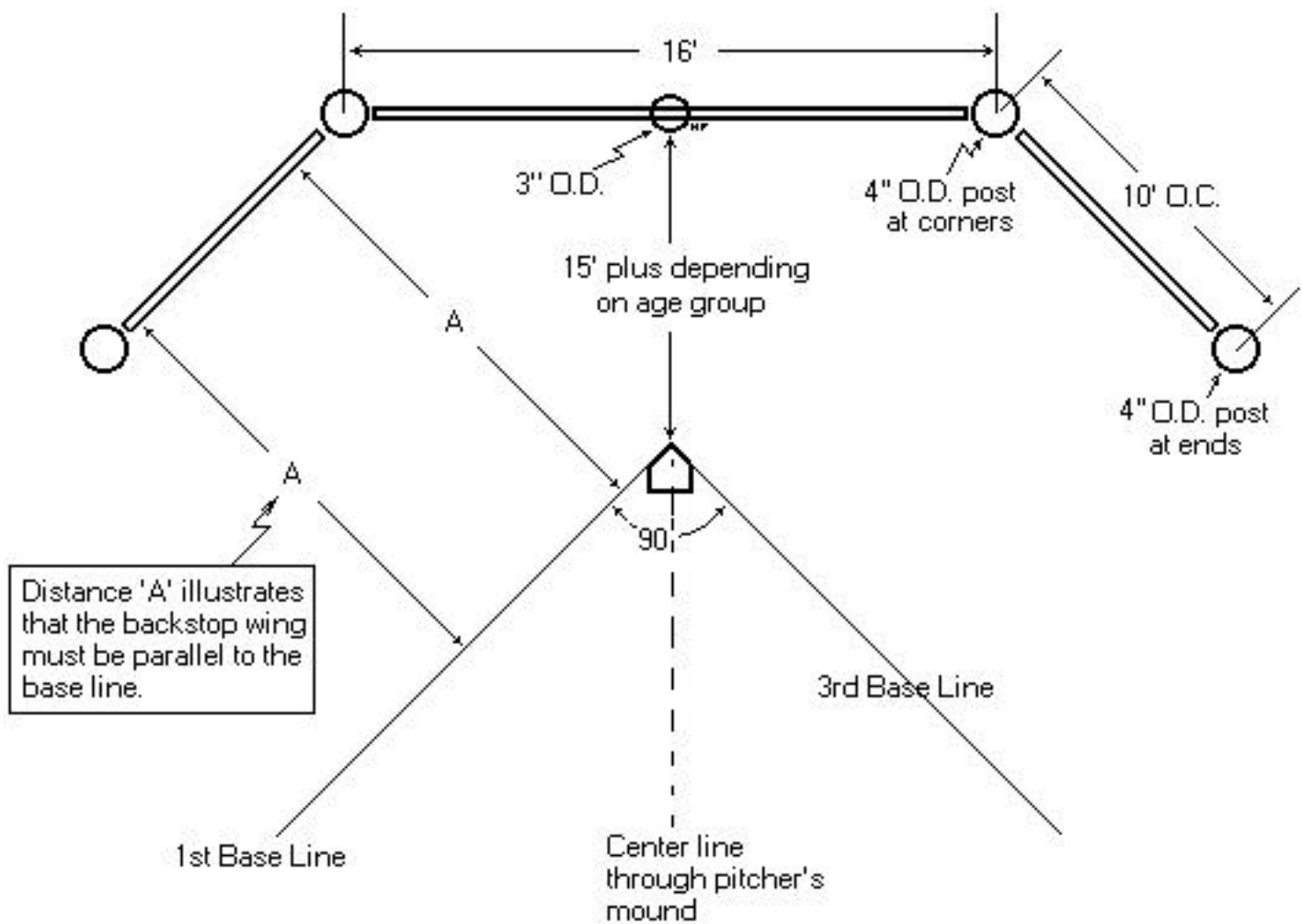




Style C24 Baseball Backstop Installation Manual

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. B200
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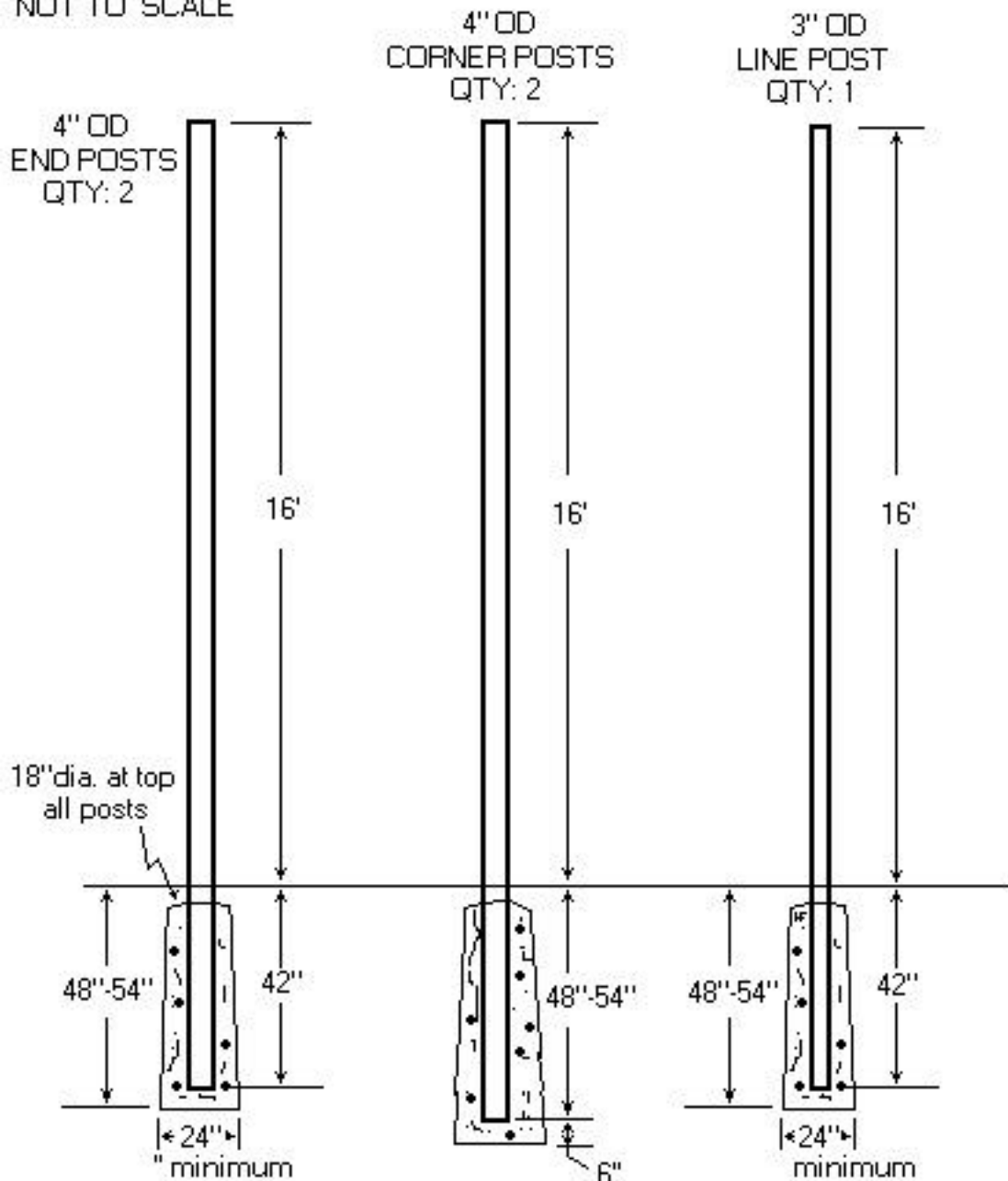
Post Grades and Footers

Materials:

- 2 - 4" O.D. x 21' HF40 corner post
- 2 - 4" O.D. x 21' HF40 end post (wing posts)
- 1 - 3" O.D. x 21' HF40 line post (center post)

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. The kit comes with 21' posts; you will need to cut these.

NOT TO SCALE



FOOTER DETAIL

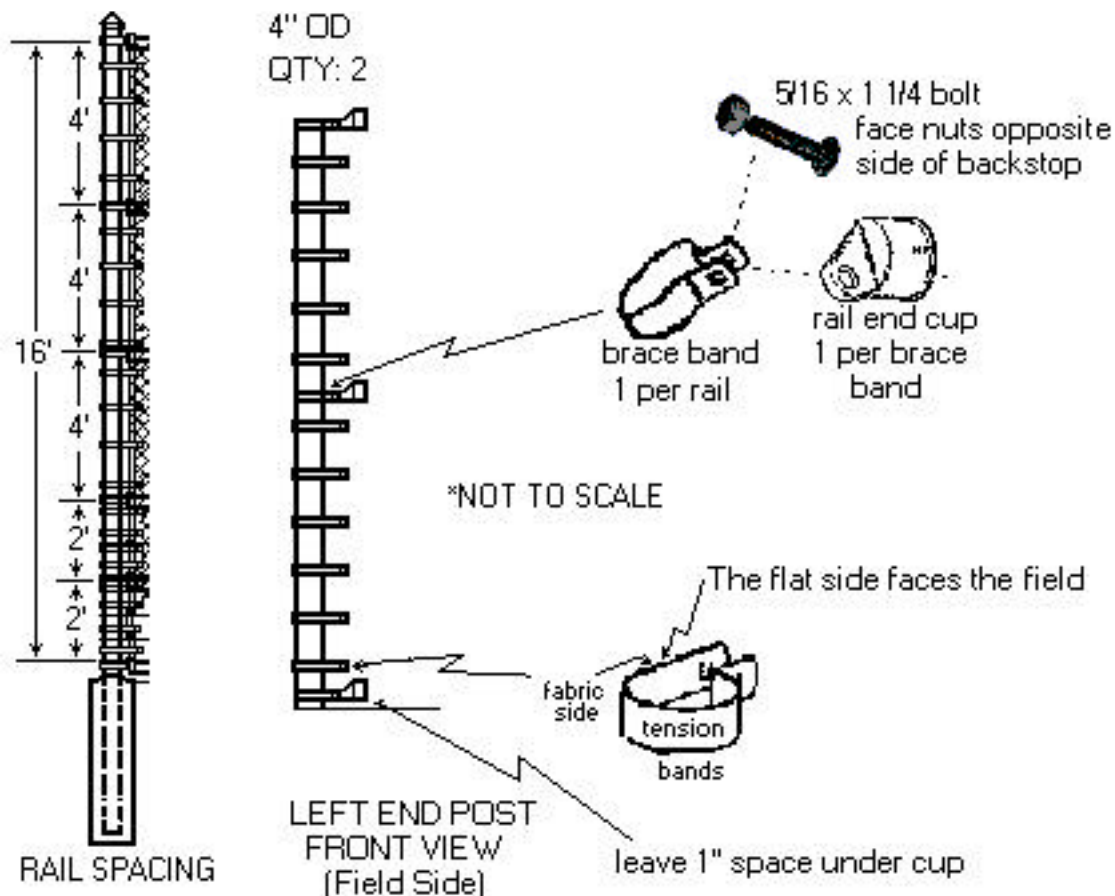
Fig. B202 Copyright Hoover Fence Co. 2000

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Installing Baseball Backstop Fittings

Material List For Each Hookup Kit:

- Number of Hookup Kits: 6
- 15 - 4" tension bands
- 6 - 4" brace bands
- 6 - steel rail end cups
- 21 - 5/16 x 1 1/4 carriage bolts and nuts
- 2 - 8' 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 B 203 Copyright Hoover Fence Co, 2000

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Install Line Post Fittings

Fittings for Line Post:

- 6 - 3" x 1 5/8" galv. boulevards
- 12 - 3/8" x 3 1/2" galv. carriage bolts and nuts
- 1 - 3" P.S. post cap
- 15 - 3" aluminum tie wires (used to tie fabric to 3" O.D. line post)

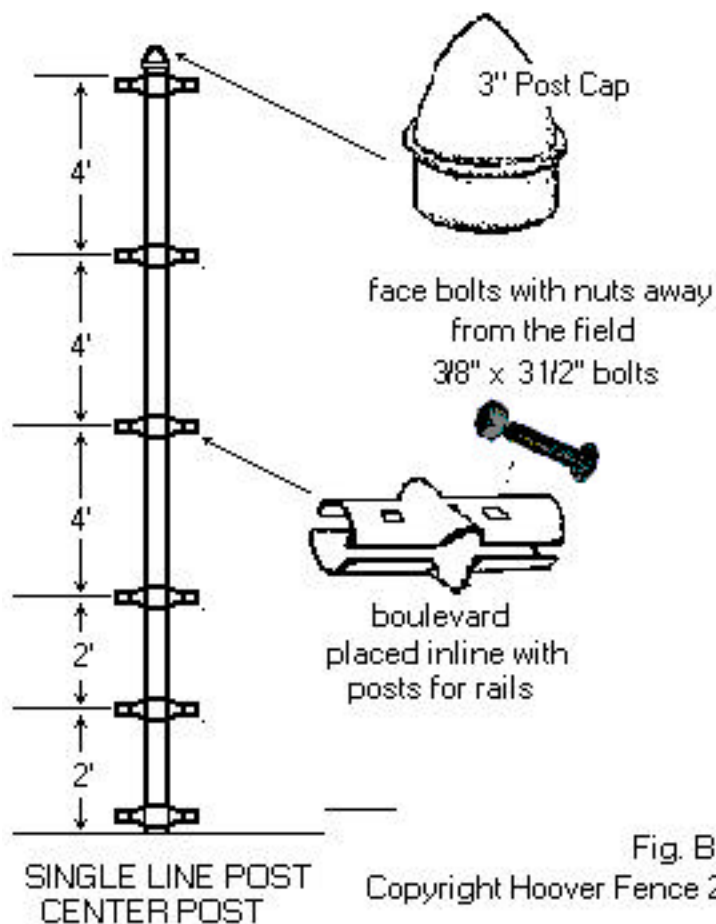


Fig. B 204

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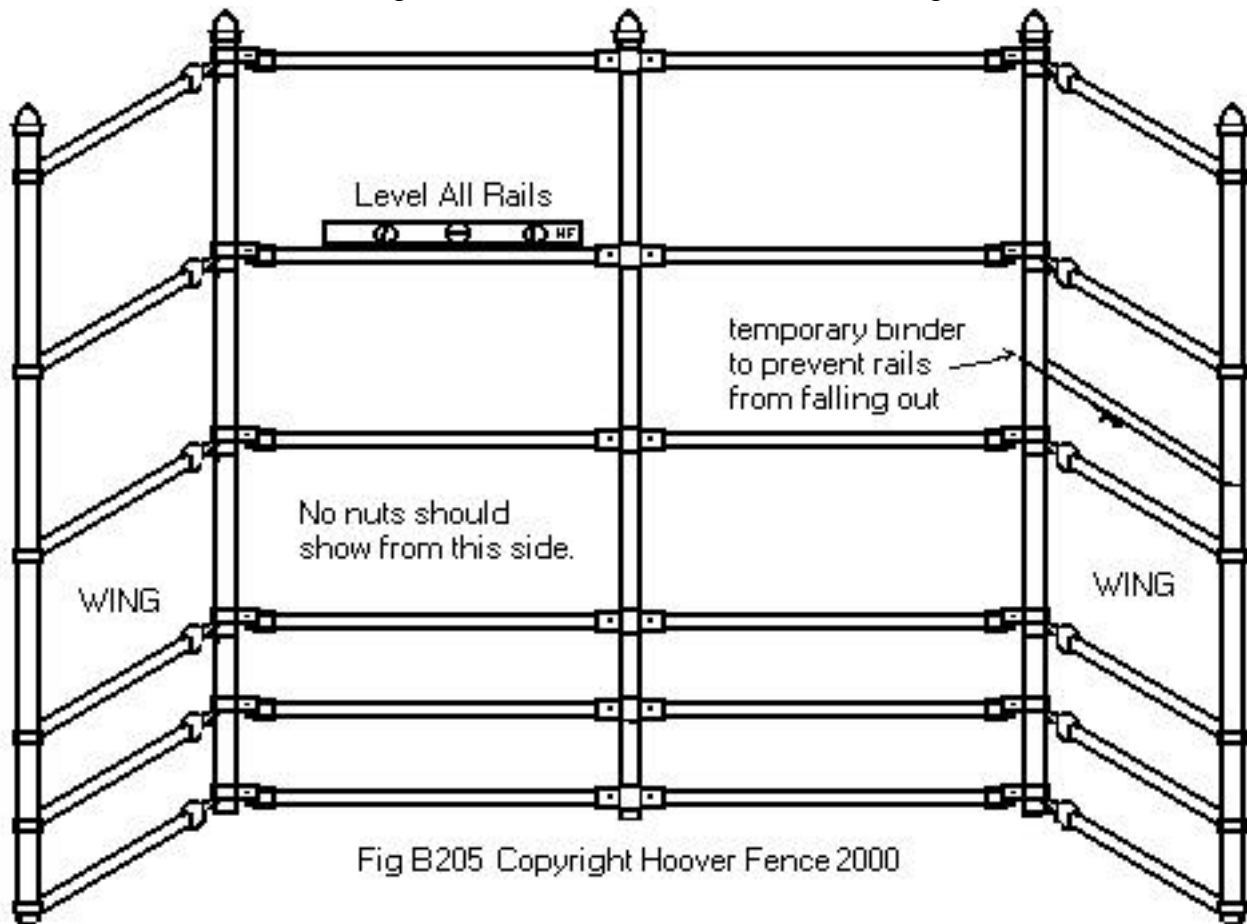
Install the Baseball Backstop Horizontal Rails

Material List:

6 - 1 5/8" x 21' HF40 rail

4 - 1 5/8" x 24' HF40 rail

*24' rail lengths should be used for the center portion;
21' lengths of rail should be used for the wings.



INSTALL RAILS

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. Cut all rails so they fit snugly all the way into the rail end cups and boulevards. 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 are not shown)

WARNING: It is not advised to leave backstop at this stage of assembly due to loose rails. Temporary binders should be used to hold rails in place or the chain link should be stretched.

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Stretching the Baseball Backstop (bottom portion)

Material For Bottom Portion:

36' - 2 x 9 x 96 chain link
125 - 1 5/8" aluminum tie wires

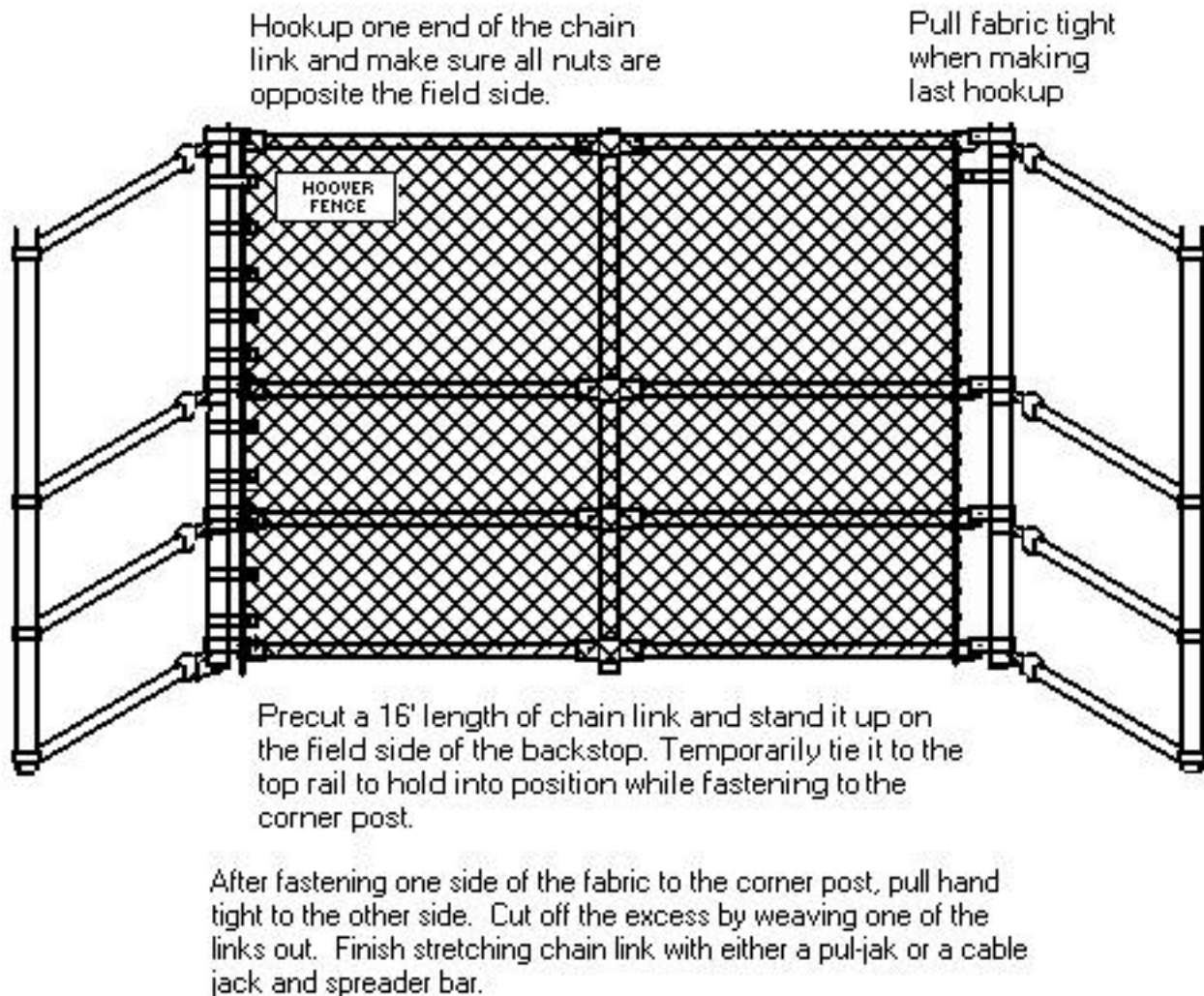


Fig. B 206

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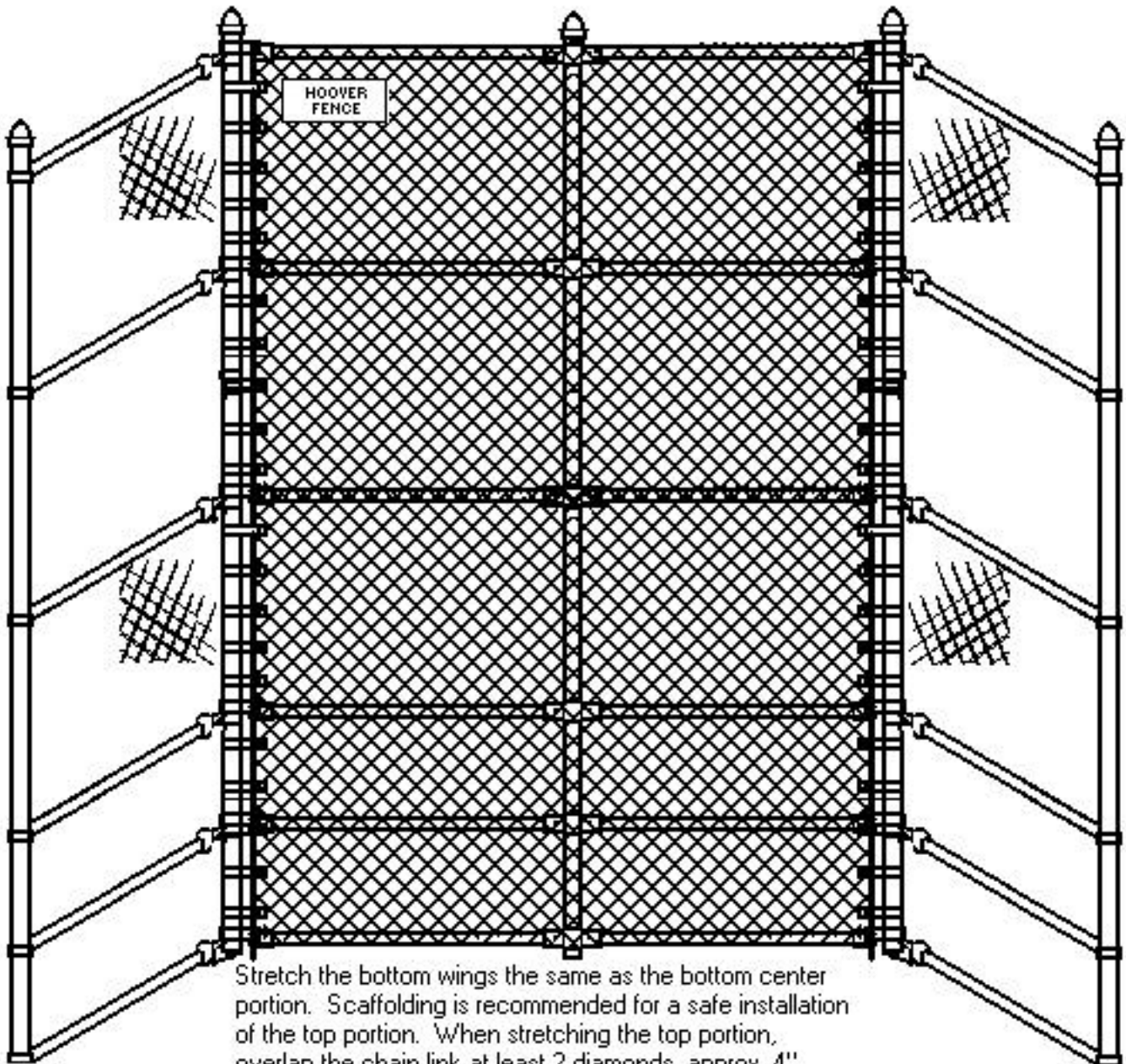
Installing the Chain Link Fabric (top portion)

Material For Top Portion:

36' - 2 x 9 x 96 chain link

125 - 1 5/8" aluminum tie wires

*Please note scaffolding is recommended for a safe installation of the top portion of the baseball backstop.



Stretch the bottom wings the same as the bottom center portion. Scaffolding is recommended for a safe installation of the top portion. When stretching the top portion, overlap the chain link at least 2 diamonds, approx. 4". Secure with tie wires.

Fig. B 207

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