

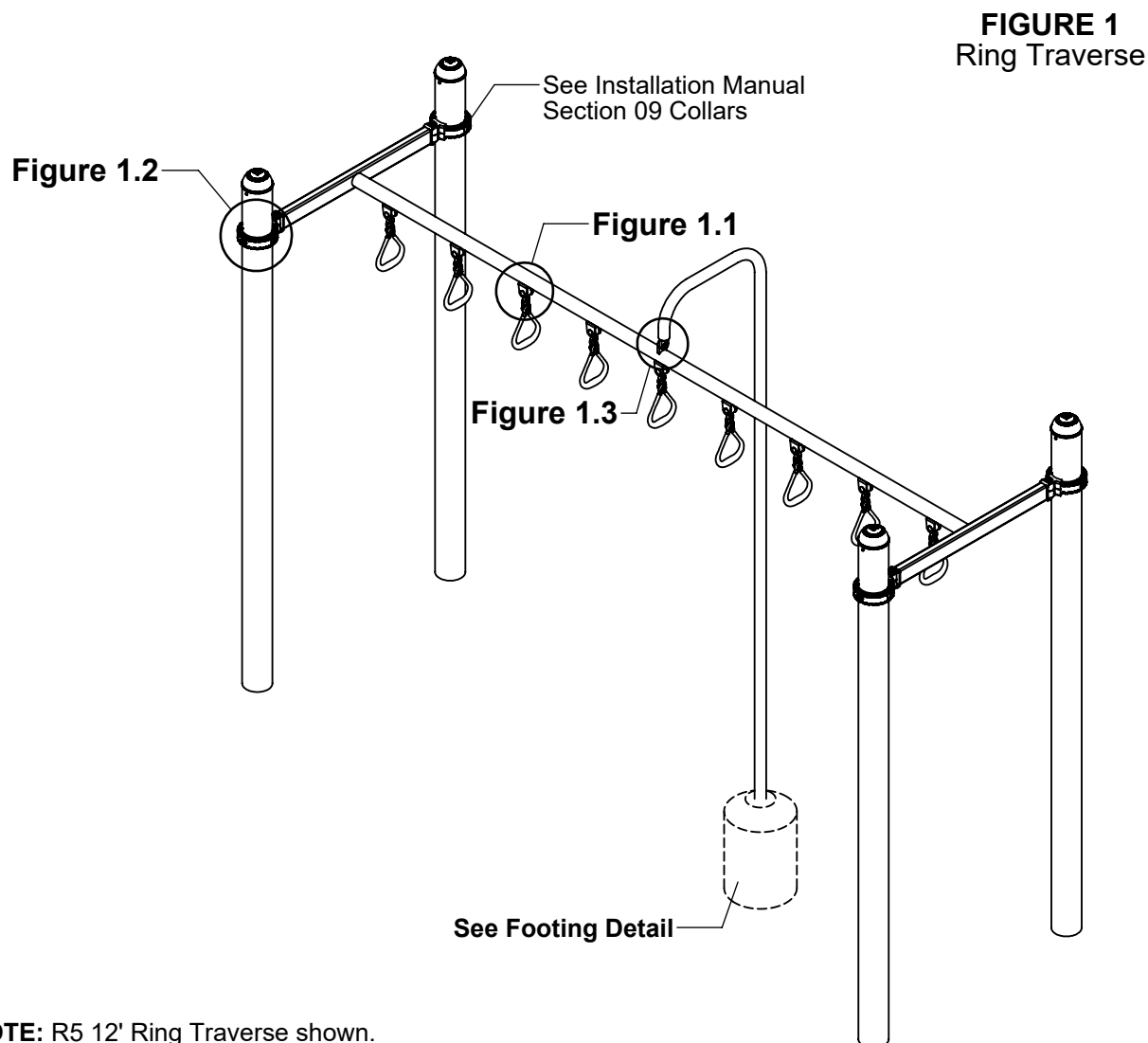
## IMPORTANT NOTES: Read First

(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) Refer to Installation Manual for 09 Collars installation instructions.

(C) The maximum height of rungs (at grasping point) from the top of the protective surfacing varies by age group: Ages 2-5: 60" [1524 mm] above ground cover. Ages 5-12: 84" [2130 mm] above ground cover.

(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.



**NOTE:** R5 12' Ring Traverse shown.  
Other configurations will vary slightly, but  
does not affect assembly.

## Step 1

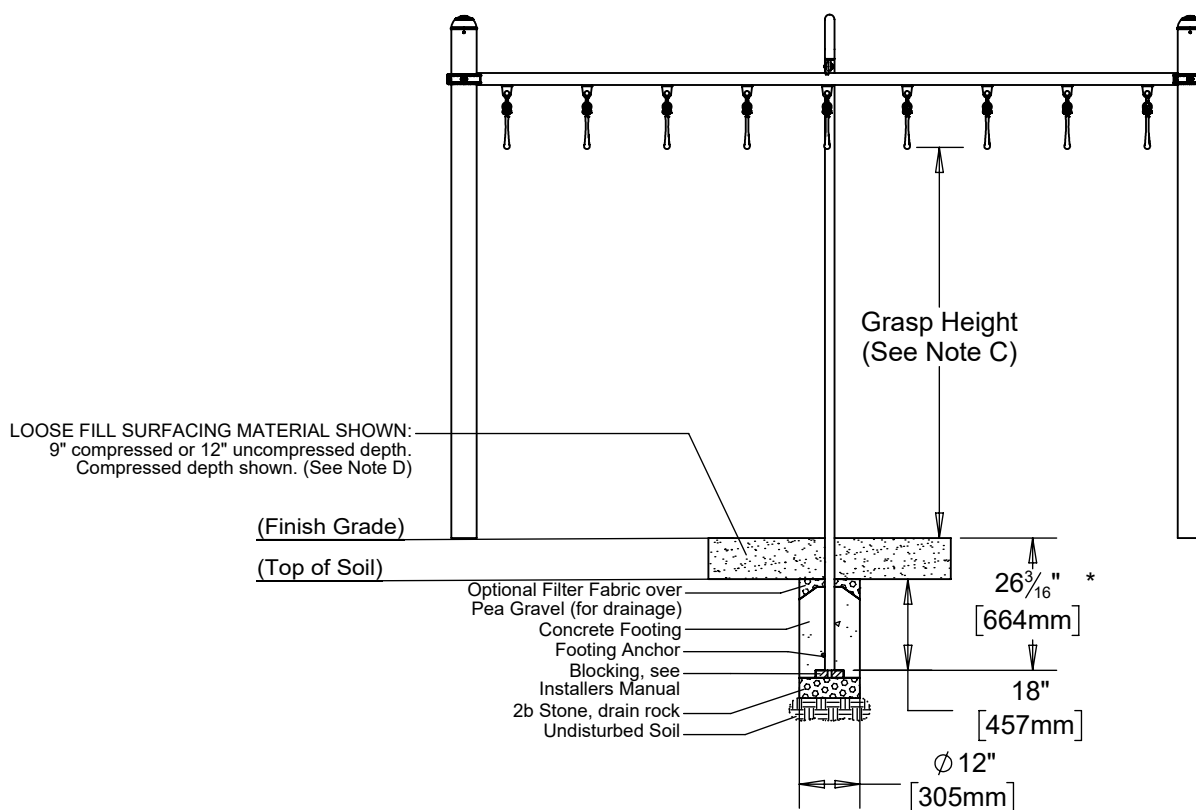
### For 12' Ring Traverse Only

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

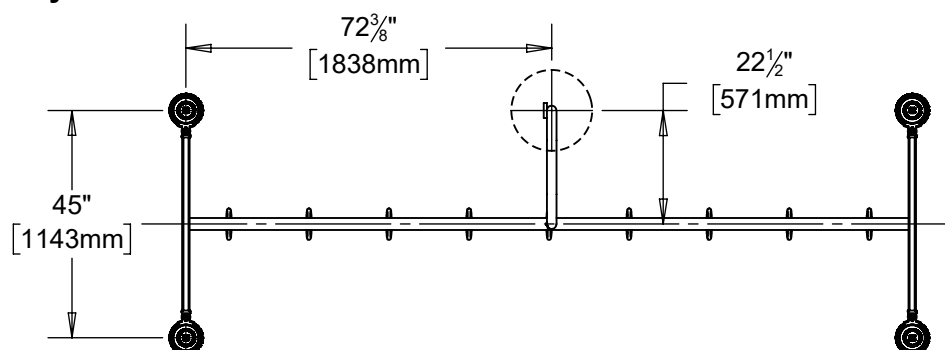
**IMPORTANT:** For areas with soft soil conditions, larger footings may be required.

\* 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

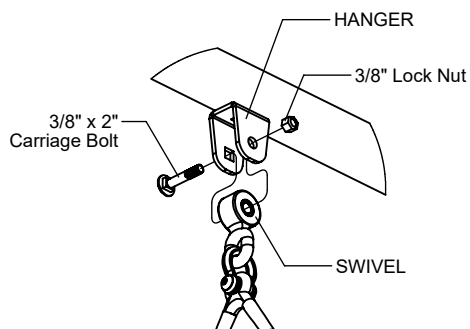


## Step 2

Locate and attach collars as shown in Footing Detail.  
(See Notes B & C)

## Step 3

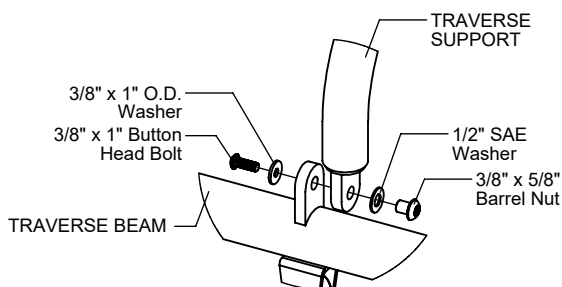
Attach Tri-Rings to Swivels as shown in Figure 2.  
(See Note A)



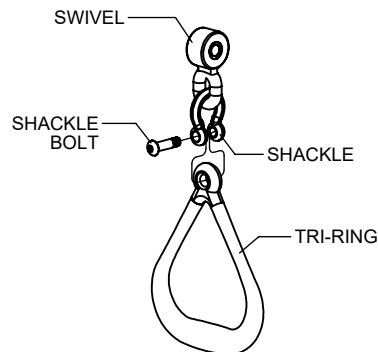
**Figure 1.1**

## Step 5

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



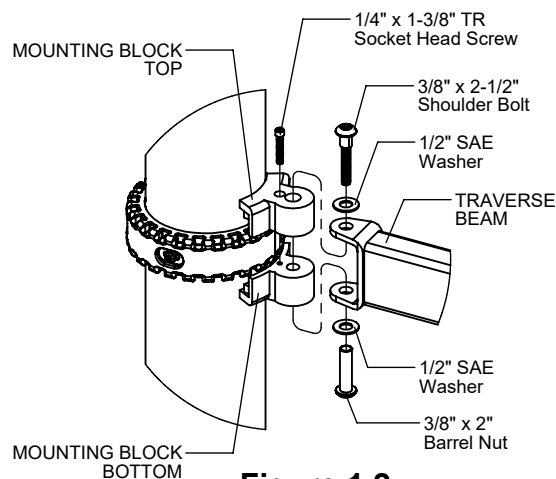
**Figure 1.3**



**FIGURE 2**

## Step 4

Attach Swivels to Hangers as shown in Figure 1.1.  
(See Note A)



**Figure 1.2**

## Step 6

### For 12' Ring Traverse Only

Place Traverse Support into footing hole and attach to Traverse Beam as shown in Figure 1.3.  
(See Note A)

## Step 7

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

## Step 8

Place required protective surfacing under and around Ring Traverse. (See Note D)

# RING TRAVERSE INSTALLATION INSTRUCTIONS

**1408**  
Page 4 of 5

## Parts List

S-1408-R35		
Part #	DESCRIPTION	QTY
FS-1408-R35	Ring Traverse 84" R35	1
GG-8125	Mounting Block 6 Top R3.5	4
GG-8127	Mounting Block 6 Bottom R3.5	4
411000	Tri-Ring	5
451161-SS	Swing Shackle - Stainless Steel	5
471002	Swing Hanger w/ Nut & Bolt	5
9143112-TR	Bolt Shoulder 3/8" x 2-1/2" BH	4
9281062-5-TR	Screw Soc HD CS 1/4" x 1-3/8" TR	4
9345002	Washer Flat SAE 1/2"	8
9443092-TR	Nut Barrel 3/8" x 2" BH	4

S-1408-R35X2		
Part #	DESCRIPTION	QTY
FS-1408-R35X2	Double Ring Traverse 84" R35	1
GG-8125	Mounting Block 6 Top R3.5	4
GG-8127	Mounting Block 6 Bottom R3.5	4
411000	Tri-Ring	10
451161-SS	Swing Shackle - Stainless Steel	10
471002	Swing Hanger w/ Nut & Bolt	10
9143112-TR	Bolt Shoulder 3/8" x 2-1/2" BH	4
9281062-5-TR	Screw Soc HD CS 1/4" x 1-3/8" TR	4
9345002	Washer Flat SAE 1/2"	8
9443092-TR	Nut Barrel 3/8" x 2" BH	4

S-1408-R5		
Part #	DESCRIPTION	QTY
FS-1408-R5	Ring Traverse 122" R5	1
GF-7006-B	Mounting Block R5 Bottom	4
GF-7006-T	Mounting Block R5 Top	4
411000	Tri-Ring	8
451161-SS	Swing Shackle - Stainless Steel	8
471002	Swing Hanger w/ Nut & Bolt	8
9143112-TR	Bolt Shoulder 3/8" x 2-1/2" BH	4
9281062-5-TR	Screw Soc HD CS 1/4" x 1-3/8" TR	4
9345002	Washer Flat SAE 1/2"	8
9443092-TR	Nut Barrel 3/8" x 2" BH	4

S-1408-R5X2		
Part #	DESCRIPTION	QTY
FS-1408-RX2	Double Ring Traverse 122" R5	1
GF-7006-B	Mounting Block R5 Bottom	4
GF-7006-T	Mounting Block R5 Top	4
411000	Tri-Ring	16
451161-SS	Swing Shackle - Stainless Steel	16
471002	Swing Hanger w/ Nut & Bolt	16
9143112-TR	Bolt Shoulder 3/8" x 2-1/2" BH	4
9281062-5-TR	Screw Soc HD CS 1/4" x 1-3/8" TR	4
9345002	Washer Flat SAE 1/2"	8
9443092-TR	Nut Barrel 3/8" x 2" BH	4

S-1408-RX290		
Part #	DESCRIPTION	QTY.
FS-1408-RX290	Double Ring Traverse 90" R5	1
GF-7006-B	Mounting Block R5 Bottom	4
GF-7006-T	Mounting Block R5 Top	4
411000	Tri-Ring	10
451161-SS	Swing Shackle - Stainless Steel	10
471002	Swing Hanger w/ Nut & Bolt	10
9143112-TR	Bolt Shoulder 3/8" x 2-1/2" BH	4
9281062-5-TR	Screw Soc HD CS 1/4" x 1-3/8" TR	4
9345002	Washer Flat SAE 1/2"	8
9443092-TR	Nut Barrel 3/8" x 2" BH	4

S-1408-R144		
Part #	DESCRIPTION	QTY.
FS-1408-R144	Ring Traverse 144" R5	1
FS-1411-90A	Loop Traverse 90° Support	1
GF-7006-B	Mounting Block R5 Bottom	4
GF-7006-T	Mounting Block R5 Top	4
411000	Tri-Ring	9
451161-SS	Swing Shackle - Stainless Steel	9
471002	Swing Hanger w/ Nut & Bolt	9
9103052-TR	Bolt Button Head 3/8" x 1"	1
9143112-TR	Bolt Shoulder 3/8" x 2-1/2" BH	4
9281062-5-TR	Screw Soc HD CS 1/4" x 1-3/8" TR	4
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	1
9345002	Washer Flat SAE 1/2"	9
9443022-TR	Nut Barrel 3/8" x 5/8" BH	1
9443092-TR	Nut Barrel 3/8" x 2" BH	4



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**Rev G**  
1/4/2019

## 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.

### **RING TRAVERSE:**

Shall be fabricated using 2.375" O.D. 10 gauge steel tubing with welded 1-1/2" x 3" 11 gauge Rec T.S. supports and 1/4" thick steel clevises. The Ring Traverse shall have a multi-stage baked-on powder coat finish.

### **MOUNTING BLOCKS:**

Shall be two-part and precision die-cast from a high strength aluminum alloy. The Mounting Blocks 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.