

Design and access statement re 111 gaisford st Camden.

Simple timberframe garden room insulated to part I or better.

Triple glazed

Green roof

Heat recovery system

Led lighting (downlights only to reduce light emission.) green roofs tend to be quite thick

Internal shutters to roof lights

Washbasin and toilet

woodburner

Compliant with all fire and other building regulations.

Re green roof. Apparently during the summer the site is quite shady so the planting will probably be restricted to some types of fern, moss, some sedums and some spring bulbs; daffodils, snowdrops and bluebells planted in slightly deeper areas. As far as the roof load is concerned I had a look at the span tables for joists which is usually the best option and even quite a small joist (195x50) will allow a dead load of 2kn/m² and the wider ones do much better. The normal loading for shallow green roofs is 1.2 to 1.5 kn/m² so I cant see any problems there.

Rainwater will have to run to a soakaway.

Green roof structure. Ply deck, epdm membrane, olderoid xv20 cavity drainage, filter fleece, earth (lightweight mix 75 to 150mm) plants.