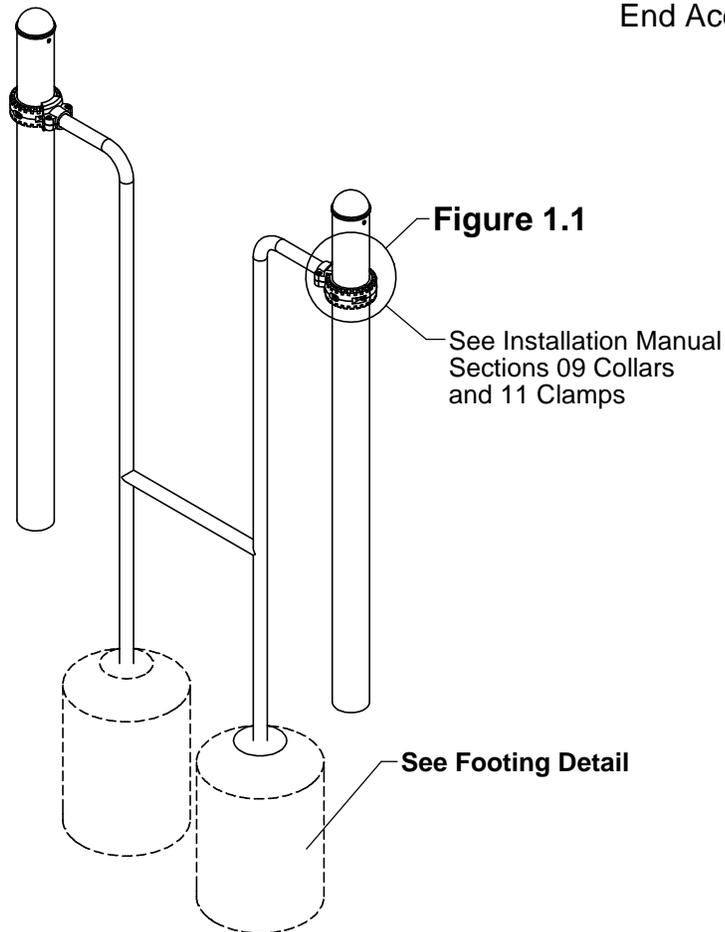


**IMPORTANT NOTES: Read First**

- (A) Use liquid thread lock (such as Loctite<sup>®</sup>) 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 & 11 Socket Clamps.
- (C) 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).
- (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  
End Access Ladder**



**NOTE:** R3.5 End Access Ladder shown. Other configurations will vary slightly, but does not affect assembly.

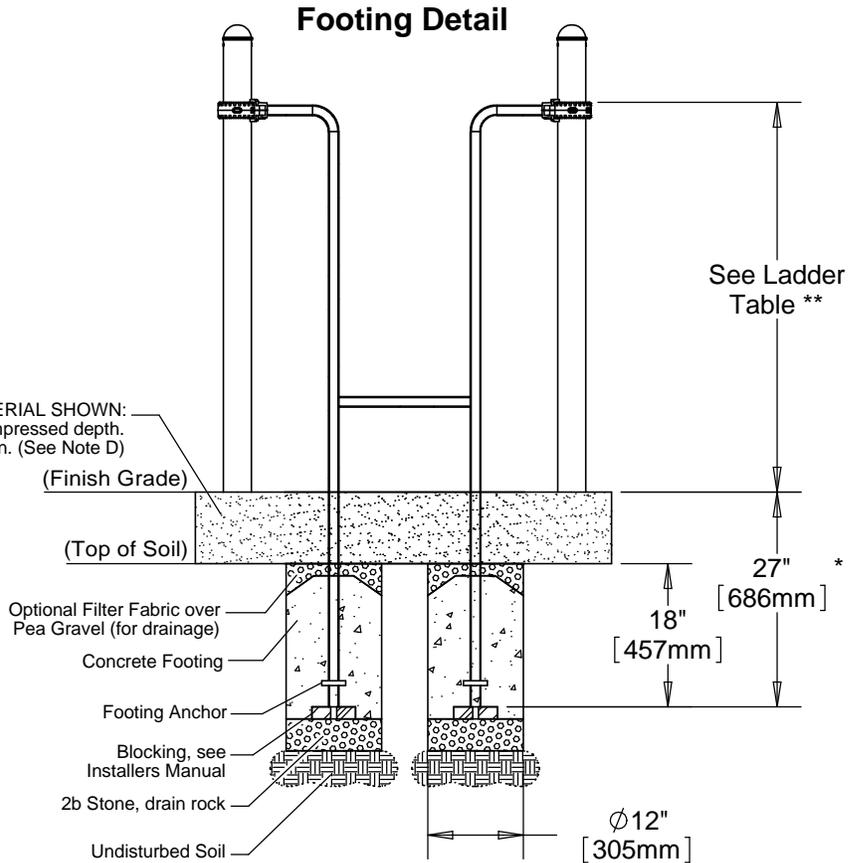
## Step 1

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.

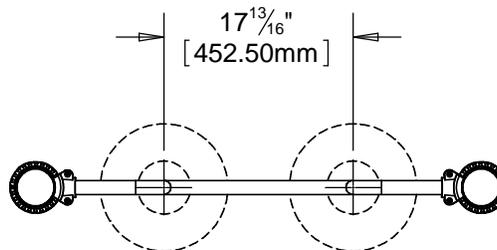
LOOSE FILL SURFACING MATERIAL SHOWN:  
9" compressed or 12" uncompressed depth.  
Compressed depth shown. (See Note D)



\*\* Dimensions are from Top of Collar to surfacing.

** Ladder Table		
# of Rungs	Inches	mm
1 Rung	49"	1245
2 Rung	61"	1549
3 Rung	73"	1854

## Top View - Footing Layout



## Step 2

Locate and attach collars to posts at height given in Footing Detail. (See Note B)

## Step 3

Place ladder into footing holes and attach to collars as shown in Figure 1.1. (See Note B)

## Step 4

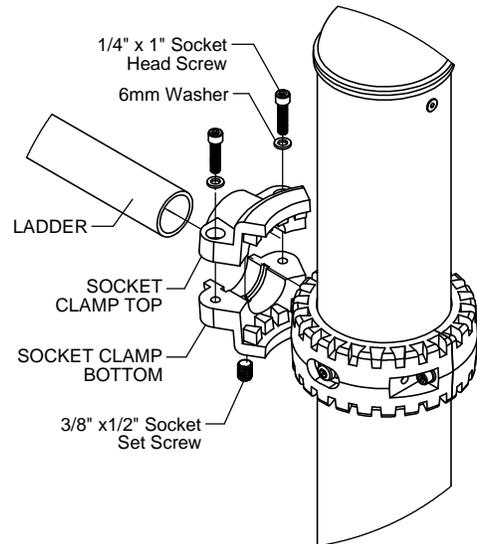
Fully tighten all fasteners according to the "TIGHTENING TORQUE FOR HARDWARE" section of the Installation Manual.

## 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 C)

## Step 6

Place required protective surfacing under and around End Access Ladder. (See Note D)



**FIGURE 1.1**

## Parts List

S-1401-R35		
Part #	DESCRIPTION	QTY.
FS-1401-R35	End Access Ladder 1-Rung R35	1
HS-1001-R35	Socket Clamp Set R3.5	2

S-1402-R35		
Part #	DESCRIPTION	QTY.
FS-1402-R35	End Access Ladder 2-Rung R35	1
HS-1001-R35	Socket Clamp Set R3.5	2

S-1403-R35		
Part #	DESCRIPTION	QTY.
FS-1403-R35	End Access Ladder 3-Rung R35	1
HS-1001-R35	Socket Clamp Set R3.5	2

S-1401-R		
Part #	DESCRIPTION	QTY.
FS-1401-R	End Access Ladder 1-Rung R5	1
HS-1001-R5	Socket Clamp Set R5	2

S-1402-R		
Part #	DESCRIPTION	QTY.
FS-1402-R	End Access Ladder 2-Rung R5	1
HS-1001-R5	Socket Clamp Set R5	2

S-1403-R		
Part #	DESCRIPTION	QTY.
FS-1403-R	End Access Ladder 3-Rung R5	1
HS-1001-R5	Socket Clamp Set R5	2

## Specifications

### END ACCESS LADDER:

Shall be fabricated using 1.315" OD, 12 gauge steel tubing. End Access Ladder shall have a multi-stage baked-on powder coat finish.

### SOCKET CLAMPS:

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