

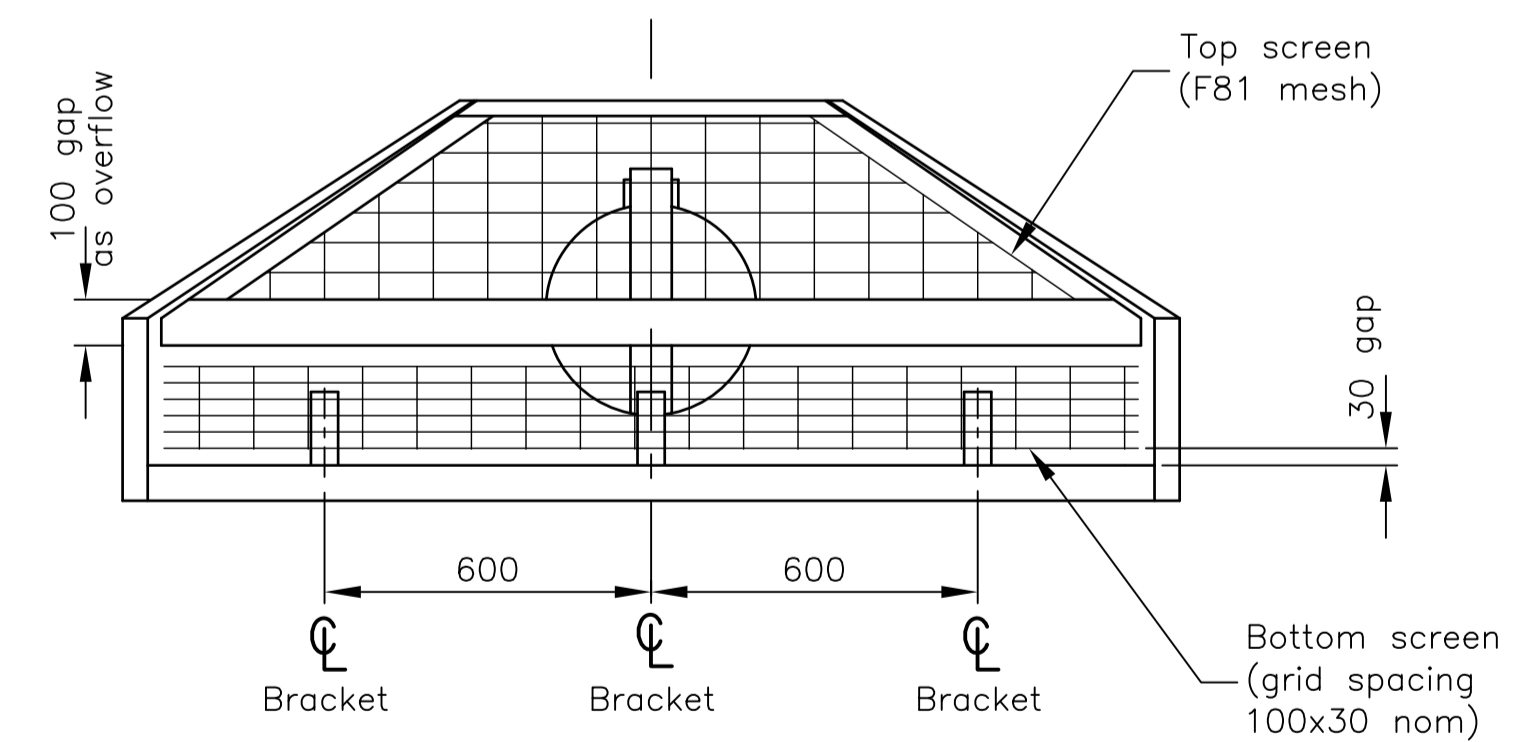
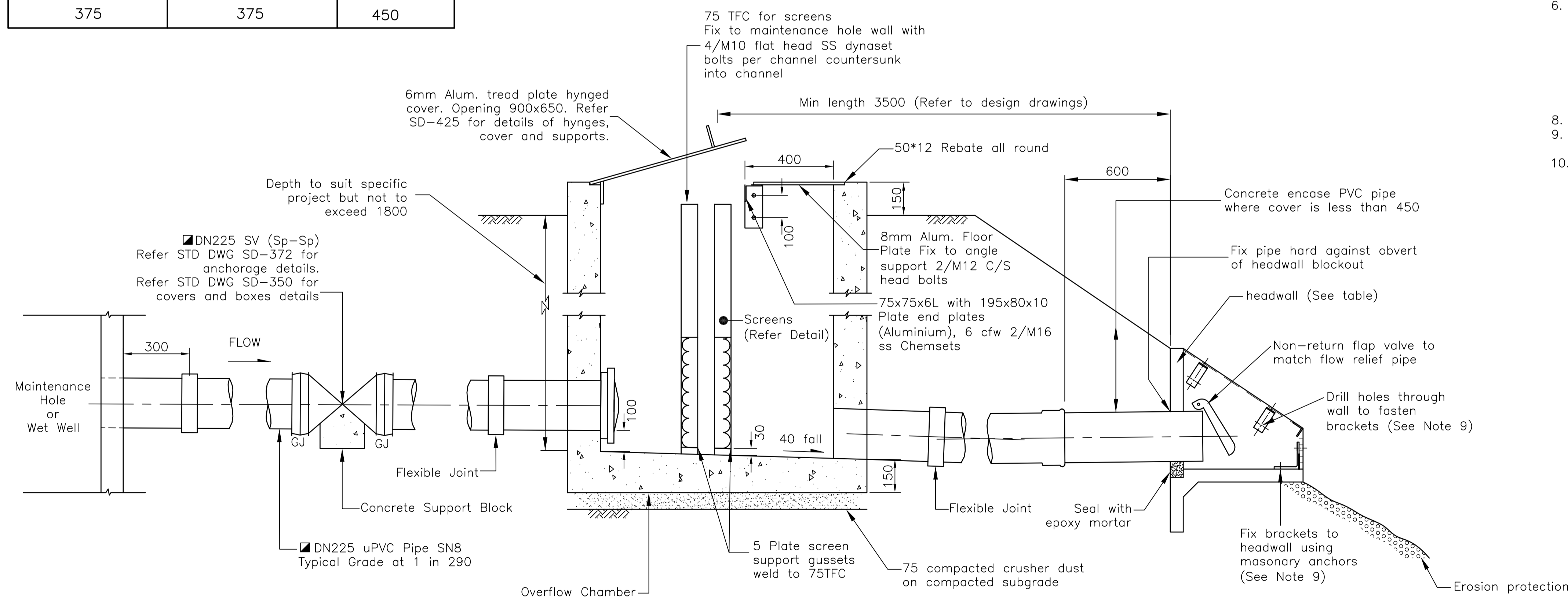
SCREEN DETAIL
(ALL ALUMINIUM 6063-T5 ALLOY & TEMPER)

STRUCTURE COMPONENT SIZES		
SEWER PIPE DN	FLOW RELIEF PIPE DN	HEADWALL SIZE
150	225	300
225	300	375
300	375	450
375	375	450

PLAN

NOTES

- All dimensions are in millimetres unless noted otherwise.
- Overflow maintenance hole arrangement suitable for sewers DN300 or smaller. For larger sewer systems special design is required.
- All dimensions marked thus \blacksquare to be confirmed based on designed size of overflow pipe.
- This drawing shows a typical arrangement only of a flow relief structure. Refer to design drawings for invert levels & location details.
- Overflow to be into an authorised discharge point.
- Flow relief pipe connection to precast access chamber:
 - Flow relief pipework should not be connected to mh through a straight back taper.
 - The depth of flow relief pipework should be such that the top or bottom of the hole in the precast component is at least 75 from a joint.
 - Make holes in the chamber walls by cutting the precast component with a concrete coring saw.
- Flow relief pipe embedment & trench fill to be to SD-460.
- Screens, brackets, fasteners and masonry anchors to be hot dipped galvanised or stainless steel min grade 304.
- Actuated control valve on overflow pipe may be required for DN300 and larger environmental overflows. Confirmation required from Townsville Water prior to overflow design.



END ELEVATION

SECTION 2-2

OVERFLOW MAINTENANCE HOLE ARRANGEMENT

NOTES : BASED ON FORMER WSAА DRAWING SEW-1412.
SUPERSEDES 34107A

Full Size A1

DRAWN: DESIGN OFFICE

CHECKED: D. MOSELEY

Design Engineer Approved: Original signed by P. TURL

Date: 26/07/2012

Manager Approved: Original signed by P. MENDIOLEA

Date: 26/07/2012



Ph: (07) 4727 9000
www.townsville.qld.gov.au

OVERFLOW MAINTENANCE HOLE ARRANGEMENT

STANDARD DRAWING
SEWERAGE

SD-445 B

No.	DATE	DESCRIPTION	AP'D
B		DESIGN AND NOTES AMENDED	
A		ORIGINAL ISSUE	
REVISIONS			