

1. Plant material to conform to the National Plant Specification. All plant stock to originate from within the UK. All plant stock, plant handling and planting to be undertaken in accordance with the following British Standard Specifications and Codes of Practice:
 - a) BS 3936:1992 Part 1 Nursery Stock – Specification for trees and shrubs;
 - b) BS 3936:1998 Part 10 Nursery Stock – Specification for ground cover plants;
 - c) BS 2826:1989 Code of Practice for General Landscape Operations (excluding hard surfaces);
 - d) BS8545:2014 – Trees from Nursery to Independence in the landscape – Recommendations; and
 - e) The Code of Practice 2002 (HTA).

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- $\bar{1}$ 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 handheld 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.

4. Trees to be planted at correct depth in square pits 2 to 3 times width of root ball / root spread and at shallow depth same as depth of root ball / root spread with spiked bottom full depth of fork (but not cultivated) to relieve any compaction and assist drainage backfilled with local topsoil and if required, mixed with peat free organic tree planting compost and slow release fertiliser. Trees to be supported by 1 no. 100mm x 3000mm softwood timber stake and 1 No. adjustable tree tie

5. As appropriate, all trees are to be fitted with 'Greenleaf "Root-rain Urban" irrigation pipe and inlet, or similar approved, sized as appropriate to aid watering operations.

6. The Contractor is to ascertain the location of all sewers and services prior to carrying out any tree planting to avoid these routes or existing services.

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 'Sierrablén 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.

10. Grass areas are to have a minimum depth of 150mm topsoil brought to a fine till all stones over 40mm (25mm for lawns), in any direction removed. Areas shall be uniformly firmed. Apply pre-seeding fertiliser (e.g. British Seed Houses BS2H), prior to grass seeding, in accordance with manufacturer's recommendations. Do not apply to wildflower areas.

- Grass seed mix to rear garden areas to be: GSS Cottage Lawn with clover mix, sown at a rate of 23g/m² or 5g per equal area of lawn. Transverse directions.

- Grass seed mix to rear quality lawns 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.

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) for first two years. Watering to be from above and via pipe to ensure soaking of ground until field capacity of the soils is reached. After which, during periods of dry weather apply sufficient water to maintain healthy growth. Allow, at each operation, watering to field capacity.

5. Re-firming - 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.

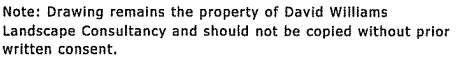
TREE PLANTING			
Abbr.	Species	Girth/Size (cm)	Centres
ACC	Acer campestre 'Streetwise'	H' Std 12 – 14 cm	As Shown
STO	Sorbus torminalis	Std 8 – 10 cm	As Shown
TLG	Tilia cordata 'Greenspire' - Pleached	Ex H Std 14 – 16 cm	As Shown

LARGE / SPECIMEN SHRUB PLANTING			
Abbr.	Species	Girth/Size (cm)	Centres
COT	Cotinus coggygria 'Royal Purple'	5-7.5L Pot 40 – 60 cm	As Shown
PTS	Phormium tenax 'Sundowner'	10L Pot Clump	As shown

AML	Type/Size	Chfr	Ceffrns
ALM	<i>Alchemilla mollis</i>	3-Lt Pot	20 – 30 cm
ASL	<i>Cornus alba</i> 'Sibirica Variegata'	3-Lt Pot	60 – 80 cm
EFD	<i>Euonymus fortunei</i> 'Darts Blanket'	2Lt Pot	20 – 30 cm
EFS	<i>Euonymus fortunei</i> 'Silver Queen'	2Lt Pot	20 – 30 cm
GJB	<i>Geranium 'Johnsons Blue'</i>	0.5Lt Pot	Clump
HME	<i>Hebe 'Majorie'</i>	3Lt Pot	30 – 40 cm
HHS	<i>Hedera helix 'Glacier'</i>	1Lt Pot	20 – 30 cm
OP	<i>Loniceria nelsoni</i>	3Lt Pot	50 cm
PRR	<i>Photinia x fraseri</i> 'Red Robin'	5Lt Pot	60 – 80 cm
SYM	<i>Symphoricarpos x chenaultii</i> 'Hancock'	2Lt Pot	40 – 60 cm
VID	<i>Viburnum davidii</i>	3Lt Pot	20 – 30 cm

NATIVE SHRUB / HEDGE PLANTING		Planted at staggered centres 500mm apart			
Abbr.	Species	%	Type / Size (cm)	Centres	
NHP	<i>Acer campestre</i>	10	1 + 0 Br	40 – 60 cm	500
	<i>Cornus sanguinea</i>	10	1 + 1 Br	60 – 80 cm	500
	<i>Corylus avellana</i>	20	1 + 1 Br	60 – 80 cm	500
	<i>Crataegus monogyna</i>	30	1 + 0 Br	40 – 60 cm	500
	<i>Eunonymus europaeus</i>	10	1 + 1 Br	50 – 60 cm	500
	<i>Lonchocarpus periclymenum</i>	2	2L Pot	25 – 30 cm	500
	<i>Rosa canina</i>	40	1 + 1 Br	60 – 80 cm	500
	<i>Viburnum opulus</i>	10	1 + 1 Br	40 – 60 cm	500

H' Std	= Heavy Standard Tree stock
Std	= Standard Tree stock
Pot	= Container grown plants
BR	= Bare Rooted / Bagged plants
TS 1+1	= Transplant / Yards



Revision	Date	Initial

	EXISTING VEGETATION RETAINED
	PROPOSED TREE PLANTING
	PROPOSED PLEACHED TREE PLANTING
	SPECIMEN SHRUB PLANTING
	PROPOSED SHRUB PLANTING
	PROPOSED HEDGEROW PLANTING
	PROPOSED GRASSED AREAS
	DRAINAGE AND SERVICE ROUTES

Project:

**PROPOSED DEVELOPMENT AT No.71 OAK
TREE ROAD, READING, BERKSHIRE
RG31 6LA**

Drawing Title:

Status: PLANNING

Date:

Date: 20-07-2022
Project No: 0456
Scale: 1:200 @ A1 size
1:400 @ A3 size
Drawing No: L2
Drawn by: DHW
Revision:

Project No:
0456

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