

Maximum pipe diameters are set based on maximum structure depth of 6 feet-6 inches and the objective of placement of the centerline of the pipe on the centerline of the manhole opening for maintenance purposes.

Refer to SW-514 for boxout details.

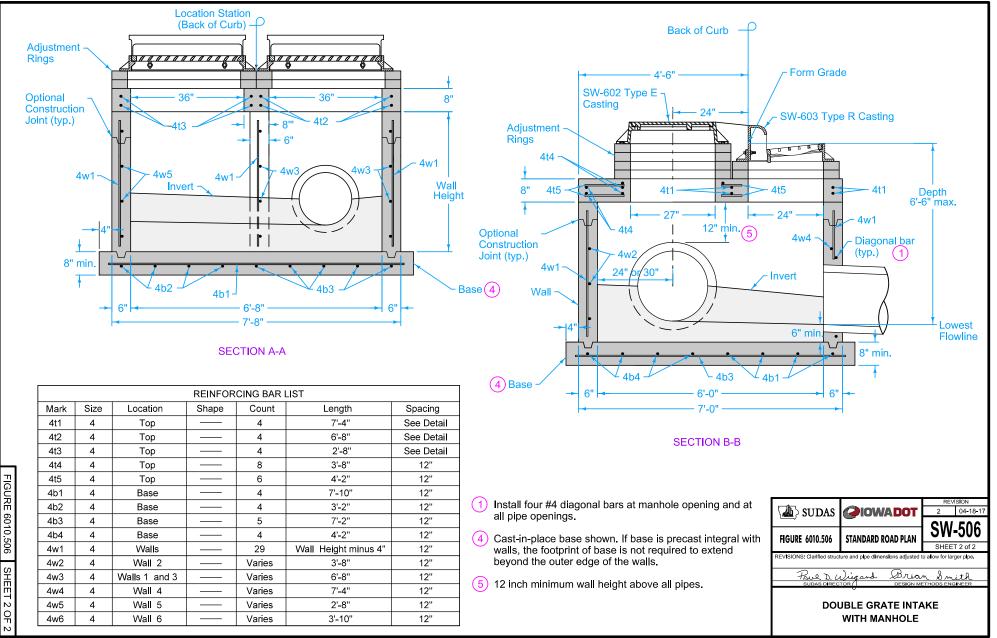
 Install four #4 diagonal bars at manhole opening and at all pipe openings.

2 If Wall 1 is widened to 4 feet, the maximum pipe diameter can be increased to 36 inches.

(3) If Wall 1 is widened to 4 feet, the maximum pipe diameter in Wall 3 can be increased to 42 inches.

MAXIMUM PIPE DIAMETE		
Wall	Max. Dia.	
1	30" (2)	
2	24"	
3	36" (3)	
4	42"	

SUDAS			04-18-17		
	-	SW-506			
FIGURE 6010.506	STANDARD ROAD PLAN				
		SHEET 1 of 2			
REVISIONS: Clarified structure and pipe dimensions adjusted to allow for larger pipe.					
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SUDAS DIRECTOR DESIGN METHODS ENGINEER					
DOUBLE GRATE INTAKE WITH MANHOLE					



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