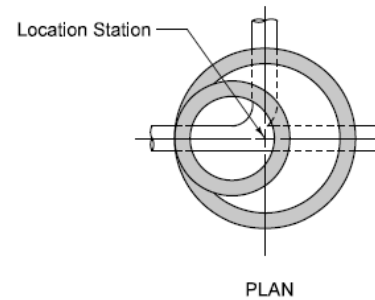
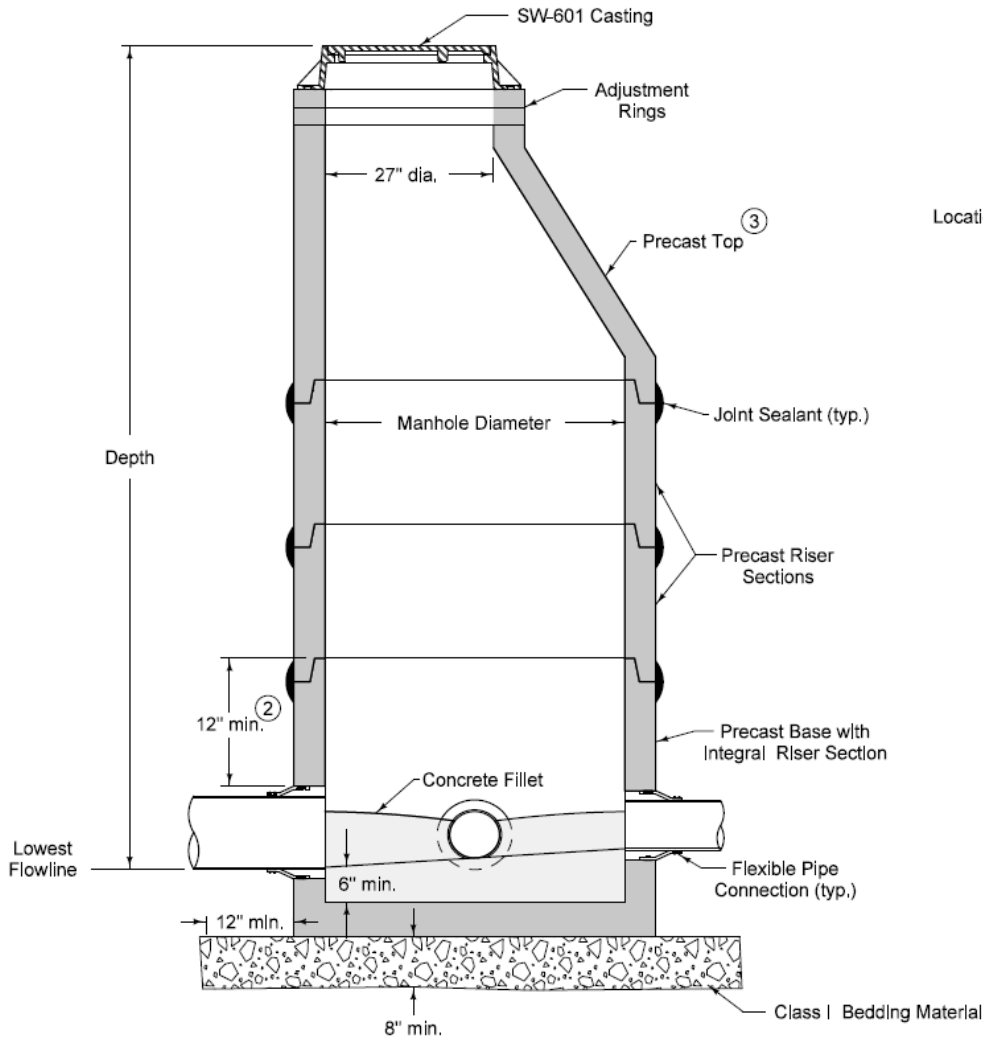


If manhole depth exceeds 20 feet, install steps.

Install infiltration barrier.

- ① For additional configurations, maintain a minimum of 12 inches of concrete between vertical edges of pipe openings.
- ② 12 inch minimum riser height above all pipe openings.
- ③ When specified, provide an eccentric flat top in lieu of eccentric cone section.



Manhole Diameter (inches)	Manhole Floor Thickness (inches) per ASTM C478	Maximum Pipe Diameter (inches) for 2 Pipes	
		At 180° Separation	At 90° Separation
48	6	24	18
60	8	36	24
72	8	42	30
84	8	48	36
96	8	60	42

Manhole Diameter (inches)	Maximum Pipe Diameter (inches) for 2 Pipes	
	At 180° Separation	At 90° Separation
48	24	18
60	36	24
72	42	30
84	48	36
96	60	42

FIGURE 6010.301 SHEET 1 OF 1

TYPICAL SECTION

FIGURE 6010.301		STANDARD ROAD PLAN	SW-301
			SHEET 1 of 1
CIRCULAR SANITARY SEWER MANHOLE			