

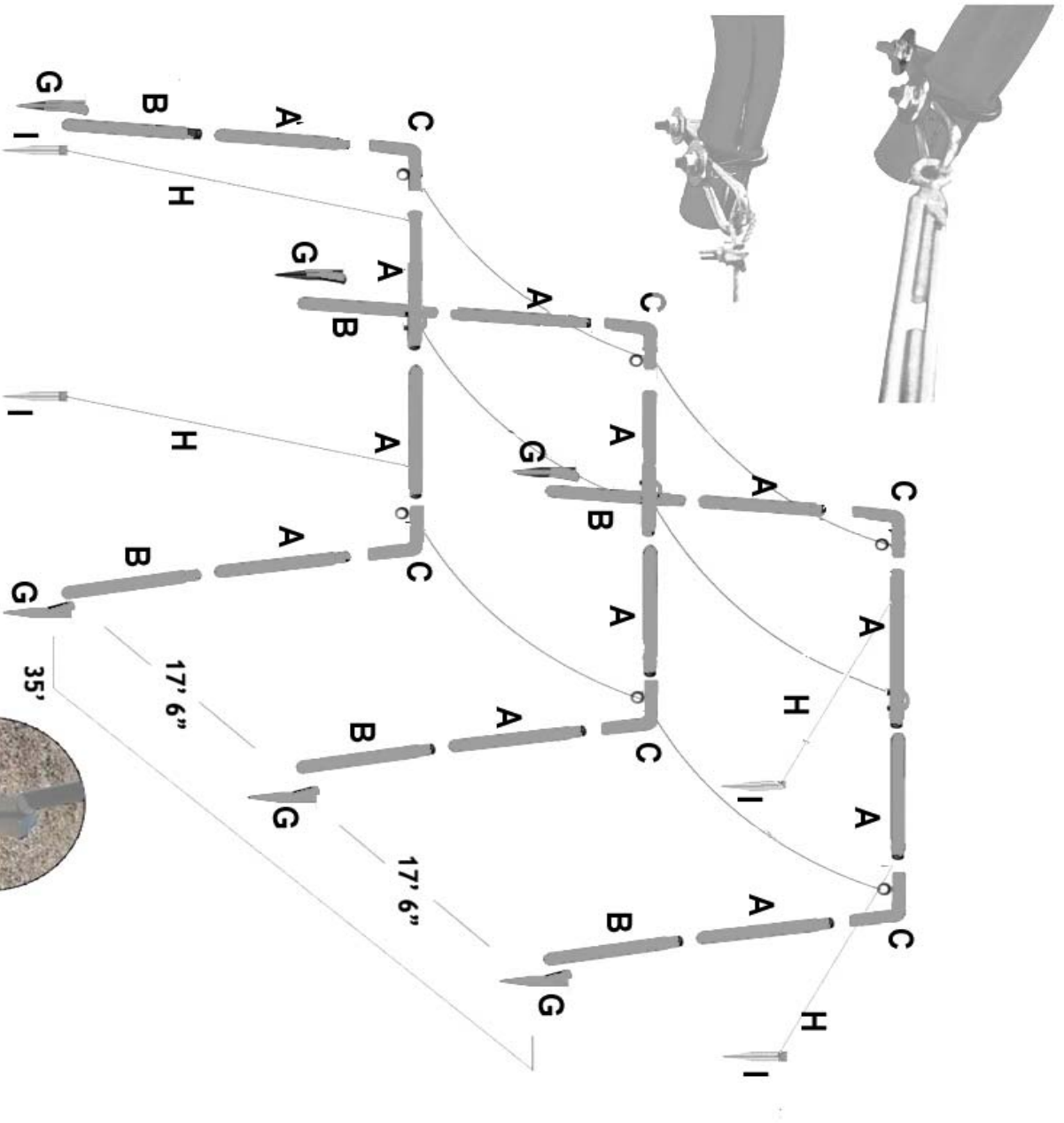
## Directions for the 35x12x11 Jr Batting cage

### Part 35' Frame

A	12	6ft pipe with swedge at one end and a push pin
B	6	5ft pipe with swedge at one end and a push pin
C	6	Arch corner
D	6	17.5' Cables with small U-bolts and turnbuckles
E	3	U-bolt assemblies, with washers attached, for attaching steel cables to frame
F	25	Net hangers
G	6	Arch stakes w/pipe welded on
H	4	Tie-down end ropes
I	4	Stakes for tie-down end ropes
J	18	Eye Bolts for arch stakes and corners

### Assemble the Residential Frame as per the drawings

- 1 Assemble the six (6) arch legs by inserting one Part B into one Part A to form each Leg, (Part BA).
- 2 Make the horizontal cross members of each arch by assembling Part A, to Part A (Part AA).
- 3 Assemble the three (3) arches by attaching one leg (BA) to one corner (C), then attach the arch's top (AA), then attach the second corner (C) and then add the other leg (BA) to form a full arch.
- 4 With the arches laying on the ground, screw in one (1) Eye Bolt at each joint, where the pipe goes into the arch corners if it has a swedge end just insert it into the arch corner as far as it can go in and tighten the eye bolt down to the pipe, if it has just a straight end with no swedge there is going to be a hole in the end of the pipe, do not line that hole up with the eye bolt when you tighten the eye bolt down to the pipe it will not hold anything in place. The purpose of that hole is for the swedge part of that pole goes into it.
- 5 Move the arches so that they are all laying in the direction of the net and are laying about 5' apart;
- 6 While the arches are still on the ground, measure about 6' from one of the rings on the arch corner (C) to the middle of the horizontal (AA) poles of the arch and that is where you are going to put your U-bolt (E) for the one end of the cable that goes from arch to arch. ( You can make a mark for the U-bolt and put it on later or go ahead and put the U-bolt in place and tighten to the poles). Make sure you have the thread part of the U-bolt facing the ground.
- 7 Measure the cable assemblies and make sure they are all the same length. If not, adjust them. The cable assemblies should be about 17-1/2 ft long;
- 8 Attach three sets of cable assemblies between each two arches. Start at one End Arch and put one end of the cable around the ring on the arch corner (C) then run the other end of the cable to the next arch corners (C) ring, do the same to the next cable, run it from that last ring to the next ring. Do the same thing to the other side of the arch corners with the rings. For the U-bolts that you attached to the middle start with the first arch and take off the inner nut and washer and put one end of the cable around the thread part of the U-bolt, then place the washer and the nut back on and tighten the U-bolt to the pole and run the cable to the next U-bolt and do the same thing to the next threaded part of the U-bolt (ect.). The cables are for hanging your batting cage.
- 9 Tie two of the End Ropes (H) to the arch corners on both of the two end arches; You don't have to tie the end ropes to the eye bolts or the rings on the arch corners. You want to tie them to the horizontal (AA) poles on the end arch's.
- 10 Have one or two people stand up the first End Arch, put the two stakes for the end ropes ( Part I ) into the ground about 15 feet behind the arch. and attach the End Ropes to the stakes to hold the arch in place; Stand up the second arch, with the cables attached to the arches, and proceed to stand up each sequential arch until all the arches are standing with the cables in place.
- 11 With the last arch being held by someone, insert the stakes for the end ropes for securing the final End Arch, and tie the End Ropes to the stakes making the cables taut.
- 12 Adjust each of the arch's legs, so that the arches are straight.
- 13 Move the bottom of the leg of each end arch, one at a time, and put a stake, with a pipe attached, into the ground and then insert each arch pole leg into the pipe part of the stake and tighten down with the eye bolt.
- 14 Attach the net hanger (Part F) to the batting cage net, about four feet apart, on the three top net ropes. Make sure you attach them to the Net and the Rope together. Otherwise the rope will pull through the net;
- 15 Attach the carabiners of the net hanger to the cables along one **side** of the frame, then the **middle**, and then the other side.
- 16 You can attach the three tails, on the top of the net, to the top of the end arches. Tighten loosely. Tie the bottom tails to the frame poles to prevent the wind from blowing the net inward.
- 17 Play ball!!



# Directions for the 48' Junior Batting Cage & Frame

<b>Parts</b>	<b>Qty</b>	<b>Part Description</b>
	<b>1</b>	<b>8</b> Pipe with no swedge (2 per horizontal arch)
	<b>2</b>	<b>4</b> Pipe with swedge at both ends and a ring welded in the middle (middle of horizontal arch)
	<b>3</b>	<b>16</b> Pipe with swedge at one end (2 for each arch leg)
	<b>4</b>	<b>8</b> Bent pipe for arch feet
<b>Arch Corners</b>	<b>8</b>	Upper corners of the arch (with rings)
<b>Pipe Stakes</b>	<b>8</b>	Stakes, with pipe welded on, to hold the arches in place
<b>Cables</b>	<b>9</b>	15' long cable assemblies with small U-bolts, turnbuckles, and D-Hooks
<b>End Ropes</b>	<b>6</b>	Ropes to hold end of frame in place
<b>End Stakes</b>	<b>6</b>	Stakes to tie the end ropes to
<b>Hangers</b>	<b>42</b>	Batting cage hangers
<b>Eyebolts</b>	<b>24</b>	Eyebolts for arches and pipe stakes (additional eyebolts included)

## Assembling the Frame

- 1 Assemble the arch legs by attaching two Part #3's to one Part #4 (Part 3-3-4)
- 2 Assemble arch horizontal top by attaching Part #1 to Part #2 to Part #1 (Part 1-2-1)
- 3 Attach arch corners to the legs (Parts 3-3-4) and to the horizontal top (Part 1-2-1). Make sure that the rings on the corners and the ring on Part #2 will be facing the ground when the arch is standing upright.
- 4 Complete the assembly of the remaining arches the same as the first arch.
- 5 Tie three of the End Ropes to the rings on Part 1-2-1 on the two end arches.
- 6 Lay out three cable assemblies between each of the arches. Take the D-clips off of the two outside cable ends and adjust them to be all the same length as the middle cable (with the D-Clip still on it).
- 7 Hook the D-Clip on one end of the cable to the corner ring on the end arch and attach the other end with the D-Clip to the second arch's corner ring. Continue the same procedure for the rest of the rings and leave the arches on the ground with the top of each subsequent arch facing away from the first arch.
- 8 Have one or two people stand up the first end arch and then insert the three End Rope stakes into the ground and tie the end ropes to the stakes so that the arch is vertical.
- 9 Stand up each sequential arch until all four of the arches are standing. Make sure the cables are taut and the arch locations are satisfactory to you.
- 10 Move each arch foot about 6 inches and insert the Pipe Stakes into the ground and then insert the arch pole into the pipe stake and tighten the pole in place with the provided eyebolts.

## Hanging the Batting Cage Net

- 11 Attach the batting cage hangers around the top ropes of the net and the netting together, about 4 ft apart.
- 12 Lift up one side of the net and attach all the hangers to the cable on that side of the frame. Then attach the hangers on the middle rope to the middle cable; and lastly attach the hangers to the other side cable.
- 13 Tie the top net ropes to the horizontal part of the frame and the bottom net ropes to the arch feet.

