

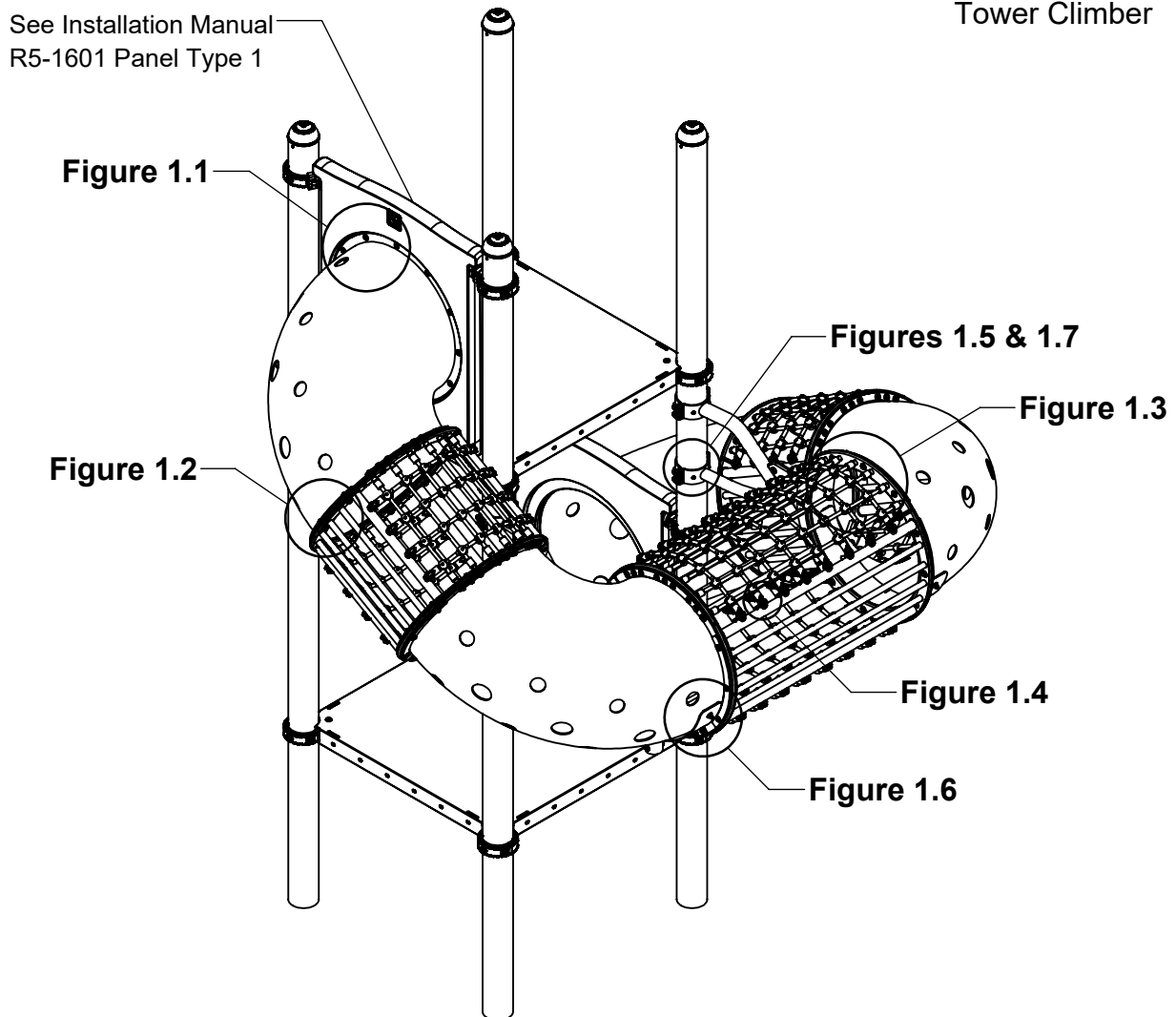
IMPORTANT NOTES: Read First

(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) Refer to Installation Manual for R5-1601 Panel Type 1 installation instructions.

(C) 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
180° Crawl-Netix
Tower Climber



NOTE: Right Tower configuration shown. Other configurations will vary slightly, but does not affect assembly.

Step 1

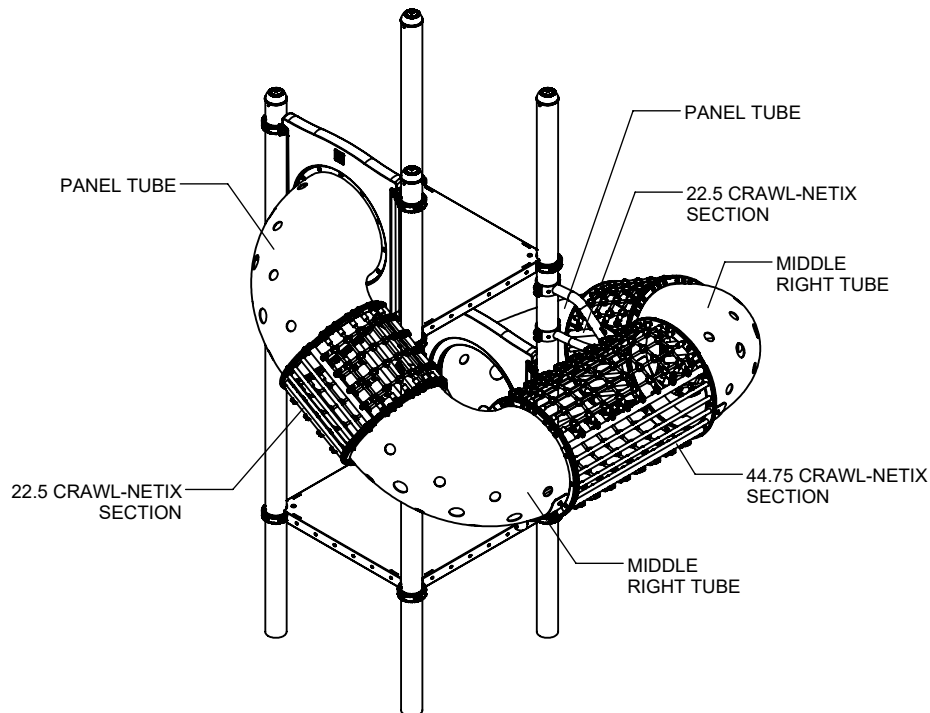
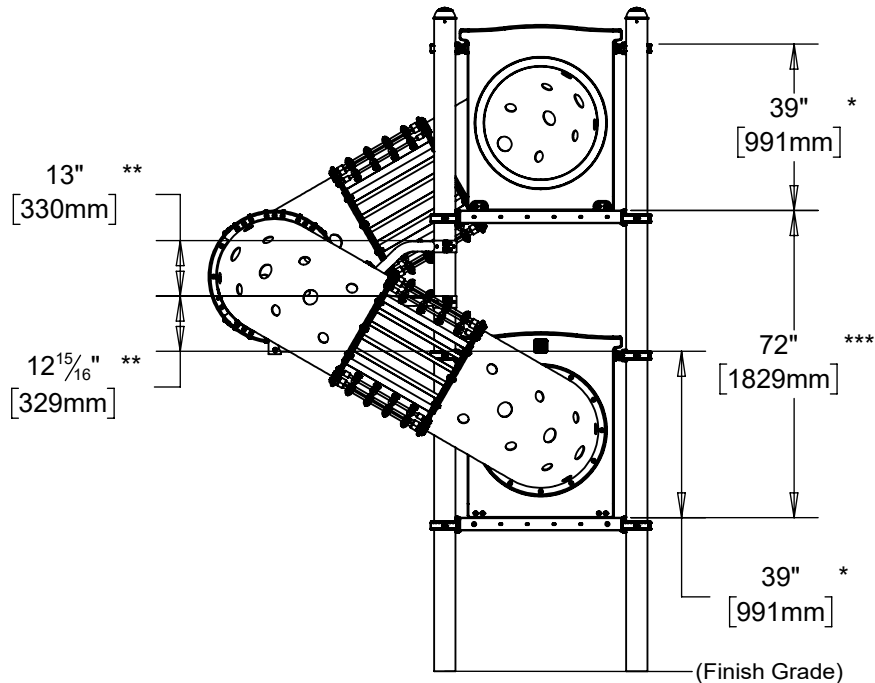
Locate and attach collars at heights shown in Elevation View. (See Note B)

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

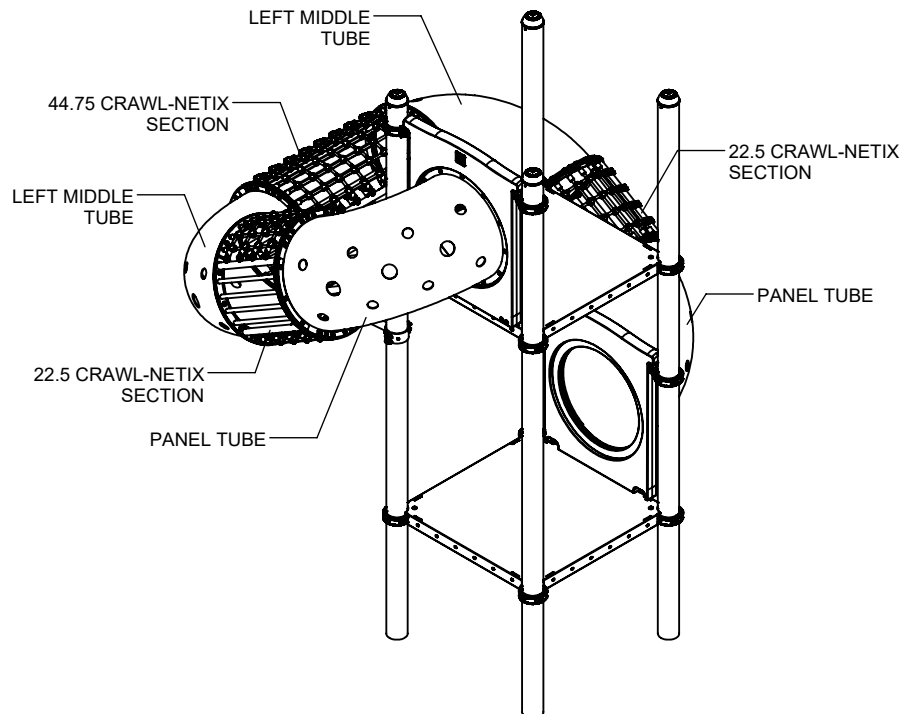
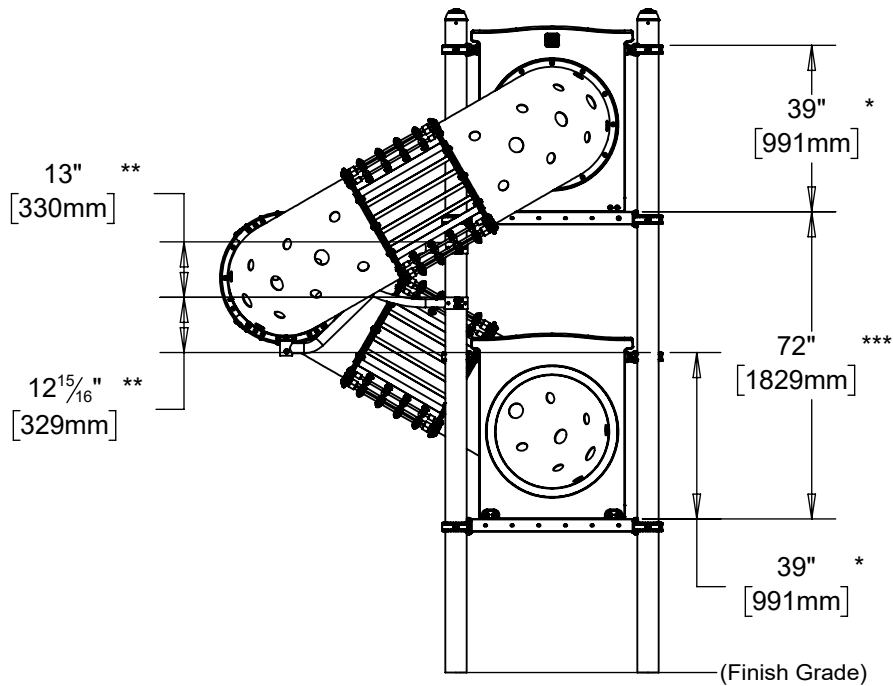
** Height shown from top of collar to top of collar.

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

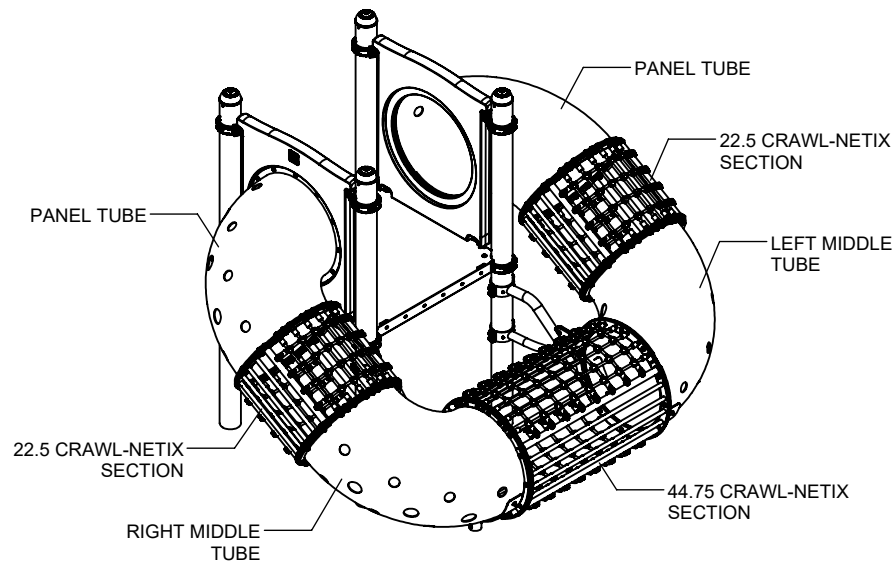
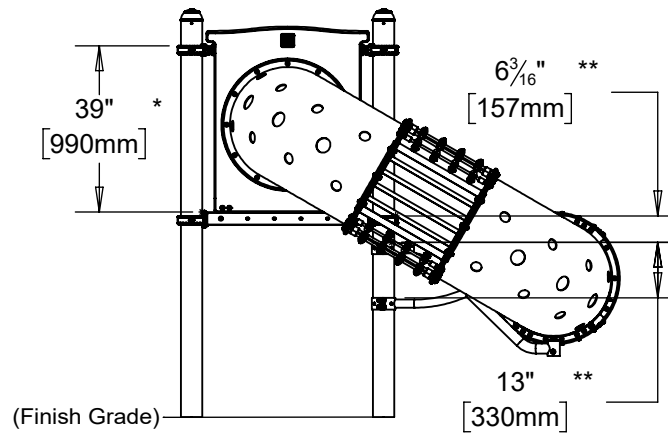
**Elevation View
Right Tower Climber**



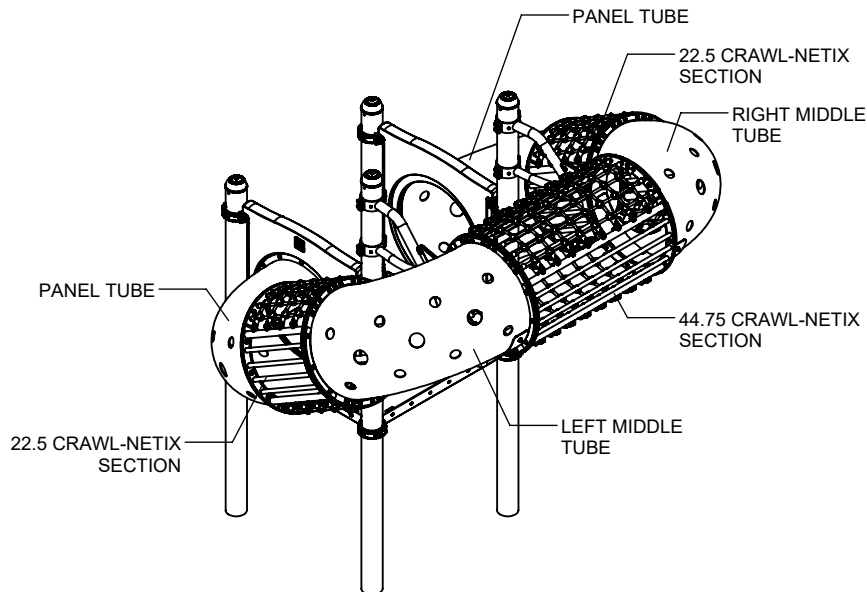
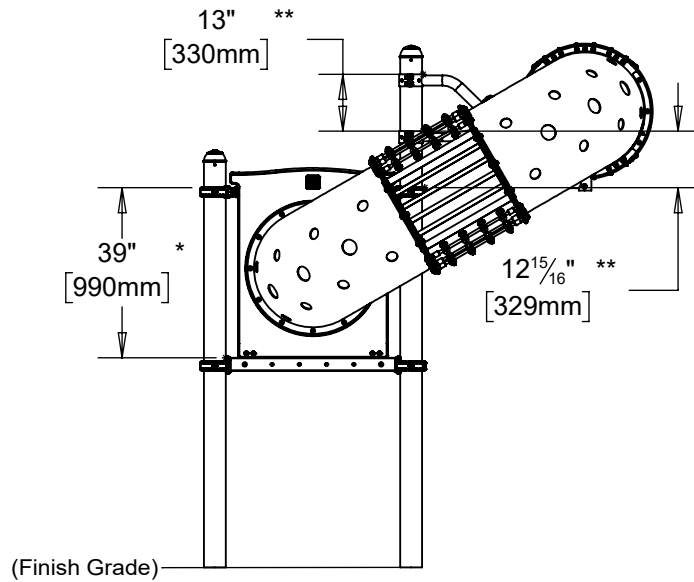
**Elevation View
Left Tower Climber**



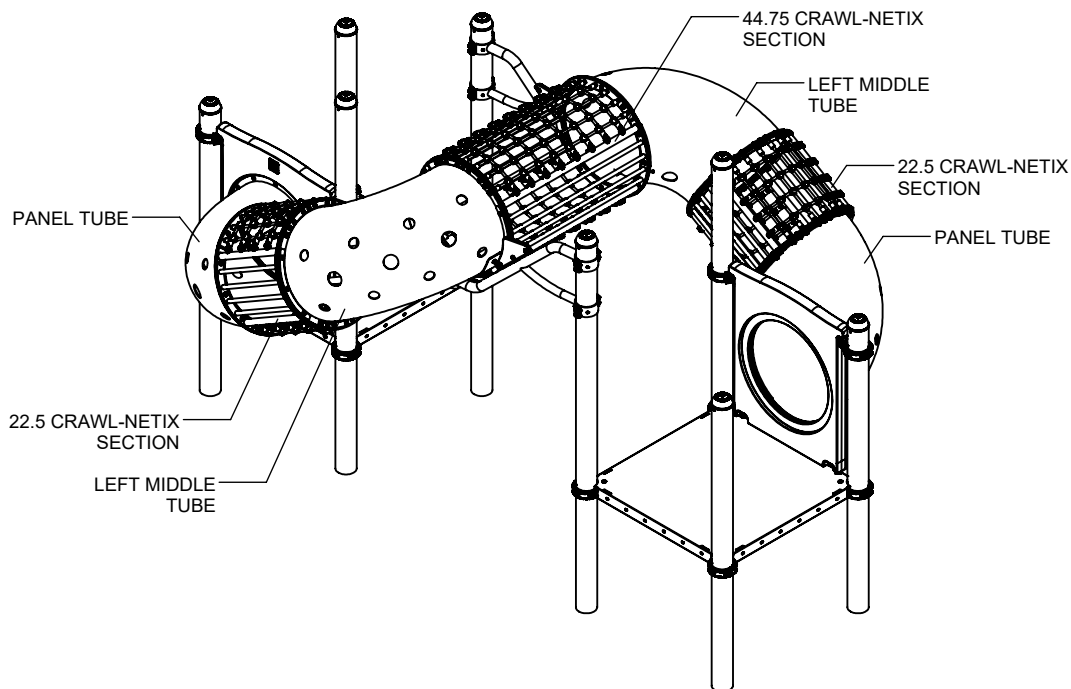
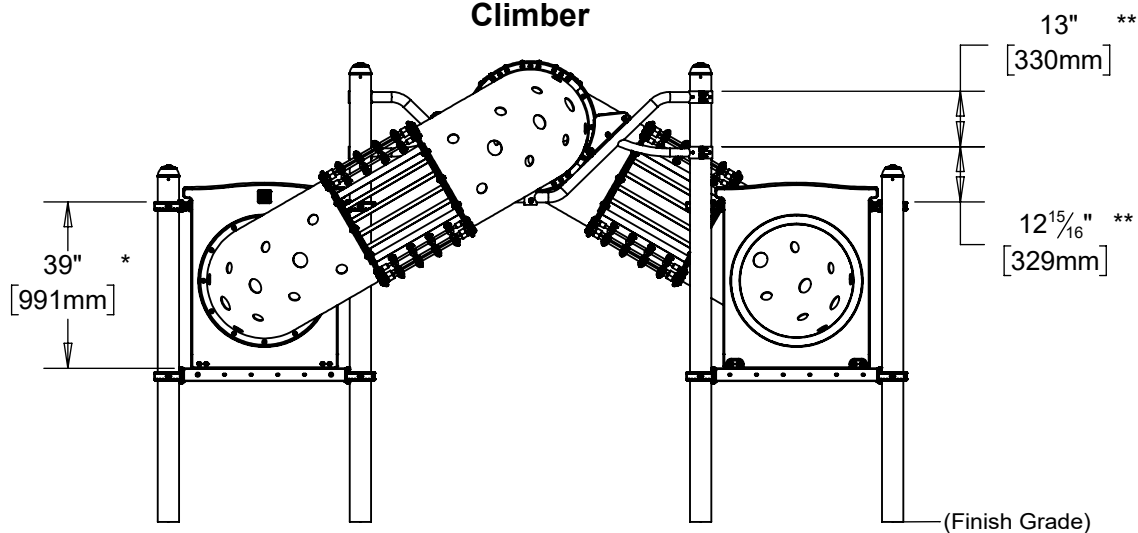
**Elevation View
 Catwalk Climber Down**



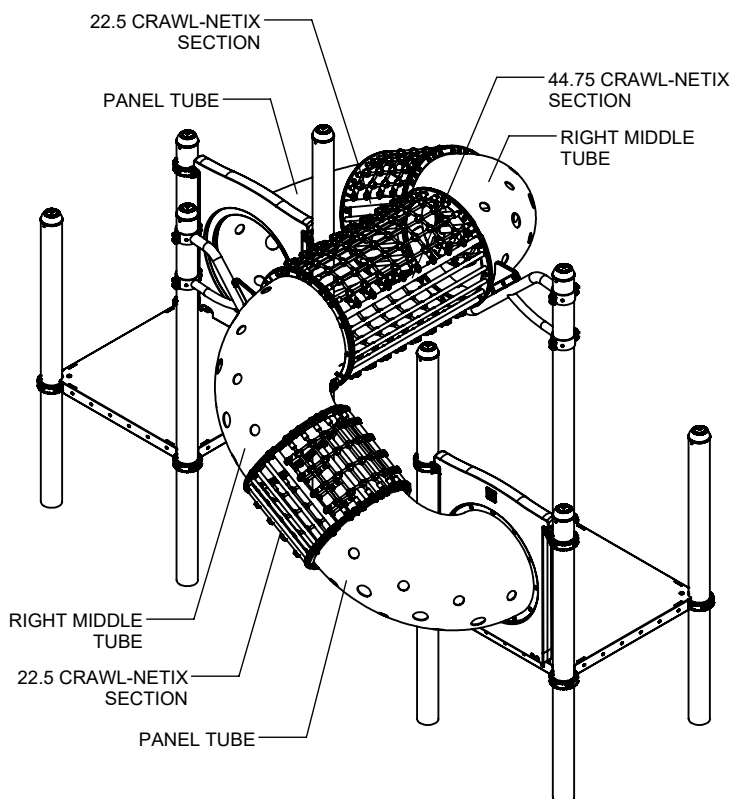
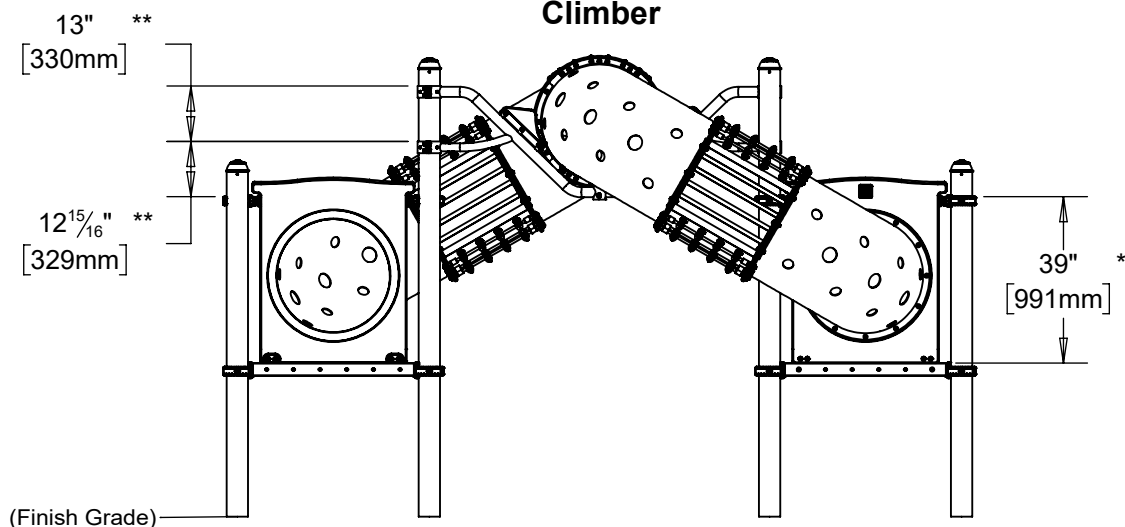
Elevation View Catwalk Climber Up



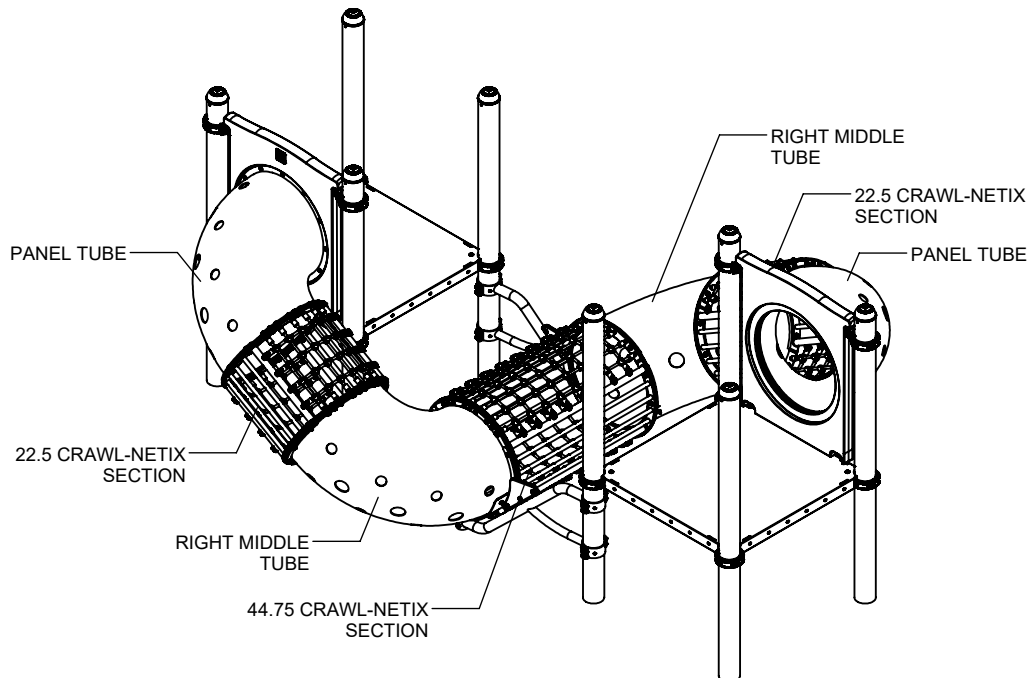
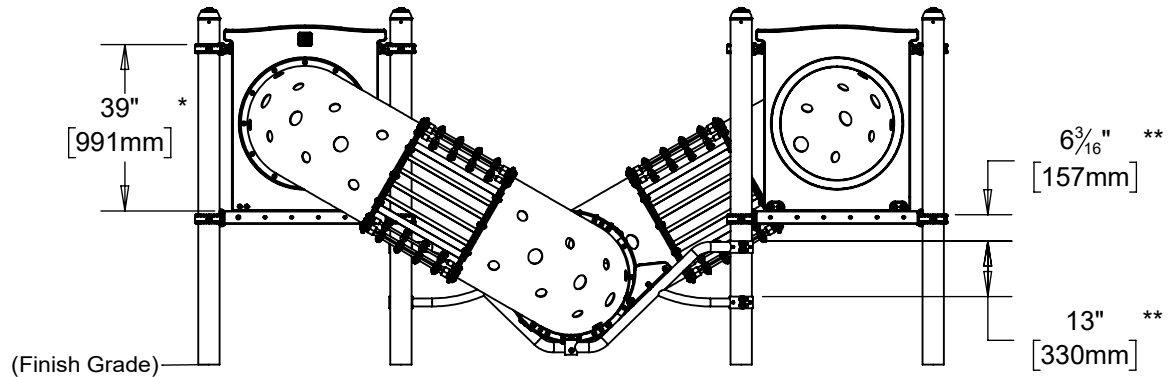
Elevation View Left Boost S-Shaped Climber



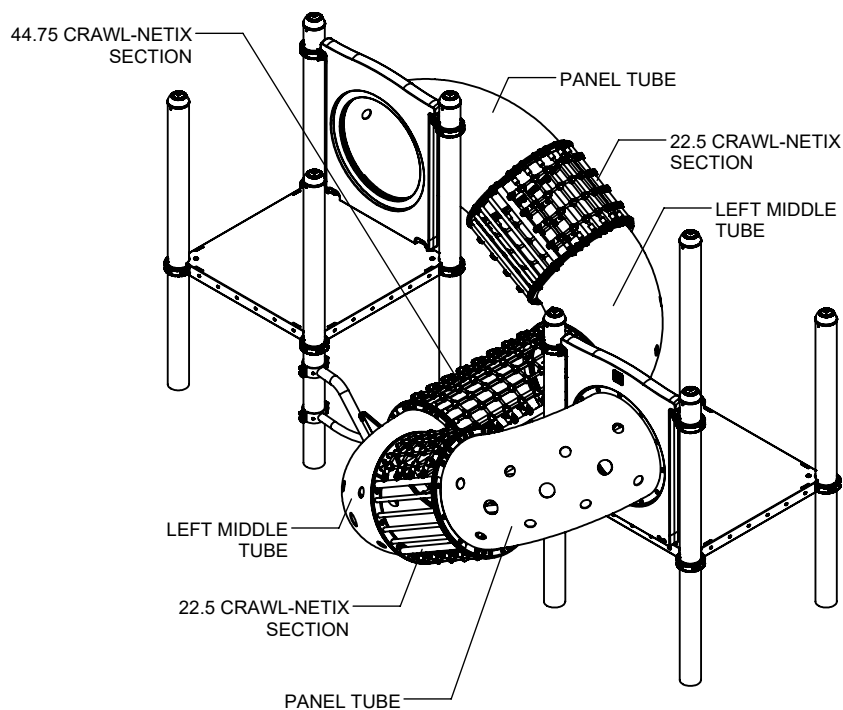
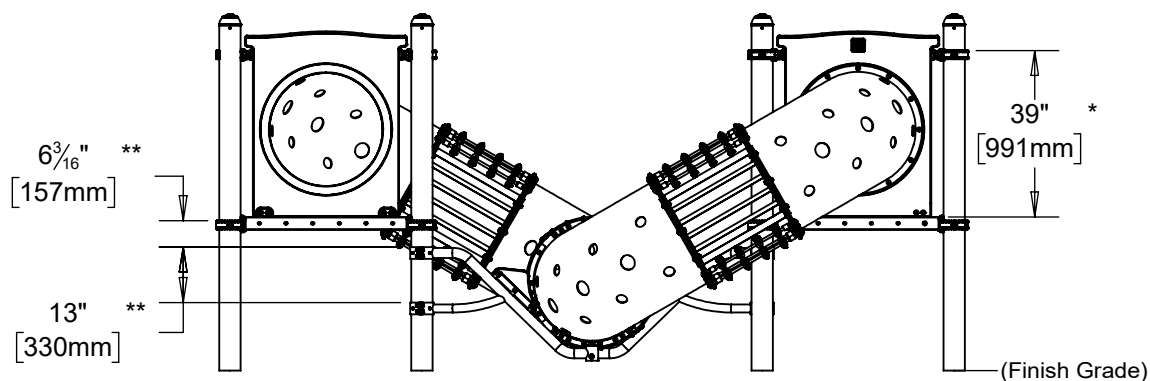
Elevation View Right Boost S-Shaped Climber



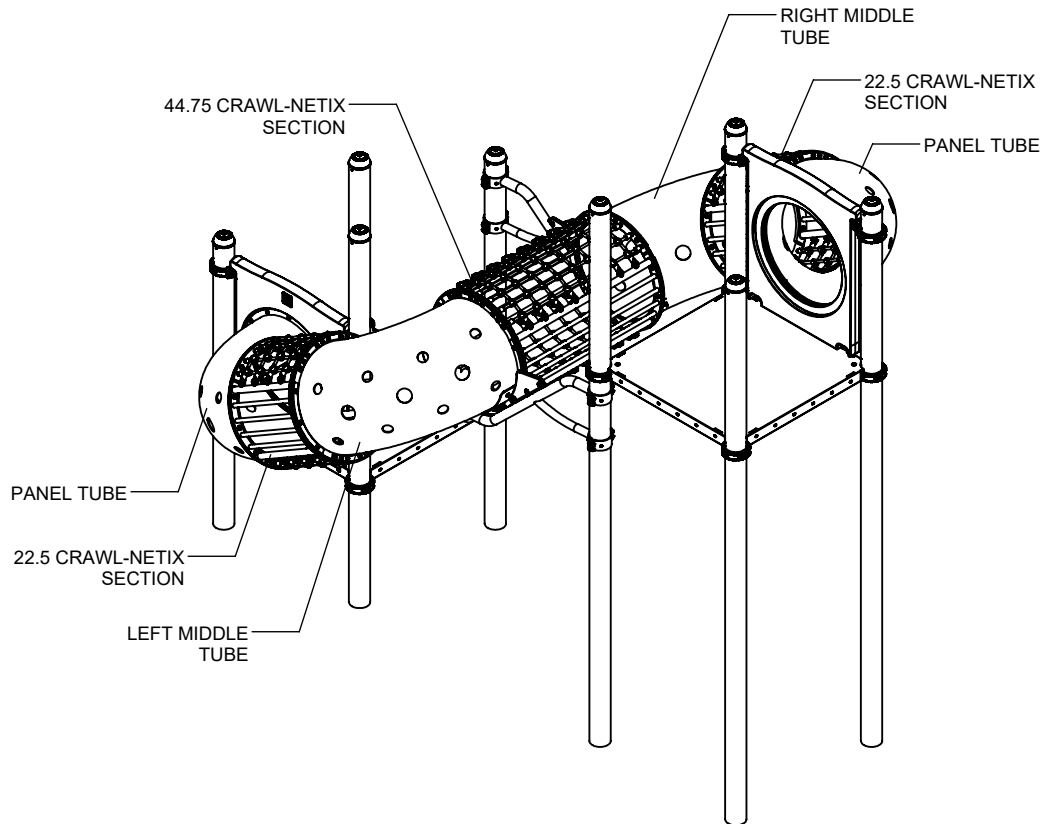
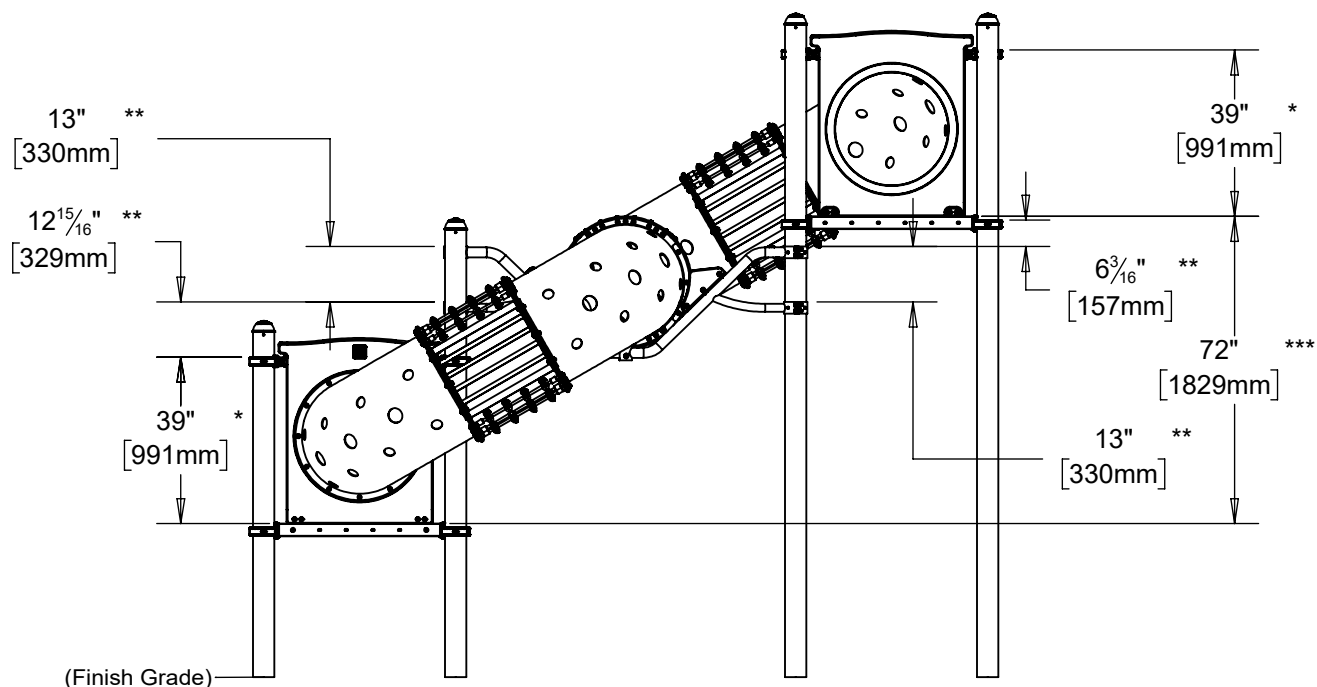
**Elevation View
 Left Dip S-Shaped
 Climber**



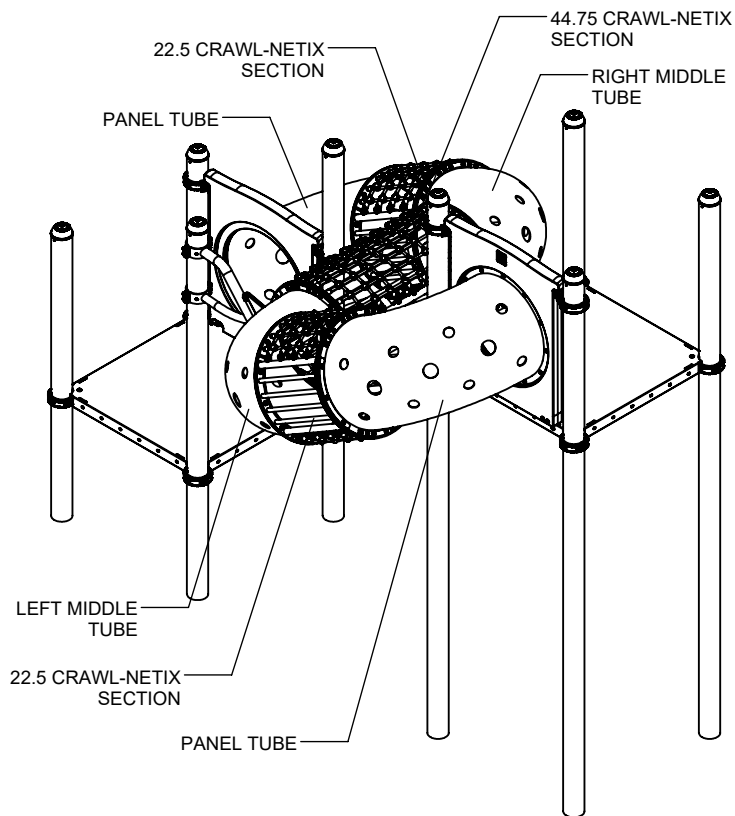
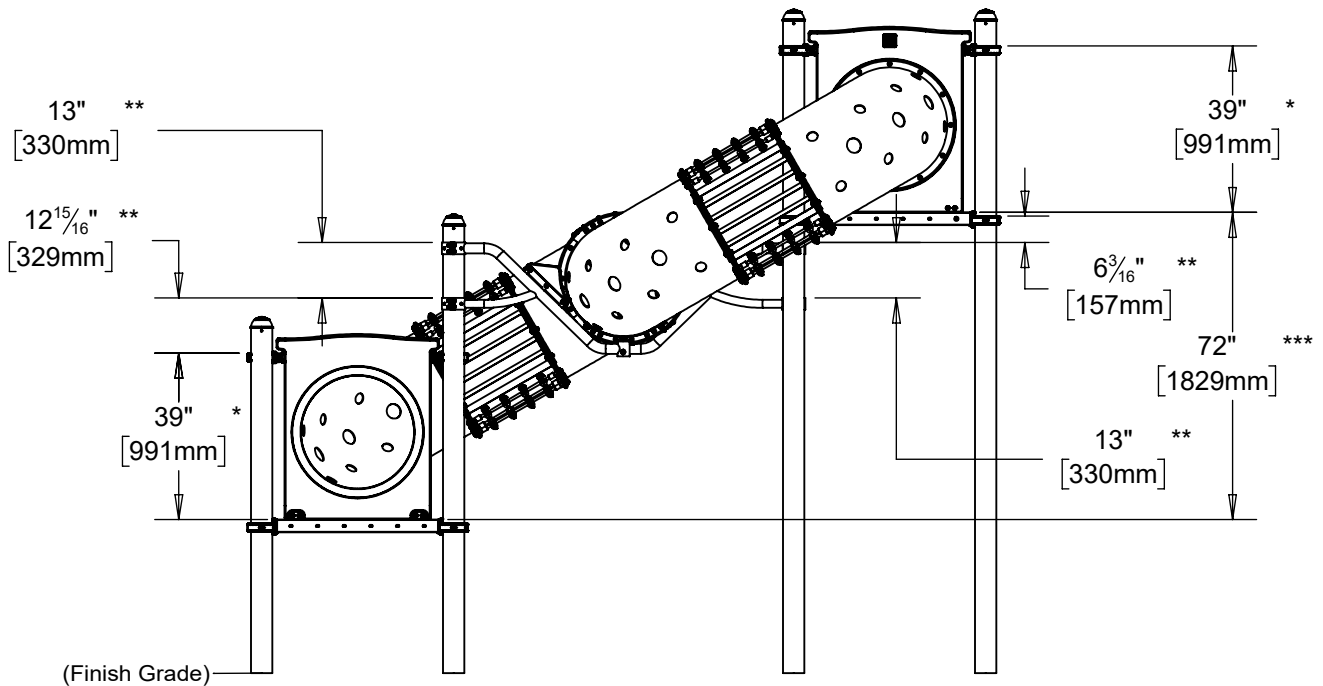
**Elevation View
Right Dip S-Shaped
Climber**



Elevation View Left Inclined S-Shaped Climber



Elevation View Right Inclined S-Shaped Climber



Step 2

Attach 90° Crawl Tube Elbow to Roto Panel Round as shown in Figure 1.1. Refer to Elevation View for relative Crawl Tube rotation on each panel. (See Note A)

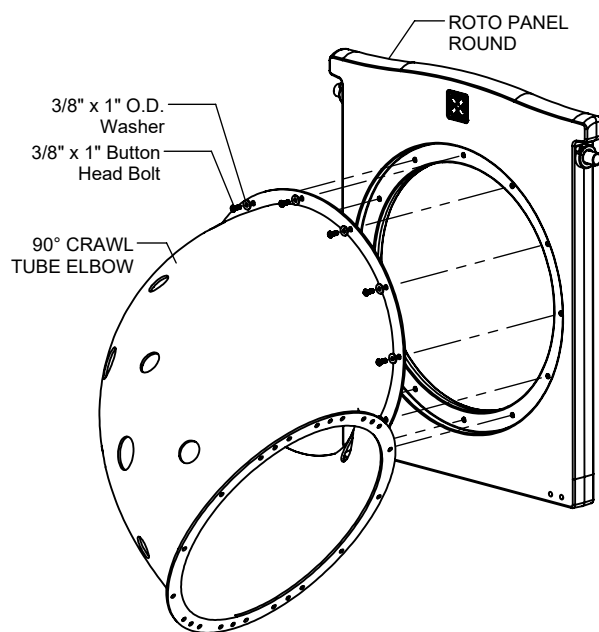


Figure 1.1

Step 3

Attach Rail Section to Tube as shown in Figure 1.2. (See Note A)

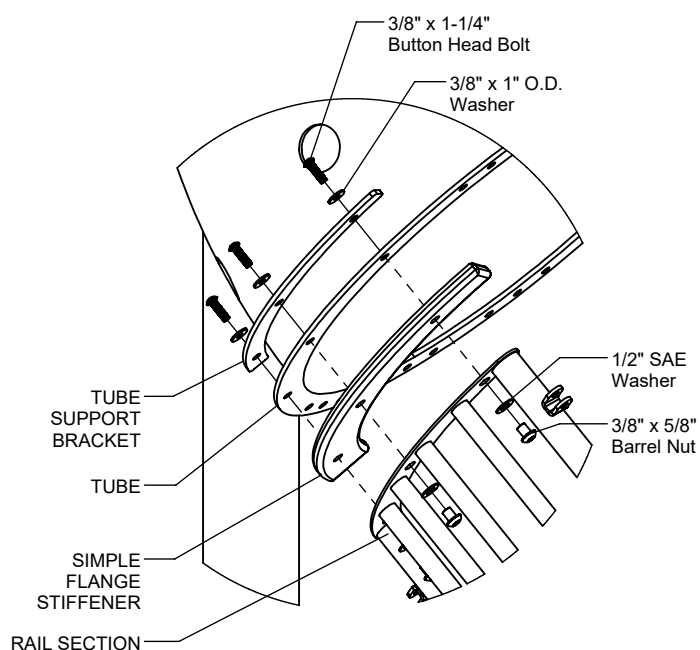


Figure 1.2

Step 4

Attach Climber Net to Tube as shown in Figure 1.3. (See Note A)

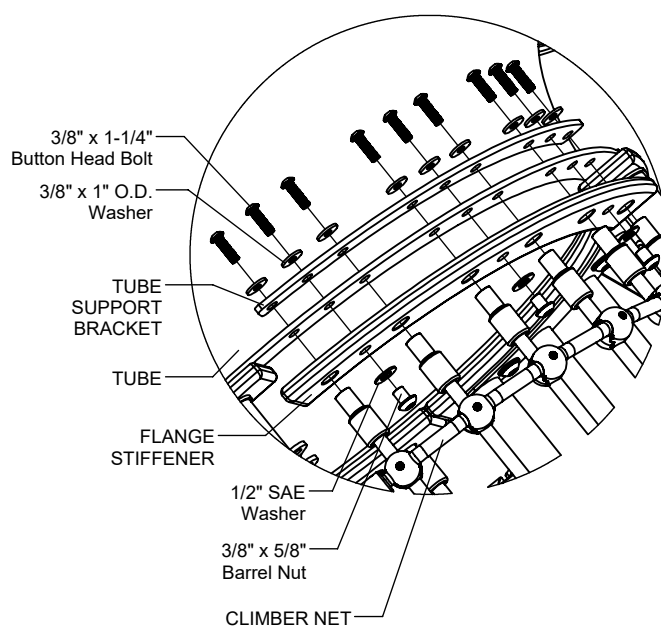


Figure 1.3

Step 5

Attach each Ferrule to Rail Section as shown in Figure 1.4. (See Note A)

NOTE: Ensure exposed bolt ends are installed below the horizontal with no more than 2 threads exposed beyond the lock nut.

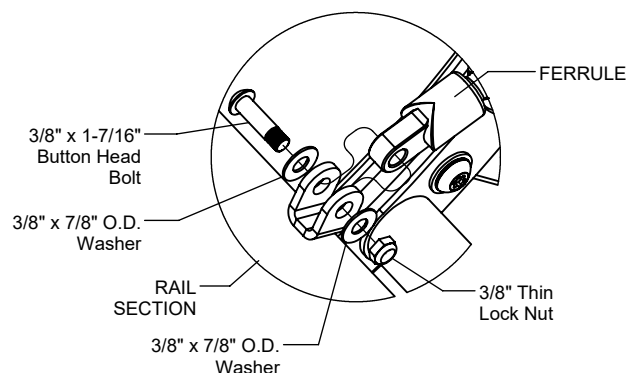


Figure 1.4

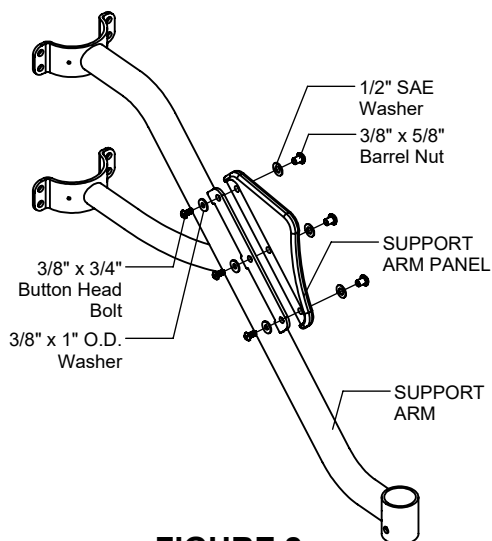


FIGURE 2

Step 6

Attach Support Arm Panel to Support Arm as shown in Figure 2. (See Note A)

Step 7

Attach Tube Clamp Arch to Support Arm as shown in Figure 3. (See Note A)

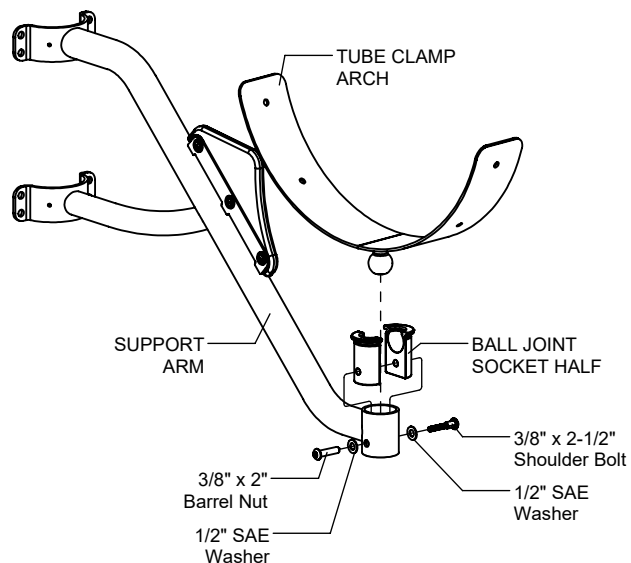


FIGURE 3

Step 8

Attach Support Arm to Post as shown in Figure 1.5. (See Note A)

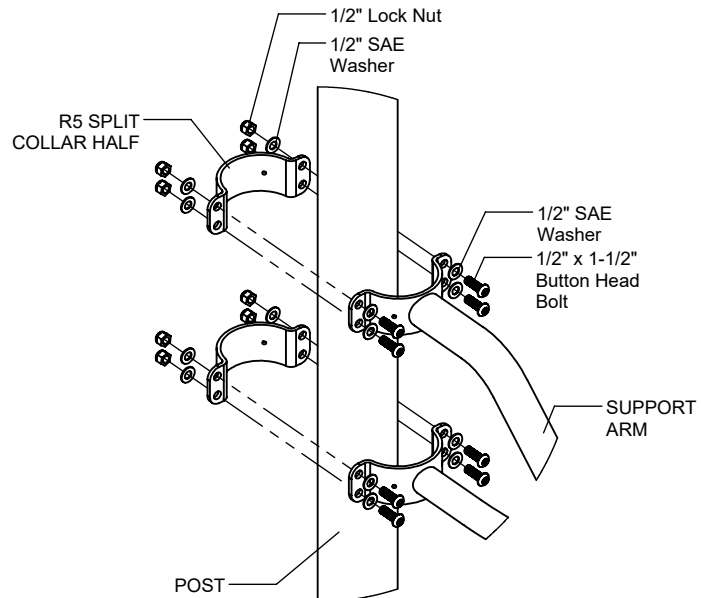


Figure 1.5

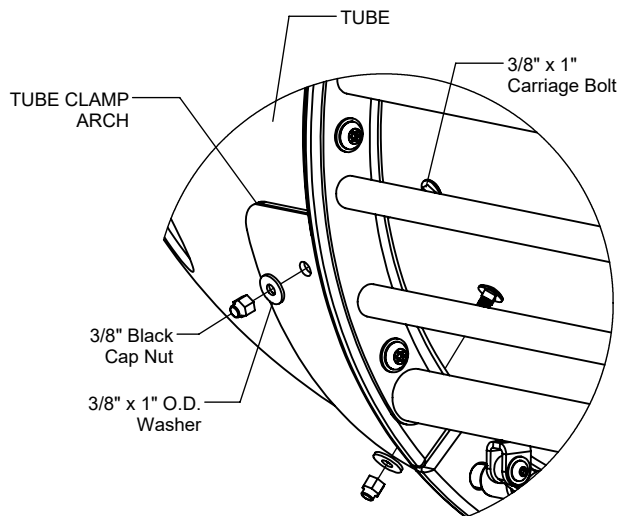


Figure 1.6

Step 9

Attach Tube Clamp Arch to Tube as shown in Figure 1.6. (See Note A)

NOTE: Use Tube Clamp Arch to match drill \varnothing 3/8" holes and hammer Carriage Bolts flush to inside wall of crawl tube.

Step 10

Tek Screw the Support Arm to Post as shown in Figure 1.7. (See Note A)

Step 11

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

Step 12

Place required protective surfacing under and around 180° Crawl-Netix Climber. (See Note C)

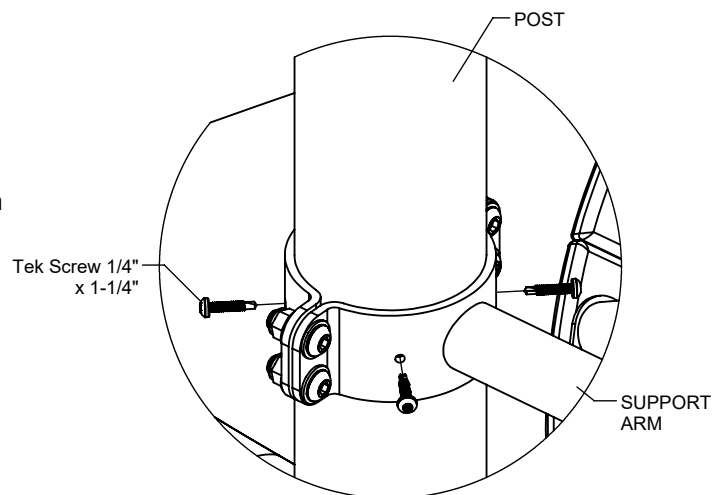


Figure 1.7

180° CRAWL-NETIX CLIMBERS

INSTALLATION INSTRUCTIONS

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Parts List

S-1536-6R, -DSL, -BSR		
Part #	DESCRIPTION	QTY
AE-0964	Crawl-Netix Climber DTG Net Plate	12
AE-4135	Tube Support Plate	12
BF-7068	Split Collar Half R5	4
DE-1509-CN-MR	90° Crawl Tube Elbow MM - Crawl-Netix Middle Right	2
DE-1509-CN-P	90° Crawl Tube Elbow MM - Crawl-Netix Panel	2
EE-0618	Crawl-Netix Climber Flange Stiffener	12
EE-0618-SMP	Crawl-Netix Climber Simple Flange Stiffener	12
EF-0220-L	Crawl-Netix Climber Support Arm Panel - Left	1
EF-0220-R	Crawl-Netix Climber Support Arm Panel - Right	1
FS-1536-225	Crawl-Netix Climber Rail Section 22.5	4
FS-1536-4475	Crawl-Netix Climber Rail Section 44.75	2
FS-1536-R5BS	Crawl-Netix Climber Bottom Support Arm R5	2
FS-1536-TC	Crawl-Netix Climber Tube Clamp	2
HE-0128-235	Crawl-Netix Climber Net Section 23.5	4
HE-0128-4475	Crawl-Netix Climber Net Section 44.75	2
IH-0001	Ball Joint Socket Half	4
9103032-TR	Bolt Button Head 3/8" x 3/4"	6
9103052-TR	Bolt Button Head 3/8" x 1"	24
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	144
9103200-TR	Bolt Button Head 3/8" x 1-7/16"	64
9105072	Bolt Button Head 1/2" x 1-1/2"	16
9113052	Bolt Carriage 3/8" x 1"	8
9143112-TR	Bolt Shoulder 3/8" x 2-1/2" BH	2
9271062-TR	1/4" x 1-1/4" Tek Screw	16
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	182
9333042	Washer Flat 3/8" x 7/8" O.D.	128
9345002	Washer Flat SAE 1/2"	114
9413162-BLK	Nut Lock 3/8" w/ Black Cap	8
9415132	Nut Lock 1/2"	16
9423002	Nut Lock Thin 3/8"	64
9443022-TR	Nut Barrel 3/8" x 5/8" BH	78
9443092-TR	Nut Barrel 3/8" x 2" BH	2

Parts List

S-1536-6L, -DSR, -BSL		
Part #	DESCRIPTION	QTY
AE-0964	Crawl-Netix Climber DTG Net Plate	12
AE-4135	Tube Support Plate	12
BF-7068	Split Collar Half R5	4
DE-1509-CN-ML	90° Crawl Tube Elbow MM - Crawl-Netix Middle Left	2
DE-1509-CN-P	90° Crawl Tube Elbow MM - Crawl-Netix Panel	2
EE-0618	Crawl-Netix Climber Flange Stiffener	12
EE-0618-SMP	Crawl-Netix Climber Simple Flange Stiffener	12
EF-0220-L	Crawl-Netix Climber Support Arm Panel - Left	1
EF-0220-R	Crawl-Netix Climber Support Arm Panel - Right	1
FS-1536-225	Crawl-Netix Climber Rail Section 22.5	4
FS-1536-4475	Crawl-Netix Climber Rail Section 44.75	2
FS-1536-R5BS	Crawl-Netix Climber Bottom Support Arm R5	2
FS-1536-TC	Crawl-Netix Climber Tube Clamp	2
HE-0128-235	Crawl-Netix Climber Net Section 23.5	4
HE-0128-4475	Crawl-Netix Climber Net Section 44.75	2
IH-0001	Ball Joint Socket Half	4
9103032-TR	Bolt Button Head 3/8" x 3/4"	6
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Rev D
4/14/2021

180° CRAWL-NETIX CLIMBERS

INSTALLATION INSTRUCTIONS

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Parts List

S-1536-CTU, -CTD, -ISL, -ISR		
Part #	DESCRIPTION	QTY
AE-0964	Crawl-Netix Climber DTG Net Plate	12
AE-4135	Tube Support Plate	12
BF-7068	Split Collar Half R5	4
DE-1509-CN-ML	90° Crawl Tube Elbow MM - Crawl-Netix Middle Left	1
DE-1509-CN-MR	90° Crawl Tube Elbow MM - Crawl-Netix Middle Right	1
DE-1509-CN-P	90° Crawl Tube Elbow MM - Crawl-Netix Panel	2
EE-0618	Crawl-Netix Climber Flange Stiffener	12
EE-0618-SMP	Crawl-Netix Climber Simple Flange Stiffener	12
EF-0220-L	Crawl-Netix Climber Support Arm Panel - Left	1
EF-0220-R	Crawl-Netix Climber Support Arm Panel - Right	1
FS-1536-225	Crawl-Netix Climber Rail Section 22.5	4
FS-1536-4475	Crawl-Netix Climber Rail Section 44.75	2
FS-1536-R5BS	Crawl-Netix Climber Bottom Support Arm R5	2
FS-1536-TC	Crawl-Netix Climber Tube Clamp	2
HE-0128-235	Crawl-Netix Climber Net Section 23.5	4
HE-0128-4475	Crawl-Netix Climber Net Section 44.75	2
IH-0001	Ball Joint Socket Half	4
9103032-TR	Bolt Button Head 3/8" x 3/4"	6
9103052-TR	Bolt Button Head 3/8" x 1"	24
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	144
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9443092-TR	Nut Barrel 3/8" x 2" BH	2

Specifications

CRAWL-NETIX FLANGE

STIFFENERS/SUPPORT ARM PANEL:

Shall be made from high density 3/4" sheet plastic specially formulated for optimum UV stability and color retention.

CRAWL-NETIX NET/TUBE SUPPORT PLATE:

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

CRAWL-NETIX NET SECTIONS:

Shall be made from 16mm steel-reinforced rope with high-strength copolymer plastic intersection connectors and machined aluminum and clevises.

CRAWL-NETIX RAIL SECTIONS:

Shall be fabricated using 1.029" O.D. 14 gauge and 1.660" O.D. 11 gauge steel tubing with welded 10 gauge steel plate and steel clevises and will have a multi-stage baked-on powder coat finish.

TUBE ELBOW:

Shall be constructed of UV-stabilized, rotationally molded, linear, low density polyethylene with an average wall thickness of .250".

SPLIT COLLAR HALF:

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

CRAWL-NETIX BOTTOM SUPPORT ARM:

Shall be fabricated using 1.900" O.D. 11 gauge, 2.375" O.D. 11 gauge, and 2.875" O.D. schedule 40 steel tubing with welded 1/4" thick steel plate and clamps and will have a multi-stage baked-on powder coat finish.

CRAWL-NETIX TUBE CLAMP:

Shall be fabricated using 3/16" thick sheet steel with a welded steel ball bearing and will have a multi-stage baked-on powder coat finish.

BALL JOINT SOCKET HALF:

Shall be machined from UHMW plastic.

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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