

detailed soft landscape - hilton cross north

ZLA_1036-L-200-D Plant Schedule

Trees (Advanced Stock)					
Species Name	Height	Girth	Specification	No. Plants	
Pyrus calleryana 'Chanticleer'	min. 450cm	16-18cm	Advanced Nursery Stock, Clear Stem min. 200, 4x RB	1	

Trees (Standards)					
Species Name	Height	Girth	Specification	No. Plants	
Acer campestre 'Lienco'	400-450cm	14-16cm	Extra Heavy Standard, Clear Stem 175-200, 5 brks, 3x RB	14	

Trees (Feathered)					
Species Name	Height	Girth	Specification	No. Plants	
Acer campestre (Feather)	175-200cm	10-12cm	Feather, 5 brks, 2x RB	3	
Alnus glutinosa (Feather)	175-200cm	10-12cm	Feather, 5 brks, 2x RB	1	
Betula pendula (Feather)	200-250cm	10-12cm	Feather, 5 brks, 2x RB	6	
Betula pubescens (Feather)	200-250cm	10-12cm	Feather, 5 brks, 2x RB	4	
Prunus avium (Feather)	200-250cm	10-12cm	Feather, 5 brks, 2x RB	4	
Sorbus aucuparia 'Joseph Rock'	200-250cm	10-12cm	Feather, 5 brks, 2x RB	3	
Sorbus aucuparia (Feather)	200-250cm	10-12cm	Feather, 5 brks, 2x RB	4	

Conifers					
Species Name	Height	Specification	Pot Size	Layout	No. Plants
Pinus sylvestris	250-300cm	Leaders and laterals, 4x RB	Counted	7	-
Pinus sylvestris (3L)	40-60cm	Leaders and laterals, C	3L	2m ²	188

Trees (Whip)					
Species Name	Height	Specification	Layout	No. Plants	
Acer campestre (Whip)	60-80cm	1+1 or 1/1 Whip, BR	5/m	188	
Acer campestre (Whip)	60-80cm	1+1 or 1/1 Whip, BR	2/m ²	519	
Amelanchier lamarckii (Whip)	60-80cm	1+1 or 1/1 Whip, 3 brks, BR	2/m ²	432	
Corvus avellana (Whip)	60-80cm	1+2 or 1/2 Whip, Branched, 3 brks, BR	5/m	242	
Corvus avellana (Whip)	60-80cm	1+2 or 1/2 Whip, Branched, 3 brks, BR	2/m ²	519	
Crataegus monogyna (Whip)	80-100cm	1+1 or 1/1 Whip, Branched, BR	5/m	1601	
Prunus avium (Whip)	80-100cm	1+1 or 1/1 Whip, BR	5/m	136	

Shrubs (Whip)					
Species Name	Height	Specification	Layout	No. Plants	
Cornus sanguinea (Whip)	60-80cm	1+2 or 1/2 Whip, Branched, 3 brks, BR	2/m ²	188	
Cornus stolonifera 'Flaviramea' (Whip)	60-80cm	1+2 Whip, Branched, 3 brks, BR	2/m ²	172	
Prunus spinosa (Whip)	80-100cm	1+2 or 1/2 Whip, Branched, 3 brks, BR	5/m	188	
Rosa canina	60-80cm	1+1 or 1/1 Whip, Branched, 3 brks, BR	5/m	188	
Rosa canina	60-80cm	1+1 or 1/1 Whip, Branched, 3 brks, BR	2/m ²	432	
Rosa rubrifolia	60-80cm	1+1 or 1/1 Whip, Branched, 3 brks, BR	2/m ²	432	
Sambucus nigra (Whip)	80-100cm	0/2 Whip, Branched, 3 brks, BR	2/m ²	519	
Viburnum opulus (Whip)	60-80cm	1+2 or 1/2 Whip, Branched, 3 brks, BR	2/m ²	733	

Shrubs					
Species Name	Height	Specification	Pot Size	Layout	No. Plants
Cornus alba 'Sibirica'	40-60cm	Branched, 3 brks, C	3L	3/m ²	126
Cotoneaster x watereri	40-60cm	Branched, 2 brks, C	2L	2/m ²	69
Cytisus scoparius	40-60cm	Bushy, 7 brks, C	3L	2/m ²	86
Escallonia 'Donald Radance'	30-40cm	Bushy, 4 brks, C	3L	3/m ²	15
Escallonia laevis	30-40cm	Bushy, 4 brks, C	3L	3/m ²	15
Euonymus europaeus	40-60cm	Branched, 3 brks, C	2L	2/m ²	406
Hebe 'Midsummer Beauty'	30-40cm	Bushy, 4 brks, C	3L	3/m ²	18
Hebe 'Mrs Winder'	30-40cm	Bushy, 4 brks, C	3L	3/m ²	14
Hebe pinnatifida 'Sutherlandi'	30-40cm	Bushy, 4 brks, C	3L	3/m ²	56
Hydrangea macrophylla 'Deutschland'	30-40cm	Branched, 3 brks, C	3L	3/m ²	21
Ilex aquifolium	40-60cm	Bushy, 3 brks, C	2L	5/m	136
Ilex aquifolium	40-60cm	Bushy, 3 brks, C	2L	2/m ²	217
Lavandula angustifolia 'Hidcote'	30-40cm	Bushy, 3 brks, C	3L	3/m ²	14
Olearia x macrodonta 'Major'	30-40cm	Bushy, 3 brks, C	3L	3/m ²	18
Prunus laurocerasus 'Otto Luyken'	30-40cm	Branched, 3 brks, C	3L	4/m	47
Pyracantha coccinea 'Red Cushion'	30-40cm	Branched, 3 brks, C	3L	3/m ²	40
Spiraea japonica 'Anthony Waterer'	30-40cm	Bushy, 5 brks, C	3L	3/m ²	43
Spiraea japonica 'Fire Light'	30-40cm	Bushy, 3 brks, C	3L	3/m ²	14

DRAWING NOTES

GENERAL NOTES:

- The contractor is to liaise with the main contractor to establish the position of as-built services and manhole covers prior to cultivation and excavation of planted areas and tree pits.
- If there is any conflict in the information indicated on the contract drawings, the contractor must seek clarification from all the design consultants involved.
- All trees, planting and grass areas will be subject to a 12-month Maintenance and 5 year Defects Liability Period.

SETTING OUT NOTES:

- All tree, amenity and structure shrub planting is to be pegged/set out for approval by the Landscape Architect prior to planting.
- Tree planting in relation to manhole covers and statutory runs is to be co-ordinated with the main contractor and in accordance with statutory guidelines, for approval by the landscape architect.
- Planting adjacent to road kerbs and path edges along roads is to be set back 300mm from the back of kerb to allow room for plants to establish and reduce trampling, but unplanted area to be mulched.
- Contact Engineers to determine specification and depth required of Root Barrier, if required before planting any trees on site.
- Planting adjacent to existing vegetation to be retained to be carefully integrated with existing planting, and cultivations evenly graded into existing levels.
- Trees are to be set out to ensure a minimum of 1.5m exists between tree stations and drains/main lines, in accordance with BS5837. Otherwise, approved root barriers should be employed.

DENSITY NOTES:

- Amenity planting to be carried out at approximately 3no. plants per m², unless otherwise stated in the plant schedule.
- Native planting Mixes B and C to be carried out at approximately 2no. plants per m², unless otherwise stated in the plant schedule.
- Native planting to be randomly planted in groups of 8-15 no. plants of a single species and any evergreen species are to be distributed evenly throughout the planted area. Pinus sylvestris 3L to be planted no nearer than 4m to the edge of the planting area nearest the building - i.e. outside of the proposed SW and attenuation cells.
- Native hedge planting Mix A to be at 5no. plants per linear metre, double staggered, unless otherwise stated in the plant schedule.

TREE AND SHRUB NOTES:

- All planting to be planted in accordance with BS 8545
- Cutwilt and weed kill all areas to be planted/seeded as per Soft Landscape Specification.
- Ameliorate soil prior to planting. Water retaining polymer to be in planting pit only.
- All trees, Mixes A, B and C plants to be staked and protected with spiral guards/shelters.
- Tree planting in soft areas to be in topsoiled tree pits as per depths noted below.
- All planting to be bark mulched to a depth of 50mm with Melcourt's 'Ornamental Spruce'.

TOPSOIL NOTES:

- All areas to be landscaped are to be free from contaminated ground.
- All areas to be planted are to be topsoiled to a depth of 400mm.
- All areas to be seeded are to be subsoiled to a depth of 50mm.
- Ensure adequate growing medium exists to provide sustained healthy plant growth beyond the Defects Liability Period.

TREE PIT NOTES:

- All trees are to be planted in tree pits and topsoiled to the following dimensions:
 - Advanced stock trees - 1200mm x 1200mm x 900mm deep
 - Extra Heavy Standard trees - 1200mm x 1200mm x 900mm deep
 - Feathered trees - 900mm x 900mm x 450mm deep
- Excavated material: Separate topsoil and subsoil material and stockpile for backfilling.
- Pit bottoms: Excavate with slightly raised centre. Break up base to a depth of 100 mm.
- Treatment: Soil ameliorant worked into pit bottoms.
- Pit sides: Scarify.
- Retain topsoil for re-use where specified.
- In sloping ground, maintain horizontal bases and vertical sides with no less than minimum depth throughout.
- Backfill with clean topsoil either salvaged or imported to BS2882: 2007.
- Soil/compost % - 80:20 on medium soils; 50:50 on sandy soils; 70:30 on clay soils; Water storing polymer may not be necessary on naturally damp soils; i.e. heavy clays.
- Fertiliser (gms)/Water storing polymer (gms) per tree pit as follows:
 - Advanced stock trees 300gms/1000gms
 - Extra Heavy Standard trees 200gms/500gms
 - Feathered trees 100gms/150gms

TREE STAKES:

- Stakes: Stakes to be pressure impregnated softwood (not with creosote or tar), round or half round as specified, straight, peeled, free from projections and large or end knots, pointed at one end.
- Preservative treatment: Not required.
- Size: minimum length and thickness as shown below:
 - Advanced stock & EHS trees - 125mm min dia, 2m total length, 600mm above ground; 2no. stakes, 1no. cross bar and 1 tree tie
 - Feathered trees - 50mm min dia, 1.6m total length, 600mm above ground; 1no. stake and 1 tree tie.

EXISTING GRASS AREAS:

- Disturbed grass areas are to be cultivated to a fine tilth and seeded.
- Undisturbed grass areas are to be scarified and over-seeded where necessary.

WILDFLOWER NOTES:

- All wildflower areas to be seeded with Emorsgate seed mix EM7 - meadow mixture for sandy soils. To be sown as per manufacturers recommendations. Web: www.wildseed.co.uk

STRIP OF EXISTING TOPSOIL:

- The site topsoil which is to be retained for later use shall be stripped and stockpiled.
- The following method shall be used:
 - During suitable dry weather conditions, the existing vegetation shall be treated with herbicide as directed.
 - Site to be cleared of foreign materials.
 - During suitable dry weather conditions, topsoil to be stripped down to its full natural depth, taking care to avoid contamination with subsoil or other foreign materials.
 - Excavated topsoil unsuitable to be reused as topsoil shall be stored separately and used as subsoil.

TOPSOIL STORAGE:

- Topsoil which has been stripped and stored before use in the works shall not have been stacked in heaps higher than 1.5m for more than four weeks.
- Stored topsoil shall not have become waterlogged, compacted or destructured.

IMPORTED TOPSOIL FOR ALL SOFT LANDSCAPE FINISHES:

- Provide topsoil to BS3882: 2007 as necessary to make up any deficiency of topsoil existing on site and to complete the work.

SAMPLE LOAD OF IMPORTED TOPSOIL:

- Deliver to site a sample load of not less than 5m³.
- Give notice to all CA to inspect before making further deliveries to site.
- Retain sample for comparison with subsequent loads.

DEFICIENT TOPSOIL:

- Any topsoil offered which is deficient in nutrient levels as required by BS3882:1994 but which otherwise conforms to the specification, may be acceptable providing suitable adjustments are made with the addition of organic and inorganic fertilisers to the satisfaction of the CA and entirely at the landscape contractor's expense.

CONTAMINATION:

- Do not use topsoil contaminated with subsoil, rubbish or other materials that are corrosive, explosive or flammable: hazardous to human or animal life; detrimental to healthy plant growth.
 - In areas to receive topsoil, do not use subsoil contaminated with the above materials.
 - Give notice to CA if any evidence or symptoms of soil contamination are discovered on the site or in topsoil to be imported.
- HANDLING TOPSOIL:
- Give notices of evidence of aggressive weeds and obtain instructions before moving topsoil.
 - Select and use plant to minimise disturbance, trafficking and compaction.
 - Do not mix topsoil with subsoil, stone, hardcore, rubbish or material from demolition work; other grades of topsoil.
 - Keep handling to a minimum and use topsoil immediately after stripping.
 - Handle topsoil in the driest conditions possible and do not handle during or after heavy rainfall or when it is wetter than the plastic limit.

SPREADING TOPSOIL:

- Remove temporary roads/surfacing before spreading topsoil.
- Spread in layers of 150mm depth (max.) and gently firm each layer before spreading the next.

Mix A1
46 No Acer campestre (Whip)
46 No Corvus avellana (Whip)
46 No Crataegus monogyna (Whip)
46 No Ilex aquifolium (Whip)
46 No Prunus spinosa (Whip)
46 No Rosa canina

Mix A2
48 No Acer campestre (Whip)
48 No Corvus avellana (Whip)
48 No Crataegus monogyna (Whip)
48 No Ilex aquifolium (Whip)
48 No Prunus spinosa (Whip)
48 No Rosa canina

Mix A3
48 No Acer campestre (Whip)
48 No Corvus avellana (Whip)
48 No Crataegus monogyna (Whip)
48 No Ilex aquifolium (Whip)
48 No Prunus spinosa (Whip)
48 No Rosa canina

Mix A4
88 No Acer campestre (Whip)
142 No Corvus avellana (Whip)
142 No Crataegus monogyna (Whip)
142 No Ilex aquifolium (Whip)
142 No Prunus spinosa (Whip)
88 No Rosa canina

Mix B1
152 No Acer campestre (Whip)
152 No Amelanchier lamarckii (Whip)
152 No Cornus sanguinea (Whip)
152 No Euonymus europaeus (Whip)
152 No Ilex aquifolium (Whip)
152 No Pinus sylvestris (3L)
152 No Viburnum opulus (Whip)

Mix B2
346 No Acer campestre (Whip)
346 No Amelanchier lamarckii (Whip)
346 No Cornus sanguinea (Whip)
346 No Euonymus europaeus (Whip)
346 No Ilex aquifolium (Whip)
346 No Pinus sylvestris (3L)
346 No Viburnum opulus (Whip)

Mix B3
21 No Acer campestre (Whip)
21 No Amelanchier lamarckii (Whip)
21 No Cornus sanguinea (Whip)
21 No Euonymus europaeus (Whip)
21 No Ilex aquifolium (Whip)
21 No Pinus sylvestris (3L)
21 No Viburnum opulus (Whip)

Mix C1
32 No Cornus sanguinea (Whip)
32 No Cornus stolonifera 'Flaviramea' (Whip)
32 No Cotoneaster x watereri (Whip)
32 No Euonymus europaeus (Whip)
32 No Ilex aquifolium (Whip)
32 No Viburnum opulus (Whip)

Mix C2
140 No Cornus sanguinea (Whip)
140 No Cornus stolonifera 'Flaviramea' (Whip)
140 No Cotoneaster x watereri (Whip)
140 No Euonymus europaeus (Whip)
140 No Ilex aquifolium (Whip)
140 No Viburnum opulus (Whip)



BARBERRY

zla 1036
Hilton Cross
Wolverhampton

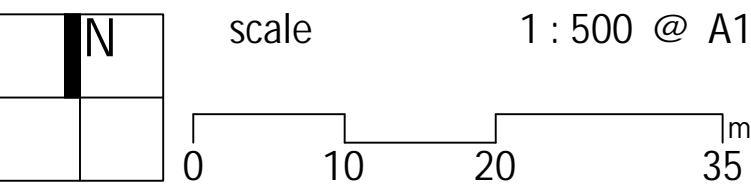
L-200
Detailed Soft Landscape
Hilton Cross North

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rev D

A updated to suit 19-7785-SK0004-P5 12/11/20
CDP Drainage Strategy
B ecological notes added 13/11/20
C updated to suit AJA 3588-052-A 25/11/20
D updated to suit AJA 3588-053-E 02/02/21



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