

Tree Survey and Recommendations

DELEMERE GARDENS, FAIROAKS

28th October 2021

POTENTIAL TREE SIZES

1. EXISTING TREE PLAN

The plan illustrate the potential sizes that the original trees will grow to. Due to the narrow verge and the proximity to the road it is clear as the trees start to grow to there full size they will grow into the carriageway. This will clearly cause a problem and in reality the vehicles such as bin lorries, removals vans and box vans will strike the trees branches. In reality this will passively prune the branches leaving very lopsided trees which will potentially become unstable if they grow to there full potential.

The red line below illustrates where the canopies would be passively pruned to.

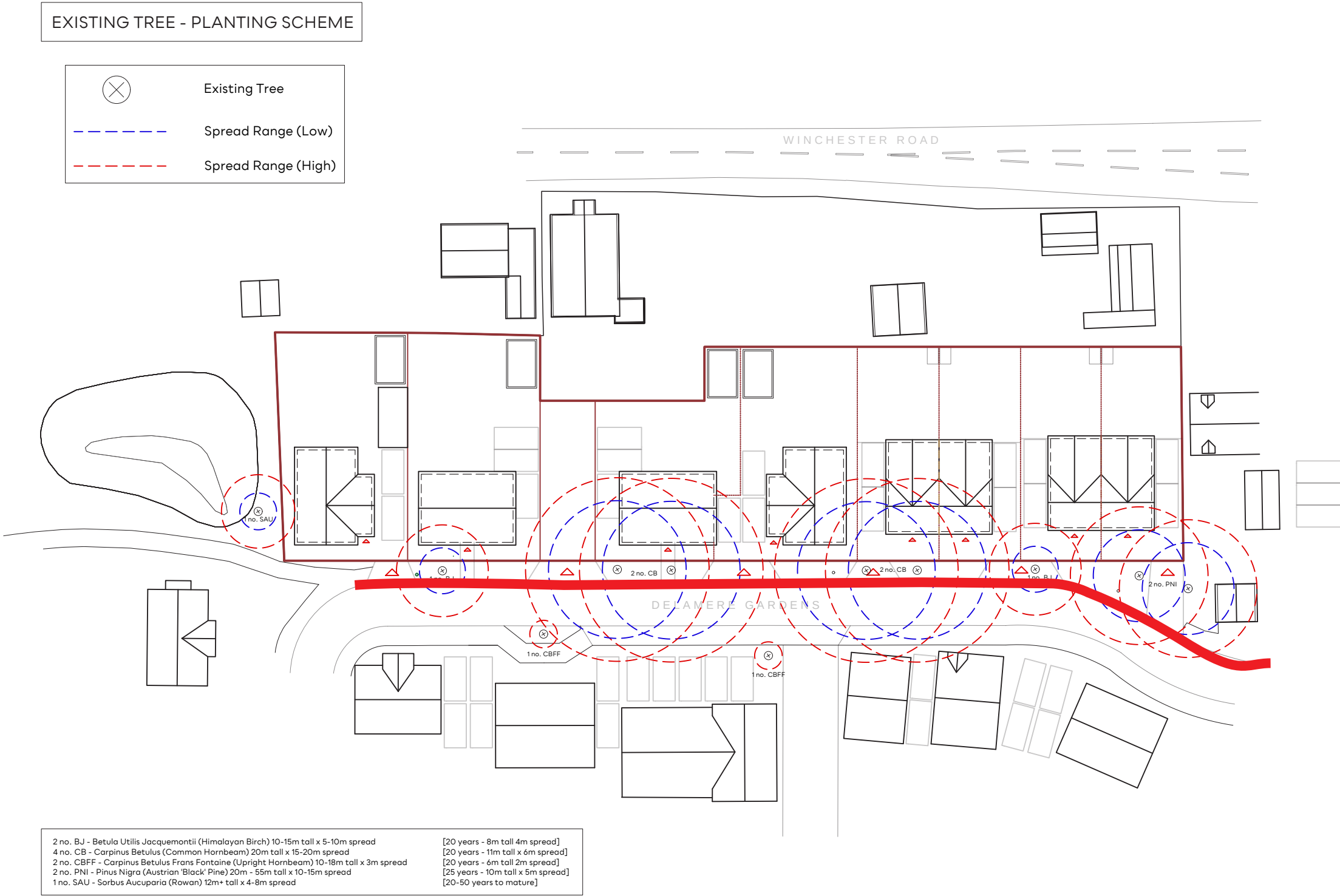
As shown on the plan a number of the trees would also potentially grow to a size that would potentially impact on the light levels of the existing properties to the Western side of Delamere Gardens.

Additionally the indicated size also demonstrates that the trees, if to reach their full potential, are too close together and would develop irregular shaped canopies.

The trees do not appear to have been planted in a tree pit.

Due to the proximity to the road, there is a high potential that the roots will damage the kerb and carriageway in future.

In conclusion the majority of the trees should be replaced with a more suitable species

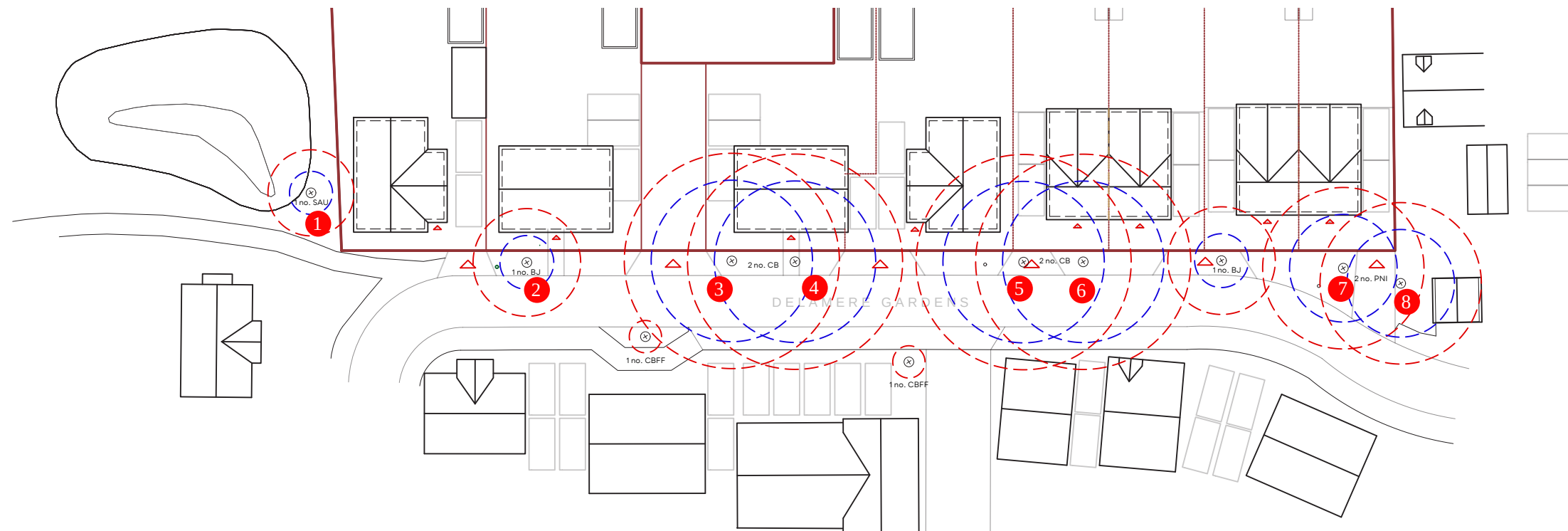


EXISTING TREE QUALITY

1. EXISTING TREE PLAN

The numbers in red relate to the following review of existing trees.

One of the *Betula utilis Jacquemontii* between 6 and 7 is no longer present on site.



EXISTING TREE QUALITY - 1

Existing Tree

Tree Number: 1

Tree Name: Sorbus aucuparia

Description: Single lateral with poor canopy growth, signs of die back in the canopy

Recommendations: Tree be removed and replaced with a better specimen of a suitable species.



EXISTING TREE QUALITY - 2

Existing Tree

Tree Number: 2

Tree Name: Betula utilis Jacquemontii

Description: Well developed tree with good form and shape. Initial signs of decay to the main trunk

Recommendations: Due to initial levels of decay to the main trunk there is potential for reduced life span. Tree be removed and replaced with a better specimen of a suitable species.



EXISTING TREE QUALITY - 3

Existing Tree

Tree Number: 3

Tree Name: Carpinus betulus

Description: Very poor growth, severe strimmer damage to the base of the trunk

Recommendations: Very unlikely to survive due to the level of strimmer damage. Tree be removed and replaced with a better specimen of a suitable species.



EXISTING TREE QUALITY - 4

Existing Tree

Tree Number: 4

Tree Name: Carpinus betulus

Description: Very poor growth, severe strimmer damage to the base of the trunk.

Recommendations: Very unlikely to survive due to the level of strimmer damage. Tree be removed and replaced with a better specimen of a suitable species.



EXISTING TREE QUALITY -5

Existing Tree

Tree Number: 5

Tree Name: Carpinus betulus

Description: Prospering more than the other hornbeams, but bark split and signs of decay within the trunk as well as signs of strimmer damage.

Recommendations: Very unlikely to survive long term due to the signs of decay. Tree be removed and replaced with a better specimen of a suitable species.



EXISTING TREE QUALITY - 6

Existing Tree

Tree Number: 6

Tree Name: Carpinus betulus

Description: Very poor growth, strimmer damage to the base of the trunk. Very poor canopy with signs of die back.

Recommendations: Very unlikely to survive due to the level of strimmer damage. Tree be removed and replaced with a better specimen of a suitable species.



EXISTING TREE QUALITY - 7

Existing Tree

Tree Number: 7

Tree Name: Pinus Nigra

Description: Evidence of strimmer damage, signs of die back. Generally good form and shape.

Recommendations: Inappropriate species for the location. Recommend relocation to the wild area to the east of the Sorbus Tree No 1



EXISTING TREE QUALITY - 8

Existing Tree

Tree Number: 8

Tree Name: Pinus Nigra

Description: Evidence of strimmer damage. Poor shape with no clear central leader

Due to the proximity to the substation and the tree will grow to a considerable size.

Recommendations: Inappropriate species for the location. Tree be removed and replaced with a better specimen of a suitable species.



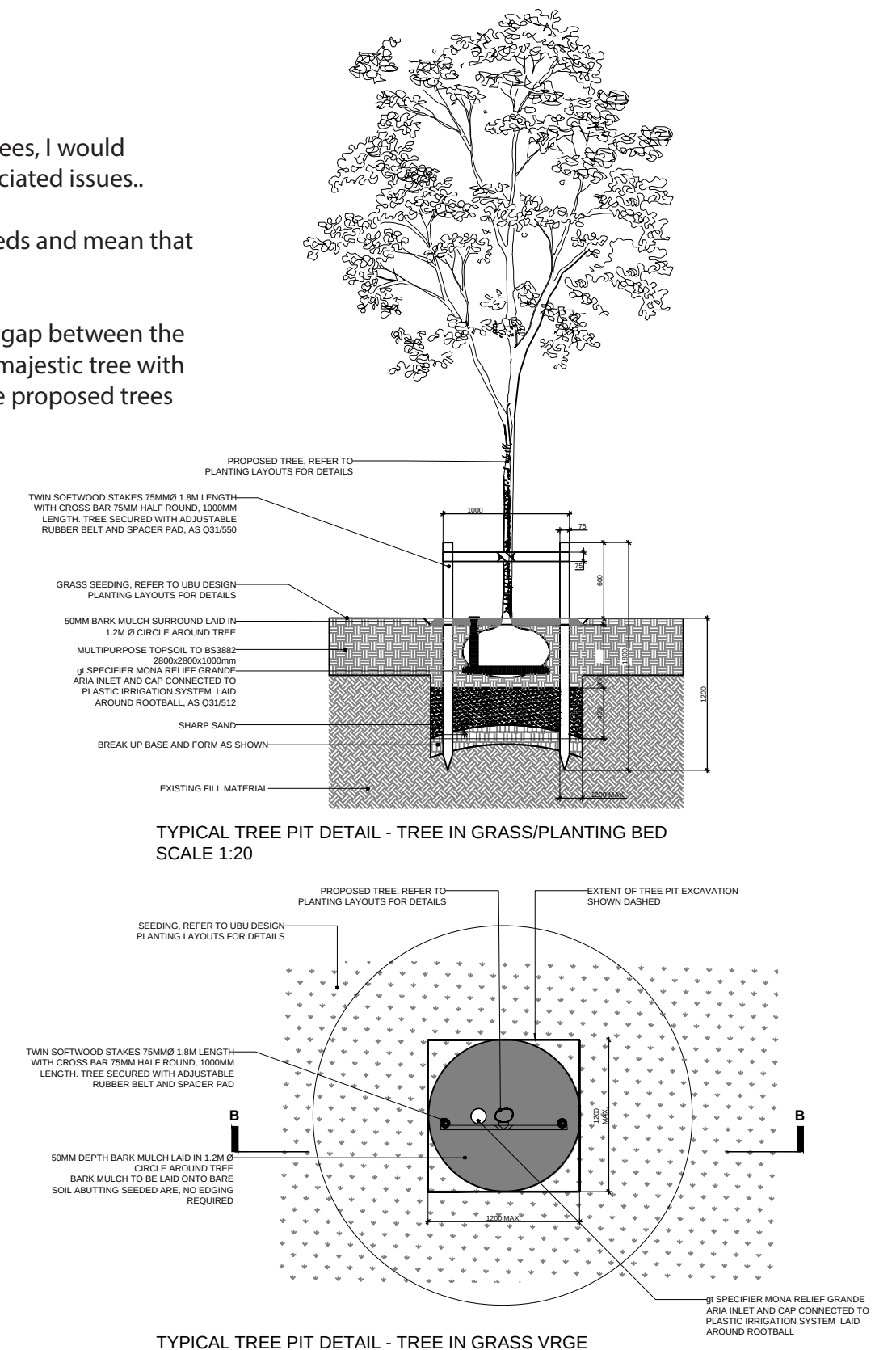
The guidance as set out in Eastleigh's Guidance 'Quality Places SPD' on street trees. Normally an expectation as set out in the guidance is 7m gap between the trunk and the building facade. The trees we are proposing are of a 'Columnar' form and hence do not have large canopies but still provide a majestic tree with presence to the street scene. Therefore they are unlikely to impact on the future occupiers amenities leading to pressure to prune. Hence the proposed trees are of a suitable form and species for the available verge space.



Carpinus betulus 'Frans Fontaine'



Quercus robur 'Fastigiata'



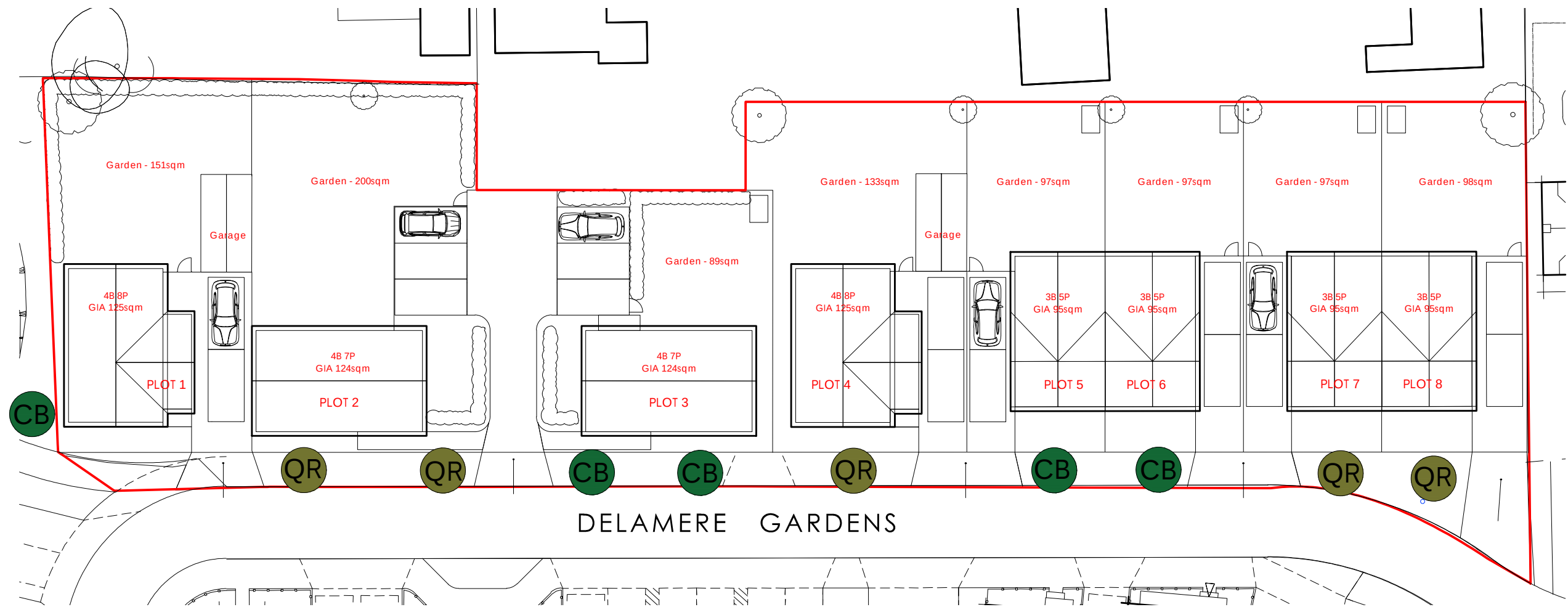
Proposed tree pit detail for planting into the verge

Proposed Tree Planting

1. Proposed Tree Planting

Proposed Planting Specification

Item	Size	Height (cm)	Notes		Densitylm 2
Carpinus betulus 'Frans Fontaine'	18-20 Girth	450+	3x standard (semi-mature) clear stem 200+	RB	5 No
Quercus robur 'Fastigiata'	18-20 Girth	450+	3x standard (semi-mature) clear stem 200+	RB	5No



Trees are illustrated at there mature diameter of 3m

- CB** Carpinus betulus 'Frans Fontain'
- QR** Quercus robur 'Fastigiata'