

**IMPORTANT NOTES: Read First**

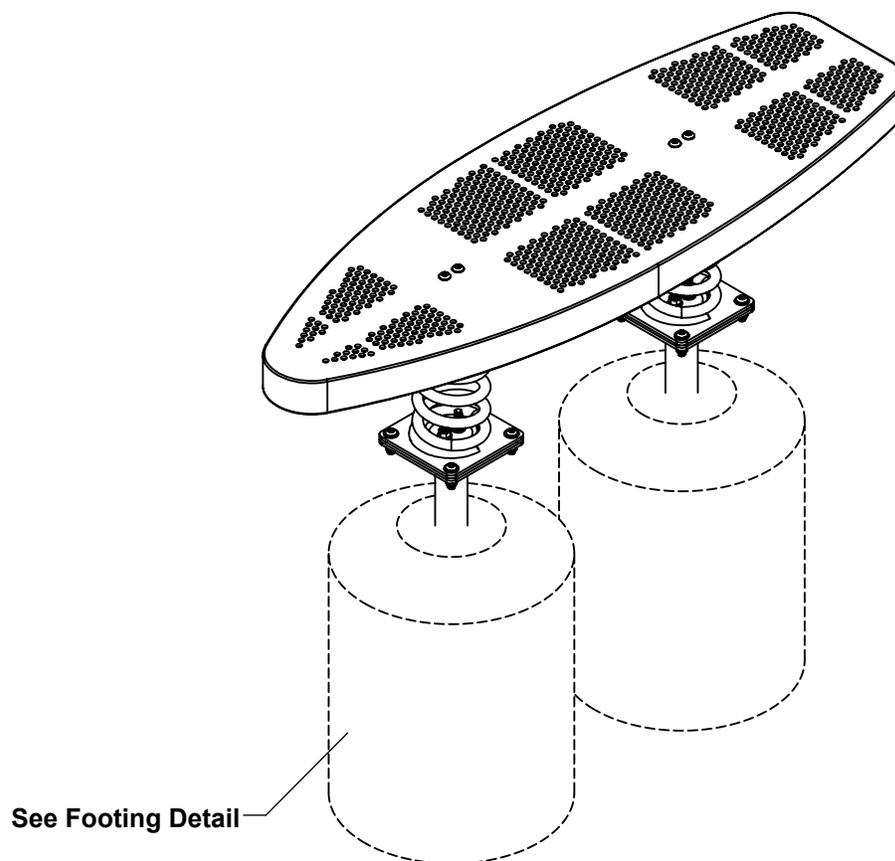
(A) Use liquid thread lock (such as Loctite®) with all threaded hardware. **Important:** Liquid thread lock (prior to curing) helps to eliminate the common problem of "thread seizure" in stainless steel hardware by serving as a lubricant during assembly.

(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) All bolt threads protruding beyond the nut must be cut and de-burred until end is smooth to the touch. Sharp edges and/or points of any kind must be eliminated. A maximum of two threads may be exposed beyond the end of the nut.

(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  
Surfboard**



**NOTE:** Surfboard - Spring Mount shown.

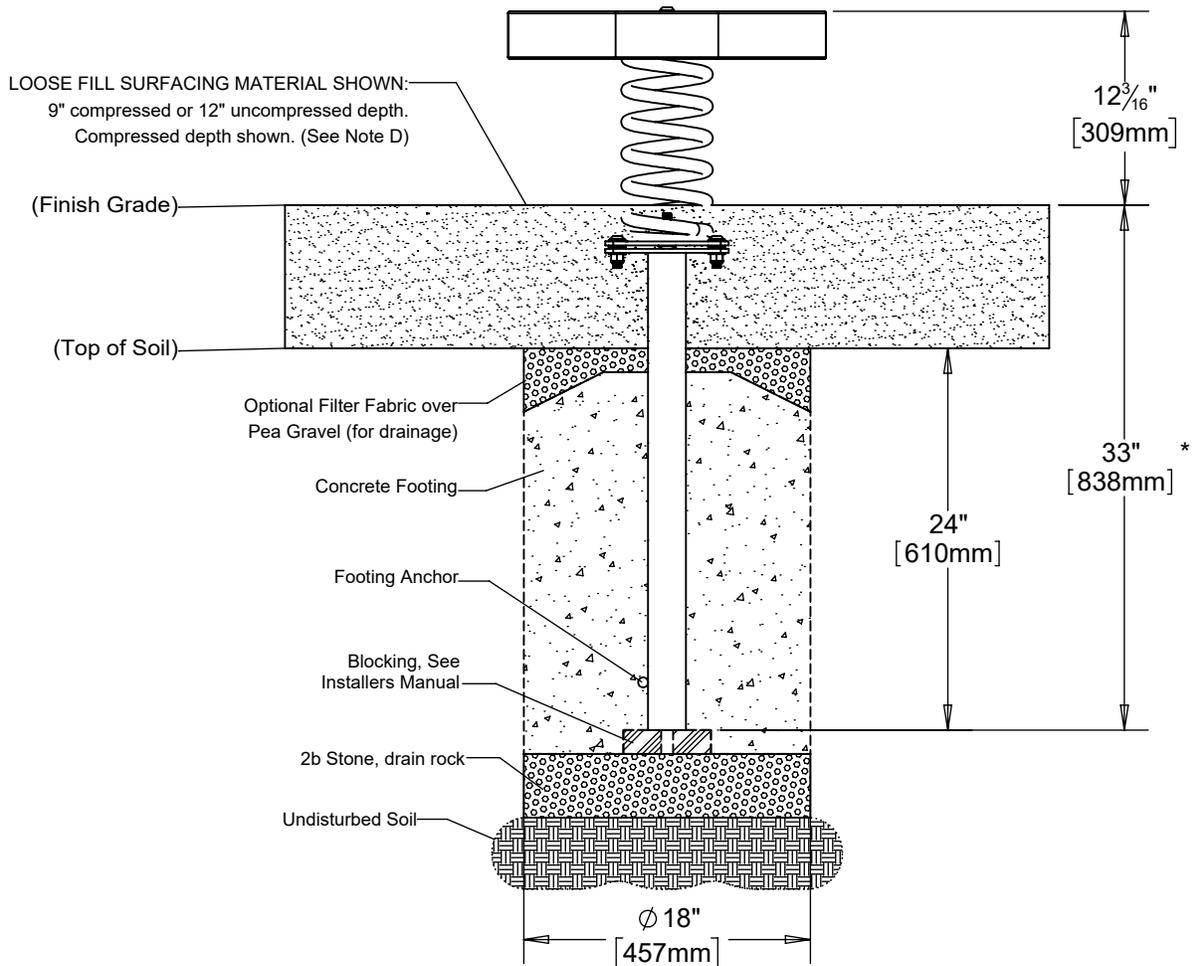
# Step 1

Refer to Footing Layout and mark footing hole locations. Dig (2) Ø 18" footing holes. Refer to Footing Detail for depth and details.

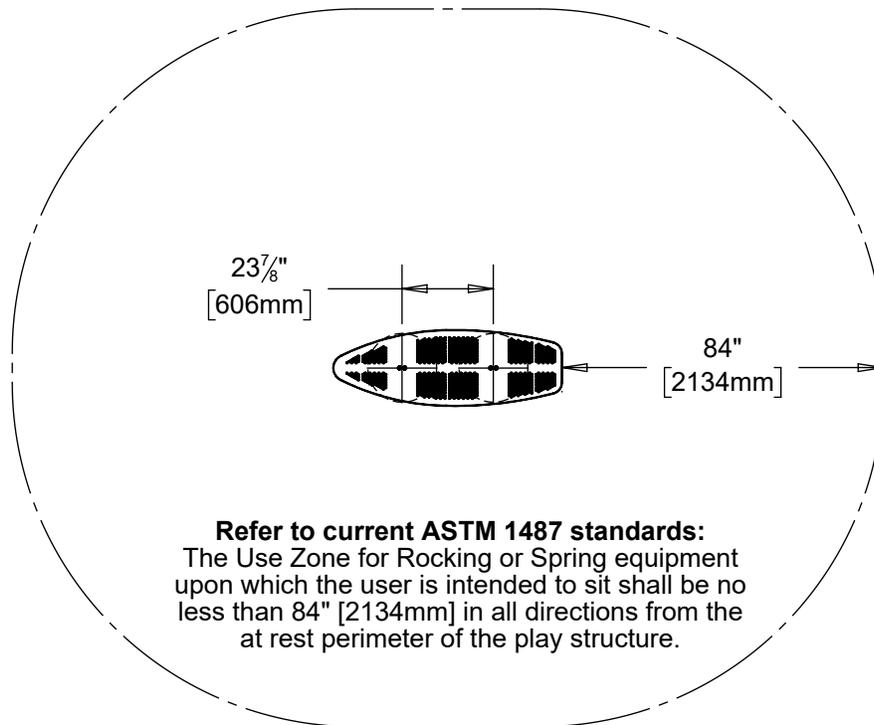
**IMPORTANT:** For areas with soft soil conditions, larger footings may be required.

\* 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**

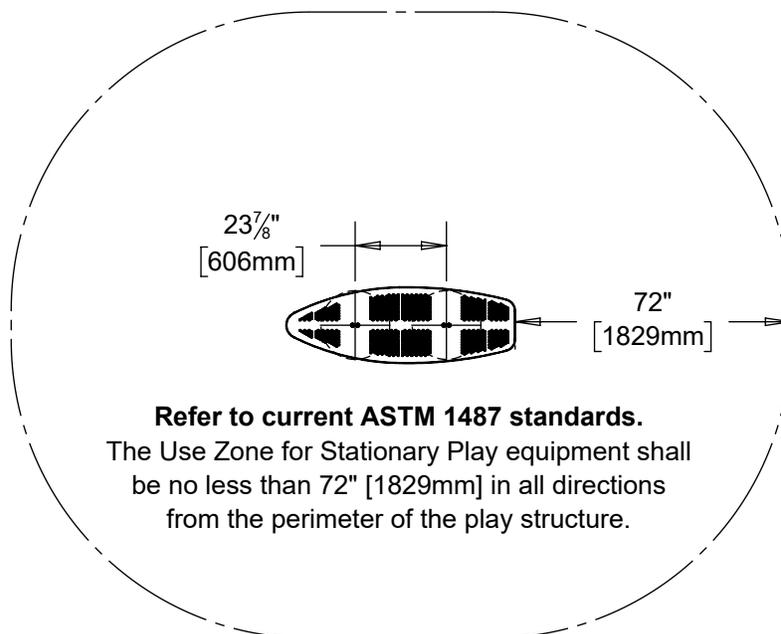


**PC-2437-S SPRING MOUNT**  
Top View - Footing Layout  
84" [2134mm] Use Zone Recommended



**Refer to current ASTM 1487 standards:**  
The Use Zone for Rocking or Spring equipment upon which the user is intended to sit shall be no less than 84" [2134mm] in all directions from the at rest perimeter of the play structure.

**PC-2437-F FIXED MOUNT**  
Top View - Footing Layout  
72" [1829mm] Use Zone Recommended

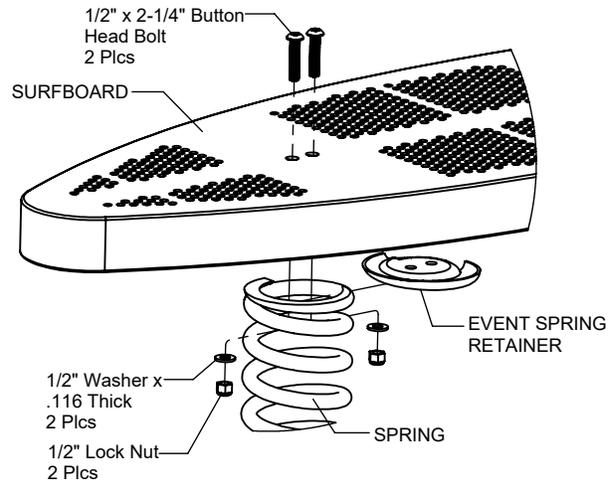


**Refer to current ASTM 1487 standards.**  
The Use Zone for Stationary Play equipment shall be no less than 72" [1829mm] in all directions from the perimeter of the play structure.

## Step 2 (Factory Assembled) For Spring Mount Only

Insert the Event Spring Retainer into the Spring and attach to the Surfboard as shown in Figure 2. (See Note A)

**NOTE:** 2 Places

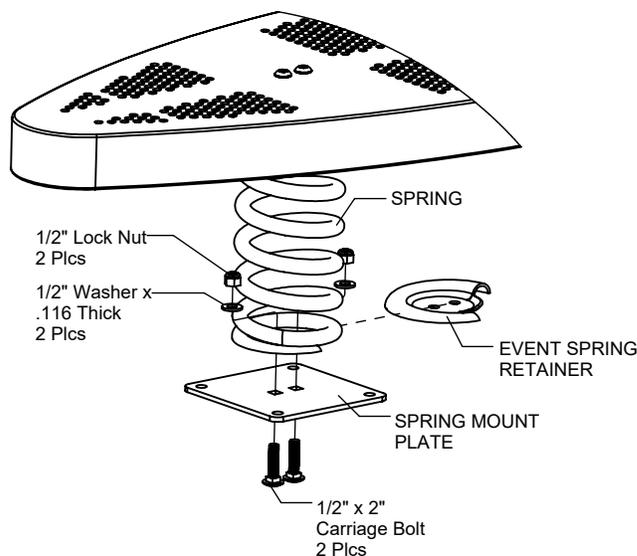


**FIGURE 2**

## Step 3 (Factory Assembled) For Spring Mount Only

Insert the Event Spring Retainer into the Spring and attach to the Spring Mount Plate as shown in Figure 3. (See Note A)

**NOTE:** 2 Places

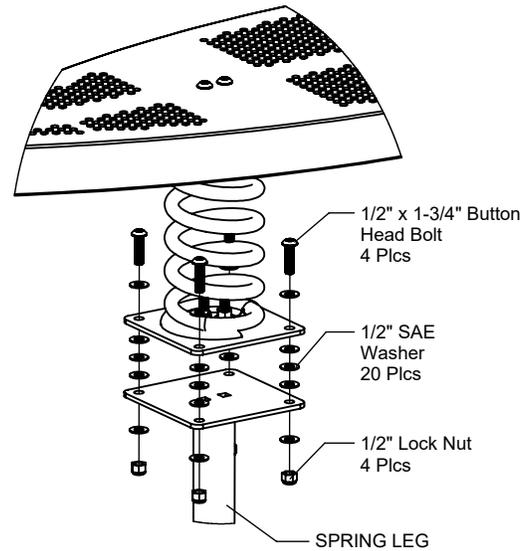


**FIGURE 3**

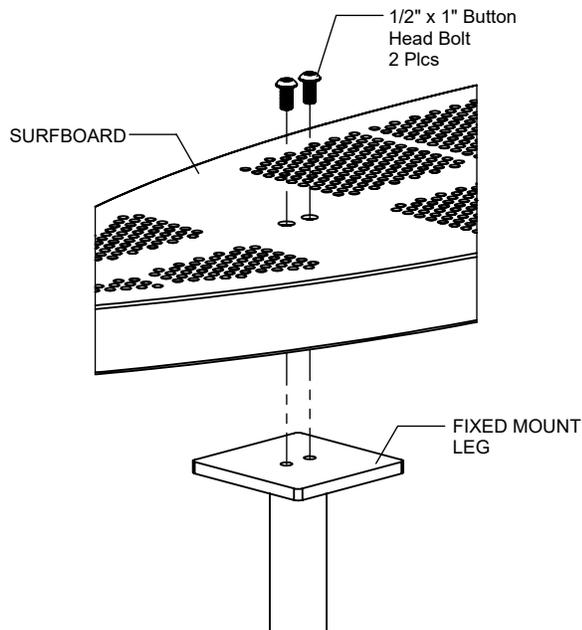
## Step 4 For Spring Mount Only

Attach Spring Leg to Spring Mount Plate as shown in Figure 4. (See Note A)

**NOTE:** 2 Places



**FIGURE 4**



**FIGURE 5**

## Step 5 For Fixed Mount Only

Attach Fixed Mount Leg to Surfboard as shown in Figure 5. (See Note A)

**NOTE:** 2 Places

## Step 6

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

## Step 7

Place Legs in footing holes as shown in Footing Detail. 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 appropriate compliant protective surfacing under and around Spring Surfboard. (See Note D)

**Parts List**

SPRING MOUNT		
Part #	DESCRIPTION	QTY
FS-PC1399-C	Spring Inground Leg	2
9105082	Bolt Button Head 1/2" x 1-3/4"	8
9345002	Washer Flat SAE 1/2"	40
9415132	Nut Lock 1/2"	8

FIXED MOUNT		
Part #	DESCRIPTION	QTY
CE-4935	Spring Surfboard	1
FS-PC2437-F	Fixed Mount Leg	2
9105052	Bolt Button Head 1/2" x 1"	4

**Assembled Parts List**

SPRING MOUNT		
Part #	DESCRIPTION	QTY
AE-4533	Single Spring Bottom Mount Plate	2
BE-4514	Event Spring Retainer	4
CE-4935	Spring Surfboard	1
HE-4498	Playground Event Spring	2
9105100	Bolt Button Head 1/2" x 2-1/4"	4
9115092	Bolt Carriage 1/2" x 2"	4
9335002	Washer Flat 1/2" (.116" thick)	8
9415132	Nut Lock 1/2"	8

**Specifications**

**SPRING SURFBOARD:**

Shall be fabricated using 12 gauge sheet steel punched and formed with reinforcing cross members and gussets. The Spring Surfboard shall be Play-Tuff™ coated after fabrication.

**PLAYGROUND EVENT SPRING:**

Shall be 5-3/4" O.D. with a free height of 14". The Playground Event Spring has a multi-stage baked-on powder coat finish.

**EVENT SPRING RETAINER:**

Shall be fabricated from precision cut and formed 1/8" thick sheet steel. The Event Spring Retainer shall have a multi-stage baked-on powder coat finish.

**SPRING MOUNT PLATE:**

Shall be fabricated using 1/4" thick plate steel. The Spring Mount Plate has a multi-stage baked-on powder coat finish.

**SPRING INGROUND LEG:**

Shall be fabricated using 2.375" O.D., 10 gauge steel tubing with a 1/4" thick steel top mounting plate. The Spring Inground Leg has a multi-stage baked-on powder coat finish.

**FIXED MOUNT LEG:**

Shall be fabricated using 2.375" O.D., 10 gauge steel tubing with a 1/2" thick steel top mounting plate and 5/8" diameter steel anchor. The Fixed Mount Leg has 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.

**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.

