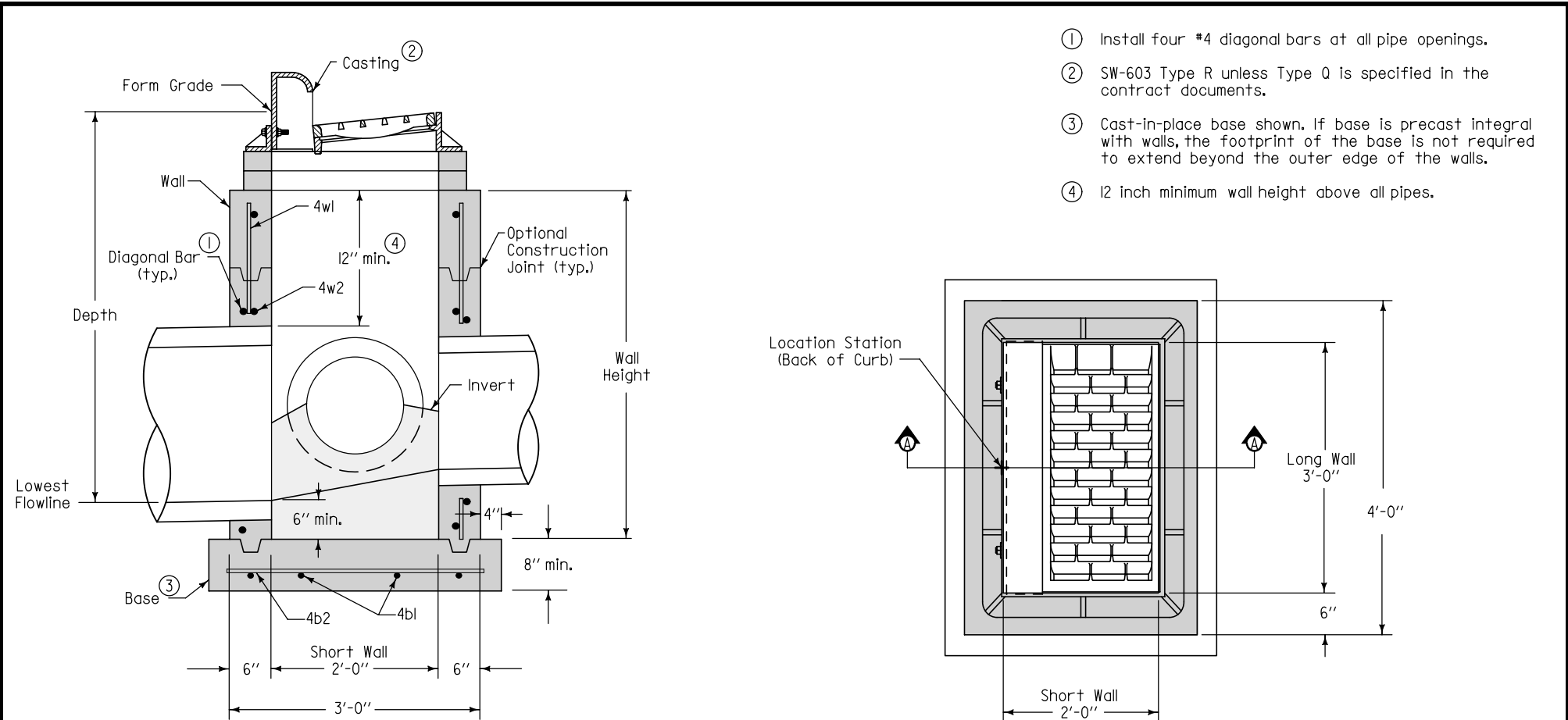




SECTION A-A

PLAN

FIGURE 6010.501 SHEET 1 OF 1

REINFORCING BAR LIST						
Mark	Size	Location	Shape	Length	Count	Spacing
4w1	4	Walls	—	Wall Height minus 4"	14	12"
4w2	4	Long Walls	—	3'-8"	Varies	12"
4w3	4	Short Walls	—	2'-8"	Varies	12"
4b1	4	Base	—	4'-2"	4	10"
4b2	4	Base	—	3'-2"	5	10"

MAXIMUM PIPE DIAMETERS		
Pipe Location	Precast Structure	Cast-in-place Structure
Short Wall	15"	18"
Long Wall	24"	30"

SUDAS	Iowa Department of Transportation	REVISION	
		NEW	04-21-09
		SW-501	
		SHEET 1 of 1	
FIGURE 6010.501 STANDARD ROAD PLAN			
REVISIONS: New. Replaces SUDAS Type "M-A" Intake.			
SUDAS DIRECTOR		DESIGN METHODS ENGINEER	
SINGLE GRATE INTAKE			