

## Design Statement

### Replacement of 16 existing timber sash & case windows to dwelling at The Stable Masters House, 1 The Mews, Sundrum

#### Proposal

The proposal is to remove existing white painted single glazed timber sash & case windows and replace them with new white double glazed timber sash & case windows as shown on accompanying drawings. The fenestration arrangement and the overall design and colour of the doors remain the same (please see drawings attached for details).

The reasons for the proposed replacement are:

- **The existing timber window units are single glazed & poor fitting. This results in a large volume of heat loss, typically up to 25% of all heat loss in buildings of this period & character.**
- **As the existing units are single glazed this results in large volumes of condensation build up, this requires continual maintenance and results in unsightly pooling, damp penetration and further damage to the building fabric.**

The existing dwelling also suffers from draughts and a coldness coming through the existing single glazed timber framed windows which causes discomfort to the occupants of the rooms concerned.

Some of the existing windows are also unable to be opened and therefore do not provide the residents with alternative means of fire escape nor do they provide adequate ventilation to any of the rooms.

We understand that the building is a cat B listed building hence the reason why we have decided to use timber sash & case windows which will match the existing windows. By choosing this type of window we believe it will have the least amount of impact upon the external appearance of the building while providing the occupants with a more comfortable living environment due to the increased thermal performance provided by the new double glazed windows.