Proposed Planting Plan

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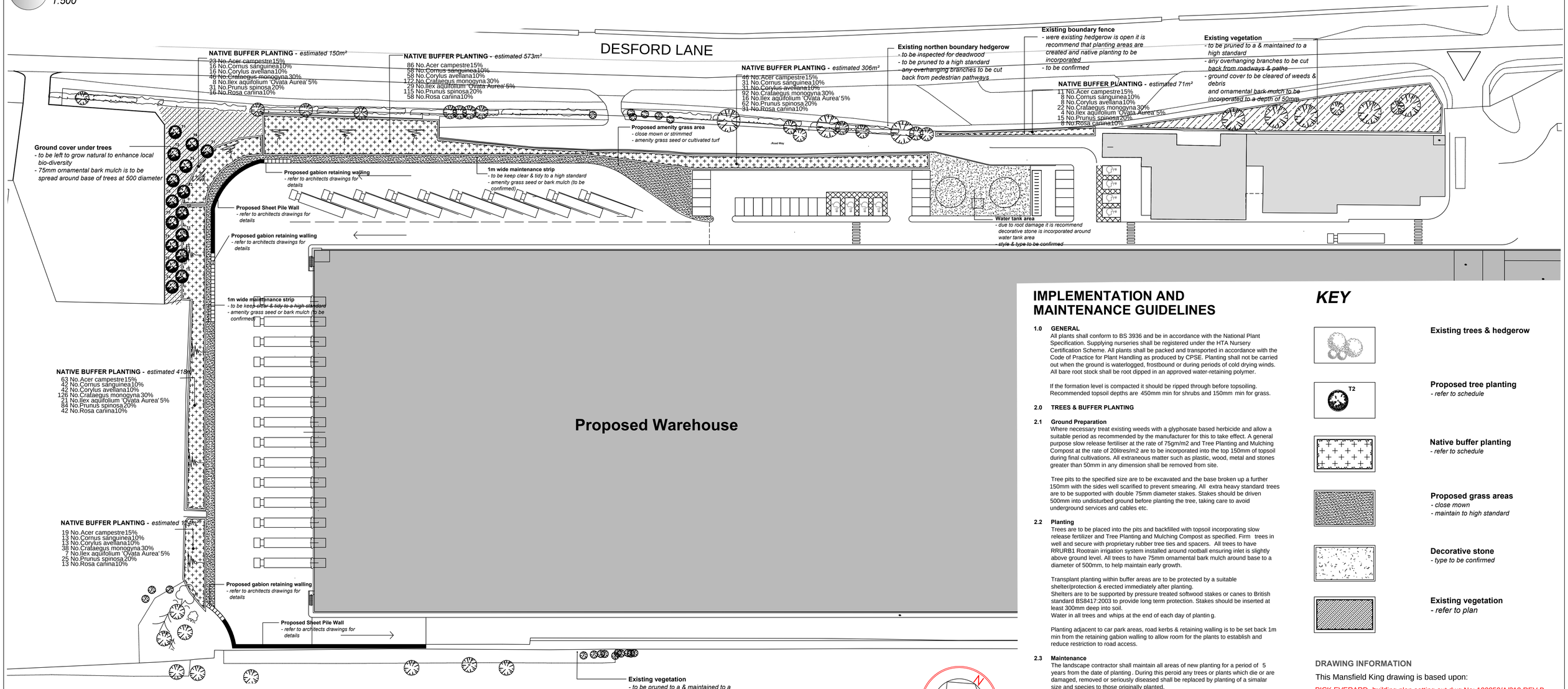

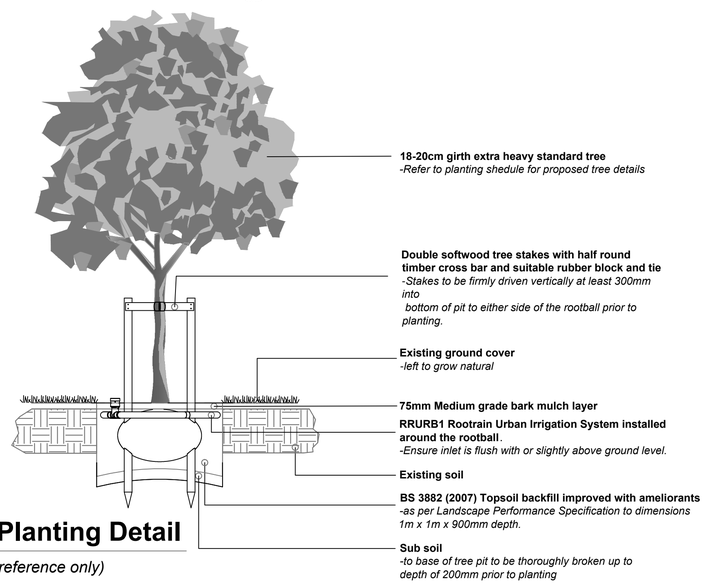

Tree Planting Detail

NTS (for reference only)

PROPOSED PLANTING SCHEDULE

TREES

REF	SPECIES	SUPPLY	Height (cm)	GIRTH(cm)	TOTAL No.
T1	Alnus glutinosa	EHStd	4.0 - 4.5	18 -20	4
T2	Betula pendula	EHStd	4.0 - 4.5	18 -20	4
T3	Prunus padus	EHStd	4.0 - 4.5	18 -20	3
T4	Quercus robur	EHStd	4.0 - 4.5	18 -20	3
T5	Sorbus aucarparia	EHStd	4.0 - 4.5	18 -20	2

All trees to be planted in accordance with the implementation and maintenance guidelines . No tree species, size or location should be altered without prior approval from Mansfield King Landscape Design Ltd.

NATIVE HEDGEROW PLANTING - *planted 1per m²*

SPECIES	SUPPLY	MIX%	SIZE (cm)	Ctrs(m)	TOTAL No.
Acer campestre	T 1+1	15%	40 - 60	0.9	248
Cornus sanguinea	T 1+1	10%	40 - 60	0.9	168
Corylus avellana	T 1+1	10%	40 - 60	0.9	168
Crataegus monogyna	T 1+1	30%	40 - 60	0.9	496
Ilex aquifolium 'Ovata Aurea'	T 1+1	5%	40 - 60	0.9	85
Prunus spinosa	T 1+1	20%	40 - 60	0.9	332
Rosa canina	T 1+1	10%	40 - 60	0.9	168

All transplants to be planted in accordance with the implementation and maintenance guidelines . No shrub species, size or location should be altered without prior approval from Mansfield King Landscape Design Ltd.

Species selected reflect those locally occurring and appropriate to the existing surrounding woodlands, trees and hedgerows. Overall, the planting would be dominated by native and locally occurring species and would address all of the principal landscape and planting objectives.

IMPLEMENTATION AND MAINTENANCE GUIDELINES

1.0 GENERAL

All plants shall conform to BS 3936 and be in accordance with the National Plant Specification. Supplying nurseries shall be registered under the HTA Nursery Certification Scheme. All plants shall be packed and transported in accordance with the Code of Practice for Plant Handling as produced by CPSE. Planting shall not be carried out when the ground is waterlogged, frostbound or during periods of cold drying winds. All bare root stock shall be root dipped in an approved water-retaining polymer.

If the formation level is compacted it should be ripped through before topsoiling. Recommended topsoil depths are 450mm min for shrubs and 150mm min for grass.

2.0 TREES & BUFFER PLANTING

2.1 Ground Preparation

Where necessary treat existing weeds with a glyphosate based herbicide and allow a suitable period as recommended by the manufacturer for this to take effect. A general purpose slow release fertiliser at the rate of 75gm/m2 and Tree Planting and Mulching Compost at the rate of 20litres/m2 are to be incorporated into the top 150mm of topsoil during final cultivations. All extraneous matter such as plastic, wood, metal and stones greater than 50mm in any dimension shall be removed from site.

Tree pits to the specified size are to be excavated and the base broken up a further 150mm with the sides well scarified to prevent smearing. All extra heavy standard trees are to be supported with double 75mm diameter stakes. Stakes should be driven 500mm into undisturbed ground before planting the tree, taking care to avoid underground services and cables etc.

2.2 Planting

Trees are to be placed into the pits and backfilled with topsoil incorporating slow release fertilizer and Tree Planting and Mulching Compost as specified. Firm trees in well and secure with proprietary rubber tree ties and spacers. All trees to have RRURB1 Rootrain irrigation system installed around rootball ensuring inlet is slightly above ground level. All trees to have 75mm ornamental bark mulch around base to a diameter of 500mm, to help maintain early growth.

Transplant planting within buffer areas are to be protected by a suitable shelter/protection & erected immediately after planting.
Shelters are to be supported by pressure treated softwood stakes or canes to British standard BS8417:2003 to provide long term protection. Stakes should be inserted at least 300mm deep into soil.
Water in all trees and whips at the end of each day of plantin g.

Planting adjacent to car park areas, road kerbs & retaining walling is to be set back 1m min from the retaining gabion walling to allow room for the plants to establish and reduce restriction to road access.

2.3 Maintenance

The landscape contractor shall maintain all areas of new planting for a period of 5 years from the date of planting . During this peroid any trees or plants which die or are damaged, removed or seriously diseased shall be replaced by planting of a simalar size and species to those originally planted.

The site is to be visited monthly throughout the year to undertake the following operations.
Weed clearance: All planting areas are to be kept weed free by hand weeding or herbicide treatment.
Litter clearance: All litter is to be removed from planting beds.
Watering: Planting areas are to be brought up to field capacity at each visit and each tree is to receive 20 gallons.
Checking trees: All tree ties and stakes are to be checked and adjusted if too loose, too tight or if chaffing is occurring. Any broken stakes are to be replaced.
Formative pruning: Any damaged shoots/branches are to be pruned back to healthy wood. Plants are to be pruned in accordance with good horticultural practice to maintain healthy well-shaped specimens.

3.0 GRASS

3.1 Preparation

The area to be turfed or seeded shall be sprayed out with a glyphosate herbicide and cultivated to a depth of 150mm removing all weeds, debris and stones over 25mm diameter. The surface shall be raked to smooth flowing contours with a fine tilth, incorporating pre-seeding fertiliser at 70 g/m2.

3.2 Delivery and Storage

Turf shall be supplied in accordance with BS3936.

Turf shall be of high quality as supplied by Spearhead Turf. It shall be close textured and green in colour and be sufficiently fibrous to withstand handling. Turves shall be regular in shape, 300mm wide and of uniform thickness (minimum 25mm). The grass shall be closely mown and shall not exceed 25mm in height.

Turf shall be stacked in piles of up to 1 metre. It shall not be laid in frosty or waterlogged conditions and shall not be stacked in rolls for more than three days.

3.3 Turf

Turfing operations shall be in accordance with BS 4428 .

Whole turves shall be laid around the perimeter of the area to be turfed. The central area shall be laid in rows with staggered joints, well butted together, working from planks positioned on turves already laid. The turf shall be watered on completion. Any unevenness shall be made good by lifting the turf and adjusting the levels. Should shrinkage occur, fine topsoil shall be brushed into the joints.

3.4 Seeding

Grass seed shall be sown in April during calm weather and not when the ground is frost bound or waterlogged. Seed shall be sown in two equal sowings in transverse directions at 35 g/m2. After sowing the contractor shall lightly rake the seed into intimate contact with the soil.

NOTE: These implementation and maintenance guidelines are for planning purposes only to indicate the level of workmanship to be specified and do not constitute a detailed specification.

KEY

Existing trees & hedgerow

Proposed tree planting
- refer to schedule

Native buffer planting
- refer to schedule

Proposed grass areas
- close mown
- maintain to high standard

Decorative stone
- type to be confirmed

Existing vegetation
- refer to plan

DRAWING INFORMATION

This Mansfield King drawing is based upon:

PICK EVERARD- building plan setting out dwg No: 100850/A/210 REV B

These drawing notes are intended for guidance only and must be read in conjunction with our Full NBS Landscape Specification. This drawing is the copyright of Mansfield King Landscape Design Ltd 2011© and may not be reproduced or amended except by written permission.
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MansfieldKing Landscape Design Limited

Landscape Design, Management & Consultancy

Client: Pick Everard / Hallam Contracts
Project: Crown Crest Warehouse
Desford lane
Kirby Muxloe
Title: Planting Proposals

DWG No:MK-1003-HC-DESFORD LANE- 01Rev B

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