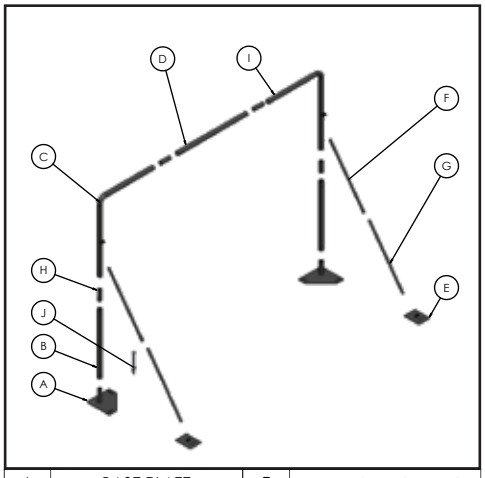
INSTALLATION INSTRUCTIONS FOR IRON HORSE

Photo1 - Tilt base to remove sod

1) Stake down base plates

Layout rectangle (batting cage footprint) with stakes and strings. See "layout drawing" on page 3. Use stakes and string to create a rectangle as shown in drawing. This will give you the correct location for the framework. Put the baseplates (A) in the corners and remove sod under them. (If going over sod)
Tilt base plates away from each other so the post is parallel to the ground to prepare for assembly. See photo 1 (left).



A	BASE PLATE	F	UPPER SUPPORT LEG
B	LOWER LEG	G	LOWER SUPPORT LEG
C	TOP LEFT ELBOW	H	SUPPORT SLEEVE
D	MIDDLE CROSS	I	TOP RIGHT ELBOW
E	SUPPORT BASE	J	GROUND STAKES

2) Assemble the Frame

-Slide 62" straight pipe (B) over the base plate post, making sure that the welded nuts are pointing to the sky.
-Take the 12" sleeve (H) and put a piece of tape in the middle of it, at the six inch point, then slide the sleeve to your mark, (halfway) into the straight pipe and tighten the set screw.
-Take the 90 degree pipe (C) and slide it on the sleeve, making sure that the welded nut and the welded tabs are facing sky. Align set screw nuts and loosely snug up the top set screw.
-Repeat for the other end of the frame.
-Slide sleeve (H) with a center mark halfway in the 90 degree pipe and tighten set screws firmly.
-repeat on the other side.
-Slide 72" (for 14' wide net) or 48" (for 12' wide net) straight pipe (D) over the one sleeve and then the other. Make sure everything lines up, the welded nuts to the sky, all pipe together tightly.
-Finish tightening ALL set screws.

3) Assemble The Hardware

Create eye bolts by putting the thimble eye nuts on the threaded rod then tightening a nut against it so it does not spin. Put this long eye bolt thru the top bar with maximum threads toward the inside of the cage, put a washer and a nut on the backside of the top bar so when that nut is tightened it pulls the long eye bolt through the bar tensioning the cable.

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Photo 3

Photo 4- Standing up the end frame

Photo 4- Standing up the end frame

Photo 5- Attach carabiners onto cables

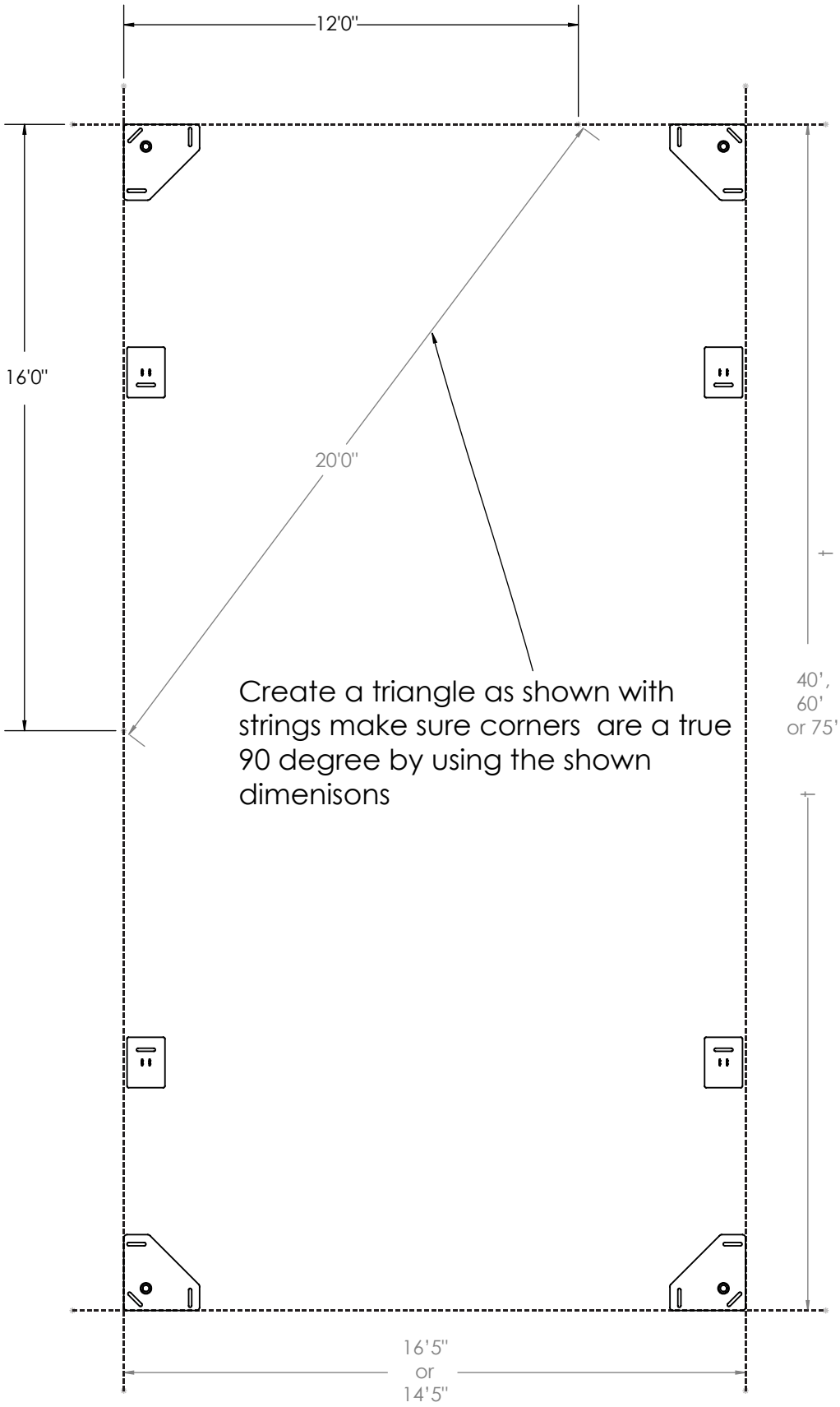
4) Install The Hardware

-Put the eyebolts in the horizontal pipe and elbows for a total of three (3) bolt asssemblies. Make sure that maximum threads are towards the center of the cage as these are how the cables get tensioned. (See photo 3)
-With two people on each vertical pole stand up the end frame and attach to the ground in the correct location. (See photo 4)
-Attach the diagonals. (F, G & E)
-Using the diagonals, plumb the vertical poles, and then fasten the diagonals to the ground. (Photo 5)
-Repeat to assemble the other end frame, put in eye bolts so the cable can be tensioned.
-With both eye bolts having maximum threads towards the center of the cage, loop the cable thru the eye and fasten it to itself with three cable clamps, go to the other end and do the same thing, tightening the cable as tight as is easily done.
-Turn the nut on the back side of the long eyebolt to tighten the cable, taking care to be fairly consistent between the three runs so you don't put undue twist on the end frame.
-Do not overtighten the cables, keep eyes on the end frames to be certain nothing is moving that shouldn't be.

5) Installing the Net

Once the cables are up, spread the net out under them making sure that the door is on the end that you want it on.
-Take the carabiners and put them on the top, long dimension ropes of the batting cage (about every 2.5 or 3 feet apart). Lift netting up and snap the carabiners on to the cables. (Photo 5)
-Center and pull the net end for end until it is located where you want it and then tie the ropes on the ends to the bars so it does not slide back and forth.

IRON HORSE LAYOUT DRAWING



GUIDELINES FOR THE SAFE ENJOYMENT OF YOUR BATTING CAGE

Hitting in a batting cage involves a degree of risk; here are our suggestions to minimize that risk:

1) Make sure the netting moves freely for maximum wear and ball control. Don't secure the bottom rope or tie the bottom down in any way. It needs to be able to move in order for the netting to absorb the speed of the ball.

2) Make sure the netting doesn't contact anything solid, such as a wall or chain link fence.

3) Always keep spectators behind the hitter, and a safe distance from the net.

4) Inspect netting regularly for any area where a ball might go through. Netting is subject to wear, and this wear rate is completely subject to the following factors:

AMOUNT OF USE. More use equals faster wear.

WEATHER CONDITIONS. The more sun, the shorter the lifespan. High winds will present side loads on the netting and thus the frame, much like a sail on a boat. If the weather prediction is for strong winds, we recommend taking down the netting.

NETTING TENSION. We recommend hanging netting loosely. The tighter the net, the faster it will wear out.

5) If the netting is worn or damaged, stop using it until it is replaced or repaired.

6) Using the batting cage under the influence of any mind altering substance increases the risk of injury.

7) Always use protective gear such as L-screens and helmets inside a batting cage.

IRON HORSE CONCRETE INSTRUCTIONS

1. Follow the layout instructions to locate the four corner base plates.
2. Excavate a hole 2 feet by 2 feet by 3 feet deep, or deeper if you are in an area with frost heave issues, where you want the base plates to be.
3. Pour concrete in the hole, and using the base plate for a template, put in the J bolts so you can bolt down the base plate. (Some people have made templates of the base plates to make it easier)
4. When the concrete is cured install the base plates as per the instructions, then bolt them down. Don't tension the cables until the concrete has had adequate time to cure.
5. If you want to put concrete under the diagonal support bases locate where they need to be and dig holes 1 foot by 1 foot by 3 feet deep, or deeper if you are in an area with frost heave issues.
6. Pour concrete in the hole, using the diagonal support bases for a template, put in the J bolts making sure that when all is done the frame is plumb.
7. When the concrete is cured, plumb the frame, then bolt them down.