Groundworks Schedule

Grass

Abb	Name	Common Name	Form	Age	Girth	Height	Root	Brks	Cntr	Qty
Fes Gla	Festuca ovina 'Glauca'						C		4L	54
Fes Gla	Festuca ovina 'Glauca'						C		5-7.5L	315
										369

Herbaceous

Abb	Name	Common Name	Form	Age	Girth	Height	Root	Brks	Cntr	Qty
Cor can	Cornus canadensis	Creeping dogwood				30-40cm	C		5L	332
Mis Gra	Miscanthus sinensis 'Gracillimus'	Maiden grass					C		5-7.5L	185
Phl fru	Phlomis fruticosa	Jerusalem sage				40-60cm	C		5L	175
Sti gig	Stipa gigantea	Giant feather grass					C		5-7.5L	26
										718

Shrub

Abb	Name	Common Name	Form	Age	Girth	Height	Root	Brks	Cntr	Qty
Auc Var	Aucuba japonica 'Variegata'					60-80cm	C	7	10L	17
Ber Atr	Berberis thunbergii Atropurpurea					60-80cm	C		10L	58
Ber Nan	Berberis thunbergii 'Atropurpurea Nana'	Barberry				30-40cm	C	4	5L	814
Ber Red	Berberis thunbergii 'Red Chief'	Barberry				60-80cm	C	7	10L	28
Bux sem	Buxus sempervirens	Common box				40-50cm	C		5L	411
Ceo Ver	Ceanothus delilianus 'Gloire de Versailles'	French hybrid ceanothus				60-80cm	C		10L	77
Cho Sun	Choisya ternata 'Sundance'	Mexican orange blossom				40-60cm	C	7	10-15L	9
Cho Sun	Choisya ternata 'Sundance'	Mexican orange blossom				40-60cm	C	7	10L	64
Cho ter	Choisya ternata	Mexican orange blossom				40-60cm	C	7	10L	268
Cor ave	Corylus avellana	Hazel, Cobnut		1/1		60-80cm	B			65
Cor ave	Corylus avellana	Hazel, Cobnut		1/2		60-80cm	B	3		112
Cor ave	Corylus avellana	Hazel, Cobnut		1u1		60-80cm	B			654
Cor Ele	Cornus alba 'Elegantissima'	Red barked dogwood				60-80cm	C	7	10L	75
Cor Ele	Cornus alba 'Elegantissima'	Red barked dogwood				80-100cm	C	7	10L	86
Cor san	Cornus sanguinea	Common dogwood		1/1		60-80cm	B	4		65
Cor Sib	Cornus alba 'Sibirica'	Westonbirt dogwood				60-80cm	C	7	10L	33
Crns al	Cornus alba	Red barked dogwood		1/2		60-80cm	B			497
Cryls av	Corylus avellana	Hazel, Cobnut		1/1		40-60cm	B			664
Euo Gai	Euonymus fortunei 'Emerald Gaiety'	Spindle 'Emerald Gaiety				30-40cm(D)	C		5L	321
Euo Gai	Euonymus fortunei 'Emerald Gaiety'	Spindle 'Emerald Gaiety				30-40cm(D)	C	3	5L	253
Euo Gol	Euonymus fortunei 'Emerald n Gold'	Euonymus 'Emerald and Gold'				30-40cm(D)	C	3	5L	687
Euo Que	Euonymus fortunei 'Silver Queen'	Spindle Silver Queen				40-60cm	C		10L	29
Fat liz	Fatshedera lizei					60-80cm	C		10L	16
Heb Bea	Hebe 'Midsummer Beauty'	Hebe				40-60cm	C	11	10L	141
Heb Bea	Hebe 'Midsummer Beauty'	Hebe				40-60cm	C	7	10L	14
Heb Edg	Hebe albicans 'Red Edge'	Red edge hebe				30-40cm	C		5L	54
Heb Pag	Hebe pinguifolia 'Pagei'	Hebe				30-40cm(D)	C	5	5L	698
Hyd Blu	Hydrangea macrophylla 'Nikko Blue'	Blue hydrangea				40-60cm	C		10L	9
Hyp cal	Hypericum calycinum	Rose of sharon				20-25cm	C		5L	321
Hyp Hid	Hypericum patulum 'Hidcote'					40-60cm	C	6	10-15L	9
Hyp Hid	Hypericum patulum 'Hidcote'					40-60cm	C	6	10L	18
Hyp Hid	Hypericum patulum 'Hidcote'					40-60cm	C	7	10L	41
Ile aqu	Ilex aquifolium	Holly				40-60cm	C		2L	112
Ile aqu	Ilex aquifolium	Holly				60-80cm	C		3L	32
Lav Hid	Lavandula angustifolia 'Hidcote'	English lavender				30-40cm	C		5L	2123
Lig vul	Ligustrum vulgare	Common privet		1/1		60-80cm	B	3		114
Pho Rob	Photinia x fraserii 'Red Robin'	Red-tipped photinia		0/1		60-80cm	B		5L	1187
Pie Fla	Pieris floribunda 'Forest Flame'					60-80cm	C	12	10L	168
Pot Eli	Potentilla fruticosa 'Elizabeth'	Cinquefoil				40-60cm(D)	C	4	5L	39
Pru lus	Prunus lusitanica	Portugal laurel				60-80cm	C	4	5-7.5L	4676
Pru Luy	Prunus laurocerasus 'Otto Luyken'	Cherry laurel var.				40-60cm	C	4	5L	1425
Pru spi	Prunus spinosa	Blackthorn		1/0		60-80cm	B	3		112
Pru spi	Prunus spinosa	Blackthorn		1/1		60-80cm	B	2		652
Pru spi	Prunus spinosa	Blackthorn		1u1		60-80cm	B	3		1636
Ri sn	Ribes sanguineum	Flowering currant				60-80cm	C		3L	497
Ros can	Rosa canina	Dog rose		1/1		60-80cm	B	3		114
Ros Upr	Rosmarinus officinalis 'Miss Jessopp's Upright'	Rosemary				40-60cm	C	7	10L	143
Sal lan	Salix lanata	Woolly willow				40-50cm	C	13	5L	20
Sal lan	Salix lanata	Woolly willow				40-50cm	C	4	5L	22
Ski Rub	Skimmia japonica 'Rubella'	Japanese Skimmia				40-60cm	C	6	5L	38
Smb ng	Sambucus nigra	Common elder				60-80cm	B			497
Spi arg	Spiraea arguta	Bridal wreath, Foam of may				40-60cm	C		10L	21
Spi arg	Spiraea arguta	Bridal wreath, Foam of may				60-80cm	C		10L	49
Spi Wat	Spiraea bumalda 'Anthony Waterer'					40-60cm	C		5L	257
Vb op	Viburnum opulus	Guelder rose		1/1		60-80cm	B			497
Vib dav	Viburnum davidii	David viburnum				30-40cm	C	4	5L	2160
Vib dav	Viburnum davidii	David viburnum				30-40cm	C	8	5L	125
Vib opu	Viburnum opulus	Guelder rose		1/1		40-60cm	B	2		112
Vib opu	Viburnum opulus	Guelder rose		1/1		60-80cm	B	3		82
Vib Pri	Viburnum tinus 'Eve Price'	Laurustinus				30-40cm	C	4	3L	1835
Vin Var	Vinca major 'Variegata'	Greater periwinkle var.				10-15cm	C		5L	42
Vin Var	Vinca major 'Variegata'	Greater periwinkle var.				30-40cm	C		5L	902
Vin Var	Vinca major 'Variegata'	Greater periwinkle var.				30-40cm(D)	C		5L	81
Wei Rub	Weigela florida 'Bristol Ruby'	Bristol ruby weigela				60-80cm	C	7	10L	28
										26406

Tree

Abb	Name	Common Name	Form	Age	Girth	Height	Root	Brks	Cntr	Qty
Ace cam	Acer campestre	Field maple		1/1		60-80cm	B			83
Ace cam	Acer campestre	Field maple	Seedling (undercut)	1u1		60-80cm	B			149
Ace cam	Acer campestre	Field maple	Standard (Extra heavy)	3x	16-18cm	min 600cm	RB			27
Ace cam (fth)	Acer campestre (feathered)	Field maple	Feathered	2x		125-150cm	B	3		18
Ace Str	Acer campestre 'Streetwise'	Field maple	Standard (Extra heavy)	3x	16-18cm	min 600cm	RB	35		31
Ace Str	Acer campestre 'Streetwise'	Field maple	Standard (Heavy)	3x	12-14cm	350-425cm	RB	35		19
Acr cm	Acer campestre	Field maple	Transplant - seed raised	1/1		60-80cm	B			664
Aln glu	Alnus glutinosa	Common alder	Standard (Extra heavy)		16-18cm	min 600cm	B			18
Aln inc	Alnus incana	Grey alder	Standard (Extra heavy)	3x	16-18cm	min 600cm	RB	60		28
Bet Dal	Betula pendula 'Dalecarlica'	Swedish birch	Standard (Heavy)	3x	12-14cm	350-425cm	RB	76		9
Bet jac	Betula jacquemontii		Standard (Extra heavy)		16-18cm	min 600cm	B			2
Bet jac	Betula jacquemontii		Standard (Heavy)		12-14cm	350-425cm	B			12
Bet pen	Betula pendula	Silver birch	Standard (Extra heavy)	3x	16-18cm	min 600cm	B	85		37
Bet pen	Betula pendula	Silver birch	Transplant (seed-raised)	1/2		125-150cm	B			56
Car bet	Carpinus betulus	Hornbeam	Standard (Extra heavy)	3x	16-18cm	450-500cm	RB			5
Car Fon	Carpinus betulus 'Frans Fontaine	Hornbeam	Standard (Extra heavy)	3x	12-14cm	350-425cm	RB	65		19
Car Fra	Carpinus betulus 'Frans Fontaine	Hornbeam	Standard (Extra heavy)	3x	16-18cm	min 600cm	RB	65		37
Cra mon	Crataegus monogyna	Common hawthorn		1u1		60-80cm	B			4048
Cra mon	Crataegus monogyna	Common hawthorn	Extra-heavy Standard	3x	14-16cm	550-600cm	RB	7		3
Cra mon (fth)	Crataegus monogyna (feathered)	Common hawthorn	Feathered	2x		125-150cm	B			18
Liq sty	Liquidambar styraciflua	Sweet gum	Feathered	5x	12-14cm	350-425cm	RB	55		4
Liq sty	Liquidambar styraciflua	Sweet gum	Standard (Extra heavy)	3x	16-18cm	min 600cm	B	55		1
Lir tup	Liriodendron tulipifera	Tulip tree	Standard (extra-heavy)	3x	16-18cm	450-500cm	RB			5
Mal Hor	Malus 'Golden Hornet'	Apple	Standard (Selected)	3x	12-14cm	350-425cm	B			2
Mal Red	Malus 'Red Sentinel'	Apple		3x	14-16cm	500-550cm	RB	5		3
Mal Sen	Malus 'Red Sentinel'	Apple	Standard (Heavy)	3x	12-14cm	350-425cm	RB	54		3
Mal syl	Malus sylvestris	Crab apple		1/1		60-80cm	B			82
Mal syl	Malus sylvestris	Crab apple	Feathered	2x		125-150cm	B	1		56
Pru Aut	Prunus subhirtella 'Autumnalis'	Autumn cherry	Standard (Heavy)	3x	12-14cm	350-425cm	RB	56		10
Pru avi	Prunus avium	Gean, Wild cherry		1/1		60-80cm	B			83
Pru avi	Prunus avium	Gean, Wild cherry	Standard (Extra heavy)	3x	16-18cm	min 600cm	B	39		33
Pru avi (fth)	Prunus avium (feathered)	Gean, Wild cherry	Whip/Feather	2x		125-150cm	B	1		40
Pru Sub	Prunus subhirtella 'Autumnalis'	Autumn cherry	Standard (Extra heavy)	3x	14-16cm	550-600cm	RB	77		3
Pyr Cha	Pyrus calleryana 'Chanticleer'	Callery pear var.	Standard (Extra heavy)	3x	16-18cm	min 600cm	RB	69		12
Que Fas	Quercus robur 'Fastigiata'	Pyramidal english oak	Standard (Extra heavy)	3x	16-18cm	min 600cm	WB			19
Que pet	Quercus petraea	Sessile oak, Durmast oak	Standard (extra-heavy)	3x	16-18cm	450-500cm	RB			14
Que rob	Quercus robur	Common, English oak		1/2		60-80cm	B			83
Que rob (fth)	Quercus robur (feathered)	Common, English oak	Feathered	2x		125-150cm	B	2		18
Sor auc	Sorbus aucuparia	Mountain ash or Rowan		1/1		60-80cm	B			98
Sor auc	Sorbus aucuparia	Mountain ash or Rowan	Standard (Extra heavy)	3x	16-18cm	min 600cm	B	67		5
Sor auc	Sorbus aucuparia	Mountain ash or Rowan	Transplant (seed-raised)	1/2		125-150cm	B			75
Sor auc (fth)	Sorbus aucuparia (Feathered)	Mountain ash or Rowan	Feathered	2x		125-150cm	B	3		40
Sor Lut	Sorbus aria 'Lutescens'	Whitebeam	Standard (Selected)	2x	12-14cm	350-425cm	RB	37		21
Til cor	Tilia cordata	Small-leaved lime	Standard (Extra heavy)	3x	16-18cm	450-500cm	RB			8
Til Gre	Tilia cordata 'Green Spire'	Greenspire linden	Standard (Extra heavy)	3x	16-18cm	min 600cm	B			16
Ulm gla	Ulmus glabra	Wych elm	Extra-heavy Standard	3x	14-16cm	550-600cm	RB	7		10
										6027
										33520

Specification for Soft and Hard Landscape Works.

All landscape works shall comply with BS 4428:1989.

Unless where otherwise specified:-

A. Setting Out

1. Planting shall be set out exactly as shown on the drawing and measured from existing fixed points. Curved beds shall be set out using radii scribed on the ground using two pointed stakes and a line between, or with site marker paint. The junction between convex and concave curves shall be cut to form a smooth and even flowing line. Check that all setting out conforms to the plan before cultivation and planting works are carried out. Failure to do so may result in rejection of the work by the landscape architect and may require amendment at the contractor's expense.
2. All planting beds shall be a minimum of 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.

1. Pre-planting herbicide application shall be applied by suitable spraying apparatus using an approved translocated systemic herbicide to 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 geotextile 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 own cost. Repeat as necessary to ensure complete kill and rake off all dead material from site.
2. Carry out the following works to the existing topsoil on site to ensure it conforms to BS 3882:2015, 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 metre square of Fisons "Neutrocote" 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 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. Do not break up soil within the root protection zone of any retained tree. Refer to All About Trees Arboricultural Implications Assessment for further information.
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 areas.
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: 2007, and be free from rocks (over 50mm diameter), 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 supplied to site without a written instruction.

C. Planting

1. All planting must be carried out in accordance to the specification and schedule of quantities accompanying these drawings. Refer to the specification for the preparation of existing topsoil and required depths for planting, turfing, and standard trees, and also for maintenance requirements.
2. No substitutions will be accepted without the prior agreement of the inspecting landscape architect. The contractor shall replace at once at his own cost any stock size, species or variety of plant which has not been specified on the planting plan and schedule, unless prior agreement to a substitution by the landscape architect has been received. All plants shall be true to size specified in the schedule of plants and associated notes, (3L pots are 19cm diameter and 15cm deep). All shrubs, (other than ground cover), shall be 400-600mm height and spread, or otherwise specified for the pot size by the HTA National Plant Specification and be bushy, healthy, disease free stock, not pot bound, leggy or spindly. This specification is the minimum standard required and any stock falling below this standard, in the sole opinion of the inspecting landscape architect, shall be lifted and replaced at the contractor's expense.
3. Refer to accompanying Landscape Management Plan for watering details.
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.tie with spacing device positioned 25mm maximum from the top of the post.
5. Turf to be of cultivated grade such as Rowlawn "Medalion", or other of similar quality and source, approved by the landscape architect. The contractor shall replace at once any turf rejected by the landscape architect at his own cost.
6. Self-clinging climbing shrubs or wall shrubs shall be trained to the wall/fence with heavy duty, plastic coated garden wire. Training 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, and string the wire tightly between the fixings. Train the climber to the wire with plastic coated garden wire tags.
7. Twining varieties of climber shall be trained to walls/fences by mounting ready-made trellis panels 1.8 x 1.8m generally (but 1.8 x 0.6m for corners or where space is restricted). 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-toxic preservative wood stain such as Sadolin "Classic" walnut or similar and approved. Ensure that the trellis is not in contact with the ground. Train the climbing shrub to the trellis with plastic coated garden wire tags.
8. Climbers specified outside proposed shrub beds shall have specially prepared climber pits. Climber pits shall be 400mm x 400mm and 600mm deep (minimum size), and be backfilled with topsoil (from site - unless otherwise agreed). Ensure the base of the pit is thoroughly broken up and free draining before back filling with topsoil. Ensure no damage to foundations and services, and make good all structures and surfaces disturbed. Fertilise with 50g of Fisons "Neutrocote" slow release fertiliser. Water with 15 litres of water per climber pit.

D. Mulch

1. When specified by the additional specification notes on this plan, supply and spread agrotextile "Weedstop Fabric" sheet mulch over planting beds, previously, cultivated, graded and fertilized topsoil before planting, and peg down with Weedstop pegs at a minimum of 500mm centres, (300mm at edges) and beds less than 1m wide. Pegging this densely is essential to prevent flaps of material becoming exposed. Refer to the specification for "Weedstop Fabric" sheet mulch on plan.
2. Following planting supply and spread evenly Melcourt Industries "Rustic Biomulch" 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 pavements 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 break down.

E. BS Codes

1. All workmanship and materials shall conform to the following codes:-
   - General landscape operations (excluding hard surfaces) - BS 4428:1989.
   - Trees in relation to construction- BS 5837:2012.
   - BS 3998:2010 (recommendations for tree works) unless otherwise specified.
   - Arboricultural Association - GN 8 Framework for tree work contracts - standard conditions of contract and specification for tree works 2008.
   - BS 8545:2014 Trees: from nursery to independence in the landscape. Recommendations
   - Nursery stock in accordance with latest horticultural trade association nursery stock specification entitled "National Plant Specification 2001 ".
   - Turf - BS 3969:1998- recommendations for turf for general purposes.
   - Seeding - EEC Regulations 1974. Use blue labelled certified varieties to EC purity and germination regulations. When requested, submit an official seed Testing Station Certificate of germination, purity and composition.
   - Topsoil - BS 3882:2007
   - Pesticides: Control of Pesticides Regulations 1997; The Health and Safety at Work Act 1974; the COSHH Regulation 2003, the product COSHH sheet Water Supply (Water Quality) Regulations amended 1991;Control of Pollution Act 1974; Hedgerow ACT 1997; Wildlife and Countryside Act 1981.

F. General Notes for the Developer.

1. Tree Protection
   - Please refer to All About Trees' tree protection information. No digging to take place within the root protection zones of protected trees.
2. Ground Work
   - 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.
   - Top soil spread from on site should be to the following minimum depths:- Shrub beds: 350mm. Grass areas 150mm. allow for excavation of 415mm of the subgrade for shrub beds to leave beds 65mm below finished pavement or grass areas in order to receive sheet and bark mulch, (90mm below where sheet mulch is not to be used). Tree pits will be as per BS 8545:2014. Top soil shall be spread for grass areas flush with any areas of paving and after settlement, the soil level should be no greater than 10mm below paved areas to allow for turf. 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 rain water to drain onto soft surfaces. 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 drainage problems will be encountered.
   - 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 rubble. Soil shall have a clay content of less than 20%.
3. Hardworks
   - Hard works, unless otherwise agreed, shall be carried out by the developer or main contractor. All materials and workmanship shall be in accordance with the construction details and the layout plan.
   - 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 marker paint, achieving flowing natural arcs. Setting out shall be agreed with the landscape contractor and subsequently the landscape architect.
   - 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 are minimum depths assuming suitable substrate conditions.
   - All metalwork shall be finished hot dipped galvanized in accordance with BS EN ISO1460. The galvanizer shall be responsible for the thorough removal of all galvanizing smuts (fettling) to the complete satisfaction of the Landscape Architect. The decorating contractor shall prepare the galvanized surface by washing with detergent and water and 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 accordance with the manufacturer's instructions, COSHH regulations and the product COSHH sheet. Apply 2No. coats of paint with a dry film thickness of 100 microns per coat. Apply paint only when galvanized surface is thoroughly dry at temperatures above five degrees Celsius and in any event above the current dew point temperature. Paint work will be subject to inspection by experts and if found wanting, shall be stripped off, re-prepared and applied entirely at the decorating contractors own cost.
   - All wood work to use ACQ water based wood preservative applied by vacuum pressure by Permawood or other similar and approved company. The timber shall then be stained with 3No. coats of Sadolin 'Classic,' colour 'Walnut' strictly in accordance with the manufacturer's instructions, COSHH Regulations 2003 and product COSHH sheet.

Legend

- Extra heavy standard tree planting in grassed areas with protection offered to adjacent highways/swale construction, as per drawing c-1987-17. Tree pits as per BS 8545:2014. To include single 1.6m timber stake, 600mm above ground, spacer and biodegradable tie.
- Extra heavy standard tree planting in grassed or planted areas. Tree pits as per BS 8545:2014. To include single 1.6m timber stake, 600mm above ground, spacer and biodegradable tie.
- Heavy standard tree planting in grassed or planted areas. Tree pits as per BS 8545:2014. To include single 1.6m timber stake, 600mm above ground, spacer and biodegradable tie.
- Ornamental shrub planting, including 50mm depth no-fines bark mulch. Individual species to be planted in groups of no more than 7 plants.
- Ornamental hedge planting, including 50mm depth no-fine bark mulch.
- Native hedge planting. Plants to be pit planted at 0.33m spacing in a double staggered row (6 plants per linear metre). Shelters to all plants. Species to be planted in random, single species groups of no more than 5 plants.
- Areas to be turfed.
- Areas of amenity grass seed mix or existing grassland, made good.
- Areas of species-rich acid meadow grass seeding, such as Emorsgate Mix EM4, or similar and approved.
- New native planting at 1m (shrub species) and 2m (tree species) centres, including tubular guards and stakes.
- Proposed native marginal planting.
- Proposed native reed/grass planting within swale base.
- Proposed sensory planting to play area.
- Sand/gravel margin to edge of lake.
- Hoggin paths.

Revision C: Corrections to path network and missing swales added back. PDP. 09.04.24
Revision B: Adjustment to planting mix within native planting surround lake. 12.03.24
Revision A: Updated to replanned layout from Nineteen Architects. PDP. 28.02.24

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Project
Lincolnshire Lakes, Scunthorpe

Drawing title
Detailed Landscape Proposals

Scale 1:500 @ A1 | Drawn by PDP | Date Feb 2024

Drawing No.
c-1987-06 Revision C