Caterpillar Hoop House Kit
16' x 24' Assembly Instructions
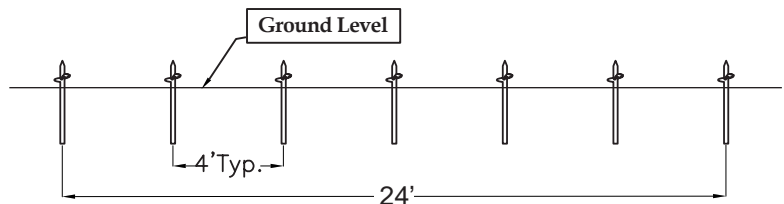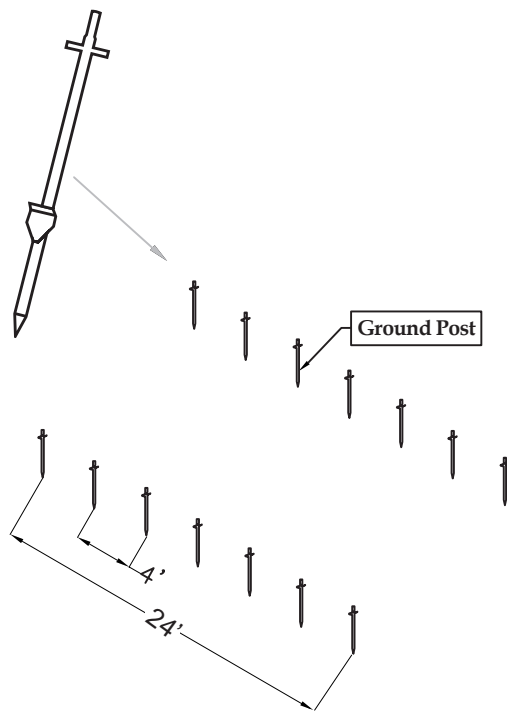
GREENHOUSE MEGASTORE

Step #1

- Assemble swaged arch to non-swaged arch
- Have two tech screws ready, to tie the arches together
- Measure the arch length to 16"
- Drill the tech screws into the swaged connection.

While it's not essential, drilling a pilot hole will help the tech screw go in straight. This pre-drilling will ensure easier entry and the thread isn't damaged.

Swaged Arch

Swaged Arch

Tech Screw

16'
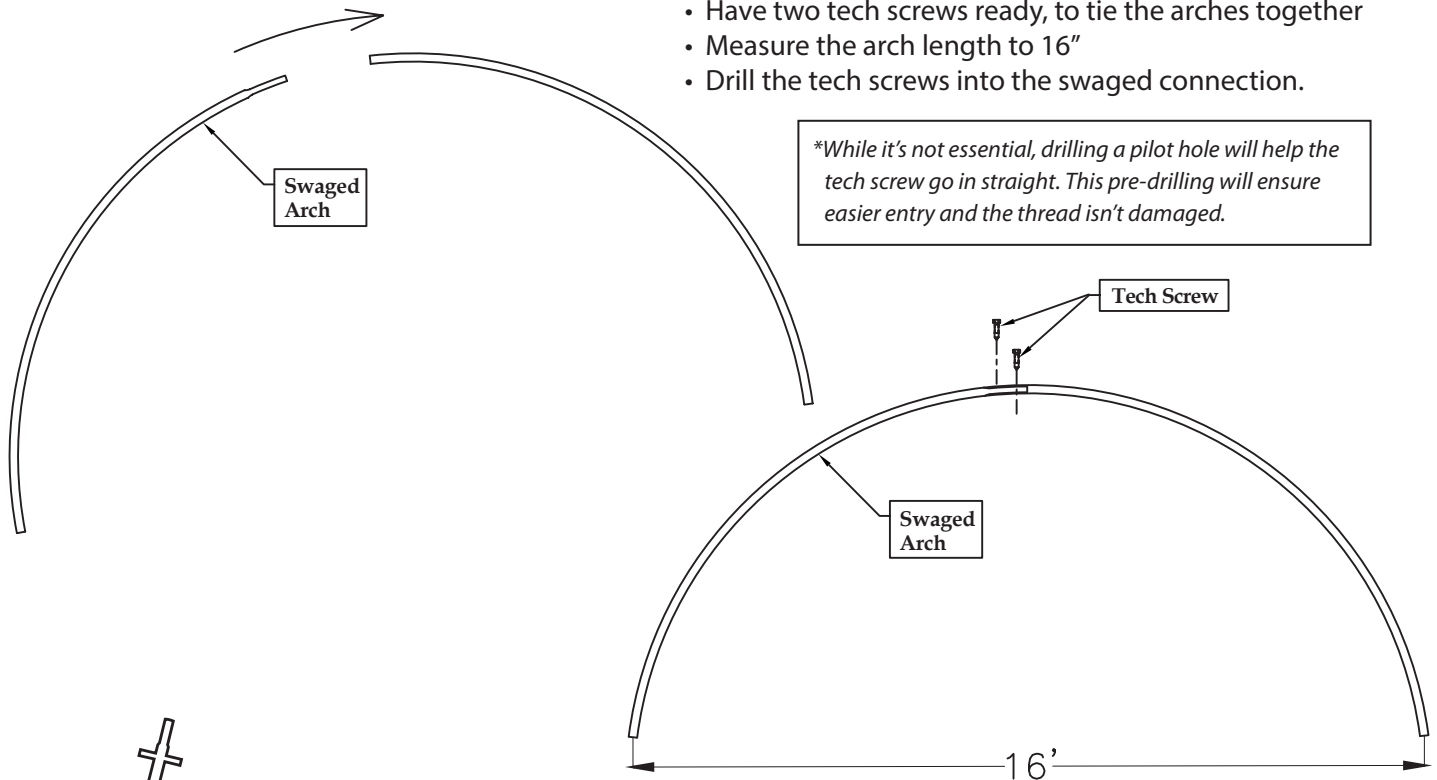
Ground Post

Step #2

- Layout the 16' x 24' area to place your hoop house
- Ground posts should be in a row 4' apart
- Each row of posts should be 16' apart to connect hoops
- Drive the ground posts to ground-level mark
  (keep the crossbar slightly above ground for later rope installation)

4'

24'

Ground Level

4' Typ.
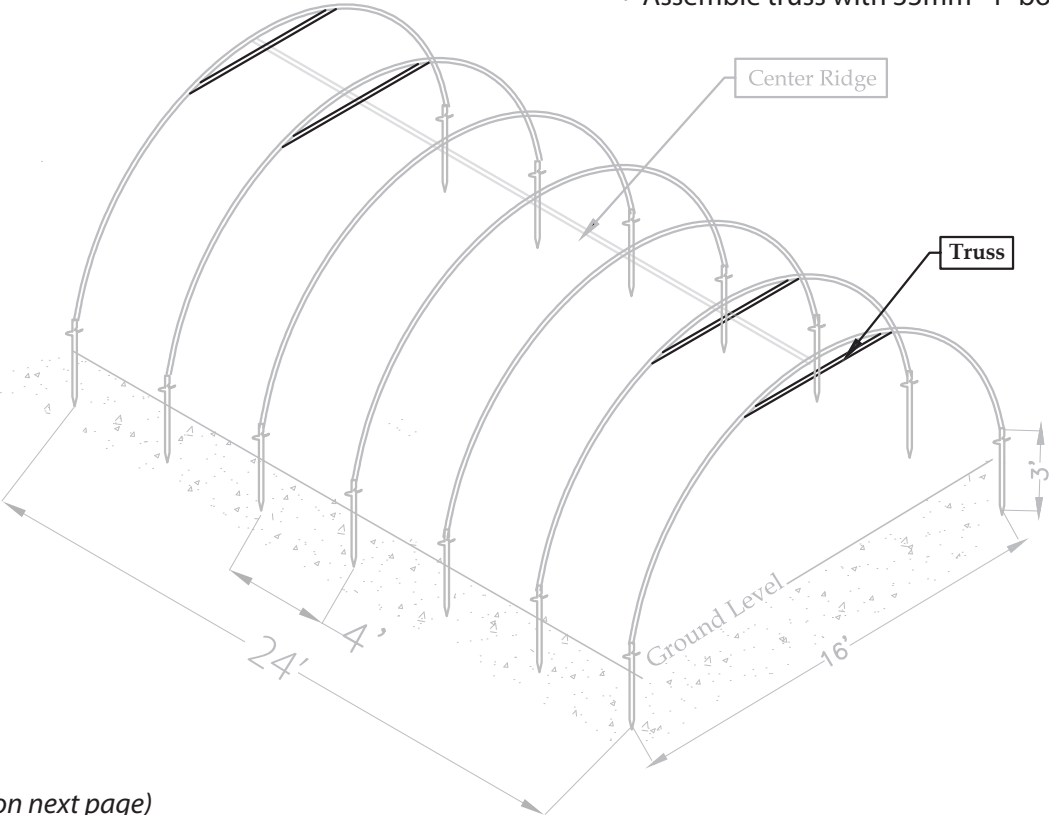
24'

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Purlin Clamp

Step #3

- Assemble center ridge with purlin clamp.

Center Ridge
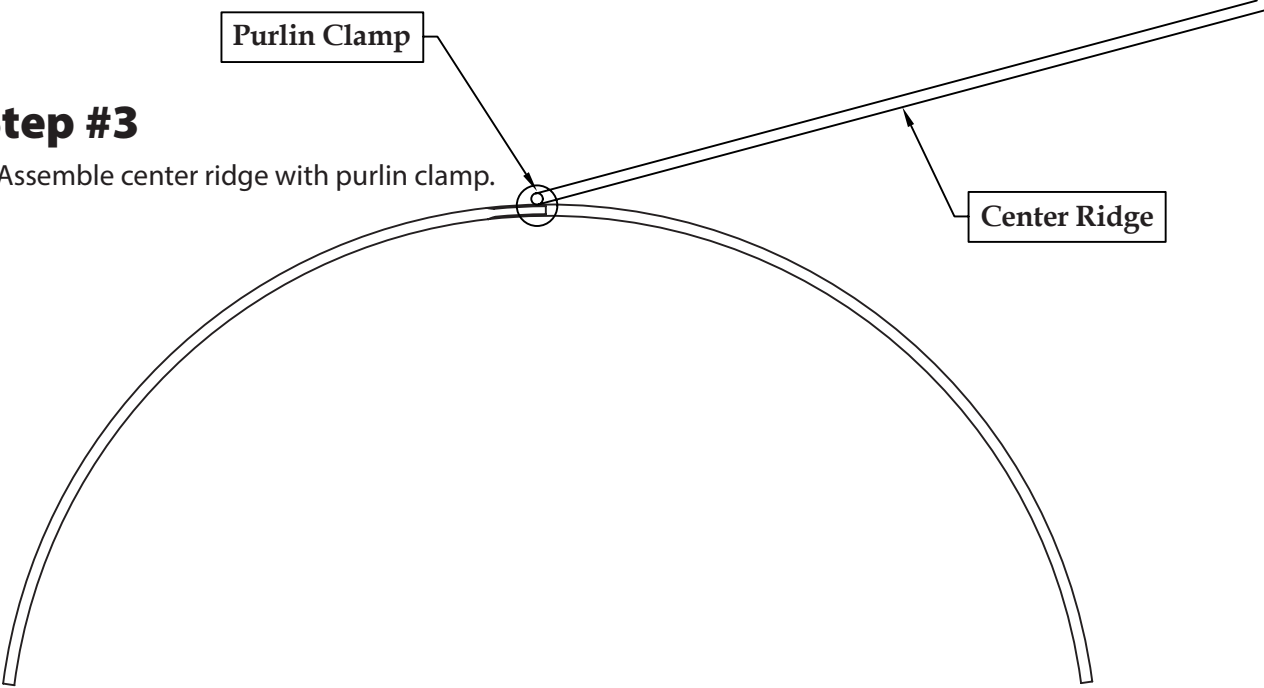
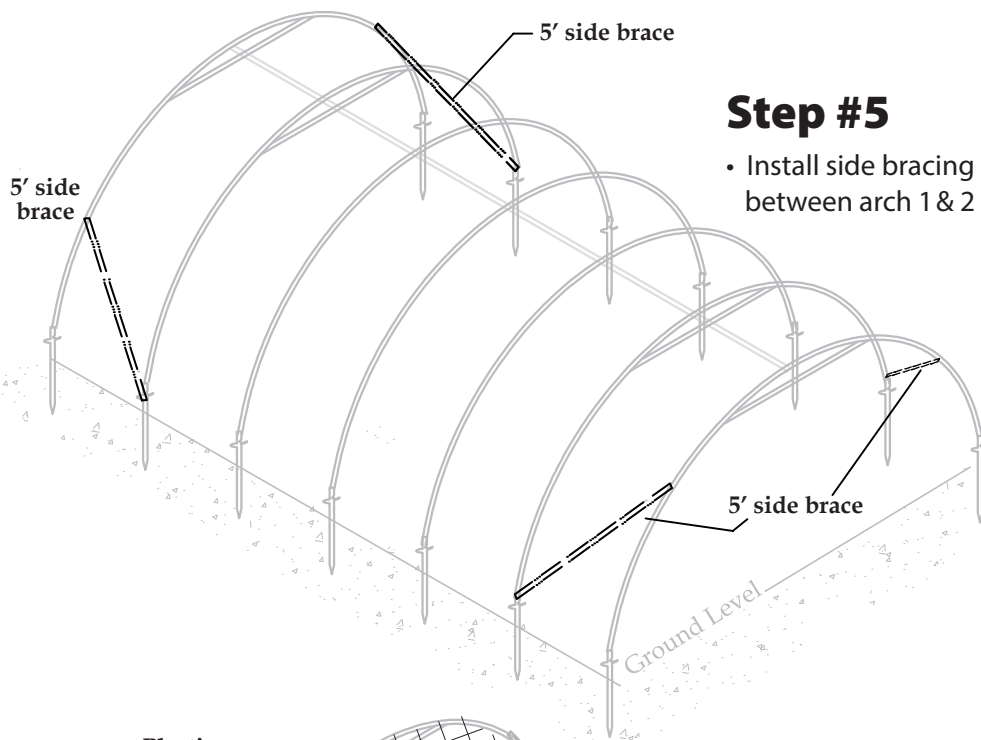## Step #4

- Install truss under first and second truss at each end (as shown)
- Assemble truss with 33mm~1" bolt clamp

Center Ridge
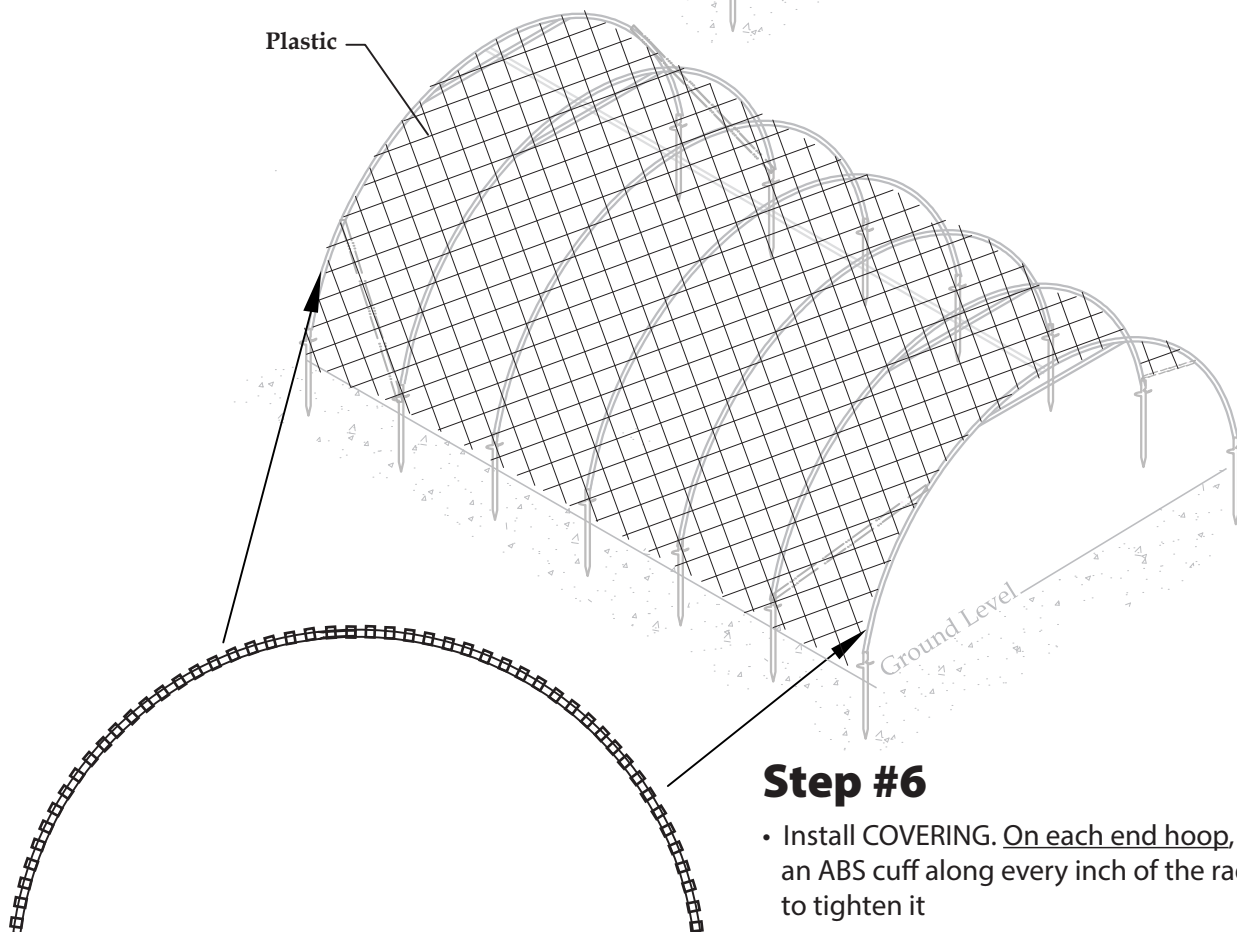
Truss

3'

Ground Level

24'   4'   16'

5' side brace

5' side brace

5' side brace

Ground Level

Step #5

• Install side bracing (as shown) between arch 1 & 2

Plastic

Ground Level

Step #6

• Install COVERING. <u>On each end hoop</u>, use an ABS cuff along every inch of the radius to tighten it

(continue on next page)

Step #7

- Install rope over the COVERING. Tighten rope (as shown), hooking it over the cross at the top of each stake at ground level, zig-zagging one way, then repeating the other way to form a criss-cross pattern between each hoop

Covering

Rope

Ground Level

- Finished rope between each hoop