

### 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).

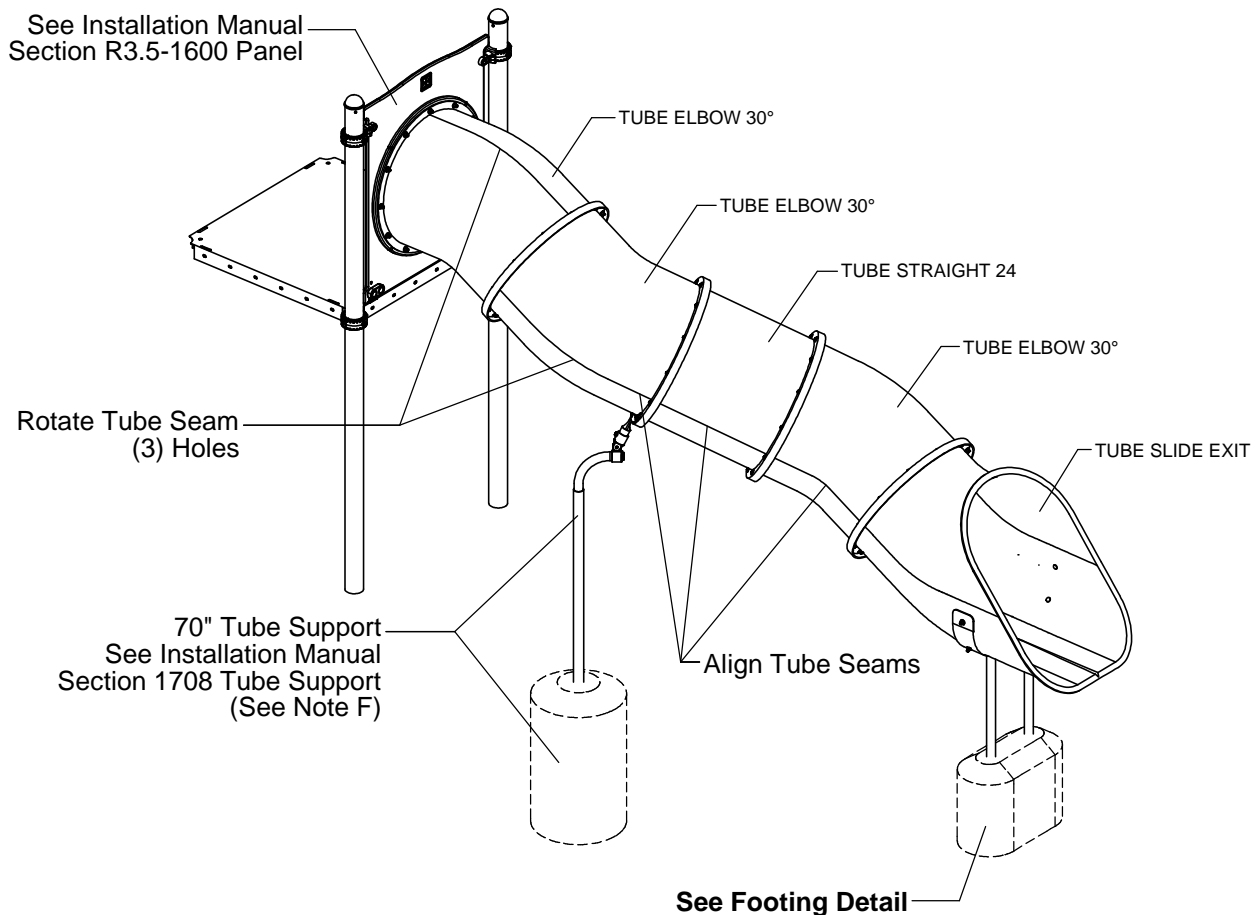
(C) Refer to Installation Manual for R3.5-1600 Panel and 1708 Tube Support assembly instructions.

(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.

(E) Exit height shall be no less than 7" [178mm] and no greater than 15" [279 mm] from finish grade. Exit region must also have a downward slope of 0° to 4°

(F) Tube Support shown requires footing  $\phi$  18" x 30" deep.

**FIGURE 1**  
S-Shaped Tube Slide



### Step 1

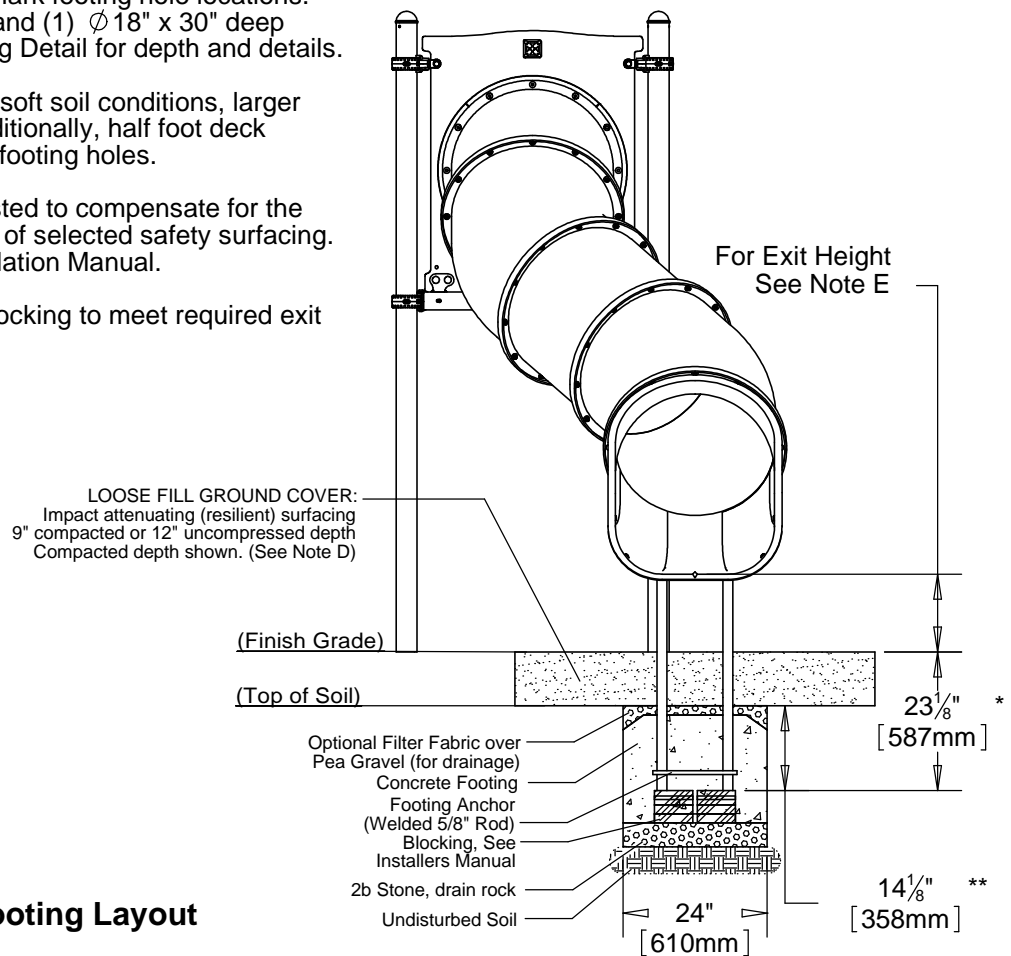
Refer to Footing Layout and mark footing hole locations. Dig (1) 12" x 24" x 18" deep and (1)  $\phi 18"$  x 30" deep footing holes. Refer to Footing Detail for depth and details.

**IMPORTANT:** For areas with soft soil conditions, larger footings may be required. Additionally, half foot deck heights will require 6" deeper footing holes.

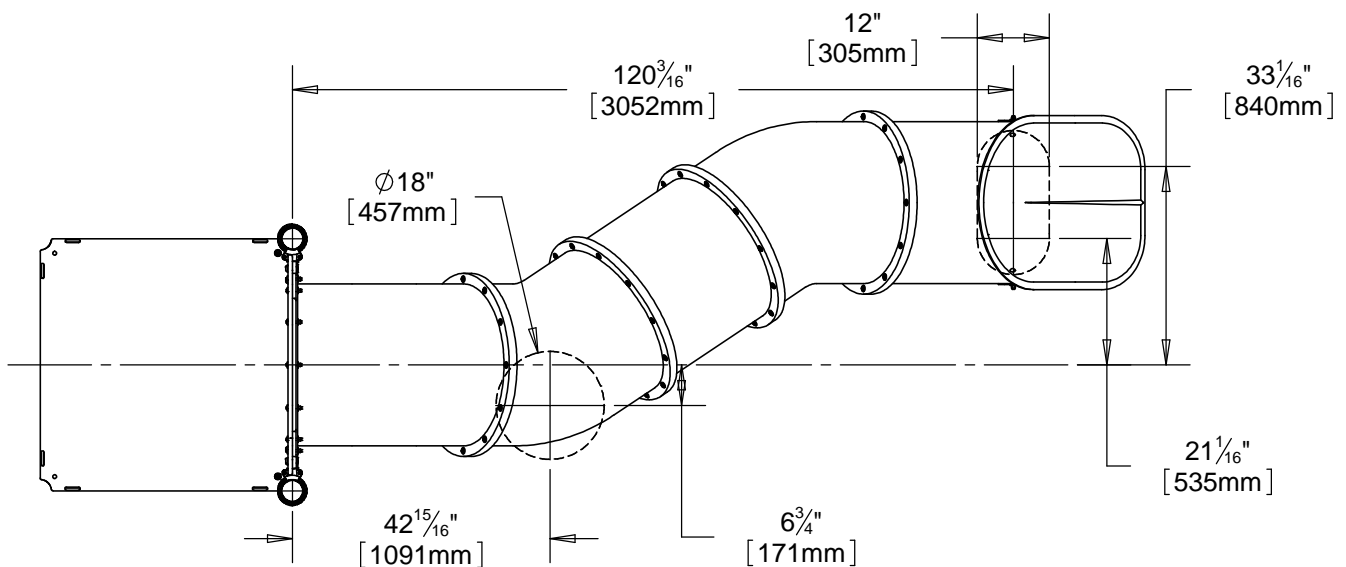
\* Footing depth must be adjusted to compensate for the depth/thickness requirements of selected safety surfacing. See Section 06.1 of the Installation Manual.

\*\* Adjust footing depth with blocking to meet required exit height. (See Note E)

### Footing Detail



### Top View - Footing Layout



### Step 2 (Factory Assembled)

Attach Tube Slide Leg to Tube Slide Exit as shown in Figure 2. (See Note A)

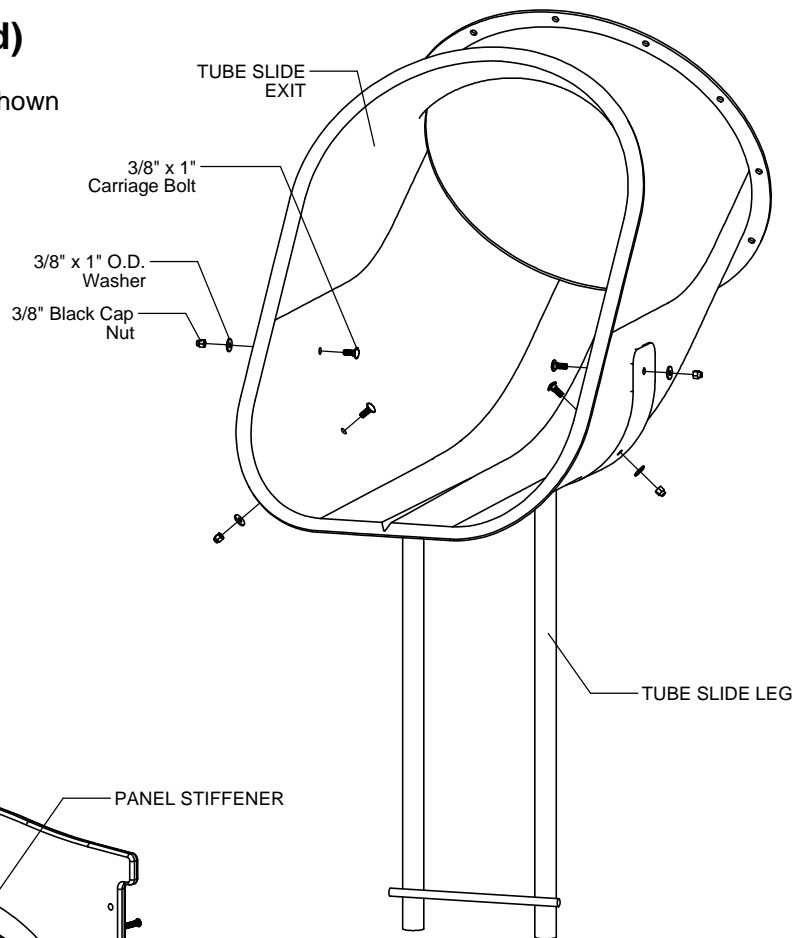


FIGURE 2

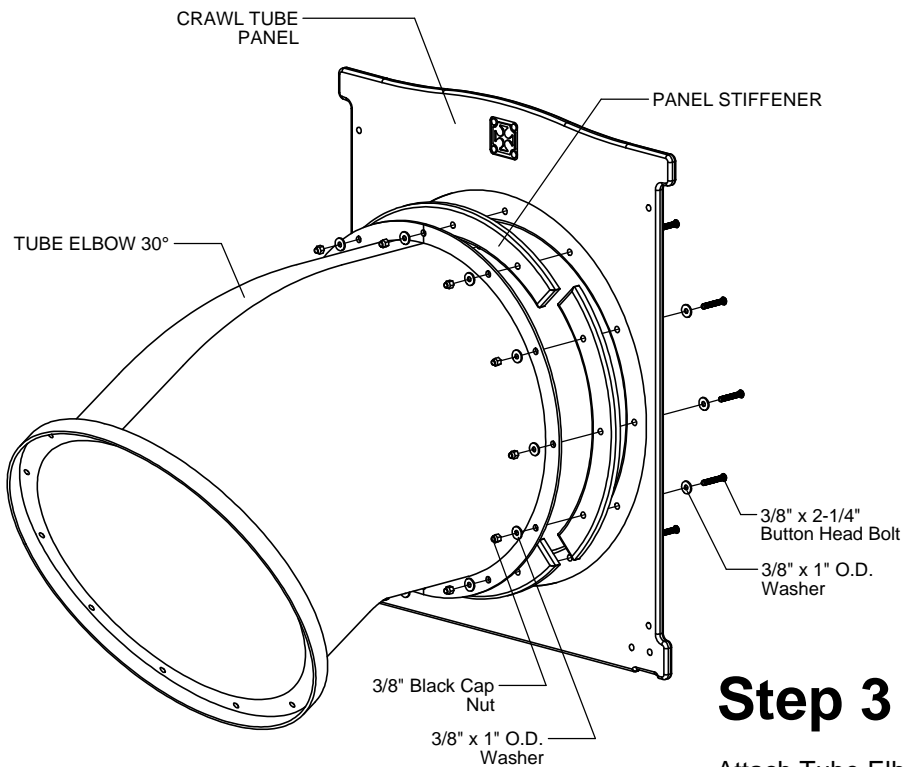


FIGURE 3

### Step 3

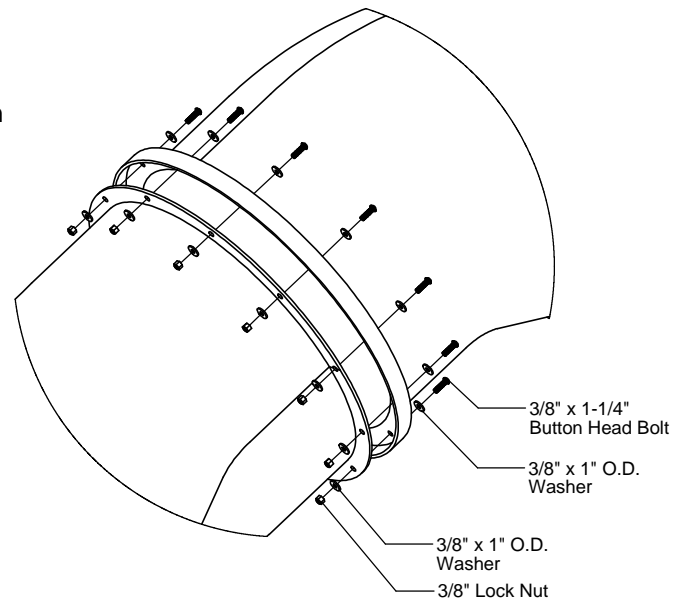
Attach Tube Elbow and Panel Stiffeners to Crawl Tube Panel as shown in Figure 3. (See Note A)

### Step 4

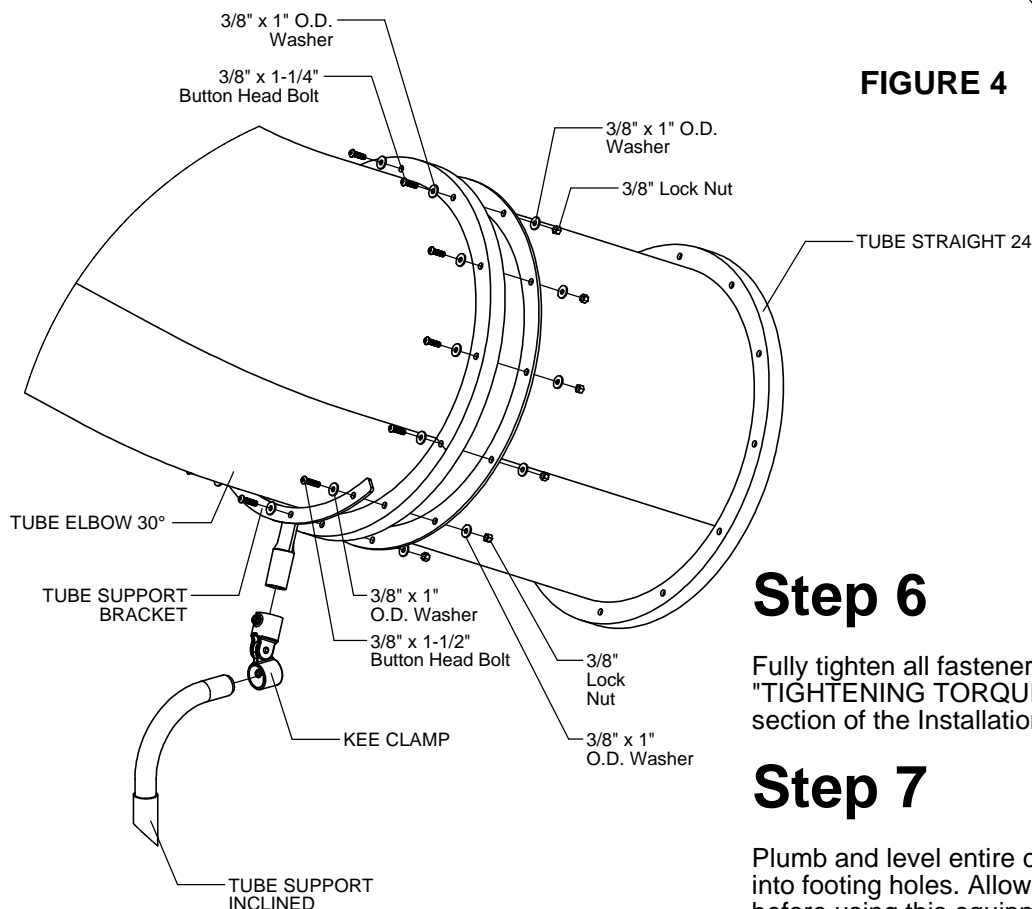
Attach Crawl Tube Panel to posts and deck. (See Notes A & C)

### Step 5

Refer to Figure 1 for tube orientation. Attach remaining tube sections as shown in Figure 4. For tube connection with Tube Support, attach as shown in Figure 5. (See Notes A & C).



**FIGURE 4**



**FIGURE 5**

### 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 holes. Allow at least 72 hours to cure before using this equipment. (See Note B)

### Step 8

Place appropriate compliant protective surfacing under and around S-Shaped Tube Slide. (See Note D)

## Specifications

**TUBE SECTION:**

Shall be constructed of UV-stabilized, rotationally molded linear low density polyethylene. All tube sections are single-wall construction with an average wall thickness of .250".

**PANEL AND STIFFENER:**

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

**TUBE SLIDE LEG SUPPORT:**

Shall be fabricated using 1.660" O.D. 11 gauge steel tubing welded to a 3/16" thick steel plate and 5/8" steel rod. The Tube Slide Leg Support 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.

## Parts List

Part #	DESCRIPTION	QTY
DE-1503	Tube Elbow 30°	3
DE-1524	Tube Straight 24	1
EG-8252-PNL	Crawl Tube Panel R3.5	1
EG-8252-STF	R3.5 Tube Panel Stiffener	4
FS-1708-INCL	Tube Support Inclined	1
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	45
9103102-TR	Bolt Button Head 3/8"x2-1/4"	12
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	114
9413002	Nut Lock 3/8"	45
9413162-BLK	Nut Lock 3/8" w/ Black Cap	12

## Assembled Parts List

Part #	DESCRIPTION	QTY
DE-1500	Tube Slide Exit	1
FS-1707-2	Tube Slide Leg Support #2	1
9113052	Bolt Carriage 3/8" x 1"	4
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	4
9413162-BLK	Nut Lock 3/8" w/ Black Cap	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.



Manufactured by Krauss Craft, Inc.  
www.playcraftsystems.com

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

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