## PLANTING NOTES

**1**. Plant material to conform to the National Plant Specification. All plant stock to originate from within the UK. Plant handling and planting operations to be in accordance with HTA 'Handling and Establishing Landscape Plants', (Parts I- III).
**2**. Topsoil to be fertile with maximum 35% clay content and 5% minimum organic content, pH 5.8 - 7.5 and to be free of perennial weeds, weed seeds and contamination. Maximum stone content 20% (20mm-i- particle size), maximum size of stones 50mm in any direction.
- Existing topsoil to be ameliorated and/or screened, if necessary; to achieve this specification.
- Imported topsoil to be to BS 3882: Multi Purpose Grade, from an approved source, and to accord with the above specification.
**3**. Cultivation of all planting areas within the root protection areas of existing trees beneath the canopies of existing trees is to be undertaken by hand using hand held tools only, taking care to avoid ground compaction or damage to tree roots. The use of tracked or wheeled machinery (including rotovators), must not be used and any time. Levels must not be raised (particularly by the addition / spreading of topsoil associated with any turfing or grass seeding works) or lowered, in any way unless specially approved by the Local Authority.

**TREES:**

**4**. Heavy Standard and Standard trees to be planted in pits 1500 x 1500 x 600mm depth backfilled with topsoil mixed with 80 litres of peat free organic tree planting compost and 125g 'Sierrablen Flora' slow release fertiliser, supported by 1 no. 100mm x 3000mm softwood timber stake and 1 No. adjustable tree tie.
**5**. All trees are to be fitted with 'Greenleaf "Root-rain Urban" irrigation pipe and inlet, or similar approved, size as appropriate. All trees within 3m of existing or proposed footpaths or hard surfaced areas are to be planted with tree root barriers e.g. 'Greenleaf' Root 600 / 1000 placed between the tree and footpath / hard surfaced area. Root barrier to be 300mm deep adjoining hard surfaces but full depth adjoining services.
**6**. No trees are to be planted within 3m of sewers or services (or other easement recommended by the relevant statutory undertaker) without the use of tree root barriers, e.g. 'Greenleaf' Reroot 600 /100 placed between the tree and services. The Contractor is to ascertain the location of all sewers and services prior to carrying out any tree planting.

**PLANTING BEDS:**

**7**. Planting beds to have a minimum depth of 450mm topsoil over 150mm broken up ground with all stones over 50mm removed. Soil conditioner: Sanitized and stabilised compost to BSI PAS 100. Apply 50mm depth even coverage and incorporate into topsoil during cultivation operations, to a minimum depth of 150mm. Compost to be Compost Association certified, or from an approved supplier conforming to this specification. If no local supplies are available alternative organic peat free compost may be specified, subject to the Landscape Architect's approval.
**8**. Hedgerow plants to be planted in pits 150mm wider and deeper than root spread backfilled with excavated topsoil/compost, mixed with 'Sierrablen Flora' slow release fertiliser, quantity in accordance with manufacturer's recommendations. Hedge plants to be planted in staggered rows 500 mm apart at centres specified in schedule.
**9**. All planting beds (apart from marginal plants) to be mulched with matured coniferous bark, with an even particle size between 15 - 65mm, to a minimum depth of 75mm over weed free soil after completion of all planting and watering operations. Bark mulch is to be free from pests, diseases, fungus and weeds; and with no fines or dust. Source and sample of bark mulch to be approved.

**GRASS AREAS**

**10**. Grass areas are to have a minimum depth of 150mm topsoil brought to a fine tilth all stones over 40mm (25mm for lawns), in any direction removed. Areas should be uniformly firmed. Apply pre-seeding fertiliser (e.g. British Seed Houses BSH2), prior to grass seeding, in accordance with manufacturer's recommendations. Do not apply to wildflower areas.
-Grass seed mix to general areas to be BSH A19 mix, sown at a rate of 20g/msq in equal sowing in transverse directions.
-Turf to be good quality lawn turves, to conform to BS 3936: 1998, free from undesirable grasses and weeds. Turfing operations to be carried out in accordance with the NBS Landscape Specification, Q30 - Seeding/Turfing, Clauses 430 and 440, the dressing to joints to be finely screened compost sand / topsoil.

**ONGOING MANAGEMENT AND MAINTENANCE NOTES:**

**1.** Maintenance operations to be carried out as specified until planting becomes established (year 5 after planting).
**2**. Trees - Check stakes and ties and adjust if necessary in summer and winter. Remove stakes when no longer required, i.e. after 3 years. Prune out damaged branches or deadwood, cutting back so as not to affect branch collar. Progressively raise canopies of new trees to provide clearance for vehicles and pedestrians.
**3**. Shrubs - Weed control measures to continue until canopy of shrubs is closed. Weeds are to be cleared by hand or by application of translocated herbicide, with inspections made regularly through the growing season. Prune back any badly damaged shrubs to sound growth. Cut back plants adjacent to paths and access ways where necessary, retaining a balanced shape. Clear litter and debris from planted areas and cut leggy growth hard back to promote bushy growth.
**4**. Watering – Trees to be watered on weekly basis during growing season (April – October) at rate of 20L/tree for 8-10cm girth trees and 35L/tree for 14-16 cm girth trees at each operation for first two years. Watering to be from above and via pipe to ensure soaking of ground. After which, during periods of dry weather apply sufficient water to maintain healthy growth. Allow 10L/m2 to planting beds and 25L/tree at each operation.
**5**. Refirming - Ensure that all trees and shrubs are firmly bedded in the ground after strong winds, frost heave or other disturbances.
**6**. Protection/Reinstatement - Regularly inspect all planting and grassed areas, e.g. once a month, for any pest damage or vandalism/damage caused by others. Any damaged to be reported to the Employer and rectified in the next available season by replacement planting or reseeding/ turfing and protective measures if required.




## PLANTING SCHEDULE

| TREE PLANTING | | | | |
|---|---|---|---|---|
| Abbr. | Species | Girth/Size (cm) | | Centres |
| BEJ | Betula utilis jacquemontii 'Jermyns' | Std | 8 - 10 cm | As shown |
| SAL | Sorbus aria 'Lutescens' | H' Std | 14 – 16 cm | As Shown |
| SAM | Sorbus aria 'Majestica' | Std | 8 – 10 cm | As shown |
| SAS | Sorbus aucuparia 'Sheerwater Seedling' | H'Std | 14 – 16 cm | As Shown |
| | | | | |
| **SHRUBS / HERBACEOUS/GROUND COVER PLANTING** | | | | |
| Abbr. | Species | Type/Size (cm) | | Centres |
| COT | Cotoneaster franchetii | 3L Pot | 60-80 cm | 750 |
| EFD | Euonymus fortunei 'Darts Blanket' | 2L Pot | 20-30 cm | 500 |
| EFS | Euonymus fortunei 'Silver Queen' | 2L Pot | 20-30 cm | 500 |
| FOL | Forsythia x intermedia 'Lynwood' | 3L Pot | 40-60 cm | 750 |
| HGO | Hebe 'Great Orme' | 3l Pot | 30-40 cm | 600 |
| HHX | Hedera helix | 1L Pot | 20-30 cm | 450 |
| LAV | Lavandula angustifolia 'Hidcote' | 2L Pot | 20-30 cm | 500 |
| PFR | Photonia x fraseri 'Red Robin' | 5L Pot | 60-80 cm | 750 |
| VBK | Viburnum x burkwoodii | 5L Pot | 60-80 cm | 750 |
| | | | | |
| **NATIVE HEDGE PLANTING** (Infill planting- planted in 2 staggered rows 500mm apart) | | | | |
| Abbr. | Abbr. | Abbr. | | Abbr. |
| NHP | Acer campestre | 1 + 1 Br | 60 – 80 cm | 500 |
| | Corylus avellana | 1 + 1 Br | 60 -80 cm | 500 |
| | Crataegus monogyna | 1 + 1 Br | 45 – 60 cm | 500 |
| | Rosa canina | 1 + 1 Br | 30 – 45 cm | 500 |
| | Prunus spinosa | 1 + 1 Br | 45 – 60 cm | 500 |
| | | | | |
| **HEDGE PLANTING** – planted at staggered centres 50 cm apart | | | | |
| Abbr. | Abbr. | Abbr. | | Abbr. |
| ERH | Escallonia 'Red Hedger' | 3L Pot | 40-60 cm | 500 |
| | | | | |
| NOTE: | | | | |
| H' Std | = Heavy Standard Tree stock | | | |
| Std | = Standard Tree stock | | | |
| Pot | = Container grown plants | | | |
| Br | = Bare root plants | | | |

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| Revision | Date | Initial |
|---|---|---|
| A – Minor revision to watering spec as requested by LPA | 06/04/2020 | DHW |

## LEGEND

PROPOSED TREE PLANTING

PROPOSED SHRUB / GROUND COVER PLANTING

PROPOSED HEDGEROW PLANTING

PROPOSED GRASSED AREAS

Project:

**DEVELOPMENT AT 470 – 478 OXFORD ROAD, READING RG30 1EF**

Drawing Title:

**LANDSCAPE PROPOSALS PLAN**

Status: **PLANNING**

| Date: | Scale: | Drawn by: |
|---|---|---|
| 14-02-2019 | 1:200 @ A2 size | DHW |
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