

Helyer Davies Architects Ltd



Public Services Plaza
Civic Centre Road
Havant
Hampshire
PO9 2AX

Monday, 8th September 2014

Dear Stephen Andrews,

Application for approval of details reserved by condition

Application Number: APP/14/00567

Site Address: 27 Portsdown Hill Road, Havant, PO9 3JU

The following is to be read in conjunction with our Application for approval of Details reserved by condition form.

The design scheme was granted permission on the 23rd July 2014 with the above application number.

Our conditions are mainly resolved through progressing the project to Building Regulation drawings and proving during the site works that conditions 4 & 5 concerning existing trees are met. Conditions 1&2 will be resolved by following drawings and built within the next 3 years.

Condition 3 is to be resolved by supplying sedum roof details:

Please see the below sedum roof finishes that we discussed with:

Greenroofs naturally

Denton. Ilkley. LS29 OHE

E mail. contact@greenroofs-naturally.co.uk

Web www.greenroofs-naturally.co.uk

Mobile 07535709854

Please see the attached for a probable specification for the plant type sedum Crassulaceae species.

The client has received a fee letter from Greenroofs Naturally and will inform them if they wish to move ahead with their services.

We have also contacted a

Sedum Green Roof

Part of the Heseltine Carp Group

Lower Leigh farm, Tokes Lane,

East Knoyle, Salisbury, Wilts SP3 6BZ

01747 830176

1 The Old Flour Mill . Queen Street . Emsworth . Hampshire . PO10 7BT

mail@hdarchitects.co.uk

www.hdarchitects.co.uk

01243 370 715

Helyer Davies Architects Ltd

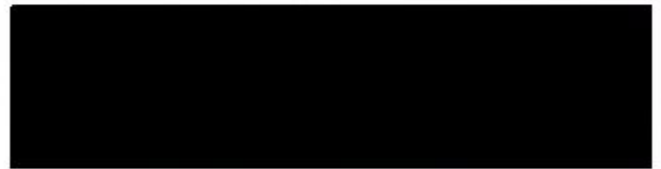
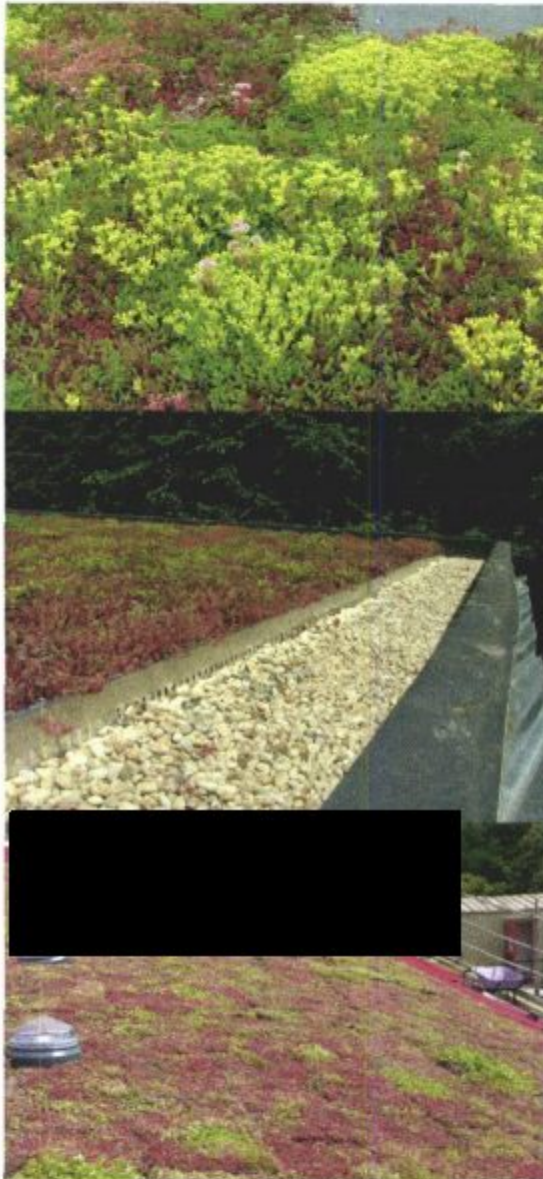


They have quoted costs for their m2 mat, m2 substrate 50mm and a m2 drainage layer 20mm.

Following images are from Greenroofs Naturally.



1 The Old Flour Mill . Queen Street . Emsworth . Hampshire . PO10 7BT
mail@hdarchitects.co.uk . www.hdarchitects.co.uk . 01243 370 715



If not using either of these companies we have the following construction build:

Sedum mat plant rolls by expert installers who will lay the drainage layer, substrate and install any up-stands needed.

Oldroyd Tp filter fleece

Oldroyd Xv20 GreenXtra perforated membrane (min. 49% recycled) all installed and secured in accordance with system manufacturer's recommendations to ensure watertightness of completed construction

Cefil or similar single ply membrane roofing system with heat welded seams installed in accordance with manufacturer's instructions

1 The Old Flour Mill . Queen Street . Emsworth . Hampshire . PO10 7BT
mail@hdarchitects.co.uk www.hdarchitects.co.uk 01243 370 715



18mm marine plywood decking
EX 125 x 50 treated softwood firrings cut to form min. 1:60 fall (firrings min. 25mm deep), falling to both edges.
225 x 50 mm treated softwood rafters at max. 400mm centres (subject to confirmation by Structural Engineer).
Insulation between rafters to be 150mm Celotex FR5150 maintaining 50mm clear ventilated space over insulation.
12.5mm plaster and skim finish
Oldroyd Xv green membrane secured using Oldroyd green roof plugs to bargeboard to protect timber.
Oldroyd turf roof hooks at max. 350mm centres securing treated softwood soil retaining bargeboard.
Completed construction to achieve a 'U' Value of 0.13-0.15 W/m²/K or better.

We have currently submitted drawings to Building Control Havant and a Structural Engineer will add calculations and additional drawings required.

We look forward to hearing from you.

Yours sincerely



Kevin Lancaster
BA Hons, (Dip Arch)

For Helyer Davies Architects Ltd

