

Alterations to Standing Stone and Standing Stone Terrace Bants Carn St.Marys, Isles of Scilly for Mr & Mrs A May



DESIGN STATEMENT

November 2016

1. BACKGROUND

Standing Stone and Standing Stone Terrace are two holiday cottages owned by Andrew and Juliet May at Bants Carn on the Northern shores of St.Marys. There location is quite spectacular with impressive views around the Isles of Scilly archipelago.

Plans for the conversion and extension of the former army 'block-houses' were prepared by Terry Hiron in 1991. The conversion work was carried out almost immediately and the newly created holiday cottages soon became a popular destination.

Although routine maintenance has been carried out the property has now reached a stage where certain building elements either need replacing or seriously re-furbishing. Feedback from visitors has been extremely useful and has helped to inform a programme of improvement planned for 2017. This report explains the design changes that require detailed planning approval and supports a planning application to the Isles of Scilly Council.



Above: Extract from Seaways Holiday Home page on website www.julietsgardenrestaurant.co.uk

2. OBJECTIVES / DESIGN BRIEF

Both holiday homes have inverted accommodation with living spaces at first floor level and bedrooms below. Plans are included with application showing the internal layout. One of the most exciting features of both cottages are the open living spaces that lead into conservatories with outdoor terraces beyond. From these vantage points there is a wonderful panoramic view of the islands looking due West towards Sampson and panning round to Tresco and St.Martins.





The photographs above show the two conservatories to Standing Stone (top) and Standing Stone Cottage (below). These structures are constructed from treated timber and have been glazed with double glazed clear sealed units.

The conservatories are now over 25 years old and, although they have served Standing Stone well over the years, they are nearing the end of their natural life. The photographs below illustrate some of the practical issues. The fenestration receives the full force of the elements as they face the prevailing winds. In such an exposed location softwood is not the most durable building material and requires constant maintenance. Also the many of sealed window units have failed so it is frustrating that the island views are obscured from inside the cottages. It is now time to look at either replacing most of the units or consider replacing the conservatories with higher-performance glazing systems.



A secondary issue is occasional overheating in the summer. Although the conservatories can work well as 'solar greenhouses' in cooler conditions, in high summer internal temperatures rise and doors and windows have to be opened to create a through draught and maintain comfortable levels.

3. NEW DESIGN PROPOSALS / PLANNING NEGOTIATIONS

Mike Bradbury Design has been commissioned to prepare designs for replacement conservatories on either end of the building. Drawings are included with the planning package and an extract showing the front elevation is included below.

The proposals involve the replacement of the roof glazing with a new natural slate roof, new cedar cladding on the high conservatory gables and complete replacement of the glazing system with high performance aluminium conservatory windows.



Front (West) Elevation

The elements of the new designs can be summarised as follows:

- The existing timber conservatories are to be removed, taking care to retain existing structural piers, beams and purlins
- The timber roof structure will be upgraded and new dry-laid slate roofs constructed. The plane of each roof will be slightly lower than the main cottage roof as shown in the elevation above. Slate sizes and ridge details will match the existing roof
- New conservatory high-performance aluminium glazing will then be installed by specialists. The glazing will be purpose designed to withstand extreme weather conditions using the latest technologies and will be compliant with current Building Regulations
- Each gable will be clad with horizontal cedar weather-boarding aligning with the fascia boards
- Out-dated metal balustrading to the Standing Stone outdoor area will be replaced with modern frameless glazing

These alterations will have a number of benefits. Combined with other repairs and restoration work they will give Standing Stone a new lease of life. The new glazing and untreated weather-boarding will be low maintenance and have a much longer life-span than the previous softwood construction. An insulated slate roof and gable panels will help to keep the properties cooler in summer and warmer in the cooler shoulder seasons. The slate roofing will also enhance the appearance of the building and will create a more robust pair of cottages. The proportion of the glazing has also been improved and slimmer mullions will help to preserve the best possible views from the indoor living spaces.

These designs have already been presented to the Isles of Scilly planning department at a meeting on 18 October 2016. The designs were well received and it was agreed that sketch proposals would be developed to detailed planning stage.



Michael R Bradbury RIBA 17 November 2016