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 shall be set out using radii scribed on the ground using two 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 and even flowing line. Check that all setting out conforms to the plan before cultivation and planting works are carried out. Allow to do so. Any discrepancies shall be referred to the landscape architect and no enquiry for amendment at the contractor's expense.

2. All planting beds shall be a minimum of 1.metre wide, except where there is insufficient space, due to the constraints of walls and path edgings and their foundations. With narrow beds between walls/ fences and path edgings, ensure that the bed has space free from concrete footings before planting. When the bed is prepared and ready, contact the site manager or landscape architect to determine if footings are excessive and can be reduced or else, the bed can be paved. The width of all beds will be checked by the inspecting landscape architect and where the width is not as drawn, the contractor shall re-cultivate them to the specified width at his own expense.

B) Ground preparation

1. Pre-planting herbicide application – Apply by suitable spraying sparatus, an approved translocated systemic herbicide to the manufacturers instructions and to 1997 Control of Pesticides Regulations and 2003 COSHH regulations on all beds, except those which are both weed free and are to receive agrotextile sheet mulch. Spray immediately if any weeds are present, otherwise allow to distribute in the soil, delay before planting as the aim is to be seeing spray after one month following cultivation, to allow dormant seed to germinate. All spraying shall be carried out by skilled and qualified operatives, using protective clothing, in suitable weather (no wind) and any damage caused by spray drift, from incorrect usage or spillage, shall be rectified at the contractor's own cost. Repeat as necessary to ensure complete kill and wear 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 rocks larger than 50m diameter, concrete, all roots, wire, brick, and have less than 20% clay. Allow for pre-application of herbicide as above. Fertilise with 100g per meter square of Growmore or similar and mix in the fertiliser in accordance with the manufacturers instructions. For beds less than 5 metres in width, fork over thoroughly or machine rotovate soil to a depth of 300mm, ensuring that the subgrade and topsoil are completely broken up and free draining, relieving any compaction. For beds greater than 5 metres in width, break up the subgrade and topsoil using a tractor mounted subsoiler or ripper at 1500mm centres to a depth of 500mm,except where there are existing trees, where the depth of ripping is 2 metres or existing roots do not rip across where roots greater than 10m diameter are encountered.

3. Determine before submitting a tender, the extent of support from the site manager with ground preparation ensure soil of all planting beds is graded to a level 65mm below adjacent grass or paved surfaces, 150mm below where sprig/ matting mulch is not specified, and within 400-600mm of edges to ensure surfaces for bark mulch are recessed, where grass is proposed, then the soil to level shall be flush (maximum 10mm below but never proud of adjacent paved surfaces, to receive rain water run off. The landscape contractor is responsible for ensuring that the final product conforms to the specification even where the developer and/or main contractor have failed to supply and spread topsoil to the necessary levels. The landscape contractor shall bring to the attention of the supervising staff any above, including for regrading subsoil and topsoil. Where beds are to receive and sprig/matting mulch, ensure that topsoil is graded to the specified levels below pavement & grass surfaces within 400mm of the edges of the bed. This is to allow for sheet mulch and bark or wood chip mulch so that mulch does not spill out on to pavements and also to allow surface water to drain from paths on to planted areas.

4. For sloping areas to be turfed adjacent to paved areas, topsoil levels shall be graded flush with the finished pavement level for up to 10mm below), to allow surface water to drain from pavements to soft areas. Soil of grass areas should therefore never be proud of paved areas. Soil levels more than 10 mm below pavement edges will cause mower damage on cutting.

5. Imported topsoil (where specified and sanctioned by the employer) for making up ground shall conform to BS 3882: 1994, and be free from rocks (over 50mm diameter) concrete, roots, wire and rubbish, incorporating 30mm cube wood spacing blocks to ensure that the panel is rounded sufficiently for from the wall/ fence to allow taking of stems. Ensure that all timber is pressure impregnated with a non phyto-toxic preservative and then painted with a dark brown non phyto-toxic preservative wood stain such as Sadolin "Classic" walnut or similar and approved. Ensure that the trellis is not in contact with the ground. Train the climbing shrub to the trellis with plastic coated garden wire tags.

8. Climbers specified outside proposed shrub beds shall have specially prepared climber pits. Climber pits shall be 450mm x 450mm and 600mm deep minimum size), and be backfilled with topsoil (from site – unless otherwise agreed). Ensure the base of the pit is thoroughly broken up and free draining before back filling with topsoil.Ensure no damage to foundations and services, and make good all structures and surfaces disturbed. Fertilise with 50g of Fisons "Nutricote" slow release fertilizer, water in with 10 litres of water per climber pit.

D) Mulch

1. When specified by the additional specification notes on this plan, supply and spread agrotextile "Weedstop Fabric" sheet mulch over planting beds, previously cultivated, graded and fertilized topsoil before planting. Lay sheet mulch in strips 1m wide with a 50mm overlap, fixing with 'U' pins at 400mm centres, 150mm at edges and beds less than 1m wide. Pegging this density is essential to prevent flaps of material becoming exposed.Refer to the specification for "Weedstop Fabric" sheet mulch on plan.

2. Following planting supply and spread evenly, Melcourt Industries "Rustic Biomulch" to a depth of 50mm. (75mm if no sheet mulch specified) over all planted areas. Ensure that no soil is greater than 50mm higher than 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 a non-fines, large particled, brown wood chip to reduce weed growth, reduce wind blow and prevent mulch break down.

D) BS codes

1. All workmanship and materials shall conform to the following codes:-
a) General landscape operations (excluding hard surfaces) – BS 4428:1989
b) Trees in relation to construction:- BS 5837: 1991 and BS 4043:1990.
BS 3998:1989 (recommendations for tree works (unless otherwise specified, Arboricultural Association standard).
c) Groundwork – Subject and Construction of Tree Works 1996.
d) Nursery stock in accordance with latest horticultural trade association nursery stock specification entitled "National Plant Specification 2001 ".
Plants shall conform to:
-BS 3936-1 : 1992 Nursery Stock-Specification for trees and shrubs.
-BS 3969-2 : 1990 Nursery Stock-Specification for roses + AMD 6628.
-BS 2980-4 : 1984 Nursery Stock-Specification for ornamental trees.
-BS 3975-5 : 1985 Nursery Stock-Specification for poplars and willows.
-BS 2936-9 : 1990 Nursery stock-Specification forbulbs,corms,and tubers.
-BS 2936-10 : 1992 Nursery stock-Specification for ground cover shrubs.
-CPSE-Committee for Plant Establishment, Handling, and establishing landscape plants 1996, Part 3, paragraphs 6.2 to 6.6.
D) Glossary of Edn. Landscape Works Terms 1998.
e) BS 3969 : BS 3969:1998 recommendations for turf (seeds) – general purposes
f) 1994 Horticultural Trades Association Edn. Use blue labelled certified varieties to EC purity and germination regulations. When requested, submit an official seed testing station Certificate of germination,purity and composition.
g) Topsoil – BS 3882: 1994
h) Pesticides: Control of Pesticides Regulations 1997. The Health and Safety at Work Act 1974, the COSHH Regulation 1988 and the Food and Environment Protection Act 1985.
i) Fertilizers and Soil Conditioners: Control of Pollution Act 1974, Nature Act 1990 Wildlife and Countryside Act 1981.

GENERAL NOTES FOR THE DEVELOPER.

A) Tree protection

1. Any existing trees to be retained, are the responsibility of the main contractor on site who shall take all necessary protective measures set out in BS 5837:1991 to ensure no damage to stems or roots, to prevent compaction from vehicles or storage of materials, contamination of soil from spillages, scorching from fires and instability or stress from changes of soil level. The landscape contractor is however responsible for ensuring that neither plant, materials or fabbar are cause of any damage to existing trees, and that the principles of BS 5837:1991 are followed. Where any roots are damaged on site, supplying and planting a tree of the same species and size, at his own cost. Suitable protective measures shall be chestnut paling, fixed firmly to a rigid timber or scaffolding frame, positioned no closer than the above than the drip line of the tree's canopy.

B) Ground work

1. Soil levels: soil levels for shrub beds and grass areas should have any compacted subgrade thoroughly broken up by machine before instructing the ground worker to spread topsoil or the landscape contractor to commence work or the beds will become waterlogged in wet weather and the plants and turf will die.

2. Top soil spread from on site should be to the following minimum depths –
Shrub beds: 350mm
Grass areas: 150mm
Where the excavation of 415m of the subgrade for shrub beds to leave beds 50mm below finished pavement or grass areas in order to receive sheet and bark mulch. (100m below where sheet mulch is not to be used).
Tree pits will be dug by the landscape contractor. Top soil shall be spread for grass areas flush with any areas of paving and after settlement, the soil level should be no greater than 10m below paved areas to allow for turf. Turf shall be flush with any finished paved surfaces after settlement (or to a maximum of 5m below) to allow for rain water to drain onto soft surfaces. Settlement shall be no greater than the tolerances given or problems will be encountered with mowing the blades, in danger of touching concrete edgings) or where soil is proud of pavements, then drainage problems will be encountered.

3. Existing topsoil and imported soil shall conform to BS 3882:1994, and be free from rocks over 75m, roots, wire, bricks, concrete, rubbish and builders rubble. Soil shall have a clay content of less than 20%.

C) Hardworks

1. Hard works, unless otherwise agreed, shall be carried out by the developer or main contractor, and all materials and workmanship shall be in accordance with the construction details and the layout plan.

2. All paths and edgings shall be set out properly to lines and radii, with all curves scribed on the ground using pointed pegs and string or site marker paint, achieving flowing natural arcs. Setting out shall be agreed with the landscape contractor and subsequently the landscape architect.

3. Hard surfaces shall be constructed after suitable trial excavations have been laid, taking full account of local site conditions, soft spots, and obstacles. The indicative depths of base courses and finishes are for guidance purposes assuming suitable substrate conditions.

4. All metalwork shall be finished hot dipped galvanized in accordance with BS EN ISO1461. The galvanizer shall be responsible for the following removal of all galvanizing shots (fettling) to the satisfaction of the client. Any damaged galvanizing shall be repaired by the galvanizer and shall propose the galvanized surface by the application of zinc rich paint and sprayability with a sculpturing out until all traces of grease, dirt, swarf, and sculpturing have been removed & then allowed to dry thoroughly before application of paint (paint 65/07 from Silva Ltd (tel. 01707 374444) (No. 250m from top of the wall/fence), and string the wire slightly between the fixings. Train the climber to the wire with plastic coated garden wire tags.

7. Training varieties of climber, with 1'r' dream after the climber's name (in specially prepared pits or general shrub beds) shall be trained to walls/ fences by inserting readymade trellis panels 1.8 x 1.8m generally (but 1.8 x 1.0m for corners or where space is restricted). Include for adapting any panels for location where walls or fences are lower than 1.8m. Fix trellis panels to the wall/fences using 50mm softwood, incorporating 50mm cube wood spacing blocks to ensure that the panel is rounded sufficiently for from the wall/ fence to allow taking of stems. Ensure that all timber is pressure impregnated with a non phyto-toxic preservative and then painted with a dark brown non phyto-toxic preservative wood stain such as Sadolin "Classic" walnut or similar and approved. Ensure

HEALTH AND SAFETY RISK ASSESSMENT

This Risk Assessment has 2 purposes:
1. To identify any significant hazards related to design work by Jones Blake Associates. A significant hazard being defined as a foreseeable hazard which is not likely to be obvious to a competent contractor or other designer or unusual or difficult to manage effectively. This is to accord with Regulation 13 (Requirements of the Designer) of the CDM Regulations 1994 (amended 2000).
2. To identify some potential hazards which though not related to design work by Jones Blake Associates, may be more apparent to a Landscape/Arboricultural Consultant than others.
The following list is not exhaustive and a certain level of Health and Safety management is assumed (reference to Management of Health and Safety at Work Regs 1999). Provision and Use of Work Equipment Regs 1998). Personal Protective Equipment at Works Regs 1992. Manual Handling Operations Regs 1992 etc).

ITEM	HAZARD/RISK	POSSIBLE MITIGATION
EXCAVATION,CONSTRUCTION, COMPACTION AND SOIL PREPARATION NEAR EXISTING TREES BOTH ON AND OFF THE SITE	HAZARD TO SAFETY OF WORKERS, USERS OF ADJACENT LAND AND FUTURE USERS OF THE SITE BY DAMAGED TREES	All excavation carried out within the area shall be in accordance the Construction (Health, Safety and Welfare) Regulations 1996. Where construction would normally be excluded by the use of Table 1 in the British Standard BS5837:1991 "Guide for Trees in Relation to Construction" shall be in accordance with the aforementioned Standard; the guidance provided by the National Joint Utilities Group Publication No.10 "Guidelines for the planning, installation and maintenance of utility services in proximity to trees" and Arboricultural Practice Note 1 "Driveways Close to Trees". The impact of potential works within exclusion zones should be assessed by a qualified arboriculturalist. Mitigating measures recommended by the arboriculturalist should be implemented. Any actual damage to tree roots which occurs as a result of works within the excluded area shall be inspected by a qualified arboriculturalist before the excavation is backfilled and if necessary remedial works are to be carried out.
WORKING NEAR OR ADJACENT TO UNDERGROUND/ABOVEGROUND SERVICES	DAMAGE TO SERVICES AND HAZARD TO SAFETY OF WORKERS	Refer to Service layout drawings prior to commencing work. If no service drawings exist carry out exploratory works to minimise potential risks.
NATIVE HEDGES, POISONOUS AND THORNY PLANTS IN PROXIMITY TO PATHS AND ENTRANCES	HAZARD TO SAFETY OF PEDESTRIANS	Ensure a competent BALI registered landscape contractor® is appointed who is capable and willing to follow the supplied Jones Blake Associates plans and documentation. A species shall not be substituted or repositioned without specific approval from an Associate of Jones Blake Associates.
USE OF PESTICIDES, HERBICIDES AND FERTILIZERS	HAZARD TO SAFETY OF OPERATIVES, GENERAL PUBLIC AND THEIR PETS	Ensure a competent BALI registered landscape contractor® is appointed who is qualified and certified for the use of pesticides and herbicides. COSHH Regulations 2003. Control of Pesticide Regulations 1997. Product COSHH Sheets and the product and manufacturer's instructions are to be followed
USE OF LOOSE MATERIALS SUCH AS GRAVEL AND BARK MULCH ADJACENT TO PATHS AND ROADS	HAZARD TO USERS OF THE SITE IF BLOWN OR DISPLACED ON TO ROADS OR PATHS. IT COULD BECOME A POSSIBLE SKID HAZARD TO VEHICLES	Ensure a competent BALI registered landscape contractor® is appointed who will follow the correct mulch and gravel specifications and details correctly. Bark Particle sizes and grading is critical, as are changes in level and/or retainers (such as gravel boards) between shrub beds/gravel areas and adjacent surfacing. Groundworkers and landscape contractors undertaking topsoiling and grading operations must be made aware of the proposed changes in level prior to commencing operations.
WORKING ON OR ADJACENT TO THE HIGHWAY	HAZARD TO SAFETY OF WORKERS AND HIGHWAY USERS	Ensure all works are in accordance with the New Road and Street works Act 1991.
WORKING NEAR A WATERCOURSE	HAZARD TO SAFETY OF WORKERS AND POLLUTION OF WATERCOURSE BY HERBICIDES, PESTICIDES AND OTHER WASTE.	Take normal sensible precautions to prevent falling in. Follow COSHH guidelines 2003. Control of Pesticide Regulations 1997. Water Supply (Water Quality) Regulations, amended 1999). Control of Pollution act 1974. Follow COSHH Sheet for product and manufacturer's instructions. Seek Environment Agency approval for any chemicals use any chemicals near a water course.
CONSTRUCTION OF PLAY AREAS	HAZARD TO SAFETY OF PLAY AREA USERS	Ensure equipped play areas are adequately secured with temporary Fencing and signs to prevent unauthorised access until completed. Ensure the play area is constructed in accordance with the recommendations and measurements of BS EN 1176-1998, BS EN 1177-1998 and BS 7188-1998. This is with particular reference to minimum space zones and safety surface requirements. Always follow manufacturer's recommendations regarding these matters and do not simply rely on the supplied plans.

NA list of Jones Blake Associates Approved Landscape Contractors is available on request.

INDICATIVE SCHEDULE OF PLANTS

SHRUBS

CODE	PLANT NAME	STOCK	SPACING
Auc Var	Aucuba Japonica 'Variegata'	C.G. 3L	3/m2
Ber cor	Bergenia cordifolia	C.G. 3L	3/m2
Ber Non	Berberis thunbergii "Atropurpurea Nana"	C.G. 3L	4/m2
Ber Ros	Berberis thunbergii "Rose Glow"	C.G. 3L	3/m2
Bud glo	Buddleia globosa	C.G. 3L	1/m2
Cea Rep	Ceanothus thyrsiflorus "Repens'	C.G. 3L	3/m2
Cho ter	Choisya ternata	C.G. 3L	3/m2
Cho Azt	Choisya ternata 'Aztec Pearl'	C.G. 3L	3/m2
Cho Sun	Choisys ternata 'Sundance'	C.G. 5L	3/m2
Cis cor	Cistus corbariensis	C.G. 3L	3/m2
Cis Cyp	Cistus x Cyprius	C.G. 3L	3/m2
Cis Sil	Cistus x "Silver Pink'	C.G. 3L	3/m2
Con cne	Convolvulus cneorum	C.G. 2L	4/m2
Cor Spa	Cornus alba 'Spaethii'	C.G. 3L	3/m2
Cor Ele	Cornus alba 'Elegantissima'	C.G. 3L	3/m2
Cot hor	Cotoneaster horizontalis 'Robusta'	C.G. 3L	3/m2
Euo Eme	Euonymus fortunei 'Emerald Gaiety'	C.G. 2L	5/m2
Euo Gol	Euonymus fortunei 'Emerald 'n' Gold'	C.G. 2L	5/m2
Euo Pul	Euonymus fortunei 'Dutus Aureus'	C.G. 2L	5/m2
Eup wul	Euphorbia wulfenii	C.G. 3L	3/m2
Ger War	Geranium endressii 'Wargrave Pink'	C.G. 2L	5/m2
Heb sal	Hebe salicifolia	C.G. 3L	3/m2
Heb Mid	Hebe "Midsummer Beauty'	C.G. 3L	3/m2
Hen Ste	Hemerocallis Stella d'Oro	C.G. 2L	5/m2
Heu Pal	Heuchera micrantha "Palace Purple'	C.G. 2L	5/m2
Hyp Hid	Hypericun patulum "Hidcote"	C.G. 2L	4/m2
Lav Hid	Lavendula Anicia 'Hidcote'	C.G. 2L	4/m2
Lon pil	Lonicera pileata	C.G. 2L	3/m2
Phi Fru	Philmis fruticosus	C.G. 3L	3/m2
Phi Aur	Philadelphus coronarius 'Aureus'	C.G. 3L	2/m2
Pho Red	Photinia x fraseri 'Red Robin'	C.G. 3L	2/m2
Pot Kat	Potentilla fruticosa "Katherine Dykes'	C.G. 3L	3/m2
Pru Zab	Prunus laurocerasus 'Zabeliana'	C.G. 3L	3/m2
Ros Mac	Rosa 'Macrantha Grafft'	C.G. 3L	3/m2
Ros gro	Rosa grouse	C.G. 3L	3/m2
Sor cit	Sorbaria aitchisonii	C.G. 3L	2/m2
Spi Gol	Spiraea japonica 'Gold Flame'	C.G. 3L	3/m2
Sym Han	Symphoricarpos chenaultii 'Hancock'	C.G. WPP	3/m2
Vib dav	Viburnum davidii	C.G. 3L	3/m2
Vib tin	Viburnum tinus	C.G. 3L	3/m2

SPECIMEN SHRUBS PLANTED IN BEDS, GRASS OR GRAVEL

QTY	CODE	PLANT NAME	STOCK
AUC VAR	Aucuba Japonica 'Variegata'	C.G.	10L
CHO AZT	Choisya Ternata 'Aztec Pearl'	C.G.	10L
CHO SUN	Choisya ternata 'Sundance'	C.G.	10L
PHO TEN	Phormium tenax	C.G.	10L
PHO PUR	Phormium tenax 'Purpureum'	C.G.	10L
PHO RED	Photinia x fraseri 'Red Robin'	C.G.	10L

CLIMBERS

QTY	CODE	PLANT NAME	STOCK	SPACING
10No.	Hed can	Hedera canariensis 'Gloire de Marengo'	*5* C.G.	3L 1/m
4No.	Hed col	Hedera colchica 'Dentata Variegata'	*5* C.G.	3L 1/m
3No.	Hyd pet	Hydrangea petiolaris	*5* C.G.	3L 1/m
2No.	Par hen	Parthenocissus henryana	*5* C.G.	3L 1/m
11No.	Par tri	Parthenocissus tricuspidata 'Veitchii'	*5* C.G.	3L 1/m

FEATHERED TREES

QTY	CODE	PLANT NAME	STOCK	SIZE	DFB	MAX HT	WD
3No.	Bet pen	Betula pendula	C.G. 15L FTH	180-210cm	7m	15m	L
5No.	Cer sil	Cercis siliquastrum	C.G. 15L FTH	150-180cm	5m	15m	L
11No.	Cot Cor	Cotoneaster 'Cornubia'	D.G. FTH	150-180cm	4m	5m	M
4No.	Mal Joh	Malus 'John Downie'	D.G. FTH	180-210cm	5m	6m	M
6No.	Pyr Cha	Pyrus calleryana 'Chanticleer'	D.G. FTH	180-210cm	6m	8m	M

STANDARD TREES

QTY	CODE	PLANT NAME	STOCK	SIZE	DFB	MAX HT	WD
1No.	AES HIP	Aesculus hippocastanum	D.G. STD	8-10cm	15m	20m	M
2No.	ALN COR	Alnus cordata	D.G. STD	8-10cm	10m	15m	L
1No.	AME ROB	Amelanchier lamarckii 'Robin Hill'	C.G. STD	8-10cm	7m	8m	M
18No.	CAR BET	Carpinus betulus	D.G. STD	8-10cm	9m	17m	L
2No.	MAL JOH	Malus 'John Downie'	D.G. STD	8-10cm	5m	6m	M
7No.	PYR CHA	Pyrus calleryana 'Chanticleer'	D.G. STD	8-10cm	6m	8m	M
1No.	ROB RES	Robinia pseudoacacia 'Bessoniana '	D.G. STD	8-10cm	10m	11m	M
3No.	TIL COR	Tilia cordata	D.G. STD	10-12cm	17m	20m	M

ORNAMENTAL HEDGE PLANTING

QTY	CODE	PLANT NAME	STOCK	SPACING
162m	Hedge type 01 Single row			
486No.	Vib tin 'Viburnun tinus 'Eve Price'	C.G. 3L	3/m	
65m	Hedge type 02 Single row			
195No.	Lig Aur 'Ligustrun ovalifolium 'Aureum'	C.G. 3L	3/m	
11m	Hedge type 04 Single row			
33No.	Esc App 'Escallonia 'Apple Blossom'	C.G. 3L	3/m	
9m	Hedge type 11 Single row			
27No.	Neh Red 'Nehe 'Red Edge'	C.G. 3L	3/m	
24m	Hedge type 13 Single row			
72No.	Lon nit 'Lonicera nitida	C.G. 3L	3/m	

SEED MIXES

AREA	SEED MIX NAME	
3960m2	Amenity grass mix	('Bar 11' Mix by Barenbrug, refer to Measured Works Schedule)
1616m2	Area to be turfed	('Medallion' by Rowlawn Ltd, refer to Measured Works Schedule)

NOTES AND ABBREVIATIONS

R.B. = Root-balled stock
C.G. = Container grown stock
D.G. = Open ground stock, to be planted Nov 1st – March 1st
FTH = Feathered tree
STD = Standard tree
L = Litre container
DFB = "Distance From Buildings" based on minimum building Foundation depths
Max Ht= "Maximun Height" of tree
WD = "Water Demand" of tree

-Girth size is given for standard trees, otherwise all sizes refer to height. All sizes are the minimums acceptable.
-Shrubs specified as 3 litre size shall be 400-600mm minimun height and spread and 2 litre stock shall be 300-400mm minimun height and spread. Hedge hights and spreads in relation to pot size are just a guide and the "National Plant Specification" sizes will be accepted (but will be taken as the absolute minimun acceptable). Any shrub supplied which are smaller than this will be rejected at once.
-Cornus varieties shall be tonor 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 shall 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

(C) JAMES BLAKE ASSOCIATES 2005

SPECIFICATION FOR "WEEDSTOP BIOFABRIC" FOR PLANTED AREAS

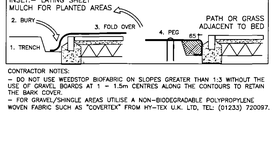
INTRODUCTION

"Weedstop Biofabric" is a woven, natural fibre, biodegradable fabric of sufficient strength to last 1 to 2 growing seasons and to ensure weed suppression and successful plant establishment. The water porous product helps keep the ground stay moist and weed free, speeding plant growth and establishment greatly. This product is available from Weedstop Ltd, 2 Forest Parade, Forest Road, Lydney, Gloucester, GL15 5LA. Telephone (01594) 841781.

SPECIFICATION

1. Prepare and Cultivate important of existing topsoil including fertilizers as necessary and water to field capacity.
N.B. Ensure that the finished soil level is at least 65mm below adjacent pavements or grass levels to receive sheet and bark mulch. For sloping beds ensure that soil levels are 65mm below pavements or grass areas within 600mm of bed edges.
2. Place "Weedstop Biofabric" sheet mulch over soil to be planted. Unroll materials, placing in overlapping rows (overlap to be no less than 50mm).
3. Bury 200mm flap of material at the extreme edges of the planting bed, or nail to concrete haunch of path edging with masonary nails @ 1m centres
4. Secure material in position by hammering in 300mm metal pegs at 500mm centres. (300mm centres @ edges of beds) Metal hoops for pegging purposes are available from Weedstop Ltd.
5. Place plants on beds in intended positions.
6. Cut the fabric with scissors in "+" shape for each plant position, 400mm across.
7. Pit plant the plants, holding back the flaps of fabric, and carefully replace compacted topsoil clods from site, ensure no soil is left on top of sheet.
8. Once all the plants are planted, cover the fabric all over with 50mm of Melcourt Industries "Rustic Biomulch".
9. Finally, water the bed thoroughly to field capacity. (Ensure that each plant receives 2 gallons of water if the soil is dry or in warm weather conditions, otherwise apply 25L/m2).

INSET:– LAYING SHEET MULCH FOR PLANTED AREAS



CONTRACTOR NOTES:
– DO NOT USE WEEDSTOP BIOFABRIC ON SLOPES GREATER THAN 1:3 WITHOUT THE USE OF GRAVEL BOARDS AT 1 – 1.5m CENTRES ALONG THE CONTOURS TO RETAIN THE BARK COVER.
– FOR GRAVEL/SHINGLE AREAS UTILISE A NON–BIODEGRADABLE POLYPROPYLENE WOVEN FABRIC SUCH AS "COVERTEX" FROM HY–TEX U.K. LTD, TEL: (01233) 720097.

KEY

PROPOSED FEATHERED TREE, INCLUDING STAKE AND TIE. SEE SPECIFICATION NOTES A1, A2–3, C1–6, D1–2 AND E1.

PROPOSED STANDARD TREE, INCLUDING DOUBLE STAKE AND TIE, SEE SPECIFICATION NOTES A1, A2–3, C1–6, D1–2 AND E1.

SHRUB AND HERBACEOUS PLANTING, INCLUDING BARK MULCH (ACCORDING TO SPECIFICATION). SEE SPECIFICATION NOTES A1–3, B1–3, C1–3, D1–2 AND E1. SUPPLY SHEET MULCH ONLY WHERE SPECIFICATION/DETAILS SHOWN ON THE PLAN.

CULTIVATED TURF UNLESS OTHERWISE STATED ON PLAN. SEE SPECIFICATION NOTES B4, C7 AND E1.

CLIMBING SHRUB IN SHRUB BEDS OR IN PITS IN PAVING (SEE SPECIFICATION NOTES C1–3, C8–10, D1–2 AND E1. TWINING VARIETIES (MARKED'T') SEE NOTE 12. SELF CLIMBING VARIETIES (MARKED'S') SEE SPECIFICATION NOTES C1–3, C8–10, D1–2 AND E1.

PROPOSED SHRUBS IN SHRUB BEDS OR PIT PLANTED IN GRASS AREAS. SPECIMEN SHRUBS IN GRASS AREAS PLANTED SEPARATELY IN SCHEDULE OF QUANTITIES. SEE SPECIFICATION NOTES A1, B1–3, B6, C1–3, D1–2 AND E1.

HEDGE PLANTING, INCLUDING SHEET/BARK MULCH (AS APPROPRIATE). SEE NOTE 11 REFER TO HEDGE SCHEDULES ON PLAN AND THE SCHEDULE OF QUANTITIES. SEE SPECIFICATION NOTES A1–2, B1–3, B6, C1–3, D1–2 AND E1. SUPPLY SHEET MULCH ONLY WHERE SPECIFICATION/DETAILS SHOWN ON THE PLAN.

BITUMEN MACADAM SURFACING TO FALLS AND CROSS–FALLS, EDGING TO BE FLAT–TOPPED PCC CONCRETE EDGE, 50 x 150 x 900mm SET IN 200P CONCRETE STRIP FOUNDATION AND HAUNCHED.

NOTE
SEE SEPARATE EXTERNAL LAYOUT DRAWINGS (BY DEVELOPER) FOR SPECIFICATIONS AND ARRANGEMENT OF FENCING AND OTHER HARD WORKS

GENERAL NOTES
-ALL DIMENSIONS IN MILLIMETRES
-DO NOT SCALE OFF THIS DRAWING
-ALL DIMENSIONS TO BE CHECKED ON SITE

(C) JAMES BLAKE ASSOCIATES 2005

PLANNING
Rec'd
15 MAR 2005
BDBC

REV.	DATE	INITIALS	DETAILS
A	14.3.05	DEV	PROPOSED TREES IN POS REMOVED TO ROAD. TREE PLANTING IN FRONT OF PLOT 71 REMOVED TO ACCOUNT FOR EASEMENT.

JAMES BLAKE ASSOCIATES
CHARTERED LANDSCAPE ARCHITECTS,
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EXISTING

ISSUED BY

CLIENT ASHLEY KING DEVELOPMENTS	DWG. TITLE LANDSCAPE MASTERPLAN SHEET 1 OF 2)
SITE TUDOR WAY, HOLBEACH	
SCALE 1=250	DATE MARCH 2005
DRAWN BY DEV	CHECKED BY DEV
DWG NO. JBA 05/13-01	REV. A