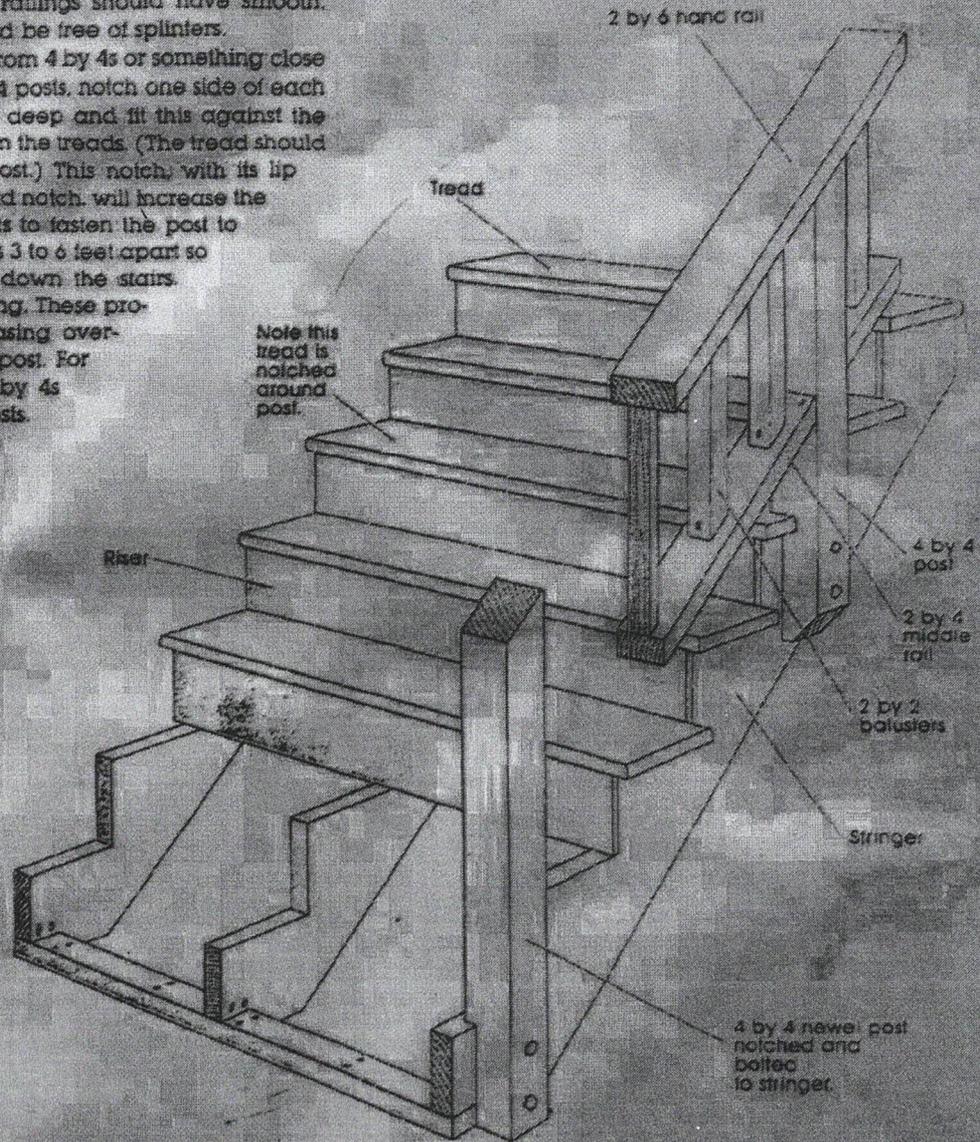


Constructing Railings

Stairs should have railings on both sides. The standard railing height is 32 or 33 inches from the top of a riser to the top of the handrail. Always measure from the same point at the top and bottom of the stairs so the rail will be parallel to the stairs. The railings should have smooth, rounded corners and should be free of splinters.

Posts should be made from 4 by 4s or something close to that size. If you use 4-by-4 posts, notch one side of each post at the bottom 1/4 inch deep and fit this against the stringer before putting down the treads. (The tread should be cut to fit around the post.) This notch, with its lip resting on the stringer's tread notch, will increase the post's stability. Use two bolts to fasten the post to the stringer. Space the posts 3 to 6 feet apart so they are equally spaced down the stairs. Use 2 by 6s for the top railing. These provide an aesthetically pleasing overhang on each side of the post. For the middle railing, use 2 by 4s toenailed between the posts. If you are concerned about children falling between the railings, nail 2 by 2s about 8 inches apart between the top and middle railings.

Constructing a Railing



What Next?

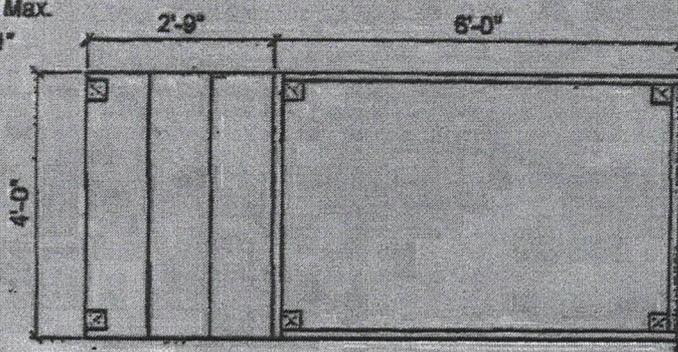
The building is up, the roof is on, the windows and doors are installed, and the siding and trim are finished. You have broken out the grog for your fellow workers, and you feel like the job is almost finished. If you have built a simple shop, garage, or barn, then the job is indeed just about over except for some electrical wiring.

But if you have built a house, your job is less than halfway done. You'll need to run all the wiring and hook it into the outlets and switches; install wall and ceiling in-

sulation; put up the sheetrock on the walls and ceiling, and tape and plaster it; attach the baseboards and all the trim molding; paint everything; put down finish floors and carpeting; install the kitchen and bathroom fixtures; build and install all the cabinets—all right, enough—it's not necessary to spoil your present sense of success.

There's a lot of work ahead, but go at it with confidence. Take each job one step at a time, just as you did with the construction, and you'll be finished before you know it.

(4) Risers @ 8" Max.
(3) Treads @ 11"

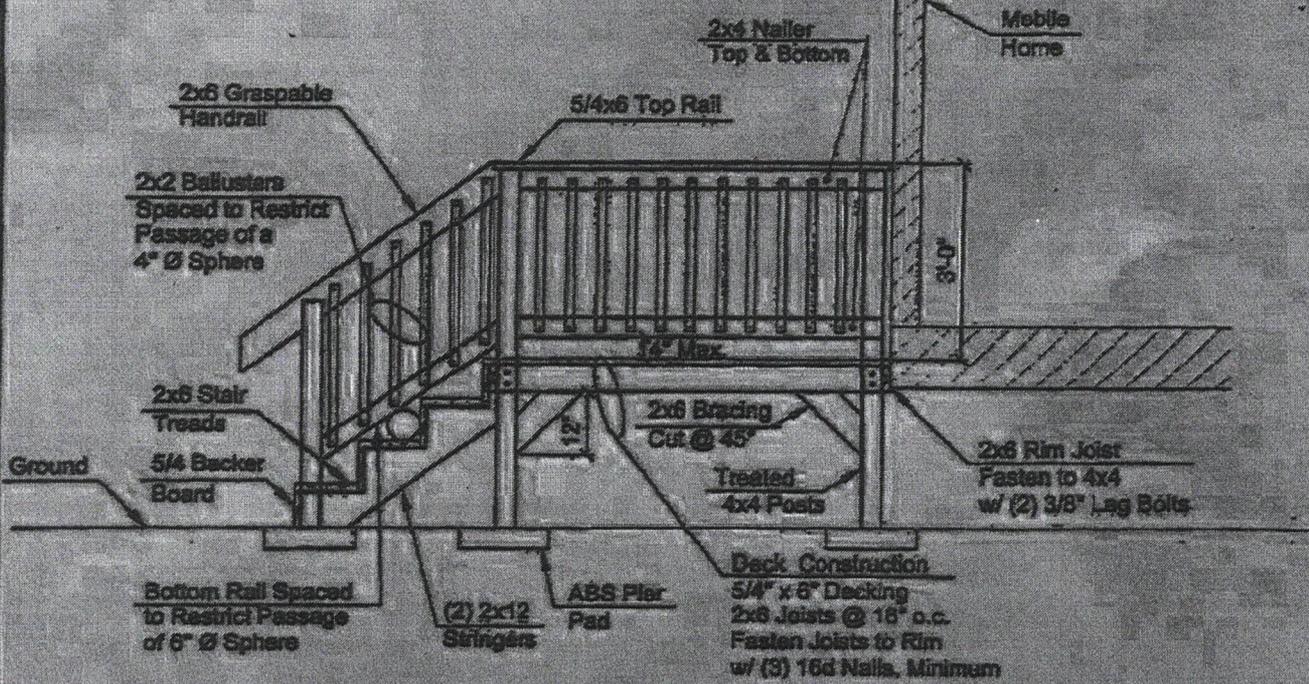


PLAN VIEW

Scale: 3/8" = 1'-0"



Scott Nordin
9/16/09



SECTION VIEW

Scale: 3/8" = 1'-0"

NOTE: Entry deck shall be set 5" to 6" below floor of manufactured home unless posts and posts are set below frost level.

<p>SECRET</p> <p>A.2</p>	<p>SCALE: As Shown</p> <p>DATE: August 24, 2009</p> <p>PROJECT NO. 087-1</p>
---------------------------------	--

Nordin Design Group, Inc.
consulting engineers / commercial building design

1044 W. 42nd Street, Shawano, WI 54981
 Phone: (920) 842-2000

Plan View, Section View
 4x6 Deck w/ Steps - Front
 Mobile Home Shift Store

<p>DESIGNED BY</p> <p>CHECKED BY</p> <p>DATE</p>
--

