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 accurately marked out 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 any planting or seeding works are carried out. Failure to do so may result in rejection of the work by the landscape architect and may require amendment at the contractor's expense.

2. All planting beds shall be a minimum of 300mm wide, except where there is insufficient space, due to the proximity of walls, fences, path edges and their foundations. With narrow beds between walls/ fences and path edgings, ensure that the bed has space free from concrete footings before planting. If the bed is sealed with concrete, then the landscape contractor shall contact the landscape architect immediately as a determination of footings are excessive and can be reduced or lifted, the bed can be paved. The width of all beds will be checked by the inspecting landscape architect prior 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 eparatus, an approved translocated systemic herbicide to the manufacturer's instructions and to the 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. If none are showing, but there is a likelihood of germination, the area is to be treated between spring for 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 made good at the operative's own cost. Repeat as necessary to ensure complete kill and rake off all dead material from site.

2. Carry out the following works to the existing topsoil on site to ensure it forms a suitable rooting zone, free from rocks larger than 50m diameter, concrete, all roots, wire, brick, and have less than 20% clay. Allow for grass/pollution of herbicide as above. Fertilise with 100g per meter square of Hortibase CRF (14-6-12) slow release fertilizer, in accordance with the manufacturer's instructions. For beds which are to be planted, cultivate 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 with a heavy duty subsoiler to form a subsoiled mesh at 500mm centres to a depth of 500mm,except where there are services, or within 10 meters of tree stems or 3 meters of existing hedges. Do not rip areas where roots greater than 10mm diameter are encountered.

3. Determine before submitting a tender, the nature of stone content. Consult manager with ground preparation: ensure soil or all planting beds is graded to a level 65mm below adjacent grass or paved surfaces, (90mm below where bgrass-textile pet mulch is not specified), within 400-800mm of edges to ensure that when topsoil has been firmed and lightly cultivated, then retained 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 has carried out the bulk earthmoving to the necessary level. The landscape contractor shall allow for adjustment of levels, as specified above, including for re-grading subsoil and topsoil. Where beds are sloping, ensure that topsoil is graded to the specified levels below pavement & grass surfaces with the finish of the edges of the beds to allow for edging with bark 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 adjacent pavement level (or 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: 2007, and be free from rocks (over 50mm diameter), concrete, roots, wire and brick, and have less than 5% greater than 20% clay. Such soil shall be subject to the approval of the Representative - samples shall first be approved by the landscape architect before being supplied 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 to the specification and schedule of quantities accompanying these drawings. Refer to the specification for the preparation of existing topsoil and required depths for planting, turfing, and standard trees, shrubs and their maintenance requirements.

2. No substitutions will be accepted without the prior agreement of the inspecting landscape architect. The contractor shall replace at once at his own cost any plant which is not the true variety of plant which has not been specified on the planting plan and schedule, unless prior agreement to a substitution by the landscape architect has been received. All plants shall be true to size specified in the schedule of plants, and measured from the top of the plant (not from the ground cover), shall be 400-600mm height and spread, or otherwise specified for the pot size by the HTA National Plant Specification and be bushy, healthy, disease free stock, not pot bound, leggy or spindly. There should be a minimum of 5 breaks per plant. All specimen trees to the minimum standard required and any stock failing below this standard, in the sole opinion of the inspecting landscape architect,shall be lifted and replaced at the contractor's expense.

3. All shrubs, herbaceous plants, whips and transplants shall be watered in on planting with 20 litres per square metre. Trees shall be watered in with 25 litres per tree position. Water thereafter during the contract period at weekly intervals with 30 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 chestnut stake 600mm above ground and 1000mm below ground) and 1No. sackcloth tie with spacing device positioned 25mm maximum from the top of the post.

5. Turf to be of cultivated grade such as Rowlawn "Medallion", or other of 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 "S" drawn after the climber name, shall be trained to the wall/fence with heavy duty, plastic coated garden wire. Training wires shall be attached vertically to the wall/fence at spacings of 1.2m long wall/fence (per screw fixings, one position 1No. at 250mm from ground, and 1No. 250mm from top of the wall/fence, and string the wire tightly between the fixings. Train the climber to the wire with plastic coated garden wire tags.

7. Twining varieties of climber, with "T" drawn after the climber's name on specially prepared pits or general shrub beds) shall be trained to walls, fences by mounting ready-made trellis panels 1.8 x 1.8m (generally (but 1.8 x 0.6m for corners or where space is restricted) fixed to walls, fences or panels for locations where walls or fences are lower than 1.8m. Fix trellis panels to the walls/ fences using non rusting screws 125mm long (to be approved), incorporating 50mm cube wood spacing blocks to ensure that the panel is mounted sufficiently far from the wall/fence to allow twining of stems. Trellis shall be made from timber 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.

GENERAL NOTES

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

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D) Mulch

1. When specified by the additional specification notes on this plan, supply and spread, suitable biodegradable sheet mulch over planting beds (where bark mulch is specified, apply fertilized topsoil before planting), and peg down at a minimum of 500mm centres (300mm at edges) and beds less than 1m wide. Pegging this densely is essential to prevent flaps of material becoming exposed. Refer to the specification for biodegradable sheet mulch on plan.

2. Following planting supply and spread evenly Millcourt Industries "Edwynis of Brandon" to a depth of 50mm, (75mm if no sheet mulch specified), over all planted areas. Finished mulch levels shall be no higher than 10mm below adjacent paving, kerbs, edgings or hard spillage onto pavements or lawns. NLP no substitution of mulch type will be acceptable. It is essential to have a non-fine, large particled, brown wood chip to reduce weed growth, reduce wind blow and prevent rapid break down.

E) 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 - Root anchorage and pruning: BS 5837:2012 and BS 8545:1999: BS 3998:2010 (recommendations for tree works) unless otherwise specified.
Arboricultural Association - Standard for Trees Work Compared and specifications for Tree Works 1994.
C) 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 3936-2 :1990 Nursery stock - Specification for roses + AMD 6628.
BS 3936-4 : 2007 Nursery stock-Specification for forest trees.
BS 3936-9 : 1995 Nursery stock-Specification forbulbs, corms and tubers.
BS 3936-10 : 1990 Nursery stock-Specification for ground cover shrubs.
"Plant Varieties and Seeds Act 1964(amendment, Seed harvest establishment of fruit trees 1996, Part 3, paragraph 9.) to 12.
D) Glossary for Landscape Works BS 4428 1989
E) Turf - BS 3969:1998- recommendations for turf for general purposes.
The Plant Varieties Act(Fees) 1974. 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.
F) Trench - BS 3882:2007
G) Pesticides: Control of Pesticides Regulations 1997,The Health and Safety at Work Act 1974; the COSHH Regulation 2003, the product COSHH sheet Water Supply (Water Quality) Regulations 2000,Food and Environment Protection Act 1985,Hedgerow Act 1997,Wildlife and Countryside Act 1981; Countryside and Rights of way Act 2000.

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 5837:2012 to ensure no damage to stems or roots to prevent compaction from vehicles or storage of materials,equipment or soil, to avoid spillages, scorching from fires and instability or stress from changes of soil level. The landscape contractor is not however responsible for ensuring that the trees remain healthy or vigorous, and shall replace at once any tree damaged on site, supplying and planting a tree of the same species and size, at his own cost. Protection barriers will comprise a scaffold framework in accordance with Figure 2 of BS 5837:2012 ("the BS").
The framework will consist of vertical and horizontal scaffolding poles, braced to stakes at no more than 3m intervals and driven into the ground. Weld mesh (Heras or similar) panels will be securely fixed on to this framework with wire or scaffold clamps. Tubes will be driven into the ground to a minimum depth of 600mm.
Supporting struts will be fixed to the inside of the barrier to ensure maximum rigidity.

B) Ground work

1. Soil levels: soil levels for shrub beds and grass areas should have any compacted areas thoroughly broken up by machine before instructing the ground worker to spread topsoil of 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: 300mm. Grass areas: 150mm, allow for excavation of 415mm of the subgrade for strips beds to leave beds 65mm below finished pavement levels, to allow for the spread of bark shield and bark mulch, 100mm 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 10mm below paving areas to allow for turf to be laid flush with paving. The soil level shall be flush with any finished paved surfaces after settlement (or to a maximum of 5mm below) to allow for rain water to drain onto soil surfaces. Settlement shall be no greater than the tolerances given or problems will be encountered with mowing, there is a 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 3882:2007, and be free from deleterious materials including grass cuttings, concrete, rubbish, clay lumps and builders rubble. Soil shall have a clay content of less than 20%.

C) Hardworks

1. Hard works, unless otherwise agreed, are 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 to the lines and levels to be taken from curves scribed on the ground using pointed pegs and string or site marker paint, allowing flowing natural arcs. Setting out shall be agreed with the landscape contractor and subsequently the landscape architect.

3. Hard surfaces shall be constructed over suitable base courses have been laid, taking full account of local site conditions, soft spots and substrate. The indicative depths of base courses are minimum depths assuming suitable substrate conditions.

4. All metalwork shall be finished hot dipped galvanized in accordance with BS EN ISO1460. The galvanizer shall be responsible for the thorough removal of all galvanizing smuts (fettling) to the complete satisfaction of the Landscape Architect. The decorating contractor shall prepare the galvanized surface by washing with detergent and water and wipe dry with clean rags to remove all dirt, grease, white rust & sulphates have been removed & then allowed to dry thoroughly. Bonder and paint (code 6697 from Sika Ltd (tel. 01707 374444) applied with a turnehead brush strictly in accordance with the manufacturers instructions and COSHH sheet. Apply 2No. coats of paint with a dry film thickness of 100 microns per coat. Apply paint only when galvanized surface is thoroughly dry at temperatures above five degrees celsius and in any event before the formation of any temporary rust. Allow for samples to be submitted for inspection by agents and if found wanting, shall be stripped off and re-prepared and applied entirely at the decorating contractors own cost.

5. All wood work to use ACQ water based wood preservative applied by dipping or vacuum pressure process in other similar and approved composition. The timber shall then be stained with 2No. coats of Sadolin "Classic" colour Walnut strictly in accordance with the manufacturers instructions COSHH Regulations 2003 and product COSHH sheet.

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 2007).
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 2002; Manual Handling Operations Regs 1992 etc).

ITEM	RISK LEVEL	HAZARD/RISK
EXCAVATION, CONSTRUCTION, COMPACTION AND TOOL PREPARATION NEAR EXISTING TREES BOTH ON AND OFF THE SITE	MEDIUM	HAZARD TO SAFETY OF WORKERS, USERS OF ADJACENT LAND AND FUTURE USERS OF THE SITE IF DAMAGED TREES
WORKING NEAR OR ADJACENT TO OVERHEAD/UNDERGROUND SERVICES	HIGH	DAMAGE TO SERVICES AND HAZARD TO SAFETY OF WORKERS
NATIVE HEDGES, PERENNIALS AND THORNY PLANTS IN PROXIMITY TO PATHS AND ENTRANCES	LOW	HAZARD TO SAFETY OF PEDESTRIANS
USE OF PESTICIDES, HERBICIDES AND FERTILIZERS	MEDIUM/HIGH	HAZARD TO SAFETY OF OPERATIVES, GENERAL PUBLIC AND THEIR PETS
USE OF LOOSE MATERIALS SUCH AS GRAVEL AND BARK MULCH ADJACENT TO PATHS AND ROADS	LOW	HAZARD TO USERS OF THE SITE IF BLOWN OR DISPLACED ON TO ROAD OR PATH, IT COULD BECOME A POSSIBLE SKID HAZARD TO VEHICLES
WORKING ON SLOPING GROUND	MEDIUM	HAZARD TO SAFETY OF WORKERS
WORKING ON OR ADJACENT TO THE HIGHWAY	HIGH	HAZARD TO SAFETY OF WORKERS AND HIGHWAY USERS
WORKING NEAR A WATERCOURSE	MEDIUM	HAZARD TO SAFETY OF WORKERS AND POLLUTION OF WATERCOURSE BY HERBICIDES, PESTICIDES AND OTHER WASTE
CONSTRUCTION OF PLAY AREAS	MEDIUM	HAZARD TO SAFETY OF PLAY AREA USERS

A list of JBA Consultancy Services Ltd Approved Landscape Contractors is available on request.

SPECIFICATION FOR "COVERTEX" SHEET MULCH FOR GRAVEL AREAS

INTRODUCTION

"COVERTEX" is a woven black polypropolene fabric, 102g/m2 which is manufactured in Ultraviolet resistant (black) form. This product is available from Hy-Tex U.K. Ltd., PO Box 97, Addington, Ashford, Kent, TN25 7EX. Telephone (01233) 720097.

SPECIFICATION

1. Prepare ground to ensure it is even and firm. For any planted or seeded patches of ground soil shall be lightly and evenly cultivated until friable.
N.B. Ensure that the finished soil level is even at least 55mm below adjacent pavement or grass levels to receive sheet mulch and gravel. For sloping beds ensure that soil levels are 55mm below pavements or grass areas within 600mm of bed edges, the remainder can slope.
2. Place "Covertex" 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 (from the back — see diagram below) at the extreme edge of the planting bed, or nail to concrete haunch of path edging with masonry nails 15 cm centres
4. Secure material in position by hammering in 300mm metal pegs at 500mm centres. (300mm centres Φ non buried edges) Metal hoops for pegging are available from Hytex Ltd.
5. Place any specimen plants on beds in intended positions.
6. Cut the fabric with sissors in "4" shape for each plant position, 400mm across.
7. Fit plant the specimen plants, holding back the flaps of fabric, and carefully replace around the stem. Spread topsoil under sheet if friable. Remove all 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 40mm of clean, washed, cream/buff coloured gravel, 20mm guage.
9. Finally, water the plants thoroughly ensuring that each plant receives 2 gallons of water if the soil is dry or in warm weather conditions, otherwise apply 25L/m2.

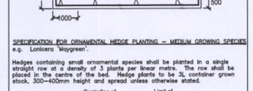
INSET:— LAYING SHEET MULCH FOR GRAVEL AREAS

NB DO NOT USE MYTEX FABRIC ON SLOPES GREATER THAN 1:4 WITHOUT THE USE OF GRAVEL BANDS AT 1 — 1.5m CENTRES ALONG THE CONTOURS TO RETAIN THE GRAVEL.

SPECIFICATION FOR HEDGE PLANTING

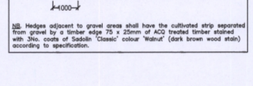
SPECIFICATION FOR ORNAMENTAL HEDGE PLANTING — LARGE GROWING SPECIES e.g. Viburnum tinus

Hedges containing large ornamental species shall be planted in a single straight row at a density of 3 plants per linear metre. The row shall be placed in the centre of the bed. Hedge plants to be 3L container grown stock, 400–600mm height and spread unless otherwise stated.



SPECIFICATION FOR ORNAMENTAL HEDGE PLANTING — MEDIUM GROWING SPECIES e.g. Lonicera 'Wogrynen'.

Hedges containing small ornamental species shall be planted in a single straight row at a density of 3 plants per linear metre. The row shall be placed in the centre of the bed. Hedge plants to be 3L container grown stock, 300–400mm height and spread unless otherwise stated.



NB. Hedges adjacent to gravel areas shall have the cultivated strip separated from gravel by a timber edge 75 x 25mm of ACQ treated timber stained with 2No. coats of Sadolin "Classic" colour 'Walnut' (dark brown wood stain) according to specification.

KEY

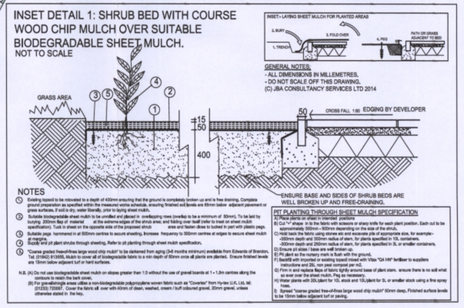
- PROPOSED STANDARD TREE, INCLUDING DOUBLE STAKE AND TIE. SEE SPECIFICATION NOTES A1, B3-3, B8, C1-4, D1-2 AND E1.
- PROPOSED HEAVY STANDARD TREE, INCLUDING DOUBLE STAKE AND TIE. SEE SPECIFICATION NOTES A1, B3-3, B8, C1-4, D1-2 AND E1.
- PROPOSED EXTRA HEAVY STANDARD TREE, INCLUDING UNDERGROUND GUYING SYSTEM. SEE SPECIFICATION NOTES A1, B3-3, B8, C1-4, D1-2 AND E1.
- PROPOSED EXTRA HEAVY STANDARD TREE IN PAVING WITH PERMEABLE RESIN BOUND TREE GRILL AND UNDERGROUND GUYING SYSTEM, FOR MORE DETAILS REFER TO DRAWING JBA 14 /62-07/3.
- PROPOSED CONIFER OR BROAD LEAF EVERGREEN TREE, INCLUDING STAKE AND TIE. SEE SPECIFICATION NOTES A1, B3-3, B8, C1-4, D1-2 AND E1.
- ROOT BARRIER, REROOT 1000 SUPPLIED BY GREENBLUE URBAN, CONTACT TEL: 01580 830 800 OR SIMILAR APPROVED
- SHRUB AND HERBACEOUS PLANTING, INCLUDING BIODEGRADABLE SHEET AND BARK MULCH (ACCORDING TO SPECIFICATION), SEE SPECIFICATION NOTES A1-2, B1-3, C1-3, D1-2 AND E1.
- 10L/15L SHRUB AND HERBACEOUS PLANTING, INCLUDING COVERTEX AND BARK MULCH (ACCORDING TO SPECIFICATION). SEE SPECIFICATION NOTES A1-2, B1-3, B8, C1-3, D1-2 AND E1.
- GROUNDCOVER PLANTING IN MIXES, INCLUDING BIODEGRADABLE SHEET AND BARK MULCH (ACCORDING TO SPECIFICATION). SEE SPECIFICATION NOTES A1-2, B1-3, C1-3, D1-2 AND E1.
- HEDGE PLANTING, INCLUDING BIODEGRADABLE SHEET AND BARK MULCH (ACCORDING TO SPECIFICATION). REFER TO HEDGE SCHEDULES ON PLANS AND THE SCHEDULE OF QUANTITIES. SEE SPECIFICATION NOTES A1-2, B1-3, B8, C1-3, D1-2 AND E1.
- 10/15L INSTANT HEDGE PLANTING WITH DEFINED MINUHEIGHT, INCLUDING BIODEGRADABLE SHEET AND BARK MULCH (ACCORDING TO SPECIFICATION). REFER TO HEDGE SCHEDULES ON PLAN AND THE SCHEDULE OF QUANTITIES. SEE SPECIFICATION NOTES A1-2, B1-3, B8, C1-3, D1-2 AND E1.
- HEDGE PLANTING, INCLUDING BIODEGRADABLE SHEET AND BARK MULCH (ACCORDING TO SPECIFICATION) INCLUDING TIMBER BOARD EDGING TO SEPARATE FROM GRAVEL AREA, REFER TO HEDGE SCHEDULES ON PLAN AND THE SCHEDULE OF QUANTITIES. SEE SPECIFICATION NOTES A1-2, B1-3, B8, C1-3, D1-2 AND E1.
- WASHED, ROUNDED, BUFF COLOURED GRAVEL, 20mm GAUGE, 40mm DEPTH, FINISHED LEVEL 15mm BELOW ADJACENT SURFACES. LAID OVER 'COVERTEX' OVER LIGHTLY CONSOLIDATED SUBGRADE.
- CULTIVATED TURF UNLESS OTHERWISE STATED ON PLAN. SEE SPECIFICATION NOTES B4, C5 AND E1.
- WILDFLOWER SEEDED AREA. REFER TO PLANT SCHEDULE FOR SPECIFICATION OF MIX.
- BULB PLANTING IN MIXES, SPRING FLOWERING VARIETIES, REFER TO SCHEDULE FOR FURTHER INFORMATION.
- CLIMBING SHRUB IN SHRUB BEDS, GRASS/ GRAVEL OR IN PITS IN PAVING. (SEE PLANS) CLIMBING VARIETIES (MARKED'T') SEE NOTE C7. SELF CLIMBING VARIETIES (MARKED'S') SEE NOTE C6. SEE SPECIFICATION NOTES C1-3, C8, D1-2 AND E1.
- SPECIMEN SHRUBS IN SHRUB BEDS OR PIT PLANTED IN GRASS/GRAVEL AREAS. SPECIMEN SHRUBS IN GRASS ARE MEASURED SEPARATELY IN SCHEDULE OF QUANTITIES. SEE SPECIFICATION NOTES A1, B1-3, C1-3, D1-2 AND E1.
- FOOTPATHS WITHIN OPEN SPACE AREAS AND PLAY AREA TO BE BITUMEN MACADAM TO ENGINEERS SPECIFICATION. EDGING TO BE PRE-CAST CONCRETE 50 x 150mm, SQUARE/FLAT TOPPED, UNO.
- TURF REINFORCEMENT TO BE GRASSCRETE AVAILABLE FROM GRASS CONCRETE LTD. TEL: 01924 379643 OR SIMILAR AND APPROVED.
- BAT BOXES — SCHWEGLER 2F. REFER TO MANUFACTURERS SPECIFICATIONS
- 1B1 BIRD BOXES,SCHWEGLER 1B, REFER TO MANUFACTURERS SPECIFICATIONS.
- 1B2 BIRD BOXES, REFER TO MANUFACTURERS SPECIFICATIONS.

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

BIGGER STOCK PLANTS AVAILABLE FROM :
BONINGALE NURSERIES TEL 01902 376500
OLD HALL NURSERIES TEL 0115 965 3303.
SEAGRAVE NURSERIES TEL 01509 621 300
ROBIN TACCHI PLANTS TEL 01953 681 312

FOR PLANT SCHEDULE REFER TO DRAWING JBA 14/ 52-03
FOR LAP DETAILS REFER TO DRAWING JBA 14/ 52-04 & 05

INSET DETAIL 1: SHRUB BED WITH COURSE WOOD CHIP MULCH OVER SUITABLE BIODEGRADABLE SHEET MULCH.
NOT TO SCALE



NOTES
1. Existing topsoil to be rotovated to a depth of 400mm ensuring that the ground is completely broken up and is free draining. Complete ground preparation as specified within the measure works schedule, ensuring finished soil levels are 65mm below adjacent pavement or grass surfaces, if soil is dry, water liberally, prior to laying sheet mulch.
2. Suitable biodegradable sheet mulch to be unrolled and placed in overlapping rows (overlap to be a minimum of 50mm). To be laid by turning 200mm flap of material at the extreme edges of the shrub area, and folding over itself (refer to inset on sheet mulch details on this page). Peg down at 500mm centres (300mm at edges) and beds less than 1m wide. Pegging this densely is essential to prevent flaps of material becoming exposed. Refer to the specification for biodegradable sheet mulch on plan.
3. Suitable pulp, harrowed in at 60l/m3 centres to secure sheeting. Access - Frequency to 300m centres at edges to secure sheet mulch at margins.
4. Rapidly knit pit plant shrubs through sheeting. Refer to pit planting through sheet mulch specification.
5. "Coarse grades hoes/rakes large wood chip mulch" to be darkened from aging (3/4 months minimum) available from Bolworth of Swanton, Sittingbourne, Kent, ME9 8HS, Mulch 2 - 4 cm deep around all plants and shrubs as detailed. Ensure finished levels are 10mm below adjacent turf or hard surfaces.
6. "Coarse grades hoes/rakes large wood chip mulch" to be darkened from aging (3/4 months minimum) available from Bolworth of Swanton, Sittingbourne, Kent, ME9 8HS, Mulch 2 - 4 cm deep around all plants and shrubs as detailed. Ensure finished levels are 10mm below adjacent turf or hard surfaces.

N.B. (A) Do not use biodegradable sheet mulch on slopes greater than 1:3 without the use of gravel boards at 1 – 1.5m centres along the contours to retain the bark mixed.
(B) Alternatively, use "Covertex" a non-biodegradable polyprolene woven fabric such as "Covertex" from Hy-tex (U.K. Ltd, tel. (01233) 720097. Cover the fabric all over with 40mm of clean, washed, cream / buff coloured gravel, 20mm gravel, unless otherwise stated in the key.

PIT PLANTING THROUGH SHEET MULCH SPECIFICATION

1) Plant pits to be excavated to the following minimum dimensions:
a) Cut "T" shape in to the fabric with scissors or sharp knife for each plant position. Each cut to be 400mm across. Fold back the flaps of fabric and dig a hole for the plant.
b) Add back the fabric using straws etc and excavate pits of appropriate size, for example:- 450mm depth and 350mm radius of stem, for plants specified in 10L containers.
600mm depth and 350mm radius of stem, for plants specified in 3L or smaller containers.
2) Ensure that when trees are set into pits, the root collar is level with the ground.
3) Fill pits with backfilling mixture and firm in around the ground.
4) Carefully knit (secure) the existing mulch sheet with Hex "GA HW" fertilizer to suppliers instructions and 20L non peat compost per m².
5) Water plants with 20L/plant for 10L stock and 50L/plant for 3L or smaller stock and make sure at least one the shoots is left. Peg as necessary.
6) Water plants with 20L/plant for 10L stock and 10L/plant for 3L or smaller stock using a fine spray attachment.
7) Finish "coarse grades hoes-of-fine large wood chip mulch" 60mm deep. Finished surface levels to be 10mm below adjacent turf or paving.

BS 3882:2007 Specification for topsoil and requirements for use

7	16.12.15	NB	AMENDED TO SUIT LANDSCAPE PROPOSALS AND COMMENTS RECEIVED 30.11.15				
6	30.11.15	NB	AMENDED TO SUIT LANDSCAPE PROPOSALS AND COMMENTS RECEIVED 30.09.15				
5	30.09.15	NB	AMENDED TO SUIT PLANTING AND COMMENTS RECEIVED 03.09.15				
4	03.09.15	NB	AMENDED TO SUIT LANDSCAPE PROPOSALS AND COMMENTS RECEIVED 30.07.15				
3	30.07.15	NB	AMENDED TO SUIT TREE SPECIES COMMENTS RECEIVED 30.06.15				
2	30.06.15	NB	AMENDED TO SUIT LANDSCAPE PROPOSALS				
1	15.05.15	NB	AMENDED TO SUIT COMMENTS RECEIVED 30.04.15 AND PLANT STOCK AMENDMENTS				
REV.	DATE	DETAILS	DETAILS				

CLIENT: LINDEN HOMES
DWG. TITLE: DETAILED SOFT LANDSCAPE PROPOSALS FOR PLOTS AND POS
SITE: KINGSMERE, BICESTER
PURPOSE OF ISSUE: PLANNING
DRG BY: JBA | CHECKED: | AUTH'D: | SCALE: 1:250@A3 | DATE: MAR15 | DWG NO.: JBA 14/62-01 | REV.: V

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LANDSCAPE ARCHITECTURE ⊕ ARBORICULTURE ⊕ ECOLOGY

OUTLINE LAYOUT PROPOSALS
This drawing is for comment only
and is not to be used for tender or construction.
Planting to be detailed upon request.

LANDSCAPE PROGRAMMING
DUE TO NATIONAL PLANT SHORTAGE: PLANTS MAY TAKE UP TO 4 WEEKS TO BE DELIVERED. EARLY LEAD-IN FOR SOFT LANDSCAPE IS ESSENTIAL.

16/00014/NMA