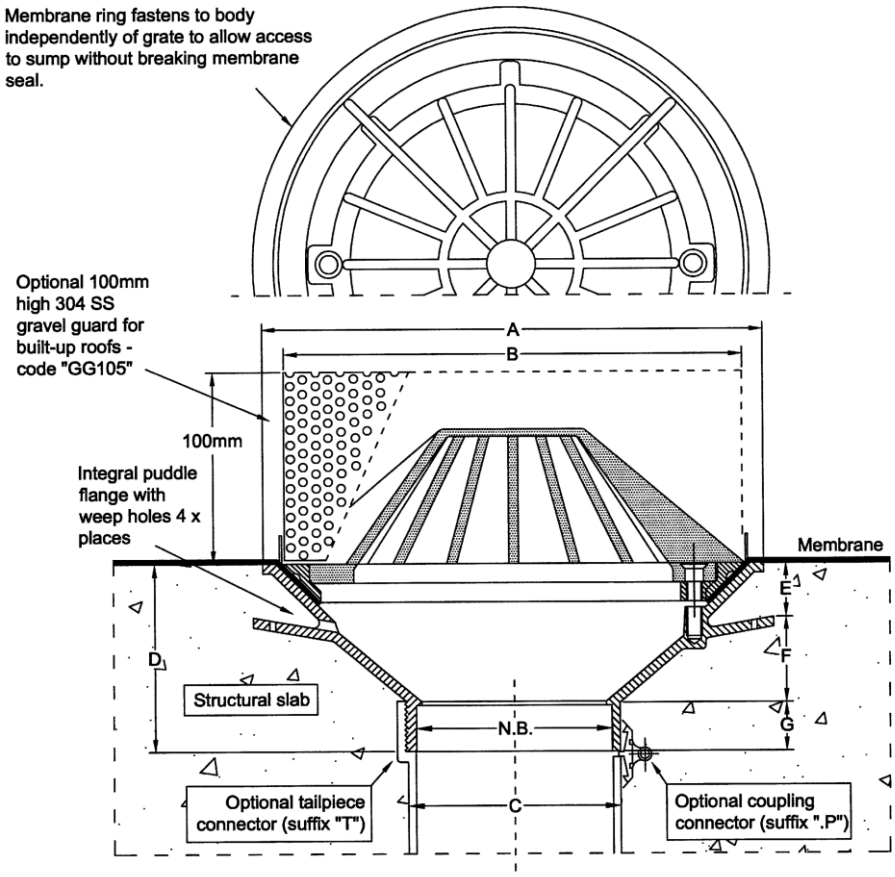
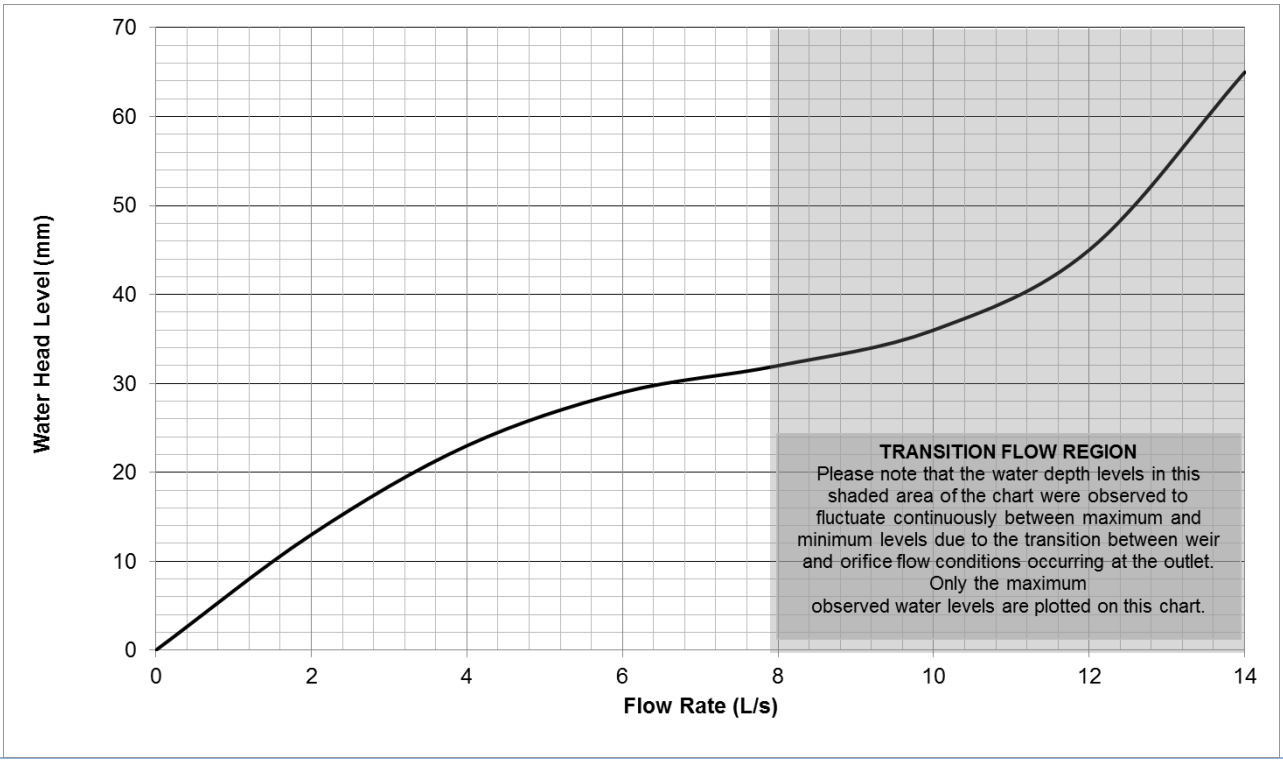
OUTLET PERFORMANCE CERTIFICATE ID: SPS025 – TIA150D2

Test Results	ID: SPS025
Description	SPS Truflo RWO
Drain Type	Dome Grate and Membrane Clamp
Model	TIA150D2
Outlet Size	150NB
Test Date	22/09/2016
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 – TIA150D2



Weir Flow – 8 L/s (30mm)

Surcharged Flow – 12 L/s (40mm)

Observation Comments:

- Flow rates from 0-8.0 L/s (30mm Head) produced a linear characteristic curve with stable water head levels.
- At 10.0 L/s the weir flow transitioned to vortex flow, cycling between vortex and surcharged flow.
- At 10.0 – 14.0 L/s the flow surcharged characterised by the water level fluctuating 10 - 20mm.
- 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: 16th November 2016

Mark Alexander,
AHSCA Foundation Chairman:

Date: 16th November 2016