Hard and soft landscaping schedule – Land to the rear of 33/34 St Matthews Road, Worthing, BN11 4AT

Existing site details

The site currently had a crazy paving driveway with a brick built double garage. To the rear is a small court yard which is mainly paved with a small unmanaged boarder in the north east corner of the site. There is a dead 4m conifer tree on the north boundary.

The site is flanked with a brick wall to the north and east, and panel fencing along the south boundary.

Proposed soft and hard landscaping

Hard landscaping – The new driveways will be covered with a weed preventing underlay and covered with Atlantic pebbles (30-50mm), with timber railway sleeper breaks to prevent movement of the pebbles.

A new foot path will be installed along the north side of the drive providing access from the public footpath to the front door.

The rear will have a small decked court yard. The decking to be made of recycled timber and plastic to provide a durable maintenance free solution.

Soft landscaping – The roof will be a green roof. The roof will be finished with a high grade sedum mat (please see image 001 below) which is plug planted with the following sedum plants:

Plant Species

• S. Album	White Stonecrop
• S. kamtschatium	Gold Sedum
• *S. pulchellum*	Widow's Cross
• *S.reflexum*	Crooked Yellow Stonecrop
• *S. spurium*	Two-row stonecrop
• *S. sexangulare*	Tasteless stonecrop
• *S. acre*	Biting stonecrop
• *Saxifragia granulata*	Meadow Saxifrage

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PLAN	~~AW~~DM/ WB/10/0993
DATE VALID	- 9 OCT 2013

The mix of flowering sedum plants will provide an all year round colour and texture, and will increase the biodiversity of the site.

The sedum plants will attracted all types of wild life by providing a food source for butterflies, moths, honey bees, solitary bees, and mini-beasts. The dead stalks/flower stems are used by birds as nesting material.

Sedum plants require a low level of maintenance with no need to mow or deadhead. They are drought tolerant, meaning they require very little water which makes them idea for green roofs. They will also prevent/reduce/delay rain water run off on site. A leaky pipe will be incorporated into the roof design to allow for watering in sustained dry spells.

The Sedum plants will absorb carbon, filters dust and pollution, and generally improves air quality.

Item	Pre-development	Post-development
Hard landscaping area	$78.84m^2$	$54.83m^2$
Soft landscaping area (planted)	$4.84m^2$	Planted green roof area – $54.2m^2$
Building foot print area	$32.45m^2$	$61.3m^2$
TOTAL AREA	$116.13m^2$	$116.13m^2$

Ecological value of the site

The current site can be considered to be of low ecological value with a total planted area of just 4% of the total site areas. The ecological value of the proposed development will be greatly enhanced with a total planted area of 47% of the total site.

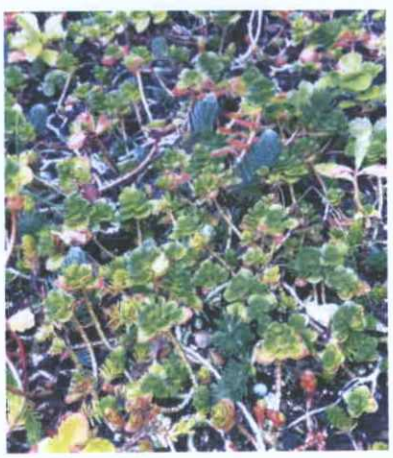

Image 001 – Sedum mat