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Design Statement

Bush Cottage, Botley Road, Fair Oak



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Mr. and Mrs. Donnell would like to improve the thermal qualities of their windows and doors. The majority of the windows and doors are modern night vented windows constructed from soft wood and painted. Many are in a poor state of repair, are single glazed and draughty.



The original ground floor cottage windows W1 and W3 are however historic to the building though now rotting beyond economic repair and incapable of being weatherstripped or double glazed without significant interventions.

W1 and W3 are however of interest being an unusual design with projecting mullions and jambs. The cottage was for four generations until recently (possibly mid-20th century) the home of wheelwrights and it is not inconceivable the windows were made by them based on their knowledge and trade.

In designing new double glazed windows for Bush Cottage, W1 and W3 have been taken as patterns for the ground floor windows with a flush faced pattern for the first floor windows, again matching the historic W2 and W4 of the original building.

Often with new double glazing the glazing bars are wide to accommodate and cover the glazing seals.

Slimlite glazing, manufactured by Slimlite Double Glazing Co Ltd in Scotland. Their double glazing utilises a 5 mm perimeter seal allowing for 7 mm glazing rebates in traditional putty, combined with 4mm feathers giving an overall glazing bar width of 18mm, similar to the original glazing bar thickness, allowing us to design and construct windows to match the original W1 and W3.

All new windows will be double glazed, weatherstripped all round and constructed from hardwood with a paint finish.

Doors have been designed in a with a more modern touch of glazed panels in hardwood frames without glazing bars. Where the bottom of the door is solid boarded panel they have gunstock jambs in a traditional form of construction.

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