

K W DORRINGTON ARCHITECTURAL ASSOCIATES

Chartered Architectural Technologist (MCIAT) & Chartered Building Engineer (MCABE C.build.E)

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8th August 2026.

Planning Dept.,
Newport City Council,
Civic Centre,
Newport.

Your Ref – 25/1043.

**SUB-DIVISION OF PLOT TO CREATE DWELLING TO REAR –
LAND TO THE REAR OF - 29, ROBERTSON WAY, MALPAS, NEWPORT. NP20 6QG.**

SOAKAWAY STANDARD DETAILS

Dear Vicky,

This sheet is to accompany the site plans and soakaway volume calculations that have already been submitted.

RAINWATER DRAINAGE

New rainwater goods to be new 110mm UPVC half round gutters taken and connected into 68mm dia UPVC downpipes. Rainwater taken to new soakaway, situated a min distance of 5.0m away from any building – see site plan, via 200mm dia UPVC pipes surrounded in 150mm granular fill.

SOAKAWAY USING CRATES

Trench of soakaway to be provided slightly largely than designed depth after porosity test (if required), but a minimum of just over 1 cubic metres from invert level of pipe. Line the trench with suitable geotextile and provide a compacted bed of coarse sand to base. Install AquaCell crate units or equivalent as manufacturer's details. Geotextile to be wrapped around crates. Provide 100mm of coarse sand between the trench walls and over the AquaCell structure. Backfill with suitable material.

The site plan lists the number of crates, as well as their sizes and topographical levels.

Kevin Dorrington

K.W. Dorrington MCIAT MCABE (C.Build E)

COMPANY NUMBER 16140564



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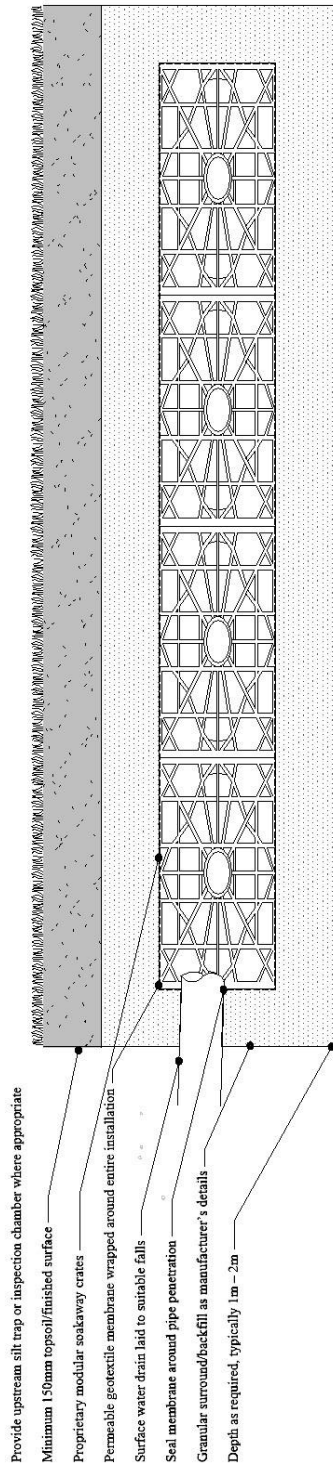
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Soakaway to be designed and constructed in accordance with Approved Document H and BRE Digest 365.
Soakaway crates to be proprietary modular units installed flat in accordance with manufacturer's details.



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