Adjacent walls may have different widths based upon pipe configuration, but structure must be rectangular.

1. Cast-in-place base shown. If base is precast integral with walls, the footprint of the base is not required to extend beyond the outer edge of the walls.
2. Wall widths vary with pipe diameter and range from 40 inches minimum to 77 inches maximum. Provide 6 inches of wall width (minimum) each side of pipe opening.
3. Provide two #4 hoop bars at top opening and at all pipe openings.
4. 7 inch minimum wall height above all pipes.
Place a minimum of one w1 bar above each pipe opening.

Mark | Size | Location | Shape | Length | Spacing
--- | --- | --- | --- | --- | ---
$t_1$ | See Table | Top | Long Wall plus 8” | 6”
$t_2$ | See Table | Top | Short Wall plus 8” | 6”
b1 | See Table | Base | Long Wall plus 14” | 12”
b2 | See Table | Base | Short Wall plus 14” | 12”
w1 | See Table | Walls | Long Wall plus 8” | 12”
w2 | See Table | Walls | Short Wall plus 8” | 12”
w3 | See Table | Walls | Wall Height minus 4” | 12”

Wall widths vary with pipe diameter and range from 40 inches minimum to 77 inches maximum. Provide 6 inches of wall width (minimum) each side of pipe opening.

Provide two #4 hoop bars at top opening and at all pipe openings.

Diameter of Largest Pipe, D | Minimum Bar Size
--- | ---
48” or 54” | 8
33” to 42” | 5
30” or smaller | 4