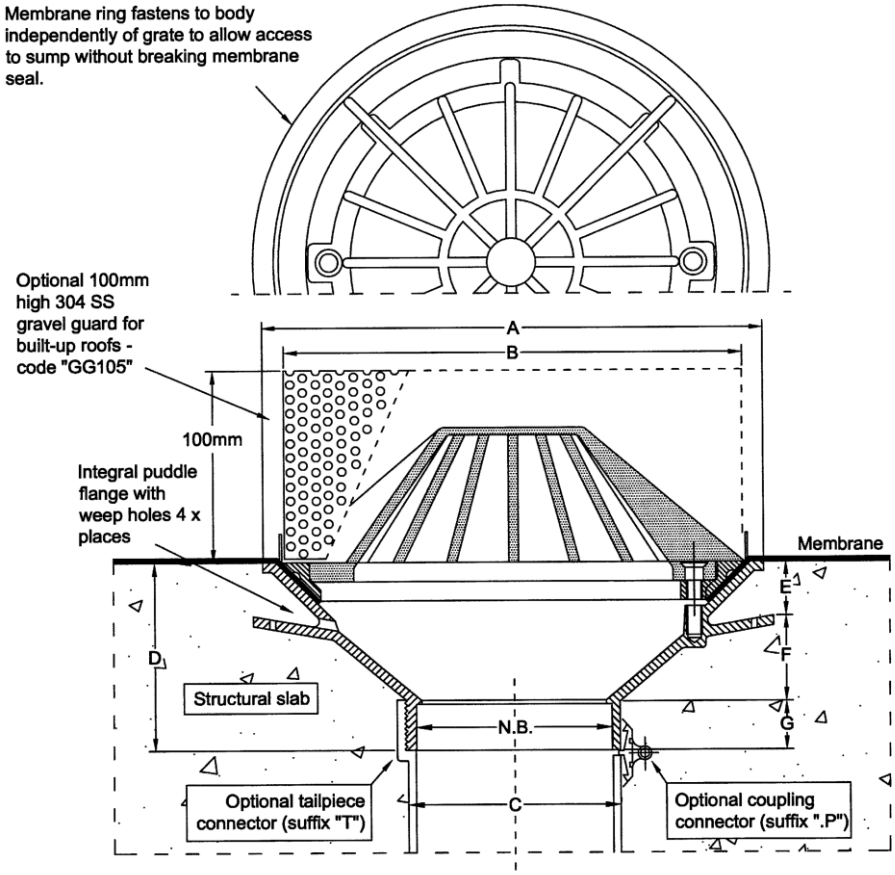
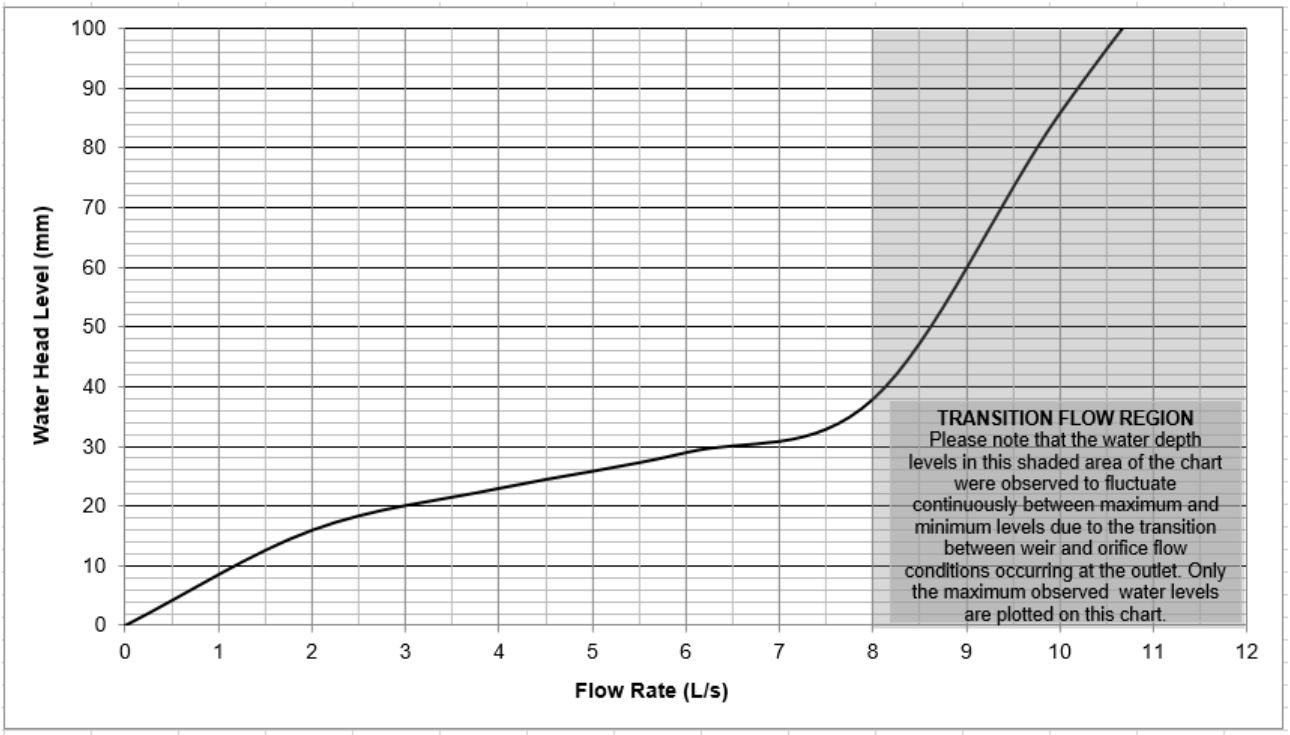
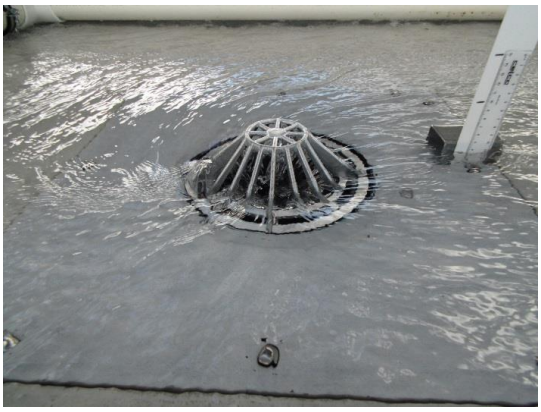
OUTLET PERFORMANCE CERTIFICATE ID: SPS022 – TIA100D2

Test Results	ID: SPS022
Description	SPS Truflo RWO
Drain Type	Dome Grate and Membrane Clamp
Model	TIA100D2
Outlet Size	100NB
Test Date	14/09/2016
Grate and Housing Drawing	 SPS Catalogue Ref: 1.04
Drain Pipe Configuration	Standard pipe configuration as shown in AHSCA test procedure. Threaded tail piece connector.

Flow Characteristic Curve – TIA100D2





Weir Flow 8 L/s (37mm)

Surcharged Flow >12 L/s

Observation Comments:

- Flow rates from 0-8.0 L/s (37mm Head) produced a linear characteristic curve with the exception of open outlet which increased water head level rapidly at 8.0 L/s.
- At 10.0 L/s the weir flow transitioned to vortex flow, cycling between vortex and surcharged flow characterised by the water level fluctuating 20mm.
- Above 12.0L/s the flow surcharged.
- The maximum flow limit to maintain weir flow conditions is 8.0 L/s.

I hereby certify that the test results presented on this outlet performance certificate are true and correct and were obtained using recognised AHSCA Gutter Outlet Testing procedures.

Dr Terry Lucke,
Chief Researcher:

Date: 7th June 2017

Mark Alexander,
AHSCA Foundation Chairman:

Date: 7th June 2017