

IMPORTANT NOTES: Read First

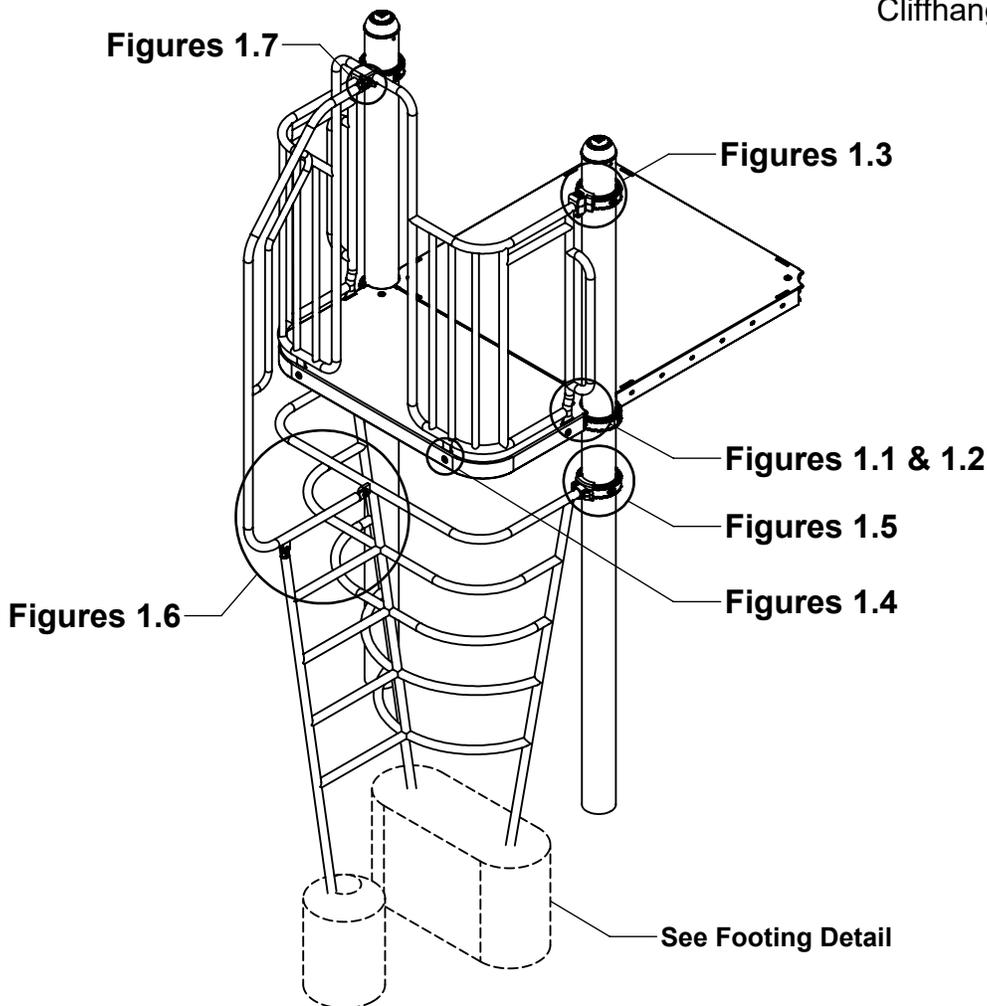
(A) Use liquid thread lock (such as Loctite®) with all threaded hardware. **Important:** Liquid thread lock (prior to curing) helps to eliminate the common problem of "thread seizure" in stainless steel hardware by serving as a lubricant during assembly.

(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, 11 Socket Clamps.

(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
Cliffhanger Climber**



NOTE: R5 6'H Cliffhanger Climber shown. Other configurations will vary slightly, but does not affect assembly.

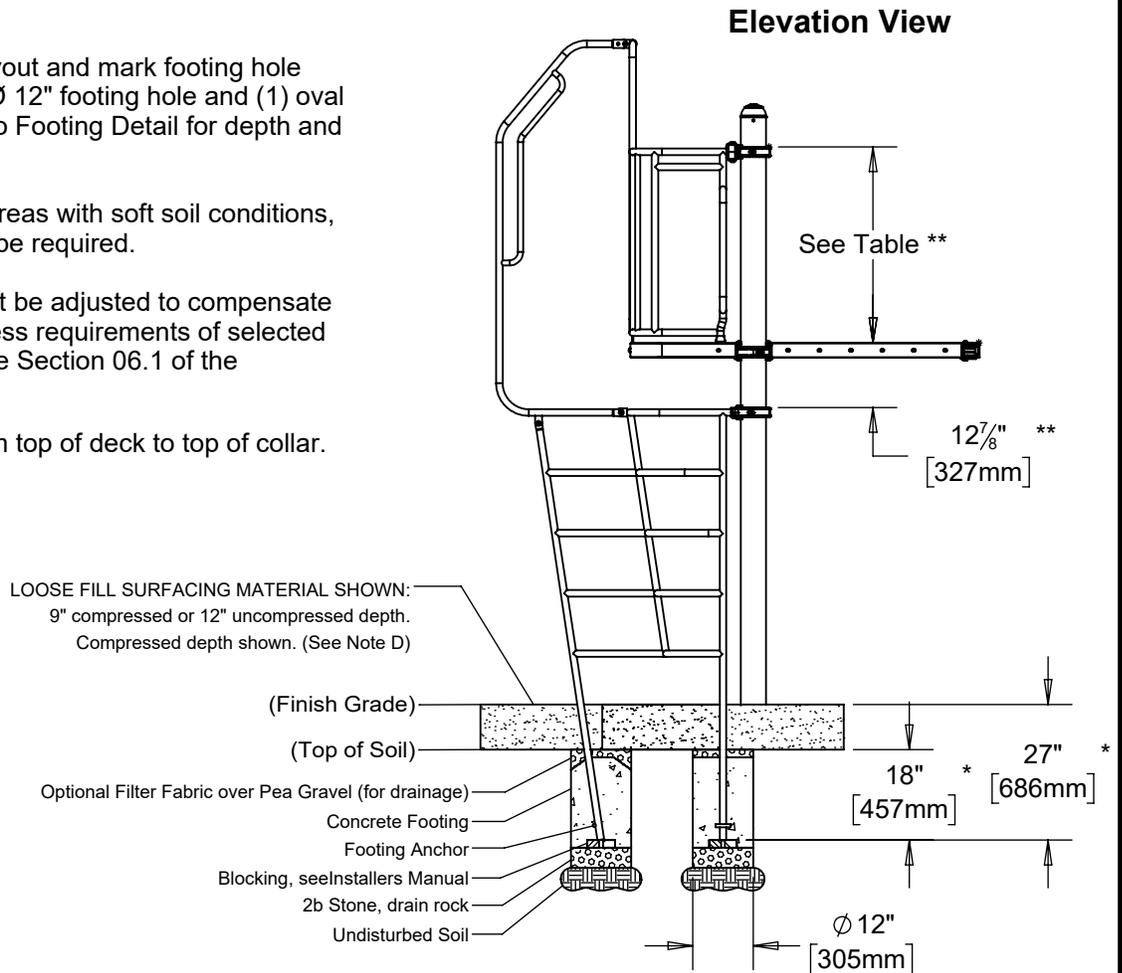
Step 1

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

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



COLLAR HEIGHT **		
Version	Standard	Metric
1289 R35/R5	39"	991mm
1289 R5 Japan	45"	1143mm

Footing Layout Table
Center of Post to Center of Footing

Deck Height	X (in.)	X (mm)	D (in.)	D (mm)
72"	31-3/8"	796	32"	813
84"	29-9/16"	751	24"	610
96"	27-3/4"	705	24"	610

Footing Distance Table
Center of Post to Center of Footing

Structure Type	Y (in.)	Y (mm)
R3.5	21"	533
R5	22-1/2"	572

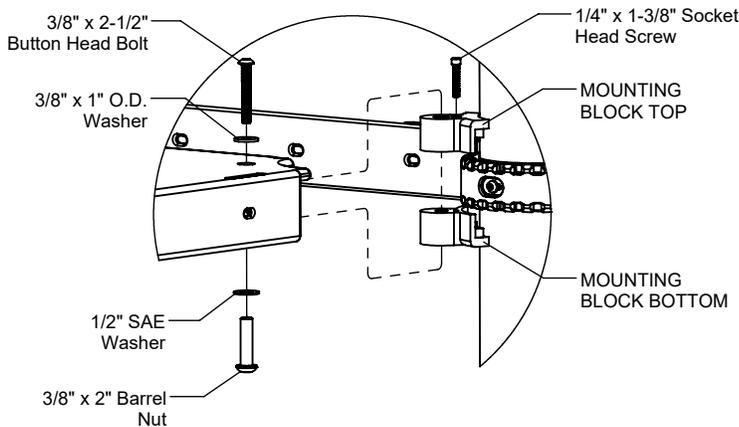
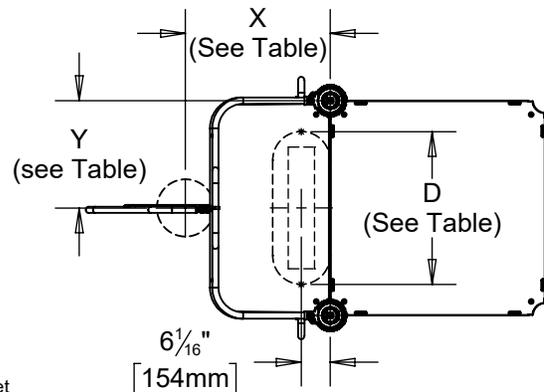


Figure 1.1

Step 3

Attach Promenade Deck to Deck as shown in Figure 1.2.
(See Note A)

Step 2

Attach Promenade Deck to collars as shown in Figure 1.1. (See Note A)

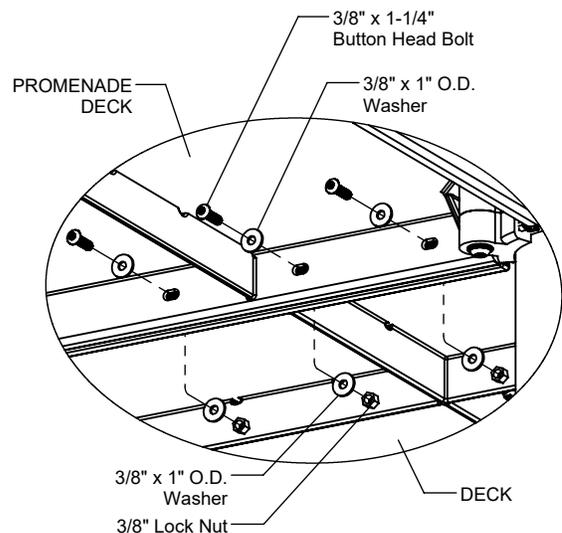


Figure 1.2

Step 4

Place Cliffhanger Climber Wall into Slot in Promenade Deck. Attach to collars as shown in Figure 1.3. (See Note A)

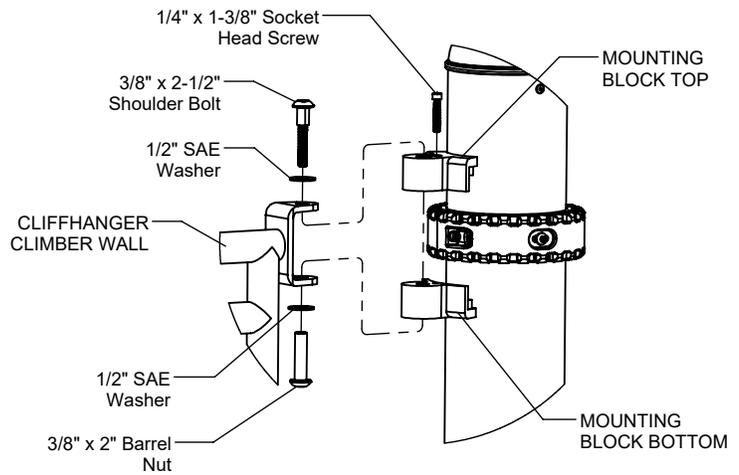


Figure 1.3

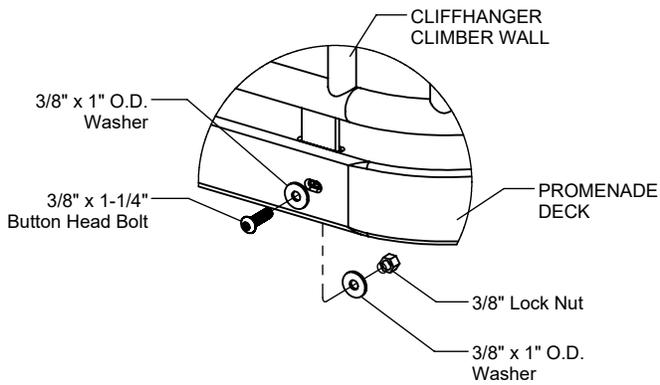


Figure 1.4

Step 5

Attach Cliffhanger Climber Wall to Promenade Deck as shown in Figure 1.4. (See Note A)

Step 6

Place Cliffhanger Climber Frame into Footing Holes and attach to posts as shown in Figure 1.5. (See Note A & C)

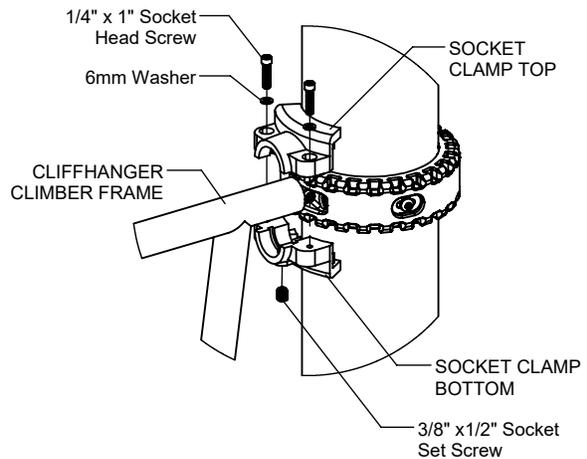


Figure 1.5

Step 7

Attach Cliffhanger Climber Handrail to Cliffhanger Climber Frame as shown in Figure 1.6.
(See Note A)

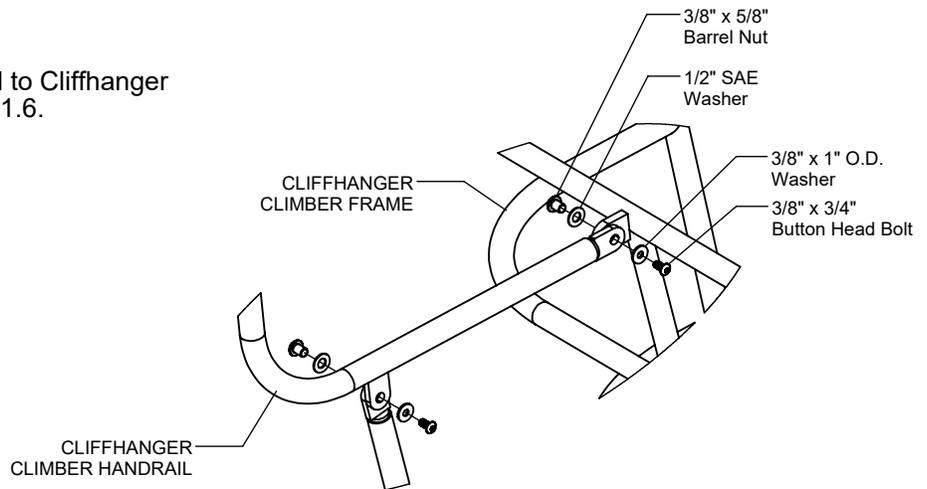


Figure 1.6

Step 8

Attach Cliffhanger Climber Handrail to Cliffhanger Climber Wall as shown in Figure 1.7. (See Note A)

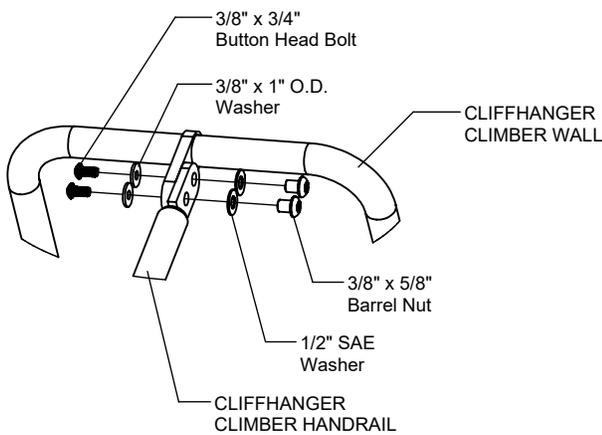


Figure 1.7

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 holes. Allow at least 72 hours to cure before using this equipment. (See Note B)

Step 11

Place required protective surfacing under and around Cliffhanger Climber. (See Note D)

CLIFFHANGER CLIMBER INSTALLATION INSTRUCTIONS

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Parts List

R5 6' High Cliffhanger Climber

Part #	DESCRIPTION	QTY
CF-0292	Promenade Deck R5	1
FS-1289-R5HRL	Cliffhanger Climber Handrail R5	
FS-1289-R5WALL	Cliffhanger Climber Transition Wall R5	1
FS-1289-6R5FRM	Cliffhanger Climber Frame 72" R5	1
GF-7006-B	Mounting Block R5 Bottom	4
GF-7006-T	Mounting Block R5 Top	4
HS-1001-R5	Socket Clamp Set R5	2
9103032-TR	Bolt Button Head 3/8" x 3/4"	4
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	10
9103112-TR	Bolt Button Head 3/8" x 2-1/2"	2
9143112-TR	Bolt Shoulder 3/8" x 2-1/2" BH	2
9281062-5-TR	Screw Soc HD 1/4" x 1-3/8"	4
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	26
9345002	Washer Flat SAE 1/2"	10
9413002	Nut Lock 3/8"	10
9443022-TR	Nut Barrel 3/8" x 5/8" BH	4
9443092-TR	Nut Barrel 3/8" x 2" BH	4

R5 7' High Cliffhanger Climber

Part #	DESCRIPTION	QTY
CF-0292	Promenade Deck R5	1
FS-1289-R5HRL	Cliffhanger Climber Handrail R5	1
FS-1289-R5WALL	Cliffhanger Climber Transition Wall R5	1
FS-1289-7R5FRM	Cliffhanger Climber Frame 84" R5	1
GF-7006-T	Mounting Block R5 Top	4
GF-7006-B	Mounting Block R5 Bottom	4
HS-1001-R5	Socket Clamp Set R5	2
9103032-TR	Bolt Button Head 3/8" x 3/4"	4
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	10
9103112-TR	Bolt Button Head 3/8" x 2-1/2"	2
9143112-TR	Bolt Shoulder 3/8" x 2-1/2" BH	2
9281062-5-TR	Screw Soc HD 1/4" x 1-3/8"	4
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	26
9345002	Washer Flat SAE 1/2"	10
9413002	Nut Lock 3/8"	10
9443022-TR	Nut Barrel 3/8" x 5/8" BH	4
9443092-TR	Nut Barrel 3/8" x 2" BH	4

R5 8' High Cliffhanger Climber

Part #	DESCRIPTION	QTY
CF-0292	Promenade Deck R5	1
FS-1289-R5HRL	Cliffhanger Climber Handrail R5	1
FS-1289-R5WALL	Cliffhanger Climber Transition Wall R5	1
FS-1289-8R5FRM	Cliffhanger Climber Frame 96" R5	1
GF-7006-T	Mounting Block R5 Top	4
GF-7006-B	Mounting Block R5 Bottom	4
HS-1001-R5	Socket Clamp Set R5	2
9103032-TR	Bolt Button Head 3/8" x 3/4"	4
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	10
9103112-TR	Bolt Button Head 3/8" x 2-1/2"	2
9143112-TR	Bolt Shoulder 3/8" x 2-1/2" BH	2
9281062-5-TR	Screw Soc HD 1/4" x 1-3/8"	4
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	26
9345002	Washer Flat SAE 1/2"	10
9413002	Nut Lock 3/8"	10
9443022-TR	Nut Barrel 3/8" x 5/8" BH	4
9443092-TR	Nut Barrel 3/8" x 2" BH	4

R35 6' High Cliffhanger Climber

Part #	DESCRIPTION	QTY
CG-8292	Promenade Deck R3.5	1
FS-1289-6R35FRM	Cliffhanger Climber Frame 72" R35	1
FS-1289-R35WALL	Cliffhanger Climber Transition Wall R3.5	1
FS-1289-R5HRL	Cliffhanger Climber Handrail R5	1
GG-8110	Mounting Block 4 Top R3.5	4
GG-8111	Mounting Block 4 Bottom R3.5	4
HS-1001-R35	Socket Clamp Set R3.5	2
9103032-TR	Bolt Button Head 3/8" x 3/4"	4
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	10
9103112-TR	Bolt Button Head 3/8" x 2-1/2"	2
9143112-TR	Bolt Shoulder 3/8" x 2-1/2" BH	2
9281062-5-TR	Screw Soc HD 1/4" x 1-3/8"	4
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	26
9345002	Washer Flat SAE 1/2"	10
9413002	Nut Lock 3/8"	10
9443022-TR	Nut Barrel 3/8" x 5/8" BH	4
9443092-TR	Nut Barrel 3/8" x 2" BH	4



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CLIFFHANGER CLIMBER INSTALLATION INSTRUCTIONS

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Parts List

R5 7' High Cliffhanger Climber JPFA		
Part #	DESCRIPTION	QTY.
CF-0292	Promenade Deck R5	1
GF-7006-B	Mounting Block R5 Bottom	4
GF-7006-T	Mounting Block R5 Top	4
FS-1289-R5WALL-TALL-JPN	Cliffhanger Climber Transition Wall R5 Tall - Japan	1
FS-1289-R5HRL	Cliffhanger Climber Handrail R5	1
FS-1289-7R5FRM	Cliffhanger Climber Frame 84" R5	1
HS-1001-R5	Socket Clamp Set R5	2
9103032-TR	Bolt Button Head 3/8" x 3/4"	4
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	10
9103112-TR	Bolt Button Head 3/8" x 2-1/2"	2
9143112-TR	Bolt Shoulder 3/8" x 2-1/2" BH	2
9281062-5-TR	Screw Soc HD 1/4" x 1-3/8"	4
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	26
9345002	Washer Flat SAE 1/2"	10
9413002	Nut Lock 3/8"	10
9443022-TR	Nut Barrel 3/8" x 5/8" BH	4
9443092-TR	Nut Barrel 3/8" x 2" BH	4

Specifications

CLIFFHANGER CLIMBER FRAME:

Shall be fabricated using 1.315" O.D. 12 gauge steel tubing with welded 1/2" thick steel tabs and 3/8" thick steel tabs and will have a multi-stage baked-on powder coat finish.

CLIFFHANGER CLIMBER HANDRAIL:

Shall be fabricated using 1.315" O.D. 12 gauge steel tubing with welded 1.029" O.D. 14 gauge steel handle and 3/8" thick steel tabs and will have a multi-stage baked-on powder coat finish.

CLIFFHANGER CLIMBER WALL:

Shall be fabricated using 1.315" O.D. 12 gauge steel tubing with welded 1.029" O.D. 14 gauge steel rails, 1/4" thick steel mounting clevises, 1/4" thick steel tabs, and 1/2" thick steel tab and will have a multi-stage baked-on powder coat finish.

PROMENADE DECK:

Shall be fabricated using punched, formed, and welded 12 gauge sheet. The Promenade Deck shall be Play-Tuff™ coated after fabrication.

SOCKET CLAMPS & MOUNTING BLOCKS:

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



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