

Congratulations on your choice of a Real Good Toys product. Your kit has been precision made with meticulous care by our craftspeople using carefully selected materials. This kit will last for years, even generations, if heirloom care and attention is given during assembly. Take your time and read the instructions completely. If you have questions, ask the experts at your local Dollhouse Store or at info@realgoodtoys.com

Parts List:

- 1 UE3671 Base Floor: (3/8) 20³/₈ x 11¹/₂
- 1 UE3672 Loft Floor: (3/8) 21³/₁₆ x 11³/₈, Cutout
- 2 E3673 Base Endwall: (3/8) 11³/₈ x 10, Windows, Grooved
- 2 E3674 Loft Endwall: (3/8) 12 x 8¹/₄, Window, Grooved
- 1 E3675 Front: (3/8) 20⁷/₈ x 10, Door, Grooved
- 1 E3676 Lower Front Roof: (1/4) 22¹/₂ x 7⁷/₈, Beveled
- 1 E3677 Upper Front Roof: (1/4) 22¹/₂ x 4³/₈, Beveled
- 1 E3678 Rear Roof: (1/4) 22¹/₂ x 11²/₂, Beveled
- 2 E3679 Upper Eave: (1/4) 2 x 2³/₄
- 2 E3680 Lower Eave: (1/4) 2 x 7⁷/₈, Beveled
- 2 E3681 Big Door: (1/4) 7 x 4¹/₄, Dados
- 4 E3682 Loft Door: (1/4) 3¹/₄ x 1¹/₂, Dados
- 1 E3683 Door Fill: (3/8) 8 x 1⁴/₄
- 4 E3684 End Post (1/2 x 1/2 grooved): 2³/₈
- 1 E3685 90° Post: (1/2 x 1/2 grooved): 2³/₈
- 1 E3686 180° Post: (1/2 x 1/2 grooved): 2³/₈
- 7 E3687 1/4 Stripwood: 2³/₈
- 14 E3688 7/16 Stripwood: 2³/₈
- 4 E3689 3/4 Stripwood: 2³/₈
- 2 E3690 Door Track (5/16 x 1/4): 16¹/₂, Groove
- 1 E3691 Shingles (540)
- 1 E3692A Assembled Ladder: 11¹/₂
- 1 E3694A Assembled Loft Rail: 14¹/₄
- 2 E4821 Corral End Post: (1/2 x 1/2 grooved): 4
- 4 E4822 Corral Side Bar: (3/4 Stripwood): 8
- 2 E4823A Assembled Corral: 7¹/₈
- 4 E4827 Window Track: 5¹/₄

Measure and identify the parts: The kit is packed in groupings that protect the parts, and that is how the Parts List is organized. As you measure and identify the parts, label them with sticky notes using the names from the parts list, and check them off the parts list so you know you have everything. Taking the time now to identify and organize the parts also makes them familiar so you will understand what the instructions intend as you read ahead.

Painting: Use high quality semi-gloss interior latex enamel, sanding between coats with 320 grit sandpaper. Avoid old gloppy paint and poor quality paint brushes. Do not paint edges that will be glued. For most color schemes, it is easiest and best to paint one coat before assembly and to sand everything until it is smooth and the wood grain is starting to show again. Sand the clapboard surface *one-clapboard-at-a-time!*

After assembly but before any outside details are attached, repair any defects, fill the nail holes, then re-paint. Sometimes a 3rd coat is necessary.

Nailing: This kit is should be assembled using *only masking tape* to hold the parts while the glue dries. If you do use nails, be sure to inspect the inside of a nailed joint before the last hammer strike. Then, if the nail has caused splitting, you can still grab the head with pliers and pull it out.

Gluing: Use a thick craft glue that dries clear like Aleene's Tacky Glue® for barn construction. Use a solvent-based glue for the shingles. If the glue's label says "water clean up", it will curl the shingles.

Supplies you will need:

Glues	Masking tape	Fine tooth saw
Painting supplies		Sandpaper (320gr)



Assemble the Barn:

1. Glue and tape the Base Endwalls to the Base Floor, flush ("flush" means "forming a smooth, unbroken surface") at the back. The Base Floor sticks out 1/8" in the front. Check to make sure the Base Floor is tight-to-the-top in the grooves (Illustration #1).

2. Attach the Front to the Base-Endwalls/Base-Floor assembly. Lay the assembly on its BACK on a flat surface (Illustration #2).

Spread glue in the grooves of the Front panel and on the front edges of the Side panels. Set the Front panel on the Base-Endwalls/Base-Floor, flush at the Sides. Glue and tape the Front to the Base Floor making sure the Base Floor is tight-to-the-top in the groove.

Tape the Front to the Endwalls to hold everything tight as the glue dries.

3. Glue and tape the Door Fill to the Base Floor in the Door opening.

4. Glue and tape the Loft Endwalls to the Loft Floor (Illustrations #3 & #4)

Assembly Options: It is not necessary to attach the Loft to the Base (this will allow you to easily move objects and play in the barn).

If you want to permanently attach the Loft, glue the Loft to the Base assembly. Weight the Loft Floor for a good fit as the glue dries.

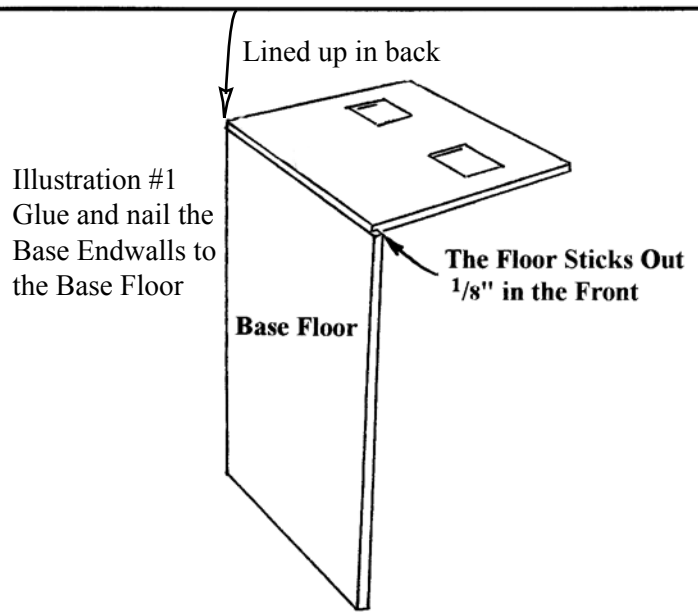


Illustration #1
Glue and nail the Base Endwalls to the Base Floor

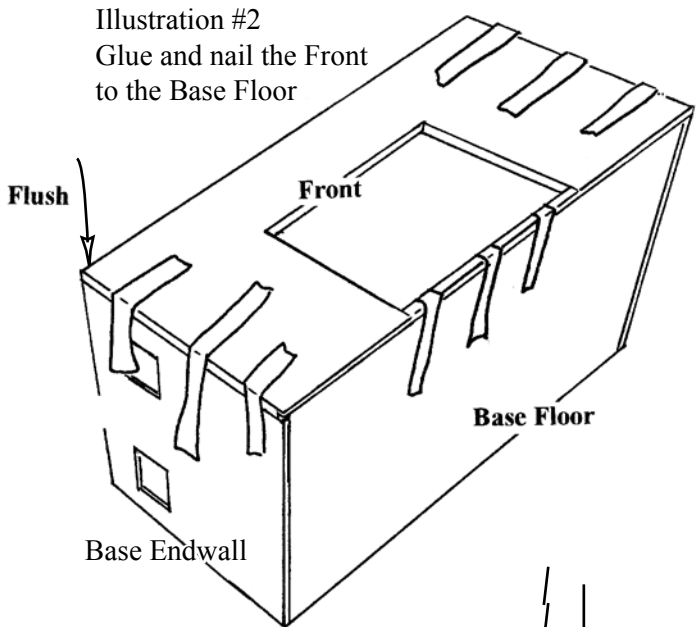


Illustration #2
Glue and nail the Front to the Base Floor

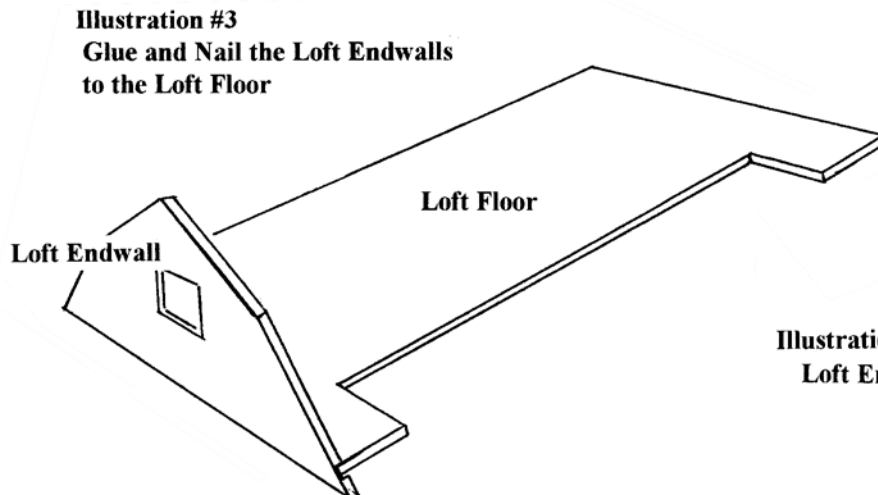


Illustration #3
Glue and Nail the Loft Endwalls to the Loft Floor

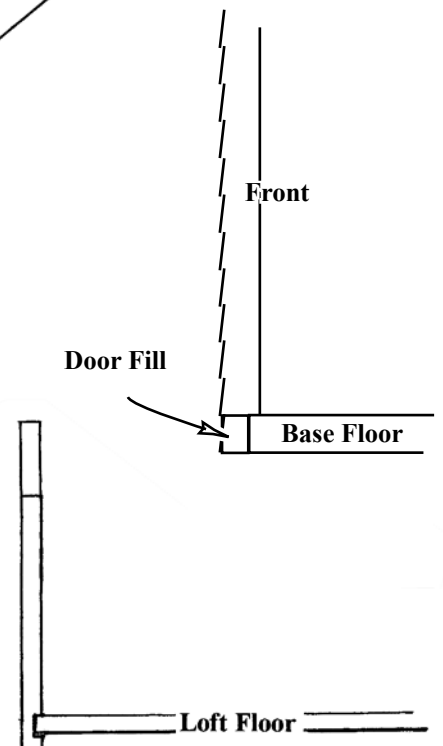


Illustration #4
Loft Endwall

Review: Make sure all parts are in place and the Barn is straight.

7. Finish painting the Barn now. If you haven't painted the Doors, Door Track, and Trim do so now. Do not paint inside the dados or grooves.

Assemble the Roof:

8. Draw guidelines for locating shingles on the roof panels. The first guideline should be drawn one Shingle length from the bottom edge. Continue drawing the guidelines up the roof spaced 1" apart (Illustration #5 and #6).

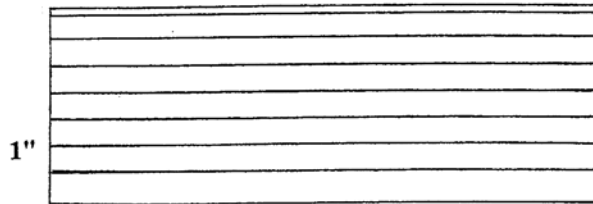
9. Tape together the Top Roof and the Rear Roof across the peak (the beveled edges meet at the peak). Glue and tape the Top Eaves to the Rear Roof (Illustration #7).

11. Glue and tape the Top Roofs to the Loft Endwalls with a good fit at the peak, and centered end-to-end (Illustration #8).

12. Attach the Front Roof to the Loft Endwalls. The beveled edge goes at the top, bevel face up.

13. Glue and tape the Rear Eaves in place, with an even overhang.

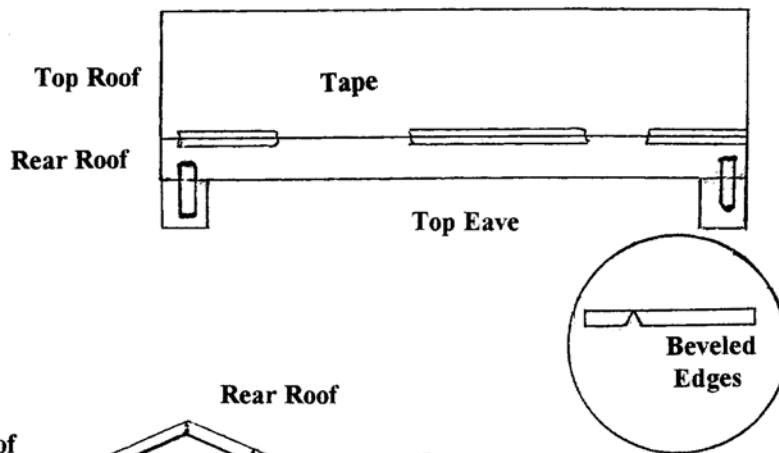
**Illustration #5
Shingle Guidelines**



One Shingle Length

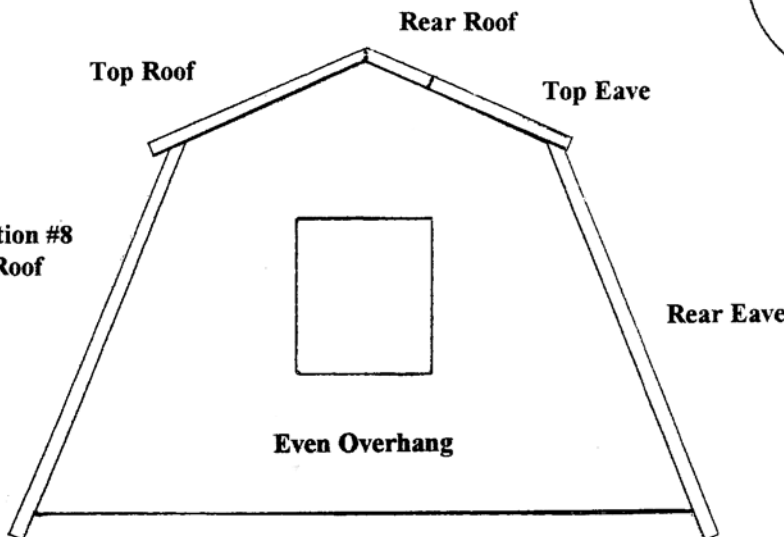
1"

Illustration #7



Beveled Edges

**Illustration #8
Front Roof**



Even Overhang

**Illustration #6
Guideline Measure**

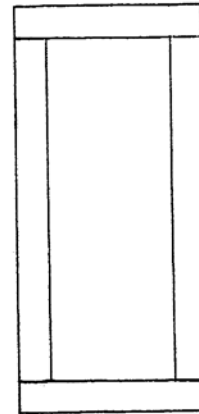
One Shingle Length

Door Track and Trim:

It is far easier to paint the Door Track, Door Trim and Window Trim before gluing them in place.

Cut the Door Track and Trim with a fine toothed saw (such as an X-acto™ razor saw or a hack saw). Line up the Trim with the Door, mark the cuts with pencil...there is enough trim to get all the cuts from the material supplied, but a wrong cut can leave you with short pieces when you need long pieces. Plan ahead!, then make your cuts.

**Illustration #9
Trim the Outside
of the Loft Doors**



14. Cut and glue pieces of 1/4" Trim to the Doors (Illustration #9 & #10).

15. Glue a 16 1/2" length of Door Track to the Front panel, flush at the bottom, and centered side-to-side (Illustration #11).

Cut then glue the upper 16 1/2" Door Track to the Front panel using both Doors as spacers (leave a loose fit).

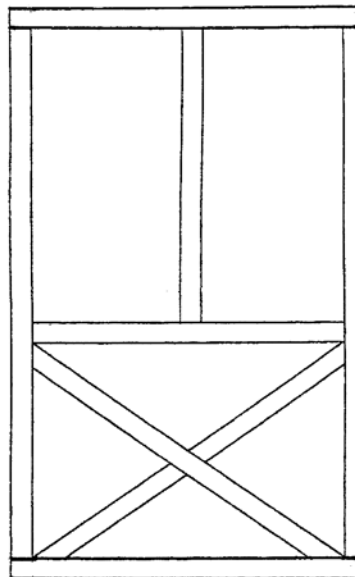
16. Cut and glue 5 1/4" Door Track for the Loft Doors.

17. Glue 7/16" Stripwood 9 5/8" to each end of the Front panel, covering the edge of the wall material (Illustration #12).

18. Frame and trim the Base-Floor Windows (Illustration #13).

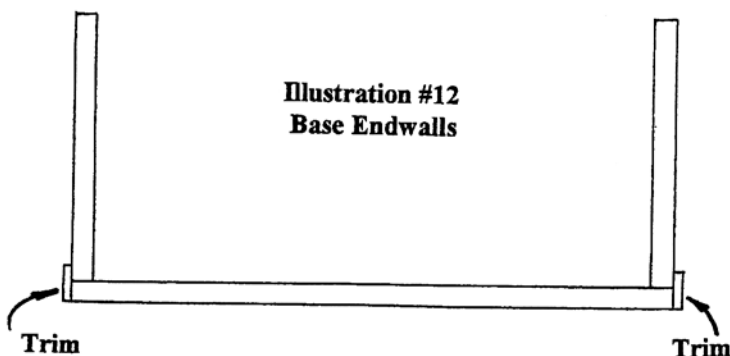
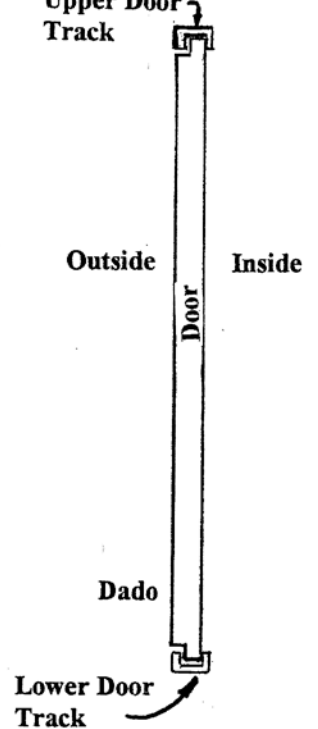
Use the remaining trim to build stalls, manger, troughs, a ladder ...anything you can think of for a barn. The last pages of this instruction have sketches and plans for the accessories we made from this stripwood. You have enough material for all these items and more.

Be imaginative and have fun!

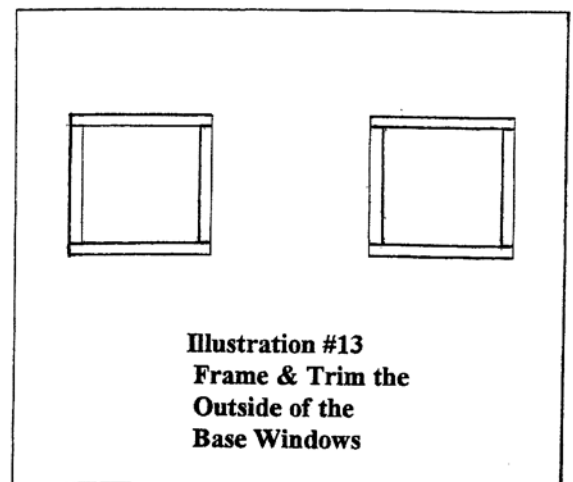


**Illustration #10
Trim the Outside
of the Doors**

**Illustration #11
Upper Door
Track**



**Illustration #12
Base Endwalls**



**Illustration #13
Frame & Trim the
Outside of the
Base Windows**

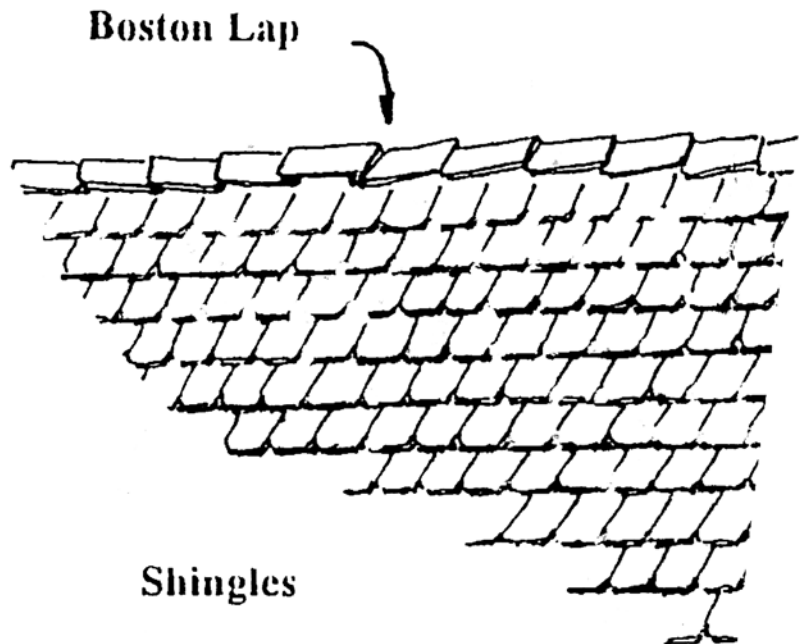
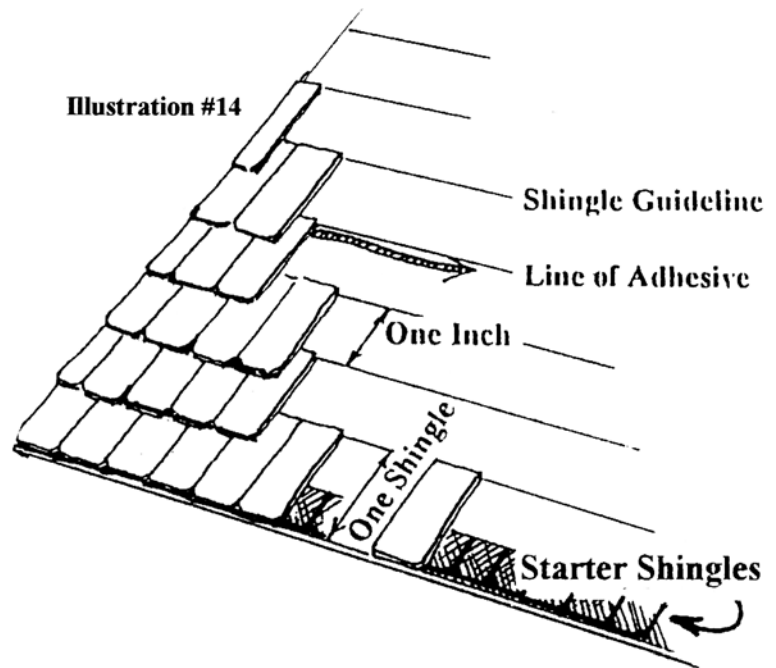
Shingling:

Assembly Pro Tip: Our assembly pro uses *Real Good Toys'* shingle dye (dye is a separate purchase) when dyeing the shingles for our finished barns. Dye the shingles a couple of days ahead of time so they will be completely dry when the time comes to attaching them to the roof (see the instructions included in the dye pack).

□19. Attach the Shingles: Use a thick panel adhesive such as Liquid Nails®Macco available in caulking gun tubes at building supply stores. Trim just a little of the end of the tube for a tiny hole, giving a thin bead of glue. Always use good ventilation with solvent based adhesives.

A. Starter shingles: Cut regular shingles into 1/2" long square edged starters (use molding or heavy shears, tin snips, or a fine toothed saw). Glue a row of starters along the bottom of each roof (Illustration #14).

B. Apply a thin line of adhesive just below the lowest guideline all the way across one roof. Press the top edge of a shingle into the line of glue, squeezing out the excess. Hold the first shingle and press another shingle into the adhesive, tight to the first. Hold the next shingle and press in another... etc. all the way across the roof, cutting the last shingle to fit. Continue up the roof one row at a time. Start the next row with a half shingle so that the seam between shingles is staggered back and forth as you go up the roof. Line up the top edge of each row (except the starters) with the guidelines. Cut the top row of shingles (7/16" for the top row of the Front Roof and Rear Eaves) so that each row will have the same reveal. Finish the peak with a "**Boston Lap**": pairs of shingles laid horizontally. Start at the ends of the peak, and, with each pair overlapping the previous pair, work to the middle.



Our Assembly Pro, uses these dimensions for cutting stripwood to make the following options.

Troughs:

- (9) 3/4 x 3
- (6) 3/4 x 15/16

Bench ~sand the bevels:

- (1) 3/4 x 2 1/4
- (2) 3/4 x 1 1/4
- (1) 7/16 x 15/8



Table:

- (2) 3/4 x 4
- (2) 3/4 x 1 1/2
- (2) 7/16 x 1 1/2 (Snip the miter with scissors)
- (1) 1/4 x 3

Well

- (2) 3/4 x 2 1/4 (Snip the miter with scissors)
- (2) 7/16 x 5 (Upright)
- (16) 7/16 x 1 1/4
- (1) 1/4 x the fit between the uprights
- (1) 1/4 x 1: Crank
- (1) 1/4 x 3/8: Crank handle
- (4) 7/16 x 3: Roof Strapping
- (±20) Shingles

Hay Rack:

- (4) 7/16 x 4 7/8 (Snip the miter with scissors)
- (2) 7/16 x 2 1/8 (Snip the miter with scissors)
- (2) 7/16 x 5/8 (Snip the miter with scissors)
- (4) 7/16 x 4 3/4
- (10) 7/16 x 3 Sand the ends

Ladder ~3/4" x 11 1/2"

This *Special Edition* Kit has a Pre-built Ladder!

Manger:

- (4) 90° Post Material x 1 1/2
- (4) 3/4 x 4
- (2) 3/4 x 1 11/16
- (4) 1/4 x 1 1/2

Loft Rail:

This *Special Edition* Kit has a Pre-built Loft Rail!

Stall:

- (2) End Post x 4
- (3) 7/16 x 5

Stall (2):

- (4) End Post x 9 5/8
- (6) 3/4 x 5

Corral (2):

- (4) End Post x 4
- (2) 90° Post x 4
- (2) 180° Post x 4
- (4) 3/4 x 8
- (8) 3/4 x 3

Loft Doors: 1/4" Stripwood
See page 4

Big Doors: 1/4" Stripwood
See page 4

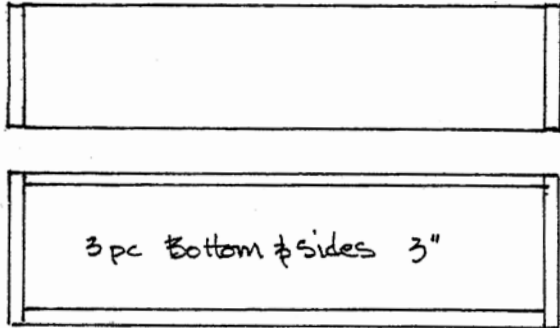
Window Frame:

- (4) 7/16 x 2 9/16
- (4) 7/16 x 3 1/2

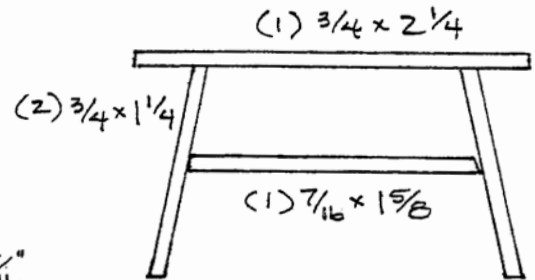
This *Special Edition* Kit includes a partially assembled Corral!



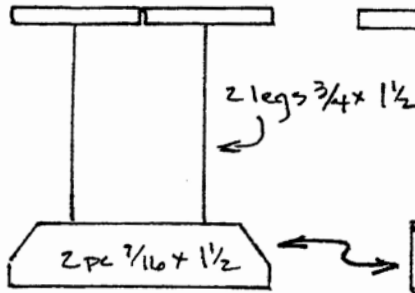
Trough (3)



Bench (1)



(2) top 3/4 x 4



Tressel Table (1)

