1180/4 = 295 ⇒ 300

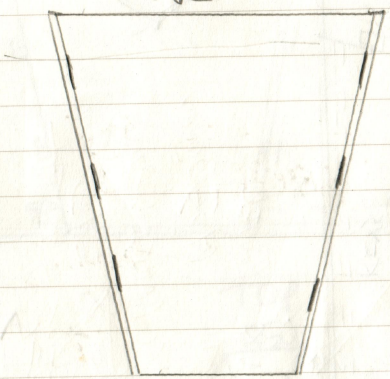
The slots insert (10mm) have changed the 2 to 1 ratio!

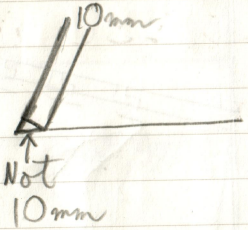
GENERAL			
TOP	(960)	940	920
BOTTOM	(480)	470	460

KEYS	
TOP	920
BOTTOM	460

SLOTS	
TOP	940
BOTTOM	480

PANEL OVERLAY





EITHER THE KEY OR SLOT PANEL WILL BE 2:1 RATIO
- NOT BOTH
SO, MAKE KEY PANEL 2:1 (ARBITRARY)
BUT THE SIDE ANGLES NEED TO REMAIN THE SAME
THIS SHOULD BE OK
- PARALLEL LINES ON THE SLOT PANEL

TOP SHEET

- TOP

10 (EDGE) + 920 + 25 + 480* + 25 + 920
= 2380 (2390) (30) (30)

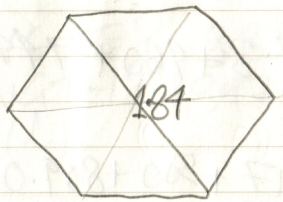
- BOTTOM

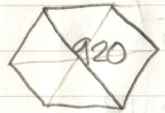
10 (EDGE) + 460 + 25 + 940 + 25 + 460 + EXTRA + EXTRA

BOTTOM SHEET

- TOP

10 + 920 + 25 (30) + 480* + 5 + 940
= 2380 (2385)



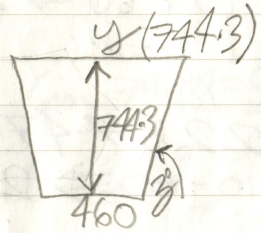


GOLDEN RATIO
1 : 1.618034

460 : x

$\frac{1}{1.618034} = \frac{460}{x}$

x = 744.3



LEAST PERIMETER FOR SURFACE AREA

HONEYCOMB CONJECTURE

HEXAGONAL TUBE

DOES PANEL LENGTH MAKE A DIFFERENCE OR IS IT FRACTAL?

* HOW DO YOU MAXIMISE CONVECTION WITH A ↗