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. Failure fo 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 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. If the bed is sealed with concrete, then the landscape contractor shall 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 recultivate them to the specified width at his own expense.

B) Ground preparation

D) Mulch

1. When specified by the additional specification notes on this plan, supply and spread suitable biodegradeable sheet mulch over planting, and peg evoiusly, cultivated, graded and tertilized topsoil before planting, and peg evoiusly, cultivated, graded and stread suitable biodegradeable sheet mulch over planting and spread suitable before planti A) Setting out 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: 2012 and BS 6549:1999.
3998: 2010 (recommendations for tree works) unless otherwise specified. Arboricultural Association - Standard Conditions of Contract and Specifications of Tree Works 1996.
C) Nursery stock in accordance with latest horticultural trade association nursery. B) Ground preparation

B) Ground preparation

1. Pre-planting herbicide application:Apply by suitable spraying aparatus, an approved translocated systemic herbicide to the manufacturer's 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. If none are showing, but there manufactly if any weeds are present. If none are showing, but there may be a delay before planting, or the area is to be seeded, 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 rake off all dead material from site.

2. Carry out the following works to the existing topsoil on site to ensure it Conforms to BS 3882:2007, being free from rocks larger than 50m diameter, concrete all rosk wire brick and have a degree than 50m diameter, concrete all rosk wire brick and have a general purposes.

cost. Repear as necessary to ensure complete kill and rake off all dead material from site.

2. Carry out the following works to the existing topsoil or an site to ensure it Conforms to Bs 3882.2007. being free from rocks larger than 50m diameter, concrete, all roots, wire, brick, and have less than 20% challow for pre-application of herbicide as above. Fertilise with 100g per meter square of Horitbase CRF (16-8-12) slow release fertilizer, in manufacturer's inecordance with the amulacturer's inecordance with the amulacturer's inecordance with 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 500mm centres to a depth of 500mm, exept 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 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, (90mm below where agro-textile set mulch is not specified), within 400-600mm of edges to ensure bark or wood chip mulches are relained. Where grass is proposed, then the soil level shall be flush (maximum 10mm below - but never proud) of adjacent grass or paved surfaces, contractor shall allow for adjustment of levels, as specification even where the developer and/or main contractor have failed to supply and spread topsoil to the recessed 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 greaded to the specified levels below pavement & grass or surfaces within 400mm of the edges of the beds. This is to allow for sheet mulch and bark or wood chip mutch so that mulch does not spill out on topavements and also to allow surfa

4. For sloping areas to be turfed adjacent to paved areas, topsoil levels shall be graded flush with the finished 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 tropoil (where areas for the beds will become waterloged in wet weather and the plants and turf will die.

2. Top soil spread from on site should be to the following minimum depths:

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, rocks, wire and brick, and have less than greater than 20% clay. Such soil shall be cultivated as set out above. 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, and also for maintenance requirements.

2. No substitutions will be accepted 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 f50mm allow for excavation of 415mm of the subgrade for shrub beds to leave beds 65mm below finished pavement beds 65mm below frinished pavement beds 65mm below frinished pavement shall be subgrade for shrub beds to the following minimum depths: Shrub beds: 350mm. Grass areas f50mm. allow for excavation of 415mm of the subgrade for shrub beds to the following minimum depths: Shrub beds: 350mm. Grass areas f50mm allow for excavation of 415mm of the subgrade for shrub beds to the following minimum depths: Shrub beds: 350mm. Grass areas f50mm allow for excavation of 415mm of the subgrade for shrub beds to the following minimum depths: Shrub beds: 350mm. Grass areas f50mm allow for excavation of 415mm of the subgrade for shrub beds to the following minimum depths: Shrub beds: 350mm. Grass areas f50mm. Blow for excavation of 415mm of the subgrade for shrub beds to the following minimum depths: Shrub beds: 350mm. Grass areas f50mm. Blow fo

planting, furfing, and standard trees, and also for 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 stock size, species or 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 associated notes, (3L pots are 19cm diameter and 15cm deep). All shrubs, (other than 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 shrub. This specification is the minimum standard required and any stock falling 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 an and also accepted without the proposed large feathered or an and problems will be encountered.

3. Existing topsoil and imported soil shall conform to BS 3882:2007, and be free from compaction, rocks/bricks greater than 50mm diameter, concrete, wire free from compaction, rocks/bricks greater than 50mm dameter, concrete, wire, roots, debris, oil, cement and builders rubble. Soil shall be reconverted.

4. Proposed large feathered on the ground in the shall be accepted free from compaction, rocks/bricks greater than 50mm dameter, concrete, wire, roots, debris, oil, cement and builders rubble. Soil shall be reconverted.

5. Litration to BS 3882:2007, and be free from compacti

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.

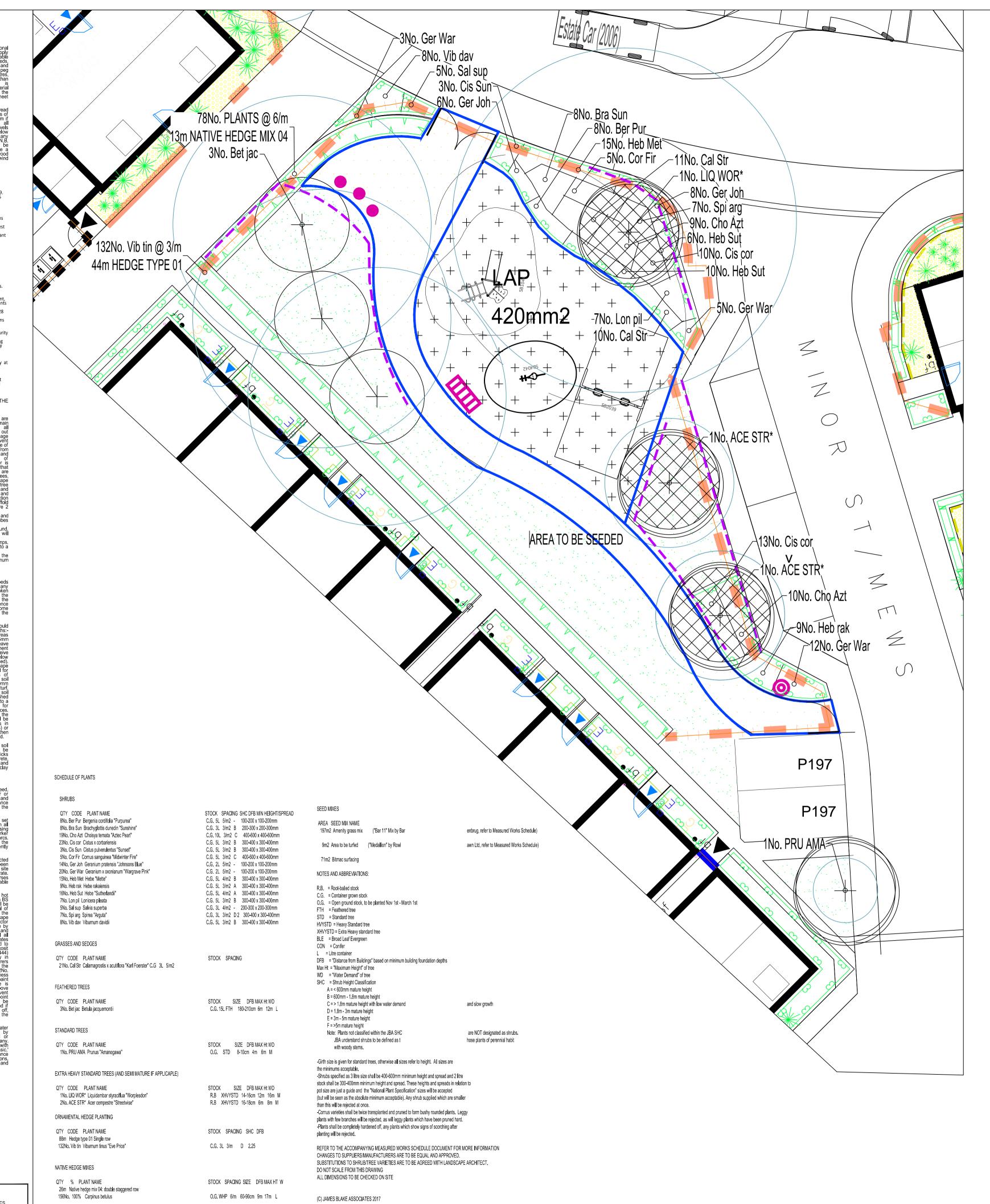
4. Proposed large feathered or standard trees to be true to the species, variety and size as specified on the planting plan, to include 1.6m cheshrut stake 600mm above ground and 1000mm below ground) and 1No. sackcloth tie with spacing device positioned 25mm maximum from the top of the post.

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 where wall frence with heavy duty, leastic coated garden wire. Training shall be trained to the wall/fence with heavy duty, leastic coated garden wire. Training shall be trained to the wall/fence with heavy duty, leastic coated garden wire. Training shall be trained to the wall/fence with heavy duty, leastic coated garden wire. Training shall be trained to the wall/fence with heavy duty, leastic coated garden wire. Training shall be trained to the wall/fence and string the wire lightly between the fixings. Train the climber to the wire with plastic coated garden wire space is restricted). Include for adapting any panels for locations where walls or fences by mounting ready-made trellis panels 18 x 18m generally (but 1.8 x 0.6m for corners or where space is restricted). Include for adapting any 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 twinning of stems. Ensure that the panel is not in contact with the ground. Train the climbing shrub to the wood spacing blocks to ensure that the panel is not in contact with the ground. Train the climbing shrub to the fermio

8. Climbers specified outside proposed shrub beds shall have specially prepared climber pits. Climber pits shall be 400mm x 400mm 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 Hortibase CRF (16-8-12) slow release fertilizer. Water with 15 litres of water per climber pit.

GENERAL NOTES ALL DIMENSIONS IN MILLIMETRES OO NOT SCALE OFF THIS DRAWING ALL DIMENSIONS TO BE CHECKED ON SITE)JAMES BLAKE ASSOCIATES LTD 2017

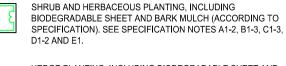




PROPOSED FEATHERED TREE, INCLUDING STAKE AND TIE. SEE SPECIFICATION NOTES A1, B2-3, B5, C1-4, D1-2 AND E1.



PROPOSED EXTRA HEAVY STANDARD TREE, INCLUDING DOUBLE STAKE AND TIE. SEE SPECIFICATION NOTES A1, B2-3, B5, C1-4,



HEDGE PLANTING, 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, B5, C1-3 D1-2 AND E1.

CULTIVATED TURF UNLESS OTHERWISE STATED ON PLAN. SEE SPECIFICATION NOTES B4, C5 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.

PLAY AREA EQUIPMENT AND SAFETY SURFACING BY MIRACLE PLAY TEL. 01604 658 240. MIRA TODDLER SWING SB 2039

HORSE SPRING ROCKER SB 4042

MULTIPLAY UNIT SB 1044

SAFETY SURFACING TO BE WETPOUR (RUBBA SMART) SAFETY SURFACING. AVAILABLE FROM PLAY SMART UK LTD

BENCH BY MIRACLE PLAY SB5048 BIN WITH LID BY MIRACLE PLAY SB 5083

TEL.01564742811 OR SIMILAR AND APPROVED.

3 X ART SEATS COLOUR RED BY BJB INNOVATIONS TEL. (01787)

FOOTPATHS WITHIN PLAY AREA TO BE BITUMEN MACADAM TO ENGINEERS SPECIFICATION, EDGING TO BE PRE-CAST CONCRETE 50 x 150mm, SQUARE/FLAT TOPPED, LAID FLUSH

BOWTOP RAILING BY MIRACLE PLAY

APPROXIMATE TREE GROWTH AFTER 25YEARS.

PCC EDGDING SIZE: 915 x 250 x 50mm, AVAILABLE FROM MARSHALLS: CONTACT TEL.(03702412463) OR SIMILAR AND APPROVED. LAID FLAT TO RAISED PLANTER AREAS LAID WITH UPSTAND OF 150mm. TO BE BEDDED INTO C:20:P INSITU CONCRETE STRIP FOUNDATION HAUNCHED TO ENGINEERS

TREE ROOT BARRIER SUCH AS RE-ROOT 2000 BY GREEN BLUE

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

> SPECIFICATION FOR "COVERTEX" SHEET MULCH FOR PLANTED AREAS

INTRODUCTION

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

1. Prepare and Cultivate imported or existing topsoil including fertlizers as necessary and

water to field capacity. N.B. Ensure that the finished soil level is at least 65mm below adjacent pavement 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.

Place covertex sheet mulch over soil to be planted. Unroll materials, placing in overlapping rows (overlap to be no less than 50mm)

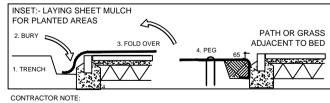
 Bury 200mm flap of material at the extreme edges of the planting bed, or nail to concrete haunch
of path edging with masonary nails @ 1m centres Secure material in position by hammering in 300mm metal pegs at 500mm centres. (300mm centres @ edges of beds) Metal hoops for pegging purposes.

Place plants on beds in intended positions. 6. Cut the fabric with sissors in "+" shape for each plant position, 400mm across.

Pit plant the 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

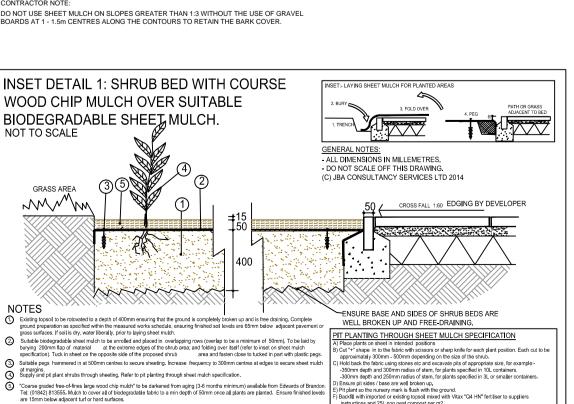
8. Once all the plants are planted, cover the fabric all over with 50mm of Melcourt Industries

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).



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 cover.
(B) For gravelshingle areas utiles a non-biodegradable polypropylene woven fabric such as "Covertex" from Hy-tex U.K. Ltd. lef. (01233) 720097. Cover the fabric all over with 40mm of clean, washed, cream / buff coloured gravel, 20mm gravel, unless otherwise stated in the key.

BOARDS AT 1 - 1.5m CENTRES ALONG THE CONTOURS TO RETAIN THE BARK COVER



and replace flaps of fabric tightly around base of plant stem. ensure there is no soil what

over the sheet mulch. Peg as necessary. lants with 20L/plant for 10L stock and 10L/plant for 3L or smaller stock using a fine spray

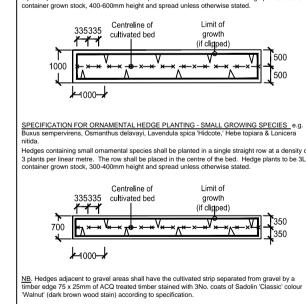
l "coarse graded free-of-fines large wood chip mulch" 50mm deep. Finished surface m below adjacent turf or paving.











This drawing is for planning comment only and is not to be used for tender or construction.

Tel: (01787) 248216 Fax: (01787) 247264

jamesblake@jba-landmarc.com www.jba-landmarc.com LANDSCAPE ARCHITECTURE o ARBORICULTURE o ECOLOGY

SPECIFICATION FOR HEDGE PLANTING

SPECIFICATION FOR NATIVE AND SEMI-NATIVE HEDGES e.g. Mixed native species, Carpinus betulus & Fagus sylvatica.

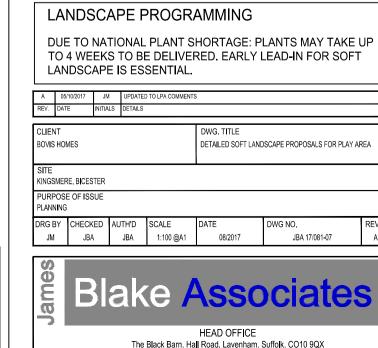
PECIFICATION FOR ORNAMENTAL HEDGE PLANTING - LARGE GROWING SPECIES e.g.

set 335mm apart at a density of 6 plants per linear metre. The two rows shall be placed in the centre of the bed and shall be offset so that the plants are alternate and not opposite each othe

cultivated bed

Plants to be open ground stock 600-900mm high.

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OUTLINE LAYOUT PROPOSALS

Planting to be detailed upon request.