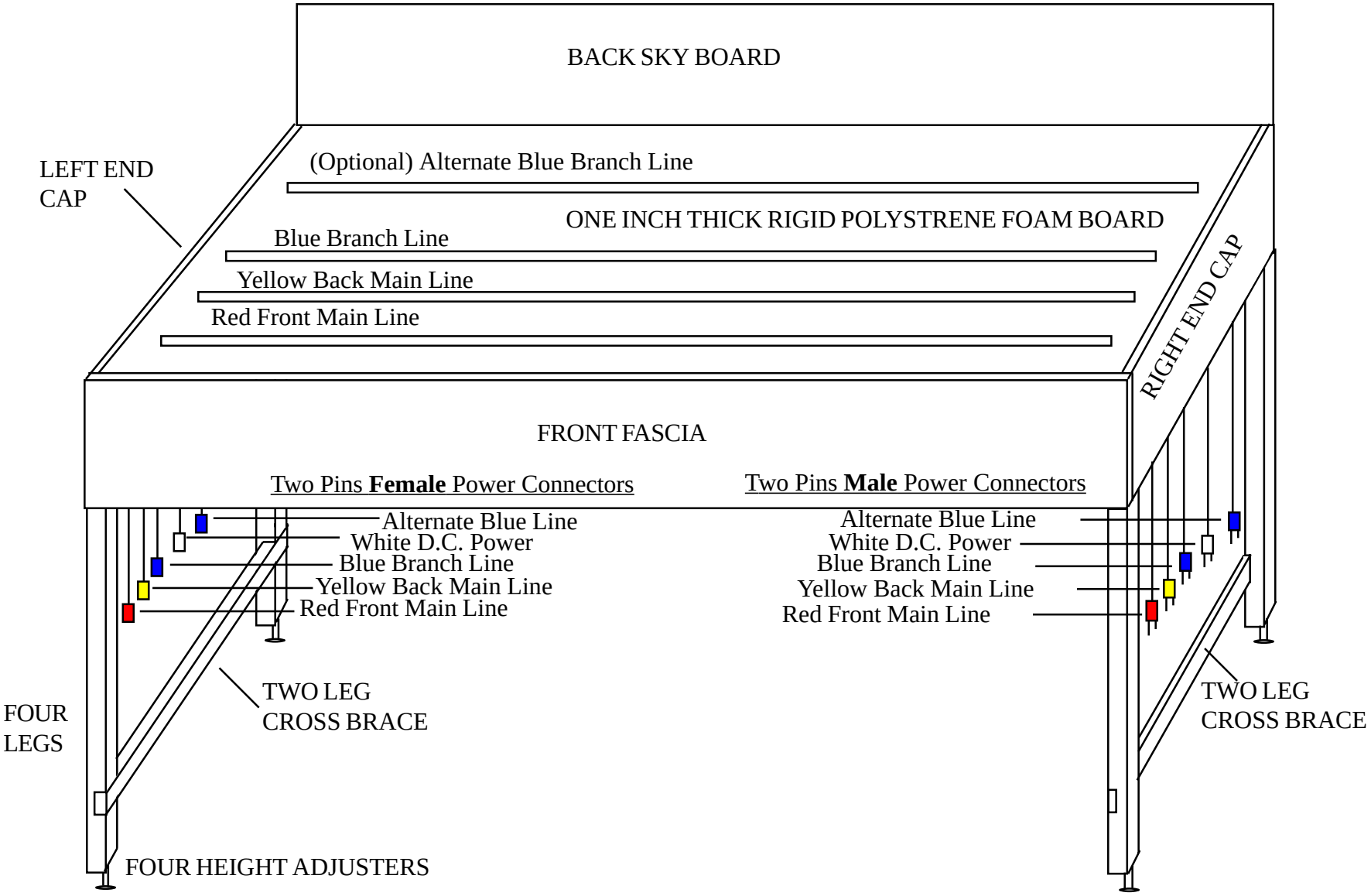
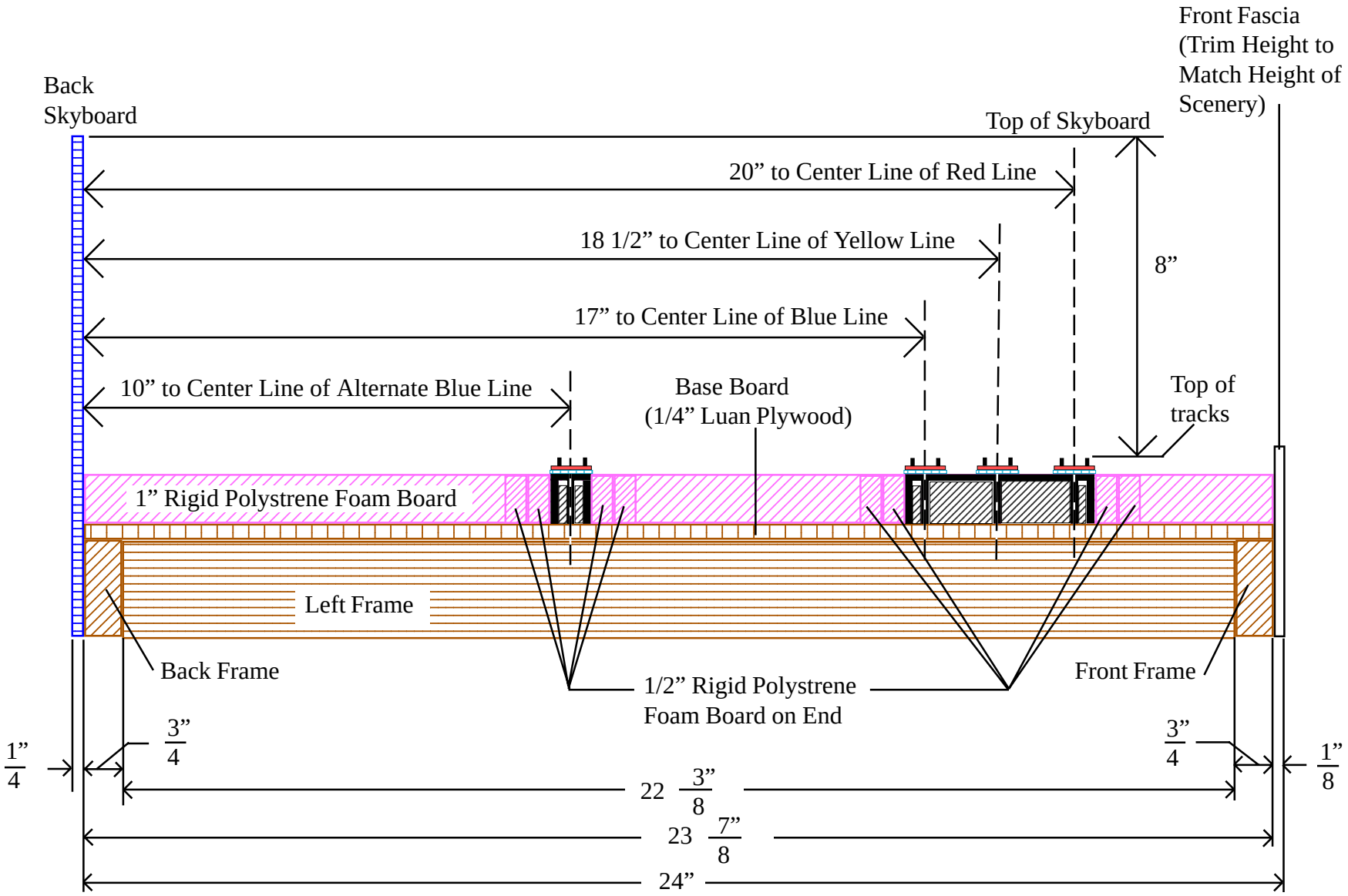
View of New 4' or 6' Long N-Trak Modules, No Scenery

FIGURE 1. **NOTICE! FOR ILLUSTRATION ONLY - NOT TO ANY SCALE!**



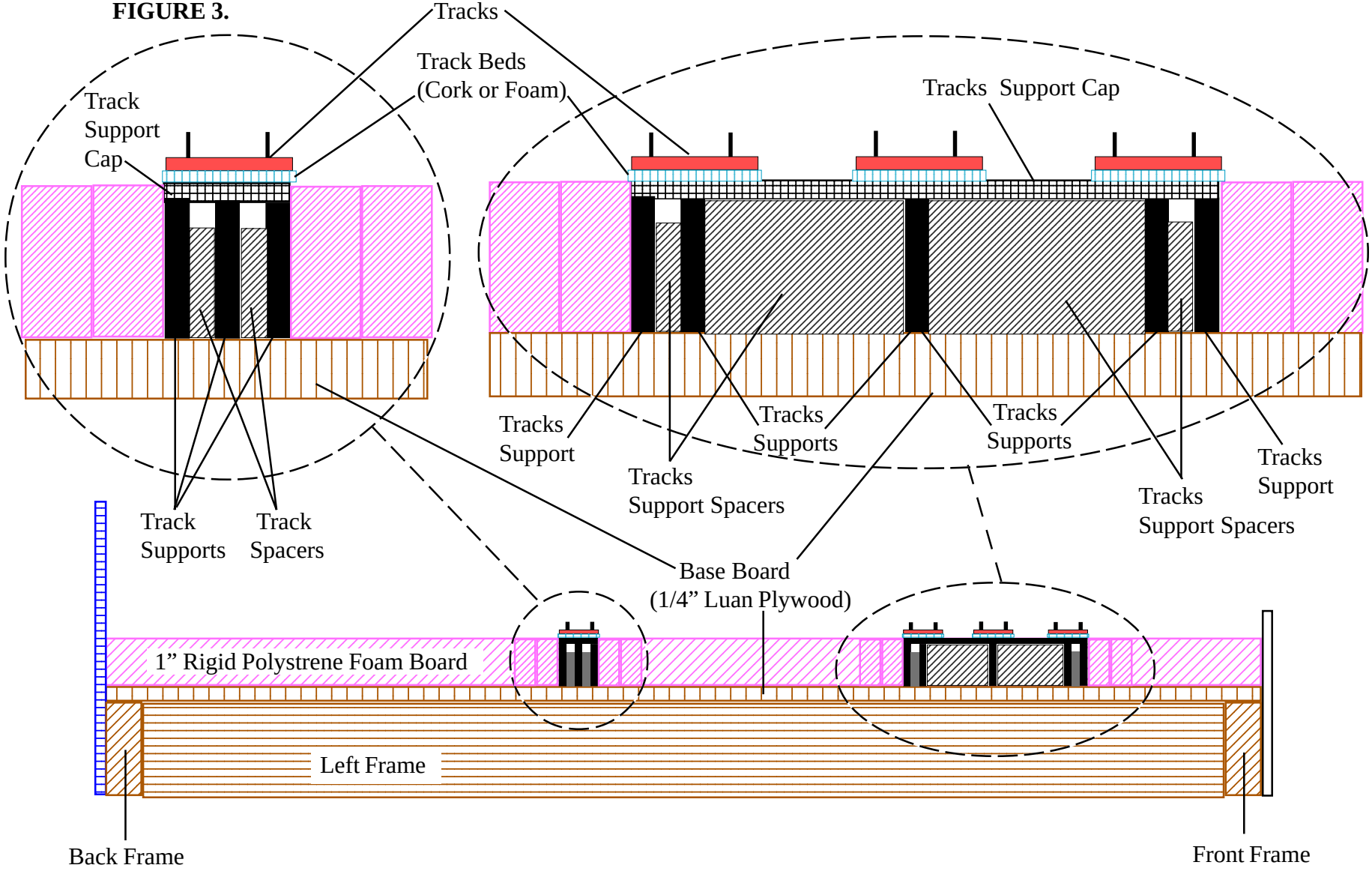
Left Side View of New 4' or 6' Long by 2' Wide N-Trak Modules, No Scenery

FIGURE 2. Not to any scale! View with Left Side End Cap removed to show top of module details.

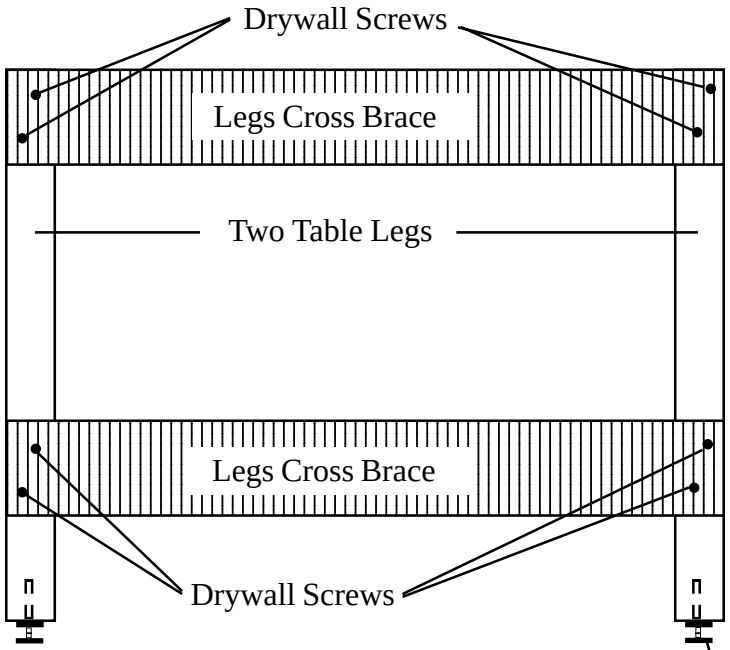


Enlarged End View of Tracks and Supports. Not to any scale. NOTE! The Track Supports, Spacers, and Caps are all 1/8" Hardboard.

FIGURE 3.



Part One: Module Legs Construction.



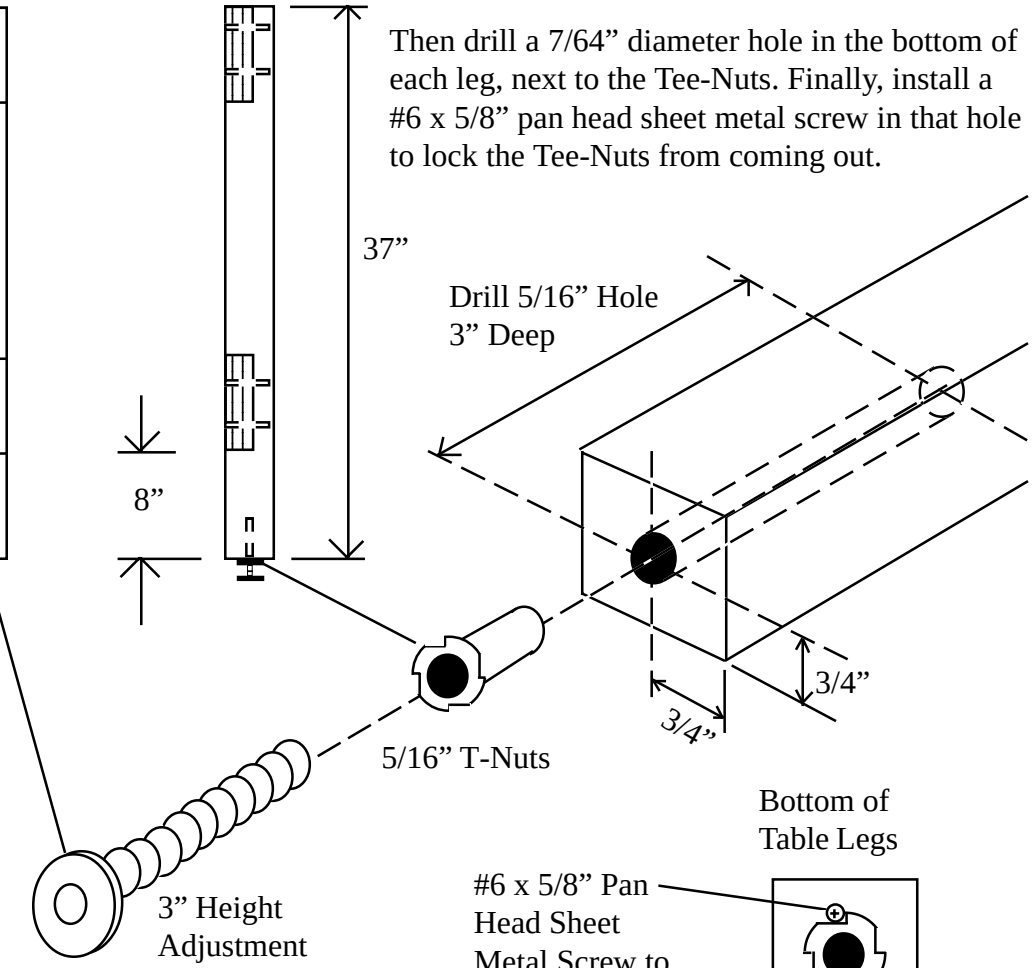
Position a leg cross brace across the top of two table legs as shown above. Next drill four 7/64" pilot holes through the cross brace and into the legs. Countersink the holes in the cross brace.

Then apply yellow carpenter's glue to the legs where the brace will mount to it. Position the leg across brace across the top of the two legs. Install four 1-1/4" Drywall Screws.

Finally do the same for the bottom leg cross brace, mounting it 8" from the bottom of the legs. Repeat for the other set of legs.

Drill a 5/16" hole, 3" deep in the bottom end of each table leg as shown below. Next use a hammer to install a Tee-Nut in each hole.

Then drill a 7/64" diameter hole in the bottom of each leg, next to the Tee-Nuts. Finally, install a #6 x 5/8" pan head sheet metal screw in that hole to lock the Tee-Nuts from coming out.



Part Two: 4' Long by 2' Wide Module Frame Construction.

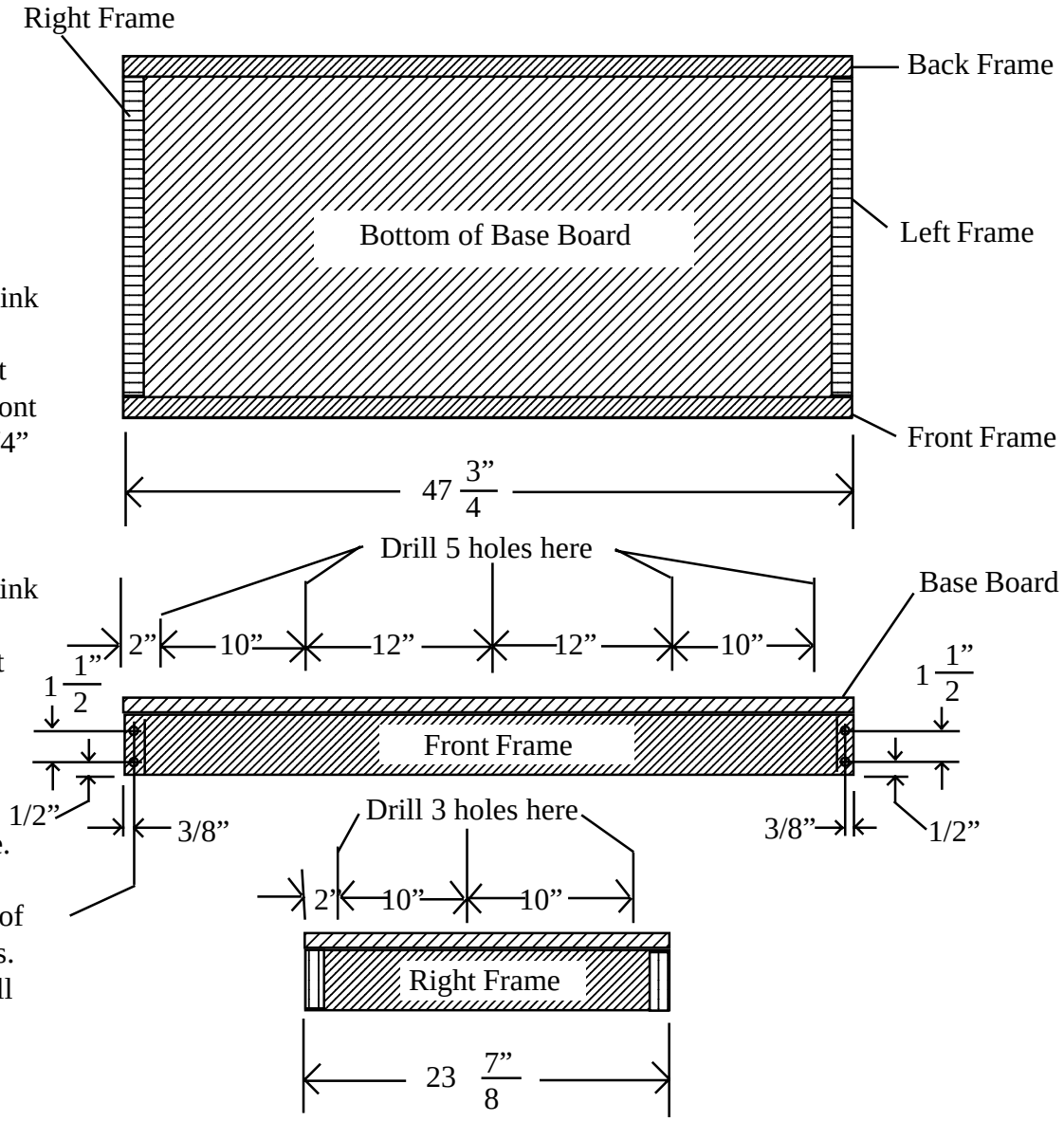
Position the Front, Back, Right, and Left Frame Pieces on the bottom of the Base Board as shown. **Check that all pieces fit properly. Correct if needed before continuing.**

Drill five 7/64” diameter holes through the base board and in the **front frame** as shown. Countersink the holes on the base board. Next apply yellow carpenter’s glue to the side of the front frame that will be attached to the base board. Position the front frame on the base board and install with five 1-1/4” Drywall Screws.

Drill three 7/64” diameter holes through the base board and in the **right frame** as shown. Countersink the holes on the base board. Next apply yellow carpenter’s glue to the side of the right frame that will be attached to the base board. Position the right frame on the base board and install with three 3/4” Drywall Screws.

Repeat for the left frame and then the back frame.

Drill two 7/64” diameter holes through each end of the front frame, and in to the right and left frames. Countersink the holes and install a 1-1/4” Drywall Screw in each. Repeat for the back frame.



Part Two: 4' Long by 2' Wide Module Frame Construction (Continued).

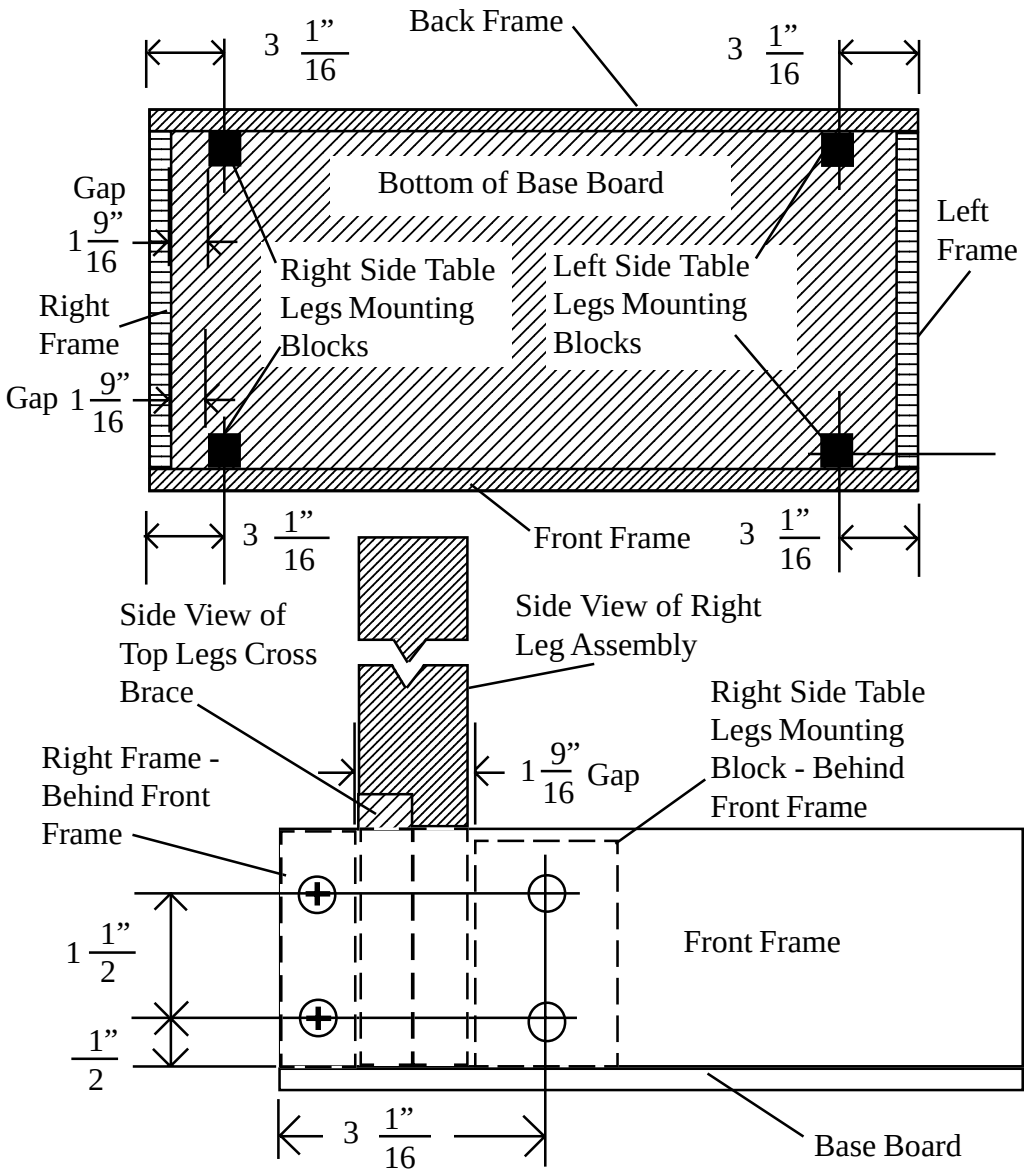
Position the base board assembly as shown to the right. In this step two mounting blocks will be positioned so that one leg assembly can be slipped in the space between the right frame and its two mounting blocks.

Position one mounting block against the front frame, leaving a gap of 1-9/16”between the block and the right frame. **Now make sure that block is all the way down on the bottom of the base board.** C-clamp that block to the front frame. Position another mounting block against the back frame, also leaving a gap of 1-9/16” between that block and the right frame. **Also make sure this block is all the way down on the bottom of the base board.** C-clamp this block to the front frame. Now test by inserting the top of a leg assembly into the gap between the two mounting blocks and the right frame. The leg assembly must be easy to insert and remove, but not so loose that the module will be unstable. See the lower figure. Make any needed adjustments.

Do the same as above for the two left side mounting blocks. Then also check the gap as above.

Drill two 7/64” diameter hole through the right and left frames and into each of the four mounting blocks. See the drawing at right. Countersink each hole in the right and left frames.

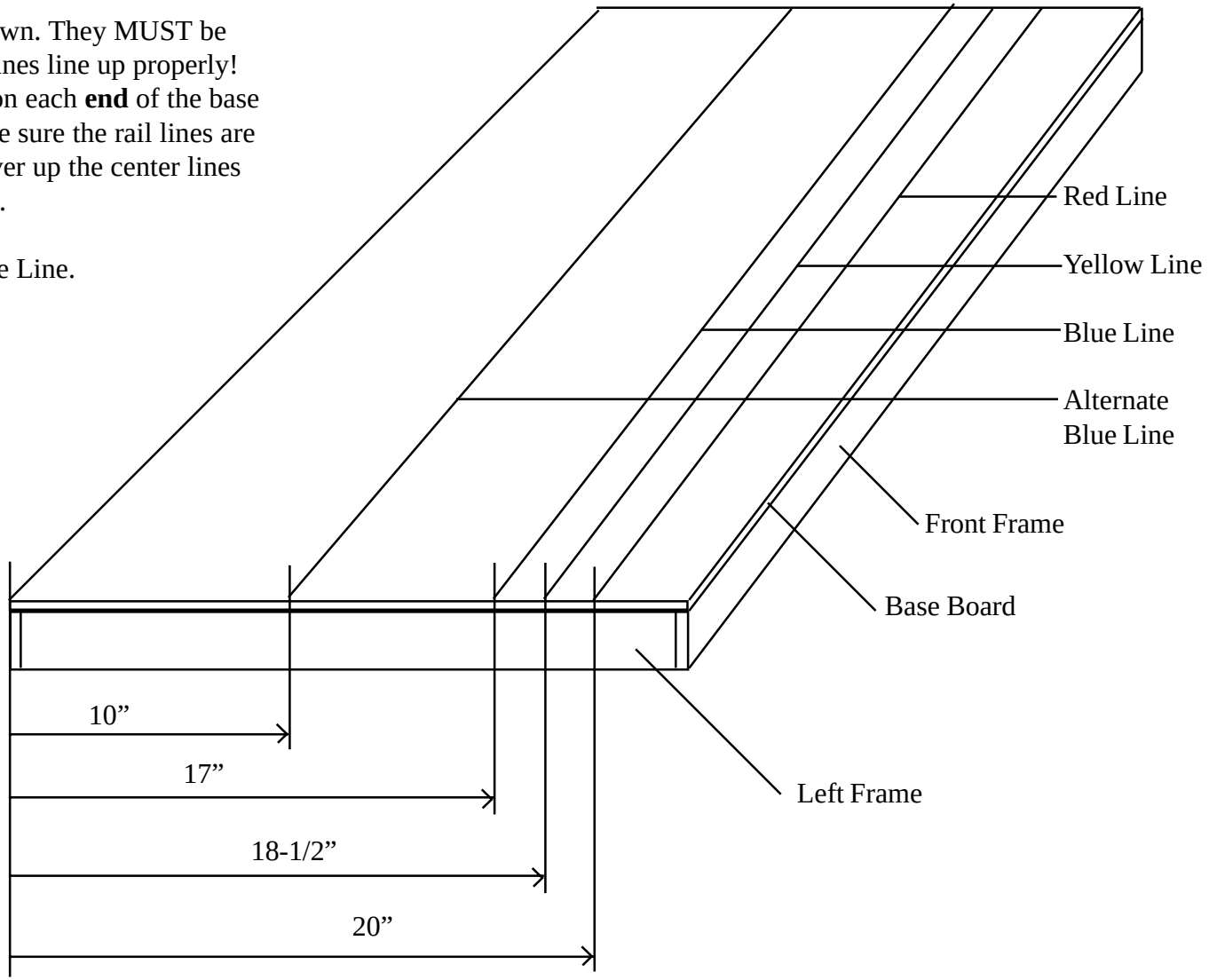
Remove the four C-clamps. Then apply yellow carpenter’s glue to the surfaces of the four mounting blocks which will touch the front or back frame and the bottom of the base board. Install the four blocks using 1-1/4” Dry Wall screws.



Layout of Track Center Lines of Four and Six Feet Long by 2' Wide N-Trak Module

Draw the four center lines as shown. They MUST be correct so that all module's rail lines line up properly! Then also mark the center lines on each **end** of the base board. This will help you to make sure the rail lines are correct after the rail supports cover up the center lines accross the **top** of the base board.

Now start with the Alternate Blue Line.



Part Two: 6' Long by 2' Wide Module Frame Construction.

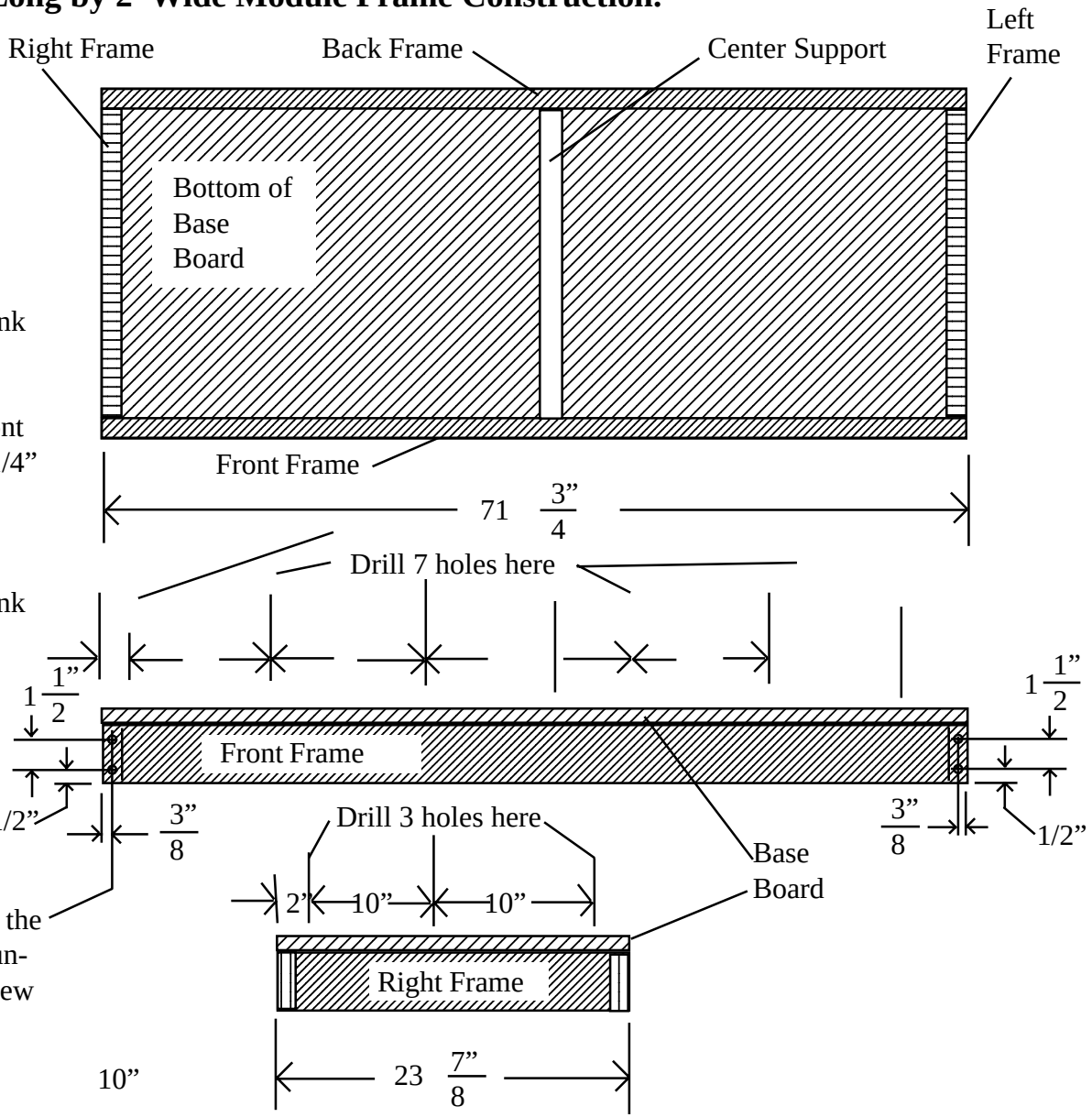
Position the Front, Back, Right, and Left Frame Pieces on the bottom of the Base Board as shown. **Check that all pieces fit properly. Correct if needed before continuing.**

Drill seven 7/64" diameter holes through the base board and in the **front frame** as shown. Countersink the holes on the base board. Next apply yellow carpenter's glue to the side of the front frame that will be attached to the base board. Position the front frame on the base board and install with seven 1-1/4" Drywall Screws.

Drill four 7/64" diameter holes through the base board and in the **right frame** as shown. Countersink the holes on the base board. Next apply yellow carpenter's glue to the side of the right frame that will be attached to the base board. Position the right frame on the base board and install with four 1-1/4" Drywall Screws.

Repeat for the left frame and then the back frame.

Drill one 7/64" diameter hole through each end of the front frame, and in to the right and left frame. Countersink both holes and install a 1-1/4" Drywall Screw in each. Repeat for the back frame.



2" 10" 12" 12" 10"

Part Two: 6' Long by 2' Wide Module Frame Construction (Continued).

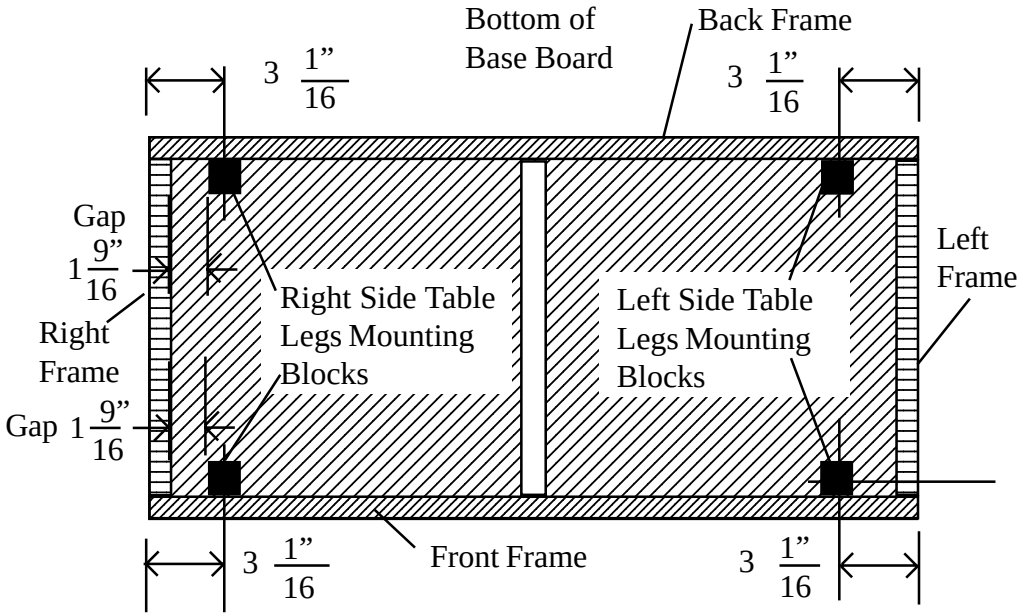
Position the base board assembly as shown to the right. In this step two mounting blocks will be positioned so that one leg assembly can be slipped in the space between the right frame and its two mounting blocks.

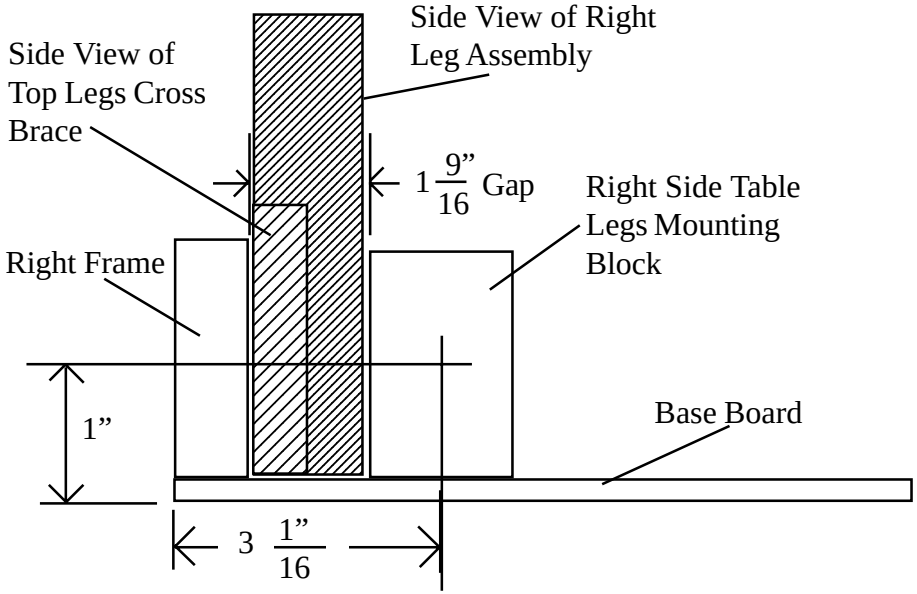
Position one mounting block against the front frame, leaving a gap of 1-9/16"between the block and the right frame. **Now make sure that block is all the way down on the bottom of the base board.** C-clamp that block to the front frame. Position another mounting block against the back frame, also leaving a gap of 1-9/16" between that block and the right frame. **Also make sure this block is all the way down on the bottom of the base board.** C-clamp this block to the front frame. Now test by inserting the top of a leg assembly into the gap between the two mounting blocks and the right frame. The leg assembly must be easy to insert and remove, but not so loose that the module will be unstable. See the lower figure. Make any needed adjustments.

Do the same as above for the two left side mounting blocks. Then also check the gap as above.

Drill one 7/64" diameter hole through the right and left frames and into each of the four mounting blocks. See the drawing at right. Countersink each hole in the right and left frames.

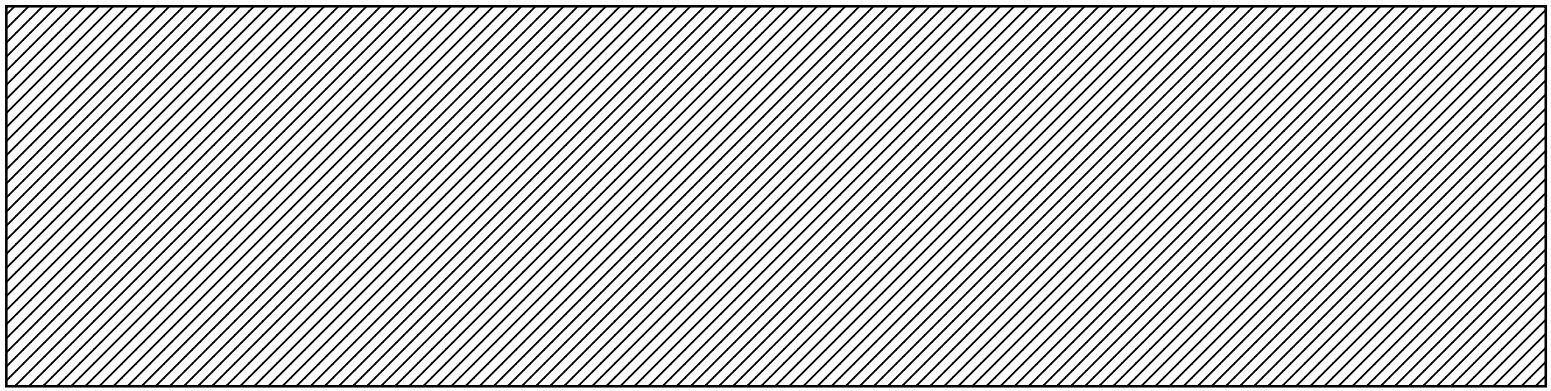
Remove the four C-clamps. Then apply yellow carpenter's glue to the surfaces of the four mounting blocks which will touch the front or back frame and the bottom of the base board. Install the four blocks using 1-1/4" Dry Wall screws.





Parts List for New 6' Long by 2' Wide N-Trak Module, No Scenery

Quanty	Discription	Cut from:	Used for the:
1	23 - 7/8” x 71 - 3/4” x 1/4” thick Luan Plywood	24” by 72” x 1/4” thick Luan Plywood	Base Board



Step One: 4' Long by 2' Wide Module Frame Construction.

Materials:
(1) Base Board 23-7/8” x 47-3/4” x 1/4” Laun Plywood
(1) Front Base Board Support 2-1/2” x 47-3/4” x 3/4” Clear Pine or White Wood
(1) Rear Base Board Support 2-1/2” x 47-3/4” x 3/4” Clear Pine or White Wood
(1) Right Base Board Support 2-1/2” x 22-3/8” x 3/4” Clear Pine or White Wood
(1) Left Base Board Support 2-1/2” x 22-3/8” x 3/4” Clear Pine or White Wood
(4) Leg Support Blocks 2” x 2” x 2-3/8” Clear Pine or White Wood (True size is 1-3/4” x 1-3/4” x 2-3/8”)
(??) 1-1/4” Drywall Screws
Yellow Carpenter’s Glue

See Figure XX for the following.

1.) Measure the Base Board to make sure that it is squareand correct in length and width. **Correct if needed!**
2.) Position the four Base Board Supports on the Base Board.
3.) Make sure that they all fit. If not, then correct any problems before going on to the next step.
4.) C-clamp the four supports into position to the Base Board.
5.) Drill and countersink X XX/XX”pilot holes through the Base Board and into the four supports. **Do not install the screws yet!**
6.)

Step Two: 4' Long by 2' Wide Module Frame Construction.

Materials: (1) Assemblied Module Frame from Step One.
(1) Front Fascia 3-3/4" (plus height of front scenery contour) x 48" x 1/8" Double Tempered Hardboard
(1) Rear Sky Board 11-3/4" x 48" x 1/4" Double Tempered Hardboard
(1) Right End Cap 3-3/4" x 23-7/8" x 1/8" Double Tempered Hardboard
(1) Left End Cap 3-3/4" x 23-7/8" x 1/8" Double Tempered Hardboard

??(??) 1-1/4" Drywall Screws
???Yellow Carpenter's Glue

See Figure XX for the following.

1.) Turn the Module Frame right-side up.
2.) Position the Right Endcap onto the right side of the Module Frame.
    2.1.) Make sure that it fits without extending past the length of the right side of the Module Frame. If not, then correct any problems before going on to the next step.
    2.2.) Align the Right End Cap to the right side of the frame and extending 1" above the top of the Base Board.
    2.3.) Glue?? and Screw?? the Right End Cap to the frame