

# **Haverstock Hill**

## **LANDSCAPE SPECIFICATION**

**Refer to Land Use Consultants Document:  
Landscape Planning Statement, July 2016**

30<sup>th</sup> September 2020

## **HARD LANDSCAPED AREAS**

### **Dutch Clay Pavers**

Paving Superstore Pro Range Dutch Clay Paver-Peterborough (or similar approved)

<https://www.pavingsuperstore.co.uk/paving-superstore-pro-range-dutch-clay-paver-peterborough-clay-pavers.html>



### **Natural Stone Paver Setts**

Marshall's Fairstone Sawn Granite Setts, Dark (or similar approved)

<https://www.marshalls.co.uk/gardens-and-driveways/driveways/granite-setts>



### **Natural Stone Paving**

Marshalls Despina Granite Pavers (or similar approved)

<https://www.marshalls.co.uk/commercial/product/despina-granite>



### **Small York Stone Setts**

Bingley Stone TUMBLED SETTS – YORKSTONE 100mm x 100mm (or similar approved)

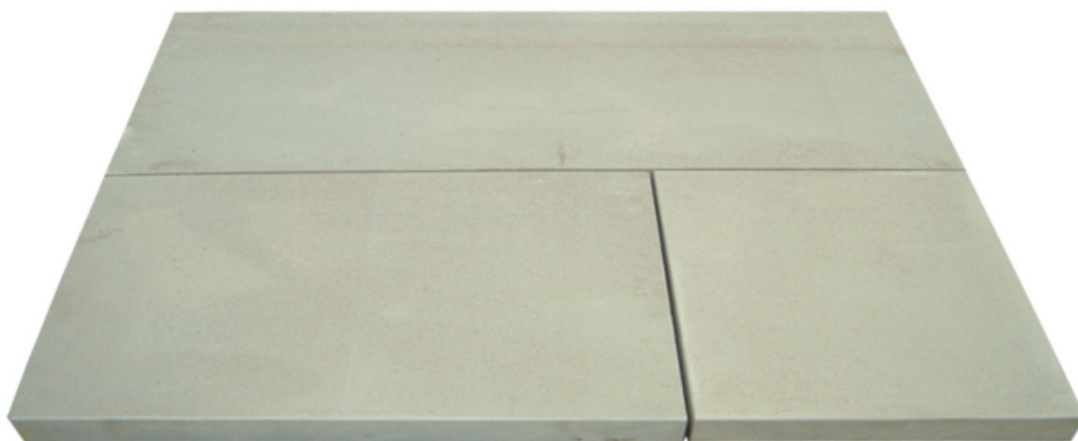
<https://www.bingleystone.com/pages/setts-and-cobbles/tumbled-setts-yorkstone/>



### **York Stone Pavers**

Bingley Stone Manor Sawn Yorkstone Paving (or similar approved)

<https://www.bingleystone.com/pages/sawn-stone-paving/manor-sawn-yorkstone-paving/>



### **York Stone Stepping Stones**

Bingley Stone Thornton Sawn Natural Stone Paving (or similar approved)

<https://www.bingleystone.com/pages/sawn-stone-paving/thornton-sawn-stone-paving/>

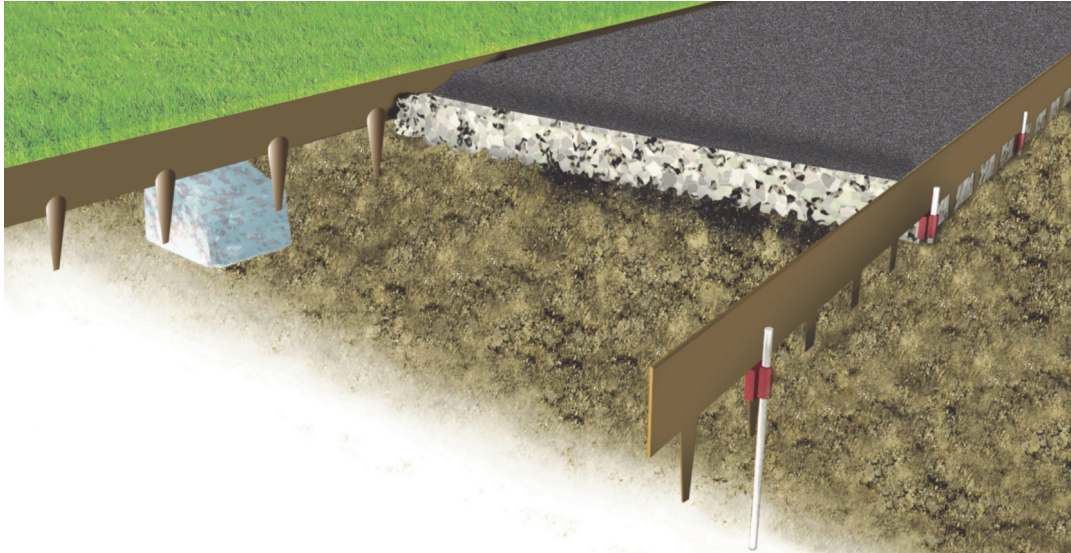




## **Metal edging**

Everedge Proedge (or similar approved)

<https://www.everedge.co.uk/product/proedge/>



## **Cycle Stands**

Street Furniture Works Cs20 Crossbar cycle stand (non-painted) (or similar approved)

<https://streetfurniture.works/crossbar>



**SOFT LANDSCAPED AREAS**

(see planting schedule on following page)

| Name                                      | Common Name                     | Size                     | Notes                    | Condition           | Quantity       |
|-------------------------------------------|---------------------------------|--------------------------|--------------------------|---------------------|----------------|
| <b>Trees</b>                              |                                 |                          |                          |                     |                |
| Liquidambar styraciflua 'Worplesdon'      | Sweet Gum 'Worplesdon'          | 25-30cm girth/550-600cm  | clear stem minimum 200cm | RB, Bushy           | 1no.           |
| Amelanchier Canadensis                    | Shadbush                        | 200-250cm                | 5 stems minimum          | RB, 5 stems min     | 7no.           |
| Betula pendula                            | Silver birch                    | 10-12cm girth/ 300-350cm | clear stem 175-200cm     | RB, 4 breaks, Bushy | 15no.          |
| Prunus serrula 'Tibetica'                 | Tibetan Cherry [MS]             | 250-300cm high           | 3 stems minimum          | RB, Bushy           | 9no.           |
| Betula utilis jacquemontii                | West Himalayan Birch            | 250-300cm high           | 3 stems minimum          | RB, 4 breaks, Bushy | 6no.           |
| Crataegus monogyna                        | Common Hawthorn                 | 150-200cm high           | 5 stems minimum          | RB, Bushy           | 3no.           |
| Prunus avium                              | Wild Cherry                     | 150-200cm high           | 3 stems minimum          | RB, Bushy           | 4no.           |
| <b>Shrubs</b>                             |                                 |                          |                          |                     |                |
| <b>Grasses</b>                            |                                 |                          |                          |                     |                |
| Carex testacea                            | New Zealand sedge               | 5L                       |                          |                     | 350            |
| Cortaderia selloana 'Aureolineata'        | Pampas grass                    | 5L                       |                          |                     | 400            |
| Deschampsia cespitosa 'Bronzeschleier'    | Tufted hair grass 'Bronze veil' | 5L                       |                          |                     | 350            |
| Stipa tenuifolia                          | Mexican feathergrass            | 5L                       |                          |                     | 350            |
| <b>Ferns</b>                              |                                 |                          |                          |                     |                |
| Asarum europaeum                          | European wild ginger            | 9cm                      |                          |                     | 750            |
| Asplenium scolopendrium                   | Hart's-tongue fern              | 2L                       |                          |                     | 500            |
| Dryopteris felix-mas                      | Male Fern                       | 5L                       |                          |                     | 500            |
| Dryopteris wallichiana                    | Wood fern                       | 3L                       |                          |                     | 650            |
| Polystichum setiferum                     | Soft shield fern                | 2-3L                     |                          |                     | 850            |
| <b>Ornamentals</b>                        |                                 |                          |                          |                     |                |
| Anemone x hybrida 'Honorine Jobert'       | Japanese anemone                | 1L                       |                          |                     | 1600           |
| Carex morrowii 'Ice Dance'                | Japanese sedge 'Ice Dance'      | 3L                       |                          |                     | 800            |
| Cornus alba siberica                      | Siberian Dogwood                | 3L                       |                          |                     | 650            |
| Erythronium californicum 'White Beauty'   | Fawn lily                       | 1L                       |                          |                     | 1400           |
| Geranium macrorrhizum 'Spessart'          | Cranesbill                      | 9cm                      |                          |                     | 1800           |
| Hedera helix 'Hibernica'                  | Atlantic ivy                    | 9cm                      |                          |                     | 50             |
| Helleborus x hybridus                     | Lenten rose                     | 9cm                      |                          |                     | 850            |
| Liriope muscari                           | Lilyturf                        | 3L                       |                          |                     | 650            |
| Luzula sylvatica                          | Greater wood-rush               | 9cm                      |                          |                     | 850            |
| Milium effusum 'Aureum'                   | Bowles' golden grass            | 3L                       |                          |                     | 600            |
| Miscanthus sinensis 'Kleine Silberspinne' | Little Silver Spider            | 3L                       |                          |                     | 500            |
| Rosmarinus offi cinalis                   | Rosemary                        | 3L                       |                          |                     | 450            |
| Sarcococca hookeriana var. humilis        | Sweetbox                        | 2L                       |                          |                     | 600            |
| Scabiosa spp.                             | Scabious                        | 9cm                      |                          |                     | 850            |
| Stipa gigantea                            | Giant stipa                     | 3L                       |                          |                     | 450            |
| Verbena bonariensis                       | Brazilian vervain               | 1L                       |                          |                     | 500            |
| Viburnum tinus                            | Laurustinus                     | 3L                       |                          |                     | 450            |
| Vinca minor alba                          | lesser periwinkle               | 9cm                      |                          |                     | 750            |
| <b>Climbers</b>                           |                                 |                          |                          |                     |                |
| Hydrangea anomala subsp. Petiolaris       | Climbing hydrangea              | 15L                      | 200-250cm minimum        |                     | 30             |
| Lonicera periclymenum                     | Honeysuckle                     | 15L                      | 200-250cm minimum        |                     | 30             |
| <b>LAWN</b>                               |                                 |                          |                          |                     |                |
| Thymus vulgaris                           | Garden thyme                    | 9cm                      |                          |                     | 2000           |
| <b>Green/Biodiverse Roof</b>              |                                 |                          |                          |                     |                |
| Lindum Wildflower Mat                     |                                 | (see drawings)           |                          |                     | (see drawings) |

Lindum Wildflower Mat (see specification on following page)

<https://turf.co.uk/wildflower-mat>



# Lindum Wildflower Mat

A mixture of wildflowers, herbs and flowering perennials, specifically designed for green roofs and sustainably grown in the UK.

**Working closely with the University of Sheffield's Professor Nigel Dunnnett and the Green Roof Centre, Lindum has developed the Wildflower Mat. Attractive to pollinators, it provides a biodiverse and colourful range of wildflowers, herbs and flowering perennials that will flourish in the conditions created on many types of green roofs.**



## Why choose Lindum Wildflower Mat?

**Features:** An attractive mixture of wildflowers, herbs and flowering perennials to produce a biodiverse and colourful alternative to traditional sedum, with a prolonged flowering period, from April to September. Flowering height 30-80cm.

**Benefits and uses:** As an alternative to pure sedum it combines the drought tolerant aspects with colour and ecological benefits of wildflowers and other species, attracting a wider range of birds, bees and invertebrates.

**Mixture:** The mixture is designed to have a range of plants that flower April – September, which have a visual appeal and provide an excellent habitat for wildlife.

As well as a range of wildflowers including Lady's Bedstraw, Cat's Ear and Yellow Chamomile, herbs such as Wild Marjoram and Thyme, and pink flowering perennial such as Dianthus are part of the colourful mix.

**Maintenance:** 1-2 cuts per year at the end of the flowering period and an optional cut in spring (we can advise), removing all cuttings from the roof.

Weeding will need to be carried out when necessary, like any garden border, it is subject to windblown weeds and grasses.

Through dry/warm periods of time the roof will need a help in hand so it must be watered manually or by a watering system.



## Lindum Green Roof Mats

Supplied as slabs, ready to lay straight from the pallet as an instant vegetation layer, with the plants established and growing in a strong plastic free felt. The Lindum Wildflower Mat is lightweight, easy to install and low maintenance, available in different slab sizes to suit site requirements and suitable for use with a lightweight green roof substrate.

Lindum can offer a complete green roof package, including lightweight substrate, drainage layer and green roof edge profile. We can also make recommendations for the waterproof membranes and pebbles for the borders.

See [www.lindumgreenroofs.co.uk](http://www.lindumgreenroofs.co.uk) for more information.

## Mixture

There is a planting mixture of wildflowers, herbs and flowering perennials in the Lindum Wildflower Mat. Included are:



*Achillea millefolium*  
Yarrow



*Centaurea scabiosa*  
Greater Knapweed



*Daucus carota*  
Wild Carrot



*Filipendula ulmaria*  
Meadowsweet



*Galium album*  
(*Galium mollugo*)  
Hedge Bedstraw



*Galium verum*  
Lady's Bedstraw



*Knautia arvensis*  
Field Scabious



*Leontodon hispidus*  
Rough Hawkbit



*Leucanthemum vulgare*  
Oxeye Daisy



*Lotus corniculatus*  
Birdsfoot Trefoil



*Origanum vulgare*  
Wild Marjoram



*Plantago lanceolata*  
Ribwort Plantain



*Plantago media*  
Hoary Plantain



*Poterium sanguisorba*  
(*Sanguisorba minor*)  
Salad Burnet



*Primula veris*  
Cowslip



*Prunella vulgaris*  
Selfheal



*Rhinanthus minor*  
Yellow Rattle



*Silene dioica*  
Red Campion



*Silene flos-cuculi*  
(*Lychnis flos-cuculi*)  
Pink Ragged Robin



*Silene vulgaris*  
Bladder Campion



*Echium vulgare*  
Viper's Bugloss



*Allium schoenoprasum*  
Chives



*Veronica spicata*  
Spiked Speedwell



*Linaria vulgaris*  
Toadflax



*Thymus vulgare*  
Common Thyme



*Dianthus carthusianorum*  
Carthusian Pink



*Lychnis flos cuculi*  
White Ragged Robin

# Technical specification

## VEGETATION MAT

|                                   |                                                                                                                                                                                         |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PRODUCT REFERENCE                 | Lindum Wildflower Mat                                                                                                                                                                   |
| PLANTING MIX                      | Lindum Wildflower Mat                                                                                                                                                                   |
| MATERIAL                          | 550g/m <sup>2</sup> 100% plastic free recycled British textiles                                                                                                                         |
| THICKNESS                         | 25mm                                                                                                                                                                                    |
| VEGETATION COVERAGE               | 75% (minimum) at point of sale                                                                                                                                                          |
| ROLL SIZE                         | 1.2m <sup>2</sup> (1.2m x 1.0m) or 0.6m <sup>2</sup> (0.5m x 1.2m)                                                                                                                      |
| SATURATED WEIGHT                  | 25kg per square metre                                                                                                                                                                   |
| MAXIMUM M <sup>2</sup> PER PALLET | 30-35 square metres dependant on weight at the time of order                                                                                                                            |
| DELIVERY OPTIONS                  | Pallet delivery service for small orders<br>Rigid with tail lift offload facilities<br>Rigid wagon with Hiab offload facilities<br>Artic wagon with optional moffett offload facilities |

## EXTENSIVE GROWING MEDIUM

|                           |                                                                                                                                                                                         |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PRODUCT REFERENCE         | Lindum Lightweight Green Roof Substrate                                                                                                                                                 |
| MATERIAL                  | A blend of lightweight aggregate and the award winning topsoil                                                                                                                          |
| DEPTH                     | 75mm (minimum) – 100mm (preferable)                                                                                                                                                     |
| SATURATED WEIGHT          | At 75mm settled depth = 75kg per square metre<br>At 100mm settled depth = 100kg per square metre                                                                                        |
| BAG SIZES                 | 1m <sup>3</sup> tote bags<br>18 litre heat sealed bags<br>Bulk loose                                                                                                                    |
| MAXIMUM VOLUME PER PALLET | 1m <sup>3</sup> as 1 x 1m <sup>3</sup> tote bag<br>1m <sup>3</sup> as 55 x 18 litre bags                                                                                                |
| DELIVERY OPTIONS          | Pallet delivery service for small orders<br>Rigid with tail lift offload facilities<br>Rigid wagon with Hiab offload facilities<br>Artic wagon with optional moffett offload facilities |

## DRAINAGE LAYER

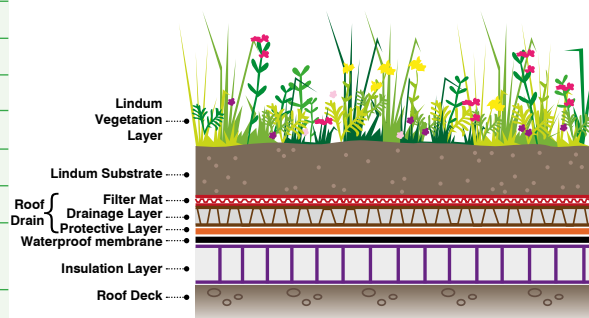
|                        |                                                                                                                                                                                         |               |         |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------|
| PRODUCT REFERENCE      | Lindum Roofdrain 20                                                                                                                                                                     |               |         |
| MATERIAL               | Recycled High Density Polyethylene water reservoir core with moisture retentive protective fleece to underside and geotextile filter mat to upper side                                  |               |         |
| THICKNESS              | 22mm                                                                                                                                                                                    |               |         |
| INFILL                 | Not required                                                                                                                                                                            |               |         |
| ROLL SIZE              | 920mm x 50m (46 square metres per roll)                                                                                                                                                 |               |         |
| WATER STORAGE CAPACITY | 6.5 litres per square metre                                                                                                                                                             |               |         |
| SATURATED WEIGHT       | 7.5kg per square metre                                                                                                                                                                  |               |         |
| MAXIMUM M² PER PALLET  | 92 square metres (2 rolls)                                                                                                                                                              |               |         |
| DELIVERY OPTIONS       | Pallet delivery service for small orders<br>Rigid with tail lift offload facilities<br>Rigid wagon with Hiab offload facilities<br>Artic wagon with optional moffett offload facilities |               |         |
| ALSO AVAILABLE         | Product                                                                                                                                                                                 | Water storage | Weight  |
|                        | Lindum Roofdrain 40                                                                                                                                                                     | 13.0l/m²      | 15kg/m² |



### Bumblebees

Research has shown that wildflower green roofs attract twice as many bee species and five times as many blossom visits compared to pure sedum roofs.

## PROFILE OF A LINDUM GREEN ROOF



## Other products available from Lindum:

### Lindum Sedum Mat

10 colourful varieties for extended flowering colour and interest throughout the growing season. For more information see: Lindum Sedum Mat technical sheet.

### Lindum Green Roof Package

Lindum can supply a complete Green Roof Package. See our Lindum Green Roof technical sheet for more information.



## Contact

Lindum Turf, West Grange,  
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