

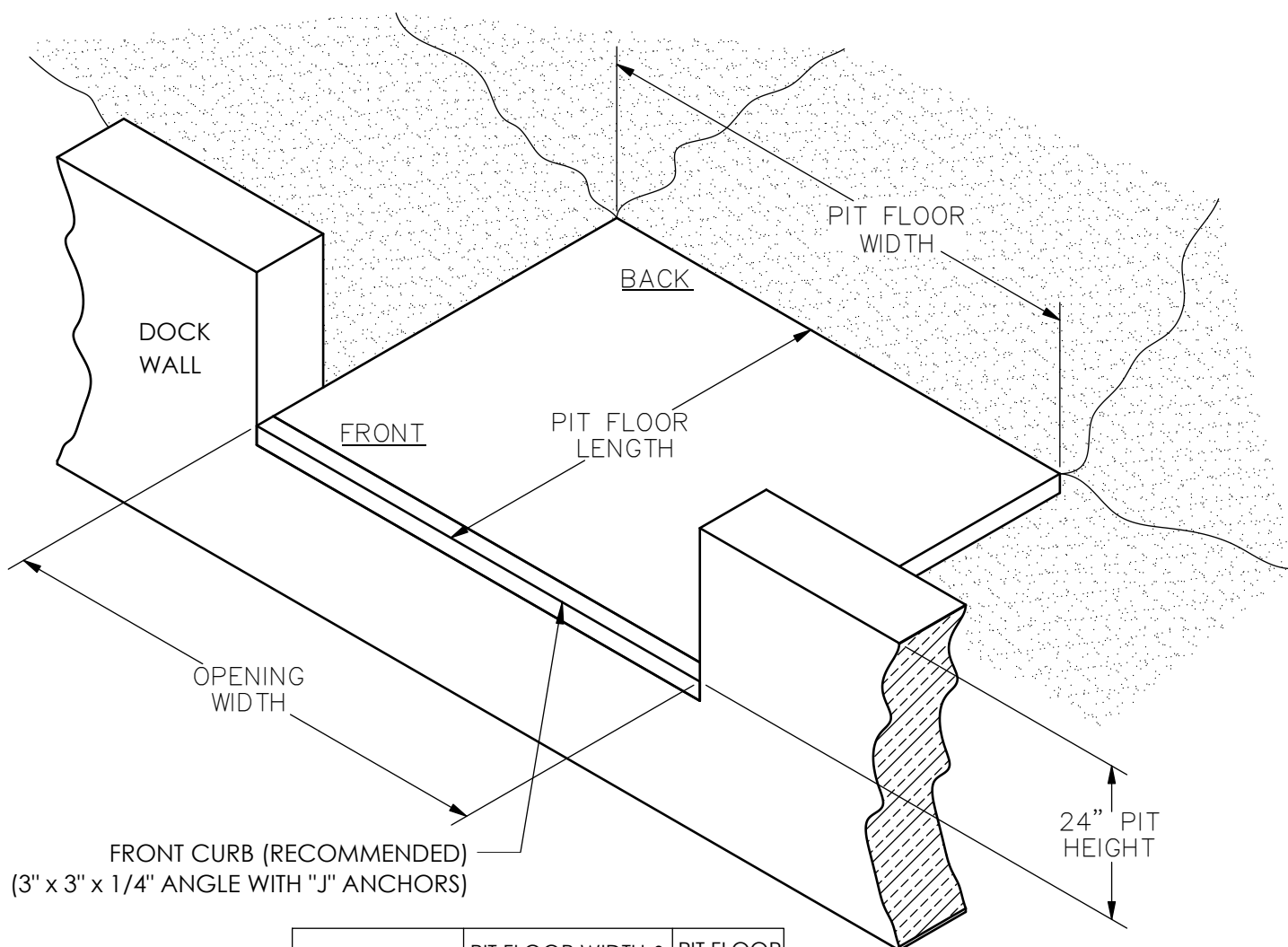
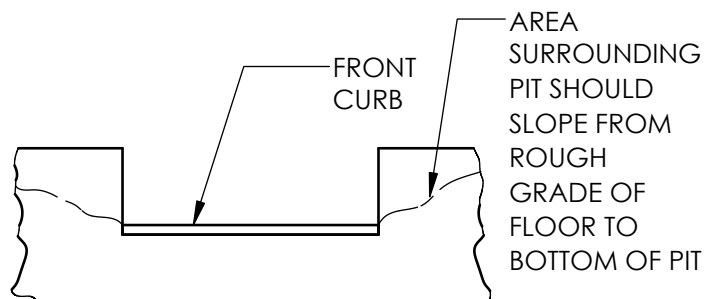


INSTALLING A POUR-IN-PLACE DOCK LEVELER (EH & RR)

Part A: Prepare the Site & Make the Floor

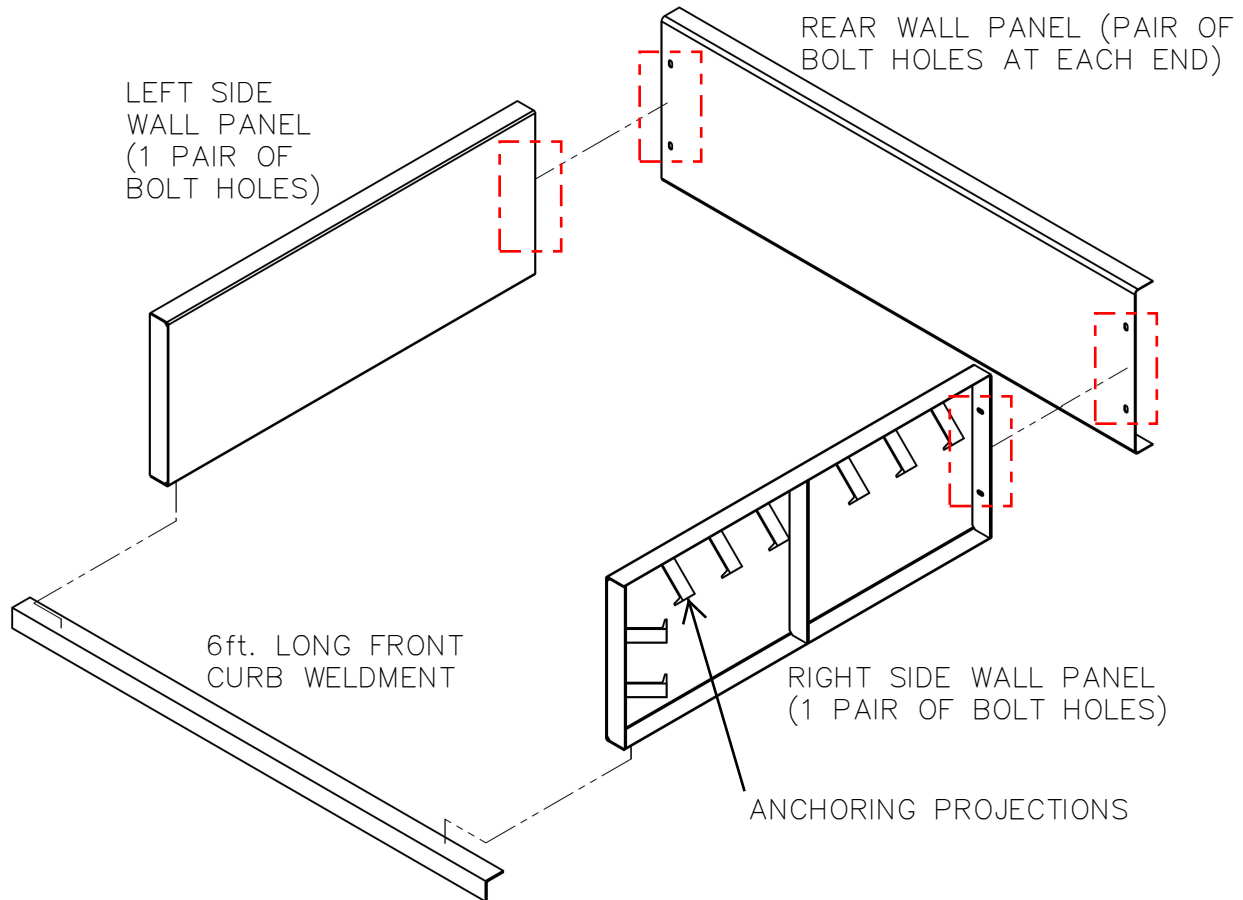
1.) Prepare (concrete) dock wall and pit floor as shown in the diagrams. Pit floor should taper from back to front. The front of the pit should be 1/2" lower than the back. Tapering the floor facilitates pit cleaning and allows to pit to drain to the outside of the building.

2.) The installation site should be excavated such that the rough grade of the area surrounding the pit slopes gently from the rough grade of the surrounding floor to the bottom of the pit floor.



MODEL #	PIT FLOOR WIDTH & OPENING WIDTH	PIT FLOOR LENGTH
RR-65/EH-65	80"	53"
RR-66/EH-66	80"	65"
RR-68/EH-68	80"	89"
RR-610/EH-610	80"	113"
RR-75/EH-75	92"	53"
RR-76/EH-76	92"	65"
RR-78/EH-78	92"	89"
RR-710/EH-710	92"	113"

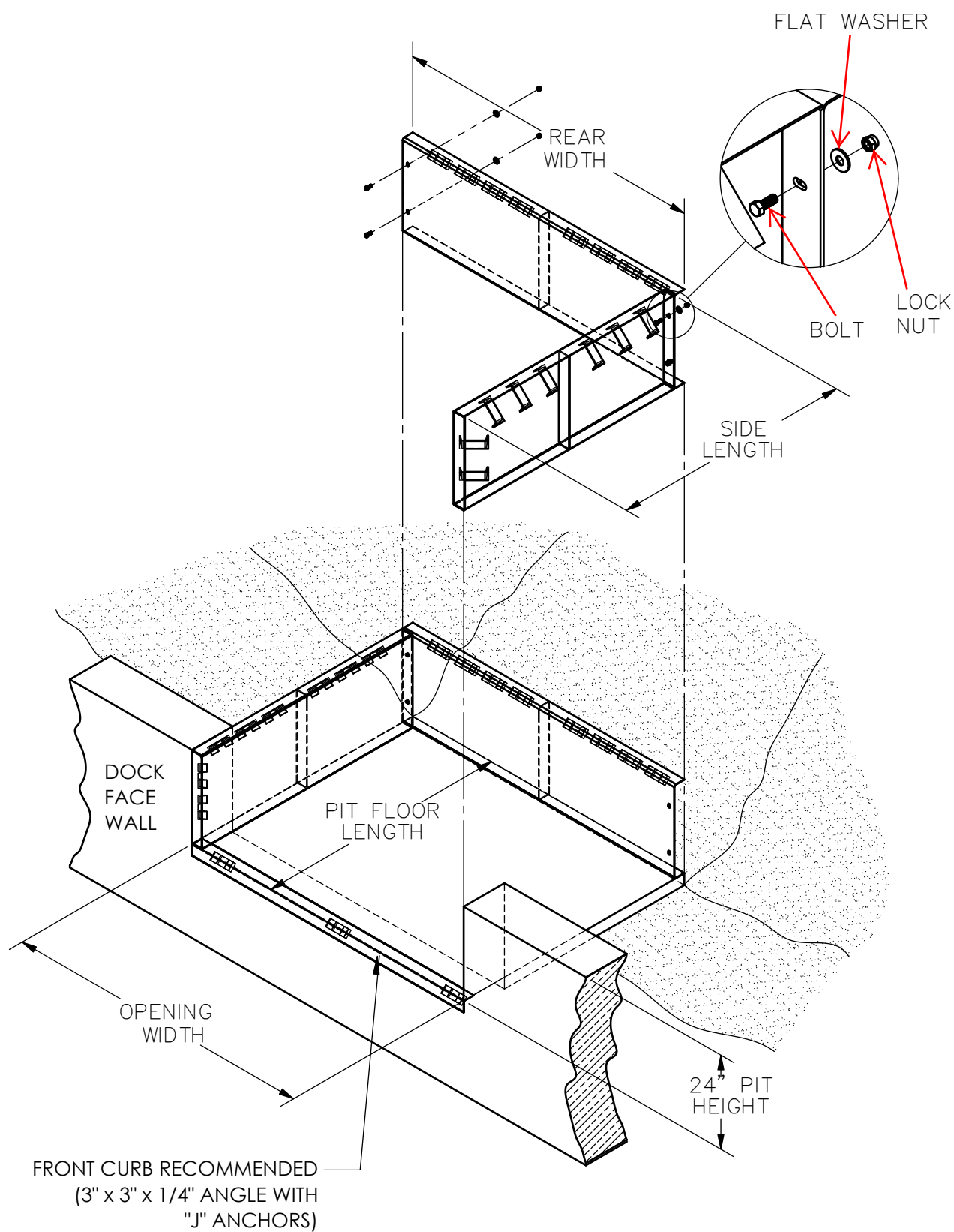
Part B: Assemble the Wall Panels



Wall panel installation (see diagram on following page)

- 1.) Set rear panel on back edge of pit floor. Rear panel has a pair of bolt holes at each end.
- 2.) Fasten the right and left side panels to the rear panel using the $\frac{1}{2}$ " hardware included with the panels. Align bolt holes in the side panels with bolt holes in the rear panel. Insert bolts through the holes. Secure bolts with flat washers and lock nuts.
- 3.) Shim and adjust the wall panels to make the top edges flush with the finished floor.
- 4.) Square the side wall panels and rear panel. The rear panel must be parallel to the front edge of the pit. Side panels must be parallel to each other. Side panels must also be square to the rear panel and front edge.
- 5.) Lag the side panels and rear panel to the pit floor with anchoring hardware (not included).
- 6.) The temporary use of bracing to hold the panels in place while pouring concrete is recommended. Bracing should be designed to prevent the panels from bowing, tipping, etc. Carefully place concrete around the panels. Work the concrete to fill pockets.
- 7.) Double check the squareness of the wall panels while pouring and finishing the concrete.

Part B: Wall panel installation diagram



Part C: Installing Dock Leveler

1.) Once the pit concrete has cured adequately, check the actual, finished dimensions of the pit and dock leveler. The leveler is 23 1/2" tall at the front and back (all dimensions nominal). The pit should be 23³/₄" deep at the rear and 24" deep at the front.

2.) To make up the difference between the height of the dock leveler and the depth of the pit, place steel shims on the floor of the pit where the dock leveler frame will sit. Use shims to level the dock leveler front-to-back and side-to-side. More shims are required in front because of the slope of the pit floor.

3.) Set the dock leveler in place, e.g. using a crane or a fork truck.

4.) Adjust the shims to make the top of the dock leveler flush with the finished floor.

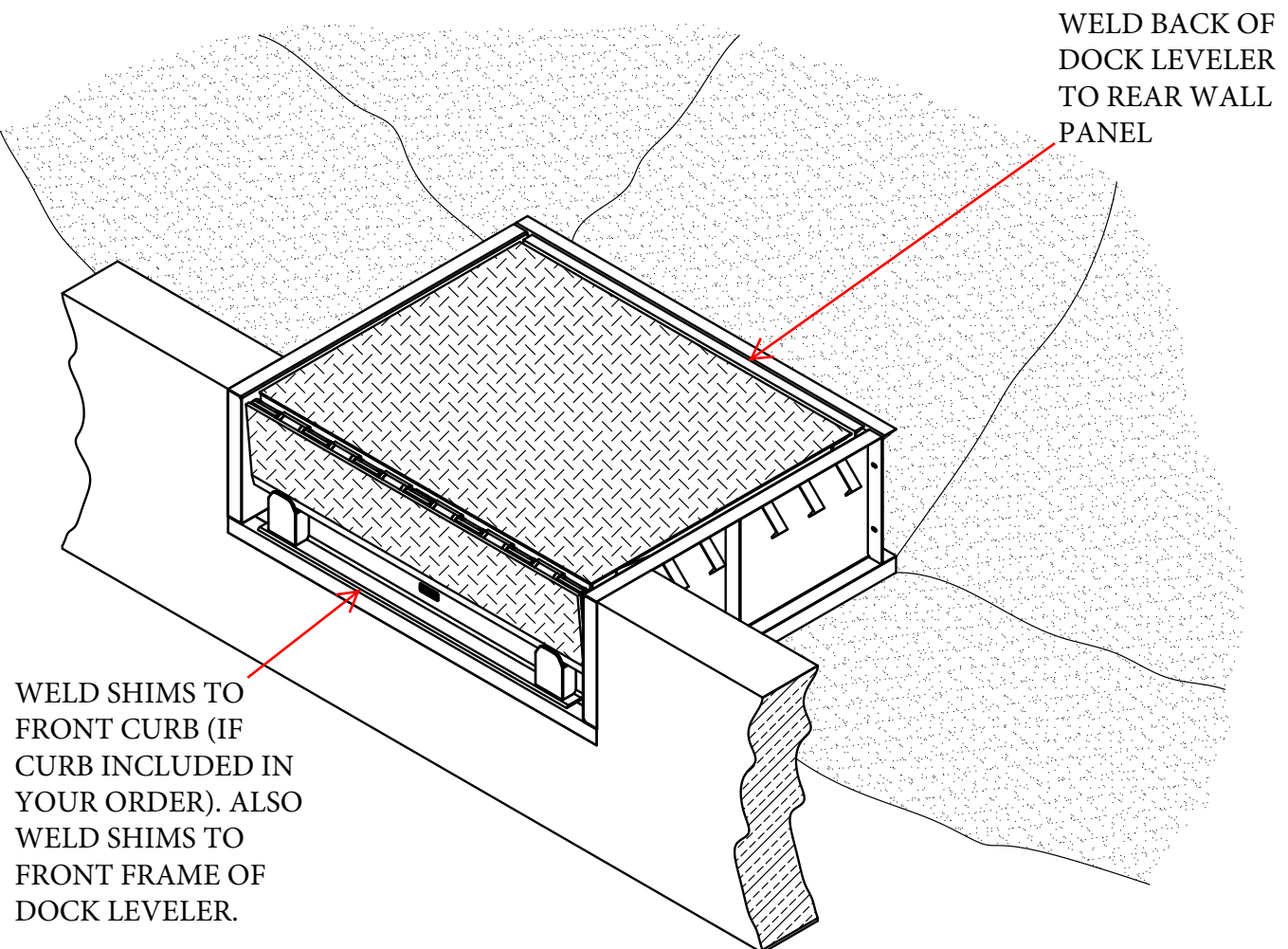
5.) Tack weld the back of the dock leveler to the back of the pit.

6.) Tack weld the shims to the frame of the dock leveler (front and rear). Tack the front shims to the curb angle (if included in your order).

7.) Operate the leveler and confirm normal operation. (See Instruction Manual for your leveler).

8.) Finish welding the leveler to the back of the pit. Weld the entire back edge of the dockleveler to the rear panel.

9.) Finish welding the leveler to the front curb. Weld the entire front edge of the dockleveler to the curb.



Part D: Install Dock Bumpers (Optional)

Before installing dock bumpers, consider the following factors:

- Dock seals and/or dock shelters: bumpers should not interfere with seals/shelters. If there currently are no seals or shelters, is it likely that they will be installed in the future?
- Building siding: will the siding protrude beyond the bumper face?
- Other building features such as conduits, plumbing lines, exterior dock traffic lights: are additional bumpers necessary to protect these building features or surrounding areas?

Standard rubber dock bumpers:

Bumpers are provided to protect your building! Care during installation is recommended and will protect the dock area. Standard dock bumpers are comprised of a laminated rubber core with steel angle pieces attached to opposite sides. These bumpers should be installed with the rubber laminations oriented vertically. Attach bumpers to the dock wall with the edge of the inner angle piece flush with an inside edge of the pit. The top edge of the rubber core should be flush with the dock floor.

NOTE: Bumper effectiveness is compromised if a bumper is attached to a damaged or unsound surface. Only attach bumpers to structurally sound surfaces!

Bumper installation procedure:

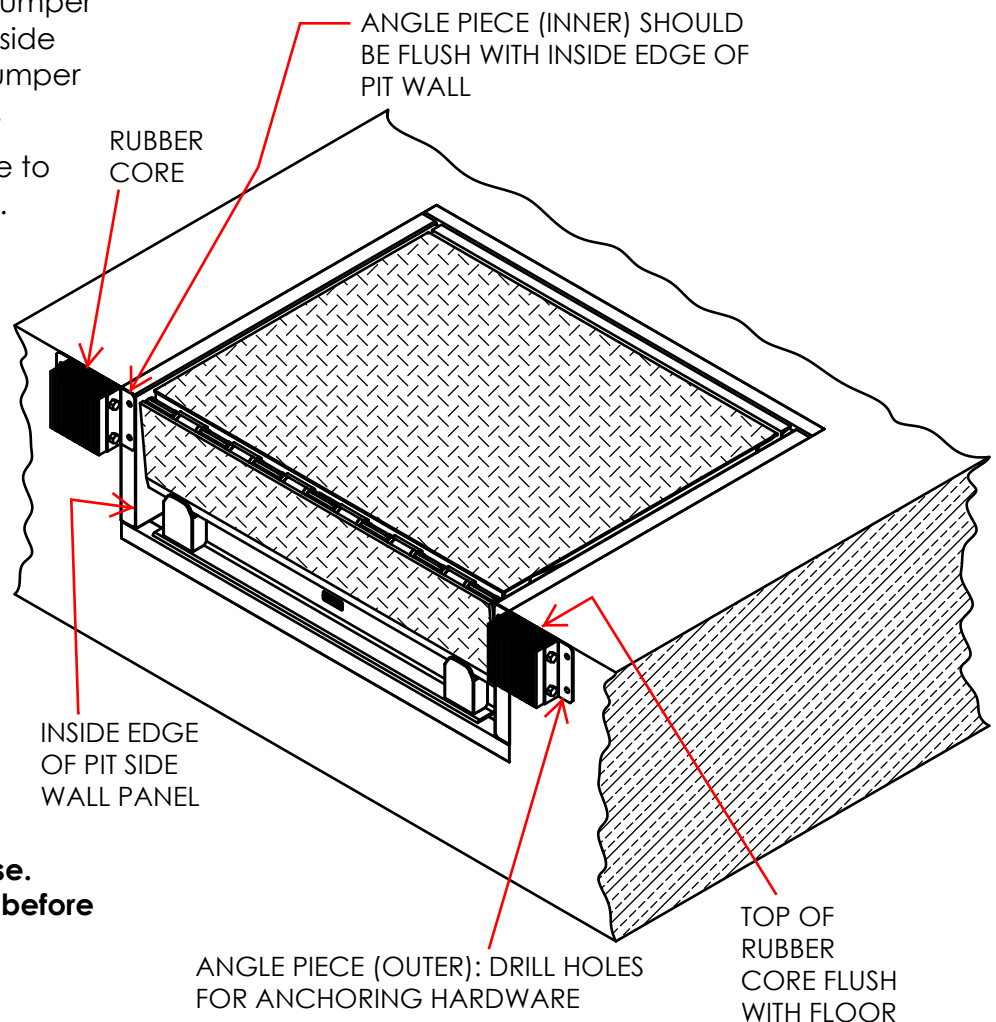
1.) Hold the inner angle piece of bumper flush with the inside edge of a (pit) side wall panel. The top edge of the bumper should be flush with the dock floor.

2.) Tack weld the inner angle piece to the edge of the pit side wall panel.

3.) Each angle piece includes 2 holes for anchoring hardware. Anchoring hardware is necessary to fasten the outer angle pieces to the dock wall. Use a hammer drill to make holes for concrete anchors.

4.) Install the concrete anchors. Tighten them to the torque specified by the anchor manufacturer.

5.) Weld the entire length of the inner angle pieces to the (pit) side wall panels.



**The dock leveler is now ready to use.
Read the entire instruction manual before
using the leveler for the first time.**