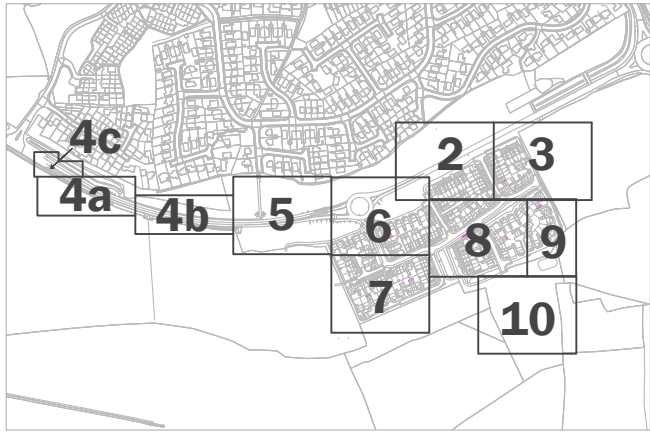
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1. Soft landscaping implementation within a construction environment (across the site);
2. Water bodies (attenuation bodies and swales);
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overview



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purpose of issue **PLANNING**

i	Additional specimen tree planting to bund	21-02-2024	NWa
h	Added tree and scrub planting to the bund in northern boundary	28-11-2023	TYC
-	Original	23-02-2022	sRP

client

Vistry Homes Limited

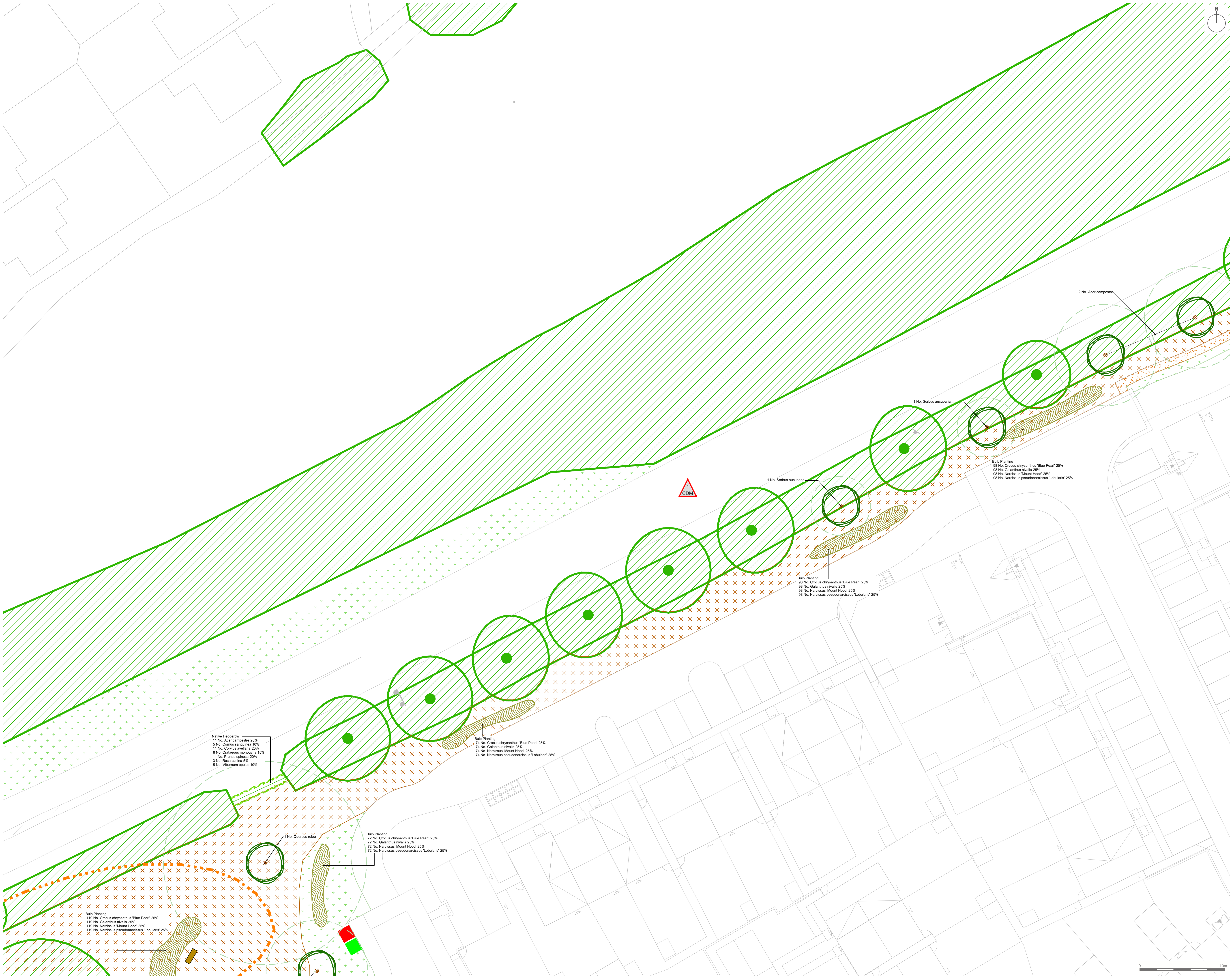
project title
Land at Leadon Way, Ledbury

drawing title
Landscape Detailed Design - Public Open Space

date **21 FEBRUARY 2024** drawn by **sJG**
drawing number **edp2828_d072i** checked **HMc**
scale **1:1,250 @ A1** QA **RBa**

 the environmental dimension partnership

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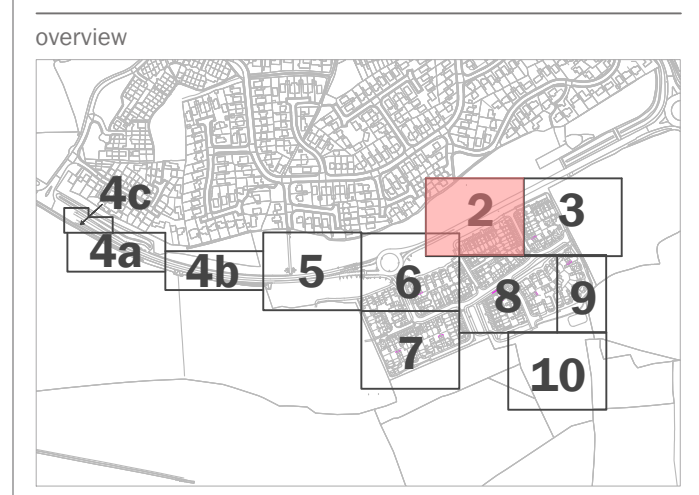


- Existing Vegetation to be Retained
Refer to the Arboricultural Report
- Existing Tree to be Retained
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- Buffer around Existing Veteran Tree
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- Proposed Tree
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- Existing understorey vegetation to be retained during construction. Once work has been completed area to be overseeded with Shade Tolerant Grass and Wildflower Seed Mix as Required.
Supplier: Emorsgate Seeds
Product: EHLF Wildflowers for Hedgerows
Refer to the Arboriculture Report edp0509_011
- Proposed Amenity Grass
Product: DLF PM120 Slowgrowth Mix
Supplier: DLF Seeds Ltd.
Sowing rate: 35-50g/m²
- Proposed Species-Rich Meadow Grass
Product: EM2 Standard General Purpose Meadow Mixture
Supplier: Emorsgate Seeds
Sowing rate: 4g/m²
- Proposed Bulb Planting
- Proposed Litter Bin
Product: Hardwood square bin with lockable side
Supplier: Woodscape
- Proposed Dog Waste Bin
Product: Hardwood square bin with lockable side
Supplier: Woodscape
- Proposed Hoggin Path
- Proposed Native Shrub Planting
Topsoil Depth: 450mm
Mulch: Jute/Hessian Mulch Mats
- Proposed Ground Cover Planting
Topsoil Depth: 450mm
Mulch: Jute/Hessian Mulch Mats

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-	Original	23-02-2022	sRP
rev	description	date	by

client

Vistry Homes Limited

project title

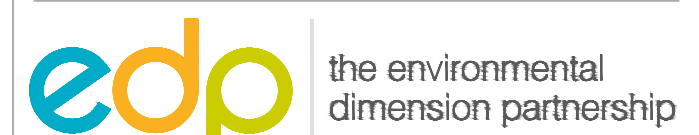
Land at Leaddon Way, Ledbury

drawing title

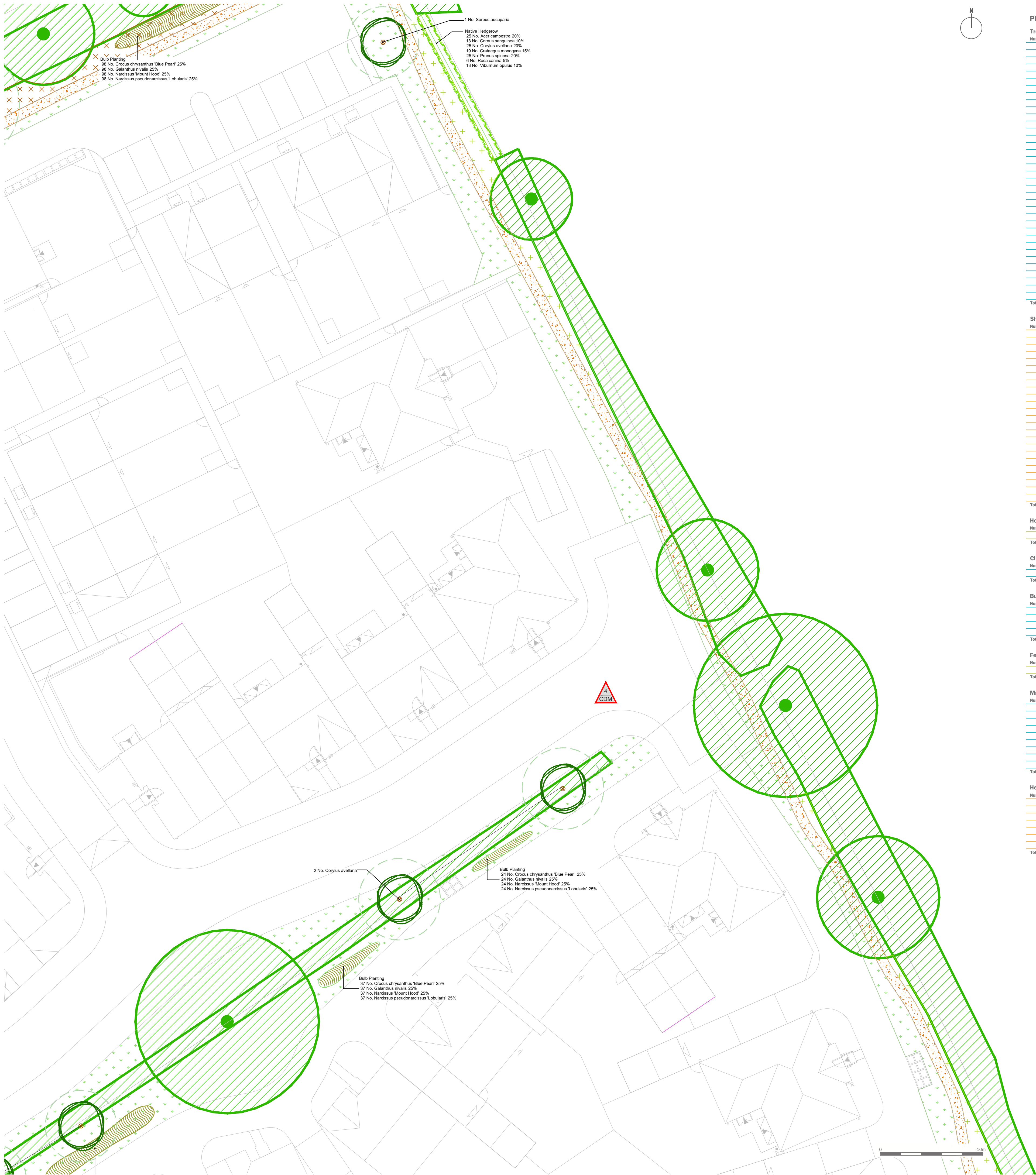
Landscape Detailed Design - Public Open Space

Sheet 2 of 10

date	21 FEBRUARY 2024	drawn by	sJG
drawing number	edp2828_d072i	checked	HMc
scale	1:200 @ A1	QA	RBa



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Plant Schedule

Trees						
Number	Common Name	Species	Girth	Height	Specification	Density
17	Common Maple	Acer campestre		175-200cm	Feather 2x 5 brks B	4.5Ctr
20	Common Maple	Acer campestre	12-14cm	350-425cm	RB 3x Heavy Standard Clear Stem min. 200 5 brks	Counted
93	Common Maple	Acer campestre	60-80cm	BR 1+1 Transplant - seed raised		1.5Ctr
6	Norway Maple	Acer platanoides	12-14cm	350-425cm	RB 3x Heavy Standard Clear Stem 175-200 4 brks	Counted
1	Norway Maple 'Crimson King'	Acer platanoides 'Crimson King'	12-14cm	350-425cm	RB 3x Heavy Standard Clear Stem 175-200 4 brks	Counted
4	Red Maple	Acer rubrum	12-14cm	350-425cm	RB 3x Heavy Standard Clear Stem min. 200 5 brks	Counted
17	Common alder	Alnus glutinosa		175-200cm	Feather 2x 5 brks B	4.5Ctr
5	Common Silver Birch	Betula pendula	12-14cm	350-425cm	RB 3x Heavy Standard Clear Stem 175-200 5 brks	Counted
17	Common Silver Birch	Betula pendula		150-175cm	Feather 2x 5 brks B	4.5Ctr
3	White-barked Himalayan Birch	Betula utilis jacquemontii		300-350cm	RB 3x Multi-stem Bushy 3 Shems	Counted
5	Common Hornbeam	Carpinus betulus	14-16cm	400-450cm	RB 3x Extra Heavy Standard Clear Stem 175-200 5 brks RB	Counted
1	Sweet Chestnut	Castanea sativa	14-16cm	400-450cm	RB 3x Extra Heavy Standard Clear Stem 175-200 5 brks	Counted
93	Common Hawthorn	Crataegus monogyna	60-80cm	BR 1+1 Transplant - seed raised		1.5Ctr
31	Common Spindle Tree	Euroyrmus europaeus	60-80cm	BR 1+2 Transplant - seed raised Branched 5 brks		1.5Ctr
2	Common Beech	Fagus sylvatica	14-16cm	400-450cm	RB 3x Extra Heavy Standard Clear Stem 175-200 5 brks	Counted
1		Junglers regia Broadleaf		125-150cm	BR 2 Whip	Counted
2	Tulip Tree	Liriodendron tulipifera	16-18cm	400-450cm	RB 3x Extra Heavy Standard Clear Stem min. 200	Counted
1	Malus domestica 'Bramley's Seedling'	Malus domestica 'Bramley's Seedling'	200-250cm	BR 2x Feathered M25 rootstock 5 brks		Counted
1	Malus domestica 'Cox's Orange Pippin'	Malus domestica 'Cox's Orange Pippin'	175-200cm	BR Half Standard M25 rootstock Clear stem 100-125cm 3 brks		Counted
1	Malus domestica 'Discovery'	Malus domestica 'Discovery'	175-200cm	BR Half Standard M25 rootstock Clear stem 100-125cm 3 brks		Counted
2	Malus domestica 'Spartan'	Malus domestica 'Spartan'	175-200cm	BR Half Standard M25 rootstock Clear stem 100-125cm 3 brks		Counted
1	Worcester Pearmain	Malus domestica 'Worcester Pearmain'	175-200cm	BR Half Standard M25 rootstock Clear stem 100-125cm 3 brks		Counted
62	Common Crab Apple	Malus sylvestris	60-80cm	BR 1+1 Transplant - seed raised		1.5Ctr
3	Wild Cherry	Prunus avium	12-14cm	350-425cm	RB 3x Heavy Standard Clear Stem 175-200 5 brks	Counted
17	Wild Cherry	Prunus avium		150-175cm	Feather 2x 5 brks B	4.5Ctr
1	Prunus domestica 'Green Gage'	Prunus domestica 'Green Gage'	175-200cm	BR Half Standard St Julien A rootstock Clear stem 100-125cm 3 brks		Counted
2	Prunus domestica 'Victoria'	Prunus domestica 'Victoria'	175-200cm	BR Half Standard Myrobalan B rootstock Clear stem 100-125cm 3 brks		Counted
2	Bird Cherry	Prunus padus	12-14cm	350-425cm	RB 3x Heavy Standard Clear Stem 175-200 5 brks	Counted
1		Pyrus communis 'Conference'		175-200cm	BR Half Standard Pyrus communis rootstock Clear stem 100-125cm 3 brks	Counted
1		Pyrus communis 'Doyenne de Commerce'		175-200cm	Pyrus communis rootstock Clear stem 100-125cm 3 brks	Counted
1	Holm Oak	Quercus ilex	16-18cm	450-625cm	C Extra Heavy Standard Clear Stem 175-200	Counted
62	Common Oak	Quercus robur	60-80cm	BR 1+2 Transplant - seed raised		1.5Ctr
7	Common Oak	Quercus robur	16-18cm	400-450cm	RB 3x Extra Heavy Standard Clear Stem min. 200 7 brks	Counted
1	Red Oak	Quercus rubra	16-18cm	400-450cm	RB 3x Extra Heavy Standard Clear Stem min. 200 7 brks	Counted
21	European mountain ash	Sorbus aucuparia	12-14cm	350-425cm	RB 3x Heavy Standard Clear Stem 175-200 5 brks	Counted
17	European mountain ash	Sorbus aucuparia		125-150cm	Feather 2x 3 brks B	4.5Ctr

Total :522

Shrubs						
Number	Common Name	Species	Height	Pot Size	Specification	Density
2	Field Maple	Acer campestre	60-80cm		BR 1+1 Transplant - seed raised	1.5Ctr
32	Common Dogwood	Cornus sanguinea	60-80cm		BR 1+1 Transplant - seed raised Branched 3 brks	1.5Ctr
78	Common Dogwood	Cornus sanguinea	60-80cm		Branched 1+1 BR	1.5Ctr
48	Yellow-stemmed Dogwood	Cornus stolonifera 'Flowermar'	60-80cm		BR 0/1 Cutting 3 brks	0.5Ctr
46	Red Osier Dogwood 'Kelsey'	Cornus stolonifera 'Kelsey'	30-40cm	2L	C Several shoots 4 brks	0.5Ctr
64	Common Hazel	Corylus avellana	60-80cm		BR 1+2 Transplant - seed raised Branched 3 brks	1.5Ctr
2	Common Hazel	Corylus avellana	150-175cm		RB Bushy 3/5 brks	Counted
114	Common Hazel	Corylus avellana	60-80cm		Branched 1+1 BR	1.5Ctr
1	Common Hawthorn	Crataegus monogyna	60-80cm		BR 1+2 Transplant - seed raised	1.5Ctr
152	Common Hawthorn	Crataegus monogyna	60-80cm		1+1 B	1.5Ctr
53	Common Spindle Tree	Euroyrmus europaeus	60-80cm		1+1 B	1.5Ctr
62	Common Holly	Ilex aquifolium	40-60cm	2L	Leader With Laterals	1.5Ctr
38	Common Holly	Ilex aquifolium	60-80cm		BR 1+2 Transplant - seed raised	1.5Ctr
23	Common Privet	Ligustrum vulgare	60-80cm		BR 0/2 Cutting Branched 3 brks	0.5Ctr
76	Common Privet	Ligustrum vulgare	60-80cm		1+1 3 brks B	1.5Ctr
31	Blackthorn	Prunus spinosa	60-80cm		BR 1+1 Transplant - seed raised Branched 2 brks	1.5Ctr
2	Blackthorn	Prunus spinosa	60-80cm		BR 1+2 Transplant - seed raised Branched 2 brks	1.5Ctr
76	Blackthorn	Prunus spinosa	60-80cm		1+2 B	1.5Ctr
38	Dog Rose	Rosa canina	60-80cm		1+1 3 brks B	1.5Ctr
1940	Rubus 'Betty Ashburner'	Rubus 'Betty Ashburner'		2L	Branched 3 brks C	0.4Ctr
76	Common Elder	Sambucus nigra	60-80cm		1+1 3 brks B	1.5Ctr
31	Wayfaring Tree	Viburnum lantana	60-80cm		BR 1+2 Transplant - seed raised Branched 3 brks	1.5Ctr
63	Guelder Rose	Viburnum opulus	60-80cm		BR 1+2 Transplant - seed raised Branched 3 brks	1.5Ctr
61	Guelder Rose	Viburnum opulus	60-80cm		1+2 3 brks B	1.5Ctr

Total :3105

Herbaceous

Number	Common Name	Species	Height	Pot Size	Specification	Density
591	Snowy Wood Rush	Luzula nivea	2L	Full Pot	0.4Ctr	

Total :591

Climbers

Number	Common Name	Species	Pot Size	Specification	Density
591	Ivy 'Green Ripple'	Hedera helix 'Green Ripple'	2L	Several Shoots 5 brks	0.4Ctr

Total :591

Bulbs

Number	Common Name	Species	Bulb Size	Specification	Density
1454	Red Oak	Crocus chrysanthus 'Blue Pearl'		Grade 5B	20m²
1454		Galanthus nivalis		Grade 4/5	20m²
1454		Narcissus 'Mount Hood'		Grade 12/14	20m²
1454		Narcissus pseudonarcissus 'Lobularis'		Grade 12/14	20m²

Total :5936

Ferns

Number	Common Name	Species	Pot Size	Specification	Density
591	Soft Shield Fern	Polystichum setiferum	2L	Full Pot	0.4Ctr

Total :591

Marginal / Aquatics

Number	Common Name	Species	Specification	Density
25	Fox's Watercress	Apium nodiflorum	Full pot Sept to April planting British native origin	3/m²
25	Lesser Pond Sedge	Carex acutiformis	Full pot Sept to April planting British native origin	3/m²
17	Common Spike Rush	Eleocharis palustris	Full pot June to Sept planting British native origin	3/m²
25	Meadowsweet	Filipendula ulmaria	Full pot Sept to April planting British native origin	3/m²
8	Japanese Water Iris	Iris ensata	Full pot	3/m²
8	Smooth Iris	Iris laevigata	Full pot	3/m²
36	Yellow Flag Iris	Iris pseudacorus	Full pot Sept to April planting British native origin	3/m²
8	Variiegated Yellow Flag Iris	Iris pseudacorus 'Variegata'	Full pot	3/m²
17	Water Mint	Monarda aquatica	Full pot Sept to April planting British native origin	3/m²

Total :169

Hedges

Number	Common Name	Species	Height	Specification	Density
183	Field Maple	Acer campestre	60-80cm	BR 1+1 Transplant - seed raised	0.25Ctr Double Staggered at 0.3m offset
92	Common Dogwood	Cornus sanguinea	60-80cm	BR 1+1 Transplant - seed raised Branched 3 brks	0.25Ctr Double Staggered at 0.3m offset
183	Common Hazel	Corylus avellana	60-80cm	BR 1+2 Transplant - seed raised Branched 3 brks	0.25Ctr Double Staggered at 0.3m offset
138	Common Hawthorn	Crataegus monogyna	60-80cm	BR 1+2 Transplant - seed raised	0.25Ctr Double Staggered at 0.3m offset
183	Blackthorn	Prunus spinosa	60-80cm	BR 1+2 Transplant - seed raised Branched 2 brks	0.25Ctr Double Staggered at 0.3m offset
46	Dog Rose	Rosa canina	60-80cm	BR 1+1 Transplant - seed raised Branched 3 brks	0.25Ctr Double Staggered at 0.3m offset
92	Guelder Rose	Viburnum opulus	60-80cm	BR 1+2 Transplant - seed raised Branched 3 brks	0.25Ctr Double Staggered at 0.3m offset

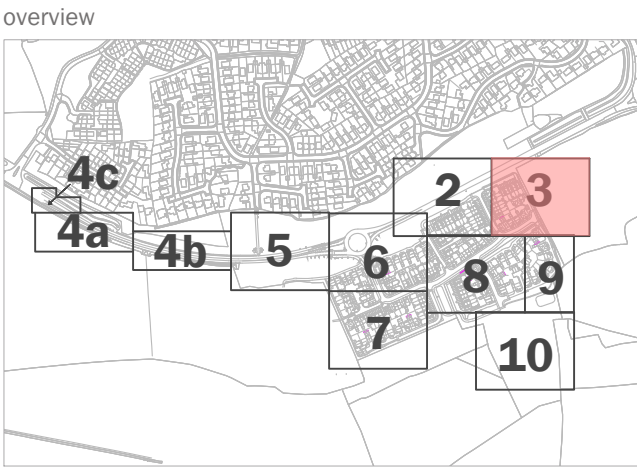
Total :917

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Refer to the Arboricultural Report
- Existing Tree to be Retained
Refer to the Arboricultural Report
- Buffer around Existing Veteran Tree
Refer to the Arboricultural Report
- Proposed Tree
Mature Canopy Illustrated
- Existing understorey vegetation to be retained during construction. Once work has been completed area to be overseeded with Shade Tolerant Grass and Wildflower Seed Mix as Required.
Supplier: Evergreen Seeds
Product: E1F1 Wildflowers for Hedges
Refer to the Arboriculture Report edp509_r011
- Proposed Amenity Grass
Product: DLF PM20 Slowgrowth Mix
Supplier: DLF Seeds Ltd
Sowing rate: 35-50g/m²
- Proposed Bulb Planting
- Proposed Hoggin Path

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purpose of issue **PLANNING**

i Additional specimen tree planting to bund 21-02-2024 NWa
h Added tree and scrub planting to the bund 28-11-2023 TYC
in northern boundary

client Original 23-02-2022 sRP
Vistry Homes Limited [date] by

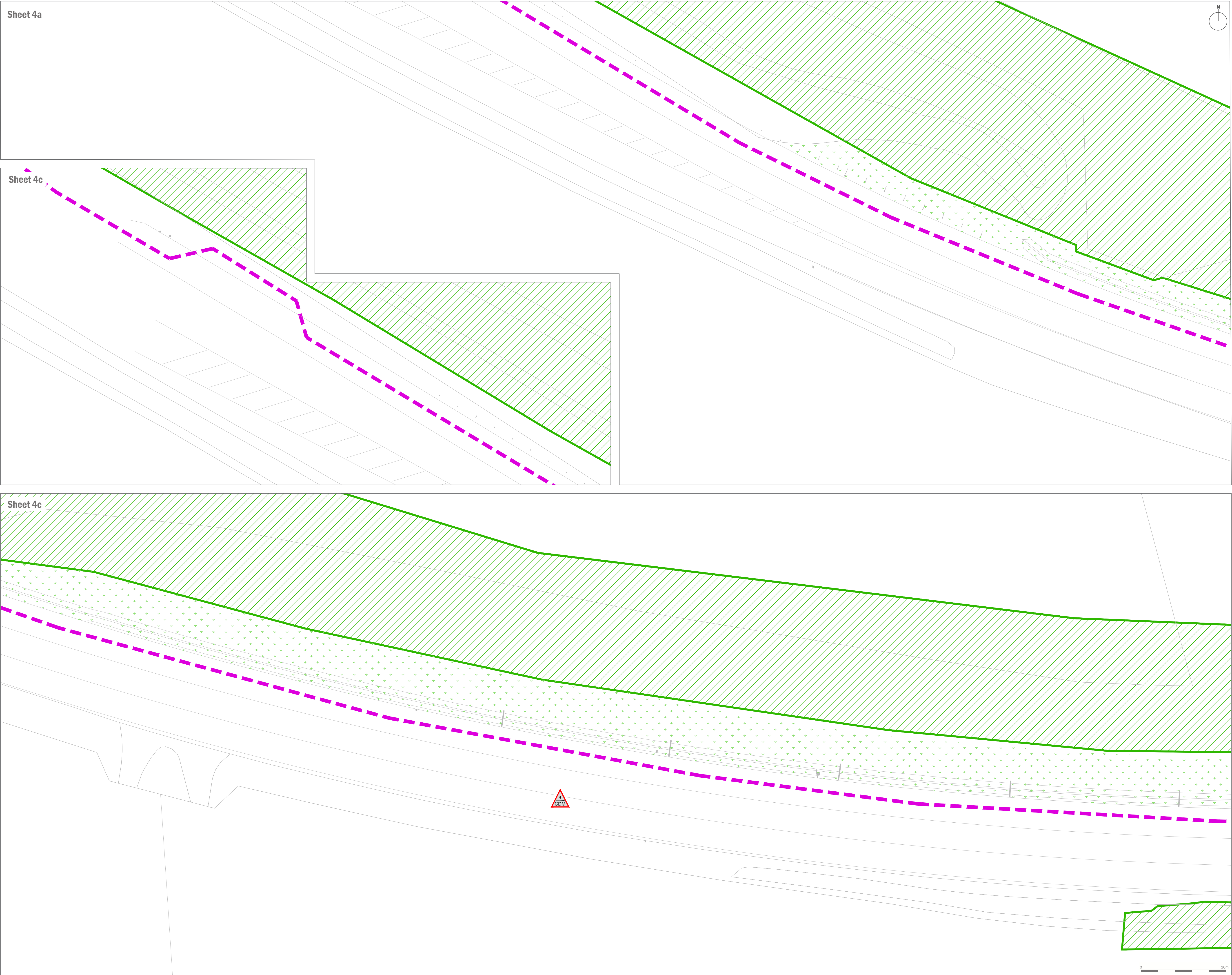
project title
Land at Leaddon Way, Ledbury

drawing title
Landscape Detailed Design - Public Open Space **Sheet 3 of 10**

date **21 FEBRUARY 2024** drawn by **sJG**
drawing number **edp2828_d072i** checked **HMo**
scale **1:200 @ A1** QA **RBa**

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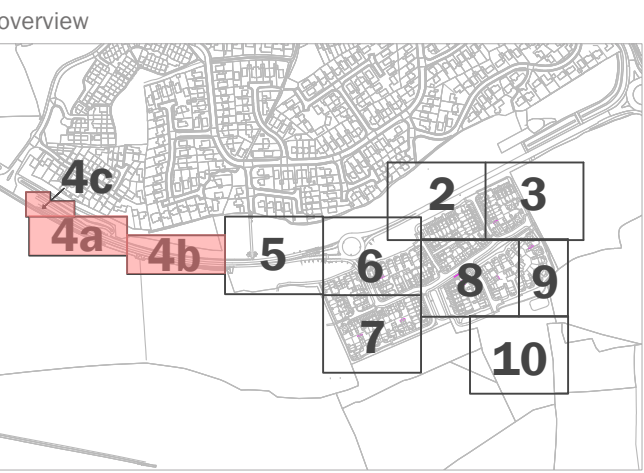


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- Existing Tree to be Retained
Refer to the Arboricultural Report
- Pedestrian/Cycle Connections to
Adjoining Residential Areas

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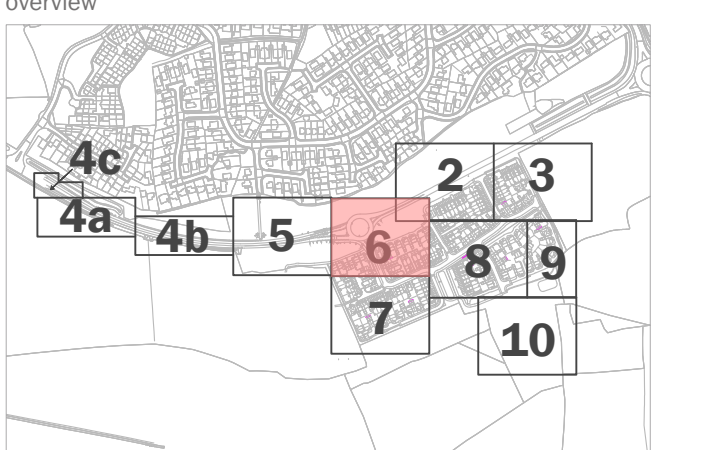


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- Proposed Hedge
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Supplier: DLF Seeds Ltd.
Sowing rate: 35-50g/m²
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Supplier: Woodscape
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Product: Hardwood square bin with lockable side
Supplier: Woodscape
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Mulch: Jute/Hessian Mulch Mats
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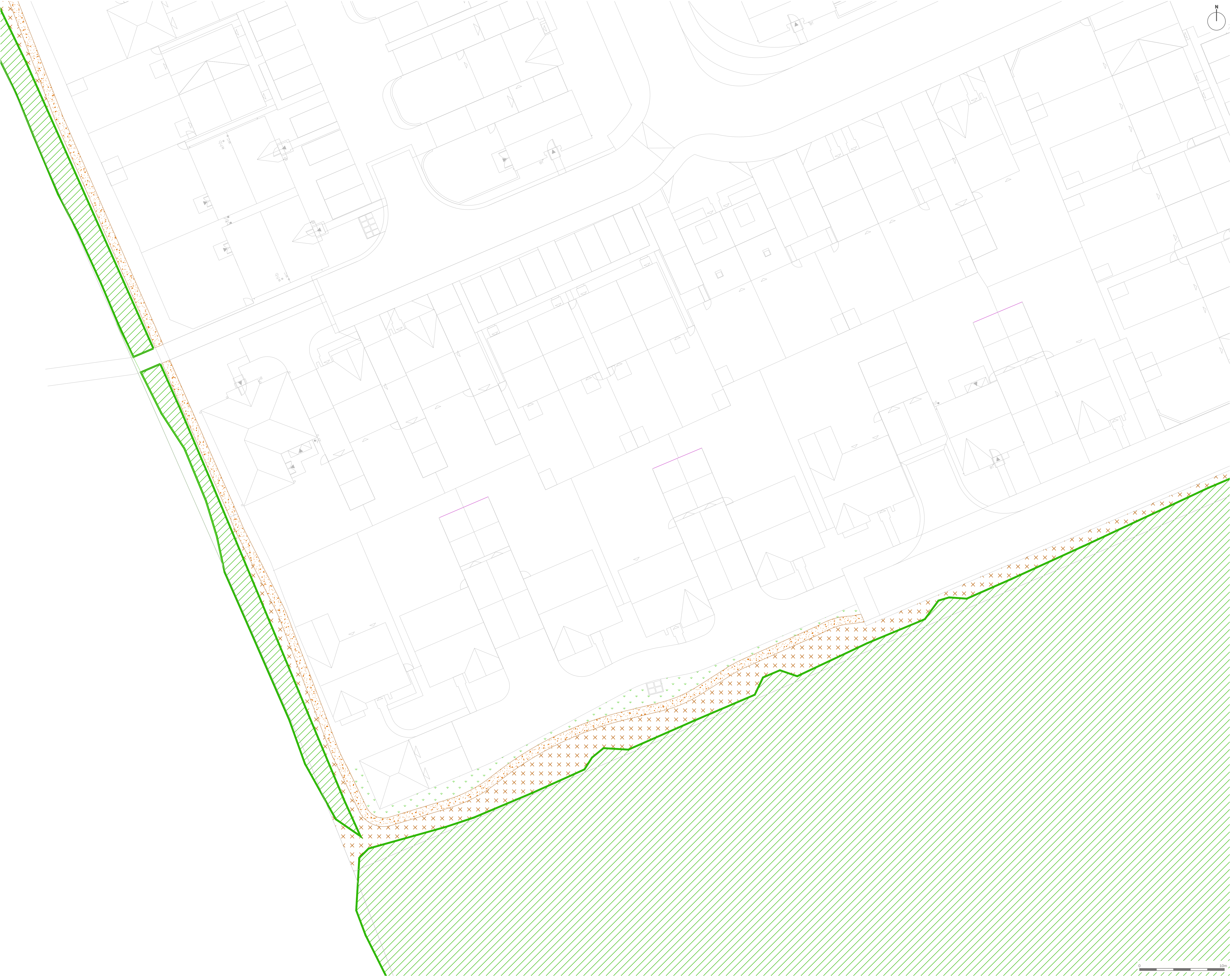
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Existing Vegetation to be Retained
Refer to the Arboricultural Report



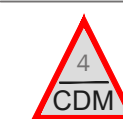
Existing Tree to be Retained
Refer to the Arboricultural Report



Existing understory vegetation to be retained during construction. Once work has been completed area to be overseeded with Shade Tolerant Grass and Wildflower Seed Mix as Required.
Supplier: Emergence Seeds
Product: S24F Wildflowers for Hedgerows
Refer to the Arboriculture Report edp6505_0111



Proposed Amenity Grass
Product: DLF PM120 Slowgrowth Mix
Supplier: DLF Seeds Ltd.
Sowing rate: 35.50g/m²



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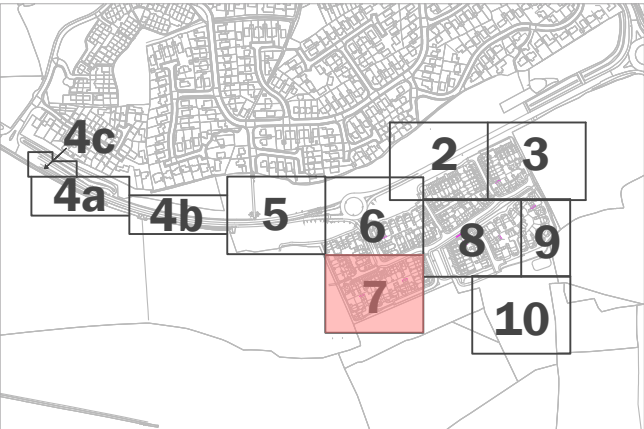
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client

Vistry Homes Limited

project title

Land at Leaddon Way, Ledbury

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Landscape Detailed Design - Public Open Space

Sheet 7 of 10

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scale	1:200 @ A1	QA	RBa



the environmental dimension partnership

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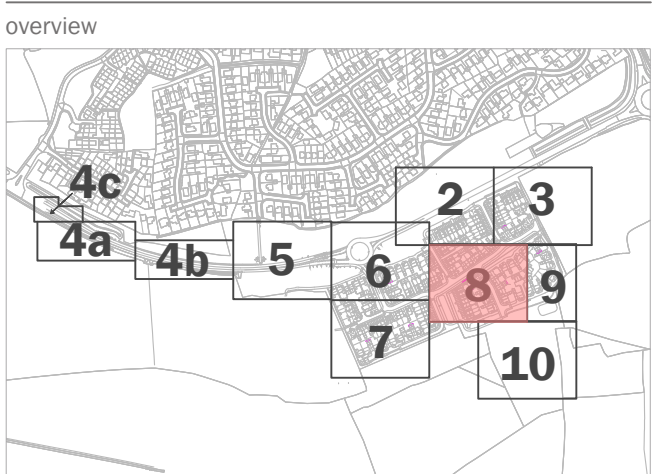


- Existing Vegetation to be Retained
Refer to the Arboricultural Report
- Existing Tree to be Retained
Refer to the Arboricultural Report
- Proposed Tree
Mature Canopy Illustrated
- Proposed Hedge
- Existing understorey vegetation to be retained during construction. Once work has been completed area to be overseeded with Shade Tolerant Grass and Wildflower Seed Mix as Required.
Supplier: Emorsgate Seeds
Product: E1/LF Wildflowers for Hedgerows
Refer to the Arboriculture Report edp6508_001
- Proposed Amenity Grass
Product: DLF PM120 Slowgrowth Mix
Supplier: DLF Seeds Ltd.
Sowing rate: 35-50g/m²
- Proposed Species-Rich Meadow Grass
Product: EM2 Standard General Purpose Meadow Mixture
Supplier: Emorsgate Seeds
Sowing rate: 4g/m²
- Proposed Mown Grass Path
- Proposed Hoggin Path
- Proposed Seats
Solid timber style with a backrest, to be root fixed.
Product: Chestnut Seat for 3 people CH55
- Proposed Litter Bin
Product: Hardwood square bin with lockable side
Supplier: Woodscape
- Proposed Dog Waste Bin
Product: Hardwood square bin with lockable side
Supplier: Woodscape

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);
- Water bodies (attenuation bodies and swales);
- Working within close proximity of underground services (across the site);
- Works adjacent to existing or proposed highways

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



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purpose of issue **PLANNING**

I	Additional specimen tree planting to bund	21-02-2024	NWa
h	Added tree and scrub planting to the bund in northern boundary	28-11-2023	TYC
-	Original	23-02-2022	sRP
rev	description	date	by

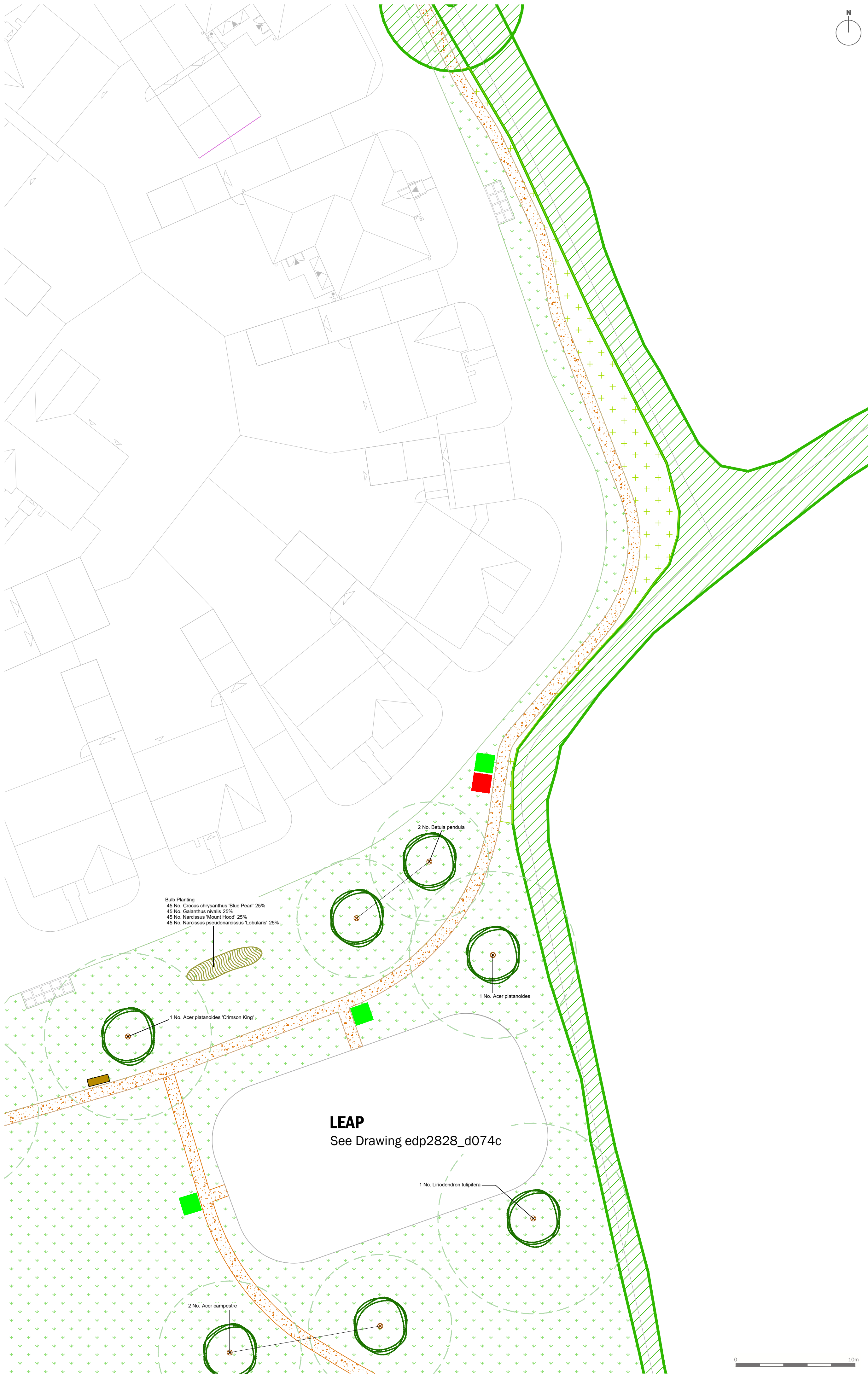
client
Vistry Homes Limited

project title
Land at Leaden Way, Ledbury

drawing title
Landscape Detailed Design - Public Open Space

Sheet 8 of 10

date	21 FEBRUARY 2024	drawn by	sJG
drawing number	edp2828_d072i	checked	HMc
scale	1:200 @ A1	QA	RBa



Tree Pit Detail - Large Container-Grown and Rootball Trees

1. **RootRain Metro** irrigation system or similar. Place around top of root area and nail to supporting stake, ensuring filler cap finishes slightly above mulch level.
2. **ReRoot** root barrier or similar with root deflecting ribs installed between tree root area and hard surfaces/services where there is a risk of root damage as the tree grows outward. As a general rule, root barriers should be installed in locations where hard surfaces and/or services are located within four metres of the tree stem. Install closer to the paving/service than the tree, to allow space for the tree roots to grow into the space available, with the ribs facing the tree. Note this may mean not placing the barrier within the tree pit, but further away within its own trench. Root barriers must extend a minimum of 2m lengthways beyond the expected canopy of the mature tree. The top of the root barrier should be set as close to the soil surface as possible without being visible.
3. 75mm deep bark mulch layer to be spread evenly over a circular area 1000mm Ø around the tree to prevent weed growth and retain moisture. Alternatively, a suitable mulch mat can be used covering the same area.
4. Excavate tree pit to sufficient size to accommodate tree root area. 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.
5. 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.
6. **Plati-Mat Rootball Fixing System** or similar anchor system fitted in accordance with suppliers recommendations.
7. Tubex Treeguard Mesh Roll or similar approved. 12mm mesh roll cut to size and bent in circle 320mm Ø and tied to tree stake to protect tree from damage by people and animals. Bottom of mesh should be 300mm above ground level to allow strimmer guard to be fitted and prevent litter and grass/weeds building up around the base of the tree. Top of mesh should be below the first lateral branch.
8. **Strimmer guard** by Arbortech or similar to be fitted around base of tree to protect from damage by grass maintenance machinery, primarily but also to provide an additional layer of defense against animal browsing.

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 BS 8545:2014 Section 10.

Products suggested in italics above are available from Green Blue Urban (<http://greenblueurban.com/>), Tubex (www.tubex.co.uk), Arbortech (www.arbortech.co.uk) and Platipus Earth Anchoring Systems (<http://www.platipus-anchors.com/applications/tree-and-irrigation/rootball-fixing-system-plati-mat/>).

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 BS 8545:2014 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.

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 BS3998 as required throughout the five year establishment period.

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

Tree Pit Detail

1. 2x tanalised timber tree stakes 2m, 75mm Ø driven into backfilled pit to provide support to the tree.
2. **RootRain Metro** irrigation system or similar approved. Place around top of root ball and nail to supporting stake, ensuring filler cap finishes slightly above mulch level.
3. **ReRoot** root barrier or similar approved with root deflecting ribs installed between tree root ball and hard surfaces/services where there is a risk of root damage as the tree grows outward. As a general rule, root barriers should be installed in locations where hard surfaces and/or services are located within four metres of the tree stem. Install closer to the paving/service than the tree, to allow space for the tree roots to grow into the space available, with the ribs facing the tree. Note this may mean not placing the barrier within the tree pit, but further away within its own trench. Root barriers must extend a minimum of 2m lengthways beyond the expected canopy of the mature tree. The top of the root barrier should be set as close to the soil surface as possible without being visible.
4. Tubex Treeguard Mesh Roll or similar approved. 12mm mesh roll cut to size and bent in circle 320mm Ø and tied to tree stake to protect tree from damage by people and animals. Bottom of mesh should be 300mm above ground level to allow strimmer guard to be fitted and prevent litter and grass/weeds building up around the base of the tree. Top of mesh should be below the first lateral branch.
5. Use 2x Tree Tie **GLB25A** with **GLPPA** spacer sleeve or similar approved to secure tree to support post.
6. 75mm deep bark mulch layer to be spread evenly over a circular area 1000mm Ø around the tree to prevent weed growth and retain moisture. Alternatively a suitable mulch mat can be used covering the same area.
7. 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.
8. 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 off 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.

For further guidance on tree planting refer to BS 8545:2014 Section 10.

Products suggested in italics above are available from Green Blue Urban (<http://greenblueurban.com/>) and Arbortech (www.arbortech.co.uk).

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 BS 8545:2014 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.

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 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 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 Hedgerow Planting Detail

1. Tubex shrub shelter with supporting cane or stake or similar approved.
2. 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 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 BS8545:2014 Section 10 and BS4428:1989 Section 9.

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

Whip Planting Detail

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

Whip Maintenance and Management During 5 Year Establishment Period

Immediately following planting, the whip should be watered thoroughly. Following this, and with regard to prevailing weather conditions, newly planted whips should be watered regularly during periods of dry weather. When watering the square meter of ground around the whip should be soaked to field capacity (refer to BS 8545:2014 for further detail) by surface watering. Watering frequency is more important than quantity to prevent the roots of the newly planted whip from drying out.

All whips 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 areas of whip 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 whip and that its roots are still firmly seated in the ground. If the whip 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 should be kept clear of competing vegetation and weeds at all times.

The shrub shelter/guard should be removed once the whip 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.

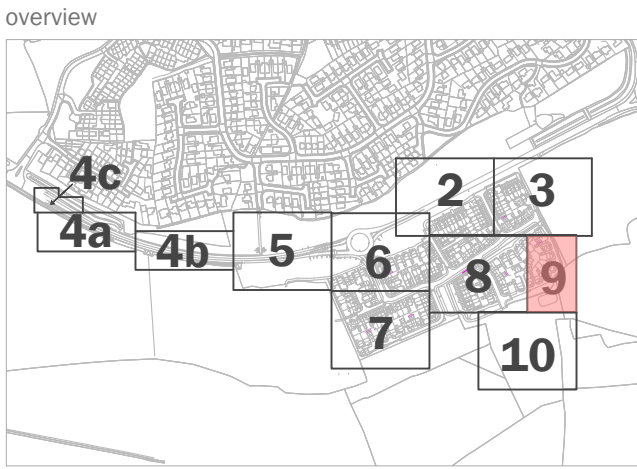
For further guidance on whip and tree maintenance during establishment refer to BS8545:2014 Section 11.

- Existing Vegetation to be Retained
Refer to the Arboricultural Report
- Existing Tree to be Retained
Refer to the Arboricultural Report
- Proposed Tree
Mature Canopy Illustrated
- Proposed Hedge
- Proposed Amenity Grass
Product: DLF PM120 Slowgrowth Mix
Supplier: DLF Seeds Ltd.
Sowing rate: 35-50g/m²
- Proposed Species-Rich Meadow Grass
Product: EM2 Standard General Purpose Meadow Mixture
Supplier: Emorsgate Seeds
Sowing rate: 4g/m²
- Proposed Bulb Planting
- Proposed Mown Grass Path
- Proposed Hoggin Path
- Proposed Seats
Solid timber style with a backrest, to be root fixed.
Product: Chestnut Seat for 3 people CH65
- Proposed Litter Bin
Product: Hardwood square bin with lockable side
Supplier: Woodscape
- Proposed Dog Waste Bin
Product: Hardwood square bin with lockable side
Supplier: Woodscape
- Proposed Ecological Log Pile
See Ecological Management Plan

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.

1. Soft landscaping implementation within a construction environment (across the site);
2. Water bodies (attenuation bodies and swales);
3. Working within close proximity of underground services (across the site);
4. Works adjacent to existing or proposed highways

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



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purpose of issue PLANNING

I	Added specimen tree planting to bund	21-02-2024	NWa
h	Added tree and scrub planting to the bund	28-11-2023	TYC
-	Original	23-02-2022	sRP
rev	description	date	by

client
Vistry Homes Limited

project title
Land at Leaddon Way, Ledbury

drawing title
Landscape Detailed Design - Public Open Space
date **21 FEBRUARY 2024**
drawing number **edp2828_d072i**
scale **1:200 @ A1**
drawn by **sJG**
checked **HMc**
QA **RBa**

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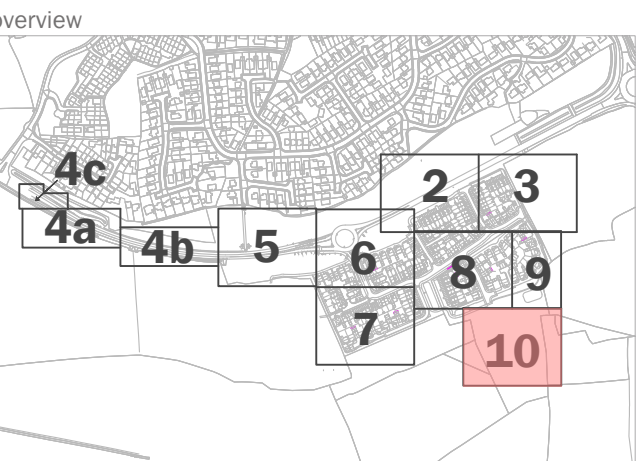


- Existing Vegetation to be Retained
Refer to the Arbicultural Report
- Existing Tree to be Retained
Refer to the Arbicultural Report
- Proposed Tree
Mature Canopy Illustrated
- Proposed Hedge
- Proposed Amenity Grass
Product: DLF PM120 Slowgrowth Mix
Supplier: DLF Seeds Ltd.
Sowing rate: 35-50g/m²
- Proposed Species-Rich Meadow Grass
Product: ENE Standard General Purpose Meadow Mixture
Supplier: Emorsgate Seeds
Sowing rate: 4g/m²
- Proposed Bulb Planting
- Proposed Native Structure Planting
- Proposed Mown Grass Path
- Proposed Hoggin Path
- Proposed Seats
Solid timber style with a backrest, to be root fixed.
Product: Chestnut Seat for 3 people CHS6
- Proposed Picnic Benches
Solid timber style, to be root fixed.
Product: Chestnut table and 4 person bench
- Proposed Litter Bin
Product: Hardwood square bin with lockable side
Supplier: Woodscape
- Proposed Ecological Log Pile
See Ecological Management Plan
- Proposed Ecological Composting Site
For composting of arisings from vegetation management
See Ecological Management Plan

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.

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h	in northern boundary		
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Sheet 10 of 10

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