

Leestone Road Industrial Developement

Planting Schedule - May 2019

TREES
RB: Root balled

SPECIES	CONDITION	NO. TIMES TRANSPLANTED	GIRTH IN CM	HEIGHT IN CM	POT SIZE /FORM	SPECIFICATION	BREAKS	SPACING CENTRES	QUANTITY
Acer campestre 'Streetwise'	Extra Heavy Standard	3x	16-18	400-450	RB	min 200cm clear stem	NA	As shown (indicative)	7
Malus tschonoskii	Semi-mature	3x	20-25	500-550	RB	min 200cm clear stem	NA	As shown (indicative)	2
Sorbus aria 'Lutescens'	Extra Heavy Standard	3x	16-18	400-450	RB	min 200cm clear stem	NA	As shown (indicative)	4

MIXED NATIVE HEDGEING PLANTS (double staggered row at 300mm centres - grow and maintain to a height of 80-100cm)
B: Bare Root
C: Container grown

SPECIES	OVERALL HEIGHT IN CM	ROOT CONDITION	SPECIFICATION	% MIX	TOTAL LENGTH
Carpinus betulus	60-80	B	1+2: Transplant - min 4 breaks	40	87 lin m
Crataegus monogyna	60-80	B	1+2: Transplant - min 4 breaks	55	
Ilex aquifolium	60-80	C 3L	Leader with laterals	5	

SHRUBS
C: Container Grown

SPECIES	SIZE cm	HABIT	ROOT COND/POT	NUMBER OF BREAKS	SPACING (per m2)	PLANT TYPE	QUANTITY
Lonicera pileata	30-40	Branched	C 3L	5	4	Shrub	42

AMENITY GRASS

SPECIFICATION	GRASS TYPE	SEED MIX	CUTTING HEIGHT	AREA(m2)
Germinal A18 (or similar approved)	For Road Verge and Embankment	2.5% Aberace (small) clover, 15% Cadix perennial rye grass, 40% Coral strong creeping red fescue, 12.5%Eveira smooth stalked meadow grass, 10% Highland brown top bent, 10% Jasmia chewing fescue, 10% Zurich perennial rye grass	min 20mm	272

BULBS - PUBLIC OPEN SPACE AREAS

SPECIES	GRADE	SPACING (per m2)	QUANTITY
Narcissus pseudonarcissus	5 to 8	35/m2	170

All material and workmanship to comply with latest British Standards and codes of best practice.

All proposed planting areas are subject to the location of services and below ground structures. Verification of service lines and below ground structures are the responsibility of the appointed contractor prior to commencement of works. All soft landscape works to be carried out by a certified / qualified Landscape Contractor to ensure correct planting and establishment methods are adhered to.

Setting out

Planting shall be set out as indicated on the drawing unless otherwise instructed due to site constraints or level variations during construction. All plants to be planted in singular species groups unless otherwise indicated.

Ground preparation

Works should be carried out to existing topsoil to ensure it conforms to **BS 3882**. Topsoil should be free from rocks larger than 50mm in diameter, concrete, wire, brick, all roots and less than 20% clay and prepared accordingly ready to receive tree and plant stock. All soil levels for shrub beds and grass areas should have any compacted sub-grade thoroughly broken up by machine before instructing the ground worker to spread topsoil or the landscape contractor to commence work as the beds will become waterlogged in wet weather and the plants and turf will die.

Tree Planting

Individual Trees -

Planted to **BS 5837: 2012** and **BS 8545: 2014** recommendations.

Maintained to BS Standard 7370-4:1993 and BS 3998 2010

Individual tree pits should be dug to accommodate the specific size of each individual tree rootball. Side of the pit to be scarrified. Pit dimensions should allow for a min 150-300mm to a max 600-900mm greater than the diameter of the rootball for healthy internal root growth and to allow adequate clearance between the perimeter of the root-ball and the side of the pit. Top of the rootball should sit just under the surface to accommodate a max 50-75mm layer of Melcourt Spruce Ornamental Bark mulch or equally approved.

Underground Guying - Platipus rootball fixing system including PlatiMat or equally approved should be applied to larger trees or trees where timber stakes may not be required for aesthetic reasons such as on feature trees or multi-stems.

Trees should be located min 3m from any building unless indicated or agreed by client / landscape architect. Trees should be planted in areas previously cleared of all weeds, grass and vegetation. The trees are to be various sizes as stated in the proposed planting schedules and should be rootballed or container grown and healthy and vigorous. Trees should be planted in planting holes appropriate to the size of the individual rootball, with the topsoil mixed with suitable tree planting compost and replaced carefully around the roots and lightly compacted every 150mm layer. It is recommended that an area at the base of each tree of 1.5 metre diameter in area is maintained weed free for an agreed period of years following planting.

Timber Stakes

Timber stakes - peeled chestnut or larch, free from projections, machine rounded, pointed and tannalised / preserved to resist rot for their intended lifespan, and strong enough to take nails without splitting.Stakes should not be more than one third of the tree height. Drive in the stakes so that they are a minimum of 300mm below the bottom of the pit. Double stakes with crossbar maybe used where larger rootballs occur to ensure greater stability. Use of adjustable rubber ties are recommended and installed in accordance with manufacturers specifications.

Rubber ties to be inspected first few years of establishment and loosened appropriately to accommodate trunk expansion.

Stakes and rubber ties to be removed at the end of year two and not later than the end of year 3 for trees which have not established well. If a tree remains in need of staking beyond year three, it should be replaced as it has not thrived or developed a strong root system.

Root Barriers

Where trees are located within a 3m distance to a building or to any adoptable areas / services, then a root barrier system may be required.

Planting Season

All bare root and rootballed planting should be carried out during the planting season between October to March.

Should the programme for planting fall outside of the planting season months, the plant stock should be specified as container grown stock only.

All planting to be carried out within the appropriate planting season as listed below:

- Deciduous trees and shrubs: Late October to Late March
- Conifers and evergreens: September/October or April/May
- Herbaceous plants, including marginal: September/October or March/April
- Dried bulbs, corms or tubers: September/October
- Green bulbs: After flowering
- Aquatic plants: May/June or September/October
- Container grown trees and shrubs: At any time if ground and weather conditions are favorable

Watering

Trees shall be watered to field capacity upon planting, then provided with a watering gator bag. Gator bags deliver 75L of water which should be filled in accordance to weather conditions but minimally once per week during the first growing season and twice per week in hot, dry weather. Thereafter, fortnightly until full establishment.

Any trees in close proximity to hard surfaces / services and footpaths or building foundations should have a green leaf eroot600 root barriers or a similar approved root barrier system installed.

All trees and shrubs to be UK grown and of local provenance where possible from reputable tree and plant nurseries. Imported tree and plant stock to be avoided to reduce risk of introducing or, further spreading tree related diseases in the UK and, in accordance with latest UK Bio-security guidance.

Hedges

Hedges to be grown to established heights of between 800-1000mm. Based on double staggered row at 300mm centres where space allows.

During the first few years of establishment the hedge should be encouraged to grow freely to reach the required heights.

Close clipping approx twice a year will help to maintain a formal appearance.

Hedges must not be cut during the breeding bird season (between 31st March and 31st of July).

Grass/Turf

Turfing and seeding shall be carried out to suppliers recommendation and only during appropriate seasons when soil and weather conditions are suitable for the relevant operations. Only machinery and tools suitable for the site conditions and the work to be carried out shall be used. Hand tools shall be used around trees, plants and in confined spaces where it is impractical to use machinery. The soil shall be weed free prior to turfing or seeding. Contact herbicide as specified should be applied to all areas of weed growth 4-6 weeks before grassing and repeated if necessary to maintain a weed free bed. Where deep rooted weeds are present (docks, thistles etc.) approved Glyphosate-based herbicide should be applied as a spot treatment. Turf shall be laid on prepared and leveled soil (minimum 150mm depth) in the areas indicated on the drawings in accordance with **BS 4428:1989**. All grass areas to be approved landscape quality turf for external areas, or equivalent seed.

Mulch

Once trees and shrubs have been planted, apply 50mm of Melcourt Ornamental bark mulch or equally approved to all planted areas. Finished mulch levels no higher than 15mm below grass or pavement levels to avoid any spillage onto pavements or lawns.

Topsoil

Topsoil - to **BS:3882:2015** Shrub beds to receive 450mm topsoil layer. Grass areas to receive 150mm topsoil spread evenly and flush with any area of paving and after settlement, the soil level should be no greater than 10mm below paved areas to allow for turf.

Amenity grass

Shrub planting

Mixed native hedge planting

Gravel

Spring bulbs

New tree planting - Extra Heavy Standard

New tree planting - Semi-mature

2.4m high fence - refer to architects specifications

N

Please note:
Do not scale from this drawing
Figured dimensions take precedent over scale
All dimensions are in millimeters unless otherwise indicated on the drawing
All dimensions are to be verified on site prior to any construction
Report all discrepancies to the Drawing Originator Immediately
This drawing is to be read in conjunction with all relevant documents and drawings

Rev	Description	Drawn	Approved	Date
01	Amended to revised site layout	HGL	TR	23.05.2019

HANNAHLOW
LANDSCAPE & GARDEN DESIGN
27 Cringle Road, Levenshulme, Manchester, M19 2RW
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Project
Leestone Road Industrial Development
Sharston Industrial Estate, Cheshire

Client
Russell Construction

Title
Landscape Proposals - Planting Plan

Project Stage
Planning

Drawing Number
027-L-201

Scale	Date
1:100@A1	23.05.2019

Drawn	Checked	Approved
HGL	TR	TR