

GROUND CONTROL SYSTEMS®
Offset® XL Wall Mounted
SAK Mounting Instructions

TOOLS NEEDED FOR INSTALLATION

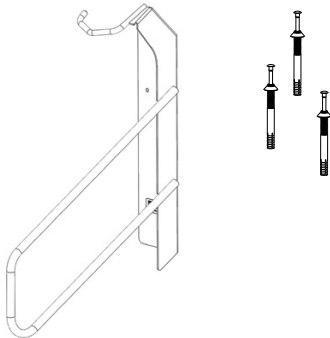
1. Gloves and safety glasses
2. 1/4" masonry bit and rotary hammer
3. Small vacuum or brush
4. 16 oz hammer
5. (Optional) Long 9/16" socket

NOTE: These instructions are for installation of the wall mounted Offset XL Vertical Bike Rack in CONCRETE ONLY.

1. Remove the contents from the box and make sure all the components are there.

In the Box:
 1. Offset XL Vertical Bike Rack

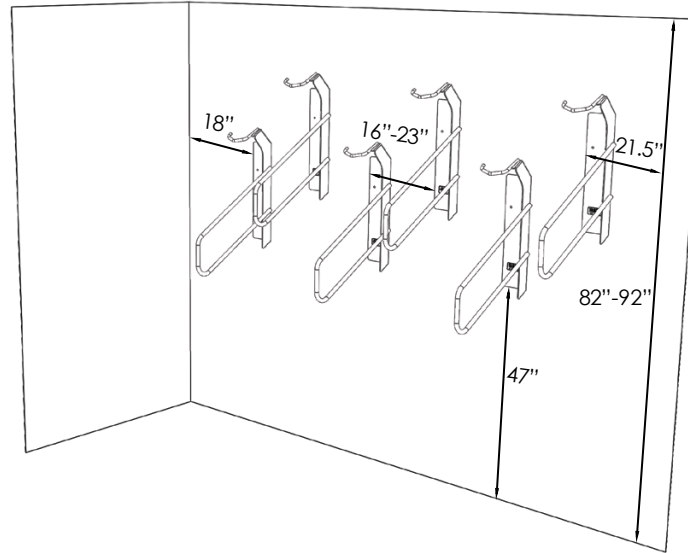
Additional Materials
 (3) 1/4" Anchors



NOTE: Mounting and anchor sections are dependent on the substrate the installer will be mounting Offset XL bike racks to. Be sure to check standards for anchoring into the type of masonry your Offset XL bike rack will be mounted to.

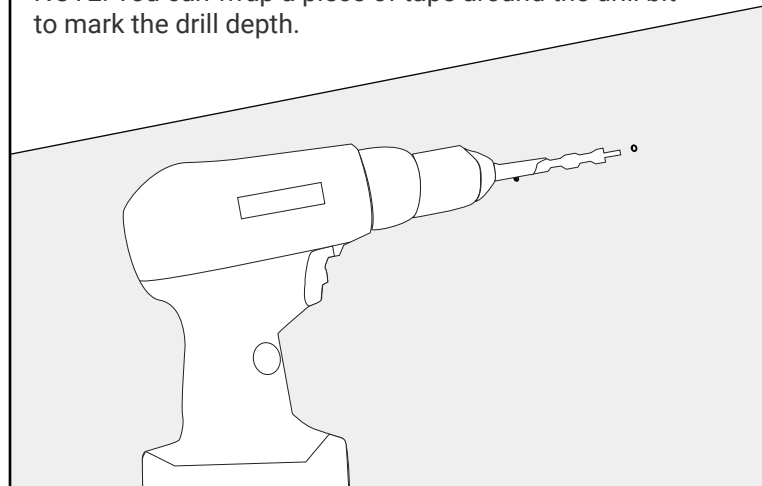
2. Place the rack on the surface where it is to be mounted, checking for setbacks to walls, curbs, doorways, pedestrian walkways and wheel chair accessible areas.

Use the mounting holes on the flange, and mark where to drill the holes for anchoring using a pen or pencil.

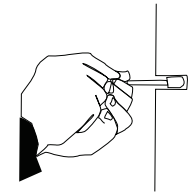


3. Remove the dock and use a 1/4" Hammer Drill to begin drilling holes into the masonry material to the specified depth for the anchors you are using.

NOTE: You can wrap a piece of tape around the drill bit to mark the drill depth.



4. Complete the drilling of the holes and clean out and around the holes with a small brush.



5. Align the rack to the drilled holes and insert the Strike Anchors through the mount holes in the rack, into the drilled holes.

6. Seat the Strike Anchor in the hole until flush with the rack surface. Hammering a 7/16" socket placed drive-side over the pin works well for this.



7. Finally, drive the center pin down until flush with the rest of the head, securing the rack to the wall.

GROUND CONTROL
 SYSTEMS®
 Innovative Bike & Board Parking

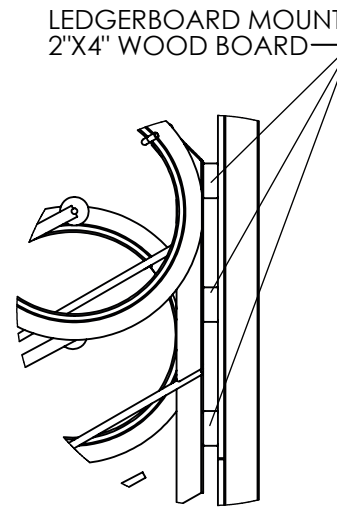
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GROUND CONTROL SYSTEMS®
Offset® XL Ledger Board
Mounting Instructions

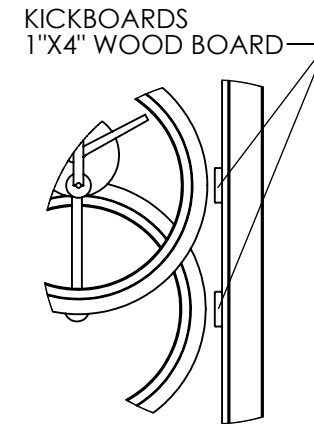
NOTE: These instructions are for the ledgerboard method which must be used on wood studded walls only.

METAL STUDDED WALLS MUST USE A TOGGLE NUT (see step 1) AND UNISTRUT RAILS OR SIMILAR

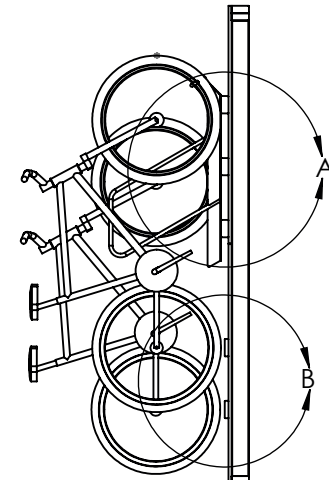
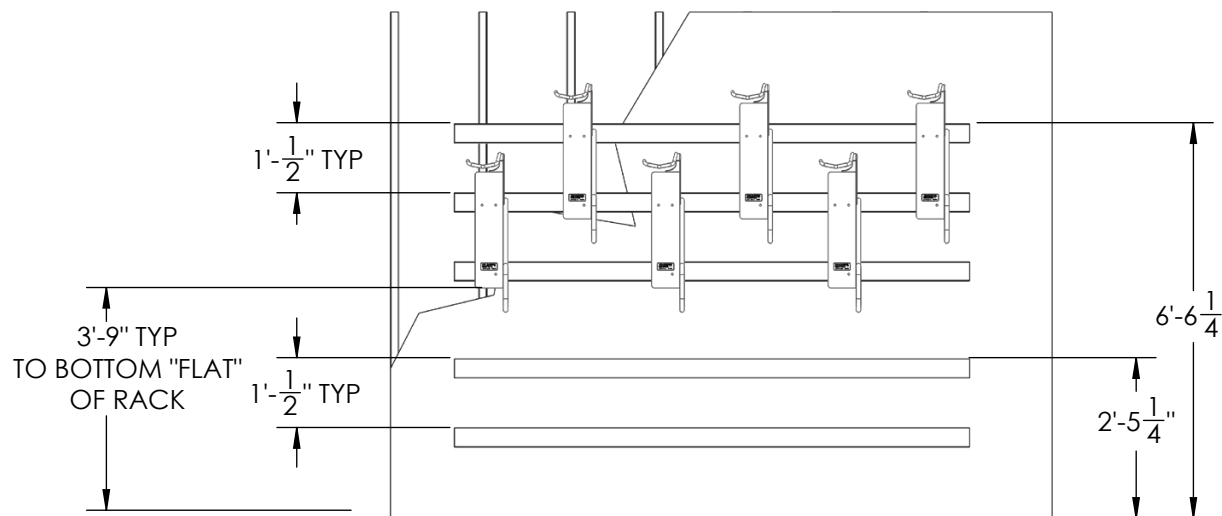
1. Secure 2x4 and 1x4 ledgerboards to wall, using 1/4" x 4" flat head screws, into wood studs*
 *use metal struts and toggle nuts for metal studded walls (see separate instructions)
2. Secure racks to ledgerboards using 1/4" x 1.5" lag screws**
 **ledgerboard material and ledgerboard hardware not included in estimate



DETAIL A



DETAIL B



GROUND CONTROL SYSTEMS®
Offset® XL UniStrut™
Mounting Instructions

NOTE: These instructions are for the unistrut or similar u-rail installation which may be used in wood or metal-studded walls*

*METAL STUDDED WALLS MUST USE A TOGGLE NUT WITH UNISTRUT RAILS

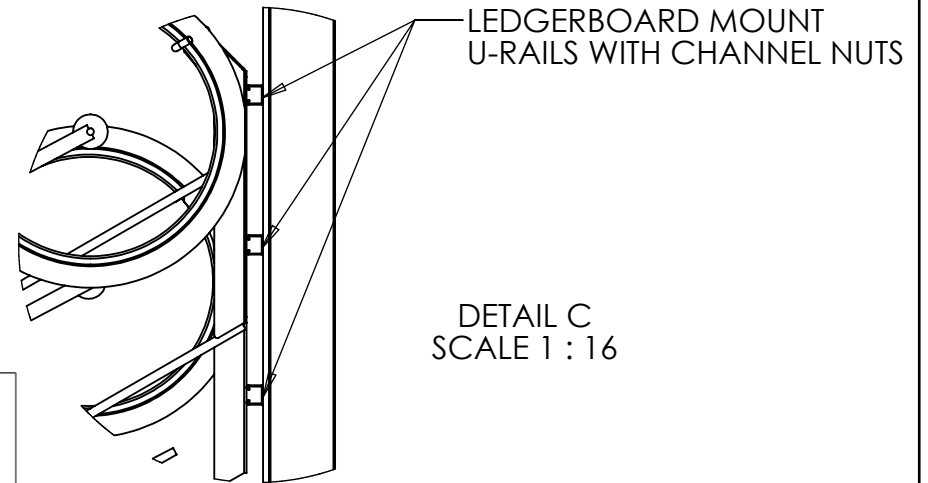
Installation Notes:

Requires 3 Unistrut Rails (Or similar sets of u-rails) to reach desired length
 Requires dock mounting kit 81000-0030 per each dock (includes channel nuts)

Wood Studs: recommended 5/16" x 5" lag bolts to mount to wall, with washer (not included)

Metal Studs: recommended use of toggle nuts (not included)

Recommended kickboards: 1" x 4" Qty. 2 (full length) using 1/4" x 3-1/2" flathaed screw to mount



DETAIL C
 SCALE 1 : 16

