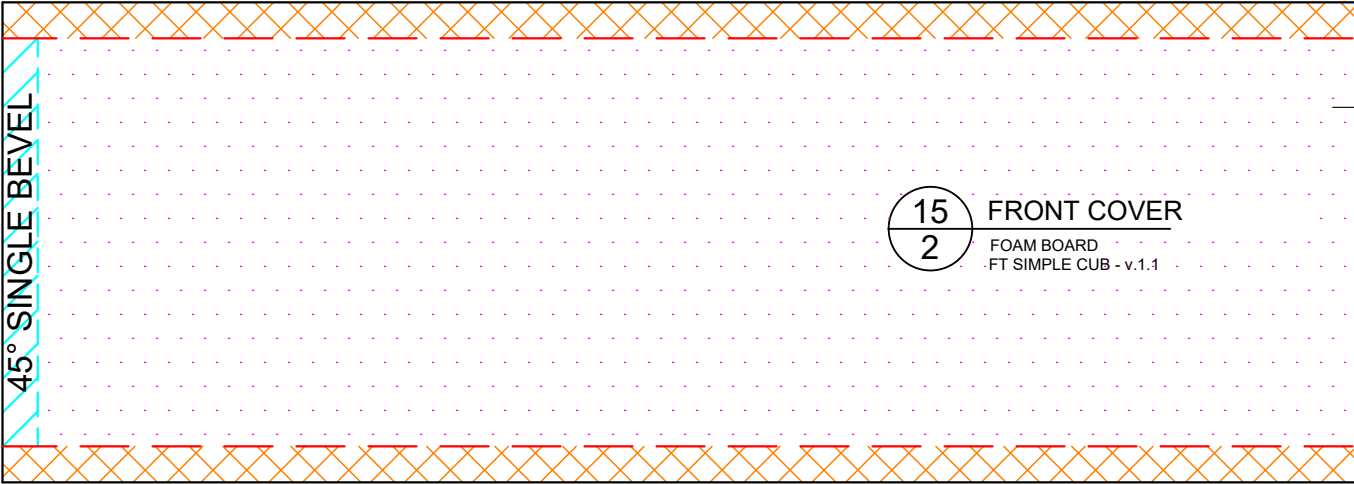




14
2

FLOAT BOTTOM DOUBLER

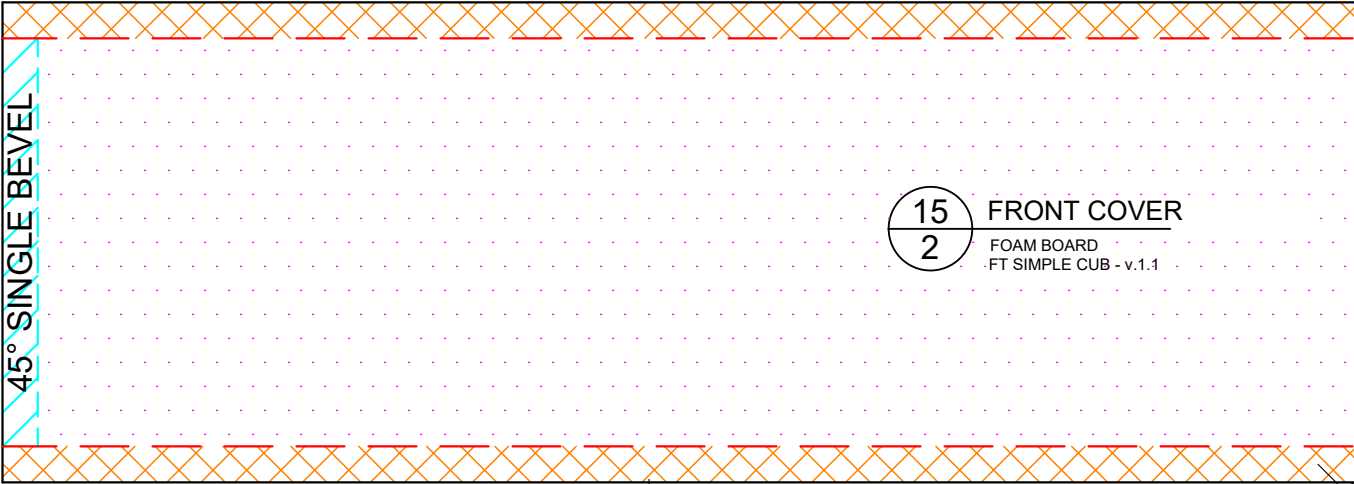
FOAM BOARD
FT SIMPLE CUB - v.1.1



15
2

FRONT COVER

FOAM BOARD
FT SIMPLE CUB - v.1.1



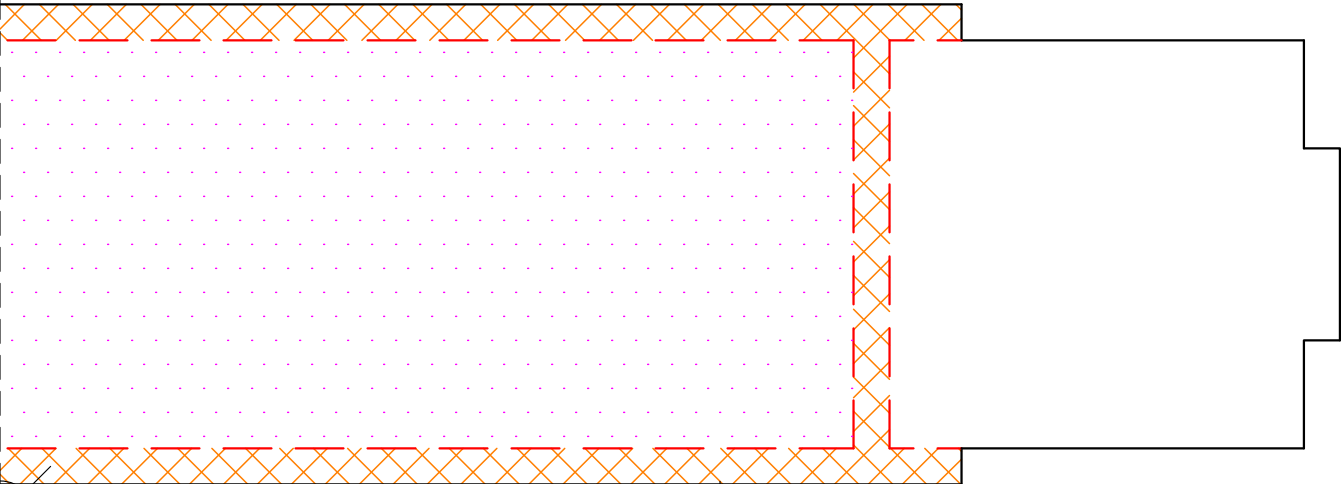
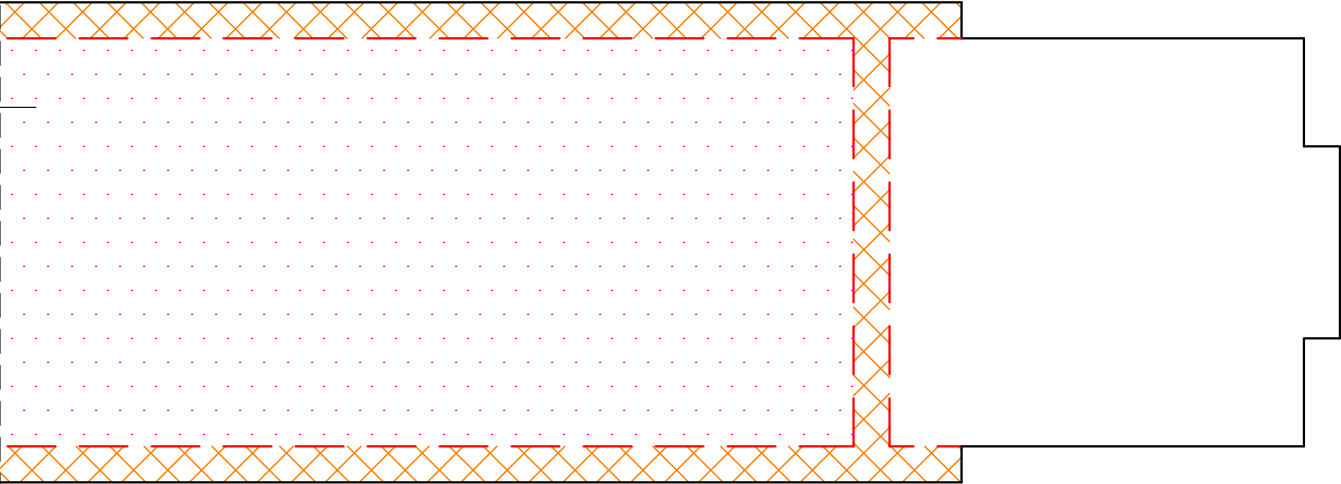
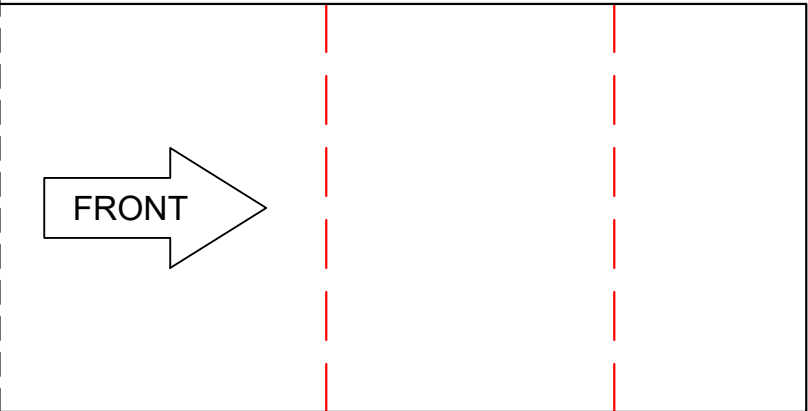
15
2

FRONT COVER

FOAM BOARD
FT SIMPLE CUB - v.1.1



IN
CM

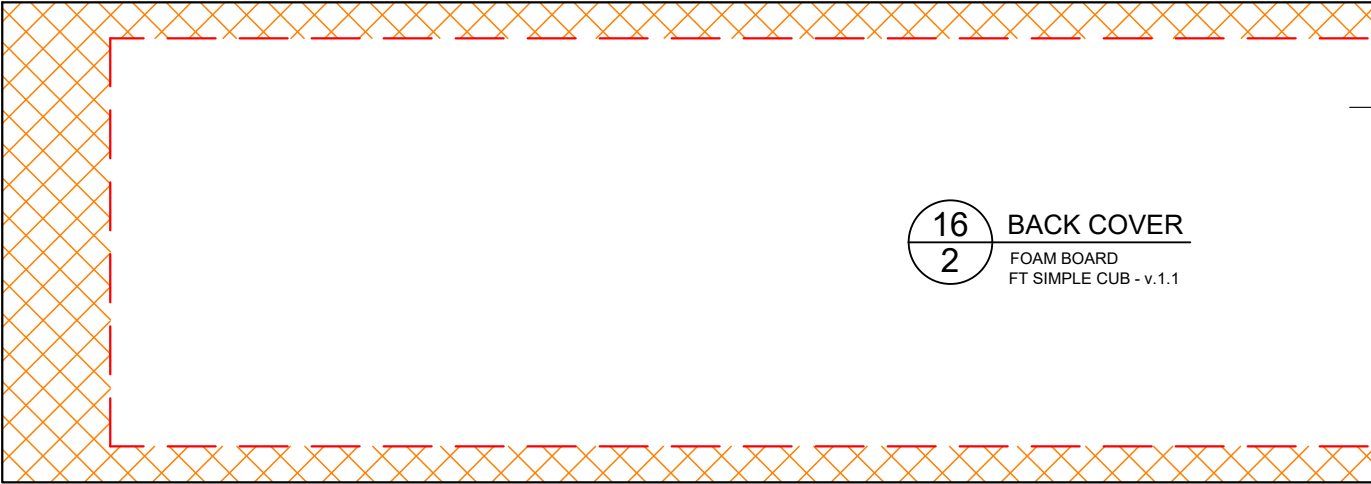




14
2

FLOAT BOTTOM DOUBLER

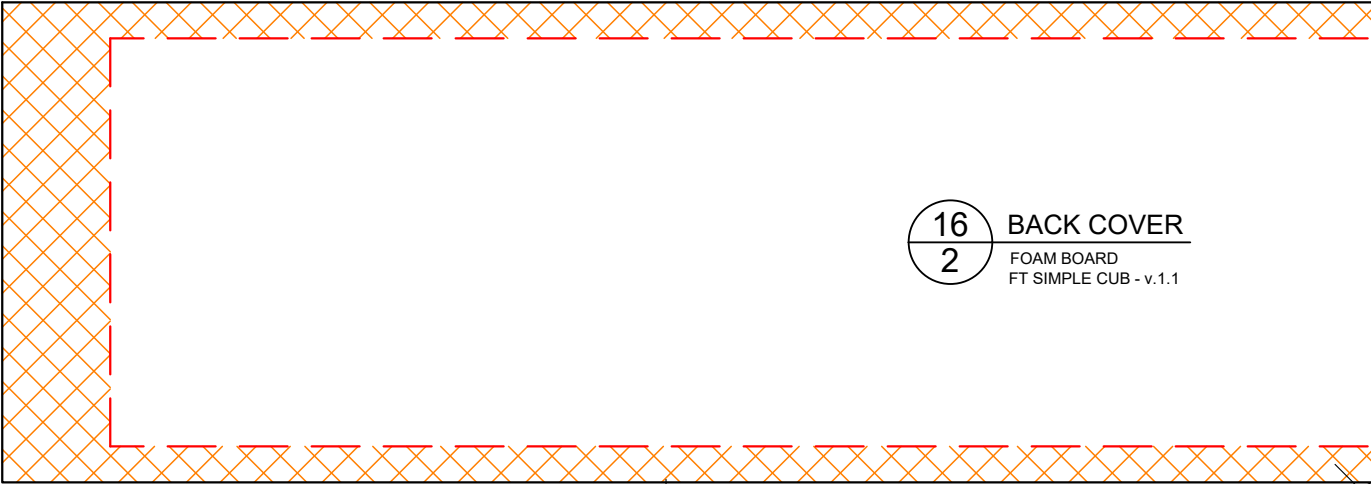
FOAM BOARD
FT SIMPLE CUB - v.1.1



16
2

BACK COVER

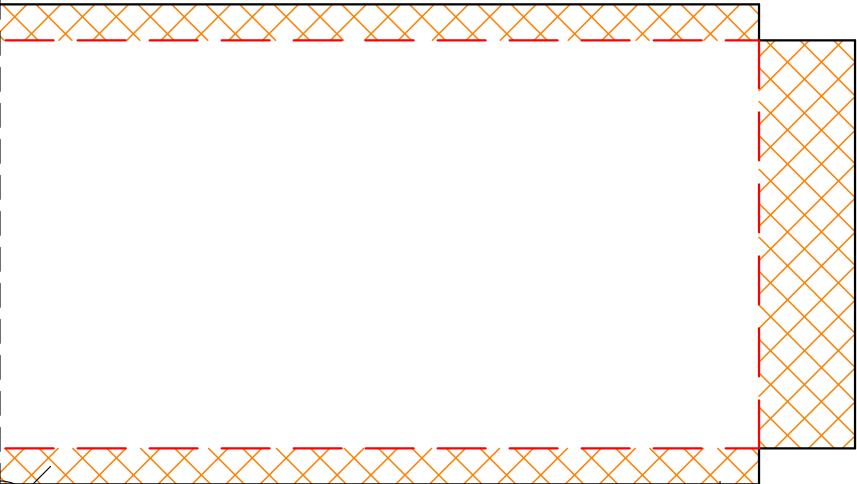
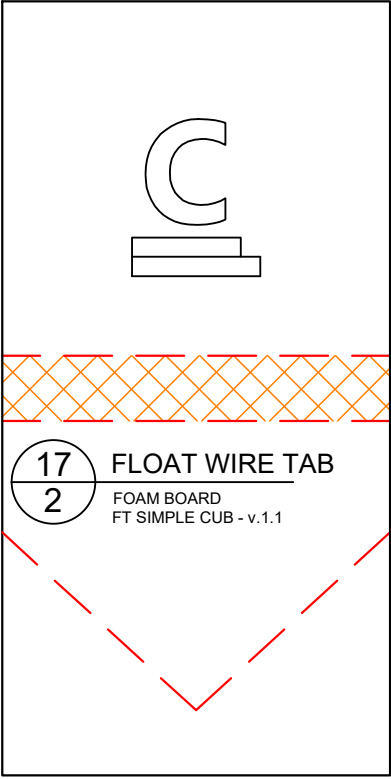
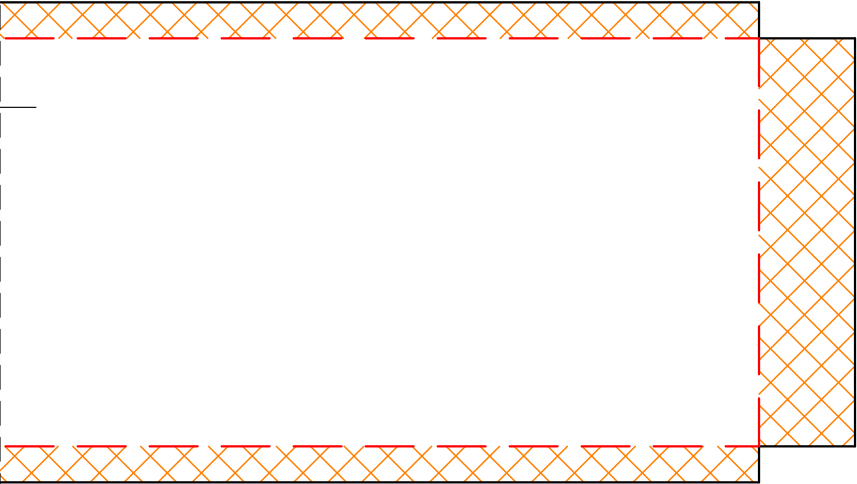
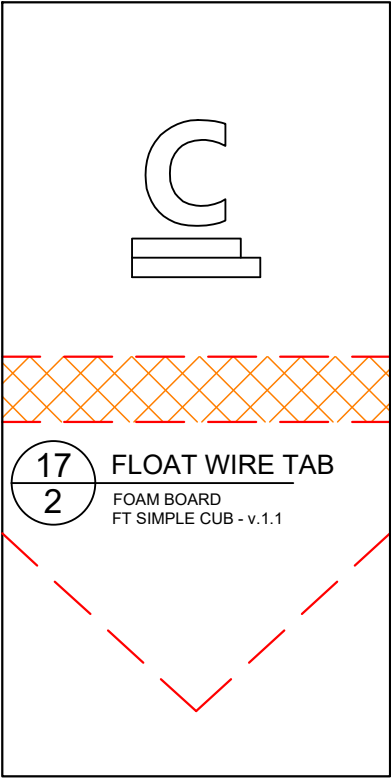
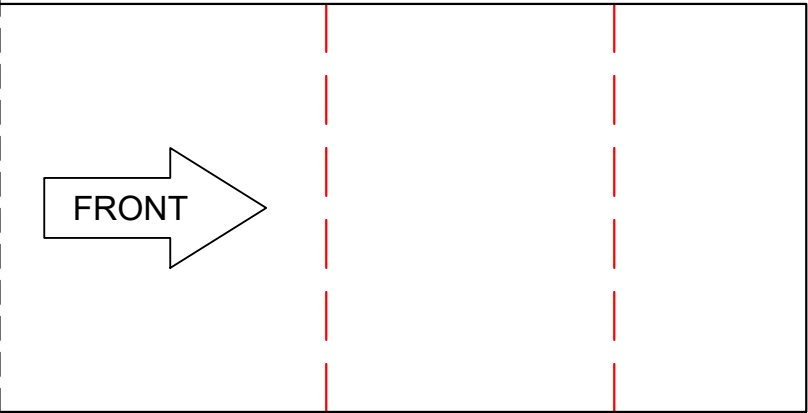
FOAM BOARD
FT SIMPLE CUB - v.1.1

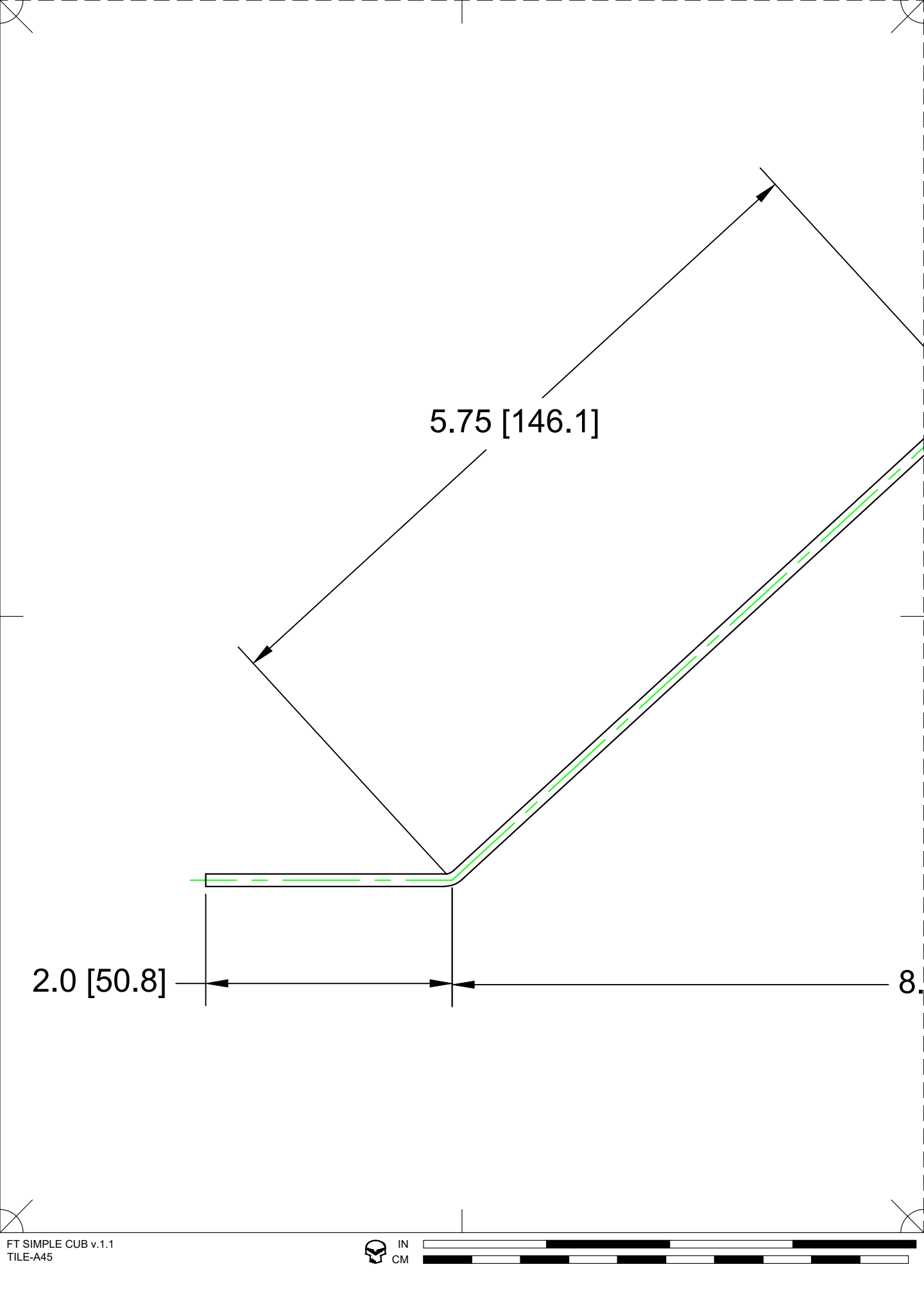


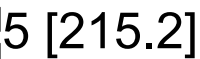
16
2

BACK COVER

FOAM BOARD
FT SIMPLE CUB - v.1.1







SIZE 34 PIANO WIRE
FT SIMPLE CUB - v.1.1

Ø .100" (2.5 MM) X 15.5" (394 MM) LONG