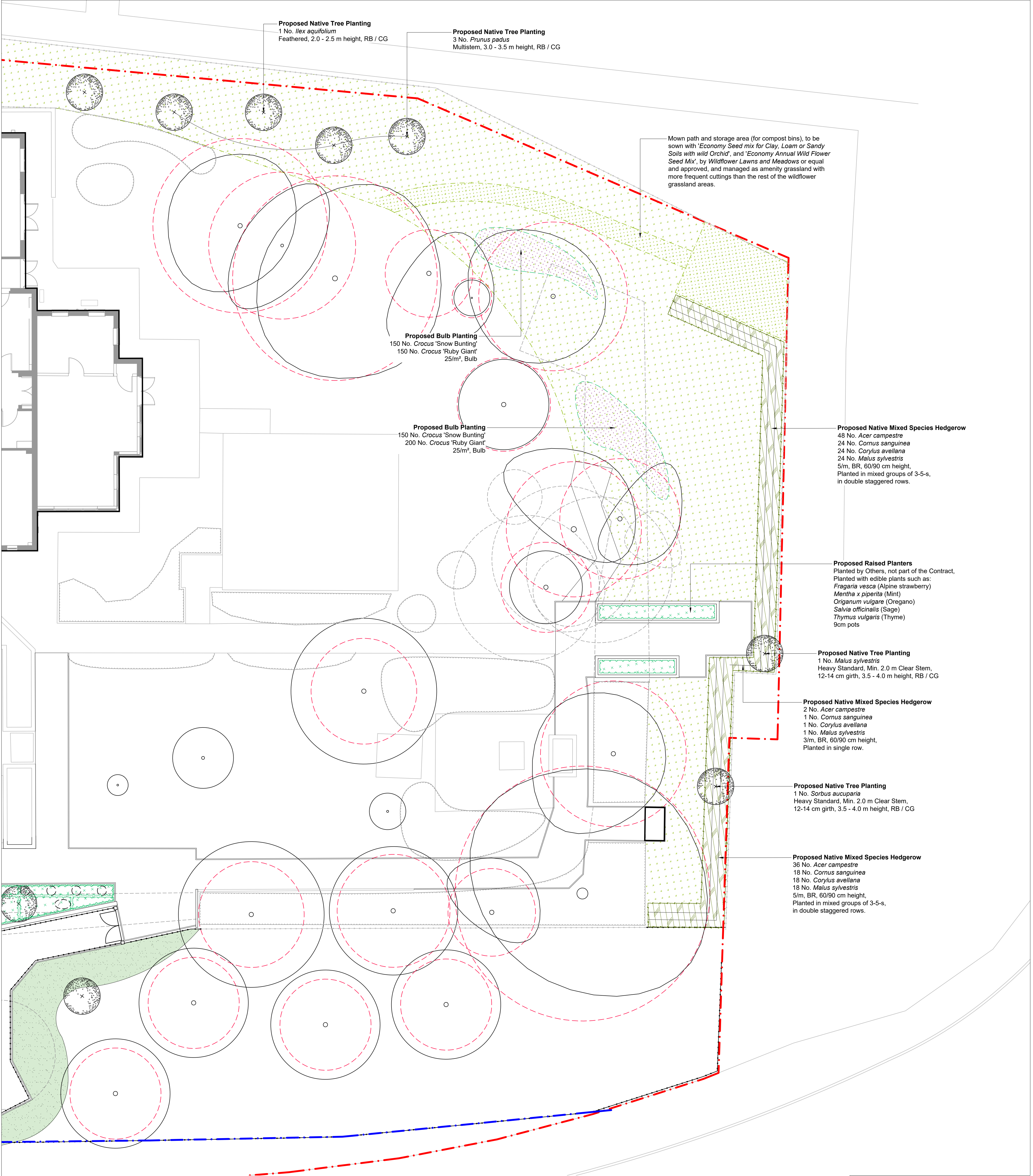




Legend

Site Boundary

Existing - Trees with Root Protection Areas
Existing mature trees to be retained and protected on site in accordance with BS 5837:2012 - 'Trees in Relation to Design, Demolition and Construction - Recommendations'. (Refer to Arboricultural Reports prepared by Phiorum)

Existing - Vegetation
Existing vegetation to be retained where possible.

Proposed - Native Trees
Heavy Standard, Min. 2.0 m Clear Stem, 12-14 cm girth, 3.5 - 4.0 m height, or Multistem, 3.0 - 3.5 m height, RB / CG Feathered, 2.0 - 2.5 m height, RB / CG

Proposed - Feature Conifer Tree
Feathered, 1.5 - 2.0 m height

Proposed - Sensory Planting Areas
Flowering and berry producing ornamental planting areas with ornamental grasses

Proposed - Native Hedgerow
Mixed species native boundary hedgerow

Proposed - Wildflower Areas
'Economy Seed mix for Clay, Loam or Sandy Soils with wild Orchid', sown together with 'Economy Annual Wild Flower Seed Mix', by Wildflower Lawns and Meadows or equal and approved.

Proposed - Amenity Lawn
Species rich turf to be Wildflower Turf's 'WFT-Species-Rich-26' Turf Mix or equal and approved.

Proposed - Bulb Planting
Naturalised spring flowering bulbs.

Proposed - Feature Shrubs

Proposed - Ornamental Grasses

Proposed - Accent Plants
Perennial planting for seasonal interest

Existing - Trees

Existing mature trees to be retained and protected on site in accordance with BS 5837:2012 - 'Trees in Relation to Design, Demolition and Construction - Recommendations'.

For details of tree retention, refer to the Arboricultural Impact Assessment Report.

Works in Proximity to Existing Trees:

Any cultivation, digging and planting operations within Root Protection Areas of existing trees and close to their stems must be carried out with diligence and care using manual tools and techniques to avoid damage to roots and bark.

Tree Planting Specification:

Specimen Tree Planting in Proposed Soft Landscape Areas

Planting pits should be excavated to the same depth as the trees root system with the root flare / root collar to be level with the surface of the surrounding soil.

The planting pit shall have a slightly raised centre and be broken up to a depth of 150 mm. The width of the tree pit should be excavated to be 150 - 300 mm larger than the root ball or container. If the tree pit sides are compacted, smooth or smeared, they should be scarified to loosen the soil. The trees root system should be lightly wetted prior to planting.

The tree should be planted at the correct depth ensuring the root flare is just visible above the soil level and that there has been allowance for any settling of soil levels. Backfilling should be added gradually in layers of 150mm ensuring the tree is held upright. Each layer should be firmed down to remove air pockets within the soil and to aid tree stability but not to excessively compact the soil.

The final layer of backfilling should not be consolidated, but should be of a sufficient depth to allow for settlement and mulching. Refer to BS 8545: 2014 - 'Trees: from nursery to independence in the landscape - Recommendations' for details on tree planting.

Tree Staking

Tree staking is to be Long Double Staking for Heavy Standard Trees with stakes driven vertically to a minimum of 300mm into bottom of pit before planting.

Short triple stakes to be used for Multistem Trees. Backfilling should seek to consolidate material around stakes.

The stake shall extend above ground level to a maximum 600mm for long stakes, and 300 mm for short. The tree shall be tied firmly but not rigidly to the stakes with adjustable ties, ties secured in place with a 25 mm long galvanised clout nail.

Planting in General:

Root system should be wetted prior to planting.

Depth: The root flare of the newly planted tree should be clearly visible at the soil surface; it should not be buried by excess soil or mulch. Allowance should be made for settling of the soil after planting (ca. 10%).

The rootball or root-stem transition should be level with the existing host soil or surface. Topsoil should not be used below the depth of the original topsoil layer.

Backfill to be added gradually, in layers of 150 mm depth, ensuring the tree is held upright. At each stage firm the fill in to eliminate all air pockets under and around the root system; care should be taken not to excessively compact the soil.

The final layer of backfilling should not be consolidated, but should be of a sufficient depth to allow for settlement and mulching.

Immediately after planting, the tree pit to be saturated to field capacity.

Mulching

Depth: 75 mm.

The root flare and the base of the stem to be maintained free from mulch. Plants to be irrigated before mulch is applied.

Soil requirements for Proposed Planting Areas:

• Topsoil: Site sourced or Imported Topsoil. Imported Topsoil to be Multi-Purpose Topsoil to BS 3882:2015. Site sourced topsoil to be tested and certified to achieve BS 3882: 2015 Specification for Topsoil.

• All proposed wildflower grassland areas to be minimum 300mm depth subsoil overlain with a minimum of 150mm depth of Low Fertility Specific-Purpose Topsoil to BS 3882: 2015 and certified by a Soil Scientist.

Soil depth for each planting areas:

• Trees: min. 900 mm rooting depth made up from 300 mm topsoil and 600 mm subsoil.

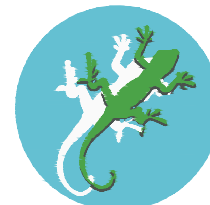
• Shrubs and herbaceous perennials: min. 600 mm rooting depth required, with 300 mm topsoil and 300 mm subsoil.

• Amenity grassland: min. 450 mm rooting depth, made up from 150 mm topsoil and 300 mm subsoil.

• Flowering lawn: 150 mm Specific-purpose low-fertility topsoil laid over min. 300 mm subsoil or 450 mm subsoil with no fertile topsoil to provide a total 450 mm rooting depth.

FINAL

Rev	Description	Date	Initials
C01	Construction Issue	05.07.23	SL
P03	Issued for Tender	22.07.22	SL
P02	Issued for Tender	08.07.22	SL
P01	Issued for Planning	07.03.22	SL



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Client
Barnes Construction
Project Title and Location
Ellenor Hospice, Phase 1
Coldharbour Road, Northfleet

Drawing Title
Detailed Planting Plan

Scale
1:100@A1

Drawn
SL

Approved
KM

Date
07.03.22

Drawing No
EH001-LLD-ZZ-XX-DG-L-202

Revision
C01

Detailed Planting Plan Ellenor Hospice, Coldharbour Road, Northfleet