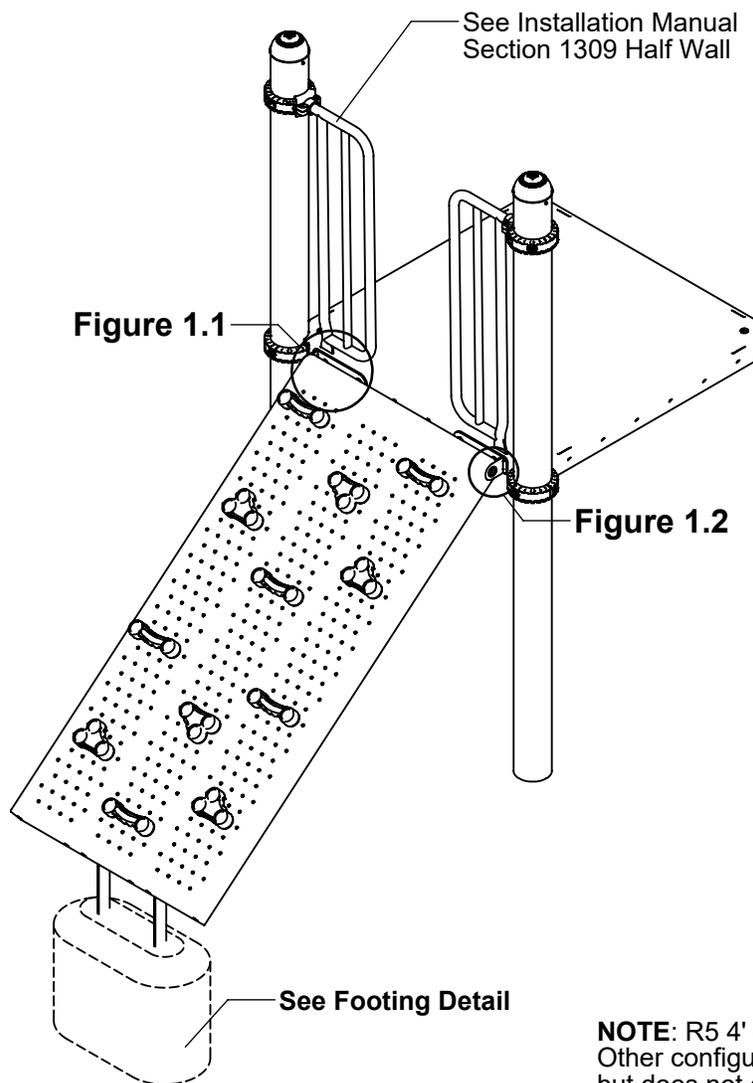


IMPORTANT NOTES: Read First

- (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 1309 Half Wall 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.

FIGURE 1
Grip Climber



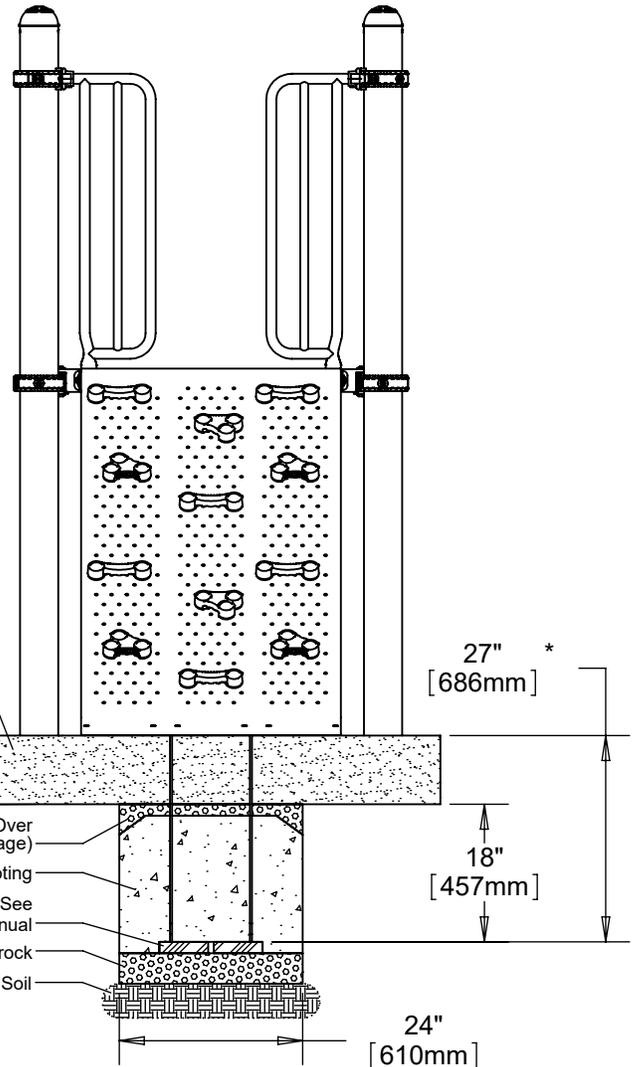
Step 1

Refer to Footing Layout and mark footing hole location. Dig (1) 12" x 24" 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.

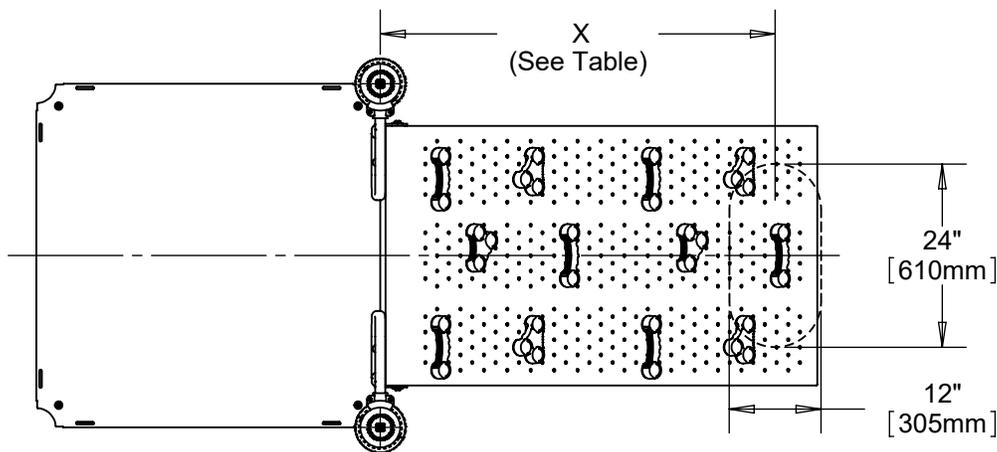
* Footing depth must be adjusted to compensate for the depth/thickness requirements of selected safety surfacing. See Section 06.1 of the Installation Manual.

Footing Detail



Footing Distance Table Center of Post to Center of Footing		
Deck Height	x (in)	x (mm)
24"	51-13/16	1315
30"	49-1/4	1251
36"	59-9/16	1513
42"	56-1/16	1424
48"	54-3/16	1376

Top View - Footing Layout



Step 2 (Factory Assembled)

FOR DELUXE GRIP CLIMBER ONLY

Attach Deluxe Grip Climber Insert to Deluxe Grip Climber Ramp as shown in Figure 2.
 (See Note A)

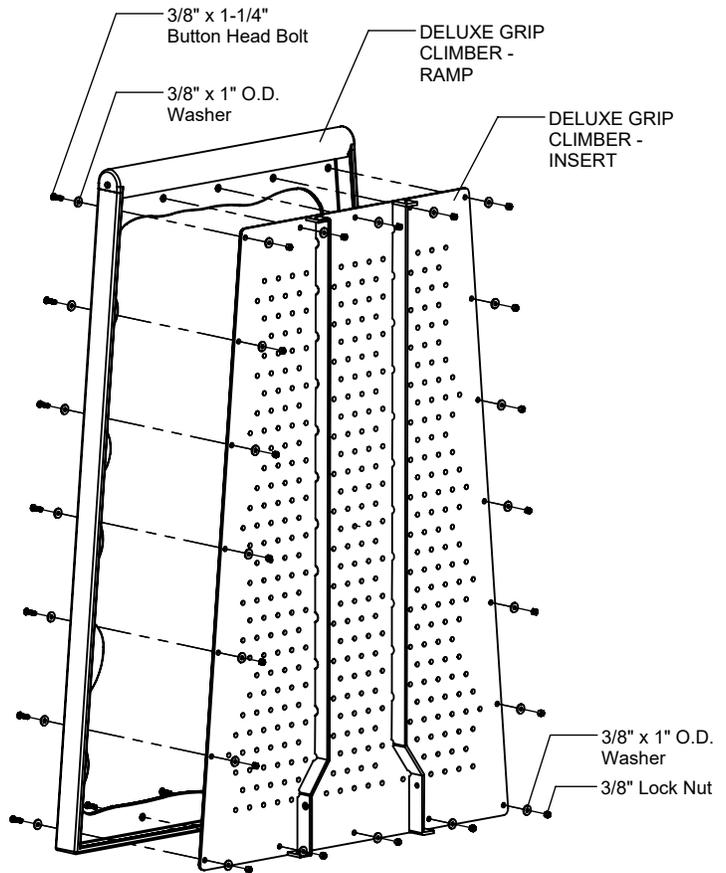


FIGURE 2

Step 3

Using Grip Climb Wall as a guide, position and attach Grip Ramp Brackets and Half Walls to deck as shown in Figure 1.1. Fully tighten Grip Ramp Brackets at this time. (See Notes A & C)

NOTE: Use (2) 3/8" x 1-1/2" Button Head Bolts included with Grip Climber assembly.

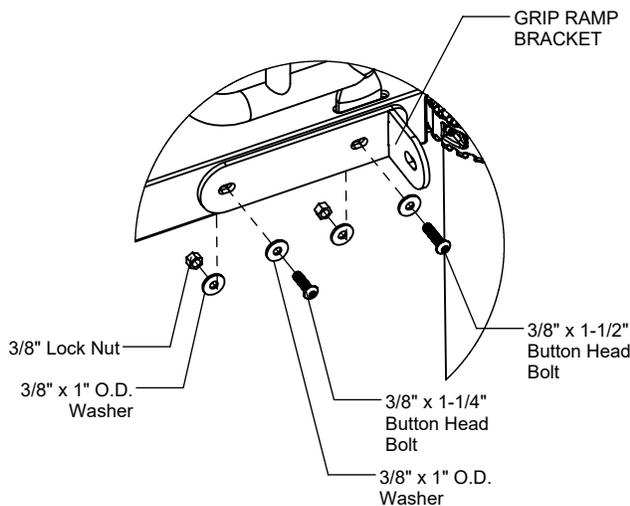


Figure 1.1

Step 4

Attach Grip Ramp Feet to Grip Climb Wall as shown in Figure 3. (See Note A)

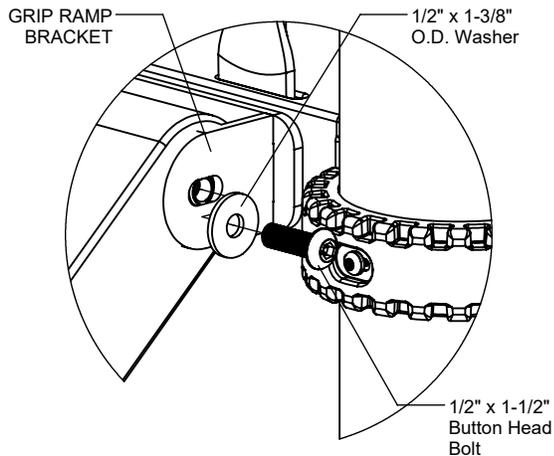


Figure 1.2

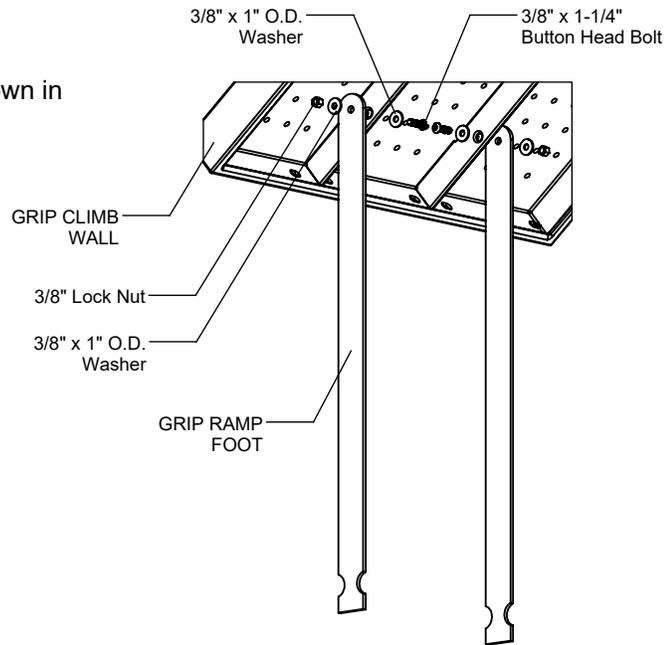


FIGURE 3

Step 5

Place Grip Ramp Feet into footing hole and attach Grip Climb Wall to Grip Ramp Brackets as shown in Figure 1.2. (See Note A)

Step 6

Locate Grips as desired and attach to Grip Climb Wall as shown in Figure 4. (See Note A)

Step 7

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

Step 8

Plumb and level entire component. Pour concrete into footing hole. Allow at least 72 hours to cure before using this equipment. (See Note B)

Step 9

Place appropriate compliant protective surfacing under and around Grip Climber. (See Note D)

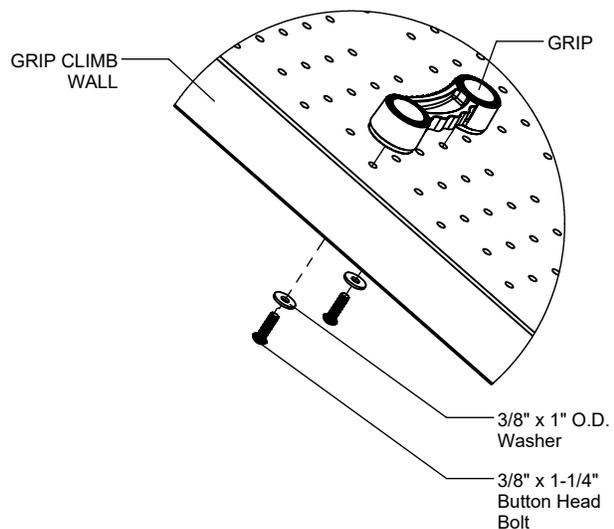


FIGURE 4

Grip Climber

24" TO 30" DECK HEIGHT PARTS LIST

Part #	DESCRIPTION	QTY
AE-4047	Grip Ramp Foot 3	2
CE-4370	Grip Climb Wall 60	1
FS-1214-BRKT	Grip Ramp Bracket	2
GE-4152	Ramp Grip 2-Hole	5
GE-4190	Ramp Grip 3-Hole	4
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	26
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	2
9105072	Bolt Button Head 1/2" x 1-1/2"	2
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	34
9335062-5	Washer Flat 1/2" x 1-3/8" OD	2
9413002	Nut Lock 3/8"	6

36" TO 48" DECK HEIGHT PARTS LIST

Part #	DESCRIPTION	QTY
AE-4047	Grip Ramp Foot 3	2
CE-4369	Grip Climb Wall 72	1
FS-1214-BRKT	Grip Ramp Bracket	2
GE-4152	Ramp Grip 2-Hole	6
GE-4190	Ramp Grip 3-Hole	6
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	34
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	2
9105072	Bolt Button Head 1/2" x 1-1/2"	2
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	42
9335062-5	Washer Flat 1/2" x 1-3/8" OD	2
9413002	Nut Lock 3/8"	6

Deluxe Grip Climber

PARTS LIST

Part #	DESCRIPTION	QTY
AE-4047	Grip Ramp Foot 3	2
FS-1214-BRKT	Grip Ramp Bracket	2
GE-4152	Ramp Grip 2-Hole	6
GE-4190	Ramp Grip 3-Hole	6
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	34
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	2
9105072	Bolt Button Head 1/2" x 1-1/2"	2
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	42
9335062-5	Washer Flat 1/2" x 1-3/8" OD	2
9413002	Nut Lock 3/8"	6

ASSEMBLED PARTS LIST

Part #	DESCRIPTION	QTY
CE-0043-I	Deluxe Grip Climber - Insert	1
CE-0043-R	Deluxe Grip Climber - Ramp	1
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	20
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	40
9413002	Nut Lock 3/8"	20

Specifications

DELUXE GRIP CLIMBER INSERT:

Shall be formed from 12 gauge punched sheet steel with a hole pattern to provide a variety of attachment points for die-cast aluminum grips. The Deluxe Grip Climber Insert shall be Play-Tuff™ coated after fabrication.

DELUXE GRIP CLIMBER RAMP:

Shall be formed from 12 gauge sheet steel with welded 2.875" O.D. 11 gauge steel tubing. The Deluxe Grip Climber Ramp shall be Play-Tuff™ coated after fabrication.

GRIP CLIMB WALL:

Shall be formed from 12 gauge punched sheet steel with welded 2.875" O.D. 11 gauge steel tubing with a hole pattern to provide a variety of attachment points for die-cast aluminum grips. The Grip Climb Wall shall be Play-Tuff™ coated after fabrication.

GRIP RAMP BRACKET:

Shall be two-part laser-cut and welded from 1/4" steel and will have a multi-stage baked-on powder coat finish.

GRIP RAMP FOOT:

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

RAMP GRIP:

Shall be one piece and precision die-cast from a high strength aluminum alloy. The Ramp Grip comes in 2-hole and 3-hole styles and finished with a vinyl coating.

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.

