

## IMPORTANT NOTES: Read First

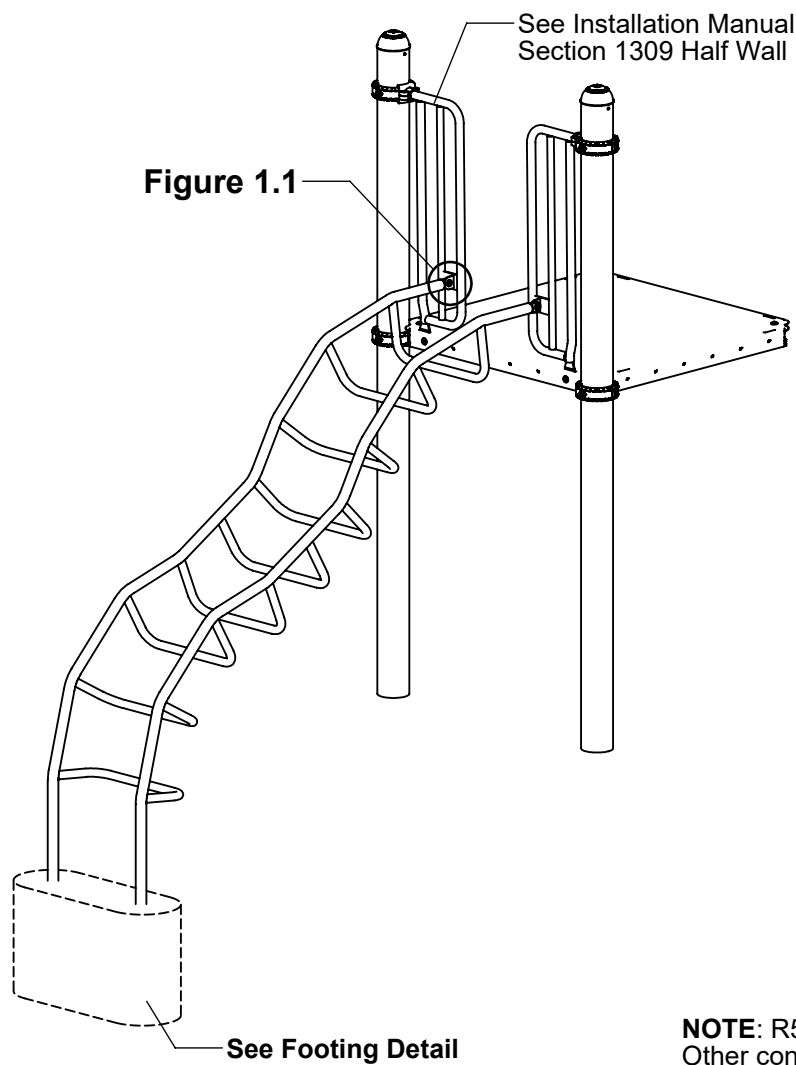
(A) Use liquid thread lock (such as Loctite®) with all threaded hardware. **Important:** Liquid thread lock (prior to curing) helps to eliminate the common problem of "thread seizure" in stainless steel hardware by serving as a lubricant during assembly.

(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 1309 Half Wall assembly 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**  
**Wave Climber**



**NOTE:** R5 5' deck height shown.  
Other configurations will vary slightly,  
but does not affect assembly.

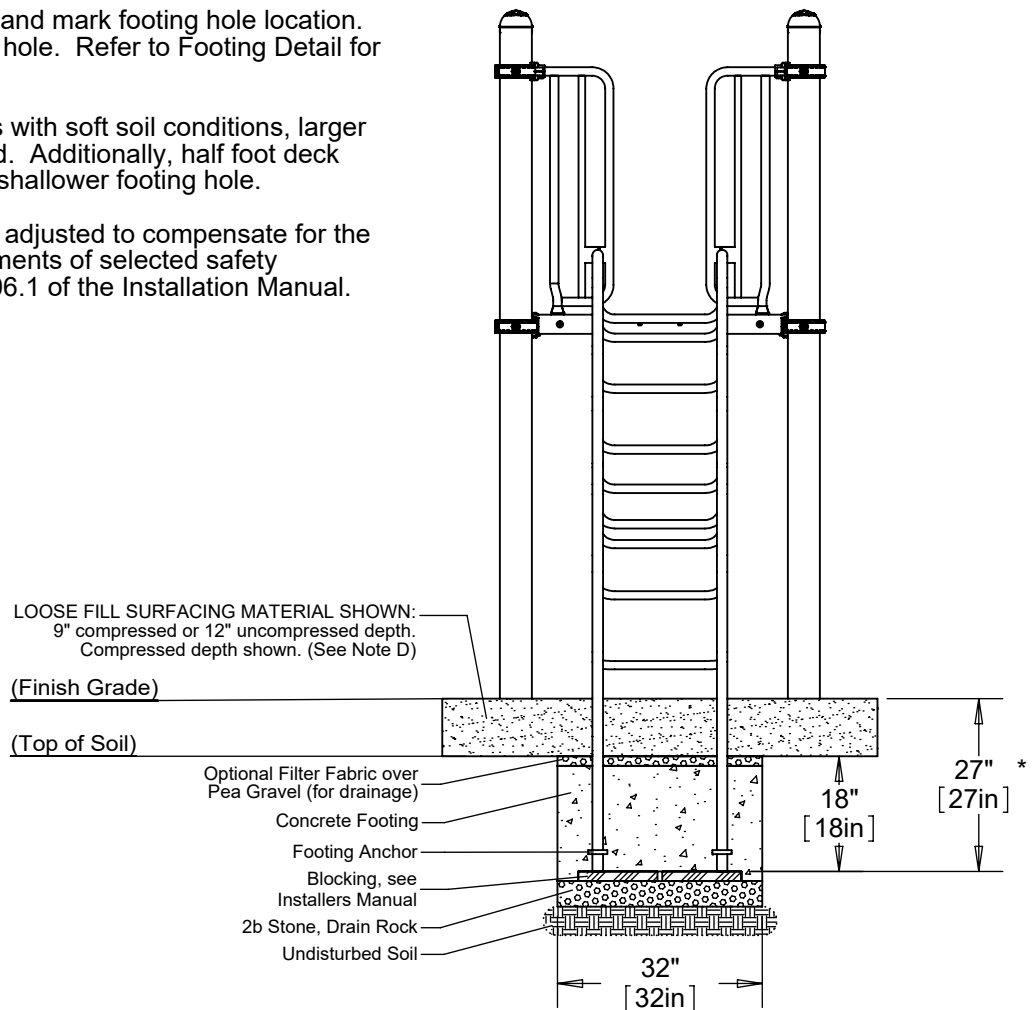
## Step 1

Refer to Footing Layout and mark footing hole location. Dig (1) 12" x 32" footing hole. Refer to Footing Detail for depth and details.

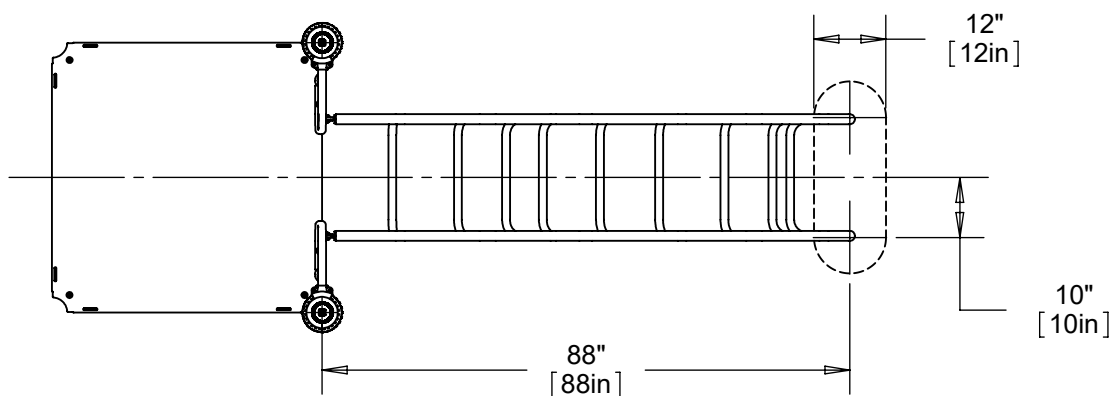
**IMPORTANT:** For areas with soft soil conditions, larger footings may be required. Additionally, half foot deck heights will require a 6" shallower footing hole.

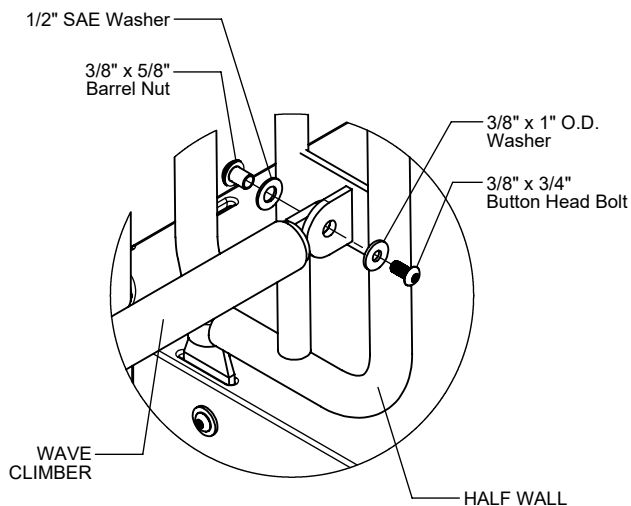
\* Footing depth must be adjusted to compensate for the depth/thickness requirements of selected safety surfacing. See Section 06.1 of the Installation Manual.

### Footing Detail



### Top View - Footing Layout





**Figure 1.1**

## Step 2

Attach Half Walls to deck. Place Wave Climber into footing hole and attach to the Half Wall as shown in Figure 1.1. (See Notes A & C)

## Step 3

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

## Step 4

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 5

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

## Parts List

R3.5 WAVE CLIMBER		
Part #	DESCRIPTION	QTY
FS-1225	Wave Climber	1
FS-1225-R35MT	Wave Climber Half Wall R3.5	2
HS-1001-R35	Socket Clamp Set R3.5	2
9103032-TR	Bolt Button Head 3/8" x 3/4"	2
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	2
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	6
9345002	Washer Flat SAE 1/2"	2
9413002	Nut Lock 3/8"	2
9443022-TR	Nut Barrel 3/8" x 5/8" BH	2

R5 WAVE CLIMBER		
Part #	DESCRIPTION	QTY
FS-1225	Wave Climber	1
FS-1225-RMT	Wave Climber Half Wall R5	2
HS-1001-R5	Socket Clamp Set R5	2
9103032-TR	Bolt Button Head 3/8" x 3/4"	2
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	2
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	6
9345002	Washer Flat SAE 1/2"	2
9413002	Nut Lock 3/8"	2
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## Specifications

### WAVE CLIMBER:

Shall be fabricated from Ø 1.660" 11 gauge steel tubing with welded Ø 1.315" 12 gauge steel rungs and will have a multi-stage baked-on powder coat finish.

### WAVE CLIMBER HALF WALL:

Shall be fabricated from Ø 1.315" 12 gauge steel tubing and welded Ø 1.029" 14 gauge steel vertical rail, 1/4" steel plate and 1/4" steel tab and will 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.