

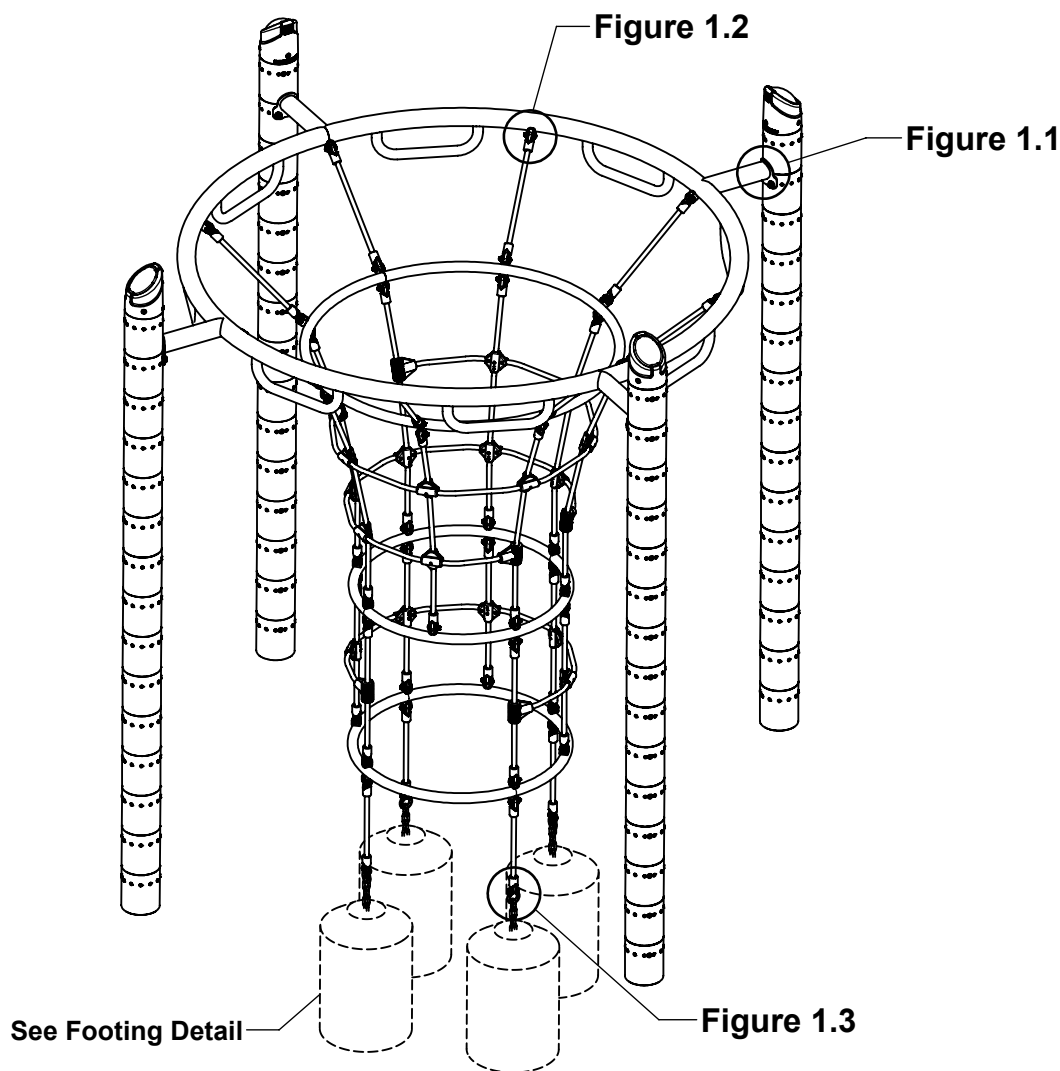
## IMPORTANT NOTES: Read First

(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**  
Rope Core



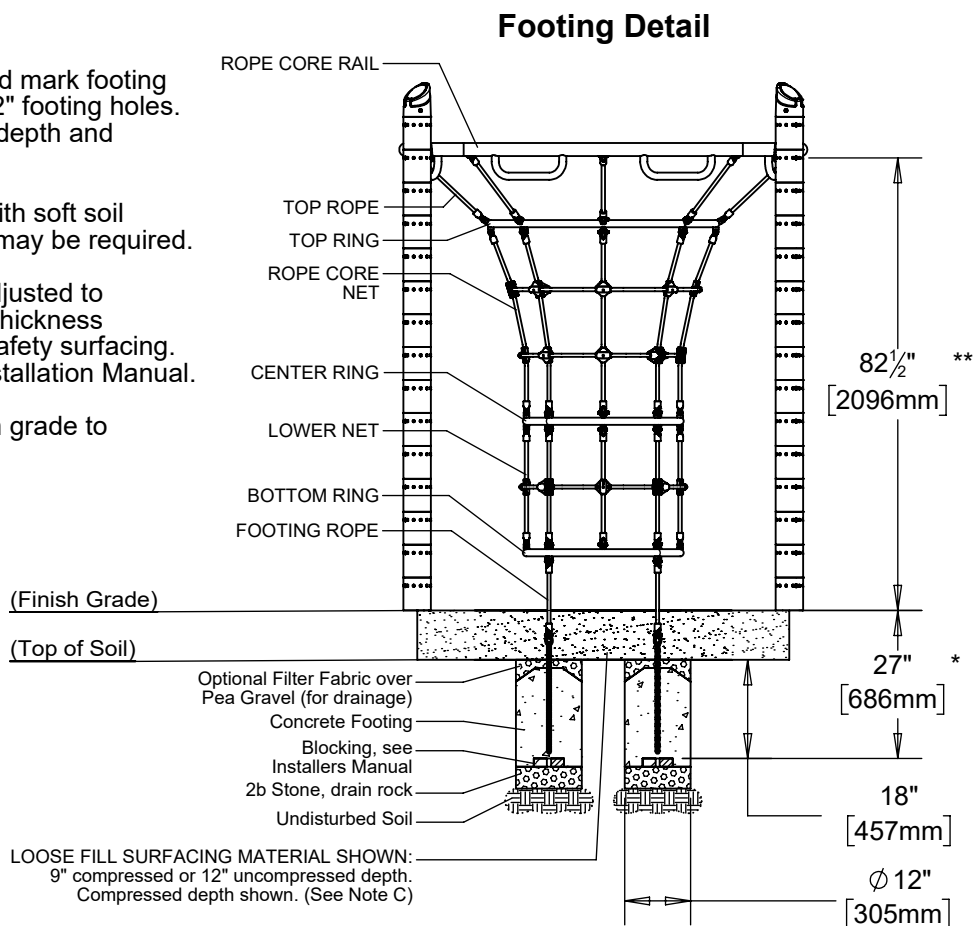
## Step 1

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

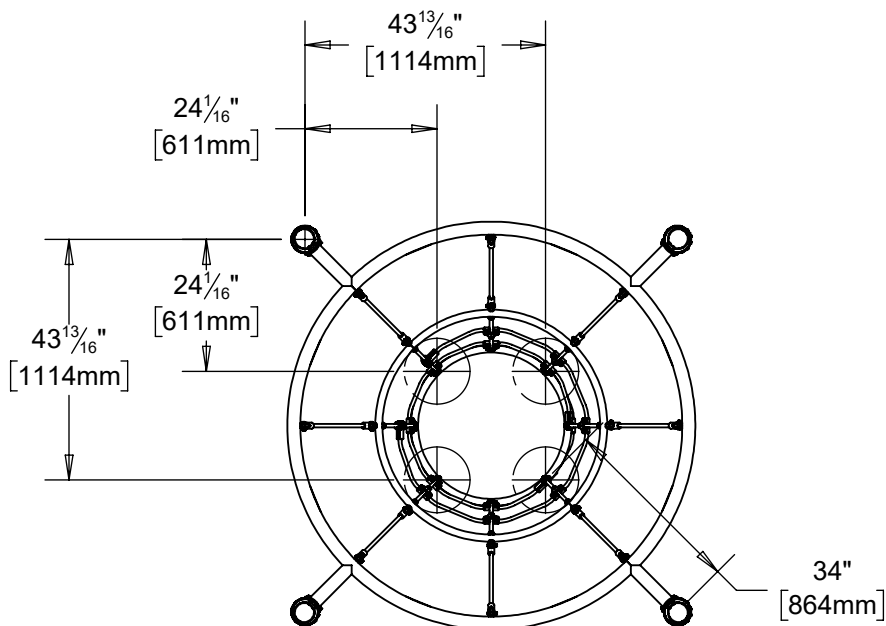
**IMPORTANT:** For areas with soft soil conditions, larger footings may be required.

\* Footing depth must be adjusted to compensate for the depth/thickness requirements of selected safety surfacing. See Section 06.1 of the Installation Manual.

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



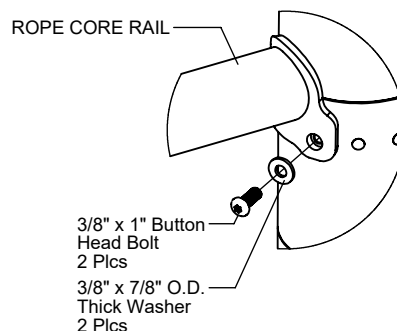
## Top View - Footing Layout



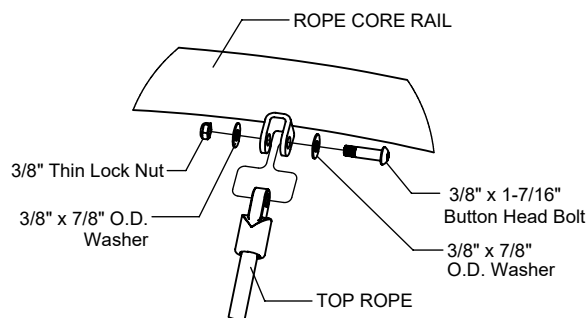
## Step 2

Refer to Footing Detail and remove required Hole Plugs.  
Attach Rope Core Rail to posts as shown in Figure 1.1.  
(See Note A)

**NOTE:** 4 Places



**Figure 1.1**



**Figure 1.2**

## Step 3

Refer to Footing Detail and attach Ropes to Rail and Rings as shown in Figure 1.2. (See Note A)

**NOTE:** 50 Places

## Step 4

Place Chains into footing holes and attach to Footing Ropes as shown in Figure 1.3.  
(See Notes A & B)

**NOTE:** 4 Places

## Step 5

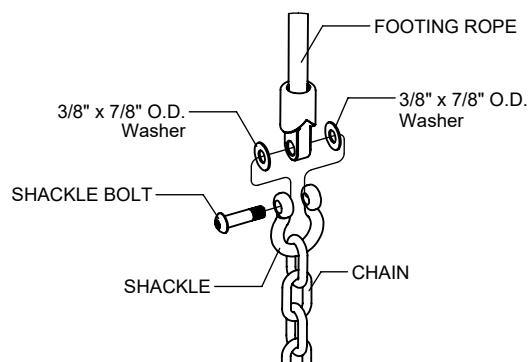
Fully tighten all fasteners according to the "TIGHTENING TORQUE FOR HARDWARE" section of the Installation Manual.

## Step 6

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 7

Place required protective surfacing under and around Rope Core. (See Note C)



**Figure 1.3**

## Parts List

Part #	DESCRIPTION	QTY.
FS-19602-BR	Rope Core Bottom Ring	1
FS-19602-CR	Rope Core Center Ring	1
FS-19602-RV	Rope Core Rail	1
FS-19602-TR	Rope Core Top Ring	1
HE-0008-16	16-Link Galvanized Chain	4
HH-0006	Rope Core Net	1
HH-0007	Rope Core Lower Net	1
HH-0008	Rope Core Footing Rope	4
HH-0009	Rope Core Top Rope	8
451161-SS	Swing Shackle - Stainless Steel	4
9103052-TR	Bolt Button Head 3/8" x 1"	8
9103200-TR	Bolt Button Head 3/8" x 1-7/16"	50
9333042	Washer Flat 3/8" x 7/8" O.D.	108
9339042	Washer Flat 3/8" x 7/8" O.D. x .100" Thick	8
9423002	Nut Lock Thin 3/8"	50

## Specifications

### ROPE CORE RINGS:

Shall be fabricated using 1.315" O.D. 12 gauge steel tubing with welded 3/16" thick steel anchors. The Rope Core Rings shall have a multi-stage baked-on powder coat finish.

### ROPE CORE RAIL:

Shall be fabricated using 2.375" O.D. 11 gauge steel tubing with welded 1.315" O.D. 12 gauge handles, 1/4" thick steel mounting brackets and 3/16" thick steel anchors. The Rope Core Rail shall have a multi-stage baked-on powder coat finish.

### ROPE CORE ROPE SET:

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

### CHAIN:

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