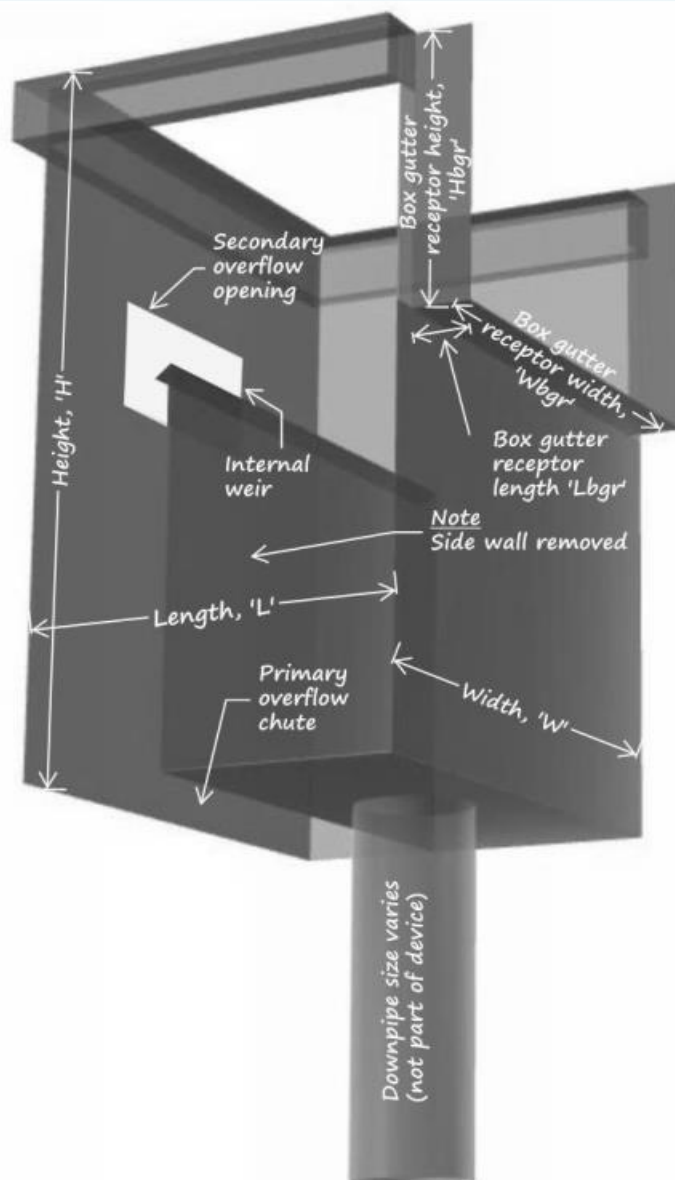


## OVERFLOW PERFORMANCE CERTIFICATE

### ID : Dam Buster 'DB 400-1' Rainhead

Test Results		ID : DB 400-1
<b>Description</b>	Rainhead complying with AS/NZS 3500.3:2015 Storm Water drainage code	
<b>Model</b>	DB 400-1	
<b>Nominal size</b>	To suit box gutters up to 400 mm wide (but > 300 mm wide)	
<b>Test Date</b>	16/01/2018	

#### Rainhead drawing & overall dimensions

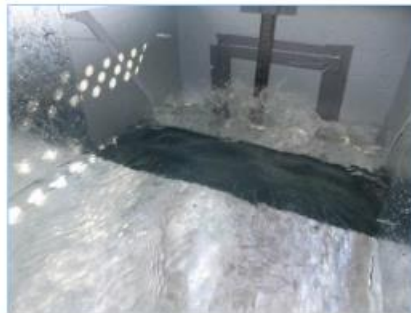
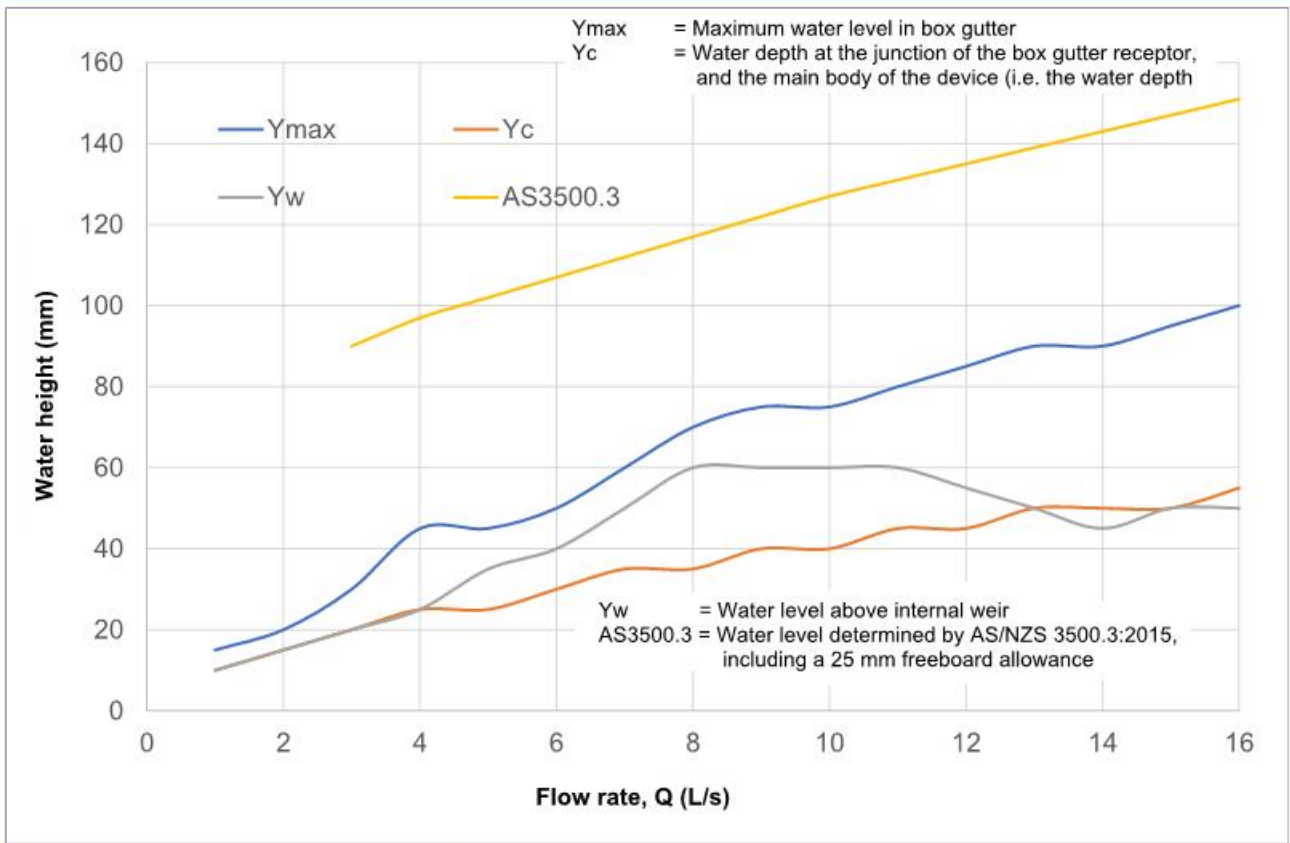


Item	Dimension (mm)	Comments
L	325	Outer
Lbgr	100	Outer
H	651	Outer
Hbgr	249	Inner
W	450	Outer
Wbgr	405	Inner

#### Downpipe Configuration Tests

The downpipe was not installed (i.e. equivalent to it being blocked) for testing of overflow capacity of device through the primary overflow. The secondary overflow was blocked for testing (this would provide additional overflow capacity)

**Flow Characteristic Curve - Dam Buster DB 400-1 Rainhead in the overflow condition**



DB 400-1, Q = 16 l/s (box gutter slope - 1 in 200)

**Observation Comments:**

- This testing relates to the overflow capacity of the device only
- The design flow capacities of the device and the box gutter must be determined in accordance with the design procedures for a rainhead provided in AS/NZS 3500.3:2015 Storm water drainage code

I hereby certify that the test results presented on this box gutter overflow device performance certificate are true and correct and were obtained using recognised AHSCA Testing procedures.

Dr Terry Lucke,  
Chief Researcher:



Date: 11<sup>th</sup> May 2018

Mark Alexander,  
AHSCA Foundation Chairman:



Date: 11<sup>th</sup> May 2018