





**The Island Hall Project:** The island of St Agnes is the most westerly populated island within the Isles of Scilly and is home to 80 residents. It is also a much loved holiday destination for thousands of visitors who enjoy the simple pleasures of this rugged 366 acre island. The land of St Agnes, like the majority of Scilly, forms part of the Duchy of Cornwall, which was established at the beginning of the 14th century.

The aim of the project was to renovate, improve and extend an existing hall which dates back to the 1820s. It was vital that the construction was handled very sensitively in order to reflect the distinctive character of this historic building and to be in harmony with its beautiful setting. The renovation also needed to incorporate additional workspaces and flexible community facilities, to meet the changing needs of the people of St Agnes.

EmanuelHendry were commissioned to provide the heavy structural timber frame for the hall, working closely with the main design and build contractors, Dawnus and their architects, Grainge. The newly renovated St Agnes Island Hall was opened to the public in August 2014.



**Making it happen:** There were a number of factors that were vital to the success of this project.

**Working with the community:** EmanuelHendry listened very carefully to the people of St Agnes in order to fully understand their specific needs and values.

**Close collaboration:** EmanuelHendry were commissioned at a very early stage and were able to give technical input to both the project architects and the engineers. The design called for a double post system which would enable the internal space to have two functions. When required, it could be divided up into multiple small spaces using sliding panels. For large events, these panels could be removed to create an impressive open space.

**Skilled craftsmanship:** EmanuelHendry thrived on the challenge of making this beautiful and innovative design integrate within the structural timber frame. The opportunity to build working details into the frame was very rewarding and is a perfect example of the versatility of using a timber structural frame to create individual spaces such as these.

**Selection of materials:** EmanuelHendry used UK grown larch from Vastern Timber in Wiltshire. As well as being robust and beautiful, this species has a long association with boat building which aptly reflects the seagoing heritage of this island community.

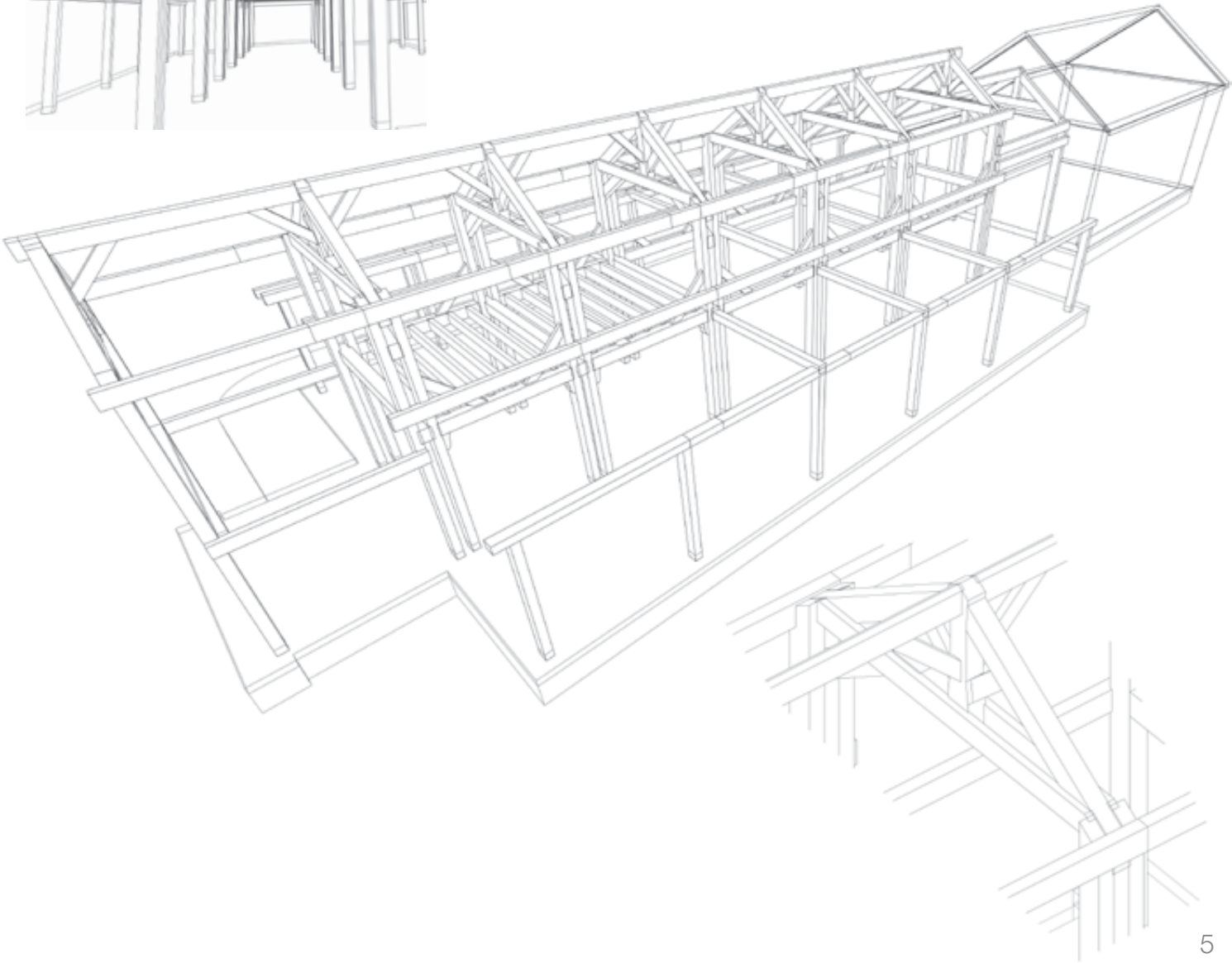
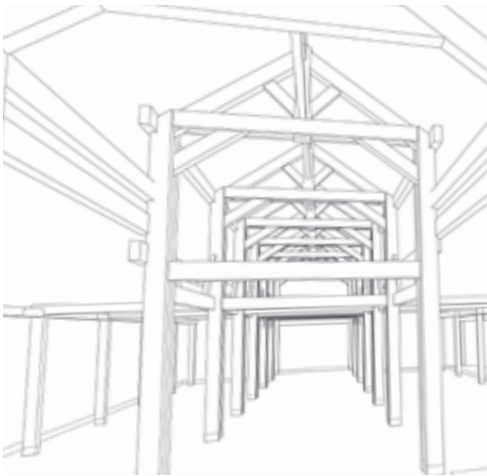
**Careful planning and execution:** EmanuelHendry had to overcome many logistical challenges whilst working remotely on the Isles of Scilly, working around the tides and dealing with the transportation difficulties inherent in a pedestrian only island. After pre-fitting in their workshop in Devon, they shipped 15 carefully weighed and wrapped packs from Penzance Docks. Once on the island these components were then hand sorted into frames. The raising had to be especially carefully planned and the building was lifted into place over a two week period, in the traditional way by hand, using winches on shear legs and gin poles.

**Project Team:**

- Architects and contract administrators: PBWC
- Design and build contractor: Dawnus
- Design and build architects: Grainge

**The Island Hall awards:**

- Cornwall Sustainability Awards, Sustainable Built Environment Award
- Cornish Buildings Group Award
- Also 1 of 4 shortlisted for the Michelmores Property Awards ‘Eco project of the Year’







































**Projects and services:** EmanuelHendry carry out timber frame projects for professional and private clients alike, delivering projects in Devon, Cornwall and the rest of the West Country, as well as throughout the UK and around the world. Their clients include architects, engineers, surveyors, builders, project managers and conservation builders as well as self-build private clients who want to create a spectacular timber frame house.

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Design and planning      Construction Carpentry      Timber buildings      Conservation





**Design and planning:** EmanuelHendry take timber frame design projects right through the process from conceptual sketches to 3D CAD visualization and the production of workshop drawings. They will survey historical buildings and timber frame houses and will happily work alongside surveyors, architects, engineers and designers at any stage in the process. The final timber frame will always reveal continuity of design detail with practical construction techniques at the very heart of the timber frame home design.



**Design and Planning Services include:**

- Building regulation approval
- Timber frame planning permission
- Timber frame concept and structural design
- 3D CAD visualisation
- Production of planning and workshop drawings
- Marketing presentations

**Construction carpentry:** When it comes to timber frame construction, imagine carpentry without limits. Whatever your vision, if it's made from wood, they can build it! They design and build traditional and contemporary timber frame construction solutions and welcome commissions on any project no matter how large or small. Timber frame carpentry is a highly specialist field and they are proud to have built up a UK wide reputation for traditional timber frame construction.



**Construction Carpentry projects include:**

- Bridges
- Balconies and stairs
- Shelters
- Landscape furniture
- Cladding and shingling
- Doors
- Glazing and glazed walls
- Unique timber installations
- Grid-shells and space frames



**Timber buildings:** They can build and restore just about every single kind of timber frame building. Their depth of industry experience and knowledge of the cutting edge technology available to them means they can choose the appropriate construction method for your timber frame house and make it a complete success. They make new build green oak timber frame houses, Douglas fir and Larch timber frames, log cabins, pool houses, garden rooms, extensions, conservatories, studios, barns, garages and outbuildings.



**Green Oak Buildings:** Green Oak timber frames are the gold standard and the historic benchmark for oak frame houses in Britain. Oak frame houses use the natural form of the wood as it has grown, creating an organic, majestic feel. Emanuel Hendry are proud to continue one of Britain's definitive craft traditions, producing a wide variety of bespoke green oak frame houses.

**Softwood Timber Frames:** Softwood buildings can achieve greater spans and can be graded to high technical specification. Softwood also lends itself to machine dimensioned hybrid frames incorporating structurally insulated panel systems and balloon framing. Species such as Douglas Fir take a fine finish and give an elegant and stylish feel. They make a great contemporary solution.

**Log Buildings:** Log buildings are another form of softwood construction Emanuel Hendry are proud to offer. With no vernacular log work tradition, the UK has largely missed out on the natural grace these buildings bring to many other northern countries. Emanuel Hendry are proud to cut and supply full scribe log buildings with many different notch techniques and finishes.

**Conservation:** Looking for an expert in timber frame renovation of listed buildings, historic timber conversion or specialist timber repairs? Look no further. EmanuelHendry use their experience and expertise to conserve, repair or restore historic timber frame buildings across Britain and overseas, as well as specialist repairs such as water wheels or timber bridges. There are numerous historic projects where they have completed timber frame restoration, working closely with experts in many fields.



**Conservation experience includes:** Barn renovation, cottage renovation and church renovation. Emanuel Hendry have a thorough understanding of medieval design and they are passionate about conservation and sustainable renovation.

EmanuelHendry have a particular interest in their local Devon vernacular of jointed cruck roofs on top of masonry walls. They have been employed to write repair schedules and historical reports for English Heritage and listed building consent.

As experts in timber frame renovation, they have also run courses in timber frame restoration both in Britain and the USA.



