



**DYNAMO INDUSTRIES**

[www.dyanmoplaygrounds.com](http://www.dyanmoplaygrounds.com)

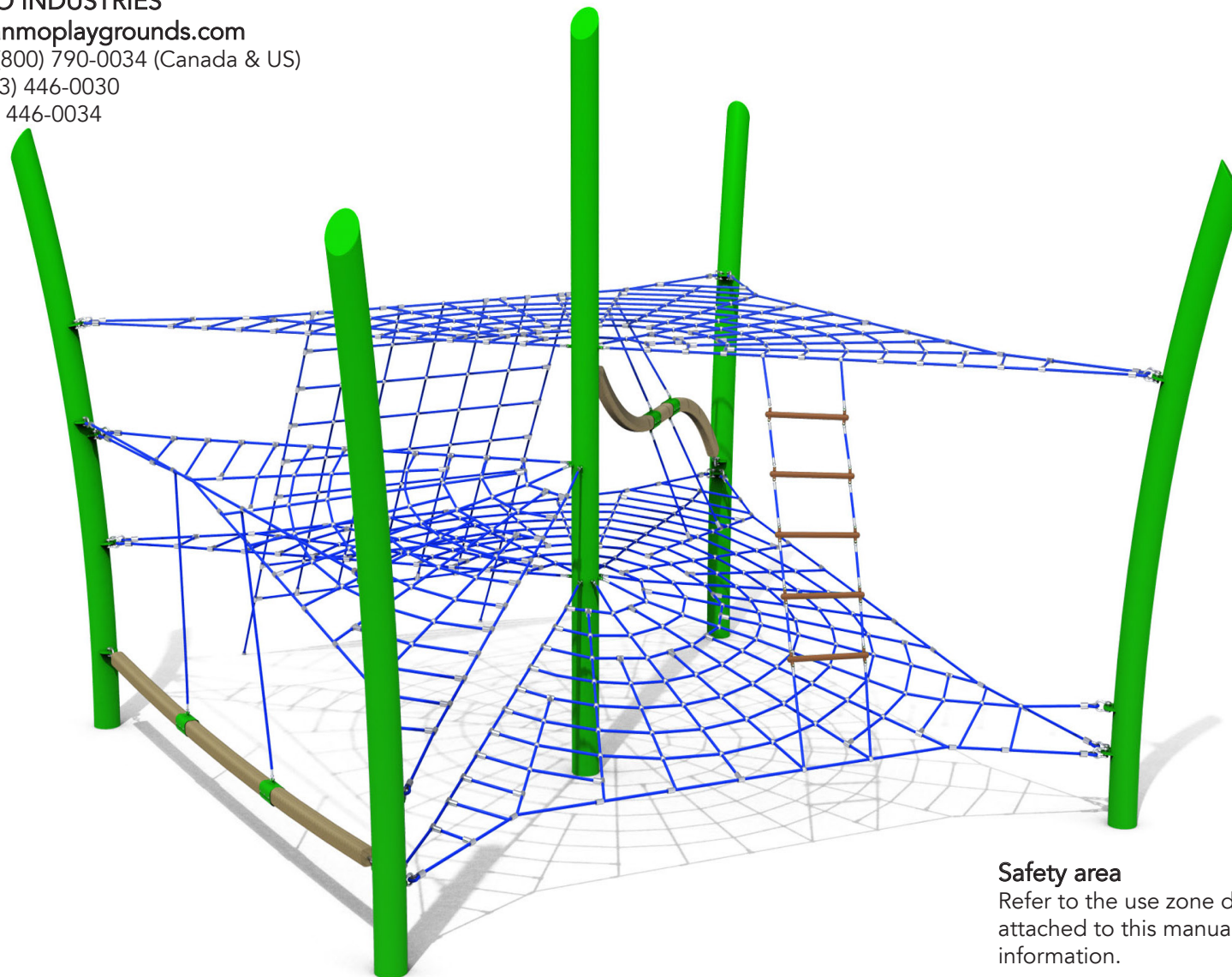
Toll free: (800) 790-0034 (Canada & US)

Local: (613) 446-0030

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**WARNING**

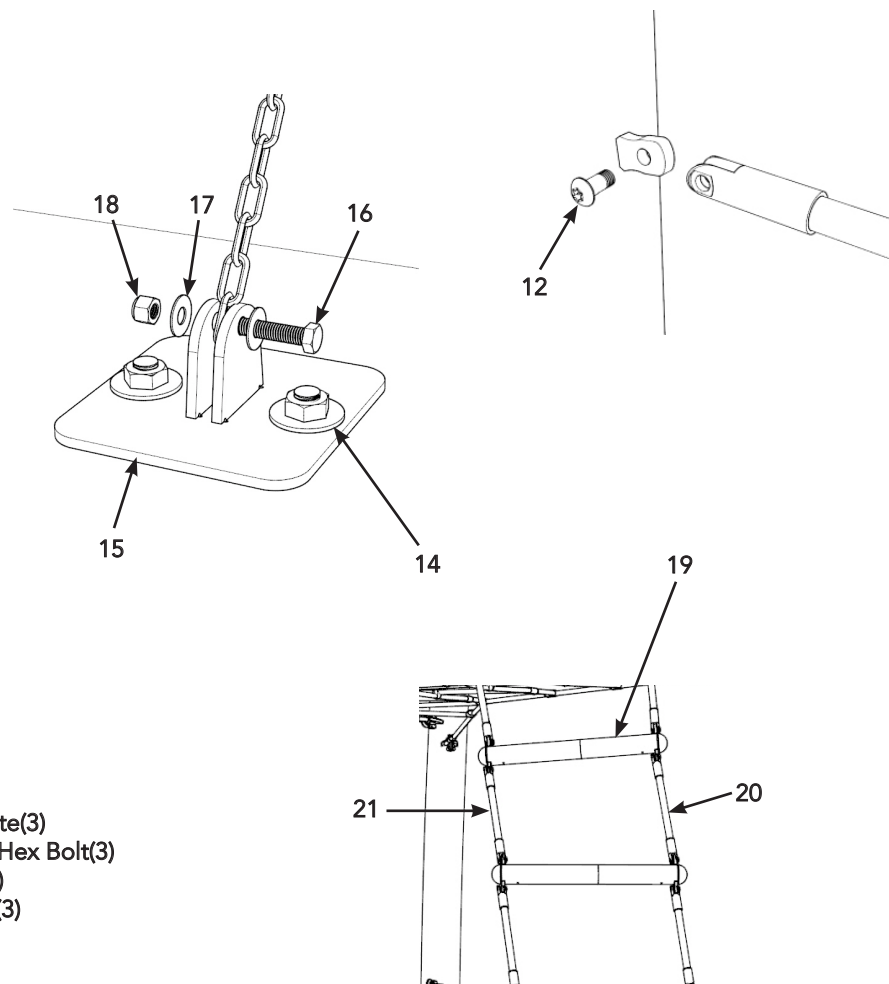
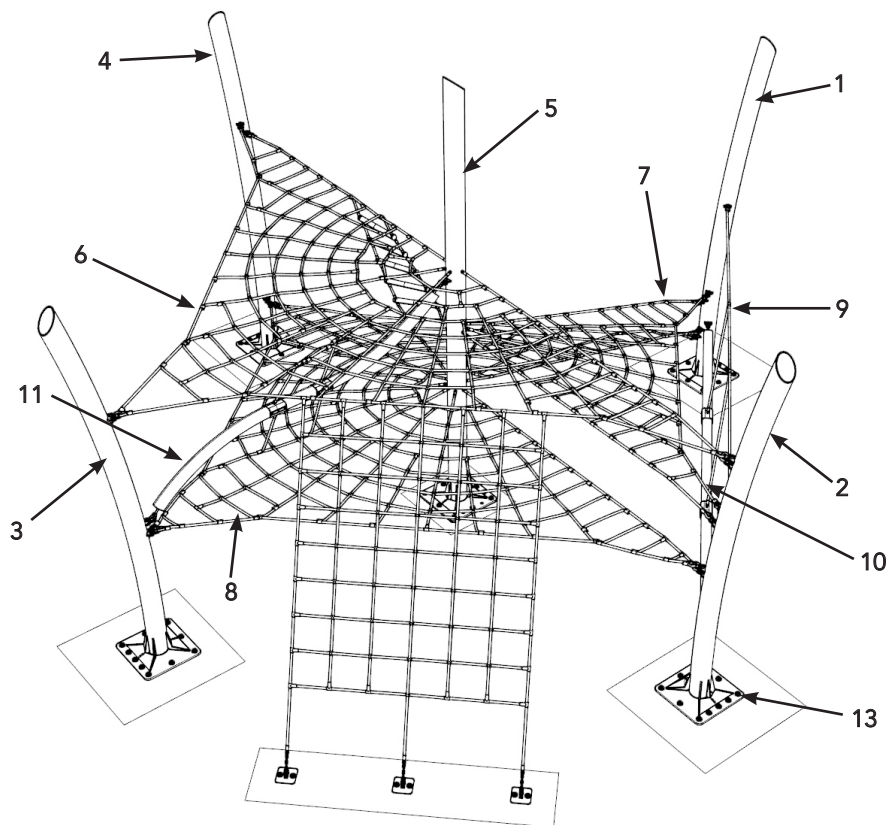
INSTALLATION OVER  
A HARD SURFACE  
SUCH AS CONCRETE,  
ASPHALT, OR  
PACKED EARTH MAY  
RESULT IN SERIOUS  
INJURY OR DEATH  
FROM FALLS.



Ages: 5 to 12 years  
Capacity: 75 children  
Size: L: 26' 10" / 8.17m  
W: 22' 10" / 6.98m  
H: 17' 7" / 5.30m

**Safety area**

Refer to the use zone drawing document  
attached to this manual for specific layout  
information.

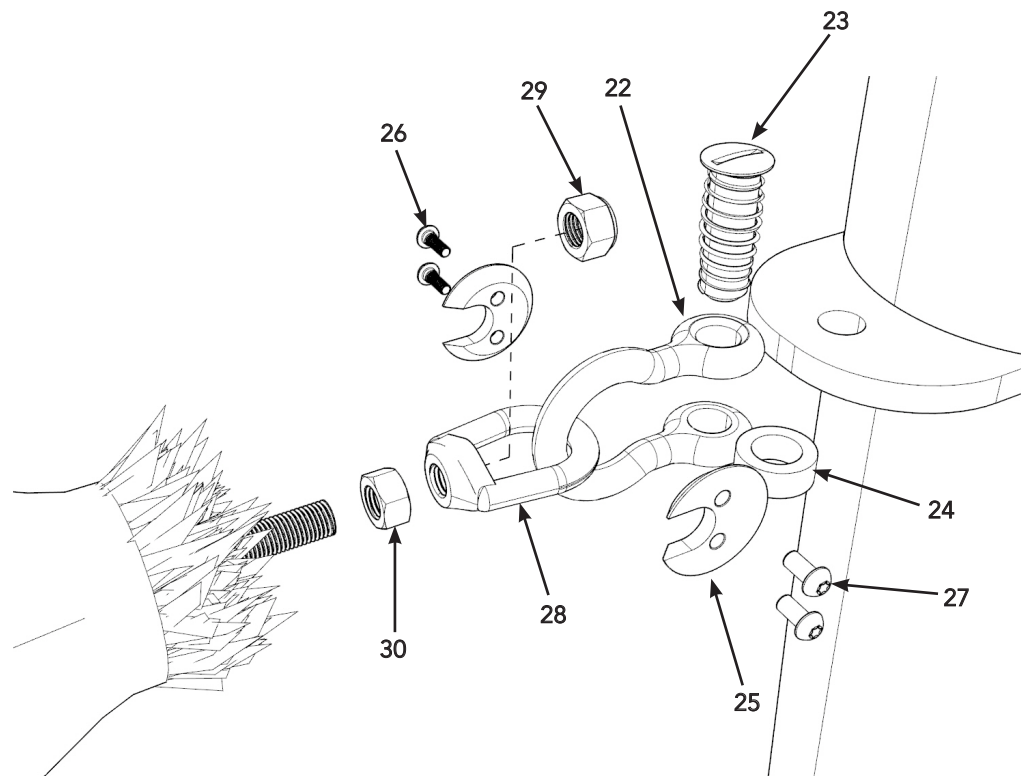


Quantity in parentheses

1. Post A(All Posts and Nets 1 each)
2. Post B
3. Post C
4. Post D
5. Post E
6. Net 1
7. Net 2

8. Net 3
9. Net 4
10. Coconut Rope Long (1)
11. Coconut Rope Short (1)
12. M10 X 23 Shoulder Bolt(40)
13. 1 X 12" Wedge Anchor Set(50)
14. 3/4 X 8-1/2" Wedge Anchor Set(6)

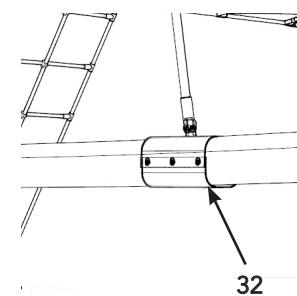
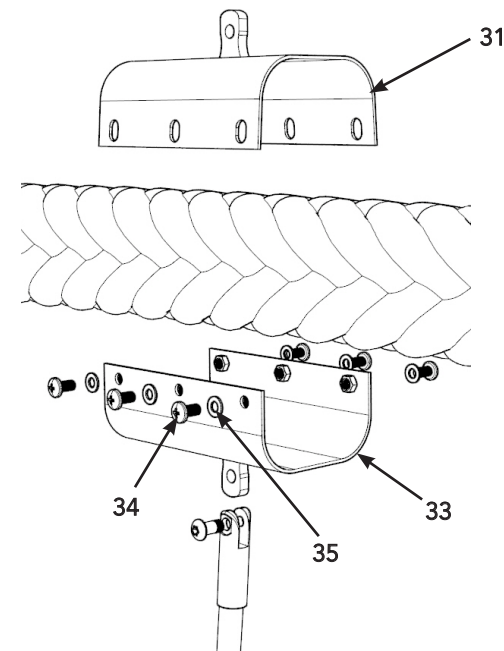
15. Small Base Plate(3)
16. 1/2" X 2-1/2" Hex Bolt(3)
17. 1/2" Washer(6)
18. 1/2" Lock Nut(3)
19. Rung(5)
20. Long Riser(4)
21. Short Riser(4)



- 22. Shackle(24)
- 23. Shackle Bolt(24)
- 24. Shackle Bushing(24)
- 25. Shackle Shroud(48)
- 26. M6 X 12 Button Head Bolt(48)

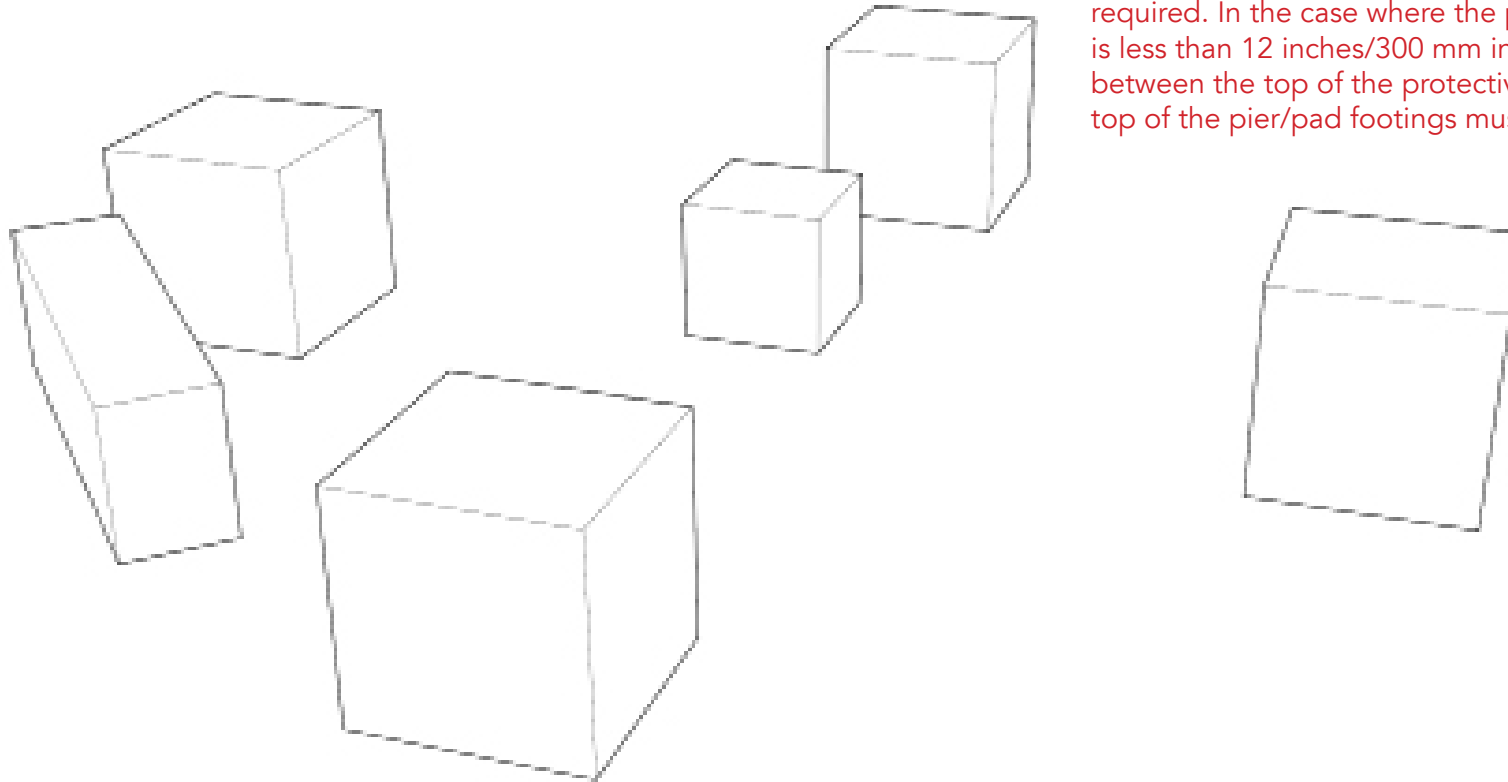
- 27. M6 X 20 Barrel Nut(48)
- 28. Eye Nut(4)
- 29. M16 Lock Nut(4)
- 30. M16 Nut(4)
- 31. Coconut Rope Clamp Side A(4)

- 32. Coconut Rope Clamp Side B(2)
- 33. Coconut Rope Clamp Side B With Igloo Tab(2)
- 34. M8 X 15 Button Head Bolt(24)
- 35. M8 Washer(24)



### Foundation

Please refer to the attached Layout Drawings for exact installation dimensions and surfacing requirements. It is critical that the foundations be made as smooth and level as possible.



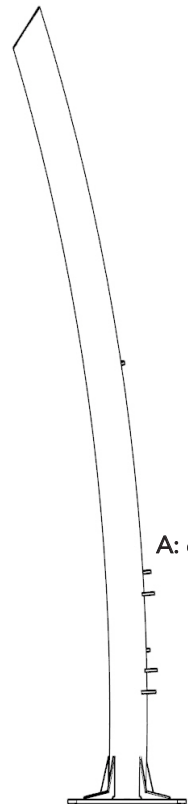
### Resilient Surfacing NOTE:

12 inch/300mm depth from the top of the protective surfacing to the top of the pier or pad footings is required. In the case where the protective surfacing is less than 12 inches/300 mm in depth the distance between the top of the protective surfacing and the top of the pier/pad footings must be maintained.

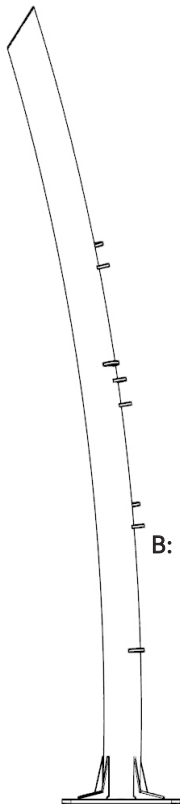
### Foundation Notes

Place 3500 psi or 25 MPa concrete into form work until required level is reached. Level off top of pier or footing and screed smooth with broom finish, typical.  
Concrete must cure a minimum of 24 hours before form work is removed.  
Compact fill around the edges of the pad by hand or machine and place fill in 4 inch (100mm) lifts.

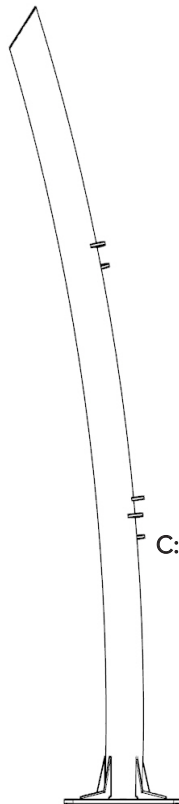
The 5 Posts that comprise the structure are referred to by the labels "A" through "E". See the illustrations to determine their location. The Posts are NOT interchangeable.



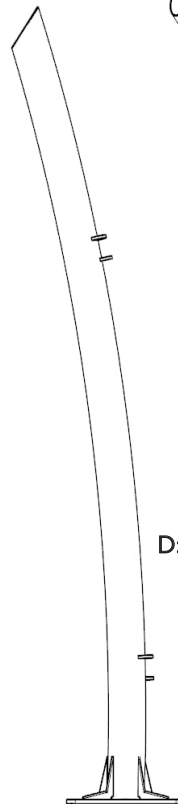
A: 6 Brackets



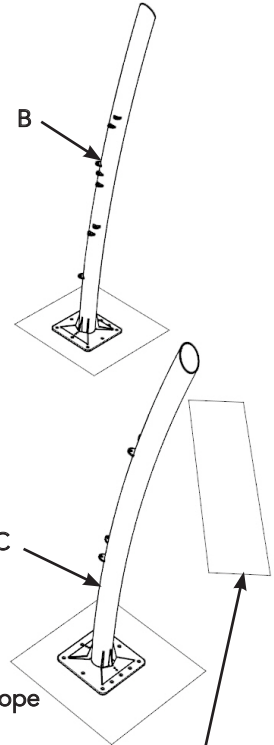
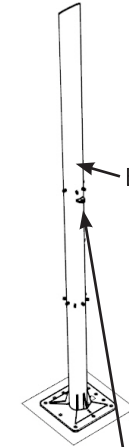
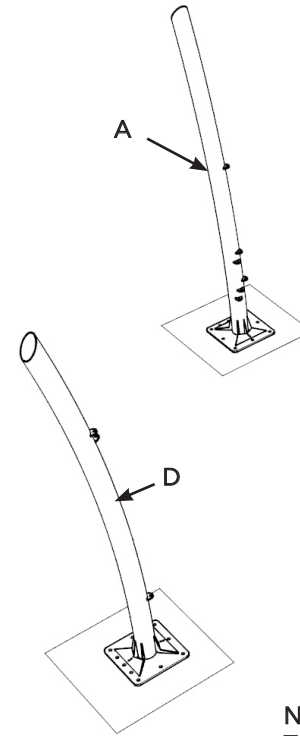
B: 8 Brackets



C: 5 Brackets



D: 4 Brackets



Note Bracket for Coconut Rope Towards Post C

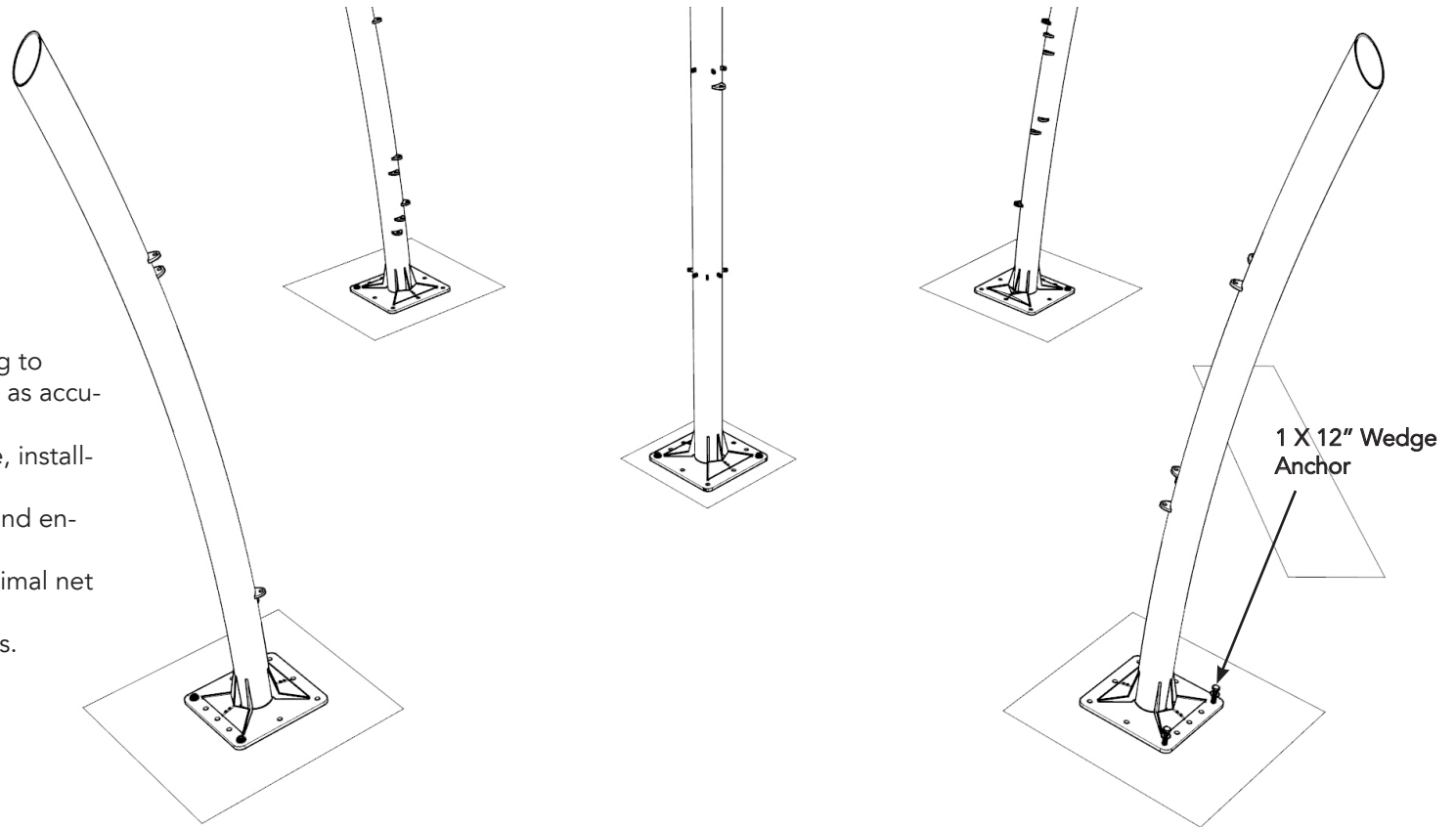
Note Location of Footer for Ramp Net

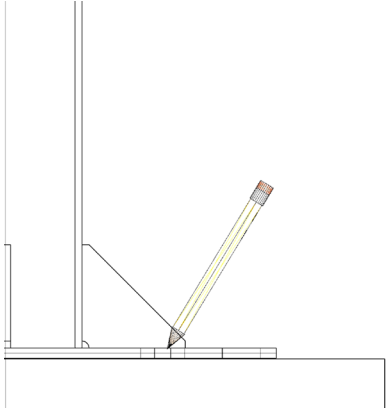
**NOTES:**

Precise placement of the posts is critical to successful installation of the nets.

The posts must be anchored before hanging nets, or they could topple.

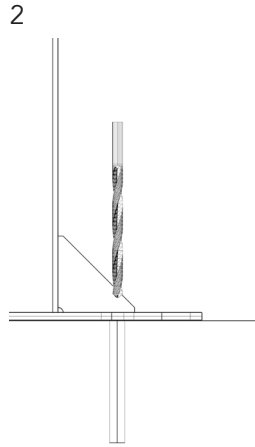
1. Consult the attached Layout Drawing to determine the locations of the posts as accurately as possible.
2. Position and level one post at a time, installing 2 Wedge Anchors in each.
3. Hang the nets and Coconut Ropes and ensure they are properly adjusted.
4. Reposition posts if necessary for optimal net drape.
5. Install the rest of the Wedge Anchors.



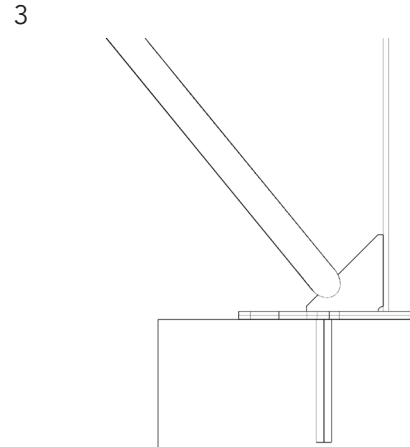


Use the post base as a template to mark locations for holes prior to mounting the posts.

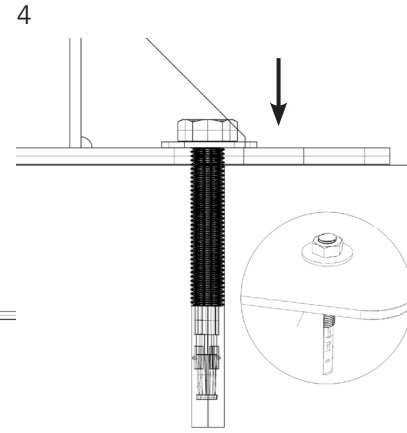
**NOTE:**  
Be sure the location of each post is accurately marked. Improper location of the posts will slow down the installation of the nets and ropes.



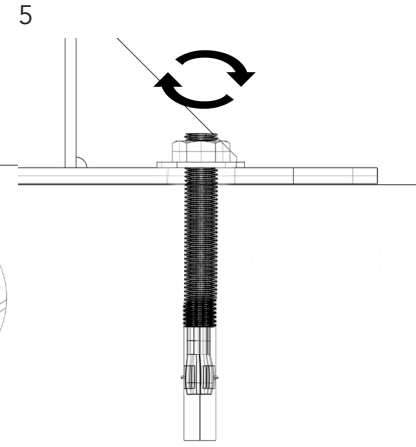
Drill the holes with a hammer drill. The drill size must match the size of the anchor bolt and the hole depth is to be at least the length of the bolt. (See Parts List for anchor bolt dimensions.)



Clean out the holes with a blower or vacuum(Important.)

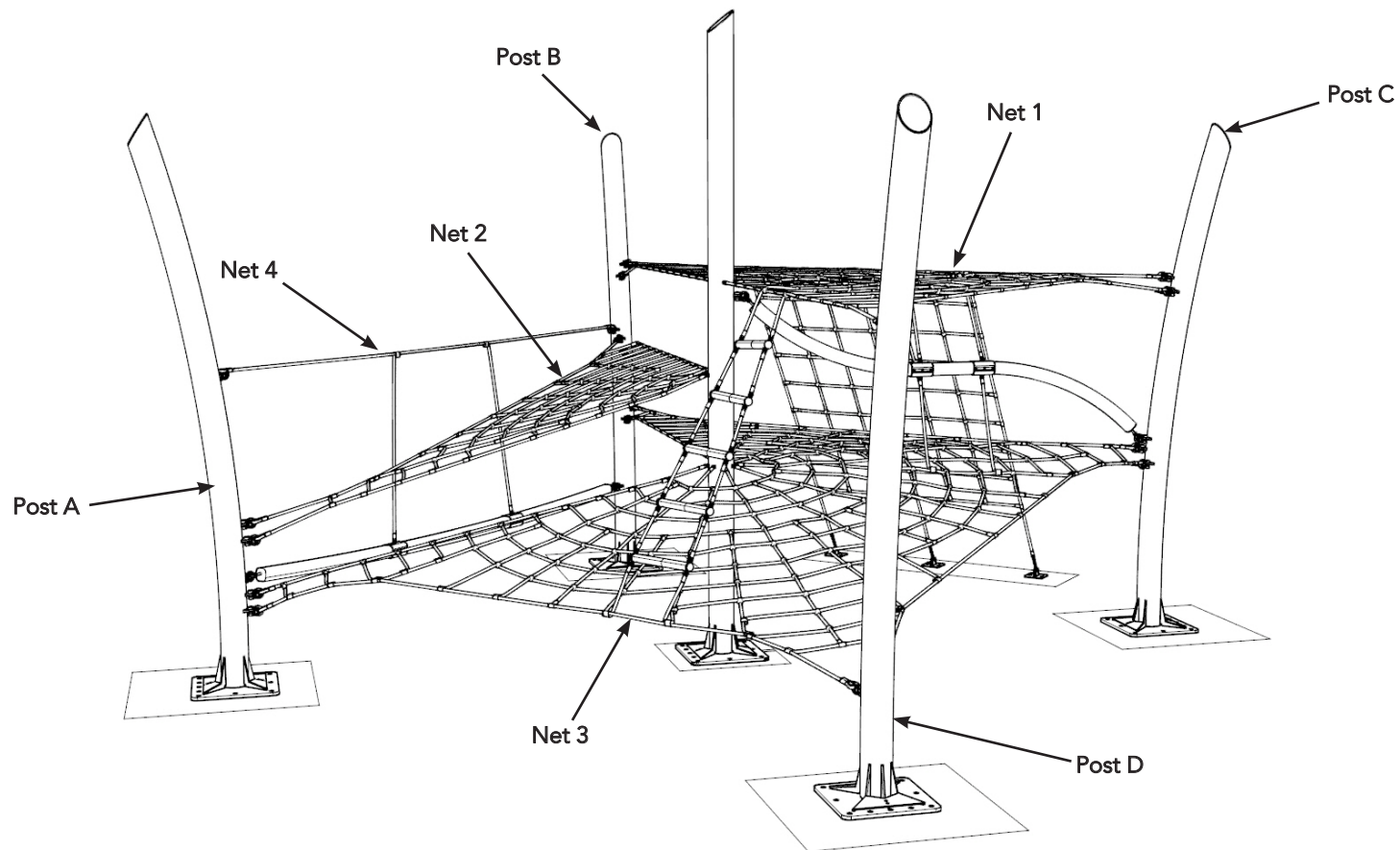


Assemble the washer and nut on the bolt and use a hammer to drive the bolt through the base plate into the hole.



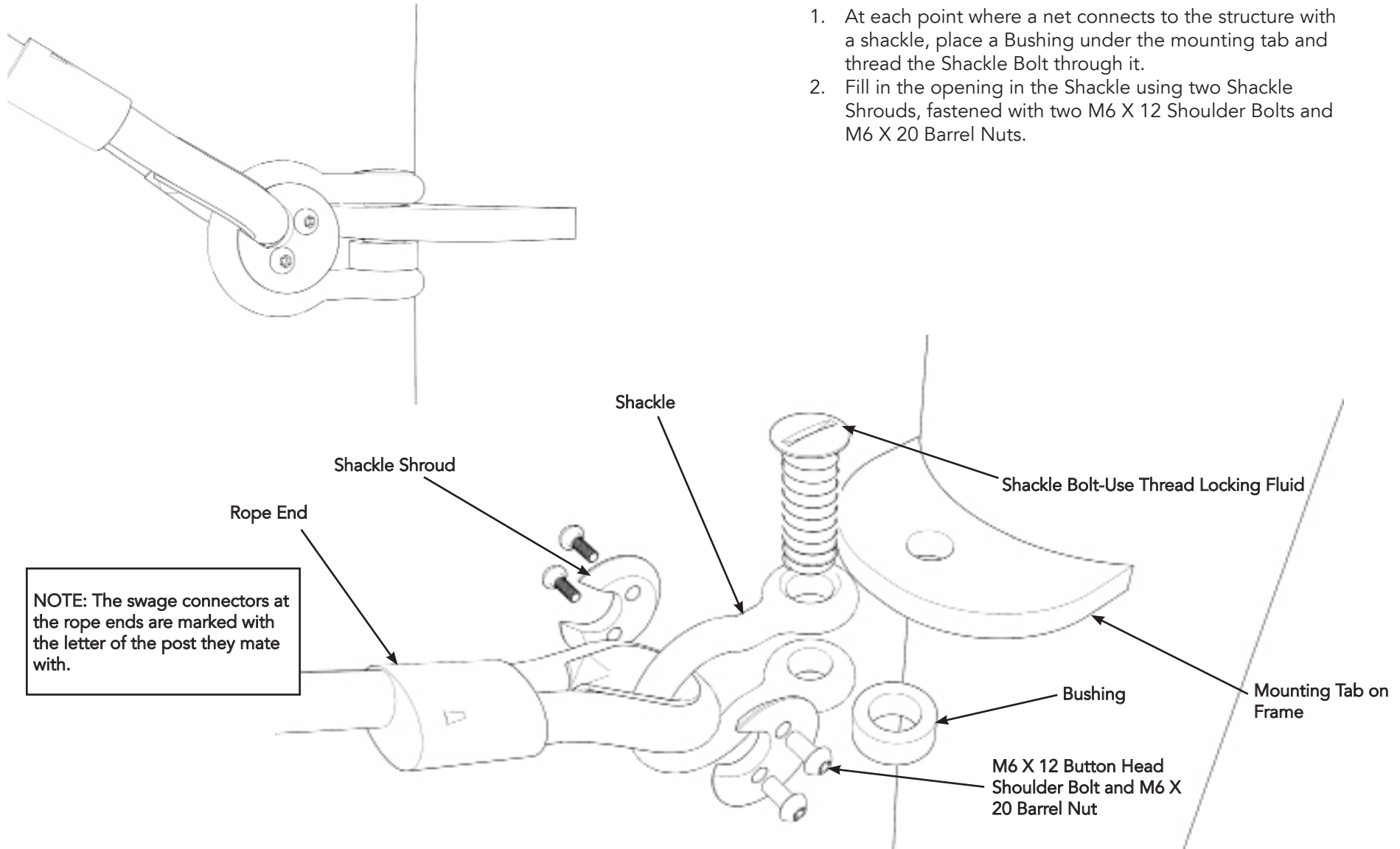
Tighten the nut 3-5 turns past finger-tight to expand the anchor and fix the bolt in place.

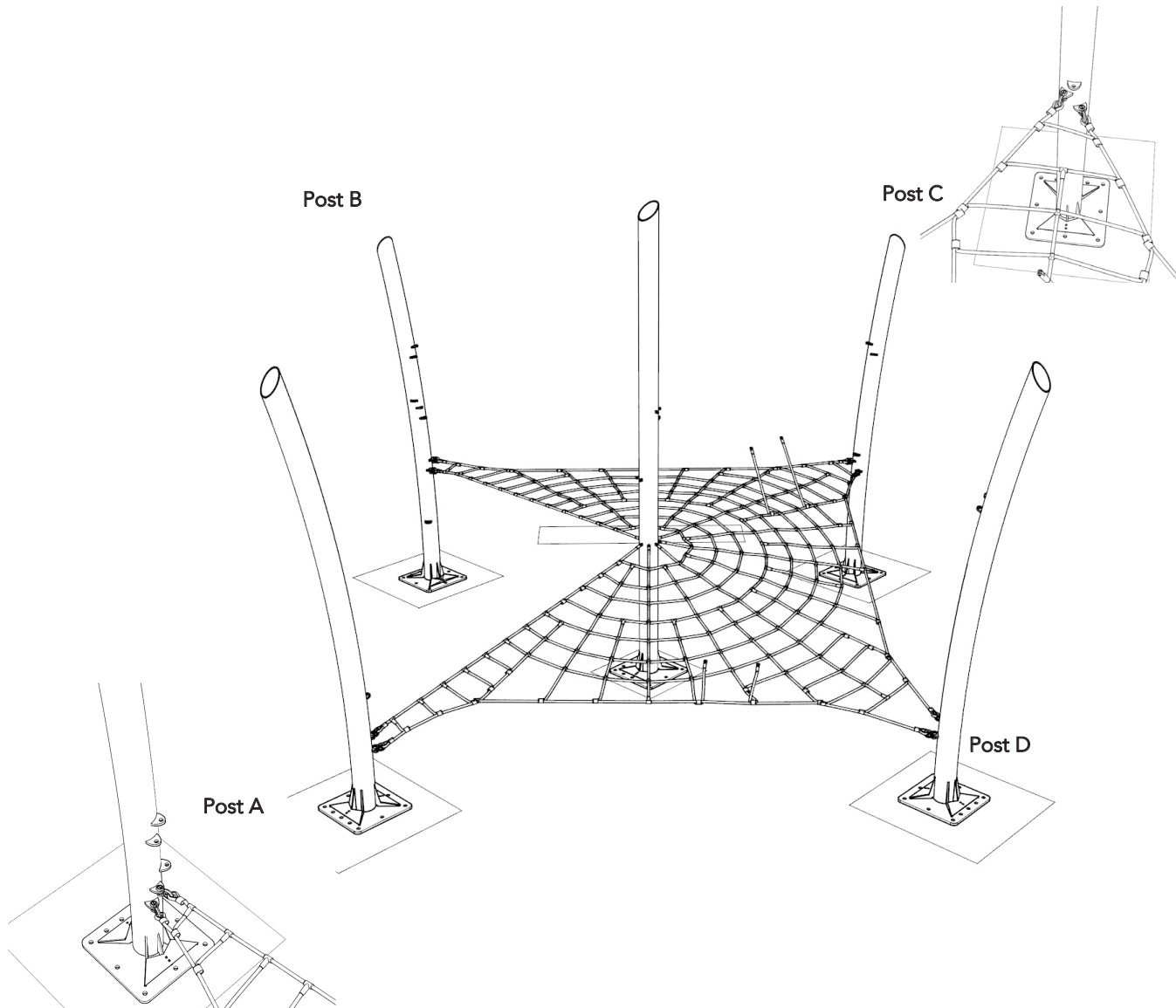




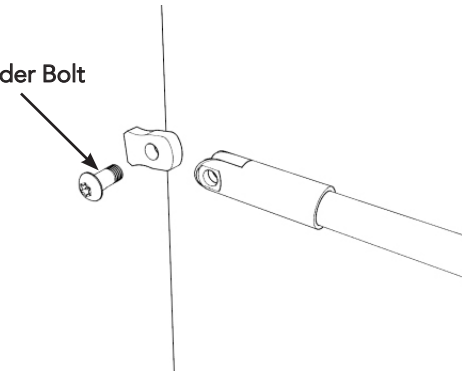
Note: Net Illustrations are  
Schematic. The Nets will Sag.



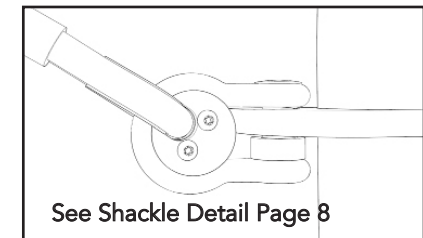




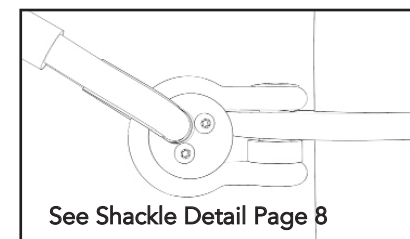
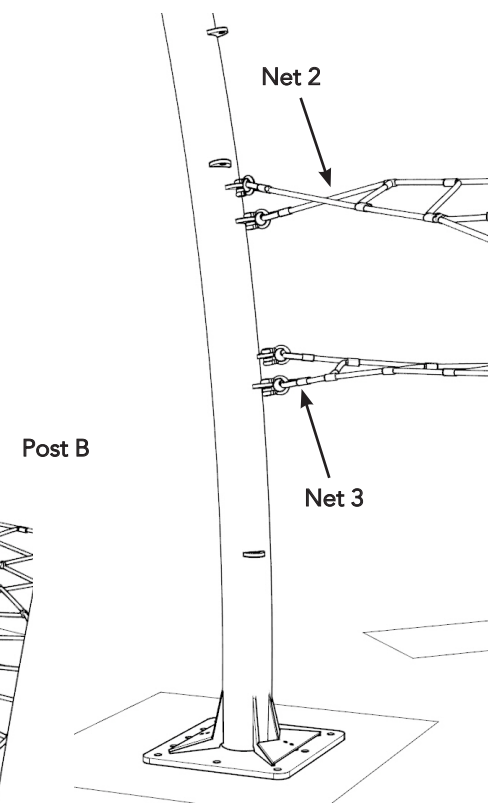
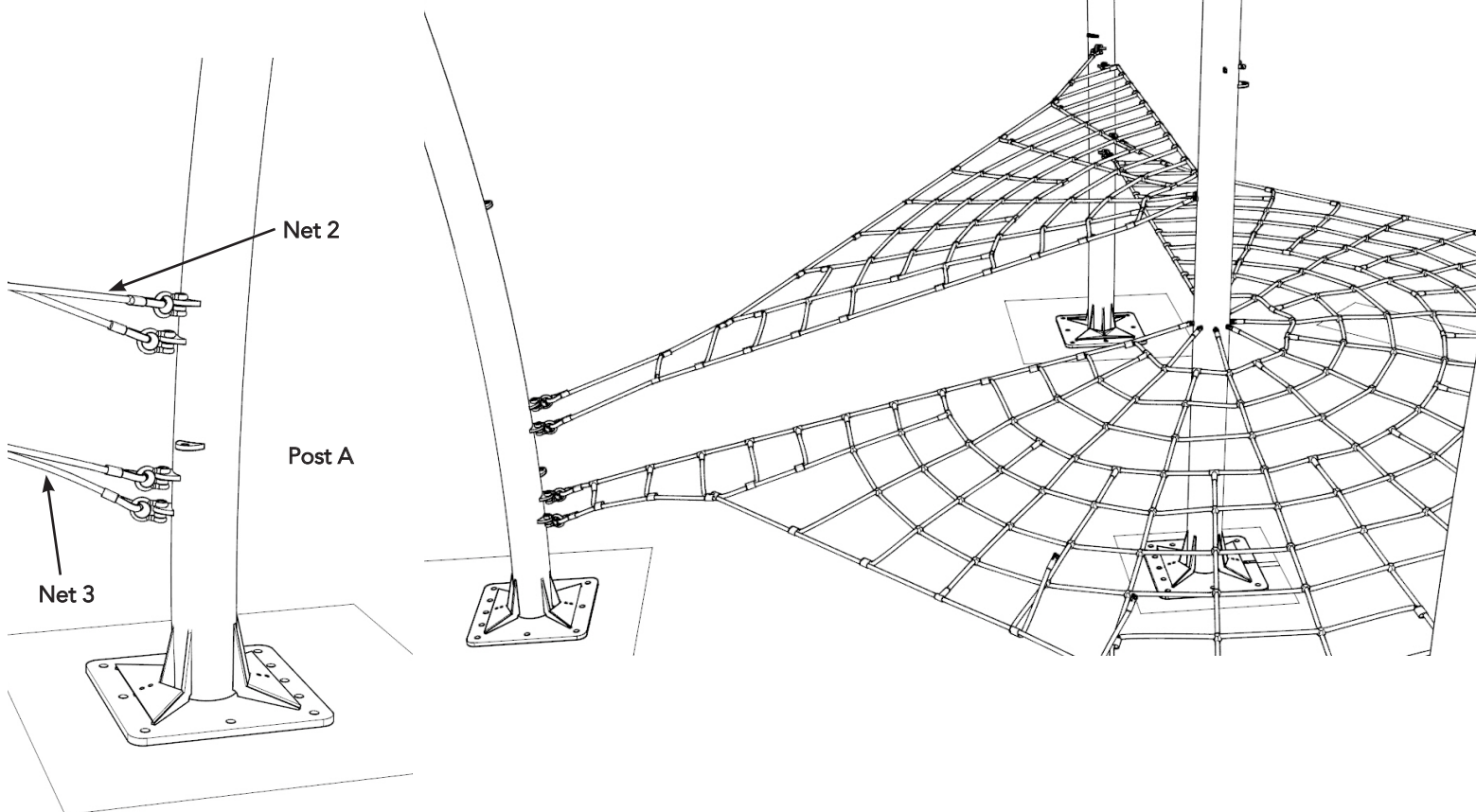
M10 X 23 Shoulder Bolt



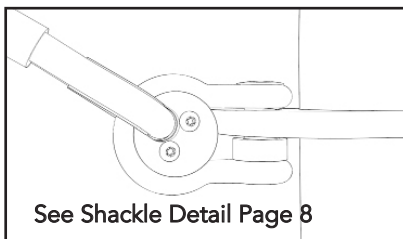
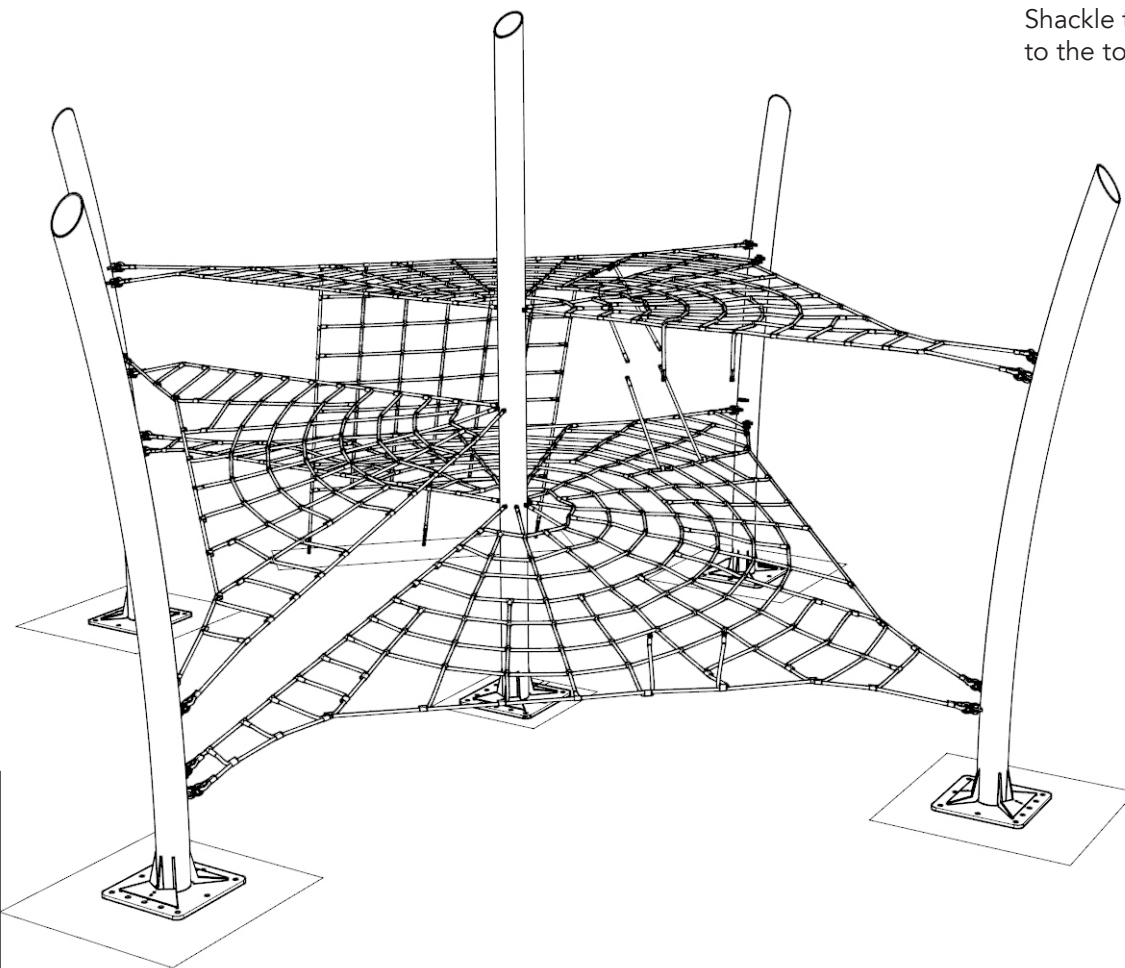
Net 3 connects to the four outer posts with shackles and to the inner post with M10 X 23 Shoulder Bolts. Make sure to connect the Shackles to the correct Mounting Tab



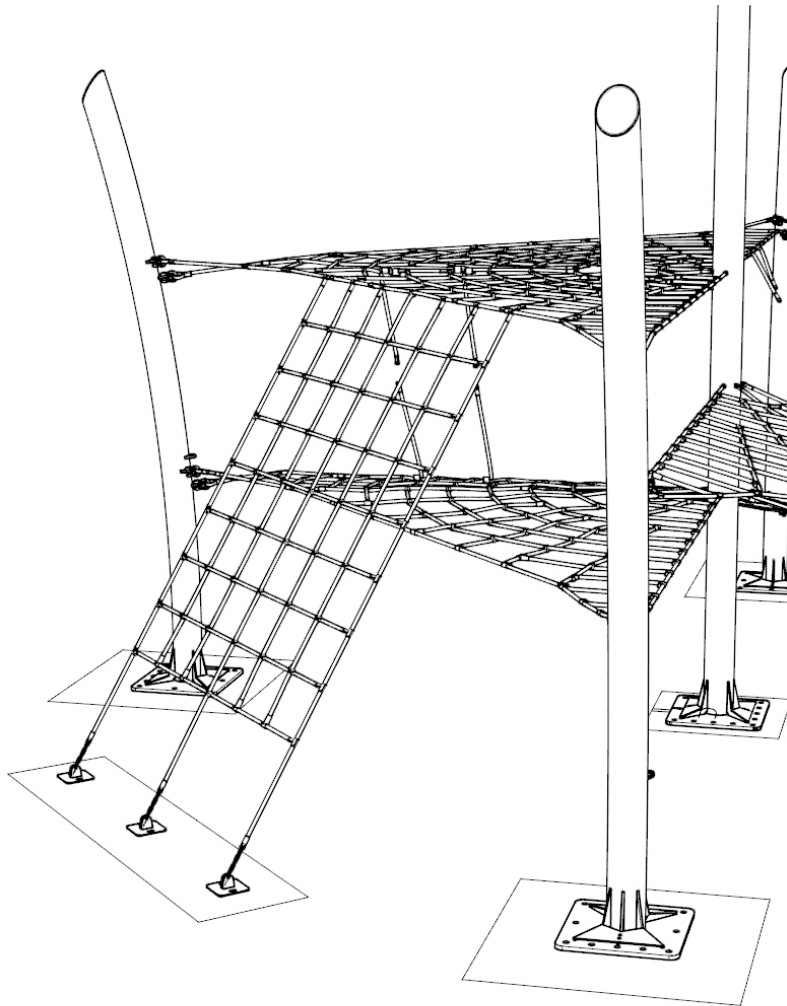
Net 2 connects to the outer posts A and B with shackles and to the inner Post E with M10 X 23 Shoulder Bolts. Make sure to connect each Shackle to the correct Mounting Tab



Net 1 connects to the outer posts B, C, and D with shackles and to the inner Post E with M10 X 23 Shoulder Bolts. Make sure to connect each Shackle to the correct Mounting Tab. It attaches to the topmost Mounting Tabs on each Post.



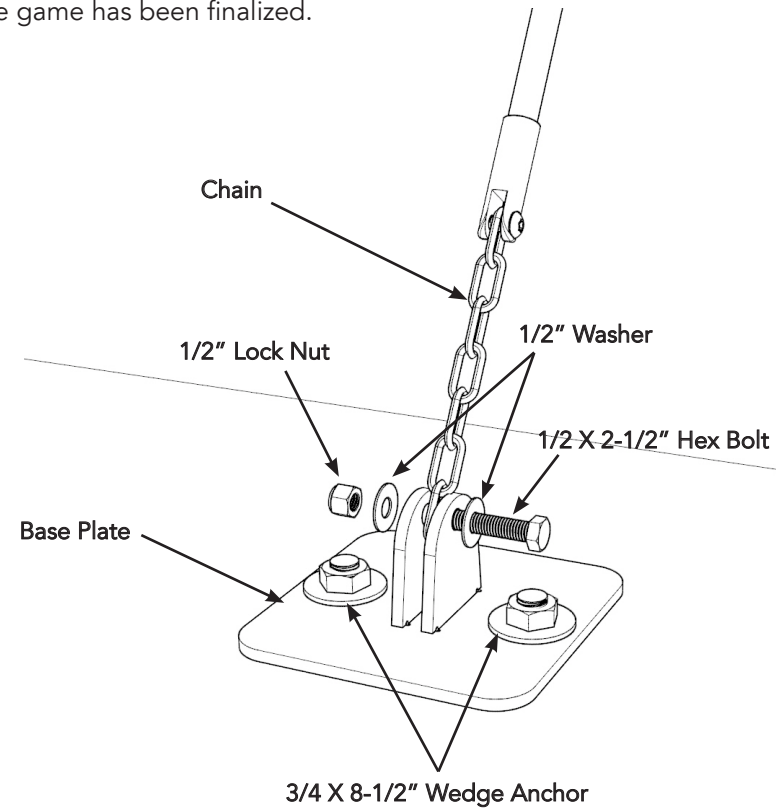
See Shackle Detail Page 8



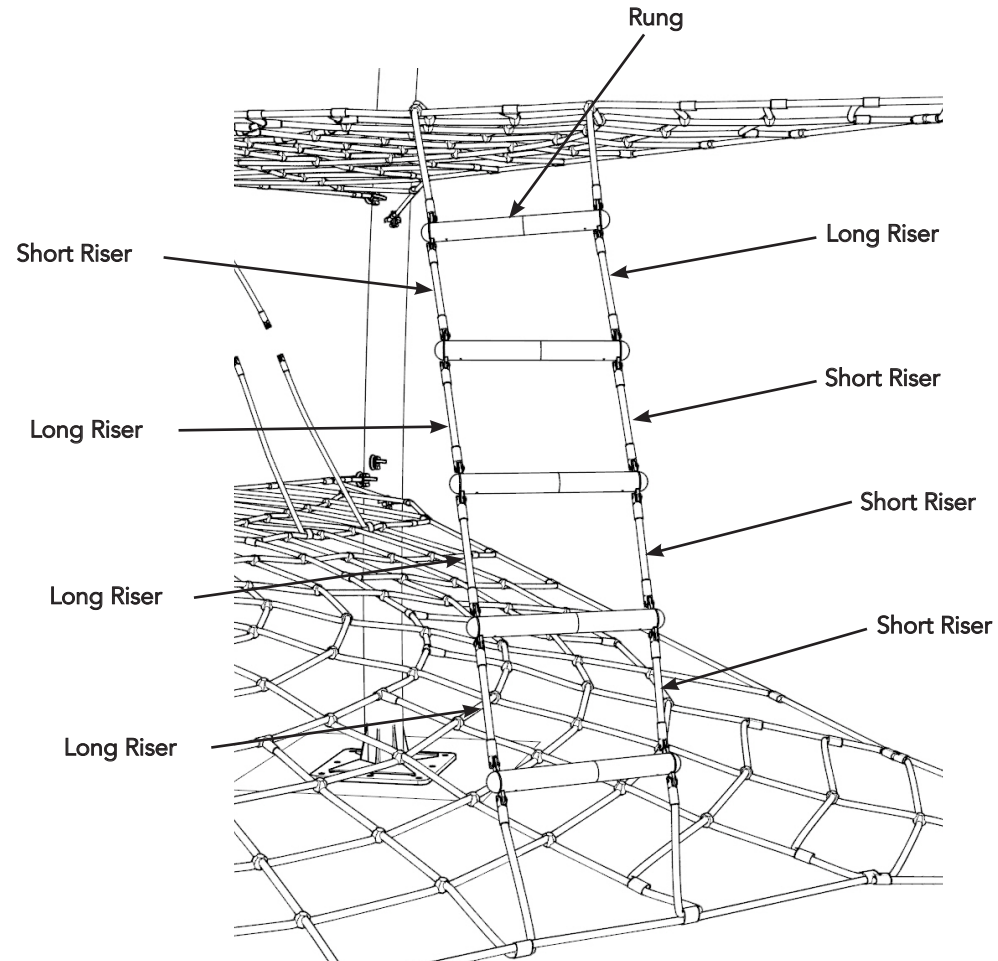
The Ramp Net that is part of Net 1 connects to the ground with three Chain connections to a Base Plate.

The Chain may be cut to adjust net tension.

Setting the Base Plates to their final locations and installing the Wedge Anchors should be done after the rest of the game has been finalized.



Assemble the Rung Ladder between the upper and lower nets with M10 X 23 Shoulder Bolts.



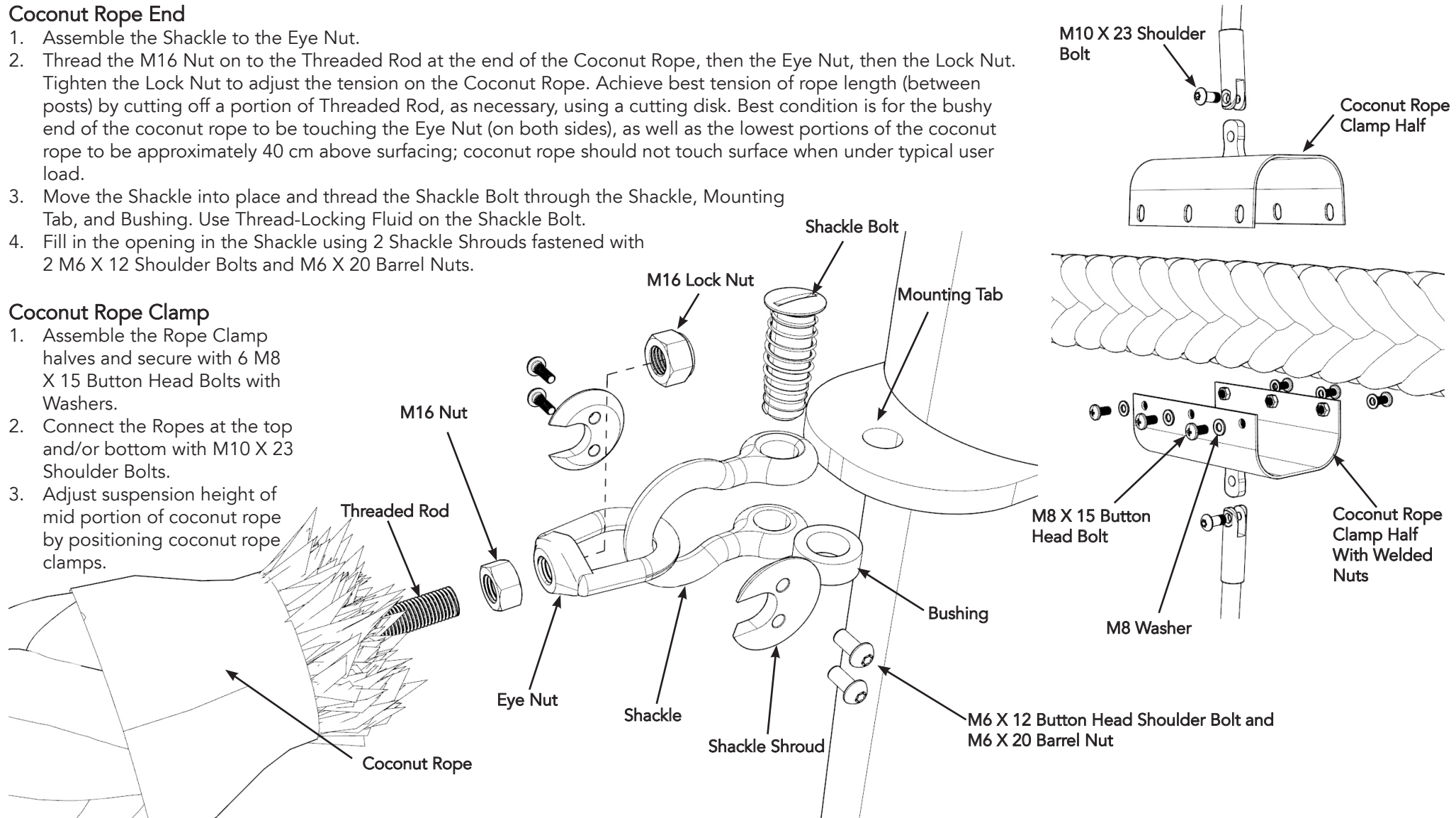


### Coconut Rope End

1. Assemble the Shackle to the Eye Nut.
2. Thread the M16 Nut on to the Threaded Rod at the end of the Coconut Rope, then the Eye Nut, then the Lock Nut. Tighten the Lock Nut to adjust the tension on the Coconut Rope. Achieve best tension of rope length (between posts) by cutting off a portion of Threaded Rod, as necessary, using a cutting disk. Best condition is for the bushy end of the coconut rope to be touching the Eye Nut (on both sides), as well as the lowest portions of the coconut rope to be approximately 40 cm above surfacing; coconut rope should not touch surface when under typical user load.
3. Move the Shackle into place and thread the Shackle Bolt through the Shackle, Mounting Tab, and Bushing. Use Thread-Locking Fluid on the Shackle Bolt.
4. Fill in the opening in the Shackle using 2 Shackle Shrouds fastened with 2 M6 X 12 Shoulder Bolts and M6 X 20 Barrel Nuts.

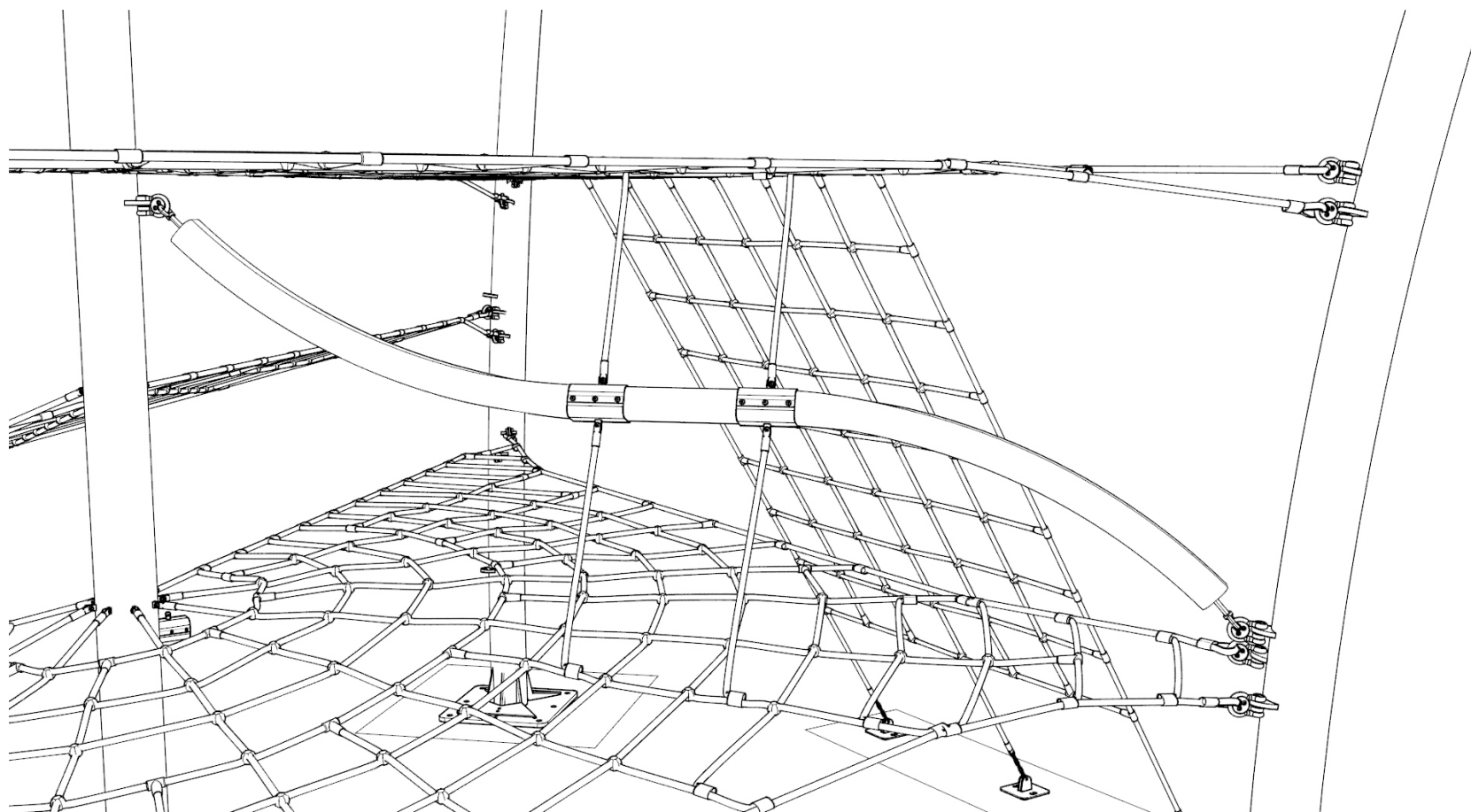
### Coconut Rope Clamp

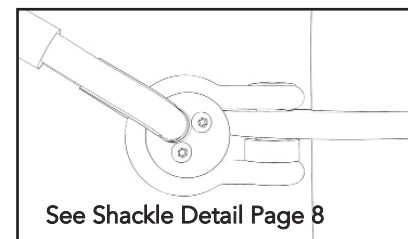
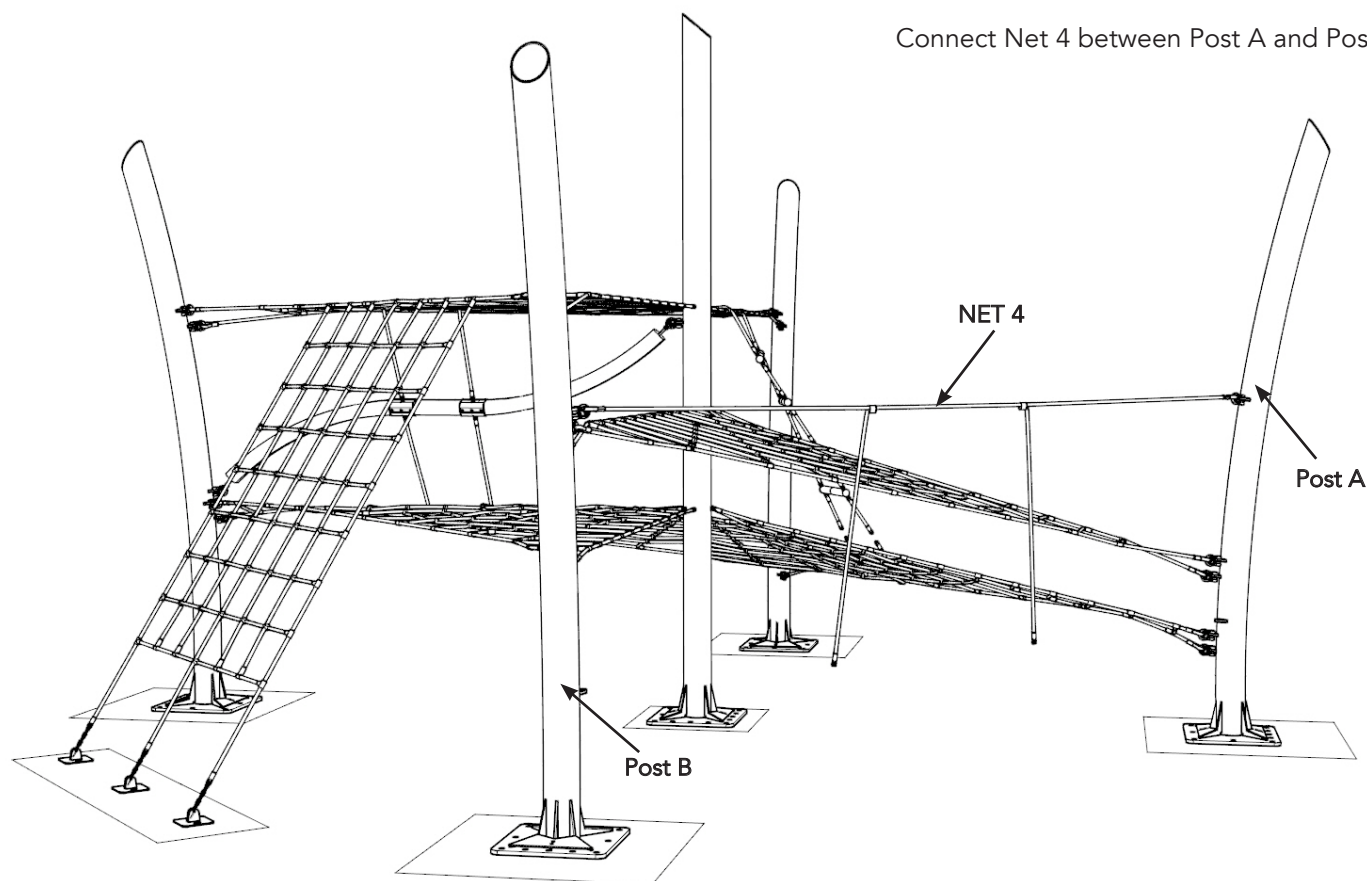
1. Assemble the Rope Clamp halves and secure with 6 M8 X 15 Button Head Bolts with Washers.
2. Connect the Ropes at the top and/or bottom with M10 X 23 Shoulder Bolts.
3. Adjust suspension height of mid portion of coconut rope by positioning coconut rope clamps.



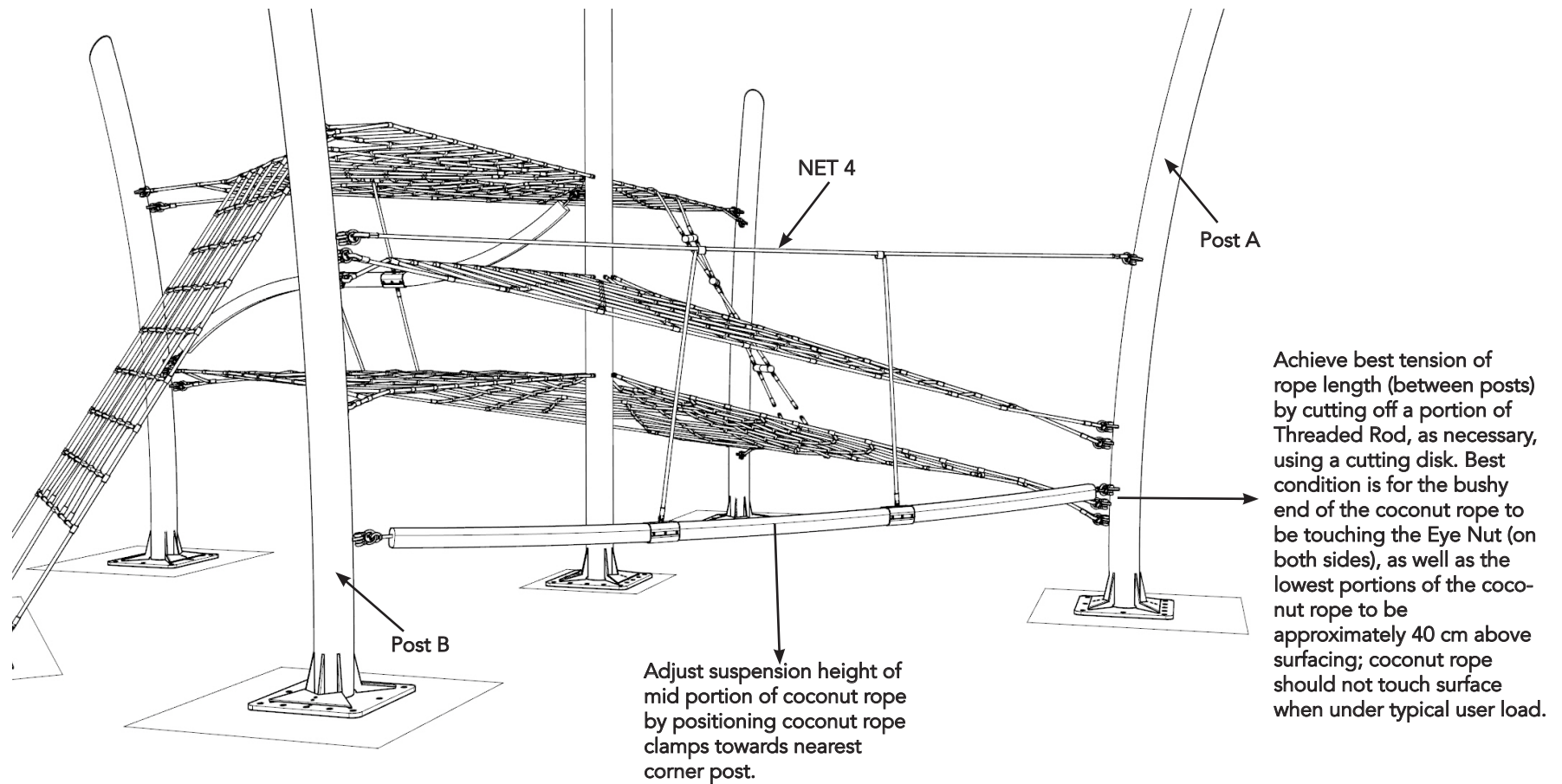


Install the shorter Coconut Rope between the Center Post E and outer Post C.

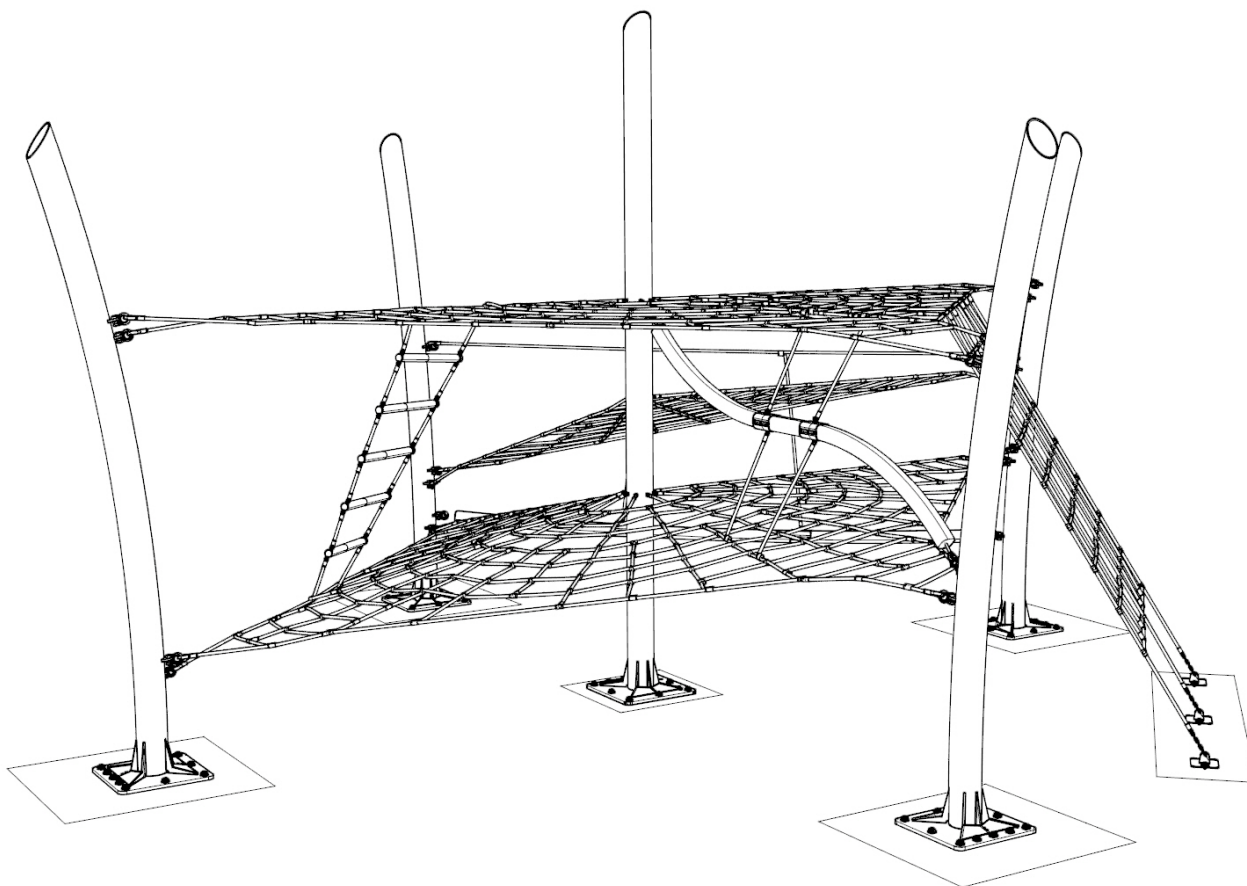




Install the longer Coconut Rope between Post A and B, with the Clamps connecting to Net 4.



Ensure the nets are correctly positioned and install the remaining Wedge Anchors on the Posts and the Ramp Net Base Plates.



## Maintenance information

Initial inspection of all fasteners must be conducted after installation.

Monthly checks ensuring all fasteners are tight should be conducted throughout the lifespan of the game.

