HEALTH AND SAFETY RISK ASSESSMENT PROPOSED STANDARD I REE, INCLUDING BOOBLE STAKE AND TIE. SEE SPECIFICATION NOTES A1, B2-3, B5, C1-4, D1-2 AND E1. PROPOSED STANDARD TREE, INCLUDING DOUBLE When specified by the additional specification notes on this plan, supply and spread suitable biodegradeable. This Risk Assessment has 2 purposes: 1. To identify any significant hazards related to design work by James Blake Associates. A PROPOSED HEAVY STANDARD TREE, INCLUDING DOUBLE STAKE AND TIE. SEE SPECIFICATION NOTES A1, B2-3, B5, C1-4, D1-2 AND E1. 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 fertilized topsoil before planting, and peg down at a minimum of 500mm centres, accord with Regulation 13 (Requirements of the Designer) of the CDM Regulations 1994 (amended (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 PROPOSED EXTRA HEAVY STANDARD TREE, INCLUDING 2. To identify some potential hazards which though not related to design work by James Blake UNDERGROUND GUYING SYSTEM. SEE SPECIFICATION Associates, may be more apparent to a Landscape/Arboricultural Consultant than others. NOTES A1, B2-3, B5, C1-4, D1-2 AND E1. The following list is not exhaustive and a certain level of Health and Safety management is PROPOSED EXTRA HEAVY STANDARD TREE IN PAVING assumed (reference to Management of Health and Safety at Work Regs 1999; Provision and Use of mulch on plan. WITH PERMEABLE RESIN BOUND TREE GRILL AND Work Equipment Regs 1998; Personal Protective Equipment at Works Regs 2002; Manual Handling 2. Following planting supply and spread evenly Melcourt Industries "Edwards of UNDERGROUND GUYING SYSTEM. FOR MORE DETAILS Operations Regs 1992 etc). REFER TO DRAWING JBA 14 /42-DT3. Brandon" to a depth of 50mm, (75mm if no sheet mulch specified), over all planted areas. Finished mulch levels RISK LEVEL | HAZARD/RISK PROPOSED CONIFER OR BROAD LEAF EVERGREEN TREE, INCLUDING STAKE AND TIE. SEE SPECIFICATION HAZARD TO SAFETY OF WORKERS, USERS OF ADJACENT EXCAVATION, CONSTRUCTION, COMPACTION AND shall be no higher than 15mm below NOTES A1, B2-3, B5, C1-6, D1-2 AND E1. LAND AND FUTURE USERS OF THE SITE BY DAMAGED payement or grass levels to avoid any SOIL PREPARATION NEAR EXISTING TREES BOTH spillage onto pavements or lawns. N.B ∼5No. Ski Rub ∼6No. Spi Gol ON AND OFF THE SITE no substitution of mulch type will be acceptable. It is essential to have a SHRUB AND HERBACEOUS PLANTING, INCLUDING BIODEGRADABLE SHEET AND BARK MULCH (ACCORDING no-fines, large particled, brown wood TO SPECIFICATION). SEE SPECIFICATION NOTES A1-2, WORKING NEAR OR ADJACENT TO DAMAGE TO SERVICES AND HAZARD TO SAFETY OF OVERHEAD/UNDERGROUND SERVICES blow and prevent rapid break down. NATIVE HEDGES, POISONOUS AND THORNY PLANTS LOW HAZARD TO SAFETY OF PEDESTRIANS GROUNDCOVER PLANTING IN MIXES, INCLUDING IN PROXIMITY TO PATHS AND ENTRANCES BIODEGRADABLE SHEET AND BARK MULCH (ACCORDING 1. All workmanship and materials shall TO SPECIFICATION. SEE SPECIFICATION NOTES A1-2, form to the following codes:-HAZARD TO SAFETY OF OPERATIVES, GENERAL PUBLIC USE OF PESTICIDES, HERBICIDES AND MEDIUM/HIGH General landscape operations excluding hard surfaces) - BS 4428:1989.
 Trees in relation to construction- BS B1-3, C1-3, D1-2 AND E1. HEDGE PLANTING, INCLUDING BIODEGRADABLE SHEET USE OF LOOSE MATERIALS SUCH AS GRAVEL AND HAZARD TO USERS OF THE SITE IF BLOWN OR 12 and BS 6549:1999. BS AND BARK MULCH (ACCORDING TO SPECIFICATION). DISPLACED ON TO ROADS OR PATHS. IT COULT BARK MULCH ADJACENT TO PATHS AND ROADS .998:2010 (recommendations for tree REFER TO HEDGE SCHEDULES ON PLAN AND THE works) unless otherwise specified BECOME A POSSIBLE SKID HAZARD TO VEHICLES SCHEDULE OF QUANTITIES. SEE SPECIFICATION NOTES nditions of Contract and Specifications Tree Works 1996. A1-2, B1-3, B5, C1-3, D1-2 AND E1. WORKING ON SLOPING GROUND HAZARD TO SAFETY OF WORKERS MEDIUM Nursery stock in accordance with latest horticultural trade association nursery stock specification entitled "National Plant HEDGE PLANTING, INCLUDING BIODEGRADABLE SHEET WORKING ON OR ADJACENT TO THE HIGHWAY HIGH HAZARD TO SAFETY OF WORKERS AND HIGHWAY USERS AND BARK MULCH (ACCORDING TO SPECIFICATION) INCLUDING TIMBER BOARD EDGING TO SEPARATE FROM lants shall conform to: BS 8545 : 2014 Trees from Nursery to MEDIUM HAZARD TO SAFETY OF WORKERS AND POLLUTION OF WORKING NEAR A WATERCOURSE GRAVEL AREA, REFER TO HEDGE SCHEDULES ON PLAN WATERCOURSE BY HERBICIDES, PESTICIDES AND OTHER dependence in the Landscape 3S 3936-1 : 1992 Nursery Stock AND THE SCHEDULE OF QUANTITIES, SEE SPECIFICATION NOTES A1-2, B1-3, B5, C1-3, D1-2 AND E1. cification for trees and shrub CONSTRUCTION OF PLAY AREAS HAZARD TO SAFETY OF PLAY AREA USERS 3S 3936-2 : 1990 Nursery Stock-WASHED, ROUNDED, BUFF COLOURED GRAVEL, 20mm pecification for roses + AMD 6628. 3S 3936- 4: 2007 Nursery stock-GAUGE, 40mm DEPTH, FINISHED LEVEL 15mm BELOW *A list of JBA Consultancy Services Ltd Approved Landscape ecification for forest trees. S 3936-9: 1998 Nursery stock-ecification forbulbs, corms and tubers. ADJACENT SURFACES, LAID OVER 'COVERTEX' OVER Contractors is available on request. LIGHTLY CONSOLIDATED SUBGRADE. S 3936-10 : 1990 Nursery stock-CULTIVATED TURF UNLESS OTHERWISE STATED ON ecification for ground cover shrubs. SE-Committee for Plant Establishment PLAN. SEE SPECIFICATION NOTES B4, C5 AND E1. 96, Part 3, paragraphs 6.2 to 6.6. Glossary for Landscape Works BS 4428 WILDFLOWER SEEDED AREA. REFER TO PLANT SCHEDULE FOR SPECIFICATION OF MIX. Furf - BS 3969:1998- recommendations -6No. Ber Pur-F) Seeding - EEC Regulations 1974. Use blue labelled certified varieties to EC purity and germination regulations. When BULB PLANTING IN MIXES, SPRING FLOWERING VARIETIES, REFER TO SCHEDULE FOR FURTHER 6No. Heb Met iested, submit an officia seed Testing CLIMBING SHRUB IN SHRUB BEDS, GRASS/ GRAVEL OR Station Certificate of germination, purity IN PITS IN PAVING, (SEE PLAN), TWINING VARIETIES (MARKED'T') SEE NOTE C7. SELF CLIMBING VARIETIES) Pesticides: Control of Pesticides egulations 1997; The Health and Safety at Vork Act 1974; the COSHH Regulation (MARKED'S') SEE NOTE C6. SEE SPECIFICATION NOTES 2003, the product COSHH sheet Water Supply (Water Quality.) Regulations amended 2000; Control of Pollution Act 1974; Hedgerow ACT 1997; Wildlife and Countryside Act 1981; Countryside and 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, Rights of way Act 2000. NOTES FOR THE TURF REINFORCEMENT TO BE GRASSCRETE AVAILABLE FROM GRASS CONCRETE LTD. TEL: 01924 379443 OR services, or within 10 meters of tree SIMILAR AND APPROVED. 1. Any existing trees to be retained, are the responsibility of the main SMART POLYURETHANE 77% RECYCLED MATERIAL contractor on site who shall take all SEATS 620mm IN DIAMETER, 450mm HIGH ABOVE necessary protective measures set out in BS 5837:2012 to ensure no damage GROUND LEVEL. 2x 3 TRAFFIC RED (RAL 3020), 1X 3 OLIVE GREEN (RAL 6003), AVAILABLE FROM BOLLARDS INTERNATIONAL TEL: compaction from vehicles or storage of 01485 601145) OR SIMILAR AND APPROVED. materials, contamination of soil spilages, scorching from fires and instability or stress from changes of LITTER BIN TO BE PORTMAN GALVANIZED STEEL &TIMBER LITTER BIN PS 525T AVAILABLE FROM soil level. The landscape contractor is FURNITUBES INTERNATIONAL TEL. 020 8378 3200 OR however responsible for ensuring that neither plant, materials or labour are SIMIAL AND APPROVED. FARTH MOUNDS TO BE FORMED AROUND PLAY ARE and like the employer. the landscape AS PER CONTOURS AND SPOT HEIGHTS ON PLAN. contractor shall replace at once any tree PLAY BOULDERS VARIOUS GAUGES 400-1200mm lanting a tree of the same species and ROUNDED OFF EMBEDDED 1/3 ON THE GROUND, size, at his own cost Protection parriers will comprise a scaffold √5No. Bra Sun AVAILABLE FROM CED LTD. TEL. 01708 867237 OR framework in accordance with Figure 2 of BS 5837:2012 (The BS). — 3No. KNI CAU √ 3 SIMILAR AND APPROVED. —5No. Heb Met The framework will consist of vertical and horizontal scaffolds with vertical tubes PLAY TREE TRUNKS, VARIOUS SIZES MIN. 3m LONG, MADE SAFE FOR PLAY, AVAILABLE FROM RUSKINS TEL. spaced at no more than 3m 01277849990 OR SIMILAR AND APPROVED. intervals and driven into the ground 5m HEDGE TYPE 01 Weld mesh (Heras or similar) panels will KNEE RAIL, 450mm HIGH, TIMBER POST AND TIMBER 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. 5No, Pho Jes-Supporting struts will be fixed to the inside of the barrier to ensure maximum SEE SEPARATE EXTERNAL LAYOUT DRAWINGS (BY DEVELOPER) FOR 6No. Heb Met 1No. THU SMA SPECIFICATIONS AND ARRANGEMENT OF FENCING AND OTHER HAR B) Ground work GRAVEL OVER GEOTÉXTILE 6No. Pho Jes 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. ►5No. Cis cor ~1No. THU SMA ∼6No. Euo Aur : >15m2 BULB PLANTING MIX A −3No. GEU MRS ∠3No. Spi Gol -6No. Heb Mid -1No. Hed col (S) 7No. Euo Aur Top soil spread from on site should e to the following minimum depths:-Shrub beds: 350mm. Grass areas 50mm. allow for excavation of 415mm of the subgrade for shrub beds to leave or grass areas in order to receive sheet and bark mulch, (90mm below where sheet mulch is not to be used). ∑5No. Euo Bra 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. Tree pits will be dug by the landscape 6No. Heb Met contractor. Top soil shall be spread for grass areas flush with any areas of paving and after settlement, the soil −5No, Lav Hid level should be no greater than 10mm below paved areas to allow for turk For areas to be grass seeded, the soil level shall be flush with any finished paved surfaces after settlement (or to a maximum of 5mm below) to allow for √5No. Spi Gol 16m HEDGE TYPE 01 Settlement shall be no greater than the tolerances given or problems will be encountered with mowing (the blades in SPECIFICATION FOR "COVERTEX" SHEET ∑5No. Vib dav 3No. Heb Met 3No. HEL NIG 3No. Euo Eme danger of touching concrete edgings) o where soil is proud of pavements, the MULCH FOR GRAVEL AREAS drainage problems will be encountered. ∑5No. Ber Pur N2 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, roots, debris, oil, cement and builders rubbe. Soil shall have a clay content of lobe. 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 content of less than 20%. 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 SPECIFICATION Prepare ground to ensure it is even and firm. For any planted or 87No. Vib tin @ 3/m seeded patches and areas the soil shall be lighting and evenly 29m HEDGE TYPE 01. Hard works, unless otherwise agreed, cultivated until friable. shall be carried out by the developer or main contractor, and all materials and 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 workmanship shall be in accordance beds ensure that soil levels are 55mm below pavements or grass areas with the construction details and the within 600mm of bed edges, the remainder can slope. Place "Covertex" sheet mulch over soil to be planted. Unroll materials, 2. All paths and edgings shall be set out properly to lines and radii, with all placing in overlapping rows (overlap to be no less than 50mm). Bury 200mm flap of material (from the back — see diagram below) at the 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. ∠6No. Heb Met extreme edge of the planting bed, or nail to concrete haunch of path edging with masonary nails @ 1m centres 1No. NEP SIX Secure material in position by hammering in 300mm metal pegs at 1No. NEP SIX 5No. Heb Met 500mm centres. (300mm centres @ non buried edges) Metal hoops for the landscape architect. pegging are available from Hytex Ltd. 72No. Vib tin @ 3/m Place any specimen plants on beds in intended positions. Hard surfaces shall be constructed ∑24m HEDGE TYPE 0⁻ after suitable base courses have been laid, taking full account of local site conditions, soft spots and substrate. The indicative depths of base courses 6. Cut the fabric with sissors in "+" shape for each plant position, 400mm 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 Pit plant the specimen plants, holding back the flaps of fabric, and 3No. Pru Ott carefully replace around the stem. Spread topsoil under sheet if friable. are minimum depths assuming suitable Remove all compacted topsoil clods from site, ensure no soil is left on AREA TO BE SEEDED 8. Once all the plants are planted, cover the fabric all over with 40mm dipped galvanized in accordance with Bt EN ISO1460. The galvanizer of all the second s of clean, washed, cream/buff coloured gravel, 20mm guage. EN ISO1460. The galvanizer shall be responsible for the thorough removal of 9. Finally, water the plants thoroughly ensuring that each plant receives 2 all galvanizing smuts (fettling) to the omplete satisfaction of the Landscape gallons of water if the soil is dry or in warm weather conditions, otherwise apply 25L/m2. ►3No. AQUIVUI The decorating contractor INSET:- LAYING SHEET shall prepare the galvanized surface by washing with detergent and water and scrubbing with a scouring pad until all dirt, grease, white rust & sulphates MULCH FOR GRAVEL AREAS ADJACENT TO BED FOLD OVER \ applied with a turkhead brush strictly in instructions, COSHH regulations and the product COSHH sheet. Apply 2No. coats of paint with a dry film thickness NB DO NOT USE HYTEX FABRIC ON SLOPES GREATER THAN 1:4 00 microns per coat. Apply paint when galvanized surface is WITHOUT THE USE OF GRAVEL BOARDS AT 1 - 1.5m CENTRES ALONG THE CONTOURS TO RETAIN THE GRAVEL. ughly dry jat temperatures above five degrees celsius and in any event above the current dew point temperature. Paint work will be coated garden wire. Training wires shall be attached vertically to the subject to inspection by experts and i wall/fence by means of 125mm long stainless steel eye screw fittings.
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 found wanting, shall be stripped of re-prepared and applied entirely at the **INSET DETAIL 1: SHRUB BED WITH COURSE** decorating contractors own cost. INSET:- LAYING SHEET MULCH FOR PLANTED AREAS SPECIFICATION FOR HEDGE PLANTING 5. All wood work to use ACQ water WOOD CHIP MULCH OVER SUITABLE based wood preservative applied by vacuum pressure by Permawood of BIODEGRADABLE SHEET, MULCH. other similar and approved company.
The timber shall then be stained with 3No. coats of Sadolin 'Classic,' colour 'Walnut' strictly in accordance with the manufacturers instructions. <u>SPECIFICATION FOR ORNAMENTAL HEDGE PLANTING — LARGE GROWING</u> SPECIESe.g. Viburnum tinus, NOT TO SCALE **OUTLINE LAYOUT PROPOSALS** Hedges containing large ornamental species shall be planted in a single GENERAL NOTES: straight row at a density of 3 plants per linear metre. The row shall be This drawing is for comment only - ALL DIMENSIONS IN MILLEMETRES. placed in the centre of the bed. Hedge plants to be 3L container grown stock, 400—600mm height and spread unless otherwise stated. - DO NOT SCALE OFF THIS DRAWING. and is not to be used for tender or construction. (C) JBA CONSULTANCY SERVICES LTD 2014 Planting to be detailed upon request. cultivated bed CROSS FALL 1:60 EDGING BY DEVELOPER 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. SPECIFICATION FOR ORNAMENTAL HEDGE PLANTING - MEDIUM GROWING SPECIES wood stain such as Sadolin "Classic" walnut or similar and approved. Ensure that the trellis is not in contact with the e.g. Lonicera 'Maygreen'. DETAILED SOFT LANDSCAPE PROPOSALS INDEN HOMES Hedges containing small ornamental species shall be planted in a single ground. Train the climbing shrub to the trellis with plastic coated garden wire straight row at a density of 3 plants per linear metre. The row shall be ENSURE BASE AND SIDES OF SHRUB BEDS ARE Existing topsoil to be rotovated to a depth of 400mm ensuring that the ground is completely broken up and is free draining. Complete placed in the centre of the bed. Hedge plants to be 3L container grown WELL BROKEN LIP AND FREE-DRAINING stock, 300-400mm height and spread unless otherwise stated. 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 Centreline of FOR PLANT SCHEDULE REFER TO DRAWING JBA 14/52-03 purying 200mm flap of material at the extreme edges of the shrub area; and folding over itself (refer to inset on sheet mulch B) Cut "+" shape in to the fabric with scissors or sharp knife for each plant position. Each cut to b 335335 cultivated bed
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 specification). Tuck in sheet on the opposite side of the proposed shrub area and fasten close to tucked in part with plastic pegs. approximately 300mm - 500mm depending on the size of the shrub.

C) Hold back the fabric using stones etc and excavate pits of appropriate size, for example:-1 1 1 (if clipped) 3) Suitable pegs hammered in at 500mm centres to secure sheeting. Increase frequency to 300mm centres at edges to secure sheet mulch -350mm depth and 300mm radius of stem, for plants specified in 10L containers. 4) Supply and pit plant shrubs through sheeting. Refer to pit planting through sheet mulch specification. -300mm depth and 250mm radius of stem, for plants specified in 3L or smaller containers.

D) Ensure pit sides / base are well broken up. (5) "Coarse graded free-of-fines large wood chip mulch" to be darkened from aging (3-6 months minimum) available from Edwards of Brandon. HEAD OFFICE The Black Barn, Hall Road, Lavenham, Suffolk, CO10 9QX Tel: (01787) 248216 Fax: (01787) 247264 E) Pit plant so the nursery mark is flush with the ground el: (01842) 813555. Mulch to cover all of biodegradable fabric to a min depth of 50mm once all plants are planted. Ensure finished levels instructions and 25L non peat compost per m2. jamesblake@jba-landmarc.com 5) Firm in and replace flaps of fabric tightly around base of plant stem. ensure there is no soil what so ever over the sheet mulch. Peg as necessary. // 1000 // GENERAL NOTES 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. 1) Water plants with 20L/plant for 10L stock and 10L/plant for 3L or smaller stock using a fine spray (B) For gravel/shingle areas utilise a non-biodegradable polypropylene woven fabric such as "Covertex" from Hv-tex U.K. Ltd. tel: ALL DIMENSIONS IN MILLIMETRES (01233) 720097. Cover the fabric all over with 40mm of clean, washed, cream / buff coloured gravel, 20mm gravel, unless <u>IB</u>. Hedges adjacent to gravel areas shall have the cultivated strip separated -DO NOT SCALE OFF THIS DRAWING ALL DIMENSIONS TO BE CHECKED ON SIT from gravel by a timber edge 75 x 25mm of ACQ treated timber stained o be 15mm below adjacent turf or paving. with 3No. coats of Sadolin 'Classic' colour 'Walnut' (dark brown wood stain) ANDSCAPE ARCHITECTURE (C)JBA CONSULTANCY SERVICES LTD 2015 according to specification. ARBORICULTURE o ECOLOGY

shown on the drawing, and measured from existing fixed points. Curved

. Planting shall be set out exactly as peds 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 to do so may result in rejection of the work by the amendment at the contractor's expense.

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 re-cultivate them to the specified width at his own expense. B) Ground preparation

. Pre-planting herbicide application:-Apply by suitable spraying aparatus, an approved translocated systemic herbicide to the manufacturer's instructions and to 1997 Control o Pesticides Regulations and 2003 COSHH regulations on all beds, except are to receive agrotextile sheet mulch. prav immediately 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 lothing in suitable weather (no wind) and any damage caused bỳ spray´ st. Repeat as necessary to ensure

shall be rectified at the contractor's own complete kill and rake off all dead 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, pre-application of herbicide as above. Fertilise with 100g per meter square of Hortibase CRF (16-8-12) slow release fertilizer, in accordance with the manufacturer's instructions. For beds less than 5 meters 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 500mm centres to a depth of 500mm,except where there are

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 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 retained. 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 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 graded to the specified levels below pavement & grass surfaces within 400mm of the edges of the bed. This is to allow for sheet that mulch does not spill out on to pavements and also to allow surface water to drain from paths on to planted

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 nṁ below pavement edges will 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 greater

C) Planting 1. All planting must be carried out in accordance to the specification and schedule of quantities accompanyin existing topsoil and required depths for planting, turfing, and standard trees, and also for maintenance 2. No substitutions will be accepted without the prior agreement of 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

she fectification 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 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.

weekly intervals with 30 litres of water. 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 contractor shall replace at once any turf rejected by the landscape architect at his own cost. climber name, shall be trained to the

the wire with plastic coated garden wire Twining varieties of climber, with "T" drawn after the climber's name (in specially prepared pits or general shrub beds) shall be trained to walls/ fences by mounting ready-made trelli panels 1.8 x 1.8m 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 twining of stems. Ensure that all timber is pressure impregnated with a non phyto-toxic preservative and then painted with a dark brown non phyto-toxix preservative