

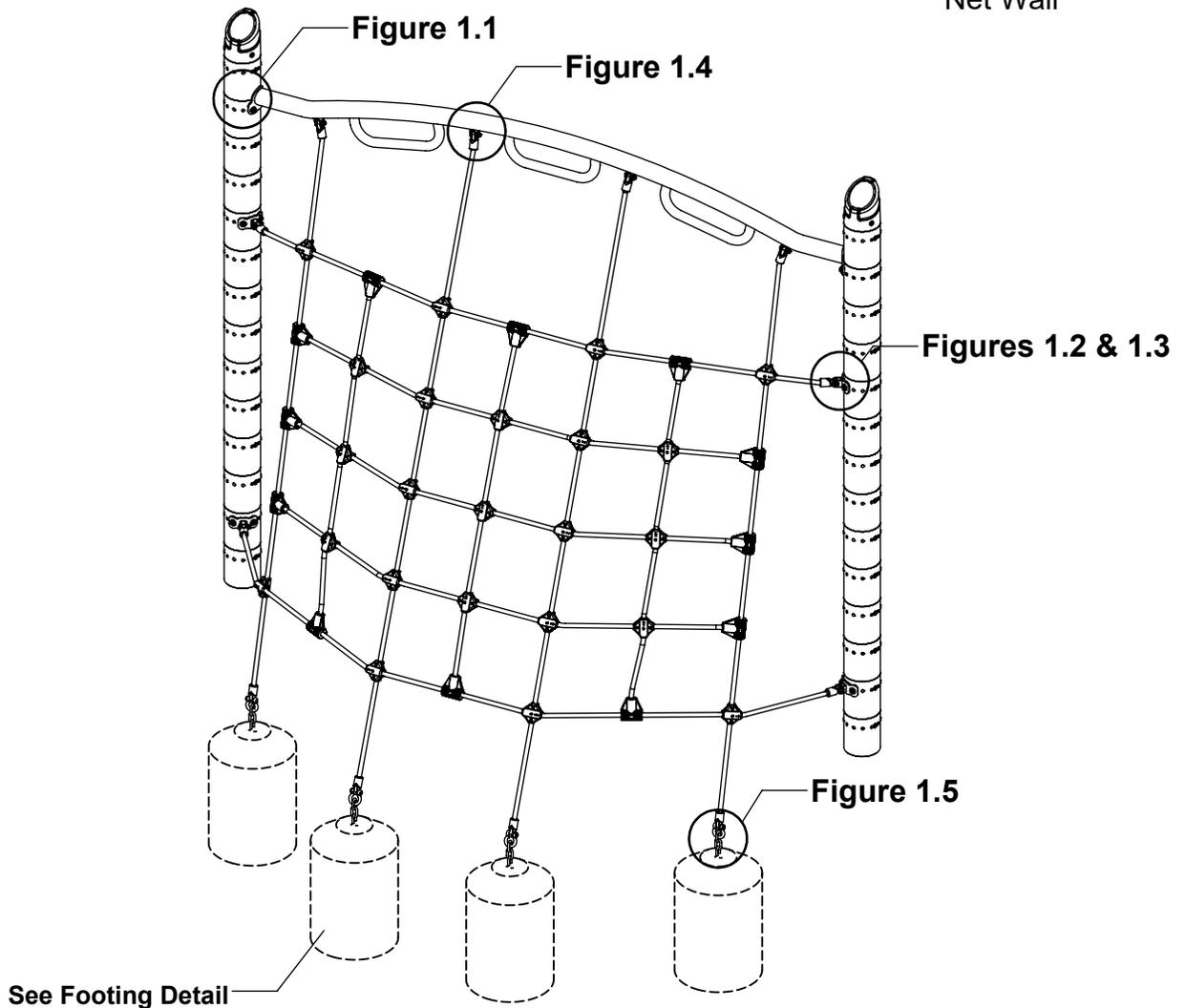
**IMPORTANT NOTES: Read First**

(A) Use liquid thread lock (such as Loctite®) with all threaded hardware. **Important:** Liquid thread lock (prior to curing) helps to eliminate the common problem of "thread seizure" in stainless steel hardware by serving as a lubricant during assembly.

(B) Do not pour concrete until the equipment is completely assembled, leveled and plumbed. Concrete must be allowed to cure completely before using the equipment (at least 72 hours).

(C) An appropriate energy absorbing safety surface is required under and around all playground equipment. Loose fill protective surfacing is shown only as an example for the purpose of this assembly instruction. Other surfacing material may vary in thickness and/or compression depths. See free publication - The Handbook for Public Playground Safety, Publication #325 at [www.cpsc.gov](http://www.cpsc.gov) for the surfacing appropriate for the fall height of the equipment or consult your surfacing supply representative.

**FIGURE 1  
Matrix Angled  
Net Wall**



# Step 1

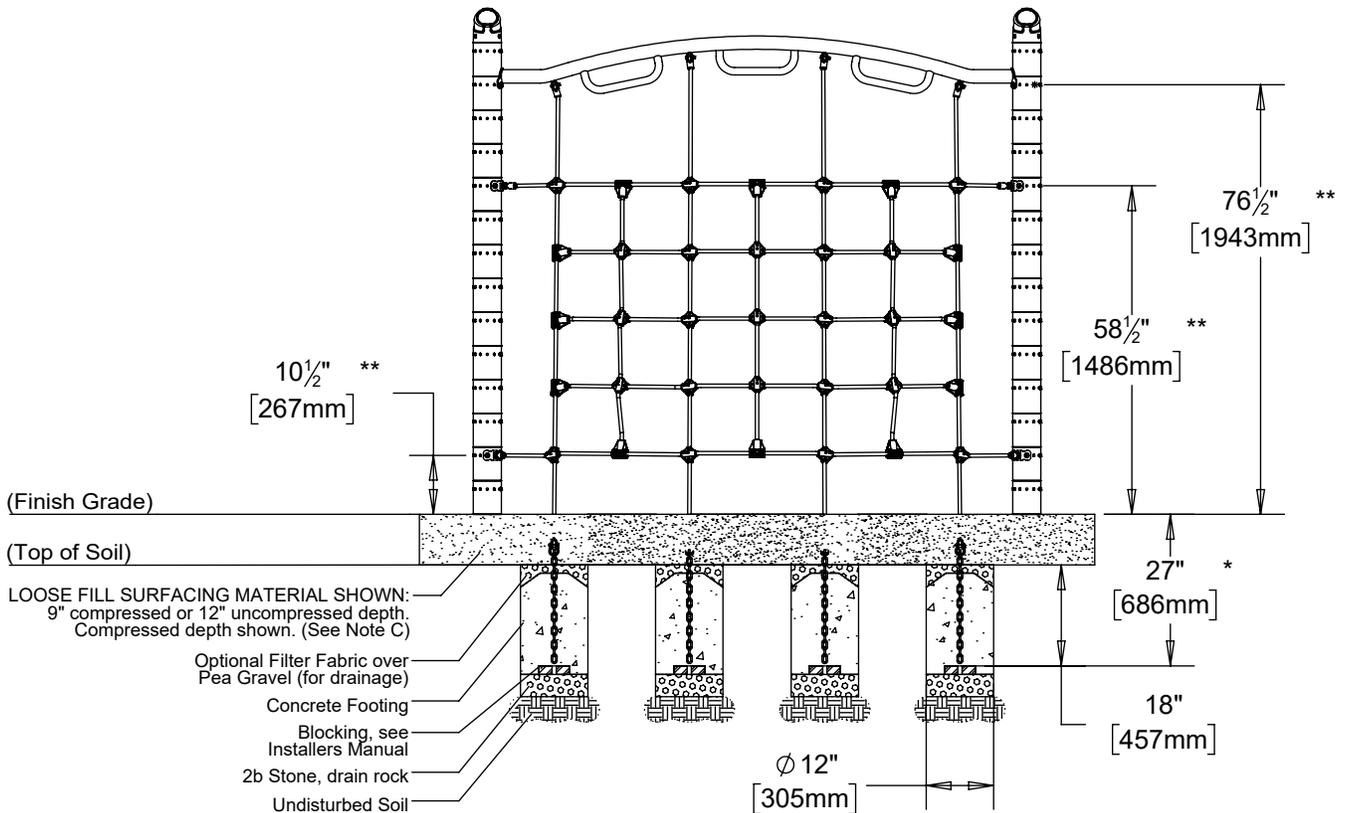
Refer to Footing Layout and mark footing hole locations. Dig (4)  $\varnothing$  12" footing holes. Refer to Footing Detail for depth and details.

**IMPORTANT:** For areas with soft soil conditions, larger footings may be required.

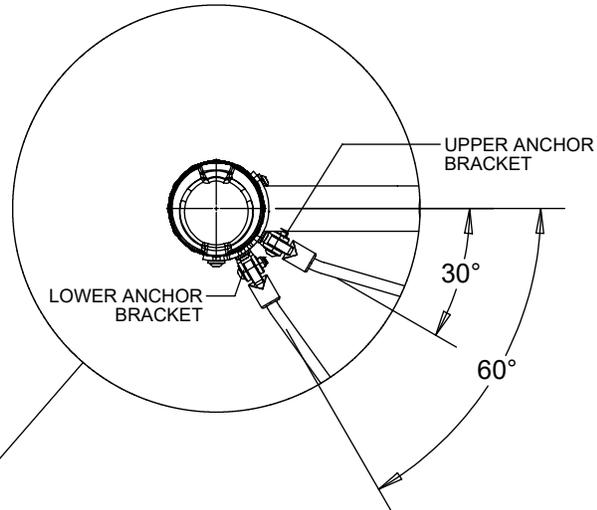
\* Footing depth must be adjusted to compensate for the depth/thickness requirements of selected safety surfacing.

\*\* Heights shown from finish grade to mounting hole.

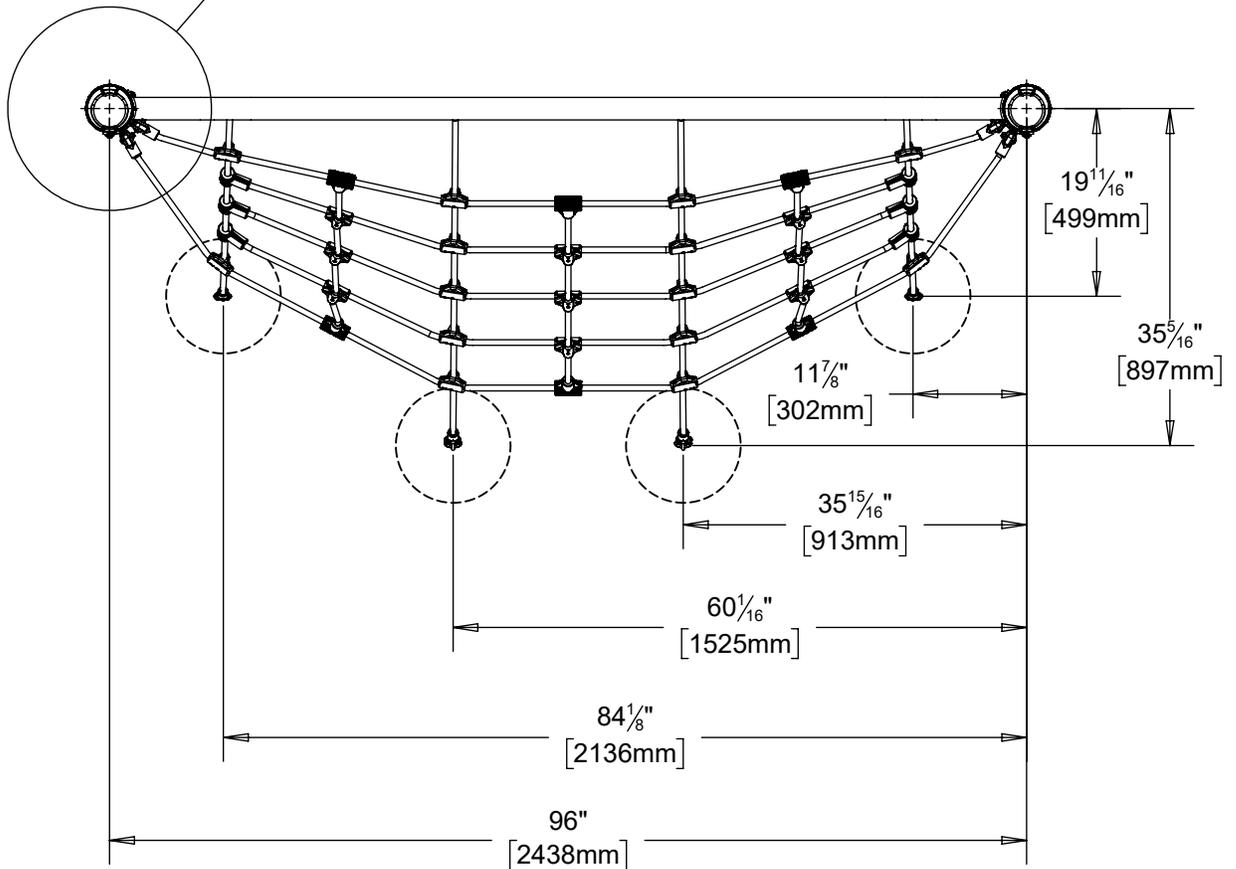
**Footing Detail**



**Top View - Anchor Bracket Orientation**



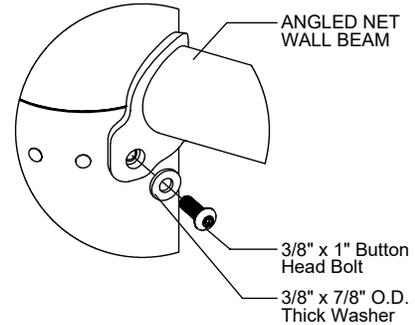
**Top View - Footing Layout**



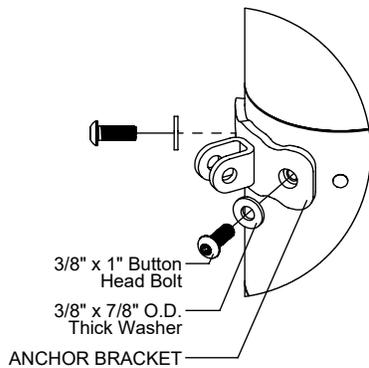
## Step 2

Refer to Footing Detail and remove required Hole Plugs. Attach Angled Net Wall Beam to Posts as shown in Figure 1.1. (See Note A)

**NOTE:** 2 Places



**Figure 1.1**



**Figure 1.2**

## Step 3

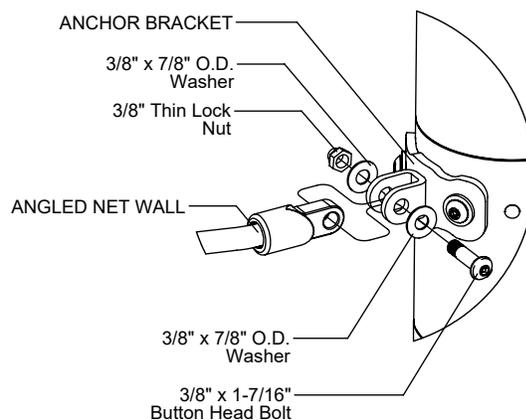
Refer to Footing Detail for orientation and remove required Hole Plugs. Attach Anchor Brackets to Posts as shown in Figure 1.2. (See Note A)

**NOTE:** 4 Places

## Step 4

Attach Angled Net Wall to Anchor Brackets as shown in Figure 1.3. (See Note A)

**NOTE:** 4 Places

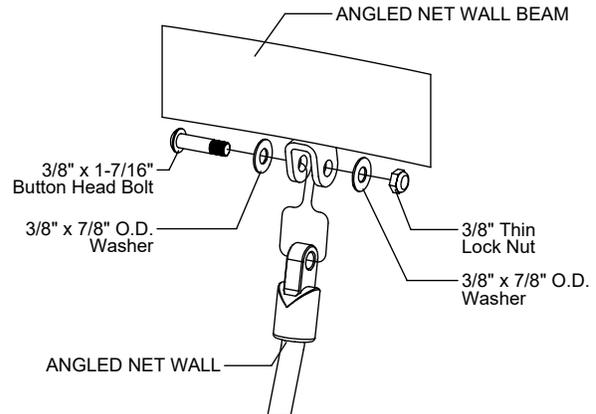


**Figure 1.3**

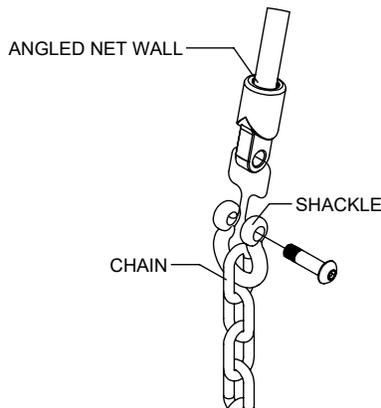
## Step 5

Attach Angled Net Wall to Angled Net Wall Beam as shown in Figure 1.4. (See Note A)

**NOTE:** 4 Places



**Figure 1.4**



**Figure 1.5**

## Step 6

Attach Chains to Angled Net Wall as shown in Figure 1.5. (See Note A)

**NOTE:** 4 Places

## Step 7

Fully tighten all fasteners according to the "TIGHTENING TORQUE FOR HARDWARE" section of the Installation Manual.

## Step 8

Place Chains into footing holes and adjust Angled Net Wall to desired tautness. Secure Chains, plumb and level entire component. Pour concrete into footing holes. Allow at least 72 hours to cure before using this equipment. (See Note B)

## Step 9

Place required protective surfacing under and around Matrix Angled Net Wall. (See Note C)

**Parts List**

Part #	DESCRIPTION	QTY.
FS-12831-RV	Matrix Angled Net Wall Beam	1
FS-1510-RV-A	Post Anchor Bracket RV	4
HE-0008-16	16-Link Galvanized Chain	4
HH-0014	Matrix Angled Net Wall	1
451161-SS	Swing Shackle - Stainless Steel	4
9103052-TR	Bolt Button Head 3/8" x 1"	12
9103200-TR	Bolt Button Head 3/8" x 1-7/16"	8
9333042	Washer Flat 3/8" x 7/8" O.D.	16
9339042	Washer Flat 3/8" x 7/8" O.D. x .100" Thick	12
9423002	Nut Lock Thin 3/8"	8

**Specifications**

**16-LINK GALVANIZED CHAIN:**

Shall be 5/0 galvanized low-carbon steel chain with silver shield finish.

**MATRIX ANGLED NET WALL:**

Shall be made from 16mm steel-reinforced rope with high-strength copolymer plastic intersection connectors and machined aluminum end ferrules.

**MATRIX ANGLED NET WALL BEAM:**

Shall be fabricated using 2.375" O.D. 10 gauge steel tubing with welded 1/4" thick steel mounting brackets, 3/16" thick steel anchors, and 1.315" O.D. 12 gauge steel handles. The Matrix Angled Net Wall Beam shall have a multi-stage baked-on powder coat finish.

**POST ANCHOR BRACKET RV:**

Shall be fabricated using 1/4" thick stainless steel plate with welded 3/16" thick stainless steel anchor. The Post Anchor Bracket RV shall have a multi-stage baked-on powder coat finish.

**HARDWARE:**

Shall be stainless steel, zinc/nickel plated or galvanized as required to resist rust and corrosion.

**Maintenance**

Periodically tighten all screws, bolts and nuts. A periodic inspection of all parts is necessary. If a part is broken or worn, replace immediately. For general maintenance please refer to our Playground Maintenance Manual.

