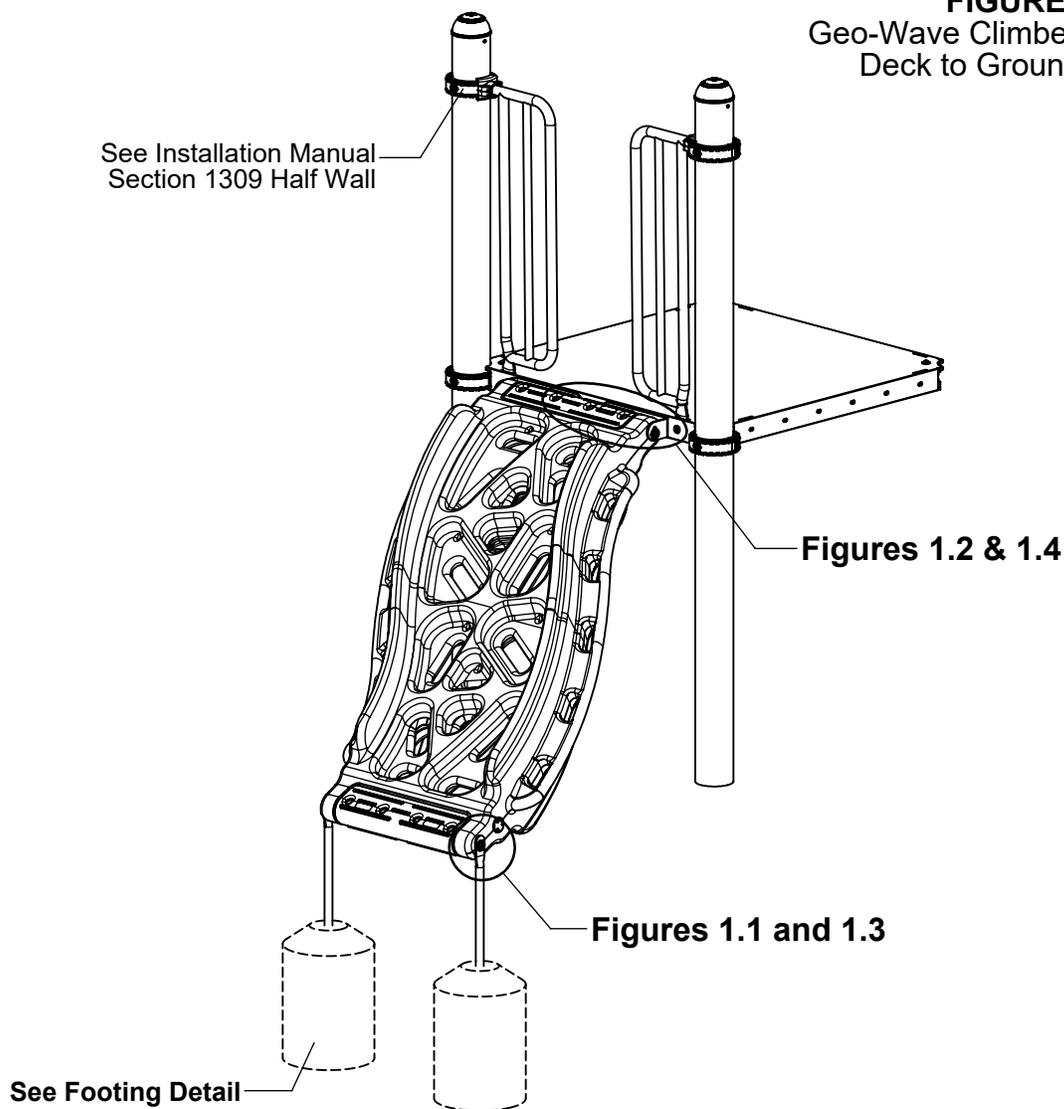


**IMPORTANT NOTES: Read First**

- (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) 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) Use appropriate compliant protective surfacing and adjust footing depths accordingly. 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.

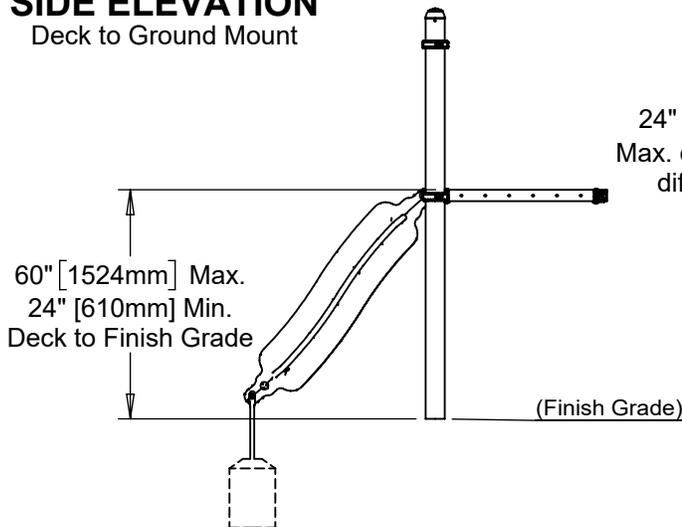
**FIGURE 1**  
Geo-Wave Climber Horizontal  
Deck to Ground Mount



**NOTE:** R5 4' deck height ground mount shown. Other configurations will vary slightly but does not affect assembly.

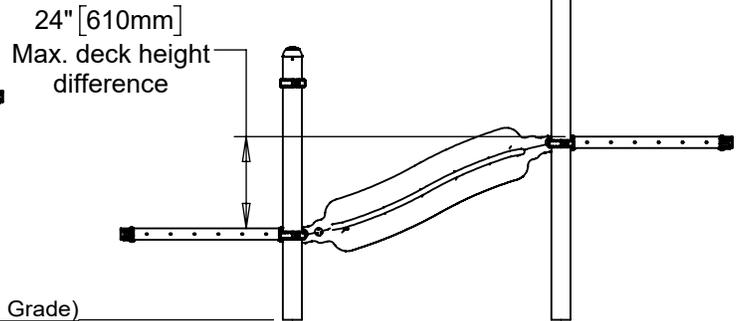
## SIDE ELEVATION

Deck to Ground Mount



## SIDE ELEVATION

Deck to Deck Mount



## Step 1 For Deck to Ground Mount Only

Refer to Footing Layout and mark footing hole locations.3  
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.

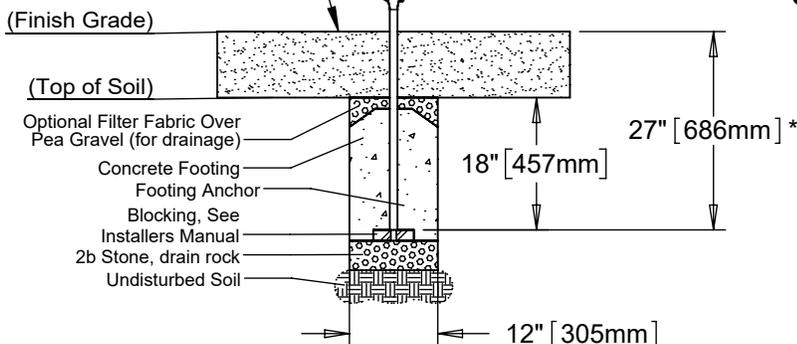
### Footing Distance Table

Center of Post to Center of Footing

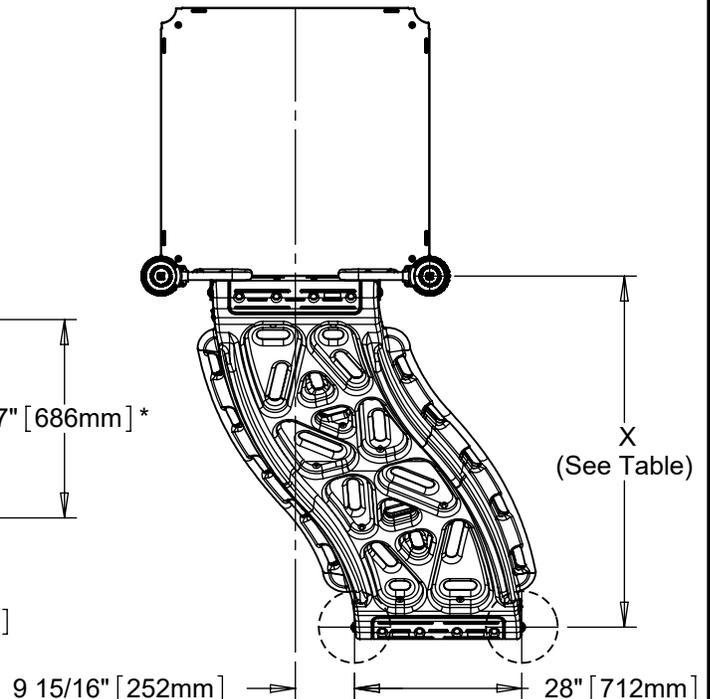
Deck Height	X (in.)	X (mm)
24"	69-7/8	1774
30"	68-1/8	1730
36"	65-3/4	1670
42"	62-11/16	1592
48"	58-13/16	1495
54"	54	1372
60"	47-7/8	1216

### Footing Detail

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



### Top View - Footing Layout

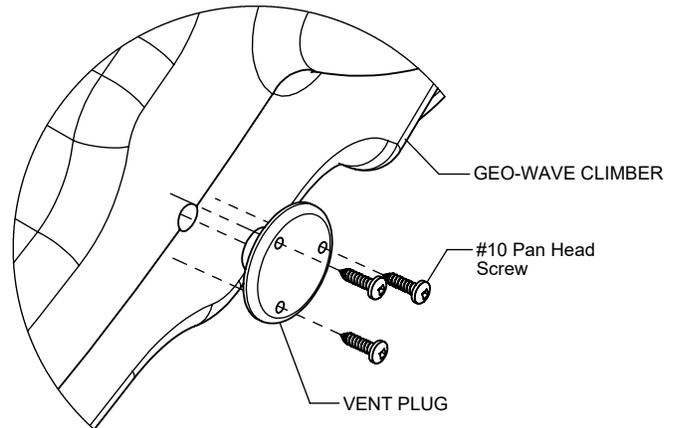


## Step 2 (Factory Assembled)

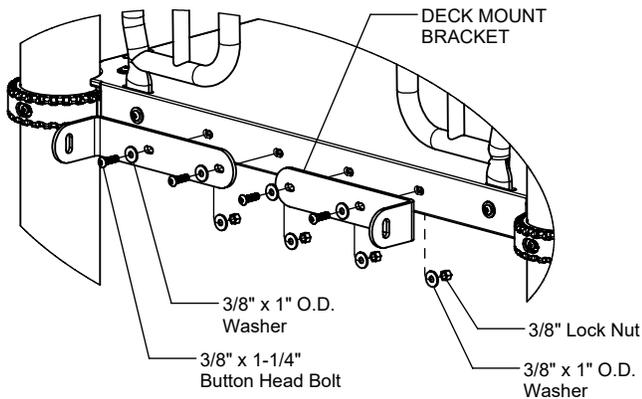
Plug vent holes at each end using the Vent Plugs as shown in Figure 1.1.

## Step 3

Attach Half Walls to decks. (See Note C)



**Figure 1.1**



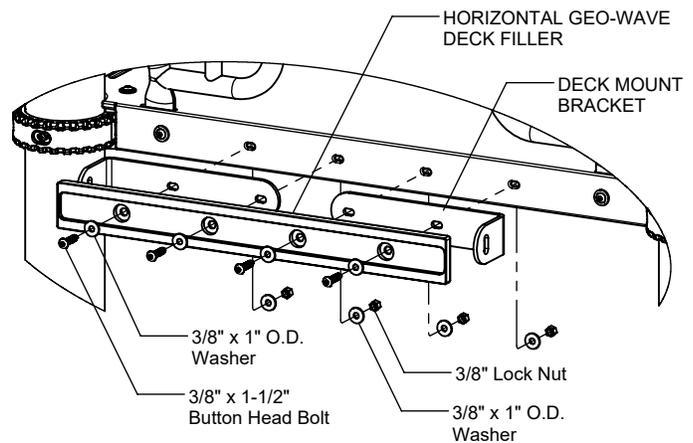
**Figure 1.2**

## Step 4

Attach Deck Mount Brackets to deck as shown in Figure 1.2. (See Note A)

## Step 5 (For JPFA Only)

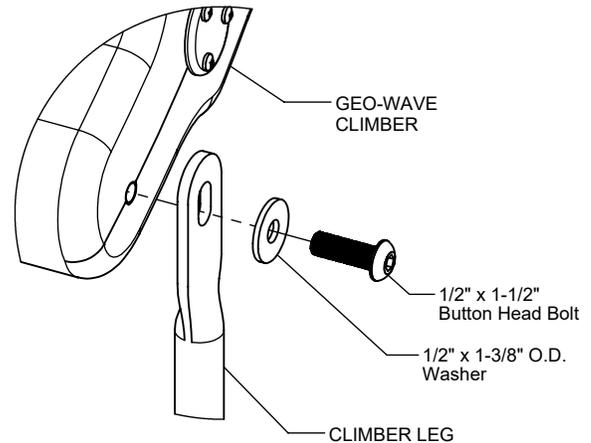
Attach Deck Mount Brackets and Horizontal Geo-Wave Deck Filler to deck as shown in Figure 2. (See Note A)



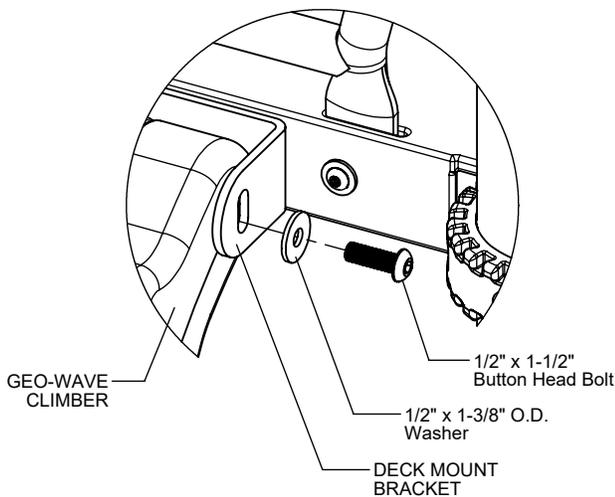
**FIGURE 2**

## Step 6 For Deck to Ground Mount Only

Attach Geo-Wave Climber Legs to Geo-Wave Climber as shown in Figure 1.3. Place Geo-Wave Climber Legs into footing holes. (See Notes A & B)



**Figure 1.3**



**Figure 1.4**

## Step 7

Attach Geo-Wave Climber to Deck Mount Brackets as shown in Figure 1.4. (See Note A)

## Step 8

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

## Step 9

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 10

Place appropriate compliant protective surfacing under and around Geo-Wave Climber. (See Note D)

### Parts List

DECK TO DECK MOUNT		
Part #	DESCRIPTION	QTY
BE-4820	Geo-Wave Deck Mount Bracket	4
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	8
9105072	Bolt Button Head 1/2" x 1-1/2"	4
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	16
9335062-5	Washer Flat 1/2" x 1-3/8" OD	4
9413002	Nut Lock 3/8"	8

DECK TO GROUND MOUNT		
Part #	DESCRIPTION	QTY
BE-4820	Geo-Wave Deck Mount Bracket	2
FS-1249-DGH	Geo-Wave Climber Deck-Ground-Horizontal Leg	2
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	4
9105072	Bolt Button Head 1/2" x 1-1/2"	4
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	8
9335062-5	Washer Flat 1/2" x 1-3/8" OD	4
9413002	Nut Lock 3/8"	4

DECK TO GROUND MOUNT JAPAN		
Part #	DESCRIPTION	QTY
BE-4820	Geo-Wave Deck Mount Bracket	2
EE-0656	Horizontal Geo-Wave Deck Filler	1
FS-1249-DGH	Geo-Wave Climber Deck-Ground-Horizontal Leg	2
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	4
9105072	Bolt Button Head 1/2" x 1-1/2"	4
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	8
9335062-5	Washer Flat 1/2" x 1-3/8" OD	4
9413002	Nut Lock 3/8"	4

### Assembled Parts List

Part #	DESCRIPTION	QTY
DE-4807	Geo-Wave Climber Horizontal	1
EE-4867	Geo-Wave Vent Plug	2
9251032	Screw SQ #10x3/4 DR PH SMS SS	6

### Specifications

#### GEO-WAVE CLIMBER:

Shall be constructed of UV-stabilized, rotationally molded, linear low density polyethylene with an average double wall thickness of .250".

#### GEO-WAVE DECK MOUNT BRACKET:

Shall be formed from 1/4" thick sheet steel and will have a multi-stage baked-on powder coat finish.

#### GEO-WAVE CLIMBER LEG:

Shall be fabricated using 1.029" O.D. 14 Gauge steel tubing with formed 1/4" thick end tab and will have a multi-stage baked-on powder coating.

#### DECK FILLER:

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

#### 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.

