

NORTH

do not scale the drawing

KEY

- 9 AMENITY GRASS
- SHRUB PLANTING
- WOODLAND PLANTING
- Native Thorn HEDGEROW
- PROPOSED TREES (Deciduous . In paving / parking areas)
- PROPOSED TREES (Deciduous . In planting areas)
- PROPOSED TREES (Evergreen . In planting areas)
- H1: Concrete textured flag 600x600, Finish, 'Natural' tone 60mm thick - Slab Paving
- H2: Concrete textured flag 400x400, Finish, 'Natural' tone 60mm thick - Slab Paving
- H3: Pedestrian Bitmac
- H4: Vehicular Bitmac
- 1.8m Close Boarded Fence

A16

A151 HOLBEACH ROAD

Approximate position of 3 access points to be maintained / provided to existing properties and lane shown in dashed line A, B & C. Precise location to be surveyed.

1.8m Close boarded fence to eastern boundary

Woodland boundary edge

| PLANT TYPE                                                                                                                                         | GIRTH (cm)                   | HEIGHT (m)                  | ROOT CONDITION (Rootballed) | Quantity |
|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------------------------|-----------------------------|----------|
| <strong>TREE SPECIES</strong>                                                                                                                      |                              |                             |                             |          |
| <strong>Advanced Nursery Stock</strong>                                                                                                            |                              |                             |                             |          |
| Ag - Alnus glutinosa                                                                                                                               | 18-20                        | 4.5                         | RB                          | 20       |
| Bp - Betula pendula                                                                                                                                | 18-20                        | 4.5                         | RB                          | 11       |
| Sa - Sorbus aria 'Majestica'                                                                                                                       | 18-20                        | 4.5                         | RB                          | 13       |
| <strong>Semi-Mature</strong>                                                                                                                       |                              |                             |                             |          |
| Ag - Alnus glutinosa                                                                                                                               | 20-25                        | 5                           | RB                          | 3        |
| Ph - Pinus Nigra                                                                                                                                   | 20-25                        | 2 - 2.5                     | RB                          | 10       |
| <strong>HEDGEROW</strong>                                                                                                                          |                              |                             |                             |          |
| The following species to be planted in double staggered rows. @ 5 plants per sq. m. Species are to be alternatively mixed in the given quantities. |                              |                             |                             |          |
| Height / Size / Condition                                                                                                                          |                              |                             | Quantity (%)                |          |
| (cm)                                                                                                                                               | (m)                          | (Bare Root)                 |                             |          |
| Crataegus monogyna                                                                                                                                 | 60-80                        | 5 plants per sq. m          | BR                          | 50       |
| Prunus spinosa                                                                                                                                     | 60-80                        | 5 plants per sq. m          | BR                          | 50       |
| <strong>AMENITY GRASS MIX</strong>                                                                                                                 |                              |                             |                             |          |
| <strong>SWARD MIX</strong>                                                                                                                         |                              |                             |                             |          |
| A22                                                                                                                                                | SUPPLIER British Seed Houses | SEEDING RATE (sq m) 35 g/m2 |                             |          |

ISSUED FOR

PLANNING PURPOSES

| SHRUB SPECIES                       | HEIGHT (cm) | CONTAINER (Ltr) | ROOT CONDITION (Container Grown) | DENSITY (m2) |
|-------------------------------------|-------------|-----------------|----------------------------------|--------------|
| Cornus alba 'Sibirica'              | 60-80       | 3               | C                                | 4 / m2       |
| Cornus stolonifera 'Flaviramea'     | 60-80       | 3               | C                                | 4 / m2       |
| Cotoneaster dammeri                 | 30-40       | 3               | C                                | 4 / m2       |
| Cotoneaster microphyllus            | 30-40       | 4               | C                                | 4 / m2       |
| Cotinus coggygria                   | 30-40       | 4               | C                                | 4 / m2       |
| Elaeagnus x ebbingei                | 40-60       | 3               | C                                | 4 / m2       |
| Hebe albicans 'Red Edge'            | 30-40       | 3               | C                                | 4 / m2       |
| Hebe rakaiensis                     | 30-40       | 3               | C                                | 4 / m2       |
| Hedera hibernica                    | 60-80       | 2               | C                                | 3 / m2       |
| Lonicera nitida 'Maygreen'          | 30-40       | 3               | C                                | 4 / m2       |
| Mahonia japonica                    | 30-40       | 4               | C                                | 4 / m2       |
| Photinia x fraseri 'Red Robin'      | 30-40       | 3               | C                                | 4 / m2       |
| Prunus laurocerasus 'Otto Luyken'   | 30-40       | 3               | C                                | 4 / m2       |
| Rubus 'Betty Ashburner'             | 30-40       | 3               | C                                | 3 / m2       |
| Skimmia x confusa 'Kew Green'       | 30-40       | 4               | C                                | 4 / m2       |
| Spiraea 'Firelight'                 | 30-40       | 3               | C                                | 4 / m2       |
| Spiraea nipponica 'Snowmound'       | 40-60       | 3               | C                                | 4 / m2       |
| Symphoricarpos chenaultii 'Hancock' | 30-40       | 3               | C                                | 4 / m2       |
| Viburnum x davidii                  | 30-40       | 3               | C                                | 4 / m2       |

WOODLAND BOUNDARY EDGE PLANTING MIX

The following species are to be planted on a grid at 1500mm ctrs. Species are to be randomly mixed at the given densities.

| Whips & Transplants |                    |                            |              |
|---------------------|--------------------|----------------------------|--------------|
| Species             | Size : Height (cm) | Root Condition (Bare Root) | Quantity (%) |
| Corilyus avellana   | 1+1 / 60-80        | BR                         | 20           |
| Cornus sanguinea    | 0+1 / 60-80        | BR                         | 15           |
| Crataegus oxycantha | 1+1 / 60-80        | BR                         | 15           |
| Fraxinus excelsior  | 1+1 / 60-80        | BR                         | 5            |
| Ligustrum vulgare   | 1+1 / 60-80        | BR                         | 10           |
| Prunus spinosa      | 1+1 / 60-80        | BR                         | 10           |
| Quercus robur       | 1+1 / 60-80        | BR                         | 5            |
| Rosa canina         | 1+1 / 60-80        | BR                         | 10           |
| Viburnum opulus     | 1+1 / 60-80        | BR                         | 10           |

SOFTWARES . Specification Notes

For all hard landscape works, drainage, signage and boundary treatments including slopes, walls, fencing refer to Architect's or Engineer's drawings. For existing levels refer to site survey and for proposed levels refer to engineers drawings.

GENERAL Workmanship

All landscape soft works are to be carried out in accordance with BS 4428: 1989 'Code of practice for general landscape preparations (excluding hard surfaces)' and BS 3936: 1992 'Recommendations for cultivations and planting in the Advanced Nursery Stock category'. Works should be carried out at the appropriate season and only in appropriate weather conditions

Services and Setting Out

Prior to starting works, verify locations of all services and obtain instruction if required. Set out planting areas as shown and obtain approval before planting.

Soil

Prior to any other landscape works including topsoil spread, ensure adequate drainage by ripping / sub-soiling as required. In all areas where shrub and tree planting is specified, supply and spread a minimum depth of 450mm of clean topsoil.

Topsoil and subsoil are to be imported and handled in reasonably dry conditions to avoid unnecessary compaction and damage to soil structure. Topsoil and subsoil should be stacked separately and strict precautions to be taken to prevent mixing. Contractors attention is drawn to BS 3882 and BS 4428 (1989) Section 4 to Section 8.

PLANTING ADVANCE NURSERY STOCK

Tree Pits:

Excavate tree pits to accommodate entire root mass. Fork sides and base thoroughly to achieve drainage and remove clay patches. Mix backfill topsoil with minimum of 10kg spent mushroom and 10% sand by volume. Firm in layers and water to field capacity. Rootball to be planted slightly above ground level, mounded to prevent ponding and settlement. Secure with spacer and buckle adjustment at 600mm above ground level.

Mulch:

Supply and spread depth of 75mm bark mulch to tree pits and shrub beds. Tree pits in heavy ground require land drainage pipes to be connected into surface water drainage system. Under conditions of heavy rain, ponding on soil may occur and may require alleviation by land drainage. Obtain advice in each case from the engineer prior to topsoil spread.

PLANTING Nursery Stock (Shrubs, Whips and Transplants)

Preparation

Prior to planting cultivate soil to 300mm. Leave surface regular and even and remove all debris and stone over 50mm diameter. Carry out weed control as necessary.

Planting (General)

Plant each plant upright, carefully replacing backfill and heel well in. Add min 2kg compost (Well rotted horse manure) to the backfill material for each shrub/tree during planting and mix well. Weed control is to be carried out by periodic herbicide spraying at intervals to be agreed with the main contractor. Water to field capacity. Supply and spread 75mm deep bark mulch to all planted areas to suppress weed growth.

AFTERCARE: General

The softworks contract shall include a 12 month maintenance period following practical completion. During this period the softworks contractor is responsible for all aspects of softworks aftercare. Allow for regular inspection visits, maintenance and routine site inspection as specified BS 4428. In addition, allow for routine litter clearance, from all planting areas.

The softworks contractor is to supply to the client a programme of maintenance and report maintenance visits and actions undertaken in an agreed form.

AFTERCARE: Trees

Allow maintenance works, to include firming of tree stakes and replacement or adjustment of tree ties, weed and pest control, protection from animals, formative pruning to achieve desired form, watering and replacement failures.

AFTERCARE: Nursery Stock Planting

Allow for maintenance works, to include weed control, attention to protection from animals, formative pruning to achieve desired form, watering and replacement or failures. Take special care to control weeds within shrub shelters.

Notes:

- Based on Architects LE 1, Drawing no. J70-01, Date: June 2010
- Initial Issue. 30JUNE10 . For Information Purposes
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environmental

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project

A16/A151 INTERSECTION SPALDING

drawing title

Landscape Proposals

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