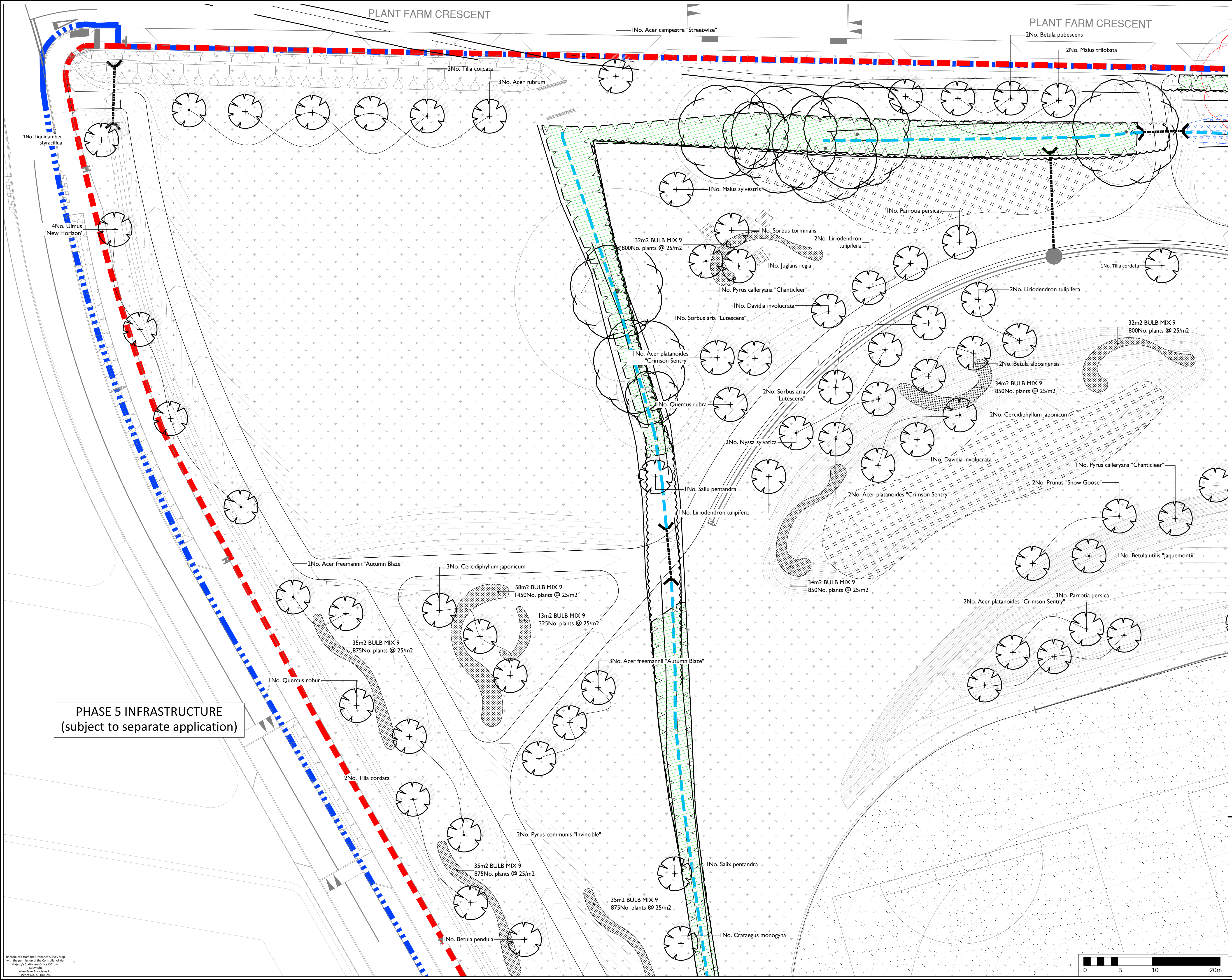




PHASE 5 INFRASTRUCTURE
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North

LEGEND

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- Town Park Phase B Application Boundary
- Cricket Pavilion and car park Application Boundary
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KEY PLAN (NTS):

P1	Issued for Planning	22/10/20	LM	LM
A	Draft issued for discussion	06/10/20	LM	LM
Rev	Description	Date	Drawn	Checked

Drawing Status
PLANNING

Allen Pyke
The Factory, 2 Acre Road,
Kingston upon Thames, Surrey KT2 6EF
T 020 8549 3434
www.allenpyke.co.uk
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Project
Town Park Phase B
Berewood, Waterlooville

By/Chk
LM/CR

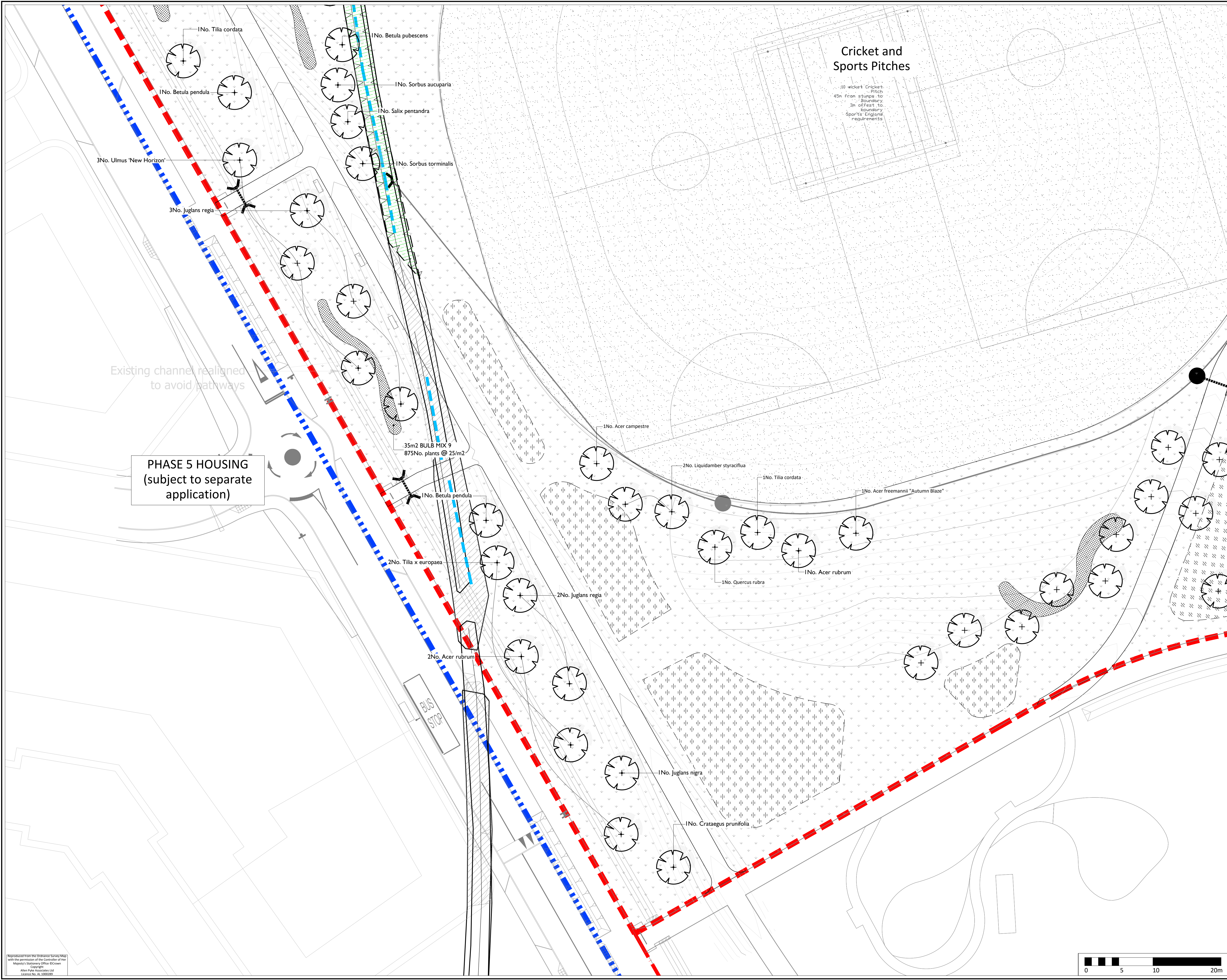
Drawing Title
Detailed Planting Plans
Sheet 1 of 9

Date
10/03/20

Drawing Number
2715-TP-PP-01

Revision
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KEY PLAN (NTS):

PP-08

PP-07

PP-03

PP-06

PP-01

PP-02

PP-04

PP-05

P1	Issued for planning	22/10/20	LM	LM
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Drawing Status
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The Factory, 2 Acre Road,
Kingston upon Thames, Surrey KT2 6EF
T 020 8549 1434
www.allenpyke.co.uk
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Berewood, Waterloooville

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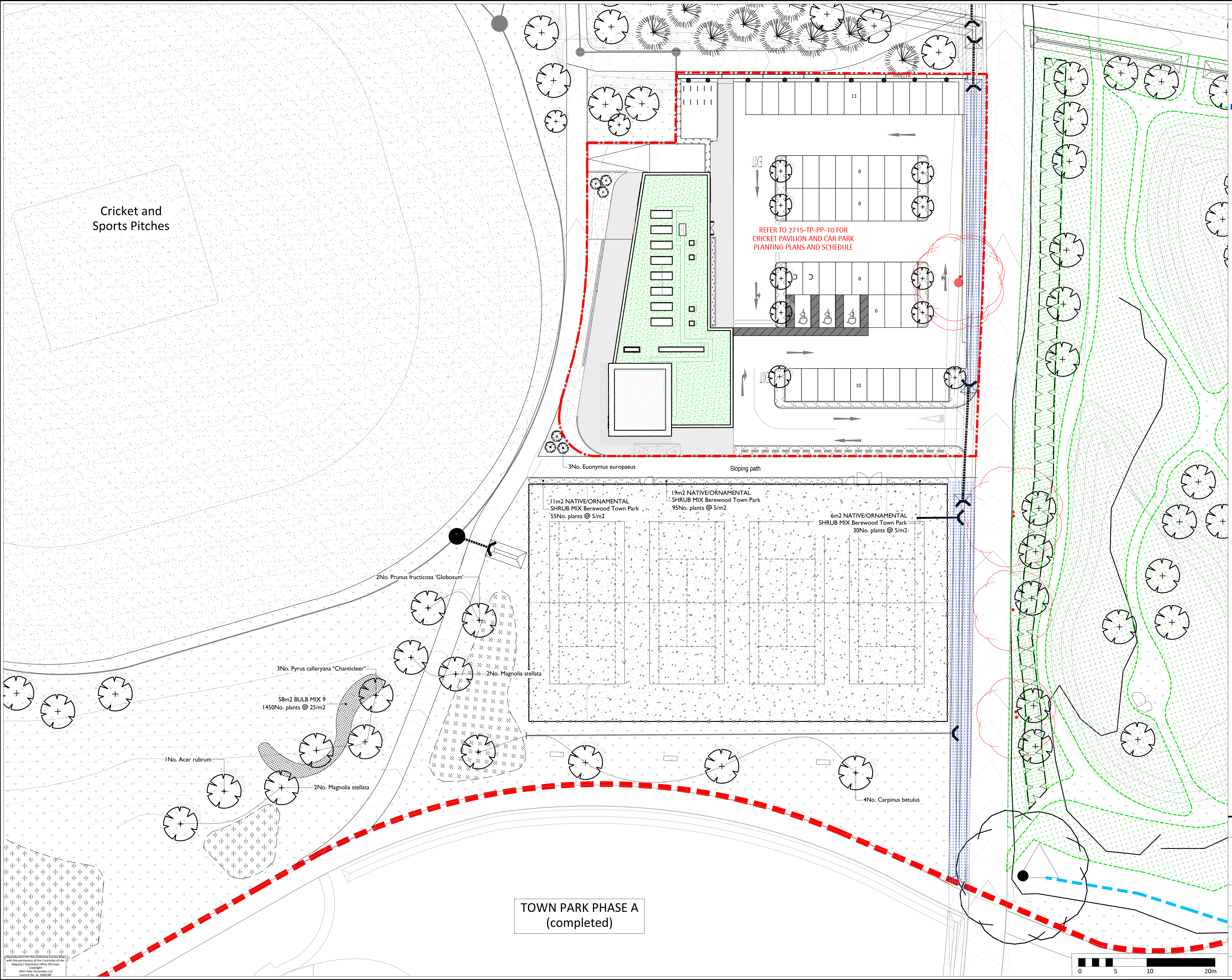
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PI	Issued for planning	22/10/20	LM	LM
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Kingston upon Thames, Surrey KT2 6EF
T 020 8549 3434
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LEGEND

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KEY PLAN (NTS):

P1	Issued for planning	22/10/20	LM	LM
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Rev	Description	Date	Drawn	Checked

Drawing Status

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Kingston upon Thames, Surrey KT2 6EF
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Town Park Phase B
Berewood, Waterlooville

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Sheet 4 of 9

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2715-TP-PP-04

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P1



PHASE 8
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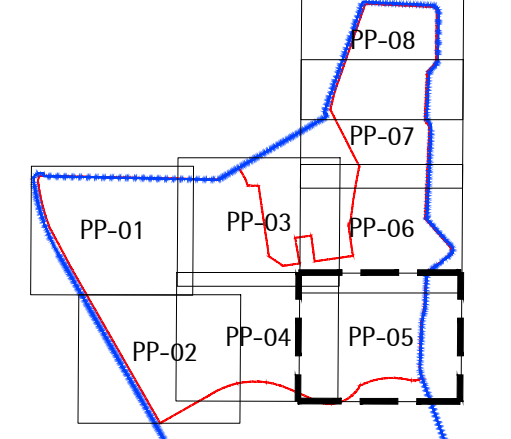
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KEY PLAN (NTS):



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Project
Town Park Phase B
Berewood, Waterloooville

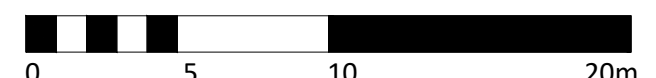
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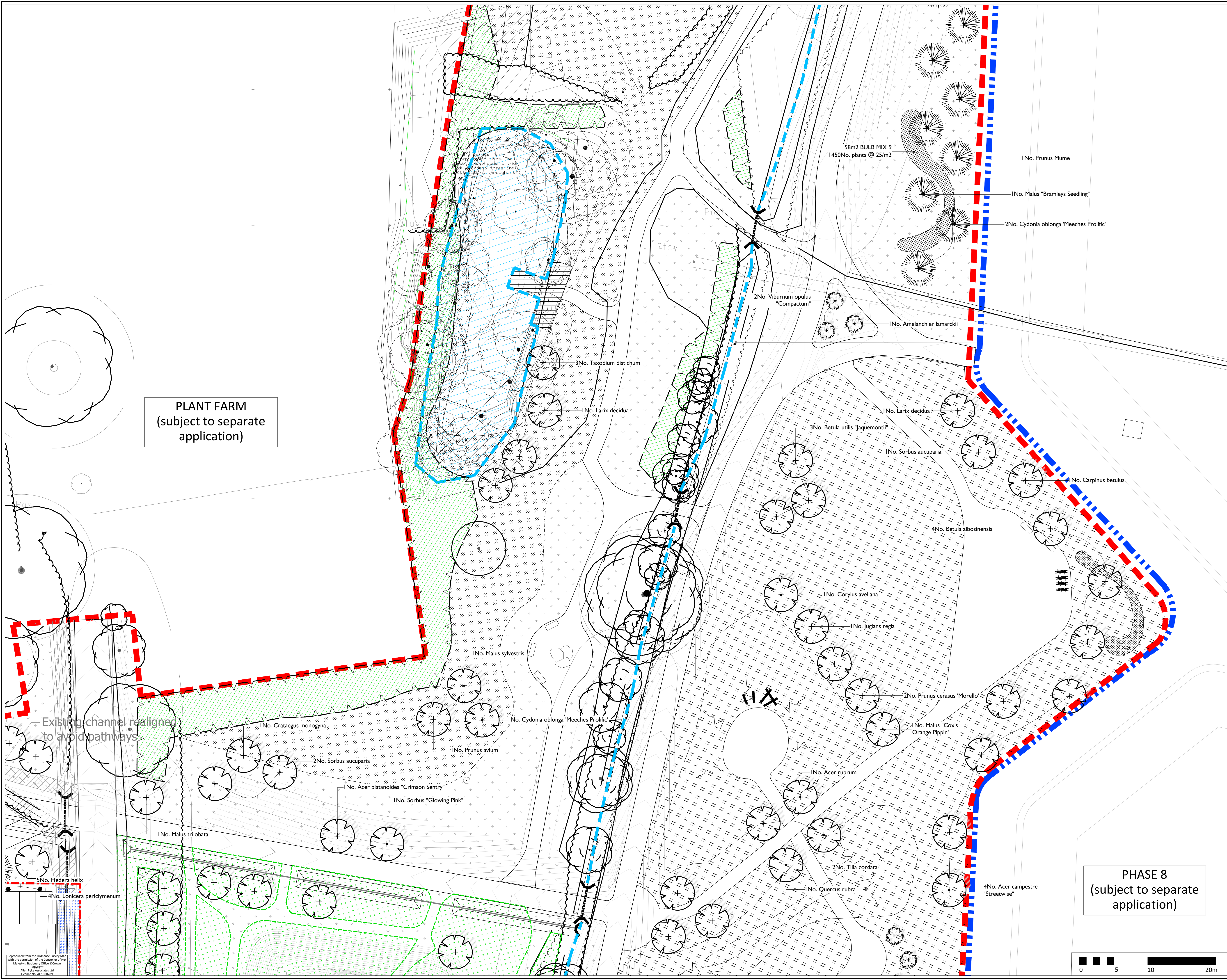
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LEGEND

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PI	Issued for planning	22/10/20	LM	LM
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The Factory, 2 Acre Road,
Kingston upon Thames, Surrey KT2 6EF
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Project
Town Park Phase B
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2715-TP-PP-06

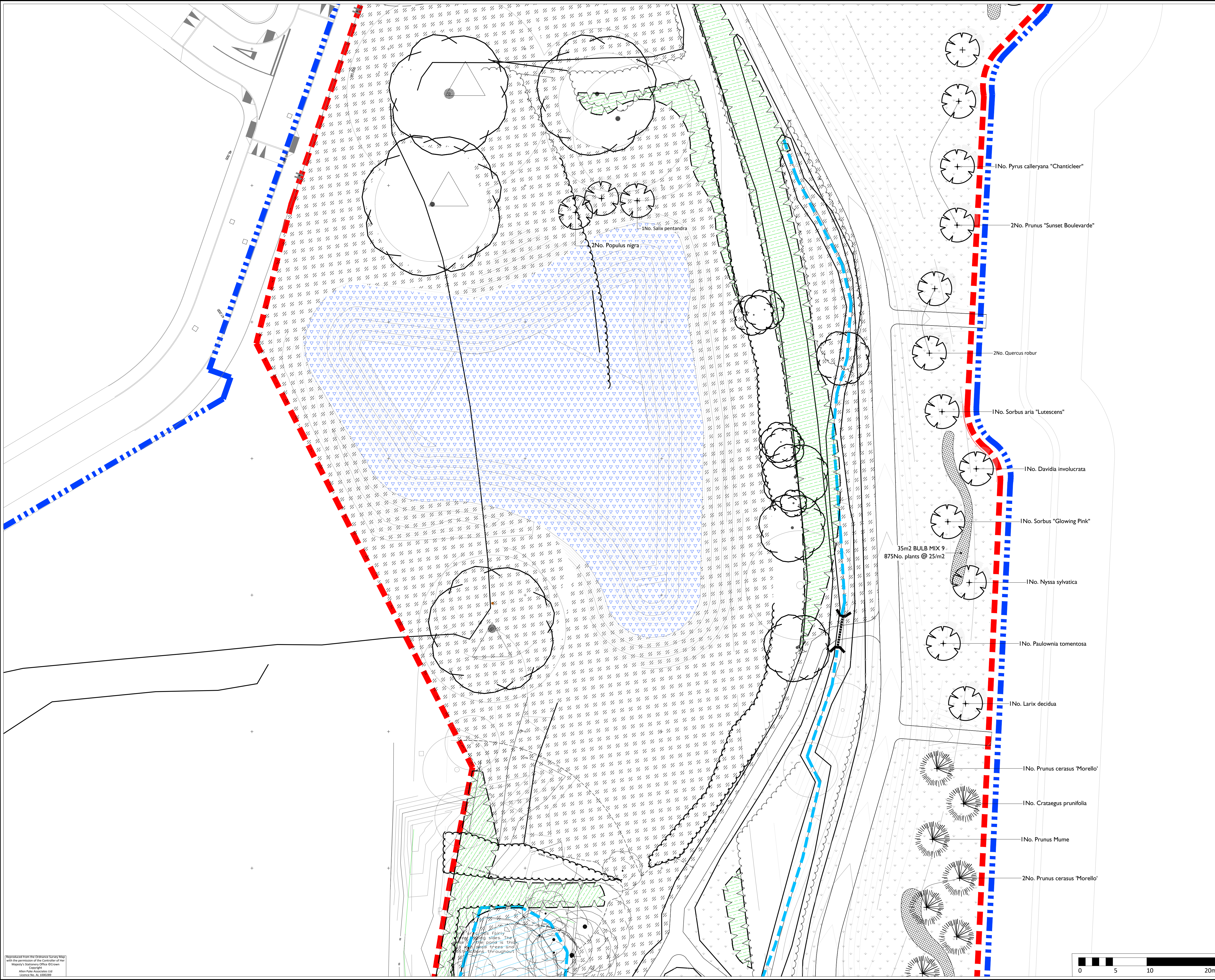
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LEGEND

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P1	Issued for planning	22/10/20	LM	LM
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Berewood, Waterlooville

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Sheet 7 of 9

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2715-TP-PP-07

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North

LEGEND

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P1	Issued for planning	22/10/20	LM	LM
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4

Plant Schedule Town Park B

Trees					
QTY	UNIT	PLANT NAME	STOCK		GIRTH/HEIGHT
8	No.	Acer campestre "Streetwise"	C		18-20cm
5	No.	Acer campestre	C		18-20cm
6	No.	Acer freemannii "Autumn Blaze"	C		18-20cm
6	No.	Acer platanoides "Crimson Sentry"	C		18-20cm
8	No.	Acer rubrum	RB		18-20cm
3	No.	Alnus glutinosa	C		18-20cm
2	No.	Amelanchier lamarckii	C		18-20cm
6	No.	Betula albosinensis	C		18-20cm
4	No.	Betula pendula	C		18-20cm
3	No.	Betula pubescens	C		18-20cm
5	No.	Betula utilis "Jaquemontii"	C		18-20cm
12	No.	Carpinus betulus	C		18-20cm
4	No.	Castanea sativa	C		18-20cm
6	No.	Cercidiphyllum japonicum	C		18-20cm
8	No.	Corylus avellana	C		18-20cm
5	No.	Crataegus monogyna	C		18-20cm
6	No.	Crataegus prunifolia	C		18-20cm
6	No.	Cydonia oblonga 'Meeches Prolific'	C		18-20cm
3	No.	Davidia involucrata	C		18-20cm
9	No.	Juglans regia	C		18-20cm
2	No.	Juglans nigra	C		18-20cm
6	No.	Larix decidua	C		18-20cm
9	No.	Liquidamber styraciflua	C		18-20cm
5	No.	Liriodendron tulipifera	C		18-20cm
4	No.	Magnolia stellata	C		18-20cm
2	No.	Malus "Cox's Orange Pippin"	C		18-20cm
2	No.	Malus "Bramleys Seedling"	C		18-20cm
2	No.	Malus "Evereste"	C		18-20cm
6	No.	Malus sylvestris	C		18-20cm
5	No.	Malus trilobata	C		18-20cm
9	No.	Nyssa sylvatica	C		18-20cm
7	No.	Parrotia persica	C		18-20cm
3	No.	Paulownia tomentosa	C		18-20cm
2	No.	Populus nigra	C		18-20cm
6	No.	Prunus "Snow Goose"	C		18-20cm
5	No.	Prunus "Sunset Boulevard"	C		18-20cm
5	No.	Prunus avium	C		18-20cm
7	No.	Prunus cerasus 'Morello'	C		18-20cm
4	No.	Prunus fruticosa 'Globosum'	C		18-20cm
7	No.	Prunus Mume	C		18-20cm
7	No.	Pyrus communis "Invincible"	C		18-20cm
7	No.	Pyrus calleryana "Chanticleer"	C		18-20cm
5	No.	Quercus robur	C		18-20cm
4	No.	Quercus rubra	C		18-20cm
6	No.	Robinia pseudoacacia "Bessoniana "	C		18-20cm
4	No.	Salix pentandra	C		18-20cm
5	No.	Sorbus aria "Lutescens"	C		18-20cm
5	No.	Sorbus "Glowing Pink"	C		18-20cm
7	No.	Sorbus aucuparia	C		18-20cm
4	No.	Sorbus terminalis	C		18-20cm
3	No.	Taxodium distichum	C		18-20cm
12	No.	Tilia cordata	C		18-20cm
10	No.	Tilia x europaea	C		18-20cm
9	No.	Ulmus 'New Horizon'	C		18-20cm

Plant Mixes

645m2 BULB MIX 9 planted @ 25/m2

%	QTY	PLANT NAME	STOCK	SIZE
20%	3225No.	Crocus 'Snow Bunting'		10-12cm
20%	3225No.	Crocus x luteus 'Golden Yellow'		10-12cm
20%	3225No.	Narcissus pseudonarcissus		10-12cm
20%	3225No.	Narcissus 'Silver Chimes'		10-12cm
20%	3225No.	Narcissus 'Tete-a-Tete'		10-12cm

36m2 NATIVE/ORNAMENTAL SHRUB MIX Berewood Town Park planted @ 5/m2

%	QTY	PLANT NAME	STOCK	SIZE
5%	9No.	Choisya ternata	C 5L	60-80cm
15%	27No.	Cornus sanguinea	C 5L	60-80cm
10%	18No.	Elaeagnus ebbingei	C 5L	60-80cm
10%	18No.	Euonymus fortunei 'Darts Blanket'	C 5L	40-60cm
5%	9No.	Ligustrum vulgare	C 5L	60-80cm
5%	9No.	Prunus lusitanica	C 5L	60-80cm
20%	36No.	Rosa rugosa 'Alba'	C 5L	60-80cm
10%	18No.	Viburnum davidii	C 5L	60-80cm
20%	36No.	Viburnum opulus	C 5L	60-80cm

Individual varieties to be planted in groups of approximately 15-17.

Feature Shrubs

QTY	UNIT	PLANT NAME	STOCK	SIZE	SPACING
3	No.	Euonymus europaeus	C 20L	100-125cm	1/m2
8	No.	Hamamelis x intermedia "Pallida"	C 20L	100-125cm	1/m2
4	No.	Viburnum opulus "Compactum"	C 20L	100-125cm	1/m2
2	No.	Syringa vulgaris "Monique Lemoine"	C 20L		150-180cm

Notes and Abbreviations

C = Container (or pot) grown, followed by size of the container (or pot).
HABIT = Juvenile habit or plant shape as supplied by the nursery.
QTY = Quantity
RB = Rootballed (balled and wrapped).
SIZE = Height or Spread of juvenile plant.
STOCK = Root condition/protection method eg Bare root.
Twiner = Twining climber attached to trellis/frame, refer to specification.

- Refer to specification for further information.
- All plants to be completely hardened off
- Substitutions to be agreed with Landscape Architect.

HORTICULTURAL NOTES

• All work to be carried out to the satisfaction of the Landscape Architect. No planting position shall be altered without the approval of the Landscape Architect.

• Engineer to confirm foundation details in accordance with practice note 4.2 of the NHBC guide.

• Planting will commence during the first planting season (mid Nov-mid March) after substantial completion of the site. Should planting commence outside the dormant period (October to mid-March), allow for all bare root stock to be supplied container grown and an intensive watering regime.

• All topsoil and subsoil is to be analysed by a qualified soil scientist and the findings supplied in report form including recommendations to bringing soils up to specification. The soil survey shall include analysis of representative topsoil and subsoil samples (sample numbers to be determined by the soil scientist) in accordance with the testing schedule. Test results without soil scientist's analysis for compliance against the specification and recommendations will not be acceptable.

• The soil profile for landscape areas shall be as follows:
Amenity grassed areas - 100mm Topsoil / 350mm Subsoil;
Shrub areas - 300mm / 300mm Subsoil;
Tree pits - 300mm Topsoil / 600mm-800mm Subsoil (depending on size of rootball).
Topsoil to BS 3882:2015, Subsoil to BS 8601:2013.
All landscaped areas to be free draining.

• Contractors to ensure all planting beds and tree pits are free draining. Prior to topsoiling all compacted ground is to be fully de-compacted and deep ripped (400-600mm) to allow good drainage.

• All areas where soil is to be incorporated over formerly hard areas or compacted ground, these are to be excavated a further 300mm, or as required to remove all sub-base aggregate and backfilled to below topsoil level with free draining subsoil to match PH of topsoil used on site. Following settlement of subsoil, top up areas and cultivate to depth of topsoil.

• Contractor to only work with or over topsoil when dry to avoid compaction and the need for lengthy remedial operations to re-create a friable, free-draining soil.

• Trees to be selected and planted in accordance with BS 8545:2014. Tree pits in soft areas should be no deeper than the existing rootball or container depth and should have a diameter at least 75mm greater than the root system. The base of the tree pit, if sub-soil, should remain undisturbed, unless additional measures are specified, to avoid sinking of the rootball. Sides of the tree pit should be scarified to promote lateral root growth. The rootflare should be proud of the soil and easily visible after planting. Tree stock should be supplied with nursery line marked on tree if available from nursery and line planted flush with ground level. Existing soil horizons (where visible/apparent) should be replicated as far as practicable.

• Unless specified otherwise, trees are to be secured by stakes: 14-16cm girth trees and below by single stake and 18-20cm girth trees and larger to be double staked. Multi-stem trees to be secured with single angled stake to main leader. Trees to be secured at low level (500mm) with biodegradable ties. Stakes to be placed outside of the rootball and extend at least 450mm into the ground. Once the tree has established stakes are to be removed (minimun 5 years).

• Each new tree pit shall incorporate a seep hose system to facilitate a hose being inserted to avoid unnecessary water loss. All trees planted in grass shall be fitted with mower/strimmer guards or mulched with a min 500mm diameter circle of mulch away from the main stem/trunk to protect stem/trunk from strimmer damage.

• Where trees are to be planted in close proximity to public services such as foul, surface and mains water, an appropriate root barrier such as ReRoot600 to 2000 or equivalent is to be installed to a depth below invert levels of services. Root barrier to be located as far from the tree as possible to maximise root growth and stability of the tree.

• Turfed areas to be rotavated and topsoil levelled as required, remove debris and stones above 30mm dia. De-compact ground as stated above. Add pre-seeding fertilizer to manufacturer's specification. Turf shall be weed free, laid from

planks (to avoid damage) with broken joints and well butted up. Water as necessary to avoid shrinkage.

• Amenity and landscape lawns not directly associated with private residences are to be seeded onto cultivated topsoil after de-compaction, raked evenly to a fine tilth. Seed to be distributed evenly in two perpendicular seeding passes, raked lightly and watered thoroughly upon completion. Newly seeded areas to be fenced off to avoid access.

• Meadow/Wildflower areas to be installed on min 200mm graded, de-compacted and cultivated subsoil. To remove unwanted weed grasses, the area shall be treated with an appropriate systemic herbicide prior to seed bed cultivation and left for minimum two weeks.

• Where manhole covers are located in shrub beds or hedge planting ensure that plants are spaced appropriately so they are not immediately adjacent to the cover.

• All preparations, both hard and soft under/around trees to be retained must be carried out by hand to protect roots.

• Climbers to be planted min 250mm away from supporting structure, nursery canes removed and attached to climber support using appropriate ties. Climber supporting structure to be vine eyes and lightly tensioned, plastic coated wires unless otherwise specified on the drawings or specifications. Wires to be installed at 350mm intervals horizontally and 200mm intervals vertically to create a minimum 1m wide trellis (height to vary on scenario). Load and suitability for facades to be confirmed by structural engineer.

• For most average growth climbers such as Clematis, support to be horizontal and vertical stainless steel wires at 350mm intervals horizontally and 200mm intervals vertically, 100mm clearance to buildings/structure. When stainless steel, fully tensioned systems are specified use: Jakob Wire system or equivalent, Tel: 0845 1300 135. Where strong growing and twining varieties of climbers are used refer to supplier's recommendations for distances of wires. Load and suitability for facades to be confirmed by structural engineer.

• All climbing plants planted in areas of proposed grass to be fitted with Strimmer Guard.

• All plant material procedures are to conform to the relevant British Standards (3936/4428) codes of practice and the specification.

• All shrubs are to be furnished with at least 3 strong breaks and supplied container grown. Shrubs to be planted in holes big enough to accommodate the plant without damaging the roots (min. 300mm³). Plants to be firmed, watered in and dead/damaged branches removed after planting.

• The use of pesticides (herbicides, insecticides, fungicides and slug pellets etc) should be discouraged to prevent cumulative fatal effects to animals via the food chain, particularly invertebrates, birds and/or mammals. Any pesticides used should be non-residual.

• A slow release fertilizer shall be applied after planting in accordance with manufacturer's instructions.

• All plant beds where access to ground floor windows is required are to have 400mm gravel strip offset from building facades. Gravel to be pea shingle or similar approved.

• All planted areas to be mulched with a medium grade bark mulch such as Melcourt Amenity Bark Mulch, 3-35mm, or similar to a minimum depth of 50mm after plants have been well watered. Where perennials are used a fine composted mulch such as Melcourt Composted Fine Bark or similar shall be applied to a depth of 50mm Care must be taken not to smother the plants.

• Where appropriate hedge species shall be pruned by up to one third to promote bushy growth.

• Bulbs shall be planted at a depths of three times their height into cultivated topsoil and plant hole to be backfilled with excavated material.

• All plants in native mixes to be fitted with spiral rabbit protection guards.

• Any tree, shrub or area of grass shall be replaced within a period of five years if they die within the next planting season after planting with another such plant of similar size and species.

• Should the site be at risk of rabbits, deer or badger appropriate measures should be agreed, prior to planting, to ensure successful plant establishment - staking turf, appropriate stock fencing etc.

APAL FILE REFERENCE
2715-TP-PP-01-10.dwg

Notes

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PI	Issued for Planning	22/10/20	LM	LM
A	Draft issued for discussion	06/10/20	LM	LM
Rev	Description	Date	Drawn	Checked

Drawing Status

PLANNING



The Factory, 2 Acce Road,
Kingston upon Thames, Surrey KT2 6EF
T 020 8549 1434
www.allenpyke.co.uk
KINGSTON UPON THAMES • CAMBRIDGE
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Project
Town Park Phase B
Berewood, Waterlooville

By/Chk
LM/CR

Drawing Title
Detailed Planting Plans
Sheet 9 of 9

Date
10/03/20

Drawing Number
2715-TP-PP-09

Revision
P1