

SPECIFICATION NOTES - REFER ALSO TO THE

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 reduced or else, the bed can be paved. The width of architect and where the width is not as drawn, the ontractor shall re- cultivate them to the specified

the work by the landscape architect and may require

width at his own expense. B) Ground preparation

 Pre-planting herbicide application: Apply by suitable spraying aparatus, an approved translocated vstemic 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 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 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 3882:2015, 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 Hortibase CRF (16-8-12) slow release fertilizer, in accordance with the manufacturer's instructions. For beds less than 5 ters in width, fork over thoroughly or machine rotovate soil to a depth of 400mm, 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 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 retained. Where grass is proposed, then the soil level shall be flush (maximum 10mm below - but never proud) of adjacen 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 ailed 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 payement & 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

4. For sloping areas to be turfed adjacent to pave 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 topsoil (where specified and sanctioned by the employer) for making up ground, shall conform to BS 3882: 2015, and be free from rocks (over 50mm neter), concrete, roots, 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 applied to site without a written instruction C) Planting

. All planting must be carried out in accordance to the specification and schedule of quantities accompanying ese drawings. Refer to the specification for the reparation of existing topsoil and required depths for planting, turfing, and standard trees, and also for

aintenance requirements. 2. No substitutions will be accepted without the prior agreement of the inspecting landscape architect. The ontractor shall replace at once at his own cost any stock size, species or variety of plant which has not een specified on the planting plan and schedule, unless prior agreement to a substitution by the andscape architect has been received. All plants shall be true to size specified in the schedule of plants and ssociated notes, (3L pots are 19cm diameter and 15cm deep). All shrubs, (other than ground cover) specified for the pot size by the HTA National Plant pecification 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

replaced at the contractor's expense. 3. All shrubs, herbaceous plants, whips and nsplants shall be watered in on planting with 20 litres per square metre. Trees shall be watered in with contract period at weekly intervals with 30 litres of

specting landscape architect, shall be lifted and

below this standard, in the sole opinion of the

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 5mm maximum from the top of the post.

5. Turf to be of cultivated grade such as Rowlawr "Medallion", or other of similar quality and source. shall replace at once any turf rejected by the landscape architect at his own cost.

drawn after the climber name, shall be trained to the wall/fence with heavy duty, plastic coated garden wire. raining wires shall be attached vertically to the wall/fence by means of 125mm long stainless steel ye screw fittings. Position 1No. at 250mm from ground, and 1No. 250mm from top of the wall/fence, the climber to 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 unting ready-made trellis panels 1.8 x 1.8m generally (but 1.8 x 0.6m for corners or where space is stricted). Include for adapting any panels for locations where walls or fences are lower than 1.8m. 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 nyto-toxix 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

8. Climbers specified outside proposed shrub beds shall have specially prepared climber pits. Climber pit shall be 400mm x 400mm and 600mm deep (minimu 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 CF 16-8-12) slow release fertilizer. Water with 15 litres o water per climber pit.

1. When specified by the additional specification notes on this plan, supply and spread suitable biodegradeable sheet mulch over planting beds, eviously, cultivated, graded and fertilized tops 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. Refe

Wood Chip to a depth of 50mm, (75mm if no sheet mulch specified), over all planted areas. Finished mulch levels shall be no higher than 15mm below pavement or grass levels to avoid any spillage onto vements or lawns. N.B. no substitution of mulci type will be acceptable. It is essential to have a no-fines, large particled, brown wood chip to reduce weed growth, reduce wind blow and prevent rapid break down E) BS codes

. All workmanship and materials shall conforn to the following codes:-A) General landscape operations (excluding hard urfaces) - BS 4428:1989. B) Trees in relation to construction- BS 5837: 2012 and BS 6549:1999. BS 3998:2010 ecommendations for tree works) unless otherwise specified. Arboricultural Association

tandard Conditions of Contract and Specifications of Tree Works 1996. C) Nursery stock in accordance with lates horticultural trade association nursery stock pecification entitled "National Plant Specificatio

-BS 8545 : 2014 Trees from Nursery to -BS 3936-1: 1992 Nursery Stock - Specification for -BS 3936-2: 1990 Nursery Stock- Specification for -BS 3936-4: 2007 Nursery stock-Specification

-BS 3936-10: 1990 Nursery stock- Specification -CPSE-Committee for Plant Establishmen Part 3, paragraphs 6.2 to 6.6.) Glossary for Landscape Works BS 4428 :1989 E) Turf - BS 3969:1998- recommendations for turf F) Seeding - EEC Regulations 1974. Use blue abelled certified varieties to EC purity and

-BS 3936-9: 1998 Nursery stock- Specification

Topsoil - BS 3882: 2015 Pesticides: Control of Pesticides Regulation 997;The Health and Safety at Work Act 1974; he COSHH Regulation 2003, the product COSH heet Water Supply (Water Quality.) Regulation mended 2000: Control of Pollution Act 1974: Hedgerow ACT 1997; Wildlife and Countrysid Act 1981: Countryside and Rights of way Act 2000.

germination regulations. When requested, submit n officia seed Testing Station Certificate of

ermination, purity and composition.

GENERAL NOTES FOR THE DEVELOPER.

 Any existing trees to be retained, are the esponsibility of the main contractor on site who shall take all necessary protective measures set out in BS 5837:2012 to ensure no damage to vehicles or storage of materials, contamination of soil from spilages, 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 labour are cause of any damage to existing trees, and like the employer, the landscape contractor shall 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 igure 2 of BS 5837:2012 (The BS). he framework will consist of vertical and horizonta

scaffolds with vertical tubes spaced at no more than

(Heras or similar) panels will be securely fixed on to ramework with wire or scaffold clamps. Tubes will be driven into the ground to a minimum depth of Supporting struts will be fixed to the inside of the

B) Ground work

. Soil levels: soil levels for shrub beds and grass areas should have any compacted subgrade 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.

ollowing minimum depths:- Shrub beds: 450mm. 415mm of the subgrade for shrub beds to leave areas in order to receive sheet and bark mulch (90mm below where sheet mulch is not to be contractor. Top soil shall be spread for grass areas flush with any areas of paving and afte ttlement, the soil level should be no greate han 10mm below paved areas to allow for turf. be flush with any finished paved surfaces after settlement (or to a maximum of 5mm below) to Settlement shall be no greater than the tolerances mowing (the blades in danger of touching concrete edgings) or where soil is proud of pavements, then

Existing topsoil and imported soil shall conform to BS 3882:2007, and be free from compaction, rocks/bricks greater than 50mm diameter, builders rubble. Soil shall have a clay content of less than 20%.

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

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 narker paint, achieving flowing natural arcs Setting out shall be agreed with the landscape

3. Hard surfaces shall be constructed after suitable base courses have been laid, taking full account of local site conditions, soft spots and substrate. The indicative depths of base courses 4. All metalwork shall be finished hot

alvanized in accordance with BS EN ISO1460.

e galvanizer shall be responsible for the prough removal of all galvanizing smuts (fettling) to the complete satisfaction of the Landscape the galvanized surface by washing with detergen and water and scrubbing with a scouring pad until all dirt, grease, white rust & sulphates have been removed & then allowed to dry thoroughly. Supply and paint 'Icosit 6630' from Sika Ltd (tel. 01707 374444) applied with a turkhead brush strictly in ccordance with the manufacturers instructions. Apply 2No. coats of paint with a dry film thickness of 100 microns per coat. Apply paint only when galvanized surface is thoroughly dry a temperatures above five degrees celsius and in temperature. Paint work will be subject to inspection by experts and if found wanting, sha be stripped off, re-prepared and applied entirely at the decorating contractors own cost.

5. All wood work to use ACQ water based wood ompany. The timber shall then be stained with 3No. coats of Sadolin 'Classic.' colour 'Walnut' strictly in accordance with the manufacturers instructions. COSHH Regulations 2003 and product COSHH sheet.

GENERAL NOTES O NOT SCALE OFF THIS DRAWIN ALL DIMENSIONS TO BE CHECKED ON SITE

JAMES BLAKE ASSOCIATES LTD 202°



House

Langley

Cave Canem

HAZARD/RISK

HAZARD TO SAFETY OF WORKERS, USERS OF ADJACENT LAND AND

DAMAGE TO SERVICES AND HAZARD TO SAFETY OF WORKERS

FUTURE USERS OF THE SITE BY DAMAGED TREES

Cornerways

Within this CDM risk assessment any risk has been reviewed during the design stages and in house checking procedure. The purpose of this notification is

to identify any significant hazards related to design work by James Blake Associates only, which constitutes to a significant hazard being defined as a

accordance with Regulation 13 (Requirements of the Designer) of the CDM Regulations 1994 (amended 2015).

unforeseeable hazard which is not likely to be obvious to a competent contractor or other designer or unusual or difficult to manage effectively. This is in

It is assumed that other designers or contractors have been notified by the client, principle designer or principle contractor of an pre existing hazards or

difficulties of management situations present. 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

RISK LEVEL

MEDIUM

HIGH

CDM RISK ASSESSMENT

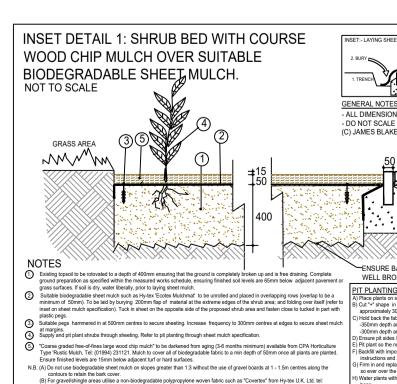
EXCAVATION, CONSTRUCTION, COMPACTION AND SOIL

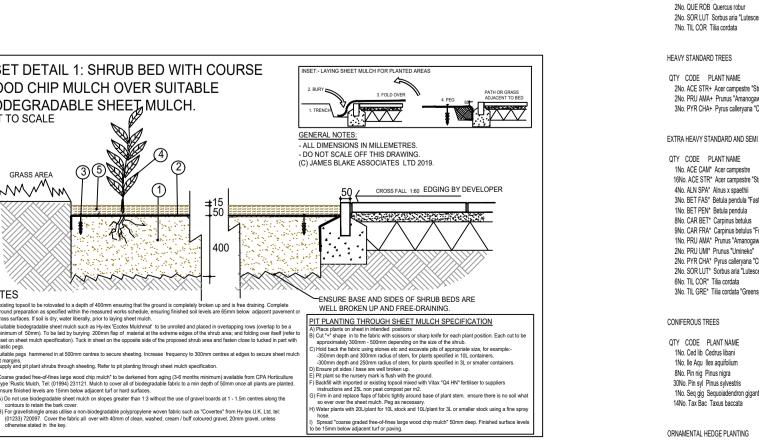
EXCAVATION OF TREE PITS NEAR OR ADJACENT TO

UNDERGROUND SERVICES

PREPARATION NEAR EXISTING TREES BOTH ON AND OFF THE

*A list of James Blake Associates Approved Landscape Contractors is available on request.





7No. Cea Sky Ceanothus "Skylark" C.G. 5L 3/m2 B 300-400 x 300-400mm QTY % PLANT NAME STOCK SPACING SIZE DFB MAX HT W 63No. Cho Azt Choisya ternata "Aztec Pearl" C.G. 10L 3/m2 C 400-600 x 400-600mm 366m Native hedge mix 01: double staggered rov C.G. 10L 3/m2 C 400-600 x 400-600mm 439No. 20% Corylus avellana 6No. Cho Gol Choisya dewitteana "Aztec Gol O.G. WHP 6/m 60-90cm 4m 8m L O.G. WHP 6/m 60-90cm 13m 10m H 223No. Cho Sun Choisya ternata "Sundance" C.G. 10L 3/m2 C 400-600 x 400-600mm 659No. 30% Crataegus monogyna O.G. WHP 6/m 60-90cm 2.3m D M C.G. 5L 3/m2 B 300-400 x 300-400m 8No. Cis lor Cistus x lorettii (dansereau C.G. 5L 3/m2 B 300-400 x 300-400mm 220No. 10% Viburnum opulus O.G. WHP 6/m 60-90cm 4m 5m M 220No. 10% Cornus sanguinea O.G. WHP 6/m 60-90cm 2.5m 3m M 6No. Cis Sun Cistus pulverulentus "Sunsi 13No. Cor Spa Cornus alba "Spaethii" C.G. 5L 3/m2 D 2.25 400-600 x 400-600mm 37No. 10% Euonymus europaeu O.G. WHP 1/m2 60-90cm 6m 8m M C.G. 3L 3/m2 - 200-300 x 200-300mm B.R. WHP 1/m2 3.8m E M 16No. Ery Bow Erysimum "Bowles's Mauve 37No. 10% Viburnum lantana 86No. Euo Aur Euonymus japonicus "Ovatus Aureus C.G. 5L 3/m2 C 400-600 x 400-600mm 36m Native hedge mix 02: double staggered ro 57No. Euo Eme Euonymus fortunei "Emerald Gaiety" C.G. 3L 5/m2 A 200-300 x 200-300mm 60No. Euo Gol Euonymus fortunei "Emerald 'n' Gol C.G. 3L 5/m2 A 300-400 x 300-400mm 43No. 20% Cornus sanguine: O.G. WHP 6/m 60-90cm 2.5m 3m M O.G. WHP 6/m 60-90cm 2m 2m M C.G. 10L 3/m2 B 600-800 x 600-800mm 43No. 20% Rosa canina 26No. Euo Bra Euonymus japonicus "Bravo" BNo. Euo Blo Euonymus fortunei "Blond C.G. 5L 3/m2 B 300-400 x 300-400m 43No. 20% Viburnum opulus O.G. WHP 6/m 60-90cm 4m 5m M O.G. WHP 6/m 60-90cm 4m 8m L 69No. Euo Pre Euonymus "President Gaultier C.G. 5L 3/m2 B 400-600 x 400-600mm 43No. 20% Corylus avellana 8No. Ger Ing Geranium macrorrhizum "Ingwersen's C.G. 3L 5/m2 - 100-200 x 100-200mm 43No. 20% Rosa arvensis O.G. WHP 6/m 60-90cm 2m 2m M 9No. Ger Joh Geranium pratensis "Johnsons Blue" C.G. 3L 5/m2 - 100-200 x 100-200mm 9No. Ger Roz Geranium "Rozanne" C.G. 3L 5/m2 - 100-200 x 100-200mm 25m Native hedge mix 03: double staggered row O.G. WHP 6/m 9No. Ger War Geranium x oxonianum "Wargrave Pinl C.G. 3L 5/m2 - 100-200 x 100-200mm 150No. 100% Fagus sylvatica 8No. Heb Mid Hebe "Midsummer Beauty" 60-90cm 15m 20m M C.G. 5L 3/m2 D 1.5 300-400 x 300-400mn 215No. Heb Met Hebe "Mette" C.G. 5L 4/m2 B 300-400 x 300-400mm C.G. 5L 4/m2 A 300-400 x 300-400mm 146No. Heb rak Hebe rakaiensis O.G. WHP 4/m 60-90cm 4m 8m L No. Heb Sut Hebe "Sutherlandii" C.G. 5L 4/m2 A 300-400 x 300-400mm O.G. WHP 4/m 60-90cm 13m 10m H 8No. Hyd Gra Hydrangea paniculata "Grandiflora C.G. 10L 3/m2 E 400-600 x 400-600mm 288No. 30% Crataegus monogyn C.G. 5L 3/m2 C 600-800 x 600-800mm 96No. 10% Rosa canina O.G. WHP 4/m 60-90cm 2.3m D M 11No. Hyp Hid Hypericum "Hidcote" O.G. WHP 4/m 60-90cm 4m 5m M 96No. 10% Viburnum opulus 3No. Lav Hid Lavandula angustifolia "Hidcote C.G. 5L 4/m2 A 300-400 x 300-400mm O.G. WHP 4/m 60-90cm 2.5m 3m M C.G. 3L 3/m2 C 300-400 x 300-400m O.G. WHP 1/m2 60-90cm 6m 8m M 24No. Lon pil Lonicera pileata C.G. 3L 3/m2 B 300-400 x 300-400mm 24No. 10% Prunus spinosa B.R. WHP 1/m2 3.8m E M 5No. Nan Fir Nandina domestica "Fire pow C.G. 5L 3/m2 B 300-400 x 300-400m 73No. Nan Lem Nandina domestica "Lemlim" C.G. 5L 3/m2 B 300-400 x 300-400mm PLANT MIXES 8No. Phl fru Phlomis fruticosa C.G. 5L 3/m2 B 400-600 x 400-600mm 21No. Phi Aur Philadelphus coronarius "Aureus" C.G. 5I 3/m2 D 2 25 400-600 x 400-600mm QTY % PLANT NAME STOCK SPACING SIZE DFB MAX HT C.G. 5L 3/m2 B 400-600 x 400-600mm 30No. Pho Com Photinia x fraseri "Robusta Compacta 7No. Pho ten Phormium tenay C.G. 10L 2/m2 - 800-1000x 800-1000mm 583m2 SUB CANOPY MIX B (individual species to be planted in groups of 5-1 O.G. WHP 1/m2 60-90cm 13m 10m 94No. Pho Jes Phormium "Jester" C.G. 10L 3/m2 - 800-1000x 800-1000mm 117No. 20% Crataegus monogyna 6No. Pho Var Phormium tenax "Variegat 58No. 10% Viburnum opulus O.G. 1/m2 60-90cm 4m 5m M C.G. 10L 2/m2 - 800-1000x 800-1000mr 3No. Pho Yel Phormium "Yellow Wave" C.G. 10L 3/m2 - 800-1000x 800-1000mm 58No. 10% Rhamnus cathartica 1/m2 60-90cm 4m 5m N 13No. Pho Red Photinia x fraseri "Red Robin 58No. 10% Sambucus nigra O.G. 1/m2 60-90cm 4.5m F C.G. 10L 3/m2 E 3.75 800-1000x 800-1000n 5No. Pot Abb Potentilla fruticosa "Abbotswood C.G. 5L 3/m2 B 400-600 x 400-600mm 58No. 10% Cornus sanguinea O.G. 1/m2 60-90cm 2.5m 3m M 58No. 10% Corylus avellana O.G. 1/m2 60-90cm 4m 8m L No. Pot Eli Potentilla fruticosa "Elizabeth 4No. Pot Red Potentilla fruticosa "Red Ace" C.G. 3L 5/m2 B 400-600 x 400-600mm 58No. 10% Viburnum lantana B.R. WHP 1/m2 3.8m E C.G. FTH 1/m2 125-150cm 8m 10m M 86No. Pru Ott Prunus laurocerasus "Otto Luyken" C.G. 5L 3/m2 B 400-600 x 400-600mm 73No. Ros Flo Rosa "Flower Carpet" C.G. 3L 3/m2 B 300-400 x 300-400mm 29No. 5% Malus sylvestris O.G. FTH 1/m2 125-150cm 8m 10m N 29No. 5% Prunus spinosa O.G. FTH 1/m2 125-150cm 6m 8m N 61No. Ros Bon Rosa "Bonica" C.G. 3L 3/m2 B 300-400 x 300-400mm C.G. 3L 3/m2 A 300-400 x 300-400mm 29No. 5% Prunus cerasifera O.G. FTH 1/m2 125-150cm 5m 7m M 14No. Ros phe Rosa pheasa C.G. 3L 4/m2 - 200-300 x 200-300mm 6No. Sal sup Salvia superba 3No. Ski Rub Skimmia japonica "Rubella C.G. 5L 4/m2 F 4.5 300-400 x 300-400mm 1136m2 CANOPY MIX (species to be planted in groups of O.G. WHP 1/m2 60-90cm 13m 10m H 36No. Spi Gol Spirea japonica "Goldflame" C.G. 5L 3/m2 B 300-400 x 300-400mm 227No. 20% Crataegus monogyna C.G. 5L 3/m2 A 300-400 x 300-400mm O.G. WHP 1/m2 60-90cm 4m 8m 4No. Spi Pri Spirea japonica "Golden Princes O.G. FTH 1/m2 125-150cm 9m 17m I 141No. Vib day Viburnum davidii C.G. 5L 3/m2 B 300-400 x 300-400mm 227No. 20% Carpinus betulus O.G. FTH 1/m2 125-150cm 15m 20m M 7No. Vib Mar Viburnum plicatum "Maries C.G. 10L 3/m2 D 2.25 400-600 x 400-600mn O.G. FTH 1/m2 125-150cm 8m 10m N 29No. Vib tin Viburnum tinus "Eve Price C.G. 5L 3/m2 D 2.25 400-600 x 400-600mm 57No. 5% Malus sylvestris O.G. FTH 1/m2 125-150cm 13m 17m M 57No. 5% Quercus robur O.G. FTH 1/m2 125-150cm 25m 20m H O.G. FTH 1/m2 125-150cm 17m 22m M GRASSES AND SEDGES 57No. 5% Acer campestre O.G. FTH 1/m2 125-150cm 17m 22m M TY CODE PLANT NAME C.G. 3L 1/m2 6m 12m L STOCK SPACING 57No. 5% Ilex aquifolium 24No. Car Eve Carex oshimensis "Evergold" 849m2 NATIVE BUFFER PLANTING MIX A (individual species planted in groups of approximately 10 12No. Car Iri Carex morrowii "Irish Green C.G. 3L 5/m2 85No. 10% Viburnum opulus O.G. WHP 1/m2 60-90cm 2.5m 3m M O.G. WHP 1/m2 60-90cm 3m D 85No. 10% Rosa arvensis SPECIMENS PLANTED IN BEDS, GRASS OR GRAVEL O.G. WHP 1/m2 60-90cm 2.5m 3m M O.G. WHP 1/m2 60-90cm 3.8m E 85No. 10% Frangula alnus O.G. WHP 1/m2 60-90cm 6m 8m M TY CODE PLANT NAME 6No. ANE SEP Anemone iaponica "September Charm" 85No. 10% Ligustrum vulgare C.G. 3L 1/m2 2.5m 3.5m M O.G. WHP 1/m2 60-90cm 4.5m F 1No. CHO AZT Choisya ternata "Aztec Pearl" 85No. 10% Sambucus nigra 3No. CHO SUN Choisya ternata "Sundance" C.G. 10L 170No. 20% Corvlus avellana O.G. WHP 1/m2 60-90cm 3m 6m C.G. 10L 42No. 5% Ilex aquifolium 3No. COR AVE Corylus avellana 2No DRY AFF Dryonteris affinis 42No. 5% Taxus baccata C.G. 3L 1/m2 5m 12m M 12No. DRY ERY Dryopteris erythrosora 3No. EUO GOL Euonymus fortunei "Emerald 'n' Gold" 128m2 EVERGREEN BUFFER PLANTING MIX 26No. 20% Prunus Iusitanica 1No. HYD QUE Hydrangea guercifolia C.G. 10L C.G. 3L 1/m2 6m F 8No. PHO JES Phormium tenax "Jester" 26No. 20% Elaeagnus x ebbingeii C.G. 3L 1/m2 3m E 2No. TAX HIC Taxus x media "Hicksii" min.1.5m high root ball or container C.G. 15L 26No. 20% Viburnum tinus C.G. 3L 1/m2 2.3m I No. THU SMA Thuja occidentalis "Smaragd" min.1.5m 26No. 20% Viburnum x burkwoodii C.G. 3L 1/m2 2m D high C.G. 15L 3No. VIB OPU Viburnum opulus "Notcutts Var." C.G. 10L E 3.7 13No. 10% Ligustrum ovalifolium C.G. 3L 1/m2 3m E 13No. 10% llex aquifolium BULB PLANTING MIXES 236m2 BUFFER PLANTING MIX - SEMI NATIVE (in 47No. 20% Spirea arguta 47No. 20% Viburnum tinus QTY % PLANT NAM STOCK SPACING 110m2 Bulb planting mix A 35No. 15% Cornus sanguinea "Midwinter F C.G. 3L 1/m2 bulb 20/m2 5No. 2% Ceanothus "Puget Blue" C.G. 3L 1/m2 2.3m D 220No. 10% Crocus "Dutch Yellow 220No. 10% Galanthus nivalis 24No. 10% Sorbaria aitchisonii C.G. 3L 1/m2 2.3m E bulb 20/m2 bulb 20/m2 440No. 20% Narcissus "Panache" 24No. 10% Philadelphus coronarius "Aureu C.G. 3L 1/m2 2.3m D 1100No. 50% Hyacinthoides non-scripta 220No. 10% Leucojum vernum 35No. 15% Cornus alba "Sibirca" C.G. 3L 1/m2 2.5m 3m M 378m2 BUFFER PLANTING MIX - NATIVE DAMP SOIL (individ pecies to be planted in groups of approximately 10 TOPIARY SPECIMEN SHRUBS/TREES PLANTED IN BEDS, GRASS OR GRAVEL 57No. 15% Viburnum opulus O.G. WHP 1/m2 60-90cm 4m 6m M 75No. 20% Salix viminalis QTY CODE PLANT NAME O.G. WHP 1/m2 60-90cm 5m 10m 9No. TOP BAY Topiary Bay (Laurus nobilis) C.G. 10L C.G. 10L 38No. 10% Cornus sanguinea O.G. WHP 1/m2 60-90cm 2.5m 3m M 4No. TOP BOXC Topiary Buxus sempervirens cone ht 1m 38No. 10% Cornus sericea "Flavirame: O.G. WHP 1/m2 60-90cm 3m D 38No. 10% Rhamnus frangula O.G. WHP 1/m2 60-90cm 3.8m E 38No. 10% Crataegus monogyna C.G. WHP 1/m2 60-90cm 13m 10m I CLIMBERS 38No. 10% Prunus spinosa O.G. WHP 1/m2 60-90cm3 6m 8m M Y CODE PLANT NAME 265m2 SEMI-NATIVE SHRUB MIX B (indiv 4No. Cle Sno Clematis armandii "Snowdrift" "T" C.G. 3L 1/m 53No. 20% Corvlus avellana O.G. WHP 1/m2 60-90cm 4m 8m 53No. 20% Cornus sanguinea 53No. 20% Cornus sericea "Flaviramea O.G. WHP 1/m2 60-90cm 3m D FEATHERED TREES 53No. 20% Philadelphus coronarius "Aureus C.G. 3L 1/m2 2.3m D 9No. Ace cam Acer campestre O.G. FTH 180-210cm 17m 22m M SEED AND PLUG MIXES . FTH 180-210cm 14m 18m M 82m2 MARGINAL PLUG PLANTING MIX (refer to Vernacular Seeding Specification on plan 19No. Aln glu Alnus glutinosa 3No. Ame Rob Amelanchier lamarckii "Robin Hill D.G. FTH 150-180cm 7m 8m M 49No.10% Butomus umbellatus plug 6No/m2 6No. Bet jac Betula jacquemontii C.G. 15L FTH 180-210cm 6m 12m L 49No.10% Mantha aquatica plug 6No/mi C.G. 15L FTH 180-210cm 7m 14m 18No. Bet pen Betula pendula 3No. Car bet Carpinus betulus D.G. FTH 180-210cm 9m 17m I 49No.10% Iris pseudoacorus plug 6No/m2 No. Cas sat Castanea sati 4No. Fag syl Fagus sylvatica C.G. 15L FTH 180-210cm 15m 20m M 49No. 10% Lythrum salicaria plug 6No/m2 C.G. 15L FTH 180-210cm 15m 20m M 49No.10% Thalictrum flavum plug 6No/s 4No. Fag pur Fagus sylvatica purp 1No. Mal Cox Malus domestica "Cox" O.G. FTH 180-210cm 3m 4m M 49No.10% Myosotis palustris plug 6No/m 1No. Mal Jon Malus "Jonagolo G. FTH 180-210cm 5m 6m N 49No.10% Carex riparia plug 6No/m2 2No. Mal Joh Malus "John Downi O.G. FTH 180-210cm 5m 6m M 49No.10% Caltha palustris plug 6No/m G. FTH 180-210cm 8m 10m M 2No. Mal syl Malus sylvestris 49No.10% Lychnis flos-coculi plug 6No/m2 No. Pop nig Populus nigra D.G. FTH 180-210cm 35m 30m H 1No. Pop tre Populus tremula D.G. FTH 180-210cm 35m 30m F No. Pru Ama Prunus "Amanogaw O.G. FTH 180-210cm 4m 6m M AREA SEED MIX NAME No. Pru avi Prunus avium O.G. FTH 180-210cm 13m 17m M 2085m2 Wildflower meadow mix wet ("EM8" Mix by Emorsgate Seeds, refer to Measured Works schedu 1No. Pru Vic Prunus "Victoria" O.G. FTH 150-180cm 10m 8m M G. FTH 180-210cm 7m 9m M 7385m2 Amenity grass mix ("EG22" Mix by Emorsgate Seeds, refer to Measured Works schedule 1No. Pvr Con. Pvrus "Conference" O.G. FTH 150-180cm 12m 10m M 3721m2 Wildflower meadow mix tussock ("EM10" Mix by Emorsgate Seeds, refer to Measured Works schedule No. Que rob Quercus robur 5No. Sal alb Salix alba O.G. FTH 180-210cm 30m 24m H 1585m2 Wildflower meadow mix ("EM2" Mix by Emorsgate Seeds, refer to Measured Works schedule) 2No. Sal Chr Salix x sepulcralis "Chrysocoma O.G. FTH 160-210cm 20m 16m H 3No. Til cor Tilia cordata O.G. FTH 180-210cm 17m 22m M 4836m2 Area to be turfed ("Medallion" by Rowlawn Ltd, refer to Measured Works Schedule) STANDARD TREES NOTES AND ABBREVIATIONS TY CODE PLANT NAME STOCK SIZE DFB MAX Ht WD 8No. ACE CAM Acer campestre 3No. ACE PLA Acer platanoide D.G. STD 10-12cm 15m 20m N = Container grown stock 9No. ACE STR Acer campestre "Streetwise" = Open ground stock, to be planted Nov 1st - March 1st . STD 10-12cm 6m 8m N 1No. ALN COR Alnus cordata D.G. STD 10-12cm 12m 15m M TH = Feathered tree O.G. STD 10-12cm 14m 18m M 3No. ALN GLU Alnus glutinosa 2No. AME ROB Amelanchier lamarckii "Robin Hi C.G. STD 8-10cm 7m 8m M HVYSTD = Heavy Standard tree 2No. BET FAS Betula pendula "Fastigiata Joes" C.G. 15L STD 8-10cm 3m 5m L 5No. BET PEN Betula pendula C.G. 25L STD 8-10cm 7m 14m LE = Broad Leaf Evergreen ON = Conifer 6No. CAR BET Carpinus betulus G. STD 8-10cm 9m 17m 2No. CAR FRA Carpinus betulus "Frans Fo G. STD 8-10cm 9m 16m DFB = "Distance from Buildings" based on minimum building foundation depths 1No. FAG SYL Fagus sylvatica C.G. 25L STD 8-10cm 15m 20m M Max Ht = "Maximum Height" of tree 1No. MAL JOH Malus "John Downie" 1No. PLA HIS Platanus x hispanica O.G. STD 10-12cm 20m 26m M ND = "Water Demand" of tree ONo. PRU AMA Prunus "Amanogawa" D.G. STD 8-10cm 4m 6m M 2No. PRU UMI Prunus "Umineko" G. STD 8-10cm 5m 8m M A = < 600mm mature height 2No. PYR CHA Pyrus calleryana "Chanticlee G. STD 8-10cm 6m 8m M B = 600mm - 1.8m mature height 2No. QUE ILE Quercus ilex C.G. 25L STD 10-12cm 20m 16m H C = > 1.8m mature height with low water demand and slow growth D = 1.8m - 3m mature height C.G. 25L STD 10-12cm 25m 20m H 2No. QUE ROB Quercus robur 2No. SOR LUT Sorbus aria "Lutescen: E = 3m - 5m mature height F = >5m mature height 7No. TIL COR Tilia cordata O.G. STD 10-12cm 17m 22m M Note: Plants not classified within the JBA SHC are NOT designated as shrub JBA understand shrubs to be defined as those plants of perennial habit HEAVY STANDARD TREES Girth size is given for standard trees, otherwise all sizes refer to height. All sizes are QTY CODE PLANT NAME 2No. ACE STR+ Acer campestre "Streetwise" 2No. PRU AMA+ Prunus "Amanogawa" R.B. HVYSTD 12-14cm 6m 8m M Shrubs specified as 3 litre size shall be 400-600mm minimum height and spread and 2 litre R.B. HVYSTD 12-14cm 4m 6m M 3No. PYR CHA+ Pyrus calleryana "Chanticleer" R.B. HVYSTD 12-14cm 6m 8m M stock shall be 300-400mm minimum height and spread. These heights and spreads in relation to ot size are just a guide and the "National Plant Specification" sizes will be accepte (but will be seen as the absolute minimum acceptable). Any shrub supplied which are smaller EXTRA HEAVY STANDARD AND SEMI MATURE TREES Cornus varieties shall be twice transplanted and pruned to form bushy rounded plants. Leggy QTY CODE PLANT NAME STOCK SIZE DFB MAX Ht WD ants with few branches will be rejected, as will leggy plants which have been pruned hard. 1No. ACE CAM* Acer campestre R.B. XHVYSTD 14-16cm 17m 22m M -Plants shall be completely hardened off, any plants which show signs of scorching after R.B. XHVYSTD 14-16cm 6m 8m M 16No. ACE STR* Acer campestre "Streetwise planting will be rejected. 4No. ALN SPA* Alnus x spaethii R.B. XHVYSTD 14-16cm 15m 17m M REFER TO THE ACCOMPANYING MEASURED WORKS SCHEDULE DOCUMENT FOR MORE INFORMATION 3No. BET FAS* Betula pendula "Fastigiata Joes" R.B. XHVYSTD 14-16cm 3m 5m L CHANGES TO SUPPLIERS/MANUFACTURERS ARE TO BE EQUAL AND APPROVED. 1No. BET PEN* Betula pendula R.B XHVYSTD 14-16cm 7m 14m L SUBSTITUTIONS TO SHRUB/TREE VARIETIES ARE TO BE AGREED WITH LANDSCAPE ARCHITECT. 8No. CAR BET* Carpinus betulus R.B XHVYSTD 14-16cm 9m 17m L DO NOT SCALE FROM THIS DRAWING R.B XHVYSTD 14-16cm 9m 16m L 9No. CAR FRA* Carpinus betulus "Frans Fontair ALL DIMENSIONS TO BE CHECKED ON SITE 1No PRU AMA* Prunus "Amanogawa" R.B. XHVYSTD 14-16cm 4m 6m M 2No. PRU UMI* Prunus "Umineko" R.B XHVYSTD 14-16cm 5m 7m N 2No. PYR CHA* Pyrus callervana "Chanticle R.B XHVYSTD 14-16cm 6m 8m M (C) JAMES BLAKE ASSOCIATES 2021 2No. SOR LUT* Sorbus aria "Lutescens" R.B. XHVYSTD 14-16cm 9m 12m M 6No. TIL COR* Tilia cordata R.B XHVYSTD 14-16cm 17m 22m N 3No. TIL GRE* Tilia cordata "Greenspire R.B XHVYSTD 20-25cm 15m 15m M

C.G. 3L 3/m B

57No. Lon pil Lonicera pileata

317m Hedge type 16 Single row

NATIVE HEDGE MIXES

951No. Euo Jea Euonymus japonicus "Jean Hugues

STOCK SPACING SHC DFB MIN HEIGHT/SPREAD

C.G. 3L 5/m2 - 100-200 x 100-200mm

C.G. 10L 3/m2 C 600-800 x 600-800mm

C.G. 5I 4/m2 - 100-200 x 100-200mm

C.G. 5L 3/m2 B 200-300 x 200-300mm

SCHEDULE OF PLANTS

QTY CODE PLANT NAME

4No. Aca mol Acanthus mollis

96No. Auc Var Aucuba japonica "Variega

74No. Ber Pur Bergenia cordifolia "Purpure

73No. Bra Sun Brachyglottis dunedin "Sunshine

LANDSCAPE PROGRAMMING

STOCK SIZE DFB MAX Ht WD

C.G. 15L CON 125-150cm 11m 30m M

C.G. 45L BLE 150-180cm 6m 12m L

R.B. CON 250-300cm 7m 20m M

R.B. BLE 125-150cm 5m 12m M

STOCK SPACING SHC DFB

C.G. 3L 3/m D 2.25

C.G. 3L 3/m C

QTY CODE PLANT NAME

497m Hedge type 01 Single row

379m Hedge type 08 Single row

1491No. Vib tin Viburnum tinus "Eve Pric

1137No. Euo Aur Euonymus japonicus "Aureopictus

R.B. CON 250-300cm 7m 20m M

C.G. 15L CON 125-150cm 11m 12m M

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

PROPOSED FEATHERED TREE, INCLUDING STAKE AND TIE. SEE SPECIFICATION NOTES A1, B2-3, B5, C1-4, D1-2 AND I STAKE AND TIE. SEE SPECIFICATION NOTES A1, B2-3, B5, C1-4, NCLUDING STAKE AND TIE. SEE SPECIFICATION NOTES A1, B2-3 B5, C1-6, D1-2 AND E1. SHRUB AND HERBACEOUS PLANTING, INCLUDING BIODEGRADABLE SHEET AND BARK MULCH (ACCORDING TO SPECIFICATION). SEE SPECIFICATION NOTES A1-2, B1-3, C1-3, NATIVE WHIP AND SHRUB PLANTING IN MIXES. INCLUDING SPECIFICATION. SEE SPECIFICATION NOTES A1-2, B1-3, C1-3, 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. 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 WASHED, ROUNDED, BUFF COLOURED GRAVEL, 20mm GAUGE mm DEPTH, FINISHED LEVEL 15mm BELOW ADJACEN SURFACES, LAID OVER 'COVERTEX' OVER LIGHTLY NSOLIDATED SUBGRADE. TIVATED TURFAND SEEDED AMENITY GRASS MIX EM22. SEE PECIFICATION NOTES B4, C5 AND E WET WILDFLOWER SEEDED AREA MIX EM8. REFER TO PLANT TUSSOCK WILDELOWER SEEDED AREA MIX EM10. REFER TO PLANT SCHEDULE FOR SPECIFICATION OF MIX GRAVEL/PEBBLE FINISH TO SUDS WITH MARGINAL PLUG PLANTING BULB PLANTING IN MIXES, SPRING FLOWERING VARIETIES REFER TO SCHEDULE FOR FURTHER INFORMATION. MBING SHRUB IN SHRUB BEDS, GRASS/ GRAVEL OR IN PITS II **o o** AVING. (SEE PLAN). TWINING VARIETIES (MARKED'T') SEE NOTE 7. SELF CLIMBING VARIETIES (MARKED'S') SEE NOTE C6. SEE SPECIFICATION NOTES C1-3, C8, D1-2 AND E PECIMEN SHRUBS IN SHRUB BEDS OR PIT PLANTED IN RASSIGRAVEL AREAS. SPECIMEN SHRUBS IN GRASS ARE IEASURED SEPARATELY IN SCHEDULE OF QUANTITIES. SEE PECIFICATION NOTES A1, B1-3, C1-3, D1-2 AND E1. XISTING TREE TO BE RETAINED, SEE GENERAL NOTE A1 ANI E1. IF PREPARED, SEE ALSO JAMES BLAKE ASSOCIATES PLAN ND SCHEDULE FOR ANY SURGERY WORKS. EXISTING VEGETATION GROUP OR HEDGE TO BE RETAINED, SEE GENERAL NOTE A1 AND E1. IF PREPARED, SEE ALSO JAMES BLAKE ASSOCIATES PLAN AND SCHEDULE FOR ANY SURGERY EXISTING GRASSLAND TO BE RETAINED AND MANAGED EXISTING VEGETATION TO BE RETAINED AND MANAGED UP WITH NATIVE HEDGEROW MIX TO CREATE A MIX 2m WIDE BUFFER. AREA OF GRASS TO BE REINFORCED WITH NETLON TURFGUARD XN7005 - 9000 TO MAINTENANCE ACCESS, AVAILABLE FROM TDP TEL:(01629) 820011. 50mm HIGH. TO BE ACQ TREATED AND STAINED WITH 2No. DATS OF SADOLIN CLASSIS COLOUR "WALNUT" WITH REMOVABLE RAIL FOR MAINTENANCE. 1.2M HIGH SAWN SOFTWOOD TIMBER POST AND THREE BAR RAIL WITH CHICKEN WIRE MESH INFIL NEAR TO SOUTHERN LAP. WOOD TO BE ACQ TREATED AND STAINED WITH 2No. COATS OF SADOLIN CLASSIS COLOUR "WALNUT" WITH REMOVABLE RAIL FOR MAINTENANCE. VERTICAL BAR RAILINGS WITH MATCHING GATE, COLOUR 'BLAC M HIGH-PARKLAND; 0.9M HIGH RESIDENTIAL FRONTAGES), BY TIMBER ACOUSTIC FENCE, 3M HIGH, BY DEVELOPER. BITUMEN MACADAM WITH 6mm GAUGE AGGREGATE WEARING
COURSE TO BE LAID OVER 20mm GAUGE AGGREGATE WEARING
COURSE, ALL LAID OVER BASE COURSE OF HARDCORE, ALL
DEPTHS TO ENGINEER'S SPECIFICATION, LAID OVER FIRMED
SUB-GRADE AND GEOTEXTILE - TERRAM 1000, ALL TO FALLS
AND CROSSFALLS, MINIMUM 1:70 AND ALL TO HIGHWAY'S
AUTHORITY APPROVAL IF PART OF \$38 PACKAGE.. RECAST CONCRETE BLOCK EDGING, 50 x 150 x 914mm, flat DPPED AND LAID FLUSH WITH PAVING. EDGING TO BE BEDDED TO C:20:P INSITU CONCRETE STRIP FOUNDATION 350 x 300mm, 6 x TIMBER BOLLARDS WITH REFLECTIVE STRIP, BX17 POINTED - SQUARE. AVAILABLE FROM BROXAP, TEL: 01782564411 BOLLARD, COLOUR 'BLACK', 500mm ABOVE GROUND AND 700mm UNDERGROUND, OR SIMILAR AND APPROVED, AVAILABLE FROM BOLLARDS DIRECT, TEL: 03332304837 TREE ROOT BARRIER SUCH AS GREENBLUE URBAN'S REROOT 2000, CODE RER 210X1.0A, DEPTH 1000MM, TEL (01580) 830 800 OR SIMILAR AND APPROVED. PLAY AREA EQUIPMENT INCLUDING SAFETY MATTA SURFACING BY MIRACLE PLAY TEL. 01604 658240, OR SIMILAR AND APPROVED: PINE RANGE TODDLER ROCKER SB4132, OR SIMILAR PINE RANGE DOUBLE TODDLER SWING MAE-TTS, OR SIMILAR PINE RANGE BALANCE SLALOM MAE-RSL OR SIMILAR POLLUX MINI SPINNER SB3046, OR SIMILAF RADIATA PINE BALANCE WALK MAE-BW, OR SIMILAR RADIATA PINE 200MM STEPPING LOGS MAESL20. OR SIMILAR PLAY AREA EQUIPMENT INCLUDING SAFETY MATTING SURFACING BY PROLUDIC TEL. 0115 982 3980, OR SIMILAR AND APPROVED: 1. CABLEWAY REF: J511, OR SIMILAR 2. ORIGIN SWING 1 FLAT + 1 CRADLE REF: J490, OR SIMILAR 3. WHEELCHAIR ACCESSIBLE ROUNDABOUT REF: J2409, OR SIMILAR 4. ORIGIN MULTIPLAY UNIT REF: J4938, OR SIMILAR 5. ORIGIN POD SWING REF: J491, OR SIMILAR 6. SPRINGER REF: J858, OR SIMILAR 8. ORIGIN SUSPENDED RINGS REF: J4910, OR SIMILAR 10. ORIGIN BALANCING BEAM x2 REF: J4903, OR SIMILAR 2a & b. TALK TUBES REF: J3410A, OR SIMILAR 13. A3 PLAY AREA SIGN REF: UKA3PP, OR SIMILAR 2 x FALLEN LOGS 14 x PLAY BOULDERS VARIOUS GAUGES 700-1200mm, SAFELY EMBEDDED IN THE GROUND PLAY MOUNDS, SEEDED WITH GRASS OR TURFED 3 x METAL LITTER BINS WITH LID SUCH AS SB5084, AVAILABLE

FROM MIRACLE DESIGN AND PLAY, TEL: 01604 658240, OR

SIMILAR AND APPROVED 4 x BENCHES WITH BACKREST SUCH AS SB5057, AVAILABLE FROM MIRACLE DESIGN AND PLAY, TEL: 01604 658240, OR SIMILAR AND APPROVED ANIMAL SHELTERS - AVAILABLE FROM NHBS

TEL. 01803 865913

TO BATBOX INSTALLATION INSTRUCTIONS BY MANUFACTURER o. SPARROW TERRACE, FSC NEST BOX, #201458, REFER TO NSTALLATION INSTRUCTIONS BY MANUFACTURE

No. VIVARA PRO WOODSTONE TAWNY OWL NEST BOX, #238631 REFER TO INSTALLATION INSTRUCTIONS BY MANUFACTURER.

BDW HOMES SOUTHERN COUNTIES DETAILED SOFT LANDSCAPE PROPOSLAS FOR PLOTS AND HARD AND SOFT LANDSCAPE PROPOSALS FOR POS PURPOSE OF ISSUE

DWG NO. PLN-1-5008 CT/EZ JBA JBA 1:250@A1

JAMES BLAKE

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