



### INDIVIDUAL TREE PLANTING

**BOULEVARD TREES**

| Name                      | Form                 | Girth   | Height    | Root Condition |
|---------------------------|----------------------|---------|-----------|----------------|
| Tilia cordata - Lime Tree | Extra Heavy Standard | 18-20cm | 450-500cm | RB             |

**AVENUE TREES**

|   |                |         |           |    |
|---|----------------|---------|-----------|----|
| Quercus robur - Oak                     | Heavy Standard | 16-18cm | 400-450cm | RB |
| Aesculus hippocastanum - Horse Chestnut | Heavy Standard | 16-18cm | 400-450cm | RB |
| Acer pseudoplatanus - Sycamore          | Heavy Standard | 16-18cm | 400-450cm | RB |

**SECONDARY AVENUE TREES**

|   |          |         |           |    |
|---|----------|---------|-----------|----|
| Quercus robur - Oak                     | Standard | 14-16cm | 350-450cm | RB |
| Aesculus hippocastanum - Horse Chestnut | Standard | 14-16cm | 350-450cm | RB |
| Acer pseudoplatanus - Sycamore          | Standard | 14-16cm | 350-450cm | RB |
| Tilia cordata - Lime Tree               | Standard | 14-16cm | 350-450cm | RB |

**PARKLAND TREE GROUPS** - to be located in single species groups

|                                 |                |         |           |    |
|---------------------------------|----------------|---------|-----------|----|
| Sorbus aucuparia - Mountain Ash | Standard       | 14-16cm | 350-450cm | RB |
| Prunus avium - Wild Cherry Tree | Heavy Standard | 16-18cm | 400-450cm | RB |
| Betula pendula - Silver Birch   | Heavy Standard | 16-18cm | 400-450cm | RB |

### HEDGEROW

Planted at 0.5m Centres

| Mix % | Name                            | Height  | Root Condition |
|-------|---------------------------------|---------|----------------|
| 30    | Crataegus monogyna - Hawthorn   | 60-80cm | B              |
| 25    | Prunus spinosa - Blackthorn     | 60-80cm | B              |
| 10    | Corylus avellana - Hazel        | 40-60cm | B              |
| 10    | Salix caprea - Goat Willow      | 40-60cm | B              |
| 25    | Ilex aquifolium - English Holly | 60-80cm | 3L             |

### WOODLAND BELT - to be formed of 75% whips and feathers and 25% standards and heavy standards. See mix for details on centres

75% of woodland belt to be formed of whips and feathered specimens of the following species - to be planted at 1.5m centres.

| Mix % | Name                            | Form    | Girth | Height    | Root Condition |
|-------|---------------------------------|---------|-------|-----------|----------------|
| 12    | Ilex aquifolium - Holly         | Whip    | -     | 60-80cm   | C              |
| 3     | Ilex aquifolium - Holly         | Feather | -     | 175-200cm | C              |
| 12    | Prunus spinosa - Blackthorn     | Whip    | -     | 60-80cm   | B              |
| 3     | Prunus spinosa - Blackthorn     | Feather | -     | 175-200cm | B              |
| 12    | Crataegus monogyna - Hawthorn   | Whip    | -     | 60-80cm   | B              |
| 3     | Crataegus monogyna - Hawthorn   | Feather | -     | 175-200cm | B              |
| 11    | Salix fragilis - Crack Willow   | Whip    | -     | 60-80cm   | B              |
| 3     | Salix fragilis - Crack Willow   | Feather | -     | 175-200cm | B              |
| 11    | Quercus robur - Oak             | Whip    | -     | 60-80cm   | B              |
| 3     | Quercus robur - Oak             | Feather | -     | 175-200cm | B              |
| 11    | Acer campestre - Field Maple    | Whip    | -     | 60-80cm   | B              |
| 3     | Acer campestre - Field Maple    | Feather | -     | 175-200cm | B              |
| 11    | Acer platanoides - Norway Maple | Whip    | -     | 60-80cm   | B              |
| 2     | Acer platanoides - Norway Maple | Feather | -     | 175-200cm | B              |

25% of woodland belt to be formed of heavy standards and standard specimens of the following species, with 50/50% mix of sizes, planted at 3m centres amongst block planting.

|    |   |                |         |           |    |
|----|---|----------------|---------|-----------|----|
| 10 | Quercus robur - Oak                     | Heavy Standard | 16-18cm | 400-450cm | RB |
| 25 | Quercus robur - Oak                     | Standard       | 14-16cm | 350-450cm | RB |
| 10 | Aesculus hippocastanum - Horse Chestnut | Heavy Standard | 16-18cm | 400-450cm | RB |
| 25 | Aesculus hippocastanum - Horse Chestnut | Standard       | 14-16cm | 350-450cm | RB |
| 10 | Acer pseudoplatanus - Sycamore          | Heavy Standard | 16-18cm | 400-450cm | RB |
| 20 | Acer pseudoplatanus - Sycamore          | Standard       | 14-16cm | 350-450cm | RB |

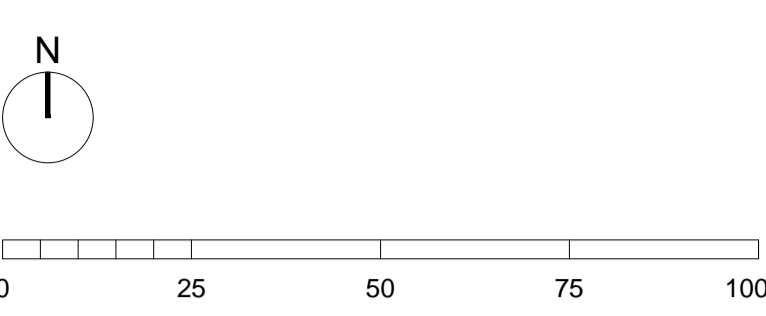
### GRASS SEED MIXES

| British Seed Houses Mix A4 (Low Maintenance / Conservation Areas) Amenity Grassland  | British Seed Houses Mix WF20 Species Rich Grassland   | British Seed Houses Mix WF09 Wetland and Pond Areas   |
|--|---|---|
| <p>CORAL Slowing Creeping Red Fescue 40%</p> <p>CHAMA Creeping Fescue 30%</p> <p>MELTROT Hard Fescue 25%</p> <p>HIGHLAND Bent Grass 5%</p> | <p>Festuca rubra ssp. Strigosa Creeping Red Fescue 15%</p> <p>Festuca rubra ssp. Strigosa Creeping Red Fescue 12.5%</p> <p>Festuca longifolia Hard Fescue 10%</p> <p>Festuca ovina ssp. ovina Creeping Red Fescue 10%</p> <p>Agrostis capillaris Stumpy Bent 5%</p> <p>Poa annua ssp. annua Stumpy Bent 5%</p> <p>Poa trivialis Rough Stalked Meadow Grass 5%</p> <p>Agrostis alabastrea Creeping Bent 2.5%</p> <p>Lolium perenne ssp. perenne Perennial Ryegrass 2.5%</p> <p>Lolium perenne ssp. perenne Perennial Ryegrass 2.5%</p> <p>Centaurea nigra Common Knapweed 2%</p> <p>Ranunculus acris Meadow Buttercup 2%</p> <p>Tribulus terrestris Red Clover 2%</p> <p>Tribulus terrestris Red Clover 2%</p> <p>Galium verum Lady's Bedstraw 1%</p> <p>Lolium aridum ssp. aridum 1%</p> <p>Medicago lupulina Black Medick 1%</p> <p>Plantago lanceolata Broad Plantain 1%</p> <p>Plantago lanceolata Broad Plantain 1%</p> <p>Plantago lanceolata Broad Plantain 1%</p> <p>Plantago lanceolata Broad Plantain 1%</p> <p>Plantago lanceolata Broad Plantain 1%</p> <p>Plantago lanceolata Broad Plantain 1%</p> <p>Plantago lanceolata Broad Plantain 1%</p> <p>Plantago lanceolata Broad Plantain 1%</p> <p>Plantago lanceolata Broad Plantain 1%</p> <p>Plantago lanceolata Broad Plantain 1%</p> | <p>Festuca rubra ssp. Strigosa Creeping Red Fescue 15%</p> <p>Festuca rubra ssp. Strigosa Creeping Red Fescue 12.5%</p> <p>Festuca longifolia Hard Fescue 10%</p> <p>Festuca ovina ssp. ovina Creeping Red Fescue 10%</p> <p>Agrostis capillaris Stumpy Bent 5%</p> <p>Poa annua ssp. annua Stumpy Bent 5%</p> <p>Poa trivialis Rough Stalked Meadow Grass 5%</p> <p>Agrostis alabastrea Creeping Bent 2.5%</p> <p>Lolium perenne ssp. perenne Perennial Ryegrass 2.5%</p> <p>Lolium perenne ssp. perenne Perennial Ryegrass 2.5%</p> <p>Centaurea nigra Common Knapweed 2%</p> <p>Ranunculus acris Meadow Buttercup 2%</p> <p>Tribulus terrestris Red Clover 2%</p> <p>Tribulus terrestris Red Clover 2%</p> <p>Galium verum Lady's Bedstraw 1%</p> <p>Lolium aridum ssp. aridum 1%</p> <p>Medicago lupulina Black Medick 1%</p> <p>Plantago lanceolata Broad Plantain 1%</p> <p>Plantago lanceolata Broad Plantain 1%</p> <p>Plantago lanceolata Broad Plantain 1%</p> <p>Plantago lanceolata Broad Plantain 1%</p> <p>Plantago lanceolata Broad Plantain 1%</p> <p>Plantago lanceolata Broad Plantain 1%</p> <p>Plantago lanceolata Broad Plantain 1%</p> <p>Plantago lanceolata Broad Plantain 1%</p> <p>Plantago lanceolata Broad Plantain 1%</p> <p>Plantago lanceolata Broad Plantain 1%</p> |

### LANDSCAPE WORKS

- Materials and workmanship shall generally be in accordance with the following documents. BS3936 Nursery Stock and BS4428 Recommendations for General Landscape Operations. Plant material to be the sizes and dimensions as stated in the schedule and shall be healthy with good fibrous root systems. All of the plants to be of local provenance.
- Setting out planted areas to be approved by on site Contract Administrator.
- Planting mixes to be in a single species group of 5-10 No. Densities as stated.
- Hedgerow mix to be planted in double staggered rows in single species groups of 5-10 No. plants.
- Standard tree planting requires rabbit protection  
 PRODUCT - Sentree 2 Treeguard Mesh  
 HEIGHT - 600mm  
 MESH APERTURE - 13mm x 13mm  
 COLOUR - Black  
 FIXING - Stake ties in accordance with manufacturer recommendation  
 SUPPLIER - Tubex
- Standard tree pits:  
 • Standard trees to be planted in tree pits @ minimum 800mm x 800mm x 650mm or suitable size to accommodate the root ball.  
 • All trees to be backfilled with top soil and suitable organic material (to be specified)  
 • All trees should be staked or double staked using pointed softwood / peeled chestnut / larch or oak stakes, free from projections and large or edge knots and tied above ground. Minimum 4.5cm dia stakes. Tree ties rainbow plastic buckle type or similar approved.
- Planting areas are to be maintained for a minimum of 5 years post practical completion. During this period any trees, shrubs or other plants that die, fail to show leaf or are below specification for any other reason shall be replaced. All replacement stock shall comply with the original specification and be obtained from a reputable supplier.
- Maintenance shall include weeding, control of insects, fungus and other diseases by means of spraying using an approved pesticide or fungicide, pruning, adjustment and repair of tree stakes, ties and fencing, straightening of spiral guards and other horticultural operations necessary for the proper growth of the plants and to keep the area neat in appearance which includes the removal of litter. Amenity areas are to be frequently mown.

**NOTES**  
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**KEY**

- Application Site Boundary 15.20ha
- Proposed Boulevard Trees (18-20cm)
- Proposed Avenue Trees (16-18cm)
- Proposed Secondary Avenue Trees (14-16cm)
- Proposed Parkland Tree Groups
- Proposed Woodland Buffer
- Proposed Hedgerow
- Proposed Amenity Grassland
- Proposed Wetland Wild Flower Planting
- Proposed Species Rich Lawn
- Existing Trees
- Existing Hedgerows
- Existing Water Main and Easement
- Existing Gas Main and Easement
- Above Ground Services - to be relocated
- Development Framework

| rev | date     | description                  | dm  | chkd |
|-----|----------|------------------------------|-----|------|
| C   | 19.11.15 | Updated open space           | KAD | KMN  |
| B   | 13.11.15 | Updated underground services | JPF | KMN  |
| A   | 29.10.15 | Planning Issue               | JPF | KMN  |
| -   | 23.10.15 | First Issue                  | JPF | KMN  |

**fpcr**

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client  
**Gladman Developments Ltd**

project  
**Haygate Road Wellington**

drawing title  
**Green Infrastructure Plan**

scale  
 1:1250 @ A1

drawn / checked  
 JPF / KMN

revision date  
 19th November 2015

drawing number  
**5644-L-11**

rev  
**C**

CAD file: J:\600\5644\LANDS\Plans\5644-L-11 GREEN INFRASTRUCTURE PLAN REV C.dwg