

Site Boundary



Key Plan - Not to Scale

Area Calculations

- Total Retained Woodland Area : 0.19ha
- Total Proposed Woodland Area : 0.3ha
- Total GI Area including woodland and POS : 1.24ha
- Total Site Area : 3.07ha

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purpose of issue **PLANNING**

a	Issued as Final	04-12-2023	NMa
-	Original	29-11-2023	NMa
rev	description	date	by

client
Barwood Homes Limited & J H Hallam & Son Limited

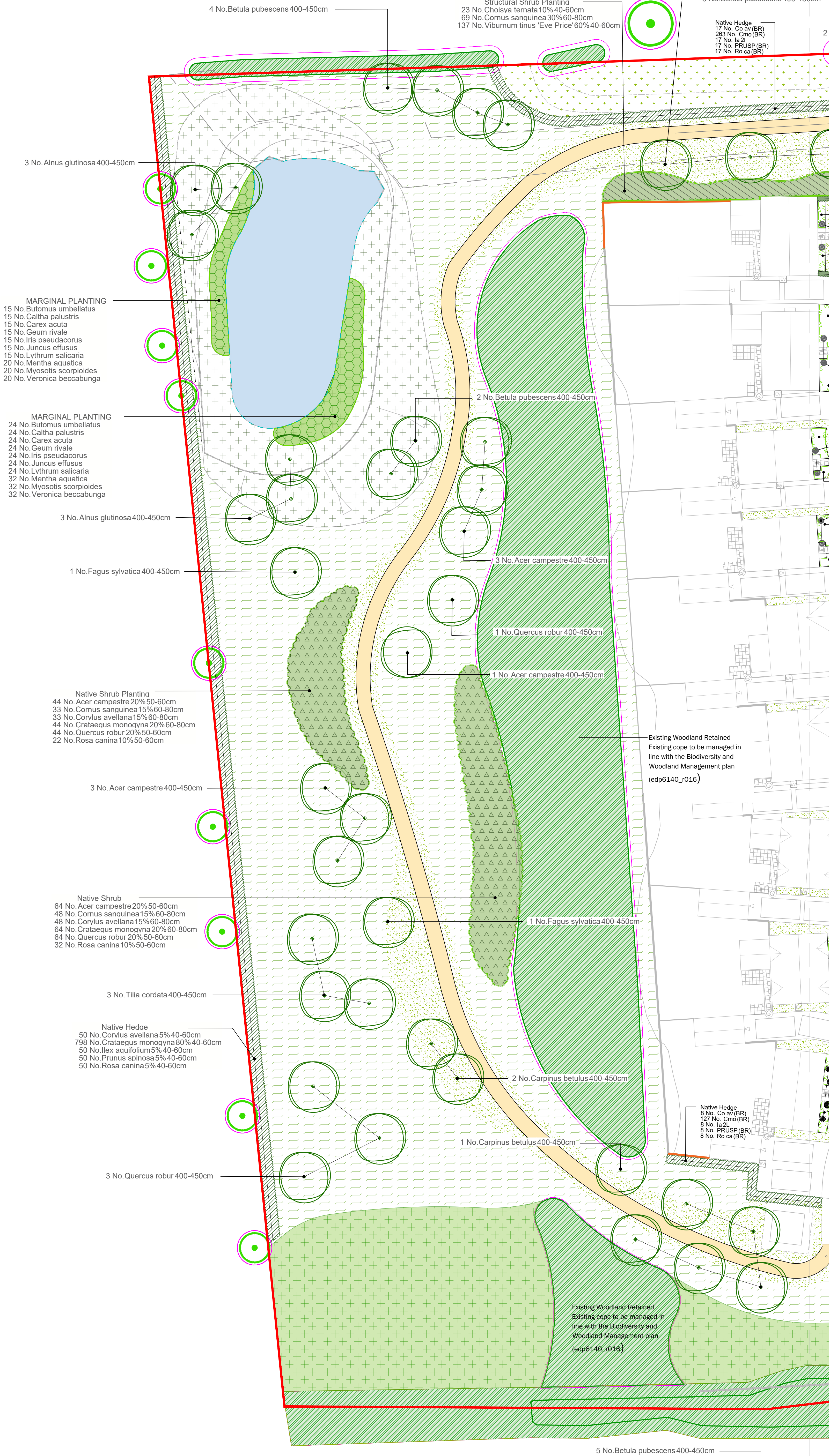
project title
Land off Beech Drive, Thornton

drawing title	Landscape - Planting Plan and Details		
	Overview		
date	29 NOVEMBER 2023	drawn by	NMa
drawing number	edp6140_d041a	checked	HMc
scale	1:500 @ A1	QA	RBa



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- Site Boundary
- Existing Trees/Groups to be Retained
In Accordance with BS5837
Refer to the Arboricultural Report
- Existing Vegetation to be Retained
In Accordance with BS5837
Refer to the Arboricultural Report
- Existing Grassland to be Retained
To Be Overseeded with Tussock Wildflower Seed
Product: EM10F Supplier: Emorsgate Seeds
- Existing Grassland Retained
To Be Overseeded with Emorsgate Standard General Purpose Meadow Mixture - EM2
- Proposed Tree
- Proposed Specimen Tree
- Proposed Specimen Topiary Shrub
- Proposed Woodland Planting
- Proposed Native Hedgerow Planting
Topsoil Depth: 450mm
Mulch: 75mm Depth Bark Mulch
- Proposed Formal Hedgerow Planting
Topsoil Depth: 450mm
Mulch: 75mm Depth Bark Mulch
- Proposed Amenity Grass
Product: TBC or Similar Approved
Supplier: Rolawn
Topsoil Depth: 150mm
- Proposed Grassland (TO ATTENUATION BANKS)
Product: EP1 Pond Edge Mix
Supplier: Emorsgate Seeds
Sowing rate: 4g/m²
- Proposed Ornamental Planting
Topsoil Depth: 450mm
Mulch: 75mm Depth Bark Mulch
- Proposed Native Shrub Planting
Topsoil Depth: 450mm
Mulch: Jute/Hessian Mulch Mats
Density 4-6 per sqm
- Proposed Structural Shrub Planting
Topsoil Depth: 450mm
Mulch: Jute/Hessian Mulch Mats
Density 4-6 per sqm
- Proposed Marginal/Aquatic Planting
- Proposed SuDS Feature
Lined Section to Basin, Refer to Engineer's Drawings
PJS22-058-DR-506 - Drainage GA for details
- Proposed Self Binding Gravel
- Proposed Garden Wall 1.8m high
For Details Refer to Architect's Boundaries and Hard Landscaping Plan 3520-03
- Easement to Proposed Services Refer to
Engineer's Drawings PJS22-058-DR-506 - Drainage GA for details

overview



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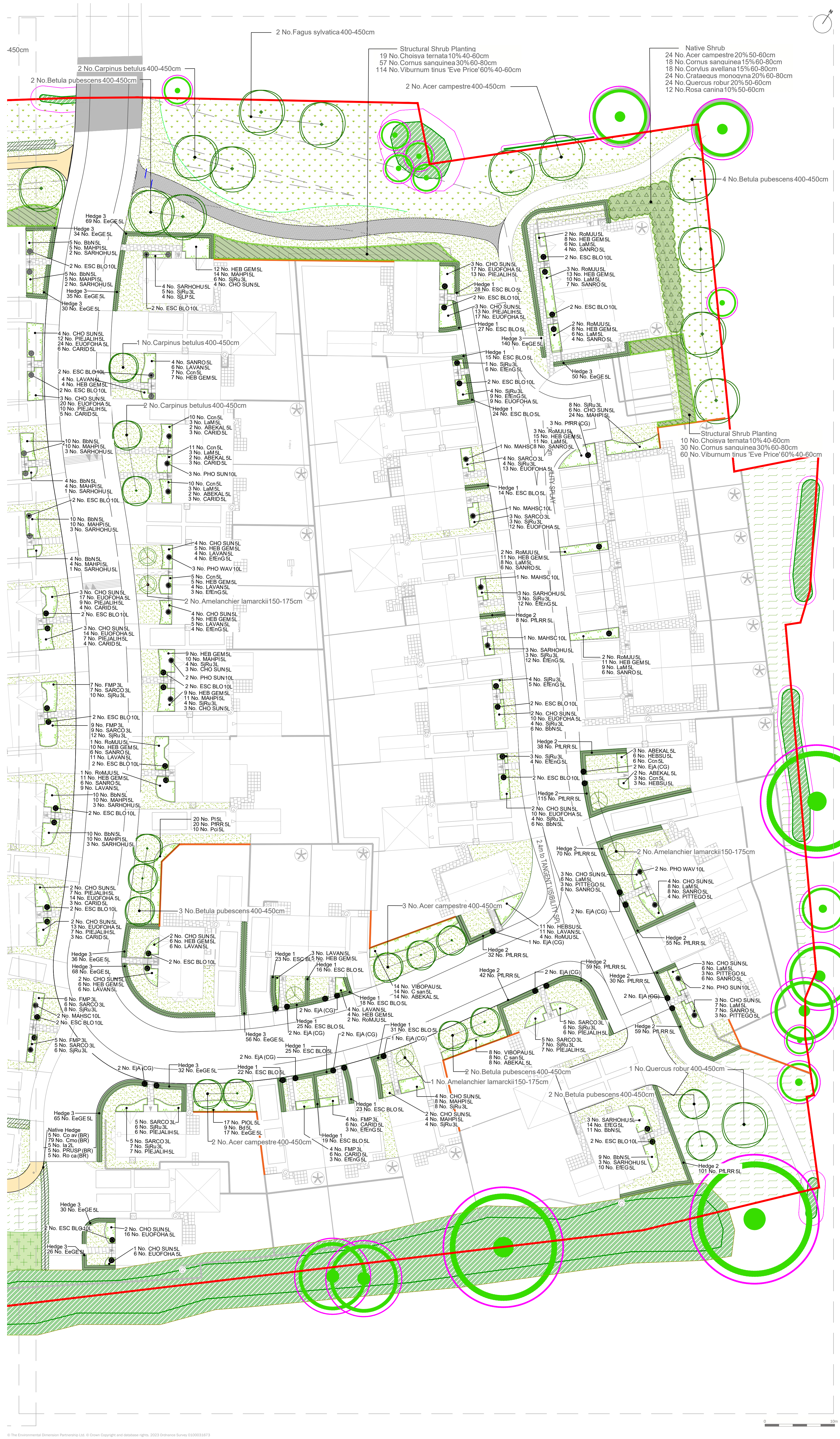
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drawing title
Landscape - Planting Plan and Details

date **29 NOVEMBER 2023** drawn by **NMa**
drawing number **edp6140_d041a** checked **HMc**
scale **1:250 @ A1** QA **RBa**



Site Boundary

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In Accordance with BS5837

Refer to the Arboricultural Report

Existing Vegetation to be Retained

In Accordance with BS5837

Refer to the Arboricultural Report

Existing Grassland to be Retained

To Be Overseeded with Tussock Wildflower Seed

Product: EM10F Supplier: Emorsgate Seeds

Existing Grassland Retained

To Be Overseeded with Emorsgate Standard General Purpose Meadow Mixture - EM2

Proposed Tree

Proposed Specimen Tree

Proposed Specimen Topiary Shrub

Proposed Woodland Planting

Proposed Native Hedgerow Planting

Topsoil Depth: 450mm

Mulch: 75mm Depth Bark Mulch

Proposed Formal Hedgerow Planting

Topsoil Depth: 450mm

Mulch: 75mm Depth Bark Mulch

Proposed Amenity Grass

Product: TBC or Similar Approved

Supplier: Rowen

Topsoil Depth: 150mm

Proposed Ornamental Planting

Topsoil Depth: 450mm

Mulch: 75mm Depth Bark Mulch

Proposed Native Shrub Planting

Topsoil Depth: 450mm

Mulch: Jute/Hessian Mulch Mats

Density: 4-6 per sqm

Proposed Structural Shrub Planting

Topsoil Depth: 450mm

Mulch: Jute/Hessian Mulch Mats

Density: 4-6 per sqm

Proposed Marginal/Aquatic Planting

Proposed Tarmac Path

2m wide

Proposed Garden Wall 1.8m high

For Details Refer to Boundaries and Hard Landscaping

Plan 3520-03 Rev D by BHB Architects

Hit and Miss Gate

For Details Refer to Specialist's Drawings

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Sheet 2 of 3

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the environmental dimension partnership

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Trees and Planting

Trees						
Number	Abbreviation	Species	Girth	Height	Specification	Density
14	A ca	Acer campestre	14-16cm	400-450cm		Counted
6	A gl	Alnus glutinosa	14-16cm	400-450cm		Counted
5	A lam	Amelanchier lamarckii		150-175cm		Counted
27	B pub	Betula pubescens	14-16cm	400-450cm		Counted
8	C be	Carpinus betulus	14-16cm	400-450cm		Counted
4	F s	Fagus sylvatica	14-16cm	400-450cm		Counted
5	Q r	Quercus robur	14-16cm	400-450cm		Counted
3	T co	Tilia cordata	14-16cm	400-450cm		Counted
Total :72						

Shrubs						
Number	Abbreviation	Species	Height	Pot Size	Specification	Density
33	ABEKAL	Abelia grandiflora 'Kaleidoscope'	40-60cm	5L		3/m²
90	BBN	Berberis buxifolia 'Nana'	30-40cm	5L		3/m²
9	Bd	Berberis darwinii	40-60cm	5L		3/m²
52	C ter	Choisya ternata	40-60cm	5L	Bushy :5 brks	2.5/m²
77	CHO SUN	Choisya ternata 'Sundance'	40-60cm	5L		3/m²
52	Con	Convolvulus cneorum	30-40cm	5L		3/m²
156	C san	Cornus sanguinea	60-80cm	5L	Branched :4 brks	2.5/m²
22	C san	Cornus sanguinea	60-80cm	5L		3/m²
17	EaGE	Elaeagnus ebbingei 'Gilt Edge'	40-60cm	5L		3/m²
44	ESC BLO	Escallonia 'Apple Blossom'	60-80cm	10L	Form: Cone	Counted
65	ElEnG	Euonymus fortunei 'Emerald 'n' Gold'	20-30cm	5L		4/m²
24	ElEG	Euonymus fortunei 'Emerald Gaiety'	20-30cm	5L		4/m²
212	EUOFOHA	Euonymus fortunei 'Harlequin'	20-30cm	5L		4/m²
20	EJA	Euonymus japonicus 'Aureus' (CG)	150-175cm	(CG)	Form: Half Standard	Counted
35	FMP	Fuchsia 'Mrs Popple'	30-40cm	3L		3/m²
164	HEB GEM	Hebe 'Green Globe'	30-40cm	5L		3/m²
20	HEBSU	Hebe 'Sutherlandii'	30-40cm	5L		3/m²
73	LAVAN	Lavandula angustifolia	30-40cm	5L		3/m²
86	LaM	Lavandula angustifolia 'Munstead'	30-40cm	5L		3/m²
6	MAHSC	Mahonia 'Soft Caress'	40-60cm	10L		Counted
129	MAHPI	Mahonia pinnata	30-40cm	5L		3/m²
5	PHO WAV	Phormium 'Yellow Wave'	60-80cm	10L		Counted
7	PHO SUN	Phormium tenax 'Rainbow Sunrise'	60-80cm	10L		Counted
3	PIRR	Photinia fraseri 'Red Robin'	175-200cm	(CG)		Counted
20	PIRR	Photinia fraseri 'Red Robin'	40-60cm	5L		3/m²
112	PIEJALIH	Pieris japonica 'Little Heath'	30-40cm	5L		4/m²
13	PITTEGO	Pittosporum tenuifolium 'Golf Ball'	30-40cm	5L		3/m²
10	Pot	Prunus cistena	40-60cm	5L		3/m²
17	POL	Prunus laurocerasus 'Otto Luyken'	40-60cm	5L		3/m²
20	PI	Prunus lusitanica	40-60cm	5L		3/m²
22	RoMUJ	Rosmarinus officinalis 'Miss Jessopp's Upright'	40-60cm	5L		2/m²
76	SANRO	Santolina rosmarinifolia	30-40cm	5L		3/m²
60	SARCO	Sarcococca confusa	30-40cm	3L		3/m²
30	SARHOUH	Sarcococca hookerana humilis	40-60cm	5L		3/m²
4	SARHOUH	Sarcococca hookerana humilis	30-40cm	5L		3/m²
142	SiRu	Skimmia japonica 'Rubella'	30-40cm	3L		3/m²
4	SiLP	Spiraea japonica 'Little Princess'	30-40cm	5L		3/m²
22	VIBOPAU	Viburnum opulus 'Aureum'	40-60cm	5L		3/m²
311	VIPE	Viburnum tinus 'Eve Price'	40-60cm	5-7.5L	Branched :6 brks	2.5/m²
Total :2266						

Marginal / Aquatics				
Number	Abbreviation	Species	Pot Size	Density
39	B u	Butornus umbellatus	2L	3/m²
39	C p	Caltha palustris	2L	3/m²
39	CARAC	Carex acuta	2L	3/m²
39	GEURI	Geum rivale	1L	3/m²
39	I p	Iris pseudacorus	1L	3/m²
39	JUNEF	Juncus effusus	2L	3/m²
39	L sa	Lythrum salicaria	1.5-2L	3/m²
52	MENAQ	Mentha aquatica	1L	4/m²
52	M sc	Myosotis scorpioides	1L	4/m²
52	V be	Veronica beccabunga	2L	4/m²
Total :429				

Grasses				
Number	Abbreviation	Species	Specification	Density
46	CARID	Carex 'Ice Dance'		3/m²
Total :46				

Hedges					
Number	Abbreviation	Species	Height	Specification	Density
671	EaGE	Elaeagnus ebbingei 'Gilt Edge'	30-40cm		4/m
310	ESC BLO	Escallonia 'Apple Blossom'	40-60cm		4/m
609	PIRR	Photinia fraseri 'Little Red Robin'	40-60cm		4/m
Total :1590					

Woodland Planting - Feathered Trees and Native Understorey Shrub

Trees - Native					
Number	Common Name	Species	Girth	Height	Specification
10	Common Maple	Acer campestre		175-200cm	Feather 2x :5 brks :B
10	Common alder	Alnus glutinosa		175-200cm	Feather 2x :5 brks :B
10	Downy Birch	Betula pubescens		150-175cm	Feather 2x :5 brks :B
10	Wild Cherry	Prunus avium		150-175cm	Feather 2x :5 brks :B
10	European mountain ash	Sorbus aucuparia		125-150cm	Feather 2x :3 brks :B
Total :50					

Shrubs						
Number	Common Name	Species	Height	Pot Size	Specification	Density
44	Common Dogwood	Cornus sanguinea	60-80cm		Branched 1+1 :BR	1.5Cr
65	Common Hazel	Corylus avellana	60-80cm		Branched 1+1 :BR	1.5Cr
87	Common Hawthorn	Crataegus monogyna	60-80cm		1+1 :B	1.5Cr
31	Common Spindle Tree	Euonymus europaeus	60-80cm		1+1 :B	1.5Cr
22	Common Holly	Ilex aquifolium	60-80cm	5L	Branched :C	1.5Cr
44	Common Privet	Ligustrum vulgare	60-80cm		1+1 :3 brks :B	1.5Cr
44	Blackthorn	Prunus spinosa	60-80cm		1+2 :B	1.5Cr
22	Dog Rose	Rosa canina	60-80cm		1+1 :3 brks :B	1.5Cr
44	Common Elder	Sambucus nigra	60-80cm		1+1 :3 brks :B	1.5Cr
36	Guelder Rose	Viburnum opulus	60-80cm		1+2 :3 brks :B	1.5Cr
Total :439						

Native Shrub planting

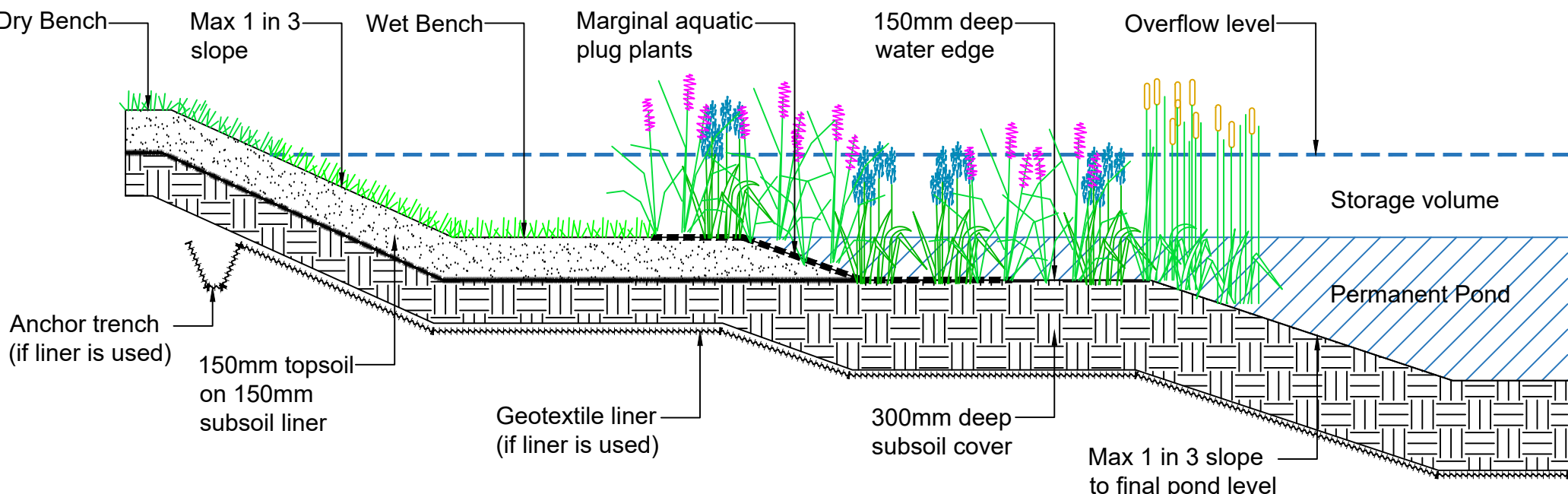
Shrubs						
Number	Abbreviation	Species	Height	Pot Size	Specification	Density
132	ACCA	Acer campestre	50-60cm	3L	1+1 transplant	1.5/m²
99	Co sa	Cornus sanguinea	60-80cm	5L	1+1 transplant	1.5/m²
99	CORAV	Corylus avellana	60-80cm	3L	1+1 transplant	1.5/m²
132	Cr mo	Crataegus monogyna	60-80cm		1+1 transplant	1.5/m²
132	Qr	Quercus robur	50-60cm		1+1 transplant	1.5/m²
66	ROSCA	Rosa canina	50-60cm		Bare root or 2L pot	1.5/m²
Total :660						

Native Hedges

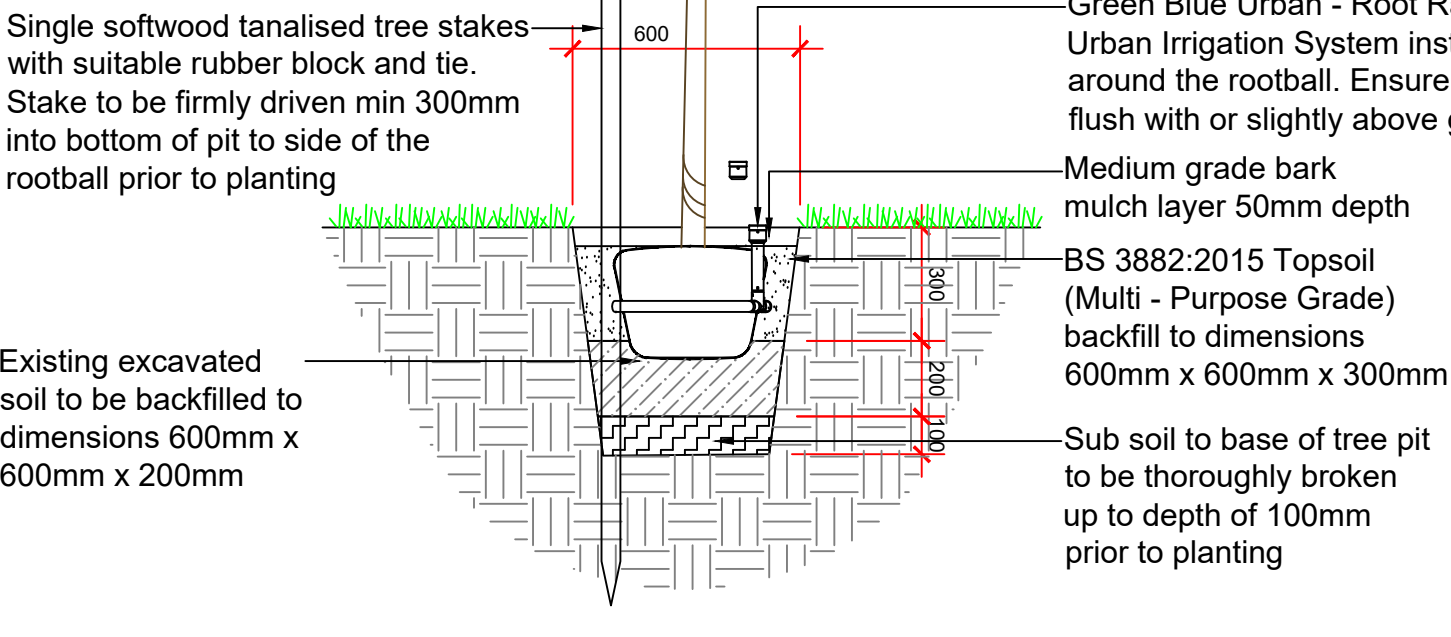
Hedges					
Number	Abbreviation	Species	Height	Specification	Density
60	Co av	Corylus avellana	40-60cm		0.3Cr Double Staggered at 0.4m offset
1267	Cmo	Crataegus monogyna	40-60cm		0.3Cr Double Staggered at 0.4m offset
80	la	Ilex aquifolium	40-60cm		0.3Cr Double Staggered at 0.4m offset
80	PRUSP	Prunus spinosa	40-60cm		0.3Cr Double Staggered at 0.4m offset
80	Ro ca	Rosa canina	40-60cm		0.3Cr Double Staggered at 0.4m offset
Total :1587					

All detailed sections and planting notes below have been copied from the East Midlands Planting plan and details drawing EML BH 1153 01 dated 16.04.2021

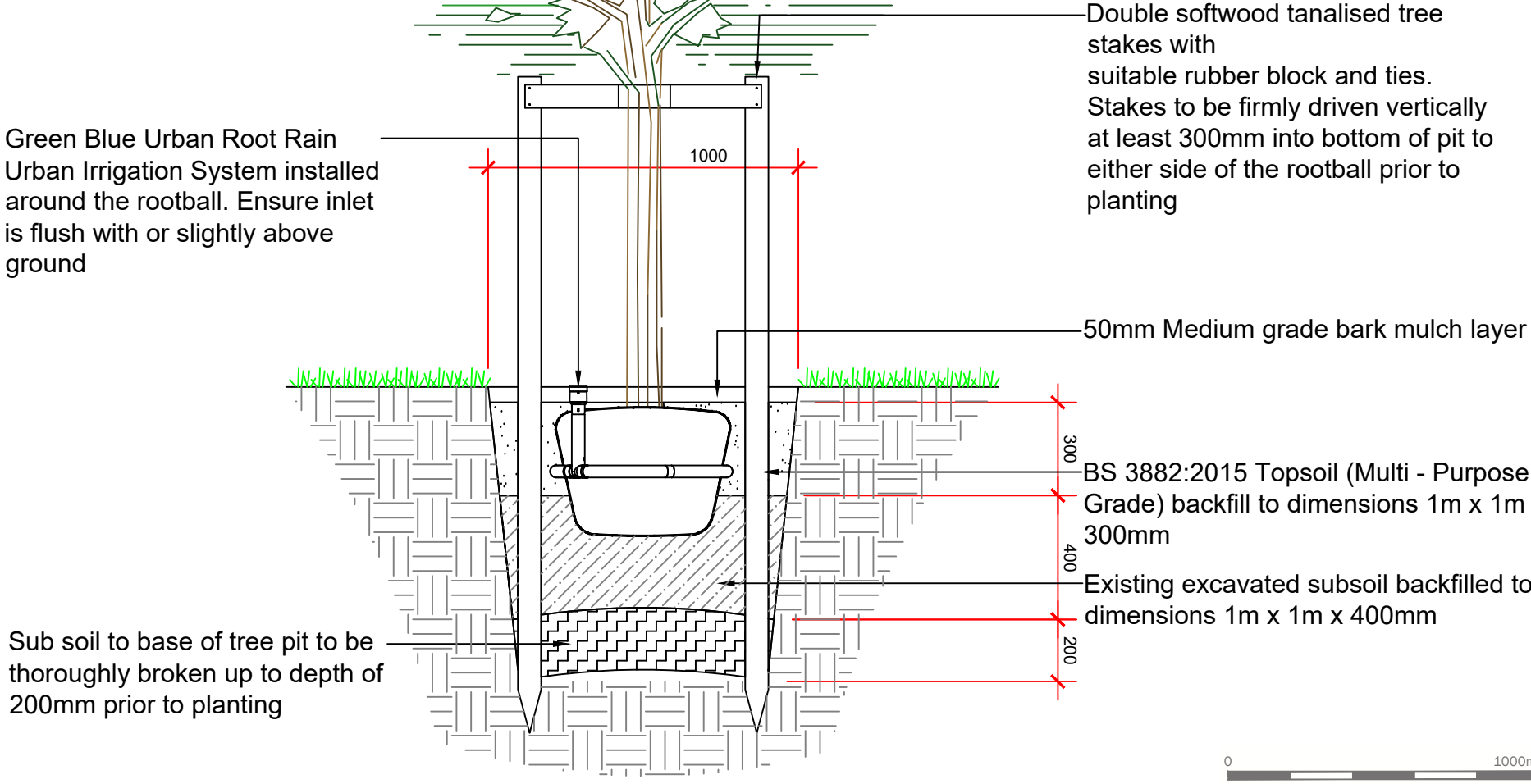
TYPICAL SECTION THROUGH POND EMBANKMENT
T.B.C BY ENGINEER NTS



HALF STANDARD & SPECIMEN TREE
PIT PLANTING DETAIL



TREE PIT PLANTING DETAIL
IN SOFT LANDSCAPING
10-12CM & 16-18CM Girth Trees



- DRAWING INFORMATION
- This Landscaping drawing is based upon East Midland drawing BHB Architects 3520 - 06AA proposed site plan
- SITE PREPARATION
- All plants and planting to comply with the requirements of all current / relevant British Standard 8545:2014 and BS 5326:1975 where applicable, BS 4428:1989
- During cultivation, a 50mm depth of PAS 100 compost and Greentech ICL Sierrabene Flora (11:21:9) top 150mm depth of topsoil.
- Supply and spread Ornamental Grade Bark Mulch at 50mm depth hedge and ornamental planting
- All shrubs are to be planted at the specified densities as shown on the planting schedule.
- Planting adjacent to road kerbs & hard surfaces is to be set back 250mm min from the back of kerb unplanted area keyed out to receive bark mulch.
- All hedges to be planted as per landscaping schedule.
- Excavate continuous trench to suitable depth in relation to container size and the nursery line of the plant, ensure plants are equally spaced in straight lines.
- Add PAS 100 grade compost and fertilizer to topsoil prior to backfilling.
- Rabbit protection for native stock planting, appropriate spiral and cane installed to manufacturers specification.
- TURF
- Turf shall be supplied in accordance with BS 3969:1998+A1:2013 and all turfing operations in accordance with BS 4428:1989.
- Inspect turf at time of delivery and lay on day of delivery. Water thoroughly immediately after laying and for following 7 to 10 days until roots established.
- Turf prone to rapid drying out in hot or windy conditions additional watering visits may be required due to adverse weather conditions.
- SEEDING AREAS
- All wildflower seeded areas installation.
- Existing vegetation to be reduced & herbicide treated over 2no occasions to removing existing grassland species.
- Ground to be cultivated to create a suitable tilth for seeding.
- Sow seed as per manufacturers instructions & roll upon completion.

- TREE PLANTING
- Specification for trees in accordance with BS 8545:2014
- Selected standard & plus size trees to be planted as shown on tree pit detail.
- All smaller trees appropriate staking method to be applied eg. bare root nursery stock if applicable in relation to build programme.
- Tree planting in relation to statutory service runs will be coordinated with main site contractor and a minimum of 3m distance from sewer, water mains and 6m from gas mains.
- No tree species/location/specification will be amended without prior approval from the project Landscape Architect and/or the Client.
- Where the minimum distance for water mains/foul mains be compromised, then the tree pit should be no less than 1.5m distance minimum and appropriate root barrier should be installed or the tree should be re-positioned to a new location.
- Should the minimum distance for gas mains be compromised then this should be no less than 3m with appropriate root barrier installed or tree should be re-positioned to a new location.
- Trees positioned within 3m of roads, pathways and buildings should have appropriate root barrier installed to prevent any potential root disturbance.
- Proposed Native Trees, Hedges and Woodland
- New tree or hedgerow planting to be stock of native provenance drawn from Native Seed Zone 402 (Forestry Commission) and typical of those found indigenous to County Leicestershire.
- WATERING
- Watering shall be carried out as necessary to maintain the healthy growth of all plants and trees.
- All trees & shrubs are to be thoroughly watered prior to and following planting.
- TREE PROTECTION MEASURES
- Tree protection fences shall be erected with reference to Clause 7.2 BS5837 2012 in advance of contract works commencing. Fences shall be Heras style panels.
- Any work within the RPA of existing trees shall be undertaken by hand to ensure no tree roots are damaged. Root and branch pruning within protected zones shall be in accordance with BS3998 1989
- Recommendations for Tree work
- MAINTENANCE
- Year 1: The newly sown meadows should be regularly mown throughout the first year of establishment to a height of 40-60mm, removing cuttings. This will control annual weeds and help maintain balance between faster growing grasses and slower developing wildflowers.
- Years 2+: After flowering in July or August the grassland should be mown once to 50mm with the arisings left in-situ for circa 1 week to allow seeds to shed, then removed from Site.
- Regular landscape maintenance visits are required throughout the growing season in all areas.
- Maintenance preparations to include watering, formative pruning and disease control and re-mulching. Mowing is to be carried out to maintain grass sward to maximum 50mm height and all arising's are to be removed from site.
- All tree stakes are to be checked monthly and adjusted as appropriate.
- Wildflower
- Year 1: The newly sown meadows should be regularly mown throughout the first year of establishment to a height of 40-60mm, removing cuttings. This will control annual weeds and help maintain balance between faster growing grasses and slower developing wildflowers.
- Years 2+: After flowering in July or August the grassland should be mown once to 50mm with the arisings left in-situ for circa 1 week to allow seeds to shed, then removed from Site.
- Landscape maintenance is to be carried out for a period of 12 months following completion, with replacement required for failed stock.
- The Landscape Contractor should make allowance to top up bark mulch to required depth at 12 months following completion grass sward to maximum 50mm height and all arising's are to be removed from site.

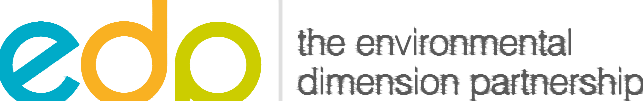
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