

Dry stone headwall. Install large flat stone as a 'splash plate' and more flat stones as required to line outfall end

Dry stone headwall with large mantle stone and other side stones. Pipe end recessed minimum 50mm from outside stone face

Minimum cover of 150mm

Pipe fall = 3.3% (1:30)

Enlarge ditch at pipe inlet end to form 750 sq nominal pit. Install large flat stones in ditch bottom

Cross Section

2500 - 4000mm long x 300 diameter twinwall PVC pipe laid on smooth pipe bedding and backfilled with granular material

Large mantle stone to be minimum. 150 thick, 300 deep and 500 wide

Low berm to prevent ditch water bypassing pipe

Path level

Side stones minimum 250 in any dimension, well bedded into path verge and ditch sides

Pipe entrance to be 50mm above bed level to provide silt trap

End View

Splash plate on outfall end only. Similar size to mantle stone. At pipe inlet end (as shown) stone may be smaller or several stones bedded together for scour protection

This standard detail is indicative only and not intended to be relied upon in specific site cases. A designer should satisfy themselves of site conditions and vary details and dimensions to suit. Paths for All accept no liability for any inaccuracies or for any loss, expense, damage or injury or accident arising from the use or application of information contained here in.



Piped Culvert Standard Detail - 300mm Diameter Twinwall Pipe

Date: 01/02/12

Scale: Not to scale

Drawn by: Technical Officer

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