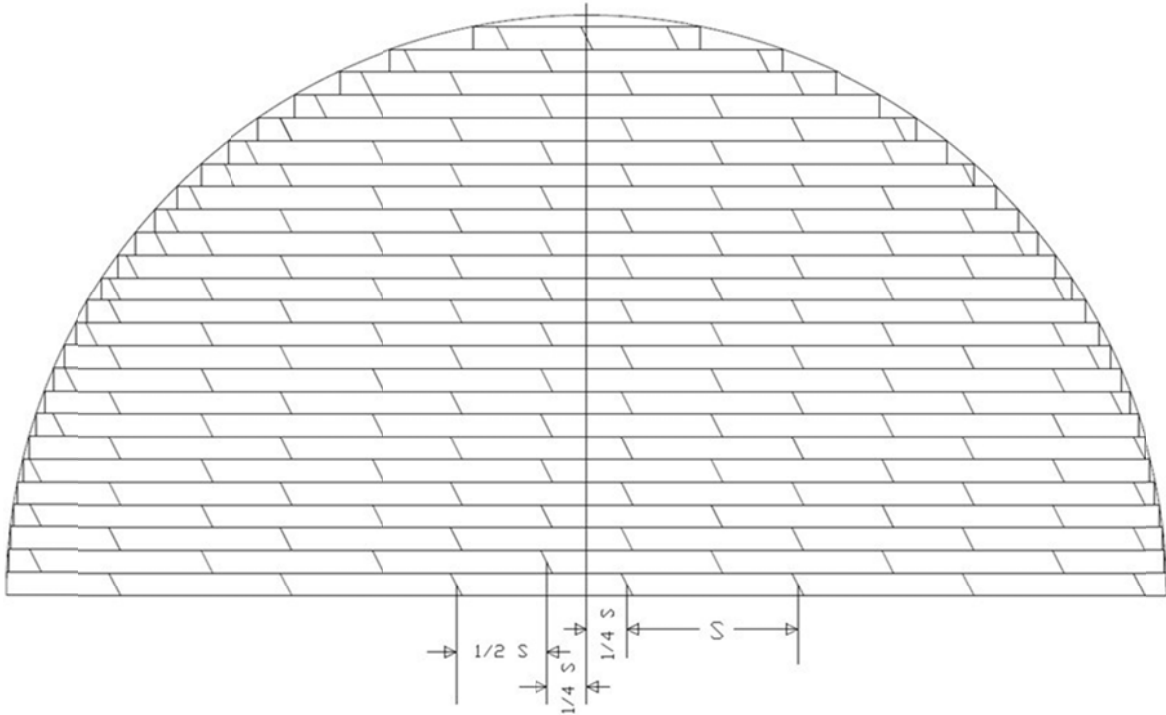


Floor Installation



The space between supports (S) in any row must not be exceeded. The space between a support and a plank end must not exceed 6".

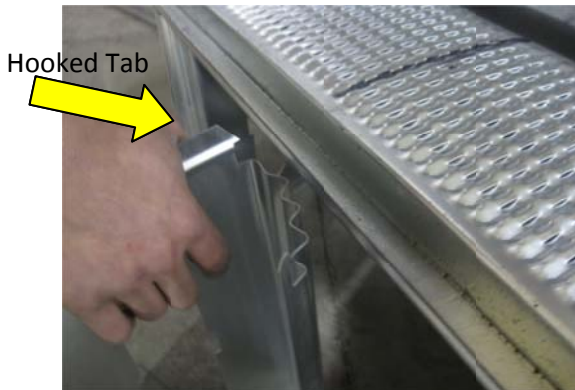
1. See previous pages for support spacing according to bin diameter and eave height.
2. Install the unload system with the pivot point of the sweep EXACTLY centered.
3. Determine the centerline of the unload to the back side of the bin. You may count bolt spaces to locate this point. Mark the bin wall at this point at 14" above concrete.
4. Chalk line the floor to locate the floor supports. One line is at $\frac{1}{4}$ spacing ($\frac{1}{4}$ S Dimension) on either side of the unload. Continue spacing at S to the left & right of the unload as patterned above. The next support location is staggered between the previous ones.
5. Mark the top of the shortest plank in the middle ($\frac{1}{2}$ length). Turn the plank upside down and install the required supports inside the plank rails. All tabs must be inside the rails with the notches hooking the male edge.



- Carefully turn the plank over and place it against the wall. The line on the back wall at 14" must line up with the center line of the plank. The corners of the plank must be against the wall.



- Position the next row of supports so that the hooked tab is facing the back wall on the correct chalk line. These supports will alternate from previous chalk lines.



- Extra supports may be required at the ends if the plank extends more than 6" past the support. This usually occurs on the first planks and the last planks. In the middle planks each side of a support usually supports two planks. You may have to turn the first few planks over to place a support on the ends.



9. Lay the female edge of the plank on top of the support as in step 5 and drop the back side (male edge) onto the previous plank. Be certain that all the raised tabs are between the rails and not exposed. The floor WILL FAIL if this is not done correctly.



10. Walk or stomp the back edge of the plank to snap and lock it into place. It helps for someone to hold the plank in place or to keep your weight on the female side while doing this. Be sure to keep the floor against the back wall and do not let it "WALK" away from the wall. You may need to bolt a few pieces of flashing to the wall and screw them down to the floor if this is a problem.



11. Repeat this process, ensuring correct support spacing.
12. When you come to the gates in the unload system, cut out the floor plank close to the opening. Hopper flanges provided with the unload system will flash between the floor and unload gate.
13. Using the bolts, washers, and nuts provided, place the left hole of the flashing on the hole in the vertical seam. Moving clockwise, place the next flashing piece in the next 2 holes. It is IMPORTANT TO INSTALL the FLASHING IN A CLOCKWISE MANNER and to tuck the last piece under so that you are always stepping up with the sweep wheel as it moves clockwise. Note that the flashing does not overlap at a bolt.



14. Be sure that the corners of the flashing nest well while tightening.



15. Again being sure of good nesting, screw down the corners of the flashing. Then screw down in the valleys of the floor. This process will “stretch” a tight fit over the crown of the floor. Add additional screws as necessary.



16. Split floors (some 42' and 48' and larger) are past center and short of center on any given length. Alternate the splices from side to side. Both sides of the splice need to be supported. Splice plates are provided to screw down over the splices.