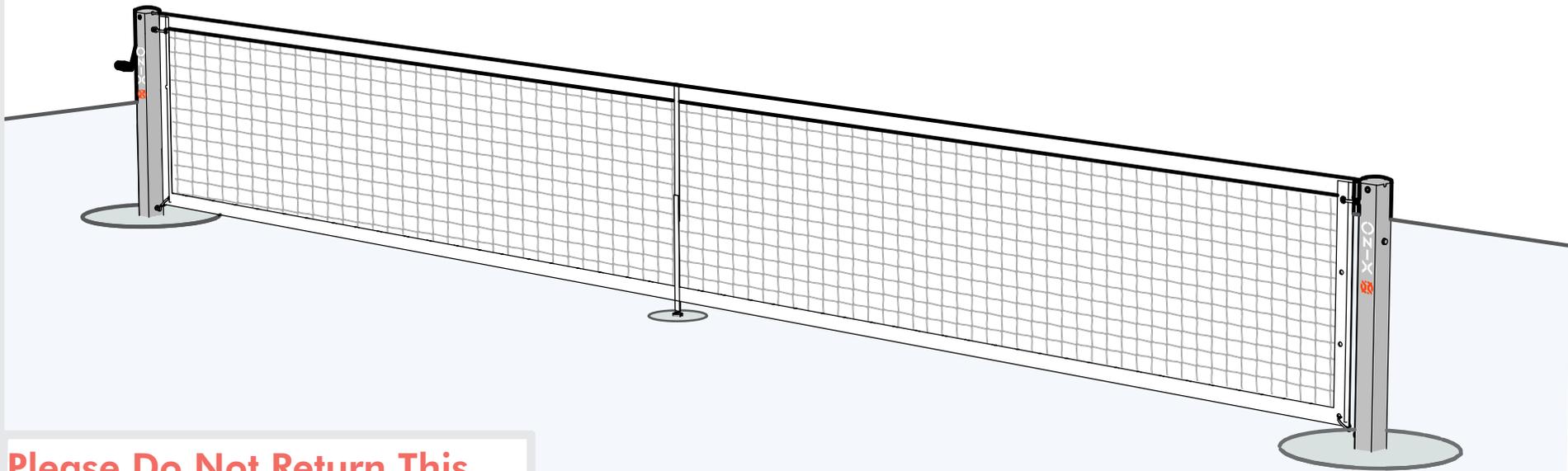




ONIX®

INGROUND  
PICKLEBALL  
NET

MODEL NO.  
KZ3100-IGNET



**Please Do Not Return This Product to the Store!**

Contact Escalade® Sports customer service department at:  
Phone: 1-866-467-8973  
Fax: 1-866-873-3536  
E-mail: [customerservice@escaladesports.com](mailto:customerservice@escaladesports.com)

# SAFETY INSTRUCTIONS

## **WARNING**

**FAILURE TO FOLLOW THESE WARNINGS  
MAY RESULT IN SERIOUS INJURY AND/OR  
PROPERTY DAMAGE**

- Do not climb or play on net.
- When adjusting net or moving system, keep hands and fingers away from moving parts.
- During play, do not wear jewelry (rings, watches, necklaces, etc.). Objects may entangle in net.
- Check system before each use for loose hardware and instability. Repair before each use. Never play on damaged equipment.



[www.ONIXPICKLEBALL.com](http://www.ONIXPICKLEBALL.com)  
1-866-467-8973

4L-8949-00

## **WARNING**

**Before digging hole for the posts, check for buried power, gas, water, and telecommunication lines! Failure to do so could result in serious or fatal injury! Contact your local utility company if unsure.**

## **WARNING**

**Before digging the hole,**  
contact your local One-Call system  
(dial 811) in your area.



**Know what's below.  
Call before you dig.**

1-888-258-0808

### Utility Markings

Color	Definition
Red	Electric
Yellow	Gas, Oil, Petroleum
Orange	Communication, Phone, TV
Blue	Potable Water, Irrigation
Green/Brown	Sewer
White	Proposed Dig

---

## PRE - ASSEMBLY TIPS

---

1. Read this manual carefully before starting assembly. Read each step completely before beginning each step.
2. Some smaller parts may be shipped inside larger parts. Check inside all parts and cartons before assembling or ordering parts.
3. To make assembly easier, use the parts and hardware identifier on **pages 3&4** to identify and sort all parts and fasteners. Check all cartons for kits. All hardware may not be located in one kit.
4. Do not tighten the hardware until instructed to do so. If hardware is tightened too soon, mounting holes may not align, and parts may not easily fit together. Leave locknuts slightly loose until you are instructed to tighten them.
5. Save these instructions and your proof of purchase (receipt) if the manufacturer has to be contacted for replacement parts.

### **Tools required for digging the holes**

- 36- 80 lbs bags of concrete (2-3 Extra Recommended)
- 1- Post hole digger (optional)
- 1- Wheel barrow
- 1- Garden hose
- 1- Level
- 1- Tape Measure
- 12- 2X4's
- 4- 50 lbs sand bags
- 2- Standard concrete block

### **Tools required for assembly:**

- Allen Wrench - 6mm
- Allen Wrench - 3mm
- 2 - 17mm Wrenches and/or Socket Wrenches

**ESCALADE®**  
**S P O R T S**

### **Please Do Not Return This Product To The Store!**

Contact Escalade® Sports customer service department at:

Phone: 1-866-467-8973 Toll – Free !

Fax: 1-866-873-3536 Toll – Free !

E-mail: [customerservice@escaladesports.com](mailto:customerservice@escaladesports.com)

Escalade Sports

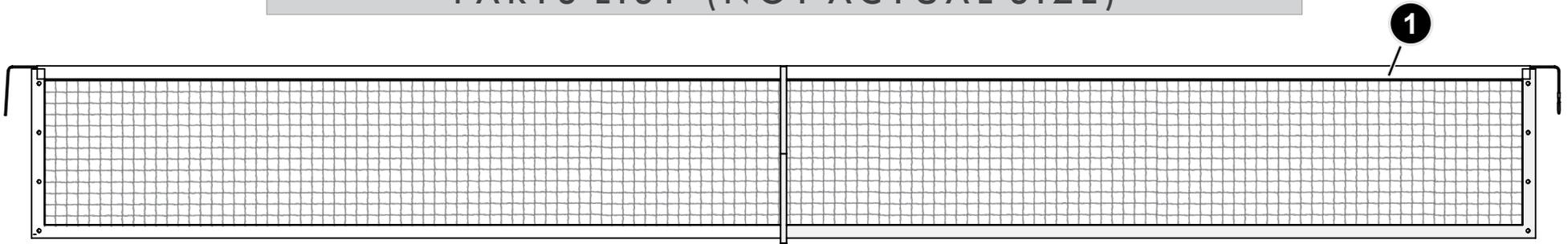
**Physical Location:**

817 Maxwell Ave.  
Evansville, IN 47711

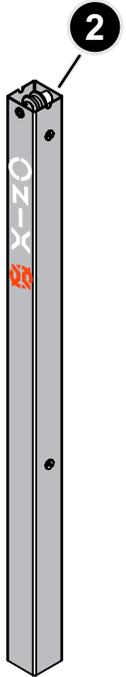
**Mailing Address: (Correspondence Only)**

PO Box 889  
Evansville, IN 47706

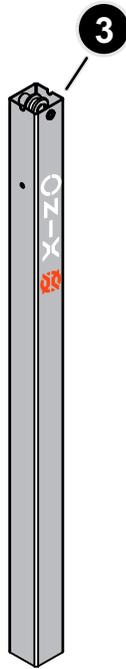
PARTS LIST (NOT ACTUAL SIZE)



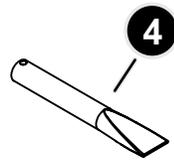
ONIX HEAVY DUTY PICKLEBALL NET ASSEMBLY  
4A-8903-00  
QTY. 1



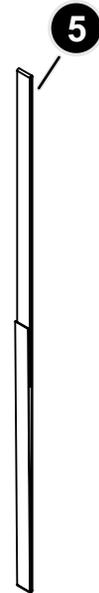
POST ASSEMBLY, CABLE TENSIONER  
1A-8037-00  
QTY. 1



POST ASSEMBLY, CABLE ANCHOR  
1A-8036-00  
QTY. 1



CENTER STRAP ANCHOR  
1A-8040-00  
QTY. 1

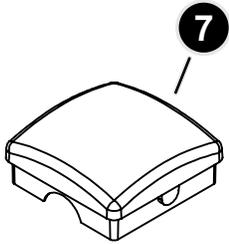


CENTER STRAP  
2F-7178-00  
QTY. 1

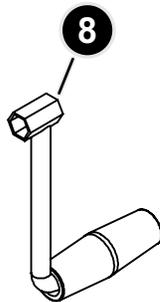


NET RODS  
6M-6743-00  
QTY. 2

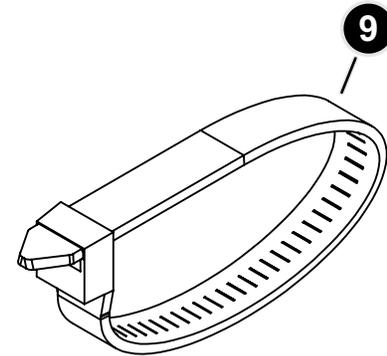
PARTS LIST (NOT ACTUAL SIZE)



POST CAP  
3M-9471-00  
QTY. 2



CRANK HANDLE  
4A-8750-00  
QTY. 1

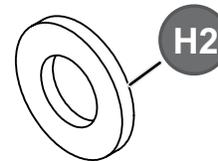


BLACK ZIP-TIE  
3M-9470-00  
QTY.4

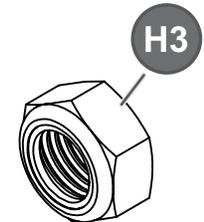
HARDWARE IDENTIFIER (ACTUAL SIZE)



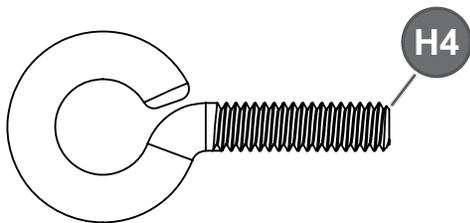
M10-1.5 X 100mm HHCS ZINC  
1B-7078-00  
QTY. 1



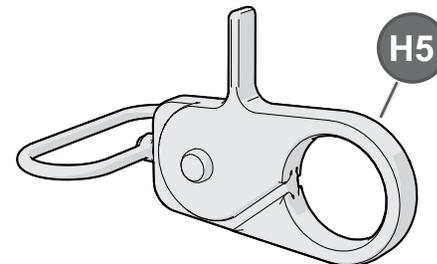
M10 -FLAT WASHER  
2B-6800-00  
QTY. 2



M10-1.5 NUT NYLOK, ZINC  
2B-6801-00  
QTY. 1



1/4-20 X 1 EYE BOLT  
1B-7274-00  
QTY. 4



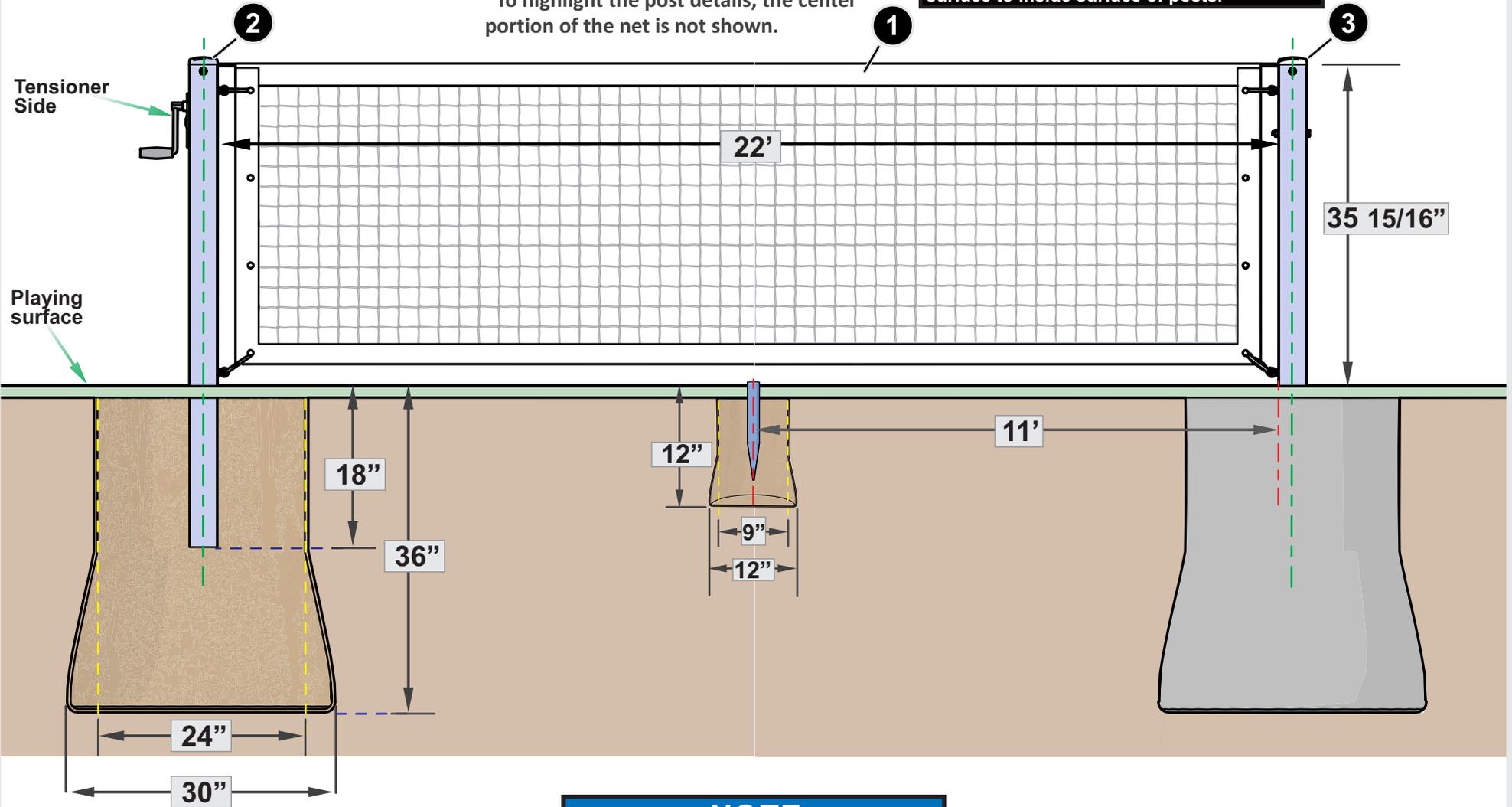
Net Strap Clip  
7B-8597-00  
QTY. 1

# POST INSTALLATION OVERVIEW

## NOTE

The distance between posts (#2) and (#3) should be 22 feet, measured from the inside surface to inside surface of posts.

\*To highlight the post details, the center portion of the net is not shown.



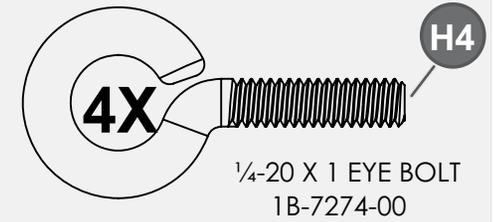
## NOTE

The dimensions of the footing shown are approximate and may vary depending on local soil and frost conditions.

## PARTS NEEDED

- 1X 2** Post Assembly, Cable Tensioner
- 1X 3** Post Assembly, Cable Anchor

## HARDWARE NEEDED (ACTUAL SIZE)



### STEP 1

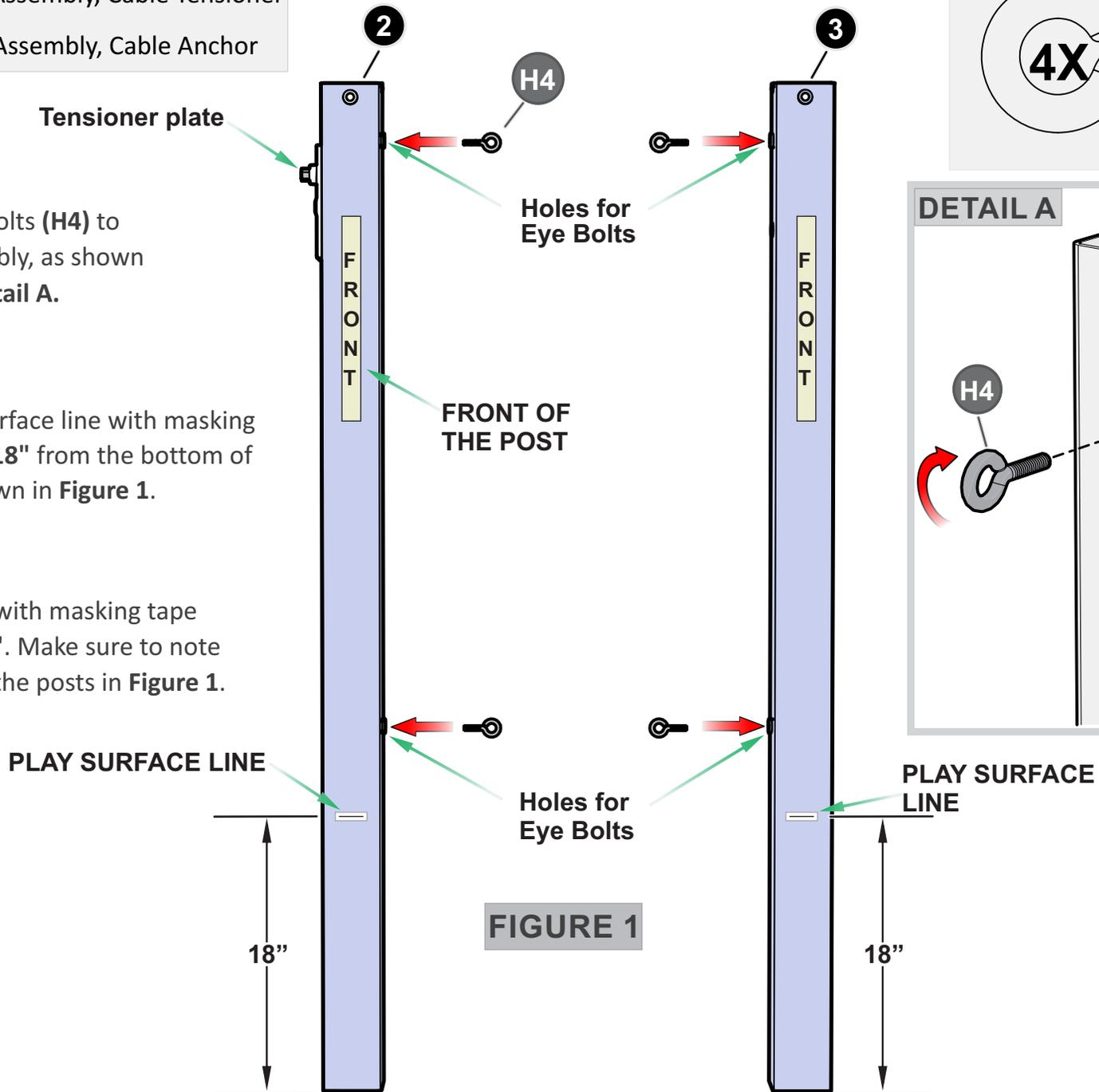
Screw two Eye Bolts (**H4**) to each Post assembly, as shown in **Figure 1** & **Detail A**.

### STEP 2

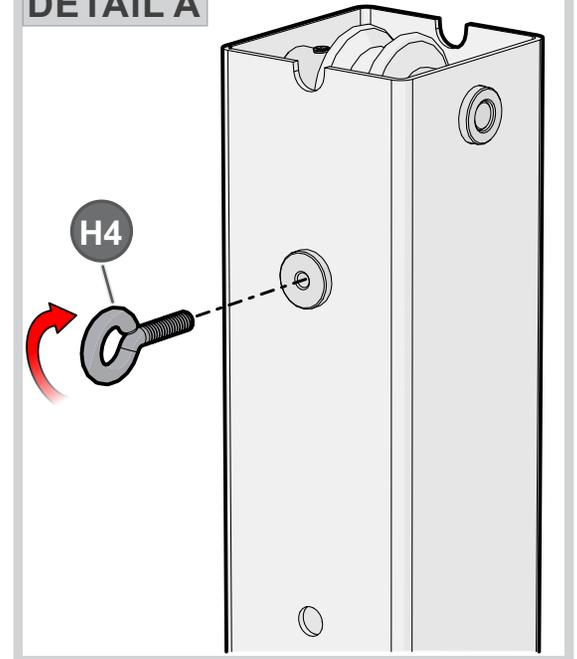
Mark the play surface line with masking tape and pencil **18"** from the bottom of the posts as shown in **Figure 1**.

### STEP 3

Label each post with masking tape and write "front". Make sure to note the direction of the posts in **Figure 1**.



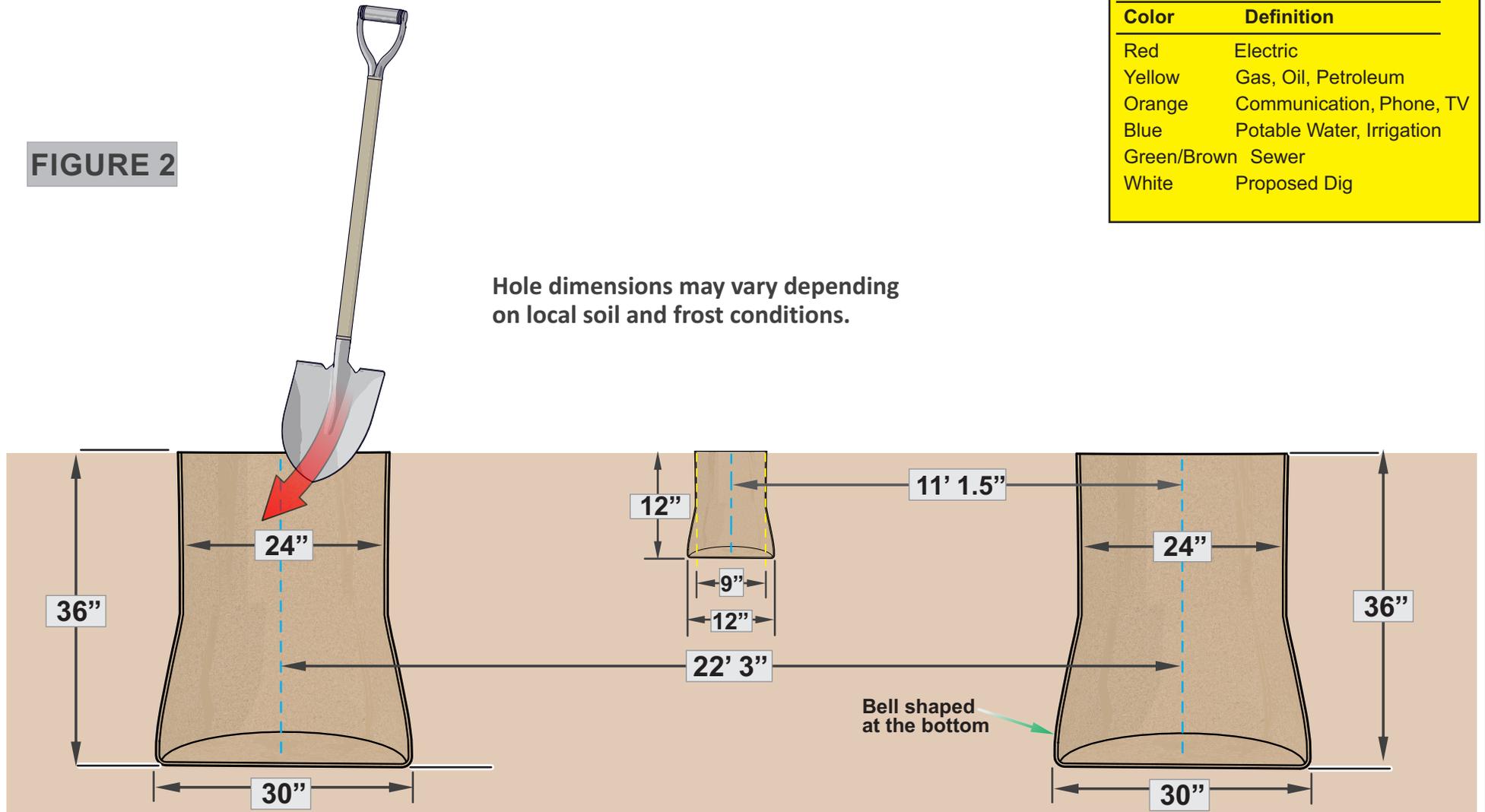
### DETAIL A



## STEP 4

Dig a bell-shaped hole at least **36 inches** deep by **24 inches** in diameter at the top and **30 inches** in diameter at the bottom. Repeat this step to dig a second hole and a center hole. See **Figure 2**.

**FIGURE 2**



Hole dimensions may vary depending on local soil and frost conditions.

## ⚡ WARNING ⚡

**Before digging hole for the posts, check for buried power, gas, water, and telecommunication lines! Failure to do so could result in serious or fatal injury! Contact your local utility company if unsure.**

## ⚠ WARNING

**Before digging the hole, contact your local One-Call system (dial 811) in your area.**



**Know what's below. Call before you dig.**

1-888-258-0808

### Utility Markings

Color	Definition
Red	Electric
Yellow	Gas, Oil, Petroleum
Orange	Communication, Phone, TV
Blue	Potable Water, Irrigation
Green/Brown	Sewer
White	Proposed Dig

## STEP 5

Place a concrete block into the hole and level it as much as possible then place the post on the concrete block to the correct height such that the play surface line is at the same level as the actual play surface. See **Figure 3**.

## STEP 6

Take out the post but leave the concrete block in. Repeat **Steps 5-6** for the second hole and post.

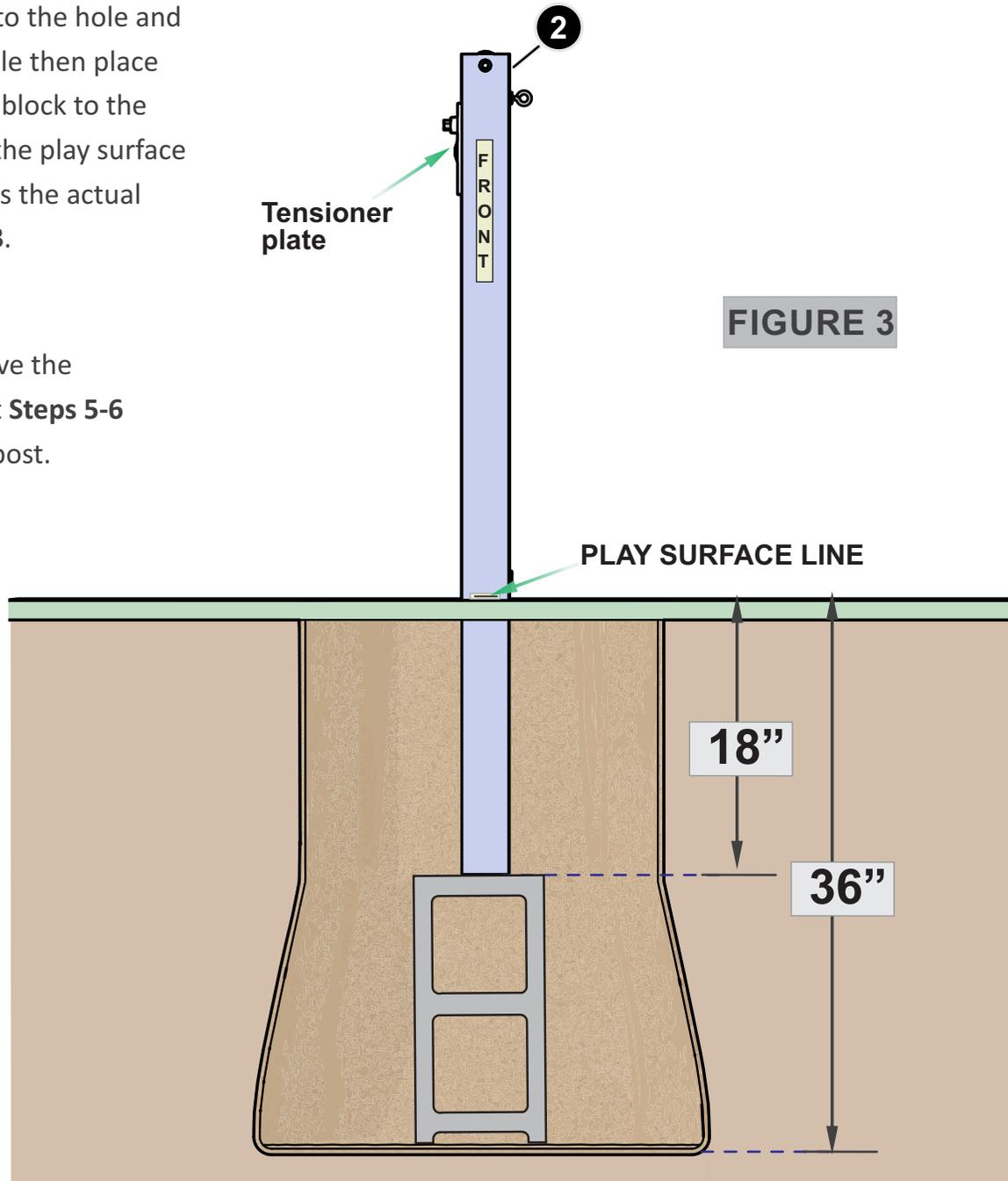


FIGURE 3

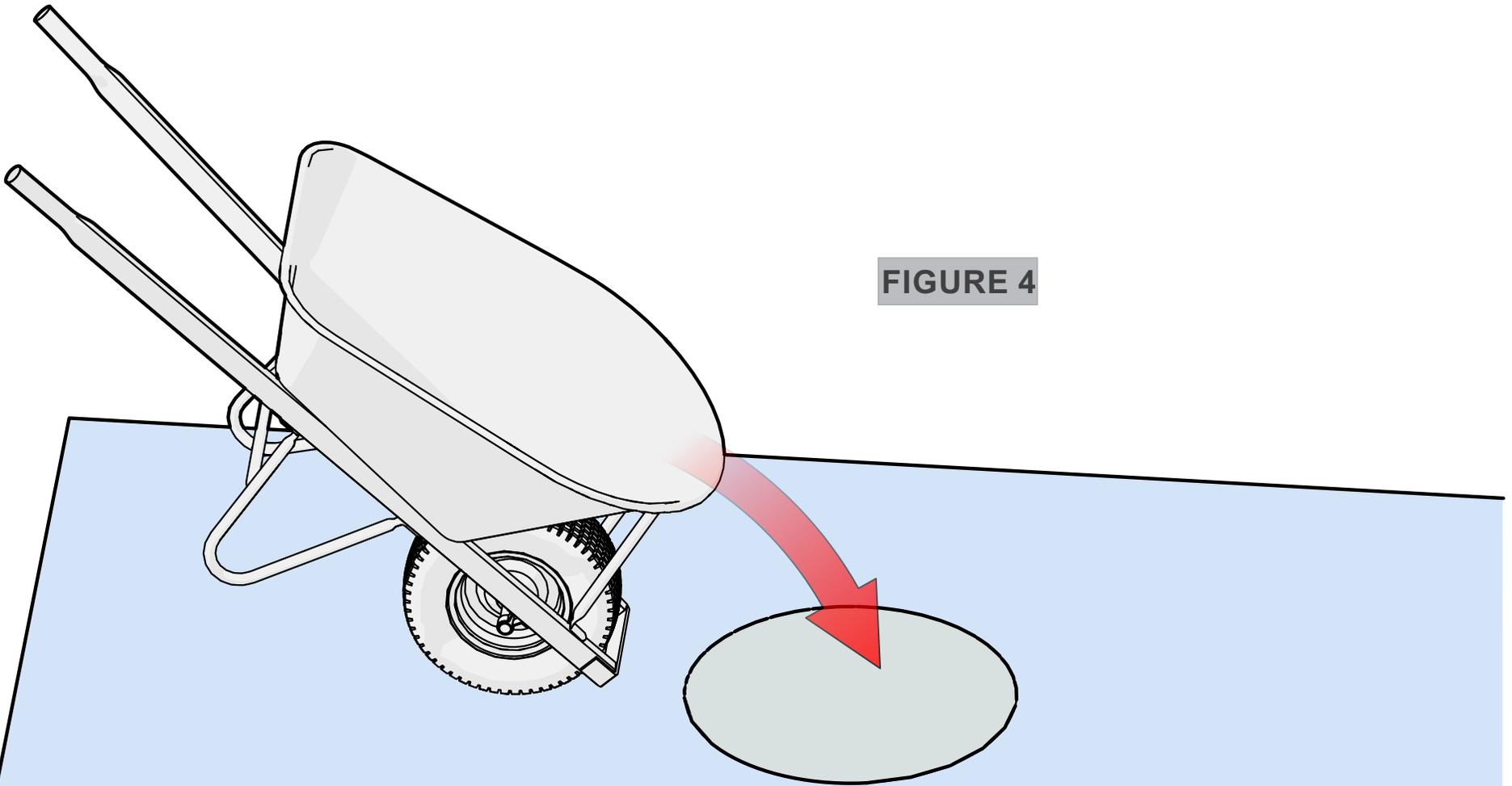
## STEP 7

Mix 18 (80lbs) bags of concrete and pour into the hole. If needed, mix more concrete until the hole is filled to the top. See **Figure 4**.

## NOTICE

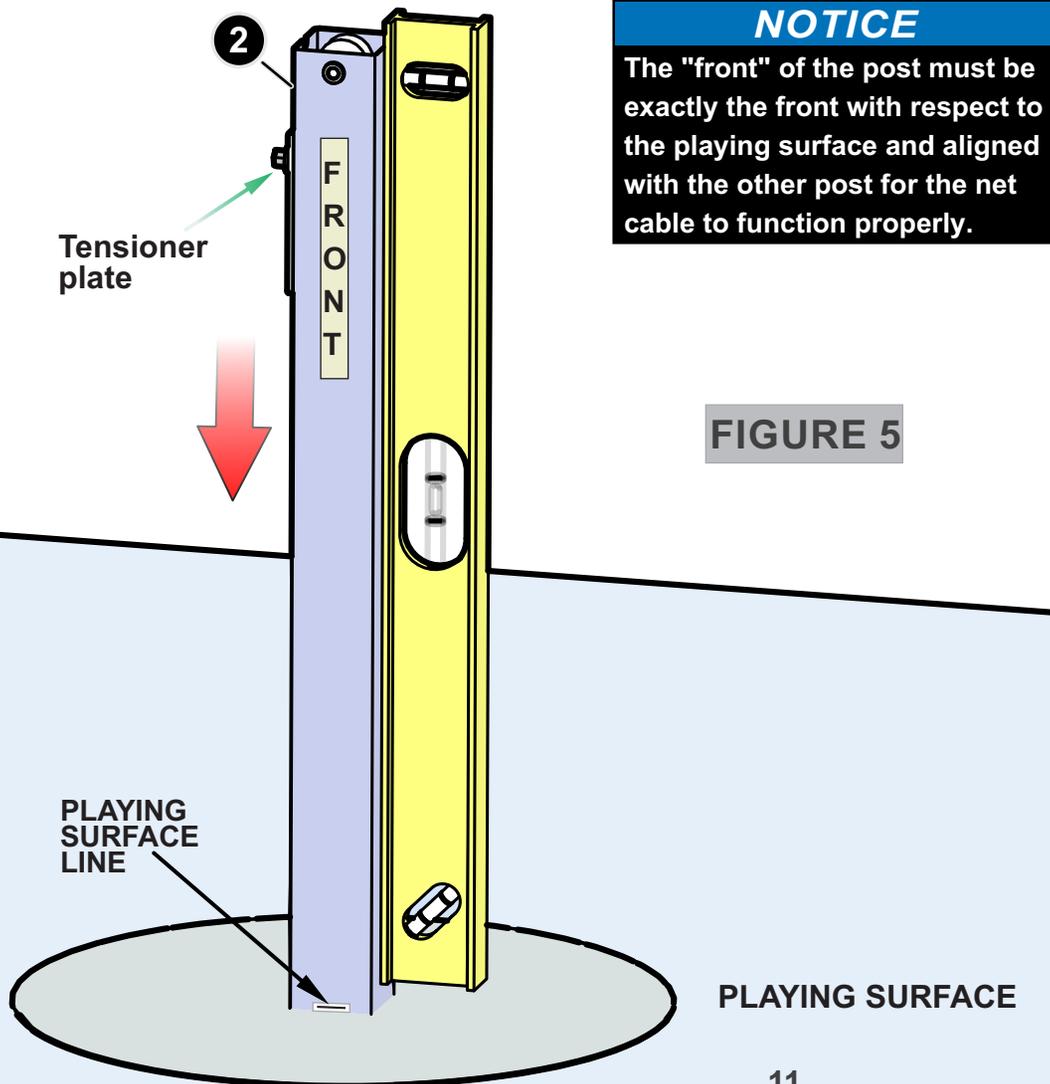
It is a good idea to buy a few extra bags of concrete in case they are needed. Extra bags can be returned to the store if they are not used.

FIGURE 4



## STEP 8

Slowly lower the post assembly into the center of the hole until the play surface line is level with the play surface. Use level to make sure post assembly is vertical as shown in **Figure 5**. Slope concrete away from the post.



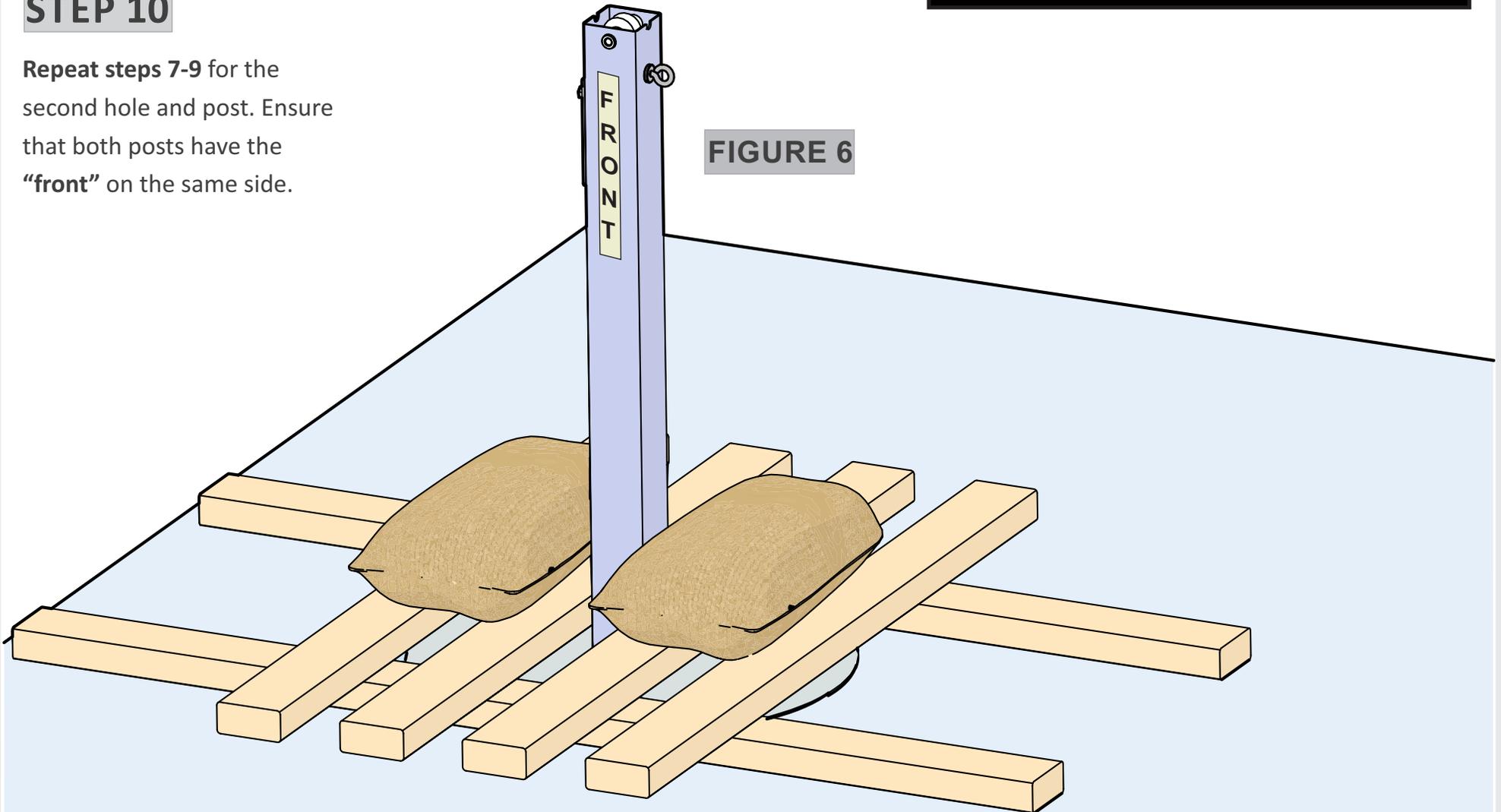
## STEP 9

Carefully fixture the post assembly until the concrete cures. Periodically check that the post assembly is vertical/plumb with the play surface. See **Figure 6**.

## STEP 10

Repeat steps 7-9 for the second hole and post. Ensure that both posts have the “front” on the same side.

**IMPORTANT**  
Let the concrete cure for a **MINIMUM** of 48 hours (2 days) before proceeding to the next step. In humid climates or wet weather, allow additional time for the concrete to cure. **DO NOT** install anything else until the concrete is completely cured.



## PARTS NEEDED

**1X** **4** Center Strap Anchor

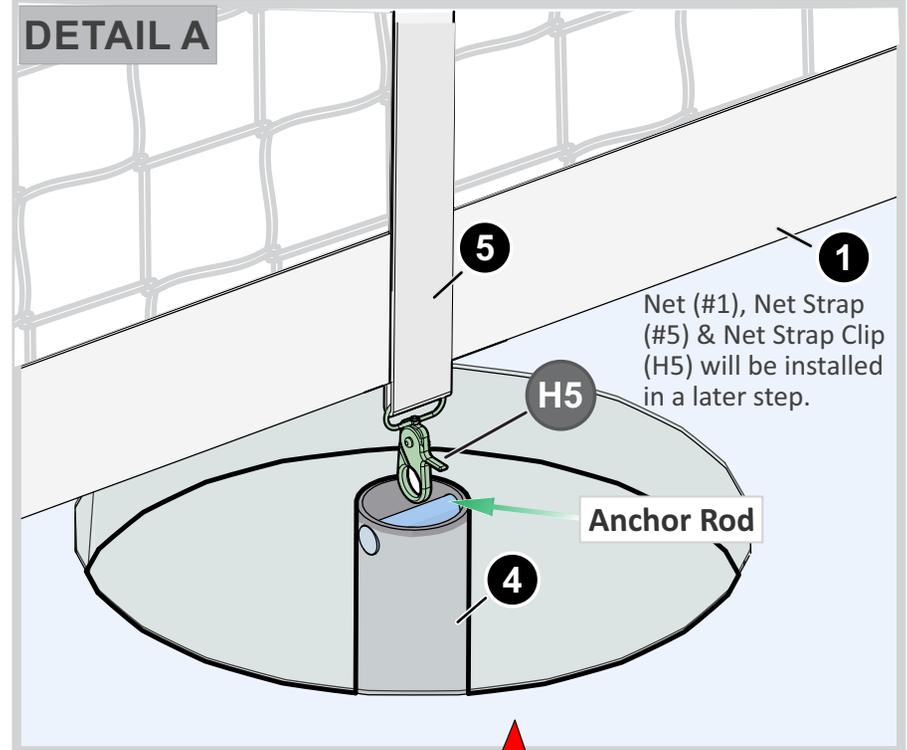
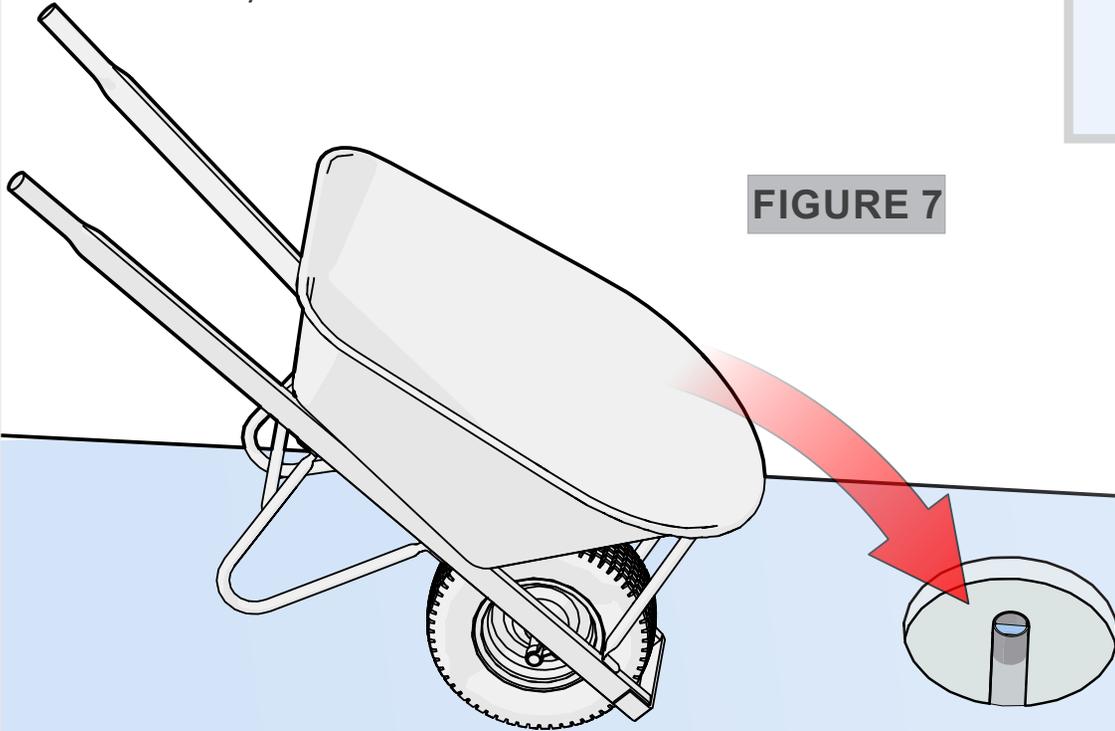
## STEP 11

Mix about 1.5 (80 lbs) bags of concrete and pour it into the center hole until it fills up about halfway as shown in **Figure 7**.

## STEP 12

Insert the Center Strap Anchor (#4) in the center of the hole with the pointed end down. See **Figure 7**. Continue pouring and holding the anchor in place until the hole is filled to the top. The anchor must be flush to the surface, plumb, and positioned as shown in **Detail A**. Let the concrete dry for at least 48 hours.

**FIGURE 7**



## NOTICE

The rod in the Center Strap Anchor (#4) must be positioned parallel to where the net will be installed so that the net strap (#5) & Clip (H5) can attach to it in later steps on Page 20. See Detail A.

## IMPORTANT

Let the concrete cure for a **MINIMUM** of 48 hours (2 days) before proceeding to the next step. In humid climates or wet weather, allow additional time for the concrete to cure. **DO NOT** install anything else until the concrete is completely cured.

# NET SETUP INSTRUCTIONS

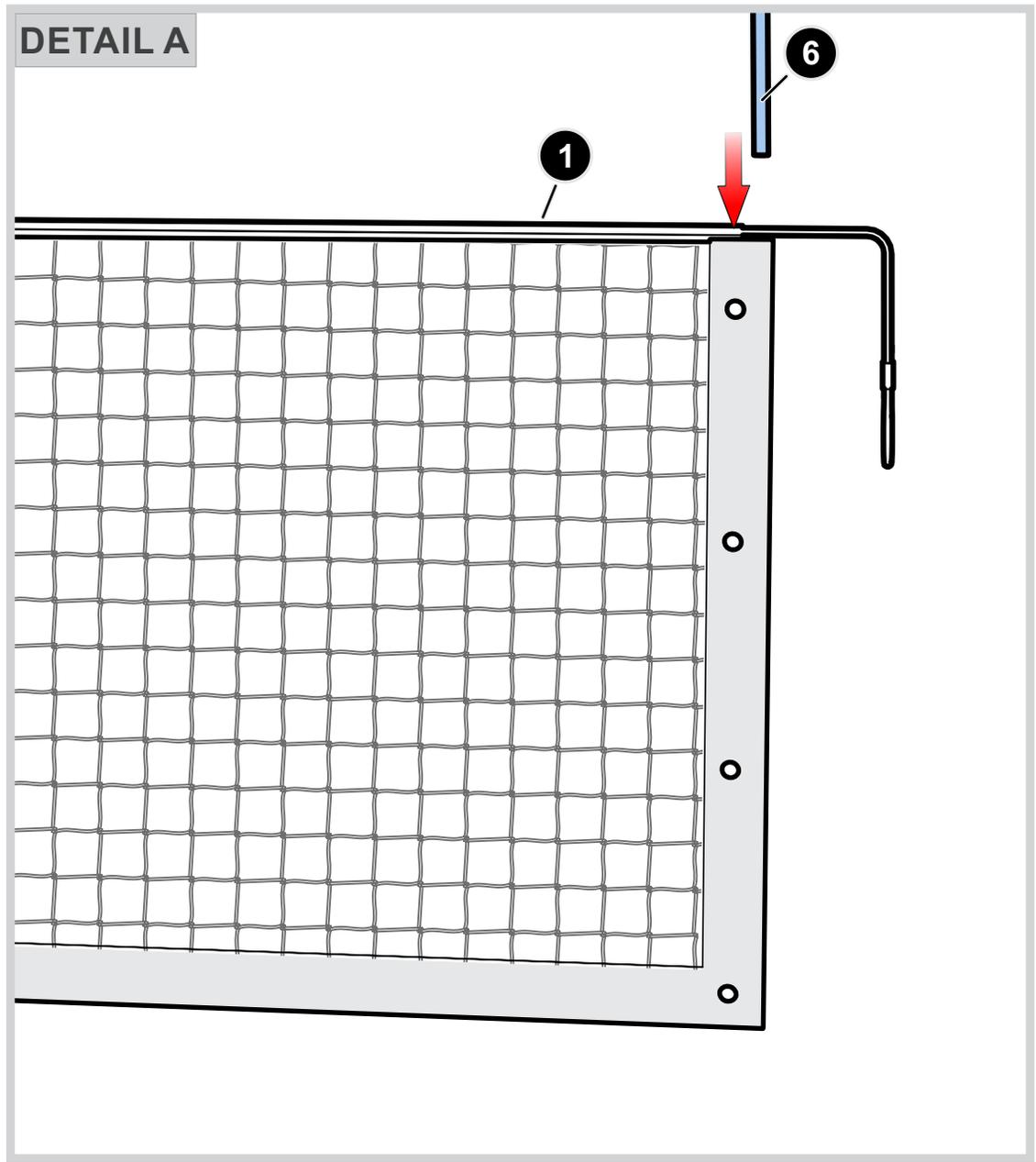
## PARTS NEEDED

**1X** **1** Pickleball Net Assembly

**2X** **6** Fiberglass Net Rod

## STEP 1

Insert a Fiberglass Net Rod (**#6**) into the Net Sleeve on each end of the net. See **Detail A**.

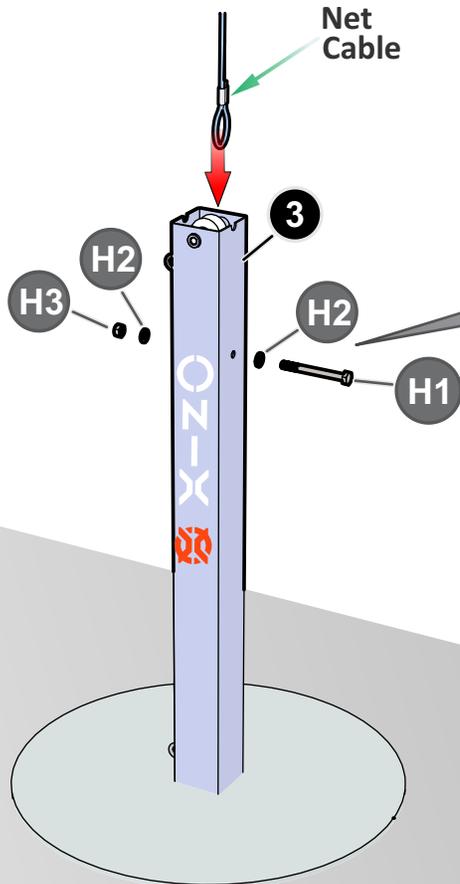


## PARTS NEEDED

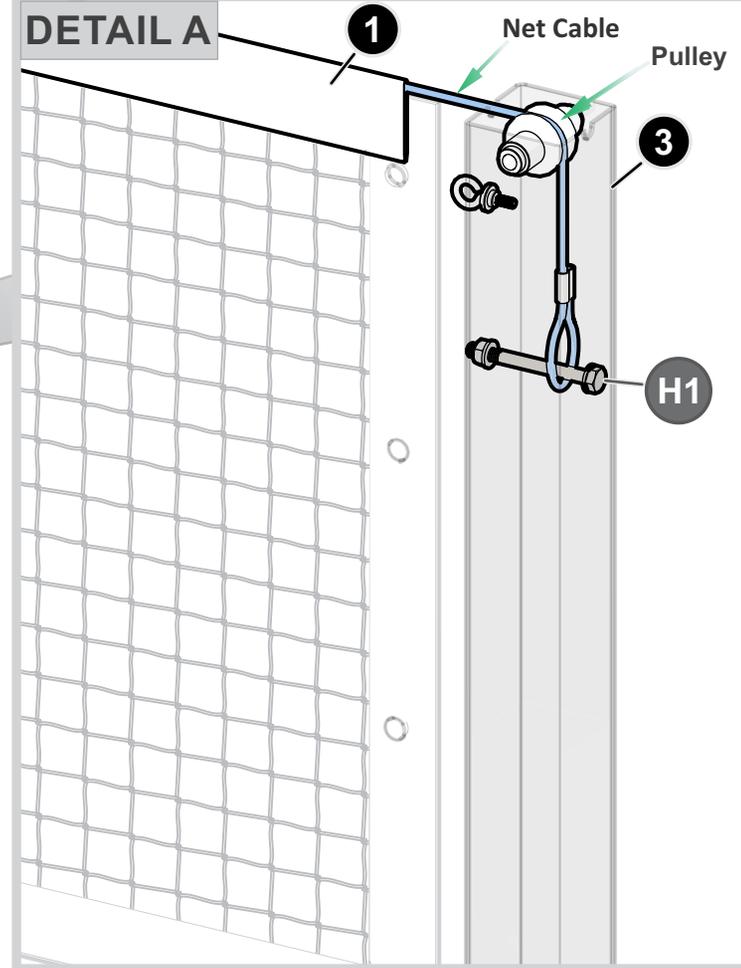
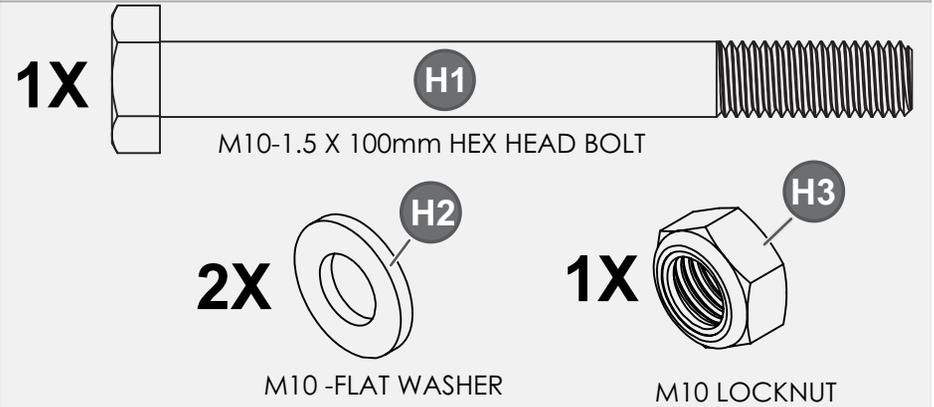
**1X 1** Pickleball Net Assembly

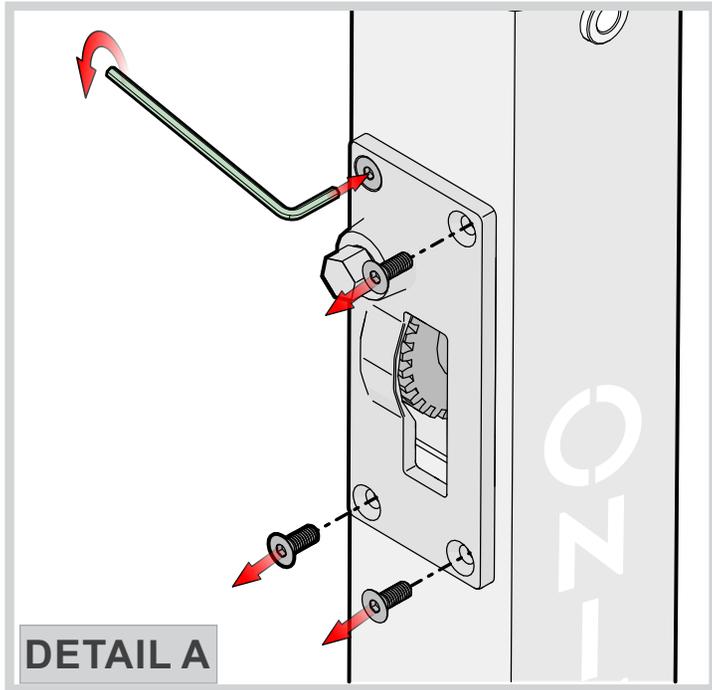
## STEP 2

Anchor the **Net Cable** into the Post Assembly. Insert the cable loop on one end of the net into the Post, then insert the bolt from the **outside** of the post until it goes through the loop on the cable and out the other end of the Post tube. See **Detail A**.



## HARDWARE NEEDED (ACTUAL SIZE)





#### PARTS NEEDED

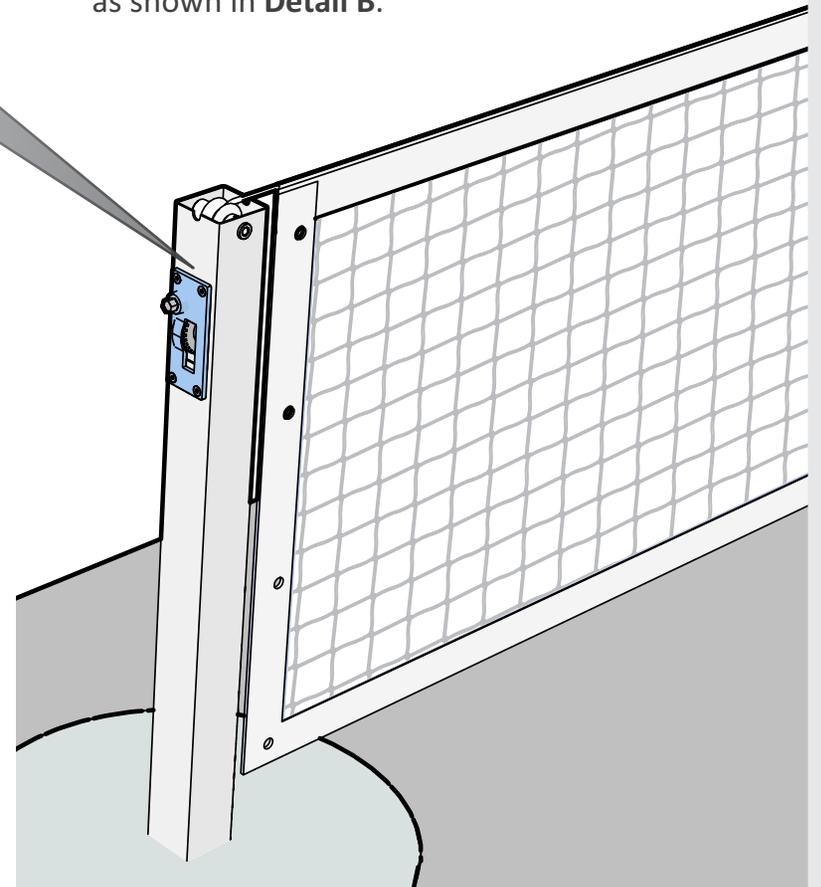
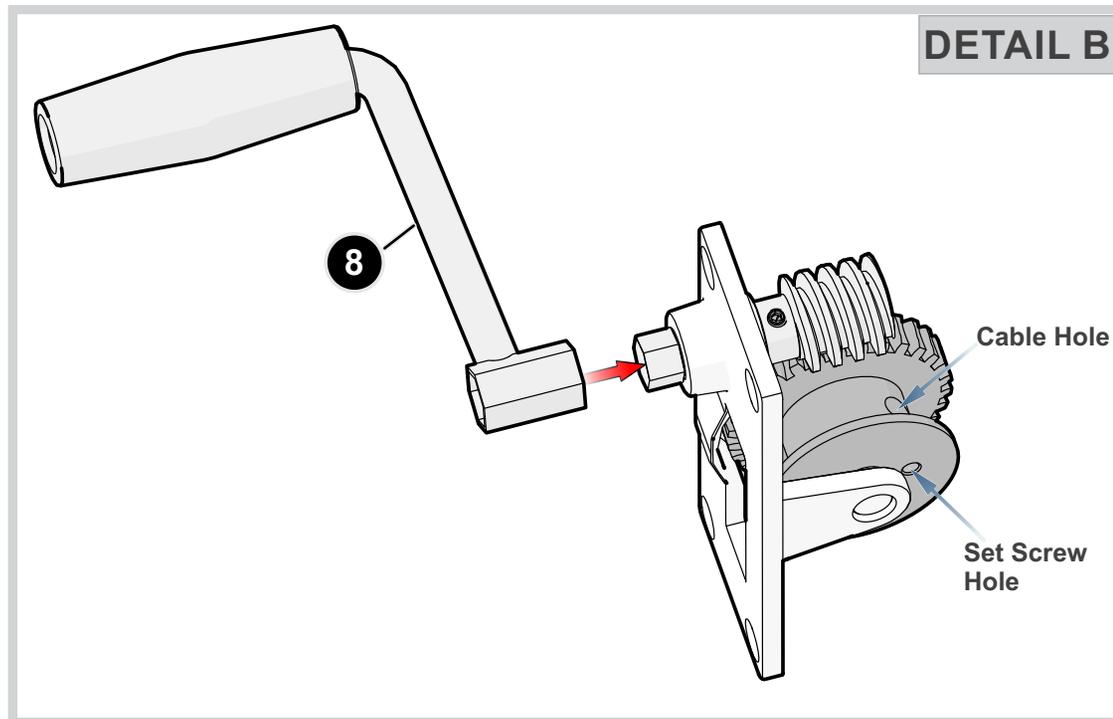
**1X** **8** Crank Handle

#### STEP 3

If the **Tensioner Assembly** is attached to the Post, remove the four bolts as shown in **Detail A**. Use a **6mm Allen Wrench**.

#### STEP 4

Attach the **Handle (#8)** and rotate the gear until you see the **set screw hole** and the **cable hole** as shown in **Detail B**.

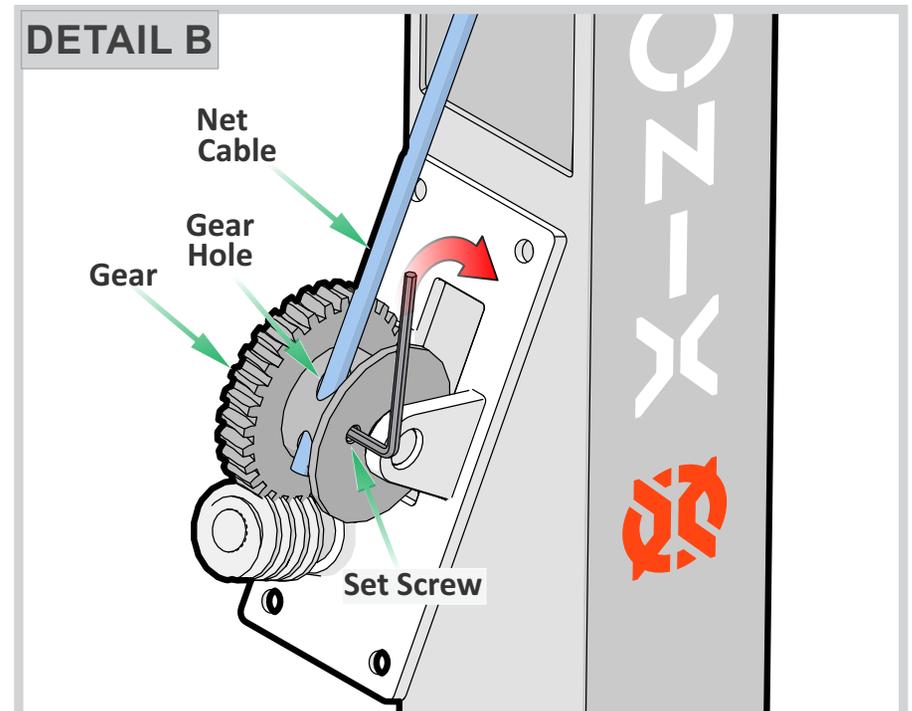
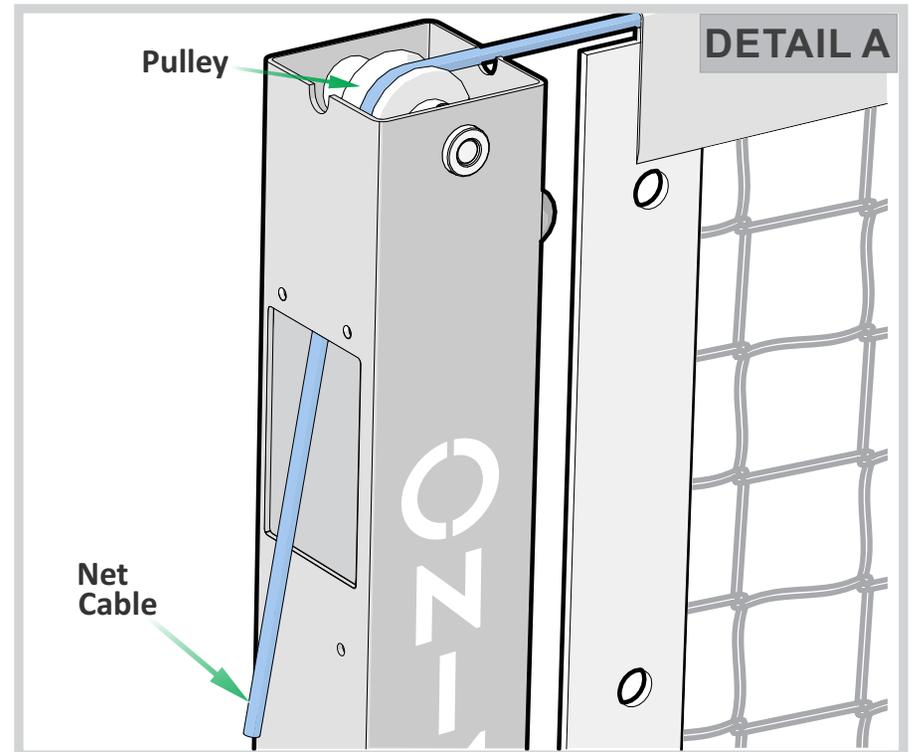


## STEP 5

Pull the **Net Cable** through the opening of the Post making sure the cable rests on the **Pulley** as shown in **Detail A**.

## STEP 6

Insert the end of the **Net Cable** into the gear **Cable Hole** and tighten the **Set Screw** until the cable is held securely. Use a **3mm Allen Wrench**. See **Detail B**.

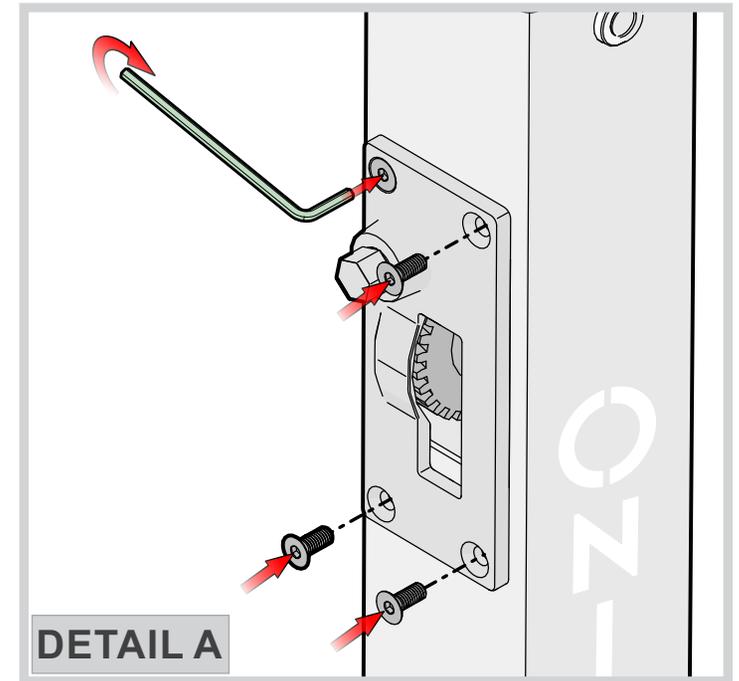


## STEP 7

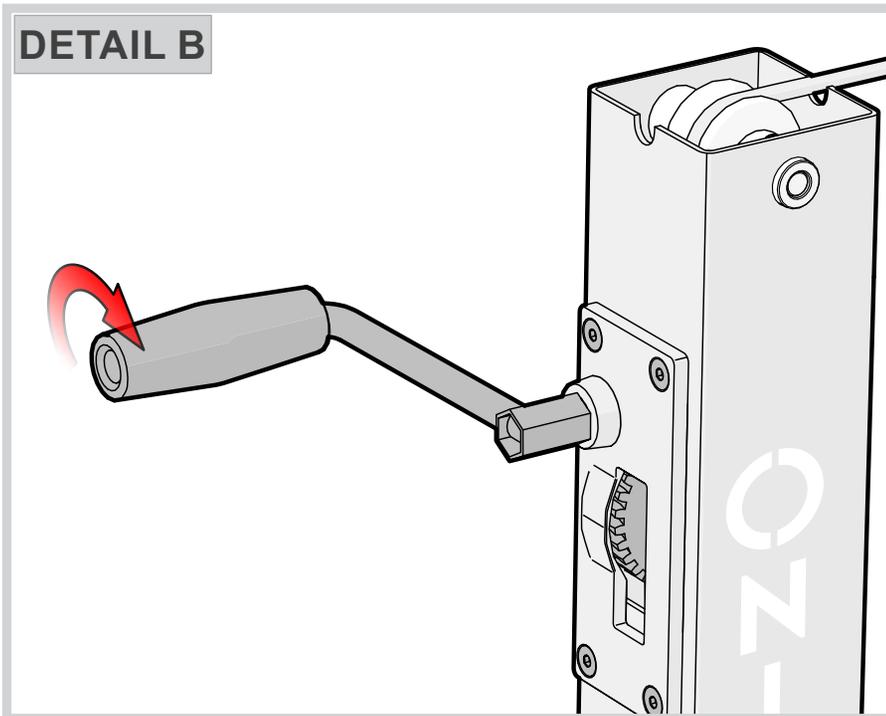
Re-attach the **Tensioner Assembly** to the **Post** with four Allen Screws. Use a **6mm** Allen Wrench. See **Detail A**.

## STEP 8

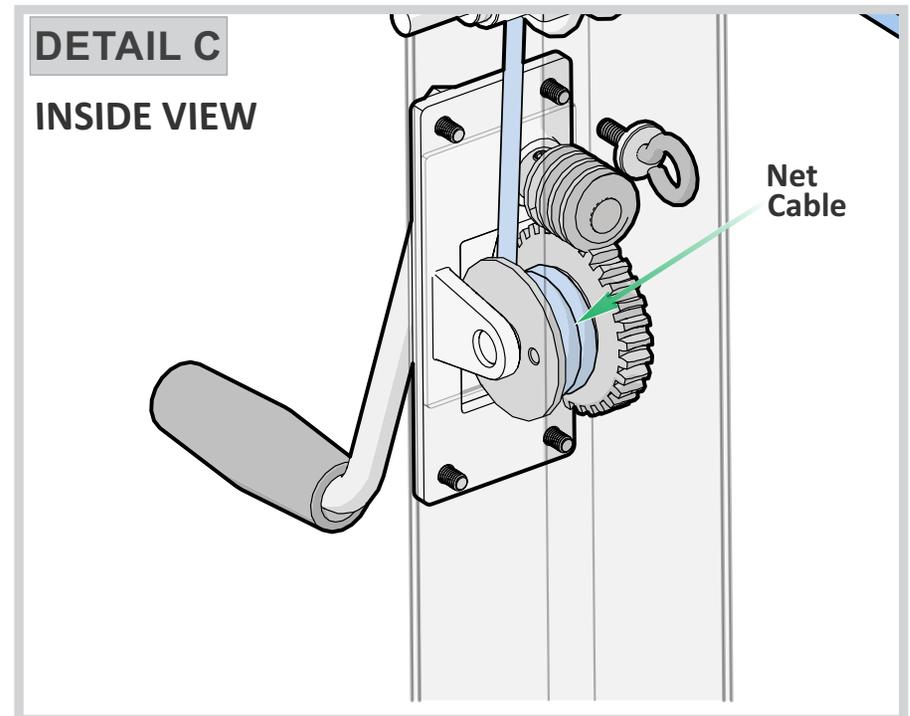
Turn the handle **CLOCK-WISE** a few turns to roll the cable to the Gear. Keep on turning the handle **CLOCK-WISE** to tension the Net until taut. See **Detail B** & **Detail C**.



## DETAIL B



## DETAIL C INSIDE VIEW



## PARTS NEEDED

**2X** **7** Post Cap

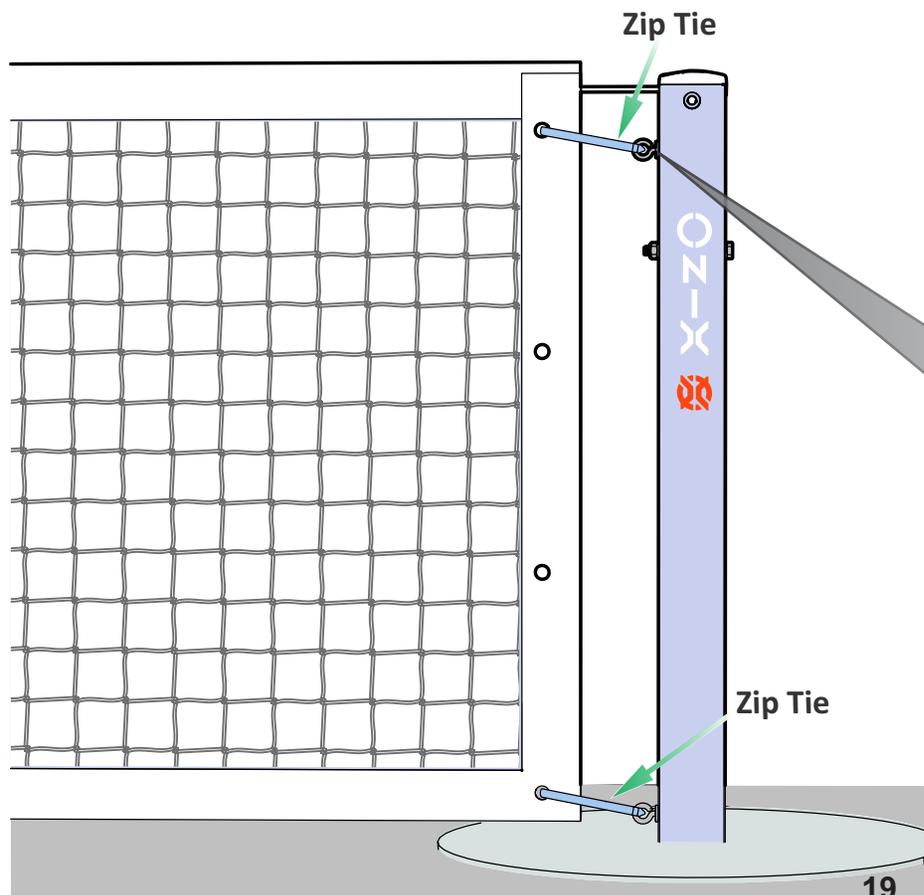
**4X** **9** Black Zip-Tie

## STEP 9

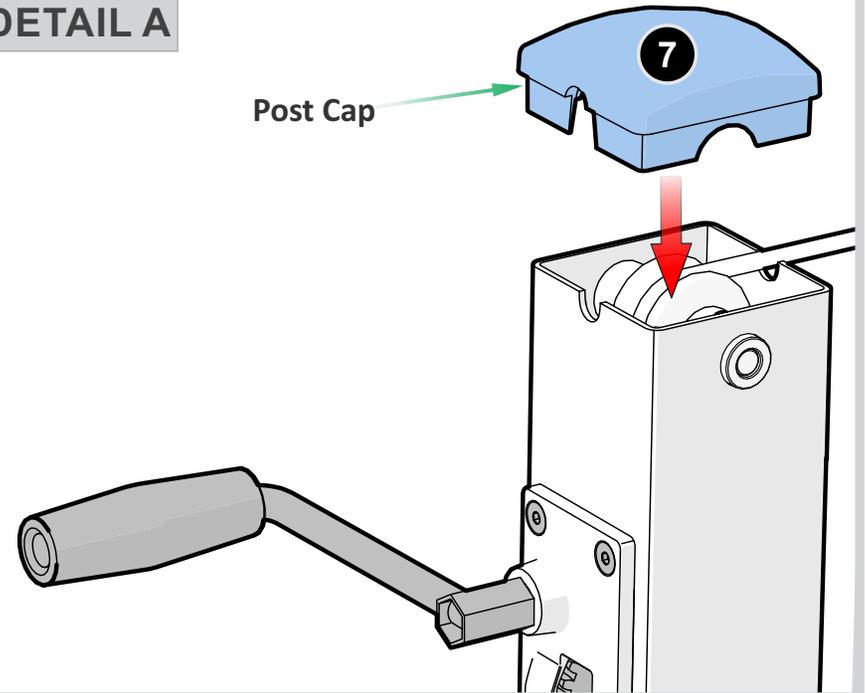
Attach Post Caps (#7) to both Posts as shown in Detail A.

## STEP 10

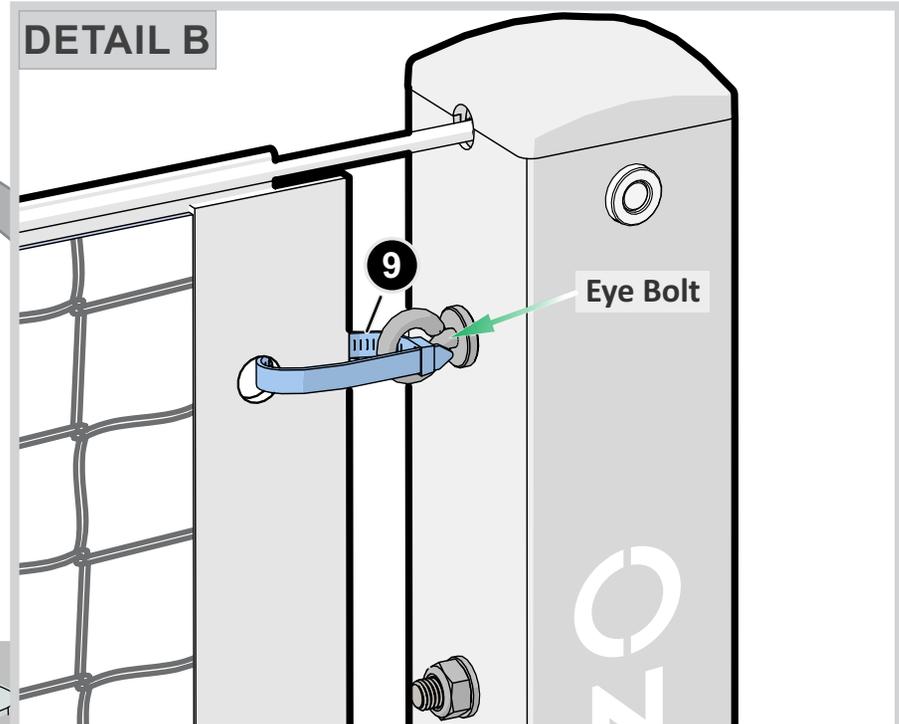
Secure the Net (#1) by attaching Zip-Ties (#9) to the Eye-bolts. **Repeat** this step to attach the other end of the Net to the Post with Tensioner. See the illustration below and Detail B.



## DETAIL A



## DETAIL B



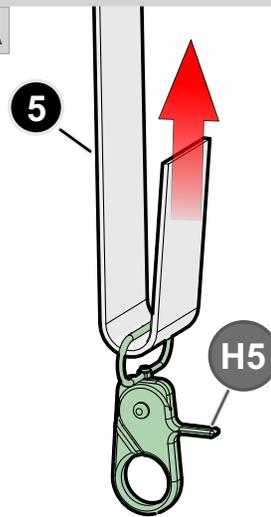
## PARTS NEEDED

- 1X **5** Center Net Strap
- 1X **H5** Net Strap Clip

## STEP 11

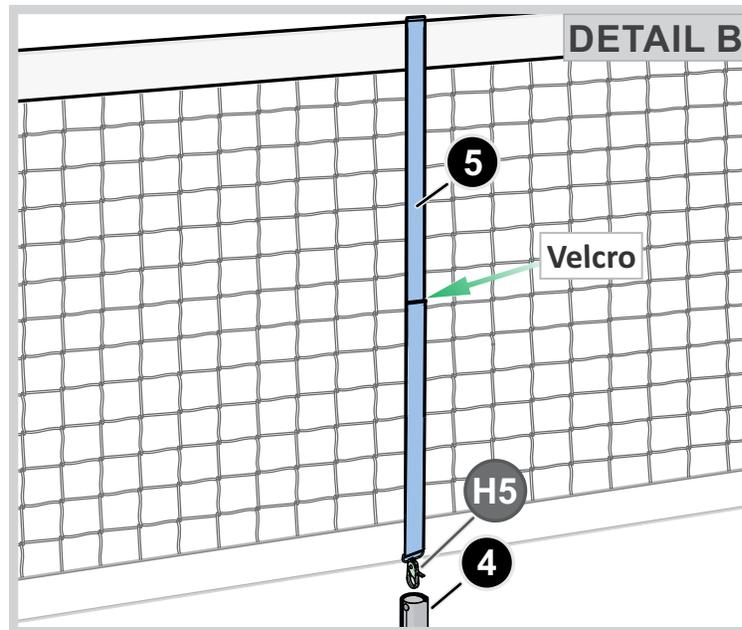
Insert one end of the Net Strap (**#5**) through the Swivel ring on the Net Strap Clip (**H5**) as shown in **Detail A**.

### DETAIL A



## STEP 12

Attach the Net Strap centered over and around the net and secure it using the **Velcro straps**. The Clip (**H5**) should be at the bottom of the strap. See **Detail B**.

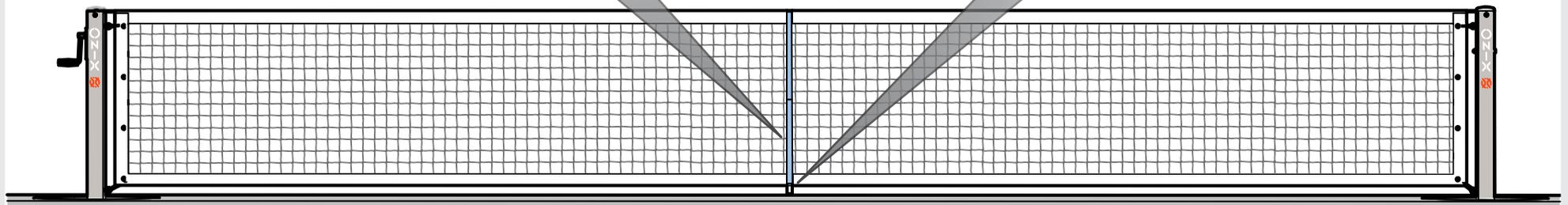
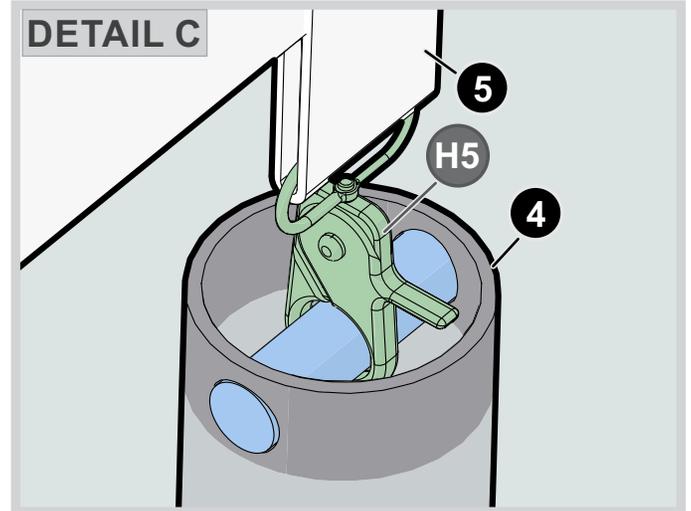


## STEP 13

Attach the Net Strap Clip (**H5**) to the Center Strap Anchor **Rod** as shown in **Detail C**. Open the Net Strap Clip (**H5**) just enough to go over the center rod. You may have to angle the Clip left or right so that it attaches easier to the Center rod.

**Note:** Adjust the Net Strap as needed. The center net height should be 34" from the playing surface, and the ends of the net should be 36".

### DETAIL C



## Limited Warranty

**WARRANTY DURATION:** This Product is warranted to the original consumer from the original purchase for a period of **1 year** for the **net posts** parts and **four years** for the **net**.

**WARRANTY COVERAGE:** ESCALADE® SPORTS warrants to the original Consumer Purchaser that any Product of its manufacture is free from defects in material and workmanship when used for the intended purpose under normal use and conditions. THIS WARRANTY IS VOID IF THE PRODUCT HAS BEEN DAMAGED BY ACCIDENT, UNREASONABLE USE, NEGLIGENCE, IMPROPER SERVICE, FAILURE TO FOLLOW INSTRUCTIONS PROVIDED WITH THE PRODUCT, OR OTHER CAUSES NOT ARISING OUT OF DEFECTS IN MATERIAL AND WORKMANSHIP.

**WARRANTY PERFORMANCE:** During the above warranty period, ESCALADE® SPORTS shall repair or replace with a comparable model, and Product, or component thereof, which may prove defective under normal use and proper care, and which our examination shall disclose to our satisfaction to be thus defective, please contact our Warranty Department.

1-800-426-1421 / Warranty Dept.

Or Write us at:

Escalade® Sports, Inc. - P.O. Box 889, Evansville, IN 47706 - Attn: Warranty Dept.

Or E-mail us [customerservice@escaladesports.com](mailto:customerservice@escaladesports.com)

Other than shipping requirements, no charge will be made for such repair or replacement of in-warranty Products. ESCALADE® SPORTS strongly recommends that the Product is insured for value prior to mailing.

**WARRANTY DISCLAIMERS:** ANY IMPLIED WARRANTIES ARISING OUT OF THIS SALE, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE WARRANTY PERIOD. ESCALADE® SPORTS SHALL NOT BE LIABLE FOR LOSS OF USE OF THE PRODUCT OR OTHER CONSEQUENTIAL OR INCIDENTAL COSTS, EXPENSES, OR DAMAGES INCURRED BY THE CONSUMER OF ANY OTHER USE.

MODEL NO.  
KZ3100-IGNET



**ONIX**<sup>®</sup>