

UNIVERSITY OF HUDDERSFIELD

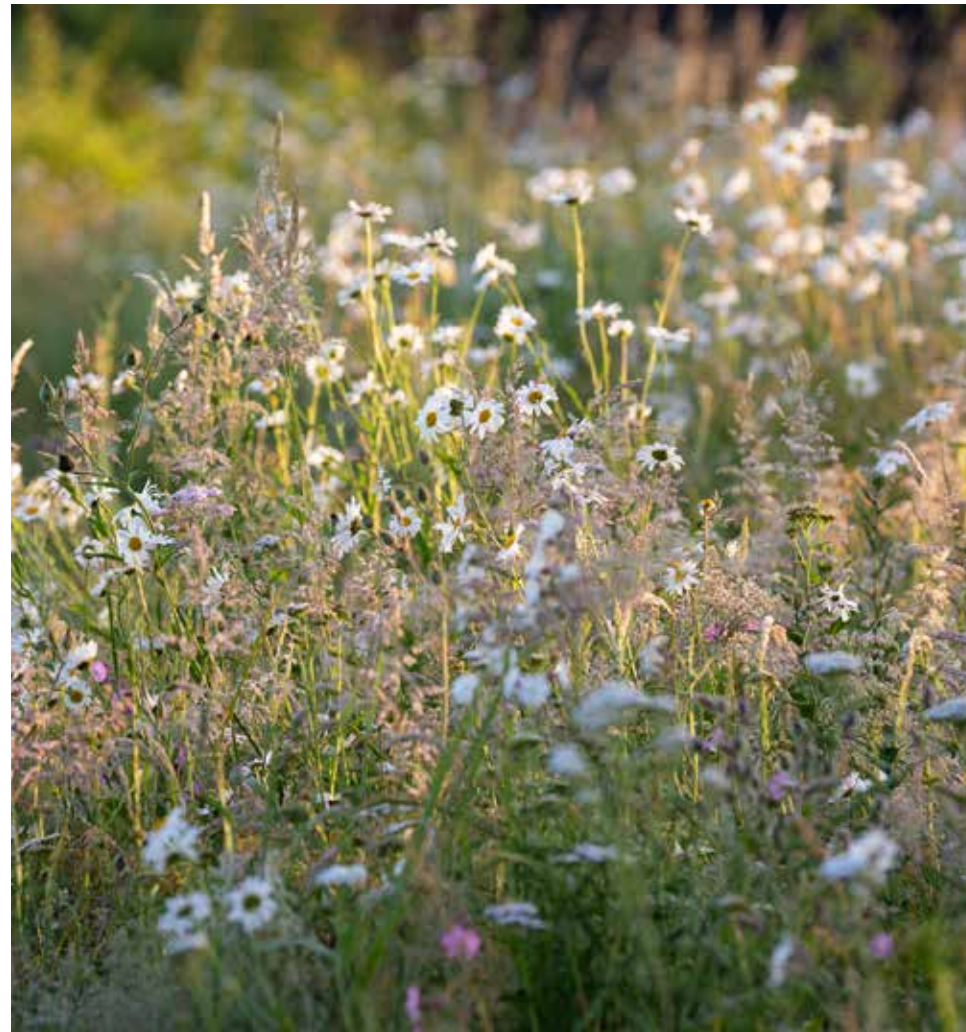
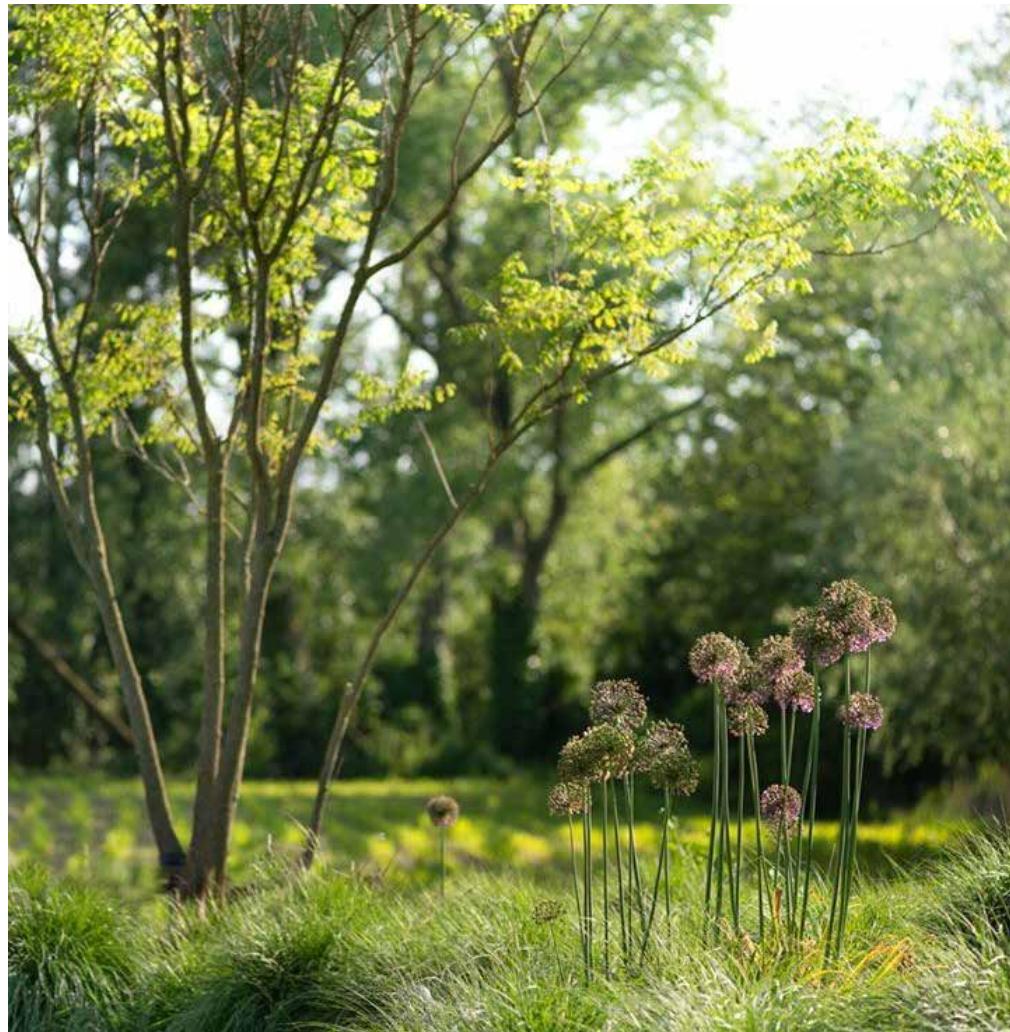
Planting Strategy

Planting Strategy // Edith Key Site

The planting strategy for the University of Huddersfield sites draws on existing planting on site. Plants are chosen to weave seamlessly into the planting palette seen in the adjacent areas.

On the Edith Key site, long meadow grass which brings a wild feel to the campus, encouraging students to relax in the space and feel immersed in nature.

Multistem trees, grasses and perennials. create mass in the shrub planting areas, providing food for pollinators and habitat cover.



Planting Strategy // Edith Key Site



Softworks



Shrub planting
Area: 190m²
Soil Depth 600mm: topsoil 300mm, subsoil 300mm



Wildflower Turf - Lindum
Area: 300m²
Soil Depth 450mm: topsoil 150mm, subsoil 300mm



Rowlawn Medallion Turf
Area: 208m²
Soil Depth 450mm: topsoil 150mm, subsoil 300mm



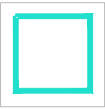
Proposed trees
1 No. Small tree / large shrub e.g. Malus - apple / Osmanthus x burkwoodii
4 No. Medium tree e.g. Sorbus aucuparia



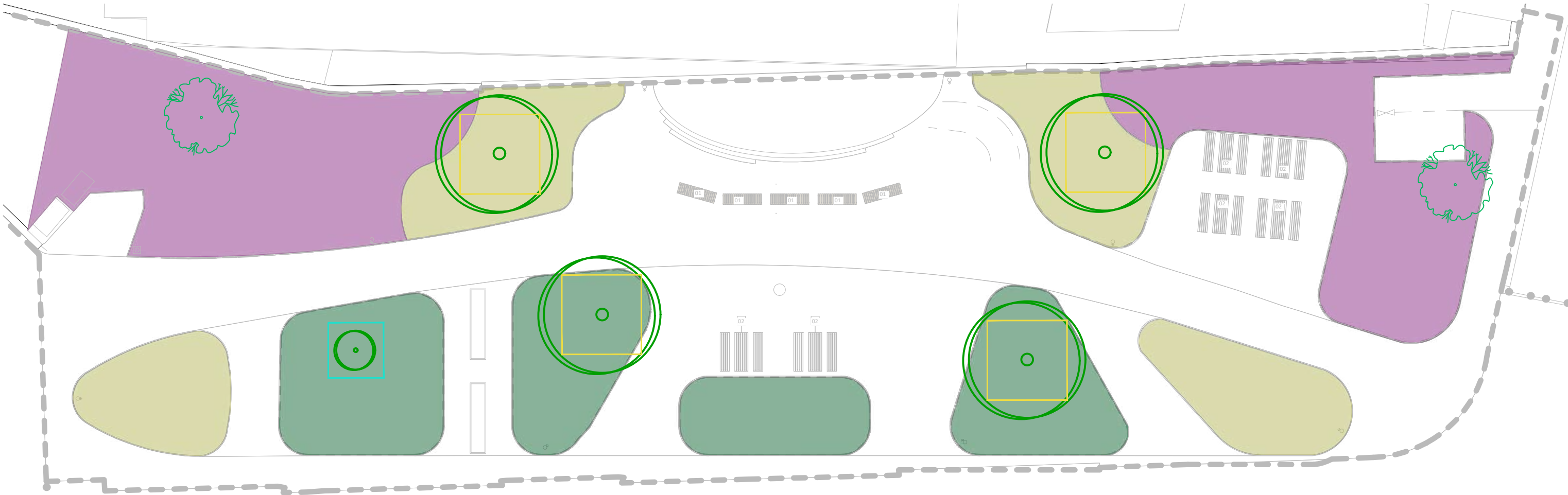
Approximate location of existing tree



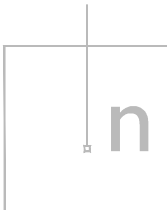
Medium tree indication of tree pit area in soft areas
Required soil volume 17m³
Pit Depth 1000mm: topsoil 300mm, subsoil 500mm, drainage layer 200mm



Small tree / large shrub indication of tree pit area in soft areas
Required soil volume 8m³
Pit Depth 1000mm: topsoil 300mm, subsoil 500mm, drainage layer 200mm



0 2 4 6 8 12 16 20m



Plant lists // Edith Key Site



TREES / MULTI-STEM SHRUBS

Malus sylvestris
Osmanthus x burkwoodii
Prunus serrula
Sorbus aucuparia

SHRUBS

Choisya ‘Aztec Pearl’
Hebe pinguifolia ‘Sutherlandii’
Viburnum opulus ‘Compactum’

PERENNIALS AND GRASSES

Anemone x hybrida ‘Honorine Jobert’
Anthriscus sylvestris
Calamagrostis acutiflora ‘Karl Foerster’
Calamintha nepeta
Hakonechloa macra
Iris foetidissima
Miscanthus sinensis ‘Kleine Silberspinne’
Nepeta faassenii
Pachysandra terminalis
Roscoea purpurea

BULBS

Allium ‘Purple Sensation’
Allium multibulbosum ‘Nigrum’
Allium sphaerocephalon
Camassia leichtlinii ‘Alba’
Camassia leichtlinii ‘Caerulea’
Crocus tommasinianus
Galanthus nivalis
Narcissus ‘Minnow’
Narcissus poeticus ‘Pheasant’s Eye’
Scilla siberica

FLOWERING MEADOW - Lindum wildflower turf

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.

Trees / Multi-Stem Shrubs



Malus sylvestris



Osmanthus x burkwoodii



Prunus serrula



Sorbus aucuparia

Grasses and Perennials



Hakonechloa macra



Anemone x hybrida ‘Honorine Jobert’



Nepeta x faassenii



Calamintha nepeta



Pachysandra terminalis



Roscoea purpurea

Bulbs



Allium ‘Purple Sensation’



Allium multibulbosum ‘Nigrum’



Allium sphaerocephalon



Camassia leichtlinii



Crocus tommasinianus



Galanthus nivalis

Flowering Meadow Turf



Planting Strategy // Barbara Hepworth Building



The planting strategy for the Barbara Hepworth building embraces the tough conditions beneath the overhang of the building. Wildflower seeding encourages a survival-of-the-fittest approach. By adding seed of native plants that tolerate harsh and shady conditions at the top of the slope the chance of survival is increased. Further down the slope and to the west side which will get more summer sun, a wider range of native seeds can be added, again to give an opportunity to a wide range of plants to colonise the area. Those that flourish will provide forage and habitat to an array of wildlife.

This wildflower seeding blends into more lush planting towards the bottom of the slope where rain is more readily available. Here, tall grasses mirror those on the opposite side of the walkway to tie the two sides together. Small trees are added for height and interest and perennials provide colour and a nod to site-wide existing planting.



Plant lists // Barbara Hepworth Building



SMALL TREES - chosen for their size, form, drought tolerance, seasonal interest and use to pollinators

Cornus mas

Euonymus alatus

Heptacodium miconioides

Syringa vulgaris 'Andenken an Ludwig Spath'

SHRUBS, GRASSES AND PERENNIALS

Anemanthele lessoniana

Achillea filipendulina 'Gold Plate'

Bergenia 'Bressingham White'

Calamagrostis acutiflora 'Karl Foerster'

Echinacea pallida

x Halimocistus sahuchii

Iris unguicularis

Miscanthus sinensis 'Kliene Silberspinne'

Perovskia 'Blue Spire'

Phlomis russeliana

Spartium junceum

Verbena bonariensis

Veronicastrum virginicum 'Fascination'

NATIVE WILDFLOWER SEEDING - chosen to thrive in poor conditions. 3g / m2

Semi-Shade mix: top of slope

Betonica officinalis - betony

Campanula trachelium - nettle-leaved bellflower

Filipendula vulgaris - dropwort

Galium verum - lady's bedstraw

Origanum vulgare - wild marjoram

Primula veris - cowslip

Prunella vulgaris - selfheal

Silene latifolia - white campion

Sunny mix: further down slope / edges

Agrimonia eupatoria - common agrimony

Anthyllis vulneraria - kidney vetch

Briza media - quaking grass

Canbtaurium erythraea - common centaury

Cichorium intybus - wild chicory

Daucus carota - wild carrot

Echium vulgare - viper's bugloss

Knautia arvensis - field scabious

Leontodon hispidus - rough hawkbit

Linaria vulgaris - common toadflax

Lotus corniculatus - bird's foot trefoil

Malva moschata - musk mallow

Reseda luteola - dyer's weed

Salvia verbenaca - wild clary

Sanguisorba minor - salad burnet

Trifolium pratense - red clover

Verbascum nigrum - dark mullein

Small Trees



Cornus mas



Euonymus alatus

Grasses and Perennials



Anemanthele lessoniana



Calamagrostis acutiflora 'Karl Foerster'



Perovskia 'Blue Spire'



Heptacodium miconioides



Syringa vulgaris 'Andenken an Ludwig Spath'



Miscanthus sinensis 'Kliene Silberspinne'



Veronicastrum virginicum 'Fascination'

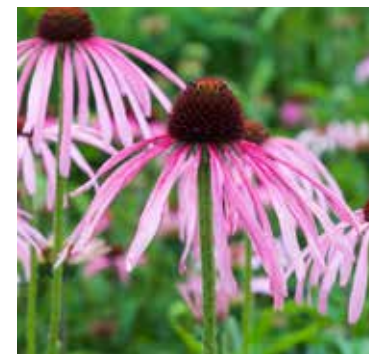


Verbena bonariensis

Native wildflower seeding



Phlomis russeliana



Echinacea pallida



Achillea filipendulina 'Gold Plate'



Iris unguicularis



Spartium junceum



x Halimocistus sahuchii



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