

## **Design objectives for Green Roof at Land to rear of 1 Ellerdale Road**

The previous approved design (planning approval reference 2012/6484/P) had consent for a Sedum roof blanket. It is our intention as part of this application to raise the specification up to that of a wildflower garden which will provide greater biodiversity in this location with enhanced environmental credentials.

The intention of the green roof is that it further minimises the visual impact of this development and as such the choice of a wildflower garden over that of a sedum blanket provides a visual solution more appropriate to its location.

The site is overlooked so the selection of this type of roof with its limited need for maintenance takes into account neighbour amenity and privacy.

The current site is open garden land and simply contains a general area of patchy lawn. There are no plants or other vegetation on the site that would mean this development would create any great loss of biodiversity habitat. In reality once installed the wildflower roof should offer far greater habitat options. The mixture includes Oxeye Daisy, Lady's Bedstraw, Cats Ear and Yellow Camomile, three native sedum varieties, and herbs such as Wild Marjoram and Thyme, and flowering perennials such as Dianthus. This leads to the creation of a healthy habitat in a place that could otherwise be empty and provides support for the natural colonisation of locally arising plants, birds and small animals, encouraging a wider spread of species in the area.

Environmental credentials include storm water management as the system will reduce water run off by retaining large proportions of annual rainfall, improved air quality and a reduction in urban heat island effect.