

## IMPORTANT NOTES: Read First

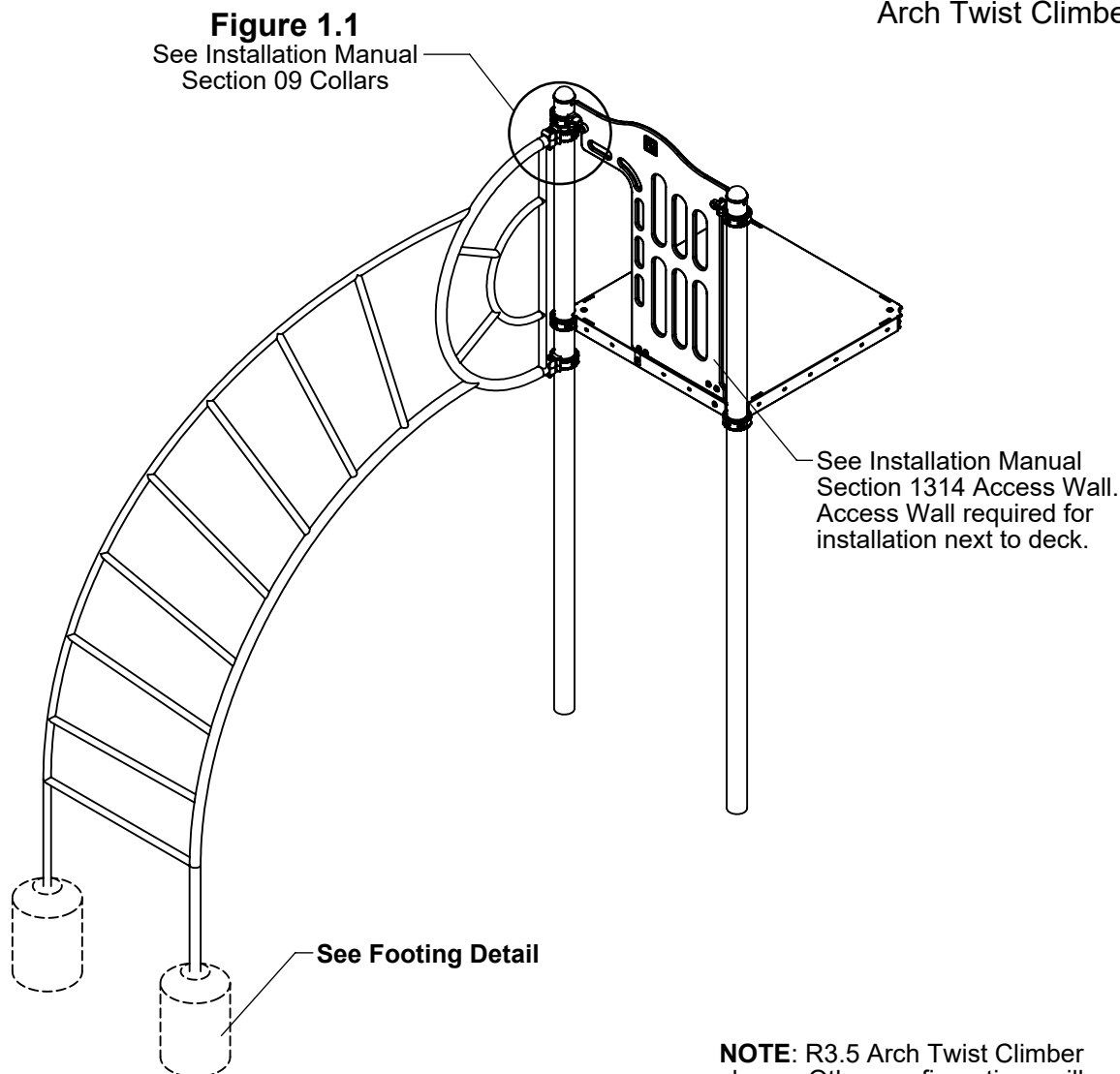
(A) Use liquid thread lock (such as Loctite®) with all threaded hardware. **Important:** Liquid thread lock (prior to curing) helps to eliminate the common problem of "thread seizure" in stainless steel hardware by serving as a lubricant during assembly.

(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) Refer to Installation Manual for 09 Collars and 1314 Access Wall installation instructions.

(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**  
Arch Twist Climber



**NOTE:** R3.5 Arch Twist Climber shown. Other configurations will vary slightly, but does not affect assembly.

## Step 1

Refer to Footing Layout and mark footing hole locations. Dig (2) Ø 12" footing holes. Refer to Footing Detail for depth and details.

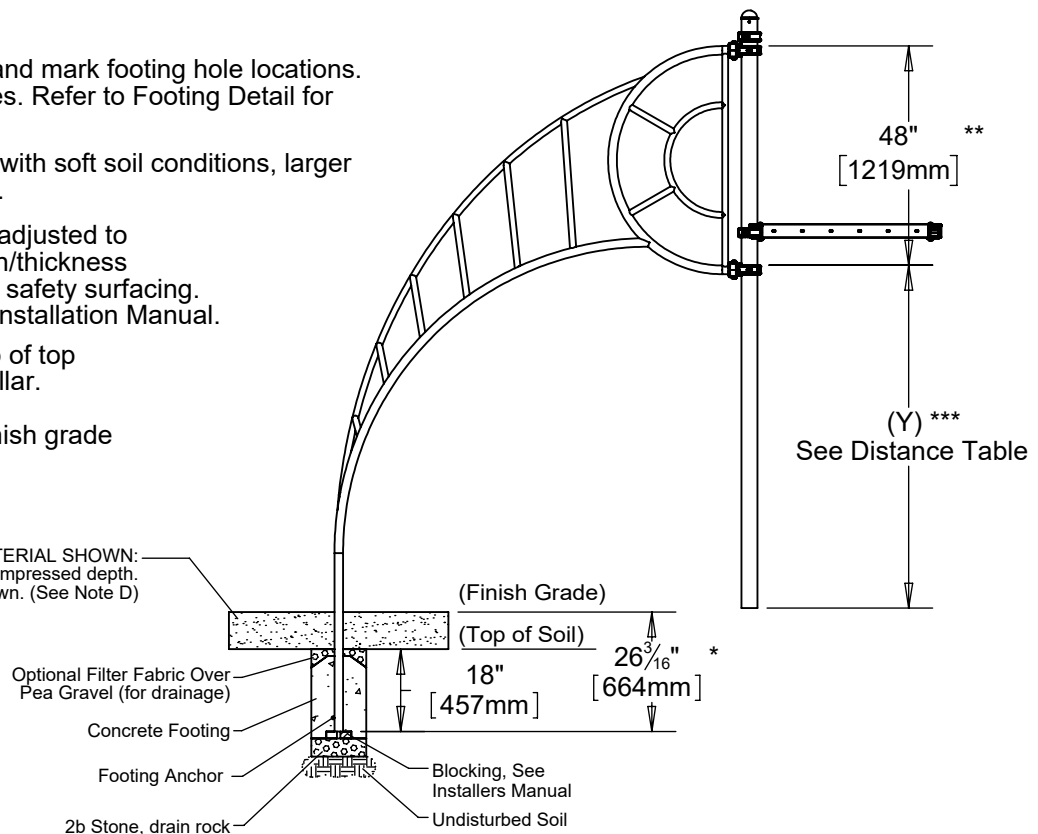
**IMPORTANT:** For areas with soft soil conditions, larger footings may be required.

\* 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 top of top collar to top of bottom collar.

\*\*\* Height shown from finish grade to top of collar.

LOOSE FILL SURFACING MATERIAL SHOWN:  
9" compressed or 12" uncompressed depth.  
Compressed depth shown. (See Note D)

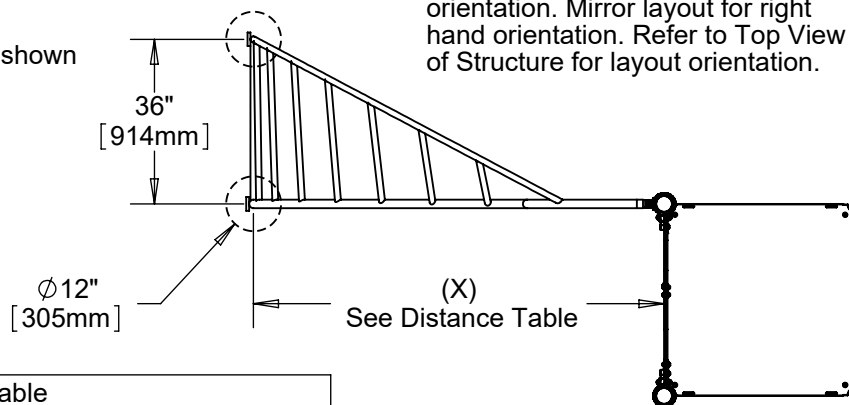


### Footing Detail

## Step 2

Locate and attach collars at height shown in Footing Detail. (See Note C)

**NOTE:** Footing Layout is for left hand orientation. Mirror layout for right hand orientation. Refer to Top View of Structure for layout orientation.



### Footing Layout

Distance Table		
Part No.	(X)	(Y)
S-1281-5R35	77 13/16" [1976mm]	51" [1295mm]
S-1281-5R5	78 9/16" [1995mm]	51" [1295mm]
S-1281-6R35	89 13/16" [2281mm]	63" [1600mm]
S-1281-6R5	90 9/16" [2300mm]	63" [1600mm]
S-1281-7R35	89 13/16" [2281mm]	75" [1905mm]
S-1281-7R5	90 9/16" [2300mm]	75" [1905mm]
S-1281-8R35	89 13/16" [2281mm]	87" [2210mm]
S-1281-8R5	90 9/16" [2300mm]	87" [2210mm]

## Step 3

Place Arch Twist Climber into footing holes and attach to collars as shown in Figure 1.1. (See Note A)

## Step 4

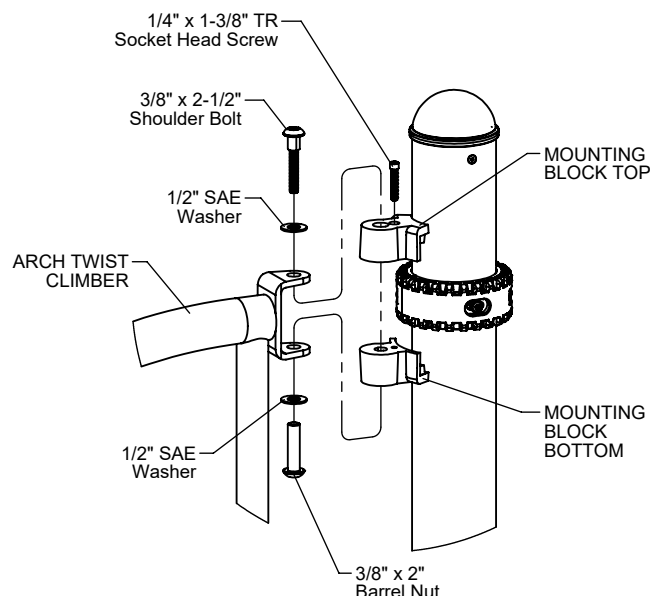
Fully tighten all fasteners according to the "TIGHTENING TORQUE FOR HARDWARE" section of the Installation Manual.

## Step 5

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

## Step 6

Place required protective surfacing under and around Arch Twist Climber. (See Note D)



**Figure 1.1**

## Parts List

1281-R35		
Part #	DESCRIPTION	QTY.
FS-1281	Arch Twist Climber	1
GG-8110	Mounting Block 4 Top R3.5	2
GG-8111	Mounting Block 4 Bottom R3.5	2
9143112-TR	Bolt Shoulder 3/8" x 2-1/2" BH	2
9281062-5-TR	Screw Soc HD CS 1/4" x 1-3/8" TR	2
9345002	Washer Flat SAE 1/2"	4
9443092-TR	Nut Barrel 3/8" x 2" BH	2
S-1314-R35	Wall Access R3.5	1

1281-R5		
Part #	DESCRIPTION	QTY.
FS-1281	Arch Twist Climber	1
GF-7006-B	Mounting Block R5 Bottom	2
GF-7006-T	Mounting Block R5 Top	2
9143112-TR	Bolt Shoulder 3/8" x 2-1/2" BH	2
9281062-5-TR	Screw Soc HD CS 1/4" x 1-3/8" TR	2
9345002	Washer Flat SAE 1/2"	4
9443092-TR	Nut Barrel 3/8" x 2" BH	2

## Specifications

### ARCH TWIST CLIMBER:

Shall be 1.315" O.D. 12 gauge steel rungs, spokes and upper rail welded to 1.900" O.D. 11 gauge steel outer hub and lower rail with 1/4" steel clevises for mounting. Arch Twist Climber 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 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.