Loch Arthur Farm Shop

Loch Arthur is a working community of more than 70 people, including men and women with learning disabilities. Loch Arthur Creamery and Farm Shop have grown out of the productive efforts of this diverse and vibrant community. The highest standards of Organic production are upheld in their Demeter Certified Farm and Creamery, Bakery and Craft Workshops. The new Farm Shop was designed in collaboration with Denis Chanarin of Camphill Architects, an architect and community member. It is based on some of the precepts of Rudolf Steiner whose philosophy is fundamental to the community.

A series of low wings, attached to a higher barn-like centre echoes the appearance of traditional agricultural buildings. The exterior cladding of durable Scottish timber boarding will be allowed to weather to a natural silvery-grey. Structural elements of home grown Douglas Fir are expressed internally to create interest and give visual warmth and tactility. A holistic approach to the building fabric, structure, materials and services has been adopted to reduce carbon emissions, resulting in a carbon footprint 40% better than notional figures for this building type.

For all the devoted people who support and shop at Loch Arthur the new development will provide a warm, social, welcoming, well-stocked and enjoyable environment for many years to come.

Location Beeswing, Dumfries

Client Loch Arthur Camphill Community Ltd.

Project value £2million

Completed 2012

simon winstanley architects

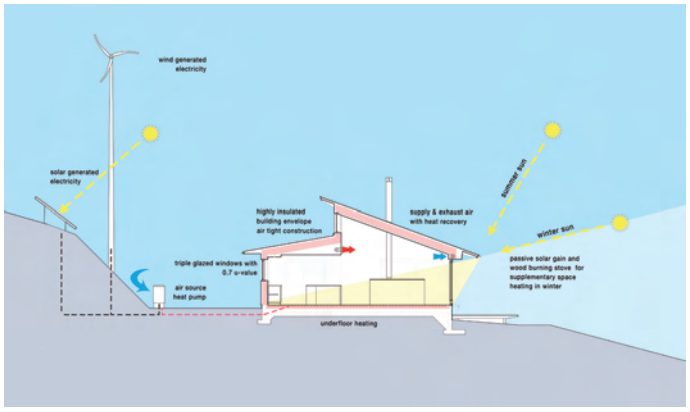
The Houl

The Houl is a contemporary single storey ‘long house’ which is recessive in the landscape, sustainable in its construction and achieves a ‘zero carbon’ rating by using very high levels of insulation, whole house heat recovery ventilation, air source heat pump, a wind turbine and photovoltaic panels.

The entrance to the house is sited on the north east side of the house under the cover of the roof to provide shelter from the prevailing wind. The principal rooms are situated along the contour of the site to enjoy the spectacular views across the valley to the west. The ancillary service spaces are generally to the rear.

The slope of the roof of the main living accommodation follows the slope of the hillside with the roof of the rear accommodation meeting the main roof at a shallower angle to allow morning sunlight to penetrate the centre of the house through clerestory windows.

The house is constructed in steel and timber frame with walls clad in cedar weatherboarding and the roof finished with pre-weathered grey standing seam zinc. Windows are triple glazed with a thermally broken timber frame.



Location St John’s Town of Dalry

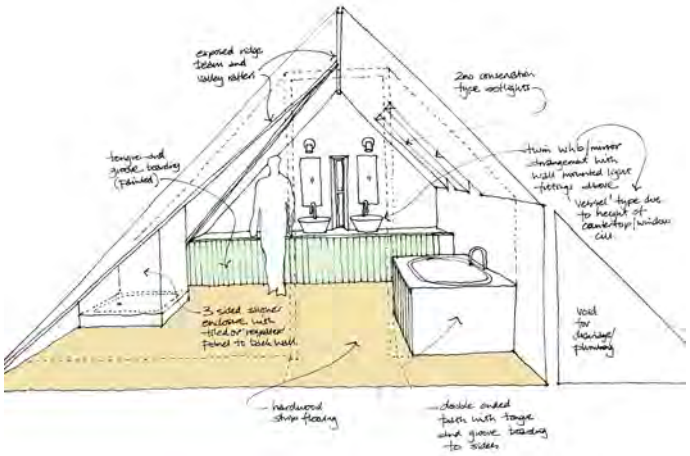
Completed 2009

Awards RIBA Award Winner 2011; Special Mention in the RIAS Andrew Doolan Best Building in Scotland Awards 2011

Cargengrove

A grade B listed house in the ‘Scots Baronial’ style on the outskirts of Dumfries, this building was formerly the coach house and stables of the now ruined Cargen House. In addition to extensive restoration and refurbishment works, the project involved conversion of an adjoining cart room and stable block to form a new library and self-contained guest accommodation, a ‘garden room’ extension within the existing walled garden, extension of the dining area and conversion of an attic space to form an additional bathroom

The fabric of the existing house was substantially upgraded by improving the standard of insulation while retaining the character of this unique building. Listed building consent was required for the proposals in addition to planning consent and this was facilitated by close consultation with the planning authority from the outset.

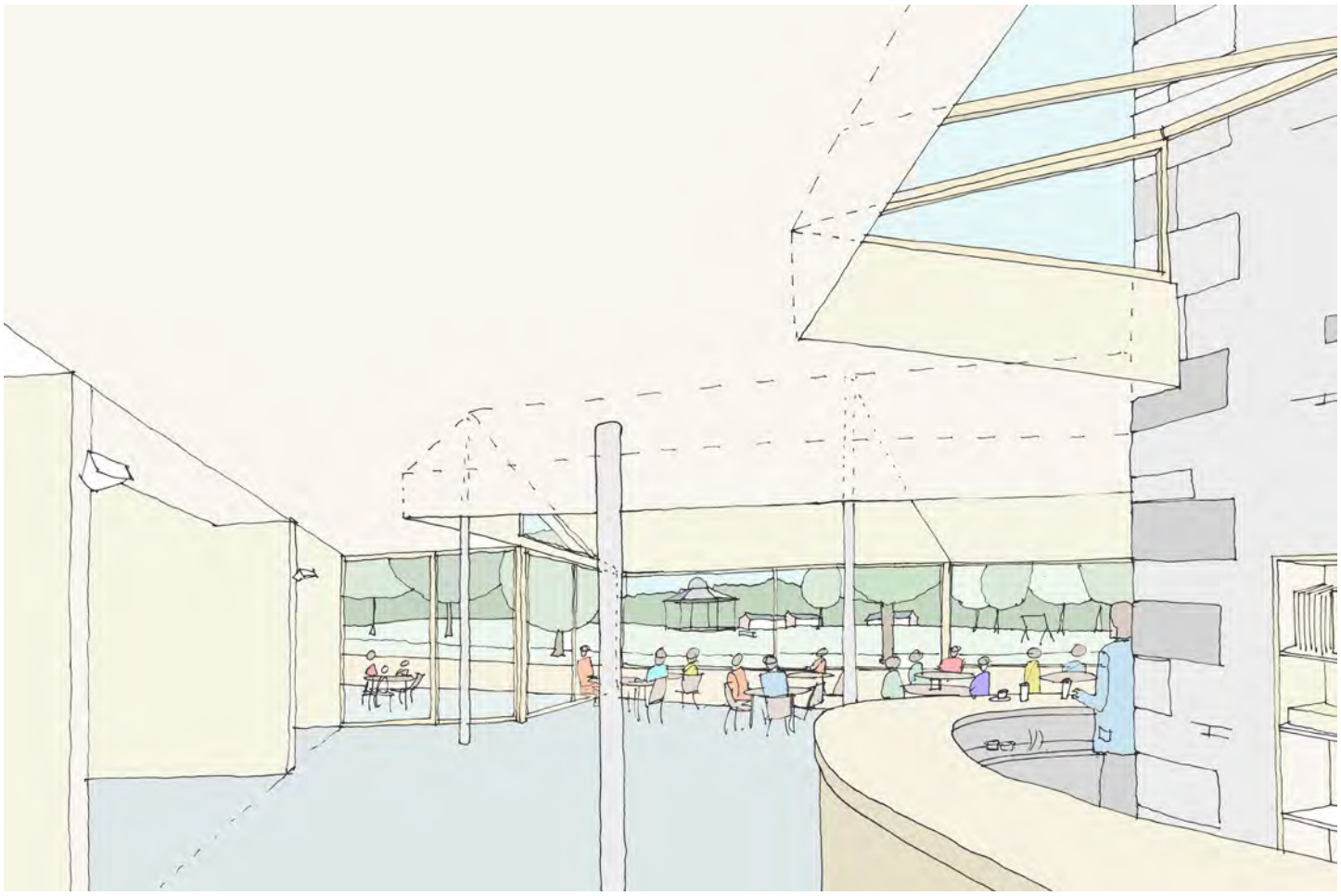


Location Dumfries

Completed 2010

simon winstanley architects

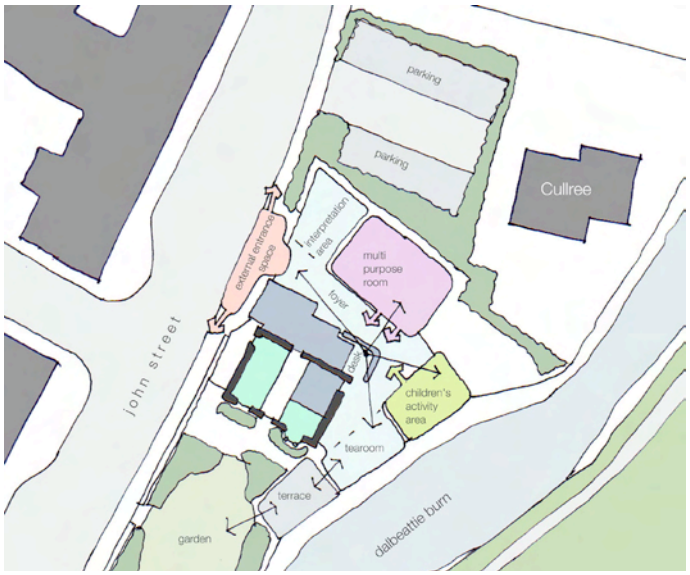
Dalbeattie Discovery Centre



The Dalbeattie Discovery Centre is a proposed visitor and community facility which converts and extends an existing house, which was formerly a hotel.

The main strategy is to form new extensions designed to contrast and complement the retained main body of the house. The Centre will provide interactive information for visitors, a multi use performance area with retractable seating, a Children's Indoor Activity Area and a Tearoom / Cafe overlooking the river and park. All the spaces are connected by a flexible top lit entrance, foyer and reception area that can be used for display of crafts and artwork

Our approach to the design of the building is holistic and integrated so the building fabric is considered fully at design stage so expensive "bolt on" services are minimised. The proposals provide a mixture of sensible features with the joint benefit of reducing the use of energy and lowering carbon dioxide emissions. The design will use sustainable and environmentally friendly materials including Dalbeattie Granite.



Location Dalbeattie

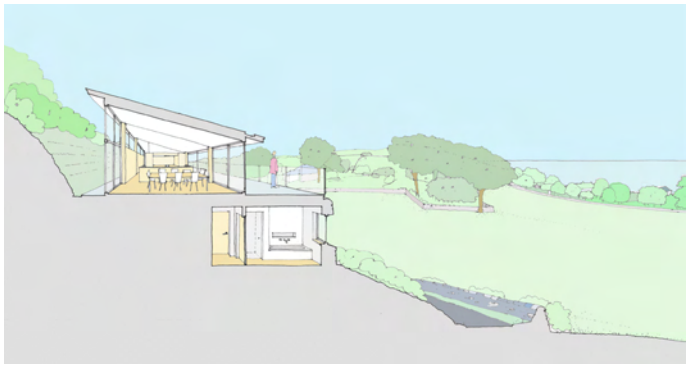
Client Dalbeattie Community Initiative

Project Value (projected) £1million

simon winstanley architects

Deepstone

Deepstone is located on a spectacular site, comprising a former quarry, in a National Scenic Area overlooking the Solway Firth. The house is conceived as a stone plinth housing the bedrooms with a garage and entrance under at the level of the quarry base. The principal living accommodation is expressed as a lightweight glazed pavilion sitting on the solid plinth. It is set back to form an external terrace facing the sea and to reduce the apparent mass of the house.



The glazed pavilion is constructed with a steel frame and highly insulated timber infill panels clad in cedar and triple glazed windows. The roof, although thick internally to provide very high levels of insulation, is cantilevered on all sides with projecting expressed douglas fir rafters to give a thin, elegant leading edge. The roof is finished in pre-weathered grey standing seam zinc. The roof pitch follows the slope of the site to reduce the mass of the house and the resultant section provides an outward sea view and an upward view of the landscape behind the house. The heavyweight concrete block masonry base is finished in stone from recycled quarry waste.

The design uses energy efficient construction and technology such as passive solar gain and thermal mass, super insulation, airtight construction, triple glazed windows, ground source heat pump, wood burning stove, roof mounted photovoltaic panels and a whole house heat recovery ventilation system.

Location Portling, Dumfries and Galloway

Completed 2009

Awards Saltire Society Housing Design Award 2009, Glasgow Institute of Architects Commendation 2009, Scottish Design Awards 2010

simon winstanley architects