

EASY BARN™

SIZES: 8'x8' 8'x10' 8'x12'
10'x10' 10'x12'
12'x12' 12'x16'

STORAGE SOLUTIONS™ ASSEMBLY INSTRUCTIONS

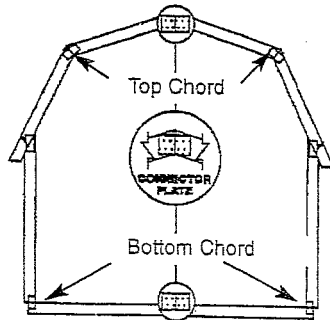
WHAT YOU'LL NEED

EASY BARN™ SIZE	8'x8'	8'x10'	10'x10'	EASY BARN™ SIZE	8'x12'	10'x12'	12'x12'	EASY BARN™ SIZE	12'x16'
LUMBER									
Easy Barn™ Frames	5 (8)	6 (8)	6 (10)	Easy Barn™ Frames	7 (8)	7 (10)	7 (12)	Easy Barn™ Frames	9 (12)
2"x4" Treated Studs	2 (8)	2 (10)	2 (10)	2"x4"x8" Framing	6	7	15	2"x4"x8" Framing/Door Frames	15
2"x4"x8" Framing	10	6	7	2"x4"x10" Door Frames	1	1	1	2"x4"x10" End Center Stud	1
2"x4"x10" Studs	0	4	3	2"x4"x12" Treated Studs	2	2	2	2"x4"x16" Treated Studs	2
2"x4"x10" Door Frames	1	1	1	2"x4"x12" Studs	4	4	4	2"x4"x16" Studs	4
2"x4"x14 Door Frames	2	2	3	2"x4"x14" Door Frames	2	3	0	4"x8"x5/8" CDX Plywood	6
4"x8"x5/8" CDX Plywood	2	3	3	4"x8"x5/8" CDX Plywood	3	4	5	4"x8"x5/8" Siding	10
2"x2"x5/8" Plywood Panel	0	0	1	4"x8"x5/8" Siding	7	8	9	4"x8"x7/16" OSB	9
4"x8"x5/8" Siding	6	7	8	4"x8"x7/16" OSB	6	6	7	1"x4" Trim	164 LF
4"x8"x7/16" OSB	4	5	5	1"x4" Trim	125 LF	140 LF	164 LF	Comp. Shingle Bundles	11
1"x4" Trim	125 LF	125 LF	140 LF	Comp. Shingle Bundles	6	7	8	NAILS	
Comp. Shingle Bundles	4	5	6	NAILS				Truss/Joist Nails	2 lbs.
OPTIONAL									
Treated 4"x4"	4 (8)	4 (10)	4 (10)	Truss/Joist Nails	1.5 lbs.	1.5 lbs.	1.5 lbs.	16d Sinkers	4.5 lbs.
1"x6" Soffit	2 (8)	2 (10)	2 (10)	16d Sinkers	3 lbs.	3 lbs.	4 lbs.	8d or 6d Sinkers	5.5 lbs.
Metal Drip Edge	5	5	5	8d or 6d Sinkers	3 lbs.	4 lbs.	4.5 lbs.	8d Galvanized Nails	6.5 lbs.
#15 Felt Paper	1 roll	1 roll	1 roll	8d Galvanized Nails	5 lbs.	5.5 lbs.	6 lbs.	1-1/4" Roofing Nails	8 lbs.
Ridge Vent	1 pc.	1 pc.	1 pc.	1-1/4" Roofing Nails	4 lbs.	4.5 lbs.	4.5 lbs.	Drywall Screws	1 lb.
Ridge Vent End Caps	2 pcs.	2 pcs.	2 pcs.	Drywall Screws	1 lb.	1 lb.	1 lb.	Door Hardware Kit	1 pkg.
Stain for Siding	2 gallons	2 gallons	2 gallons	Door Hardware Kit	1 pkg.	1 pkg.	1 pkg.	OPTIONAL	
Stain for Trim	1 qt.	1 qt.	2 qts.	OPTIONAL				Treated 4"x4"x16"	4
				Treated 4"x4"x12"	4	4	4	1"x6"x16" Soffit	2
				1"x6"x12" Soffit	2	2	2	Metal Drip Edge	7 pcs.
				Metal Drip Edge	5	6	7	#15 Felt Paper	1 roll
				#15 Felt Paper	1 roll	1 roll	1 roll	Ridge Vent	1 pc.
				Ridge Vent	1 pc.	1 pc.	1 pc.	Ridge Vent End Caps	2 pcs.
				Ridge Vent End Caps	2 pcs.	2 pcs.	2 pcs.	Stain for Siding	4 gallons
				Stain for Siding	3 gallons	3 gallons	4 gallons	Stain for Trim	1 gallon
				Stain for Trim	2 qts.	2 qts.	1 gallon		

IF YOU HAVE HALF-FRAMES, FOLLOW THIS STEP OTHERWISE, GO TO THE NEXT STEP

Lay the two halves of the frame on a flat surface and align the chords. Position the connector plates on the bottom chords of the half frames so that plates are parallel to the chords and do not extend past the chords. Hammer 8 galvanized 8d 1-1/4" to 1-1/2" long truss/joist nails* (4 left of center, 4 right of center) into every other hole of the connector plate. Position the connector plates on the top chords so that the plates do not extend past the roof line. Nail in place.

Turn the frame over and hammer 8 nails into opposing holes of each connector plate using a similar nail pattern.



Nail-On Plate Details:

To avoid splitting, nails need to be placed a minimum of 3/8" from the top and bottom edges of the chord and 1" from the end of the chord. Offset plates on opposite side of joint 1/4" with respect to each other.

*Truss/joist nails are commonly found in the nail aisle or the joist hanger and special connector aisle of your home center, lumberyard and hardware store.

FRAMING - ALL SIZES

Measure and mark the two treated 2" x 4" studs and two untreated 2" x 4"s (the same length as shed) with a pencil line at 24" intervals. (See A.)

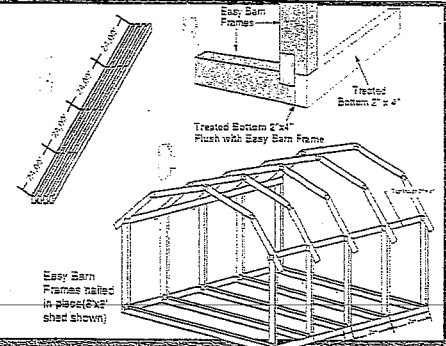
Nail a treated 2" x 4" to bottom of each side of the first frame, using two 16d sinkers per stud. Make sure the ends of the treated 2" x 4"s are flush with end of frame. (See B.)

Nail remaining frames to treated 2" x 4"s, centering each, except the last one, on the pencil marks. The last frame should be flush with the end of the 2" x 4".

(Use a level periodically to ensure frames are plumb.)

Nail the two untreated marked 2" x 4"s to top of walls on the interior sides of the frames for bracing. Make sure spacing of frames is the same at top as at bottom. (Use a level periodically to ensure frames are plumb.) (See C.)

When all frames are nailed, measure diagonal distances between bottom corners of shed. Adjust the frame until both distances are equal.



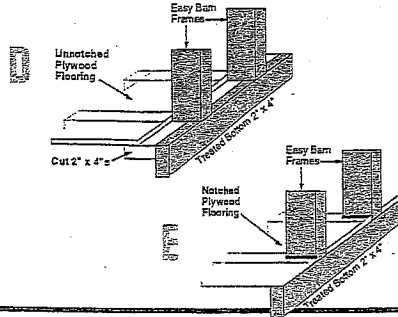
EASY BARN™

STOR

FLOORING — 2 METHODS

UNNOTCHED

Measure the space between each frame and cut 2" x 4"s to fit spaces. Nail the pieces in place, flush with the top edge of the bottom 2" x 4"s. (See E.) Lay 4' x 8' sheets of plywood flush against inside of barn frame, making sure the seams meet on the bottom chord of an Easy Barn frames. Nail in place using 8d sinker nails. (To extend flooring to walls, cut excess plywood to fit the uncovered spaces between the frames and nail in place.)



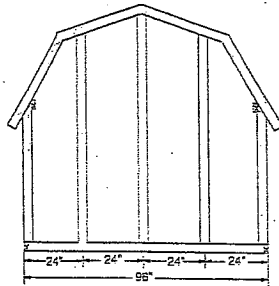
NOTCHED

Lay 4' x 8' sheets of plywood flush against inside of barn frame. Carefully measure and mark the location and size of frame studs on the plywood. Remove flooring and carefully cut notches into the flooring to correspond with the frame studs. Lay the pre-notched piece of flooring in place, engaging the frame studs. (See D.) Nail flooring to bottom 2" x 4"s with 8d sinker nails.

END AND FRONT WALL FRAMING AND SIDING — F

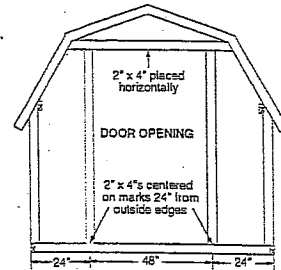
8' WIDE

Measure and mark the flooring at 24" intervals from the outside edges of the end wall frame. Center a 2" x 4" on each mark and trace the angles where they meet the top of the frame. Cut each 2" x 4" at those angles and toenail in place using 8d sinkers.



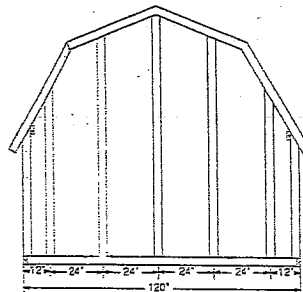
Position a 2" x 4" horizontally as shown to the right. Trace the angles where it meets frame. Cut along these angles. Toenail using 8d sinkers. Then measure and mark flooring at 24" intervals from outside edges of frame.

Center a 2" x 4" on each mark as shown. Cut them to fit and toenail in place.



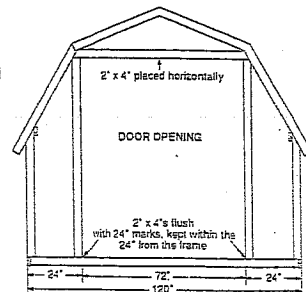
10' WIDE

Mark center of the end wall frame. Then measure and mark flooring at 24" intervals from center mark. Center a 2" x 4" on each mark and trace the angles where they meet the top of the frame. Cut each 2" x 4" at those angles and toenail in place using 8d sinkers.



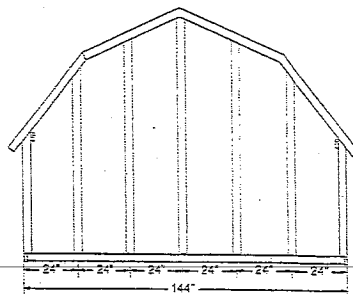
Position a 2" x 4" horizontally as shown to the right. Trace the angles where it meets frame. Cut along those angles. Toenail using 8d sinkers. Then measure and mark flooring at 24" intervals from outside edges of frame.

Place a 2" x 4" flush with each of the marks, keeping the 2" x 4"s within the 24" from the frame, as shown. Cut to fit and toenail in place using 8d sinkers.



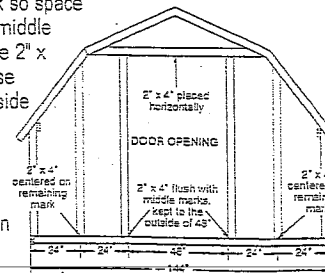
12' WIDE

Measure and mark the flooring at 24" intervals from the outside edges of the end wall frame. Center a 2" x 4" on each mark and trace the angles where they meet the top of the frame. Cut each 2" x 4" at those angles and toenail in place using 8d sinkers.



Position a 2" x 4" horizontally as shown to the right. Trace the angles where it meets frame. Cut along those angles. Toenail using 8d sinkers. Then measure and mark flooring at 24" intervals from outside edges of frame.

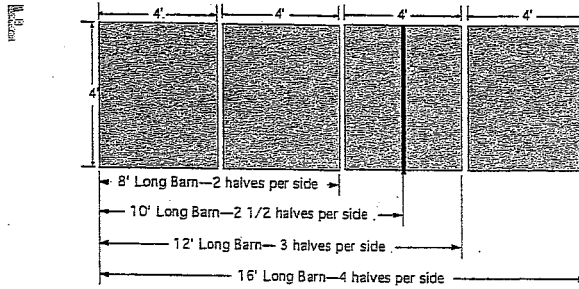
Erase center mark so space between the two middle marks is 48". Place 2" x 4"s flush with those marks, to the outside of the 48", as shown. Cut to fit. Toenail using 8d sinkers. Center 2" x 4"s on remaining marks. Trace angles, cut and toenail.



GE SOLUTIONS™

SIDING - ALL SIZES

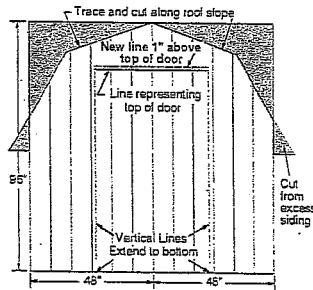
Cut a 4' x 8' sheet of siding into two halves, each 4' x 4'. Nail in place on sides of barn, using either 6d or 8d galvanized nails. (See F.) Repeat until both sides of barn are covered.



Roofing, and
Finishing on back

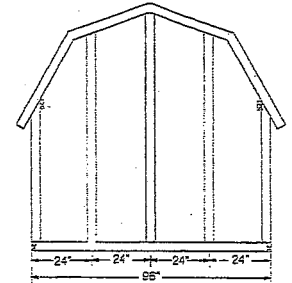
LOW INSTRUCTIONS FOR YOUR FULL FRAME WIDTH

Tack two 4' x 8' sheets of siding to front wall and trace roof slope. Then trace inside of door opening onto back of siding. Untack siding and draw a line 1" above the line traced on top of door opening. Cut siding pieces for door using this new line and the traced vertical lines. Cut the siding for front wall along the lines traced for the roof slope. Nail in place using 8d galvanized nails.

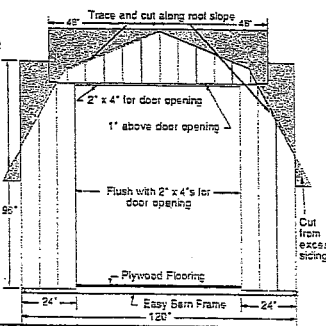


Using excess siding, trace and cut siding to cover exposed areas of front wall frame. Nail in place.

Tack two 4' x 8' sheets of siding to end wall framing and trace roof slope. Untack siding and cut along lines representing roof slope. See illustration. Nail in place using 8d galvanized nails.

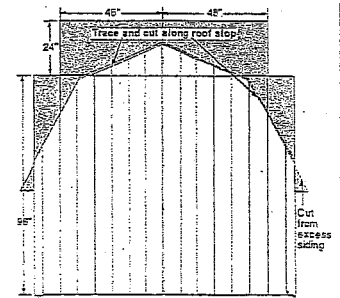


Cut a 4' x 8' sheet of siding in half lengthwise. Tack a piece to each side of front wall framing as shown. Trace roof slope. Untack and cut siding along traced lines. Nail in place using 8d galvanized nails. Tack pieces of siding to top of the front wall, 1" above door opening, as shown. Trace roof slope. Untack. Cut siding along traced lines. Nail in place using 8d galvanized nails.

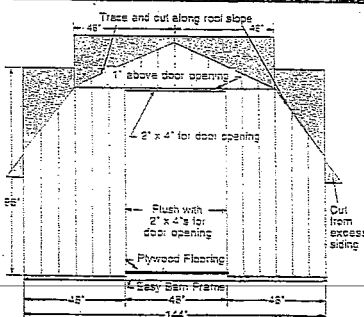


Using excess siding, trace and cut siding to cover exposed areas of front wall frame. Nail in place.

Tack 4' x 8' sheets of siding to center studs of end wall. Measure the uncovered distance from siding sheets to outside edges of frame and cut siding pieces to fit. Trace roof slope. Untack siding and cut along roof slope. Nail in place using 8d galvanized nails.

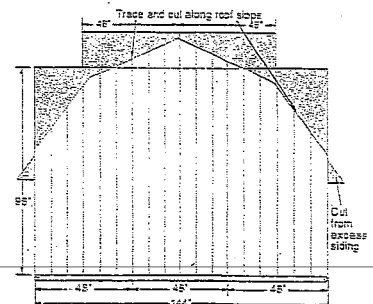


Tack a 4' x 8' sheet of siding to each side of front wall framing as shown. Trace roof slope. Untack and cut siding along traced lines. Nail in place using 8d galvanized nails. Tack siding pieces to top of front wall, 1" above door opening, as shown. Trace roof slope. Untack and cut along traced lines. Nail in place using 8d galvanized nails.



Using excess siding, trace and cut siding to cover exposed areas of front wall frame. Nail in place.

Tack three 4' x 8' sheets of siding to end wall framing. Tack pieces of siding to the top of the end wall as shown in illustration. Trace roof slope. Untack siding and cut along lines representing roof slope. Nail in place using 8d galvanized nails.

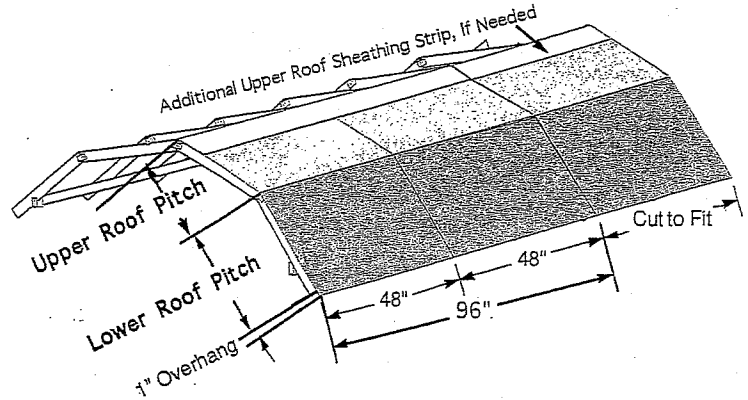


EASY BARN™

ROOFING — ALL SIZES

Measure the lower pitch of the roof. Add 1" for an overhang. See illustration. Cut 4' x 8' sheets of OSB to fit and nail in place using 8d sinkers. (For 8' wide frames, OSB will be cut lengthwise, along the 8' axis. For 10' and 12' wide frames, OSB will be cut crosswise along the 4' axis.)

Measure the upper pitch of the roof. See illustration. Cut 4' x 8' sheets of OSB to fit. (For 8' wide frames, OSB will be cut lengthwise, along the 8' axis. For 10' and 12' wide frames, OSB will be cut crosswise along the 4' axis.) Nail in place using 8d sinkers. Cut additional strips of OSB to fit any uncovered part of the upper roof. Nail in place.



FINISHING — ALL SIZES

Measure the opening for the door. This measurement minus 1/2" equals the total combined width of the doors. Cut 2" x 4" framing for doors as shown.

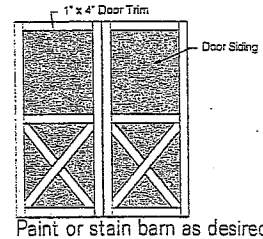
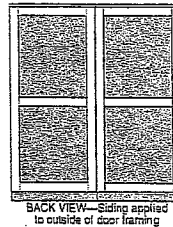
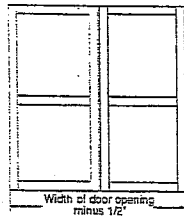
Cut siding pieces for the doors the same width as the door frames and 4-1/2" longer. (For 8' wide frames, use the siding pieces cut from the front wall siding.) Apply to the outside of the door frames with 1" overhanging the top, 3-1/2" overhanging the bottom, and the sides flush, as shown. Nail in place with 8d galvanized nails or 1-5/8" weather-resistant screws.

Apply 1" x 4" trim to door as desired. See illustration for example.

Attach hinges to doors, 12" from top and 12" from bottom of doors. Attach hasp at center of doors.

Apply 1" x 4" trim to shed corners, sides, and roof eaves as desired.

Apply shingles, following the shingle manufacturer's specifications.



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