INDICATIVE PLANT SCHEDULE

TREES

Planted at marked position each with two post and timber crossbar installed with arb strapping and clear spiral rabbit guard.

QUANTITY	SPECIES	TYPE	HEIGHT cm	GIRTH	FORM
30 No.	Corylus avellana	Multi-stem	175-200cm	-	CG
7 No.	Malus sylvestris	Std	350-450cm	12-14cmg	CG
2 No.	Prunus cerasifera 'Nigra'	Std	350-450	12-14cmg	CG
9 No.	Quercus robur	Std	350-450	12-14cmg	CG
10 No.	Sorbus aucuparia	Std	250-350cm	10-12cmg	CG

LARGE SHRUB - MULTI-STEM

Planted at marked position each with a single post system.

QUANTITY	SPECIES	TYPE	HEIGHT cm	TYPE
9 No.	Osmanthus aquifolium	Multi-stem	150-160cm	CG

SPECIMEN SHRUB

Planted at marked position each with a single post system.

QUANTITY	SPECIES	TYPE	HEIGHT cm	SIZE	TYPE
8 No.	Viburnum tinus 'Eve Price'	Multi-stem	100-125cm	45lt	CG

UK NATIVE MIXED SPECIES HEDGE - Double Width Total length: 48 linear metres

Staggered quadruple rows. 10 plants per linear metre. Planting in species groups of 3 excluding Ilex, Lonicera and Rosa. All whip planting to be installed with Bio-Earth Biodegradable Plastic-Free Tree Shelter Guard and cane with the exception of Ilex, Lonicera and Rosa which should be installed with plastic mesh guard and sawn timber stake. Mulch application to base of hedge.

PERCENTAGE	QUANTITY	SPECIES	HEIGHT cm	TYPE	SIZE
5%	24 No.	Carpinus betulus	90-120	BR	-
5%	24 No.	Cornus sanguinea	60-80	BR	-
20%	96 No.	Corylus avellana	60-80	BR	-
45%	216 No.	Crataegus monogyna	90-120	BR	-
15%	72 No.	Ilex aquifolium	20-30	CG	2lt
2%	9 No.	Lonicera periclymenum	60-80	CG	2lt
5%	24 No.	Malus sylvestris	40-60	BR	-
3%	15 No.	Rosa canina	40-60	BR	-

Stock Total: 480

UK NATIVE MIXED SPECIES HEDGE - Total length: 96 linear metres

Staggered double row. 5 plants per linear metre. Planting in species groups of 3 excluding Ilex, Lonicera and Rosa. All whip planting to be installed with Bio-Earth Biodegradable Plastic-Free Tree Shelter Guard and cane with the exception of Ilex, Lonicera and Rosa which should be installed with plastic mesh guard and sawn timber stake. Mulch application to base of hedge.

PERCENTAGE	QUANTITY	SPECIES	HEIGHT cm	TYPE	SIZE
5%	24 No.	Carpinus betulus	90-120	BR	-
5%	24 No.	Cornus sanguinea	60-80	BR	-
20%	95 No.	Corylus avellana	60-80	BR	-
45%	213 No.	Crataegus monogyna	90-120	BR	-
15%	70 No.	Ilex aquifolium	20-30	CG	2lt
2%	10 No.	Lonicera periclymenum	60-80	CG	2lt
5%	24 No.	Malus sylvestris	40-60	BR	-
3%	15 No.	Rosa canina	40-60	BR	-

Stock Total: 475

SINGLE SPECIES UK NATIVE HEDGE - Total length: 46 linear metres

QUANTITY	SPECIES	HEIGHT cm	SIZE	TYPE	SPACING
205 No.	Taxus baccata	40-60	-	RB	(Staggered row - 5 per metre)

UK NATIVE SPECIES BUFFER PLANTING - Total approx. area: 470 m²

Mixture of UK native tree, shrub and scrub species. Planting at 1m centres. Each whip installed with sawn timber stake and black mesh shrub guard. Planting in species groups of 3 excluding Lonicera. Under story seeding of WOODLAND SHADE SEED MIX

PERCENTAGE	QUANTITY	SPECIES	HEIGHT cm	TYPE	SIZE
20%	94 No.	Cornus sanguinea	60-80	BR	-
10%	47 No.	Corylus avellana	40-60	BR	-
15%	70 No.	Crataegus monogyna	60-80	BR	-
10%	47 No.	Ilex aquifolium	20-30	CG	2lt
15 %	70 No.	Ligustrum vulgare	60-80	BR	-
05%	24 No.	Lonicera periclymenum	60-80	CG	2lt
05%	24 No.	Malus sylvestris	40-60	BR	-
20%	94 No.	Rosa canina	40-60	BR	-

Stock Total: 470

INDICATIVE SHRUBS & HERBACEOUS PERENNIALS.

All planting areas to be dressed in Medium Grade ornamental bark mulch following planting.

SPECIES	HEIGHT cm	SIZE	TYPE	SPACING mm
Agapanthis campanulatus 'Cobalt Blue'	20-30	2lt	CG	600
Anemone × hybrida 'September Charm'	15-20	1lt	CG	600
Aquilegia vulgaris var. stellata 'Ruby Port'	20-30	2lt	CG	600
Bergenia cordifolia 'Silberlicht'	30-40	2lt	CG	400
Crocosmia orange pekoe	30-40	3lt	CG	600
Crocosmia × crocosmiiflora 'Emily McKenzie'	20-30	2lt	CG	600
Erigeron Quakeress	10-30	1lt	CG	600
Euphorbia seguieriana	20-30	1lt	CG	600
Euphorbia characias subsp. wulfenii	30-40	2lt	CG	800
Erysimum 'Bowles's Mauve'	20-30	2lt	CG	400
Geranium hybrid Johnsons Blue	20-30	2lt	CG	400
Geranium orion	20-30	2lt	CG	600
Hebe 'Caledonia'	30-40	3lt	CG	600
Hebe Red Edge	20-30	2lt	CG	400
Helleborus niger	20-30	2lt	CG	400
Heuchera 'Caramel'	15-20	2lt	CG	400
Heuchera 'Plum Pudding'	15-20	2lt	CG	400
Hydrangea paniculata 'Little Lime'	40-60	5lt	CG	600
Hylotelephium telephium 'Autumn Joy'	20-30	2lt	CG	400
Lavandula angustifolia 'Hidcote'	20-30	2lt	CG	400
Nepeta italica	20-30	1lt	CG	400
Osmanthus burkwoodii	30-40	2lt	CG	800
Pachysandra terminalis	10-15	2lt	CG	400
Papaver rupifragum	10-20	1lt	CG	800
Persicaria affinis Darjeeling Red	20-30	2lt	CG	400
Phormium Jester	60-80	5lt	CG	800
Pinus mugo 'Laurin'	40-60	5lt	CG	800
Pinus sylvestris 'Watereri'	40-60	5lt	CG	800
Pittosporum tenuifolium Tom Thumb	30-40	3lt	CG	800
Pittosporum tenuifolium 'Golf Ball'	30-40	5lt	CG	800
Pittosporum tobiara 'Nanum'	30-40	2lt	CG	600
Potentilla fruticosa 'Abbotswood'	40-60	2lt	CG	800
Potentilla fruticosa 'Tangerine'	40-60	2lt	CG	800
Rosa Kent	30-40	2lt	CG	600
Rosa Kew Garden [David Austin]	30-40	5lt	CG	800
Rudbeckia fulgida var. sullivantii 'Goldsturm'	30-40	3lt	CG	800
Salvia 'Amistad'	20-30	2lt	CG	800
Sedum Autumn Joy	20-30	2lt	CG	400
Skimmia × confusa 'Kew Green'	30-40	5lt	CG	800
Tiarella 'Spring Symphony'	20-30	2lt	CG	400
Verbena bonariensis 'Lollipop'	30-40	2lt	CG	600
Verbena officinalis var grandifolora Bampton	30-40	2lt	CG	600
Veronicastrum virginicum 'Diane'	20-30	2lt	CG	600
Vinca major 'Variegata'	20-30	2lt	CG	400

GRASSES

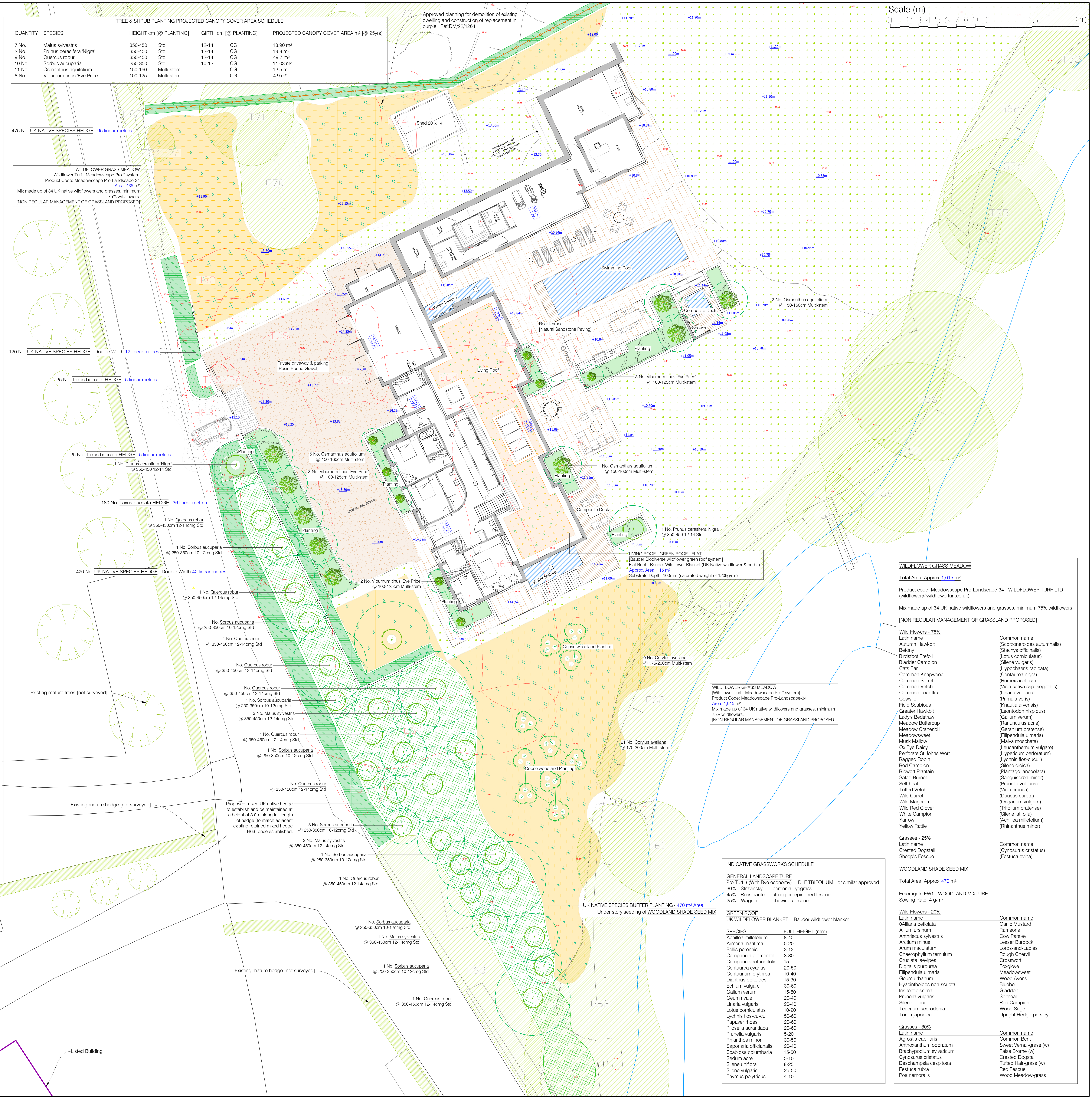
SPECIES	HEIGHT cm	SIZE	TYPE	SPACING mm
Anemanthele lessoniana	30-40	3lt	CG	600
Carex divulsa	20-30	2lt	CG	600
Luzula Snowflake	20-30	2lt	CG	600
Molinia caerulea 'Poul Petersen'	40-60	2lt	CG	600

FERNS

SPECIES	HEIGHT	SIZE	TYPE	SPACING
Asplenium scolopendrium	20-30	2lt	CG	600
Dryopteris erythrosora 'Brilliance'	20-30	2lt	CG	600
Dryopteris filix-mas	30-40	5lt	CG	800
Polypodium vulgare	10-20	2lt	CG	400

TREE & SHRUB PLANTING PROJECTED CANOPY COVER AREA SCHEDULE

QUANTITY	SPECIES	HEIGHT cm [@ PLANTING]		GIRTH cm [@ PLANTING]		PROJECTED CANOPY COVER AREA m² [@ 25yrs]
7 No.	Malus sylvestris	350-450	Std	12-14	CG	18.90 m²
2 No.	Prunus cerasifera 'Nigra'	350-450	Std	12-14	CG	19.8 m²
9 No.	Quercus robur	350-450	Std	12-14	CG	49.7 m²
10 No.	Sorbus aucuparia	250-350	Std	10-12	CG	11.03 m²
11 No.	Osmanthus aquifolium	150-160	Multi-stem	-	CG	12.5 m²
8 No.	Viburnum tinus 'Eve Price'	100-125	Multi-stem	-	CG	4.9 m²


Scale (m)
0 1 2 3 4 5 6 7 8 9 10 15 20
Approved planning for demolition of existing dwelling and construction of replacement in purple. Ref: DM/22/1264
475 No. UK NATIVE SPECIES HEDGE - 95 linear metres
Shed 20' x 14'
Swimming Pool
Water feature
Composite Deck
Shower
Rear terrace [Natural Sandstone Paving]
Planting
Living Roof
Private driveway & parking [Resin Bound Gravel]
3 No. Osmanthus aquifolium @ 150-160cm Multi-stem
3 No. Viburnum tinus 'Eve Price' @ 100-125cm Multi-stem
120 No. UK NATIVE SPECIES HEDGE - Double Width 12 linear metres
25 No. Taxus baccata HEDGE - 5 linear metres
25 No. Taxus baccata HEDGE - 5 linear metres
1 No. Prunus cerasifera 'Nigra' @ 350-450 12-14 Std
5 No. Osmanthus aquifolium @ 150-160cm Multi-stem
3 No. Viburnum tinus 'Eve Price' @ 100-125cm Multi-stem
1 No. Osmanthus aquifolium @ 150-160cm Multi-stem
180 No. Taxus baccata HEDGE - 36 linear metres
1 No. Quercus robur @ 350-450cm 12-14cmg Std
1 No. Sorbus aucuparia @ 250-350cm 10-12cmg Std
420 No. UK NATIVE SPECIES HEDGE - Double Width 42 linear metres
2 No. Viburnum tinus 'Eve Price' @ 100-125cm Multi-stem
1 No. Prunus cerasifera 'Nigra' @ 350-450 12-14 Std
Copse woodland Planting
9 No. Corylus avellana @ 175-200cm Multi-stem
21 No. Corylus avellana @ 175-200cm Multi-stem
3 No. Malus sylvestris @ 350-450cm 12-14cmg Std
3 No. Sorbus aucuparia @ 250-350cm 10-12cmg Std
1 No. Malus sylvestris @ 350-450cm 12-14cmg Std
Existing mature trees [not surveyed]
Existing mature hedge [not surveyed]
Existing mature hedge [not surveyed]
Listed Building

Proposed mixed UK native hedge to establish and be maintained at a height of 3.0m along full length of hedge [to match adjacent existing retained mixed hedge H63] once established.

WILDFLOWER GRASS MEADOW
[Wildflower Turf - Meadowscape Pro™ system]
Product Code: Meadowscape Pro-Landscape-34
Area: 435 m²
Mix made up of 34 UK native wildflowers and grasses, minimum 75% wildflowers.
[NON REGULAR MANAGEMENT OF GRASSLAND PROPOSED]

WILDFLOWER GRASS MEADOW
[Wildflower Turf - Meadowscape Pro™ system]
Product Code: Meadowscape Pro-Landscape-34
Area: 1,015 m²
Mix made up of 34 UK native wildflowers and grasses, minimum 75% wildflowers.
[NON REGULAR MANAGEMENT OF GRASSLAND PROPOSED]

LIVING ROOF - GREEN ROOF - FLAT
[Bauder Biodiverse wildflower green roof system]
Flat Roof - Bauder Wildflower Blanket (UK Native wildflower & herbs)
Approx. Area: 115 m²
Substrate Depth: 100mm (saturated weight of 120kg/m²)

UK NATIVE SPECIES BUFFER PLANTING - 470 m² Area
Under story seeding of WOODLAND SHADE SEED MIX

levels

EXISTING LEVELS

PROPOSED LEVELS

INDICATIVE GRASSWORKS SCHEDULE

GENERAL LANDSCAPE TURF

Pro Turf 3 (With Rye economy) - DLF TRIFOLIUM - or similar approved

30%	Stravinsky	- perennial ryegrass
45%	Rossinante	- strong creeping red fescue
25%	Wagner	- chewings fescue

GREEN ROOF

UK WILDFLOWER BLANKET. - Bauder wildflower blanket

SPECIES	FULL HEIGHT (mm)
Achillea millefolium	8-40
Armeria maritima	5-20
Bellis perennis	3-12
Campanula glomerata	3-30
Campanula rotundifolia	15
Centaurea cyanus	20-50
Centaurium erythrea	10-40
Dianthus deltoides	15-30
Echium vulgare	30-60
Galium verum	15-60
Geum rivale	20-40
Linaria vulgaris	20-40
Lotus corniculatus	10-20
Lychnis flos-cu-culi	50-60
Papaver rhoes	20-60
Pilosella aurantiaca	20-60
Prunella vulgaris	5-20
Rhianthos minor	30-50
Saponaria officianalis	20-40
Scabiosa columbaria	15-50
Sedum acre	5-10
Silene uniflora	8-25
Silene vulgaris	25-50
Thymus polytricus	4-10

WILDFLOWER GRASS MEADOW

Total Area: Approx. 1,015 m²

Product code: Meadowscape Pro-Landscape-34 - WILDFLOWER TURF LTD (wildflower@wildflowerturf.co.uk)

Mix made up of 34 UK native wildflowers and grasses, minimum 75% wildflowers.

[NON REGULAR MANAGEMENT OF GRASSLAND PROPOSED]

Wild Flowers - 75%

Latin name	Common name
Autumn Hawkbit	(Scorzoneroides autumnalis)
Betony	(Stachys officinalis)
Birdsfoot Trefoil	(Lotus corniculatus)
Bladder Campion	(Silene vulgaris)
Cats Ear	(Hypochaeris radicata)
Common Knapweed	(Centaurea nigra)
Common Sorrel	(Rumex acetosa)
Common Vetch	(Vicia sativa ssp. segetalis)
Common Toadflax	(Linaria vulgaris)
Cowslip	(Primula veris)
Field Scabious	(Knautia arvensis)
Greater Hawkbit	(Leontodon hispidus)
Lady's Bedstraw	(Galium verum)
Meadow Buttercup	(Ranunculus acris)
Meadow Cranesbill	(Geranium pratense)
Meadowsweet	(Filipendula ulmaria)
Musk Mallow	(Malva moschata)
Ox Eye Daisy	(Leucanthemum vulgare)
Perforate St Johns Wort	(Hypericum perforatum)
Ragged Robin	(Lychnis flos-cuculi)
Red Campion	(Silene dioica)
Ribwort Plantain	(Plantago lanceolata)
Salad Burnet	(Sanguisorba minor)
Self-heal	(Prunella vulgaris)
Tufted Vetch	(Vicia cracca)
Wild Carrot	(Daucus carota)
Wild Marjoram	(Origanum vulgare)
Wild Red Clover	(Trifolium pratense)
White Campion	(Silene latifolia)
Yarrow	(Achillea millefolium)
Yellow Rattle	(Rhinanthus minor)

Grasses - 25%

Latin name	Common name
Crested Dogstail	(Cynosurus cristatus)
Sheep’s Fescue	(Festuca ovina)

WOODLAND SHADE SEED MIX

Total Area: Approx. 470 m²

Emorsgate EW1 - WOODLAND MIXTURE
Sowing Rate: 4 g/m²

Wild Flowers - 20%

Latin name	Common name
0Alliaria petiolata	Garlic Mustard
Allium ursinum	Ramsons
Anthriscus sylvestris	Cow Parsley
Arctium minus	Lesser Burdock
Arum maculatum	Lords-and-Ladies
Chaerophyllum temulum	Rough Chervil
Cruciata laevipes	Crosswort
Digitalis purpurea	Foxglove
Filipendula ulmaria	Meadowsweet
Geum urbanum	Wood Avens
Hyacinthoides non-scripta	Bluebell
Iris foetidissima	Gladdon
Prunella vulgaris	Selfheal
Silene dioica	Red Campion
Teucrium scorodonia	Wood Sage
Torilis japonica	Upright Hedge-parsley

Grasses - 80%

Latin name	Common name
Agrostis capillaris	Common Bent
Anthoxanthum odoratum	Sweet Vernal-grass (w)
Brachypodium sylvaticum	False Brome (w)
Cynosurus cristatus	Crested Dogstail
Deschampsia cespitosa	Tufted Hair-grass (w)
Festuca rubra	Red Fescue
Poa nemoralis	Wood Meadow-grass

KEY

soft landscape

T76	EXISTING RETAINED TREES Retained trees and canopy boundary of existing trees, shrubs & hedges as positioned following topographical survey of the existing site and Arboricultural Survey and Constraints Plan. Ref. PJC Consultancy Ltd - PJC/6138/22-02 dated: 3rd Oct 2022
T66	EXISTING TREES TO BE REMOVED Trees shrubs & hedges as positioned following topographical survey of the existing site and Arboricultural Survey and Constraints Plan to be removed. Ref. PJC Consultancy Ltd - PJC/6138/22-02 dated: 3rd Oct 2022
	EXISTING THIRD PARTY TREES - NOT SURVEYED Existing mature tree line on third party land to the west of the proposed plot shown for visual context. Position Approx.
	PROPOSED TREE PLANTING Heavy Standard tree planting proposed. Minimum 900mm depth of specific purpose free draining topsoil to BS 3882:2015 for tree planting. [see Indicative Planting Schedule]
	PROPOSED MULTI-STEM SPECIMEN SHRUB PLANTING Planting proposed as multi-stem for ornamental form. Minimum 600mm depth of specific purpose free draining topsoil to BS 3882:2015 for planting pits. [see Indicative Planting Schedule]
	PROPOSED TREE PLANTING PROJECTED CANOPY AT 25 YEARS FROM PLANTING Proposed canopy radius and canopy m² shown by dashed line.
	PLANTING BEDS Ornamental planting to include species of value to wildlife and pollinators. Minimum 450mm depth of specific purpose free draining topsoil to BS 3882:2015 for shrub planting etc. [see Indicative Planting Schedule]
	UK NATIVE SPECIES BUFFER PLANTING Staggered planting rows installed at 1000mm centres. Native UK Woodland mix planting copse to include species of value to wildlife and pollinators. Existing retained topsoil for planting within proposed areas. Understory seeding with WOODLAND SHADE SEED MIX
	HEDGE PLANTING - MIXED UK NATIVE SPECIES HEDGE Staggered quadruple rows. 10 plants per linear metre for bareroot stock. Minimum 450mm depth of specific purpose free draining topsoil to BS 3882:2015 for hedge planting [see Indicative Planting Schedule] - [Maintained at 2.5m]
	HEDGE PLANTING - SINGLE SPECIES UK NATIVE HEDGE Staggered double rows. 5 plants per linear metre for bareroot stock. Minimum 450mm depth of specific purpose free draining topsoil to BS 3882:2015 for hedge planting [see Indicative Planting Schedule] - [Maintained at 1.6m]
	GRASSWORKS - PROPOSED LANDSCAPE TURF AREA & EXISTING GRASS SWARD RETAINING OR REPAIRED. Areas of proposed amenity grass turf installed upon a minimum of 150mm depth of specific purpose free draining topsoil to BS 3882:2015. Soil leveled and prepared to a fine tilth prior to turf laying. [see Indicative Planting Schedule]
	GREEN ROOF TREATMENT - UK WILDFLOWER BLANKET. Proposed Bauder wildflower blanket treatment includes approx. 40 species of native wildflowers and herbs with less than 10% grass species. RHS Certified perfect for pollinator. Total area: 115 m² Substrate Depth: 100mm (saturated weight of 120kg/m²)
	GRASSWORKS - PROPOSED WILDFLOWER GRASS MEADOW [Wildflower Turf - Meadowscape Pro™ system] Meadowscape Pro-Landscape-34 Area: 1,015m². Mix made up of 34 UK native wildflowers and grasses, minimum 75% wildflowers.NON REGULAR MANAGEMENT OF GRASSLAND PROPOSED

hard landscape

	HARD LANDSCAPE - PROPOSED NATURAL SANDSTONE PAVING STONE FOR PATHWAYS & TERRACE AREAS
	HARD LANDSCAPE - PRIVATE DRIVEWAY & PARKING Proposed Resin Bound Gravel treatment (Trafficable / Permeable)
	HARD LANDSCAPE - PROPOSED COMPOSITE DECKING SYSTEM FOR PRIVATE REAR TERRACE AREAS
	HARD LANDSCAPE - GRANITE SETT THRESHOLDS & EDGE Proposed granite sett threshold HARD LANDSCAPE - HIGHWAYS ACCESS Proposed tarmac Highways access

boundary treatment

F1 - 1.2m High by 2.0m Wide Estate Fence Panel system. (Tubular) Black

F2 - 1.2m Round chestnut post and three cleft chestnut rail fence system with straining wire and galvanised mesh. (Livestock Fence (800mm) - C8/80/15) to rear private garden boundaries.

All works to conform to
BS 5837:2012 Trees in relation to design, demolition and construction. Plus conforming to arboricultural method statements.
BS 4428:1989 Code of practice for general landscape operations (excluding hard surfaces)
BS 8545:2014 Trees: from nursery to independence in the landscape. Recommendations ASTM D5268 - 13
Standard Specification for Topsoil Used for Landscaping Purposes
NOTE:
This drawing indicates design arrangement only. All works to be undertaken in accordance with best practice and all current BS & Building Regulations. Do not scale from drawing. Use figured dimensions only after checking.
Drawing to be printed and read in colour only.

E:	Minor amendments to proposed Shed / Store location	13.12.2024
D:	Minor amendments to proposed landscape arrangements	11.12.2024
C:	Minor amendments to include storage / shed	06.12.2024
B:	Amendments to proposed rear terrace landscape arrangement, levels & inc. an outdoor shower	06.12.2024
A:	Minor amendments to proposed rear terrace landscape arrangement & planting	26.07.2024

Client: SOUTHERN ROCK PROPERTY LIMITED

Project Name:
RIVERSIDE
BOLNEY CHAPEL LANE
TWINEHAM
WEST SUSSEX
RH17 5NN

Drawing title: Proposed Landscape Plan

Drawing no: PJC.1177.101 **Rev:** E

Scale: 1:200 *at* A1 **Date:** 25.07.2024

Drawn by: TR **Designed by:** TR

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