

PLANTING NOTES

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:

- BS 3936:1992 Part1 Nursery Stock – Specification for trees and shrubs;
- BS 3936:1981 Part10 Nursery Stock – Specification for ground cover plants;
- BS 4428:1989 Code of Practice for General Landscape Operations (excluding hard surfaces);
- BS8545:2014 – Trees from Nursery to Independence in the landscape – Recommendations; and
- 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+ 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.

TREES:

4. Refer to Tree Pit details for use of Deep Root Urban Solutions 'Silva Cell' crated pits in hard areas. In soft areas trees to be planted at correct depth in square pits minimum 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 2 no. 100mm x 3000mm softwood timber stake and 2 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.

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 '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.

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 rear garden areas to be: G55 Cottage Lawn with micro clover mix, sown at a rate of 23g/m sq 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) 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.

PLANTING SCHEDULE

TREE PLANTING				
Abbr.	Species	Girth/Size (cm)		Centres
ACC	Acer campestre 'Streetwise'	H' Std	12 – 14 cm	As Shown
BTJ	Betula utilis 'Jacquemontii'	Std	10 – 12 cm	As Shown
MAG	Magnolia grandiflora	Std	10 – 12 cm	As Shown
STO	Sorbus torminalis	Std	8 – 10 cm	As Shown

LARGE / SPECIMEN SHRUB PLANTING				
Abbr.	Species	Girth/Size (cm)		Centres
MAS	Magnolia stellata 'Royal Star'	10 – 15L Pot	50 – 60 cm	As Shown

SHRUBS / HERBACEOUS/GROUND COVER PLANTING				
Abbr.	Species	Type/Size (cm)		Centres
AGP	Agapanthus 'Gayles Lilac'	4L Pot	25 – 30 cm	300
ALM	Alchemilla mollis	3-4L Pot	20 – 30 cm	300
CAS	Cornus alba 'Sibirica Variegata'	3L Pot	60 – 80 cm	750
EFD	Euonymus fortunei 'Darts Blanket'	2L Pot	20 – 30 cm	450
FAS	Fagus sylvatica	TS 1 + 2	60 – 80 cm	600
GJB	Geranium 'Johnsons Blue'	1L Pot	25 – 30 cm	300
HEM	Hebe 'Majorie'	3L Pot	30 – 40 cm	600
HHG	Hedera helix 'Glacier'	1L Pot	20 – 30 cm	450
HEL	Helleborus argutifolius	4L Pot	25 – 30 cm	500
HEO	Helleborus orientalis	4L Pot	25 – 30 cm	500
LOP	Lonicera pileata	3L Pot	30 – 40 cm	500
PRR	Photinia x fraseri 'Red Robin'	5L Pot	60 – 80 cm	750
PRU	Prunus laurocerasus	3L Pot	60 – 80 cm	750
PRL	Prunus lusitanica	3L Pot	60 – 80 cm	750
RHE	Rhododendron 'Elizabeth'	3L Pot	30 – 40 cm	750
RHP	Rhododendron praecox	3L Pot	30 – 40 cm	750
RHY	Rhododendron 'Yellow Hammer'	5-7.5L Pot	30 – 40 cm	500
SAC	Sarcococca confusa	3L Pot	25 – 30 cm	750
SAH	Sarcococca humilis	2L Pot	15 – 20 cm	600
SJF	Spiraea japonica 'Firelight'	3L Pot	40 – 60 cm	500

VID	Viburnum davidii	3L Pot	20 – 30 cm	500
VIP	Viburnum plicatum tomentosum	3L Pot	30 – 40 cm	750
VIM	Vinca minor	2L Pot	10 – 15 cm	300

HEDGE PLANTING Planted at staggered centres 500mm apart				
BXS	Buxus sempervirens	3L Pot	30 – 40 cm	450
FAS	Fagus sylvatica	TS 1 + 2	60 – 80 cm	600
PCD	Prunus x cistena 'Crimson Dwarf'	3L Pot	30 – 40 cm	500

NATIVE SHRUB / HEDGE PLANTING Planted at staggered centres 500mm apart					
Abbr.	Species	%	Type / Size (cm)	Centres	
NHP	Acer campestre	10	1 + 0 Br	40 – 60 cm	500
	Cornus sanguinea	10	1 + 1 Br	60 – 80 cm	500
	Corvulus avellana	20	1 + 1 Br	40 – 60 cm	500
	Crataegus monogyna	30	1 + 0 Br	40 – 60 cm	500
	Euonymus europaeus	10	1 + 1 Br	50 – 60 cm	500
	Lonicera periclymenum	2	2L Pot	25 – 30 cm	500
	Rosa canina	8	1 + 1 Br	40 – 50 cm	500
	Viburnum opulus	10	1 + 1 Br	40 – 60 cm	500

BULB / FERN PLANTING				
ASP	Asplenium scolopendrium	1L Pot	Clump	300
ATH	Athyrium filix-femina	1L Pot	Clump	300
MAS	Matteuccia struthiopteris	4L Pot	Clump	500
POL	Polystichum 'Dahlem'	1L Pot	Clump	300

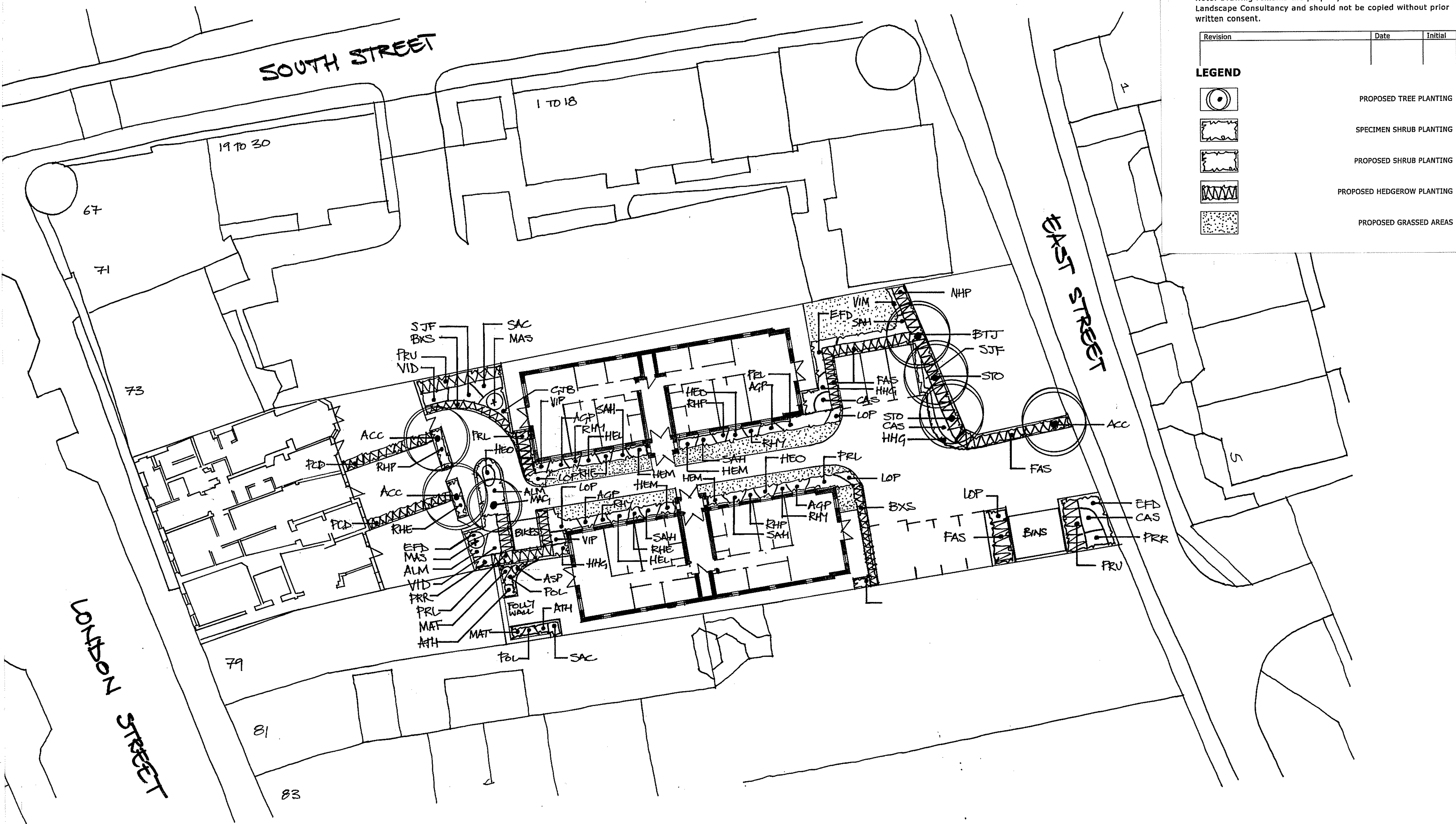
NOTE:	
H' Std	= Heavy Standard Tree stock
Std	= Standard Tree stock
Pot	= Container grown plants
BR	= Bare Rooted / Bagged plants
TS 1+1	= Transplant / Years

Note: Drawing remains the property of David Williams Landscape Consultancy and should not be copied without prior written consent.

Revision	Date	Initial

LEGEND

	PROPOSED TREE PLANTING
	SPECIMEN SHRUB PLANTING
	PROPOSED SHRUB PLANTING
	PROPOSED HEDGEROW PLANTING
	PROPOSED GRASSED AREAS



Project:

PROPOSED DEVELOPMENT AT 75-77 LONDON STREET, READING RG1 4QA

Drawing Title:

LANDSCAPE PROPOSALS PLAN

Status: **PLANNING**

Date: 01-03-2022

Scale: 1:200 @ A1 size
1:400 @ A3 size

Project No: **0452**

Drawing No: **L1**

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