

- Site Boundary
- Land under Control of the Applicant

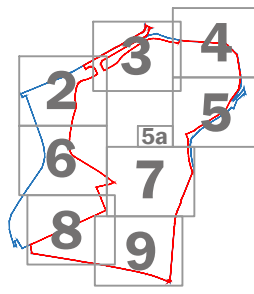


A risk assessment has been carried out on this design. Residual risks following this process are listed below. A copy of the full Design Risk Register is also available on request from EDP.

- Soft landscaping implementation within a construction environment (across the site);
- Installing trees (across the site);
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- Working within close proximity of underground services (across the site);
- Works adjacent to existing highways (across the site);
- Works near to existing PtoWs (across the site);
- Site Clearance and earthworks (across the site)
- Working at a height

For further guidance, refer to HSE Construction (Design and Management) Regulations 2015.

overview



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purpose of issue **PLANNING**

j	Additional footpath connection, trees and extension of retaining wall	04-12-2024	NWa
i	Footpath connection updated	02-10-2024	NMa
-	Original	05-05-2023	sRP
rev	description	date	by

client

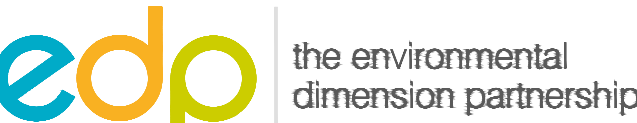
Ark Data Centres

project title **Proposed Extension of Spring Park Data Centre Campus - Land South of Westwells Road, Neston, Corsham**

drawing title **Detailed Soft Landscape Plan**

Sheet 1 of 10

date	04 DECEMBER 2024	drawn by	sRP
drawing number	edp7897_d021j	checked	CMY
scale	1:1000 @ A1	QA	RBa



Registered office: 01285 740427 - www.edp-uk.co.uk - info@edp-uk.co.uk



- Site Boundary
- Land under Control of the Applicant
- Existing Trees, Tree Groups and Scrub to be Retained
Refer to the Arboricultural Report
- Existing Trees, Tree Groups and Scrub to be Removed
Refer to the Arboricultural Report
- Existing Grassland to be Retained
- Proposed Tree Planting
- Proposed Feathered Tree Planting
- Existing Grassland/Scrub Retained and Over-Seeded with Shade Tolerant Grass Mix
Product: EG9 Grass Mixture for Meadows and Woodland
Supplier: Emorsgate Seeds
Sowing rate: 4g/m²
- Proposed Mixed Native Hedgerow Planting
Topsoil Depth: 450mm
Mulch: Jute/Hessian Mulch Matt in BNG Area; Bark Mulch along Moor Green
- Proposed Native Thorny Scrub Planting
Topsoil Depth: 450mm
Mulch: Jute/Hessian Mulch Matts
- Proposed Native Feathered Tree and Understorey Shrub Mix
Topsoil Depth: 450mm
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Undersown with Shade-tolerant Grass/Wildflower Mix (Emorsgate EM1 @ 4g/m²)
- Proposed Earth Mounding
Max. 2 in 4 Gradients on Outer Faces
- Proposed Earth Mounding - Indicative Heights (Metres Above Ground Level, m AGL)
- Proposed Native Shrub Mix
Topsoil Depth: 450mm
Mulch: 75mm Bark Mulch
- Proposed Wetland Planting Mix
- Permanent Wet Areas - SuDS Basins and Proposed Wildlife Pond
- Proposed Close-Mown Grass
Product: Low Maintenance Fineturf
Supplier: Germinal
Sowing rate: 20g/m²
Topsoil Depth: 150mm
- Proposed Species-Rich Meadow Grass
Product: EM1 Basic General Purpose Meadow Mixture
Supplier: Emorsgate Seeds
Sowing rate: 4g/m²
Topsoil Depth: 150mm
- Proposed Wetland Meadow Grass to Attenuation Basins
Product: EGS Meadow Grass Mixture for Wet Soils
Supplier: Emorsgate Seeds
Sowing rate: 4g/m²
- Proposed Gravel Path
Tanalised Timber Edging - 25mm x 100mm
To be Laid Over a Weed Suppressant Membrane
- 1.2m High Retaining Wall
The ends of the wall feathering down in height to 400mm
To top of wall where it exceeds 400mm in height
- Timber Post and Rail Fence
To top of wall where it exceeds 400mm in height
- Proposed Dog-Proof Fence and Gate
Timber Post and Rail with Stocknetting
- Existing Public Footpaths
- Proposed Diversion of Public Footpaths
Hoggin surface (2m wide) to paths, requiring 'no-dig' construction techniques where paths lie within retained tree Root Protection Zones. Path to be aligned at least 2m from any tree stems where possible.
- Possible Additional Footpath Connection
- Existing PRoW (CORM136) Upgraded from Footpath to Bridleway
3m wide
- New 3m Wide Grass Bridleway
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Sheet 2 of 10

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Product: EG9 Grass Mixture for Meadows and Woodland

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Sowing rate: 4g/m²

Proposed Mixed Native Hedgerow Planting

Topsoli Depth: 450mm

Mulch: Jute/Hessian Mulch Matt in BNG Area; Bark Mulch along Moor Green

Proposed Native Thorny Scrub Planting

Topsoli Depth: 450mm

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Proposed Earth Mounding

Max. 2 in 4 Gradients on Outer Faces

0.5m AGL

Proposed Earth Mounding - Indicative Heights (Metres Above Ground Level, m AGL)

Proposed Native Shrub Mix

Topsoli Depth: 450mm

Mulch: 75mm Bark Mulch

Proposed Wetland Planting Mix

Permanent Wet Areas - SuDS Basins and Proposed Wildlife Pond

Proposed Close-Mown Grass

Product: Low Maintenance Fineturf

Supplier: Germinia

Sowing rate: 20g/m²

Topsoli Depth: 150mm

Proposed Species-Rich Meadow Grass

Product: EM1 Basic General Purpose Meadow Mixture

Supplier: Emorsgate Seeds

Sowing rate: 4g/m²

Topsoli Depth: 150mm

Proposed Wetland Meadow Grass to Attenuation Basins

Product: EG8 Meadow Grass Mixture for Wet Soils

Supplier: Emorsgate Seeds

Sowing rate: 4g/m²

Proposed Gravel Path

Tanalisated Timber Edging - 25mm x 100mm

To be Laid Over a Weed Suppressant Membrane

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Timber Post and Rail Fence

To top of wall where it exceeds 400mm in height

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Existing Public Footpaths

Proposed Diversion of Public Footpaths

Hoggin surface (2m wide) to paths, requiring 'no-dig' construction techniques where paths lie within retained tree Root Protection Zones. Path to be aligned at least 2m from any tree stems where possible.

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Sheet 3 of 10

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8

CDM

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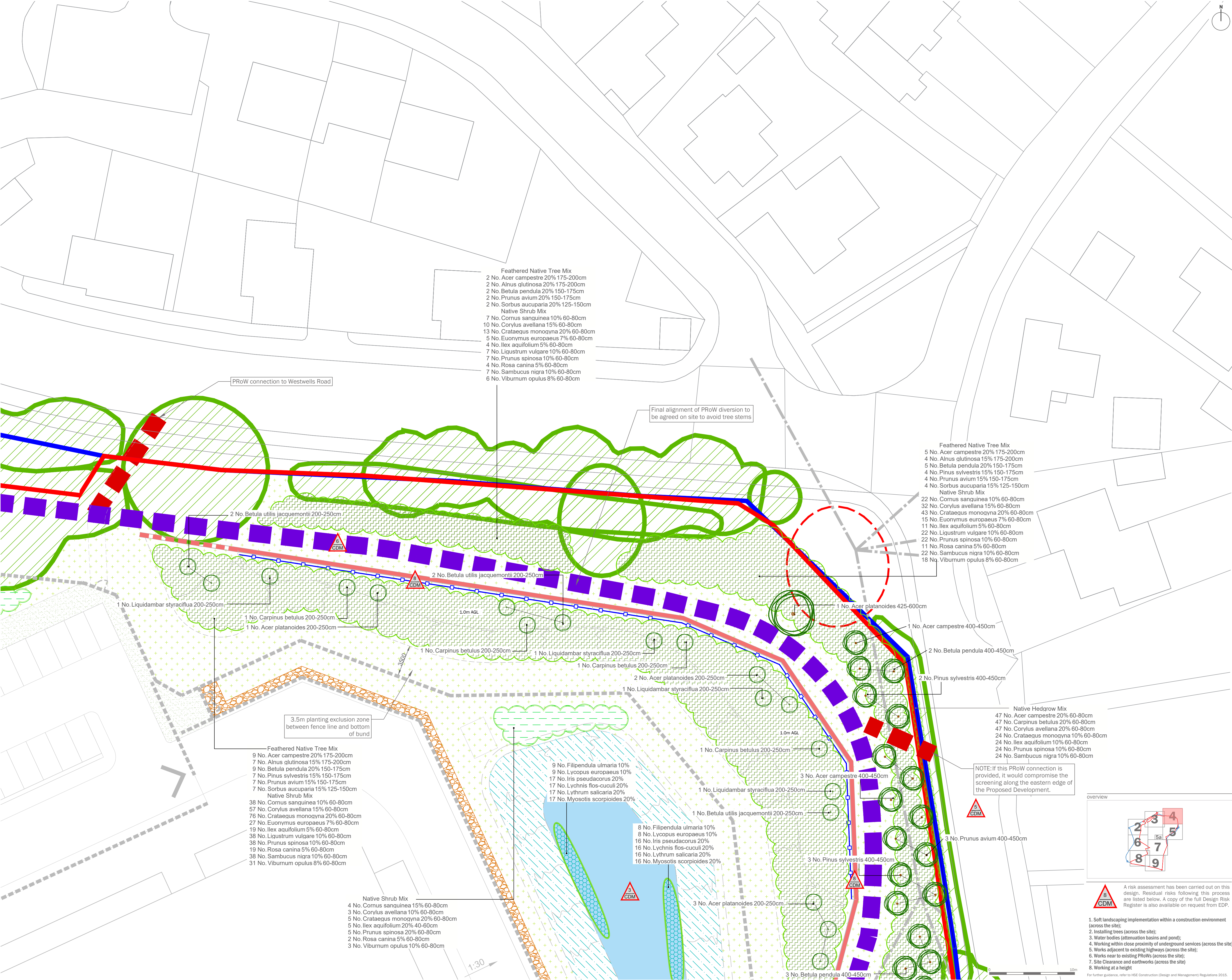
5. Works adjacent to existing highways (across the site);

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Topsoil Depth: 450mm
Mulch: Jute/Hessian Mulch Mats
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Max. 1 in 4 Gradients on Outer Faces
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Sowing rate: 20g/m²
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rev	description	date	by

client
Ark Data Centres

project title **Proposed Extension of Spring Park Data Centre Campus - Land South of Westwells Road, Neston, Corsham**

drawing title **Detailed Soft Landscape Plan**

Sheet 4 of 10
date **04 DECEMBER 2024** drawn by **sRP**
drawing number **edp7897_d021j** checked **CMY**
scale **1:200 @ A1** QA **RBa**



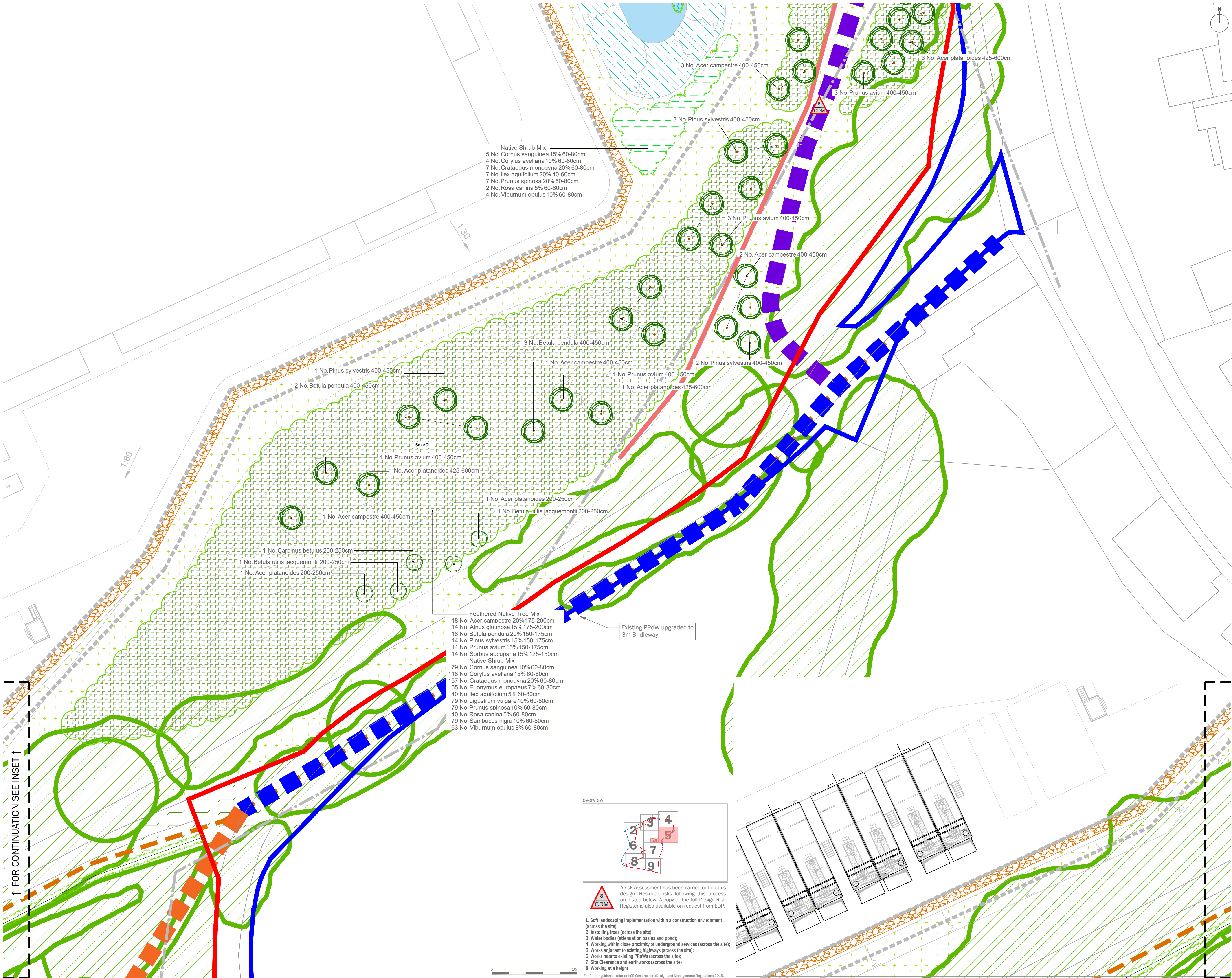
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Topsoil Depth: 450mm

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Proposed Close-Mown Grass

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Topsoil Depth: 150mm

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Sheet 5 of 10

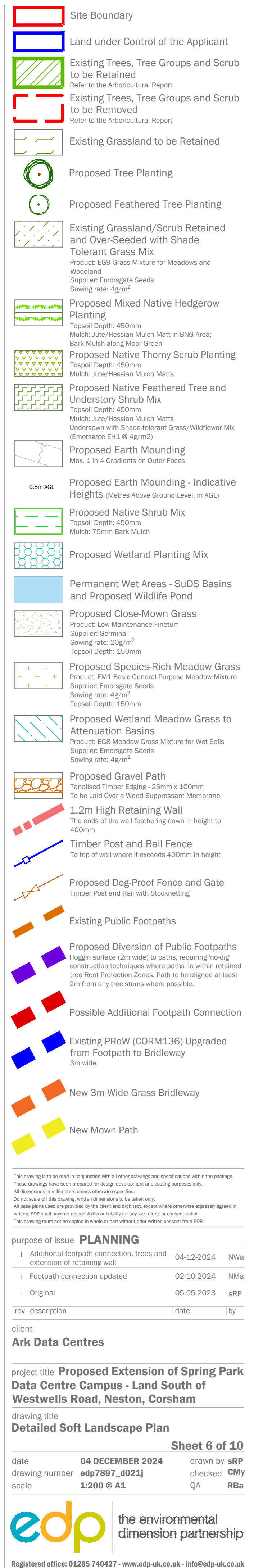
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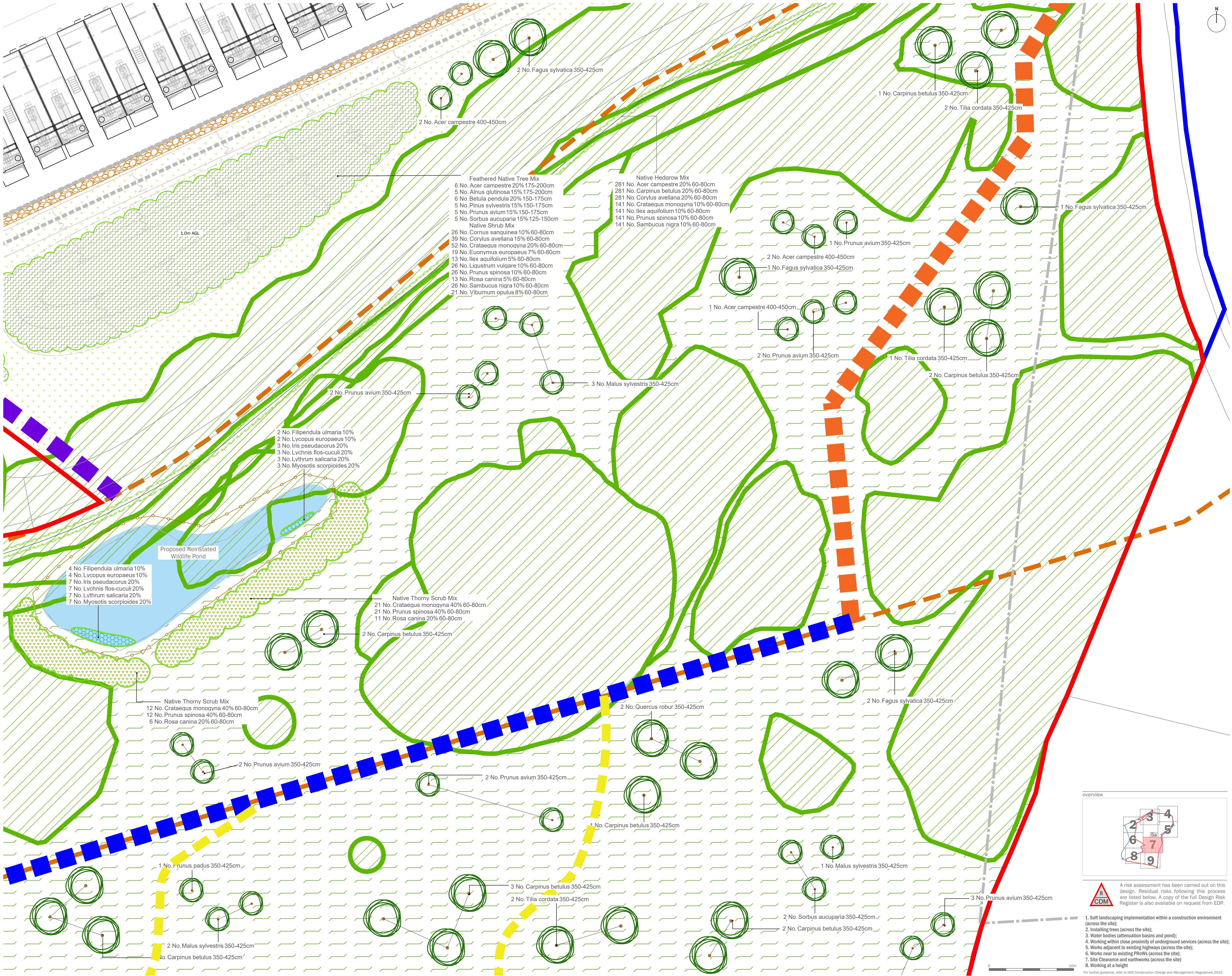
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purpose of issue	PLANNING		
j	Additional footpath connection, trees and extension of retaining wall	04-12-2024	NWa
i	Footpath connection updated	02-10-2024	NMa
-	Original	05-05-2023	sRP
rev	description	date	by

client
Ark Data Centres

project title **Proposed Extension of Spring Park Data Centre Campus - Land South of Westwells Road, Neston, Corsham**

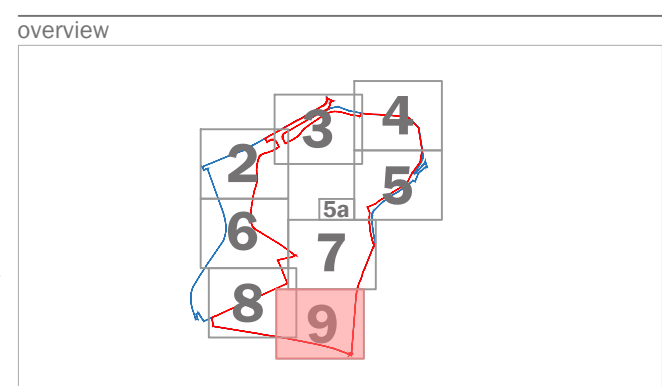
drawing title
Detailed Soft Landscape Plan

Sheet 9 of 10

date	04 DECEMBER 2024	drawn by	sRP
drawing number	edp7897_d021j	checked	CMY
scale	1:200 @ A1	QA	RBa

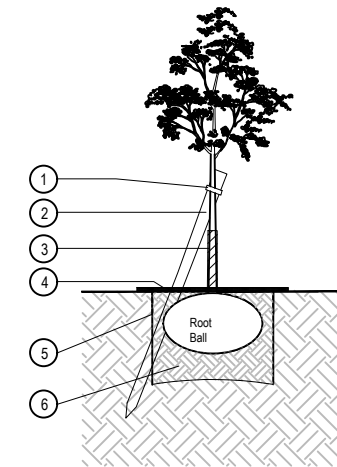
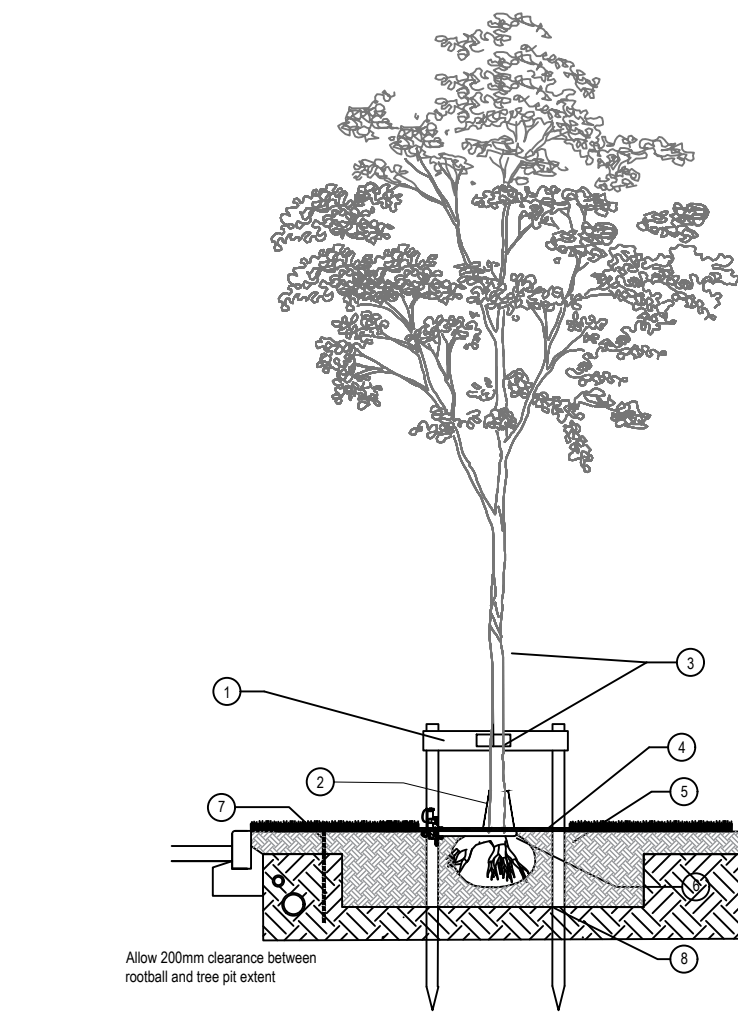


Registered office: 01285 740427 - www.edp-uk.co.uk - info@edp-uk.co.uk



A risk assessment has been carried out on this design. Residual risks following this process are listed below. A copy of the full Design Risk Register is also available on request from EDP.

- Soft landscaping implementation within a construction environment (across the site);
- Installing trees (across the site);
- Water bodies (attenuation basins and pond);
- Working within close proximity of underground services (across the site);
- Works adjacent to existing highways (across the site);
- Works near to existing PRoWs (across the site);
- Site Clearance and earthworks (across the site)
- Working at a height



Tree Pit Detail for Feathered Trees

1. Use 2x Tree Ties GLB25A with GLPFA spacer sleeve or similar to secure tree to support post.

2. 1x tanalised timber tree stake 2m, 75mm Ø driven into side of pit to provide support to the tree.

3. Clear spiral guard to be fitted to trunk to protect against animal browsing.

4. 100x100cm biodegradable mulch mat pegged down with supplied biodegradable plastic anchor pegs around the whip to prevent weed growth and retain moisture.

5. Excavate tree pit to sufficient size to accommodate tree root ball. Loosen any compaction in base of excavated pit to aid drainage. The tree should be planted at a depth where the root flare is still visible, just breaching the soil surface, following backfilling.

6. Backfill tree pit with subsoil and topsoil excavated from pit if this is regarded as of sufficient quality to promote the healthy establishment of the tree. If either the top soil or sub soil excavated from the pit is of poor quality, then soil ameliorants may be used sparingly or imported topsoil compliant with BS3882 should be used.

Immediately after planting, water the tree, saturating the tree pit to field capacity.

The notes above are intended as a basic guide only. For further guidance on tree planting refer to BS8545:2014 Section 10.

Products suggested above are available from Green Blue Urban (<http://greenblueurban.com/>).

Tree Maintenance and Management During 5 Year Establishment Period

Immediately following planting, the tree should be watered thoroughly. Following this, and with regard to prevailing weather conditions, newly planted trees should be watered regularly during periods of dry weather. If the tree pit has been specified with an irrigation pipe, this should be used as the primary method of watering. If no irrigation pipe is specified, the square metre of ground around the tree should be soaked to field capacity (refer to BS8545:2014 for further detail) by surface watering. Watering frequency is more important than quantity to prevent the root ball of the newly planted tree from drying out.

All trees are fitted with protective guards to prevent animal damage. These should be checked regularly to ensure they remain in place and are providing adequate protection against the animals in the area. If damage to trees from browsing by animals still occurs, additional measures may be required.

A formal assessment of young tree health and development should be carried out annually by a qualified arborist who will be able to advise on solutions should any problems be picked up. During this assessment, any stakes and ties should be checked to ensure they are providing support but not damaging the tree and that the tree is still firmly seated in the ground. If the tree has become loose in the ground, the soil around the base should be re-firmed and stakes and ties adjusted accordingly.

Tree stakes and ties should be removed once the tree has established a strong enough root system to support itself, likely to be 1-2 years after planting. Strimmer guards should remain in place until the end of the 5 year establishment, with adjustments or segments added as necessary to facilitate tree growth. Tree guards should only be removed if they are beginning to restrict tree growth or if it is felt the risk of damage has significantly reduced due to strong tree growth and development or changes in the surrounding environment.

Formative pruning should be carried out in accordance with BS3998 as required throughout the 5 year establishment period.

For further guidance on tree maintenance during establishment refer to BS8545:2014 Section 11.

Tree stakes and ties should be removed once the tree has established a strong enough root system to support itself, likely to be 1-2 years after planting. Strimmer guards should remain in place until the end of the five year establishment, with adjustments or segments added as necessary to facilitate tree growth. Tree guards should only be removed if they are beginning to restrict tree growth or if it is felt the risk of damage has significantly reduced due to strong tree growth and development or changes in the surrounding environment.

Formative pruning should be carried out in accordance with BS 3998 as required throughout the five year establishment period.

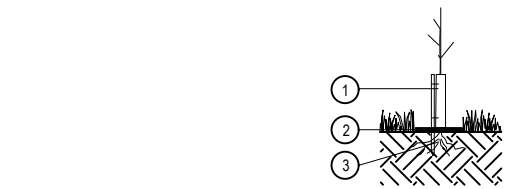
For further guidance on tree maintenance during establishment refer to BS 8545:2014 Section 11.

The mulched area around the base of the tree should be kept clear of competing vegetation and weeds at all times.

Tree stakes and ties should be removed once the tree has established a strong enough root system to support itself, likely to be 1-2 years after planting. Strimmer guards should remain in place until the end of the five year establishment, with adjustments or segments added as necessary to facilitate tree growth. Tree guards should only be removed if they are beginning to restrict tree growth or if it is felt the risk of damage has significantly reduced due to strong tree growth and development or changes in the surrounding environment.

Formative pruning should be carried out in accordance with BS 3998 as required throughout the five year establishment period.

For further guidance on tree maintenance during establishment refer to BS 8545:2014 Section 11.



Native Planting Detail with Mulch Matt

1. Clear spiral guard to be fitted to trunk to protect against animal browsing with supporting cane or stake.

2. 50x50cm biodegradable mulch mat pegged down with supplied biodegradable plastic anchor pegs around the whip to prevent weed growth and retain moisture.

3. Whip to be notch planted following clearance of any existing vegetation.

Immediately after planting, water the whip, saturating the ground around its base to field capacity.

For further general guidance on planting refer to BS 8545:2014 Section 10 and BS4428:1989 Section 9.

Products suggested above are available from Tubex (<http://www.tubex.com/>).

Whip and Hedge Planting Maintenance and Management During 5 Year Establishment Period

Immediately following planting, the whip/hedge plant should be watered thoroughly. Following this, and with regard to prevailing weather conditions, newly planted whips/hedge plants should be watered regularly during periods of dry weather. When watering, the square metre of ground around the plant should be soaked to field capacity (refer to BS8545:2014 for further detail) by surface watering. Watering frequency is more important than quantity to prevent the roots of the newly planted whip/hedge plant from drying out.

All whips/hedge plants are fitted with protective guards to prevent animal damage. These should be checked regularly to ensure they remain in place and are providing adequate protection against the animals in the area. If damage to plants from browsing by animals still occurs, additional measures may be required.

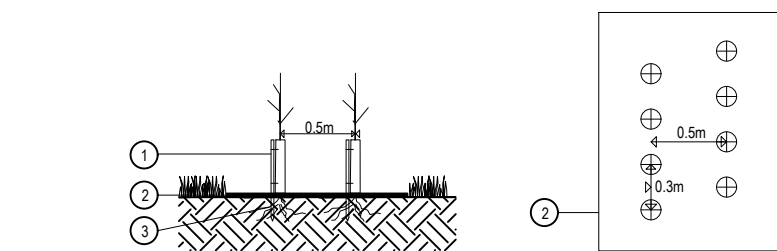
A formal assessment of areas of planting should be carried out annually by a qualified arborist who will be able to advise on solutions should any problems be picked up. During this assessment, any guards and canes/stakes should be checked to ensure they are providing protection but not damaging the developing plant and that its roots are still firmly seated in the ground. If the plant has become loose in the ground, the soil around the base should be re-firmed and guards adjusted accordingly.

The space above the mulch mat around the whip/hedge plant should be kept clear of competing vegetation and weeds at all times.

The shrub shelter/guard should be removed once the whip/hedge plant has established a strong enough root system to support itself and has begun to grow strongly clear of the top of the shelter/guard, likely to be 1-2 years after planting. Biodegradable mulch mats can remain in place indefinitely.

Formative pruning should be carried out in accordance with BS3998 as required during the first 5 years to ensure the desired form is achieved.

For further guidance on whip and tree maintenance during establishment refer to BS8545:2014 Section 11.



Native Hedgerow Planting with Mulch Matt (Double Staggered)

1. Spiral guard with supporting cane

2. 1.2m wide biodegradable weed mat roll pegged down with biodegradable pegs along line of hedgerow to prevent weed growth and retain moisture.

3. Whip to be notch planted into previously prepared topsoil 450mm depth with amelioration/fertiliser as per NBS spec.

4. Container-grown plants to be pit-planted into previously prepared topsoil 450mm depth with amelioration/fertiliser as per NBS spec.

Immediately after planting, water the whip, saturating the ground around its base to field capacity.

For further general guidance on planting refer to BS8545:2014 Section 10 and BS4428:1989 Section 9.



Native Hedgerow Planting with Ornamental Mulch (Double Staggered)

1. Spiral guard with supporting cane

2. 1.2m wide ornamental mulch 75mm deep to slow weed growth and retain moisture.

3. Whip to be notch planted into previously prepared topsoil 450mm depth with amelioration/fertiliser as per NBS spec.

4. Container-grown plants to be pit-planted into previously prepared topsoil 450mm depth with amelioration/fertiliser as per NBS spec.

Immediately after planting, water the whip, saturating the ground around its base to field capacity.

For further general guidance on planting refer to BS8545:2014 Section 10 and BS4428:1989 Section 9.

Plant Schedule

Trees - Native

Number	Common Name	Species	Girth	Height	Specification	Density
19	Common Maple	Acer campestre	14-16cm	400-450cm	RB 3x Extra Heavy Standard Clear Stem min. 200 .5 brks	Counted
47	Common Maple	Acer campestre	175-200cm	Feather 2x .5 brks .8		4.5Cr
6	Norway Maple	Acer platanoides	425-600cm	RB 3x Extra Heavy Standard Clear Stem 175-200 .4 brks		Counted
12	Norway maple	Acer platanoides	200-250cm	B 2x Feather .5 brks		Counted
9	Sycamore	Acer pseudoplatanus	14-16cm	400-450cm	3x Extra Heavy Standard clear stem minimum 200cm; 5 breaks RB	Counted
38	Common alder	Alnus glutinosa	175-200cm	Feather 2x .5 brks .8		4.5Cr
15	Common Silver Birch	Betula pendula	14-16cm	400-450cm	RB 3x Extra Heavy Standard Clear Stem 175-200 .5 brks	Counted
47	Common Silver Birch	Betula pendula	150-175cm	Feather 2x .5 brks .8		4.5Cr
8	White-barked Himalayan Birch	Betula utilis jacquemontii	200-250cm	B 2x Feather .5 brks		Counted
23	Common Hornbeam	Carpinus betulus	350-425cm	RB 3x Heavy Standard Clear Stem 175-200 .5 brks		Counted
7	Common Hornbeam	Carpinus betulus	200-250cm	B 2x Feather .5 brks		Counted
33	Common Hawthorn	Crataegus monogyna	60-80cm	BR 1+1 Transplant seed raised		1.5Cr
3	Common Hawthorn	Crataegus monogyna	12-14cm	350-425cm	3x Heavy Standard clear stem 175-200cm; 5 breaks RB	Counted
16	Common Beech	Fagus sylvatica	12-14cm	350-425cm	RB 3x Heavy Standard Clear Stem 175-200 .5 brks	Counted
6	American sweetgum	Liquidambar styraciflua	200-250cm	RB 2x Feather .5 brks		Counted
11	Common Crab Apple	Malus sylvestris	12-14cm	350-425cm	RB 3x Heavy Standard Clear Stem min. 200 .5 brks	Counted
22	Wild Cherry	Prunus avium	12-14cm	350-425cm	RB 3x Heavy Standard Clear Stem min. 200 .5 brks	Counted
38	Wild Cherry	Prunus avium	150-175cm	Feather 2x .5 brks .8		4.5Cr
11	Wild Cherry	Prunus avium	14-16cm	400-450cm	RB 3x Extra Heavy Standard Clear Stem 175-200 .5 brks	Counted
5	Bird Cherry	Prunus padus	12-14cm	350-425cm	RB 3x Heavy Standard Clear Stem min. 200 .5 brks	Counted
33	Slaw	Prunus spinosa	60-80cm	BR 1+1 Transplant seed raised		1.5Cr
7	Common Oak	Quercus robur	12-14cm	350-425cm	RB 3x Heavy Standard Clear Stem 175-200 .5 brks	Counted
4	Rowan	Sorbus aucuparia	12-14cm	350-425cm	RB 3x Heavy Standard Clear Stem min. 200 .5 brks	Counted
38	European mountain ash	Sorbus aucuparia	125-150cm	Feather 2x .3 brks .8		4.5Cr
9	Small-leaved Lime	Tilia cordata	12-14cm	350-425cm	RB 3x Heavy Standard Clear Stem 175-200 .5 brks	Counted
Total 467						

Shrubs

Number	Common Name	Species	Height	Pot Size	Specification	Density
217	Common Dogwood	Cornus sanguinea	60-80cm	BR 1+1 Transplant seed raised	Branched .3 brks	1.5Cr
313	Common Hazel	Corylus avellana	60-80cm	BR 1+2 Transplant seed raised	.3 brks	1.5Cr
420	Common Hawthorn	Crataegus monogyna	60-80cm	BR 1+1 Transplant seed raised		1.5Cr
143	Common Spindle Tree	Euroynus europaeus	60-80cm	1+1 B		1.5Cr
103	Common Holly	Ilex aquifolium	60-80cm	SL	Branched C	1.5Cr
18	Common Holly	Ilex aquifolium	40-60cm	2L	Leader With Laterals	1.5Cr
203	Common Privet	Ligustrum vulgare	60-80cm	1+1 .3 brks B		1.5Cr
221	Blackthorn	Prunus spinosa	60-80cm	BR 1+1 Transplant seed raised	Branched .2 brks	1.5Cr
127	Dog Rose	Rosa canina	60-80cm	BR 1+1 Transplant seed raised		1.5Cr
203	Common Elder	Sambucus nigra	60-80cm	1+1 .3 brks B		1.5Cr
175	Guelster Rose	Viburnum opulus	60-80cm	BR 1+2 Transplant seed raised	Branched .3 brks	1.5Cr
Total 2143						

Conifers

Number	Common Name	Species	Pot Size	Specification	Density
11	Scots Pine	Pinus sylvestris	5x	Leader & laterals Feathered to base	Counted
38	Scots Pine	Pinus sylvestris	5x	Leader & laterals Feathered to base	4.5Cr
Total 47					

Marginal / Aquatics

Number	Common Name	Species	Specification	Density
30	Mossesweet	Elephantia ulmaria	C	0.5Cr
57	Yellow flag iris	Iris pseudacorus	C	0.5Cr
57	Ragged Robin	Lychnis flos-cuculi	C	0.5Cr
30	Gypsywort	Lycopus europaeus	C	0.5Cr
57	Purple Loosestife	Lythrum salicaria	C	0.5Cr
57	Water Forget-me-not	Myosotis scorpioides	C	0.5Cr
Total 288				

Hedges

Number	Common Name	Species	Height	Specification	Density
512	Common Maple	Acer campestre	60-80cm	BR 1+1 Transplant seed raised	0.3Cr Double Staggered at 0.5m offset
512	Common Hornbeam	Carpinus betulus	60-80cm	BR 1+1 Transplant seed raised	0.3Cr Double Staggered at 0.5m offset
612	Common Hazel	Corylus avellana	60-80cm	BR 1+2 Transplant seed raised branched .3 brks	0.3Cr Double Staggered at 0.5m offset
257	Common Hawthorn	Crataegus monogyna	60-80cm	BR 1+1 Transplant seed raised	0.3Cr Double Staggered at 0.5m offset
257	Holly	Ilex aquifolium	60-80cm	Leader With Laterals	0.3Cr Double Staggered at 0.5m offset
257	Blackthorn	Prunus spinosa	60-80cm	BR 1+1 Transplant seed raised branched .2 brks	0.3Cr Double Staggered at 0.5m offset
257	Common Elder	Sambucus nigra	60-80cm	BR 1+1 Transplant seed raised branched .3 brks	0.3Cr Double Staggered at 0.5m offset
Total 2564					

This drawing is to be read in conjunction with all other drawings and specifications within the package. These drawings have been prepared for design development and costing purposes only. All dimensions in millimetres unless otherwise specified. Do not scale off this drawing, written dimensions to be taken only. All base plans used are provided by the client and architect, except where otherwise expressly agreed in writing. EDP shall have no responsibility or liability for any loss direct or consequential. This drawing must not be copied in whole or part without prior written consent from EDP.

purpose of issue **PLANNING**

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