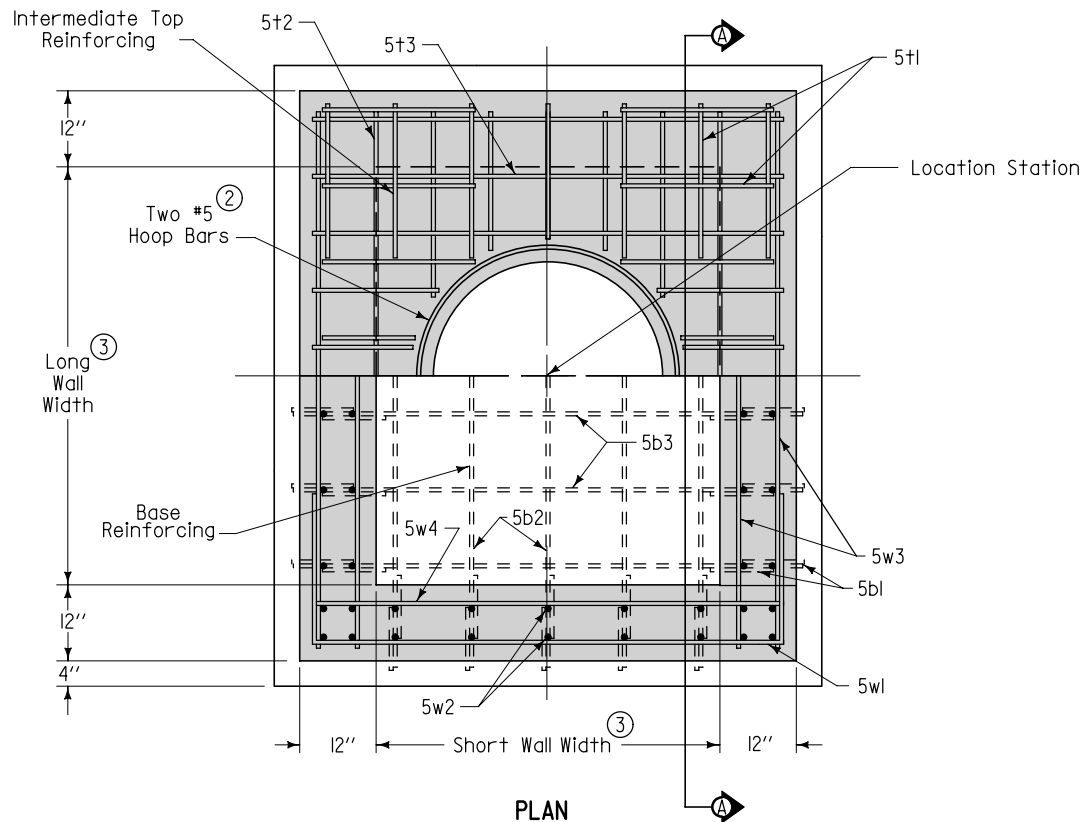
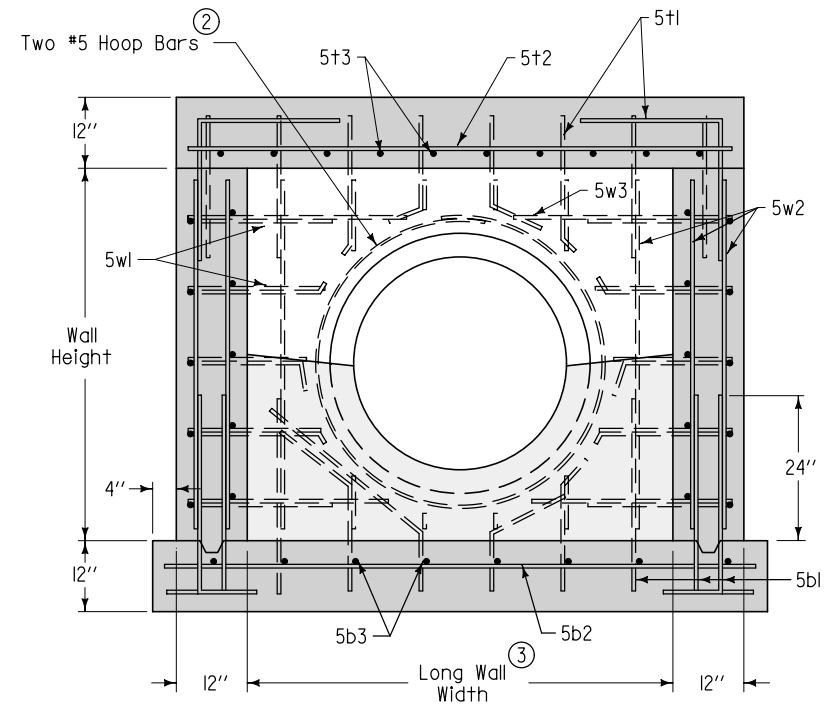


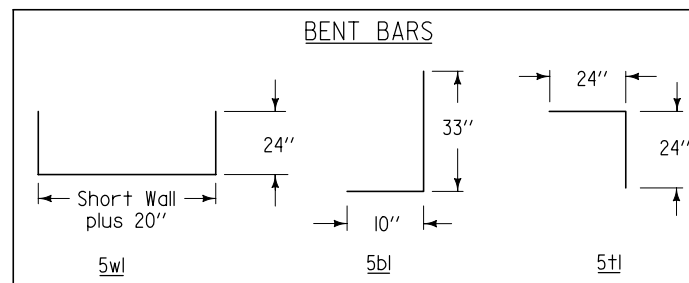


- ② Provide two #5 hoop bars at intermediate top opening and at all pipe openings.
- ③ Wall widths vary with pipe diameter and range from 4 feet minimum to 10 feet maximum. Provide 12 inches of wall width (minimum) each side of pipe opening.



SECTION A-A

REINFORCING BAR LIST					
Mark	Size	Location	Shape	Length	Spacing
5t1	5	Top	L	48"	12"
5t2	5	Top	—	Long Wall plus 20"	9"
5t3	5	Top	—	Short Wall plus 20"	9"
5t4	5	Top	—	8"	12"
5b1	5	Base	L	43"	12"
5b2	5	Base	—	Long Wall plus 26"	12"
5b3	5	Base	—	Short Wall plus 26"	12"
5w1	5	Wall	U	Short Wall plus 68"	12"
5w2	5	Wall	—	Wall Height minus 4"	12"
5w3	5	Wall	—	Long Wall plus 20"	12"
5w4	5	Wall	—	Short Wall plus 20"	12"



SUDAS FIGURE 6010.404 REVISIONS: New. Replaces SUDAS Type "M-D" Manhole SUDAS DIRECTOR Deanna Mielke DESIGN METHODS ENGINEER	Iowa Department of Transportation STANDARD ROAD PLAN	REVISION NEW 04-21-09 SW-404 SHEET 2 of 2	
		RECTANGULAR BASE/ CIRCULAR TOP STORM SEWER MANHOLE	