

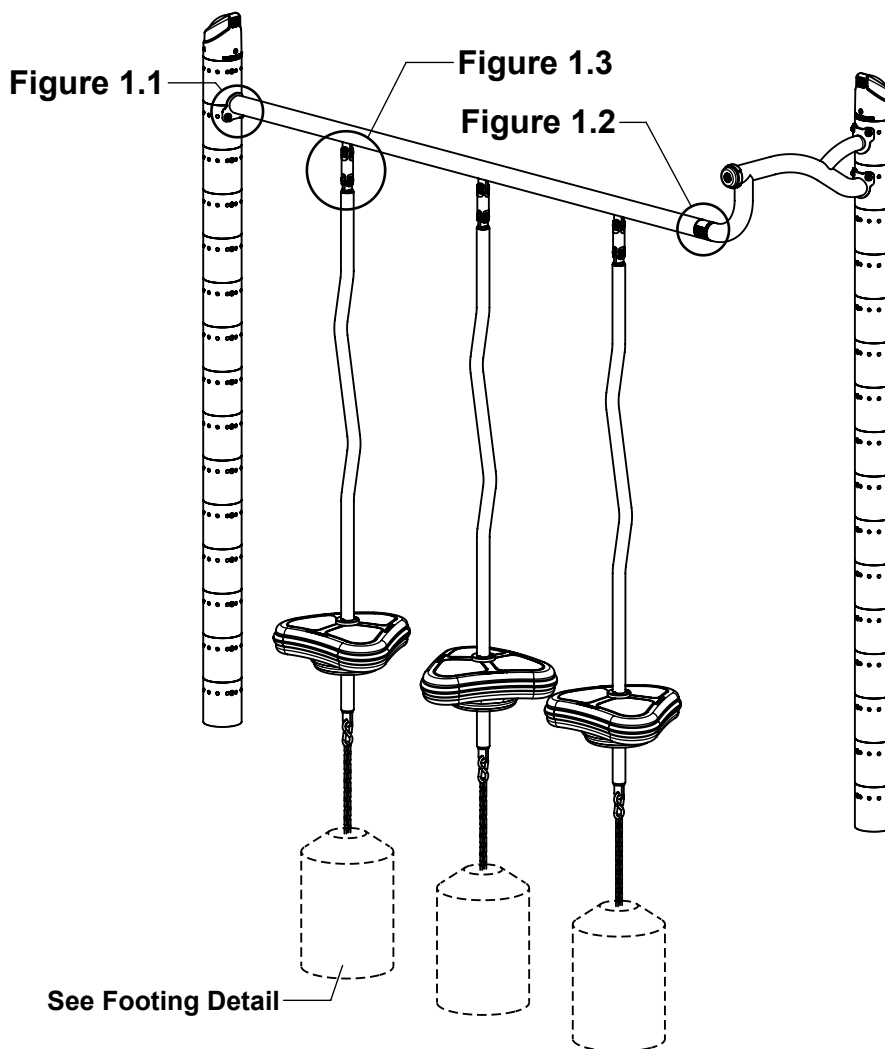
## IMPORTANT NOTES: Read First

(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**  
Tri-Pad Traverse



**NOTE:** Tri-Pad Traverse attached from Post to Mount Arm shown. Other configurations will vary slightly, but does not affect assembly.

### Step 1

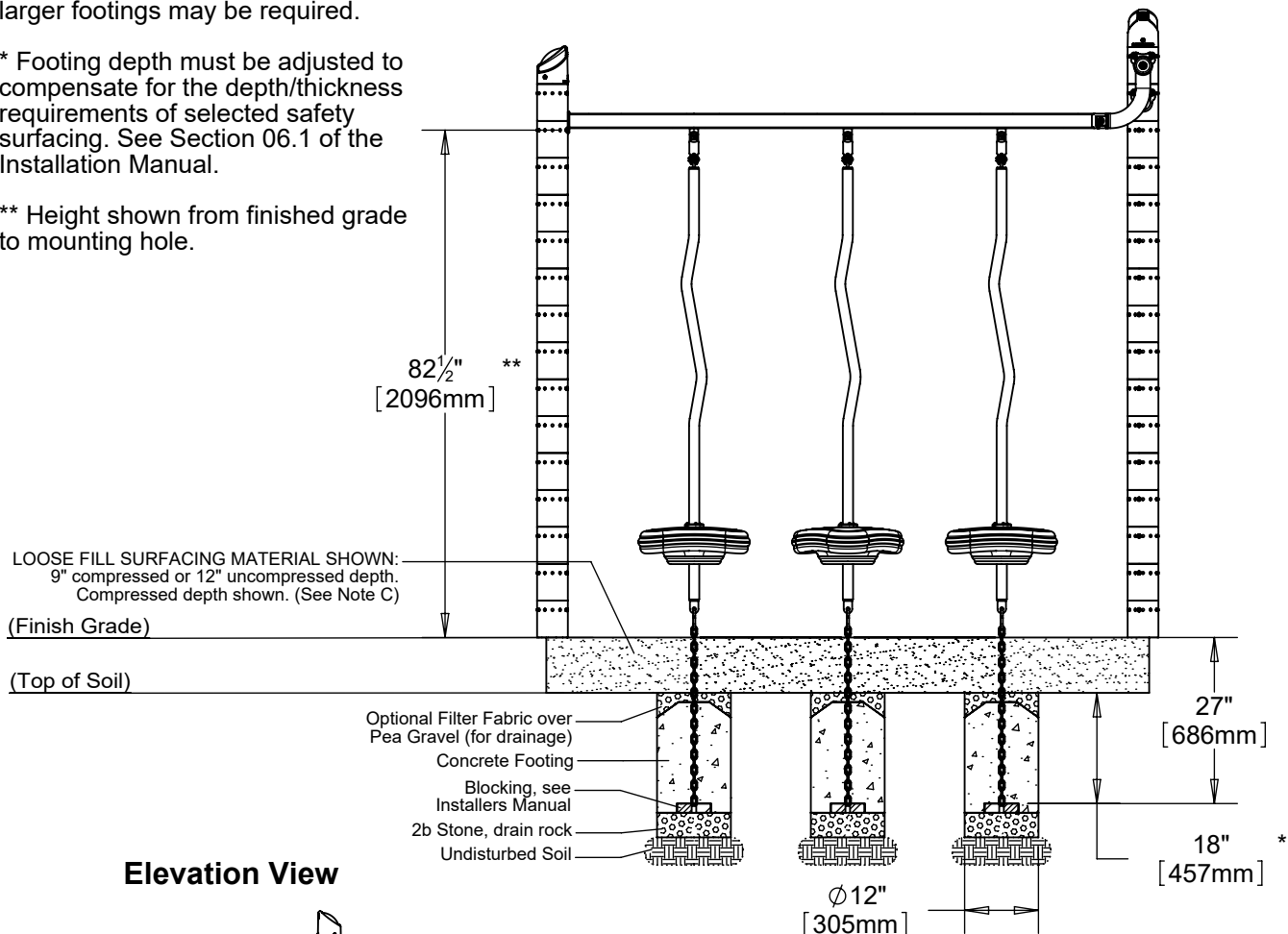
Refer to Footing Layout and mark footing hole locations. Dig (3) Ø 12" footing holes. Refer to Footing Detail for depth and details.

#### Footing Detail

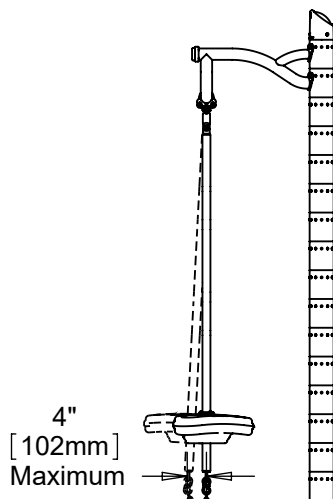
**IMPORTANT:** For areas with soft soil conditions, larger footings may be required.

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

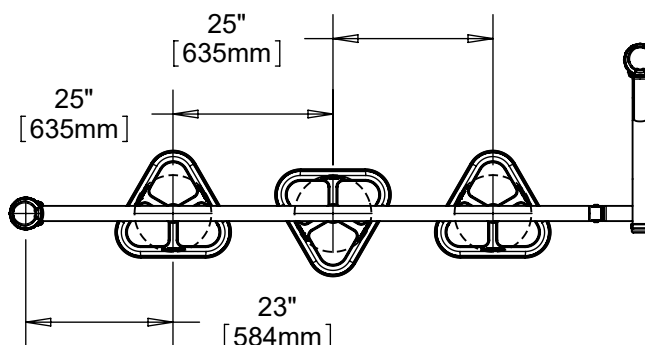
\*\* Height shown from finished grade to mounting hole.



#### Elevation View

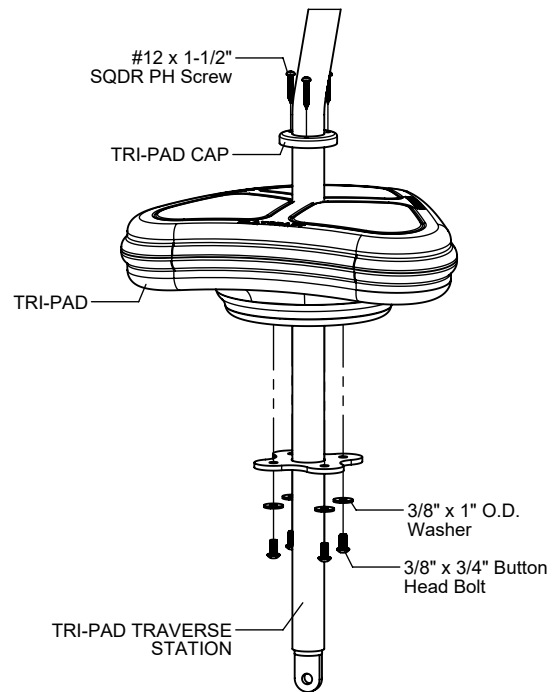


#### Top View - Footing Layout

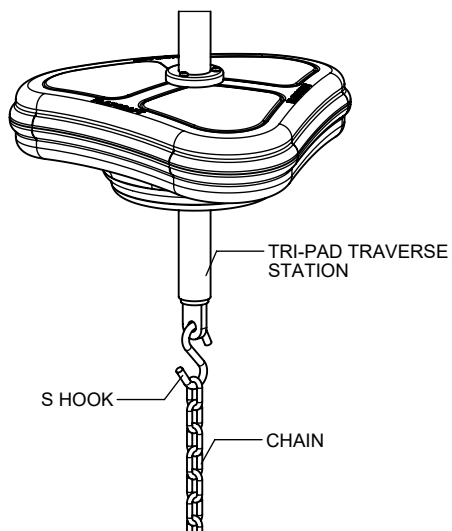


## Step 2 (Factory Assembled)

Refer to Footing Detail and Footing Layout for orientation and attach Tri-Pads to Tri-Pad Traverse Stations as shown in Figure 2. (See Note A)



**FIGURE 2**



**FIGURE 3**

## Step 3 (Factory Assembled)

Attach Chains to Tri-Pad Traverse Stations as shown in Figure 3.

**NOTE:** Crimp S-Hook so no gap is greater than 0.04" [1mm].

## Step 4

### For Beam to Post Connection

Refer to Footing Detail and remove required post plugs. Attach Disc Traverse Beam as shown in Figure 1.1. (See Note A)

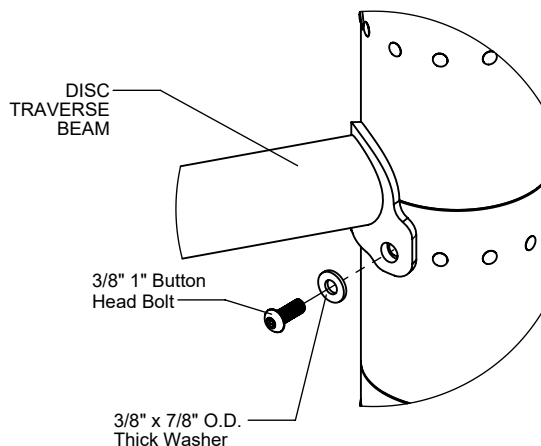


Figure 1.1

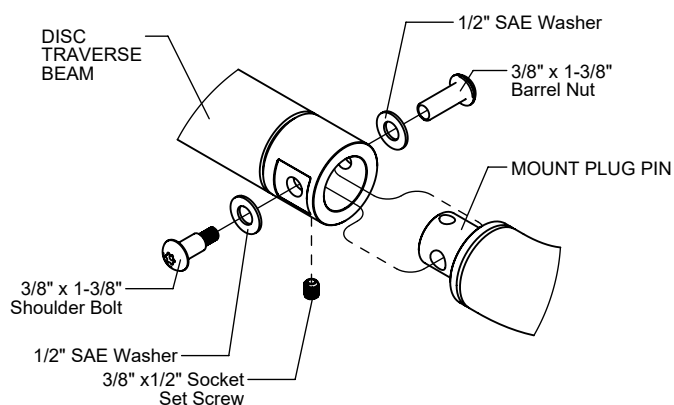


Figure 1.2

## Step 5

### For Beam to Pin Connection

Attach Disc Traverse Beam as shown in Figure 1.2. (See Note A)

## Step 6

Place Chains into footing holes and attach Tri-Pad Traverse Stations to Beam as shown in Figure 1.3. (See Notes A & B)

## Step 7

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

## Step 8

Plumb and level entire component. Pour concrete into footing holes. Allow at least 72 hours to cure before using this equipment. (See Note B)

**NOTE:** Adjust chain for maximum lateral movement as shown in Elevation View.

## Step 9

Place required protective surfacing under and around Tri-Pad Traverse. (See Note C)

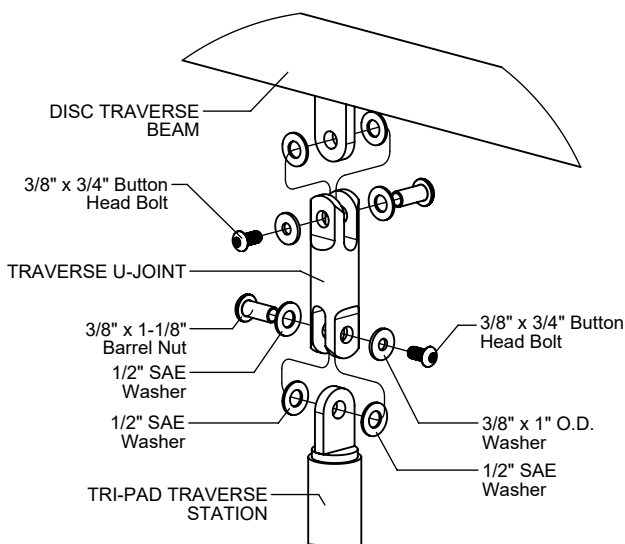


Figure 1.3

## Parts List

S-1419-RV		
PART #	DESCRIPTION	QTY
FS-1419-RV	Disc Traverse Beam RV	1
IE-0010	Traverse U-Joint	3
9103032-TR	Bolt Button Head 3/8" x 3/4"	6
9103052-TR	Bolt Button Head 3/8" x 1"	4
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	6
9339042	Washer Flat 3/8" x 7/8" O.D. x .100" Thick	4
9345002	Washer Flat SAE 1/2"	18
9443052-TR	Nut Barrel 3/8" x 1-1/8" BH	6

S-1419-1RV		
PART #	DESCRIPTION	QTY
FS-1419-1RV	Disc Traverse Beam 1 Mount RV	1
IE-0010	Traverse U-Joint	3
9103032-TR	Bolt Button Head 3/8" x 3/4"	6
9103052-TR	Bolt Button Head 3/8" x 1"	2
9143062-TR	Bolt Shoulder 3/8" x 1-3/8" BH	1
9263012-TR	Screw Soc Set 3/8" x 1/2"	1
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	6
9339042	Washer Flat 3/8" x 7/8" O.D. x .100" Thick	2
9345002	Washer Flat SAE 1/2"	20
9443052-TR	Nut Barrel 3/8" x 1-1/8" BH	6
9443062-TR	Nut Barrel 3/8" x 1-3/8" BH	1

S-1419-2RV		
PART #	DESCRIPTION	QTY
FS-1419-2RV	Disc Traverse Beam 2 Mount RV	1
IE-0010	Traverse U-Joint	3
9103032-TR	Bolt Button Head 3/8" x 3/4"	6
9143062-TR	Bolt Shoulder 3/8" x 1-3/8" BH	2
9263012-TR	Screw Soc Set 3/8" x 1/2"	2
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	6
9345002	Washer Flat SAE 1/2"	22
9443052-TR	Nut Barrel 3/8" x 1-1/8" BH	6
9443062-TR	Nut Barrel 3/8" x 1-3/8" BH	2

## Assembled Parts List

PART #	DESCRIPTION	QTY
DE-0024-H	Tri-Pad	3
EE-0142	Tri-Pad Cap	3
FS-1419-TRI	Tri-Pad Traverse Station	3
HE-0001	Disc Traverse Chain	3
450383	S Hook	3
9103032-TR	Bolt Button Head 3/8" x 3/4"	18
9221272	Screw #12 x 1-1/2" SQDR PH	9
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	12

## Specifications

### DISC TRAVERSE BEAM RV:

Shall be fabricated using 2.375" O.D. 10 gauge steel tubing with welded 3/8" thick steel tabs and 1/4" thick stainless steel mounting brackets. The Disc Traverse Beam RV shall have a multi-stage baked-on powder coat finish.

### DISC TRAVERSE BEAM 1 MOUNT RV:

Shall be fabricated using 2.375" O.D. 10 gauge steel tubing with welded 3/8" thick steel tabs, 1/4" thick stainless steel mounting bracket and stainless steel housing. The Disc Traverse Beam 1 Mount RV shall have a multi-stage baked-on powder coat finish.

### DISC TRAVERSE BEAM 2 MOUNT RV:

Shall be fabricated using 2.375" O.D. 10 gauge steel tubing with welded 3/8" thick steel tabs and stainless steel housings. The Disc Traverse Beam 2 Mount RV shall have a multi-stage baked-on powder coat finish.

### DISC TRAVERSE CHAIN:

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

### TRI-PAD TRAVERSE STATION:

Shall be fabricated using 1.660" O.D. 11 gauge steel tubing with welded 1/4" thick steel mounting plate and 3/8" thick steel tabs. The Tri-Pad Traverse Station shall have a multi-stage baked-on powder coat finish.

### TRI-PAD CAP:

Shall be made from high density 3/4" sheet plastic specially formulated for optimum UV stability and color retention.

### TRI-PAD WITH HOLE:

Shall be constructed of UV-stabilized, rotationally molded, linear, low density polyethylene with an average wall thickness of .250".

### TRAVERSE U-JOINT:

Shall be stainless steel to resist rust and corrosion.

### 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.