

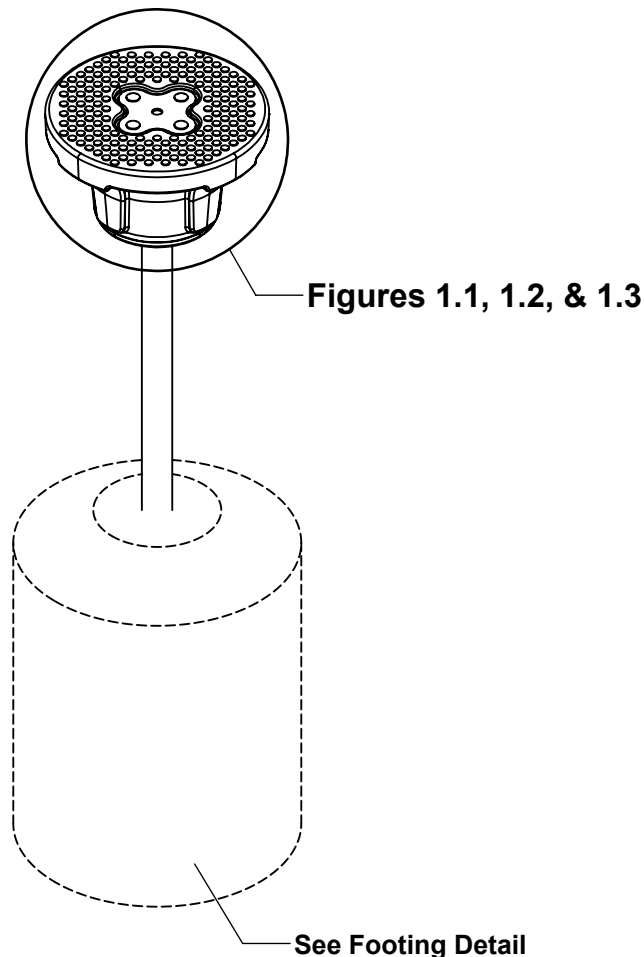
## **IMPORTANT NOTES: Read First**

(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](http://www.cpsc.gov) for the surfacing appropriate for the fall height of the equipment or consult your surfacing supply representative.

**FIGURE 1**  
Spring Lily Pad Assembly

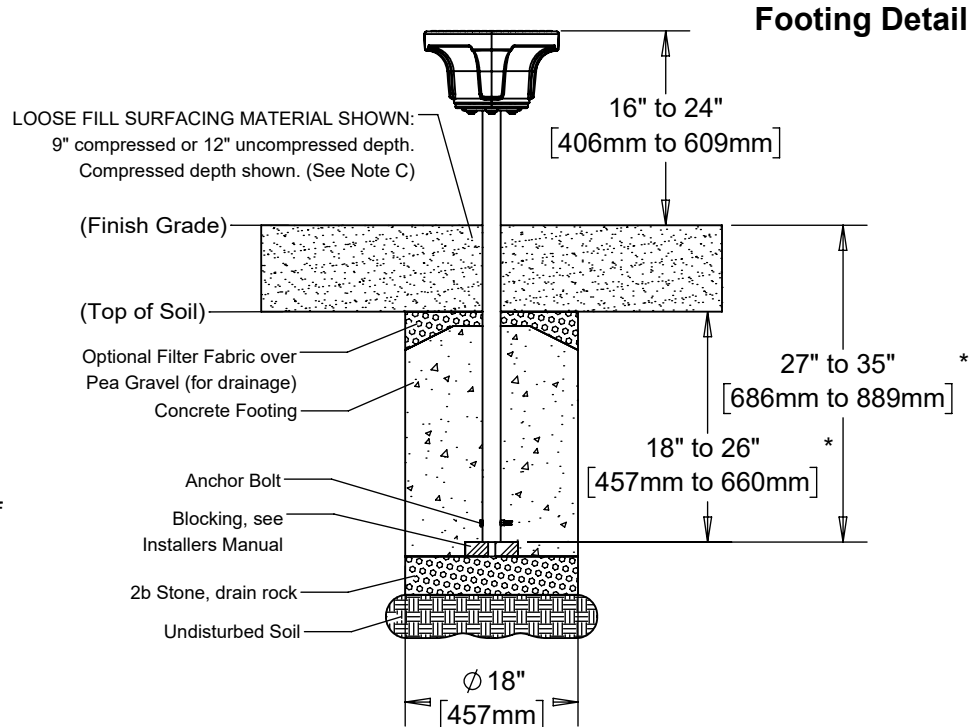


## Step 1

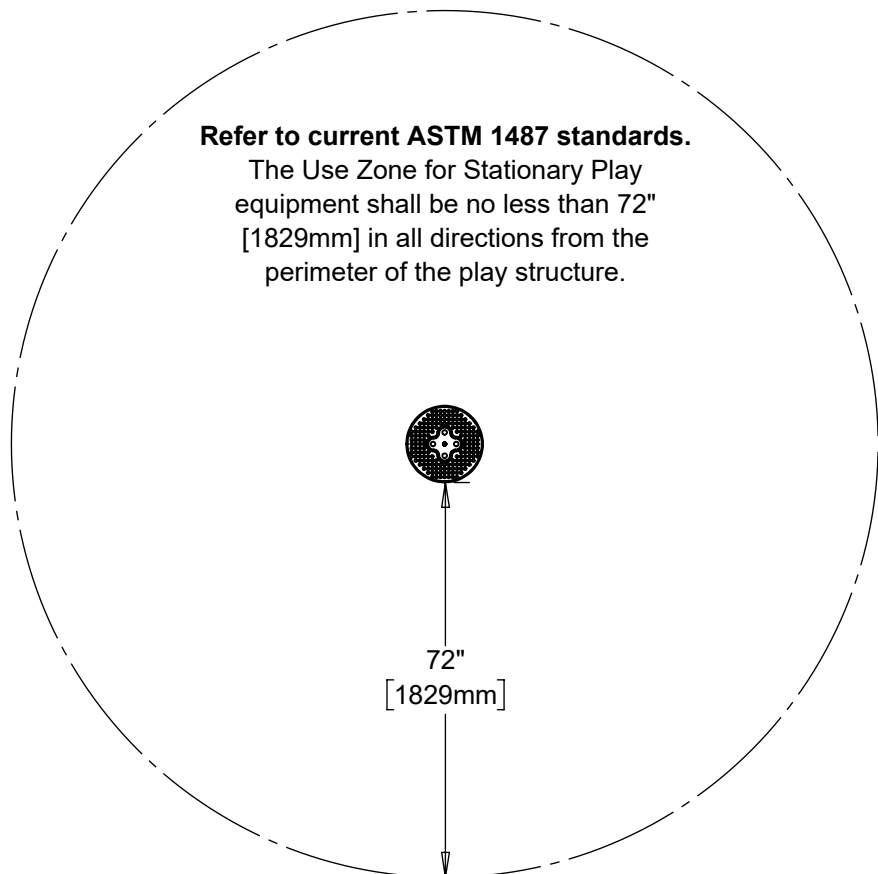
Refer to Footing Layout and mark footing hole location. Dig (1) Ø 18" footing hole. Refer to Footing Detail for depth and details.

**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.

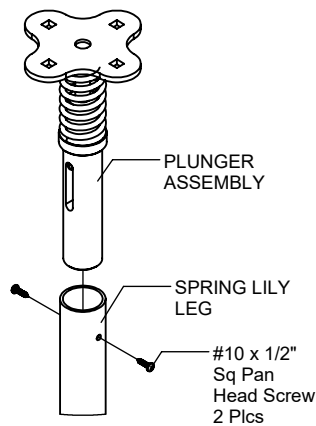


**Top View**



## Step 2 (Factory Assembled)

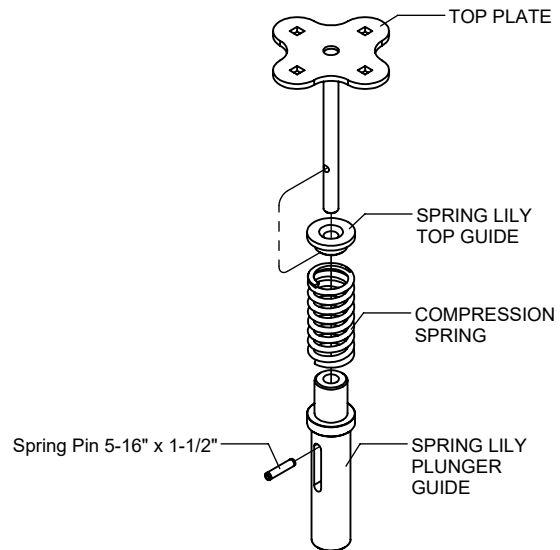
Assemble the Plunger Assembly as shown in Figure 1.1.



**Figure 1.2**

## Step 4 (Factory Assembled)

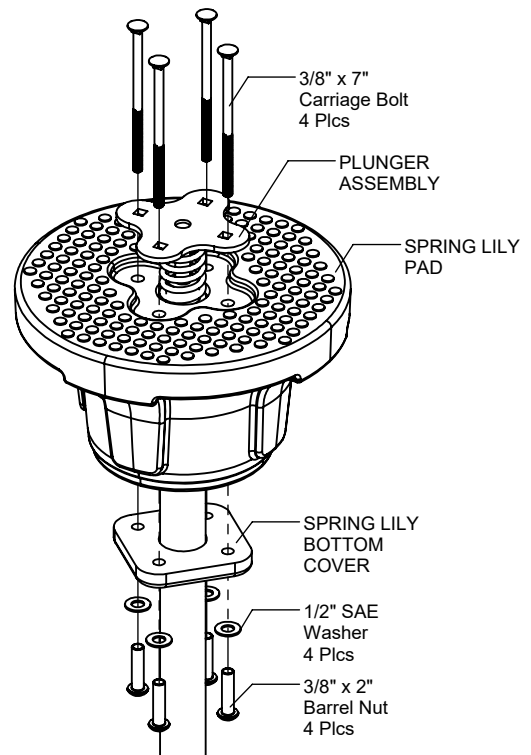
Attach Spring Lily Pad to Plunger Assembly as shown in Figure 1.3. (See Note A)



**Figure 1.1**

## Step 3 (Factory Assembled)

Attach Plunger Assembly to Spring Lily Leg as shown in Figure 1.2. (See Note A)



**Figure 1.3**

## Step 5

Assembly Anchor Bolt as shown in Figure 2.  
(See Note A)

## Step 6

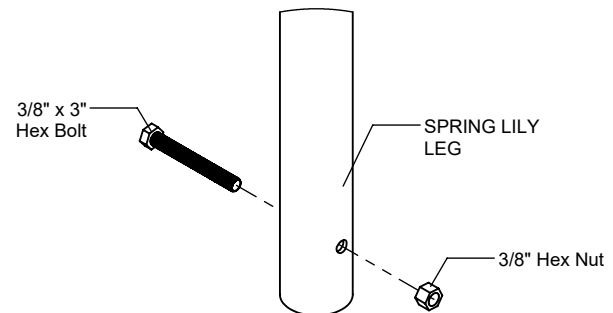
Fully tighten all fasteners according to the  
"TIGHTENING TORQUE FOR HARDWARE"  
section of the Installation Manual.

## Step 7

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 8

Place required protective surfacing under and  
around Spring Lily Pad Assembly. (See Note C)



**FIGURE 2**

## Specifications

### SPRING LILY PAD:

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

### SPRING LILY BOTTOM COVER & TOP GUIDE:

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

### SPRING LILY PLUNGER WELDMENT:

Shall be fabricated using a machined 5/8" steel rod  
with a welded 1/4" thick steel plate. The Spring Lily  
Plunger Weldment shall have a multi-stage baked-  
on powder coat finish.

### SPRING LILY PLUNGER GUIDE:

Shall be machined from UHMW.

### SPRING LILY LEG:

Shall be fabricated using 1.900" O.D. 11 gauge  
steel tubing. The Spring Lily Leg shall 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.

## Parts List

Part #	DESCRIPTION	QTY
9123131	Bolt Hex 3/8 x 3"	1
9483602	Nut Hex 3/8"	1

## Assembled Parts List

Part #	DESCRIPTION	QTY
DE-4367-S	Spring Lily Pad	1
EE-4459	Spring Lily Bottom Cover	1
EE-4471	Spring Lily Top Guide	1
FS-1943	Spring Lily Plunger Weldment	1
IE-4457	Spring Lily Plunger Guide	1
LE-0486	Spring Lily Leg	1
480400	Spring Pin 5-16" x 1-1/2"	1
564001	1-15/16" O.D. x 4" Compression Spring	1
9113292	Bolt Carriage 3/8" x 7"	4
9221012	Screw #10x1/2" SS PSq SMS	2
9345002	Washer Flat SAE 1/2"	4
9443092-TR	Nut Barrel 3/8" x 2" BH	4

## 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.