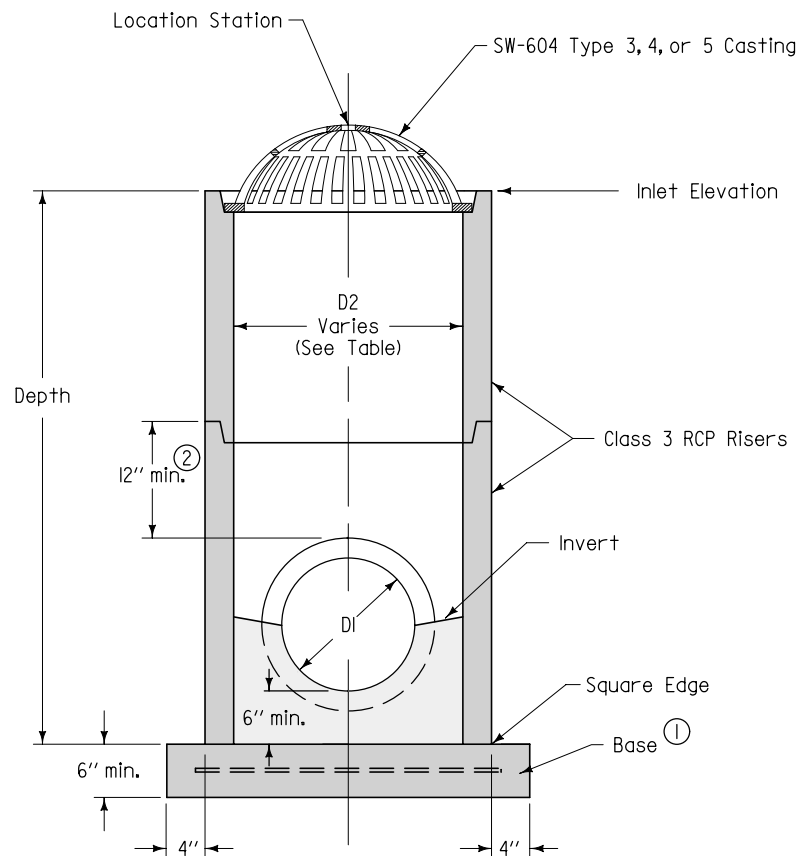




TYPICAL SECTION

- 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, D1	Minimum Riser Diameter, D2
12"	18"
15"	24"
18"	24"
21"	30"
24"	30"
27"	36"

SUDAS	Iowa Department of Transportation	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			