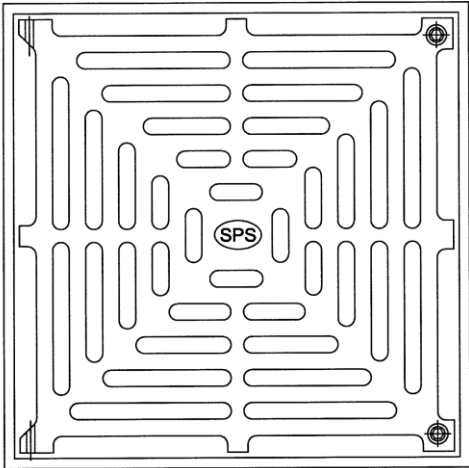
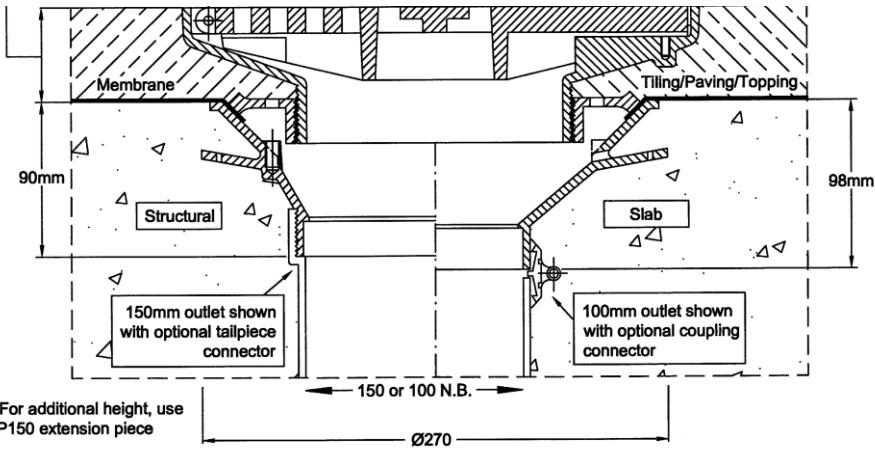
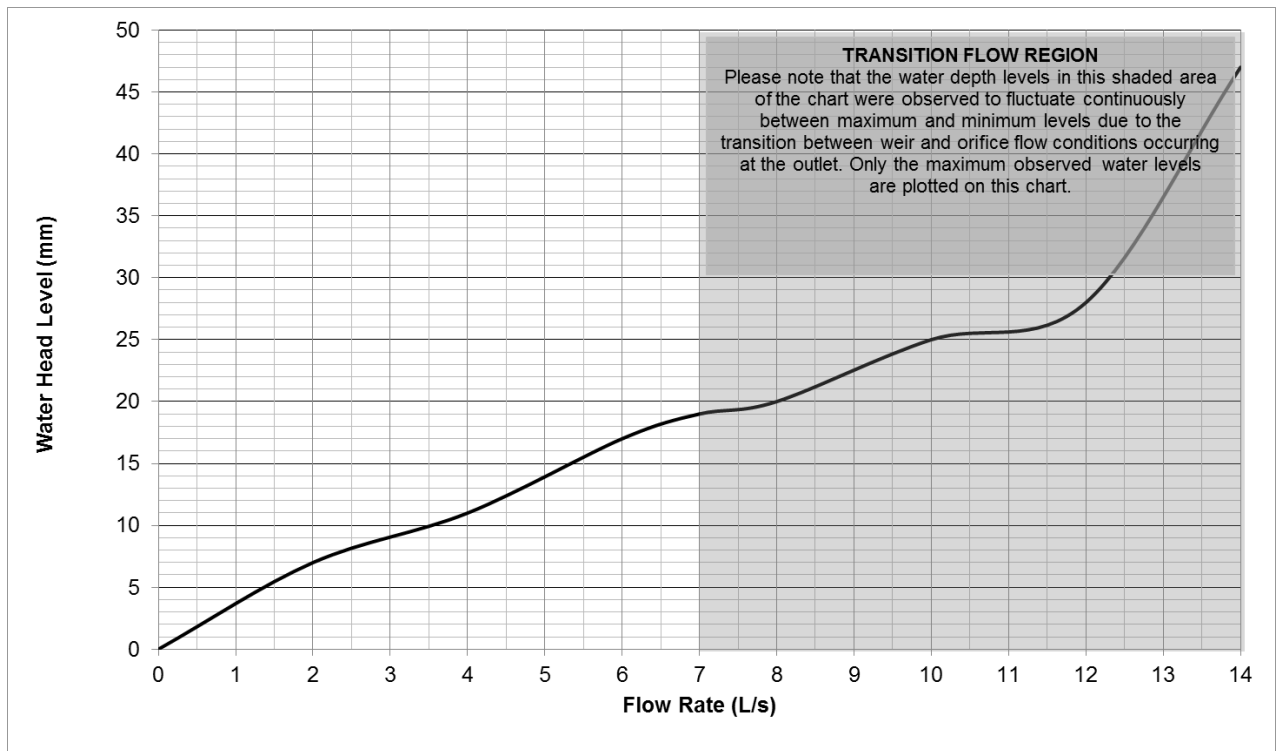


OUTLET PERFORMANCE CERTIFICATE ID: SPS019 – Q300D/150C

Test Results		ID: SPS019
Description	SPS Vari-Level Vertical Drain	
Drain Type	300mm Square	
Model	Q300D/150C	
Outlet Size	150NB	
Test Date	06/10/2016	
Grate Drawing	 <ul style="list-style-type: none"> • Height-adjustable hinged grate & frame. • Grate assembly available in nickel bronze, ductile iron and 316 stainless steel. • C150A or C150/100A CI "delux" lower body with reversible clamp collar. <p style="text-align: center;">SPS Catalogue Ref: 3.20</p>	
Housing Drawing		
Drain Pipe Configuration	<p>Standard pipe configuration as shown in AHSCA test procedure. Ductile Iron grate, Truflo Vari-level drain body with CC100 Clamp Collar. Threaded 150NB tail piece connection.</p>	

Flow Characteristic Curve – Q300D/150C



Weir Flow – 7 L/s (18mm)



Surcharged Flow – 12 L/s (25mm)

Observation Comments:

- Flow rates from 0-7.0 L/s (18mm Head) produced a linear characteristic curve which began to level out at 7.0 L/s.
- At 8.0 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 with the water head rising to rapidly to 50mm.
- The maximum flow limit to maintain weir flow conditions is 7.0 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:



Mark Alexander,
AHSCA Foundation Chairman:



Date: 16th November 2016

Date: 16th November 2016