

**LEGEND**

- Existing Vegetation
- Proposed Trees
- Proposed Specimens
- Native Hedgerow
- Hedging
- Shrub/herbaceous planting
- Bulbous planting
- Grass: Wildflower
- Grass: Mown

**GENERAL NOTES**

This drawing is to be used for planting information only, and is subject to alteration through changes to the site layout or until approved by the area designer.

Any species substitution by the contractor must be verified with the Landscape Architect through the Job Architect.

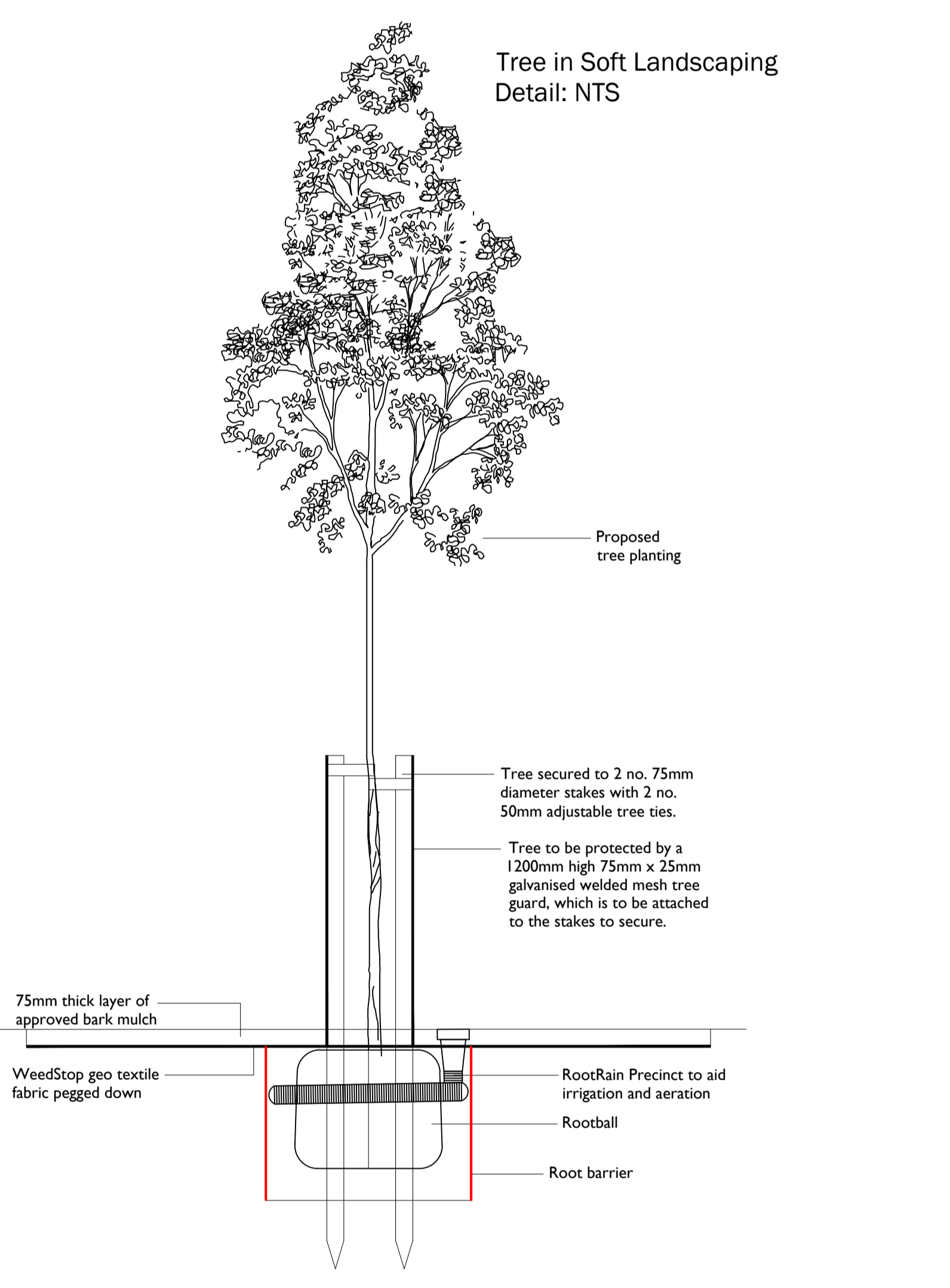
This layout must be checked in accordance with HBC Standards 2013 (Chapter 4.2 - Building Near Trees & Chapter 9.2 - Drives, Paths and Landscaping) by the Regional Engineer prior to implementation.

Excavations: Contractors must ensure that they have full information relating to service and drainage positions before undertaking any excavations.

Root barriers to be used in association with tree planting adjacent to kerbs / services / footpaths etc. (Greenleaf ReRoot products or similar application, in accordance with manufacturers instructions).

**NOTES:**

Please note all planting mixes should be planted as follows: Shrubs/Grasses to be planted in groups of 3-5 with herbaceous to be planted randomly throughout mix area.



**PLANTING SCHEDULE**

**TREES**

Number	Plant Name	Height	Girth	Specification
8 No.	Amelanchier x grandiflora 'Robin Hill'	450-625cm	16-18cm	Extra Heavy Standard: 3x RB: Clear Stem min. 200cm
2 No.	Tilia cordata 'Greenspire'	400-450cm	16-18cm	Extra Heavy Standard: 3x RB: Clear Stem min. 200cm
2 No.	Acer campestre 'Streetwise'	400-450cm	16-18cm	Extra Heavy Standard: 3x RB: Clear Stem min. 200cm
6 No.	Pyrus calleryana 'Chanticleer'	500-550cm	20-25cm	Semi-Mature: 3x RB: Clear Stem min. 200cm
2 No.	Quercus robur	500-550cm	20-25cm	Semi-Mature: 3x RB: Clear Stem min. 200cm

Total: 20 No.

**HEDGING**

Number	Plant Name	Height	Diameter	Container	Specification	Density
338 No.	Buxus sempervirens	30-40cm	5L	Bushy: 8 brks: C	3/m	
280 No.	Escallonia 'Donard Seeding'	40-60cm	5L	Bushy: 5 brks: C	3/m	
277 No.	Photinia x fraseri 'Red Robin'	40-60cm	5-7.5L	Branched: 6 brks: C	3/m	
341 No.	Viburnum tinus 'Eve Price'	30-40cm	5L	Bushy: 5 brks: C	3/m	

Total: 1236 No.

**SHRUBS**

Number	Plant Name	Height	Diameter	Container	Specification	Density
29 No.	Aucuba japonica 'Crotonifolia'	40-60cm	5L	Bushy: 3 brks: C	2/m <sup>2</sup>	
10 No.	Buxus sempervirens	30-40cm	5L	Bushy: 8 brks: C	3/m	
70 No.	Choisya 'Aztec Pearl'	30-40cm	5L	Bushy: 6 brks: C	2/m <sup>2</sup>	
51 No.	Cornus alba 'Spaethii'	60-80cm	5L	Branched: 4 brks: C	3/m <sup>2</sup>	
29 No.	Euonymus fortunei 'Emerald Gaiety'	25-30cm	30-40cm	5-7.5L	Bushy: 9 brks: C	2/m <sup>2</sup>
49 No.	Euonymus fortunei 'Silver Queen'	20-30cm	30-40cm	5L	Bushy: 7 brks: C	2/m <sup>2</sup>
10 No.	Hebe 'Autumn Glory'	30-40cm	5L	Bushy: 7 brks: C	2/m <sup>2</sup>	
12 No.	Hebe 'Red Edge'	30-40cm	5-7.5L	Bushy: 7 brks: C	3/m <sup>2</sup>	
61 No.	Hebe rakaiensis	20-30cm	5-7.5L	Bushy: 7 brks: C	2/m <sup>2</sup>	
52 No.	Lavandula angustifolia 'Hidcote'	20-30cm	5L	Bushy: 7 brks: C	2/m <sup>2</sup>	
7 No.	Lonicera pileata	30-40cm	5L	Bushy: 8 brks: C	2/m <sup>2</sup>	
15 No.	Magnolia stellata	150-175cm	45L	Branched: 5 brks: C	Counted	
25 No.	Philomelia fruticosa	30-40cm	5-7.5L	Branched: 5 brks: C	2/m <sup>2</sup>	
12 No.	Photinia x fraseri 'Red Robin'	40-60cm	5-7.5L	Branched: 6 brks: C	2/m <sup>2</sup>	
17 No.	Rosmarinus officinalis 'Severn Sea'	40-60cm	5L	Bushy: 5 brks: C	2/m <sup>2</sup>	
58 No.	Ruscus aculeatus	30-40cm	3L	Several Shoots: 3 brks: C	4/m <sup>2</sup>	
19 No.	Santolina chamaecyparissus	30-40cm	5L	Bushy: 9 brks: C	2/m <sup>2</sup>	
32 No.	Skimmia japonica 'Kew White'	30-40cm	5L	Bushy: 4 brks: C	3/m <sup>2</sup>	
19 No.	Spiraea japonica 'Goldflame'	30-40cm	5-7.5L	Bushy: 7 brks: C	2/m <sup>2</sup>	
62 No.	Viburnum davidii	30-40cm	5L	Bushy: 5 brks: C	2/m <sup>2</sup>	
36 No.	Viburnum tinus 'Eve Price'	30-40cm	5L	Bushy: 5 brks: C	3/m	
160 No.	Vinca minor	30-40cm	5-7.5L	Several Shoots: 5 brks: C	2/m <sup>2</sup>	

Total: 835 No.

**CLIMBERS**

Number	Plant Name	Height	Container	Specification	Density
30 No.	Clematis armandii	100-150cm	10L	Caned: Several Shoots: 3 brks: C	1/m <sup>2</sup>

Total: 30 No.

**NOTE:** Climbers to be planted with adequate support.

**BULBS**

Number	Plant Name	Specification	Density
52 No.	Allium 'Purple Sensation'	Full Pot: C	3/m <sup>2</sup>
501 No.	Galanthus nivalis	Grade 5/6	20/m <sup>2</sup>
591 No.	Narcissus pseudonarcissus	Grade 5/6	10/m <sup>2</sup>

Total: 1144 No.

**FERNS**

Number	Plant Name	Container	Specification	Density
29 No.	Dryopteris affinis 'Cristata Angustata'	3L	Full Pot: C	2/m <sup>2</sup>
19 No.	Dryopteris filix-mas	3L	Full Pot: C	2/m <sup>2</sup>

Total: 48 No.

**SHRUBS**

Number	Plant Name	Height	Diameter	Container	Specification	Density
29 No.	Aucuba japonica 'Crotonifolia'	40-60cm	5L	Bushy: 3 brks: C	2/m <sup>2</sup>	
10 No.	Buxus sempervirens	30-40cm	5L	Bushy: 8 brks: C	3/m	
70 No.	Choisya 'Aztec Pearl'	30-40cm	5L	Bushy: 6 brks: C	2/m <sup>2</sup>	
51 No.	Cornus alba 'Spaethii'	60-80cm	5L	Branched: 4 brks: C	3/m <sup>2</sup>	
29 No.	Euonymus fortunei 'Emerald Gaiety'	25-30cm	30-40cm	5-7.5L	Bushy: 9 brks: C	2/m <sup>2</sup>
49 No.	Euonymus fortunei 'Silver Queen'	20-30cm	30-40cm	5L	Bushy: 7 brks: C	3/m <sup>2</sup>
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7 No.	Lonicera pileata	30-40cm	5L	Bushy: 8 brks: C	2/m <sup>2</sup>	
15 No.	Magnolia stellata	150-175cm	45L	Branched: 5 brks: C	Counted	
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160 No.	Vinca minor	30-40cm	5-7.5L	Several Shoots: 5 brks: C	2/m <sup>2</sup>	

Total: 835 No.

**HERBACEOUS**

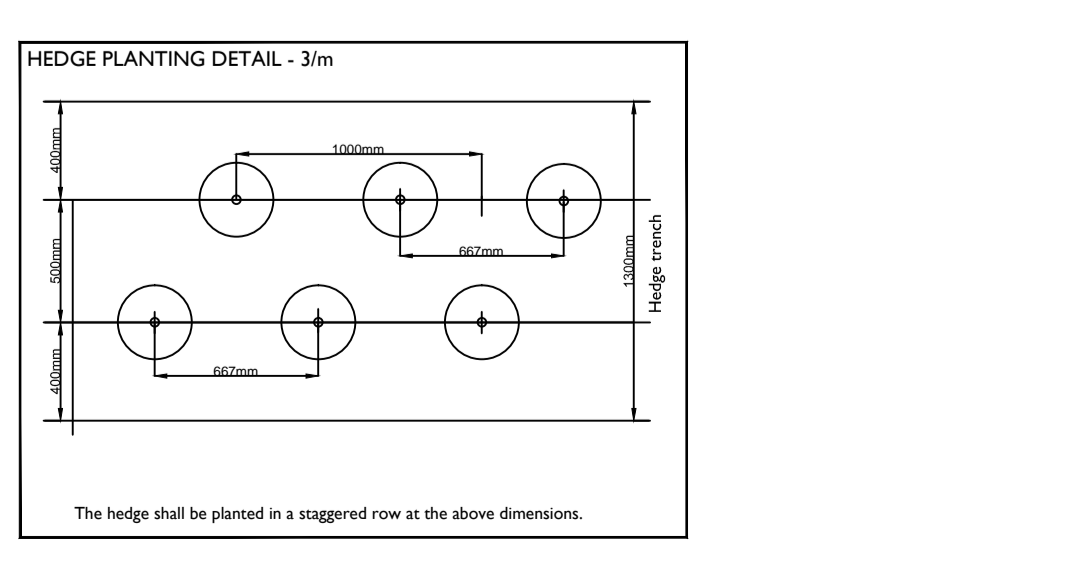
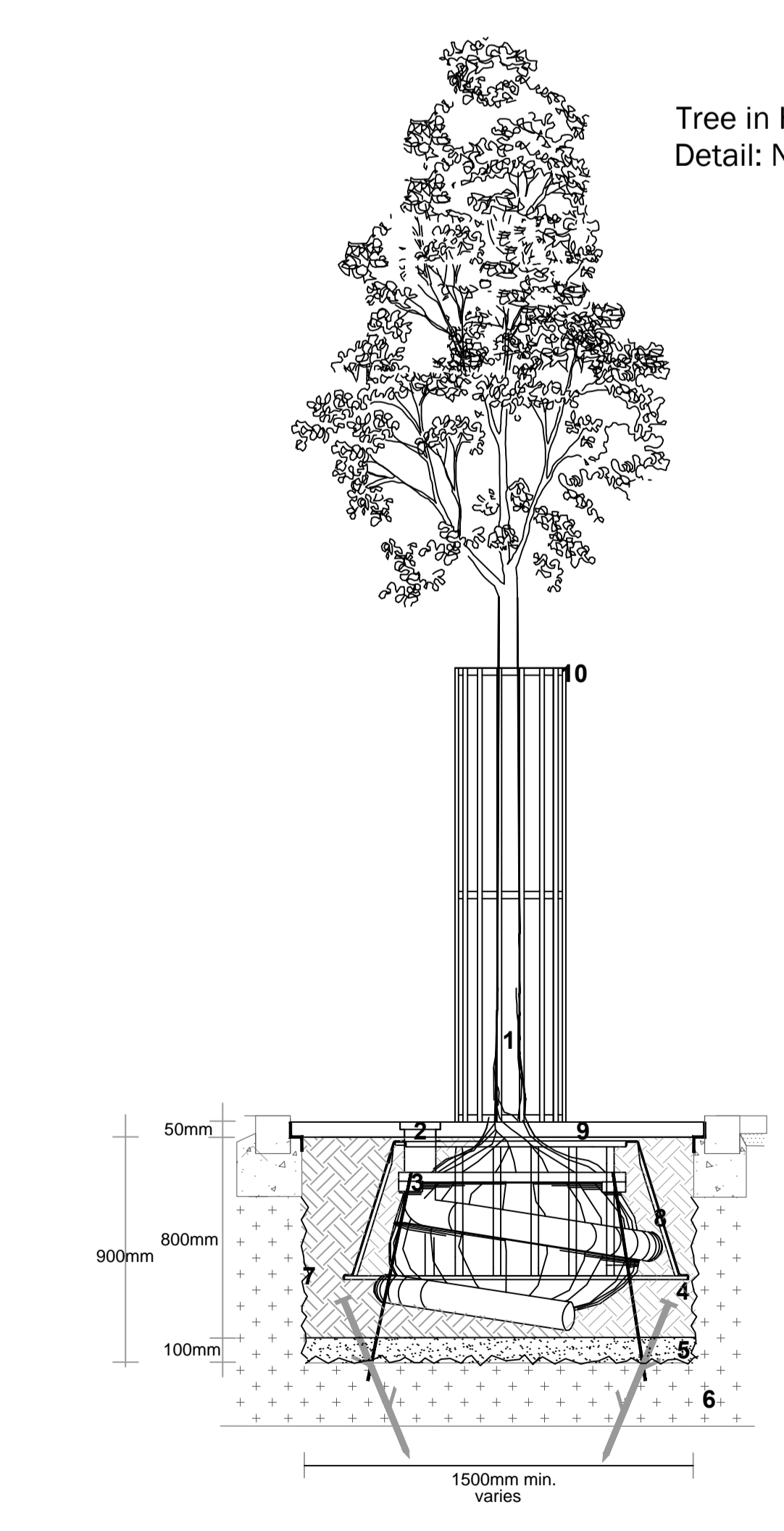
Number	Plant Name	Container	Specification	Density
40 No.	Ajuga reptans 'Atropurpurea'	3L	Full Pot: C	6/m <sup>2</sup>
33 No.	Bergenia 'Bressingham Ruby'	3L	Full Pot: C	5/m <sup>2</sup>
14 No.	Bergenia 'Silberlicht'	3L	Full Pot: C	5/m <sup>2</sup>
17 No.	Echinops ritro	3L	Full Pot: C	3/m <sup>2</sup>
23 No.	Geranium 'Johnson's Blue'	3L	Full Pot: C	4/m <sup>2</sup>
59 No.	Helenium 'Moerheim Beauty'	3L	Full Pot: C	3/m <sup>2</sup>
73 No.	Helenium hoopesii	3L	Full Pot: C	3/m <sup>2</sup>
57 No.	Helenium hoopesii 'The Bishop'	3L	Full Pot: C	4/m <sup>2</sup>
40 No.	Helianthus niger	3L	Full Pot: C	4/m <sup>2</sup>
28 No.	Helianthus x hybridus	3L	Full Pot: C	4/m <sup>2</sup>
12 No.	Hemerocallis 'Crimson Pirate'	5-7.5L	Full Pot: C	2/m <sup>2</sup>
46 No.	Hemerocallis 'Stafford'	3L	Full Pot: C	3/m <sup>2</sup>
52 No.	Heuchera 'Chocolate Ruffles'	3L	Full Pot: C	4/m <sup>2</sup>
18 No.	Heuchera 'Key Lime Pie'	3L	Full Pot: C	4/m <sup>2</sup>
10 No.	Heuchera micrantha 'Palace Purple'	3L	Full Pot: C	4/m <sup>2</sup>
47 No.	Hosta 'Halcyon'	3L	Full Pot: 2 Buds: C	4/m <sup>2</sup>
163 No.	Iris 'Black Swan'	3L	Full Pot: C	3/m <sup>2</sup>
102 No.	Rudbeckia fulgida sullivanii 'Goldsturm'	3L	Full Pot: C	3/m <sup>2</sup>
57 No.	Salvia officinalis 'Tricolor'	3L	Full Pot: C	4/m <sup>2</sup>

Total: 891 No.

**NATIVE HEDGEROW MIX**

Number	Species	Specification	Density	Mix Species Contribution
762 No.	Crataegus monogyna	1+1: Transplant - seed raised: Branched: 4 brks: C	3/m <sup>2</sup>	35%
436 No.	Acer campestre	1+1: Transplant - seed raised: C	3/m <sup>2</sup>	20%
327 No.	Cornus alba	Branched: 3 brks: C	3/m <sup>2</sup>	15%
436 No.	Ligustrum vulgare	Branched: 4 brks: C	3/m <sup>2</sup>	20%
218 No.	Ilex aquifolium	Leader with Laterals: C	3/m <sup>2</sup>	10%

Total: 2179 No. Total: 100%



**Tree in Hard Landscaping Detail: NTS**

**Key**

- Bark mulch layer (50mm)
- Certified quality topsoil layer (80mm)
- Drainage Layer: 20/40mm clean gravel (100mm)
- Existing subsoil, broken up at base of pit

- Semi Mause tree (23-30cm girth, 5.5 - 6.0m high)
- Root Rain Meter by Greenleaf Irrigation system or equal
- Staked underground anchoring system by Platypus Anchors Ltd or equal.
- Certified quality topsoil backfill. This is to be compacted in layers not exceeding 150mm. An 'elephant's foot' whacker should be used to achieve compaction of 1.5:1.0 mega pascals - this should be checked on site with a penetrometer. Individual trees to be planted in a 1.5m x 1.5m pit.
- Drainage layer: 100mm depth x 20/40mm O clean gravel
- Existing subsoil loosened at base of pit
- Scarf edges of pit prior to backfilling
- Root-barrier system such as Greenleaf Root Director RD1050 installed as per manufacturer's instructions
- 1.2m x 1.2m galvanneal medium duty frame, containing a 75mm thick Arborex surface layer, finishing flush with the top of the frame. (Medium duty 4-pipe frame, set on wet-pour concrete with anti-rattle bolts).
- CIS Street Furniture type 111 O tree guard 1800mm high secured to tree grille with supplied fittings. Finish to match grille. All metal work to match site wide RAL colour.

\*Additional linear root barrier (Greenleaf ReRoot 600) to be used where services fall within 2 metres of tree root spread area.

**Rev** **Date** **Description**


**Title:** Detailed Planting Proposals  
**Project:** Inverclyde Park, Boness  
**Client:** Inverclyde Living  
**Date:** August 14  
**Scale:** 1:5000 A3  
**Drawing No:** 1619 02

**LIZ LAKE ASSOCIATES**