

IMPORTANT NOTES: Read First

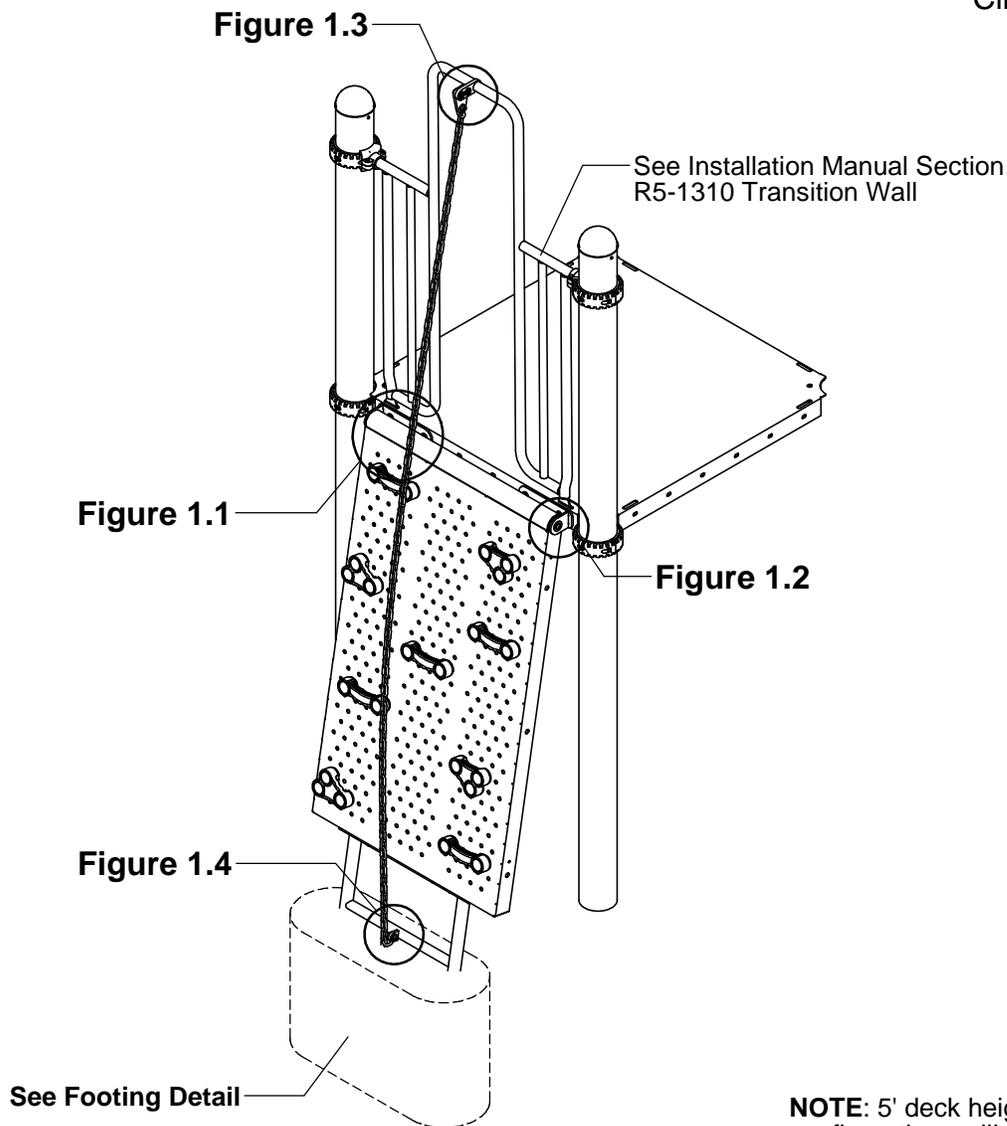
(A) Use liquid thread lock (such as Loctite®) with all threaded hardware. **Important:** Liquid thread lock (prior to curing) helps to eliminate the common problem of "thread seizure" in stainless steel hardware by serving as a lubricant during assembly.

(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 R5-1310 Transition 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
Climbing Wall



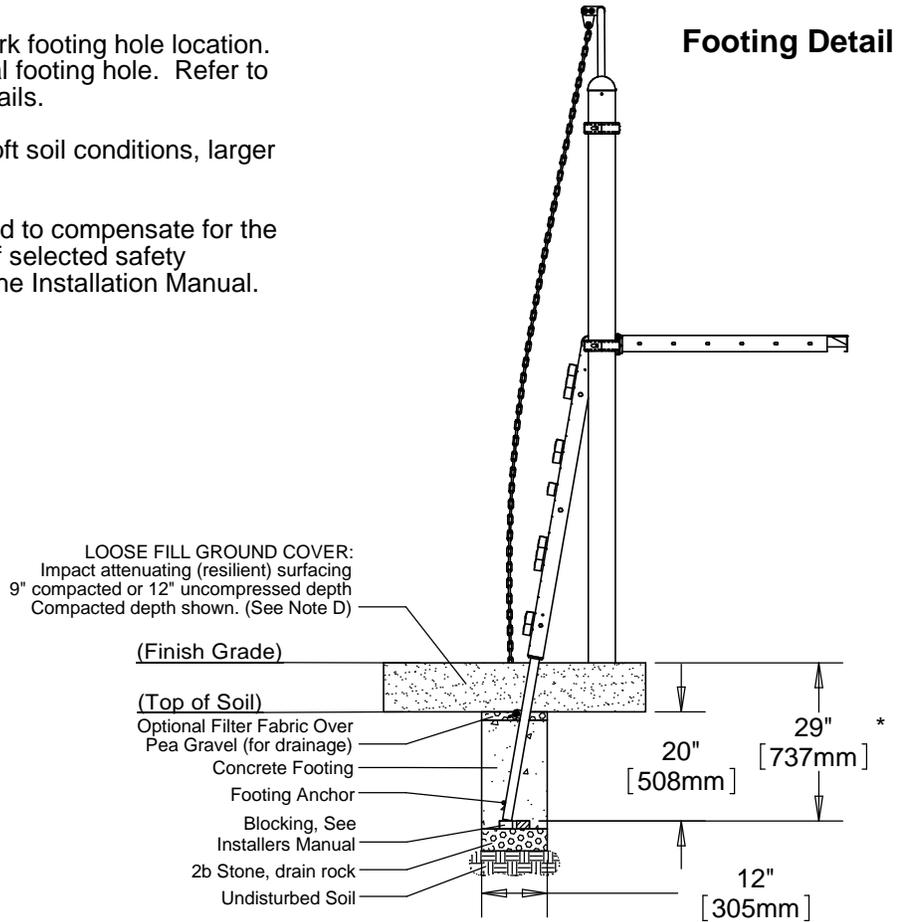
NOTE: 5' deck height shown. Other configurations will vary slightly, but does not affect assembly.

Step 1

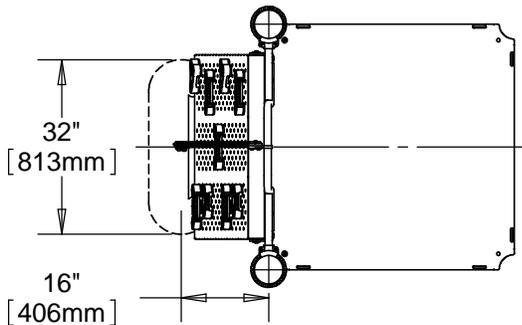
Refer to Footing Layout and mark footing hole location. Dig (1) 12" x 32" x 20" deep oval footing hole. Refer to Footing Detail for depth and details.

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

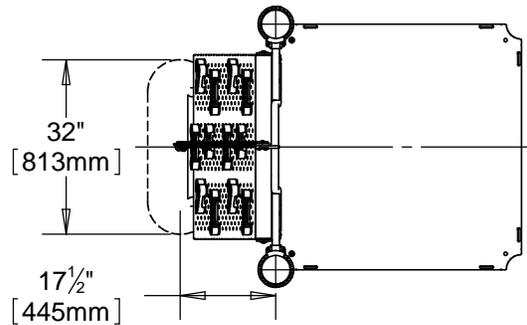
* Footing depth must be adjusted to compensate for the depth/thickness requirements of selected safety surfacing. See Section 06.1 of the Installation Manual.



60" Deck Top View - Footing Layout



72" Deck Top View - Footing Layout



Step 2 (Factory Assembled)

Attach Climb Chain Hanger to Grip Climb Wall Chain as shown in Figure 2. (See Note A)

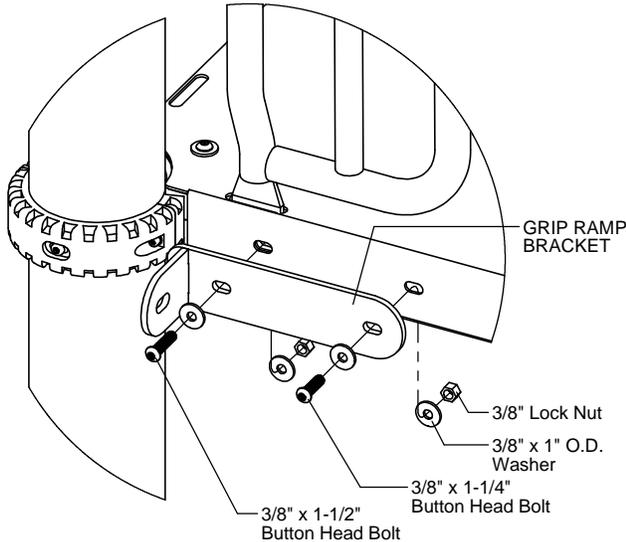


Figure 1.1

Step 4

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

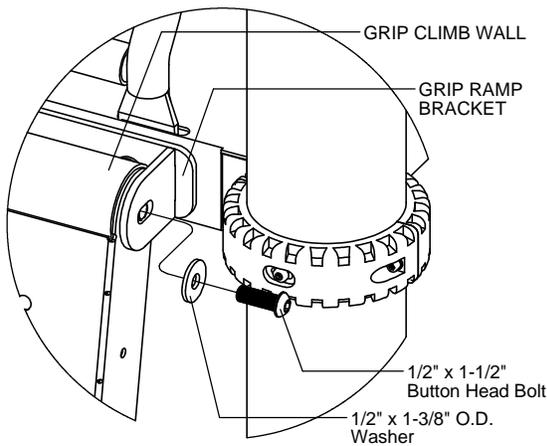


Figure 1.2

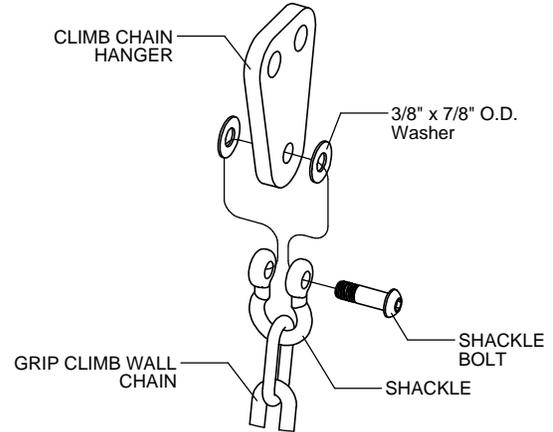


FIGURE 2

Step 3

Using Grip Climb Wall as a guide, position and attach Grip Ramp Brackets and Transition Wall 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 Climbing Wall assembly.

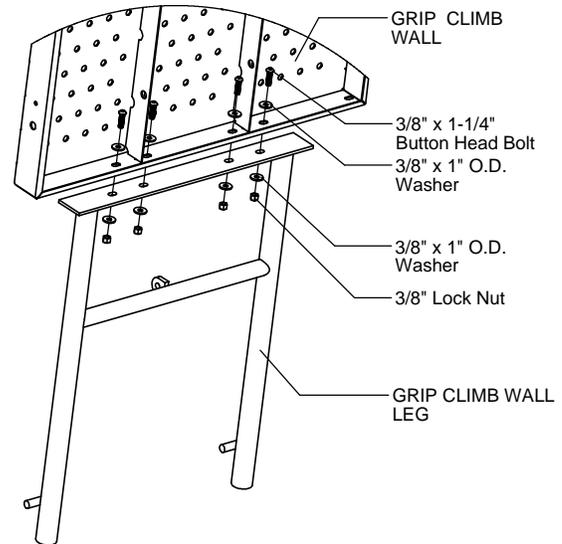


FIGURE 3

Step 5

Place Grip Climb Wall Leg 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)

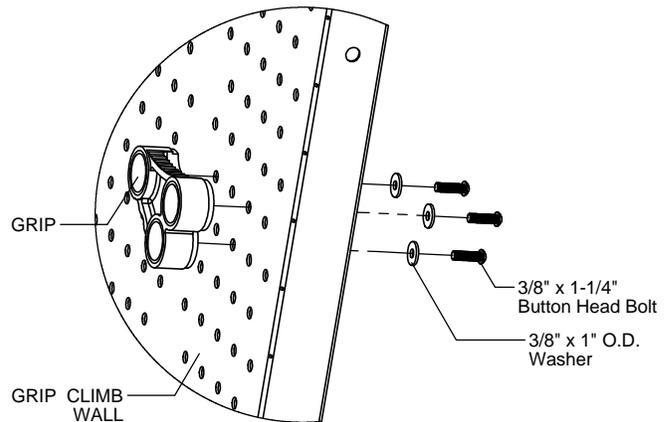


FIGURE 4

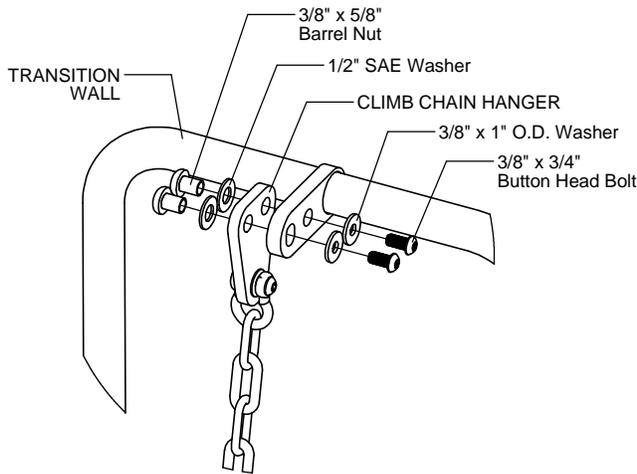


Figure 1.3

Step 7

Attach Climb Chain Hanger to Transition Wall as shown in Figure 1.3. (See Note A)

Step 8

Attach Grip Climb Wall Chain to Grip Climb Wall Leg as shown in Figure 1.4. (See Note A)

Step 9

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

Step 10

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 11

Place appropriate compliant protective surfacing under and around Climbing Wall. (See Note D)

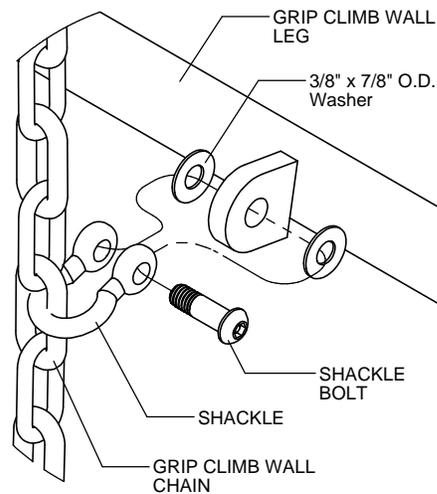


Figure 1.4

Parts List

60" DECK HEIGHT		
Part #	DESCRIPTION	QTY
CE-4370	Grip Climb Wall 60"	1
FS-1214	Grip Climb Wall Leg	1
FS-1214-BRKT	Grip Ramp Bracket	2
GE-4152	Ramp Grip 2-Hole	5
GE-4190	Ramp Grip 3-Hole	4
451165	Shackle w/Bolt	1
9103032-TR	Bolt Button Head 3/8" x 3/4"	2
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	28
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	40
9333042	Washer Flat 3/8" x 7/8" O.D.	2
9335062-5	Washer Flat 1/2" x 1-3/8" OD	2
9345002	Washer Flat SAE 1/2"	2
9413002	Nut Lock 3/8"	8
9443022-TR	Nut Barrel 3/8" x 5/8" BH	2

72" DECK HEIGHT		
Part #	DESCRIPTION	QTY
CE-4369	Grip Climb Wall 72"	1
FS-1214	Grip Climb Wall Leg	1
FS-1214-BRKT	Grip Ramp Bracket	2
GE-4152	Ramp Grip 2-Hole	6
GE-4190	Ramp Grip 3-Hole	6
451165	Shackle w/Bolt	1
9103032-TR	Bolt Button Head 3/8" x 3/4"	2
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	36
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	48
9333042	Washer Flat 3/8" x 7/8" O.D.	2
9335062-5	Washer Flat 1/2" x 1-3/8" OD	2
9345002	Washer Flat SAE 1/2"	2
9413002	Nut Lock 3/8"	8
9443022-TR	Nut Barrel 3/8" x 5/8" BH	2

Assembled Parts List

Part #	DESCRIPTION	QTY
AE-4340	Climb Chain Hanger	1
HE-4371	Grip Climb Wall Chain	1
451165	Shackle w/Bolt	1
9333042	Washer Flat 3/8" x 7/8" O.D.	2

Specifications

CLIMB CHAIN HANGER:

Shall be laser-cut from 3/8" plate steel. The Climb Chain Hanger shall have a multi-stage baked-on powder coat finish.

GRIP CLIMB WALL:

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 Grip Climb Wall will be Play-Tuff™ coated after fabrication.

GRIP CLIMB WALL CHAIN:

Shall be 5/0 galvanized low-carbon steel chain with silver shield finish. The Grip Climb Wall Chain shall be Play-Tuff™ coated.

GRIP CLIMB WALL LEG:

Shall be fabricated using 1.660" O.D. 11 gauge steel tubing welded to a 1/4" steel mounting plate and 1.315" O.D. 12 gauge steel cross member. A 3/8" steel tab will be welded to cross member. The Grip Climb Wall Leg shall have a multi-stage baked-on powder coat finish.

GRIP RAMP BRACKET:

Shall be two part laser-cut and welded 1/4" steel. The Grip Ramp Bracket shall have a multi-stage baked-on powder coat finish.

RAMP GRIP:

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

