



In-ground	Surface mount
FA5103	FA5103S
L: 5' 4"	L: 3' 4"
W: 2' 4"	W: 2' 4"
H: 3"	H: 3"
100 LBS	90 LBS

FA5131	FA5131S
L: 9' 4"	L: 7' 6"
W: 2' 4"	W: 2' 4"
H: 3"	H: 3"
140 LBS	140 LBS

In-ground	Surface mount
FA5104	FA5104S
L: 6' 4"	L: 4' 4"
W: 2' 4"	W: 2' 4"
H: 3"	H: 3"
110 LBS	100 LBS

FA5147	FA5147S
L: 10' 4"	L: 8' 6"
W: 2' 4"	W: 2' 4"
H: 3"	H: 3"
150 LBS	150 LBS

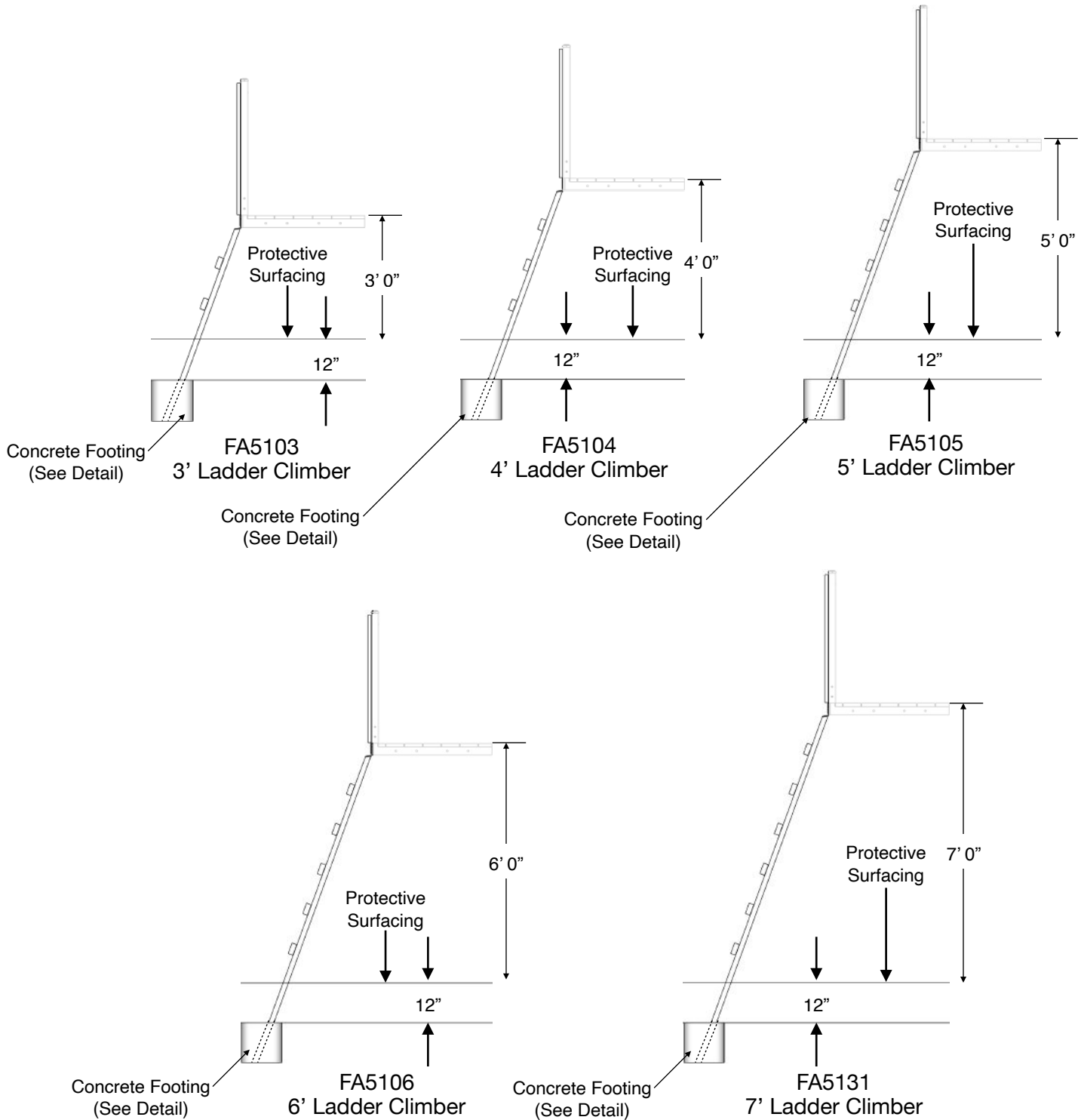
In-ground	Surface mount
FA5105	FA5105S
L: 7' 4"	L: 5' 4"
W: 2' 4"	W: 2' 4"
H: 3"	H: 3"
120 LBS	115 LBS

FA5148	FA5148S
L: 5' 4"	L: 3' 4"
W: 2' 4"	W: 2' 4"
H: 3"	H: 3"
100 LBS	90 LBS

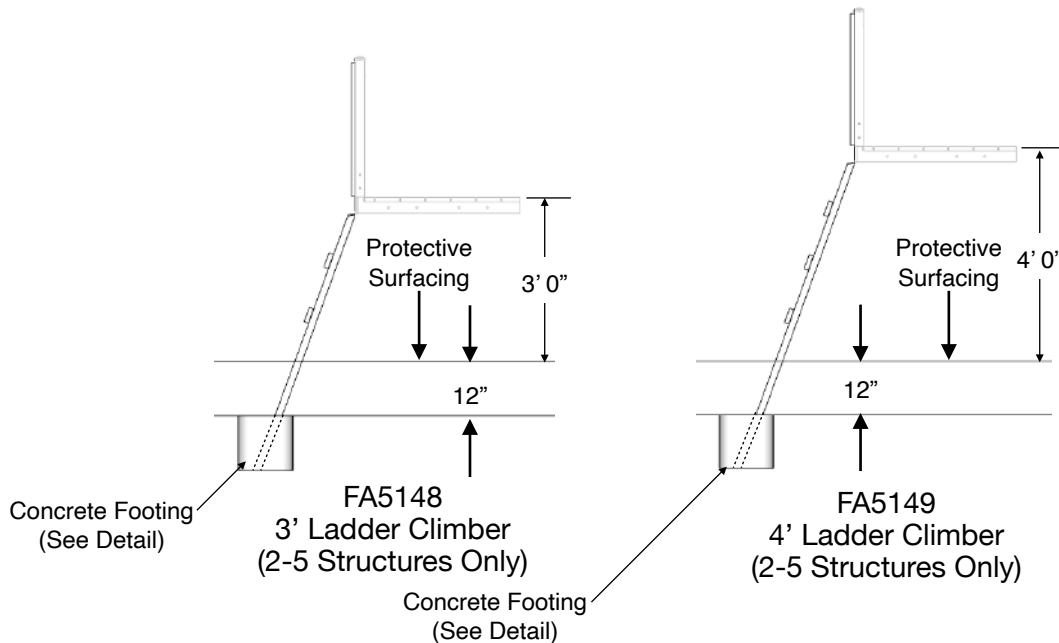
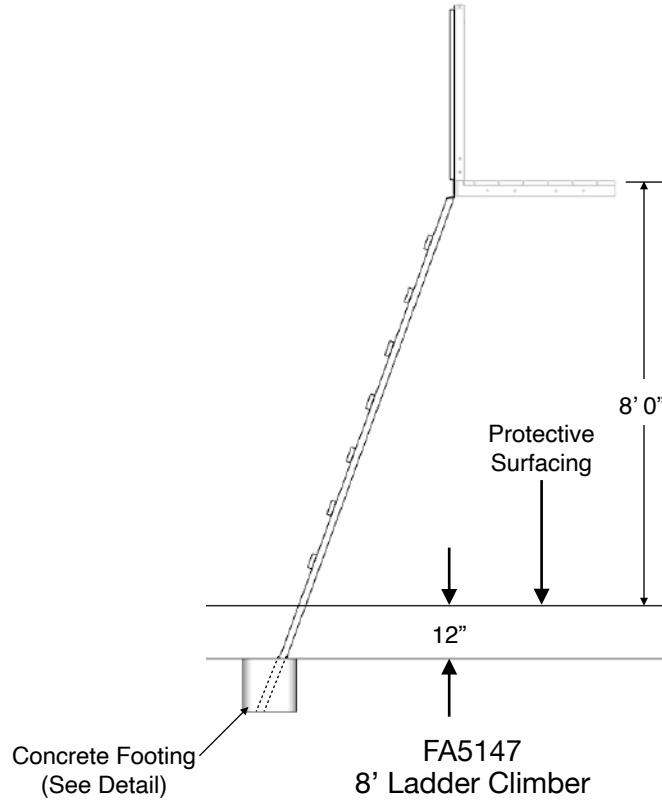
In-ground	Surface mount
FA5106	FA5106S
L: 8' 4"	L: 6' 6"
W: 2' 4"	W: 2' 4"
H: 3"	H: 3"
130 LBS	130 LBS

FA5149	FA5149S
L: 6' 4"	L: 4' 4"
W: 2' 4"	W: 2' 4"
H: 3"	H: 3"
110 LBS	100 LBS

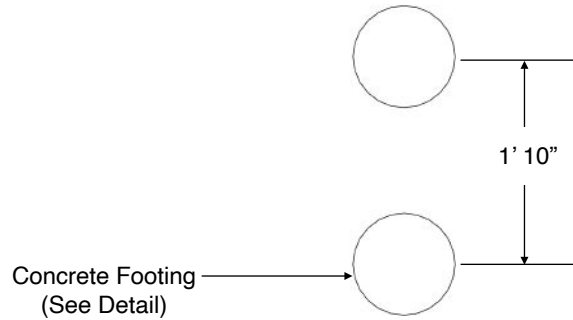
In-ground - Ladder Climber



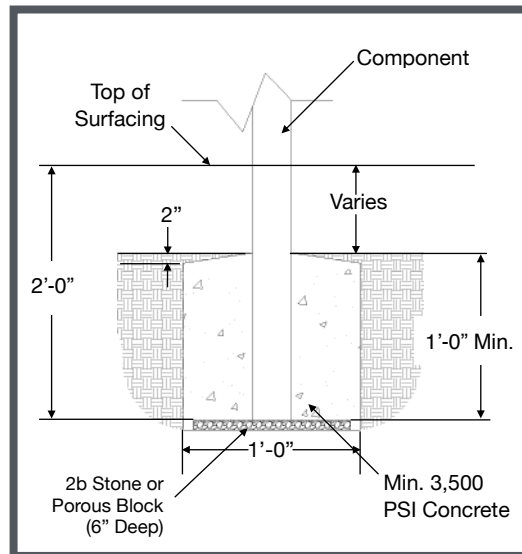
In-ground - Ladder Climber



In-ground - Ladder Climber



Concrete Footing Plan



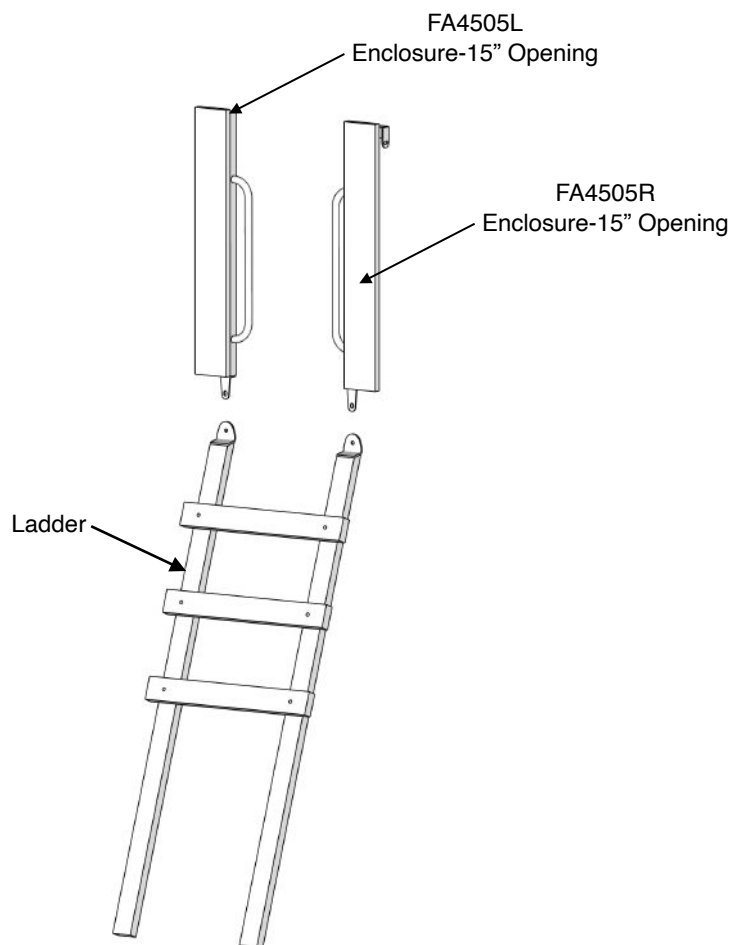
Typical Component Footing Detail

Check local soil conditions.
(Not to Scale)

Footing Notes

- Do not encase the bottom of the support post in concrete. Place the post directly on packed stone.
- The footings shown in this document are recommendations based on historical performance in average soil conditions. Footing dimensions may be modified by owner based on actual soil conditions. Before changing footing dimensions, we strongly recommend the footings be reviewed and approved by a registered engineer.
- The base of the footings must be below the frost line.
- Assemble the entire play structure before pouring concrete unless instructed to do so in the individual play component.

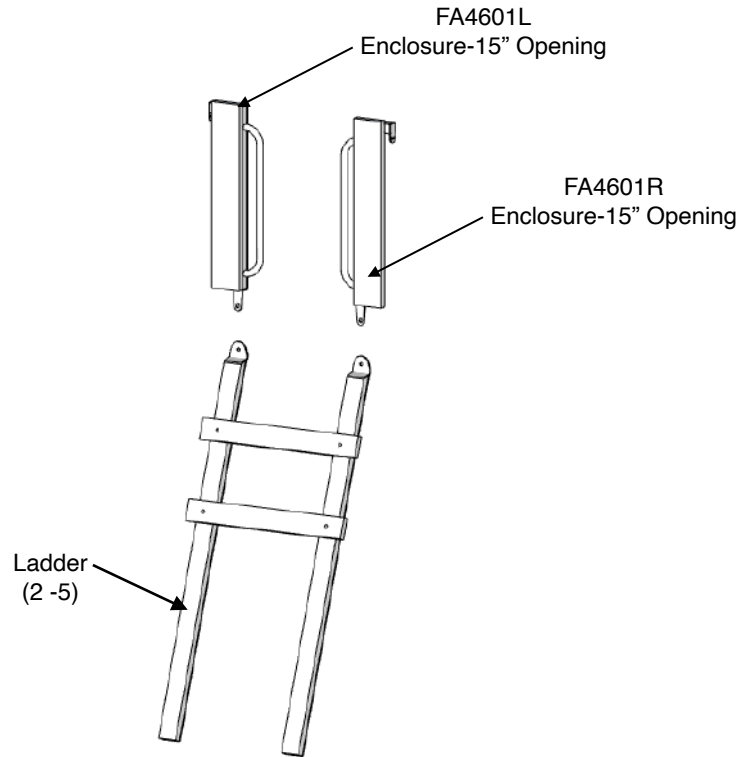
In-ground - Ladder Climber



Exploded View

Part No.	Description
FA5103	3' Ladder Climber
FA5104	4' Ladder Climber
FA5105	5' Ladder Climber
FA5106	6' Ladder Climber
FA5131	7' Ladder Climber
FA5147	8' Ladder Climber

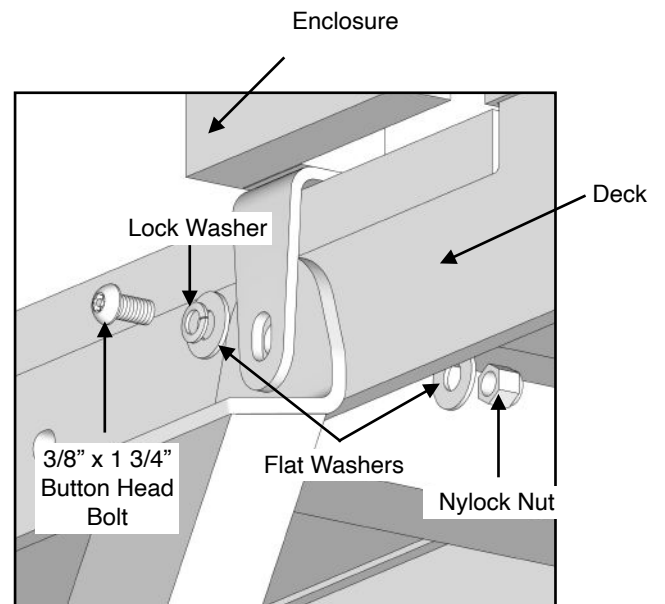
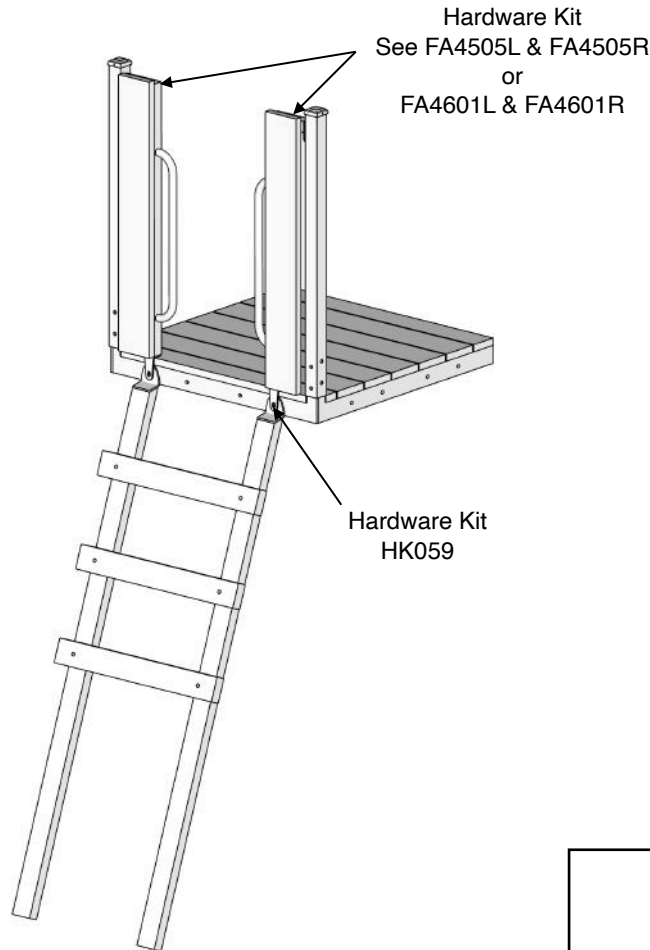
In-ground - Ladder Climber



Exploded View

Part No.	Description
FA5148 (2-5)	3' Ladder Climber (2-5)
FA5149 (2-5)	4' Ladder Climber (2-5)

In-ground - Ladder Climber



Hardware Detail HK059

Use thread lock on all fasteners.
Cut bolt ends off with more than 2 exposed threads.

In-ground - Ladder Climber

NOTE: Read installation instructions thoroughly before starting installation process.

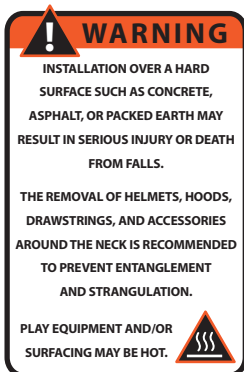
Step 1: Lay out the area and prepare the site for install. Concrete must be installed over a solid, level base. Check local soil condition and codes. See product installation instructions for minimum use zone requirements to ensure proper spacing and adequate surfacing area.

Step 2: Refer to the typical in-ground footing detail on excavating a hole for the Component.

Step 3: Place the Ladder Climber into the excavated footings. Using hardware kit HK059, bolt the Ladder Climber to the Deck (2 places), sandwiching the Enclosure between the Ladder and the Deck. Locate and position the 15" Enclosures on the deck opening. See FA4505L & FA4505R (or FA4601L & FA4601R for 2-5) for instructions. Temporarily brace when level and plumb. Completely build the rest of the Deep Woods Play System **before you pour any concrete.**

Step 4: Once the entire play system is built, pour the concrete footings. The concrete should be flush with the ground level, as shown in the typical in-ground footing detail. Allow time for the concrete to cure completely before continuing.

Step 5: Remove temporary bracing.



NOTES PRIOR TO CONSTRUCTION:

- Use appropriate equipment to lift and move the play equipment.
- Check local codes and requirements prior to digging or installing any equipment.

NOTE: Always wear eye protection appropriate to the task at hand.

In-ground - Ladder Climber

FA5103, FA5104, FA5105, FA5106, FA5131, & FA5147

Included Items:

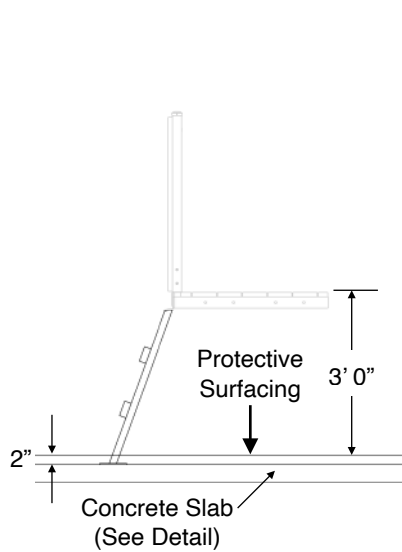
Part #	Item	Description	Quantity
Varies	Ladder Climber	Play Equipment	1
HK059	HDW-10	3/8" x 1-3/4" Button Head Torx Pin-in Bolt, SS	2
HK059	HDW-15	3/8" Split Lock Washer, SS	2
HK059	HDW-25	3/8" Small Flat Washer, SS	4
HK059	HDW-38	3/8" Nylock Nut, SS	2

FA5148 (2-5) & FA5149 (2-5)

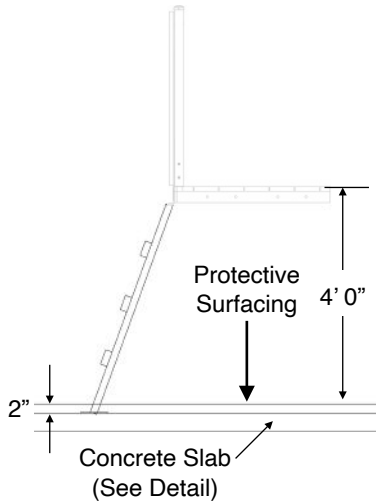
Included Items:

Part #	Item	Description	Quantity
Varies (2-5)	Ladder Climber	Play Equipment	1
HK059	HDW-10	3/8" x 1-3/4" Button Head Torx Pin-in Bolt, SS	2
HK059	HDW-15	3/8" Split Lock Washer, SS	2
HK059	HDW-25	3/8" Small Flat Washer, SS	4
HK059	HDW-38	3/8" Nylock Nut, SS	2

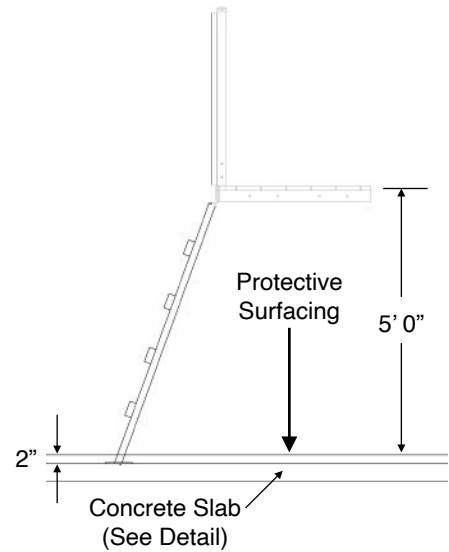
Surface mount- Ladder Climber



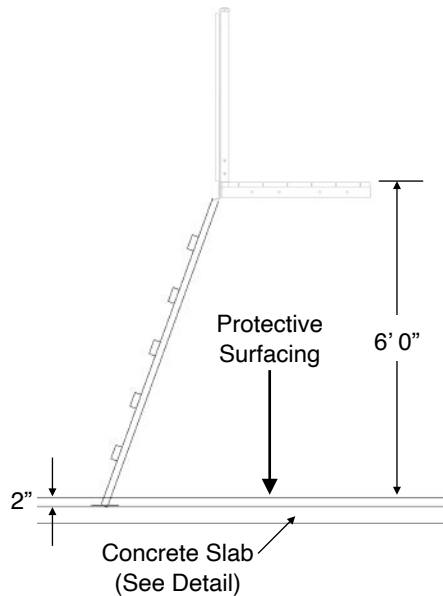
FA5103S
3' Ladder Climber



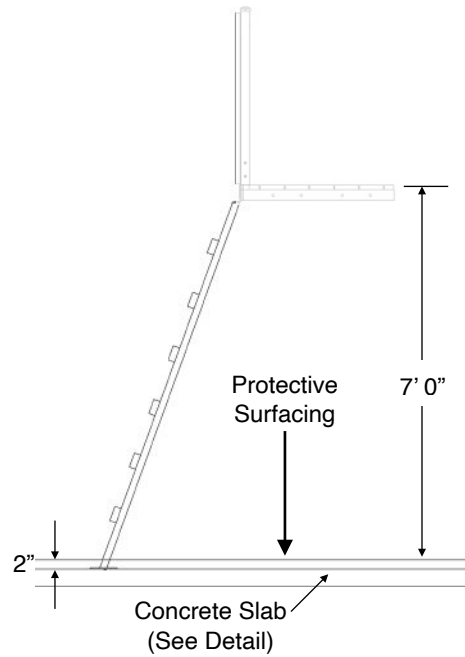
FA5104S
4' Ladder Climber



FA5105S
5' Ladder Climber

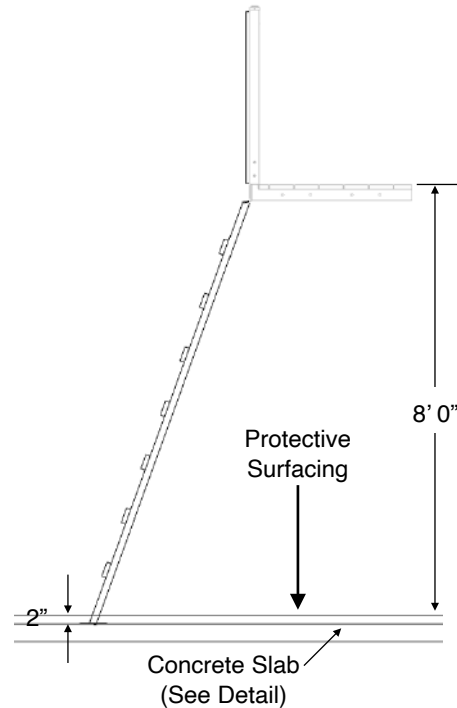


FA5106S
6' Ladder Climber

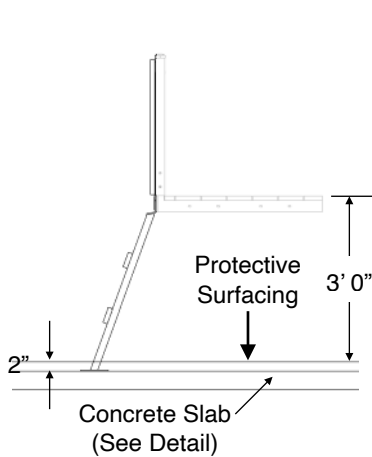


FA5131S
7' Ladder Climber

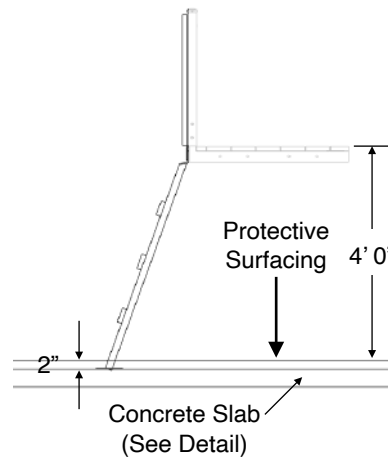
Surface mount- Ladder Climber



FA5147S
8' Ladder Climber



FA5148S
3' Ladder Climber
(2-5 Structures Only)

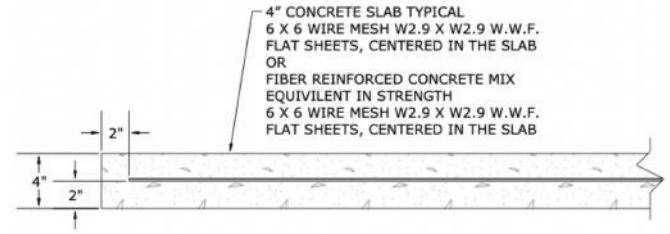


FA5149S
4' Ladder Climber
(2-5 Structures Only)

Surface mount- Ladder Climber

NOTES PRIOR TO CONSTRUCTION:

- Use appropriate equipment to lift and move the play equipment.
- Check local codes and requirements prior to digging or installing any equipment.



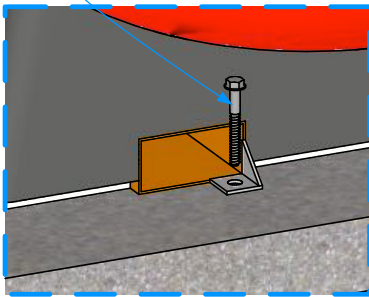
TYPICAL 4" CONCRETE SLAB DETAIL (NOT TO SCALE)
CHECK LOCAL SOIL CONDITIONS.



EXAMPLE OF COMPONENT



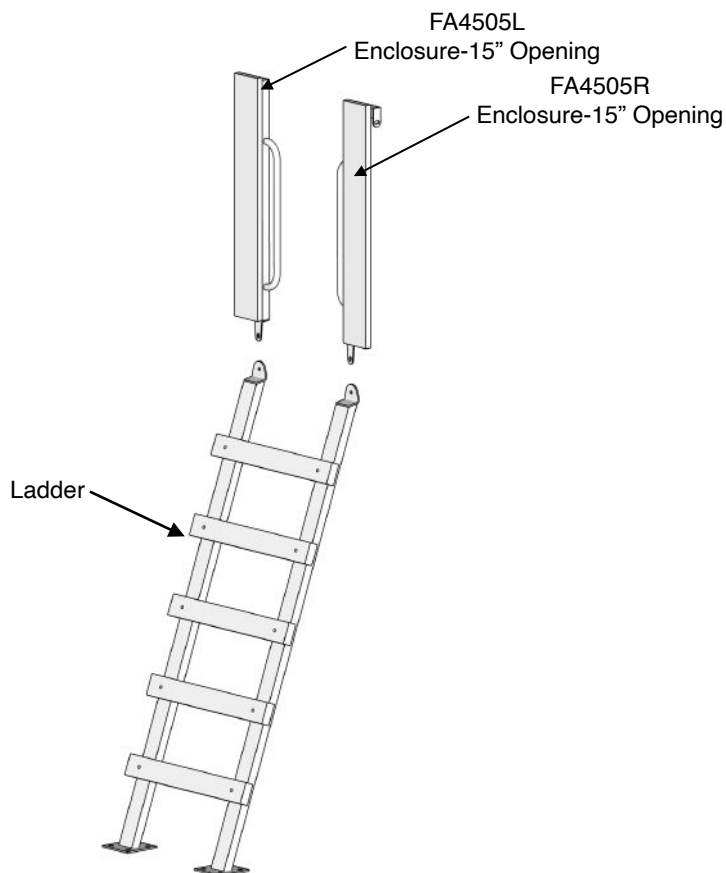
ANCHOR BOLT
SEE CHART



Concrete Notes

- The slabs shown in this document are recommendations based on historical performance in average soil conditions. Slab dimensions may be modified by owner based on actual soil conditions. Before changing slab dimensions, we strongly recommend they be reviewed and approved by a registered engineer.
- Assemble the entire play structure before pouring concrete unless instructed to do so in the individual play component.

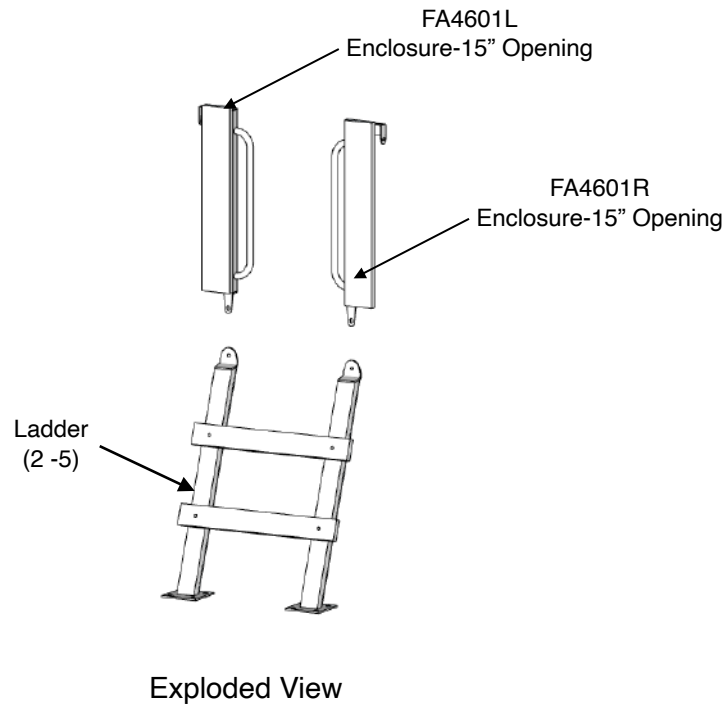
Surface mount- Ladder Climber



Exploded View

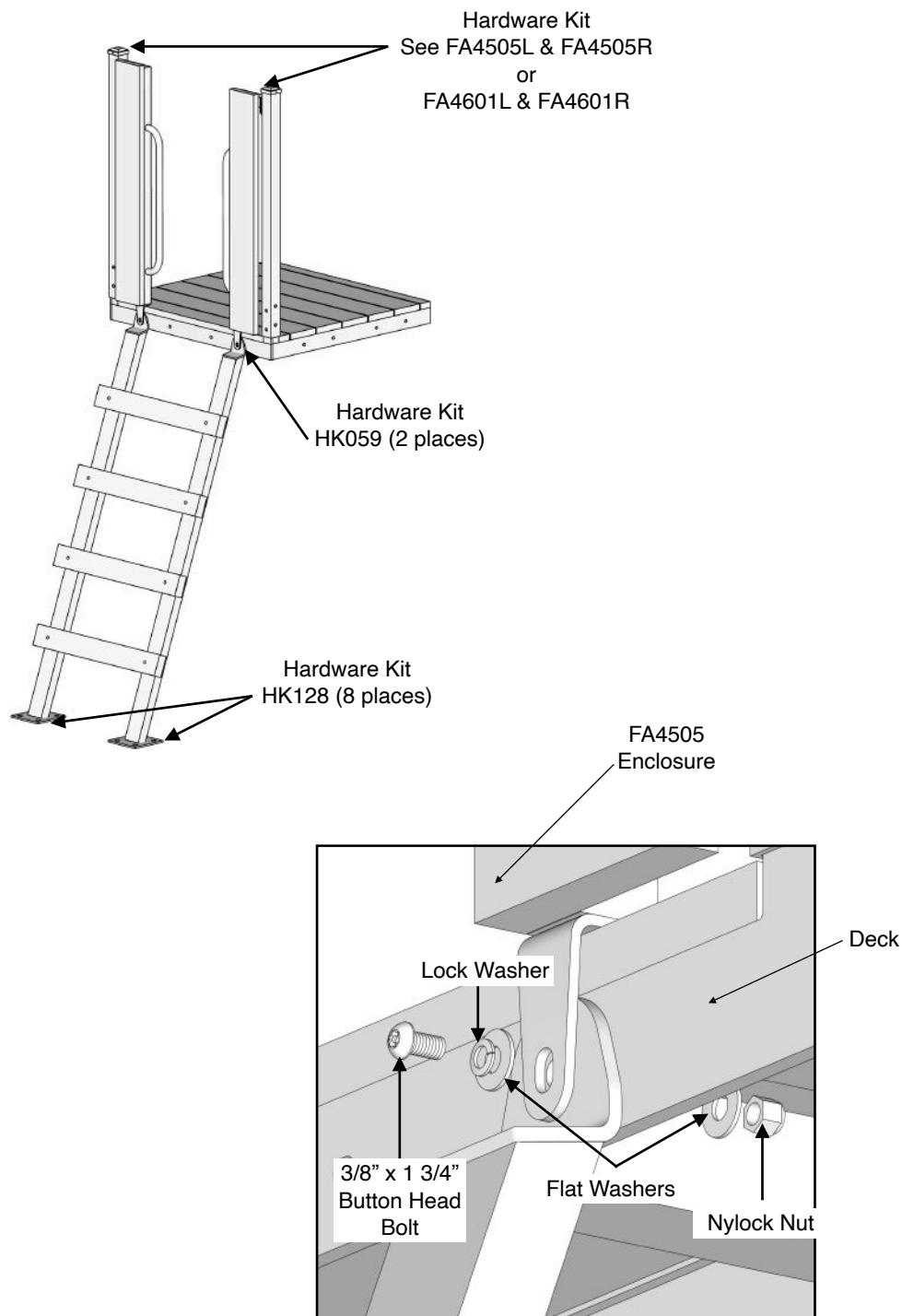
Part No.	Description
FA5103S	3' Ladder Climber
FA5104S	4' Ladder Climber
FA5105S	5' Ladder Climber
FA5106S	6' Ladder Climber
FA5131S	7' Ladder Climber
FA5147S	8' Ladder Climber

Surface mount- Ladder Climber



Part No.	Description
FA5148S (2-5)	3' Ladder Climber (2-5)
FA5149S (2-5)	4' Ladder Climber (2-5)

Surface mount- Ladder Climber



Use thread lock on all fasteners.
Cut bolt ends off with more than 2 exposed threads.

Surface mount- Ladder Climber

NOTE: Read installation instructions thoroughly before starting installation process.

Step 1: Lay out the area and prepare the site for install. Concrete must be installed over a solid, level base. Check local soil condition and codes. See product installation instructions for minimum use zone requirements to ensure proper spacing and adequate surfacing area.

Step 2: Pour a concrete base for the component. Refer to the typical concrete slab section in this document. The concrete should be flush with the ground level. Allow time for the concrete to completely cure before continuing.

Step 3: Place component into final installation location. Locate and position the 15" Enclosures on the deck opening. See FA4505L & FA4505R (or 4601L & FA4601R for 2-5) for instructions. Bolt the enclosure and ladder to the deck using hardware kit HK059 (2 places). See the hardware recommendation for information on anchoring equipment down to your concrete slab. Use two anchors per base plate on opposite corners of the plate. Refer to the surfacing manufacturer for installation of an approved impact attenuating play surface around the component with a minimum use zone in every direction.

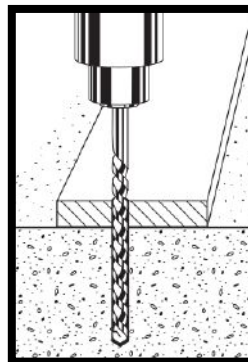
Step 4: Locate your anchor bolts, supplied. Using the proper standard drill bit size noted in the installation table, drill the concrete to the appropriate hole depth through the mounting holes.

Step 5: Insert the anchor bolt using HK128 into the hole and tighten until the bolt is fully seated. Do NOT over tighten the anchor bolts.

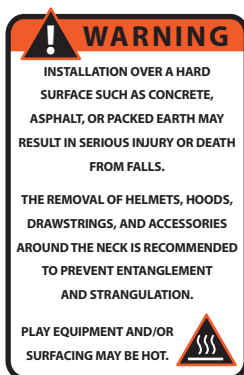
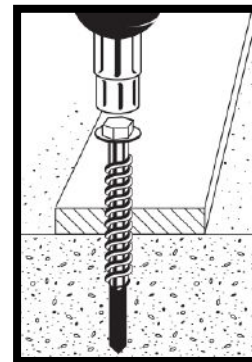
Anchor Bolt Installation:

Anchor Bolt Size	ANSI Standard Drill Bit Diameter	Anchor Head (Socket Size)	Minimum Embedment	Hole Depth
1/2" x 3"	7/16"	3/4"	2 1/2"	3 1/2"
5/8" x 4"	1/2"	13/16"	3 1/2"	4 1/2"
5/8" x 6"	1/2"	13/16"	5 1/2"	6 1/2"

Step 1: Drill



Step 2: Anchor



NOTES PRIOR TO CONSTRUCTION:

- Use appropriate equipment to lift and move the play equipment.
- Check local codes and requirements prior to digging or installing any equipment.

NOTE: Always wear eye protection appropriate to the task at hand.

Surface mount- Ladder Climber

FA5103S, FA5104S, FA5105S, FA5106S, FA5131S, & FA5147S

Included Items:

Part #	Item	Description	Quantity
Varies	Ladder Climber	Play Equipment	1
HK059	HDW-10	3/8" x 1-3/4" Button Head Torx Pin-in Bolt, SS	2
HK059	HDW-15	3/8" Split Lock Washer, SS	2
HK059	HDW-25	3/8" Small Flat Washer, SS	4
HK059	HDW-38	3/8" Nylock Nut, SS	2
HK128	HDW-16	1/2" x 3" Concrete anchors	8

FA5148S (2-5) & FA5149S (2-5)

Included Items:

Part #	Item	Description	Quantity
Varies (2-5)	Ladder Climber	Play Equipment	1
HK059	HDW-10	3/8" x 1-3/4" Button Head Torx Pin-in Bolt, SS	2
HK059	HDW-15	3/8" Split Lock Washer, SS	2
HK059	HDW-25	3/8" Small Flat Washer, SS	4
HK059	HDW-38	3/8" Nylock Nut, SS	2
HK128	HDW-16	1/2" x 3" Concrete anchors	8