

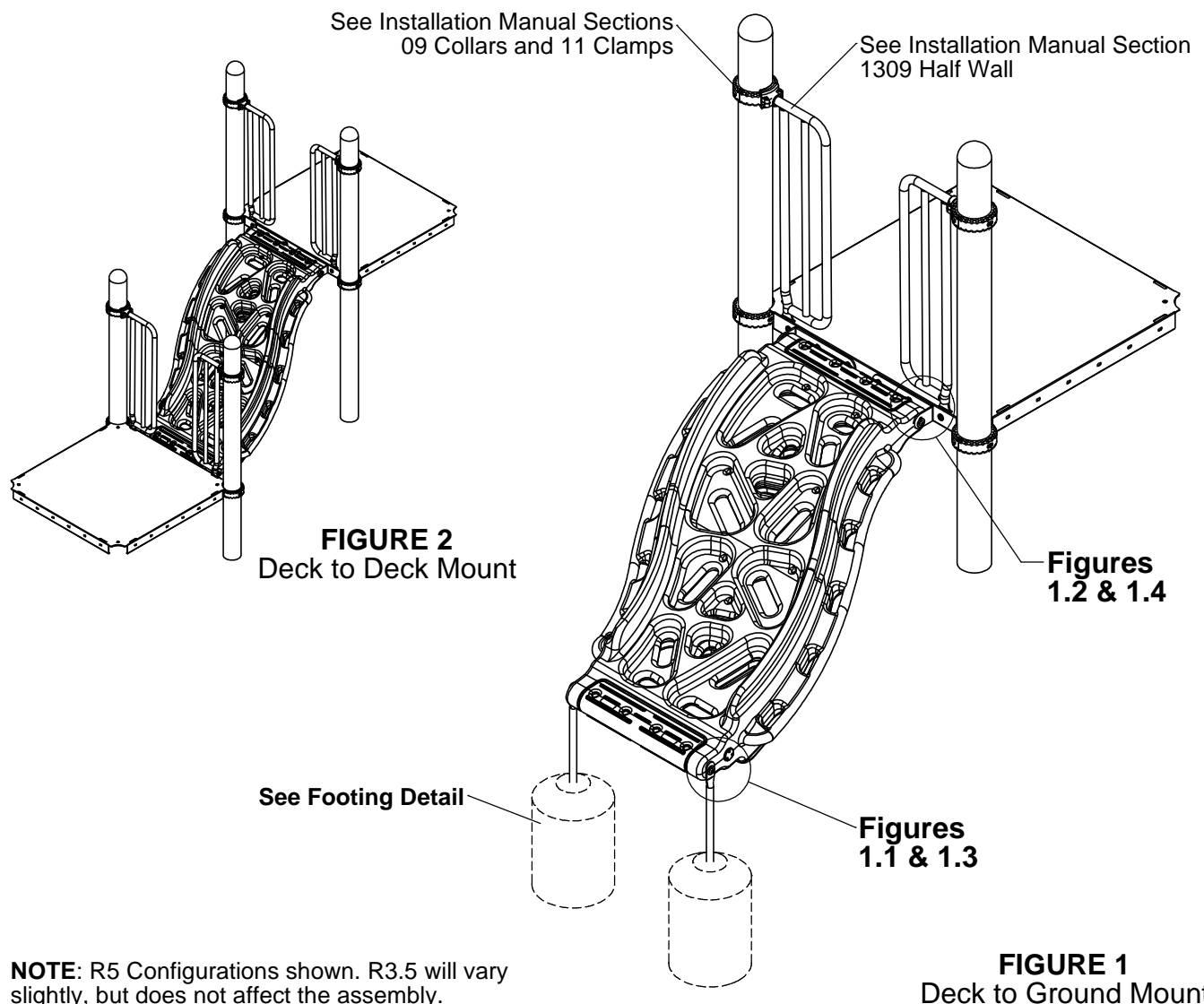
## IMPORTANT NOTES: Read First

(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, 11 Socket Clamps, and 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.



**NOTE:** R5 Configurations shown. R3.5 will vary slightly, but does not affect the assembly.



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**Rev C**

## Step 1

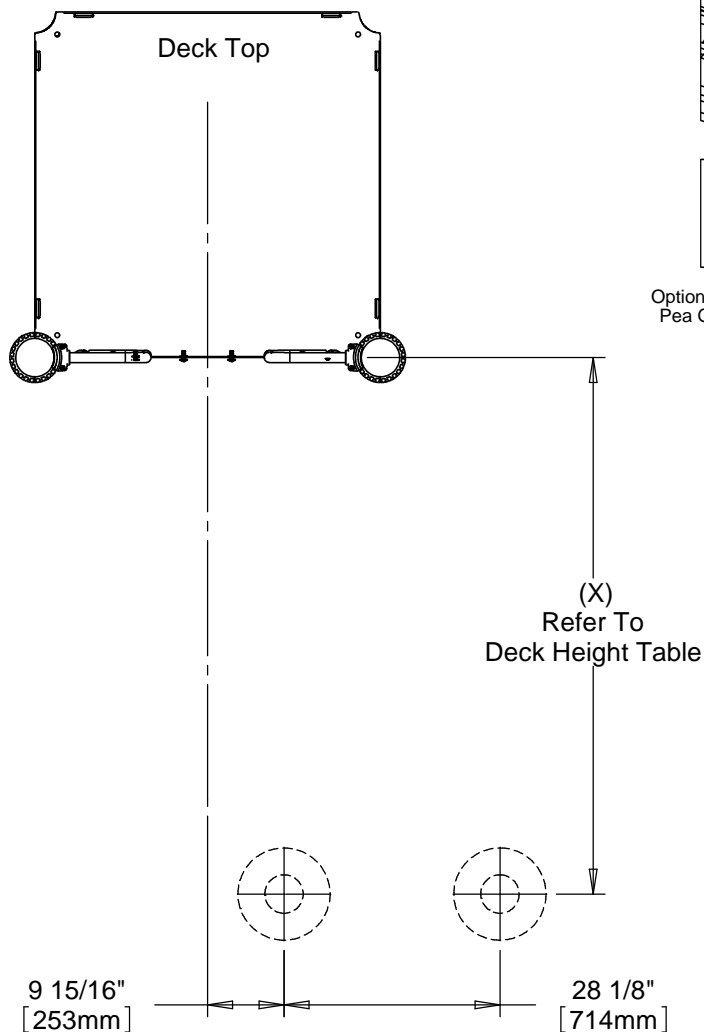
### For Deck to Ground Mount Only.

Dig (2)  $\varnothing 12"$  footing holes. Refer to Footing Layout and Footing Detail below for depth and locations.

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

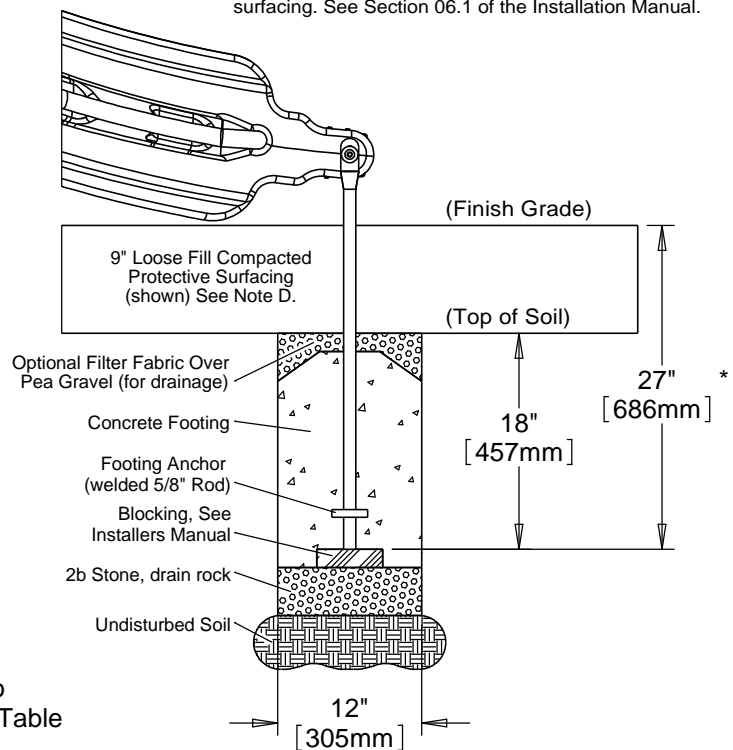
### Top View - Footing Layout

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



### Footing Detail

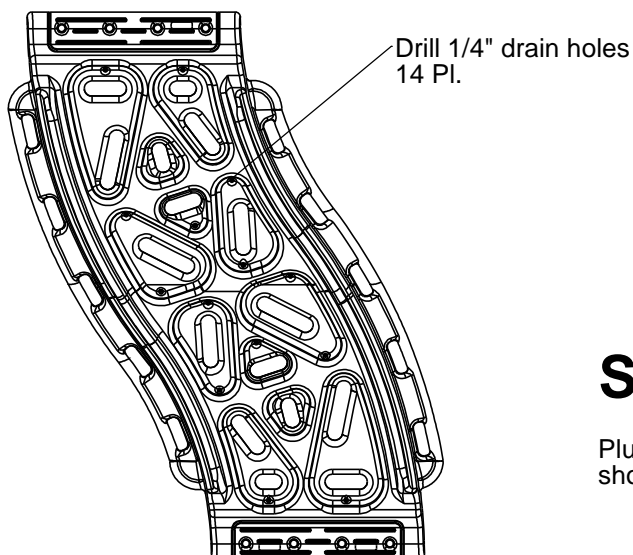
\* Footing Depth must be adjusted to compensate for the depth/thickness requirements of selected safety surfacing. See Section 06.1 of the Installation Manual.



Deck Height Table Geo-Wave Deck to Ground Mount		
Deck Height	X (in)	X (mm)
24"	69 7/8	1774
30"	68 1/8	1730
36"	65 3/4	1671
42"	62 11/16	1592
48"	58 13/16	1495
54"	54	1372
60"	47 7/8	1216

## Step 2 (Factory Drilled)

Drill 1/4" drain holes as shown below.



## Step 3 (Factory Assembled)

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

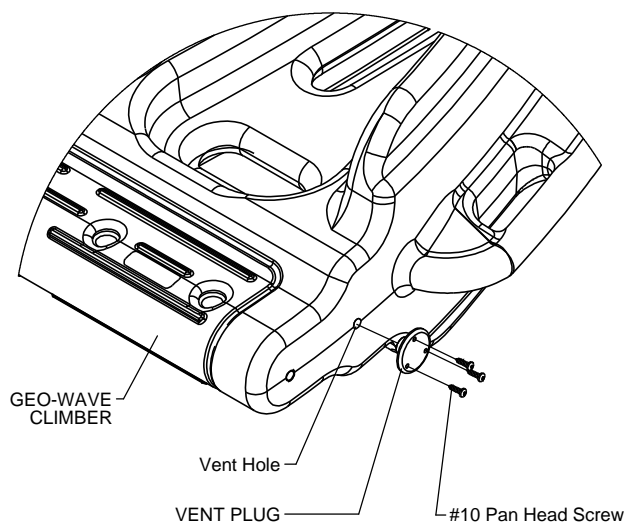


Figure 1.1

## Step 4

Attach Half Walls to deck(s).  
(Refer to Section 1309 of the Installation Manual and Note C)

## Step 5

Attach Deck Mount Brackets to face of deck as shown below in Figure 1.2. Attach additional Brackets as necessary. (See Note A.)

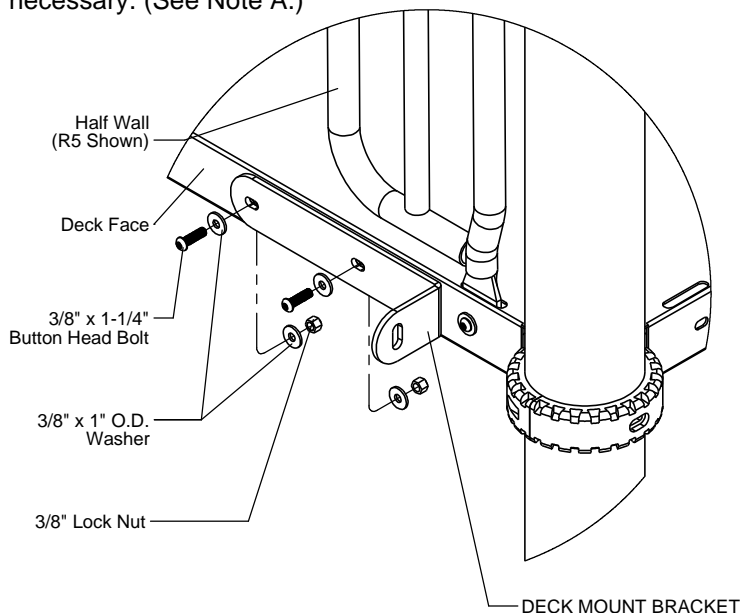


Figure 1.2

**NOTE:** R5 Configurations shown. R3.5 will vary slightly, but does not affect the assembly.

## Step 6

### For Deck to Ground Mount Only.

Loosely attach Geo-Wave Climber Legs to climber as shown in Figure 1.3. (See Note A)

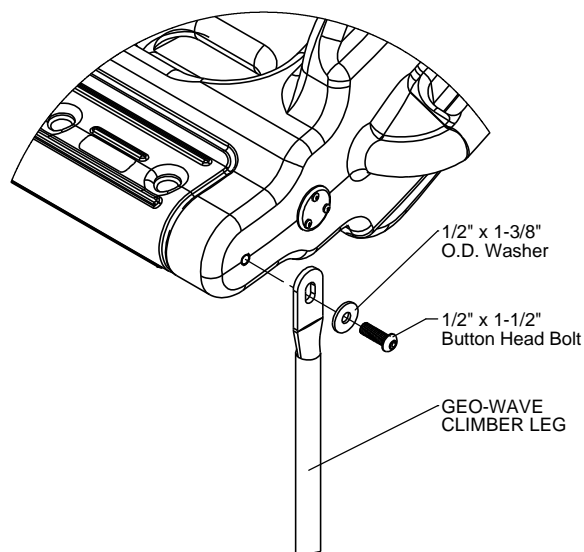


Figure 1.3

## Step 7

### For Deck to Ground Mount:

Place climber and legs into footing holes and attach to Deck Mount Brackets as shown in Figure 1.4. (Refer to Side Elevation - Deck to Ground Mount and Note A)

### For Deck to Deck Mount:

Place climber in between decks and attach to Deck Mount Brackets as shown in Figure 1.4. (Refer to Side Elevation - Deck to Deck Mount and Note A)

## Step 8

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

## Step 9

### For Deck to Ground Mount Only.

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 10

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

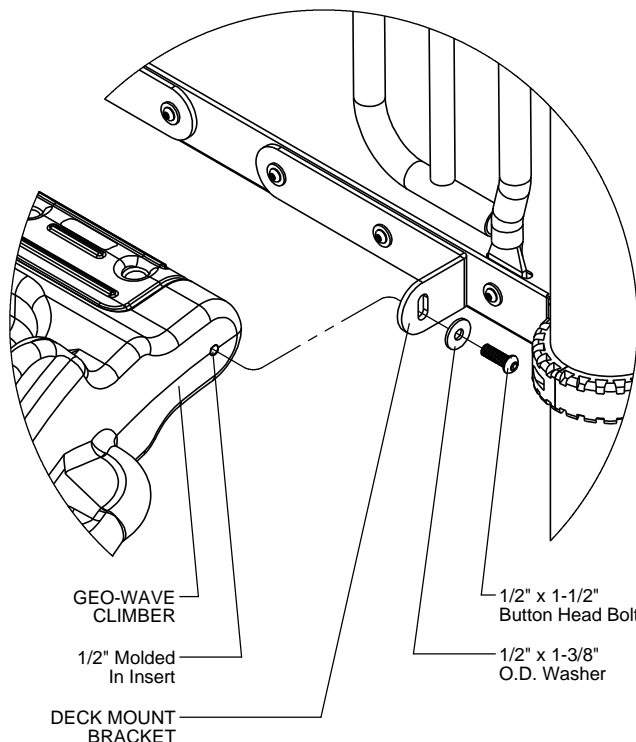
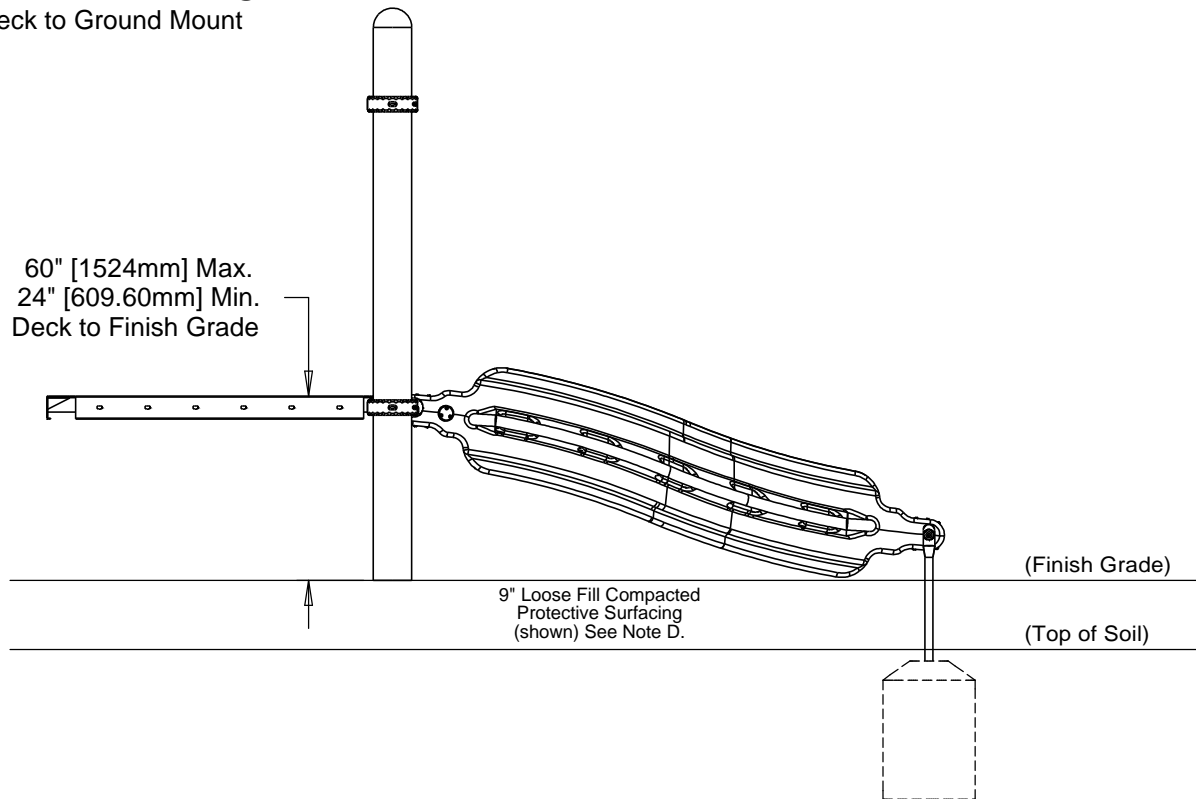


Figure 1.4

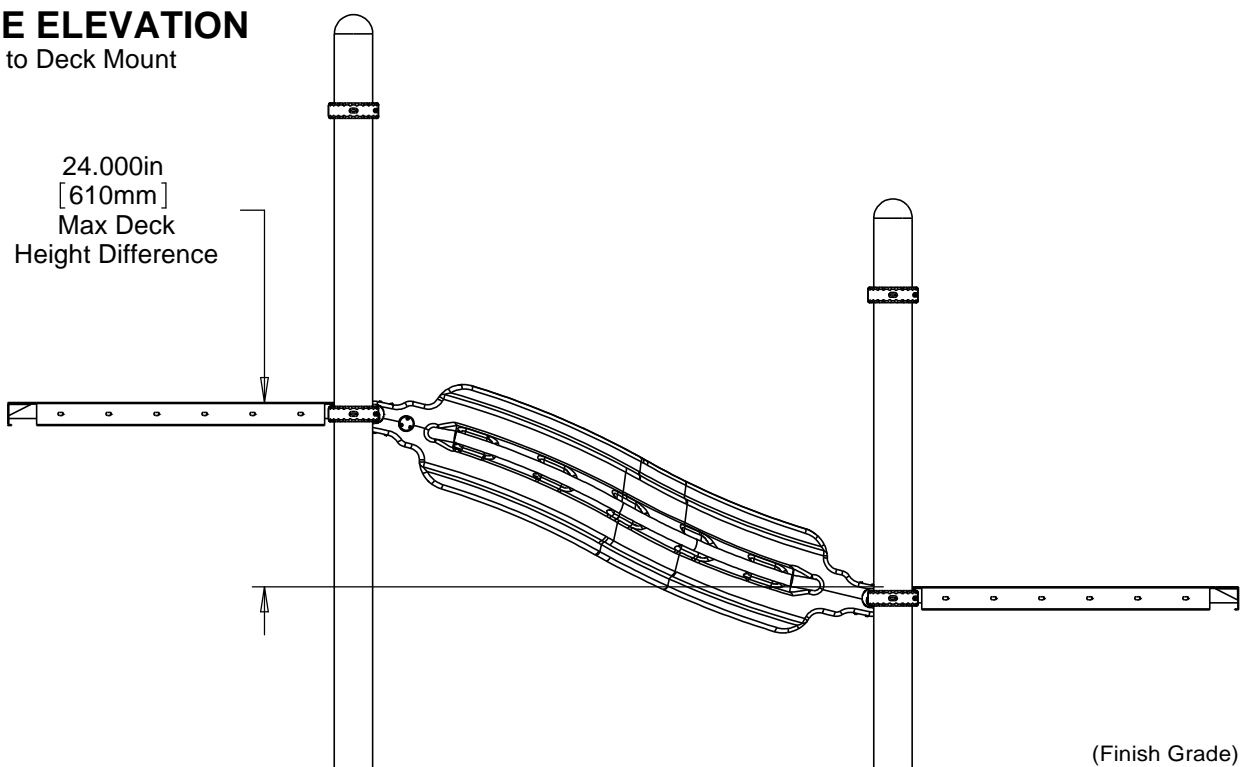
## SIDE ELEVATION

Deck to Ground Mount



## SIDE ELEVATION

Deck to Deck Mount



## Specifications

### GEO-WAVE CLIMBER:

Shall be constructed of UV-stabilized, rotationally molded, Linear Low Density Polyethylene with an average double wall thickness of 1/4". The Geo-Wave Climber shall be approximately 35" in width, 69" in length, and 14" deep. The Geo-Wave Climber is designed to be attached to decks 24" to 60" in height. The Geo-Wave Inclined Link is designed for decks with a maximum difference of 24" in height.

### GEO-WAVE DECK MOUNT BRACKET:

Shall be formed from 1/4" sheet steel. The Geo-Wave

Deck Mount Bracket has a multi-stage baked-on powder coat finish.

### GEO-WAVE CLIMBER LEG:

Shall be fabricated using 1.029" O.D., 14 Ga. steel tubing. The Geo-Wave Climber Leg has a multi-stage baked-on powder coating.

### HARDWARE:

Shall be stainless steel, zinc/nickel plated or galvanized as required to resist rust and corrosion.

## Parts List

### Deck to Ground Mount - 1249-DGH

Part #	DESCRIPTION	QTY.
004807	Geo-Wave Climber	1
004820	Geo-Wave Deck Mount Bracket	2
FS-1249-DGH	Wavy Climber 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 Deck Mount - 1249-DDH

Part #	Description	Qty.
004807	Geo-Wave Climber	1
004820	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

## Assembled Parts List

Part #	Description	Qty.
004867	Geo-Wave Vent Plug	2
9251032	Screw SQ #10x3/4 DR PH SMS SS	6

## 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.



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