

GENERAL NOTES:
 This drawing is to be read in conjunction with all other relevant disciplines drawings, schedules, specifications and supporting information. The contractor is to verify all dimensions and conditions on site. This drawing should not be scaled. Only figured dimensions are to be followed. Any discrepancies are to be reported to Indigo Landscape Architects Limited and resolution sought prior to proceeding. This drawing is subject to copyright.

SOFTWARES SPECIFICATION

1 - IMPLEMENTATION

General
 All works shall be undertaken to recognised good horticultural practice and to relevant British Standards. The quality of all landscape works shall be carried out in accordance with British Standard 4428:1989 'Code Of practice For General Landscape Operations'.

All trees and other plants included within the approved details shall be healthy, well-formed specimens of a minimum quality that is compatible with British Standard 3936:1992 (Part 1) 'Specifications for Trees & Shrubs' and British Standard 4043:1989 (where applicable).

Biosecurity
 'BS 8545:2014 Trees: From Nursery to Independence in the Landscape' shall be adhered to. In the interest of Biosecurity, trees should not be imported directly from European suppliers and planted straight into the field, unless they have appropriate certification that they are 100% disease free and have come from an area with no known horticultural diseases; If disease free certification is not possible, the trees shall have spent a full growing season in quarantine, in a British nursery to ensure plant health and non-infection by foreign pests and diseases. This is a measure to address the threat of the introduction of pests and diseases from outside the UK.

Soiling and planting specification

- Under existing trees / within tree root protection areas, except where otherwise noted, only the top 100mm of existing soil shall be prepared, by hand, to prevent damage to underlying roots. New plants, where specified, shall be carefully pit planted, to avoid major roots.
- Topsoil depths generally (away from tree root protection areas) for whip and hedgerow planting: minimum 350mm depth of topsoil.
- In new planting areas to be topsoiled, away from existing trees, underlying subsoil shall be broken up / ripped as required to provide adequate drainage. Hardcore / rubble / excess kerb haunching shall be fully removed.
- Topsoil to be laid over prepared subsoil as noted. Topsoil shall be kept weed-free prior to planting by hand weeding or use of non-residual herbicides.
- In existing topsoiled areas, the depth of soil shall be checked to ensure minimum requirements noted above are achieved.
- Existing topsoil shall be reused from site where possible.
- Imported topsoil, if required, should be compatible in pH with existing soil on site and shall comply with BS3882: 2015 Multipurpose topsoil.
- Topsoil analysis tests should be undertaken for existing and imported topsoil to assess the pH level, structural analysis, nutrient composition, and toxin profile of the soil is suitable for landscape purposes. Results are to be provided to the Landscape Architect for approval prior to soiling.
- PAS 100 peat free organic matter shall be incorporated into the soil in tree and hedge planting areas at a ratio of 1 cubic metre PAS 100 per 20 cubic metres topsoil and thoroughly mixed in prior to planting.
- En-Mag slow release fertiliser shall be incorporated per manufacturer suggested rates in tree and hedge planting areas.

General

- All hedge planting areas to be mulched with minimum 50mm settled depth medium grade woodchip or bark mulch to suppress weeds.
- Whip planting areas to be mulched with minimum 50mm settled depth medium grade woodchip mulch.
- Hedge planting to be protected from grazing damage and herbicides with 600mm x 50mm clear spiral guards with support canes.
- Woodland mix planting to be protected with Tubex shelter guards with support stakes.

Tree Planting

- All tree planting to be in accordance with BS8545:2014
- Tree pits, to be square in plan, excavated to a minimum size of 600mm larger than the rootball. Base of pit to be slightly domed; not to be broken up unless drainage problems are apparent.
 - Tree pit guide size guide:
 - Selected Standard size and above / feathered trees above 3.0m height 1200mm x 1200mm, depth as per rootball*
 - Standard tree and smaller / feathered tree below 3.0m height 1000mm x 1000mm, depth as per rootball*
 - * Bare root trees: Base of pit to have dome of soil to support roots / tree at original level in the nursery.
 - Tree pit backfill to reflect soil profile - ie: subsoil up to approx. 400mm from ground surface, topsoil above, approx. 400mm depth.
 - 1.2m dia. watering 'dishes' to be formed around the base of each tree, to hold water directly over rootball during watering.
 - Heavy Standard, Extra Heavy Standard, and Advanced Nursery Stock trees are to be double staked, with a low cross bar, fixed with rubber tree ties and rubber pad.
 - Feathered trees shall be single staked, fixed with rubber tree ties.
 - Trees outside planting areas to be mulched with minimum 50mm settled depth, medium grade ornamental bark mulch to 1.2m diameter.

Timing and monitoring of planting works

All planting shall be undertaken, at the latest, within the first planting season (1st November to 31st March inclusive) following substantial completion of the major construction and groundworks. The developer may however, undertake planting prior to this, outside the planting season, using fully containerised planting material. This is on the understanding that increased watering will be required to establish the planting successfully. Where planting is likely to take place outside the planting season, the Contractor is to provide a provisional quote at tender to upgrade all bare root plants to equivalent containerised plants and an allowance for weekly watering June-Aug inclusive.

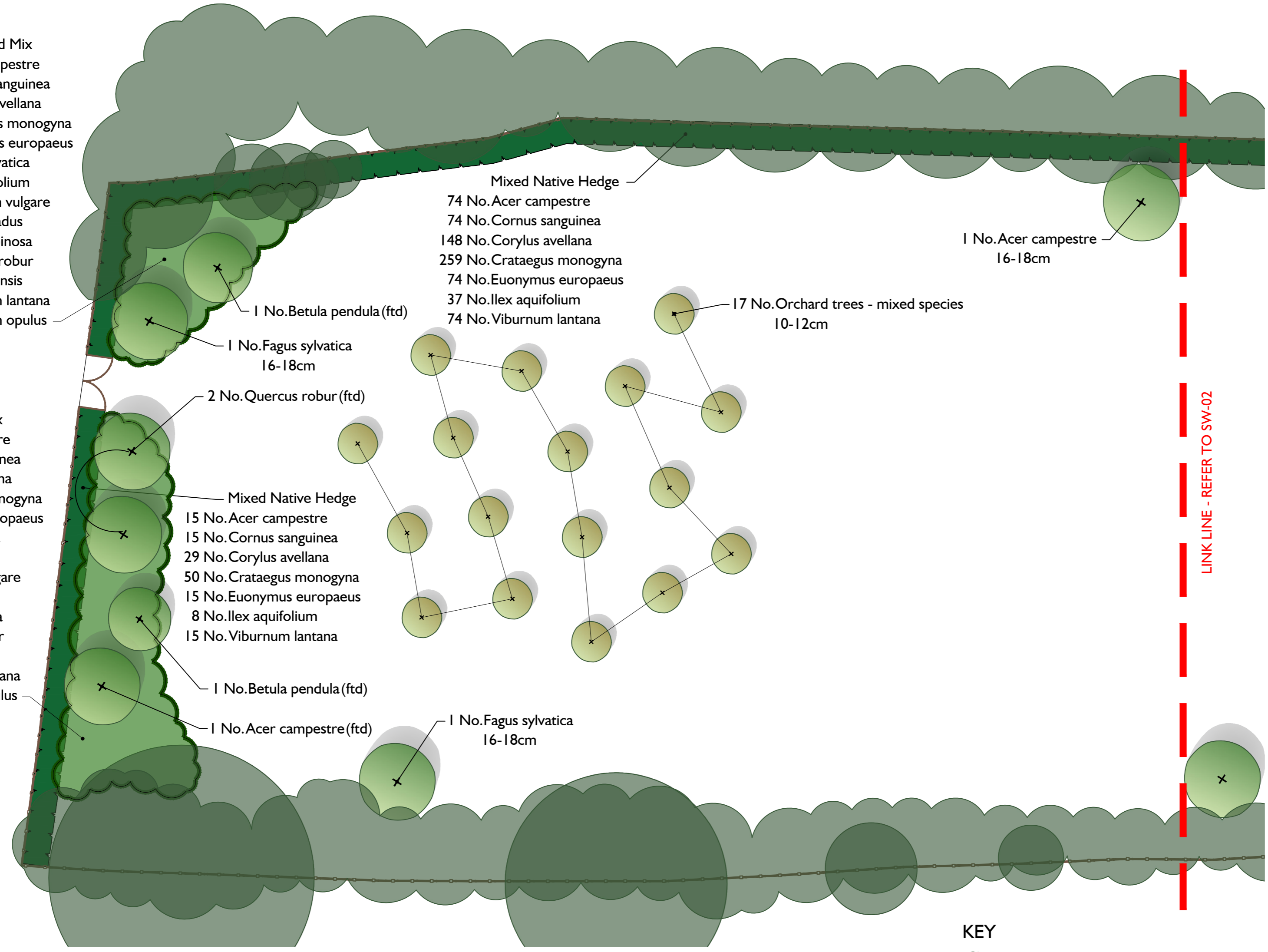
All planting works will be undertaken and supervised by a competent professional landscape contractor.

REFER TO SW-02 FOR PLANT SCHEDULE

- Woodland Mix**
- 9 No. Acer campestre
 - 3 No. Cornus sanguinea
 - 17 No. Corylus avellana
 - 17 No. Crataegus monogyna
 - 3 No. Euonymus europaeus
 - 7 No. Fagus sylvatica
 - 3 No. Ilex aquifolium
 - 3 No. Ligustrum vulgare
 - 7 No. Prunus padus
 - 2 No. Prunus spinosa
 - 6 No. Quercus robur
 - 2 No. Rosa arvensis
 - 3 No. Viburnum lantana
 - 3 No. Viburnum opulus

- Woodland Mix**
- 15 No. Acer campestre
 - 4 No. Cornus sanguinea
 - 29 No. Corylus avellana
 - 29 No. Crataegus monogyna
 - 4 No. Euonymus europaeus
 - 11 No. Fagus sylvatica
 - 4 No. Ilex aquifolium
 - 4 No. Ligustrum vulgare
 - 11 No. Prunus padus
 - 3 No. Prunus spinosa
 - 9 No. Quercus robur
 - 3 No. Rosa arvensis
 - 4 No. Viburnum lantana
 - 4 No. Viburnum opulus

- Mixed Native Hedge**
- 74 No. Acer campestre
 - 74 No. Cornus sanguinea
 - 148 No. Corylus avellana
 - 259 No. Crataegus monogyna
 - 74 No. Euonymus europaeus
 - 37 No. Ilex aquifolium
 - 74 No. Viburnum lantana
- 17 No. Orchard trees - mixed species
10-12cm



2 - LANDSCAPE MAINTENANCE AND MANAGEMENT

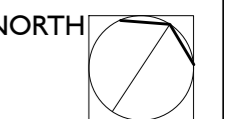
Long term design objectives
 The general intent of landscape maintenance of the site is to ensure that over a period of time the planting develops to maturity, to the concept that has been approved by the local planning authority. Management and maintenance is to be undertaken in such a way as to allow healthy plants to develop, unhindered by weed growth or other inhibiting factors.

Landscape maintenance schedules

- All landscape maintenance work is to be undertaken by an experienced landscape professional. The primary maintenance operations will include:
- Watering trees and plants as necessary to ensure vigorous and successful establishment during the early years after planting.
 - Keeping planting areas free from weeds. All planted / mulched areas shall be hand weeded or treated with a non-residual herbicide as appropriate / required.
 - Fertilising of tree pits and hedges (only) annually in spring using a suitable organic slow release fertiliser.
 - General pruning and trimming to ensure plants develop appropriately according to their species.
 - Trimming native hedges to 1.2m height in the first year, increasing gradually (to ensure dense growth) to 2m by year 5. The garden curtilage boundary hedge should be maintained at 1.5m height.
 - Checking and adjusting all tree stakes and ties approximately every 3 months during the first one to two years after planting. Removal of stakes and ties once trees are securely established (guide 18 - 36 months after planting).
 - Replacing plants that fail where required, with the approved species, (within 5 years of planting as a minimum). All planting will be inspected annually in late summer. Any dead, dying or diseased plants shall be removed and replanted according to the approved plan in the following planting season (November-March).

KEY

- Existing vegetation retained
- Tree planting
- Orchard tree planting
- Woodland planting
- Native hedgerow planting
- Internal hedgerow planting (not specified)
- Garden shrub planting areas (not specified)



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project
 HILLCREST, NETHER WALLOP

client
 MR AND MRS PERRIN

drawing title
 DETAILED STRUCTURAL LANDSCAPE PROPOSALS

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1091-SW-01	A	PLANNING	1:250@A2