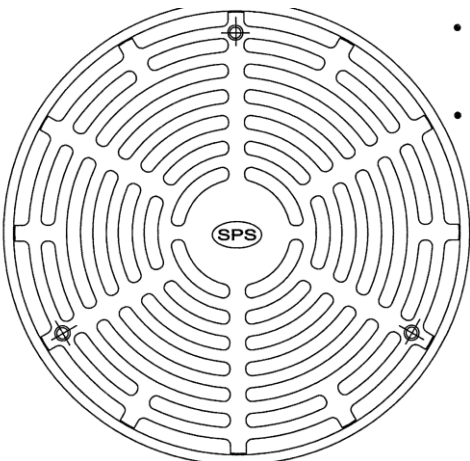
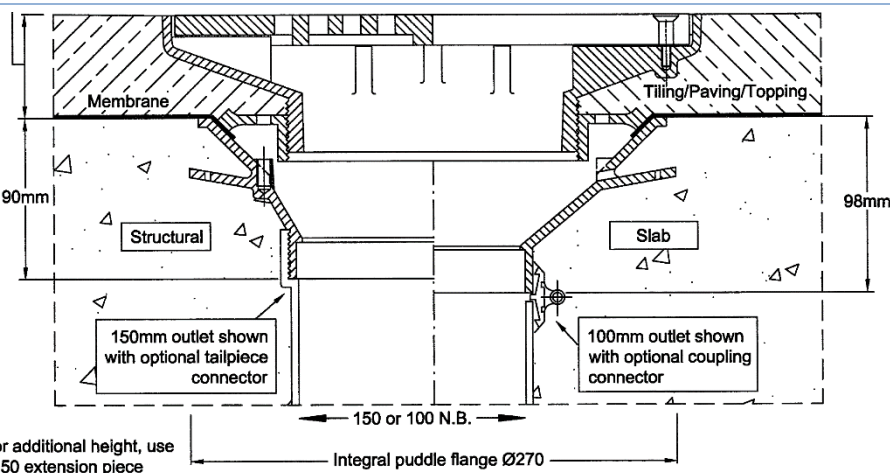
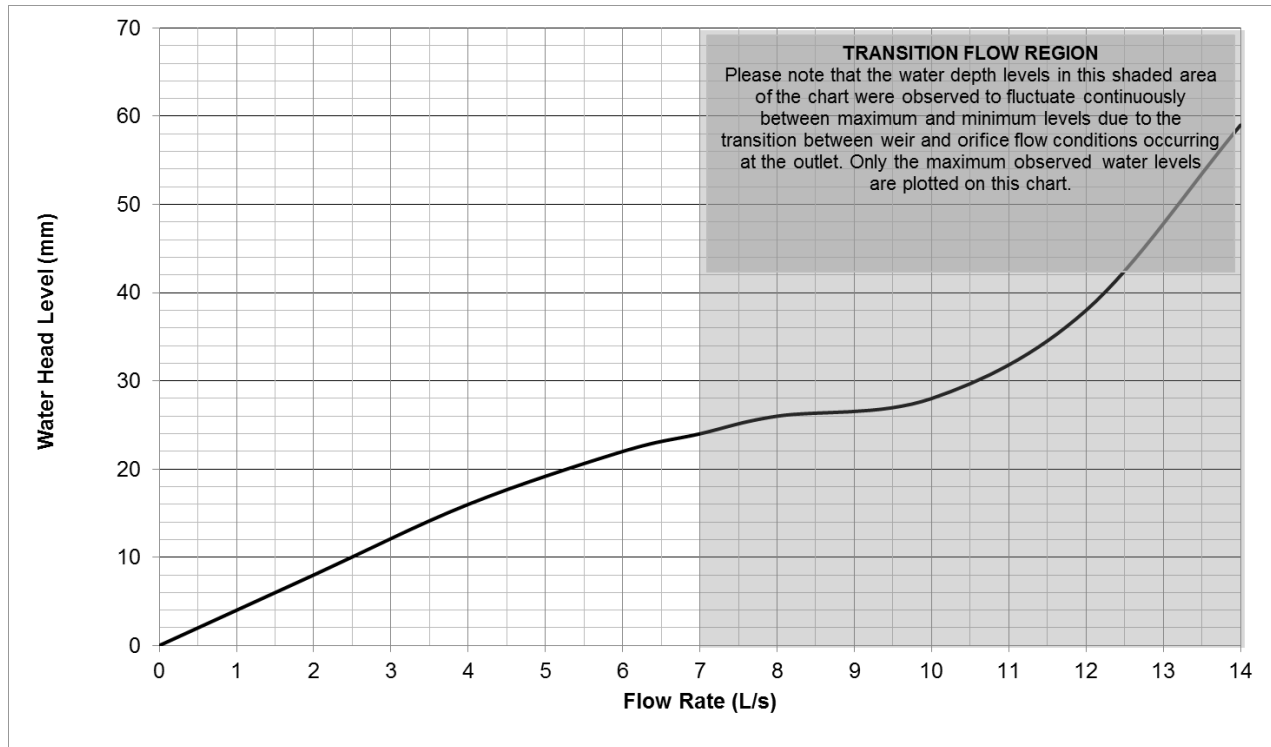


OUTLET PERFORMANCE CERTIFICATE ID: SPS020 – R300S/C150

Test Results		ID: SPS020
Description	SPS Vari-Level Vertical Drain	
Drain Type	300mm Round	
Model	R300S/C150	
Outlet Size	150NB	
Test Date	04/10/2016	
Grate Drawing	 <ul style="list-style-type: none"> Grate assembly available in galvanised ductile iron, nickel-bronze, and 316 stainless steel. 150mm or 100mm Truflor lower body with reversible clamp collar. <p style="text-align: center;">SPS Catalogue Ref: 3.19</p>	
Housing Drawing	 <p style="text-align: center;">**For additional height, use EP150 extension piece</p>	
Drain Pipe Configuration	Standard pipe configuration as shown in AHSCA test procedure. Threaded tailpiece connector 150NB.	

Flow Characteristic Curve – R300S/C150



Weir Flow – 7 L/s (25mm)



Surcharged Flow – 12 L/s (40mm)

Observation Comments:

- Flow rates from 0-7.0 L/s (25mm 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 60mm.
- 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