

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.

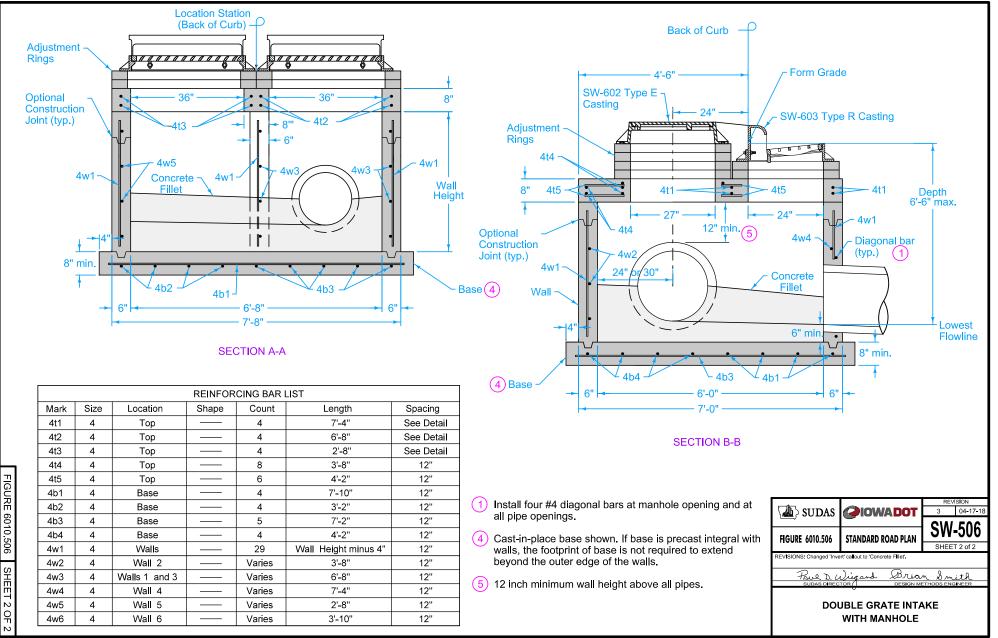
1 Install four #4 diagonal bars at manhole opening and at all pipe openings.

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 DIAMETERS		
Wall	Max. Dia.	
1	30" (2)	
2	24"	
3	36" (3)	
4	42"	

SUDAS	OIOWADOT	REVISION 3 04-17-18		
FIGURE 6010.506	STANDARD ROAD PLAN	SW-506		
		SHEET 1 of 2		
REVISIONS: Changed 'Invert' callout to 'Concrete Fillet'.				
Rul D. Wigard Brian Smith SUDAS DIRECTOR DESIGN METHODS ENGINEER				
	TOR/ DESIGN ME	ETHODS ENGINEER		



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