



TYPICAL SECTION

- ① Precast (shown) or cast-in-place base:
Precast: 6 inch thick concrete with #6 welded wire mesh on 4 inch centers (WWF 4"x4"). Center mesh vertically within base.
Cast-in-place: 8 inch thick non-reinforced concrete.
- ② 12 inch minimum riser height above all pipes.

INTAKE SIZE	
Outlet Pipe Diameter, DI	Minimum Riser Diameter, D2
12"	18"
15"	24"
18"	24"
21"	30"
24"	30"
27"	36"

FIGURE 6010.512 SHEET 10F 1

		REVISION
		NEW 04-21-09
FIGURE 6010.512	STANDARD ROAD PLAN	SW-512
		SHEET 1 of 1
REVISIONS: New. Replaces SUDAS Type "RCP Area" Intake. Will replace RA-64.		
 SUDAS DIRECTOR	 DESIGN METHODS ENGINEER	
CIRCULAR AREA INTAKE		