



SuDS Compliance

*Extension to existing dwelling at
21 Wainsfort Drive,
Terenure,
Dublin 6W.*

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Kavanagh Ryan & Associates Limited.

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1.0 Introduction:

This report is to be read in conjunction with Kavanagh Ryan Associates drawing 23002-2.

Planning permission register reference SD22B/0377 was granted for single storey extensions to the rear and side and for an attic conversion.

Condition 6 of the final grant requires the submission of proposed SuDS features. This report is to detail the proposed method of SuDS compliance for the proposed extension.

2.0 Storm Water Management:

Roof area of the Existing building is 97m² and the roof area of the proposed building is 123m². The additional area of roof is therefore 26m².

The proposal is for the stormwater to discharge to a rainwater planter designed to take the additional area of roof and to overflow to the existing separate stormwater sewer crossing the rear of the property as indicated in our drawing 23002-2.

The size of the rainwater planter is in accordance with the Dublin City Council guide to rainwater planters as follows:

Size required = additional area of roof 26m² x 0.0254 = 0.66m³.

Size provided = 0.6 x 0.6 x 5.0m = 1.8m³ > 0.66m³, therefore ok.