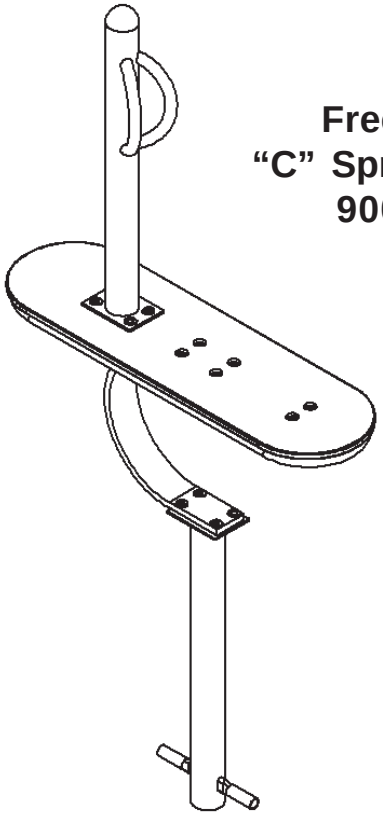


Free Standing "C" Spring Surf Rider 90018002XX

Installation Time: 30 minutes
Concrete Required: 5-1/2 cubic feet
Weight: 108 pounds

Note: Surf Rider will ship pre-assembled (Part # RSA00584XX)

REQUIRED TOOLS:

Shovel / Post Hole Digger / Auger
Wheelbarrow
Concrete Trowel
Level
Heavy cardboard for 18" diameter concrete form

PRE-INSTALLATION CHECK

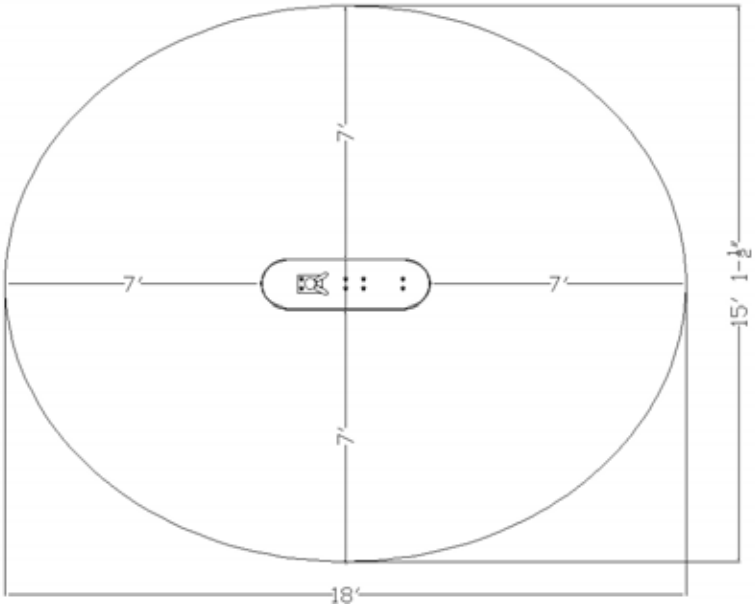
Compare all items received to the packing list. Notify your local sales representative immediately of any missing or damaged parts.

We are not responsible for items discovered missing after 72 hours from time of delivery!

Before beginning installation, make sure you have read and understand the Installation Introduction manual that was supplied to you. If you did not receive a copy, or if you have a question regarding anything covered in this manual, contact your local sales representative.

USE ZONE

The use zone for rocking/springing equipment upon which the user is intended to stand shall be no less than 84" (2130mm) in all directions from the at-rest perimeter of the play structure. No other play structure use zone shall overlap the use zone of a rocking/ springing structure upon which the user is intended to stand.



STEP 1:

Excavate footing hole as shown in Footing Elevation below. Use heavy cardboard or tube to form the portion of concrete cylinder above hard grade. Top of form should stand 8" above grade.

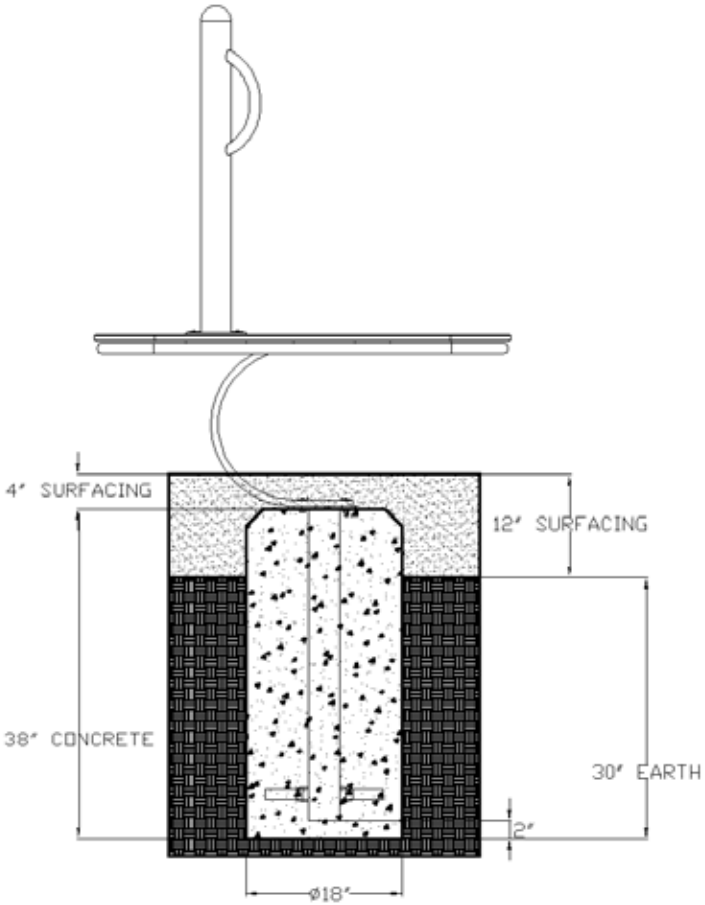
STEP 2:

Place a 2" spacer in bottom of hole. **NOTE**: A single brick (2"x3"x7") would be an acceptable spacer. Place Surf Rider in position. Block and brace to correct height and make sure that it is level.

NOTE: Top of "surfboard" needs to be 17-1/2" above finished surfacing.

STEP 3:

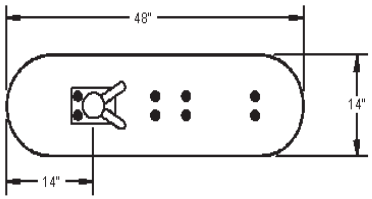
Fill the hole and form with concrete until concrete reaches base plate, making sure that Surf Rider is level and at correct height. Bevel top edge of concrete to eliminate sharp corner. **Allow concrete to harden for at least 48 hours before use.**

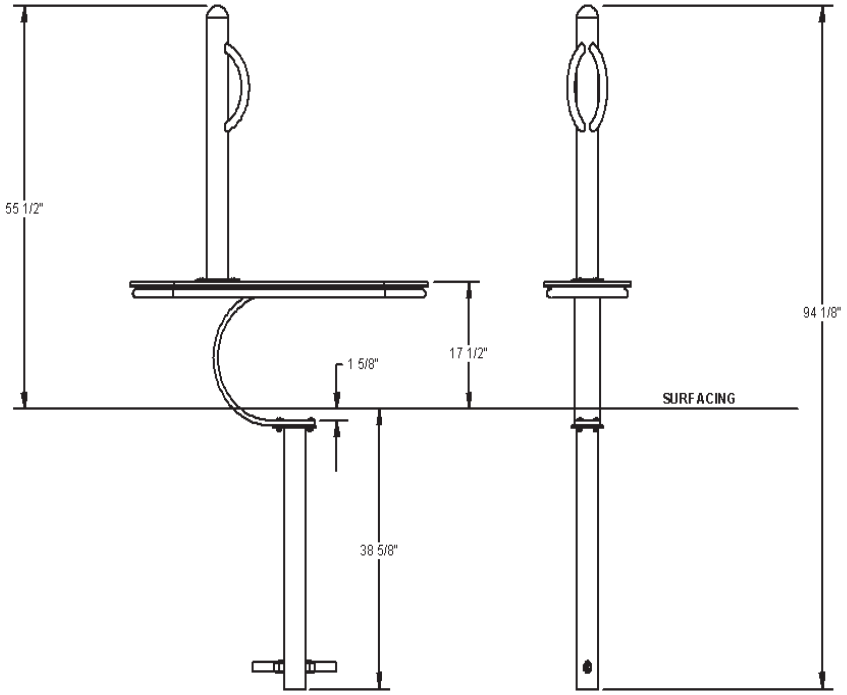


Footing Elevation

NOTE: Footing Elevation shown with 12" of surfacing and 8" of concrete above grade. The height of your concrete above grade will vary depending on your surfacing depth. You must maintain 4" of surfacing above base plate.

OVERHEAD VIEW





ELEVATION VIEW

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	AFB40553XX	Fab Wdmt. - Surf Rider Frame
2	1	1350075	C-Spring 3/4"
3	1	RSP00549XX	Sheet - Routed Surf Rider Platform
4	1	AFB40576XX	Fab Wdmt.-Surf Rider Foot Anchor
5	24	2090010292	Washer - 3/8”x1-1/4” Flat
6	1	AFB40577XX	Fab Wdmt. - Surf Rider Grab Post
7	4	2080011792	Bolt-3/8"x1-3/4" Sec. Torx W/ Patch
8	10	2100040292	Nut- 3/8" Standard
10	8	2080011592	Bolt - 3/8"x1-1/2" Sec. Torx W/Patch
11	2	2080011492	Bolt-3/8"x1-1/4" Sec. Torx w/Patch
12	4	PL03	Nut - 3/8"-16 Female Insert

PRODUCT SPECIFICATIONS

HARDWARE
- Tamper resistant
- Special tool required for install

SURF RIDER PLATFORM
- 3/4” high density polyethylene sheeting
- Tested in accordance with ASTM D1928 Procedure C
- 4,400 psi tensile strength (ASTM D638)
- Textured finish
- UV stabilized

SURF RIDER FRAME
- 1-1/4” O.D. round steel tube
- 14 gauge steel
- Manufactured per ASTM 500
- 50,000 psi yield strength (ASTM E-8)
- 55,000 psi tensile strength (ASTM E-8)
- Triple zinc coated undercoat
- Powder coat finish

SURF RIDER FOOTING ANCHOR / GRAB POST
- 3-1/4” O.D. round steel tube main body (MT 1026)
- 1-1/4” O.D. round steel tube tabs/hand holds
- .25” wall mild steel main body
- 75,000 psi yield strength main body
- Manufactured per ASTM 500
- 14 gauge steel tabs/hand holds
- 50,000 psi yield strength tabs/hand holds (ASTM E-8)
- 55,000 psi tensile strength tabs/hand holds (ASTM E-8)
- Triple zinc coated undercoat
- Powder coat finish

SURF RIDER “C” SPRING
- 3/4” thick steel
- Conforms with ASTM A36-77A
- 58,000 psi tensile strength
- 36,000 yield strength
- Powder coat finish

PRODUCT SPECIFICATIONS

PRETREATMENT WASH PRIMER

- 4860-420 primer / 1000-44 activator
- Polyvinyl-butyral resin based primer
- Used on all milled steel and all weld joints
- Designed to give adhesion to a wide variety of metal substrates
- Provides added metal protection against rust
- Imparts extra durability to topcoat (powder coat)
- When reduced properly, it meets the definition of a "pretreatment" primer found in many air quality regulations

POWDER COAT FINISH

- TGIC Polyester
- Electrostatic application
- Baked-on @ 400 degrees
- 5-7 mills thick
- Lead free
- High gloss
- No peel / No flake finish
- Resistant to salt spray (ASTM B117)
- Resistant to humidity (ASTM D2247)
- Direct/Indirect impact 120 in. pounds (ASTM D2794)
- Good to excellent resistance to most solvents, oils, acids and alkalies