

## IMPORTANT NOTES: Read First

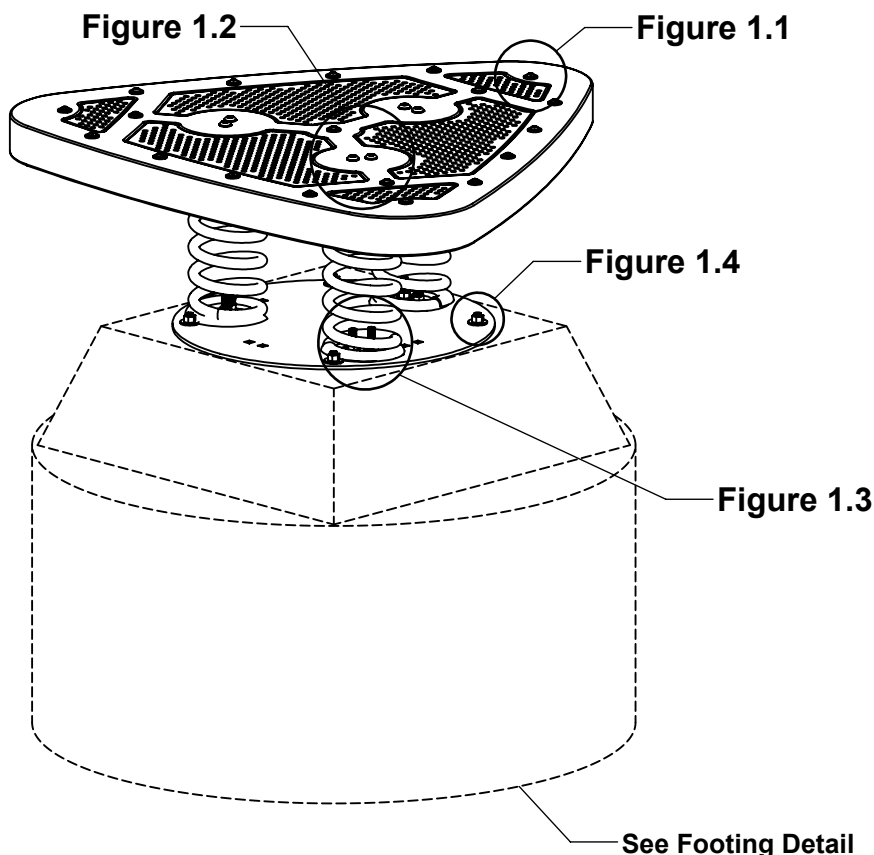
(A) Use liquid thread lock (such as Loctite®) with all threaded hardware. **Important:** Liquid thread lock (prior to curing) helps to eliminate the common problem of "thread seizure" in stainless steel hardware by serving as a lubricant during assembly.

(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.

(D) 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. No more than two threads may be exposed beyond the end of the nut.

**FIGURE 1**  
Tri Spring Deck



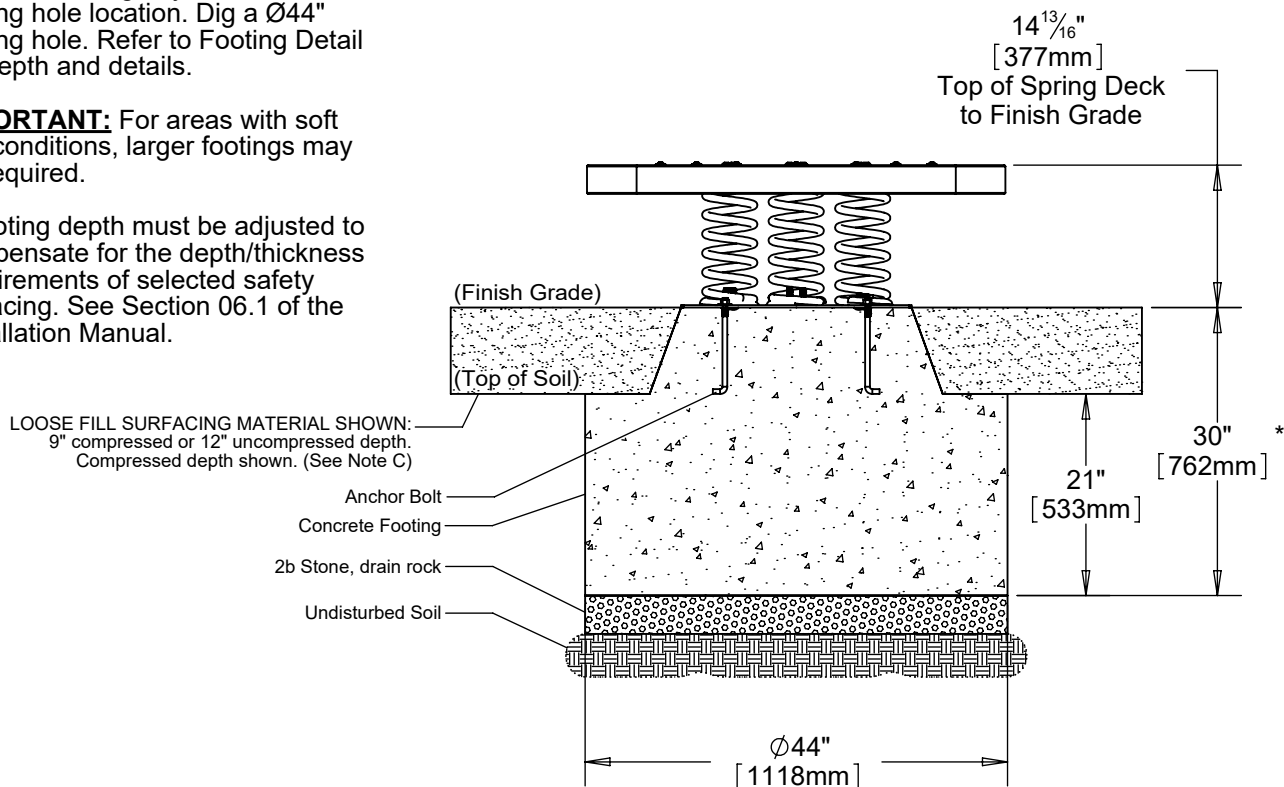
## Step 1

Refer to Footing Layout and mark footing hole location. Dig a Ø44" footing hole. Refer to Footing Detail for depth and details.

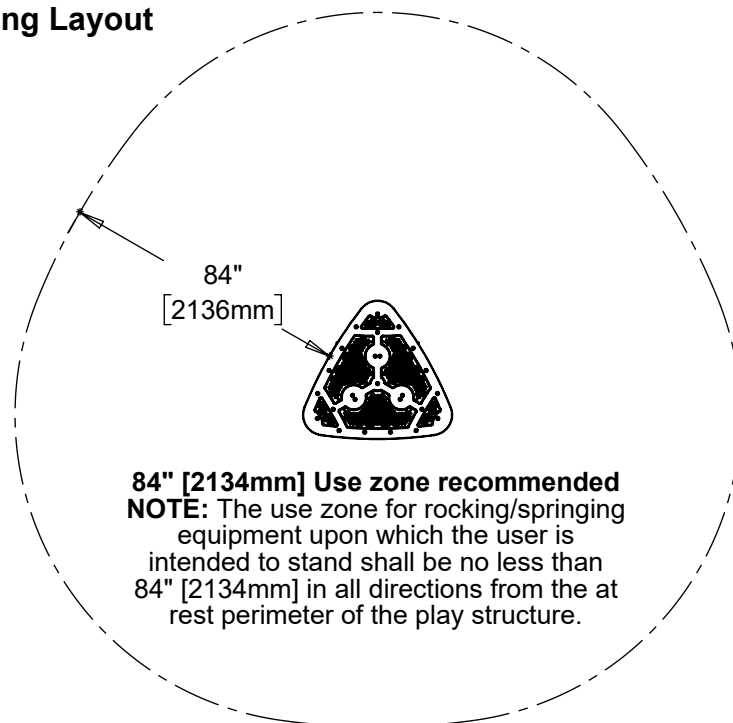
**IMPORTANT:** For areas with soft soil conditions, larger footings may be required.

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

### Elevation View - Footing Detail



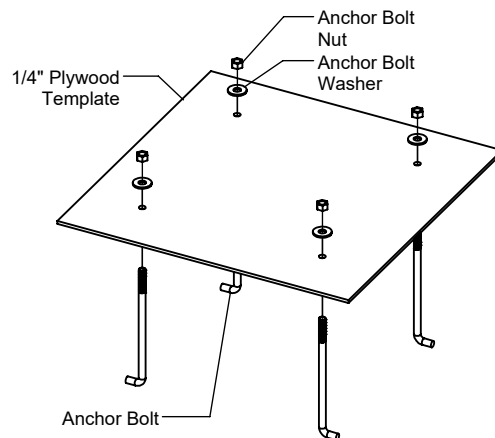
### Top View - Footing Layout



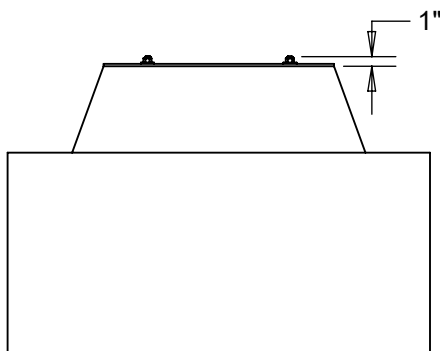
## Step 2

Use the Multi-Spring Deck Mounting Plate to create a plywood template for the placement of anchor bolts. Attach anchor bolts to the template as shown in Figure 2.

**Note:** Plywood not supplied.



**FIGURE 2**



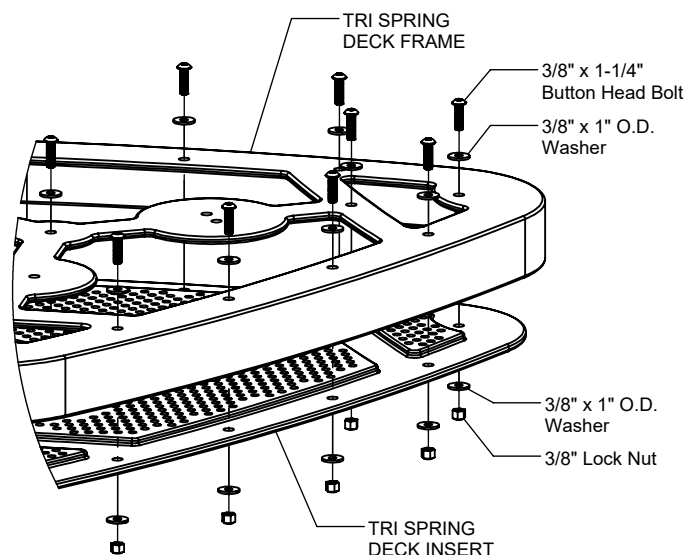
**FIGURE 3**

## Step 3

Pour concrete footing and level template on surface. Orient and set anchor bolts in concrete as shown in Footing Detail. Allow approximately 1" [25mm] of thread to protrude from the concrete as shown in Figure 3. Allow 72 hours to cure before proceeding to next step. (See Note B)

## Step 4 (Factory Assembled)

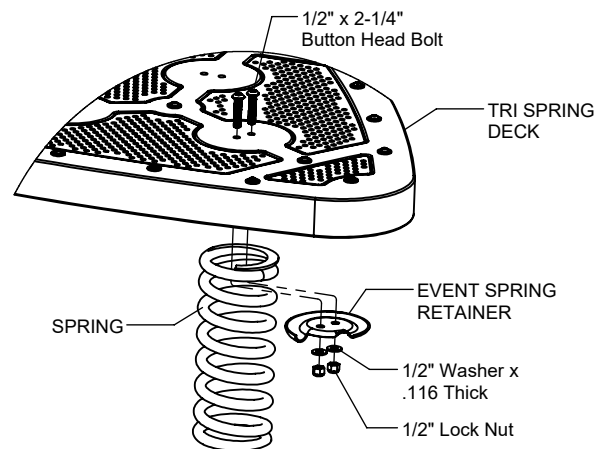
Attach Tri Spring Deck Insert to Tri Spring Deck Frame as shown in Figure 1.1. (See Note A)



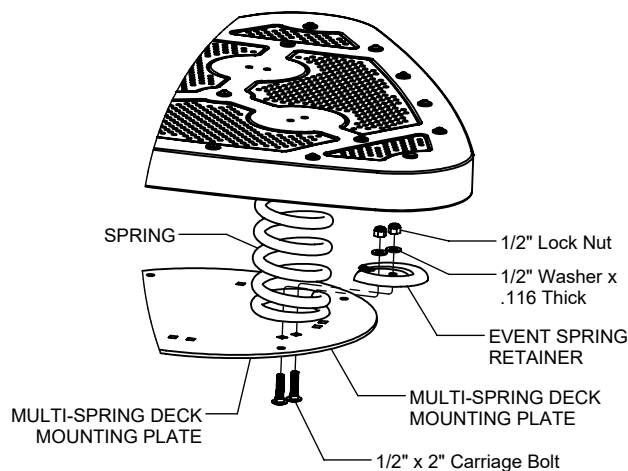
**Figure 1.1**

## Step 5 (Factory Assembled)

Insert the upper Event Spring Retainer into the Spring and attach to the Tri Spring Deck as shown in Figure 1.2. (See Note A)



**Figure 1.2**



**Figure 1.3**

## Step 6 (Factory Assembled)

Insert the lower Event Spring Retainer into the Spring and attach to the Multi-Spring Deck Mounting Plate as shown in Figure 1.3. (See Note A)

## Step 7

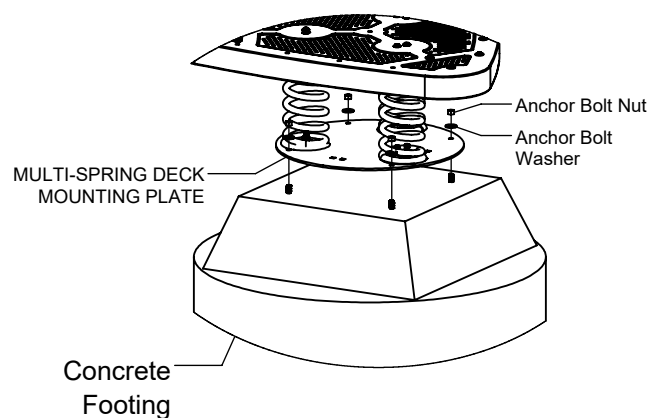
Attach the Tri Spring Deck to the concrete footing as shown in Figure 1.4. (See Note D)

## Step 8

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

## Step 9

Place required protective surfacing under and around the Tri Spring Deck. (See Note C)



**Figure 1.4**

# TRI SPRING DECK INSTALLATION INSTRUCTIONS

**PC-2439**  
Page 5 of 5

## Parts List

Part #	DESCRIPTION	QTY
9175393	Bolt Anchor 1/2" x 9-1/2" w/ Washer and Nut	4

## Assembled Parts List

Part #	DESCRIPTION	QTY
AE-4918	Multi-Spring Deck Mounting Plate	1
BE-4514	Event Spring Retainer	6
CE-0236-F	Tri Spring Deck - Frame	1
CE-0236-I	Tri Spring Deck - Insert	1
HE-4498	Playground Event Spring	3
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	19
9105100	Bolt Button Head 1/2" x 2-1/4"	6
9115092	Bolt Carriage 1/2" x 2"	6
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	38
9335002	Washer Flat 1/2" (.116" thick)	12
9413002	Nut Lock 3/8"	19
9415132	Nut Lock 1/2"	12

## Specifications

### TRI SPRING DECK:

Shall be fabricated using punched and formed 12 gauge sheet steel and will be Play-Tuff™ coated after fabrication.

### PLAYGROUND EVENT SPRING:

Shall be 5-3/4" O.D. with a free height of 14" and will have a multi-stage baked-on powder coat finish.

### EVENT SPRING RETAINER:

Shall be precision cut and formed from 1/8" thick steel and will have a multi-stage baked on powder coat finish.

### MULTI-SPRING DECK MOUNTING PLATE:

Shall be fabricated using 1/4" thick plate steel and will 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.

## 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 C**  
12/9/2021