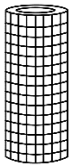
# Above Ground Dog Park Installation Instructions (18’x18’)

## PARK HARDWARE PARTS

### A

**QTY: 1**



5' x 100' Welded Wire 2" x 2" Mesh

SKU: W14510022B

### B

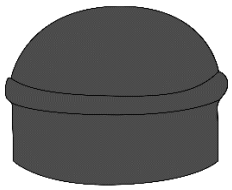
**QTY: 18**

1 3/8'' Foot Pad Canopy Fitting Black

SKU: FP1006-1

### C

**QTY: 10**



1 5/8” Decorative Dome Cap

SKU: DE2812

### D

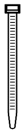
**QTY: 8**

1 5/8" Loop Caps with 1 3/8" Loops

SKU: DE8089

### E

**QTY: 3**

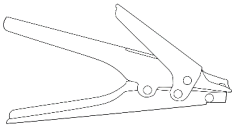


8” High Strength Nylon Self-Locking Ties – 100pk

SKU: DE2854

### F

**QTY: 1**

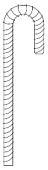


Cutter Puller Tool for Self-Locking Ties

SKU: DE2864

### G

**QTY: 4**

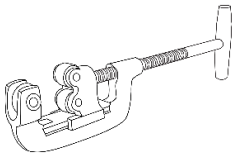


18” Rebar Ground Stakes – 20pk

SKU: DE2884-20

### H

**QTY: 1**

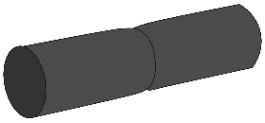


Pipe Cutter

SKU: DE2799

### I

**QTY: 6**

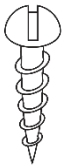


1 3/8” x 1 3/8” Coupler

SKU: DE8117

### J

**QTY: 108**



Self-Tapping Screws

SKU: DE9978-1

### K

**QTY: 60**

1 3/8” Brace Cup Black

SKU: DE8142

### L

**QTY: L1: 8 L2: 52**

**L1:** 1 3/8” Brace Band Black
**L2:** 1 5/8” Brace Brand Black

SKU: **L1:** DE8078-1 **L2:** DE8080-1

### M

**QTY: 60**

Carriage Bolt w/Washer & Nut Galvanized - 5/16'' x 1 1/2''

SKU: DE8042

## Recommended Tools (Not Included):

Power Drill with 5/16” Drill Bit

Socket Wrench 5/16” or Adjustable wrenches

Tape Measure

Hammer

String Line

Level

# GATE HARDWARE PARTS

## Q

**QTY: 8**

Carriage Bolt w/Washer & Nut Hot Dip Galvanized - 3/8'' x 2''

SKU: DE8054

## R

**QTY: 8**

Carriage Bolt w/Washer & Nut Hot Dip Galvanized - 5/16'' x 2''

SKU: DE8044

## S

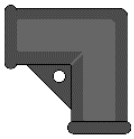
**QTY: 8**

Carriage Bolt w/Washer & Nut Galvanized - 5/16'' x 1 1/2''

SKU: DE8042

## T

**QTY: 8**



Corner Elbow Hex 1 3/8” Heavy Duty Black

SKU: DE8112

## U

**QTY: 4**

End Clamp Black Galvanized Steel 1 3/8'' x 1 3/8''

SKU: DE8154

## V

**QTY: 4**

Turnbuckle Gate Tension Assembly

SKU: DE8464

## W

**QTY: 4**

Fork Latch Assembly 1 5/8” Black

SKU: DE8180

## X

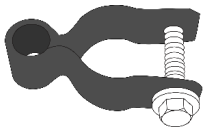
**QTY: 4**

Male Hinge Black Galvanized Steel 1 5/8''

SKU: DE8212

## Y

**QTY: 4**

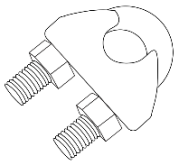


Female Hinge Black Galvanized Steel 1 3/8”

SKU: DE2830

## Z

**QTY: 4**



Monofilament Connector Clip

SKU: DE2830

# Pipe Part List for 18'x18' Dog Park

## Line Posts

| | Qty | Pipe Measurement | SKU |
|---|---|---|---|
| Line Posts (A) | 8 | 1 5/8" x 58" | DE8358-058 |
| Corner Posts (B) | 6 | 1 5/8" x 60" | DE8358-060 |
| | | | |
| | | | |
| | | | |

## Top Rail

| | Qty | Pipe Measurement | SKU |
|---|---|---|---|
| Top Rail (E) | 13 | 1 3/8" x 87" | DE8353-087 |
| Top Rail Gate (F) | 2 | 1 3/8" x 9.5" | DE9553-0095 |
| | | | |
| | | | |
| | | | |

## Bottom Rail

| | Qty | Pipe Measurement | SKU |
|---|---|---|---|
| Bottom Rail (G) | 13 | 1 3/8" x 66.5" | DE9553-0665 |
| Bottom Rail Gate (H) | 4 | 1 3/8" x 9.5" | DE9553-0095 |
| | | | |
| | | | |
| | | | |

## Gate Support

| | Qty | Pipe Measurement | SKU |
|---|---|---|---|
| Gate Support (I) | 4 | 1 3/8" x 18" | DE9553-018 |
| | | | |
| | | | |
| | | | |
| | | | |

## Gate Door

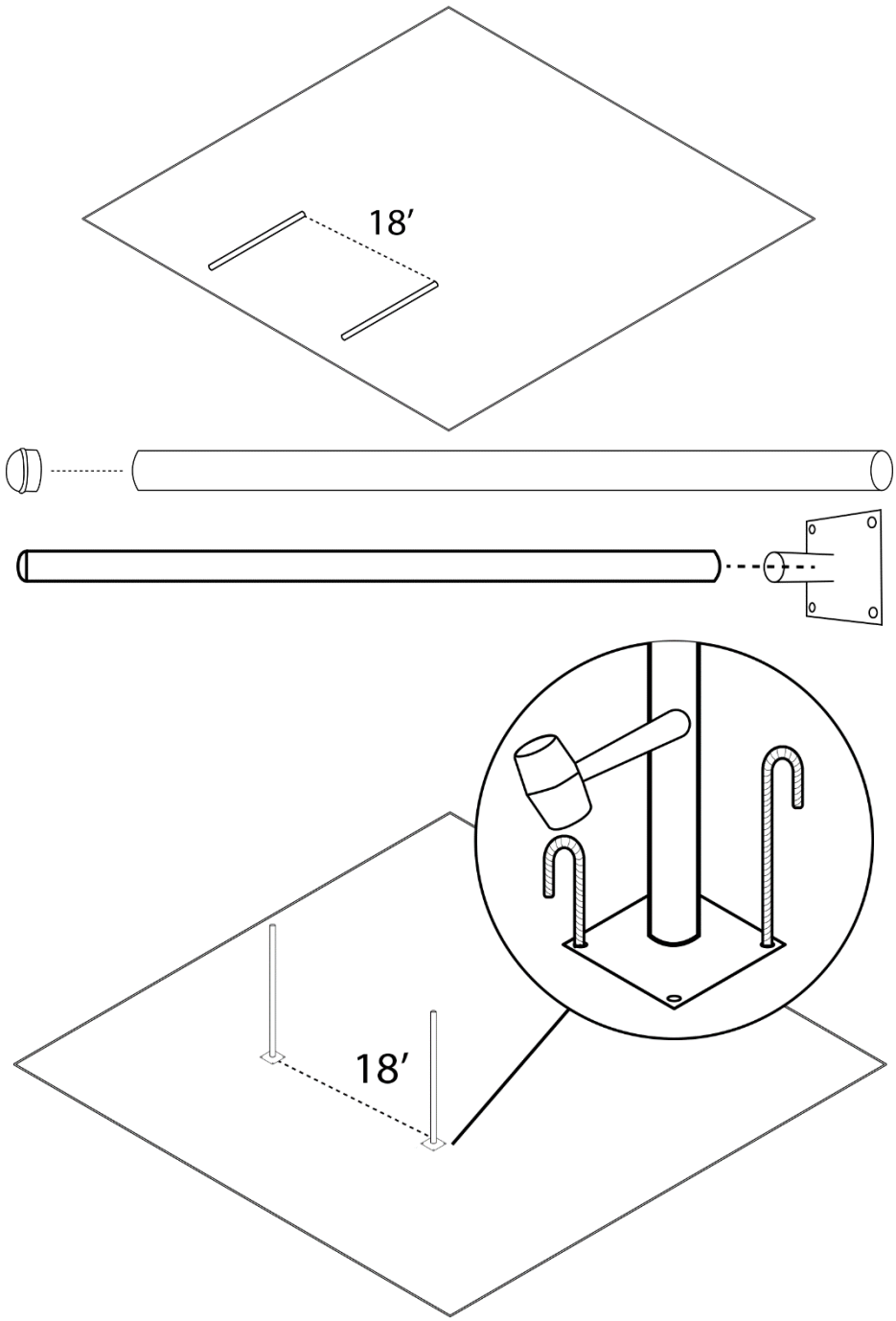
| | Qty | Pipe Measurement | SKU |
|---|---|---|---|
| Frame Posts (N) | 4 | 1 5/8" x 60" | DE8358-060 |
| Horizontal Pipe for Gate Door (C) | 4 | 1 3/8" x 33" | DE8352-033 |
| Vertical Pipe for Gate Door (B) | 4 | 1 3/8” x 56” | DE8352-056 |
| Center Bar (D) | 2 | 1 3/8” x 32” | DE8352-032 |
| Bottom Gap Bar (J) | 1 | 1 3/8" x 38" | DE8353-038 |

# Above Ground Dog Park Installation Instructions (18'x18')

1. Set two **(2) CORNER POSTS (B)**, spaced 18' apart. Insert the **DECORATIVE DOME CAP (C)** on the top of each **CORNER POST (B)** before inserting the post in the **FOOT PADS (B)** at the bottom. Secure the **CORNER POSTS (B)** by hammering in two **(2) REBAR STAKES (G)** in the diagonal holes of the **FOOT PADS (B)**.

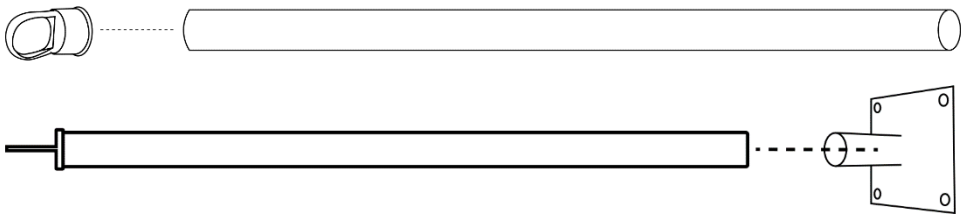
   **Note:** Hammer in your **REBAR STAKES (G)** only halfway into the ground, This will allow you to move the post to ensure a perfectly squared park.

**1.**




2. Insert the **LOOP CAP (E)** on the top of each **LINE POST (A)** before inserting the post in the **FOOT PADS (B)** at the bottom.

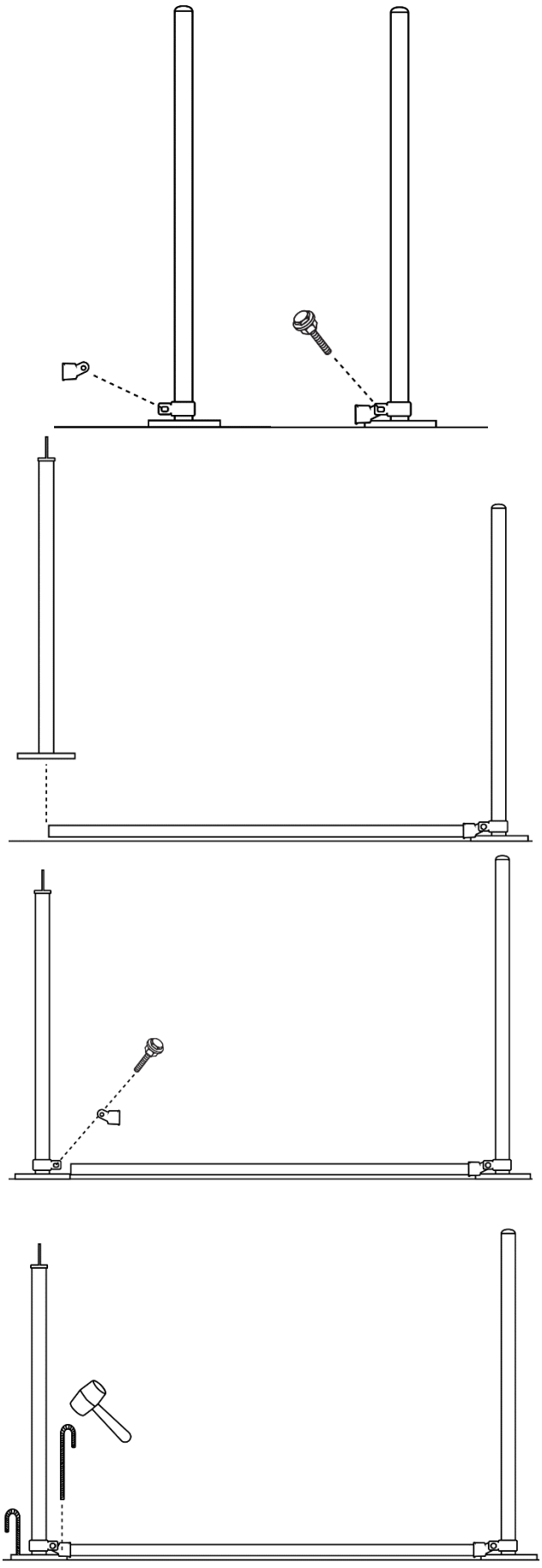
**2.**



3. Attach **a BRACE BAND (L2)** and **BRACE CUP (K)** to the bottom of the **CORNER POST (B)** and secure with a **CARRIAGE BOLT (M).** Insert a **BOTTOM RAIL PIPE (G)** into the **CORNER BRACE CUP** assembly. Where the **BOTTOM RAIL PIPE** ends will guide you where to put your **LINE POSTS (A).** Attach a **BRACE BAND (L2)** and **BRACE CUP (K)** to the bottom of **a LINE POST (A)** and secure with a **CARRIAGE BOLT (M)**. Insert the opposite end of the **BOTTOM RAIL PIPE** into the **LINE POST BRACE CUP** assembly. Secure the **LINE POST (A)** by hammering in two **(2) REBAR STAKES (G)** in the diagonal holes of the **FOOT PADS (B)**.

**Note**: Hand tighten all carriage bolt and screw all carriage bolts with the nut facing the **INSIDE** of the enclosure.

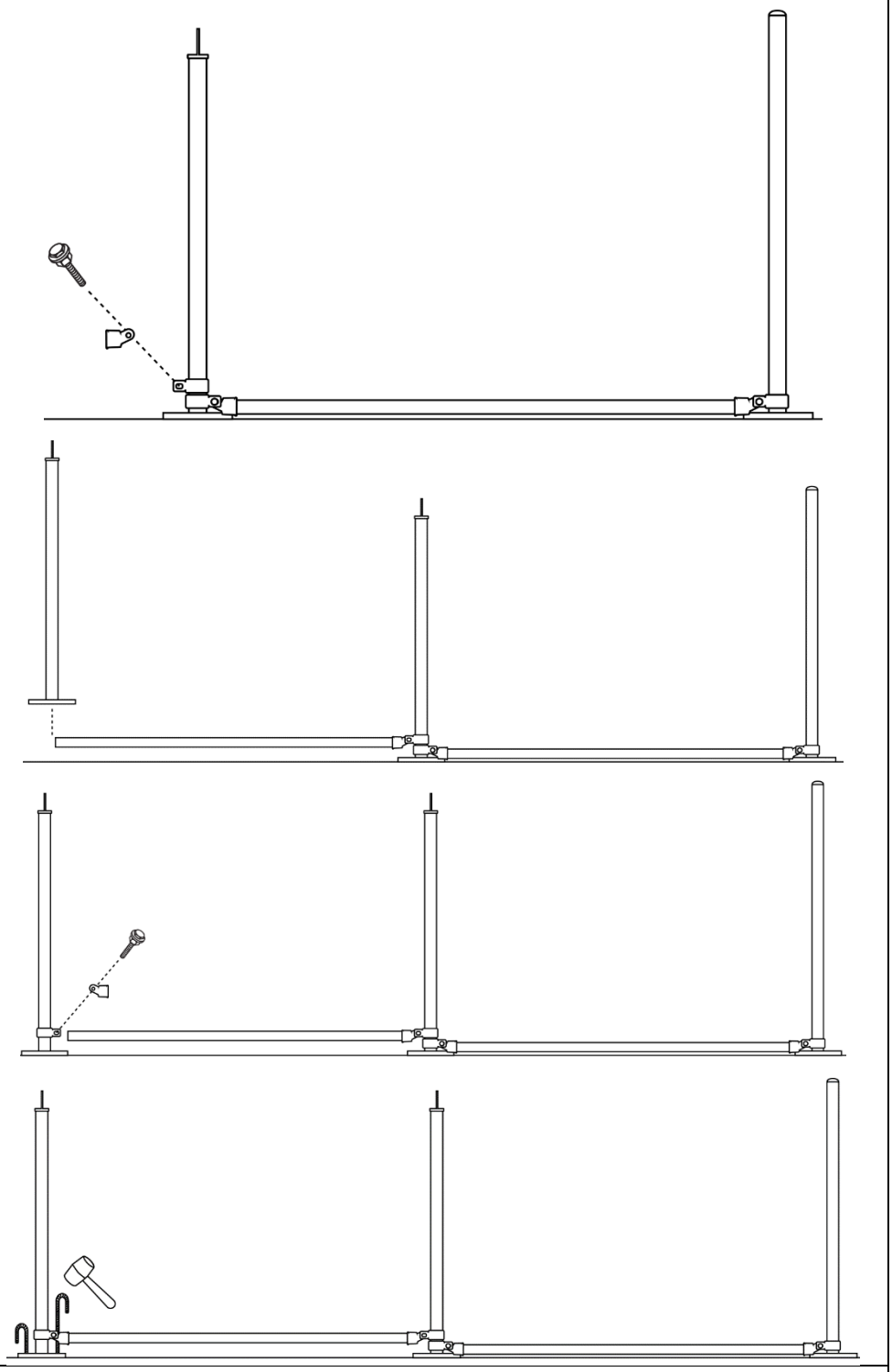
**3.**



4. Attach another **BRACE BAND (L2)** and **BRACE CUP (K)** to the bottom of your **LINE POST (A)** and secure with **a CARRIAGE BOLT (M)**. Insert a **BOTTOM RAIL PIPE (G)** into the **LINE POST BRACE CUP** assembly. Where the **BOTTOM RAIL PIPE** ends will guide you where to put your next **LINE POST (A)**. Attach **a BRACE BAND (L2)** and **BRACE CUP (K)** to the bottom of a **LINE POST (A)** and secure with a **CARRIAGE BOLT (M)**. Insert the opposite end of the **BOTTOM RAIL PIPE** into the **LINE POST BRACE CUP** assembly. Secure the **LINE POST (A)** by hammering in two **(2) REBAR STAKES (G)** in the diagonal holes of the **FOOT PADS (B)**.

**Note:** There will be two **LINE POSTS (A)** between each **CORNER POST (B)** for this size park.

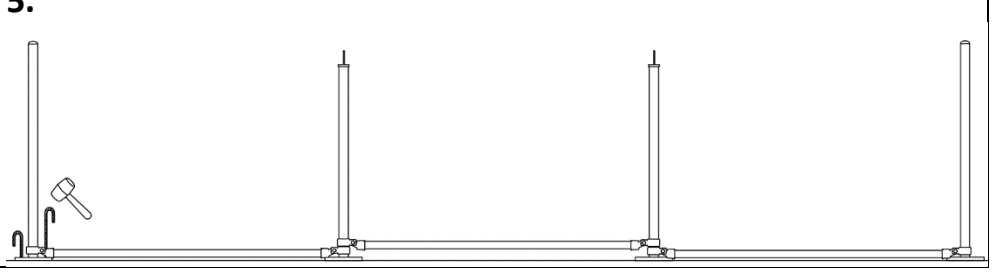
**4.**



5. Repeat **STEP 4** to connect the **LINE POST (A)** to the opposite **CORNER POST (B)**.

**Note**: Ensure all posts are in line with one another and adjust posts as necessary.

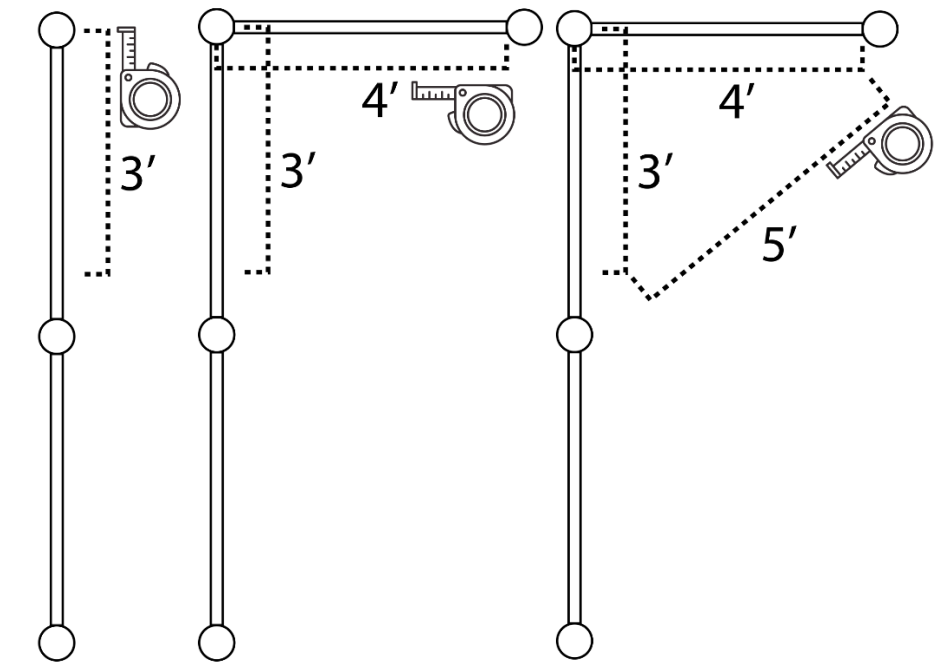
**5.**

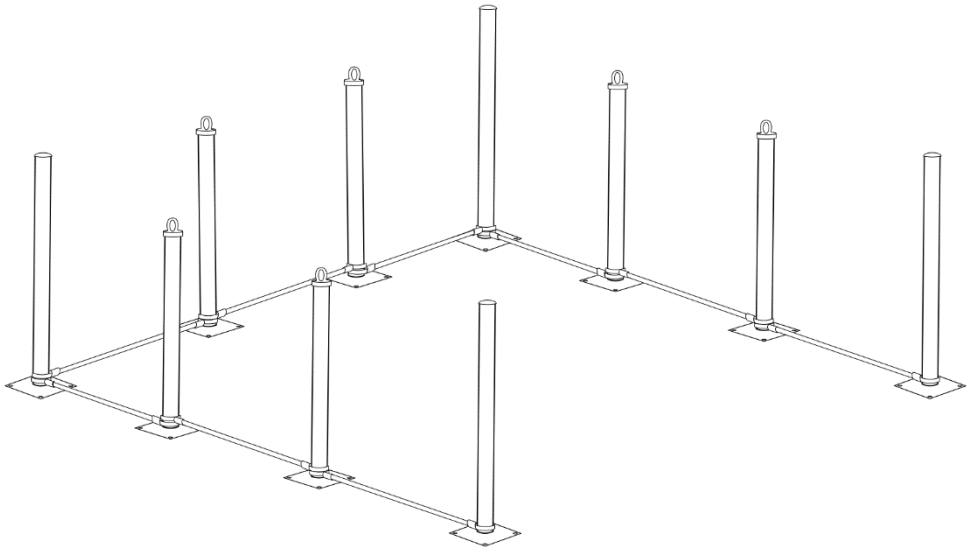


6. Repeat **STEPS 3-5** for remaining 3 sides.

**Note:** To ensure that your corners are square, use the 3-4-5 method. First, measure three feet on your straight line. Start in the corner and measure out, making a mark at three feet. Then, measure four feet on your perpendicular line, starting from the corner. Finally, stretch your tape measure from one mark to another. It should equal five feet. If not, measure out your triangle again.

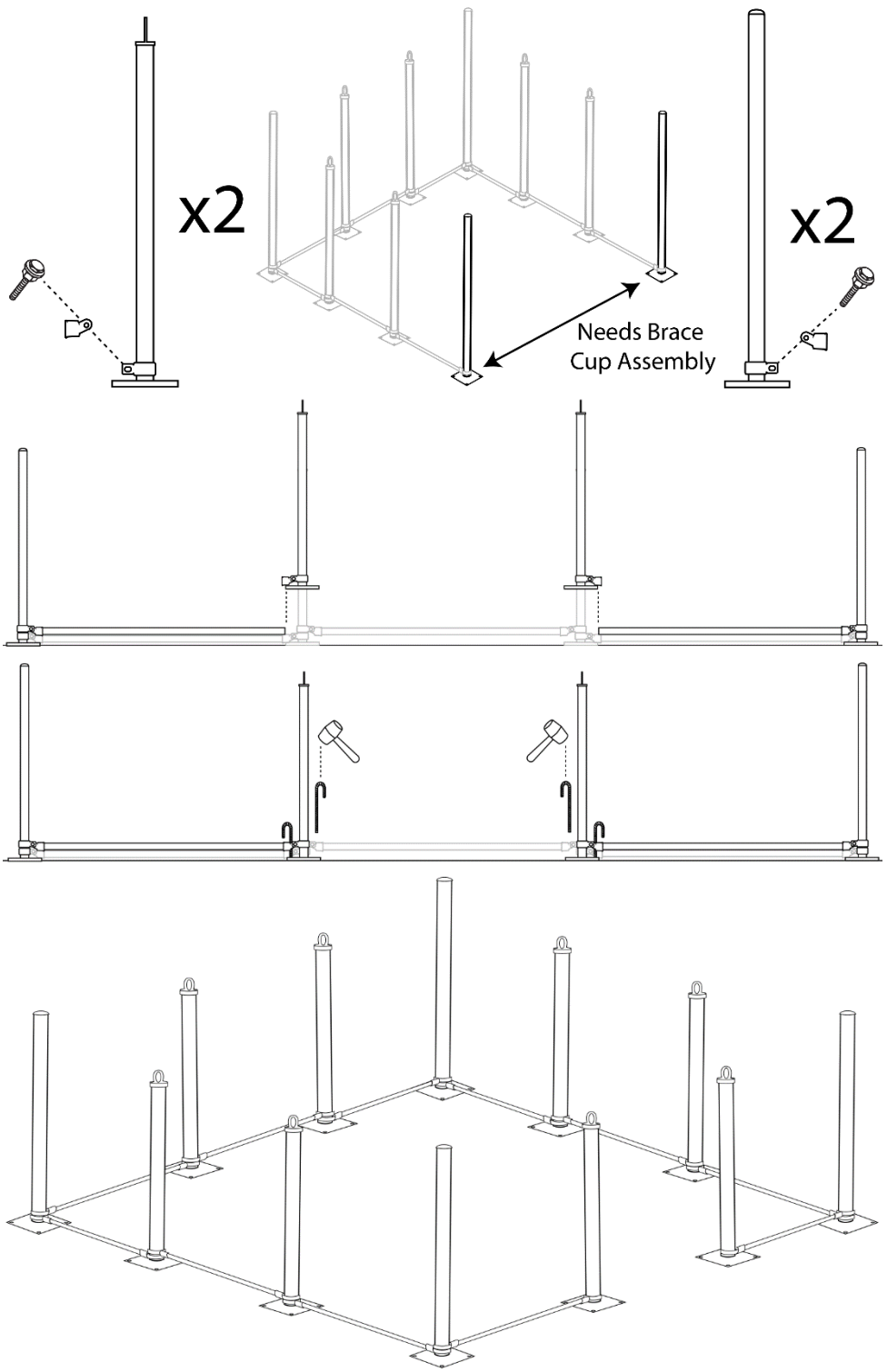
**6.**



7. For the front of the dog park, attach a **BRACE BAND (L2)** and **BRACE CUP (K)** to **two (2) LINE POSTS (A)** that will run parallel to the rear of the dog park and secure with a **CARRIAGE BOLT (M)**. Attach a **BRACE BAND (L2)** and **BRACE CUP (K)** to the two **CORNER POSTS (B)** on the open side of the park and secure with a **CARRIAGE BOLT (M)**. Insert a **BOTTOM RAIL PIPE (G)** into each adjacent **CORNER POST BRACE CUP** assembly. Where the **BOTTOM RAIL PIPE** ends will guide where to put the **LINE POSTS (A)**. Insert the opposite end of the **BOTTOM RAIL PIPE** into the **LINE POST BRACE CUP** assembly. Secure the **LINE POST (A)** by hammering in two **(2) REBAR STAKES (G)** in the diagonal holes of the **FOOT PADS (B)**.

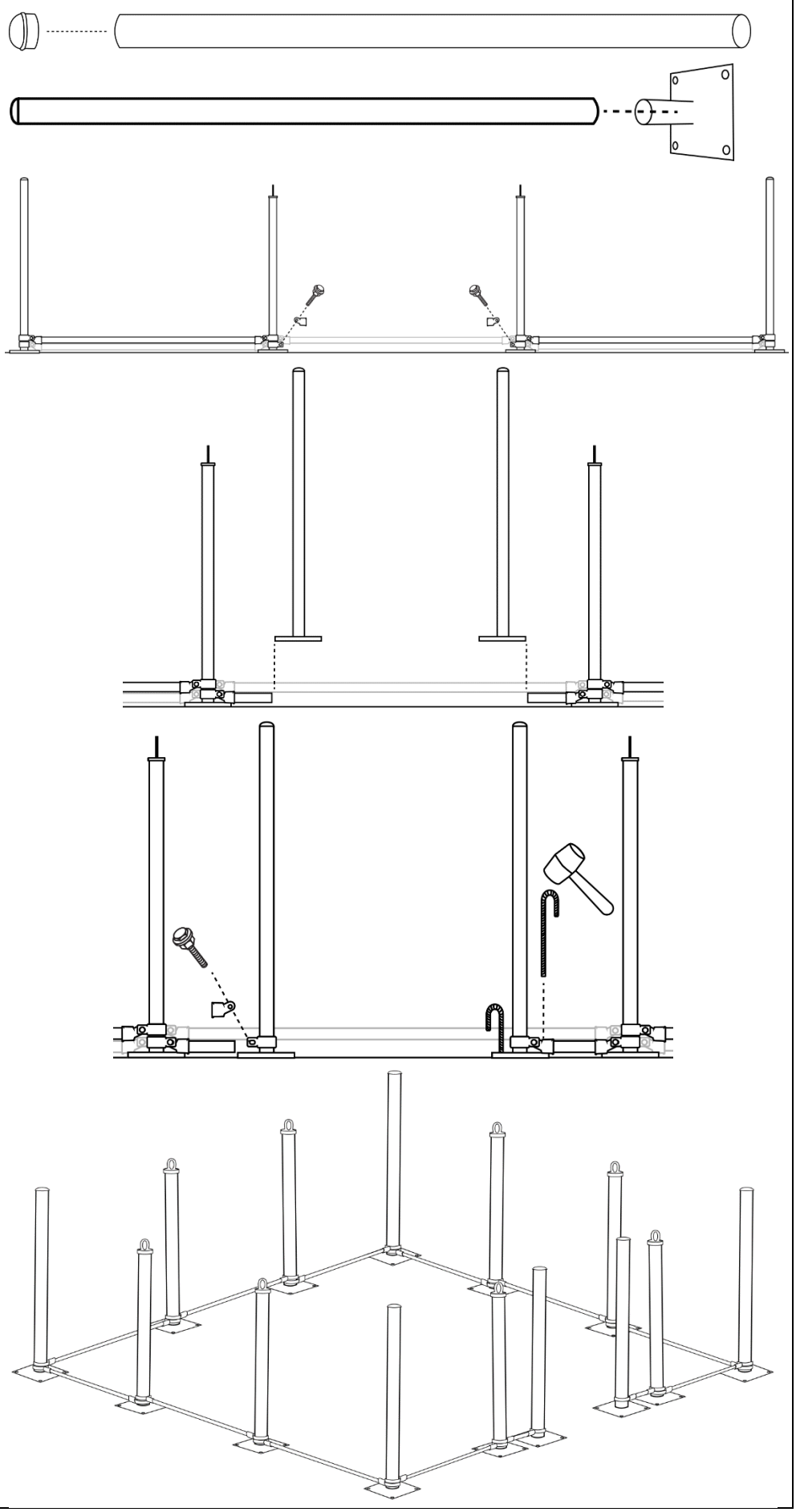
**7.**



8. For the gate of the airlock, insert the **DECORATIVE DOME CAP (C)** on the top of each **GATE FRAME POST (N)** before inserting the post in the **FOOT PADS (B)** at the bottom. Attach another **BRACE BAND (L2)** and **BRACE CUP (K)** to the bottom of your **LINE POST (A)** and secure with a **CARRIAGE BOLT (M)**. Insert a **BOTTOM RAIL PIPE (H)** into the **LINE POST BRACE CUP** assembly. Where the **BOTTOM RAIL PIPE** ends will guide you where to put the **GATE FRAME POSTS (N)**. Attach a **BRACE BAND (L2)** and **BRACE CUP (K)** to the bottom of **a GATE FRAME POST (N)** and secure with a **CARRIAGE BOLT (M)**. Insert the opposite end of the **BOTTOM RAIL PIPE** into the **GATE FRAME BRACE CUP** assembly. Secure the **GATE FRAME POST (N)** by hammering in two **(2) REBAR STAKES (G)** in the diagonal holes of the **FOOT PADS (B)**.

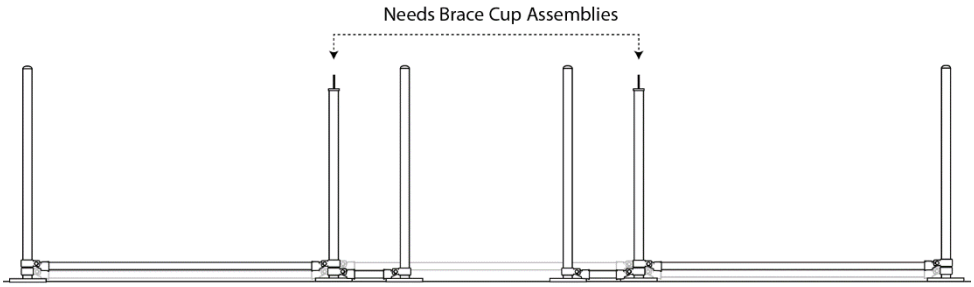
**Note:** Gate Frame Posts will hold your gate doors once assembled.

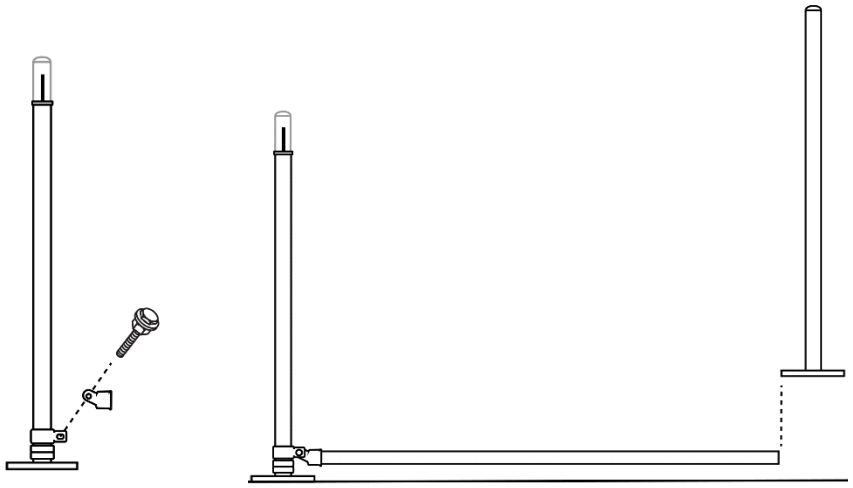
**8.**



9. For the sides of the airlock, attach a **BRACE BAND (L2)** and **BRACE CUP (K)** to the **LINE POST (A)** adjacent to the **GATE FRAME POST (N)** that will run perpendicular to the entrance of the dog park and secure with a **CARRIAGE BOLT (M)**. Insert a **BOTTOM RAIL PIPE (G)** into the **LINE POST BRACE CUP** assembly. Where the **BOTTOM RAIL PIPE** ends will guide where to put the **CORNER POST (B)**. Attach a **BRACE BAND (L2)** and **BRACE CUP (K)** to the bottom of a **CORNER POST (B)** and secure with a **CARRIAGE BOLT (M)**. Insert the opposite end of the **BOTTOM RAIL PIPE** into the **CORNER POST BRACE CUP** assembly. Secure the **CORNER POST (B)** by hammering in two **(2) REBAR STAKES (G)** in the diagonal holes of the **FOOT PAD (B)**. Repeat for the other side.

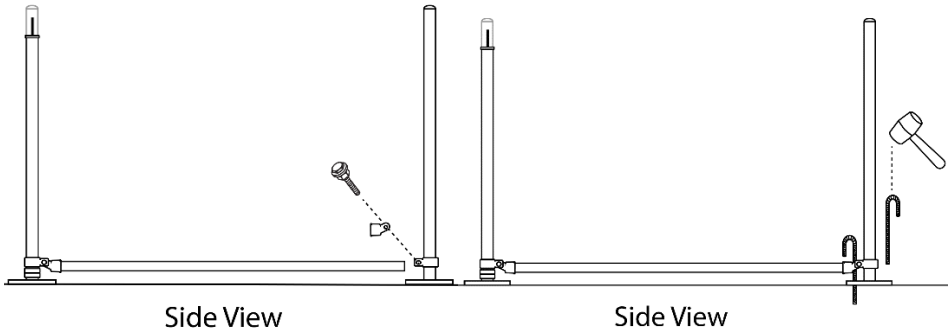
**9.**



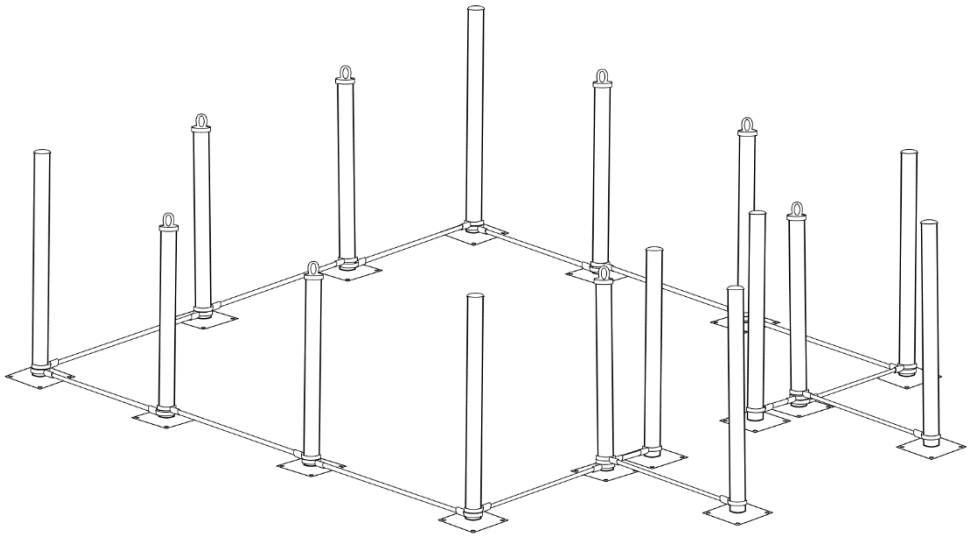
Side View

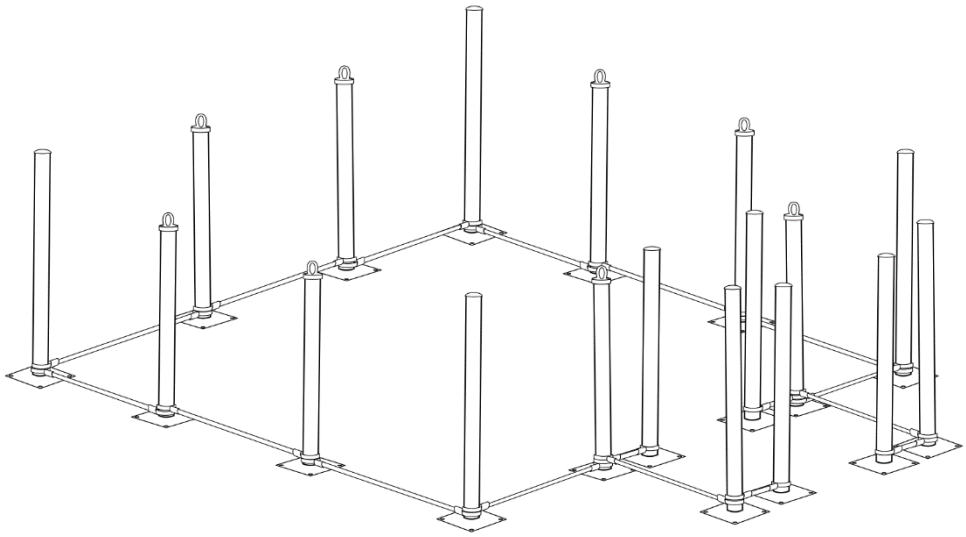
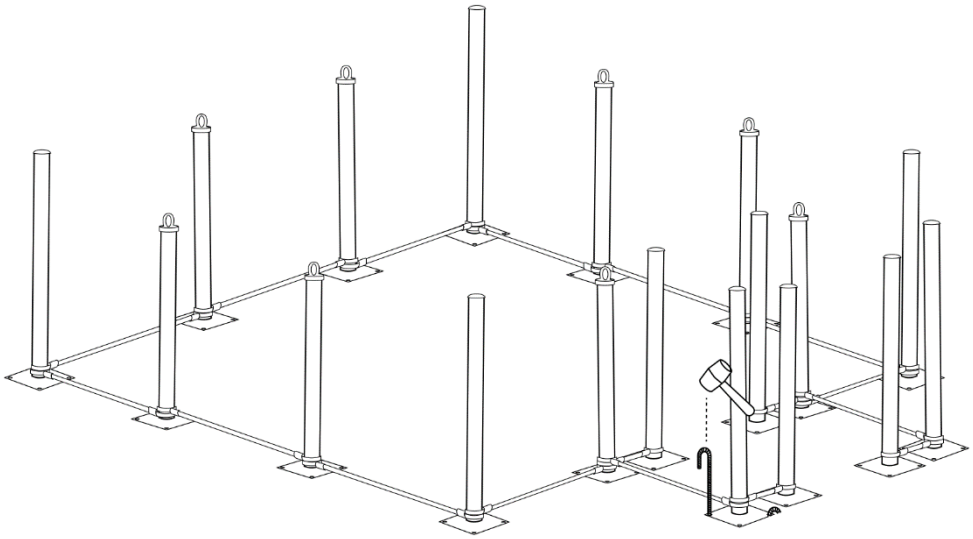
Side View



Side View

Side View

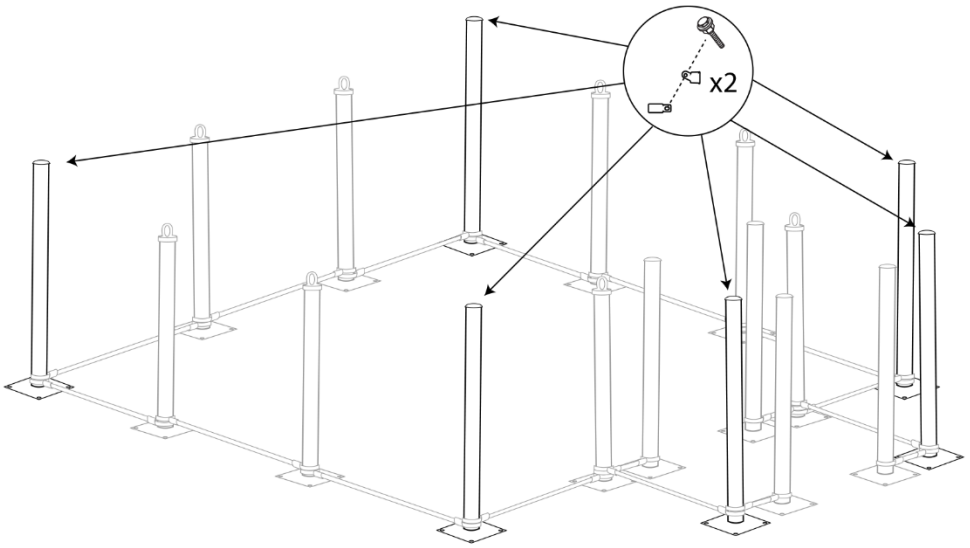


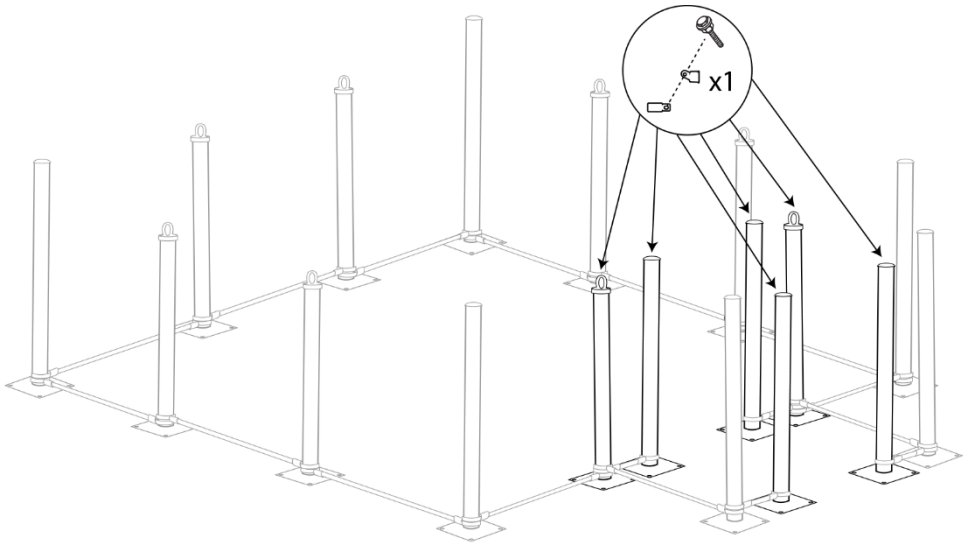
| | |
|---|---|
| 10. Repeat **STEP 8** to assemble the second gate frame to the corner posts | **10.**  |
| 11. Once all bottom rail is installed, take time to make sure all posts are in line and square. Secure all **FOOT PADS (B)** with remaining **REBAR STAKES (G)** in all holes**.** Hammer all stakes fully into the ground and tighten all **CARRIAGE BOLTS (M).** | **11.**  |

12. For top rail assembly: Slide **two (2) BRACE BAND (L2)** and **two (2) BRACE CUP (K)** over **ALL CORNER POSTS.** Slide **one (1) BRACE BAND (L2)** and **one (1) BRACE CUP (K)** on the **LINE POSTS (A)** adjacent to the inner gate frame and both **GATE FRAMES (N)**. Position them as close to the top of the post as possible. Secure all **BRACE CUP ASSEMBLIES** with **CARRIAGE BOLTS (M)**. When attaching the **BRACE CUP (K)** to the **BRACE BAND (L2)**, position the cup so that the **TOP RAIL PIPE (E)** will be **IN LINE** with the fence line for each direction of the turn.

**Note**: Hand tighten all carriage bolt and screw all carriage bolts with the nut facing the **INSIDE** of the enclosure.

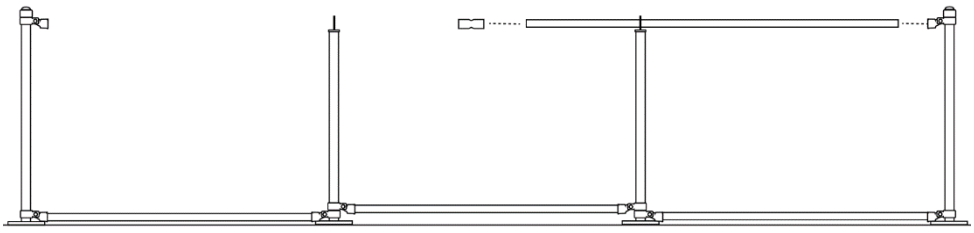
**12.**



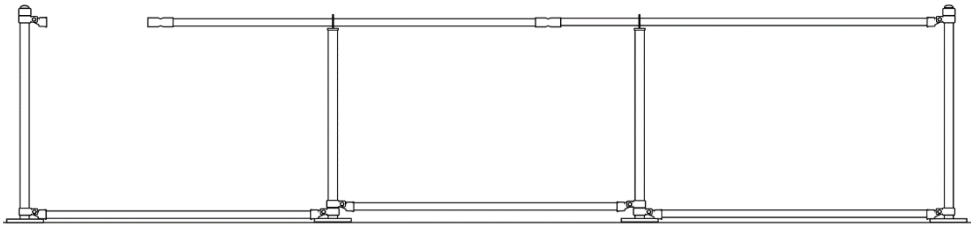




13. Starting from a **CORNER POST (B),** insert the **TOP RAIL PIPE (E)** through the **LOOP CAP (D)** of the adjacent **LINE POST (A)** to the **CORNER POST (B)** and into the **BRACE CUP (K).** Attach the **PIPE COUPLER (I)** on the end of the **TOP RAIL PIPE (J)**. Repeat this step until you reach the next **CORNER POST (B) OR GATE FRAME POST (N).**

**13.**



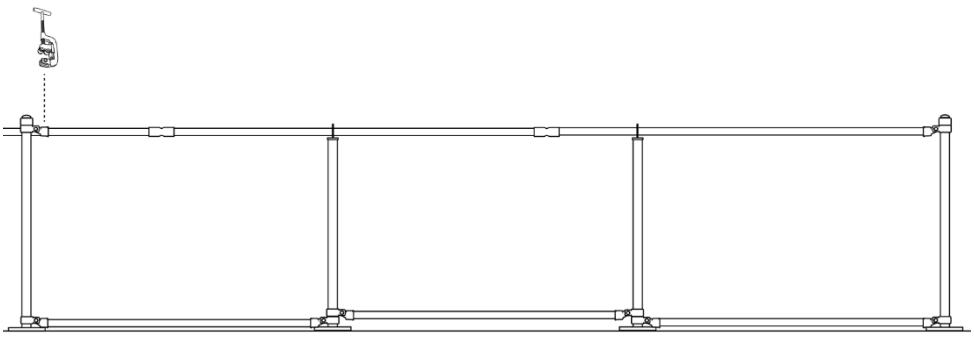
Side View



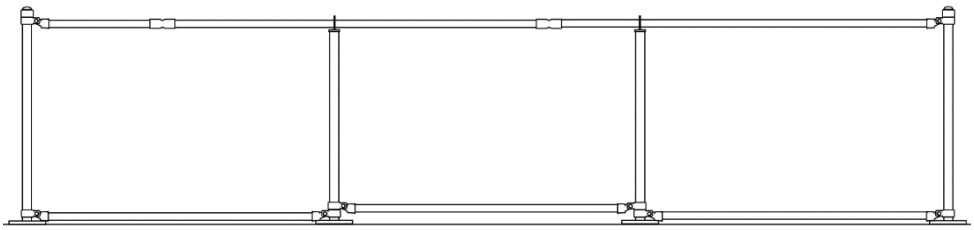
Side View

14. To terminate the **TOP RAIL PIPE (E)** at a **CORNER POST (B) OR GATE FRAME POST (N)**, mark where you need cut the **TOP RAIL PIPE (E)** so that it can be inserted into the **BRACE CUP (K)**. Use the **PIPE CUTTER (H)** to trim the excess pipe. Insert the end of the trimmed **TOP RAIL PIPE (E)** into the **BRACE CUP (K)** on the **CORNER POST (B) OR GATE FRAME POST (N).**

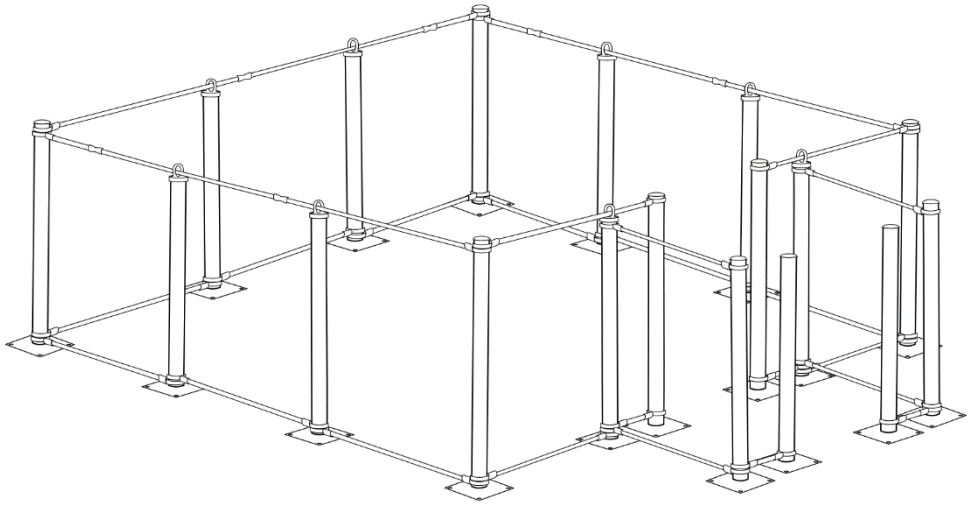
**14.**



Side View

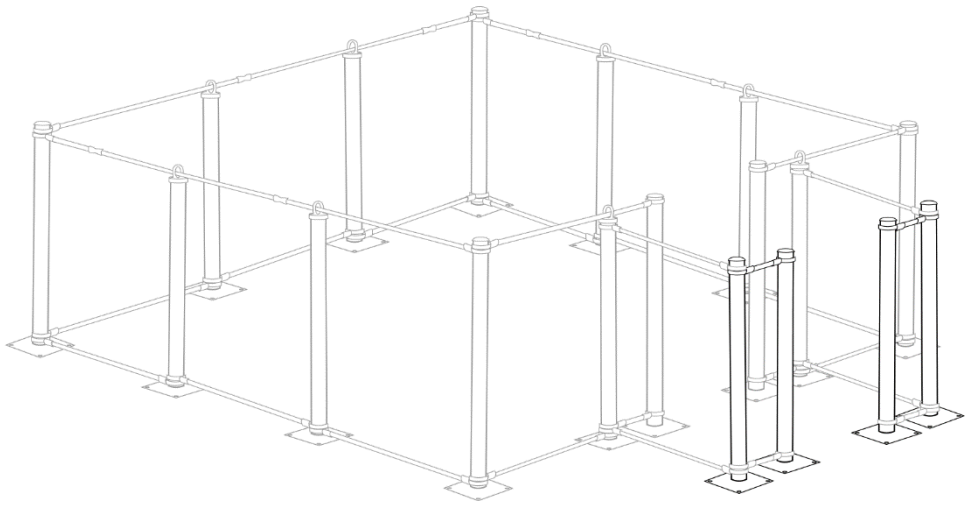


Side View



15. Repeat **STEP 8** for the **TOP RAIL GATE PIPE (F)**. This will be for the front gate assembly.

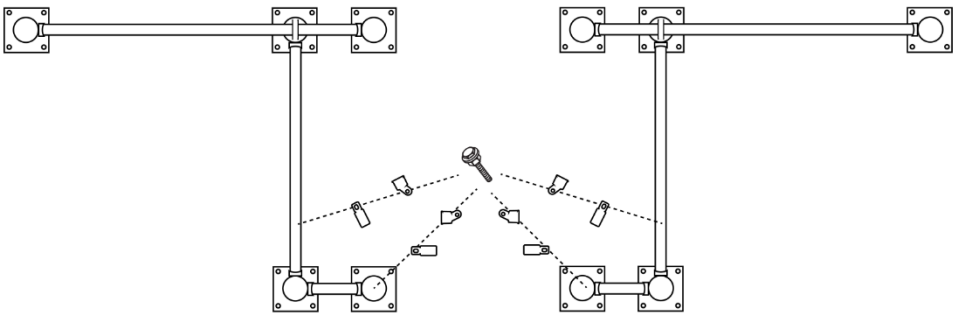
**15.**



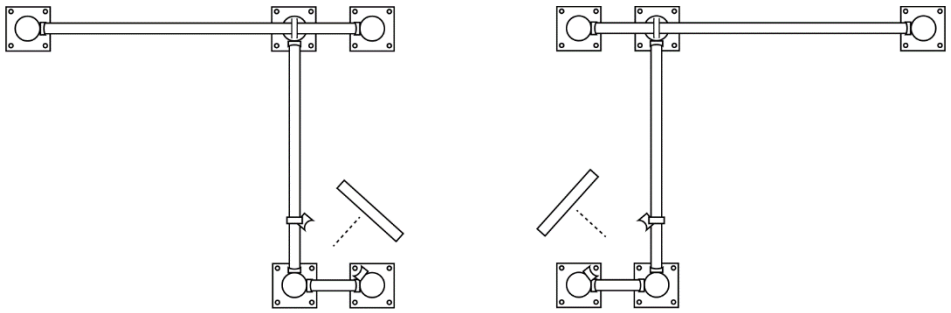
16. For gate support assembly: Begin at the **GATE FRAME POSTS (N)** for the outer gate frame and slide **one (1) BRACE BAND (L1)** and **BRACE CUP (K)** to the top of each **GATE FRAME POST (N)** and secure with a **CARRAIGE BOLT (M).** Repeat **one (1) BRACE CUP ASSEMBLY** on each of the **TOP RAIL PIPE (E)**. This assembly attaches sideways. Face each assembly diagonally towards each other and insert the **GATE SUPPORT PIPE (I)** into each **BRACE CUP (K)**. Repeat for the other side.

**Note:** These supports help stabilize the gate frame for the airlock.

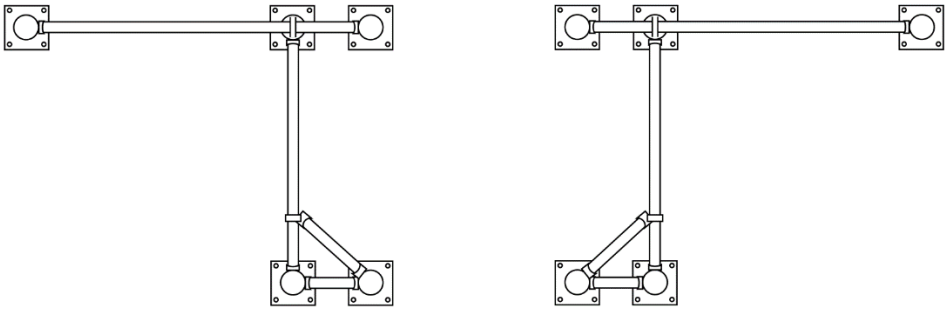
**16.**



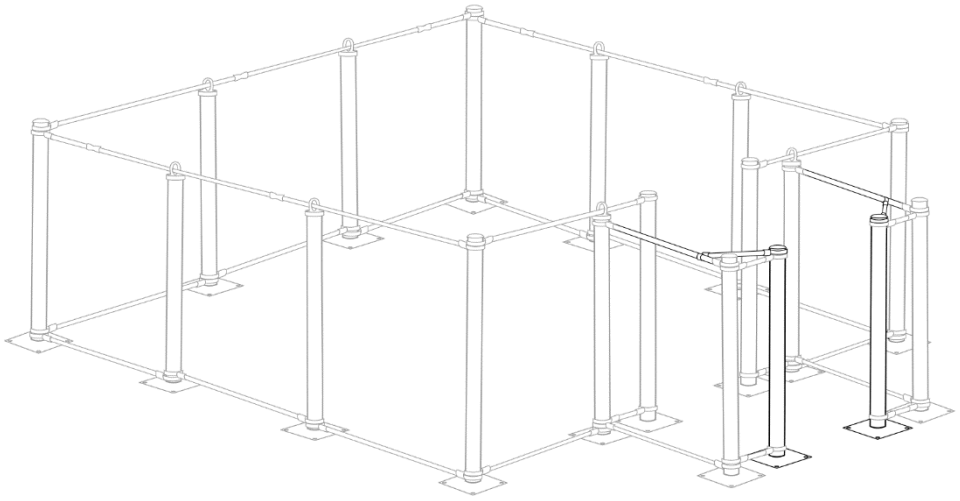
Top Down View



Top Down View

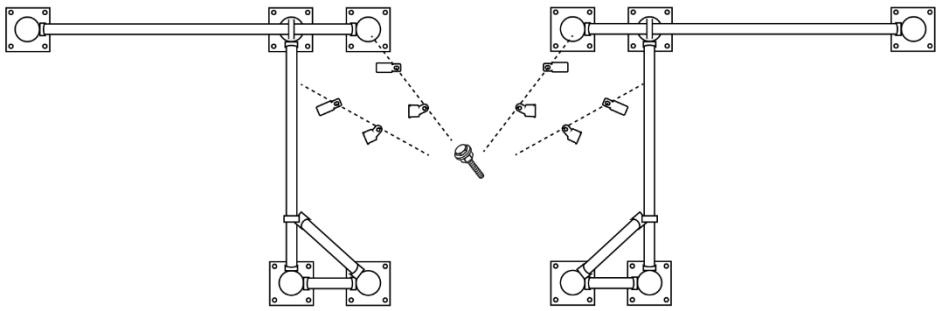


Top Down View

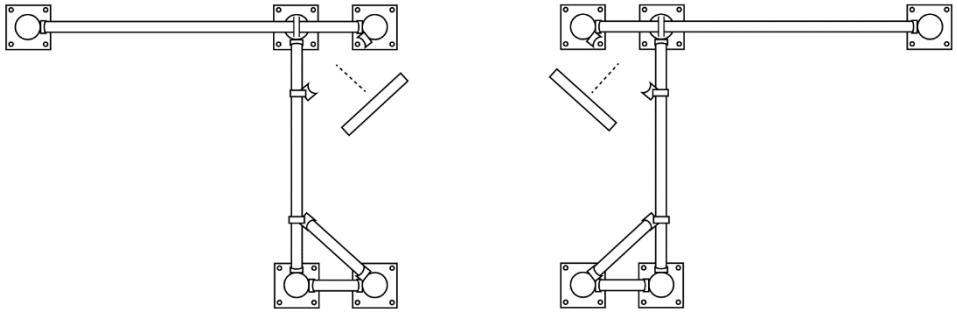


17. Repeat **STEP 16** for the inner gate frame support.

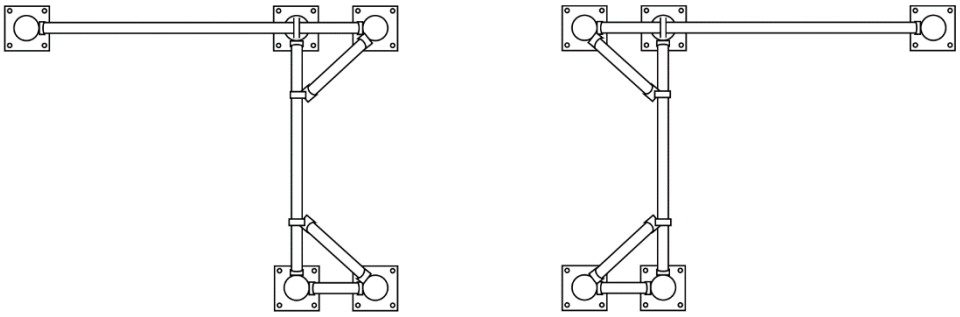
**17.**



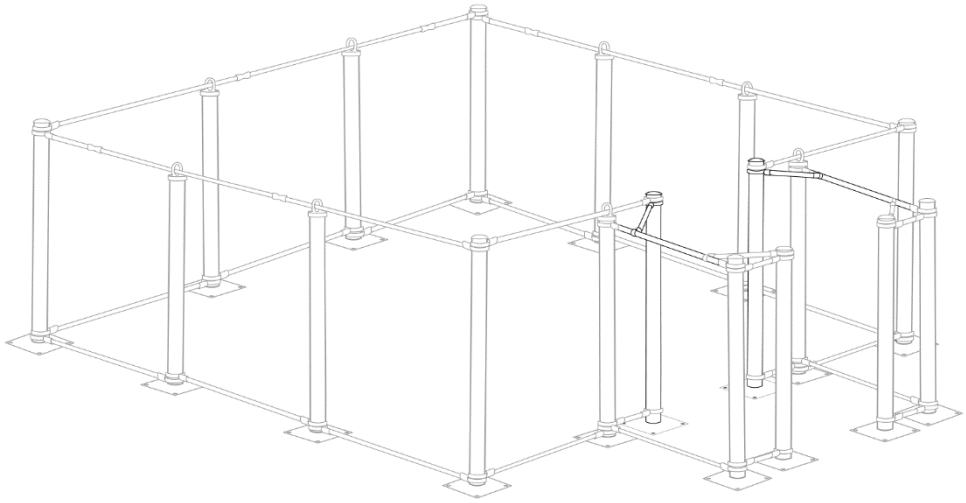
Top Down View



Top Down View

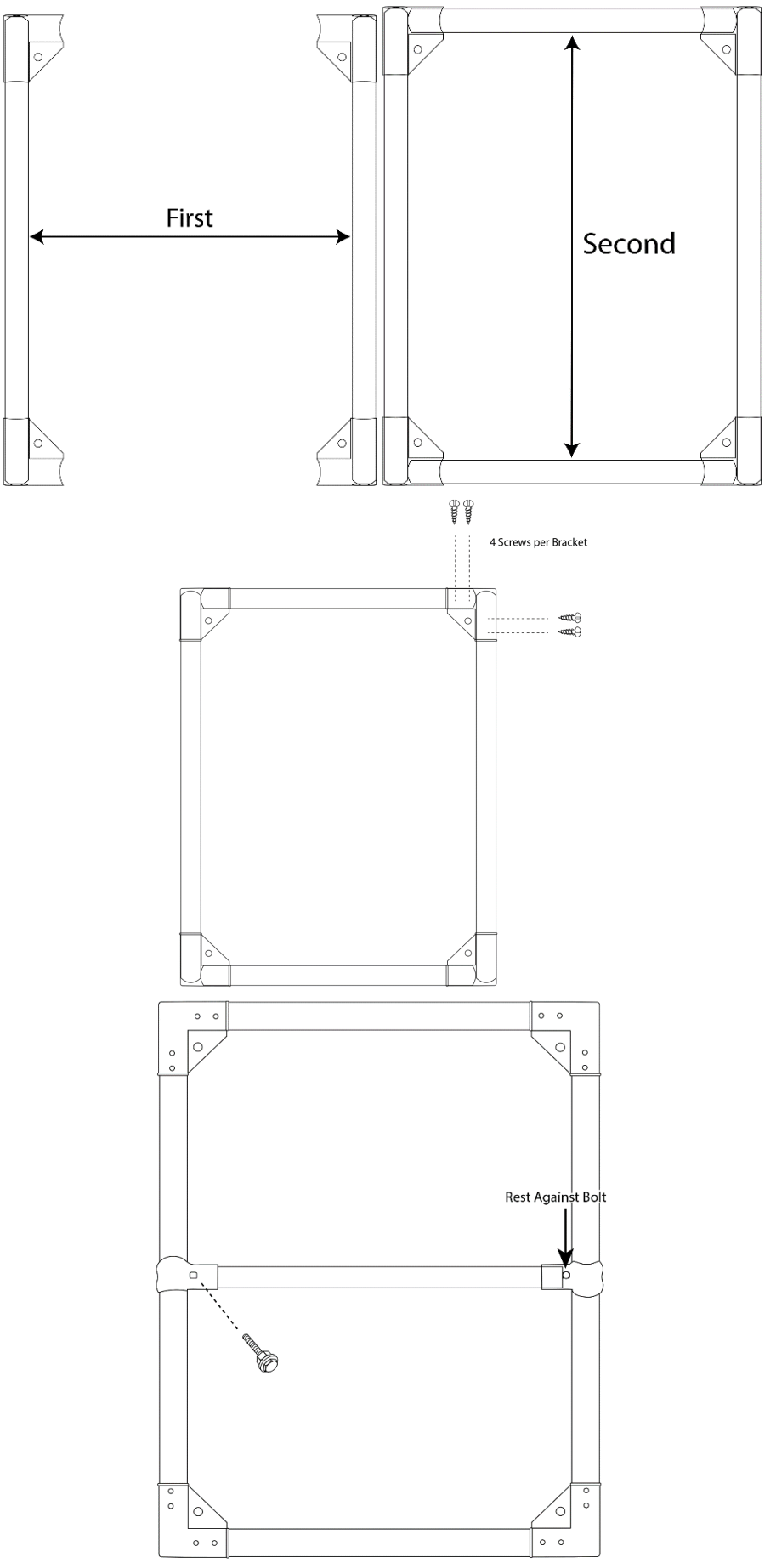


Top Down View



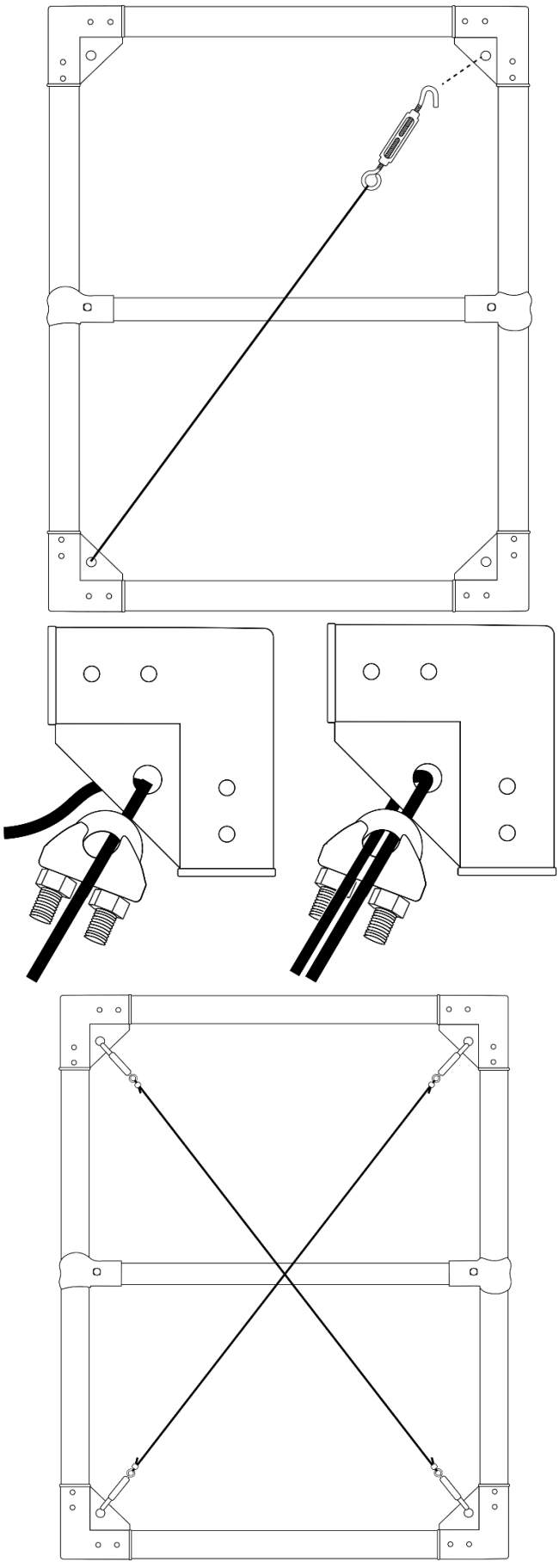
18. For Gate Door Assembly: Insert **VERTICAL GATE DOOR POST (B)** into **CORNER ELBOW (C).** Then slide in the **HORIZONTAL GATE DOOR POST (C)** into the **CORNER ELBOW (T)** so that it presses tightly against the **VERTICAL POST (B)**. Secure the **POSTS** inside the **CORNER ELBOWS (T)** using **SELF-TAPPING SCREWS (J).** Finally, attach the **CENTER BAR (D)** on both sides of the **VERTICAL GATE POSTS (B)** with an **END CLAMP (U)** on either end. Secure the **END CLAMP (U)** in place with a **CARRIAGE BOLT (R)** on the **CENTER** of each **VERTICAL GATE POST (B).**

**18.**



19. Open the **TURNBUCKLE (V)** by twisting both ends. Place the hook end of one **TURNBUCKLE (V)** through the hole in one top **CORNER ELBOW (T)** and stretch the cable diagonally to the hole in the bottom **CORNER ELBOW (T)**. Pass the cable through the **CONNECTION CLIP (Z)** and then through the hole in the **CORNER ELBOW (T)**. Pass the end of the cable through the **CONNECTION CLIP (Z)** again. Position the **CONNECTION CLIP (Z)** close to the **CORNER ELBOW (T)** and tighten using the small nuts. Repeat on the opposite side creating an "X" across the gate. Evenly tighten the **TURNBUCKLES (V)** on each side to keep the gate square.

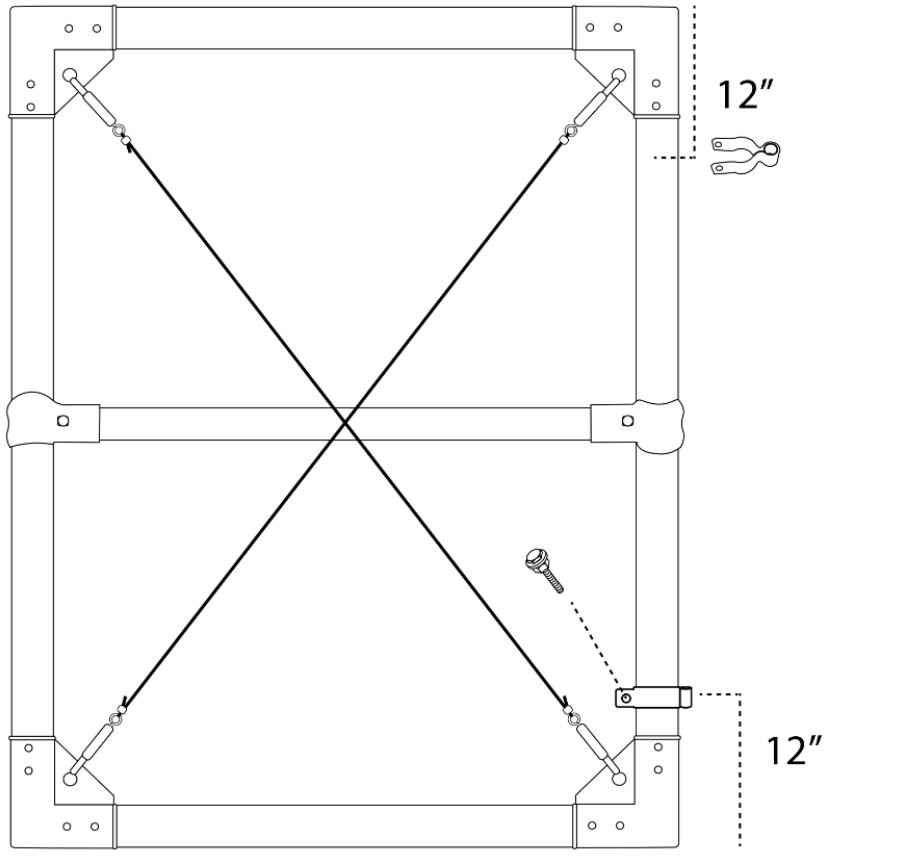
**19.**

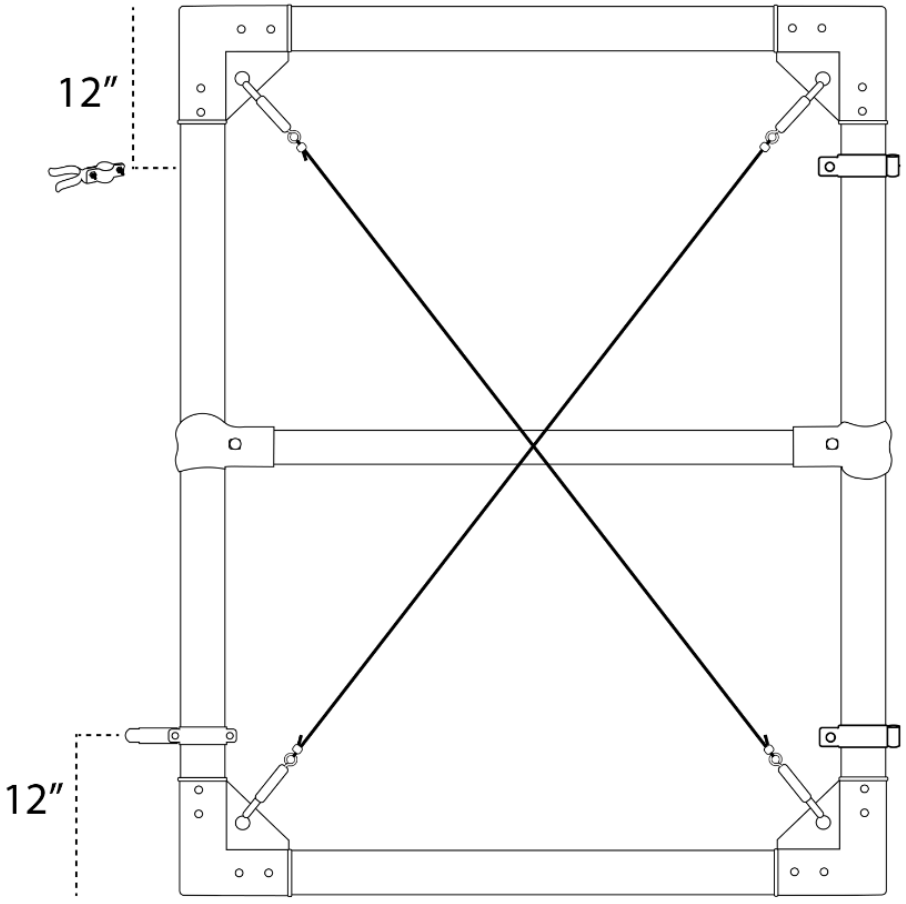


20. On one side of the newly assembled gate door, measure **12”** from the **TOP** and **12”** from the **BOTTOM** of the door. Attached the **FEMALE HINGE (Y)** at these marked points with a **CARRIAGE BOLT (Q)**. On the opposite side of the gate door, attach the **FORK LATCH (W)** at the same height as the **FEMALE HINGES (Y)**; **12”** from the **TOP** and **12**” from the **BOTTOM**.

**Note:** You can attach the hinges and latches to either side of the door frame to accommodate which way it will open in the system.

**20.**

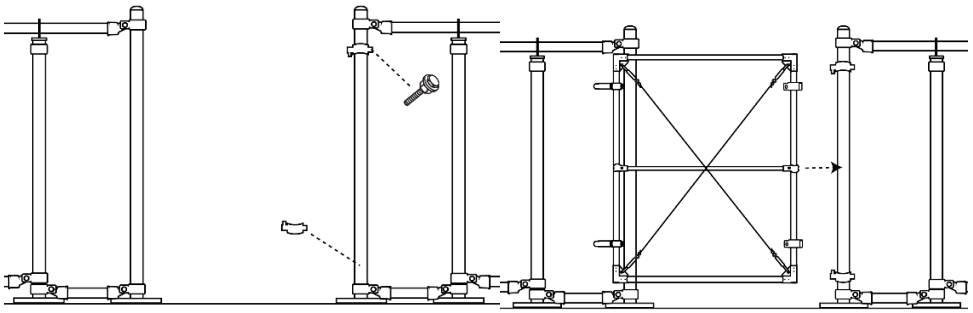


21. Attach the **MALE HINGES (X)** to one side of the **GATE FRAME POST (N)** and secure them with a **CARRIAGE BOLT (Q).** Do not tighten the bolts completely. Position the **GATE DOOR** on the **INSIDE** of the **GATE FRAME POSTS (N)** at the desired height, then slide the **MALE HINGES (X)** up into the **FEMALE HINGES (Y)** to attach the gate. Once positioned, you can tighten the **CARRIAGE BOLTS (Q)** of the **MALE HINGES (X).** Finally, cover the entire **GATE DOOR** with your fence mesh and fasten the mesh to the **GATE DOOR** using **SELF-LOCKING TIES (E)**. Trim excess material as needed. Repeat **STEPS 18-21** for the second gate door.

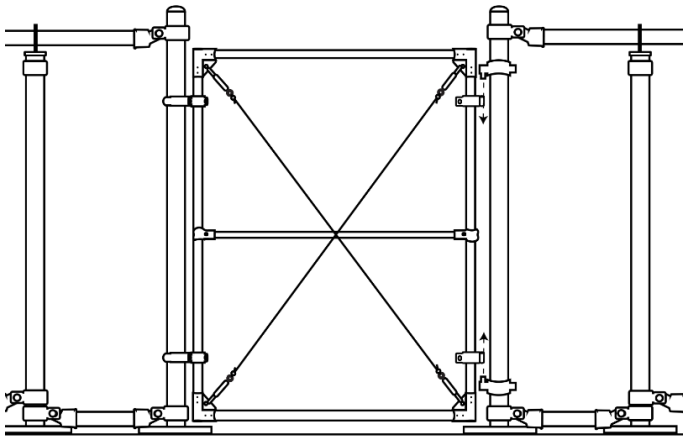
**Note:** You do not need a tie for every square on the mesh. We recommend 1 tie for every 1' along the pipe of the gate door.

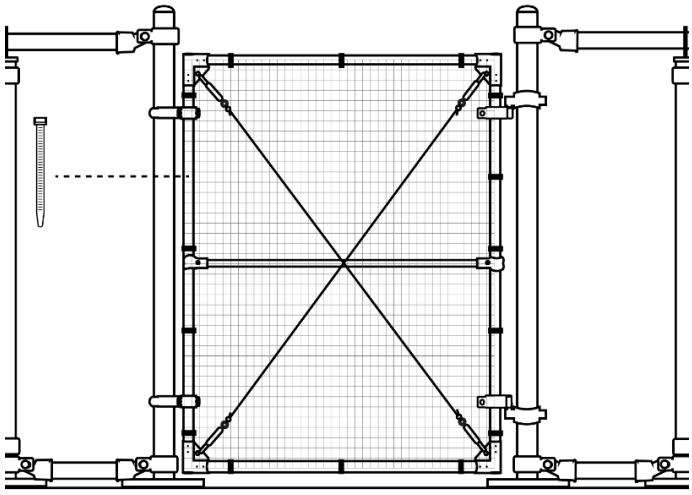
**21.**

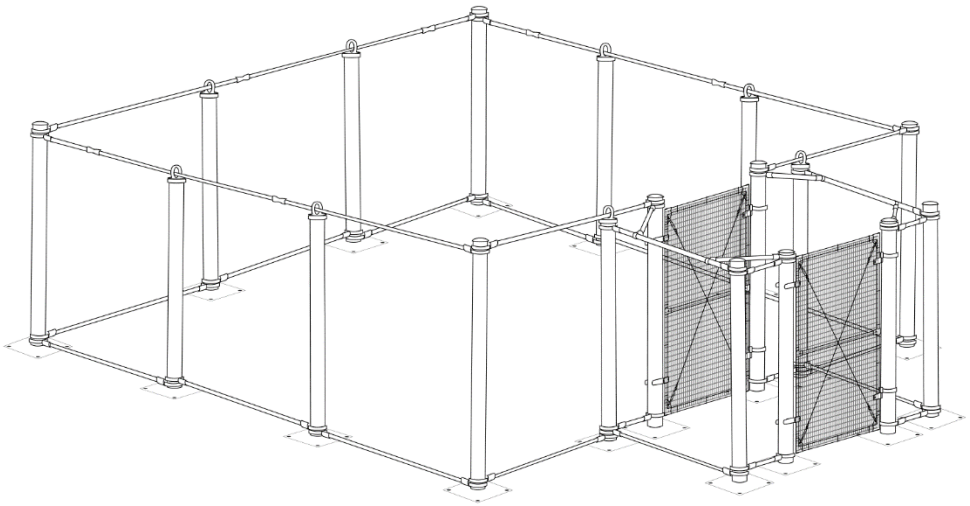


Inner Gate Frame

Inner Gate Frame



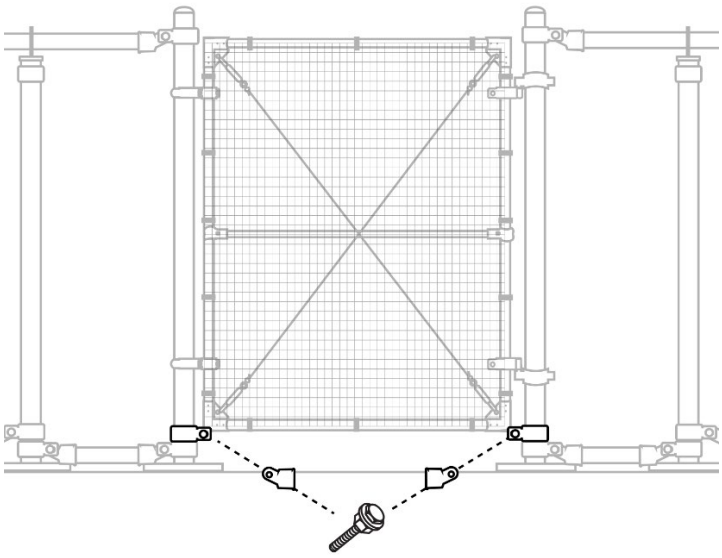




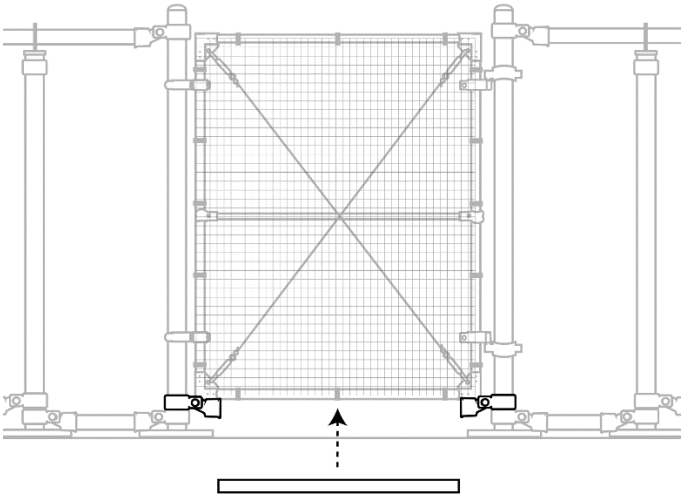
## Optional: Gate Bottom Gap Bar Instructions (Skip Step if Not Applicable)

1. If your inner gate door has a gap at the bottom, you can install the **GATE BOTTOM GAP BAR (J)** using an extra set of **BRACE BANDS (L2)** and **BRACE CUPS (K)** with a **CARRIAGE BOLT (M)** on either side of the inner **GATE FRAME POSTS (N)**. Attach the **BRACE CUP ASSEMBLY** to each **FRAME POST (N)** and insert either end of the **BOTTOM GAP BAR** into the **CUPS (K)**.

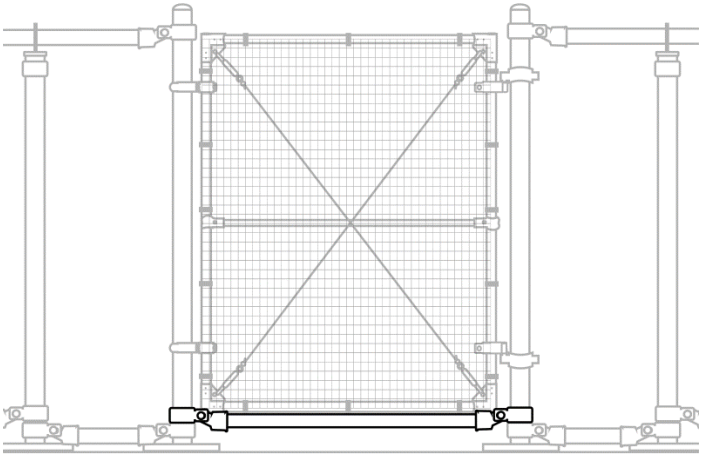
**1.**



Inner Gate Frame



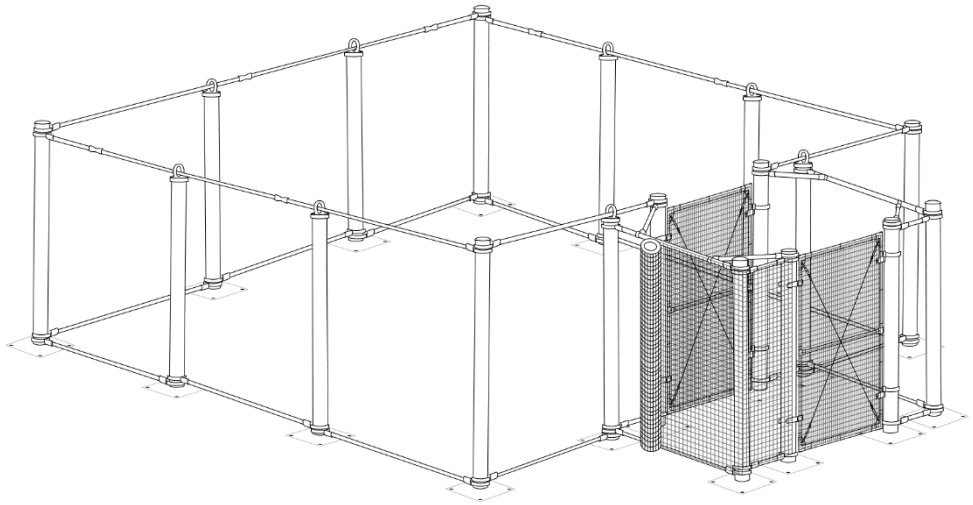
Inner Gate Frame

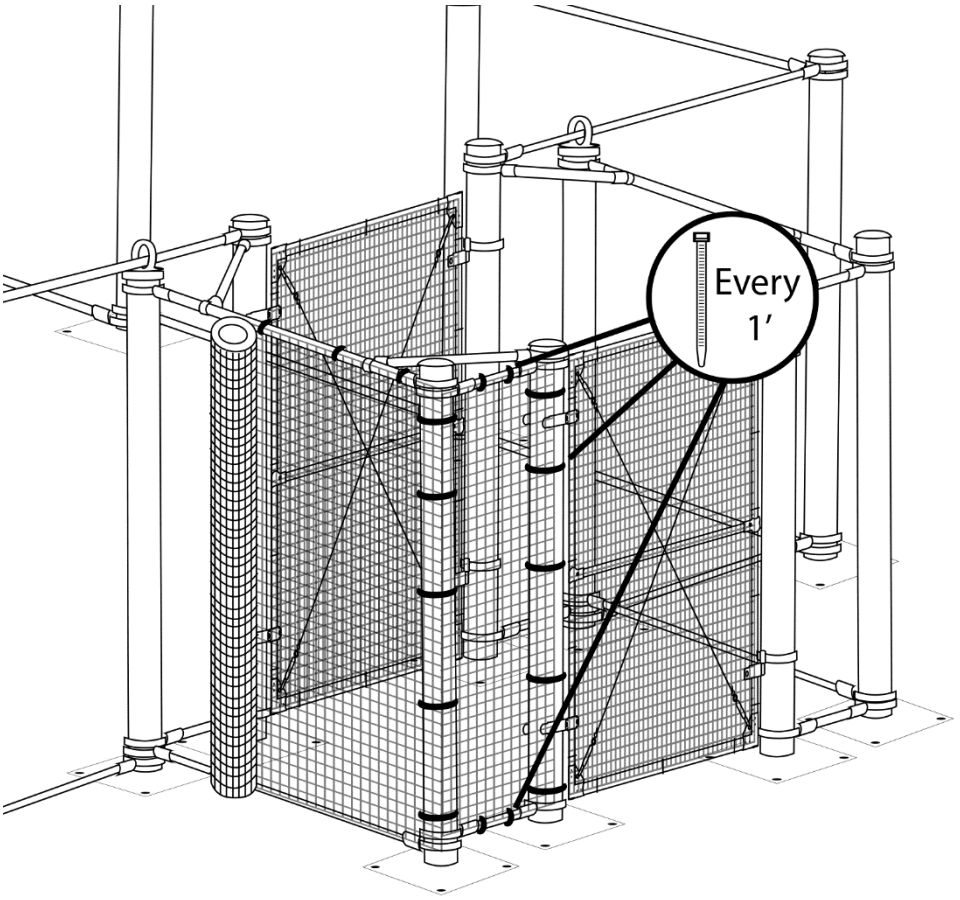


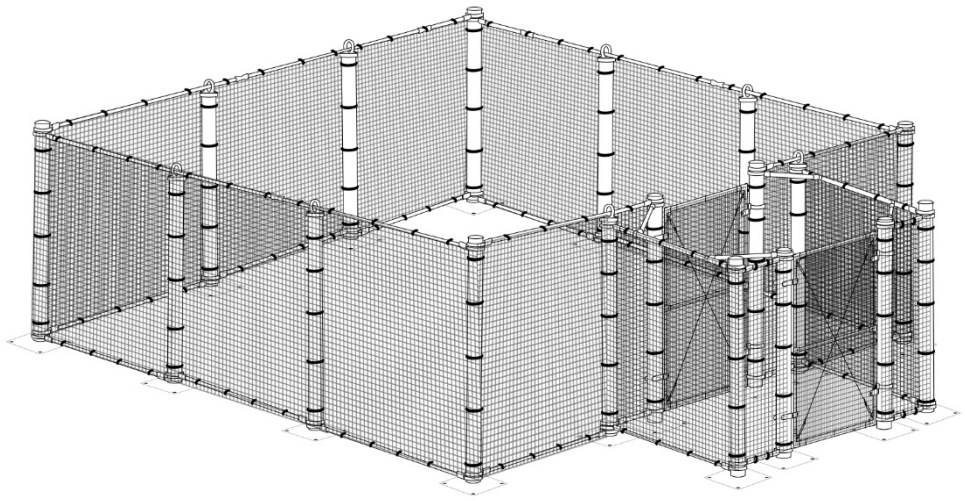
Inner Gate Frame

22. Installing the Fence Mesh: Starting on the **OUTSIDE** of your fence line at the first **GATE FRAME POST (N),** attach your **FENCE MESH (A)** to the **LINE POSTS (A), TOP RAIL PIPE (E),** and **BOTTOM RAIL PIPE (G)** using a **SELF-LOCKING TIE (E)** and the **CUTTER PULLER TOOL (F)**. You'll want to use a **SELF-LOCKING TIE (E)** every 12" along your **LINE POSTS (A), TOP RAIL PIPE (E),** and **BOTTOM RAIL PIPE (G).**

**22.**





| | |
|---|---|
| 23. As you unroll the **FENCE MESH (A)**, go along the perimeter of the fence line until all sides are enclosed. Make sure to cover where the gate frames meet with the dog park for the airlock.<br><br>**Note:** You can cut and panel the fence at the inner corners where the airlock meets the dog park. This will allow for easier installation. | **23.**<br>  |

**Important Notes:**
Remember to install all line posts and gate posts before starting to set up the fence mesh.

When unrolling the fence, tie it to the posts before making any cuts to ensure that the fence is well attached. During installation, take care to not overstretch any of the fence mesh. You want to ensure that the fence is taught but not stretched out.