

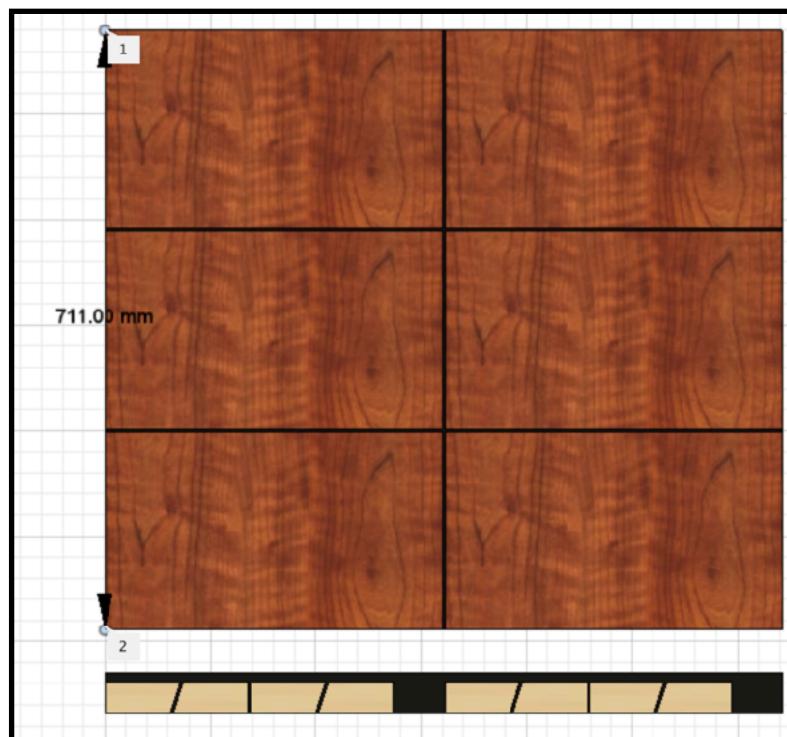
144

CUT SEQUENCE.
ALL AT RIGHT
ANGLE ON TABLE
SAW UNTIL
FUTHER NOTICE.
CUT IS FINISHED
LENGTH. ALL
UNITS IN MM.
CUTS TS A-X

CUT A = 803MM



CUT B = 711MM

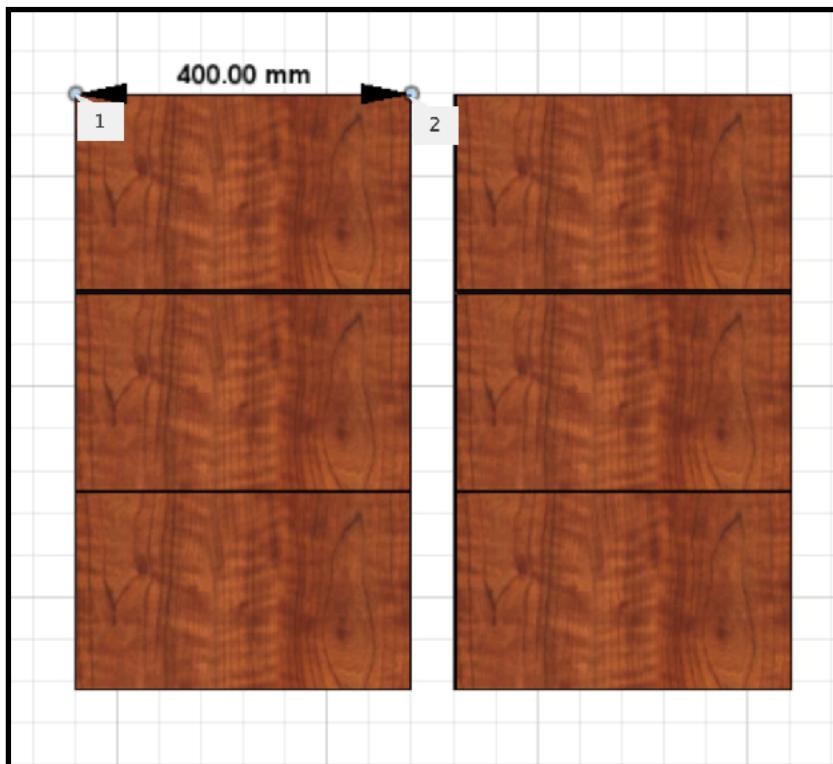


CUT C = 37MM



CUT D = 400MM

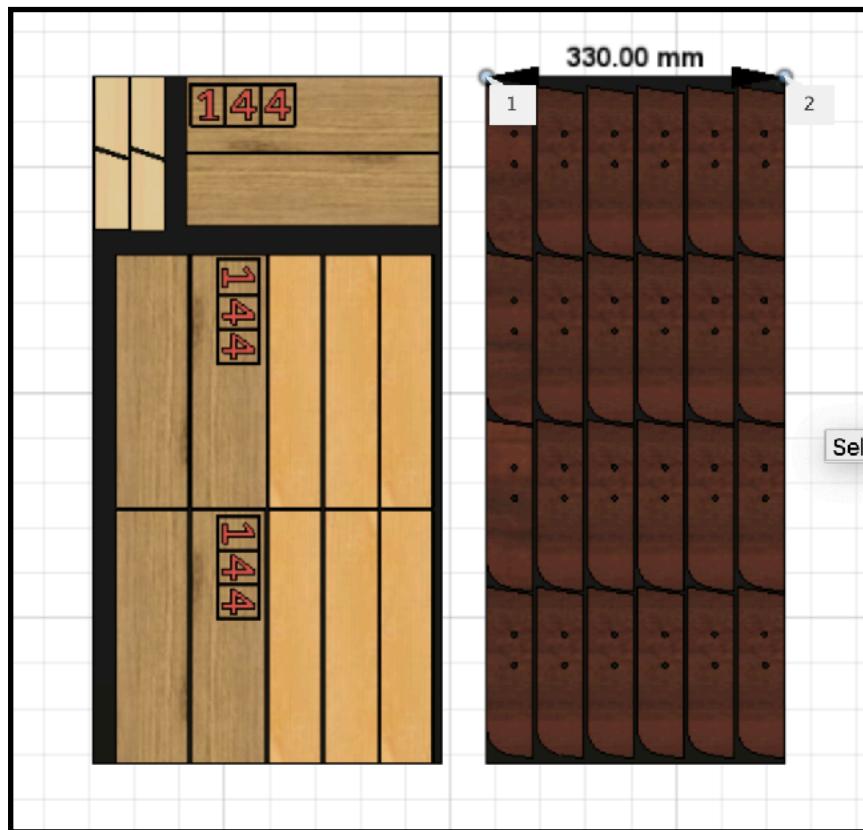
NOTE: RESULT
SHOULD BE
EQUAL HALVES



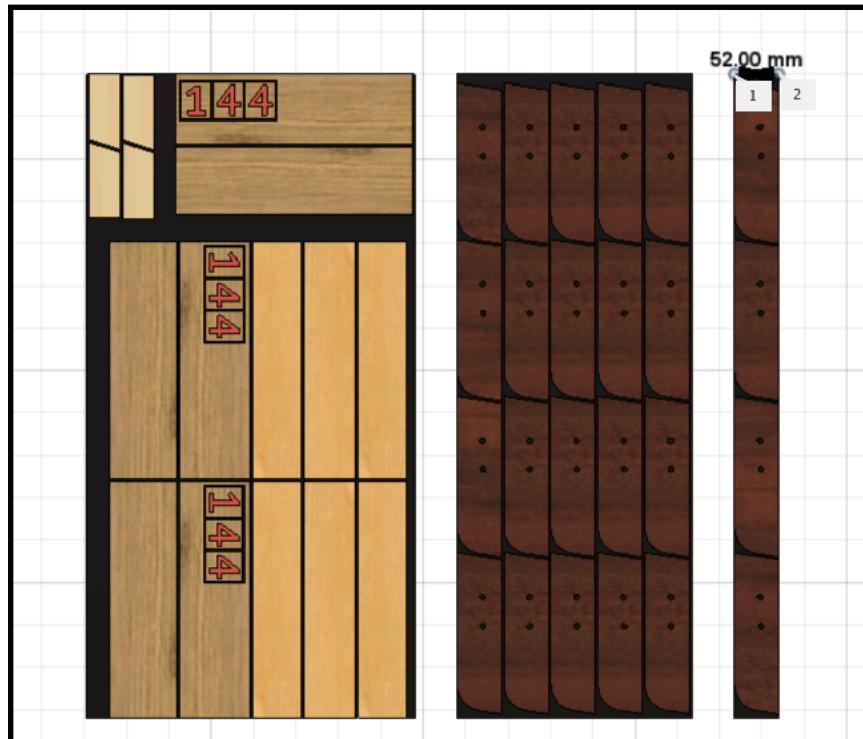
CUTS E & F -
STACKED
= 235MM. YIELD
6 PIECES
400X235



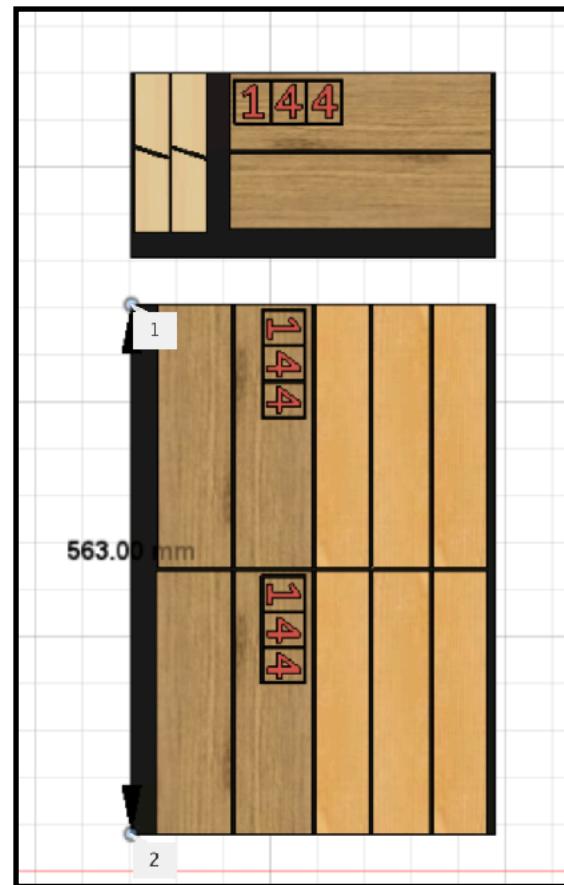
CUT G
= 330MM



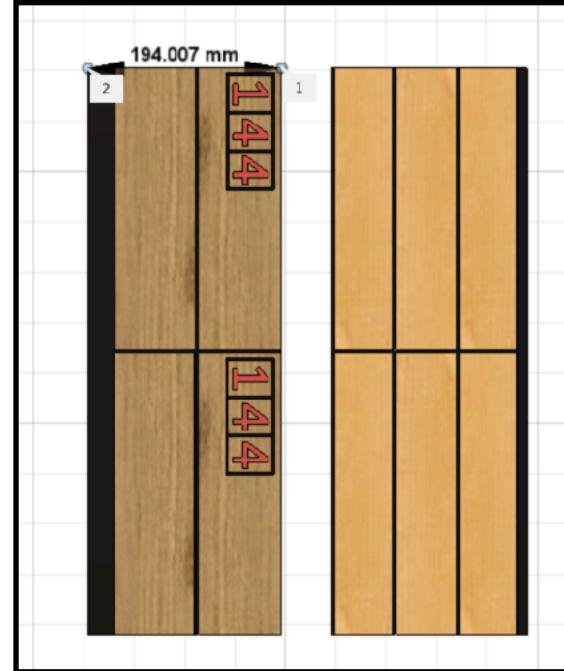
CUTS H I J
K L M
= 52MM EACH
YEILD 6 PIECES



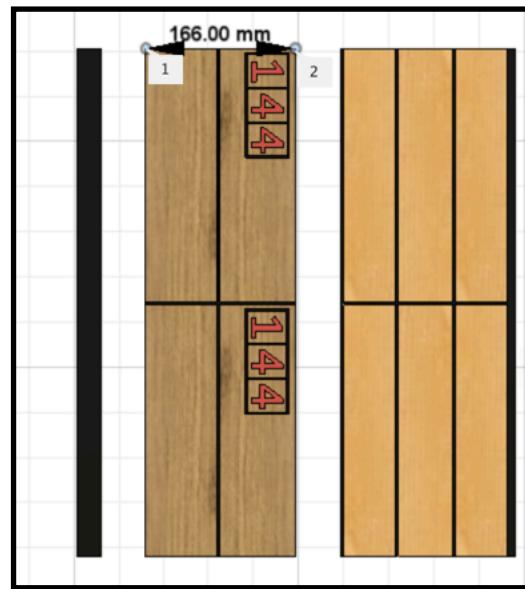
CUT N = 563MM



CUT O = 194 MM
WILL BE +/- 10MM

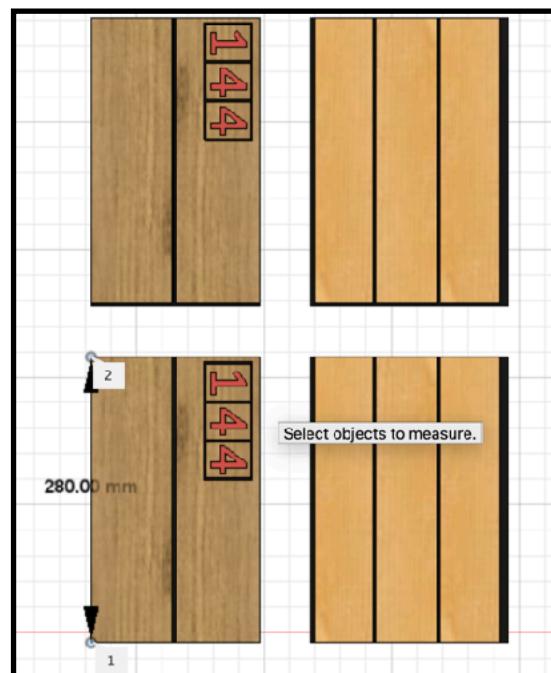


CUT P = 166 MM

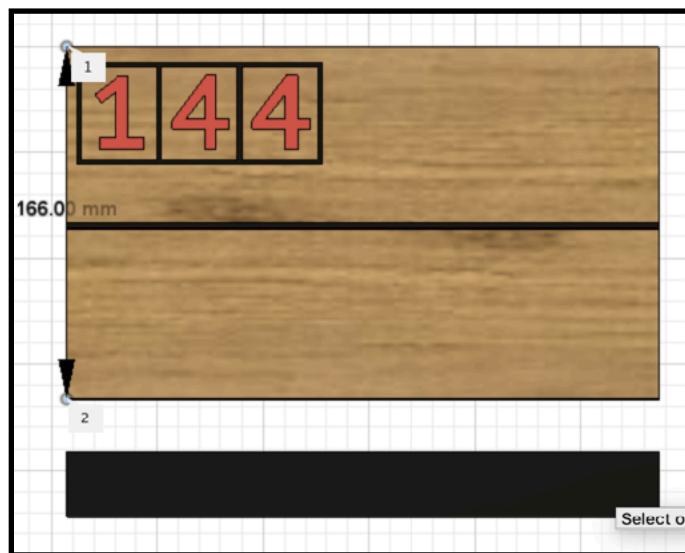


CUT Q = 280 MM

CAN BE STACKED YEILD
4 PIECES ALL 280MM LONG

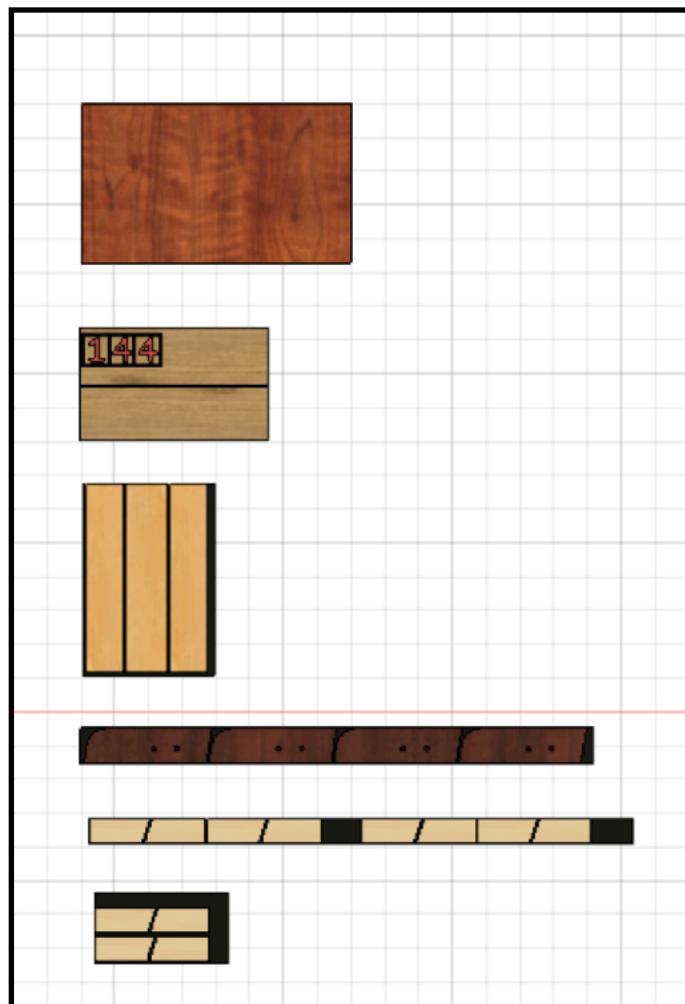


CUT R = 166 MM



END OF RIGHT ANGLE
TABLE SAW CUTS!!!

6 PIECES = 400 X 235



3 PIECES = 280 X 166

2 PIECES = 192 X 280

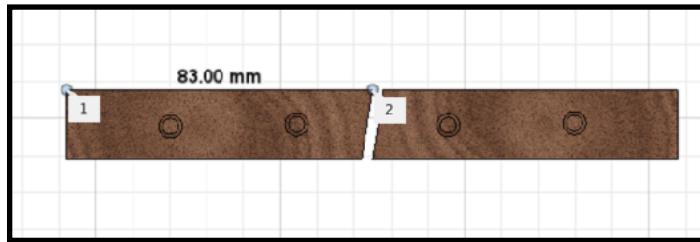
6 PIECES = 760 X 52

1 PIECE = 803 X 37

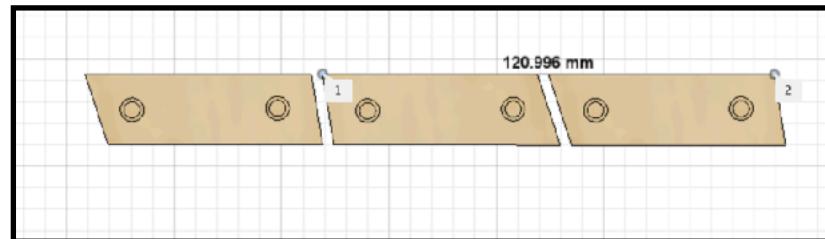
1 PIECE 197 X 104

SET TABLE SAW 9 DEGREES
OFF SQUARE

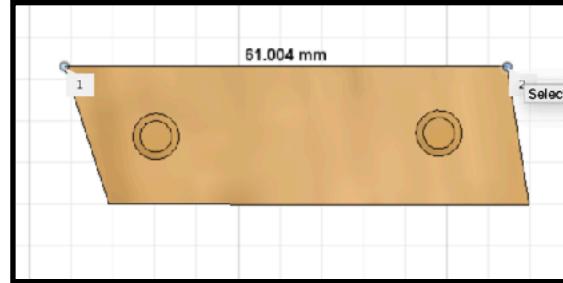
CUT S = 83MM
FRONT FACE



CUTS T & U
BACK FACE
TAKE OFF LONG EDGE
THEN MAKE CUT AT 121MM

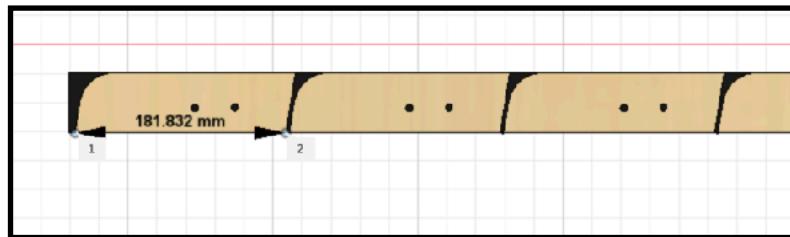


SET TABLE SAW TO 18 DEGREES
OFF SQUARE
CUTS V & X
CUT SMALLER PIECE TO 61MM ON
LONG FACE THEN SPLIT LARGER PIECE

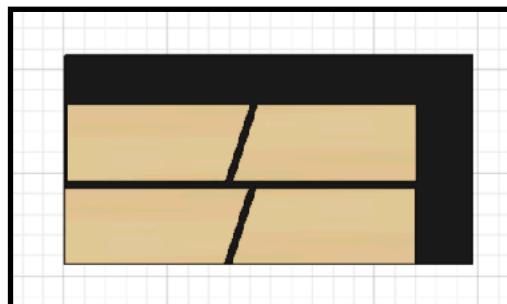


END OF TABLE SAW CUTS

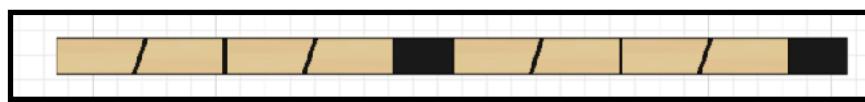
SET CHOP SAW
9 DEGREES OFF SQUARE
4 EQUAL PIECES 182MM
ON LONG EDGE
24 LEGS



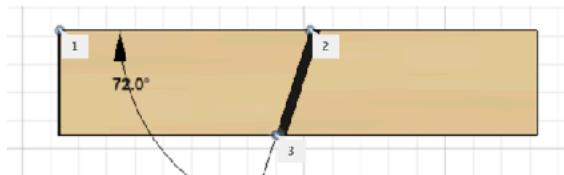
SIDE SUPPORTS
SET CHOP SAW SQUARE
TAKE PIECE DOWN TO
70MM X 170MM THEN
SPLIT ON LONG EDGE



4 EQUAL PIECES 170MM



SET CHOP SAW
18 DEGREES OFF SQUARE
AND DIVIDE
12 SIDE BRACES



SET ROUTER TABLE WITH FLUTED BEARING BIT AND WITH JIG ROUND ONE CORNER OFF EACH LEG 24X

CHAMFER TOP AT 45 DEGREES ON TABLE SAW OR ROUTER TABLE.

DRILL ALL HOLES WITH JIGS AND DRILL PRESS 7/32" HOLES, SET CUT DEPTH TO .5" ON FACE HOLES AND .75" ON SUPPORT HOLES

STRETCH GOAL: PUT 144 LOGO ON FRONT FACE W/ CNC

NOTES ON PREP:

EACH LEG HAS THE SAME DIMENSIONS BUT DIFFERENT DRILL PATTERNS. USE ROTARY SANDER TO CLEAN UP CUTS AND IF NECESSARY REMOVE STOCK TO FIT IN JIG FOR DRILLING.

ADULT: HEY THAT'S A NICE STOOL YOU HAVE THERE, WHERE DID YOU GET IT

CUB: I MADE IT

ADULT: REALLY?

CUB: THIS IS THE WAY

