

## IMPORTANT NOTES: Read First

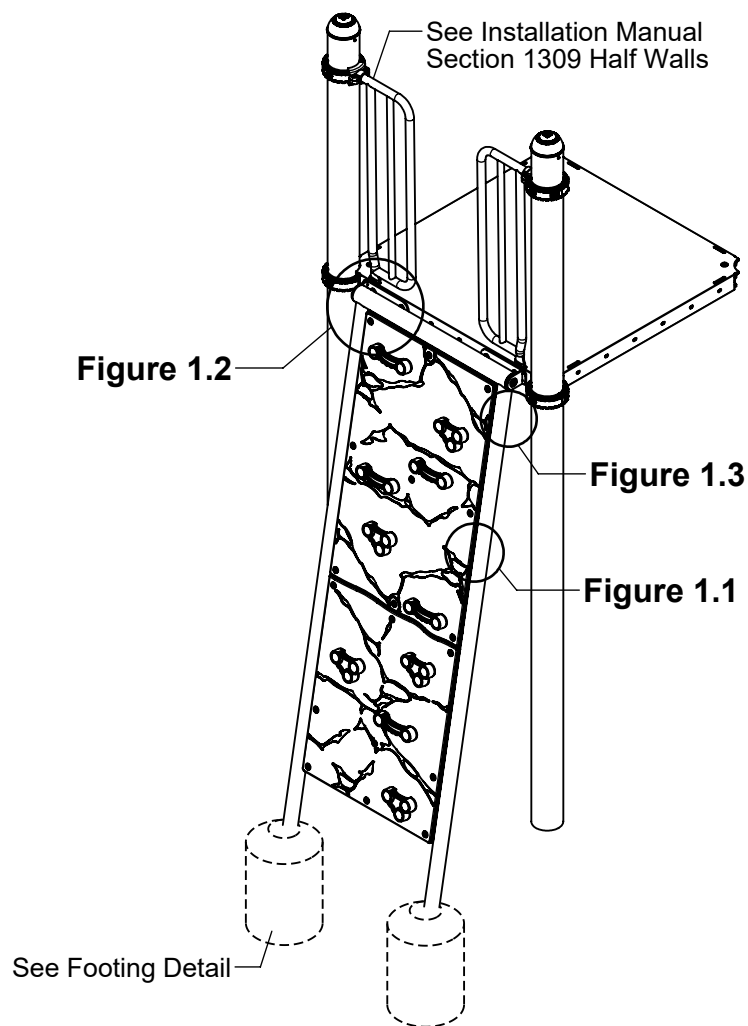
(A) Use liquid thread lock (such as Loctite®) with all threaded hardware. **Important:** Liquid thread lock (prior to curing) helps to eliminate the common problem of "thread seizure" in stainless steel hardware by serving as a lubricant during assembly.

(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 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**  
Poly Climb Wall



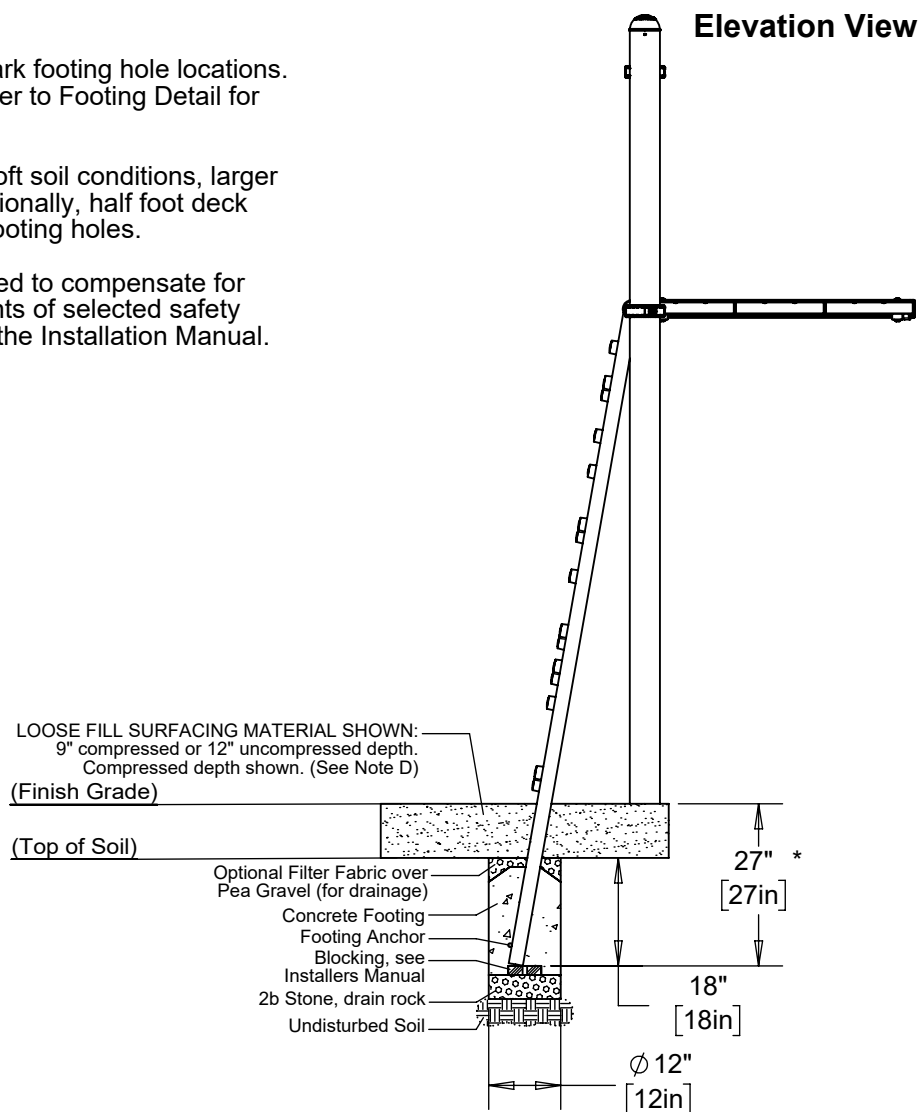
**NOTE:** R5 7' Poly Climb Wall shown. Other configurations will vary slightly, but does not affect assembly.

### 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.

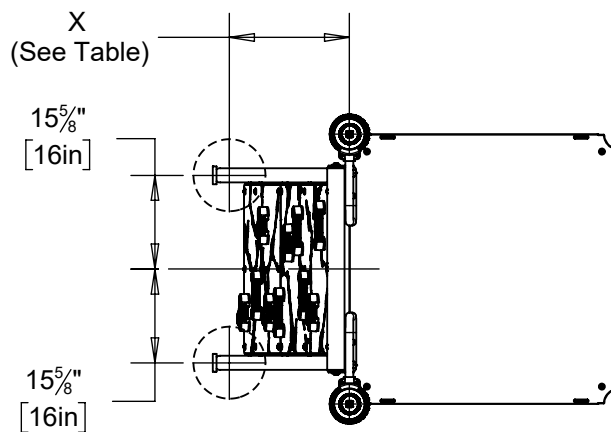
**IMPORTANT:** For areas with soft soil conditions, larger footings may be required. Additionally, half foot deck heights will require 6" deeper footing holes.

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



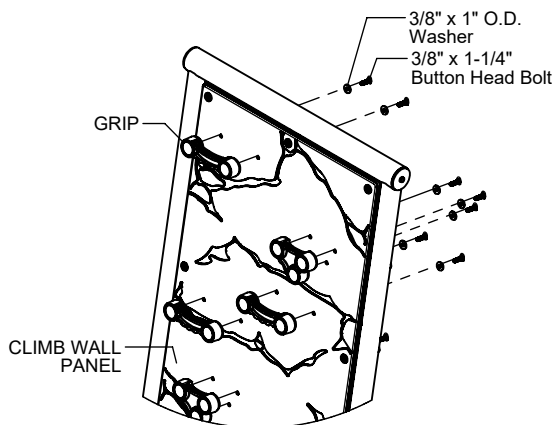
### Top View - Footing Layout

Footing Distance Table		
Center of Post to Center of Footing		
Deck Height	X (in.)	X (mm)
84"	20"	508
96"	22-1/8"	562



## Step 2 (Factory Assembled)

Attach Climb Wall Panels to Frame as shown in Figure 1.1. (See Note A)

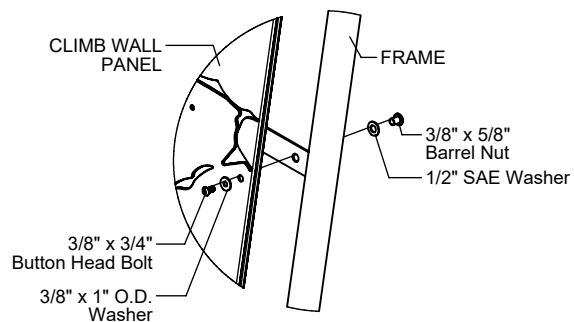


**FIGURE 2**

## Step 4

Using Climb Wall as a guide, position and attach Grip Ramp Brackets and Half Walls to Deck as shown in Figure 1.2. (See Notes A & C)

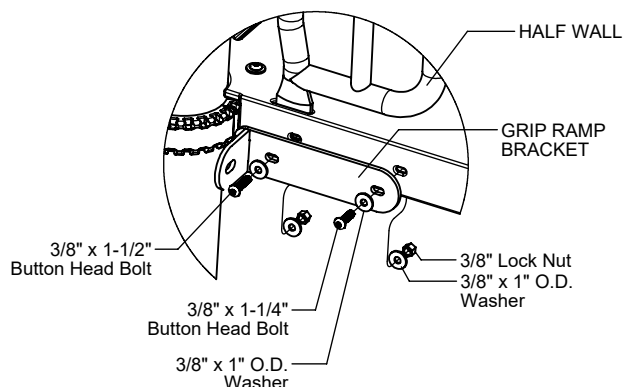
**NOTE:** Use (2) 3/8" x 1-1/2" Button Head Bolts included with Poly Climb Wall assembly.



**Figure 1.1**

## Step 3 (Factory Assembled)

Attach Grips to Climb Wall Panels as shown in Figure 2. (See Note A)

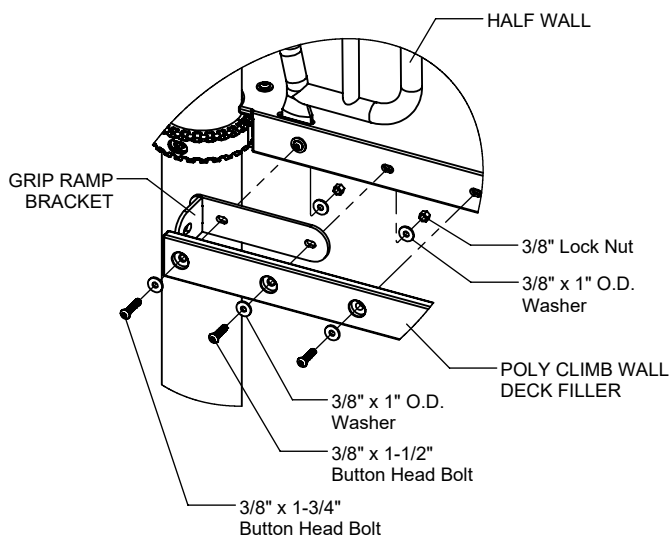


**Figure 1.2**

## Step 5 (For JPFA Only)

Using Climb Wall as a guide, position and attach Poly Climb Wall Deck Filler, Grip Ramp Brackets and Half Walls to Deck as shown in Figure 3. (See Notes A & C)

**NOTE:** Use (2) 3/8" x 1-1/2" Button Head Bolts included with Poly Climb Wall assembly.



## Step 6

Attach Frame to Grip Ramp Brackets as shown in Figure 1.3. (See Note A)

## Step 7

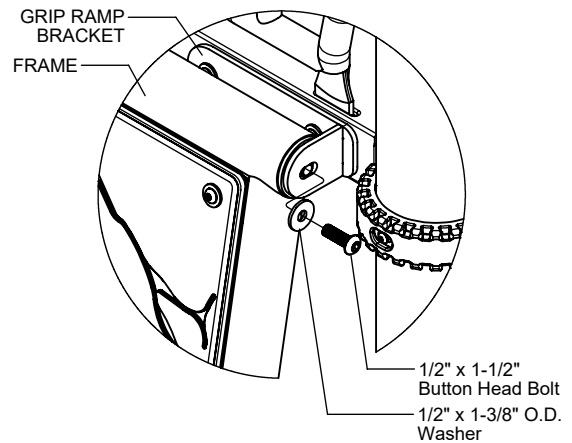
Fully tighten all fasteners according to the "TIGHTENING TORQUE FOR HARDWARE" section of the Installation Manual.

## Step 8

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 9

Place required protective surfacing under and around Poly Climb Wall. (See Note D)



**Figure 1.3**

# POLY CLIMB WALL INSTALLATION INSTRUCTIONS

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## Parts List

POLY CLIMB WALL 7'		
Part #	DESCRIPTION	QTY.
FS-1214-BRKT	Grip Ramp Bracket	2
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	2
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	2
9105072	Bolt Button Head 1/2" x 1-1/2"	2
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	8
9335062-5	Washer Flat 1/2" x 1-3/8" OD	2
9413002	Nut Lock 3/8"	4

POLY CLIMB WALL 7' JAPAN		
Part #	DESCRIPTION	QTY.
EE-0655	Poly Climb Wall Deck Filler	1
FS-1214-BRKT	Grip Ramp Bracket	2
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	4
9103082-TR	Bolt Button Head 3/8" x 1-3/4"	2
9105072	Bolt Button Head 1/2" x 1-1/2"	2
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	12
9335062-5	Washer Flat 1/2" x 1-3/8" OD	2
9413002	Nut Lock 3/8"	6

POLY CLIMB WALL 8'		
Part #	DESCRIPTION	QTY.
EE-0255	Poly Climb Wall Top Panel	1
EE-4754	Poly Climb Wall 96" Bottom Panel	1
FS-1248-8	Poly Climb Wall 96" Frame	1
GE-4152	Ramp Grip 2-Hole	6
GE-4190	Ramp Grip 3-Hole	6
9103032-TR	Bolt Button Head 3/8" x 3/4"	18
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	30
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	48
9345002	Washer Flat SAE 1/2"	18
9443022-TR	Nut Barrel 3/8" x 5/8" BH	18

## Assembled Parts List

POLY CLIMB WALL 7'		
Part #	DESCRIPTION	QTY.
EE-0104	Poly Climb Wall 84" Bottom Panel	1
EE-0255	Poly Climb Wall Top Panel	1
FS-1248-7	Poly Climb Wall 84" Frame	1
GE-4152	Ramp Grip 2-Hole	5
GE-4190	Ramp Grip 3-Hole	5
9103032-TR	Bolt Button Head 3/8" x 3/4"	18
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	25
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	43
9345002	Washer Flat SAE 1/2"	18
9443022-TR	Nut Barrel 3/8" x 5/8" BH	18

POLY CLIMB WALL 7' JAPAN		
Part #	DESCRIPTION	QTY.
EE-0104-JPN	Poly Climb Wall 84" Bottom Panel - Japan	1
EE-0255-JPN	Poly Climb Wall Top Panel - Japan	1
FS-1248-7	Poly Climb Wall 84" Frame	1
GE-4152	Ramp Grip 2-Hole	5
GE-4190	Ramp Grip 3-Hole	5
9103032-TR	Bolt Button Head 3/8" x 3/4"	18
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	25
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	43
9345002	Washer Flat SAE 1/2"	18
9443022-TR	Nut Barrel 3/8" x 5/8" BH	18

POLY CLIMB WALL 8'		
Part #	DESCRIPTION	QTY.
EE-0255	Poly Climb Wall Top Panel	1
EE-4754	Poly Climb Wall 96" Bottom Panel	1
FS-1248-8	Poly Climb Wall 96" Frame	1
GE-4152	Ramp Grip 2-Hole	6
GE-4190	Ramp Grip 3-Hole	6
9103032-TR	Bolt Button Head 3/8" x 3/4"	18
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	30
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	48
9345002	Washer Flat SAE 1/2"	18
9443022-TR	Nut Barrel 3/8" x 5/8" BH	18

## Specifications

### **POLY CLIMB WALL FRAME:**

Shall be fabricated using 2.375" O.D. 11 gauge steel tubing with welded 10 gauge sheet steel cross brackets and will have a multi-stage baked-on powder coat finish.

### **POLY CLIMB WALL & DECK FILLER:**

Shall be made from high density 3/4" sheet plastic specially formulated for optimum UV stability and color retention.

### **GRIP RAMP BRACKET:**

Shall be two part laser-cut and welded from 1/4" thick steel and will have a multi-stage baked-on powder coat finish.

### **RAMP GRIP:**

Shall be one piece and precision die-cast from a high strength aluminum alloy. The Ramp Grip comes in 2-hole and 3-hole styles and is finished with a vinyl coating.

### **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.