

## Cutting Diagrams

# Cabinet Base Workbench

### BASE FRAME

A Legs (4) .....	810 x 67 x 67
B Upper End Rail (2) .....	620 x 91 x 41
C Lower End Rail (2) .....	620 x 141 x 41
D Stile (5) .....	600 x 67 x 19
E End Panels (4) .....	600 x 265 x 19
F Lower Stretchers (2) .....	1800 x 141 x 41
G Upper Rear Stretcher (1) .....	1800 x 91 x 41
H Back Panels (4) .....	600 x 407 x 19
I Support Cleats (4) .....	626 x 91 x 41
J Bottom (1) .....	1784 x 600 x 19mm Ply.
K Upper Front Stretcher (1) .....	1800 x 67 x 41

### DRAWER CABINETS

L Cabinet Sides (4) .....	602 x 600 x 19mm Ply.
M Trim Stiles (4) .....	602 x 25 x 19
N Web Frame Ends (16) .....	592 x 38 x 25
O Web Frame Frts./Backs (16) .....	550 x 38 x 19
P Trim Rails (8) .....	543 x 25 x 19
Q Drawer Guides (4) .....	592 x 41 x 19

### DRAWERS, DOORS, & SHELVES

R Small Drawer Front (2) .....	541 x 90 x 19
S Small Drawer Backs (2) .....	541 x 90 x 12
T Small Drawer Sides (4) .....	576 x 90 x 12
U Drawer Bottoms (8) .....	570 x 528 x 6mmPly.
V Medium Drawer Fronts (2) .....	541 x 112 x 19
W Medium Drawer Backs (2) .....	541 x 112 x 12
X Medium Drawer Sides (4) .....	574 x 112 x 12
Y Large Drawer Fronts (2) .....	541 x 134 x 19
Z Large Drawer Backs (2) .....	541 x 134 x 12
AA Large Drawer Sides (4) .....	574 x 134 x 12
BB X-Large Drawer Fronts (2) .....	541 x 156 x 19
CC X-Large Drawer Backs (2) .....	541 x 156 x 12
DD X-Large Drawer Sides (4) .....	574 x 134 x 12
EE Guide Strips (16) .....	592 x 19 x 3
FF Drawer Stops (16) .....	50 x 19 x 19

GG Small Shelf (1) .....	543 x 320 x 19mm Ply.
HH Large Shelf (1) .....	543 x 592 x 19mm Ply.
II Shelf Edging(2) .....	543 x 19 x 19
JJ Door Stiles (4) .....	600 x 60 x 19
KK Door Rails (4) .....	162 x 60 x 19
LL Door Panels (2) .....	490 x 160 x 6

### BENCHTOP

MMBenchtop (1) .....	2350 x 685 x 25
NN Splines .....	12m x25 x 6mm Masonite
OOBack Apron (1) .....	2353 x 116 x 41
PP Front Apron (1) .....	2394 x 116 x 41
QQLeft End Apron (1) .....	828 x 116 x 41
RR Right End Apron (1) .....	720 x 116 x 41
SS Support Beam (1) .....	2353 x 91 x 41
TT Cross Supports (2) .....	685 x 91 x 41
UU Mounting Cleat (2) .....	550 x 141 x 19
VV Filler Strip (1) .....	1959 x 116 x 67
WW Assembly Spline (1) .....	1959 x 25 x 16
XX Bench Dog Strip (1) .....	2000 x 116 x 41

### TAIL & FACE VICES

YY Tail Vice Top (1) .....	510 x 67 x 31
ZZ Tail Vice Bottom (1) .....	510 x 67 x 17
AAA Front Filler (1) .....	50 x 67 x 33
BBB Back Filler (1) .....	75 x 67 x 66
CCC Tail Vice Strip (1) .....	520 x 116 x 41
DDD Pinch Block (1) .....	75 x 116 x 41
EEE Collar Support Block (1) .....	400 x 67 x 41
FFF Face Vice Block (1) .....	400 x 183 x 82

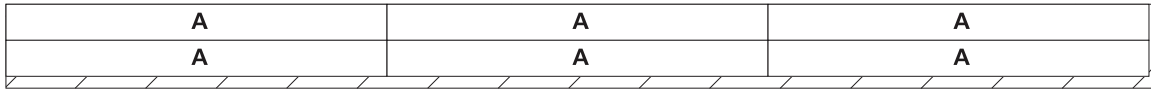
The cutting list above is based on standard milled sizes from Chadwick's Timber (<http://www.chadwickstimmer.com.au>) Scroll down to the School Project icon in the left menu and you will find a very informative list of nominal and finished sizes for available timbers (if you decide to make the bench top in an Australian hardwood it would be best to design a more robust top around milled stair tread sizes of 240 x 41)

Harpers Timbers have recently purchased Chadwick's (<http://www.harpertimber.com.au>).

Where ever you live in this vast continent of ours you will find that the sizes listed above should be available from larger timber yards. Ask your timber merchant about local species as substitutes for imported timbers.

## BASE FRAME

2400 x 180 x 41 DOUGLAS FIR



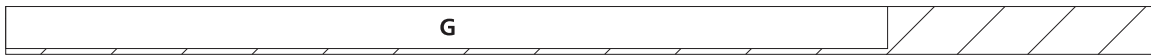
2400 x 180 x 41 DOUGLAS FIR



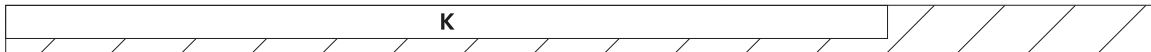
2400 x 150 x 41 DOUGLAS FIR ( TWO BOARDS )



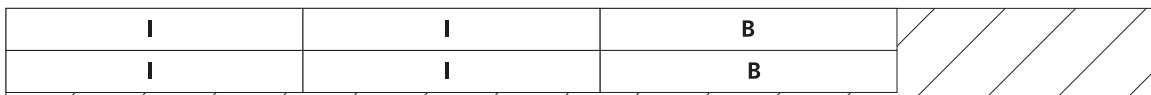
2400 x 100 x 41 DOUGLAS FIR



2400 x 100 x 41 DOUGLAS FIR

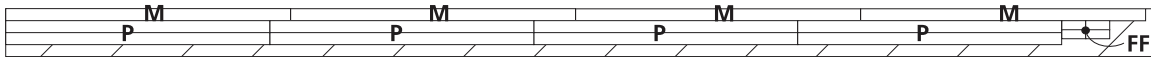


2400 x 190 x 41 DOUGLAS FIR



## DRAWER CASES

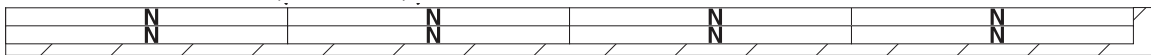
2400 x 100 x 19 DOUGLAS FIR



2400 x 150 x 19 DOUGLAS FIR ( TWO BOARDS )

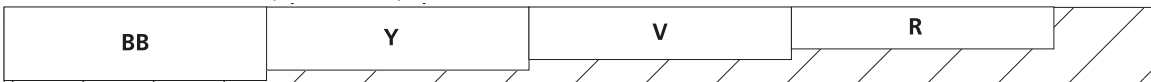


2400 x 100 x 25 DOUGLAS FIR ( TWO BOARDS )



## DRAWERS

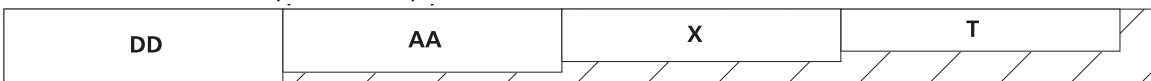
2400 x 165 x 19 DOUGLAS FIR ( TWO BOARDS )



2400 x 165 x 12 DOUGLAS FIR ( TWO BOARDS )

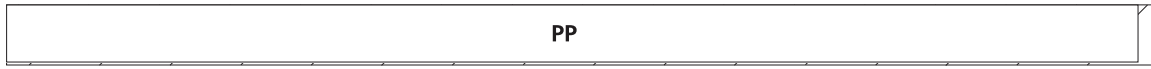


2400 x 165 x 12 DOUGLAS FIR ( FOUR BOARDS )



**TOP**

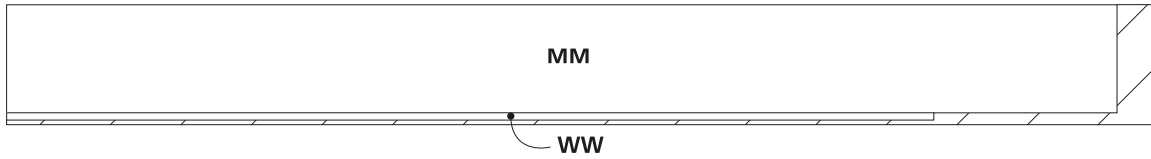
2400 x 125 x 41 DOUGLAS FIR



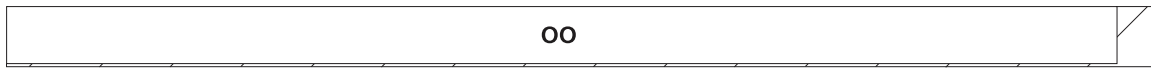
2400 x 125 x 41 DOUGLAS FIR



2400 x 250 x 25 DOUGLAS FIR ( THREE BOARDS )



2400 x 125 x 41 DOUGLAS FIR



2400 x 125 x 41 DOUGLAS FIR



2400 x 140 x 19 DOUGLAS FIR



2400 x 125 x 41 DOUGLAS FIR



2400 x 125 x 19 DOUGLAS FIR



2400 x 125 x 41 DOUGLAS FIR

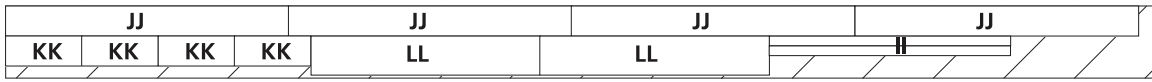


2400 x 165 x 41 DOUGLAS FIR ( TWO BOARDS )



## DOORS

2400 x 150 x 19 DOUGLAS FIR

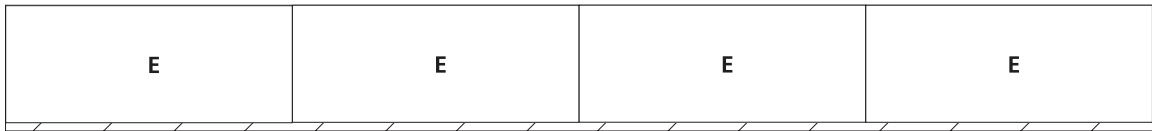


## PANELS

2400 x 180 x 19 DOUGLAS FIR



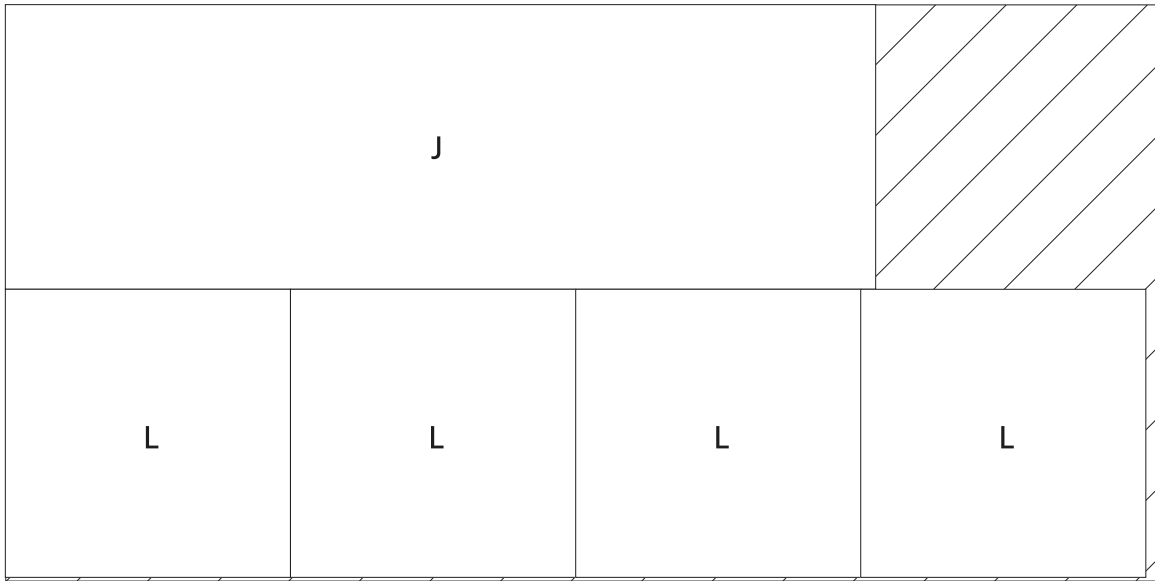
2400 x 270 x 19 DOUGLAS FIR



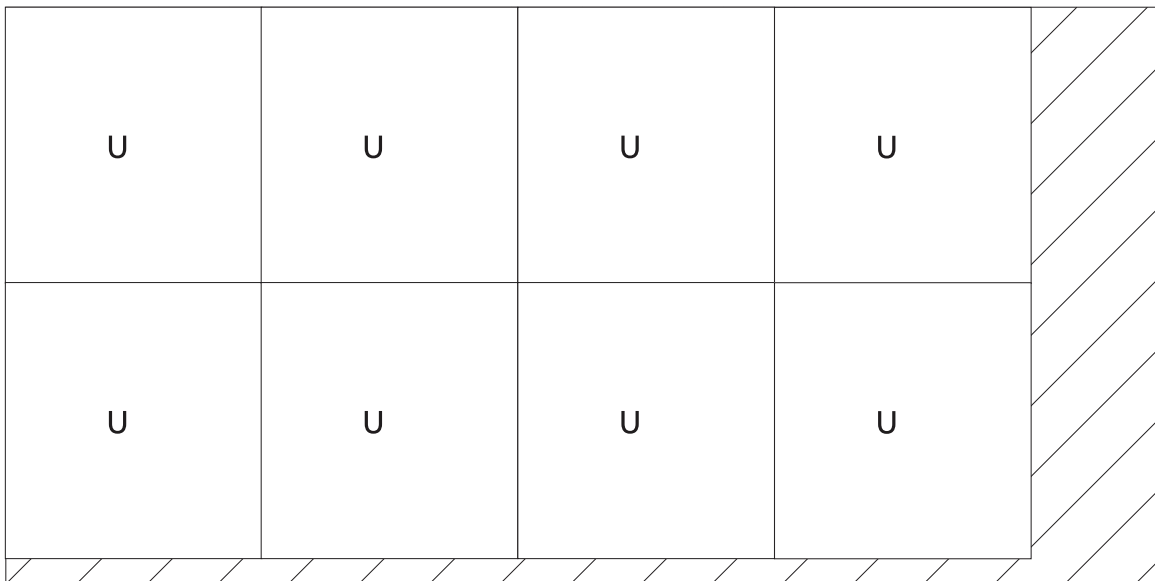
2400 x 215 x 19 DOUGLAS FIR ( TWO BOARDS)



24000 x 1200 x 19mm DOUGLAS FIR PLYWOOD



24000 x 1200 x 6mm DOUGLAS FIR PLYWOOD



24000 x 1200 x 19mm DOUGLAS FIR PLYWOOD

