

UPSIDE INNOVATIONS

LOADING DOCK STAIRS
INSTALLATION MANUAL



Part #: HW9000

TOOL LIST

Required Tools:

- Drill
- 9/16" Standard Socket with Extension
- Ratchet Handle for 9/16" Socket
- Socket Adapter Bit for Drill (if using drill to drive socket)
- 9/16" Standard Wrench
- Tape Measure

Recommended Tools:

- Cordless Drill
- Hammer Drill
- 3/8" Masonry Bit
- Extension Cords
- Vise-Grip Style C-Clamp(s)
- Shop Vacuum

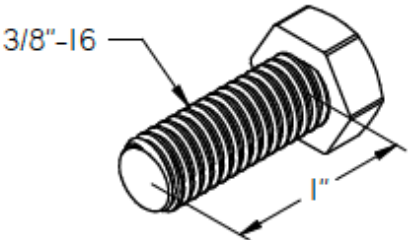
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Platform Leg Assembly.....3.

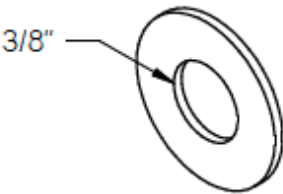
Step Riser Assembly.....4.

Step & Platform Rail Assembly.....5.

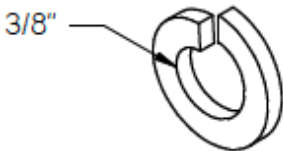
INCLUDED HARDWARE



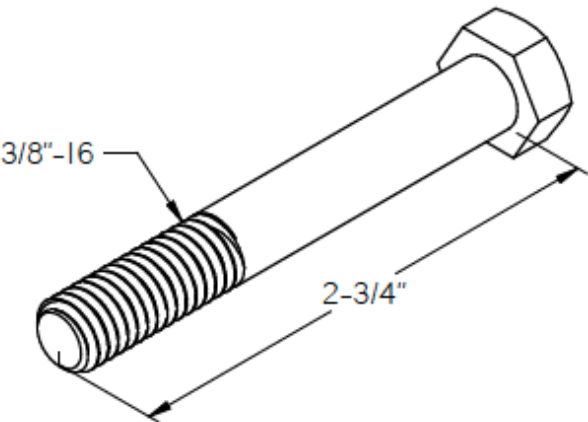
3/8"-16 X 1" HEX HEAD BOLT



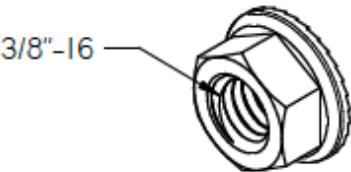
3/8" FLAT WASHER



3/8" SPLIT LOCK WASHER

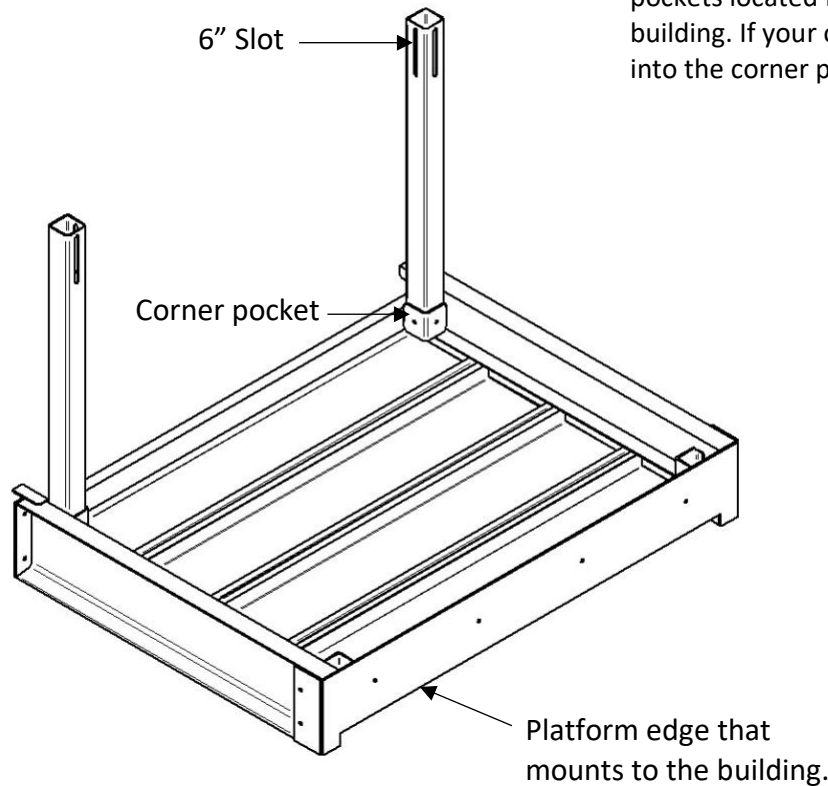


3/8"-16 X 2-3/4" HEX HEAD BOLT



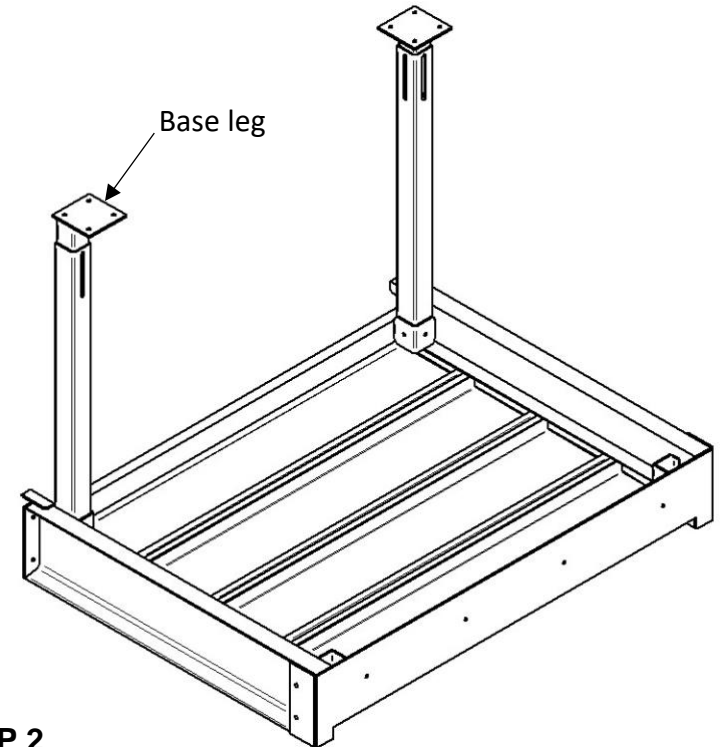
3/8"-16 HEX SERRATED
FLANGE LOCK NUT

NOTE: There are 4 corner pockets. We typically utilize only the two corner pockets located furthest from the edge of the platform that connects to the building. If your order contains 4 platform legs per step system, insert all legs into the corner pockets.



STEP 1

- Lay the platform upside down on the ground as shown in the diagram above.
- Insert 2 platform legs into the corner pockets located furthest from the platform edge that connects to the building. Make sure the ends with the 6" slots are not in the pockets.
- Use (2) 3/8" x 1" bolts with flat washers to secure each leg to each pocket.
- The bolts will thread into the pre-installed rivet nuts in the ends of the platform legs through the holes in the pockets.



STEP 2

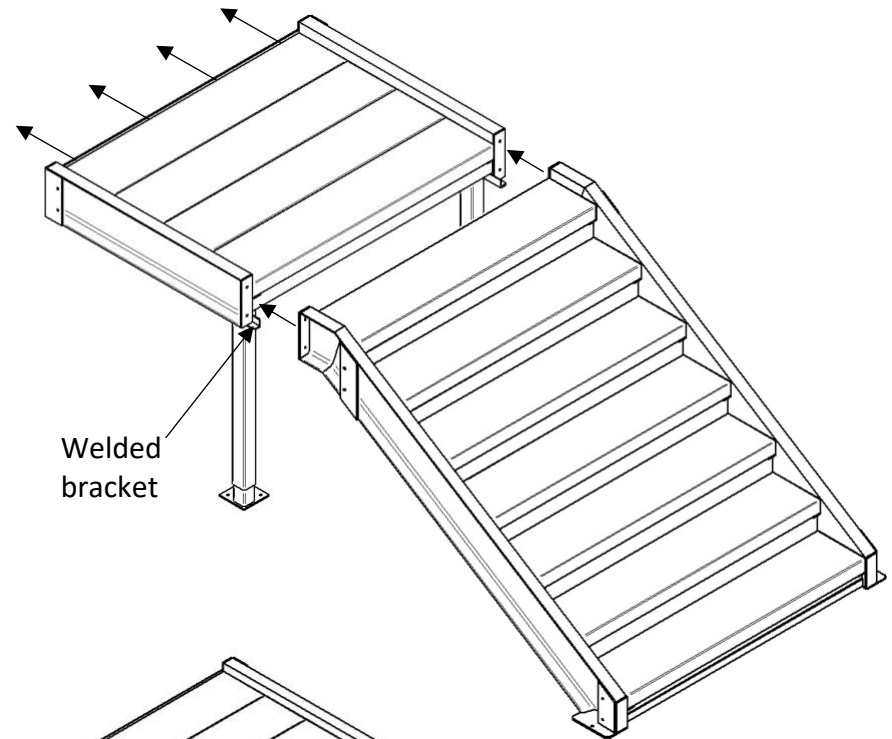
- Insert 2 platform base legs into the platform legs and make sure the holes align with the slots as shown in the picture.
- Use (2) 3/8" x 1" bolts with lock washers and flat washers to secure each base leg to each platform leg at the desired height. (The 6" slot allows for adjustability to accommodate unlevel grade.)
- The bolts will thread into the pre-installed rivet nuts in the base legs.
- Note: This connection may need to be adjusted later in order to level the platform.

STEP 3

- Set the platform against the building.
- From the underside of the platform, use the 4 holes in the platform edge as templates to drill 4 holes into the building.
- Insert the provided concrete anchors or lag bolts through the platform edge holes into the drilled holes and tighten until the platform is secured to the building.

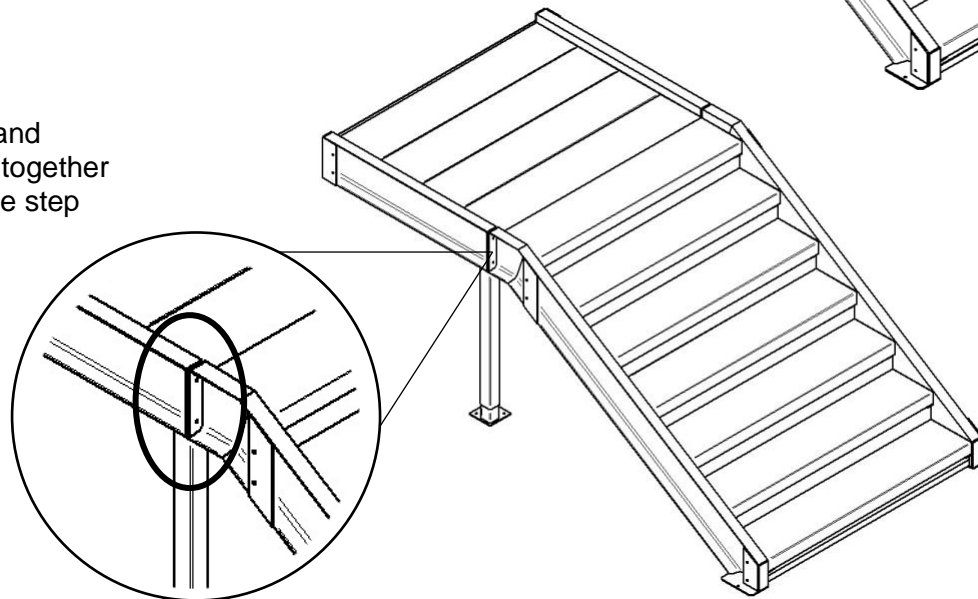
STEP 4

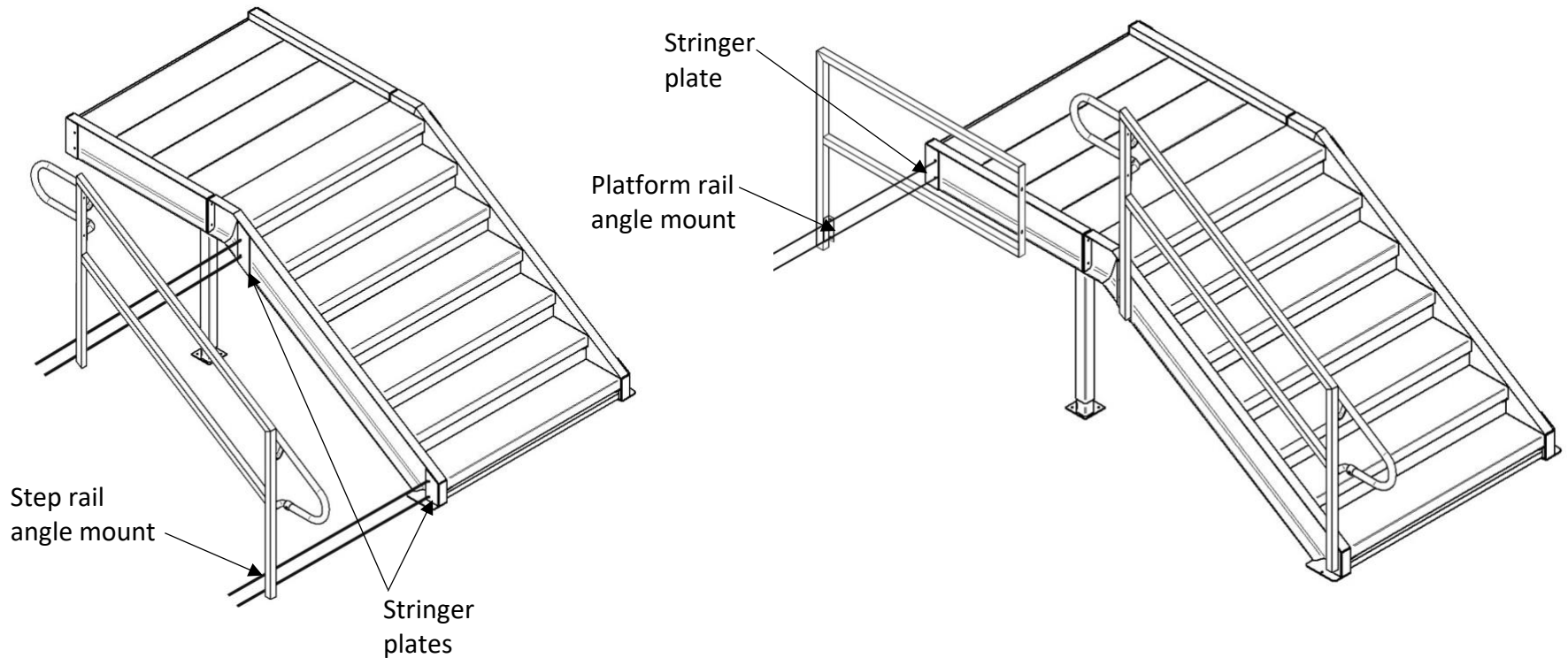
- Set the step riser assembly on the brackets that are welded to the platform.



STEP 5

- Use (2) 3/8" x 1" bolts with flat washers and flange nuts to bolt the connection plates together on each side of the platform to secure the step riser to the platform.



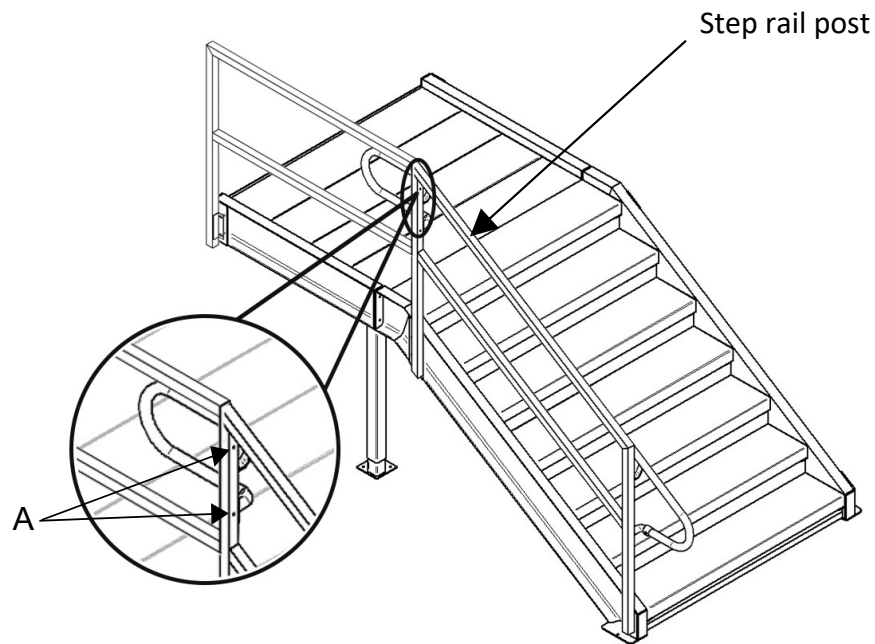


STEP 6

- Use (4) 3/8" x 1" bolts with flat washers and flange nuts to connect the step rail angle mounts to the stringer plates welded to the side of the stair stringer.
- Repeat for the step rail on the opposite side.

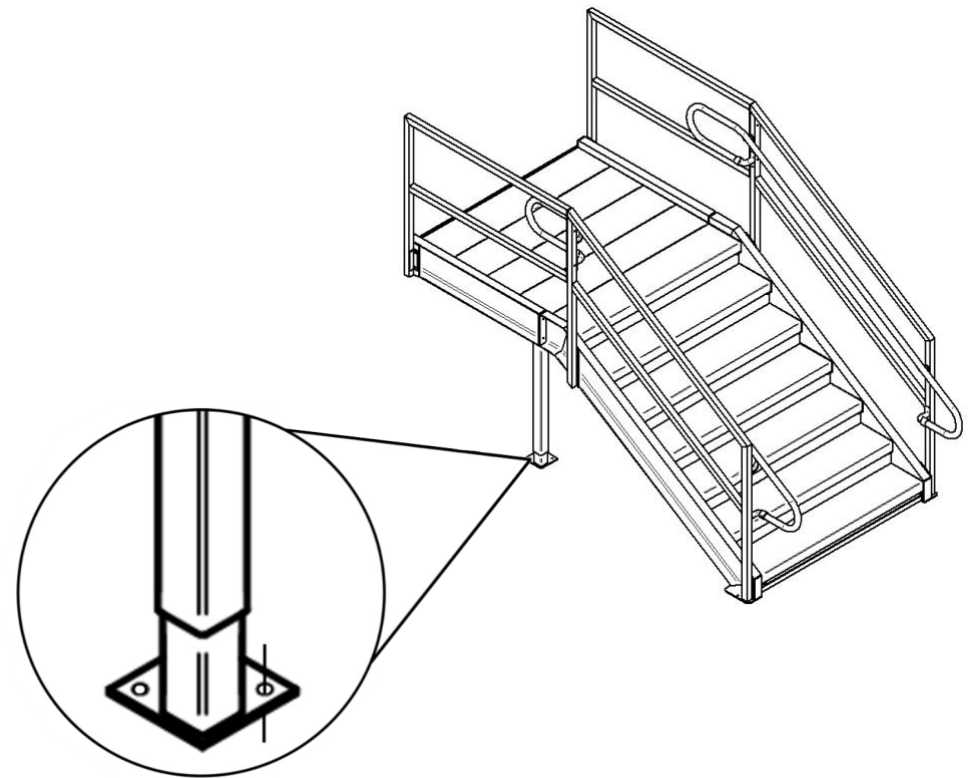
STEP 7

- Use (2) 3/8" x 1" bolts with flat washers and flange nuts to connect the platform rail angle mount to the stringer plate welded to the side of the platform.
- Repeat for the platform rail on the opposite side.



STEP 8

- Use (2) 3/8" x 2 3/4" bolts with flat washers and flange nuts to connect the platform rail end mount to the step rail post (figure A).



STEP 9

- Anchor the leg and step riser footplates to the concrete. Only one 3/8" x 3 3/4" anchor needs to be used per footplate.
- Install the anchors according to the concrete anchor manufacturer's instructions.