Adirondack Chair

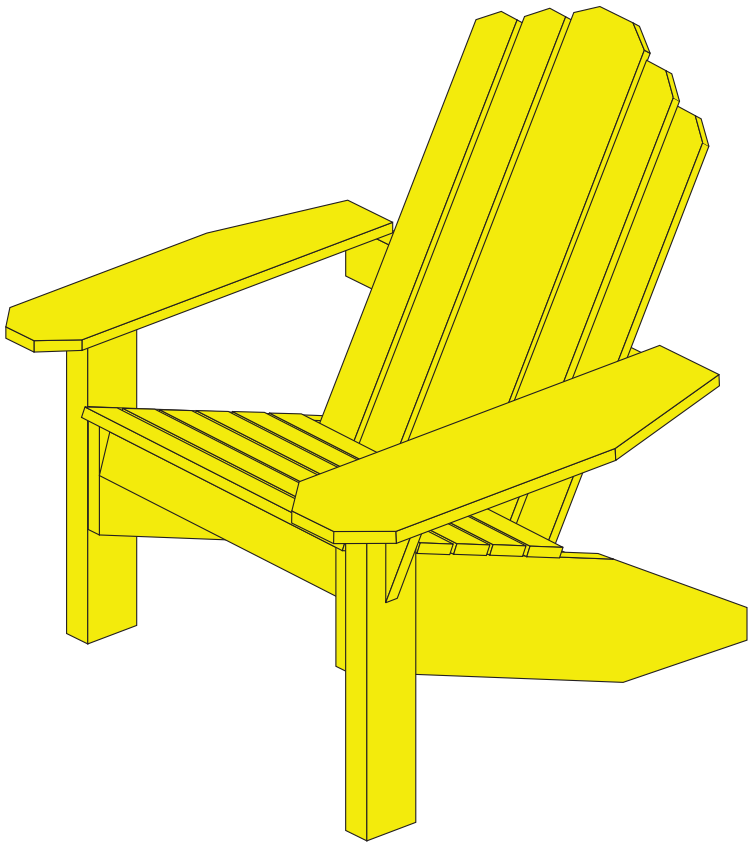
YellaWood® Pressure Treated Pine

There are many variations of the classic adirondack chair. This particular version features straightforward construction and common materials.

This chair makes for a satisfying project that can be built and finished in one weekend. And when properly finished, it will provide years of comfortable seating.

BUILD TIME

Cutting parts: 1 – 2 hours
Assembly: 1 – 2 hours
Finishing: 2 hours
Total: 4 – 6 hours



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Adirondack Chair

YellaWood® Pressure Treated Pine

TOOLS

Miter saw (or hand or circular saw)
Table saw
Jig saw (or hand or circular saw)
Drill/driver
⅛" drill bit
Clamps
Damp rag to wipe up excess glue

SUPPLIES

(4) 1 x 4 x 8'
(2) 1 x 8 x 8'
(1) 2 x 4 x 10'
1 ¼" deck screws
2" deck screws
3" deck screws
Waterproof wood glue

CUT LIST

A	(2)	¾ x 7 ¼ x 36"
B	(2)	1 ½ x 3 ½ x 21 ½"
C	(6)	¾ x 3 x 23"
D	(1)	¾ x 6 x 36"
E	(2)	¾ x 3 x 34"
F	(2)	¾ x 3 x 32"
G	(2)	¾ x 3 x 17"
H	(2)	1 ½ x 3 ½ x 21"
I	(2)	¾ x 7 ¼ x 30"
J	(1)	1 ½ x 3 ½ x 26"
K	(2)	¾ x 2 x 5"

A

X 2

B

X 2

C

X 6

D

X 1

E

X 2

F

X 2

G

X 2

H

X 2

I

X 2

J

X 1

K

X 2

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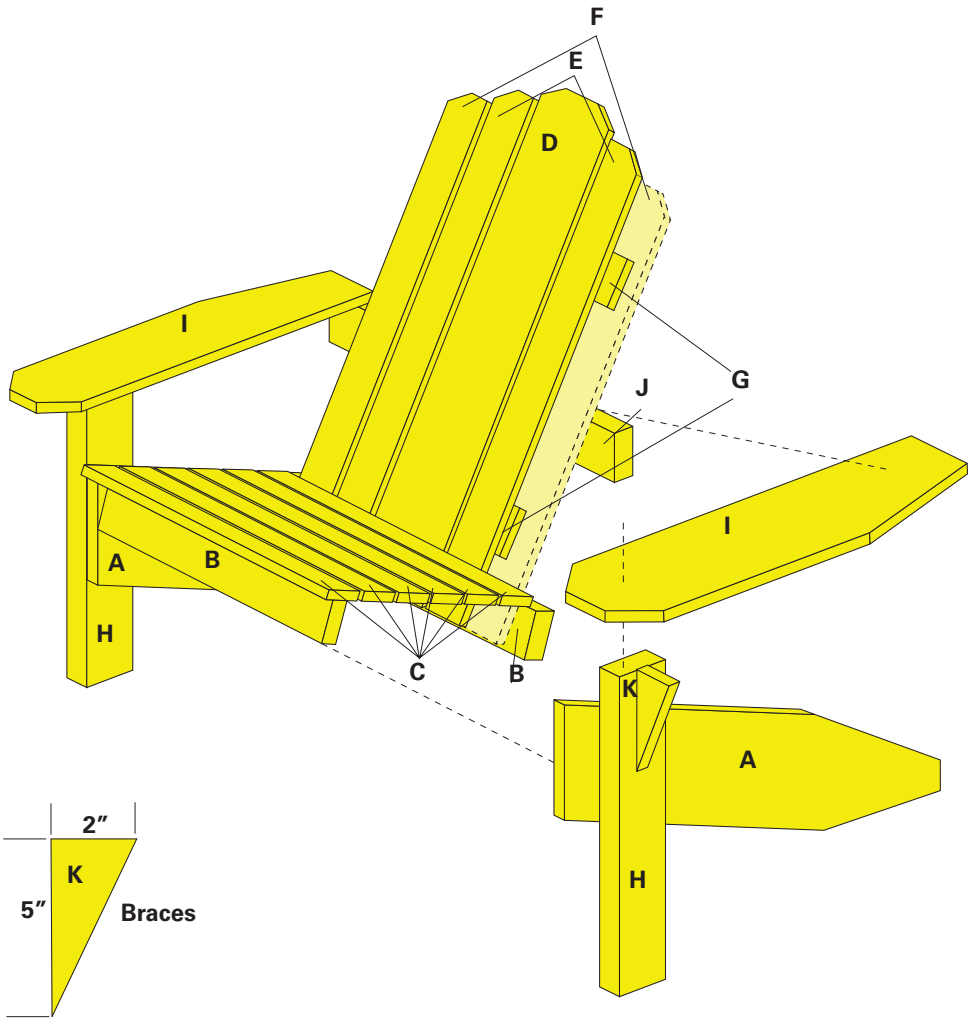

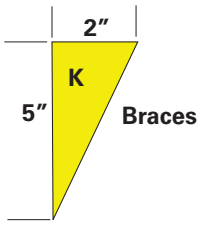

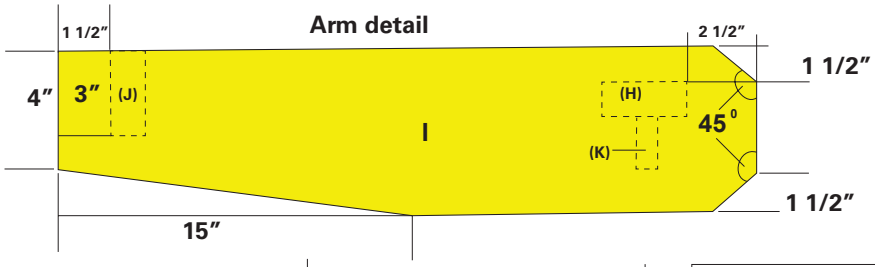

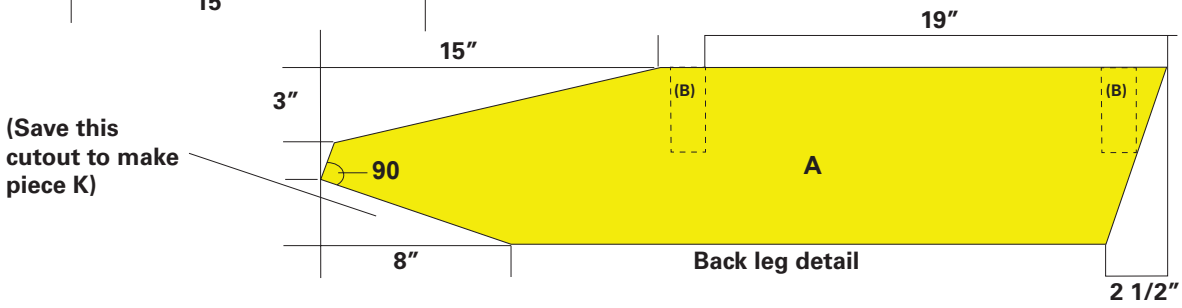

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Adirondack Chair

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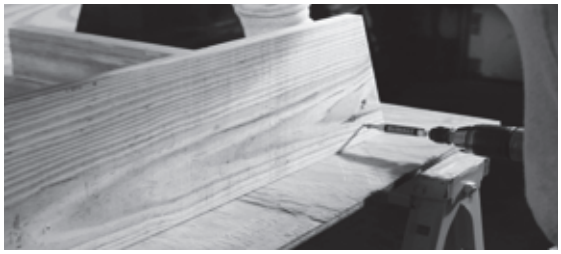
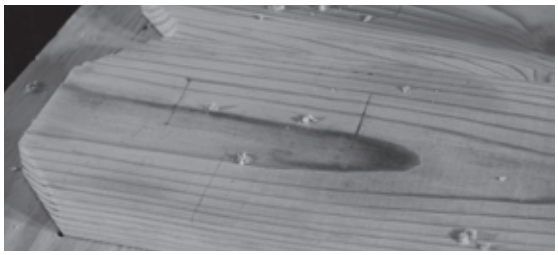
BUILDING STEPS

01 Cut the back legs (A) to length and lay out and cut the angles according to the detail drawing. Use a jig saw or circular saw and guide to make smooth, straight cuts. Note which cutout pieces you will be saving to make braces later on. Lay out where seat stretchers (B) will be attached according to detail drawing. Drill pilot holes.

02 Cut seat stretchers (B) to length and attach to back legs according to layout marks with 2" screws.



03 Cut arms (I) to length and mark where back support (J), front legs (H) and braces (K) will be attached according to detail drawing. Drill ⅛" pilot holes.



04 Clamp back support (J) in place and attach with 2" deck screws. Trim two of the cutout pieces from back legs to make braces (K) according to detail drawing, and attach them and front legs (H) to the underside of the arms where noted with 3" deck screws.

05 Measure up from the bottom of both front legs and mark 16". Clamp back leg/stretcher assembly to the front leg arm assembly, keeping the top of the back legs at the 16" mark and the front edge of the back legs flush with the front edge of the front legs. Attach with 2" deck screws.

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Adirondack Chair

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BUILDING STEPS

06 Cut all other pieces to lengths according to cut list. Lay out your back slats (D, E, & F) with the best sides facing down and ¼" spacers between each slat. Use a straightedge along the bottoms to help with alignment. Drill pilot holes in back stretchers (G) and attach to the back of the slats. Attach bottom edge of the bottom stretcher 4" up from bottom of slats, and the second stretcher 16" up from that.

07 Set back slat assembly into place, with the bottom stretcher (G) resting on the back seat stretcher (B). With 2" screws attach through the slats (D, E, & F) into the seat stretcher (B) and back support (J).

08 Drill pilot holes in seat slats (C) and lay them out on the seat with ¼" spacers between each slat. Remove one arm assembly for drill clearance and drill pilot holes into the back legs through your slat pilot holes, then attach with 2" screws. Reattach arm assembly and repeat for other side.

09 Break all edges and sand all surfaces smooth before applying waterproof finish according to manufacturer instructions.

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Adirondack Footstool

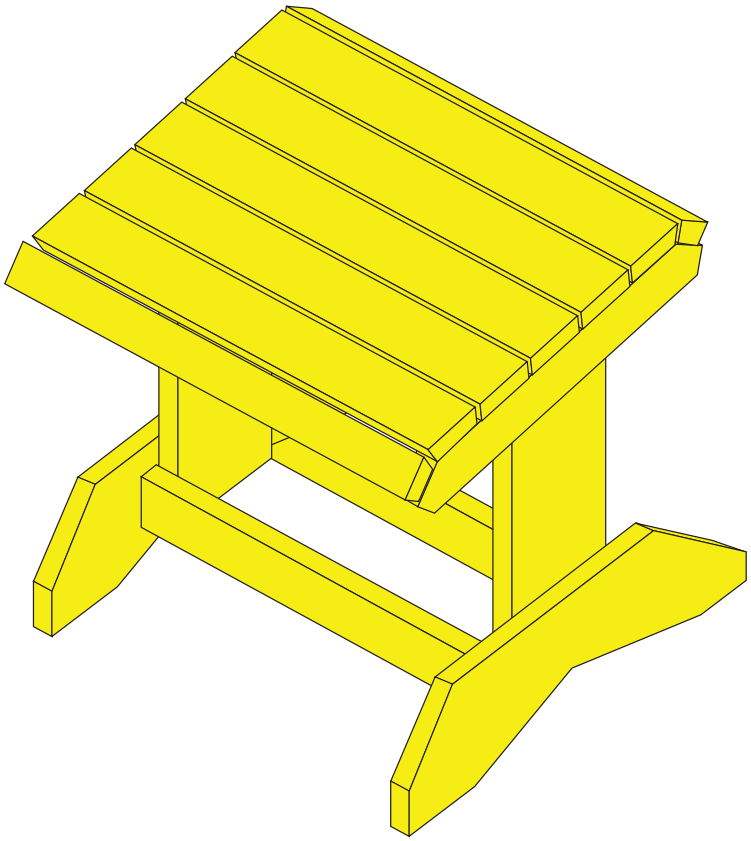
YellaWood® Pressure Treated Pine

Another piece of our Adirondack furniture suite is this stylish and easy to build footstool. With angles and lines that mimic the other two pieces, and a gentle angle on which to rest your feet, you can relax in comfort and satisfaction after building these pieces.

With the same simple joinery techniques, coated screws and waterproof glue, this piece will also last for years of enjoyment.

BUILD TIME

Cutting parts: 1 – 2 hours
Assembly: 1 hour
Finishing: 2 hours
Total: 4 – 5 hours



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Adirondack Footstool

YellaWood® Pressure Treated Pine

TOOLS

Miter saw
Table saw
Drill/driver
Jig saw
⅛" drill bit
Damp rag to wipe up excess glue

SUPPLIES

(1) 1 x 5 x 8'
(1) 1 x 4 x 8'
1 ¼" deck screws
2" deck screws
Waterproof wood glue

CUT LIST

A	(2)	¾ x 3 ½ x 15"
B	(2)	¾ x 4 ½ x 10"
C	(2)	¾ x 2 x 15"
D	(2)	¾ x 3 x 14"
E	(7)	¾ x 2 x 16 ½"
F	(4)	¾ x 2 x 16 ½"

A

X 2

B

X 2

C

X 2

D

X 2

E

X 3

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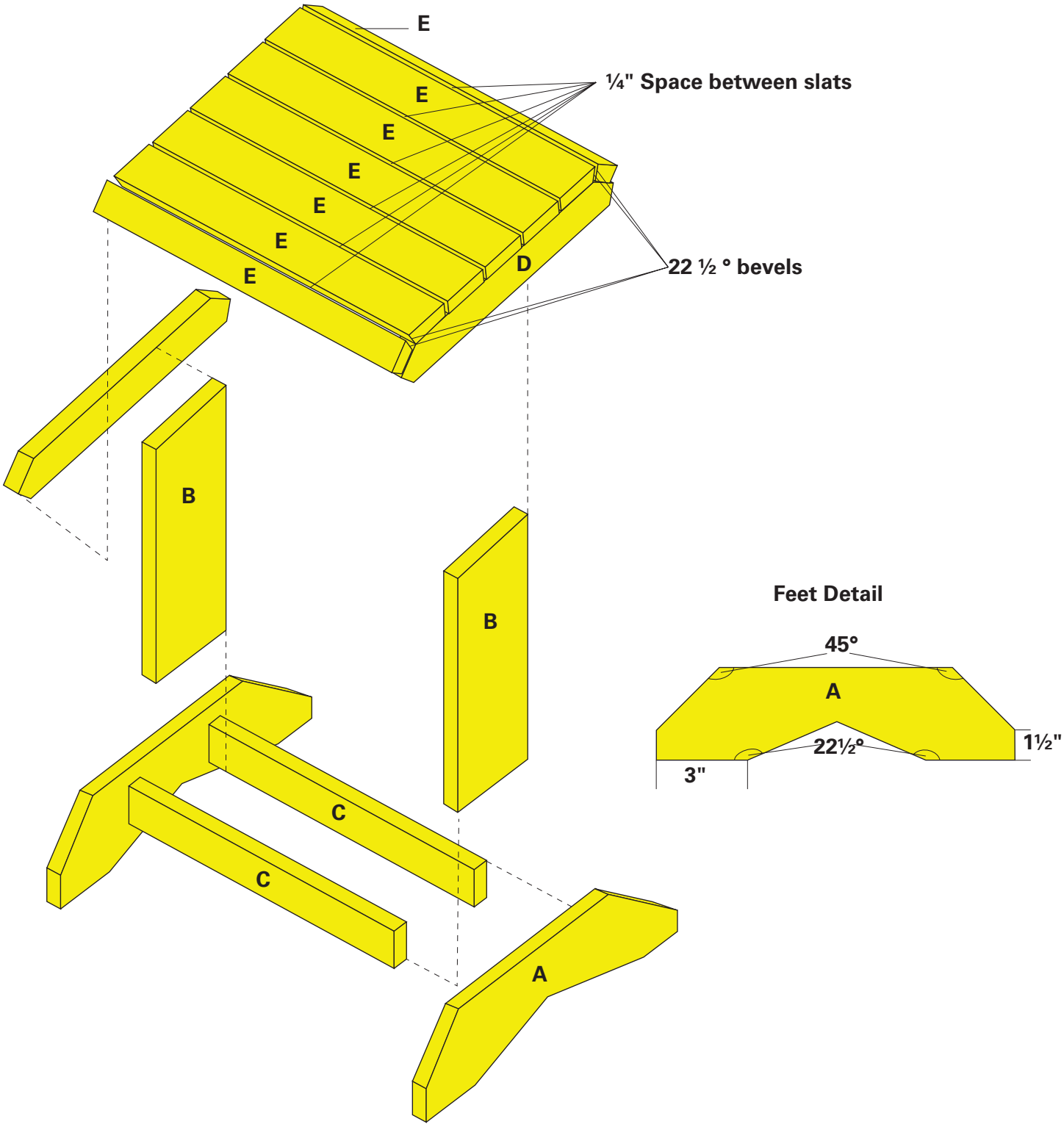
Adirondack Footstool

YellaWood® Pressure Treated Pine



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Adirondack Footstool

YellaWood® Pressure Treated Pine

BUILDING STEPS

01 Cut all pieces to length and rip all slats to width according to dimensions on cut list. Layout the feet profiles (A) according to illustration detail. You can cut the 45° angles on your miter saw using the 1 ½" mark as the beginning point for your cut. Lay out the 22 ½° angles using a speed square and cut those with a jig saw.

02 Square a line 2 ½" up from the bottom of both legs (B). Mark the center point of the bottom edge of the legs and another down the back face of the feet. Line up the 2 ½" line flush and square with the top edge of the feet and lined up with the center points. Attach with glue and 1 ¼" screws.

03 Attach stretchers (C) to the edges of the legs with glue and 1 ¼" screws. Keep the bottom edges flush.

04 When both stretchers are attached to one side, attach the other foot/leg assembly in the same manner.

05 Mark the center points along the top edges of the legs and rails (D), line up those marks and attach the rails to the legs keeping top edges flush.

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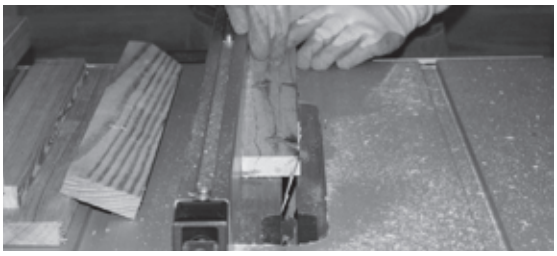
Adirondack Footstool

YellaWood® Pressure Treated Pine

BUILDING STEPS

06 Set your table saw fence to a width of 1 ½" and tilt the blade to 22 ½°. Take four slats and one by one place the bottom face against the table and rip one edge. This will leave you with a face that is still 2" wide to match the other slats, but the bottoms will follow the angles of the rails.



07 Attach beveled slats to both ends of the footstool with glue and 2" screws, keeping the unbeveled edge even with the end points of the rails. Be sure to drill through your slat pilot holes and into the rail edge to prevent splitting.

08 Lay out the rest of your slats, mating the beveled slat edges with each other and filling the middle with unbeveled slats. Put ¼" spacers between each slat. Attach with glue and 2" screws.

09 Sand all edges and surfaces smooth (the beveled edges of the two end slats will have to be sanded down to "level out" with the faces of their mating slats). Apply waterproofing finish according to manufacturer instructions.

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Adirondack Table

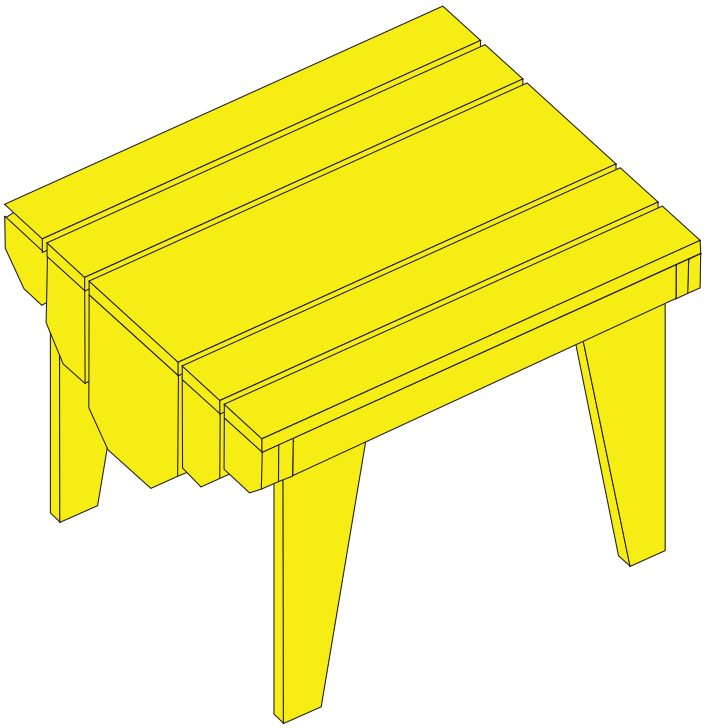
YellaWood® Pressure Treated Pine

This simple little table is easy and fun to build. With butt joints and waterproof glue, you'll spend very little time building this project compared with how long you'll be able to enjoy it.

The end pieces mimic the seat back profile of the Adirondack chair featured in another plan in this book. And when combined with the Adirondack footstool also in this book, you'll have a complete Adirondack furniture suite. Your only problem may be how many of them you'll have to build to keep your family and friends as comfortable as you will be.

BUILD TIME

Cutting parts: 1 – 2 hours
Assembly: 2 hours
Finishing: 2 hours
Total: 5 – 6 hours



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Adirondack Table

YellaWood® Pressure Treated Pine

TOOLS

Miter saw
Table saw
Drill/driver
¼" drill bit
Damp rag to wipe up excess glue

SUPPLIES

(1) 1 x 8 x 8'
(1) 1 x 6 x 8'
(1) 1 x 4 x 8'
1 ¼" deck screws
Waterproof wood glue

CUT LIST

A	(4)	¾ x 5 ½ x 17"
B	(2)	¾ x 2 ½ x 19 ¾"
C	(2)	¾ x 2 ½ x 21"
D	(1)	¾ x 6 x 24"
E	(4)	¾ x 3 x 24"
F	(2)	¾ x 6 x 7"
G	(4)	¾ x 3 x 5 ½"
H	(4)	¾ x 3 x 4"

A

X 4

B

X 2

C

X 2

D

X 1

E

X 4

F

X 2

G

X 4

H

X 4

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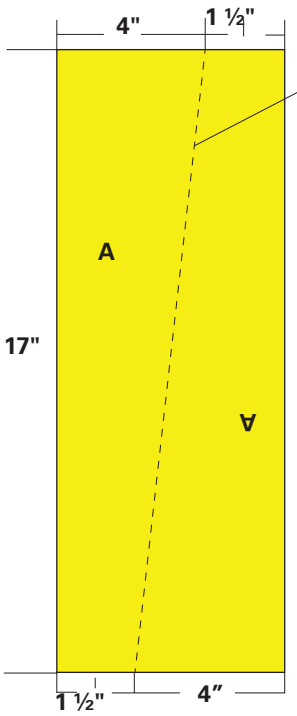
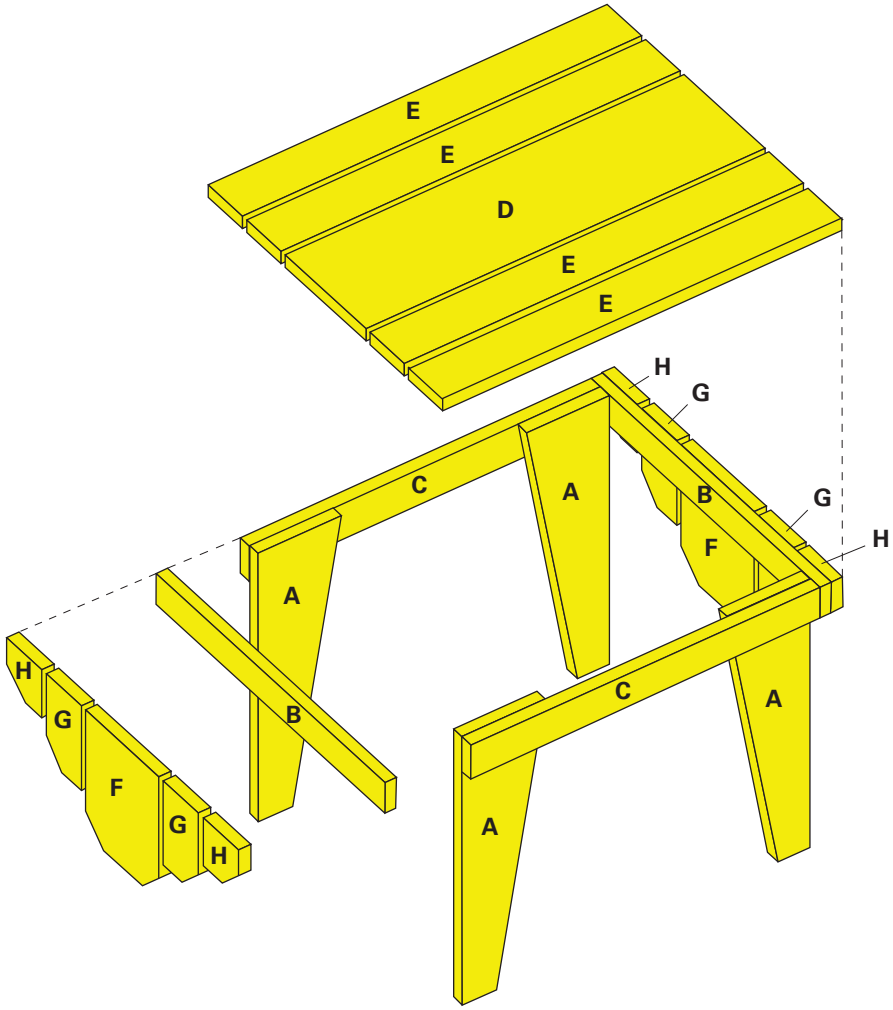
Adirondack Table

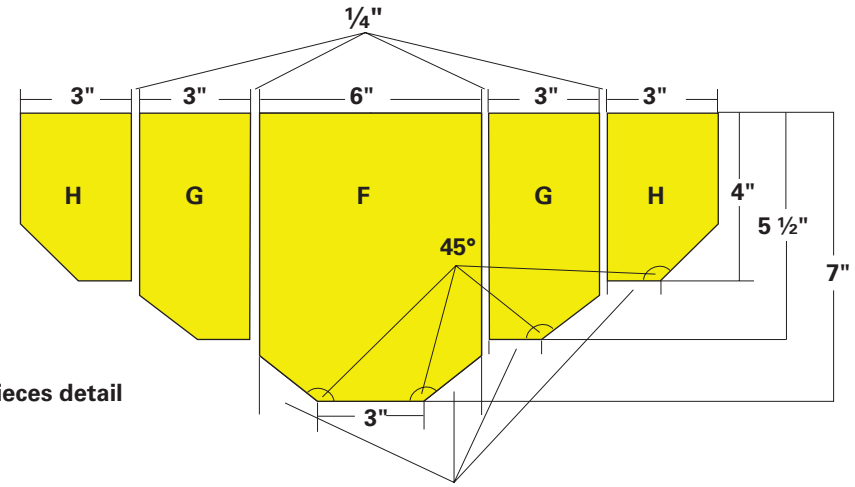
YellaWood® Pressure Treated Pine

Leg detail



Cut here to make a pair of legs from one 1 x 6; repeat for a set of four legs





End pieces detail

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Adirondack Table

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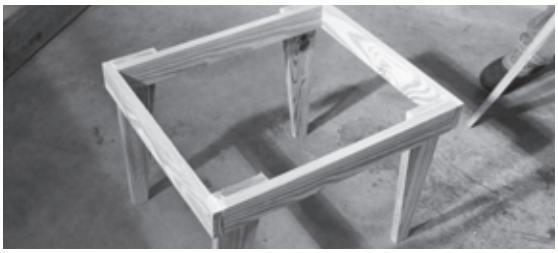
BUILDING STEPS

01 Cut two pieces of 1 x 6 to 17" and measure and mark to cut a pair of legs (A) from each piece, ending up with four legs total (see detail drawing for measurements).

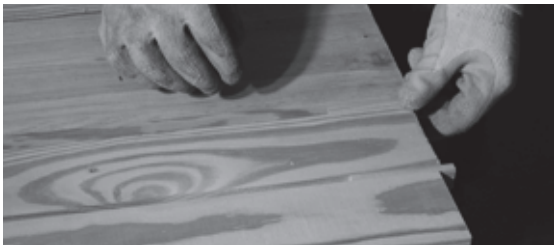
02 Cut the end (B) and side (C) rails to the dimensions on the cut list.

03 Attach the legs (A) to the side rails (C) with 1 ¼" deck screws, keeping the top and outside edges flush.

04 Attach end rails (B) to leg/rail assembly with 1 ¼" screws, again keeping tops and outside edges flush.



05 Cut the tabletop pieces (D and E) to dimensions on the cut list. They should measure 1 ½" longer than the length from one end rail to the other (leaving ¾" overhang on both ends to meet flush with end pieces). Lay them out on your table top with ¼" spacers between each slat.



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Adirondack Table

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BUILDING STEPS

06 Use a scrap piece to make sure your overhang is exactly ¾" on both ends, drill pilot holes in the top slats and attach to the end rails with glue and screws.

07 Cut the end pieces (F, G and H) according to dimensions on the cut list. Refer to illustration for layout of 45° cuts. Place them on the end rails, lining them up with the top slats and keeping the tops tight underneath the slats. Attach with glue and screws.

08 Wipe away all excess glue and drips, sand everything smooth and apply waterproofing finish.

TIP: Always drill ¼" pilot holes before driving any screws to avoid splitting the material.

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