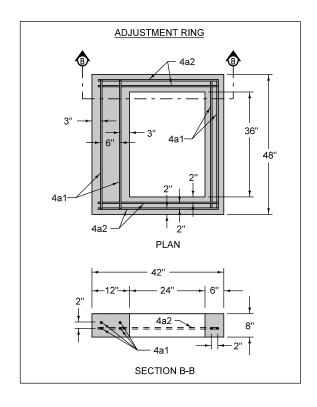


1 Install four #4 diagonal bars at manhole opening and at all pipe openings.



			REINF	ORCING B	AR LIST	
Mark	Size	Location	Shape	Count	Length	Spacing
4t1	4	Тор		11	3'-8"	6"
4t2	4	Тор		8	5'-2"	6"
4b1	4	Base		8	4'-2"	13"
4b2	4	Base		5	8'-2"	10"
4a1	4	Adj. Ring		6	3'-8"	See Adj. Ring Plan
4a2	4	Adj. Ring		4	3'-2"	See Adj. Ring Plan
4w1	4	Walls		13	Wall Height minus 4"	12"
4w2	4	Walls		11	Wall Height minus 16"	12"
4w3	4	Long Walls		Varies	7'-8"	12"
4w4	4	Short Walls		Varies	3'-8"	12"

MAXIMU	MAXIMUM PIPE DIAMETERS				
Pipe	Precast	Cast-in-place			
Location	Structure	Structure			
Short Wall	18"	24"			
Long Wall	30"	36"			

	⊘ IOWADOT				
FIGURE 6010.504	STANDARD ROAD PLAN	SW-504			
REVISIONS: Added Class I		SHEET 2 of 2			
Paul D. Wigard Substitution Design Methods Engineer					