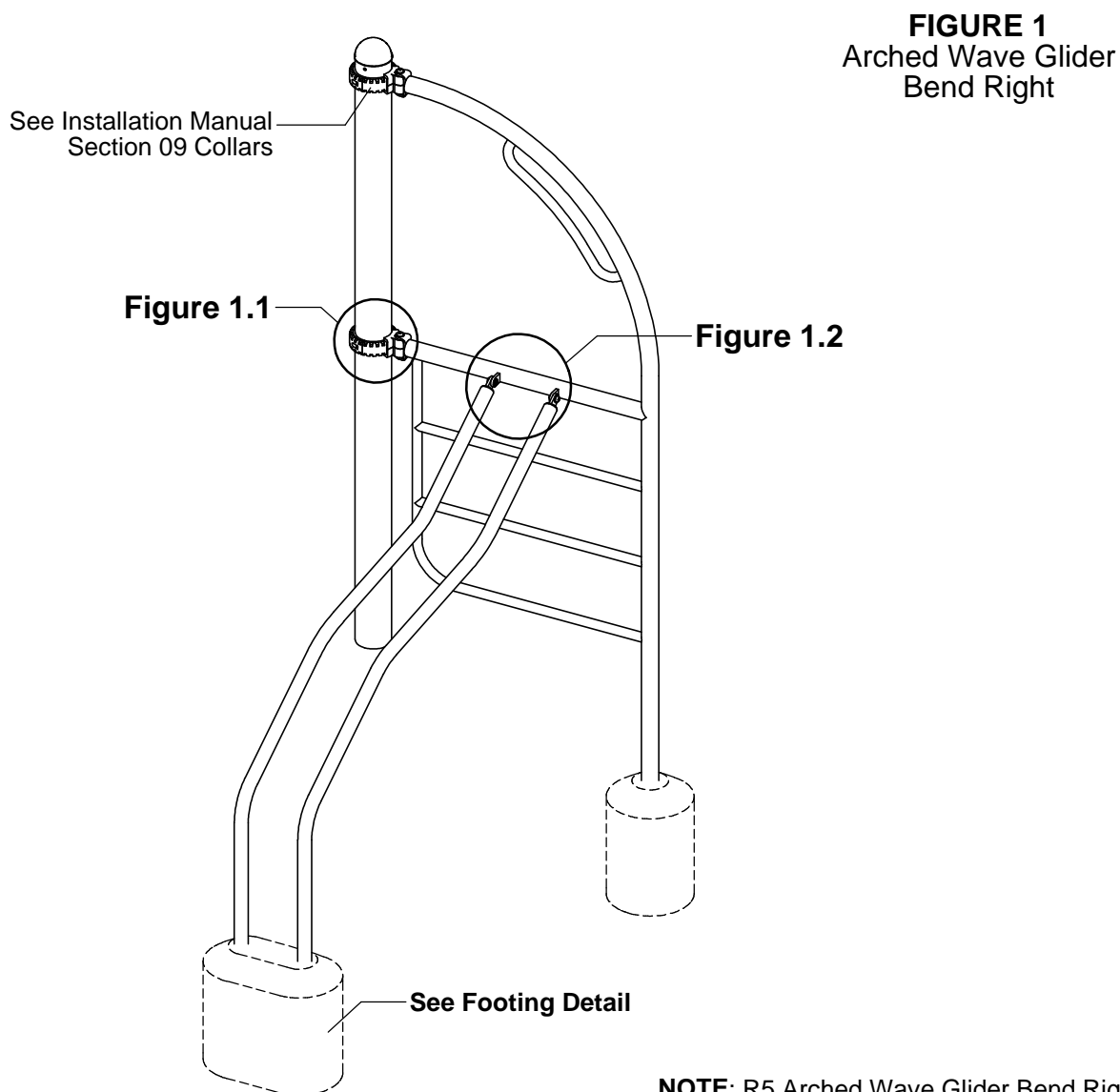


IMPORTANT NOTES: Read First

- (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 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 for the surfacing appropriate for the fall height of the equipment or consult your surfacing supply representative.



NOTE: R5 Arched Wave Glider Bend Right shown. Other configurations will vary slightly but does not affect assembly.

Step 1

Refer to Footing Layout and mark footing hole locations. Dig (1) Ø 12" footing hole and (1) 12" x 20" x 18" deep oval footing hole. Refer to Footing Detail for depth and details.

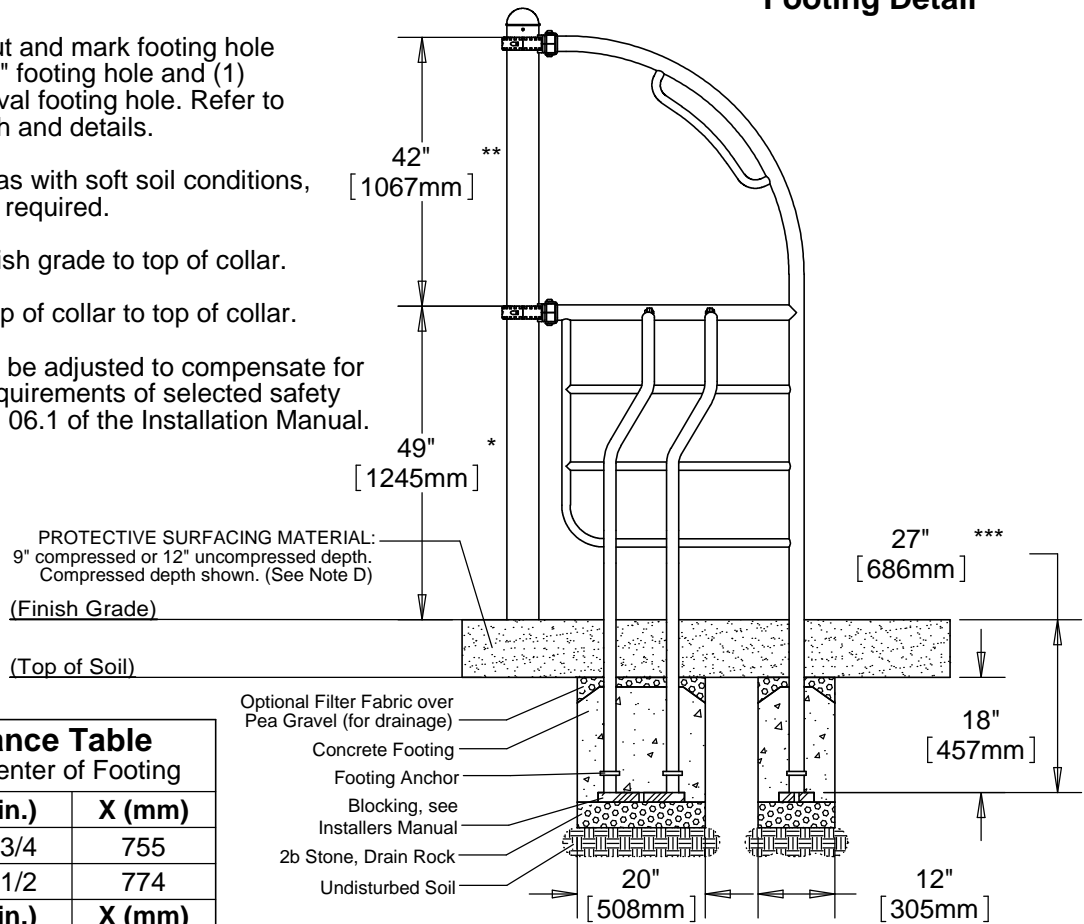
IMPORTANT: For areas with soft soil conditions, larger footings may be required.

* Height given from finish grade to top of collar.

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

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

Footing Detail

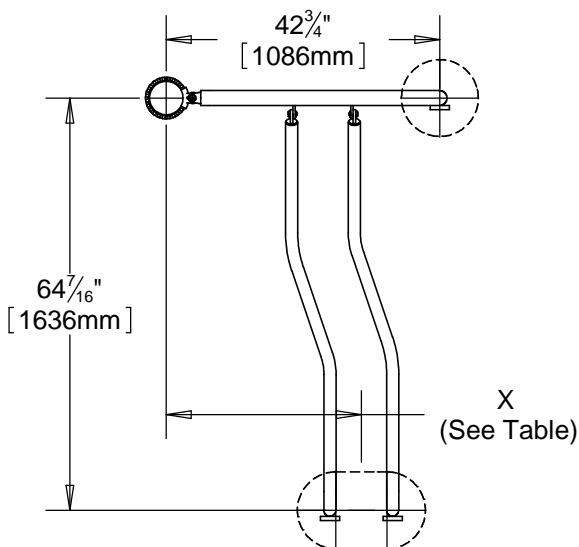


Footing Distance Table

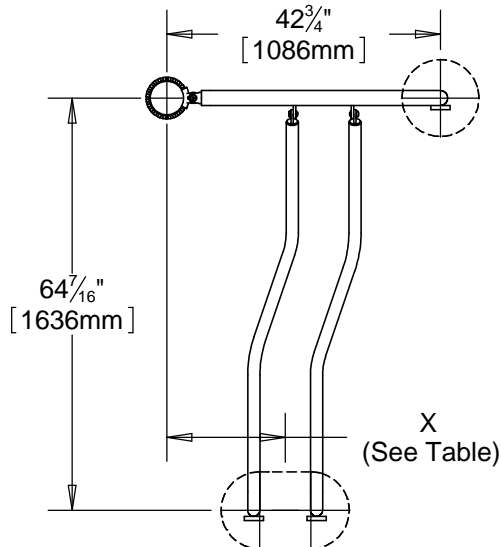
Center of Post to Center of Footing

Bend Left	X (in.)	X (mm)
R3.5	29-3/4	755
R5	30-1/2	774
Bend Right	X (in.)	X (mm)
R3.5	17-3/4	450
R5	18-1/2	469

Top View - Bend Left Footing Layout



Top View - Bend Right Footing Layout



Step 2

Locate and attach collars at heights given in Footing Detail. Place Ladder into footing hole and attach to collars as shown in Figure 1.1.
(See Notes A & C)

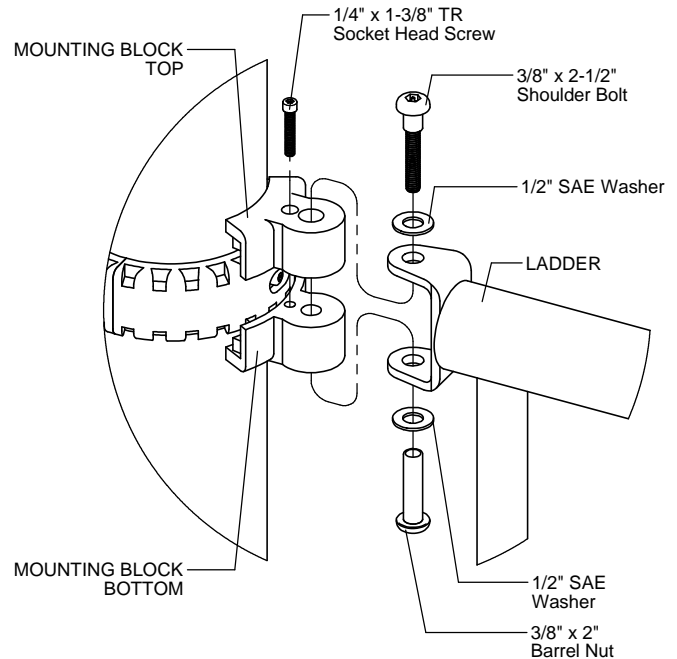


Figure 1.1

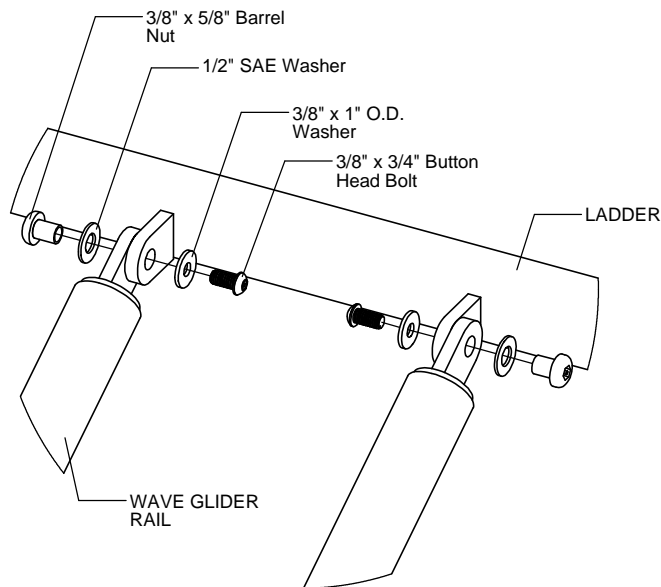


Figure 1.2

Step 3

Place each Wave Glider Rail into footing hole and attach to the Ladder as shown in Figure 1.2.
(See Note A)

Step 4

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

Step 5

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 6

Place appropriate compliant protective surfacing under and around Arched Wave Glider.
(See Note D)

Parts List

R3.5 ARCHED WAVE GLIDER BEND LEFT

Part #	DESCRIPTION	QTY
FS-1916-RLBL	Wave Glider Rail Bend Left Set	1
FS-1917-LDR	Arched Wave Glider Ladder	1
9103032-TR	Bolt Button Head 3/8" x 3/4"	2
9143112-TR	Bolt Shoulder 3/8" x 2-1/2" BH	2
9281062-5-TR	Screw Soc HD CS 1/4" x 1-3/8" TR	2
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	2
9345002	Washer Flat SAE 1/2"	6
9443022-TR	Nut Barrel 3/8" x 5/8" BH	2
9443092-TR	Nut Barrel 3/8" x 2" BH	2
GG-8110	Mounting Block 4 Top R3.5	2
GG-8111	Mounting Block 4 Bottom R3.5	2

R3.5 ARCHED WAVE GLIDER BEND RIGHT

Part #	DESCRIPTION	QTY
FS-1916-RLBR	Wave Glider Rail Bend Right Set	1
FS-1917-LDR	Arched Wave Glider Ladder	1
9103032-TR	Bolt Button Head 3/8" x 3/4"	2
9143112-TR	Bolt Shoulder 3/8" x 2-1/2" BH	2
9281062-5-TR	Screw Soc HD CS 1/4" x 1-3/8" TR	2
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	2
9345002	Washer Flat SAE 1/2"	6
9443022-TR	Nut Barrel 3/8" x 5/8" BH	2
9443092-TR	Nut Barrel 3/8" x 2" BH	2
GG-8110	Mounting Block 4 Top R3.5	2
GG-8111	Mounting Block 4 Bottom R3.5	2

R5 ARCHED WAVE GLIDER BEND LEFT

Part #	DESCRIPTION	QTY
FS-1916-RLBL	Wave Glider Rail Bend Left Set	1
FS-1917-LDR	Arched Wave Glider Ladder	1
GF-7006-B	Mounting Block R5 Bottom	2
GF-7006-T	Mounting Block R5 Top	2
9103032-TR	Bolt Button Head 3/8" x 3/4"	2
9143112-TR	Bolt Shoulder 3/8" x 2-1/2" BH	2
9281062-5-TR	Screw Soc HD CS 1/4" x 1-3/8" TR	2
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	2
9345002	Washer Flat SAE 1/2"	6
9443022-TR	Nut Barrel 3/8" x 5/8" BH	2
9443092-TR	Nut Barrel 3/8" x 2" BH	2

R5 ARCHED WAVE GLIDER BEND RIGHT

Part #	DESCRIPTION	QTY
FS-1916-RLBR	Wave Glider Rail Bend Right Set	1
FS-1917-LDR	Arched Wave Glider Ladder	1
GF-7006-B	Mounting Block R5 Bottom	2
GF-7006-T	Mounting Block R5 Top	2
9103032-TR	Bolt Button Head 3/8" x 3/4"	2
9143112-TR	Bolt Shoulder 3/8" x 2-1/2" BH	2
9281062-5-TR	Screw Soc HD CS 1/4" x 1-3/8" TR	2
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	2
9345002	Washer Flat SAE 1/2"	6
9443022-TR	Nut Barrel 3/8" x 5/8" BH	2
9443092-TR	Nut Barrel 3/8" x 2" BH	2

Specifications

ARCHED WAVE GLIDER LADDER:

Shall be fabricated using 2.375" O.D. 11 gauge steel tubing with 1.315" O.D. 12 gauge steel handle and rungs. 1/4" thick steel Clevises and 3/8" thick steel tabs will be welded to frame. Arched Wave Glider Ladder shall have a multi-stage baked-on powder coat finish.

ARCHED WAVE GLIDER RAIL:

Shall be fabricated using 1.900" O.D. 11 gauge steel tubing with welded 3/8" thick steel tab. Arched Wave Glider Rail shall have a multi-stage baked-on powder coat finish.

MOUNTING BLOCKS:

Shall be two-part and precision die-cast from a high strength aluminum alloy. The Mounting Blocks 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.



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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