

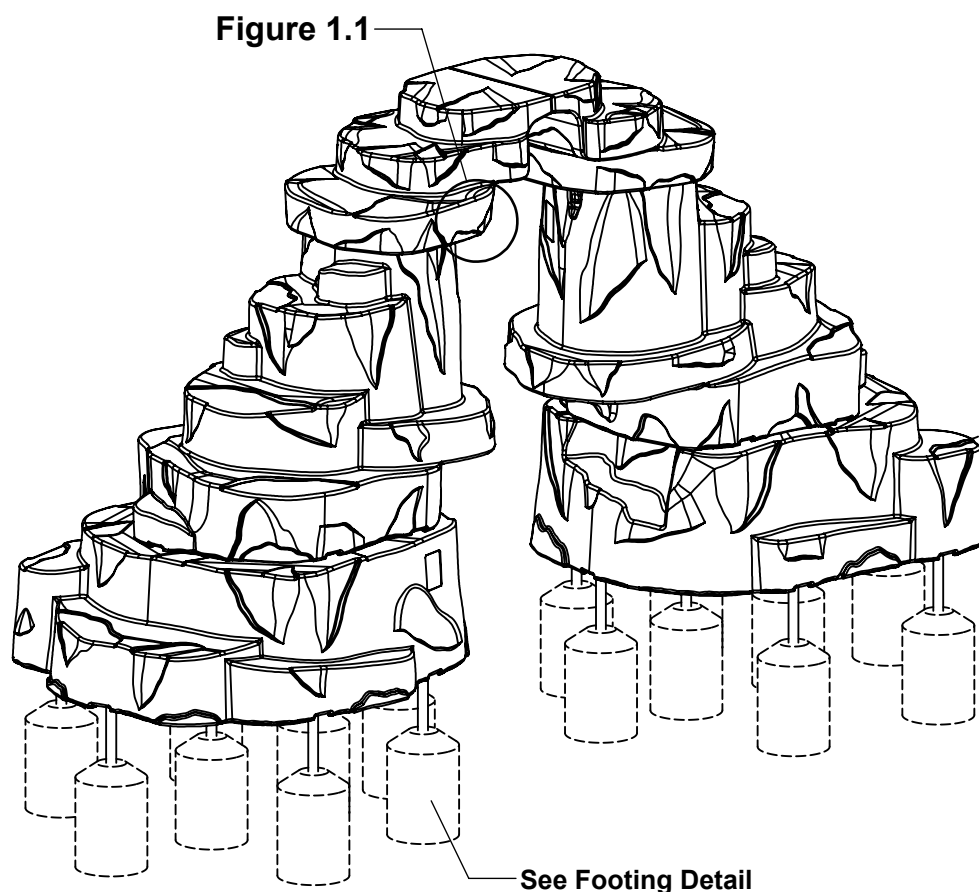
IMPORTANT NOTES: Read First

(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) 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 for the surfacing appropriate for the fall height of the equipment or consult your surfacing supply representative.

FIGURE 1
Boulder Stack



NOTE: Boulder Stack 90" shown.
Other configurations will vary slightly,
but does not affect assembly.

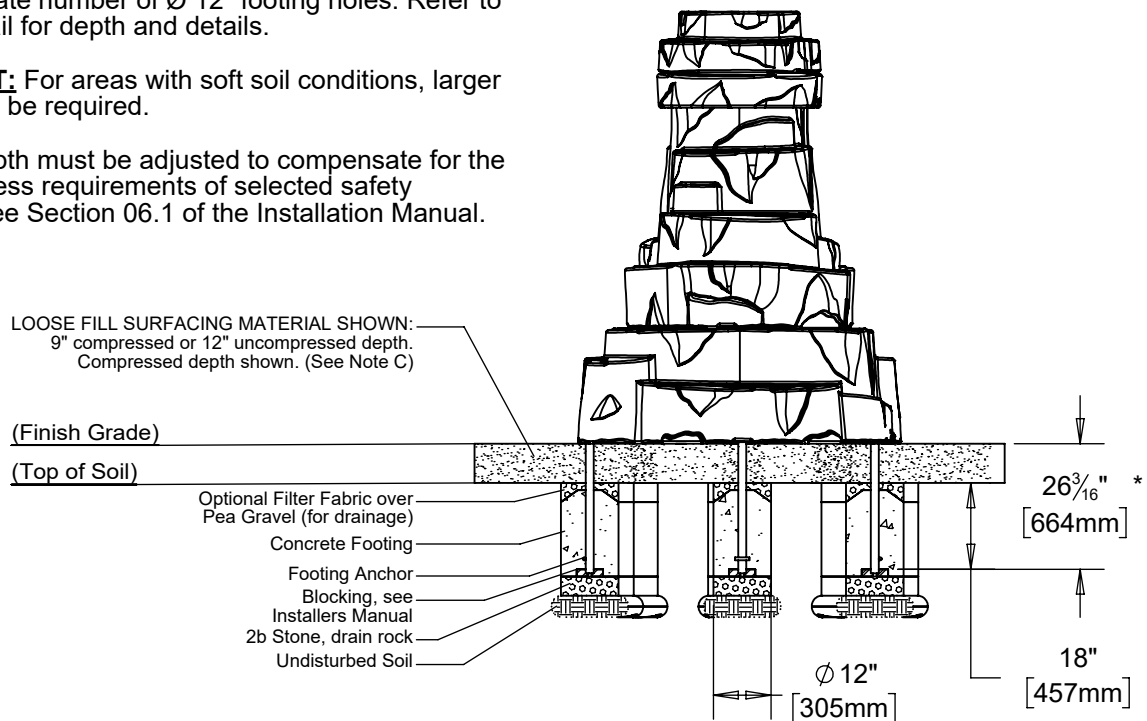
Step 1

Refer to Footing Layout and mark footing hole locations. Dig appropriate number of Ø 12" footing holes. Refer to Footing Detail for depth and details.

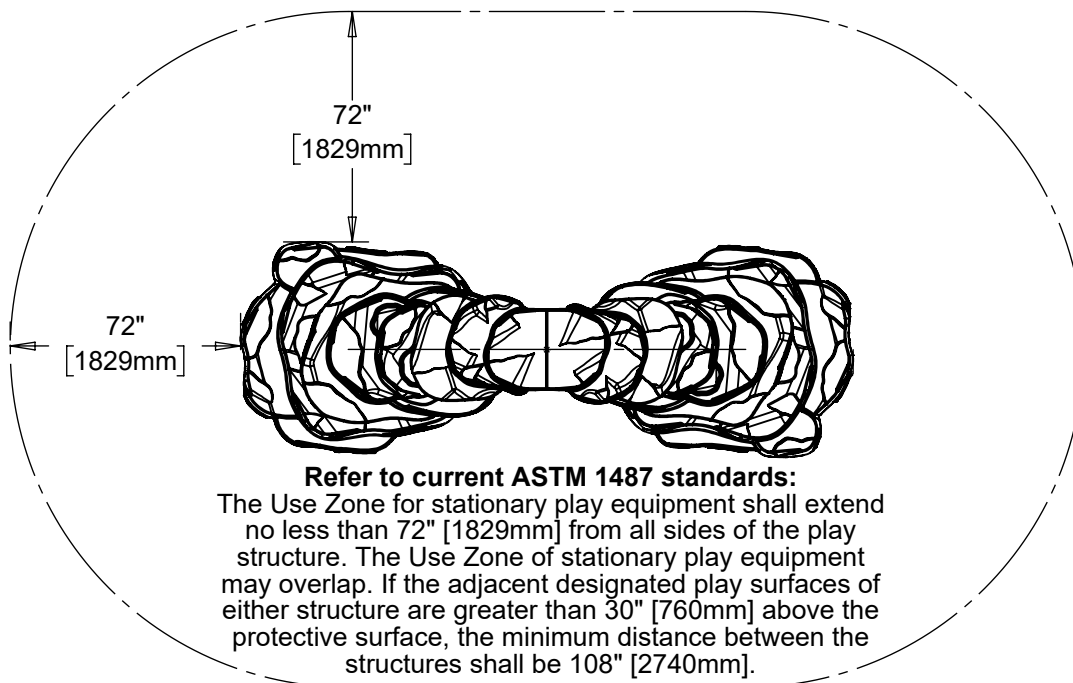
IMPORTANT: For areas with soft soil conditions, larger footings may be required.

* 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 Detail



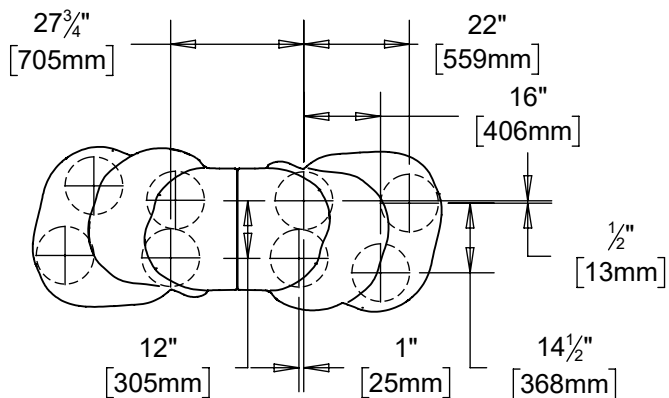
Top View 72" [1829mm] Use Zone Recommended



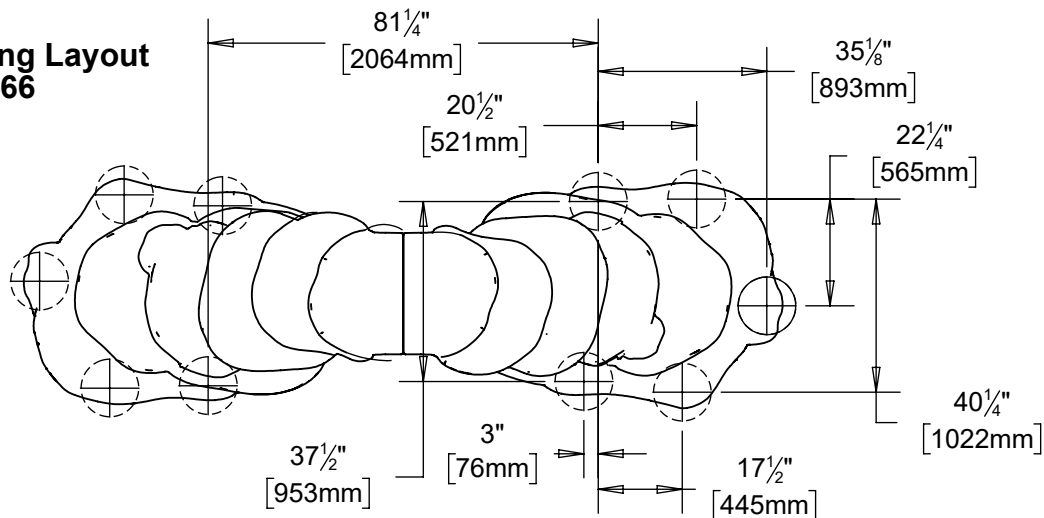
BOULDER STACK INSTALLATION INSTRUCTIONS

PC-2272
Page 3 of 7

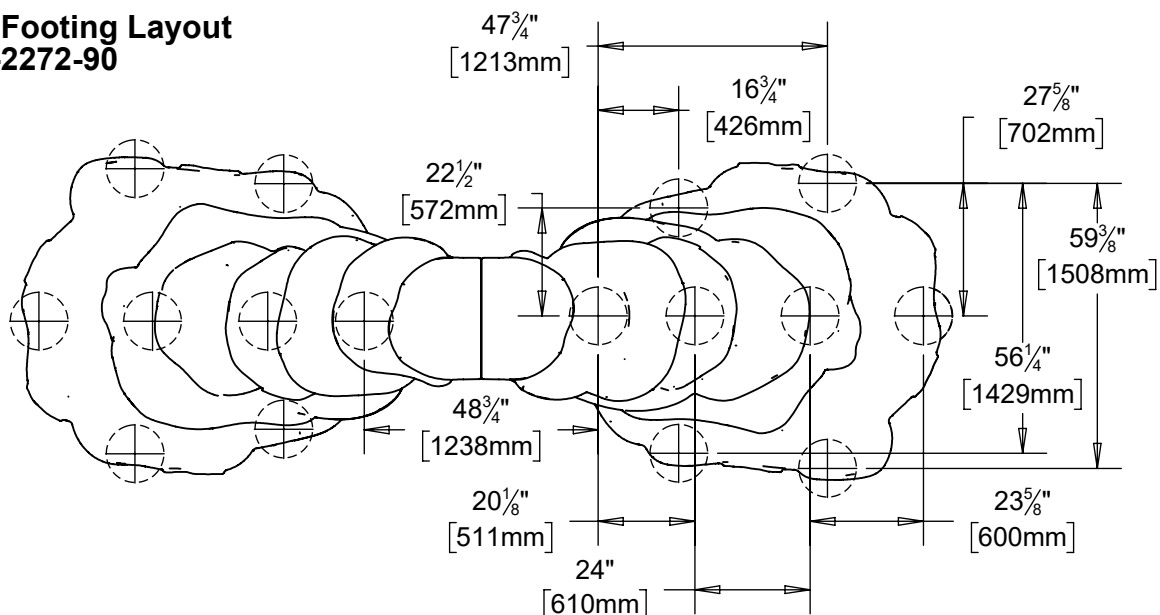
Top View - Footing Layout
PC-2272-20



Top View - Footing Layout
PC-2272-66



Top View - Footing Layout
PC-2272-90



www.playcraftsystems.com
For Customer Service Call
800.333.8519 (U.S.A.) or 541.955.9199 (International)

Rev B
12/26/2018

Step 2 (Factory Assembled)

For 66" and 90" Stacks Only

Attach Vent Plugs to Top Rocks as shown in Figure 1.1.

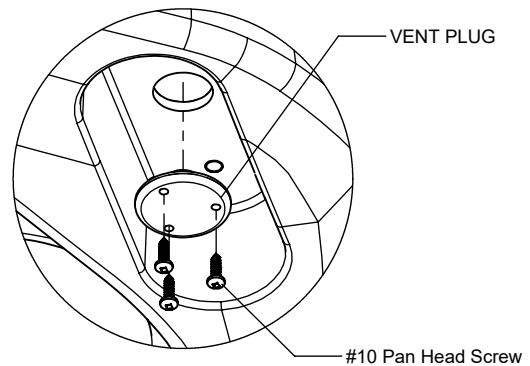


Figure 1.1

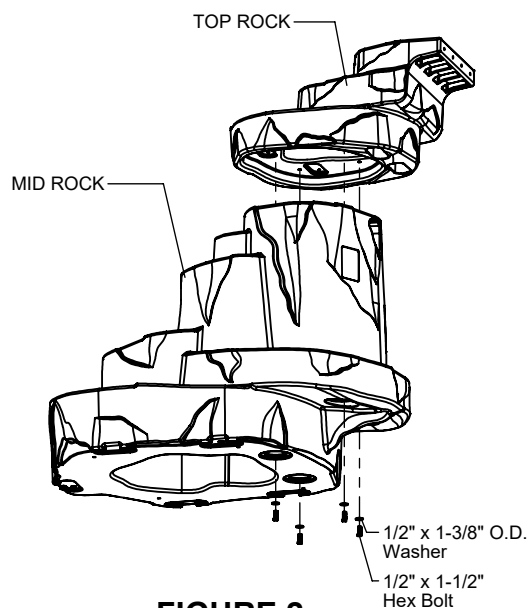


FIGURE 2

Step 3 (Factory Assembled)

For 66" and 90" Stacks Only

Attach Top Rocks to Mid Rocks as shown in Figure 2. (See Note A)

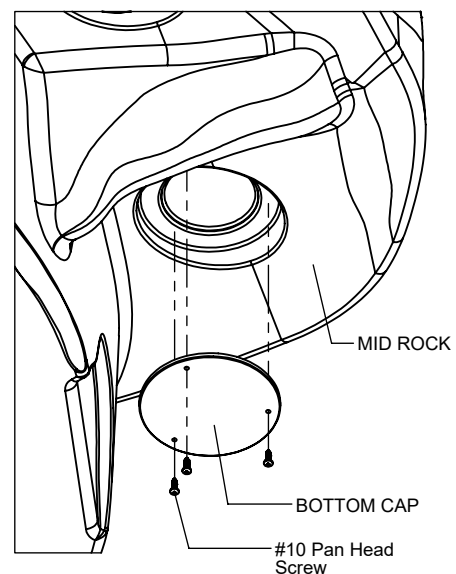


FIGURE 3

Step 4 (Factory Assembled)

For 66" and 90" Stacks Only

Attach Bottom Caps to Mid Rocks as shown in Figure 3.

Step 5

For 90" Stacks Only

Attach Spacers to Mid Rocks as shown in Figure 4.
(See Note A)

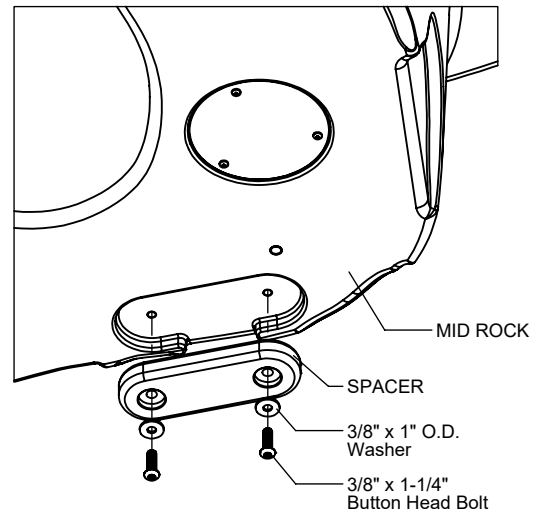


FIGURE 4

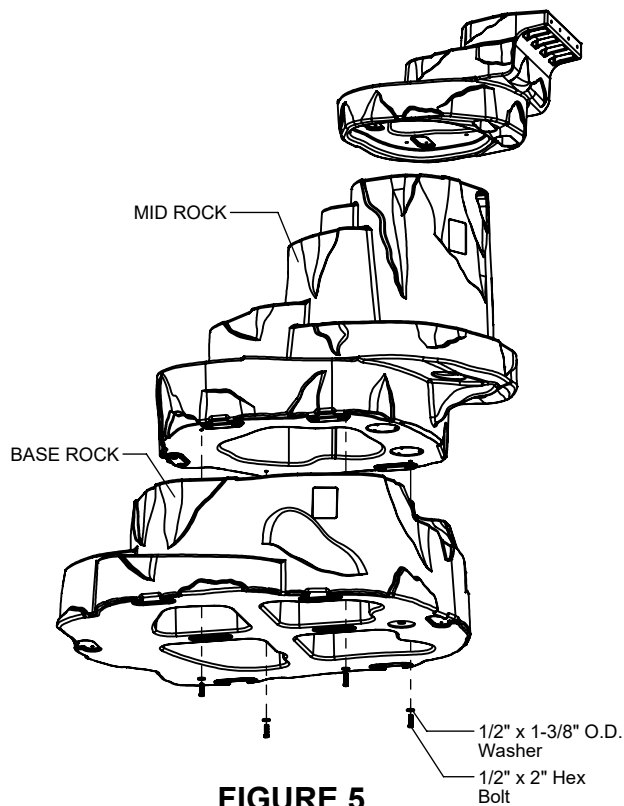


FIGURE 5

Step 6

For 90" Stacks Only

Attach Mid Rocks to Base Rocks as shown in Figure 5.
(See Note A)

Step 7

Attach Legs to bottom of Rocks as shown in Figure 6.
Place Boulder Stacks into footing holes.
(See Notes A & B)

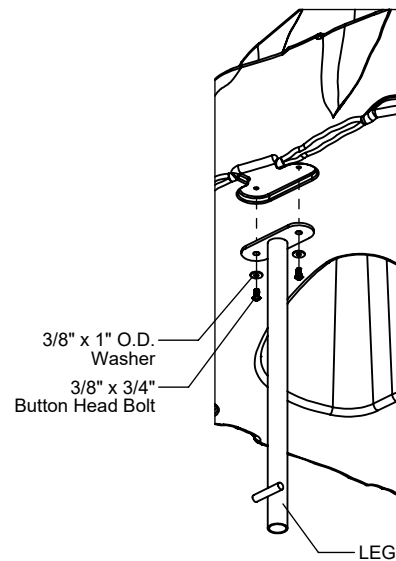


FIGURE 6

Step 8

Attach Top Rocks together as shown in Figure 7.
(See Note A)

Step 9

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

Step 10

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 11

Place required protective surfacing under and
around Boulder Stack. (See Note C)

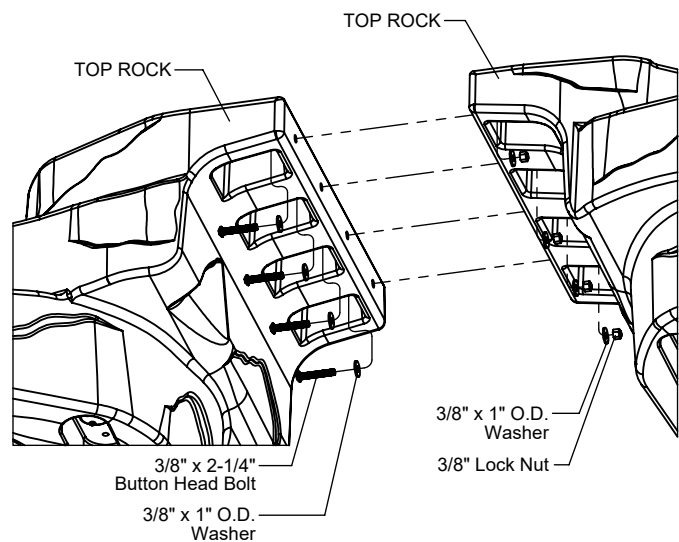


FIGURE 7

BOULDER STACK INSTALLATION INSTRUCTIONS

PC-2272
Page 7 of 7

Parts List

PC-2272-20		
Part #	DESCRIPTION	QTY.
DE-0034	Top Rock	2
FS-1290	Boulder Stack Leg	8
9103032-TR	Bolt Button Head 3/8" x 3/4"	16
9103102-TR	Bolt Button Head 3/8" x 2-1/4"	4
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	24
9413002	Nut Lock 3/8"	4

PC-2272-66		
Part #	DESCRIPTION	QTY.
FS-1290	Boulder Stack Leg	10
9103032-TR	Bolt Button Head 3/8" x 3/4"	20
9103102-TR	Bolt Button Head 3/8" x 2-1/4"	4
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	28
9413002	Nut Lock 3/8"	4

PC-2272-90		
Part #	DESCRIPTION	QTY.
DE-0032	Base Rock	2
EE-0214	Rock Spacer	10
FS-1290	Boulder Stack Leg	16
9103032-TR	Bolt Button Head 3/8" x 3/4"	32
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	20
9103102-TR	Bolt Button Head 3/8" x 2-1/4"	4
9125092	Bolt Hex 1/2" x 2"	8
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	60
9335062-5	Washer Flat 1/2" x 1-3/8" OD	8
9413002	Nut Lock 3/8"	4

Assembled Parts List

PC-2272-66		
Part #	DESCRIPTION	QTY.
DE-0033	Mid Rock	2
DE-0034	Top Rock	2
EE-0204	Boulder Stack Bottom Cap	8
EE-4867	Geo-Wave Vent Plug	2
9125072	Bolt Hex 1/2" x 1-1/2"	8
9251032	Screw SQ #10x3/4 DR PH SMS SS	30
9335062-5	Washer Flat 1/2" x 1-3/8" OD	8

PC-2272-90		
Part #	DESCRIPTION	QTY.
DE-0033	Mid Rock	2
DE-0034	Top Rock	2
EE-0204	Boulder Stack Bottom Cap	8
EE-4867	Geo-Wave Vent Plug	2
9125072	Bolt Hex 1/2" x 1-1/2"	8
9251032	Screw SQ #10x3/4 DR PH SMS SS	30
9335062-5	Washer Flat 1/2" x 1-3/8" OD	8

Specifications

BOULDER STACK LEG:

Shall be fabricated using 1.660" O.D. 11 gauge steel tubing with a welded 1/4" thick steel mounting plate. The Boulder Stack Leg shall have a multi-stage baked-on powder coat finish.

BOULDER STACK BOTTOM CAP:

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

GEO WAVE VENT PLUG:

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

ROCK SPACER:

Shall be made from high density 1" sheet plastic specially formulated for optimum UV stability and color retention.

TOP, MID & BASE ROCK:

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

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.



www.playcraftsystems.com
For Customer Service Call
800.333.8519 (U.S.A.) or 541.955.9199 (International)

Rev B
12/26/2018