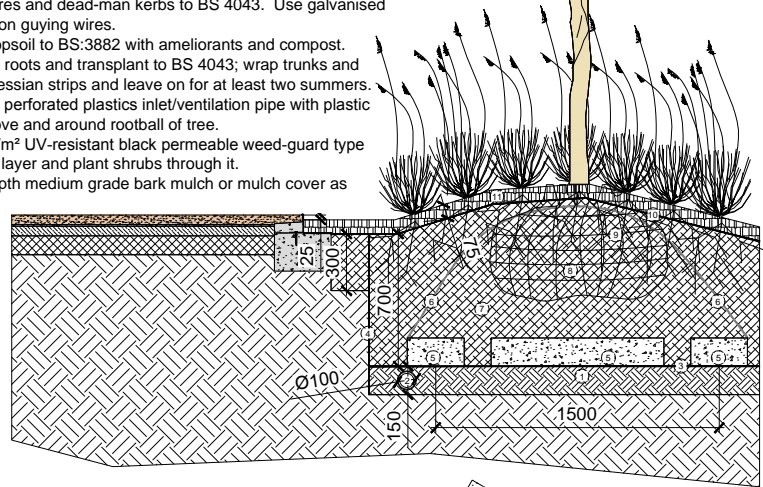
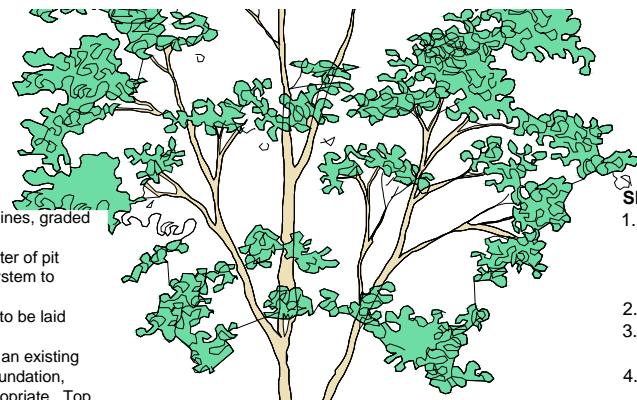


PLANTING SCHEDULE & SOFT LANDSCAPE MAINTENANCE

UNDER-GROUND GUYED TREE DETAIL A

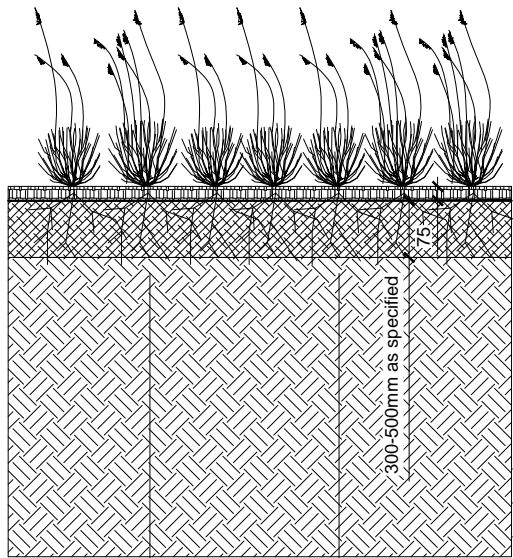
- Q31/515 150mm depth clean gravel or broken stone, with no fines, graded 40 to 20 mm
- 100mmØ perforated plastics drainage pipe laid around perimeter of pit within aggregate layer, connected to soakaway or drainage system to engineer's design detail & specification
- Q31/515 Non-woven UV stable polypropylene fibre geotextile to be laid over aggregate before installing tree or backfill.
- Q31/510 wherever the installed rootball will be within 3.0 m of an existing underground service route and 2.0m of a building or paving foundation, install a tree pit root barrier, geotextile or cylinder type as appropriate. Top of root barrier to finish 75mm below finished soil level, installation with sides vertical.
- 3 no. pre-cast concrete 'dead-man' type kerbstones in base of planting pit to secure guying wires to.
- Underground guying with min. 3 no. mat straps, 6mmØ galvanised multi-strand guying wires and dead-man kerbs to BS 4043. Use galvanised ratchet winder to tension guying wires.
- Multi-purpose grade topsoil to BS:3882 with ameliorants and compost.
- Tree planting: prepare roots and transplant to BS 4043; wrap trunks and lower branches with hessian strips and leave on for at least two summers.
- Q31/512 Min. 50mmØ perforated plastics inlet/ventilation pipe with plastic cover cap in circle above and around rootball of tree.
- Q31/385 Lay 90gs/m<sup>2</sup> UV-resistant black permeable weed-guard type geotextile over topsoil layer and plant shrubs through it.
- Q31/385 75mm depth medium grade bark mulch or mulch cover as specified



UNDER-GROUND GUYED TREE DETAIL - PLAN

SHRUB/TRANSPLANT PLANTING DETAIL

- All shrub/transplant planting beds to Q31/315 300/450mm depth of quality approved multi-purpose grade topsoil to BS: 3882 or as otherwise specified.
- Break up the soil in the base of each pit.
- Mix the dug soil with a slow release fertiliser and a specified soil ameliorant.
- Spread 90gs/m<sup>2</sup> black porous non-woven geotextile landscape fabric over the back-filled topsoil and secure with pins.
- Planting is to be carried out to the densities specified, through cuts in landscape fabric. Provide one single cut 300mm per length per plant. All 300mm cuts to follow in one direction along length of landscape fabric (cross-cutting not accepted).
- Once planted, back-fill with the remaining soil and firm as before.
- Top-dress the planting area with a Q37/430 75mm depth of medium-grade bark mulch, and maintain it until the spring following the first growing season. Mulch to finish 25mm below adjacent surfacing.



3 plants per m<sup>2</sup> or as otherwise specified

SOFT LANDSCAPE WORKS MAINTENANCE PROGRAMME

- Bare root transplants, hedging and rootballed trees
- Containerised shrubs, perennials and grass lawns
- 12 months maintenance & defects liability period, to commence on practical completion of soft landscape works. Planted beds, trees, hedges and transplant planting 16 no. maintenance visits required per annum (April- October) carried out on a fortnightly basis and 2 additional visits over winter period. 16 no. maintenance visits required per annum.

Qty.	Species	Height (cm)	Pot Size	Density	Container-grown (cg) / Bare Root (br)	Quality Specification
<b>Trees</b>						
<b>All trees to be provided with 1.2m<sup>3</sup> multi-purpose grade topsoil to BS3882 and planted as per planting details drawings, with root restrictor membrane where appropriate to ensure adjacent paving/services are not disturbed by root growth, and provided with irrigation where appropriate.</b>						
21	<i>Betula pubescens</i> (Downy Birch)	18-20cm girth to 2 m height clear stemmed, planted to Planting Detail A				
2	<i>Amelanchier lamarckii</i> (Snowy Mespilus)	18-20cm girth to 2 m height clear stemmed, planted to Planting Detail A				
5	<i>Amalanchier lamarckii</i> (Snowy Mespilus)	2-2.5m height (Multi-stemmed) planted to Planting Detail A				
<b>28</b>	<b>Total</b>					

Shrubs & Perennials

Excavate to 400mm depth and backfill with 300mm multi-purpose grade topsoil to BS3882, and top with 90gs/m<sup>2</sup> black geotextile landscape weed-guard type fabric and 75mm depth medium grade bark .

Qty.	Species	Height (cm)	Pot Size	Density	Container-grown (cg) / Bare Root (br)	Quality Specification
<b>P1 Shade Tolerant Perennial Mix</b>						
				<b>3 plants per m<sup>2</sup></b>		
				<b>224 m<sup>2</sup></b>		
112	<i>Astilbe chinensis</i>	40-60cm	2lt		cg	
112	<i>Blechnum spicant</i>	40-60cm	2lt		cg	
112	<i>Digitalis grandiflora</i>	40-60cm	2lt		cg	
112	<i>Iris foetidissima</i>	40-60cm	2lt		cg	
112	<i>Phyllitis (Asplenium) scolopendrium</i>	40-60cm	2lt		cg	
112	<i>Polystichum aculeatum</i>	40-60cm	2lt		cg	

Single Species

196	<i>Calamagrostis × acutiflora</i> 'Karl Foerster'	40-60cm	2lt	4 per m <sup>2</sup>	cg	
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Climbers

60	<i>Lonicera japonica</i> 'Halliana'	1-1.5m	2lt	2 per lin m	cg	
50	<i>Lonicera japonica</i> 'Halliana'	40-60cm	2lt	2 per lin m	cg	
50	<i>Humulus lupulus</i> 'Aureus' (Golden hops)	40-60cm	2lt	2 per lin m	cg	
50	<i>Trachelospermum jasminoides</i> (Star jasmine)	40-60cm	2lt	2 per lin m	cg	

Green roof

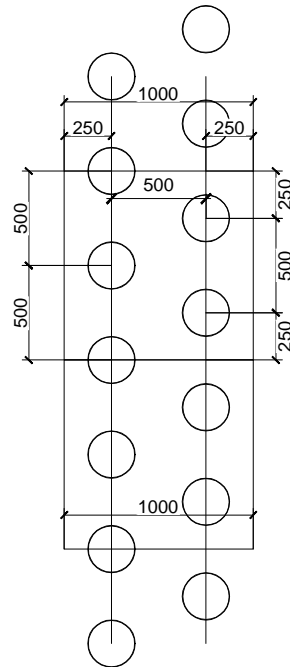
- 664 m<sup>2</sup> Extensive sedum matting on drainage board to extensive green roof as follows  
Lindum Sedum Plus Green Roof Mat (or equivalent) appropriate to 35mm substrate depth on 35mm depth approved proprietary green-roof substrate of mix non-organic mineral with a low percentage of organic matter

SOFT LANDSCAPE WORKS PROGRAMME

- Bare root transplants, hedging and rootballed trees
  - Containerised shrubs, perennials and grass lawns
  - 12 months maintenance & defects liability period, to commence on practical completion of soft landscape works. Lawn cutting: 14 cuts per growing season (April- October) carried out on a fortnightly basis and 2 additional cuts over winter period. 16 cuts in total, 16 no. maintenance visits required.
  - 12 months maintenance & defects liability period to planted beds, trees, hedges and transplant planting to be carried out at the same time as grass cutting, 16 no. maintenance visits required.
- November - March  
Before main contract practical completion

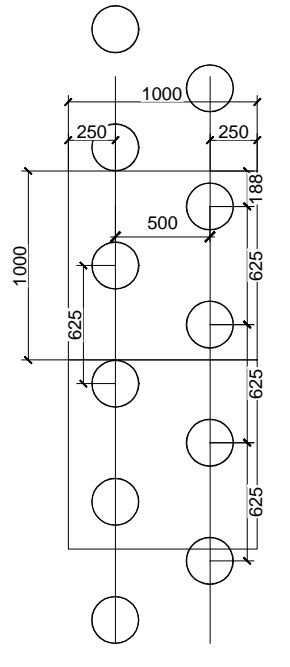
Planting Density: 4 per m<sup>2</sup>

All shrub planting to follow 1m grid in straight parallel staggered rows to specified centres as shown.



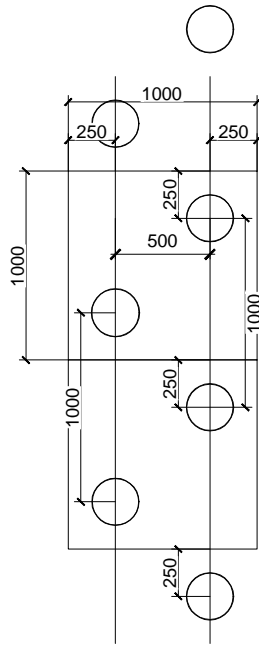
Planting Density: 3 per m<sup>2</sup>

All shrub planting to follow 1m grid in straight parallel staggered rows to specified centres as shown.



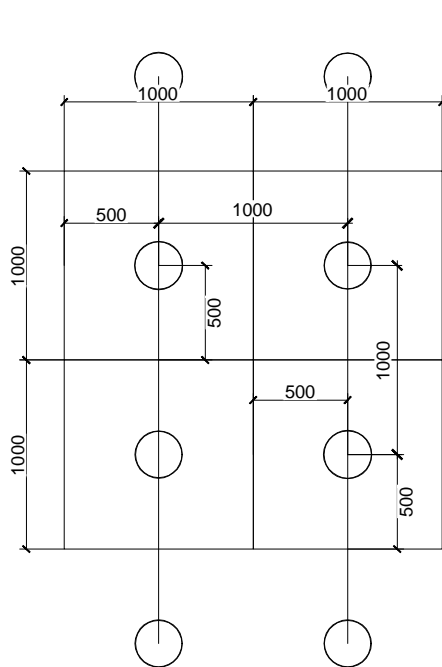
Planting Density: 2 per m<sup>2</sup>

All shrub planting to follow 1m grid in straight parallel staggered rows to specified centres as shown.



Planting Density: 1 per m<sup>2</sup>

All shrub planting to follow 1m grid in straight parallel staggered rows to specified centres as shown.



STEPHEN DIAMOND ASSOCIATES  
CHARTERED LANDSCAPE ARCHITECTS

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Client Bartra Property (Eblana) Limited  
Project Eblana Avenue  
Title Planting Details & Schedule Scale nts @ A3  
Drg No 15-497-PD-04 Date Issued 2019-04-16  
Drawn LP Purpose Planning Checked SD