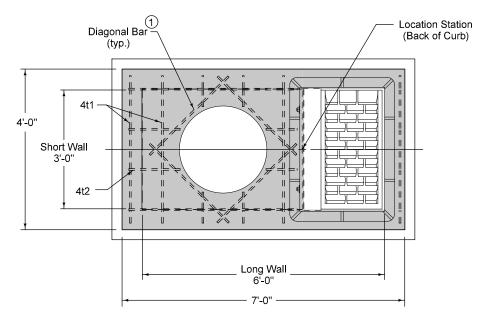


Install four #4 diagonal bars at manhole opening and at all pipe openings.



PLAN

REINFORCING BAR LIST										
Mark	Size	Location	Shape	Count	Length	Spacing				
4t1	4	Тор		12	3'-8"	12"				
4t2	4	Тор		8	4'-2"	12"				
4b1	4	Base		7	4'-2"	13"				
4b2	4	Base		5	7'-2"	10"				
4w1	4	Short Walls		Varies	3'-8"	12"				
4w2	4	Long Walls		Varies	6'-8"	12"				
4w3	4	Walls		18	Wall Height minus 4"	13"				

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

		REVISION						
SUDAS	⊘ IOWADOT	3	04-21-20					
		CIM	EN2					
FIGURE 6010.503	FIGURE 6010.503 STANDARD ROAD PLAN		-503					
1100.12 0010.000	CITATO INC.	SHEET 2 of 2						
REVISIONS: Added Class I Bedding Material.								
Paul D. Wigard Start Nide-								
SUDAS DIRECTOR DESIGN METHODS ENGINEER								
SINGLE GRATE INTAKE WITH MANHOLE								

IGURE 6010.503 SHEET 2