A Guide to Modifying a Stall for Sand Use

In order to modify an existing mat or concrete based stall, you will need to purchase the following:

- 5/8” masonry drill bit with hammer drill
- 7 inch x 3/8” lag bolts – every 48 inches of stall width
- 2 inch concrete anchors
- 3 inch fender plastic washer (1/2 inch hole inside) on top of mat and under 3 3/16 inch fiberglass pipe
- 3 3/16 inch O.D. 3/16” thick fiberglass pipe (comes in 30 foot lengths with beveled ends so that they slot together, cost is around $1.00 per foot)
- 3/8” flat washer

Step 1. Pre-drill holes at the desired spacing (eg. 48”) in the fiber glass pipe
**Step 2.** Clean off existing platform. If there are mats, they can be left in place. Mattresses should be removed to bare concrete.

**Step 3.** Line up pipe along back of stalls and locate positions for anchoring pipe.

**Step 4.** Drill holes in concrete for concrete anchors.
**Step 5.** Locate the bolt in the concrete anchor and fit the washers/spacers to leave a small gap below the pipe.

**Step 6.** Tighten all bolts and washers and smooth off any rough edges

**Step 7.** Fill with sand and watch the cows!