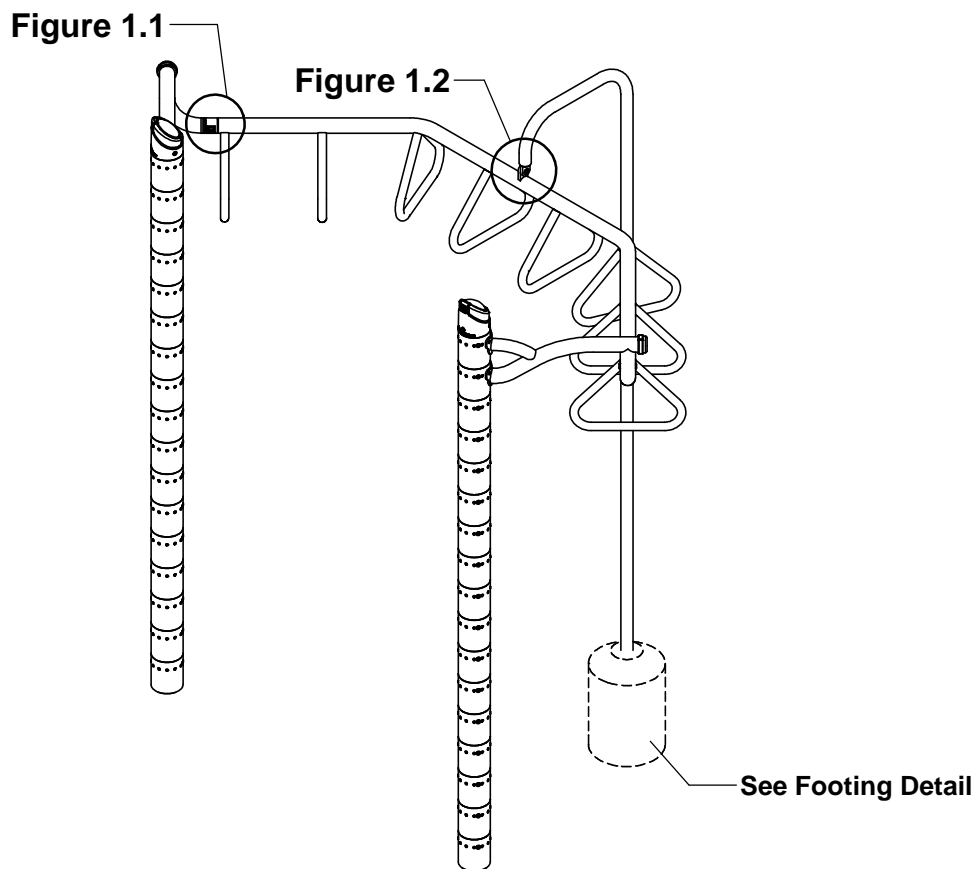


## IMPORTANT NOTES: Read First

- (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) The maximum height of rungs (at grasping point) from the top of the protective surfacing varies by age group: Ages 2-5: 60" [1524mm] above protective surfacing. Ages 5-12: 84" [2130mm] above protective surfacing.
- (D) 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**  
Loop Traverse 90°



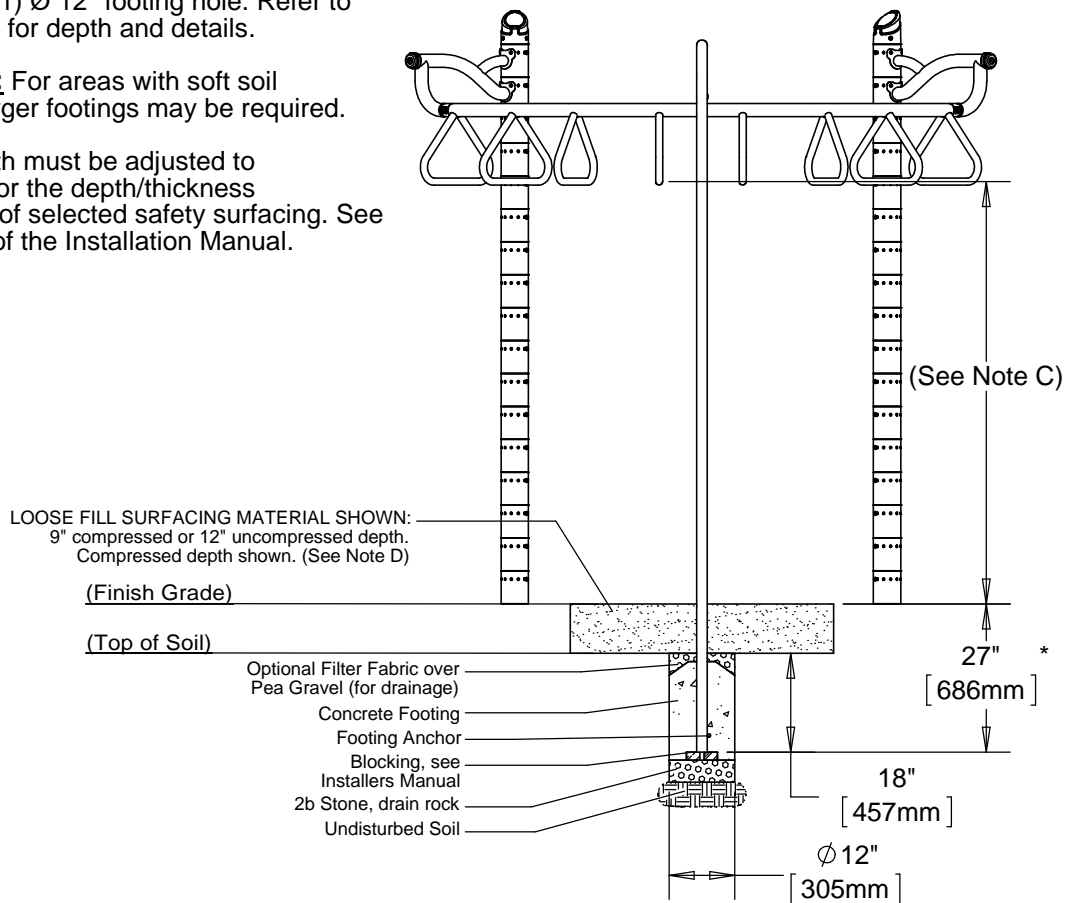
### Step 1

Refer to Footing Layout and mark footing hole location. Dig (1) Ø 12" footing hole. Refer to Footing Detail for depth and details.

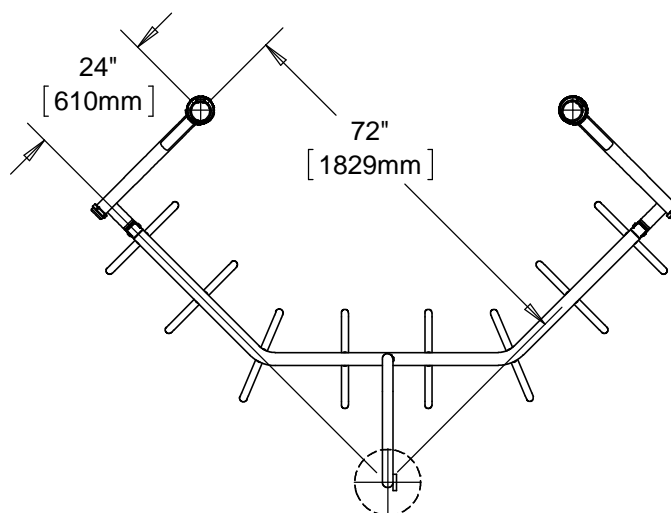
**IMPORTANT:** For areas with soft soil conditions, larger footings may be required.

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

### Footing Detail

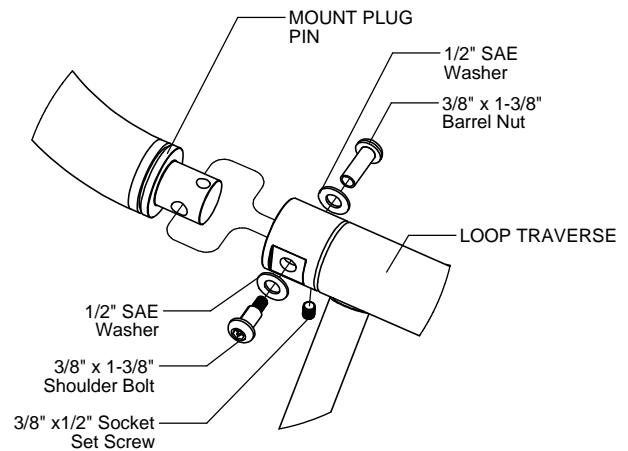


### Top View - Footing Layout

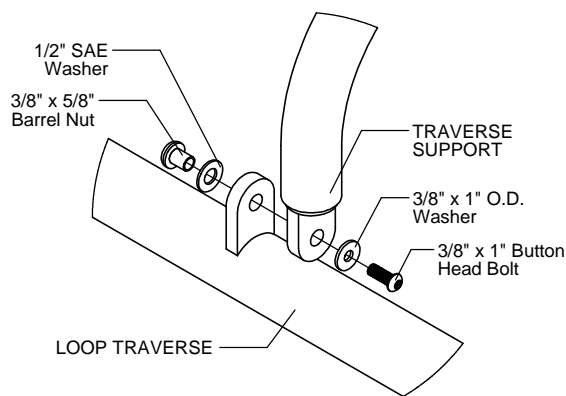


## Step 2

Locate and attach Loop Traverse as shown in Figure 1.1.  
(See Notes A & C)



**Figure 1.1**



**Figure 1.2**

## Step 3

Place Traverse Support into footing hole and attach to Loop Traverse as shown in Figure 1.2.  
(See Note A)

## Step 4

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

## Step 5

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

## Step 6

Place required protective surfacing under and around Loop Traverse 90°. (See Note D)

# LOOP TRAVERSE 90° INSTALLATION INSTRUCTIONS

**RV-1411-90**  
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## Parts List

Part #	DESCRIPTION	QTY.
FS-1411-90A	Loop Traverse 90° Support	1
FS-1411-2RV90	Loop Traverse 90° 2RV	1
9103052-TR	Bolt Button Head 3/8" x 1"	1
9143062-TR	Bolt Shoulder 3/8" x 1-3/8" BH	2
9263012-TR	3/8" x 1/2" Socket Set Screw	2
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	1
9345002	Washer Flat SAE 1/2"	5
9443022-TR	Nut Barrel 3/8" x 5/8" BH	1
9443062-TR	Nut Barrel 3/8" x 1-3/8"	2

## Specifications

### LOOP TRAVERSE 90° SUPPORT:

Shall be fabricated using 1.900" O.D. 11 gauge steel tubing with welded 1/2" thick steel mounting tab. The Loop Traverse 90° Support shall have a multi-stage baked-on powder coat finish.

### LOOP TRAVERSE 90° 2RV:

Shall be fabricated using 2.375" O.D. 10 gauge steel tubing with welded 1.315" O.D. 12 gauge steel loops and stainless steel housings. The Loop Traverse 90° 2RV 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.



Manufactured by Krauss Craft, Inc.  
www.playcraftsystems.com

For Customer Service Call  
800.333.8519 (U.S.A.) or  
541.955.9199 (International)

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