



#### General Notes:.

1. Pipe outfall exit velocity should not exceed 1.2m/s
2. The headwall and wingwalls should not project beyond or above the line of the bank.
3. No part of the structure should cut into any flood embankment.
4. Stone pitching may be required to protect the bed and opposite bank downstream of the outfall.
5. Where required, a flapvalve must be fitted, where an outfall pipe passes through a flood defence structure, eg a floodbank, a flapvalve and manually operated penstock are required.
6. Indicative layout and dimensions.

Pipe size (mm)	Dim 'a'
150 - 300	1.5m
375 - 600	2m
675 - 900	2.5m

All dimensions in mm



Drawing Title:

## Standard Detail

### Outfall Headwall

### Environment Agency Standard Detail

Version	Amendment	Date
Checked By: <b>B. Bartlett</b>	Drawing Number: <b>SD-500-19</b>	Version: <b>-</b>
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