



- Limitations to the use of Transport and Main Roads standard drawings 1304 and 1305:
- General layout arrangement for all pipes to be in accordance with 750-2400dia pipes.
 - □ and ? to be preferably 30°, however may be increased to suit embankment
 - ∅ skew to be ≤ 10°
 - Front edge of apron to be perpendicular to forebay walls A and C
 - Type 3 Apron to be constructed
 - Concrete N32/20, 50 cover

NOTES

1. This drawing to be read in conjunction with Ipswich City Council Standard drawing SD.15.
2. Concrete to be N32/20. All workmanship and materials in accordance with AS 1379 and AS 3600.
3. Refer to project drawings for trash rack fabrication and fastener details.
4. Edges of trash rack to be flush with inside concrete forebay walls.
5. All metalwork shall be hot dipped galvanised after fabrication to AS 1650.
6. Reinforcing fabric to AS 4671. 50mm top and edge cover. Lap fabric 250mm.
7. All metalwork to be Grade 250 in accordance with AS 4100.
8. All fasteners and bolts to be galvanised in accordance with AS 1214 and AS 4680 or stainless steel.
9. Depths of concrete and reinforcing steel shown are the minimum requirements for good foundation conditions. Where this does not apply, depths of concrete and reinforcing steel shall be increased to suit site conditions.
10. Skew pipe alignment - centreline of pipe discharge to line up with centre of the forebay entry.
11. All dimensions are in millimetres unless noted otherwise.

Baffle Requirements

Baffle	Outlet pipe nominal diameter			
	300	375	450	525
B1	yes	yes	yes	yes
B2	no	yes	yes	yes
B3	no	no	no	yes

REVISIONS

AMENDMENT	INITIALS	DATE	AMENDMENT	INITIALS	DATE
F					
E					
D					
C					
B					
A					

ORIGINAL ISSUE

IPSWICH CITY COUNCIL
 45 Roderick St
 P.O. Box 191
 Ipswich QLD 4305
 Australia

Tel (07) 3810 7894
 Tel (07) 3810 7927
 Fax (07) 3810 7950

APPROVED

CHIEF OPERATING OFFICER (WPR)

DATE 29-7-13

STANDARD DRAWING

SEDIMENT FOREBAYS
 SMALL SEDIMENT FOREBAY PIPE DIA. ≤525
 LAYOUT, SECTIONS AND DETAILS

DRAINAGE

SD.16

REV: A DRAWER: 100