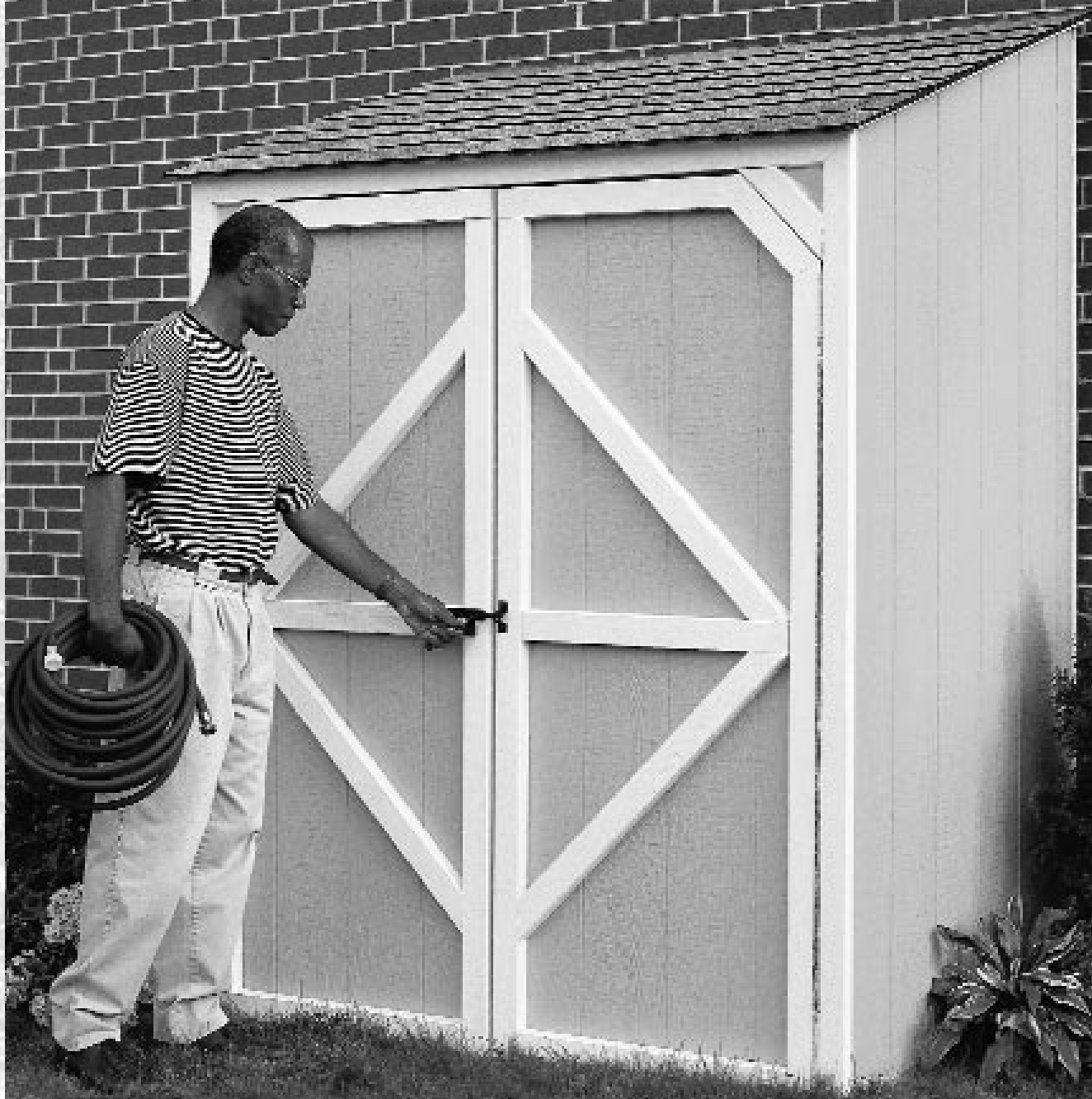



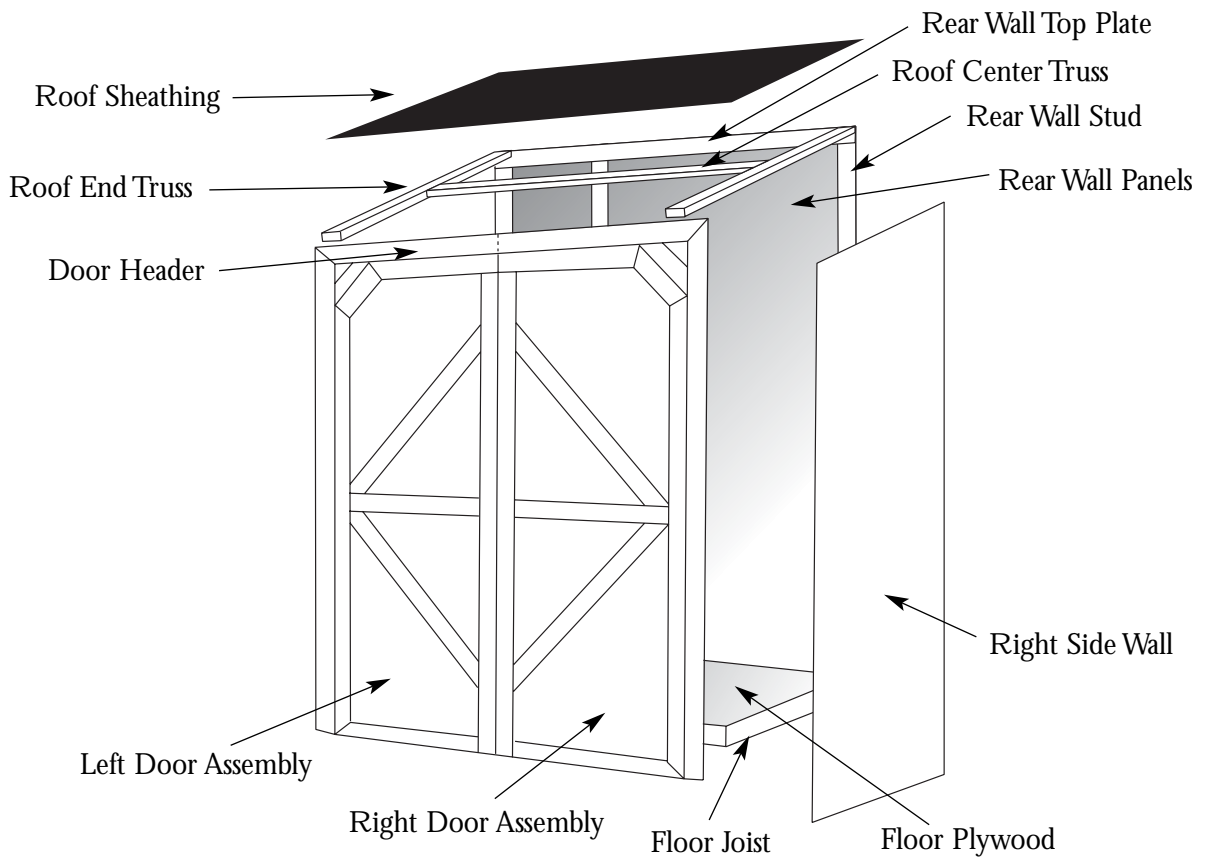
the Backyard
ORGANIZER[®]
by *Suntrellis*[®]



Acadia Building Kit

The Suntrellis 6x4 Acadia Building Kit

<i>Contents:</i>		<i>Nails/Screws:</i>
Rear Wall Studs (A)	3 Pieces	2" x 3" Blocking
Rear Wall Top Plate (B)	1 Piece	
Door Header (EH)	1 Piece	<i>Nail Size:</i>
Roof End Trusses (J)	2 Pieces	
Roof Center Truss (K)	1 Piece	1 1/4" Nails - 180
		3 1/4" Nails - 18
<i>Siding Panels:</i>		
	(I) Left Side Wall (H) Right Side Wall (X) Left Door Assembly (Y) Right Door Assembly	
Roof Sheathing (L)	1 Piece	
Rear Wall Panels (C,D)	2 Pieces	
Floor Joist (E)	3 Pieces	
Floor End Joist (F)	2 Pieces	
Floor Plywood (G)	1 Piece	



Acadia Building Kit

Before you Begin

Read the instructions before you begin assembly. Assembly is easiest if the order of the instructions is maintained.

Required Tools

- Hammer
- Carpenters Level
- Measuring Tape
- Pencil
- Minimum 6' Step Ladder
- Phillips Screwdriver



Optional Tools

- Chalk Line
- Carpenters Square
- Electric Drill with Screw Bit

Additional Requirements/information

- Some of the components and subassemblies of your building kit are heavy and require the assistance of another individual to lift, stabilize, position or fasten together. This kit is designed to be assembled by at least two individuals.
- It is recommended that you wear safety glasses, heavy work boots, and gloves throughout the assembly process.
- Always ensure that you begin with a level surface and retain all corners and perpendiculars square and all walls plumb throughout the assembly process.
- Always check double check squareness before finally securing a component. This will ensure that subsequent steps remain hassle free and that components fit properly.
- Please check municipal bylaws before constructing.

Site Preparation

STEP

1

- Site must be leveled. An improperly leveled site will result in an equally unlevel flooring system which in turn will hamper the assembly process and fit of your building kit. The use of crushed stone will allow for a gradeable surface on especially difficult sites.
- Take advantage of natural drainage, and avoid positioning building on the lowest part of your yard in order to prevent puddling and excessive moisture around your building. A moisture barrier such as plastic film or landscaping fabric may be used on the building site to discourage grass and weed growth and reduce ground moisture.

Floor System

STEP

2



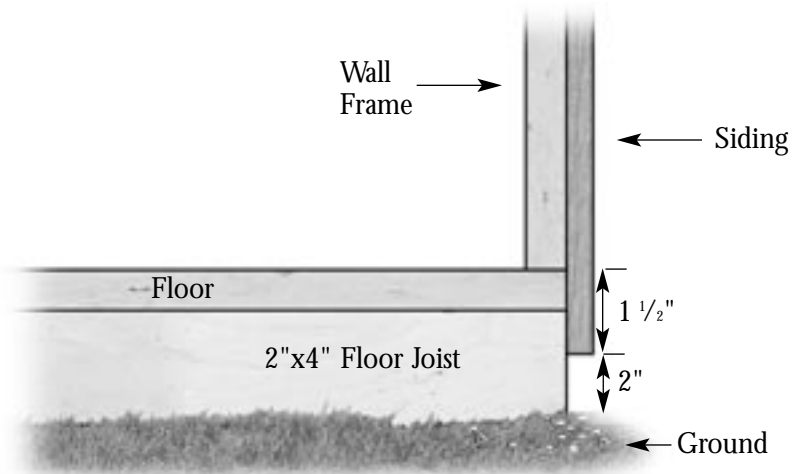
A Obtain the 5 floor frame components (3 joists (E) and 2 end-joists (F) and arrange as illustrated). Fasten with 2 - 3¹/₄" nails into each joist from the end joists.

Once fastened ensure the floor is square by measuring the opposite corners. (ie. bottom left to top right vs bottom right to top left). The measurements should be the same, otherwise push the floor from the appropriate side and re-measure until the floor is square.

Obtain the plywood flooring (G) surface and place over frame. Secure with 1¹/₄" nails on corners, being careful to ensure that floor remains square and then into each joist every 8". The floor should now be leveled.

B Your Backyard Organizer is designed such that the wall frame sits on the edge of a floor surface or a sill plate while the siding overhangs the floor edge or sill plate by an additional 1¹/₂".

Also the bottom siding edge must clear the ground by a minimum 2" such that the siding edges are not in direct contact with ground moisture.



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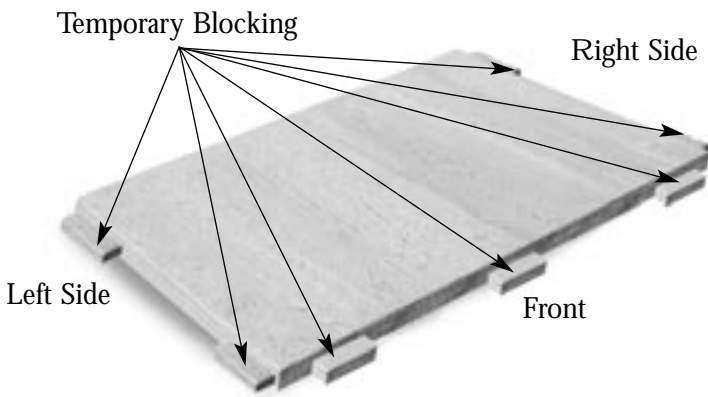
Floor System

C Ensure that the floor is positioned above and not into the ground to allow for this clearance as the building is assembled. 2" x 3" temporary blocking is included to help erect the walls. For the Acadia model, two should be fastened along each side of the floor (left and right), one towards the front and one towards the rear side of the building. There should also be 3 temporary blocks on the front.



The upper surface of the blocking must measure 1½" from the top floor surface.

Ensure floor is square and level before constructing building. (use level)



STEP

3

Front Wall Assembly

A On a solid level surface obtain the two door assemblies (X,Y) and position them with the exterior face up. Some blocking underneath may aid in the assembly. Position doors such that the door seam is a consistent gap from top to bottom. The measurement to the outside door frames at left and right should be 64⁵/₈"



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Front Wall Assembly



B Obtain the component EH and position over top of door so that it aligns at the corners.



C Nail from each side into door header. Obtain 2" x 3" temporary door braces and attach over the door seams at the top and bottom to secure doors during assembly.

Carefully turn front wall assembly end over end without lifting clear of the ground such that the inside of the doors now face up.



D Blocking may again be used to provide a solid surface. Door header installed previously may now be fastened from the back. Fasten using 2 - 1 1/4" nails every 6" through siding material into door header

STEP

4

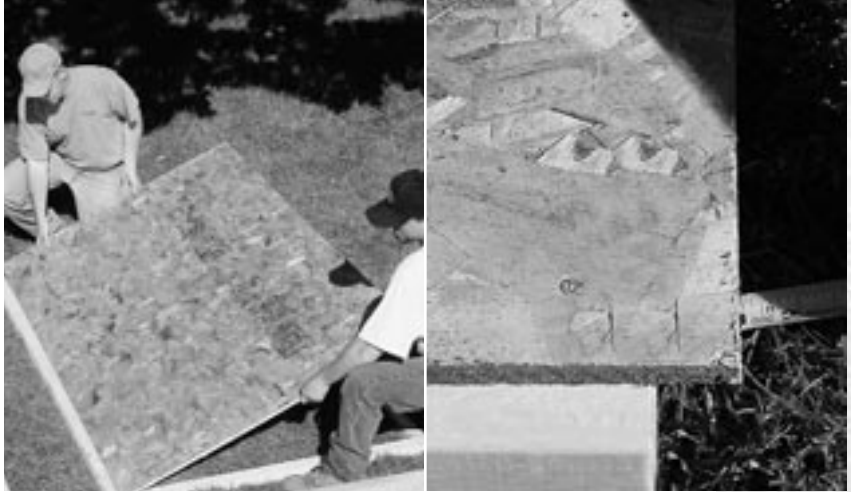
Rear Wall Assembly



A Lay out rear wall frame as illustrated, and secure each rear wall studs (A) from top plate (B) with 2 - 3 1/4" nails. A stud should be placed under each end flush with the top plate, and one should be placed 48" on center from one of the end studs.

Rear Wall Assembly

- B** Obtain the 4' piece of rear wall sheathing (C) and position it over the frame, square with the top plate. The bottom of the sheathing should overhang the studs by $1\frac{1}{2}$ ". Secure with $1\frac{1}{4}$ " nails along the top plate. The studs can now be positioned to align with sheathing edges and then fastened on lower corners through sheathing. Ensure that the center stud has $1\frac{1}{4}$ " exposed to accept the remaining rear wall sheathing.



- C** Position remaining rear wall sheathing (D) and again square first with top plate and then with wall studs. When wall is checked for squareness the sheathing can be secured using $1\frac{1}{4}$ " nails every 8" into each stud and top plate.



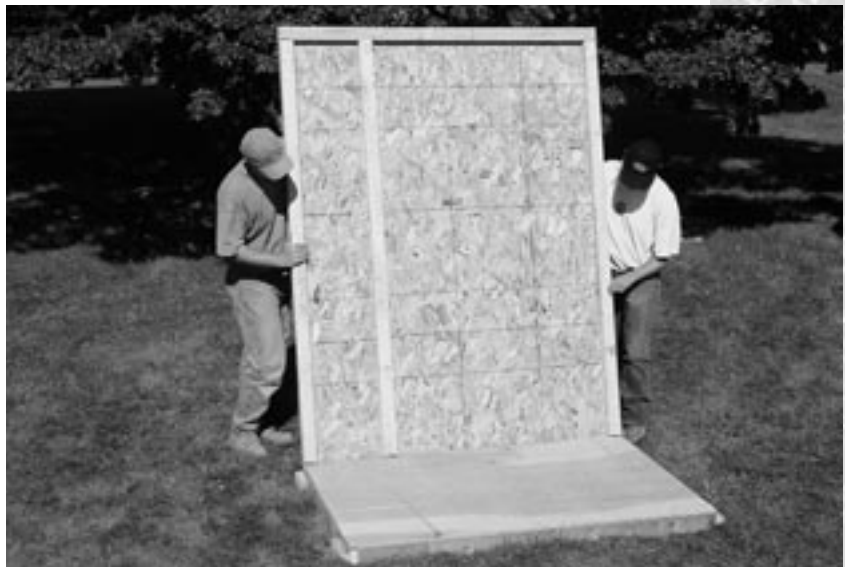
STEP

5

Installing Walls and Trusses

Rear Wall Installation

- A** With the help of an assistant, erect rear wall assembly in place such that the studs rest on the floor assembly. Ensure that wall is level and centered horizontally on floor. The siding surface should overhang floor or sill plates by $1\frac{1}{2}$ ".



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Rear Wall Installation



- B** While your assistant holds the wall, fasten wall to floor using 1 $\frac{1}{4}$ " nails at each end by nailing through siding overhang into floor. Double check alignment and then nail every 8" along bottom of siding into floor. Your assistant should continue to support the rear wall through the following step.

Side Wall Installation



- A** Obtain one of the side wall siding panels (H) and position it on top of temporary blocking attached to floor in Step 2. The higher side of the wall faces the rear, while the lower side faces the front.



- B** The siding should overlap the edge of the rear wall sheathing and overhang the front edge of the floor. Tack a nail through siding into rear wall stud at top and bottom.

Side Wall Installation

- C** The front bottom corner of the side wall should now be tacked into the floor, ensuring it is level by sitting on blocking.



- D** This should allow the rear wall to become vertically square. It should be double checked with a level. If it is not plumb, the floor or the blocking should be checked for a level surface. If required, this must be adjusted before proceeding further. Double check all alignments, ensure that the rear wall is square and level and that the siding overhang is consistent at 1½" along the bottom. The side wall panel can now be secured with nails every 8" along floor, and into rear wall stud.



Repeat for other side using a second side wall section. (I)

Remember to tack corners first, check for alignment and squareness and then fasten with 1¼" nails every 8".

Front Wall Installation

- A** Carefully lift the front wall assembly to an upright position and place on the temporary blocking installed in step 2.



Front Wall Installation



- (B)** Center the assembly and tack a nail in the top and bottom corners from the side wall into the inner frame.

Check front wall to ensure that it remains plumb and fasten along side wall into inner frame every 8" with 1 1/4" nails.

Roof Sheathing Installation

STEP

6



- (A)** Obtain the roof truss components (J, K) and arrange as illustrated. Fasten with 2 - 3/4" nails in each side. Ensure the center truss (K) is centered and square with end trusses. (J)



- (B)** Carefully working from a ladder and with help from your assistant, position roof truss assembly between the walls and flush with the top surface of the side walls. Fasten at four corners from the side wall. Ensure positioning and secure every 8" from side wall into roof truss.



- (C)** Obtain roof sheathing (L) and center on roof trusses. Sheathing should be flush with back wall and overhang front wall by 3/4" and side walls by 3/4". Once positioned, fasten at corners and then every 8" into end trusses and into center truss with 1 1/4" nails.

Acadia Building Kit

STEP

7

Hardware Installation

- (A) Remove temporary door braces installed in step 3.
- (B) Obtain vertical weather-strip and position on inside of left door, leaving approx. 1" to overlap the existing door edge. This will close the gap between the two doors when they are closed. Fasten with 1 3/4" screws every 16" (no picture available)



- (C) From the inside of barn and using screws, attach barrel bolt to inside of left door and align the loop to the horizontal surface above the door.
- (D) Again using enclosed screws, attach latch to outside of right door at the center cross brace, and align loop to the left door.

STEP

8

Installing Shingles and Paint

Your Acadia Outdoor Building now requires the finishing touches to be complete. You should require 2 bundles of shingles to complete the roof. Install as per manufacturer's instructions. It is recommended that a minimum 1/2" overhang is retained on each edge of the roof to ensure proper drainage.



Before painting, all seams in the siding and trim must be caulked for a proper seal. The siding of your building is pre-primed and is ready to accept an exterior grade oil or latex based paint. Any trim or bare wood should be treated with a primer coat before final paint is applied. Two coats of final paint should be applied. Your siding will require 1/2 to a full gallon of paint, while 1 quart should be sufficient to complete the trim.

Congratulations

Your

Backyard
ORGANIZER
by *Sunnellis*

is Now
Complete!



Acadia Building Kit

Quality Options and Accessories



Floor Kits

Available to custom fit each of The Backyard Organizer building sizes. Floor kits consist of 2" x 4" treated select SPF lumber, and 5/8" plywood flooring.

Shelf Kits

12" x 48" shelf kits attach easily to the interior of any Backyard Organizer building providing convenient additional storage solutions.

Ramp Kits

Treated ramp kits allow easy access to any Backyard Organizer building.

Shutter Kits and Flower Box Kits

Provide decorative finishing touch to any of The Backyard Organizer buildings window kits.

Windows

Fit any of The Backyard Organizer building styles (except the Acadia), windows are available in either a double hung format with a screen or as fixed decorative window. Window kits come with all necessary materials to install your window.

Packaging

Each Backyard Organizer comes pre-wrapped with a water proof polytarp cover for easy transport and storage.



Store it in Style

www.backyard-organizer.com