Easy Wood Plans

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OVER

Directions

1) Lay out your material on the workbench, or on sawhorses, as outlined in the suggested material layout (Fig 1). Draw out all parts exactly as illustrated in cutting diagram (Fig 2), including the letter designations, in pencil. Ensure to leave a small space between cut lines to allow for the width of the saw. Before cutting, double check all measurements to ensure they are correct. Always cut on the waste side of the line. Cut off pieces L, F and M, leaving the rest of the 1x4's in one piece. Cut the rabbet joint (Fig 3) the entire length of the boards before cutting the pieces apart (for A, B, C, D and E. Use a tablesaw to cut the pieces 2 5/8" wide, then use either a tablesaw or router to cut the rabbet. Cut the miters for these pieces as shown (Fig 4 and 5) using a miter box or miter saw. The long side measurements are given.

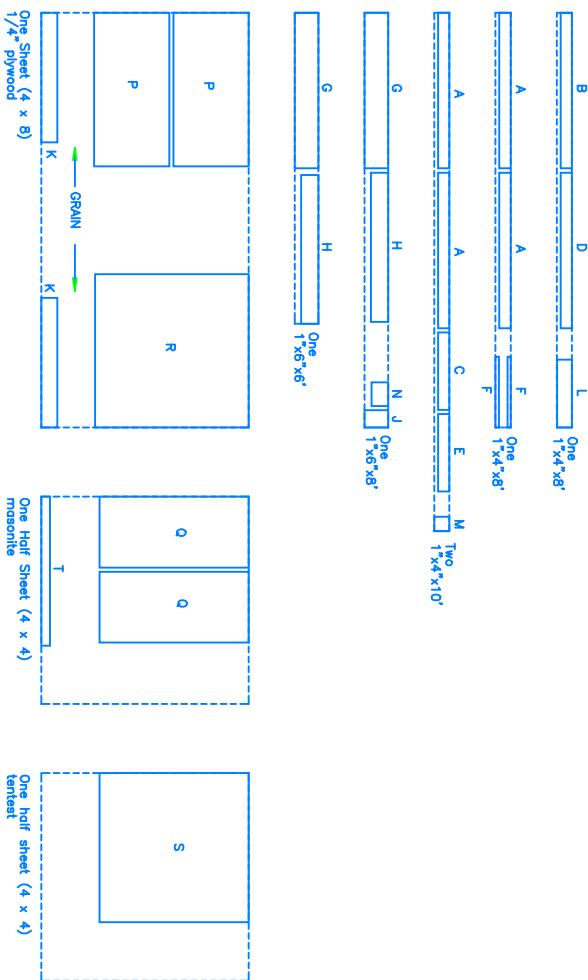**NOTE:** Read all directions before beginning
Carpenters Glue should be used to reinforce all joints
Set all nails and countersink screws
Dimensions in brackets denote millimeters

NOTE:
You may wish to substitute the tentest or homosote with a section of carpet. If you select to do this, we suggest that you use a low pile carpet such as indoor/outdoor or commercial carpet. The low pile will allow you to install the dart board on top of the carpet without any unnecessary complications, whereas a high pile may interfere with the installation of the board due to the thickness and softness of the carpet.
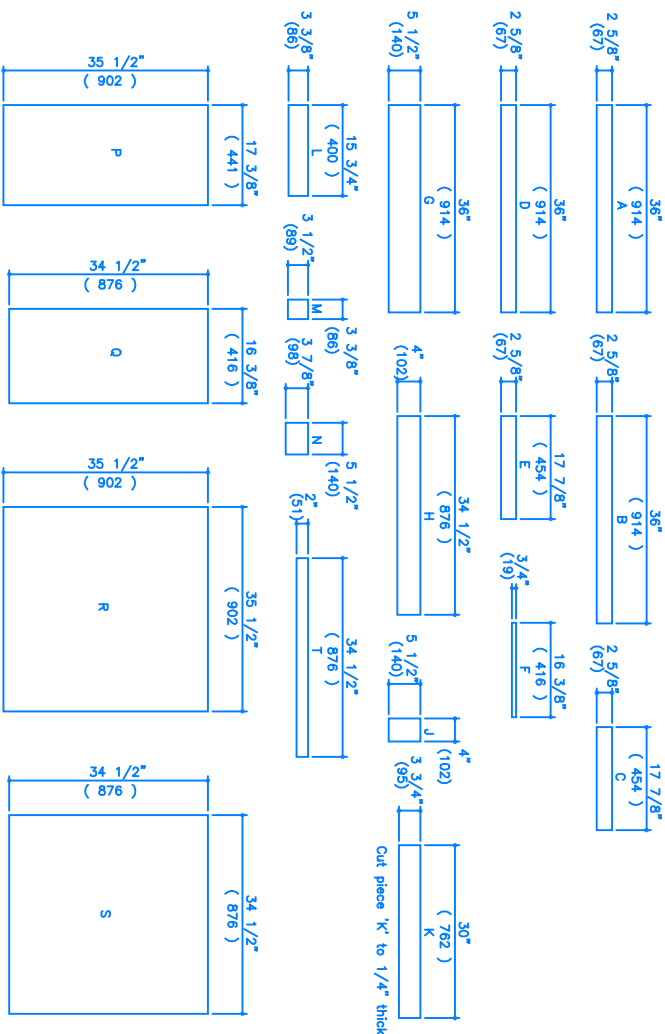

Detail of rabbet for
pieces A,B,C,D & E

1/4" (6)
1/2" (13)

FIGURE 3

45°

Cut for pieces
A,B,C,D & E

FIGURE 4

45°

1/2"(13)

Cut for pieces
A,B,C,D & E

FIGURE 5

DART BOARD CABINET — Project #512

One Sheet (4 x 8)
1/4" plywood

P

P

G

G

H

H

K

← GRAIN →

K

R

One
1"x6"x6'

One Half Sheet (4 x 4)
masonite

Q

Q

T

S

One half sheet (4 x 4)
tentest

One
1"x6"x6'

B

D

L

One
1"x4"x8'

A

A

A

A

C

F

F

E

N

J

M

Two
1"x4"x10'

One
1"x4"x8'

MATERIALS LAYOUT
FIGURE 1

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2 5/8"
(67)

36"
(914)
A

2 5/8"
(67)

36"
(914)
D

5 1/2"
(140)

36"
(914)
G

3 3/8"
(86)

15 3/4"
(400)
L

2 5/8"
(67)

17 7/8"
(454)
E

2 5/8"
(67)

36"
(914)
B

4"
(102)

34 1/2"
(876)
H

3/4"
(19)

5 1/2"
(140)

2"
(51)

3 1/2"
(89)
M

3 3/8"
(86)
N

3 7/8"
(98)

16 3/8"
(416)
F

34 1/2"
(876)
T

2 5/8"
(67)

17 7/8"
(454)
C

4"
(102)
J

3 3/4"
(95)
K

30"
(762)
K

Cut piece "K" to 1/4" thick

MATERIALS LIST

One 4'x8'x1/4" sheet plywood G1S (ACB)
One 4'x4'x1/8" sheet masonite
One 4'x4'x1/2" sheet tentest (homosote)
One 1"x4"x10' (3/4"x3-1/2"x10')
Two 1"x4"x8' (3/4"x3-1/2"x8')
One 1"x6"x6' (3/4"x5-1/2"x6')
One 1"x6"x6' (3/4"x5-1/2"x6')

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35 1/2"
(902)
P

17 3/8"
(441)

34 1/2"
(876)
Q

16 3/8"
(416)

35 1/2"
(902)
R

35 1/2"
(902)

34 1/2"
(876)
S

34 1/2"
(876)

MATERIALS LIST

Approx. Ten 1" #8 flathead screws
Approx. Ten 3" #8 flathead screws
Approx. 1/2 lb. 1-1/4" finishing nails
Approx. 1/2 lb. 1" finishing nails
Approx. 1/2 lb. 1-1/2" finishing nails
One 6' length of 1-1/2" piano hinge & screws

MATERIALS LIST

Paint and stain, or oil
Chalkboard paint
Four wood buttons (optional)
Two spring loaded door catches
Sandpaper
Wood putty

CUTTING DIAGRAM
FIGURE 2