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 oundations. 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 contra 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 width at his own expense.

B) Ground preparation

 Pre-planting herbicide application:- Apply by suitable spraying aparatus, an approved translocate 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

2. Carry out the following works to the existing topsoil 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 neters in width, fork over thoroughly or machine rotovate soil to a depth of 400mm, ensuring that the ubgrade 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 rippe 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 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 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 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 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 less than greater than 20% clay. Such soil shall be shall first be approved by the landscape architect before being supplied to site. No imported soil shall be

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

2. No substitutions will be accepted without the prior agreement of the inspecting landscape architect. Th 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 sociated notes, (3L pots are 19cm diameter and 15cm deep). All shrubs, (other than ground cover sha**ll** be 400-600mm height and spread, or otherwise 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 below this standard, in the sole opinion of the pecting landscape architect, shall be lifted an replaced at the contractor's expense.

3. All shrubs, herbaceous plants, whips and litres per square metre. Trees shall be watered in with contract period at weekly intervals with 30 litres of

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 mm maximum from the top of the post.

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

andscape architect at his own cost. drawn after the climber name, shall be trained to the wall/fence with heavy duty, plastic coated garden wire. aining wires shall be attached vertically to the 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 the climber to the wire with plastic coated garden wire

climber's name (in specially prepared pits or general shrub beds) shall be trained to walls/ fences by ounting ready-made trellis panels 1.8 x 1.8m generally (but 1.8 x 0.6m for corners or where space is estricted). Include for adapting any panels for inspection by experts and if found wanting, sha locations where walls or fences are lower than 1.8m be stripped off, re-prepared and applied entirely Fix trellis panels to the walls/ fences using non rusting screws 125mm long (to be approved), incorporating mm 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 no vto-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 garder

8. Climbers specified outside proposed shrub bed shall have specially prepared climber pits. Climber pits size), and be backfilled with topsoil (from site - unless otherwise agreed). Ensure the base of the pit is noroughly broken up and free draining before bac filling with topsoil. Ensure no damage to foundation 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. 9. Native Hedges and all mixes should be either prevent damage by rabbits and rodents, refer to neasure works schedule for more information.

1. When specified by the additional specification notes on this plan, supply and spread suitable biodegradeable sheet mulch over planting beds 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

2. Following planting supply and spread evenly 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 mulch 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

1. All workmanship and materials shall confort 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. BS 3998:2010 recommendations 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 stoc specification entitled "National Plant Specification

-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 3936-9: 1998 Nursery stock- Specification

and rake off all dead material from site. forbulbs, corms and tubers.
-BS 3936-10 : 1990 Nursery stock- Specification -CPSE-Committee for Plant Establishmen Part 3, paragraphs 6.2 to 6.6. ry for Landscape Works BS 4428 :1989 E) Turf - BS 3969:1998- recommendations for turf F) Seeding - EEC Regulations 1974. Use blue germination regulations. When requested, subn germination, purity and composition. 6) Topsoil - BS 3882: 2015 H) Pesticides: Control of Pesticides Regulation 1997;The Health and Safety at Work Act 1974;

> Hedgerow ACT 1997; Wildlife and Countryside Act 1981: Countryside and Rights of way Act 2000 GENERAL NOTES FOR THE DEVELOPER.

the COSHH Regulation 2003, the product COSH

amended 2000; Control of Pollution Act 1974;

1. Any existing trees to be retained, are the responsibility of the main contractor on site who out in BS 5837:2012 to ensure no damage to vehicles or storage of materials, contamination of soil from spilages, scorching from fires and nstability or stress from changes of soil level. The landscape contractor is however responsible for ensuring that neither plant, materials or labou 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 wil comprise a scaffold framework in accordance with Figure 2 of BS 5837:2012 (The BS). scaffolds with vertical tubes spaced at no more than

(Heras or similar) panels will be securely fixed on to be driven into the ground to a minimum depth of Supporting struts will be fixed to the inside of the

1. Soil levels: soil levels for shrub beds and grass instructing the ground worker to spread topsoil or and the plants and turf will die.

following minimum depths: Shrub beds: 450mm 415mm of the subgrade for shrub beds to leave areas in order to receive sheet and bark mulc (90mm below where sheet mulch is not to be contractor. Top soil shall be spread for grass than 10mm below payed 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 given or problems will be encountered with mowing (the blades in danger of touching concrete edgings) or where soil is proud of pavements, then

. Existing topsoil and imported soil shall conform concrete, wire, roots, debris, oil, cement and builders rubble. Soil shall have a clay content or

carried out by the developer or main contractor and all materials and workmanship shall be in accordance with the construction details and the

to lines and radii, with all curves scribed on the narker paint, achieving flowing natural arcs contractor and subsequently the landscape

2. All paths and edgings shall be set out properly

suitable base courses have been laid, taking full substrate. The indicative depths of base courses

4. All metalwork shall be finished hot dipp alvanized in accordance with BS EN ISO1460 he galvanizer shall be responsible for the thorough 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 untiall dirt, grease, white rust & sulphates have beer removed & then allowed to dry thoroughly. Supply 374444) applied with a turkhead brush strictly in ccordance with the manufacturers instruction Apply 2No. coats of paint with a dry film thickness temperatures above five degrees celsius and in temperature. Paint work will be subject to

ompany. The timber shall then be stained with 3No. coats of Sadolin 'Classic.' colour 'Walnut' instructions. COSHH Regulations 2003 and

LL DIMENSIONS TO BE CHECKED ON SITE

JAMES BLAKE ASSOCIATES LTD 2020

SCHEDULE OF PLANTS

SPECIMENS PLANTED IN BEDS, GRASS OR GRAVEL QTY CODE PLANT NAME STOCK SHC DFB C.G. 10L 119No. COR AVE Corylus avellana E 3.75 2No. COR SIB Cornus alba "Sibirica" C.G. 10L D 2.25 C.G. 10L E 2.25 105No. COR SAN Cornus sanguinea 12No, EUO EUR Euonymus europeus "Red Cascade" C.G. 10L E 2,25 13No. ILE AQU Ilex aquifolium C.G. 10L E 2.25 38No. LIG VUL Ligustrum vulgare C.G. 10L E 2.25 C.G. 10L 26No. SAM NIG Sambucus nigra E 2.25 120No, VIB OPU Viburnum opulus "Notcutts Var." C.G. 10L E 3.75

BULB PLANTING MIXES

QTY % PLANT NAME STOCK SPACING 45m2 Bulb planting mix A 90No 10% Crocus "Dutch Yellow bulb 20/m2 90No. 10% Galanthus nivalis bulb 20/m2 180No. 20% Narcissus "Panache" bulb 20/m2 450No. 50% Hyacinthoides non-scripta bulb 20/m2 bulb 20/m2 90No. 10% Leucojum vernum

FEATHERED TREES

QTY CODE PLANT NAME STOCK SIZE DFB MAX Ht WD O.G. FTH 180-210cm 17m 22m M 10No. Ace cam Acer campestre 17No. Aln glu Alnus glutinosa O.G. FTH 180-210cm 14m 18m M 12No. Bet jac Betula jacquemontii C.G. 15L FTH 180-210cm 6m 12m 46No. Bet pen Betula pendula C.G. 15L FTH 180-210cm 7m 14m O.G. FTH 180-210cm 9m 17m L 2No. Car bet Carpinus betulus 11No. Cra mon Crataegus monogyna O.G. FTH 180-210cm 13m 10m H 1No Cra pru Crataegus persimilis 'Prunifolia' O.G. FTH 180-210cm 10m 8m H 19No. Fag syl Fagus sylvatica C.G. 15L FTH 180-210cm 15m 20m M 2No. Mal flo Malus floribunda O.G. FTH 180-210cm 6m 8m M 2No. Mal Hon Malus "Honey Pippin" O.G. FTH 180-210cm 5m 6m M O.G. FTH 180-210cm 5m 6m M 7No. Mal Joh Malus "John Downie" 2No. Mal Ste Malus "St Edmonds Russet" O.G. FTH 180-210cm 5m 6m M 1No. Mal svl Malus sylvestris O.G. FTH 180-210cm 8m 10m M 1No. Pru Ama Prunus "Amanogawa O.G. FTH 180-210cm 4m 6m M 34No. Pru avi Prunus avium O.G. FTH 180-210cm 13m 17m M O.G. FTH 180-210cm 8m 12m M 7No. Pru dom Prunus domestica 2No. Pru Vic Prunus "Victoria" O.G. FTH 150-180cm 10m 8m M O.G. FTH 180-210cm 7m 9m M 2No. Pvr com Pvrus communis O.G. FTH 150-180cm 12m 10m M 4No. Pyr Con Pyrus "Conference" 26No. Que rob Quercus robur C.G. 15L FTH 200-250cm 25m 20m H O.G. FTH 180-210cm 30m 24m H 9No. Sor She Sorbus aucuparia "Sheerwater Seedling" O.G. FTH 180-210cm 9m 11m M O.G. FTH 180-210cm 17m 22m M 15No. Til cor Tilia cordata

STANDARD TREES

QTY CODE PLANT NAME STOCK SIZE DFB MAX Ht WD 17No. ACE CAM Acer campestre O.G. STD 8-10cm 17m 22m M 40No. ACE STR Acer campestre "Streetwise O.G. STD 10-12cm 6m 8m M 1No. ALN COR Alnus cordata O.G. STD 10-12cm 12m 15m M 15No. ALN GLU Alnus glutinosa O.G. STD 10-12cm 14m 18m M 2No. BET FAS Betula pendula "Fastigiata Joes" C.G. 15L STD 8-10cm 3m 5m L 44No. BET PEN Betula pendula C.G. 25L STD 8-10cm 7m 14m L 30No. CAR BET Carpinus betulus O.G. STD 8-10cm 9m 17m L 14No. CAR FRA Carpinus betulus "Frans Fontaine O.G. STD 8-10cm 9m 16m L 18No. CAR LUC Carpinus betulus "Lucas" O.G. STD 8-10cm 5m 10m L O.G. STD 10-12cm 18m 24m M 2No. CAS SAT Castanea sativa 3No. FAG SYL Fagus sylvatica C.G. 25L STD 8-10cm 15m 20m M O.G. STD 8-10cm 12m 16m M 1No. LIQ STY Liquidamber styraciflua 3No. MAL JOH Malus "John Downie" O.G. STD 8-10cm 5m 6m M 11No. MAL SYL Malus sylvestris O.G. FTH 180-210cm 8m 10m M 16No. PRU AVI Prunus avium O.G. STD 10-12cm 13m 17m M 19No. PRU SUN Prunus "Sunset Boulevarde" O.G. STD 8-10cm 8m 10m M 2No. PYR CHA Pyrus calleryana "Chanticleer" O.G. STD 8-10cm 6m 8m M 16No. QUE ROB Quercus robur C.G. 25L STD 10-12cm 25m 20m H 18No. SOR STR Sorbus aucuparia "Streetwise" O.G. STD 10-12cm 5m 7m M 11No. SOR COM Sorbus x commixta "Embley" O.G. STD 10-12cm 12m 15m M O.G. STD 10-12cm 9m 11m M 13No. SOR SHE Sorbus aucuparia "Sheerwater Seedling" 33No. TIL COR Tilia cordata O.G. STD 10-12cm 17m 22m M 1No. TIL EUC Tilia x euchlora O.G. STD 10-12cm 13m 16m M 1No. TIL GRE Tilia cordata "Green Spire" O.G. STD 10-12cm 15m 19m M

HEAVY STANDARD TREES

QTY CODE PLANT NAME STOCK SIZE DFB MAX Ht WD 4No. CAR BET+ Carpinus betulus R.B. HVYSTD 12-14cm 9m 17m L 2No. FAG SYL+ Fagus sylvatica R.B. HVYSTD 12-14cm 15m 20m M R.B. HVYSTD 12-14cm 13m 17m M 1No. TIL COR+ Tilia cordata R.B. HVYSTD 12-14cm 17m 22m M

EXTRA HEAVY STANDARD AND SEMI MATURE TREES

QTY CODE PLANT NAME STOCK SIZE DFB MAX Ht WD 1No. ACE CAM* Acer campestre R.B. XHVYSTD 14-16cm 17m 22m M 18No. ACE ELS* Acer campestre "Elsrijk" R.B. XHVYSTD 14-16cm 9m 12m M 9No. CAR BET* Carpinus betulus R.B XHVYSTD 14-16cm 9m 17m L 28No. CAR FRA* Carpinus betulus "Frans Fontaine" R.B XHVYSTD 14-16cm 9m 16m L R.B. XHVYSTD 14-16cm 15m 20m M 1No. FAG SYL* Fagus sylvatica 9No. PRU SUN* Prunus "Sunset Boulevarde" R.B. XHVYSTD 14-16cm 8m 10m M 1No. PYR CHA* Pyrus calleryana "Chanticleer" R.B XHVYSTD 14-16cm 6m 8m M 12No. SOR SHE* Sorbus aucuparia "Sheerwater Seedling" R.B. XHVYSTD 14-16cm 15m 20m M 9No. SOR STR* Sorbus aucuparia "Streetwise" R.B. XHVYSTD 14-16cm 9m 11m M 5No. TIL COR* Tilia cordata R.B XHVYSTD 14-16cm 17m 22m M R.B XHVYSTD 20-25cm 15m 15m M 40No. TIL GRE* Tilia cordata "Greenspire"

CONIFEROUS TREES QTY CODE PLANT NAME STOCK SIZE DFB MAX Ht WD C G 15L CON 125-150cm 11m 30m M 2No Ced lib Cedrus libani 1No. lle Gol. llex x altaclerensis "Golden King" C.G. 45L BLE 150-180cm 6m 12m L C.G. 15L CON 125-150cm 11m 12m M Seq gig Sequoiadendron giganteum

STOCK SIZE DFB MAX Ht WD

STOCK SPACING SHC DFB

C.G. 3L 3/m D 2.25

MULTI-STEM TREES QTY CODE PLANT NAME

2No. AME LAM< Amelanchier lamarckii R.B. MUL 200-250cm 7m 8m M ORNAMENTAL HEDGE PLANTING

QTY CODE PLANT NAME 27m Hedge type 01 Single row 81No. Vib tin Viburnum tinus "Eve Price"

NATIVE HEDGE MIXES QTY % PLANT NAME STOCK SPACING SIZE DFB MAX HT W 1853m Native hedge mix 01: double staggered row 2224No. 20% Corylus avellana O.G. WHP 6/m 60-90cm 4m 8m O.G. WHP 6/m 60-90cm 13m 10m H 3335No. 30% Crataegus monogyn O.G. WHP 6/m 60-90cm 4m 5m M 1668No. 15% Viburnum opulus 2224No. 20% Cornus sanguinea O.G. WHP 6/m 60-90cm 2.5m 3m M 1112No. 10% Euonymus europaeus O.G. WHP 6/m 60-90cm 6m 8m M O.G. WHP 6/m 60-90cm 8m 6m H 551No. 5% Salix caprea 169m Native hedge mix 02: double staggered row O.G. WHP 6/m 60-90cm 2.5m 3m M 254No. 25% Cornus sanguinea 51No. 5% Rosa canina

O.G. WHP 6/m 60-90cm 2m 2m M 203No. 20% Viburnum opulus O.G. WHP 6/m 60-90cm 4m 5m M 254No. 25% Corylus avellana O.G. WHP 6/m 60-90cm 4m 8m O.G. WHP 6/m 60-90cm 2m 2m M 51No. 5% Rosa arvensis O.G. WHP 6/m 60-90cm 4m 5m M 101No. 10% Viburnum lantana 101No. 10% Ligustrum vulgare O.G. WHP 6/m 60-90cm 2.5m 3.5m M 506m Native hedge mix 03: double staggered row O.G. WHP 6/m 60-90cm 4m 8m L

607No. 20% Corylus avellana O.G. WHP 6/m 60-90cm 13m 10m H 911No. 30% Crataegus monogyna O.G. WHP 6/m 60-90cm 4m 5m M 304No. 10% Viburnum opulus 304No. 10% Cornus sanguinea O.G. WHP 6/m 60-90cm 2.5m 3m M 304No. 10% Euonymus europaeus O.G. WHP 6/m 60-90cm 6m 8m M 152No. 5% Acer campestre O.G. WHP 6/m 60-90cm 17m 22m M O.G. WHP 6/m 60-90cm 8m 6m H 152No. 5% Salix caprea

274m Native hedge mix 04; double staggered row 822No. 50% Viburnum tinus C.G. 3L 6/m 60-90cm 2.25m D M 494No. 30% Euonymus japonica C.G.3L 6/m 60-90cm - D L 83No. 5% Cytisus scoparius C.G. 3L 6/m 60-90cm 3m D H 83No. 5% Berberis julianae C.G. 3L 6/m 60-90cm - B 164No. 10% Spirea japonica C.G. 3L 6/m 15-30cm - B M

PLANT MIXES

STOCK SPACING SIZE DFB MAX HT QTY % PLANT NAME 263m2 GROUND COVER MIX A (individual species to be planted in groups of approx 20) 79No. 10% Hebe rakaiensis C.G. 3L 3/m2 158No. 20% Euonymus "Emerald & Gold" C.G. 3L 3/m2 237No. 30% Lonicera "Maygreen" C.G. 3L 3/m2 C.G. 3L 3/m2 316No. 40% Rosa grouse

111m2 GROUND COVER MIX B (individual species to be planted in groups of approx 20) 113No. 34% Symphoricarpos x chenaultii "Hancock" C.G. 3L 3/m2 110No. 33% Rubus tricolor C.G. 3L 3/m2 C.G. 3L 3/m2

110No. 33% Vinca major 1510m2 CANOPY MIX (species to be planted in groups of 5-10. Feathers to be at 5m interval 26No. 15% Crataegus monogyna 17No. 10% Corylus avellana 17No. 10% Cornus sanguinea

17No. 10% Betula pendula

O.G. WHP 3m CRS 60-90cm 4m 8m L O.G. WHP 3m CRS 60-90cm 2.5m 3m M 17No. 10% Malus sylvestris O.G. FTH 3m CRS 125-150cm 8m 10m M O.G. FTH 3m CRS 125-150cm 13m 17m M 35No. 20% Prunus avium 17No. 10% Acer campestre O.G. FTH 3m CRS 125-150cm 17m 22m M 9No. 5% Ilex aquifolium C.G. 3L 3m CRS 6m 12m L 17No. 10% Sorbus aucuparia O.G. FTH 3m CRS 125-150cm 9m 11m N

O.G. WHP 3m CRS 60-90cm 13m 10m H

O.G. FTH 3m CRS 125-150cm 7m 14m L

1088m2 NATIVE BUFFER PLANTING MIX A (individual species to be planted in groups of approximately 10)

O.G. WHP 1/m2 60-90cm 2.5m 3m M 109No. 10% Viburnum opulus O.G. WHP 1/m2 60-90cm 3m D 109No. 10% Rosa arvensis 109No. 10% Cornus sanguinea O.G. WHP 1/m2 60-90cm 2.5m 3m M 109No. 10% Frangula alnus O.G. WHP 1/m2 60-90cm 3.8m E O.G. WHP 1/m2 60-90cm 6m 8m M 109No. 10% Euonymus europaeus C.G. 3L 1/m2 2.5m 3.5m M 109No. 10% Ligustrum vulgare 54No. 5% Sambucus nigra O.G. WHP 1/m2 60-90cm 4.5m F 218No 20% Corvlus avellana O.G. WHP 1/m2 60-90cm 3m 6m L 82No. 7.5% Ilex aquifolium C.G. 3L 1/m2 6m 12m L 82No. 7.5% Taxus baccata

C.G. 3L 1/m2 5m 12m M 67m2 BUFFER PLANTING MIX (individual species to be planted in groups of approximately 10) O.G. WHP 1/m2 60-90cm 4m 8m L 10No. 15% Corylus avellana 10No. 15% Viburnum opulus O.G. WHP 1/m2 60-90cm 4m 6m M C.G. 3L 1/m2 2.5m 3m M O.G. WHP 1/m2 60-90cm 2.5m 3m M

7No. 10% Cornus alba "Sibirca" 7No. 10% Cornus sanguinea 7No. 10% Cornus sericea "Flaviramea" O.G. WHP 1/m2 60-90cm 3m D O.G. WHP 1/m2 60-90cm 3.8m E 7No. 10% Rhamnus francula 7No. 10% Crataegus monogyna C.G. WHP 1/m2 60-90cm 13m 10m I 7No. 10% Prunus spinosa O.G. WHP 1/m2 60-90cm3 6m 8m M 7No. 10% Rosa canina O.G. WHP 1/m2 60-90cm 3m D

1260m2 NATIVE SHRUB MIX (individual species to be planted in groups of approximately 10

O.G. WHP 1.5m CRS 60-90cm 13m 10m H 84No. 15% Crataegus monogyna 84No. 15% Corvlus avellana O.G. WHP 1.5m CRS 60-90cm 4m 8m L 84No. 15% Cornus sanguinea O.G. WHP 1.5m CRS 60-90cm 2.5m 3m N C.G. 3L 1.5m CRS 6m 12m L 28No. 5% llex aquifolium 28No. 5% Sorbus aucuparia O.G. FTH 1.5m CRS 125-150cm 9m 11m M 56No 10% Betula pendula O.G. FTH 1.5m CRS 125-150cm 7m 14m | 28No. 5% Frangula alnus O.G. WHP 1.5m CRS 60-90cm 3.8m F 56No. 10% Euonymus europaeus O.G. WHP 1.5m CRS 60-90cm 6m 8m N 42No. 7.5% Prunus spinosa O.G. FTH 1.5m CRS 125-150cm 3m 4m H 42No. 7.5% Viburnum opulus O.G. WHP 1.5m CRS 60-90cm 2.5m 3m N O.G. WHP 1.5m CRS 60-90cm 8m 6m H 28No. 5% Salix caprea

6No/m2 plug

907m2 Marginal Planting 816No. 15% Mentha aquatica 816No. 15% Silene flos-cuculi 6No/m2 plug 816No 15% Carex pendula 6No/m2 plug 816No. 15% Butomus umbellatus 6No/m2 plug 1088No. 20% Iris pseudoacorus 6No/m2 plug

SEED MIXES

1088No. 20% Lythrum salicaria

AREA SEED MIX NAME 13597m2 Floral Lawn ("EL1" Mix by Emorsgate Seeds, refer to Measured Works schedule).

1857m2 Amenity grass mix ("EG22" Mix by Emorsgate Seeds, refer to Measured Works schedule).

18672m2 Wildflower meadow mix ("EM3" Special General Meadow Mix by Emorsgate Seeds, refer to Measured Works schedule)

9631m2 Wet Wildflower mix ("EM8" Mix by Emorsgate Seeds, refer to Measured Works schedule) 6813m2 SCC Highways verge mix (Suffolk County Council (SCC) Highway verge mix)

72m2 Area to be turfed ("Medallion" by Rowlawn Ltd, refer to Measured Works Schedule

NOTES AND ABBREVIATIONS:

R.B. = Root-balled stock

C.G. = Container grown stock O.G. = Open ground stock, to be planted Nov 1st - March 1st

FTH = Feathered tree STD = Standard tree HVYSTD = Heavy Standard tree

BLE = Broad Leaf Evergreen CON = Conifer = Litre container

DFB = "Distance from Buildings" based on minimum building foundation depths

Max Ht = "Maximum Height" of tree WD = "Water Demand" of tree

XHVYSTD = Extra Heavy standard tree

SHC = Shrub Height Classification A = < 600mm mature height

B = 600mm - 1.8m mature height C = > 1.8m mature height with low water demand and slow growth D = 1.8m - 3m mature height

E = 3m - 5m mature heigh F = >5m mature height Note: Plants not classified within the JBA SHC are NOT designated as shrubs

JBA understand shrubs to be defined as those plants of perennial habit

with woody stems. -Girth size is given for standard trees, otherwise all sizes refer to height. All sizes are

Shrubs specified as 3 litre size shall be 400-600mm minimum height and spread and 2 litre stock shall be 300-400mm minimum height and spread. These heights and spreads in relation to pot size are just a guide and the "National Plant Specification" sizes will be accepted (but will be seen as the absolute minimum acceptable). Any shrub supplied which are smalle than this will be rejected at once. -Cornus varieties shall be twice transplanted and pruned to form bushy rounded plants. Leggy

plants with few branches will be rejected, as will leggy plants which have been pruned hard.

-Plants shall be completely hardened off, any plants which show signs of scorching after

REFER TO THE ACCOMPANYING MEASURED WORKS SCHEDULE DOCUMENT FOR MORE INFORMATION CHANGES TO SUPPLIERS/MANUFACTURERS ARE TO BE EQUAL AND APPROVED. SUBSTITUTIONS TO SHRUB/TREE VARIETIES ARE TO BE AGREED WITH LANDSCAPE ARCHITECT. DO NOT SCALE FROM THIS DRAWING

(C) JAMES BLAKE ASSOCIATES 2022

ALL DIMENSIONS TO BE CHECKED ON SITE

planting will be rejected.

SPECIFICATION FOR HEDGE PLANTING

SPECIFICATION FOR NATIVE AND SEMI-NATIVE HEDGES e.g. Mixed native species, Carpinu betulus & Fague sulvation cultivated bed

fence installed through centre of hedge

C:20:P insitu concrete strip foundation 350 x 300mm, haunched 5No ATOMIX BENCH 1600mm x 690mm 1000mm high above ground level. Available from Miracle Play, Tel 01604658240 or similar and approved. 3No. TIMBER LITTLE BIN (40L) 430mm x 430mm, 40 Litre capacity.



HARDWORKS

Available from Miracle Play, Tel 01604658240 or similar and

LOCKABLE GATES. AVAILABLE FROM MIRACLE PLAY, TEL

PROPOSED FEATHERED TREE, INCLUDING STAKE AND TIE. SEE

PROPOSED STANDARD TREE, INCLUDING DOUBLE STAKE AND

TIE. SEE SPECIFICATION NOTES A1, B2-3, B5, C1-4, D1-2 AND E1

PROPOSED HEAVY STANDARD TREE. INCLUDING DOUBLE STAKE

PROPOSED EXTRA HEAVY STANDARD TREE. INCLUDING DOUBLE

INCLUDING STAKE AND TIE. SEE SPECIFICATION NOTES A1, B2-3,

SPECIFICATION). SEE SPECIFICATION NOTES A1-2, B1-3, C1-3,

BIODEGRADABLE SHEET AND BARK MULICH (ACCORDING TO

HEDGE PLANTING, INCLUDING BIODEGRADABLE SHEET AND

BARK MULCH (ACCORDING TO SPECIFICATION), AND 3/2-STRAND

WIRE AND TIMBER POST FENCE THROUGH CENTRE OF HEDGE.

QUANTITIES, SEE SPECIFICATION NOTES A1-2, B1-3, B5, C1-3,

REPLACEMENT HEDGES. INCLUDING BIODEGRADABLE SHEET

3/2-STRAND WIRE AND TIMBER POST FENCE THROUGH CENTRE

OF HEDGE.. REFER TO HEDGE SCHEDULES ON PLAN AND THE

SCHEDULE OF QUANTITIES. SEE SPECIFICATION NOTES 1.1-1.2

PLAY AREA AMENITY GRASS MIX AREA UNLESS OTHERWISE

STATED ON PLAN. SEE SPECIFICATION NOTES B4, C5 AND E1.

SCC HIGHWAYS MIX FOR THE EDGE OF HIGHWAYS, UNLESS

FLORAL LAWN, UNLESS OTHERWISE STATED ON PLAN. SEE

OTHERWISE STATED ON PLAN. SEE SPECIFICATION NOTES B4,

WILDFLOWER SEEDED AREA. REFER TO PLANT SCHEDULE FOR

WILDFLOWER SEEDED AREA. REFER TO PLANT SCHEDULE FOR

BULB PLANTING IN MIXES, SPRING FLOWERING VARIETIES,

EXISTING TREE TO BE RETAINED. SEE GENERAL NOTE A1 AND

E1. IF PREPARED, SEE ALSO JAMES BLAKE ASSOCIATES PLAN

EXISTING VEGETATION GROUP OR HEDGE TO BE RETAINED, SEE

GENERAL NOTE A1 AND E1. IF PREPARED, SEE ALSO JAMES

AREA OF EXISTING GROUND FLORA TO BE RETAINED AND

SAWN SOFTWOOD TIMBER POST WITH METAL RAIL, post to be

TURF REINFORCEMENT MESH 'Turfmesh - Turfguard 3', available

from Geosynthetics Limited, Tel. 01455 617 139. With removable

ROADWAYS AND FOOTPATHS to be Bitumen Macadam with 6mm

gauge aggregate wearing course to be laid over 20mm gauge

aggegate base 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

PRECAST CONCRETE BLOCK EDGING, 50 x 150 x 900mm, flat

topped and laid flush with paving. Edging to be bedded into

450mm high. To be ACQ or Tanalith treated and stained with

2no. Coats of Sadolin Classis Colour "Jacobean Walnut" with

BLAKE ASSOCIATES PLAN AND SCHEDULE FOR ANY SURGERY

REFER TO SCHEDULE FOR FURTHER INFORMATION.

AND SCHEDULE FOR ANY SURGERY WORKS

removable rail for maintenance.

knee rail where required as above.

and all to Highway's Authority approval.

AND BARK MULCH (ACCORDING TO SPECIFICATION)AND

REFER TO HEDGE SCHEDULES ON PLAN AND THE SCHEDULE OF

SPECIFICATION. SEE SPECIFICATION NOTES A1-2, B1-3, C1-3,

STAKE AND TIE. SEE SPECIFICATION NOTES A1, B2-3, B5, C1-4,

PROPOSED CONIFER OR BROAD LEAF EVERGREEN TREE

SHRUB AND HERBACEOUS PLANTING, INCLUDING

GROUNDCOVER PLANTING IN MIXES, INCLUDING

D1-2 AND E1.

D1-2 AND E1.

C5 AND E1.

SPECIFICATION OF MIX

SPECIFICATION OF MIX

2.1-2.3, 3.1-3.3, 4.1-4.2 AND 5.1.

SPECIFICATION NOTES B4 C5 AND E1

B5, C1-6, D1-2 AND E1.

AND TIE. SEE SPECIFICATION NOTES A1, B2-3, B5, C1-4, D1-2

SPECIFICATION NOTES A1, B2-3, B5, C1-4, D1-2 AND E1

No. SPIRIX PICNIC TABLE 1850mm x 1610 x 800mm. Available from Miracle Play, Tel 01604658240 or similar and approved.

01604658240 OR SIMILAR AND APPROVED. HOGGIN WITH TIMBER EDGES

CONVEYANCE LINE FOR RELIEF ROAD

BOUNDARY LINES TO INDIVIDUAL LAND PARCELS AND PHASES

EASEMENT SEE ENGINEERS PLAN FOR MORE DETAIL PLAY EQUIPMENT. AVAILABLE FROM MIRACLE PLAY. TEL

01604658240 OR SIMILAR AND APPROVED WET POUR SAFETY SURFACING. AVAILABLE FROM MIRACLE PLAY, TEL 01604658240 OR SIMILAR AND APPROVED.

> 1M HIGH BOWTOP FENCING, GALVANISED. AVAILABLE FROM MIRACLE PLAY, TEL 01604658240 OR SIMILAR AND APPROVED 1.2M HIGH POST AND RAIL FENCE, AVAILABLE FROM JACKSON'S FENCING, TEL 01233 750 393 OR SIMILAR AND 3M HIGH BALL STOP NETTING. TO BE A WELD MESH FENCE

> SUITABLE FOR AROUND MUGA. 1.8M HIGH WELD MESH FENCE, WITH MATCHING GATES AROUND 01233 750 393 OR SIMILAR AND APPROVED BOULDERS, FALLEN LOGS AND STEPPING LOGS. AVAILABLE

FROM MIRACLE PLAY, TEL 01604658240 OR SIMILAR AND MOUNDS (CONTOURS AT 0.15M INTERVALS)

ROOT BARRIERS. AVAILABLE FROM GREENBLUE URBAN, TEL: 01580 830 800

SEE DRAWING JBA 18/351-29 FOR PLANTING SCHEDULE AND DRAWING LOCATION

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

PERSIMMON HOMES SUFFOLK HAVERHILL PHASE 2-6

DETAILED HARD AND SOFT LANDSCAPE PROPOSALS FOR ALL INFRASTRUCTURE AREAS AND POS FOR PAHSE 2-6

JAMES BLAKE

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ANDSCAPE ARCHITECTURE o ARBORICULTURE o ECOLOGY

