

4715.2360 SIZING OF OFFSETS ON DRAINAGE PIPING.

Subpart 1. **Offsets of 45 degrees or less.** An offset in a vertical stack with a change of direction of 45 degrees or less from the vertical may be sized as a straight vertical stack.

Subp. 2. **Offsets of more than 45 degrees.** A stack with an offset of more than 45 degrees from the vertical shall be sized as follows:

A. The portion of the stack above the offset shall be sized as for a regular stack based on the total number of fixture units above the offset.

B. The offset shall be sized as for a building drain branch, part 4715.2310, subpart 2.

C. The portion of the stack below the offset shall be sized at least as large as the offset.

Subp. 3. **Above highest branch.** An offset above the highest branch connection is an offset in the stack vent and shall be considered only as it affects the developed length of the vent.

Subp. 4. **Below lowest branch.** In the case of an offset in a soil or waste stack below the lowest branch connection, there shall be no change in diameter required if the offset is made at an angle of not greater than 45 degrees from the vertical.

If such offset is made at an angle of greater than 45 degrees from the vertical, the required diameter of the offset and the stack below it shall be sized as for a building drain. (Part 4715.2310, subpart 2.)

Statutory Authority: *MS s 326.37 to 326.45; 326B.43 to 326B.49*

History: *L 2007 c 140 art 6 s 15; art 13 s 4*

Published Electronically: *May 14, 2012*