

SPECIFICATION NOTES

SPECIFICATION NOTES - REFER ALSO TO THE MEASURED WORKS SCHEDULE

A) Setting out

1. Planting shall be set out exactly as shown on the drawing, and measured from existing fixed points. Curved beds and paths shall be set out from the ground using kerb pointed stakes and a line between or with site marker paint. The junction between convex and concave curves shall be cut to form a smooth curve. All planting shall be set out on the ground before any work is carried out, failure to do so will result in rejection of the work by the member of the contractor's expense.

2. All planting beds shall be a minimum of 1 metre wide, except where constraints of walls and path edges and their foundations, with narrow beds between walls/fences and path edges, ensure that the bed has space free from the bed is sealed with concrete, then the landscape contractor shall contact the site manager or landscape architect to determine the nature of any excessive or excessive drainage of the site. The width of all beds will be checked by the inspecting landscape architect and where the width is not as shown, the contractor shall rectify it at his own expense.

B) Ground preparation

1. Pre-planting herbicide application - Apply by suitable spraying apparatus, an approved agronomist or contractor. Instructions to and to 1997 Control of Pesticides Regulations and 2003 CSHH Regulations on all beds, except those which are both weed free and are to be immediately replanted. If any beds are presently more or less than 10 metres apart, they may be a delay before planting, or the area is to be seeded, spray after one month. All spraying shall be carried out by skilled and qualified operatives, using protective clothing, in suitable weather (no wind) and only after the contractor has been notified of the contractor's own cost. Repeat as necessary to ensure material kill and none off all dead material from site.

2. Carry out the following works to the existing topsoil on site to ensure it conforms to BS 3882:1994 being free from stones, all roots, wire, brick, and have less than 20% clay. Allow for pre-application of herbicide as above or 1.5 litres of 100% per meter square of Fenitrothion in accordance with the manufacturer's instructions. For beds less than 5 metres in width, fork over to a depth of 300mm, removing the top 100mm of soil. For beds greater than 5 metres in width, fork over to a depth of 300mm, removing the top 100mm of soil, and then use a straddle and topsoil, relieving any compaction. For beds greater than 3 metres in width, fork over to a depth of 300mm, removing the top 100mm of soil, and topsoil using a straddle and subsoiler or ripper at 500mm centres to a depth of 300mm, except where there are services, or within 10 metres of trees or structures. All areas of ground greater than 10m diameter are enclosed.

3. Determine before submitting a tender, the depth of the subsoiler and the depth of the topsoil. The final product conforms to the specification. The contractor shall be responsible for ensuring that the final product conforms to the specification. The contractor shall be responsible for ensuring that the final product conforms to the specification. The contractor shall be responsible for ensuring that the final product conforms to the specification.

4. For sloping areas to be turfed adjacent to paved areas, topsoil levels shall be set out on the ground, and a pavement level (or up to 10m below it) allow surface water to drain from paved areas to soft areas. Soil of grass areas should therefore never be proud 10 mm below pavement edges will cause minor damage on cutting.

5. Imported topsoil (where specified and up ground) shall conform to BS 3882:1994, and be free from rocks (over 50mm diameter), concrete, roots, wire and other debris. The contractor shall ensure that the soil is set out, alone, representative samples shall first be approved by the landscape architect before being

applied to site. No imported soil shall be supplied to site without a written instruction.

C) Planting

1. All planting must be carried out in accordance with the specification and these drawings. Refer to the specification for the preparation of existing topsoil and required depths for planting, turning, and standard requirements.

2. No substitutions will be accepted without the prior agreement of the contractor and replacement at once of his own cost. Any stock size, species or variety of plant which has not been specified on the planting plan and substitution by the landscape architect has been received. All plants shall be true to size specified in the schedule of plants and associated notes (CL All shrubs, other than ground cover), shall be 400-600mm height and spread, or otherwise specified for the pot size and the National Plant Specification. There shall be a minimum of 5 breaks per shrub. This specification is the minimum standard required for any stock for planting. The contractor shall have the option of the inspecting landscape architect shall be lifted and replaced at the contractor's expense.

3. All shrubs, herbaceous plants, vines and transplants shall be watered in on planting with 20 litres per shrub in 10 litres per vine. Watering shall be continued during the first 20 days after planting at weekly intervals with 20 litres of water.

4. Proposed large feathered or standard trees to be true to the species, variety and size as specified on the planting plan, to include 1.6m trees to be planted above ground and 1.0m trees to be planted below ground. The contractor shall be responsible for the cost of the tree from the top of the post.

5. Turf to be of cultivated grade such as to conform to BS 3882:1994, and similar quality and source, approved by the landscape architect. The contractor shall replace at once any turf rejected by the landscape architect at his own cost.

6. Self-clinging climbing shrubs or wall shrubs, with stems shall be trained in wire mesh, with 50mm spacing, and coated garden wire. Training wires shall be attached vertically to the wall/fence by means of 12mm long galvanized steel screw fittings. The contractor shall be responsible for the cost of the wire from the top of the post.

7. Training varieties of climber, with stems shall be trained in wire mesh, with 50mm spacing, and coated garden wire. Training wires shall be attached vertically to the wall/fence by means of 12mm long galvanized steel screw fittings. The contractor shall be responsible for the cost of the wire from the top of the post.

8. Climbers specified outside proposed shrub areas shall be trained in wire mesh, with 50mm spacing, and coated garden wire. Training wires shall be attached vertically to the wall/fence by means of 12mm long galvanized steel screw fittings. The contractor shall be responsible for the cost of the wire from the top of the post.

9. When specified by the additional specification, the contractor shall provide a minimum of 5 breaks per shrub. This specification is the minimum standard required for any stock for planting. The contractor shall have the option of the inspecting landscape architect shall be lifted and replaced at the contractor's expense.

below pavement or grass levels to avoid any spillage onto pavements or lawns. N.B. no substitution of mulch type will be acceptable. It is essential to have 50mm of mulch over the ground to reduce soil erosion and prevent rapid break down.

D) BS codes

1. All workmanship and materials shall conform to the following codes:-
 a) General (landscape surfaces) - BS 4408:1989
 b) Trees in relation to construction - BS 5837:2007 and BS 6549:1990
 c) Fertilizers and soil conditioners - BS 5938:2010 recommendations for three applications
 d) Agricultural Association Standard Conditions of Contract 1996
 e) Nursery stock in accordance with the National Plant Specification and National Plant Specification 2001.
 f) Plants shall conform to:
 - BS 3882:1994 Nursery Stock - Specifications for trees and shrubs
 - BS 3882:2:1994 Nursery Stock - Specifications for roses + AMO 6628
 - BS 3882:4:1994 Nursery Stock - Specifications for 1985 Nurseries
 - BS 3882:9:1998 Nursery Stock - Specifications for poplars and willows
 - BS 3882:10:1999 Nursery Stock - Specifications for fruit trees
 - BS 3882:11:1999 Nursery Stock - Specifications for fruit trees
 - BS 3882:12:1999 Nursery Stock - Specifications for fruit trees
 - BS 3882:13:1999 Nursery Stock - Specifications for fruit trees
 - BS 3882:14:1999 Nursery Stock - Specifications for fruit trees
 - BS 3882:15:1999 Nursery Stock - Specifications for fruit trees
 - BS 3882:16:1999 Nursery Stock - Specifications for fruit trees
 - BS 3882:17:1999 Nursery Stock - Specifications for fruit trees
 - BS 3882:18:1999 Nursery Stock - Specifications for fruit trees
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 - BS 3882:99:1999 Nursery Stock - Specifications for fruit trees
 - BS 3882:100:1999 Nursery Stock - Specifications for fruit trees

2. Top soil spread from on site should be to the following minimum depths:-
 a) Grass areas 150mm
 b) Paths 75mm
 c) Areas of 45mm of the subgrade for shrub beds to allow beds 60mm below finished pavement or grass areas in order to receive sheet and turf mulch, the region where sheet and turf pits will be dug by the landscape contractor. Top soil shall be spread thoroughly broken up and free graining before back filling with topsoil. Ensure no damage to foundations and services, and that the soil is not compacted. The contractor shall be responsible for the cost of the soil from the top of the post.

3. Existing topsoil and imported soil shall conform to BS 3882:1994, and be free from compaction, rocks/bricks greater than 50mm diameter, concrete, wire, roots, debris, oil, and have a clay content of less than 20%.

4. Handwork, unless otherwise agreed, shall be carried out by the developer or main contractor, and all materials

SCHEDULE OF PLANTS

STANDARD TREES

QTY	CODE	PLANT NAME	STOCK	SIZE	DFB	MAX HT	WD
1No.	Anc Rob	Ancient Yew 'Robin Hill'	D.G.	STD	10-12cm	6m	7m

HEAVY STANDARD TREES

QTY	CODE	PLANT NAME	STOCK	SIZE	DFB	MAX HT	WD
1No.	L10 ST+	Liquidambar styraciflua	R.B.	HVSTD	12-14cm	8m	6m

ORNAMENTAL HEDGE PLANTING

QTY	CODE	PLANT NAME	STOCK	SPACING	DFB
162No.	Lon pil	Lonicera pileata	C.G.	10L 3m	

PLANT MIXES

QTY	PLANT NAME	STOCK	SPACING	SIZE	DFB	MAX HT
9m2	GROUND COVER MIX A (individual species to be planted in groups of approx 3 or 5)					
3No.	Buddleja davidii	C.G.	3L	3m2		
6No.	Euroyonus 'Emerald & Gold'	C.G.	3L	3m2		
6No.	Lonicera pileata	C.G.	3L	3m2		
7No.	Rosmarinus officinalis 'Blue Boy'	C.G.	3L	3m2		
7No.	Carex pendula	C.G.	3L	3m2		

12m2	GROUND COVER MIX J (individual species to be planted in groups of approx 3 or 5)	STOCK	SPACING	SIZE	DFB	MAX HT
7No.	Lonicera pileata	C.G.	3L	3m2		
7No.	Euroyonus 'Emerald & Gold'	C.G.	3L	3m2		
7No.	Festuca glauca	C.G.	3L	3m2		
7No.	Lavandula angustifolia 'Hidcote'	C.G.	3L	3m2		
8No.	Ceanothus thyrsiflorus 'Repens'	C.G.	3L	3m2		

SEED MIXES

13m2 Area to be turfed ('Medallion' by Rowdown Ltd, refer to Measured Works Schedule)


NOTES AND ABBREVIATIONS:

- R.B. = Root-balled stock
- C.G. = Container grown stock
- D.G. = Deep ground stock, to be planted Nov 1st - March 1st
- FTH = Feathered tree
- STD = Standard tree
- HVSTD = Heavy Standard tree
- HWSTD = Extra Heavy Standard tree
- BLE = Broad Leaf Evergreen
- CDN = Conifer
- L = Lite container
- DFB = Distance from buildings' based on minimum building foundation depths
- Max Ht = 'Maximum Height' of tree
- WD = 'Water Demand' of tree
- SHC = Shrub Height Classification
- A = < 600mm mature height
- B = 600mm - 1.8m mature height
- C = > 1.8m mature height with low water demand and slow growth
- D = 1.8m - 3m mature height
- E = 3m - 5m mature height
- F = > 5m mature height

Note: Plants not classified within the JBA SHC are NOT designated as shrubs. JBA understands shrubs to be defined as those plants of perennial habit with woody stems.

-Girth size is given for standard trees, otherwise all sizes refer to height. All sizes are the minimums acceptable.
 -Shrubs specified as 3 lit are size shall be 400-600mm minimum height and spread.
 -These heights and spreads in relation to pot size are just a guide and the 'National Plant Specification' sizes will be accepted (but will be seen as the absolute minimum acceptable). Any shrub supplied which are smaller than this will be rejected at once.
 -Cormus varieties shall be twice transplanted and pruned to form bushy rounded plants. Leggy plants with few branches will be rejected, as will leggy plants which have been pruned hard. Plants will be completely hardened off, any plants which show signs of scorching after planting will be rejected.

REFER TO THE ACCOMPANYING MEASURED WORKS SCHEDULE DOCUMENT FOR MORE INFORMATION CHANGES TO SUPPLIERS/MANUFACTURERS ARE TO BE EQUAL AND APPROVED. SUBSTITUTIONS TO SHRUB/TREE VARIETIES ARE TO BE AGREED WITH JAMES BLAKE ASSOCIATES. DO NOT SCALE FROM THIS DRAWING. ALL DIMENSIONS TO BE CHECKED ON SITE



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SITE
KINGSMERE
BICESTER

DRAWING TITLE
 LAP DESIGN

DRAWING NO.
 SCHEDULES AND SPECIFICATIONS

DATE
 25/02/14

CHECKED/DATE
 KMA - 103

SCALE
 N/A

KEY
 A

Rev	Date	Details	By
A	17/04/14	AMENDMENTS IN ACCORDANCE WITH PLANNERS COMMENTS	AM

Drawings Authority Approval Date: _____
 Highway Authority Approval Date: _____

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