

## LEGEND

## SOFT LANDSCAPE

## EXISTING TREES &amp; VEGETATION

- Existing Trees to be Retained**  
To be protected in accordance with BS 5837:2012 'Trees in relation to Design, Demolition and Construction'
- Existing Vegetation to be retained**  
Existing vegetation to be cut back from roads/pathways as appropriate to allow clear routes through the site
- NOTES:** Refer to FPCR arboricultural survey & report for details

Note: No dig construction to be carried out in any location where construction is within RPA of existing trees. Refer to Arboriculturalist's drawings & reports for further details

## PROPOSED PLANTING

- Proposed Woodland Planting**  
Product: Bare root stock  
Size/Spec: Refer to plant schedule for details
- Proposed Native Scrub Planting**  
Product: Bare root stock  
Size/Spec: Refer to plant schedule for details
- Proposed Tree Planting**  
Size/Spec: Refer to plant schedule for details  
Note: Final location of trees to be determined with services alignment. Fruit trees to be sourced from local suppliers, such as Southern Fruit Trees (www.southernfruittrees.co.uk), Blackmoor (www.blackmoor.co.uk) or similar and approved.

- Proposed Shrub Planting**  
Product: Container grown plant stock  
Size/Spec: Refer to plant schedule for details
- Proposed Single Species Hedge Planting**  
Product: Container grown plant stock  
Size/Spec: Refer to plant schedule for details
- Proposed Mixed Native Hedge Planting**  
Product: Field grown plant stock  
Size/Spec: Double staggered row; refer to plant schedule for details

- Proposed Climbing Shrub Planting**  
Product: Container grown plant stock  
Size/Spec: Refer to plant schedule  
Supplier: Local source to be approved

Note: All batches of species are to be labeled prior to delivery

- Grass Type 1 - Proposed Turf**  
Product: WFT-Species-Rich-26 Species Rich Lawn Turf  
Supplier: Wildflower Turf or similar approved

- Grass Type 2a - Close-mown Amenity Grass**  
Product: WFT-G20 Eco Species Rich Lawn Mixture  
Supplier: Germinal Seeds or similar approved

- Grass Type 2b - Long Sward Amenity Grass**  
Product: WFT-G20 Eco Species Rich Lawn Mixture  
Supplier: Germinal Seeds or similar approved

- Grass Type 3: Meadow Grass**  
Product: EM2 Standard General Purpose Meadow Mixture  
Supplier: Emorsgate Seeds or similar approved

- Grass Type 4: Proposed Wetland Mixture**  
Spec: EM20 Meadow Mixture for Wetlands  
Supplier: Emorsgate Seeds or similar approved

- Close Mown Strip To Meadow Edge**

- Private Garden**  
To be cleared and graded, or cleared and turfed as per developer specification

## HARD LANDSCAPE

- PAVING TYPE**  
PT1 Paving Type 1 - Self Binding Gravel  
To Engineer's Specification

- PT2 Paving Type 1 - Safety Surfacing**  
Product: Resin bound mulch

## EDGING TYPES

- ET1 Edging Type 1 - Timber Edging**  
To Engineer's Specification

## BOUNDARY TYPES

- BT1 Boundary Type 1 - Cleft Chestnut Post and Rail Fence**  
Product: Treated softwood post and 3 horizontal bar fencing  
Height: 1200mm high

- BT2 Boundary Type 2 - Estate Railings**  
Product: Black vertical metal bar estate railings  
Height: 1200mm high

- G1 Gate 1 - Self Closing Timber Pedestrian Gate**  
To match BT1

- G2 Gate 2 - Self Closing Timber Pedestrian Gate with Lockable Maintenance Leaf**  
To match BT1

## FURNITURE

- FT1 Furniture Type 1 - Timber Seat with Backrest**  
Size: 2000mm(l) x 340mm(d) x 450mm(h)

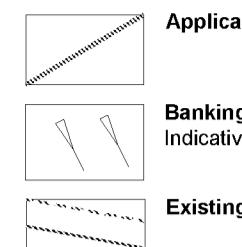
- FT2 Furniture Type 2 - Lidded Litter Bin**

- FT3 Furniture Type 3 - Timber Bollard**  
Size/Colour: 500 mm (h, above ground) x 200mm (l) x 200mm (d)

- FT4 Furniture Type 4 - Cycle Stand**  
Size/Colour: 1000mm (l) x 825mm (h) x 60mm (d) / Mild steel brushed satin finish

- FT5 Furniture Type 6 - Timber Picnic Bench**  
Size: 2000mm (l) x 730mm (d) x 780mm (h)

## OTHER



## TRIM TRAIL EQUIPMENT

- TT1 Trim Trail Equipment 1 - Outdoor Pull Up Station**  
Playequip or equal and approved

- TT2 Trim Trail Equipment 2 - Sit-Up and Leg Raise Benches**  
Supplied and installed with 2 parallel benches only: Playequip or equal and approved

- TT3 Trim Trail Equipment 3 - Step-up Steps**  
Playequip or equal and approved

- TT4 Trim Trail Equipment 4 - Outdoor Balance Beam**  
Playequip or equal and approved

- TT5 Trim Trail Equipment 5 - Monkey Bar Gym**  
Playequip or equal and approved

## INDICATIVE PLANTING SCHEDULE

## PROPOSED TREES

| Species                              | Pot Size | Girth         | Height               | Specification                            | Qty. |
|--------------------------------------|----------|---------------|----------------------|--|------|
| Acer campestre 'Elspink'             | RB       | 14-16cm       | Extra Heavy Standard | Clear Stem min. 200cm: RB                | 49   |
| Acer campestre                       | RB       | 14-16cm       | Extra Heavy Standard | Clear Stem min. 200cm: RB                | 16   |
| Alnus glutinosa                      | RB       | 18-20cm       | Advanced             | Nursery Stock: Clear Stem 175-200cm: RB  | 7    |
| Betula nigra                         | RB       | 14-16cm       | Extra Heavy Standard | Clear Stem 175-200cm: RB                 | 28   |
| Betula pendula                       | RB       | 16-18cm       | Advanced             | Nursery Stock: Clear Stem 175-200cm: RB  | 28   |
| Cercis canadensis 'Forest Pansy'     | C45      | 10-12cm       | Selected Standard    | Clear Stem 175-200cm: Containerised      | 5    |
| Corylus avellana                     | RB       | 12-14cm       | Multi-Stem           | Heavy Standard Clear Stem 175-200cm: RB  | 23   |
| Crataegus monogyna                   | RB       | 12-14cm       | Multi-Stem           | Clear Stem min. 200cm: RB                | 5    |
| Hoparia sexstylosa                   | C15      | 2-2.5m        | Feather              | Bushy, Single stem: Containerised        | 7    |
| Liquidambar styraciflua 'Worplesdon' | RB       | 20-25cm       | Extra Heavy Standard | Clear Stem min. 200cm: RB                | 1    |
| Liquidambar styraciflua 'Worplesdon' | RB       | 16-18cm       | Advanced             | Nursery Stock: Clear Stem min. 200cm: RB | 8    |
| Magnolia stellata                    | RB       | 12-14cm       | Multi-Stem           | Min 5 stems: RB                          | 12   |
| Malus 'Evereste'                     | RB       | 12-14cm       | 2-0.2.5m             | Multi-Stemmed: Min 5 stems: RB           | 1    |
| Prunus avium                         | RB       | 16-18cm       | Advanced             | Nursery Stock: Clear Stem min. 200cm: RB | 10   |
| Prunus mackii                        | RB       | 16-18cm       | Advanced             | Nursery Stock: Clear Stem min. 200cm: RB | 6    |
| Prunus yedoensis                     | RB       | 16-20cm girth | Advanced             | Nursery Stock: Clear Stem min. 200cm: RB | 5    |
| Quercus robur                        | RB       | 16-18cm       | Advanced             | Nursery Stock: Clear Stem min. 200cm: RB | 14   |
| Salix caprea                         | RB       | 2-5.3m        | Multi-Stem           | Min 5 stems: RB                          | 12   |
| Salix fragilis                       | RB       | 2-5.3m        | Multi-Stem           | Min 5 stems: RB                          | 4    |
| Ulmus 'New Horizon'                  | RB       | 16-18cm       | Advanced             | Nursery Stock: Clear Stem min. 200cm: RB | 17   |

## GENERAL SPECIFICATION NOTES

## Proposed Tree Planting: Nursery Stock and Selection

All planting should comply with the requirements specified in BS 3936:1992 'Nursery Stock' (Part One). All nursery stock and trees are to be free of pest and diseases prior to being delivered to site. The specification of trees and shrubs to be planted should be in accordance with the specification set out in the requirements and guidelines in BS 3936:1992 or in accordance with the landscape architect's drawings.

If a particular defect or substandard element can be corrected easily, appropriate remedies shall be applied and agreed with the landscape architect. If destructive inspection of a root ball is to be carried out, agreement should be in place prior to as to the time and place of inspection. Inspection of shrub roots in containers or rootball can be carried out on site if required.

BS 8545:2014 Trees: from nursery to independence in the landscape, is a new British Standard to assist people involved in resourcing, producing, planting and managing new trees in the landscape. A process for planting young trees that will result in them achieving 'independence in the landscape'. This means that trees are healthy and have every chance of survival

## Proposed Ornamental Shrub / Perennial Planting

To be planted in a minimum of 300mm depth approved topsoil to BS 3882: 2015 'Multipurpose' in the first available planting season after construction.

All shrubs are to be planted as container stock unless otherwise specified (5 or 10 litre), all stock is to be returned into the container.

All shrubs are to be planted with a slow release organic fertilizer (vitax or similar approved) and backfilled with a mixture of excavated top soil and compost (not peat based). A minimum of 50 mm approved ornamental grade bark mulch is to be applied to planting areas unless stated otherwise.

## Tree Handling

It is recommended that companies that do not have experience with handling large trees or the required equipment to do so seek advice from the landscape architect or tree supplier. Furthermore, specialist hauliers are to be used who will have the correct lifting equipment to deal with unloading large trees.

The landscape contractor must follow the industry guidance method for handling trees. Below are recommended industry standards.

## Tree Dimensions

Dormant tree sizes of 12-16cm:

These can be lifted and unloaded using a root hook and hoist. Even when the tree is dormant it is recommended to wrap the stem in hessian for additional protection when unloading maintaining the lifting weight on the root hooks.

## Dormant tree sizes of 16-20cm - 25-30cm:

These can be lifted and unloaded using a 3 tonne sling in combination with a chain and root hooks. Even when the tree is dormant it is recommended to wrap the stem in hessian for additional protection when unloading.

## Tree Planting

To be planted in a minimum of 300mm depth approved topsoil to BS 3882: 2015 'Multipurpose' in the first available planting season after construction.

All shrubs are to be planted as container stock unless otherwise specified (5 litre), all stock is to be returned into the container.

All shrubs are to be planted with a slow release organic fertilizer (vitax or similar approved) and backfilled with a mixture of excavated top soil and compost (not peat based). A minimum of 50 mm approved ornamental grade bark mulch is to be applied to planting areas unless stated otherwise.

## Proposed Climbing Plants

To be planted in a minimum of 300mm depth approved topsoil to BS 3882: 2015 'Multipurpose' in the first available planting season after construction.

All climbing plants are to be planted as container stock unless otherwise specified, all stock is to be returned into the container.

All climbing plants are to be planted with a slow release organic fertilizer (vitax or similar approved) and backfilled with a mixture of excavated top soil and compost (not peat based). A minimum of 50 mm approved ornamental grade bark mulch is to be applied to planting areas unless stated otherwise.

## Tree Planting

All trees are to be planted in the first available planting season after construction as root ball stock unless otherwise specified and agreed with the client. All tree pits are to be excavated 24 hours prior to delivery to reduce the time the rootball is out of the ground. All tree pits are to be excavated under favourable weather conditions to avoid deterioration of the soil structure and glazing. All excavations are to be carried out using a toothed bucket ensuring tree pits are not glazed, the walls of the tree pit can also be loosened with hand held tools.

Tree pit dimensions are subject to soil conditions and rootball size. Tree pits can never be excavated to a wider unrooted space (open ground), however they can be too deep. All trees are to be planted at the correct height which is the same depth as the tree was growing in the soil. The rootball should be returned to the soil as soon as possible after excavation. All tree pits are to be backfilled to be required for trees planted in a hard landscape environment. They are only required for the first two years after which they are superfluous. All irrigation pipes are to be placed as high as possible not at the base of the rootball. The tree would also benefit from an earth reservoir around the rootball on the surface to aid watering. The reservoir is best backfilled with bark mulch to avoid soil glazing on the surface.

Not: Trees may sink after planting due to soil settlement. With sandy soils generally there will be a settlement of 10% and clay soils 20%, this will need to be considered by the landscape contractor when planting and therefore the tree may need to be planted slightly higher to accommodate soil settlement.

Not: Never excavate deeper than the highest water table to ensure organic matter does not come in contact with the soil. This will cause organic matter to decompose and cause acidic digestion within the soil.

All hessian and wire supports around the rootball are to remain in place when planting (in some case it may be required to loosen the hessian and wire), the hessian will quickly decompose. The wire will oxidize and also disappear in the soil eventually.

Trees planted within hard landscape areas are to have tree grilles and guards where specified. Subterranean cultural product is to be used to ensure the tree has a minimum of 3m growing area. Type and manufacture is to be agreed with the client and landscape architect prior to installation.

Trees are to be supported either by high anchoring, low anchoring or underground anchoring systems. The type of anchoring system is to be agreed with the landscape architect and detailed within the specification for trees. For trees that are 10-12cm use 1m untreated softwood stake at min 10cm diameter driven into the soil at 45° to the vertical, 10-12cm use 2m untreated softwood stakes at min 10cm diameter driven into the ground at least 1m depth with horizontal bracing bar. Trees >25-30cm use 3m stakes in a triangle around the tree (1.4m above ground level) with horizontal bracing bars, tree bands are to be secured to the posts with galvanised rails.

Underground anchoring systems are to be used for large compact rootballs or trees within hard landscape areas to be agreed with the landscape architect. Biodegradable anchoring straps are to be used to ensure the straps do not grow into the trunk.

All new planting to be protected from mammal grazing by individual guards or stock proof fencing.

If planting is to be carried out outside the growing season, all bare root / rootball stock is to be substituted with containerised stock. Specification to be agreed with Landscape Architect prior to ordering and implementation.

## Maintenance Notes - Overview

All landscaped areas are to be maintained for 24 months following practical completion (or other period as instructed) or until the plants have established, all tree planting to be maintained for 36 months (or other period as instructed).

All planted areas are to be kept clear of weeds at all times throughout maintenance period.

All planted areas are to be forked through to keep soil loose and aerated.

All litter and debris to be removed from landscaped areas and carted off site.

Plants pruned as instructed by the Landscape Contractor to promote healthy growth and to remove dead and diseased wood.

Watering as required to maintain healthy growth.

Any species that dies or fails to establish in the first five years should be replaced by