

IMPORTANT NOTES: Read First

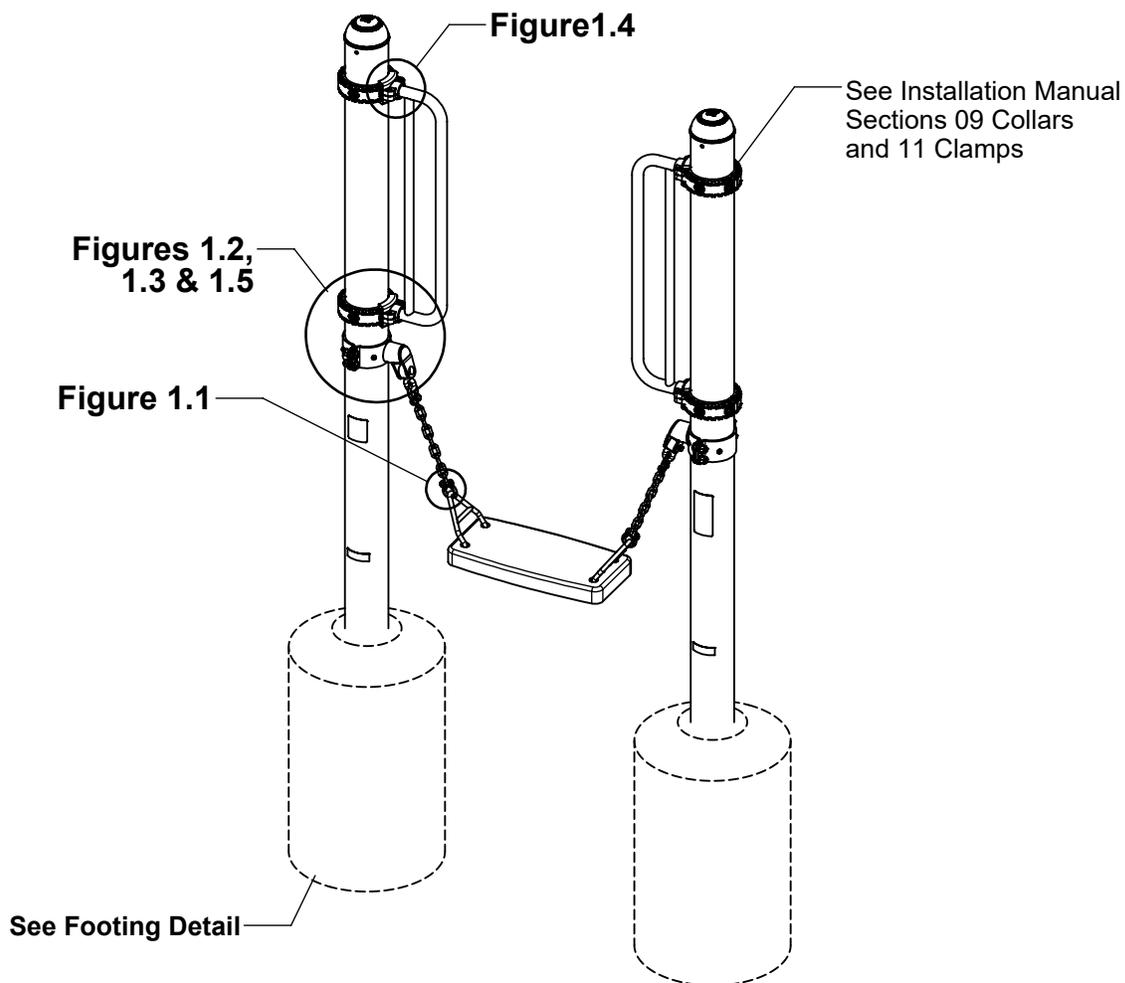
(A) Use liquid thread lock (such as Loctite®) with all threaded hardware. **Important:** Liquid thread lock (prior to curing) helps to eliminate the common problem of "thread seizure" in stainless steel hardware by serving as a lubricant during assembly.

(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 09 Collars and 11 Socket Clamps installation 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 for the surfacing appropriate for the fall height of the equipment or consult your surfacing supply representative.

**FIGURE 1
Surf Rider**



NOTE: R5 Surf Rider shown. Other configurations will vary slightly, but does not affect assembly.

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.

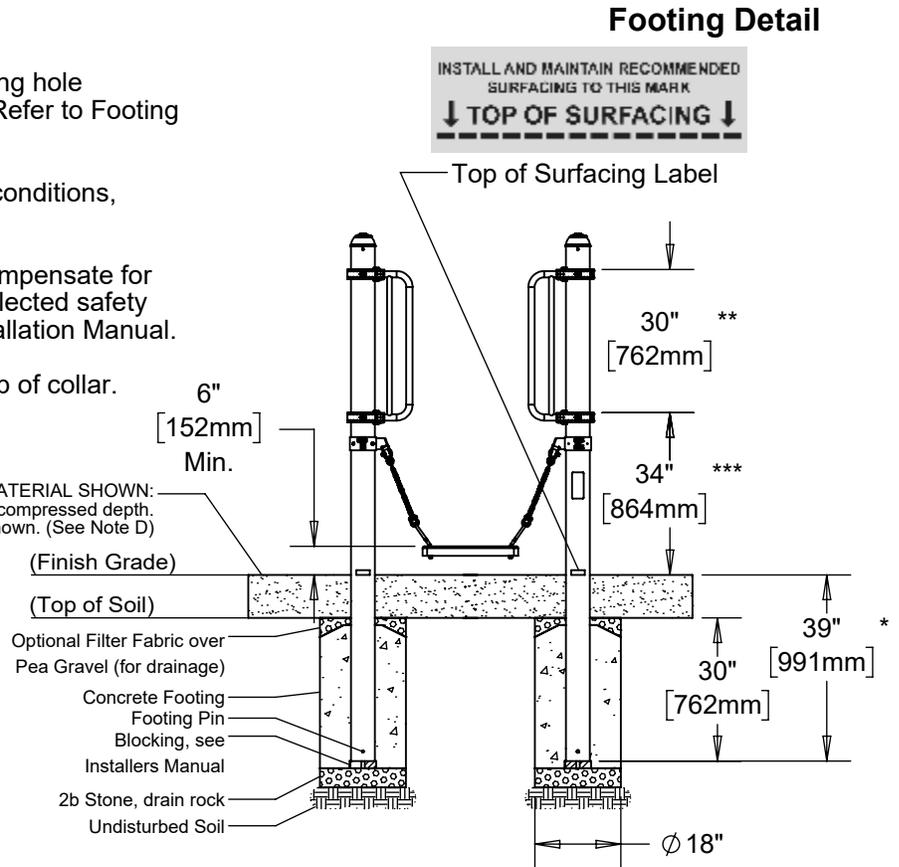
IMPORTANT: For areas with soft soil conditions, larger footings may be required.

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

** Height shown from top of collar to top of collar.

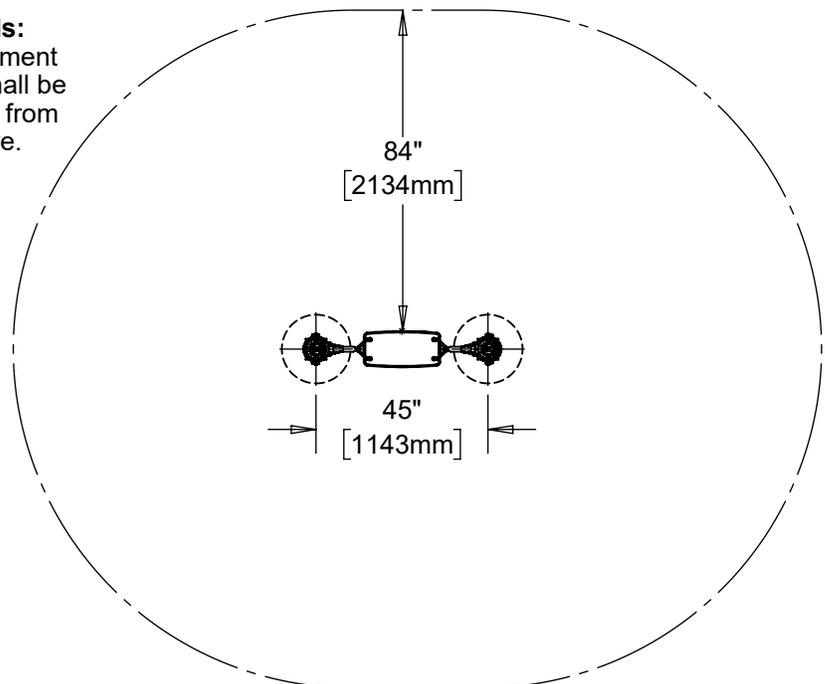
*** Height shown from finish grade to top of collar.

LOOSE FILL SURFACING MATERIAL SHOWN:
9" compressed or 12" uncompressed depth.
Compressed depth shown. (See Note D)



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 stand shall be no less than 84" [2134mm] in all directions from the at rest perimeter of the play structure.



Step 2 (Factory Assembled)

Attach Deck Hangers to Deck as shown in Figure 2.
(See Note A)

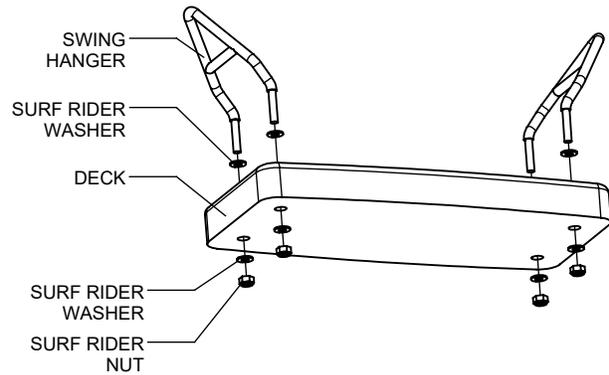


FIGURE 2

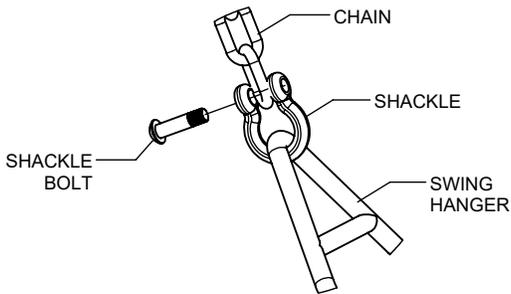


Figure 1.1

Step 3 (Factory Assembled)

Attach Deck Hanger to Chains as shown in Figure 1.1.
(See Note A)

Step 4 (Factory Assembled)

Attach Supports to Chains as shown in Figure 1.2.
(See Note A)

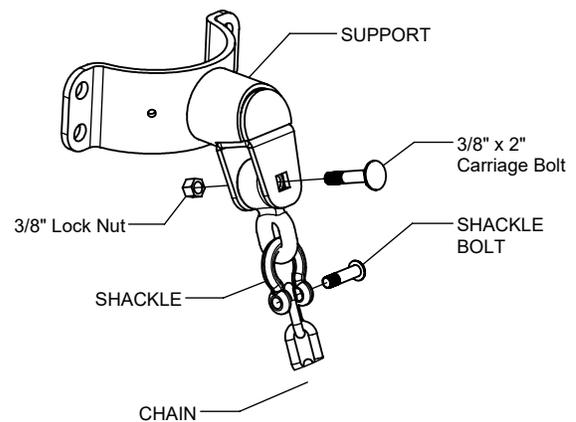


Figure 1.2

Step 5

Install footing pins into Posts and place into footing holes as shown in Figure 3. (See Note A)

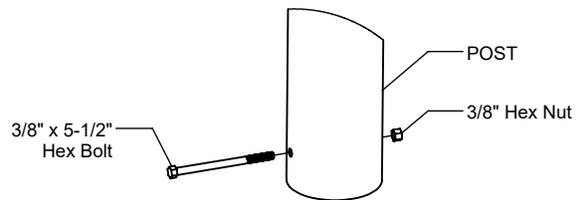


FIGURE 3

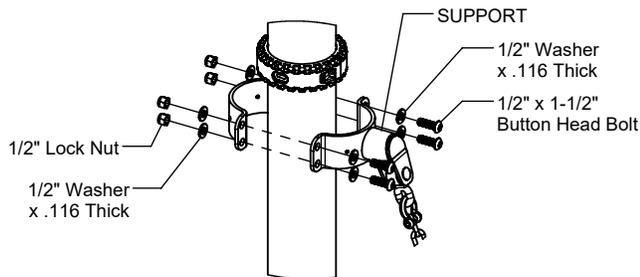


Figure 1.3

Step 6

Locate and attach Split Collar Halves to Posts at height indicated in Footing Detail as shown in Figure 1.3. (See Note A)

Step 7

Locate and attach collars at heights shown in Footing Detail. (See Note C)

Step 8

Attach Handles to collars as shown in Figure 1.4. (See Note C)

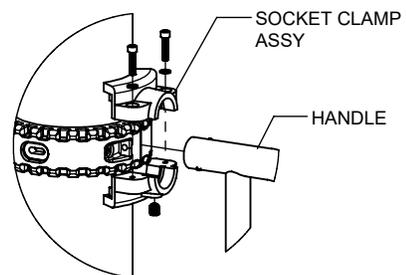


Figure 1.4

Step 9

Secure Split Collar Halves and Supports to Posts as shown in Figure 1.5.

Step 10

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

Step 11

Plumb and level entire component. Pour concrete into footing holes. Allow at least 72 hours to cure before proceeding to next step. (See Note B)

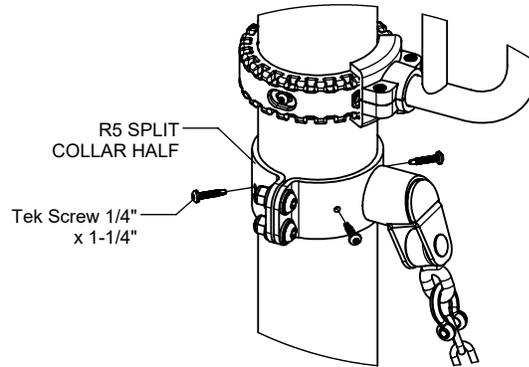


Figure 1.5

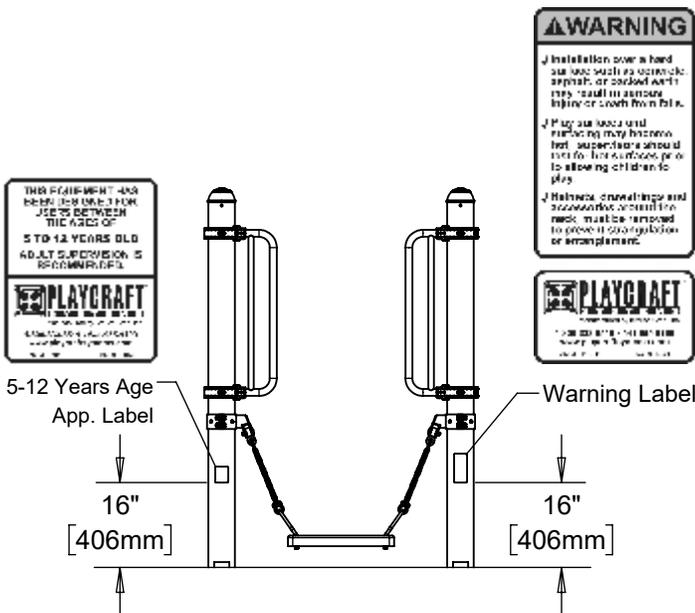


FIGURE 4

Step 12

Apply Age Appropriate Label and Surfacing Warning Label to posts where visible to users as shown in Figure 4. (Dimensions shown indicate suggested placement)

Step 13

Affix "Top of Surfacing" label to base of post indicating the top of minimum required surfacing depth. (See Note D)

Step 14

Place required protective surfacing under and around Surf Rider. (See Note D)

Parts List

R35 SURF RIDER		
Part #	DESCRIPTION	QTY.
BG-8133	Split Collar Half R3.5	2
FS-1948-B	Surf Rider Handle	2
HS-1001-R35	Socket Clamp Set R3.5	4
HS-1004-R35	R35 Collar Set	4
372010	ASTM 5-12 Years Age App. Label	1
372016	Warning Label	1
372017	Top of Surfacing Label	2
9105072	Bolt Button Head 1/2" x 1-1/2"	8
9123231	Bolt Hex 3/8" x 5-1/2"	2
9271062-TR	1/4" x 1-1/4" Tek Screw	8
9335002	Washer Flat 1/2" (.116" thick)	16
9415132	Nut Lock 1/2"	8
9483602	Nut Hex 3/8"	2

R5 SURF RIDER		
Part #	DESCRIPTION	QTY.
BF-7068	Split Collar Half R5	2
FS-1948-B	Surf Rider Handle	2
FS-1948-R5	Surf Rider Support R5	2
HS-1001-R5	Socket Clamp Set R5	4
S-1009-R5	9' R5 Post	2
372010	ASTM 5-12 Years Age App. Label	1
372016	Warning Label	1
372017	Top of Surfacing Label	2
9105072	Bolt Button Head 1/2" x 1-1/2"	8
9123231	Bolt Hex 3/8" x 5-1/2"	2
9271062-TR	1/4" x 1-1/4" Tek Screw	8
9335002	Washer Flat 1/2" (.116" thick)	16
9415132	Nut Lock 1/2"	8
9483602	Nut Hex 3/8"	2

Assembled Parts List

R35 SURF RIDER		
Part #	DESCRIPTION	QTY.
FS-1948-R35	Surf Rider Support R3.5	2
HE-0008-9	9-Link Galvanized Chain	2
314207-S	Flat Swing Seat	1
451161-SS	Swing Shackle - Stainless Steel	4
471002	Swing Hanger w/ Nut & Bolt	2

R5 SURF RIDER		
Part #	DESCRIPTION	QTY.
FS-1948-R5	Surf Rider Support R5	2
HE-0008-9	9-Link Galvanized Chain	2
314207-S	Flat Swing Seat	1
451161-SS	Swing Shackle - Stainless Steel	4
471002	Swing Hanger w/ Nut & Bolt	2

Specifications

SURF RIDER DECK:

Shall be constructed of UV-stabilized, rotationally molded, linear, low density polyethylene with an average wall thickness of .250". The Surf Rider Deck shall include hangers with a multi-stage baked-on powder coat finish.

SURF RIDER SUPPORT:

Shall be fabricated using 2.375" O.D. 10 gauge steel tubing with welded 1/4" thick steel split collars, and 3/16" thick steel anchors and pipe plug and will have a multi-stage baked-on powder coat finish.

SURF RIDER CHAIN:

Shall be 7mm (1/4") PC Grade 30 chain with a silver shield cold galvanized finish.

SPLIT COLLAR HALF:

Shall be precision laser-cut from 1/4" thick rolled sheet steel and will have a multi-stage baked-on powder coat finish.

HARDWARE:

Shall be zinc/nickel plated, galvanized or stainless steel 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.

