

### 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).

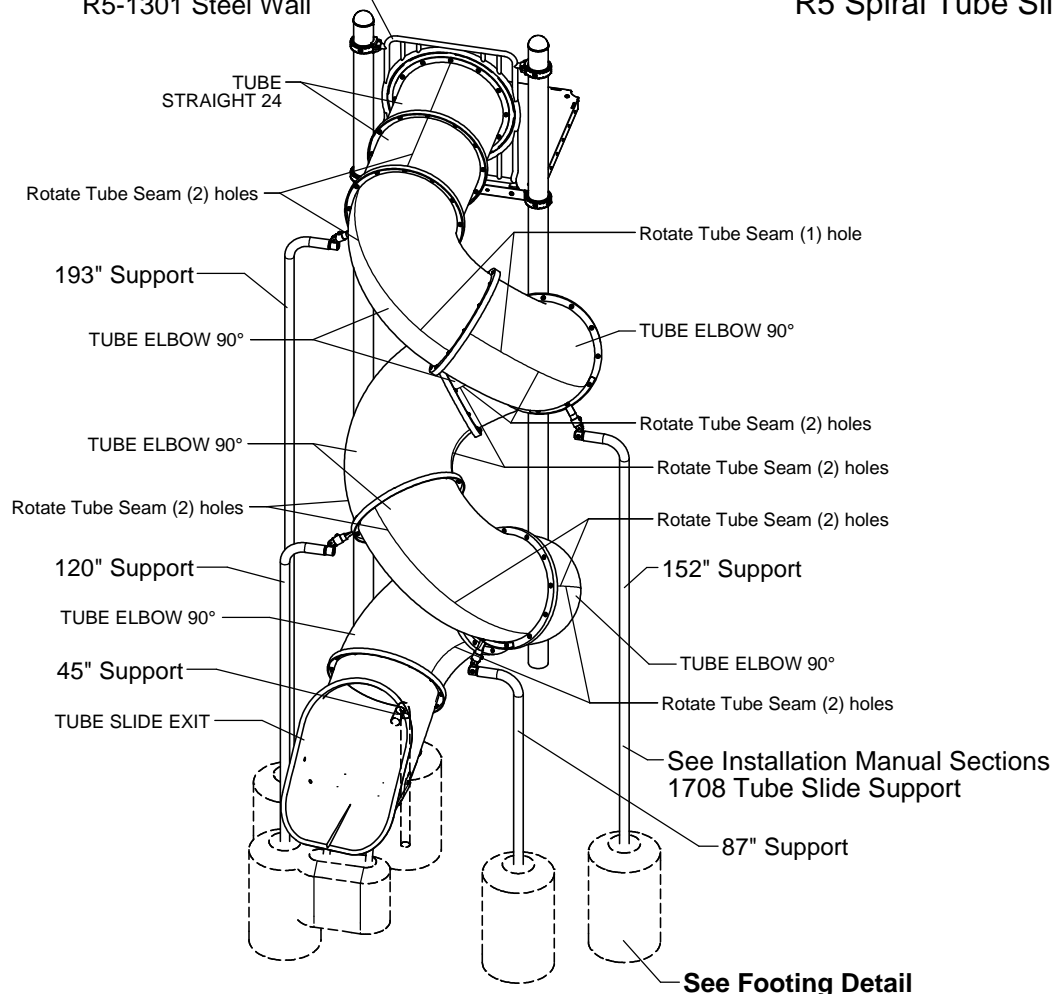
(C) Refer to Installation Manual for R5-1301 Steel Wall and 1708 Tube Slide Support assembly instructions.

(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.

(E) Exit height must be between 7" [180mm] and 15" [380mm] from finish grade. Exit region must also have a downward slope of 0 to 4°.

See Installation Manual Sections  
R5-1301 Steel Wall

**FIGURE 1**  
R5 Spiral Tube Slide 144"

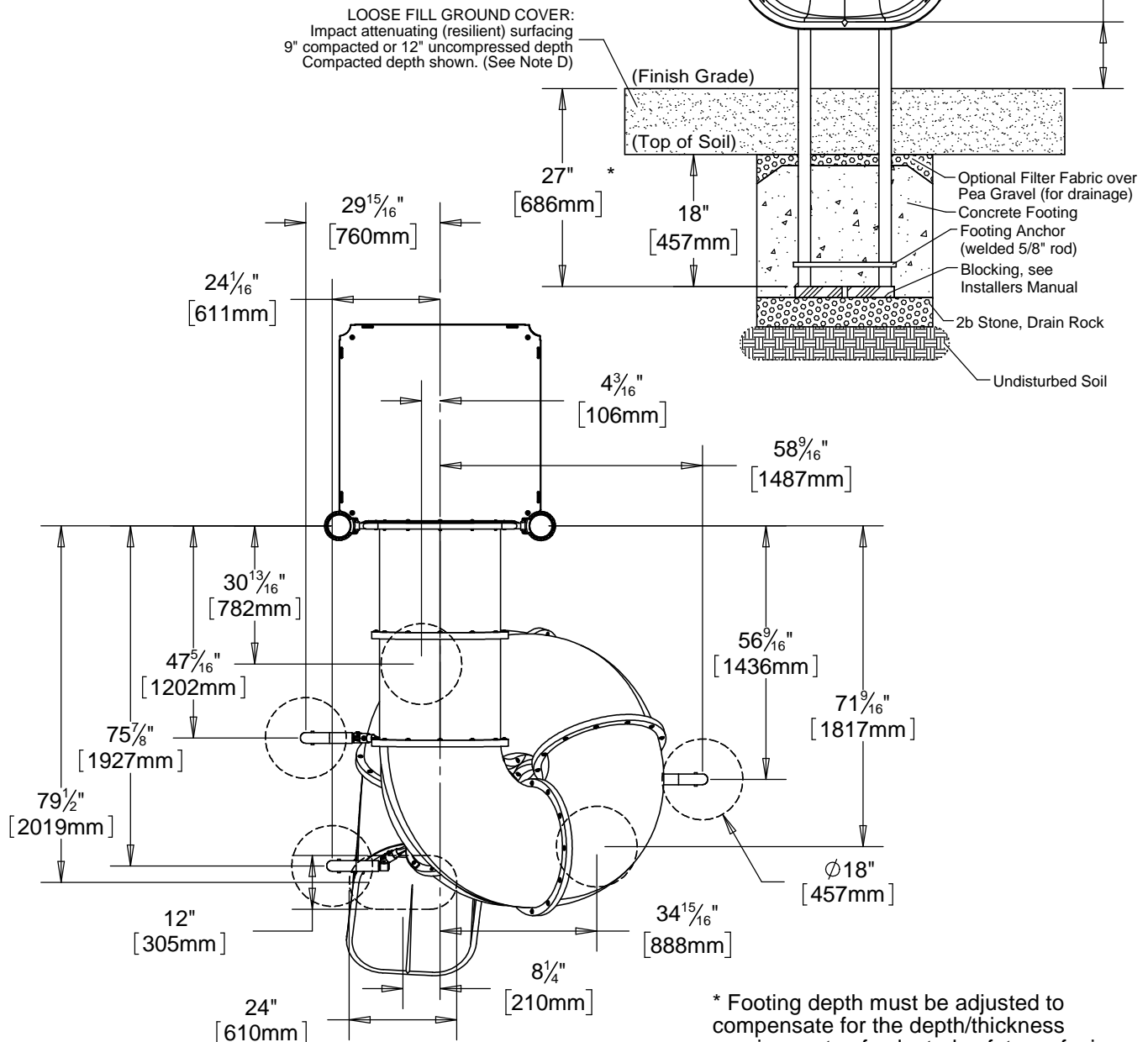


### Step 1

Refer to Footing Layout and mark footing hole locations. Dig (5)  $\varnothing 18"$  x 30" deep footing holes and (1) 12"x24"x18" deep oblong footing hole. Refer to Footing Detail for depth and details.

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

Exit Height  
must be between  
7" [180mm] - 15" [380mm]  
See Note E



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

### Step 2 (Factory Assembled)

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

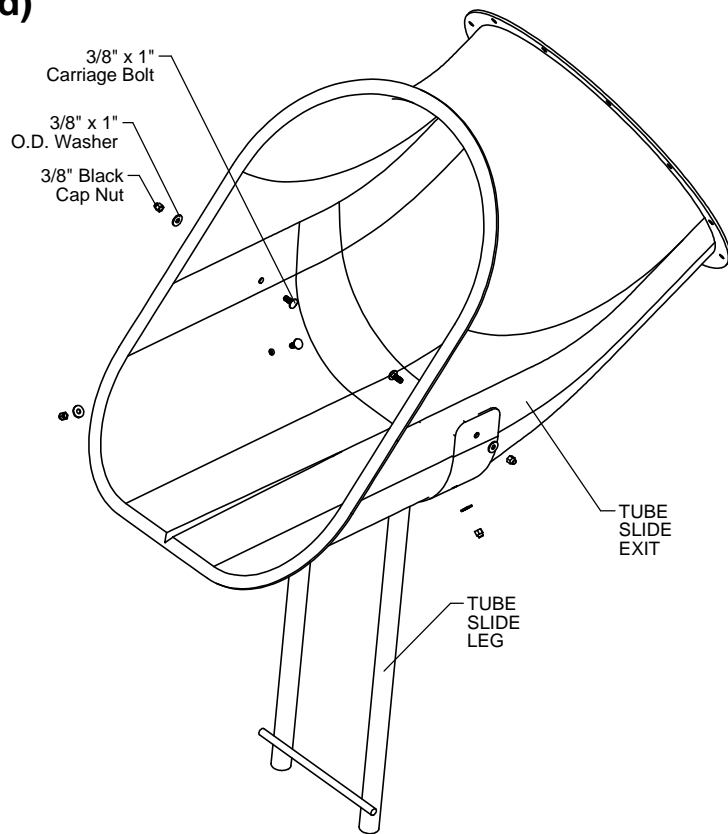


FIGURE 2

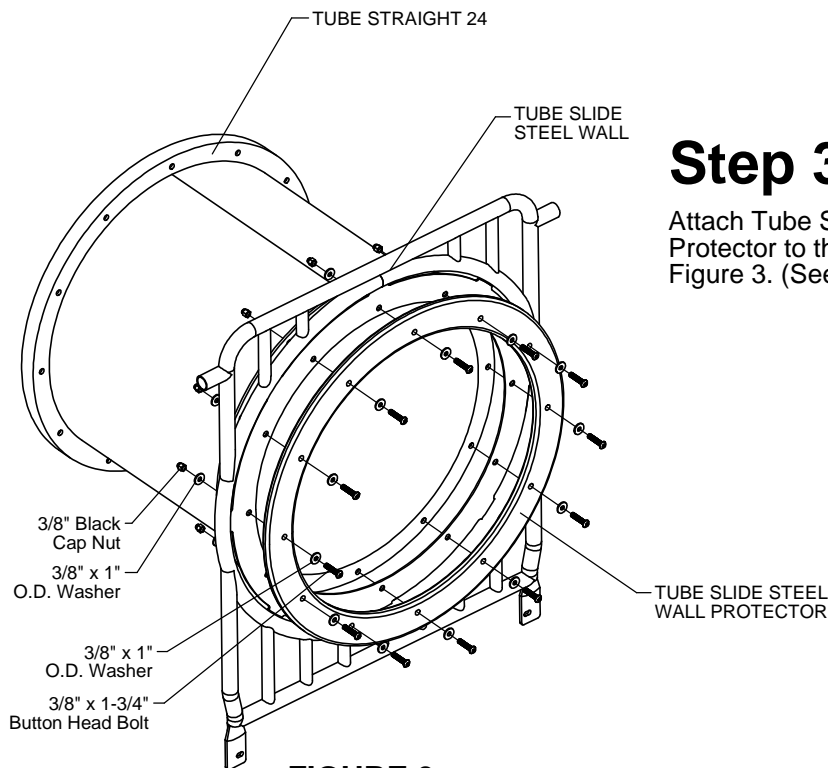


FIGURE 3

### Step 3

Attach Tube Straight 24 and Tube Slide Steel Wall Protector to the Tube Slide Steel Wall as shown in Figure 3. (See Note A).

### Step 4

Attach Tube Entry Panel to posts and deck.  
(Refer to Notes A and C)

### Step 5

Refer to Figure 1 on Page 1 and Side Elevation for tube orientation. Attach remaining tube sections as shown in Figure 4. For tube connections with Tube Support refer to Figure 5. (See Notes A and C)

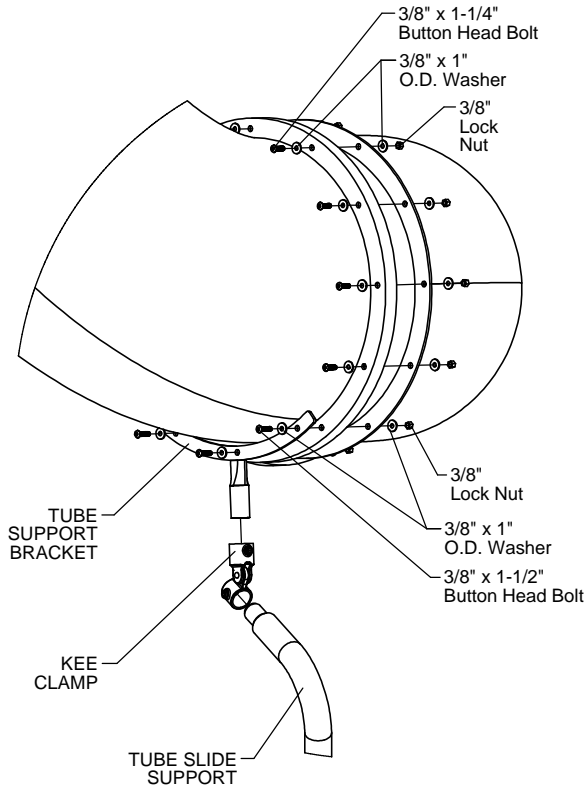


FIGURE 5

### SIDE ELEVATION

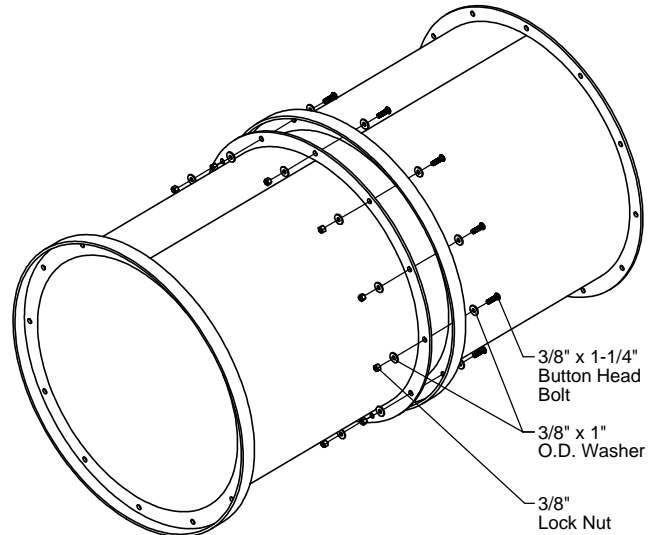
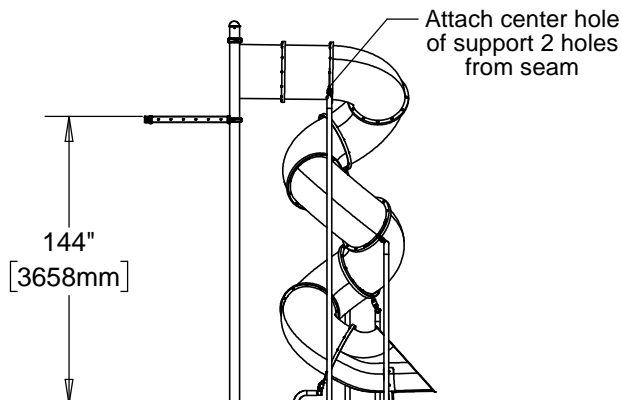


FIGURE 4

### 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. Place Tube Supports and Legs in footing holes and 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 Spiral Tube Slide. (See Note D)

## Specifications

### CRAWL 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".

### TUBE SLIDE SUPPORT:

Shall be fabricated of 2.375" 10 gauge and 1.660" O.D. 11 gauge steel tubing welded onto a 3/16" steel plate with a 5/8" steel rod welded on as a footing anchor. Tube Slide Support has a multi-stage baked-on powder coat finish.

### TUBE SUPPORT BRACKET:

Shall be fabricated of 1.660" O.D. 11 gauge steel tubing welded onto a 1/4" steel plate for mounting to tube flange. Tube Support Bracket has a multi-stage baked-on powder coat finish.

### TUBE SLIDE LEG:

Shall be fabricated of 1.660" O.D. 11 gauge steel tubing welded onto a 3/16" steel plate with a 5/8" steel rod welded on as a footing anchor. Tube Slide 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.

## Parts List

Part #	DESCRIPTION	QTY.
DE-1509	Tube Elbow 90°	7
DE-1524	Tube Straight 24	2
EE-7253	Tube Slide Steel Wall Protector	1
FS-1340-R5	Tube Slide Steel Wall	1
FS-1708-INCL238	Spiral Tube Slide Support 2.375" O.D.	5
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	93
9103082-TR	Bolt Button Head 3/8" x 1-3/4"	12
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	210
9413002	Nut Lock 3/8"	93
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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