



- 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.
 - \square and \triangle to be preferably 30° , however may be increased to suit embankment
 - ϕ skew to be $\leq 10^\circ$
 - 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. Where joints between multiple trash racks required, provide a rigid connection, either welded or bolted.
 12. All dimensions are in millimetres unless noted otherwise.

REVISIONS					
AMENDMENT	INITIALS	DATE	AMENDMENT	INITIALS	DATE
F				L	
E				K	
D				J	
C				I	
B				H	
A				G	

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APPROVED
 CHIEF OPERATING OFFICER (WPR)
 DATE 29-7-13

STANDARD DRAWING
 SEDIMENT FOREBAYS
 LARGE SEDIMENT FOREBAY PIPE DIA. ≥ 600
 LAYOUT, SECTIONS AND DETAILS

DRAINAGE
SD.17
 REV: A DRAWER: 100