



LEGEND

SOFT LANDSCAPE

EXISTING TREES & VEGETATION



Existing Trees to be Retained
To be protected in accordance with BS 5837:2012 'Trees in relation to Design, Demolition and Construction'

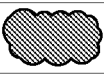


Existing Vegetation to be retained
Existing vegetation to be cut back away from roads/pathways as appropriate to allow clear routes through the site

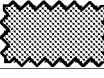
NOTE: Refer to FPCR arboricultural survey & report for details

Note: No dig construction to be carried out in any location where construction is within RPA of existing trees. Refer to Arboriculturalist's drawings & reports for further details

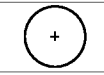
PROPOSED PLANTING




Proposed Woodland Planting
Product: Bare root stock
Size/Spec: Refer to plant schedule for details



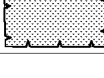
Proposed Native Scrub Planting
Product: Bare root stock
Size/Spec: Refer to plant schedule for details




Proposed Tree Planting
Size/Spec: Refer to plant schedule for details
Note: Final location of trees to be determined with services alignment. Fruit trees to be sourced from local suppliers, such as Southern Fruit Trees (www.southernfruittrees.co.uk), Blackmoor (www.blackmoor.co.uk) or similar and approved.




Proposed Shrub Planting
Product: Container grown plant stock
Size/Spec: Refer to plant schedule for details



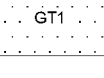
Proposed Single Species Hedge Planting
Product: Container grown plant stock
Size/Spec: Refer to plant schedule for details



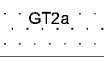
Proposed Mixed Native Hedge Planting
Product: Field grown plant stock
Size/Spec: Double staggered row; refer to plant schedule for details



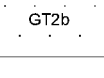
Proposed Climbing Shrub Planting
Size/Spec: Refer to plant schedule
Supplier: Local source to be approved
Note: All batches of species are to be labeled prior to delivery



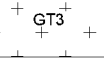
Grass Type 1 - Proposed Turf
Product: WFT-Species-Rich-26 Species Rich Lawn Turf
Supplier: Wildflower Turf or similar approved



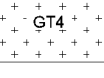
Grass Type 2a - Close-mown Amenity Grass
Product: WFG20 Eco Species Rich Lawn Mixture
Supplier: Germinel Seeds or similar approved




Grass Type 2b - Long Sward Amenity Grass
Product: WFG20 Eco Species Rich Lawn Mixture
Supplier: Germinel Seeds or similar approved



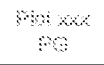
Grass Type 3: Meadow Grass
Product: EM2 Standard General Purpose Meadow Mixture
Supplier: Emorsgate Seeds



Grass Type 4: Proposed Wetland Mixture
Spec: EMS Meadow Mixture for Wetlands
Supplier: Emorsgate Seeds or similar approved



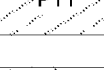
Close Mown Strip To Meadow Edge




Private Garden
To be cleared and graded, or cleared and turfed as per developer specification

HARD LANDSCAPE

PAVING TYPE




Paving Type 1 - Self Binding Gravel
To Engineer's Specification



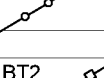
Paving Type 2 - Safety Surfacing
Product: Resin bound mulch

EDGING TYPES

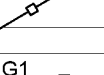


Edging Type 1 - Timber Edging
To Engineer's Specification

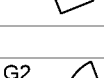
BOUNDARY TYPES




Boundary Type 1 - Cleft Chestnut Post and Rail Fence
Product: Treated softwood post and 3 horizontal bar fencing
Height: 1200mm high



Boundary Type 2 - Estate Railings
Product: Galvanised black vertical metal bar estate railings
Height: 1200mm high



Gate 1 - Self Closing Timber Pedestrian Gate
To match BT1



Gate 2 - Self Closing Timber Pedestrian Gate with Lockable Maintenance Leaf
To match BT1

FURNITURE



Furniture Type 1 - Timber Seat with Backrest
Size: 2000mm (l) x 340mm (d) x 450mm (h)



Furniture Type 2 - Lidded Litter Bin



Furniture Type 3 - Timber Bollard
Size/Colour: 500 mm (h, above ground) x 200mm (l) x 200mm (d)




Furniture Type 4 - Cycle Stand
Size/Colour: 1000mm (l) x 825mm (h) x 60mm (d) / Mild steel brushed satin finish




Furniture Type 5 - Timber Picnic Bench
Size: 2000mm (l) x 730mm (d) x 780mm (h)

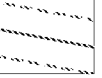
OTHER




Application Boundary



Banking within soft landscape
Indicative to indicate levels change.




Existing Rising Main with 6m Easement



Trim Trail Equipment 1 - Outdoor Pull Up Station
Playgroup or equal and approved




Trim Trail Equipment 2 - Sit-Up and Leg Raise Benches
Supplied and installed with 2 parallel benches only; Playgroup or equal and approved



Trim Trail Equipment 3 - Step-up Steps
Playgroup or equal and approved



Trim Trail Equipment 4 - Outdoor Balance Beam
Playgroup or equal and approved



Trim Trail Equipment 5 - Monkey Bar Gym
Playgroup or equal and approved

Notes on drawings

- Refer to engineers and specialist drawings and details for lighting, drainage, underground services.
- Final fence location to be fully coordinated with lighting layout, underground service runs and site drainage.
- Extent of permeable paving to be confirmed by engineer's design.
- Levels information for the areas of open space in relation to the built form FFL's and retaining walls are to be read in conjunction with Engineers' proposed levels, boundary treatments to be coordinated with Landscape Architects and Engineers Site layout plans.
- Slope profiles to the open space areas are to be as slack as possible considering access for all.

INDICATIVE PLANTING SCHEDULE

PROPOSED TREES					
Species	Pot Size	Girth	Height	Specification	Qty.
Acer campestre 'Elsrijk'	RB	14-16cm		Extra Heavy Standard - Clear Stem min. 200cm - RB	49
Alnus glutinosa	RB	14-16cm		Extra Heavy Standard - Clear Stem min. 200cm - RB	16
Alnus glutinosa	RB	18-20cm		Advanced Nursery Stock - Clear Stem 175-200cm - RB	7
Betula nigra	RB	14-16cm		Extra Heavy Standard - Clear Stem 175-200cm - RB	28
Betula pendula	RB	16-18cm		Advanced Nursery Stock - Clear Stem 175-200cm - RB	28
Cercis canadensis 'Forest Pansy'	C45	10-12cm		Selected Standard - Clear Stem 175-200cm - Containerised	5
Corylus avellana	RB	Multi-Stem	2.5-3.0m	Multi-Stemmed - Min 5 brks - RB	23
Crataegus monogyna	RB	12-14cm		Heavy Standard - Clear Stem min. 175-200cm - RB	3
Hedera helix	C15		2.0-2.5m	Feather Bushy - Single stem - Containerised	59
Liquidambar styraciflua 'Worplesdon'	RB	20-25cm		Semi-Mature - Clear Stem min. 200cm - RB	7
Liquidambar styraciflua 'Worplesdon'	RB	16-18cm		Advanced Nursery Stock - Clear Stem min. 200cm - RB	8
Magnolia 'Elkayeth'	RB	12-14cm		Extra Heavy Standard - Clear Stem 175-200cm - RB	6
Magnolia stellata	RB	Multi-Stem	2.0-2.5m	Multi-Stemmed - Min 5 brks - RB	12
Metasequoia glyptostroboides	RB	16-18cm		Advanced Nursery Stock - Clear Stem min. 200cm - RB	4
Prunus avium	RB	16-18cm		Advanced Nursery Stock - Clear Stem 175-200cm - RB	10
Prunus masaka	RB	16-18cm		Advanced Nursery Stock - Clear Stem min. 200cm - RB	6
Prunus yedoensis	RB	18-20cm girth		Advanced Nursery Stock - Clear Stem min. 200cm - RB	5
Quercus robur	RB	20-25cm		Semi-Mature - Clear Stem min. 200cm - RB	1
Quercus robur	RB	16-18cm		Advanced Nursery Stock - Clear Stem min. 200cm - RB	1
Salix caprea	RB	Multi-Stem	2.5-3.0m	Multi-Stemmed - Min 5 brks - RB	12
Salix fragilis	RB	Multi-Stem	2.5-3.0m	Multi-Stemmed - Min 5 brks - RB	4
Ulmus 'New Horizon'	RB	16-18cm		Advanced Nursery Stock - Clear Stem min. 200cm - RB	17

Woodland Planting Mix					
Species	Height	Specification	Density	Percentage Contribution	Number
Acer campestre	120-150cm	2X Feathered - 3 breaks - BR	3/m ²	8%	76
Acer campestre	120-150cm	2X Feathered - 3 breaks - BR	2/m ²	8%	68
Carpinus betulus	120-150cm	2X Feathered - 3 breaks - BR	3/m ²	10%	78
Carpinus betulus	120-150cm	2X Feathered - 3 breaks - BR	2/m ²	8%	38
Cornus sanguinea	120-150cm	2X Feathered - 3 breaks - BR	3/m ²	12%	113
Cornus sanguinea	120-150cm	2X Feathered - 3 breaks - BR	2/m ²	12%	58
Corylus avellana	120-150cm	2X Feathered - 3 breaks - BR	3/m ²	14%	132
Corylus avellana	120-150cm	2X Feathered - 3 breaks - BR	2/m ²	14%	66
Crataegus monogyna	120-150cm	2X Feathered - 3 breaks - BR	3/m ²	12%	113
Crataegus monogyna	120-150cm	2X Feathered - 3 breaks - BR	2/m ²	12%	58
Frangula alnus	120-150cm	2X Feathered - 3 breaks - BR	3/m ²	14%	132
Frangula alnus	120-150cm	2X Feathered - 3 breaks - BR	2/m ²	14%	66
Ilex aquifolium	120-150cm	Leader with laterals - BR	2/m ²	8%	38
Lonicera periclymenum	60-80cm	Containerised - Caned - Several shoots - 2 breaks - BR	3/m ²	0%	57
Lonicera periclymenum	60-80cm	Containerised - Caned - Several shoots - 2 breaks - BR	2/m ²	0%	28
Prunus avium	120-150cm	2X Feathered - 3 breaks - BR	3/m ²	0%	57
Prunus avium	120-150cm	2X Feathered - 3 breaks - BR	2/m ²	0%	28
Rosa canina	120-150cm	1+1 - Transplant - seed raised - Branched - 3 breaks - BR	3/m ²	0%	57
Rosa canina	120-150cm	1+1 - Transplant - seed raised - Branched - 3 breaks - BR	2/m ²	0%	28
Salix cinerea	120-150cm	2X Feathered - 3 breaks - BR	3/m ²	0%	57
Salix cinerea	120-150cm	2X Feathered - 3 breaks - BR	2/m ²	0%	28
					Total: 1416

Scrub Planting Mix					
Species	Height	Specification	Density	Percentage Contribution	Number
Cornus sanguinea	120-150cm	2X Feathered - 3 breaks - BR	3/m ²	18%	439
Corylus avellana	120-150cm	2X Feathered - 3 breaks - BR	3/m ²	12%	294
Crataegus monogyna	120-150cm	2X Feathered - 3 breaks - BR	3/m ²	18%	439
Frangula alnus	120-150cm	2X Feathered - 3 breaks - BR	3/m ²	10%	244
Ilex aquifolium	120-150cm	Leader with laterals - BR	3/m ²	12%	294
Ligustrum vulgare	120-150cm	2X Feathered - 3 breaks - BR	3/m ²	5%	124
Malva sylvestris	120-150cm	2X Feathered - 3 breaks - BR	3/m ²	12%	294
Rosa pimpinellifolia	120-150cm	1+1 - Transplant - seed raised - Branched - 3 breaks - BR	3/m ²	8%	180
Sambucus nigra	120-150cm	2X Feathered - 3 breaks - BR	2/m ²	7%	173
					Total: 2451

Mixed Native Hedge					
Species	Height	Specification	Density	Percentage Contribution	Number
Acer campestre	80-100cm	1+2 - Transplant seed raised - BR	0.3Cr Double Staggered at 0.3m offset	15%	79
Carpinus betulus	80-100cm	1+2 - Transplant seed raised - BR	0.3Cr Double Staggered at 0.3m offset	20%	106
Corylus avellana	80-100cm	1+2 - Transplant seed raised - BR	0.3Cr Double Staggered at 0.3m offset	10%	54
Crataegus monogyna	80-100cm	1+2 - Transplant seed raised - BR	0.3Cr Double Staggered at 0.3m offset	40%	209
Ilex aquifolium	80-100cm	Leader with laterals - RB	0.3Cr Double Staggered at 0.3m offset	10%	52
Prunus spinosa	80-100cm	1+2 - Transplant seed raised - BR	0.3Cr Double Staggered at 0.3m offset	5%	28
					Total: 530

Proposed Single Species Hedge Planting					
Species	Size/Spec	Condition	Density		
Acer campestre	100-120cm	BR	3/m ²		
Carpinus betulus	100-120cm	BR	3/m ²		

Proposed Ornamental Shrub Planting					
Species	Size/Spec	Condition	Density		
Brachyglottis 'Sunshine'	40-60cm	C5	5/m ²		
Cornus alba 'Elegantissima'	40-60cm	C5	5/m ²		
Choisya ternata	40-60cm	C5	5/m ²		
Cytisus x praecox 'Allegoli'	40-60cm	C5	5/m ²		
Daphne odora 'Aureomarginata'	30-40cm	C3	6/m ²		
Deutzia gracilis 'Nikko'	30-40cm	C3	6/m ²		
Hydrangea paniculata	30-40cm	C5	4/m ²		
Mahonia 'Soft Caress'	30-40cm	C5	5/m ²		
Potentilla fruticosa	30-40cm	C3	6/m ²		
Salvia rosmarinus	30-40cm	C3	6/m ²		
Sarcococca hookeriana 'Purple Stem'	60-80cm	C5	5/m ²		
Gerardia lydia	30-40cm	C5	5/m ²		
Viburnum tinus 'Eve Price'	40-60cm	C5	5/m ²		
Viburnum davidii	40-60cm	C5	5/m ²		

Proposed Herbaceous Planting					
Species	Size/Spec	Condition	Density		
Anthemis tinctoria 'E.C. Buxton'	20-30cm	C3	7/m ²		
Anemone x hybrida 'Königin Charlotte'	30-40cm	C3	7/m ²		
Digitalis purpurea	10-20cm	P9	9/m ²		
Scabiosa columbaria subsp. ochroleuca	30-40cm	C3	7/m ²		
Bergenia 'Bessingham Ruby'	30-40cm	C3	7/m ²		
Anemone 'Horatio'	30-40cm	C3	7/m ²		
Phlox russelliana	40-60cm	C5	6/m ²		
Nepeta 'Walker's Low'	15-20cm	C3	7/m ²		
Bergenia 'Silberlicht'	15-20cm	C3	7/m ²		
Salvia yangii 'Blue Spire'	40-60cm	C5	6/m ²		
Hylotelephium 'Herbsttraube'	20-30cm	C3	7/m ²		
Geranium 'Brookside'	20-30cm	C3	7/m ²		
Geranium psilostemon	40-50cm	C3	7/m ²		
Tiarella 'Spring Symphony'	20-30cm	C3	7/m ²		
Brunnera macrophylla 'Jack Frost'	20-30cm	C3	7/m ²		
Libertia grandiflora	30-40cm	C3	7/m ²		
Epimedium x rubrum	20-30cm	C3	7/m ²		
Eurybia x rubrum	30-40cm	C3	7/m ²		
Heimerbach 'Hyperion'	40-60cm	C3	7/m ²		

Proposed Ornamental Grasses					
Species	Size/Spec	Condition	Density		
Miscanthus sinensis 'Kleine Fontaine'	40-40cm	C5 Full Pot	7/m ²		
Deschampsia cespitosa 'Goldschleier'	30-40cm	C5 Full Pot	6/m ²		
Hakonechloa macra	30-40cm	C3 Full Pot	6/m ²		
Calamagrostis 'Karl Foerster'	30-40cm	C5 Full Pot	6/m ²		
Panicum virgatum 'Heavy Metal'	30-40cm	C5 Full Pot	7/m ²		
Sesleria autumnalis	30-40cm	C3 Full Pot	7/m ²		
Carex 'Ice Dance'	30-40cm	C3 Full Pot	7/m ²		

Proposed Ferns					
Species	Size/Spec	Condition	Density		
Dryopteris affinis	30-40cm	C5 Full Pot	5/m ²		
Dryopteris filix-mas	30-40cm	C5 Full Pot	5/m ²		
Polystichum setiferum	30-40cm	C5 Full Pot	5/m ²		
Asplenium scolopendrium	30-40cm	C5 Full Pot	5/m ²		

Proposed Bulb Planting					
Species	Size/Spec	Condition	Density		
Camassia leichtlinii	Top size	Dry Bulb	25/m ²		
Tulip sylvestris	Top size	Dry Bulb	25/m ²		
Narcissus pseudonarcissus	Top size	Dry Bulb	25/m ²		

GENERAL SPECIFICATION NOTES

Proposed Tree Planting: Nursery Stock and Selection
All planting should comply with the requirements specified in BS 3936:1992 'Nursery Stock' (Part One). All nursery stock and trees are to be free of pest and diseases prior to being delivered to site. The Landscape architect reserves the right to reject trees and nursery stock that do not meet specifications as set out in the requirements and guidelines in BS 3936:1992 or in accordance with the landscape architects drawings. If a particular defect or substantial element can be corrected easily, appropriate remedies shall be applied and agreed with the landscape architect. If destructive inspection of a root ball is to be carried out, agreement should be in place prior as to the time and place of inspection. Inspection of shrub roots in containers or rootball can be carried out on site if required.
BS 8545:2014 'Trees: from nursery to independence in the landscape', is a new British Standard to assist people involved in tree selection, producing, planting and managing new trees in the landscape. A process for planting young trees that will result in them achieving 'independence in the landscape'. This means that they are healthy and have every chance of survival

Tree Handling
It is recommended that companies that do not have experience with handling large trees or the required equipment to do so seek advice from the landscape architect or tree surgeon. Furthermore, specialist hauliers are to be used who will have the correct lifting equipment to deal with unloading large trees.
The landscape contractor must follow the industry guidance method for handling trees. Below are recommended industry standards.

Dormant tree sizes of 12-16cmg:
These can be lifted and unloaded using a root hook and hoist. Even when the tree is dormant it is recommended to wrap the stem in hessian for additional protection when unloading maintaining the lifting weight on the root hooks.

Dormant tree sizes of 18-20cmg - 25-30cmg:
These can be lifted and unloaded using a 3 tonne sling in combination with a chain and ratchet. Even when the tree is dormant it is recommended to wrap the stem in hessian for additional protection when unloading.

All Planting
All trees are to be planted in the first available planting season after construction as root balled stock unless otherwise specified and agreed with the client. All tree pits are to be excavated 24 hours prior to delivery to reduce the time the rootball is out of the ground. All tree pits are to be excavated under favourable weather conditions to avoid deterioration of the soil structure and glazing. All excavations are to be carried out using a trenched bucket ensuring tree pit walls are not glazed, the walls of the tree pit can also be loosened with hand held tools.</