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FT Simple Cub

Designed By: Josh Bixler

Drawing By: Dan Sponholz

Version: 1.0

Date: 2017.06.26



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 | 17 | 18 | 19 | 20 |
| 5 | 6 | 7 | 8 | 21 | 22 | 23 | 24 |

| | | | | | | | |
|----|----|----|----|----|----|----|----|
| 25 | 26 | 27 | 28 | 41 | 42 | 43 | 44 |
| 29 | 30 | 31 | 32 | 45 | 46 | 47 | 48 |

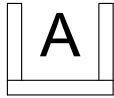
| | | | | | | | |
|----|----|----|----|----|----|----|----|
| 49 | 50 | 51 | 52 | 65 | 66 | 67 | 68 |
| 53 | 54 | 55 | 56 | 69 | 70 | 71 | 72 |



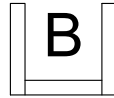
DRAWING KEY



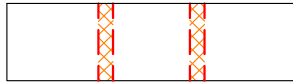
FOLD TYPES



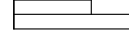
A - FOLD (ABOVE)



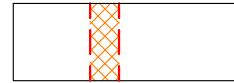
B - FOLD (BESIDE)



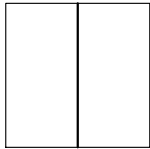
C



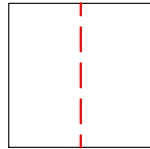
C - FOLD (COVER)



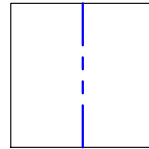
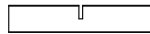
LINE TYPE/COLOR



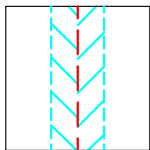
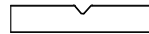
CUT



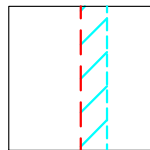
50% SCORE



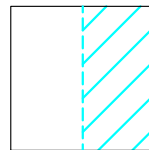
CREASE



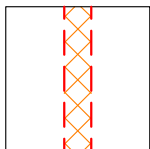
45° DOUBLE BEVEL



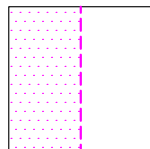
45° SINGLE BEVEL



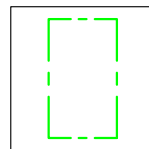
EDGE BEVEL



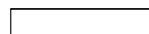
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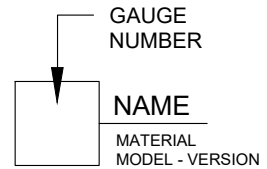
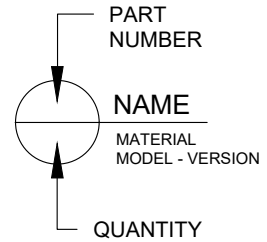
REMOVE PAPER



REFERENCE/
OPTIONAL



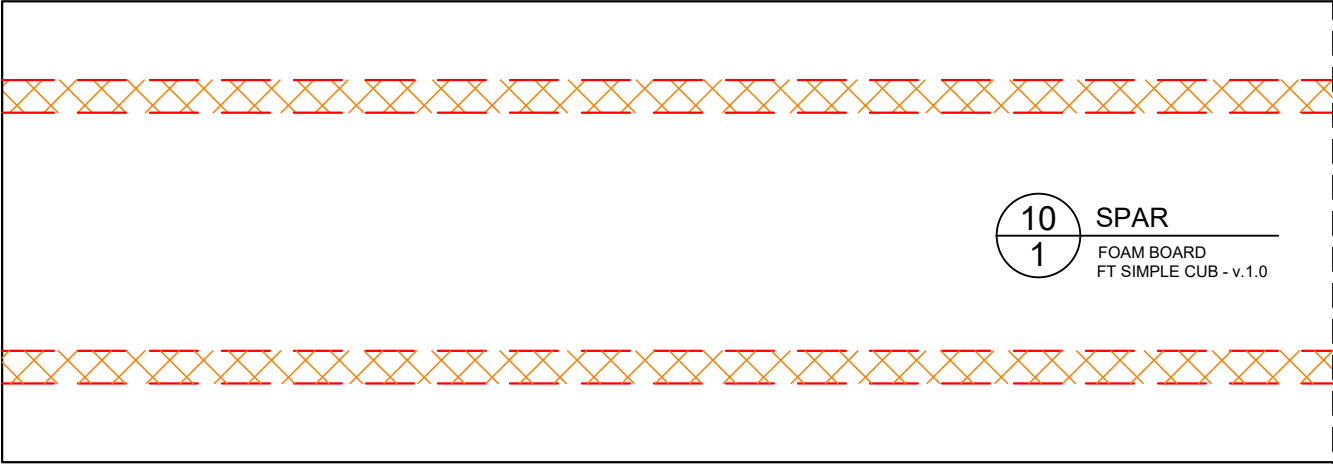
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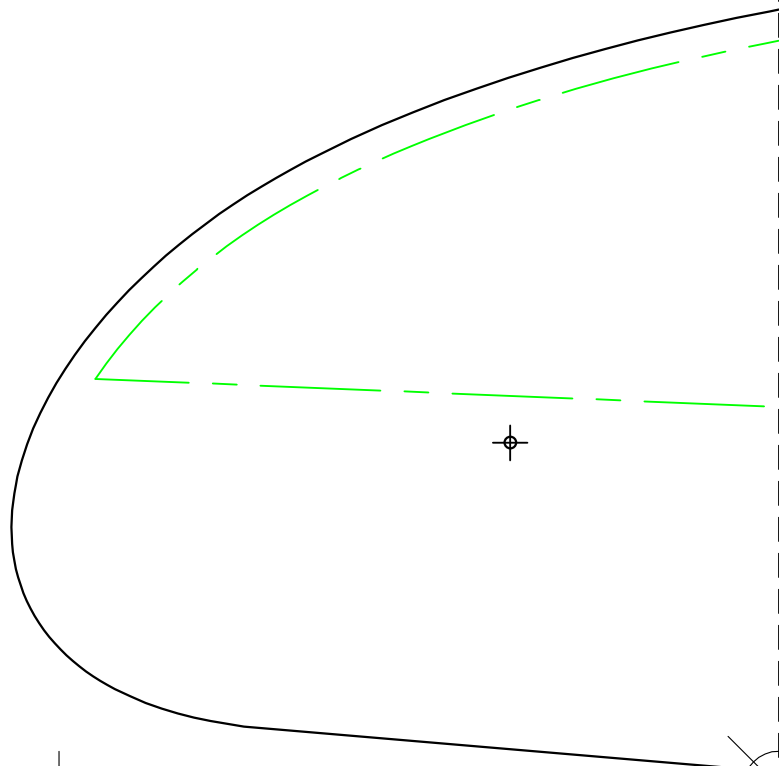
CENTER OF GRAVITY (CG)



IN
CM

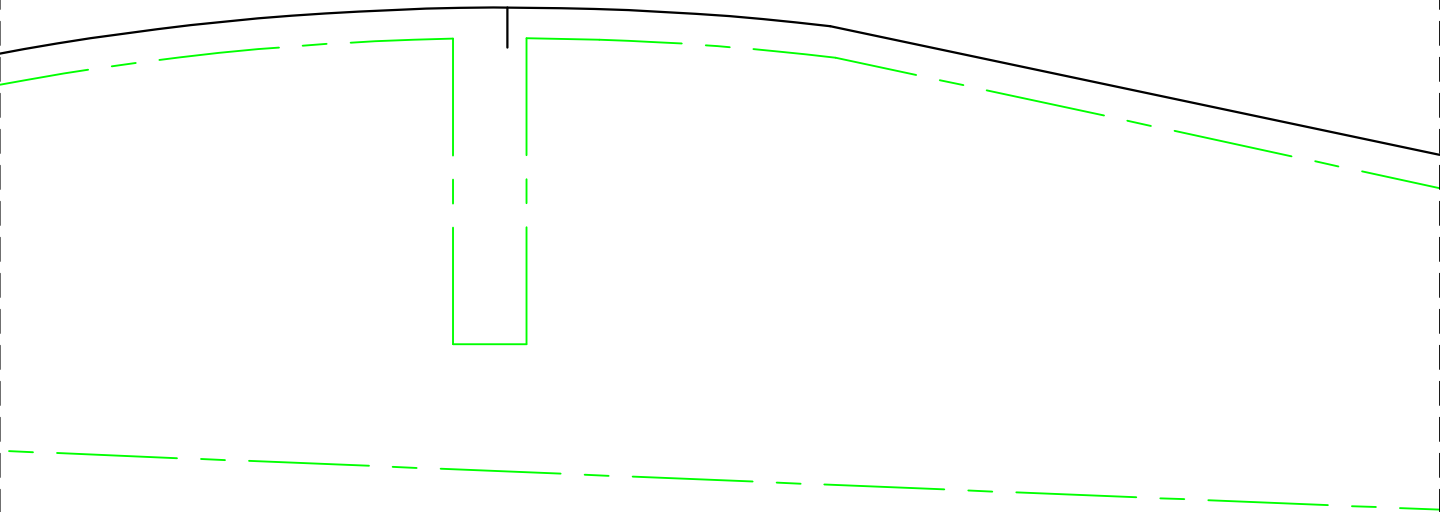
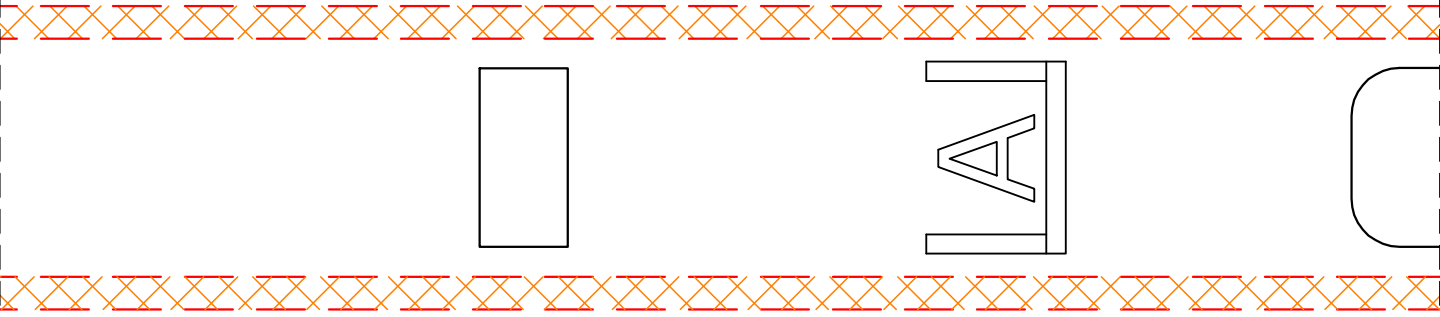


10 SPAR
1 FOAM BOARD
FT SIMPLE CUB - v.1.0



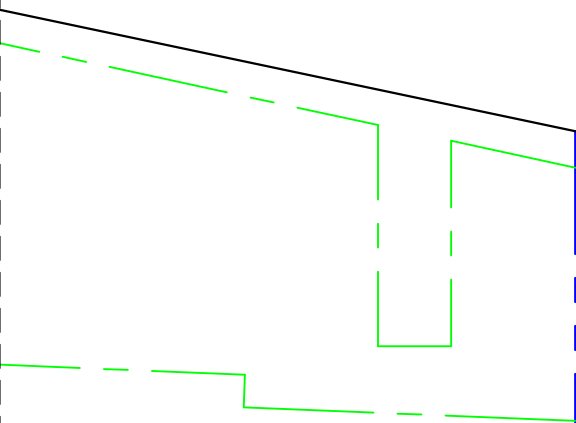
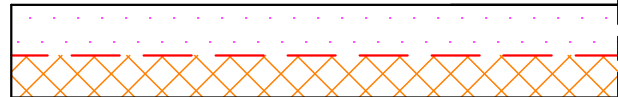
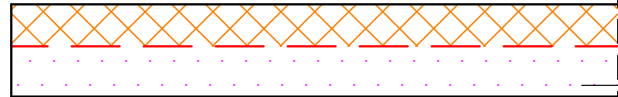
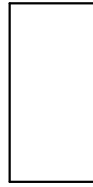


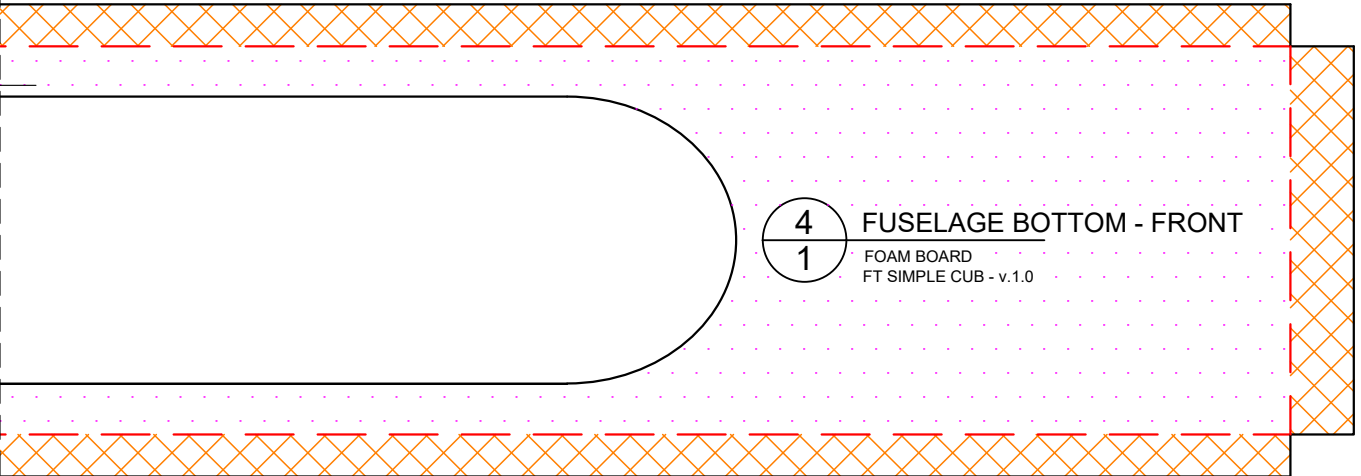
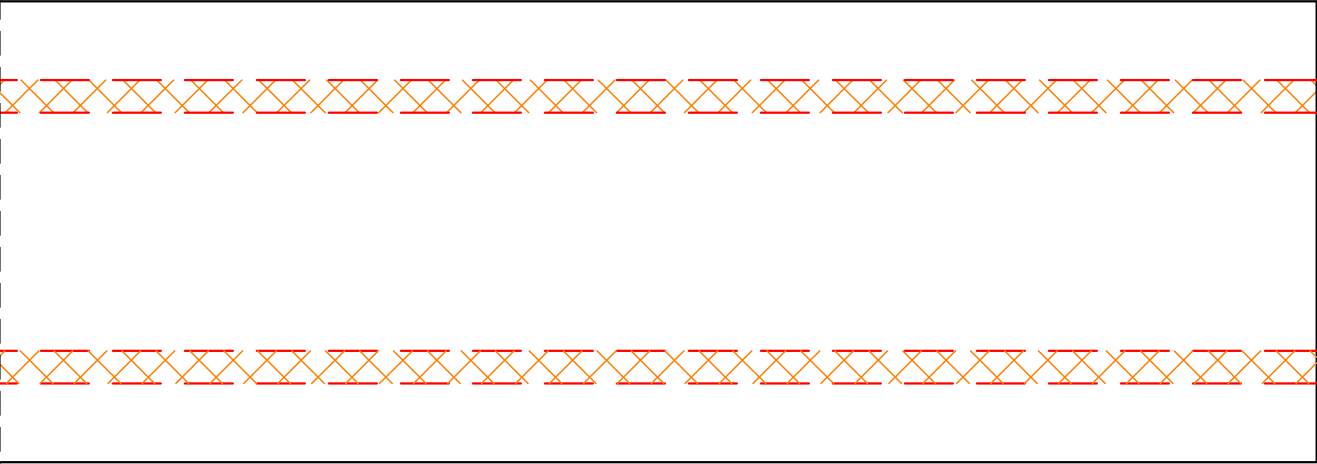
IN
CM





IN
CM

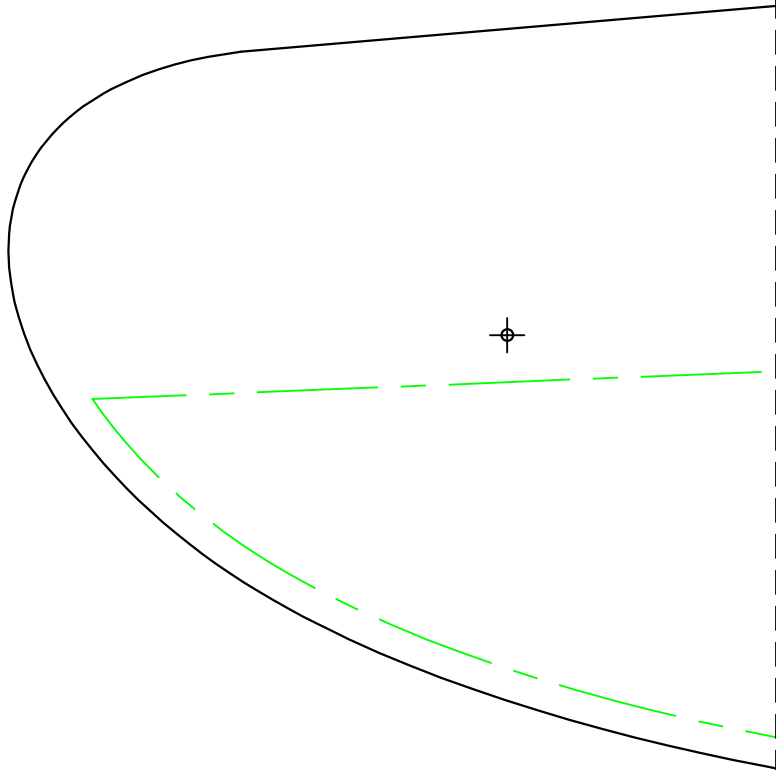
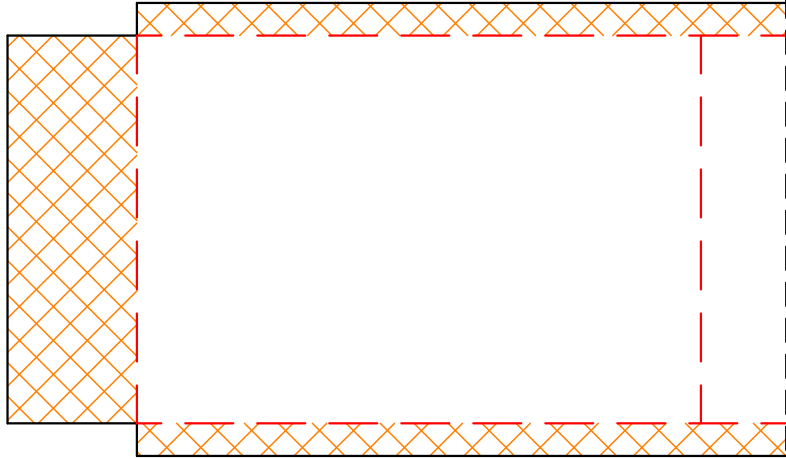


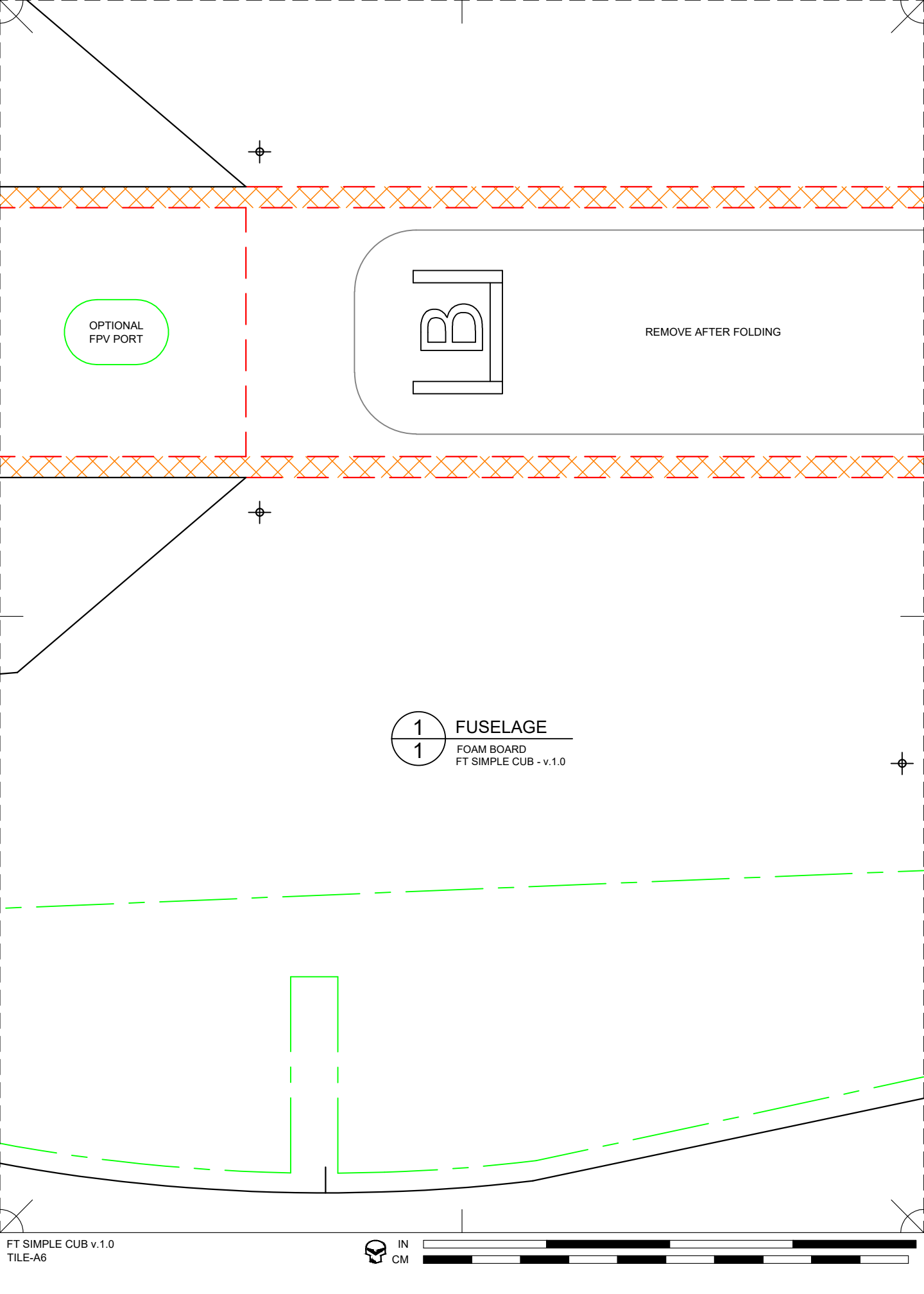


4
1

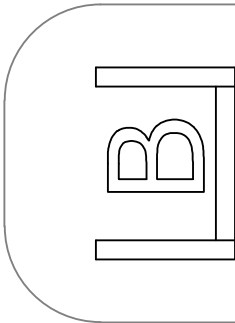
FUSELAGE BOTTOM - FRONT

FOAM BOARD
FT SIMPLE CUB - v.1.0





OPTIONAL
FPV PORT



REMOVE AFTER FOLDING



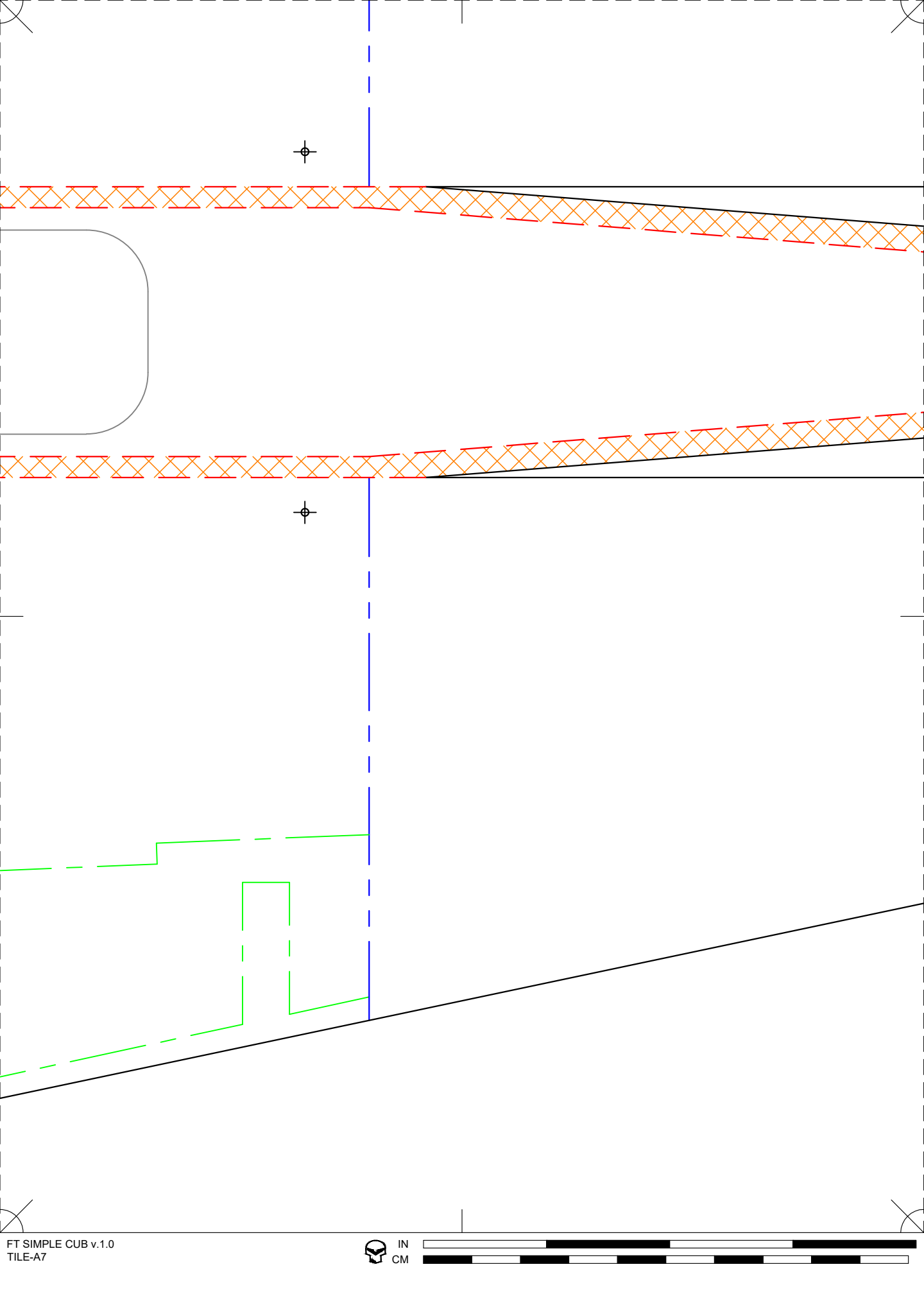
FUSELAGE

FOAM BOARD
FT SIMPLE CUB - v.1.0



IN
CM



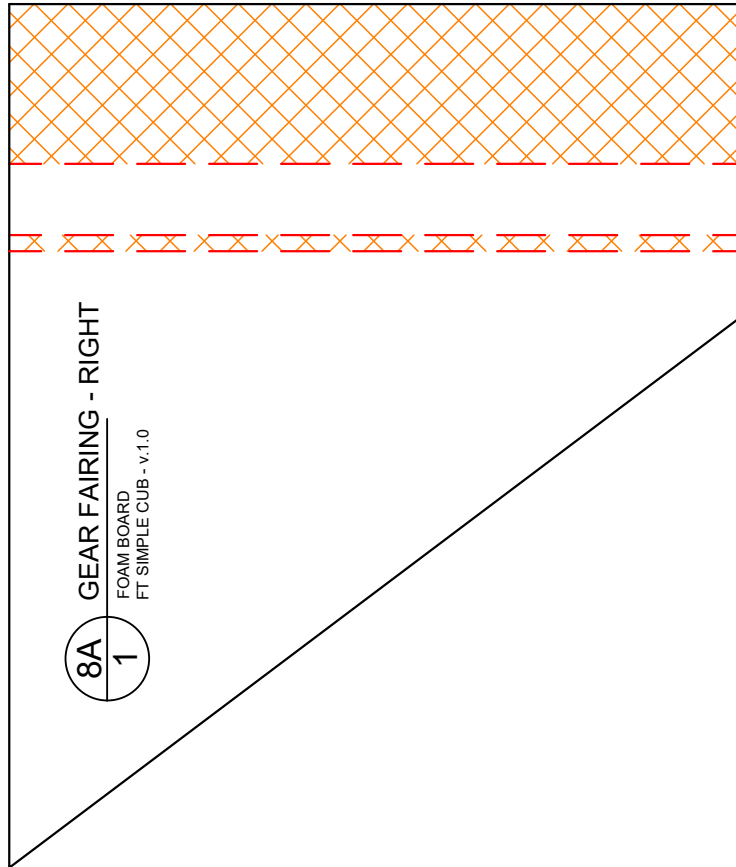
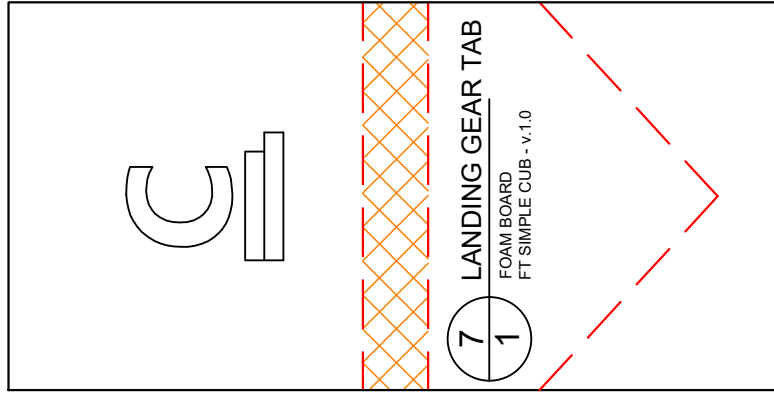


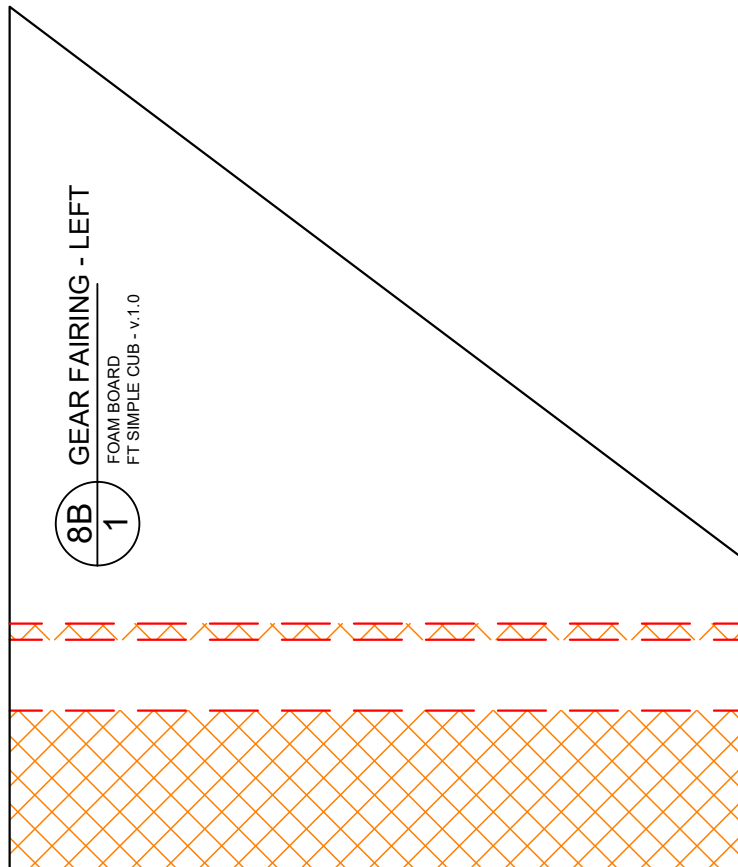
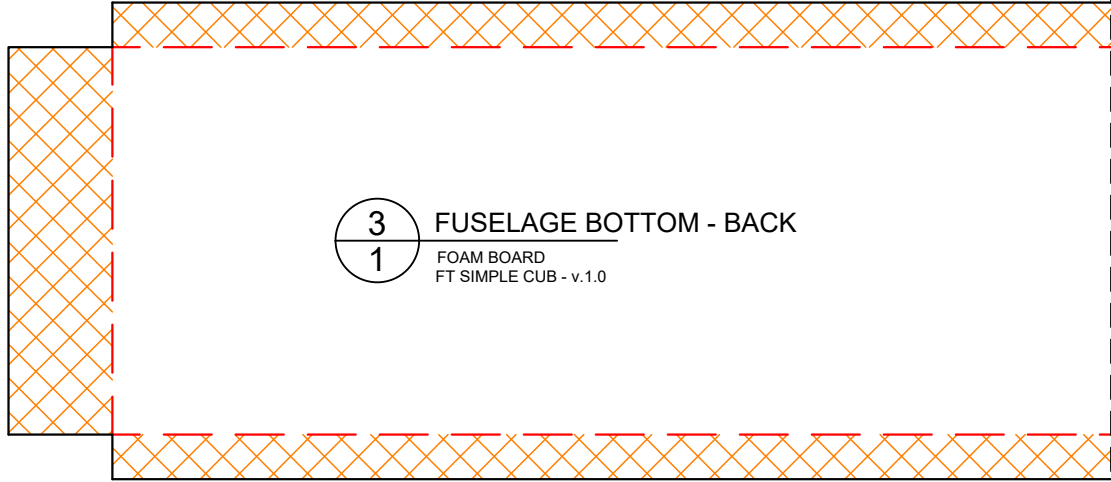
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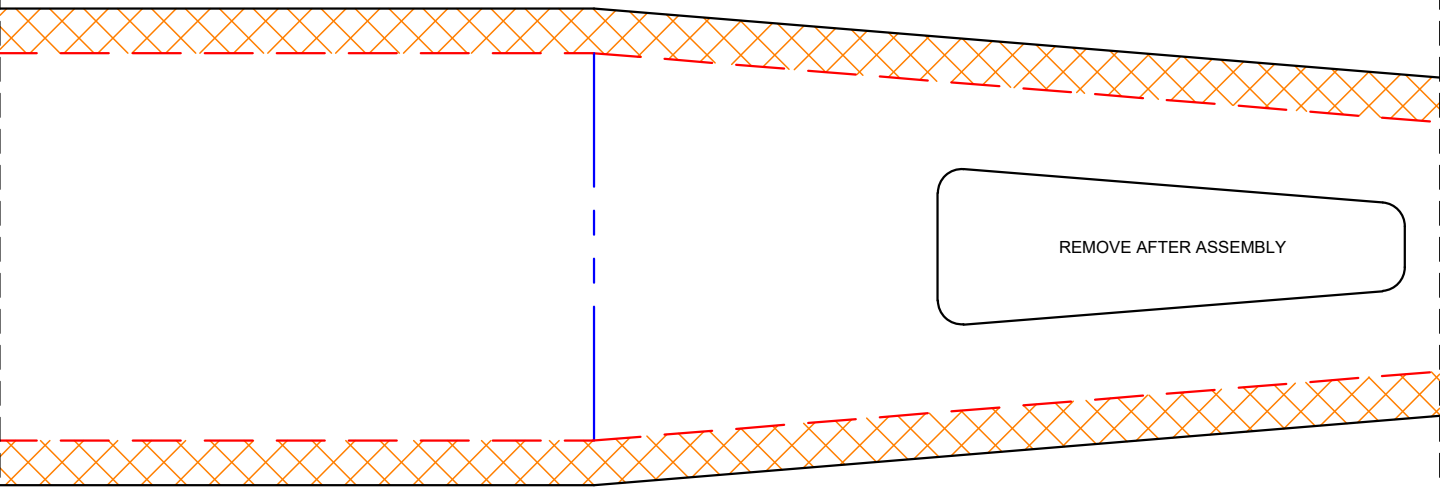
REMOVE AFTER FOLDING

REMOVE AFTER FOLDING

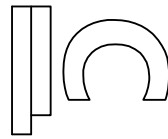








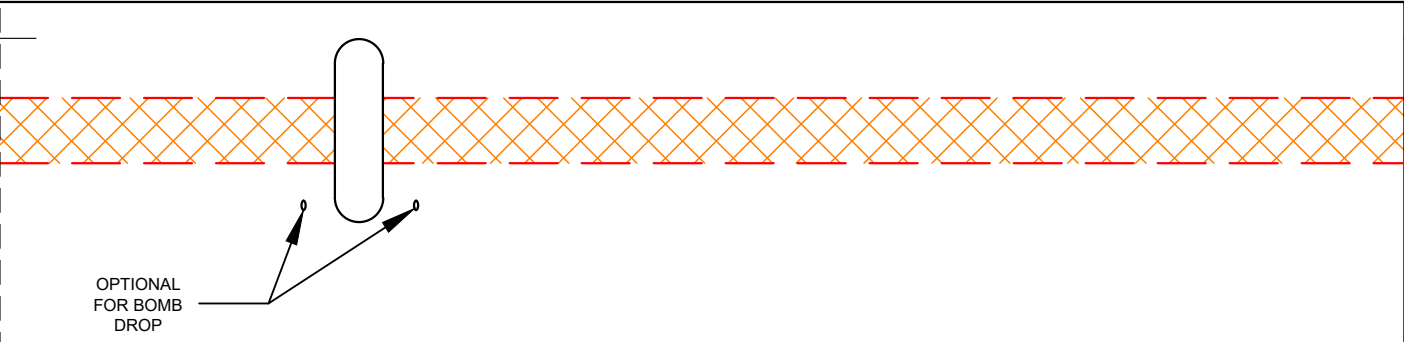
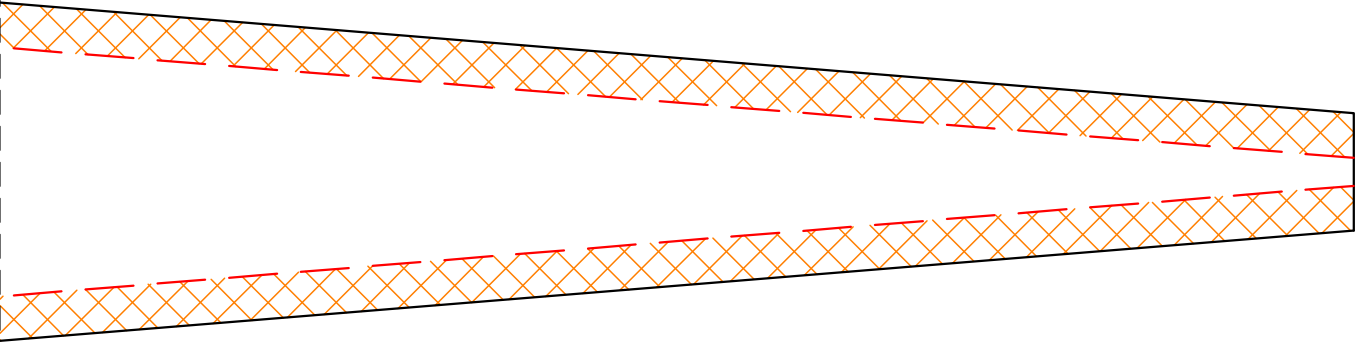
REMOVE AFTER ASSEMBLY



9A WING PAN
1 FOAM BOARD
FT SIMPLE CUB -

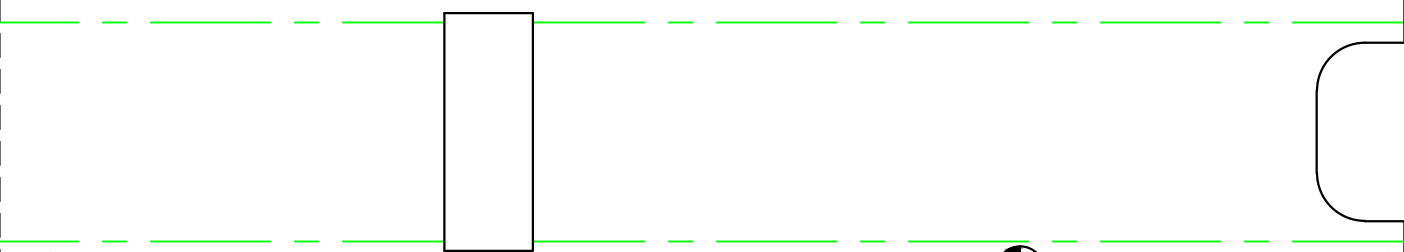


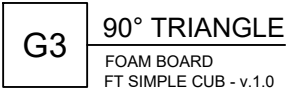
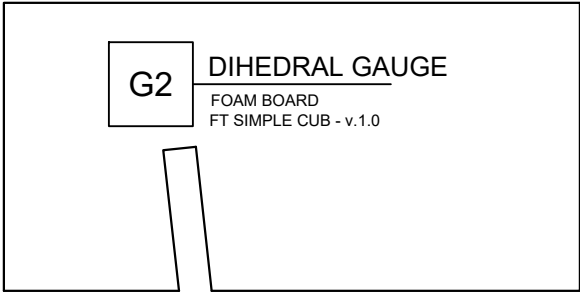
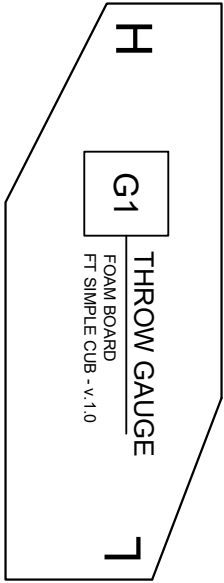
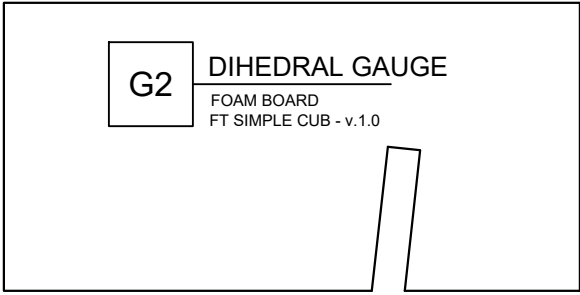
IN
CM



EL - RIGHT

v.1.0

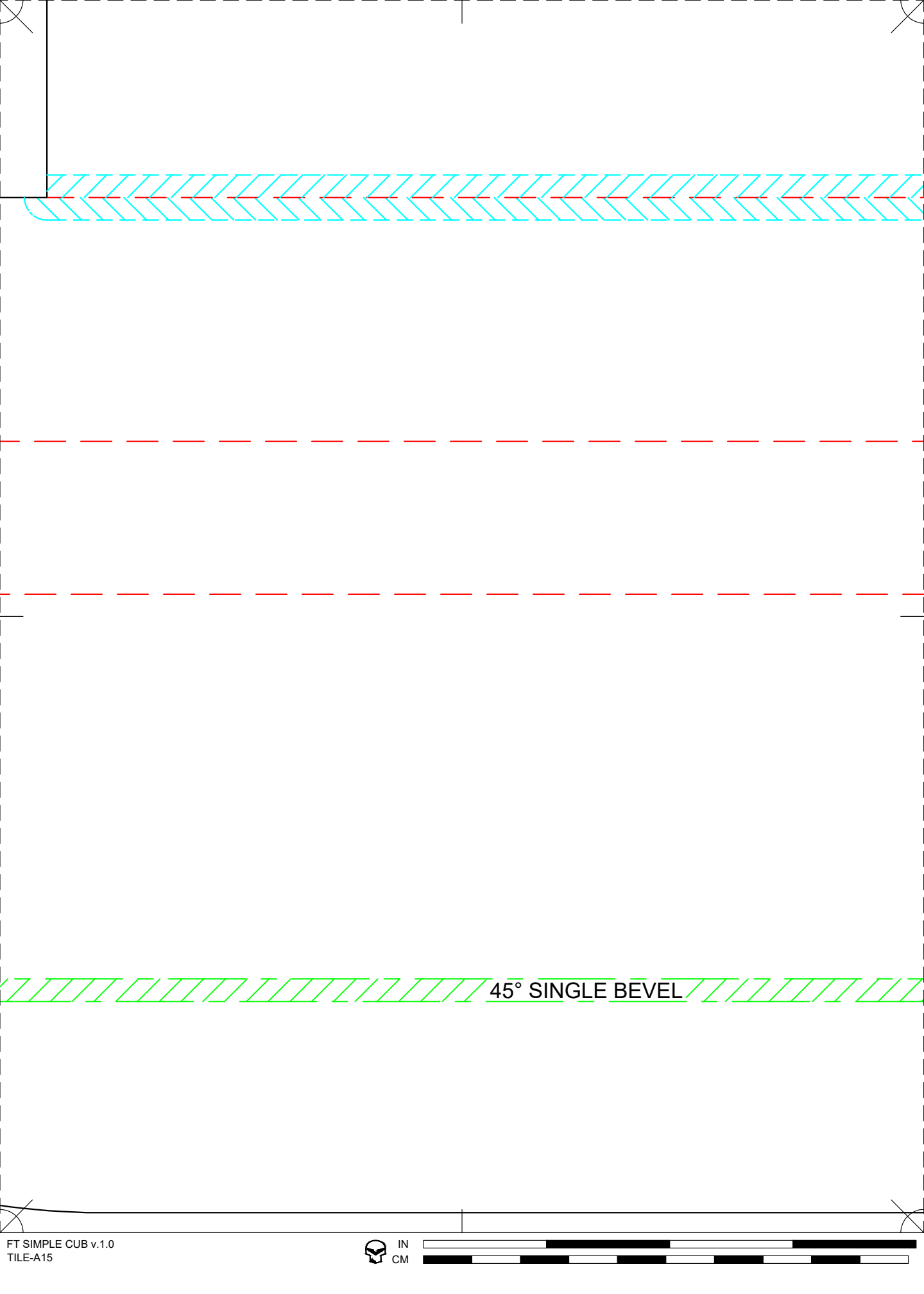






IN
CM

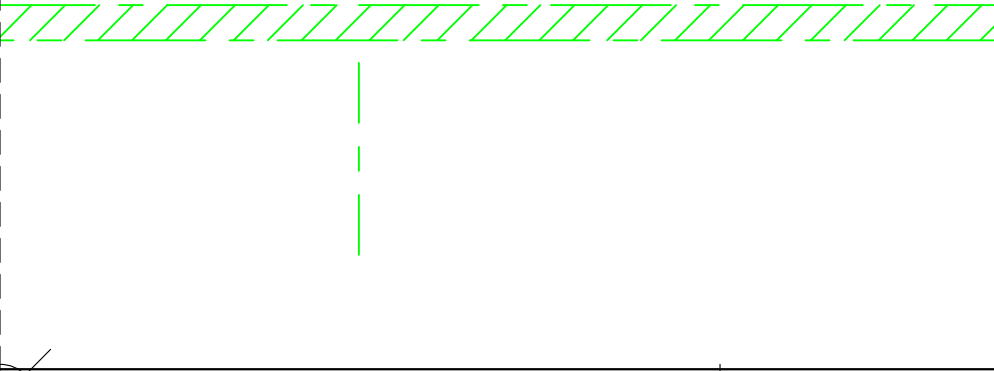
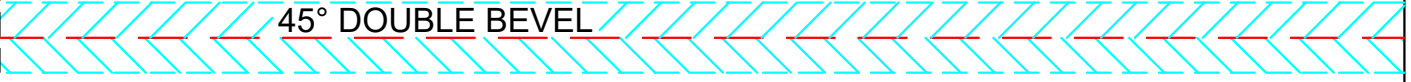


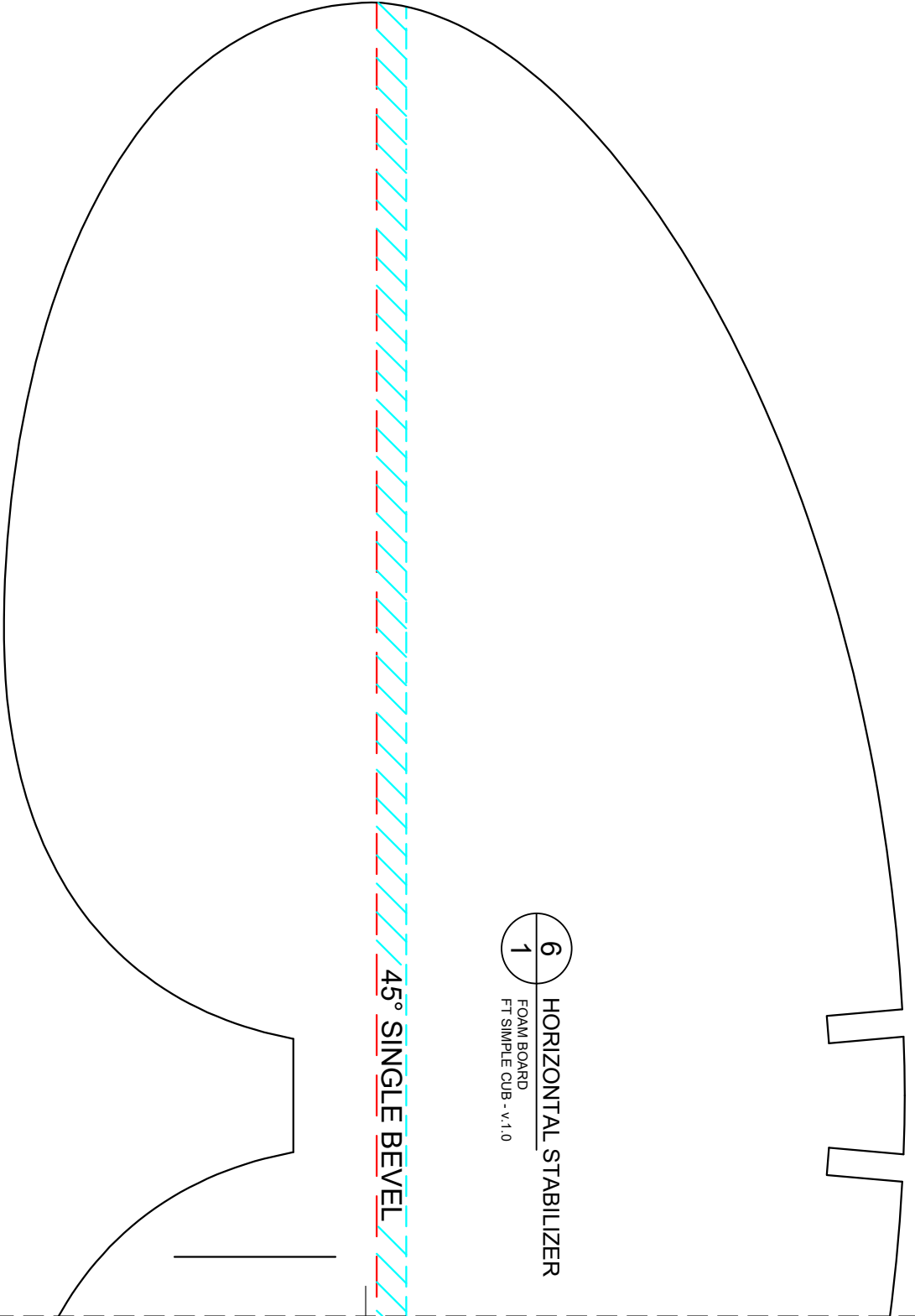


45° SINGLE BEVEL



45° DOUBLE BEVEL





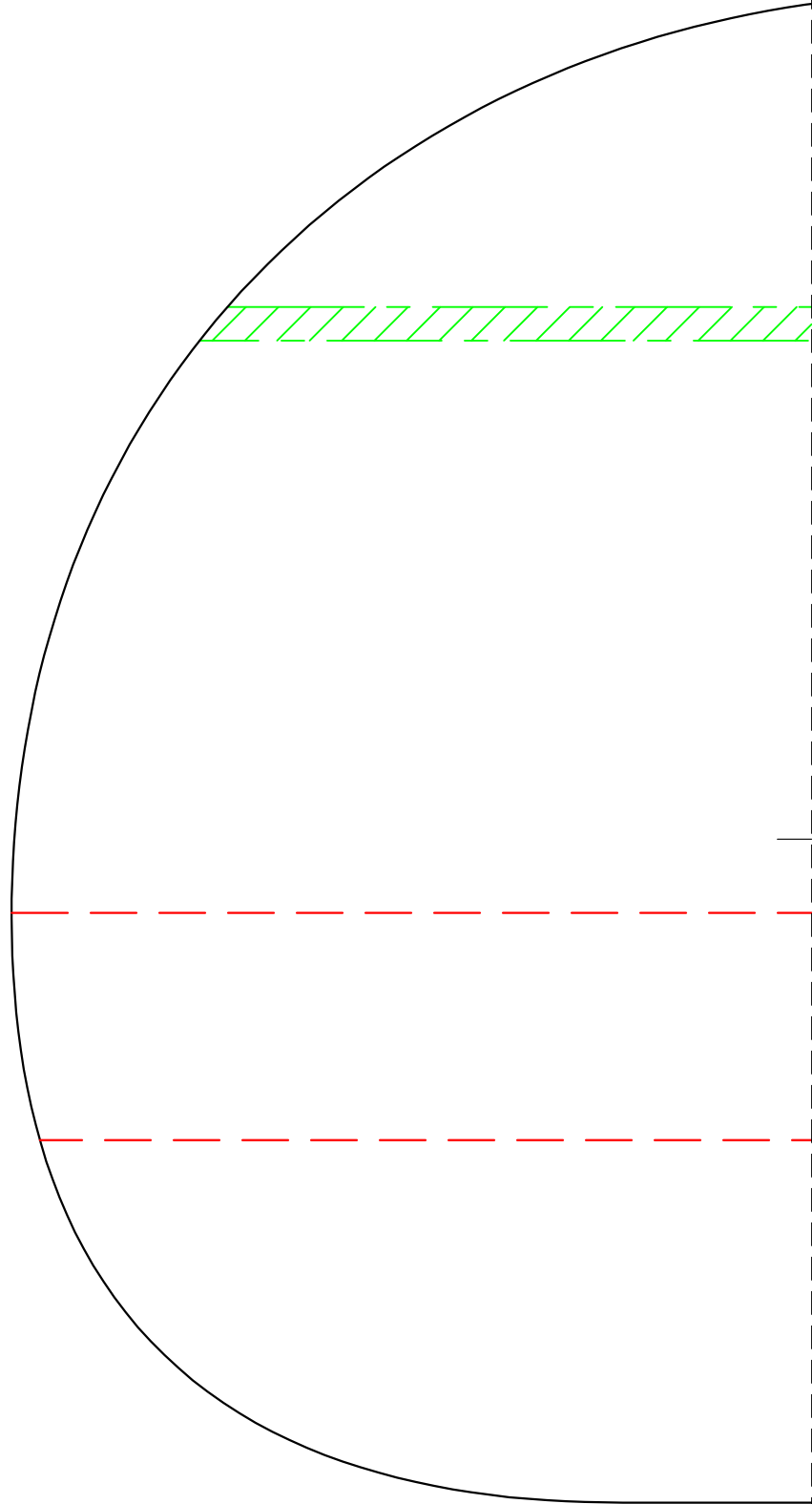
6
1

HORIZONTAL STABILIZER
FOAM BOARD
FT SIMPLE CUB - v.1.0

45° SINGLE BEVEL



IN
CM

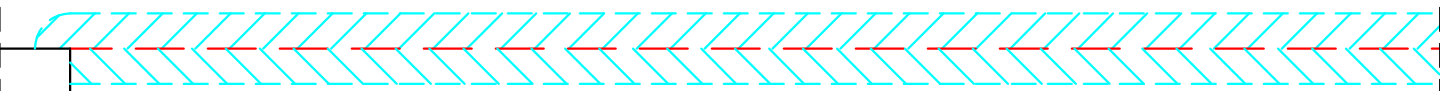




IN
CM

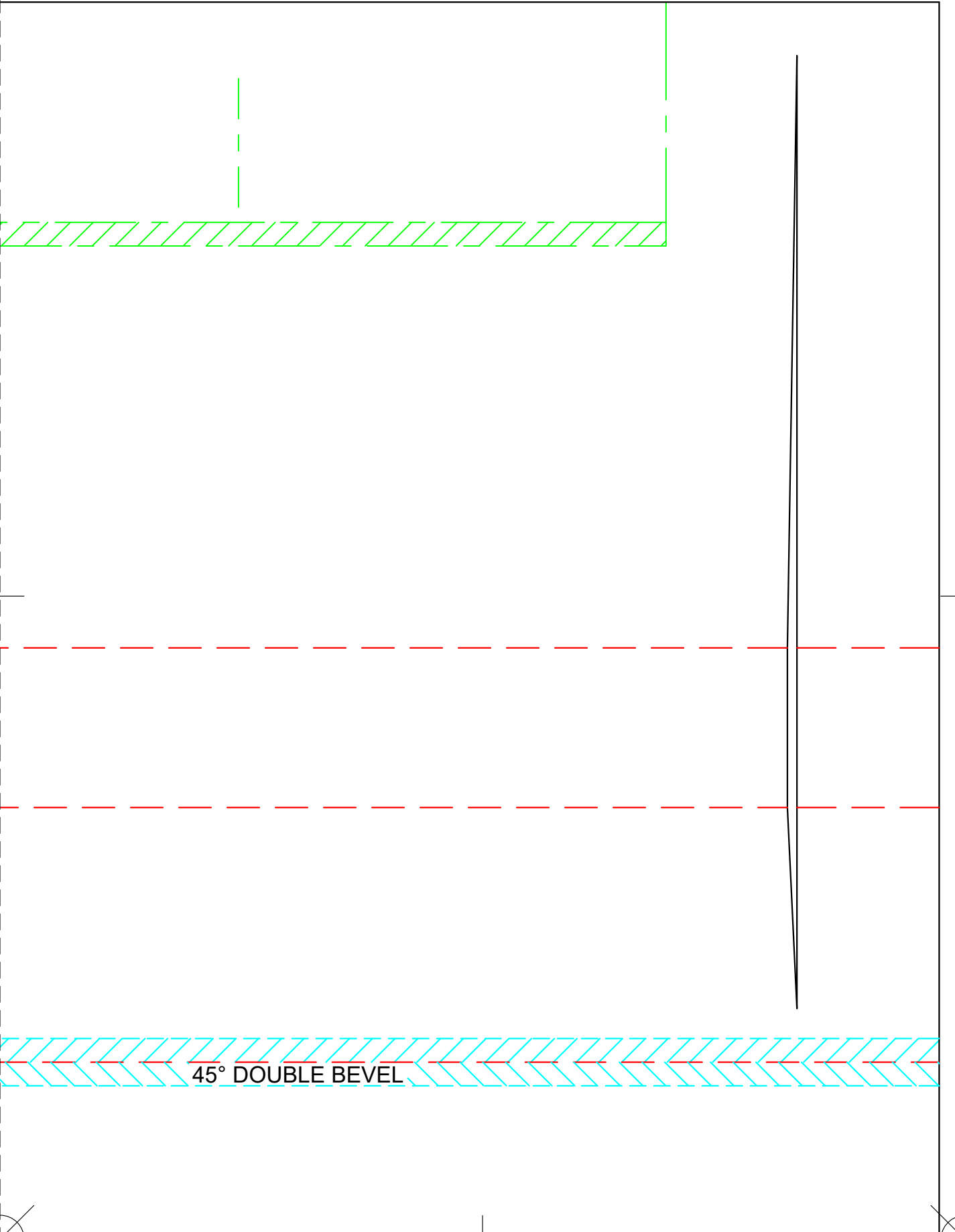


45° SINGLE BEVEL





IN
CM

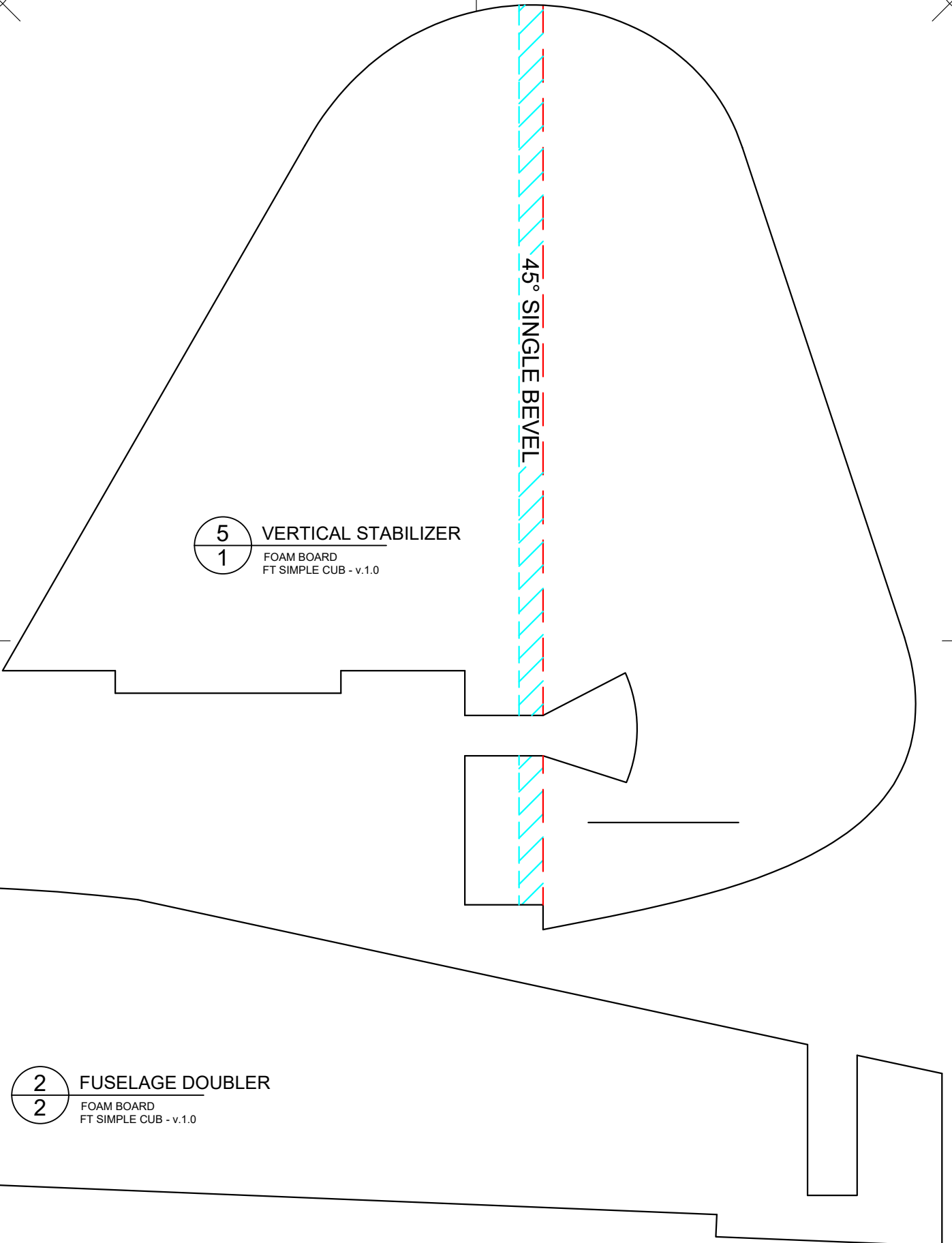


45° DOUBLE BEVEL



IN
CM



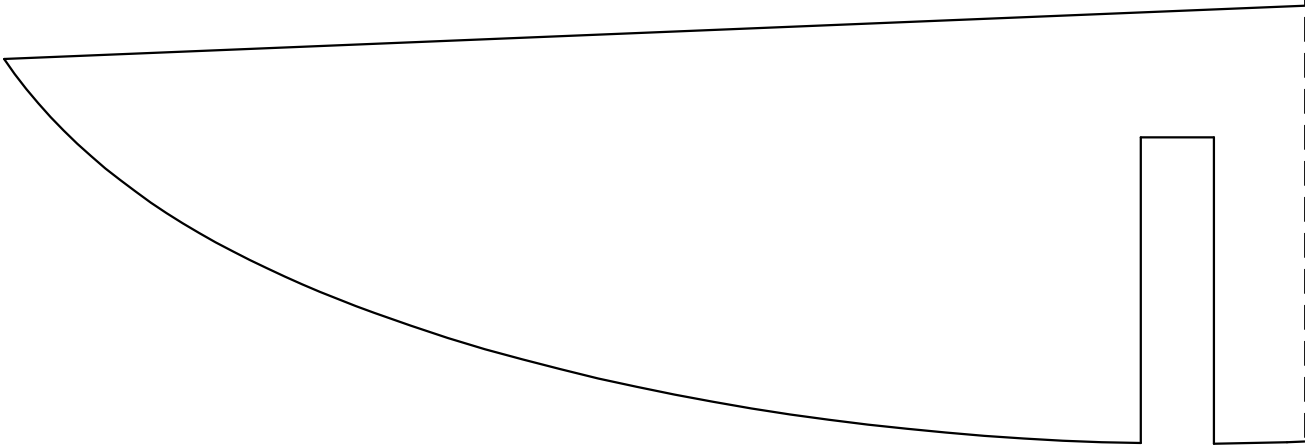
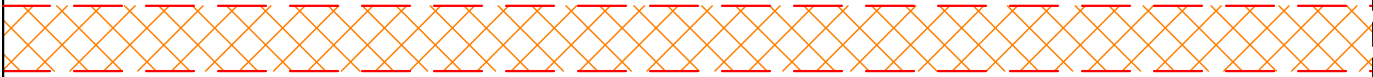
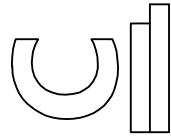


5 VERTICAL STABILIZER
1 FOAM BOARD
FT SIMPLE CUB - v.1.0

2 FUSELAGE DOUBLER
2 FOAM BOARD
FT SIMPLE CUB - v.1.0



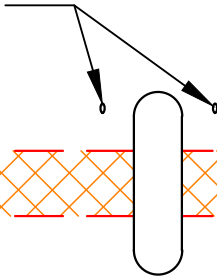
9B WING
1 FOAM BO
FT SIMPL



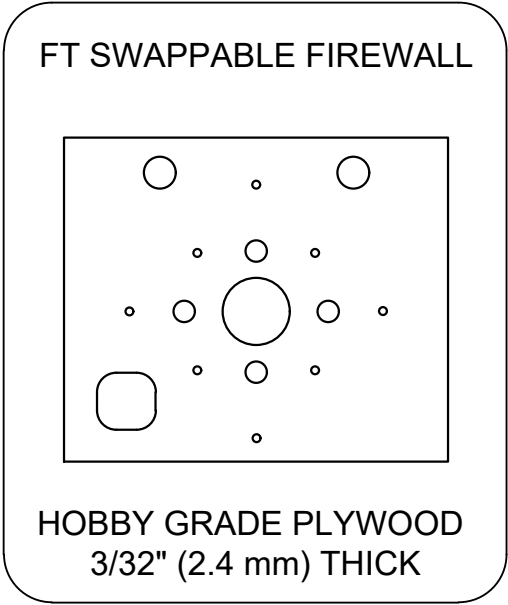
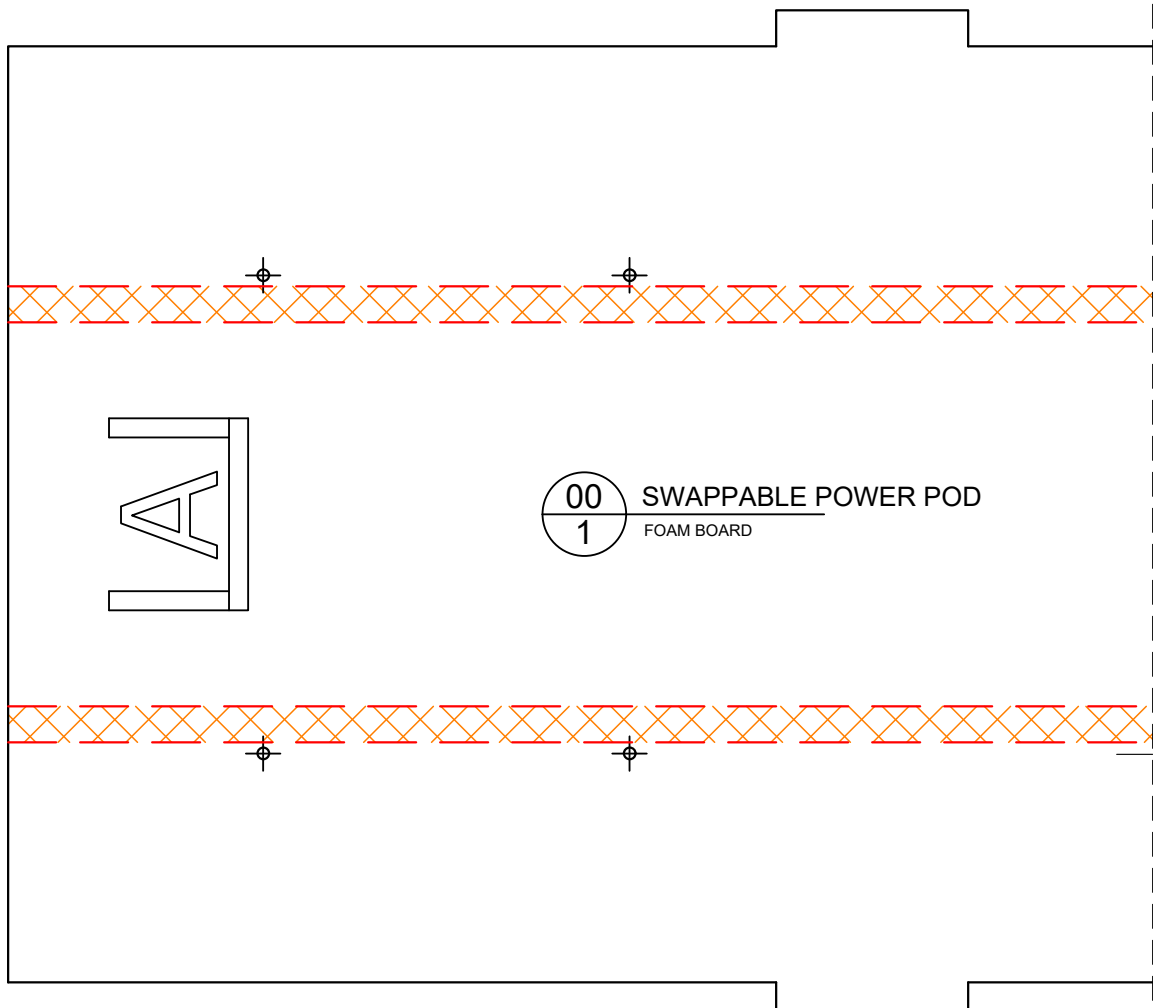
PANEL - LEFT

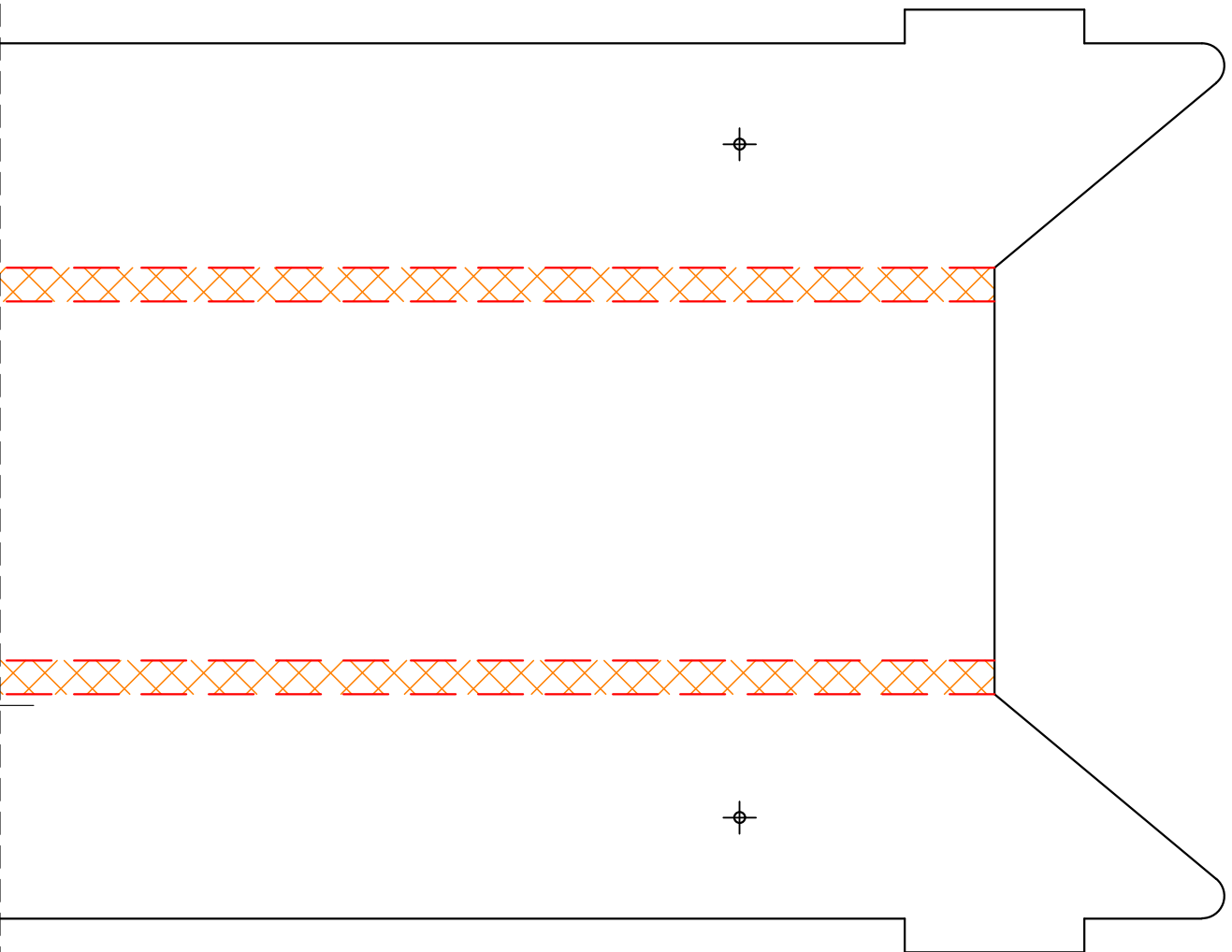
WARD
E CUB - v.1.0

OPTIONAL
FOR BOMB
DROP

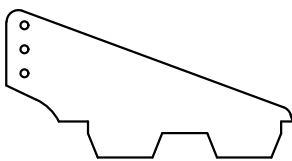


2 FUSELAGE DOUBLER
2 FOAM BOARD
FT SIMPLE CUB - v.1.0





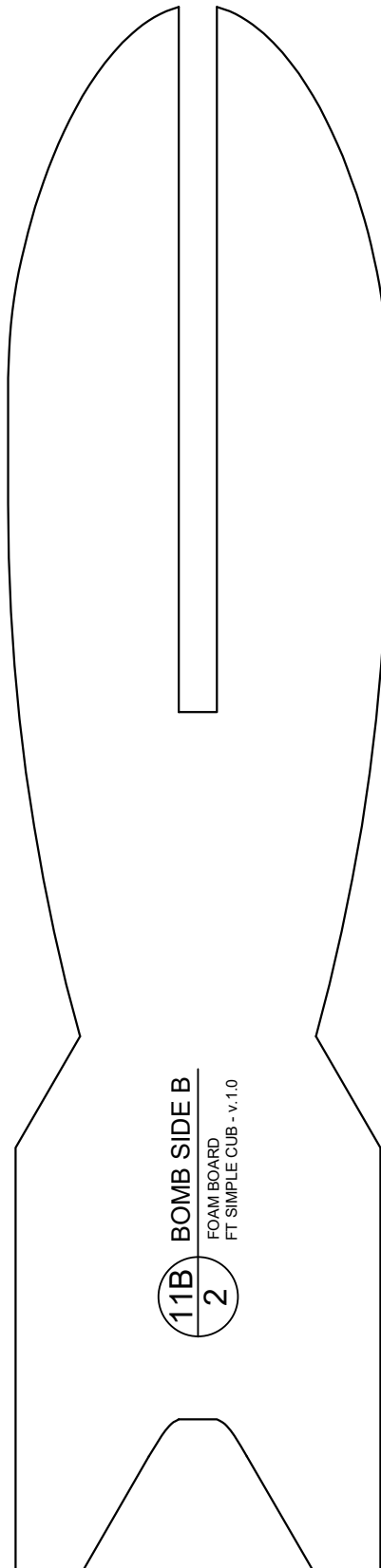
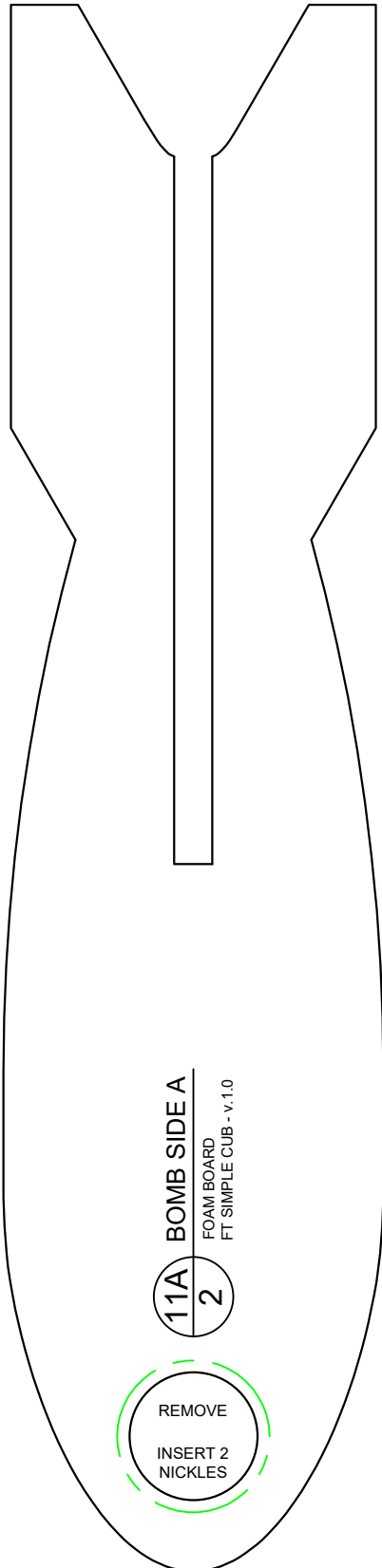
FT CONTROL HORN



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

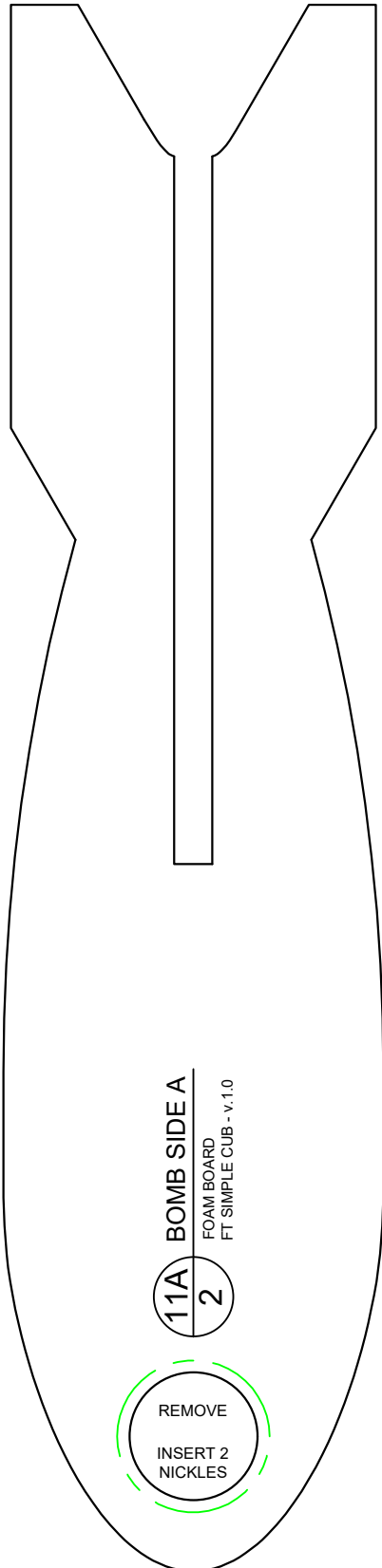


IN
CM



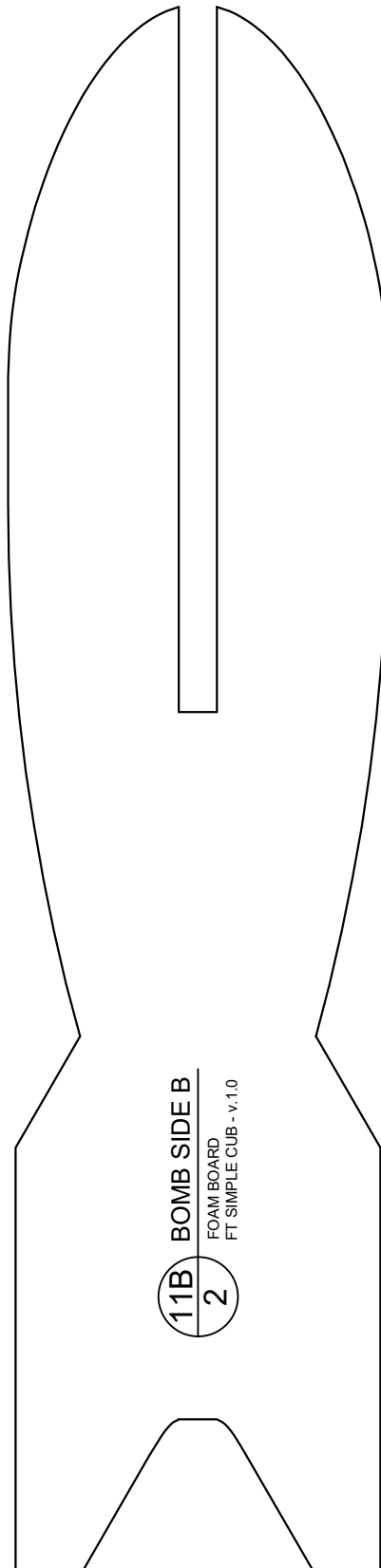


IN
CM

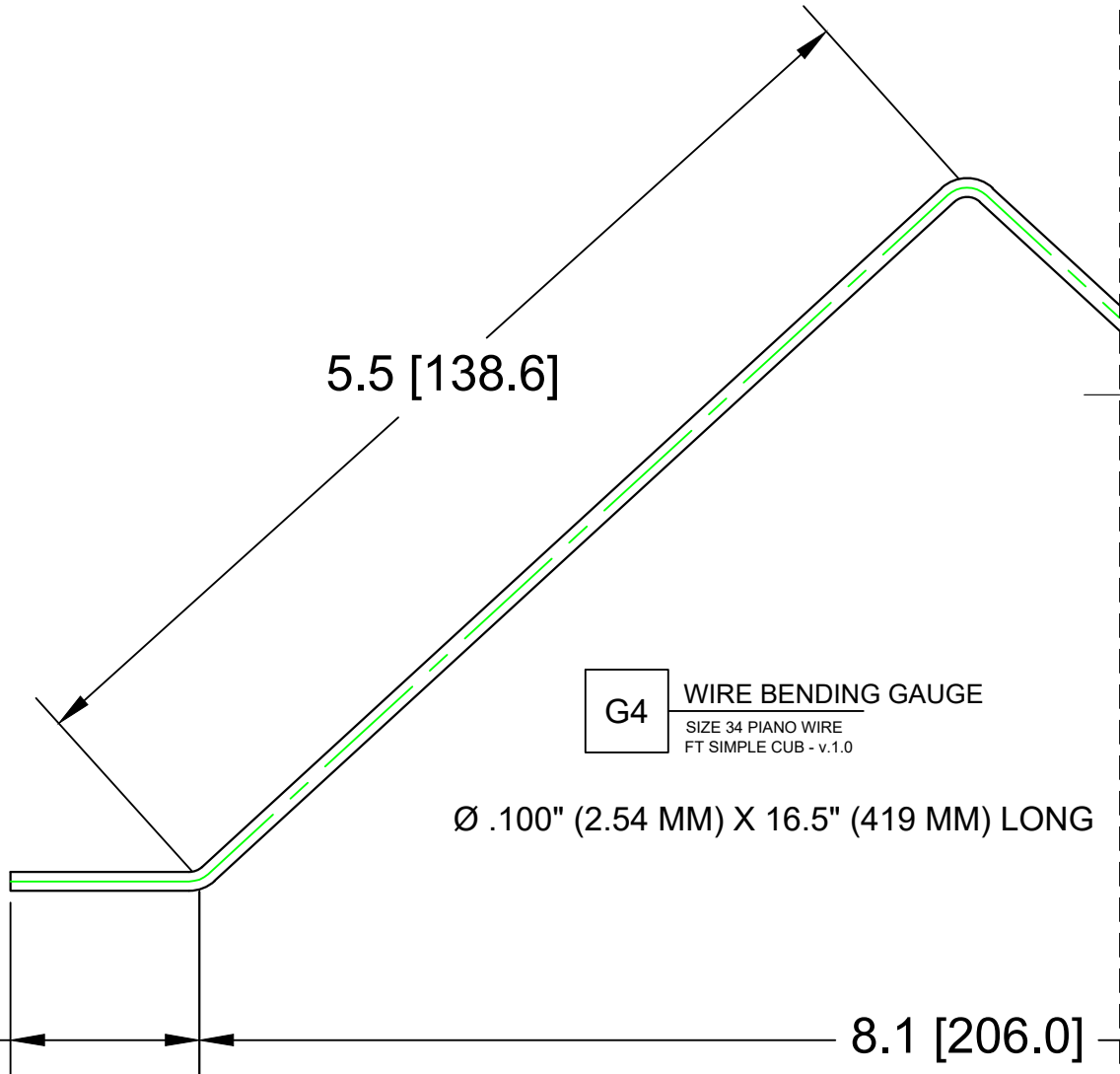


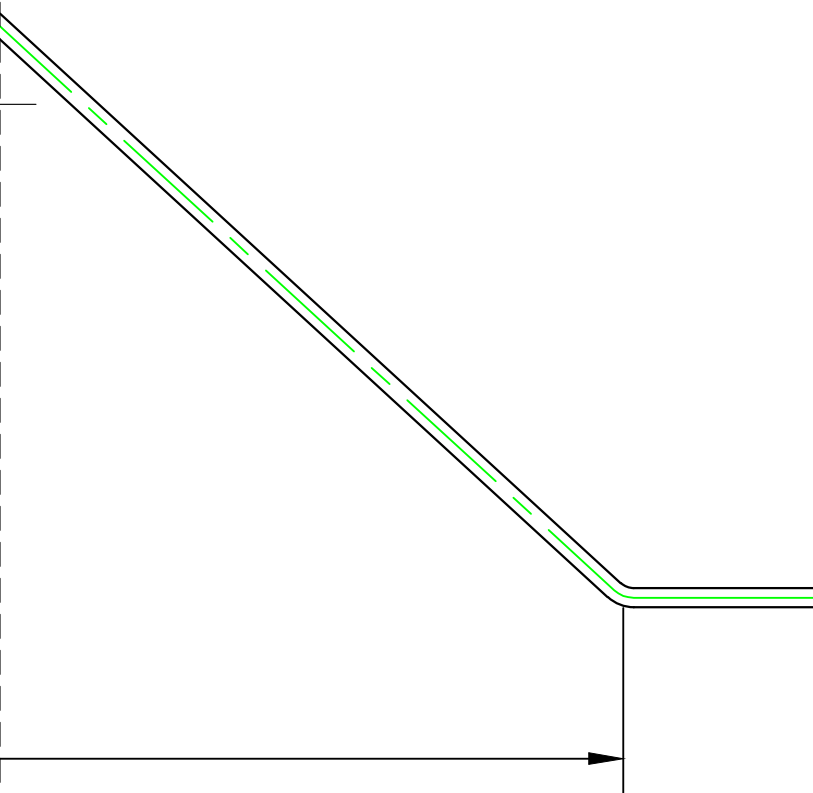
11A BOMB SIDE A
FOAM BOARD
FT SIMPLE CUB - v.1.0
2

REMOVE
INSERT 2
NICKLES



11B BOMB SIDE B
FOAM BOARD
FT SIMPLE CUB - v.1.0
2





IN
CM

