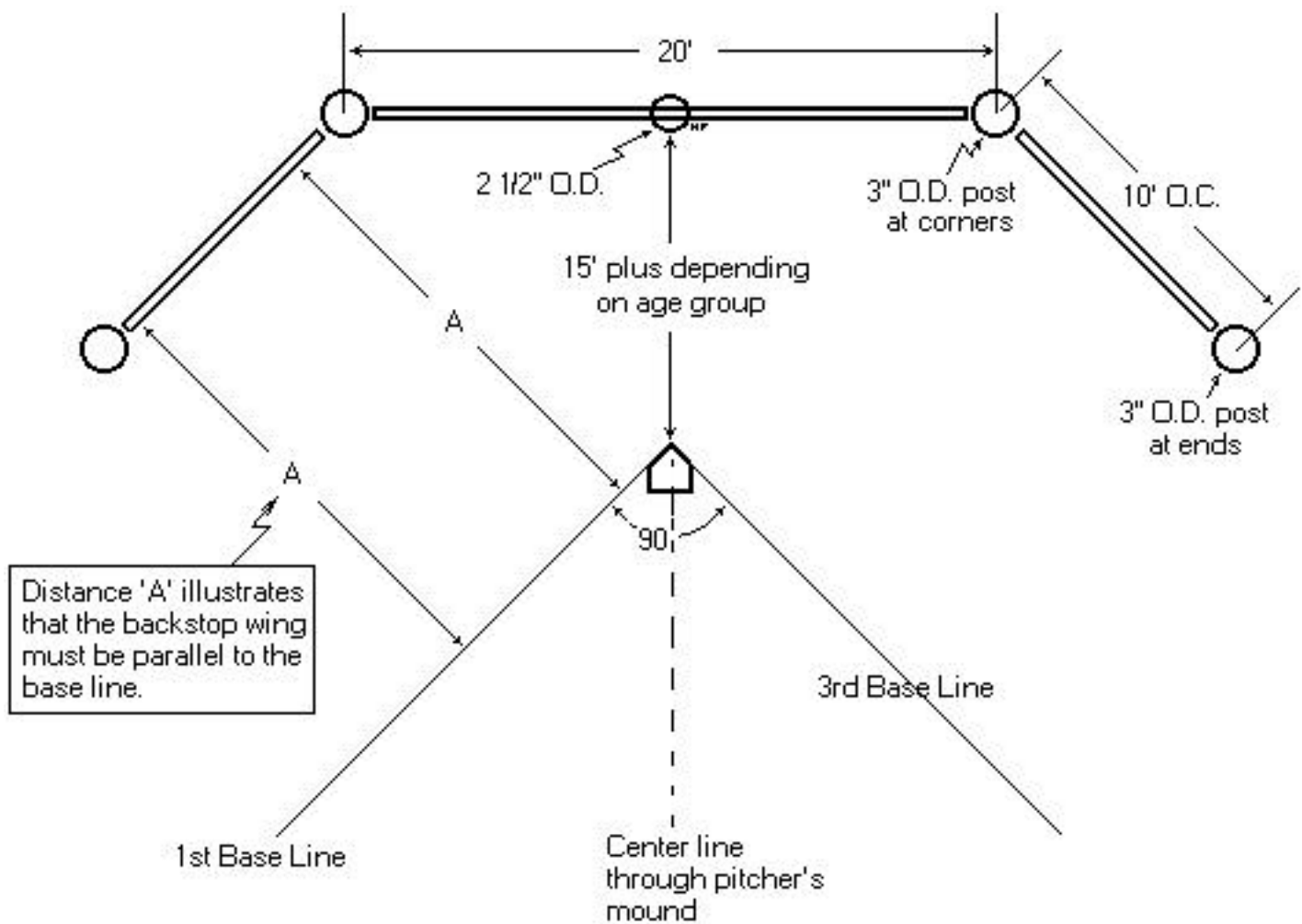




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Laying Out The Posts For The Backstop

Note: Do not exceed the distance between the posts. If you are slightly under, that is not a problem. Start your layout by marking the center line post so that it lines up with home plate and the pitcher's mound. A tolerance of 1-2" under the measurements will suffice.



**BACKSTOP POST
LAYOUT**

Fig. B100
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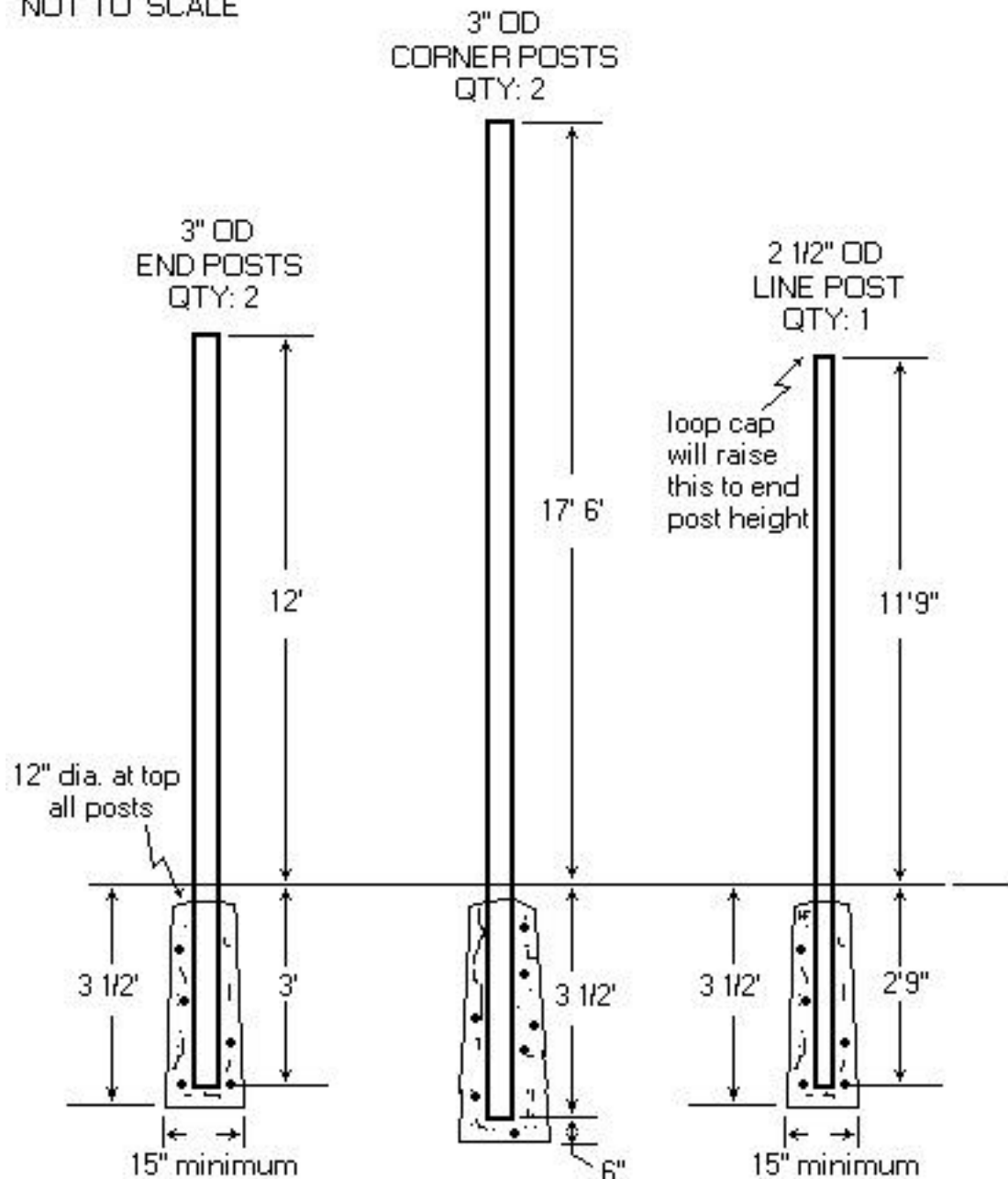
Post Grades and Footers

Note: Mark post grade minimums as illustrated. The posts can always be shortened later after the concrete has setup. Setting them too low can be a major problem.

Materials:

- 2 - 3" O.D. x 21' HF40 corner post
- 2 - 3" O.D. x 15' HF40 end post (wing posts)
- 1 - 2-1/2" O.D. x 14'-6" HF40 line post (center post)

NOT TO SCALE



FOOTER DETAIL

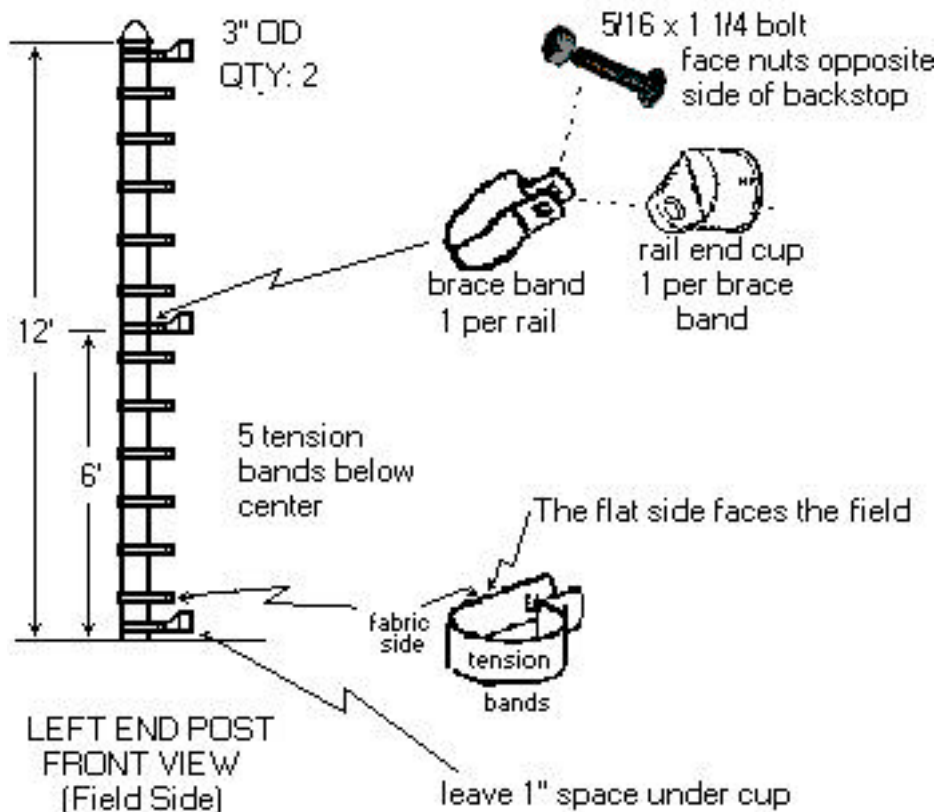
Fig. B101
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Install Hookup Fittings

Material List For Each Hook-Up Kit:

Number of Hook-Up Kits: 6
11 - 3" tension band
3 - 3" brace band
3 - steel rail end cup
14 - 5/16 x 1 1/4 carriage bolt and nut
1 - 12' tension bar



IMPORTANT: Do not bend bands around the post. This will deform them. The brace bands especially will not hold the rails under the tension of your fence stretch. Slide all fittings down the top of the post. You can squeeze bands so the bolts will fit through after the bands are on the posts.

Do not over-squeeze brace bands, they need to be drawn tight by the bolts to grip the posts firmly.

The exact location of bands can be adjusted as the rails are installed so that all rails are plumb.

For this reason, do not tighten bolts until rails are installed.

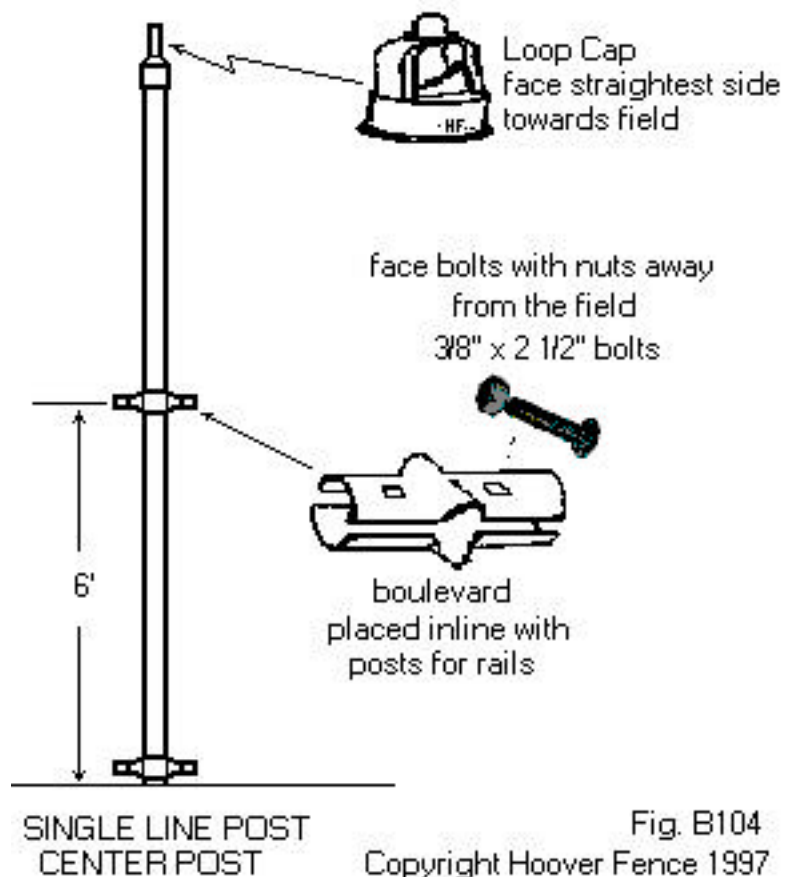
Fig B102 Copyright Hoover Fence Co, 1997

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Install Line Post Fittings

Fittings For Line Post:

- 1 - 2-1/2" x 1-5/8" loop cap
- 2 - 2-1/2" x 1-5/8" boulevard (line rail clamp)
- 4 - 3/8" x 2-1/2" carriage bolt and nut
- 11 - 2-1/2" aluminum tie wire (to tie fabric to post)



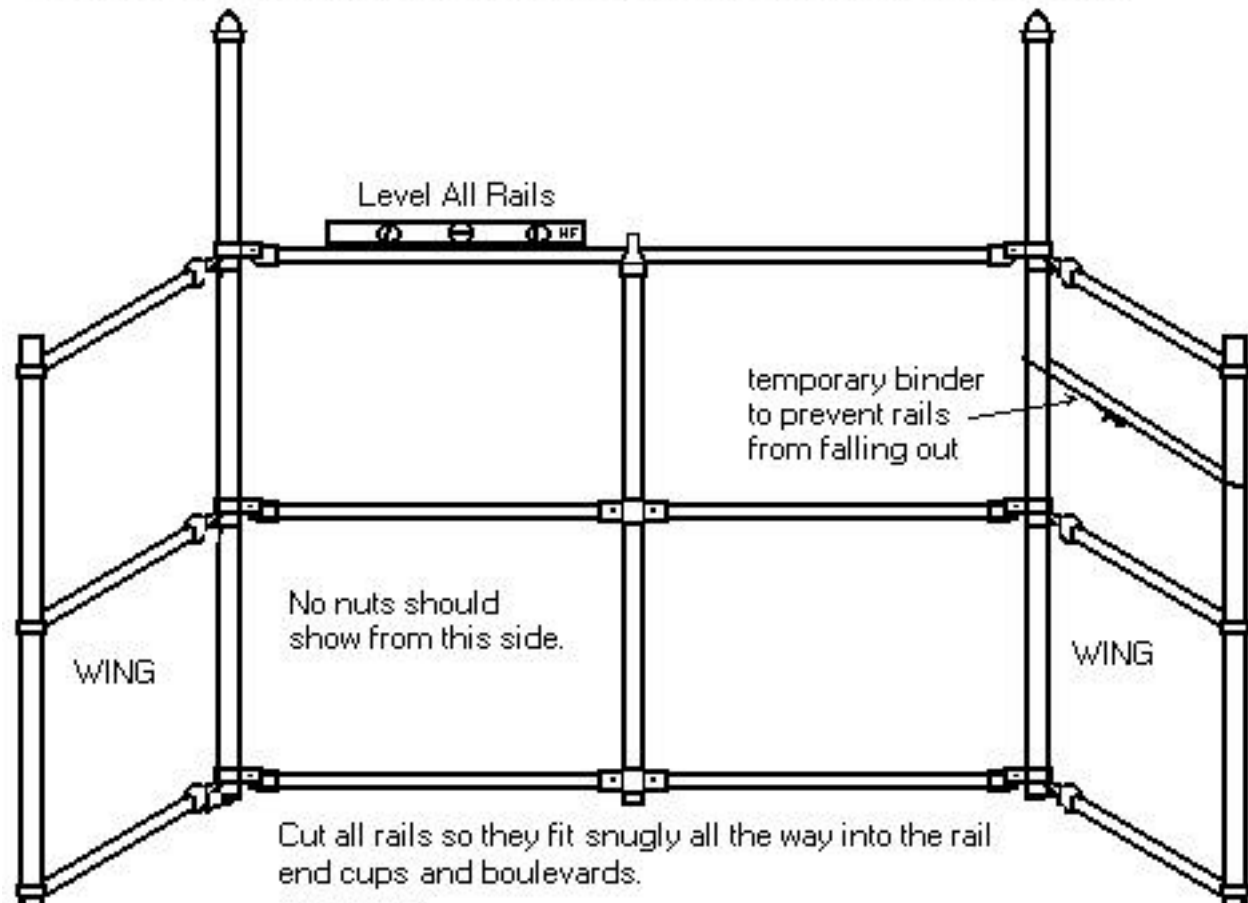
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Install The Baseball Backstop Rails

Material list:

6 - 1-5/8" x 21' HF40 lengths
Cut rails to fit. There should be just over 1' of waste from each length.

IMPORTANT: Install rails from the bottom up so upper rails do not fall as you work. After installing wing rails, it is wise to tie the end post to the corner post with a come-a-long or with a rope tightly to keep posts from spreading and causing rails to fall. Make certain all the rails are level and meet at the posts neatly. Adjust brace bands up or down to produce results. Make sure rails are in position before moving on to the chain link stretching phase, because later adjusting of rails and fabric will be difficult.



Measure bottom wing rail and cut all 3 rails identical. Force post into plumb.

WARNING:

The rails can fall out of the cups and cause serious injury. The weight of a ladder will lean posts enough for rails to fall from the rail end cups.

Installed tension bands and post caps not shown

Fig B105 Copyright Hoover Fence 1997

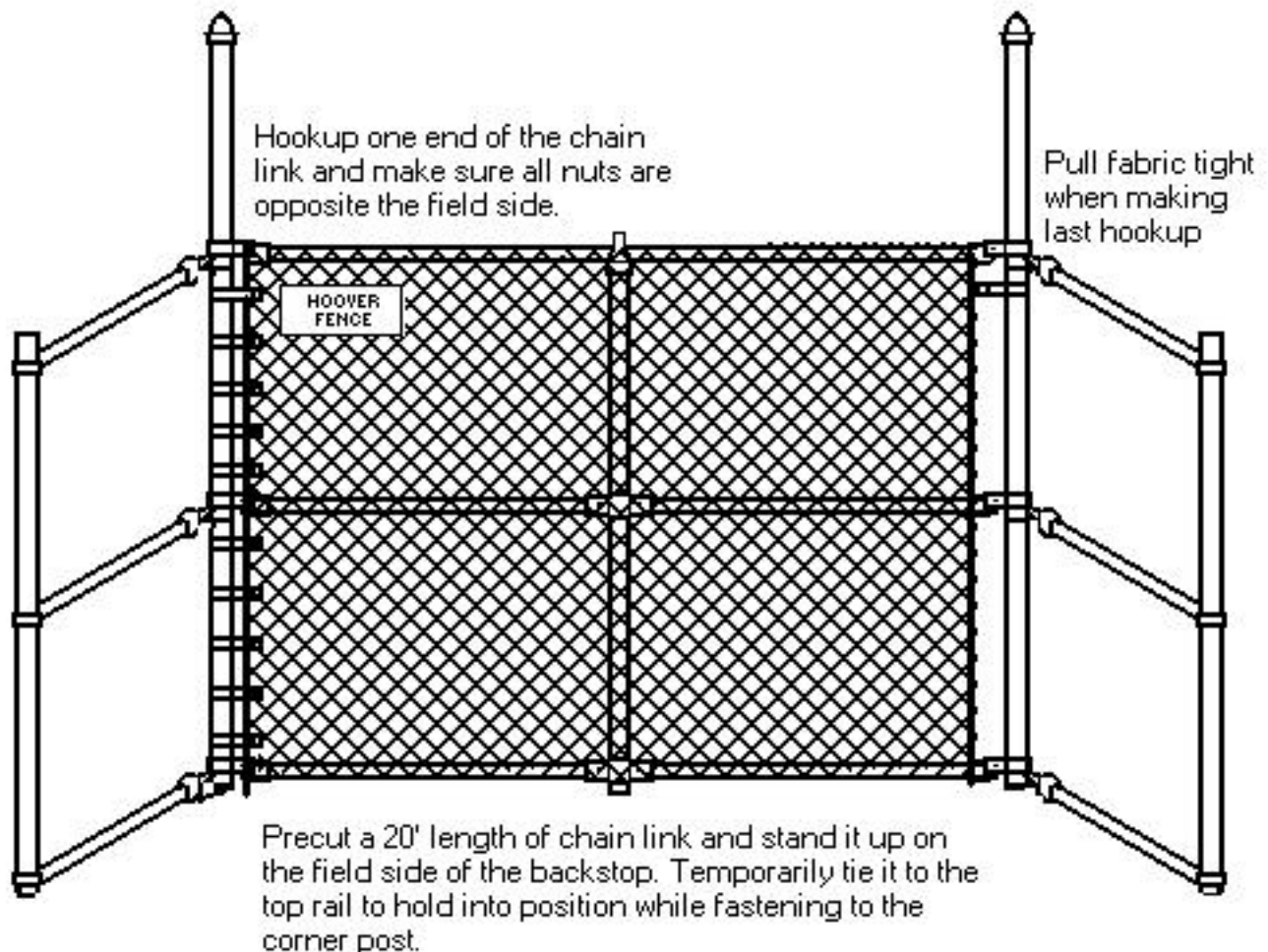
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Stretching the Baseball Backstop

Material:

40' - 12' high x 9 ga. chain link
120 - 1-5/8" aluminum tie wires

Note: Stretch the chain link so the fabric does not extend above the top rail. It would be in the way of the canopy, if you do. Tie wires secure the fabric to the rails. Space 6" apart on the bottom rail and 12" on the middle and top rail. Do not tie the top rail until the canopy has been installed.



After securing the first side, pull the fabric tight by hand and trim excess off the remaining side. Short the trim so it will be required to pull the fabric tight in in order to bolt the last side.

Fig. B106
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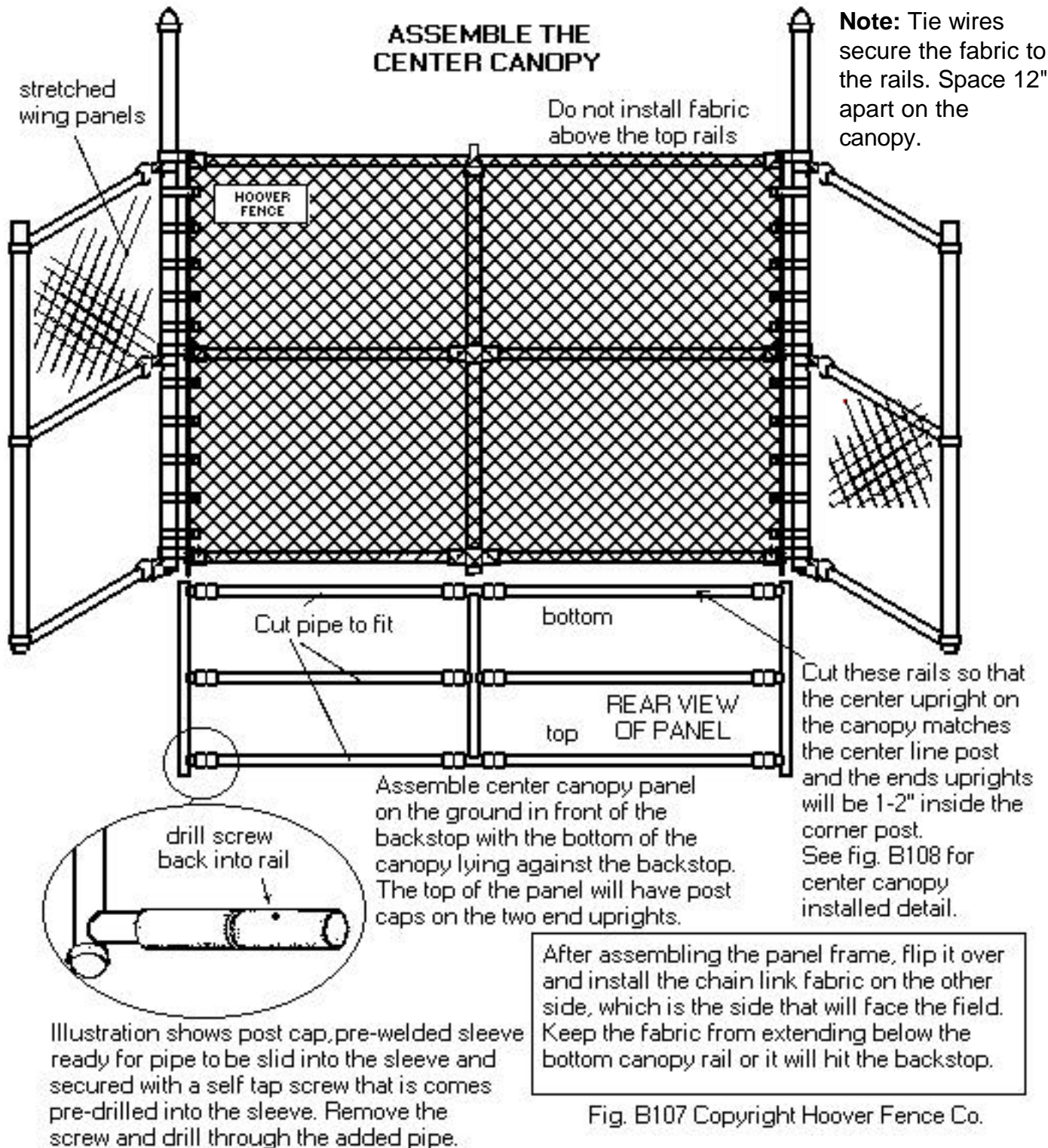
Installation Manual

Constructing The Baseball Backstop

Material:

6 - 1-5/8" x 10' (or 10'6") .065 wall rail
 2 - 1-5/8" welded upright end frame
 1 - 1-5/8" welded upright center frame

12 - self-tap screw (may be screwed into the sleeves)
 12 - 1-5/8" sleeve (may be welded to uprights)
 2 - 1-5/8" post cap (may be attached to end uprights)



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Installing The Center Canopy

Material:

- 4 - 1-5/8" x 1-5/8" panel clamp
- 12 - 5/16 x 1-1/4" carriage bolt and nut
- 4 - 3/8" x 11' threaded truss rod
- 4 - truss rod tightner
- 4 - 3" brace band
- 4 - 1-5/8" brace band

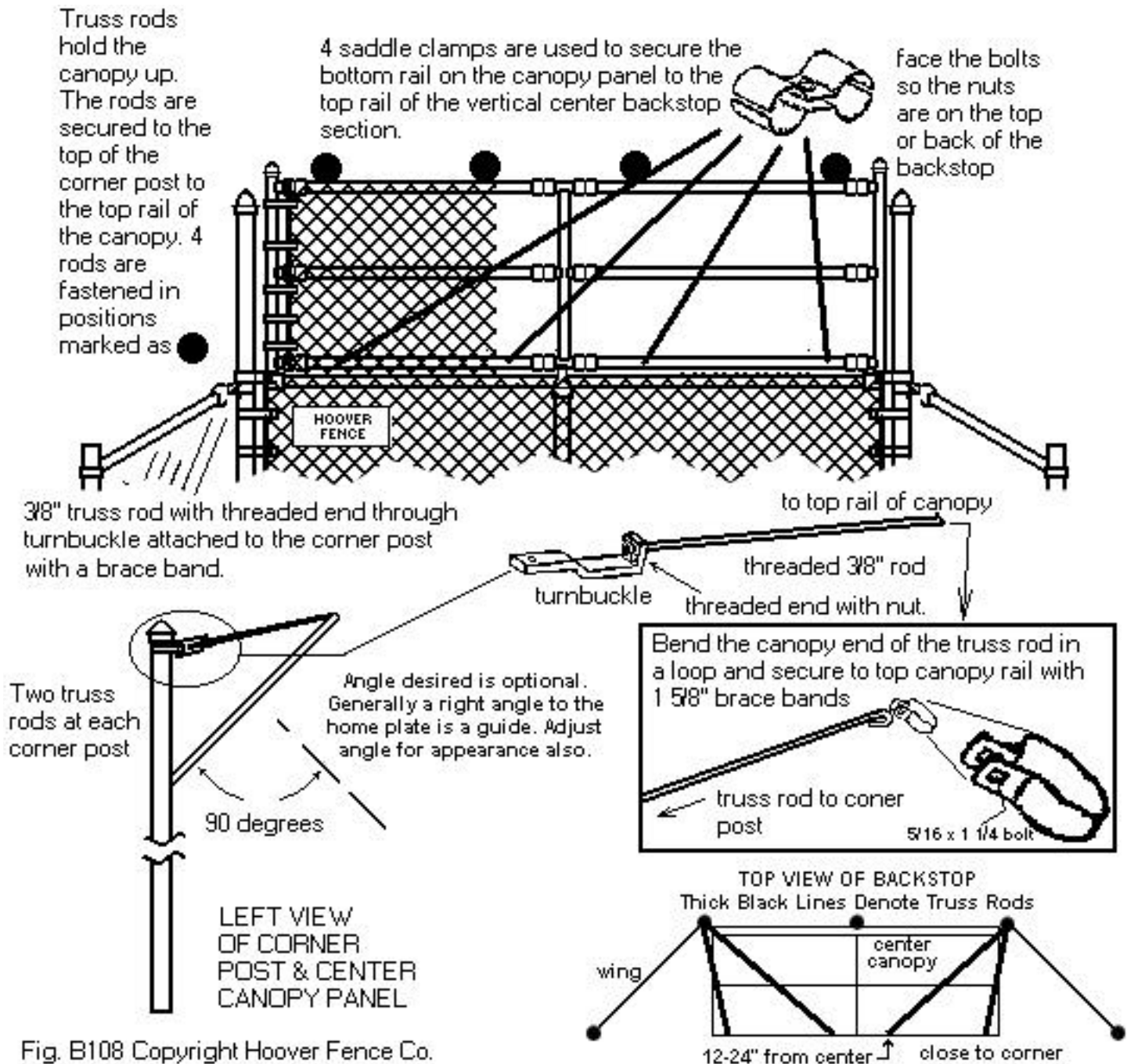


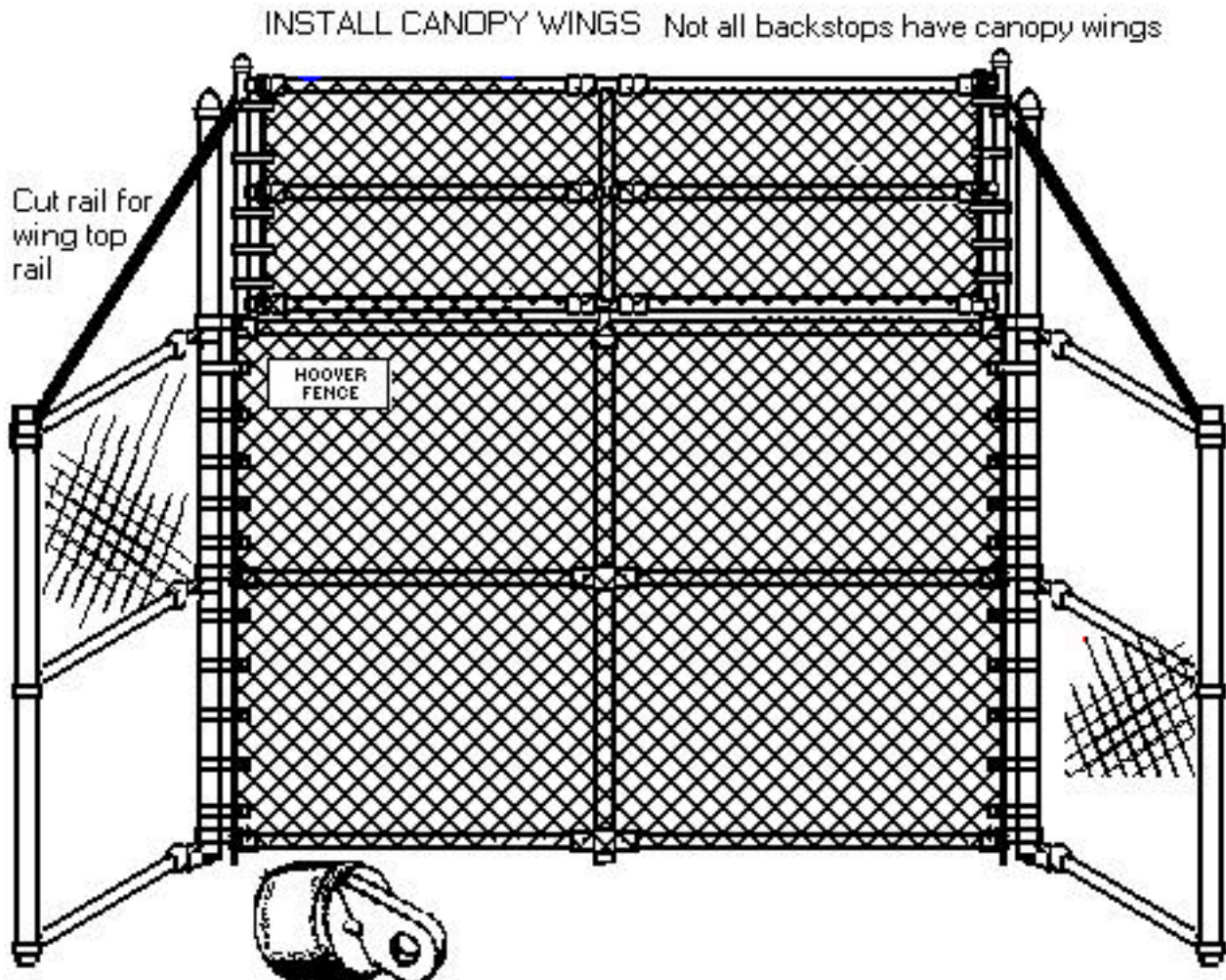
Fig. B108 Copyright Hoover Fence Co.

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Installing The Wing Canopies

Material:

- | | |
|---|---|
| 2 - 1-5/8" x 10'-6" HF40 | 40 - 1-5/8" aluminum tie wire |
| 4 - 1-5/8" steel rail end cup (two may be welded or screwed to the rails) | 4 - self- tap screw (two are in rail or rail is welded instead) |
| 14 - 5/16" x 1-1/4" carriage bolts and nuts | 10 - 1-5/8" tension band |
| | 2 - 6' tension bar |



A rail end cup is secured to one end of two different rails. These are the rails for the wings.

Use 1 5/8" brace bands to secure this rail cup to the vertical of the canopy panel as near the corner as possible

Place a 3" brace band and rail end cup on the wing post top and cut the rail to fit snug in the cup.

STRETCHING CHAIN LINK ON WINGS

The fabric is stretched on the front of the wing. Use tension bands and bolts with a tension bar to make the first hookup to the canopy center panel. Pull fabric hand tight and cut the other two sides as needed to fit the triangular shaped wings. Knuckle the cuts and secure the fabric to the wings with tie wires. Space them about 6" apart.

Fig. B109 Copyright Hoover Fence Co.