

**WHICH? HQ
TREE REPLACEMENT STRATEGY**

OCTOBER 2015



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1. INTRODUCTION

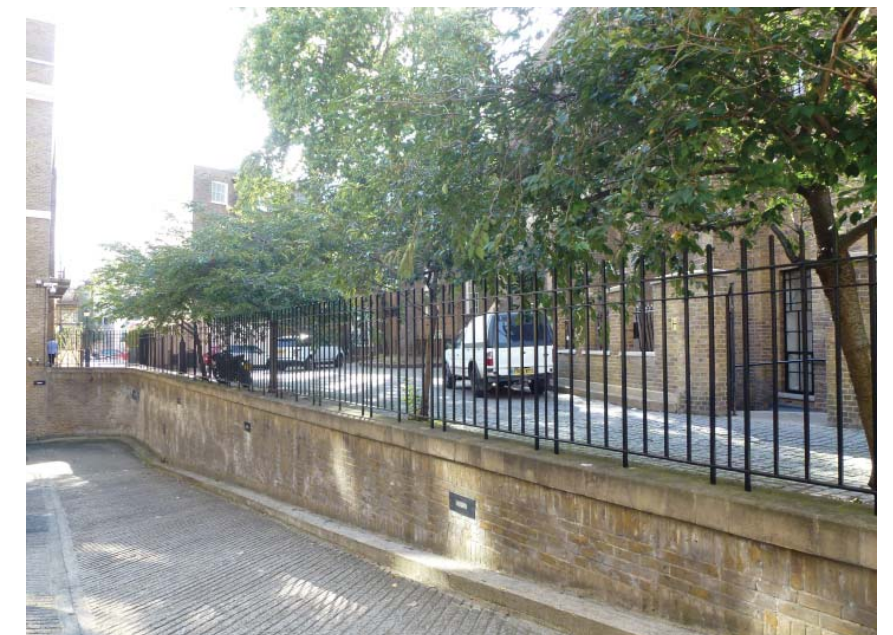
Charles Funke Associates (CFA) have been appointed by Which? to prepare a tree replacement strategy for the existing 4No. Prunus trees on site.

The existing trees were surveyed on 29th September 2015 the results of the survey can be found in CFA document 811-002 Tree Survey Report.

It is proposed that the existing trees be removed to accommodate the implementation of the refurbishment proposals and replaced with a suitable alternative specie.

The existing spreading canopies of the Prunus and the evident damaged caused to same dictate that a more appropriate specie should be considered as part of the tree replacement strategy.

The proposed specie shall take account of the narrow passage used by goods vehicles and this in turn shall dictate a more columnar form of tree.



Trees Survey on 29th September 2015

2. TREE REPLACEMENT STRATEGY

The narrow nature of the existing vehicle passage to the Which? HQ building dictates that a columnar form of tree should be considered as a replacement.

Trees with a spreading canopy such as those already existing on the site will be subject to future damage from vehicles using the narrow passage.

Contained within this report is a series of possible replacement trees which are considered suitable for the current site conditions. These examples are intended as a palette for discussion with the Local Authority. Ultimately, the final species should be agreed with and approved by the Local Authority.

The replacement trees shall utilise the current positions of the existing trees.

The current make up of the existing tree pit is unknown and as part of this strategy a proposed tree pit detail has been provided for the replacement trees.

It is proposed that the existing trees shall be removed together with all roots and existing soil. New soil shall be provided and the existing cobble surface shall be reinstated.

Please refer to CFA drawing 811_LAN_DET_001 for the proposed tree pit detail.

New trees are proposed as semi mature standards at approximately 5-6m height with a 2m clear stem and stem girth 20-25cm.

The replacement trees should ideally be planted with the November to March planting season.

Trees should be sourced from a reputable supplier and installed by a suitably qualified and competent landscape contractor with experience of planting trees within an urban context.

3. PROPOSED TREE SPECIE - OPTION 1

Ginkgo biloba

Maidenhair Tree

Height: 5.0-6.0 m

Girth: 20-25cm

Clear Stem: 2.0m

Description: Deciduous. Fastigate form with a generally narrow cone shaped canopy. Male variety to be specified.

Foliage: Unique, medium green undivided fan-shaped leaves. Leaves turn yellow in autumn.



Ginkgo biloba leaf



Ginkgo biloba autumn foliage



Ginkgo biloba autumn colour and form

4. PROPOSED TREE SPECIE - OPTION 2

Liquidambar styraciflua 'Fastigiata'

American Sweetgum

Height: 5.0-6.0 m

Girth: 20-25cm

Clear Stem: 2.0m

Description: Deciduous. Narrow upright habit with a conical crown.

Foliage: Dark green lobed leaves turning a vivid dark orange/red in autumn.



Liquidambar leaf



Liquidambar autumn foliage



Liquidambar form

5. PROPOSED TREE SPECIE - OPTION 3

Carpinus betulus 'Frans Fontaine'

Hornbeam

Height: 5.0-6.0 m

Girth: 20-25cm

Clear Stem: 2.0m

Description: Deciduous. A tidy and columnar form of the native Carpinus Betulus.

Foliage: Light green serrated leaves turning golden yellow in autumn.



Carpinus leaf



Carpinus autumn foliage



Carpinus form

6. MAINTENANCE

It is advised that the landscape contractor installing the works should be responsible for maintenance of the trees up to Practical Completion and 24 months thereafter.

A trickle irrigation system has not been incorporated within the scheme. The trees shall therefore be irrigated by means of hand watering.

The Landscape Contractor shall allow for watering all planting on a regular weekly basis, sufficient for the healthy establishment of the plant material.

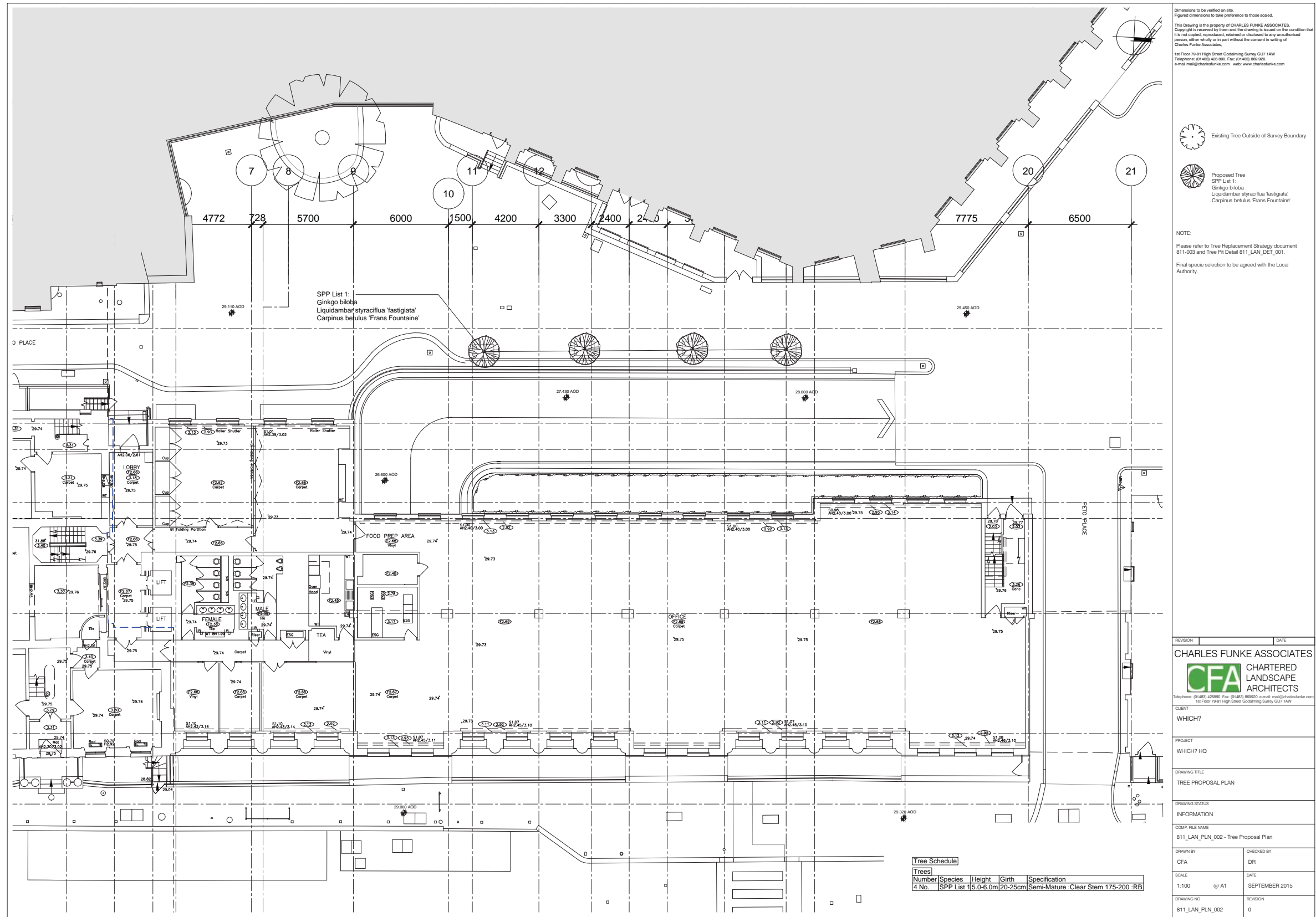
As part of diligent checks undertaken by the Landscape Contractor, the installed vertical inspection pipe is to be inspected on a regular basis and pumped out as required when waterlogging is evident.

This inspection pipe is the means by which the Landscape Contractor can view the below ground drainage condition as part of his maintenance.

The landscape contractor should allow for annual pruning of the trees to ensure the canopies are maintained to the desired form.

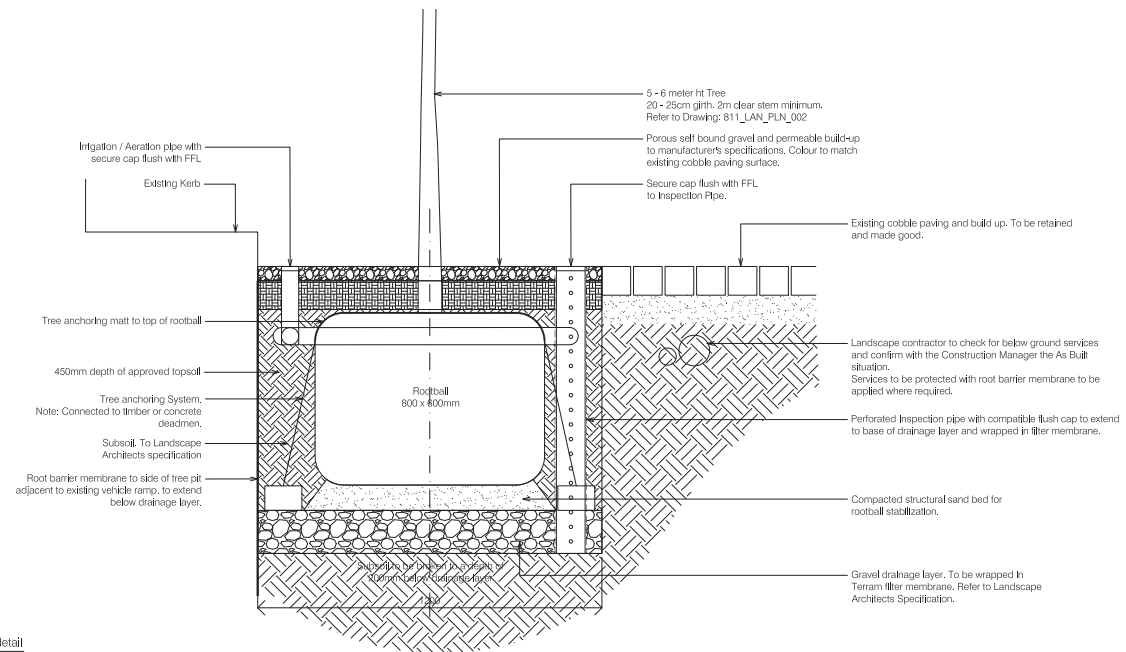
7. TREE PLANTING PLAN

Please refer to full size drawing 811_LAN_PLN_002

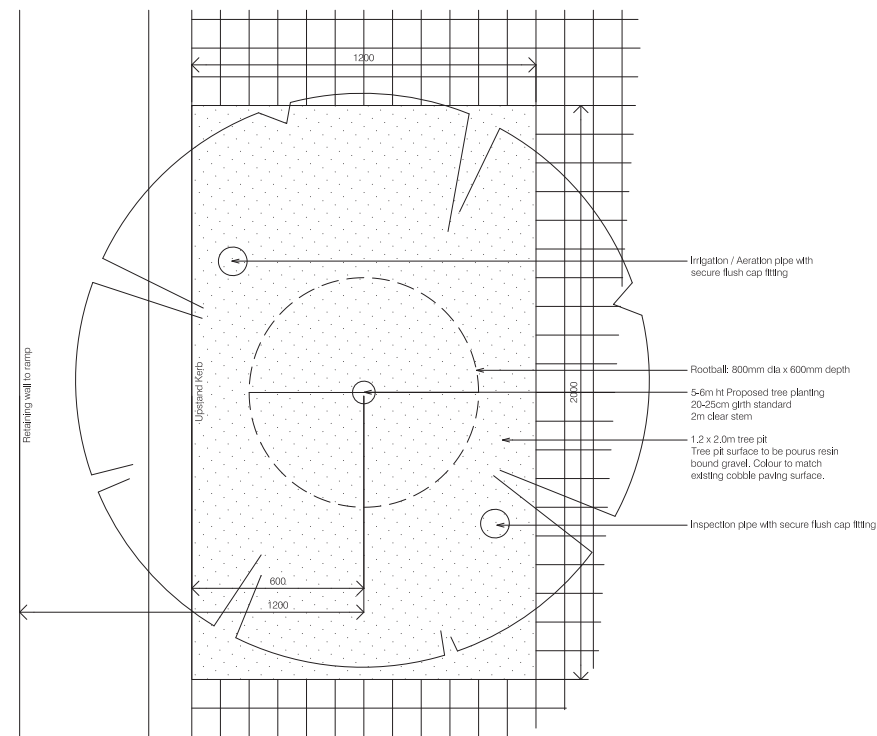


8. TREE PIT DETAIL

Please refer to full size drawing 811_LAN_DET_001.



01 Tree pit section detail
Scale: 1:10



02 Tree pit plan detail
Scale: 1:10

Dimensions to be verified on site. Figured dimensions to take preference to those scaled.

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NOTE:

Please refer to Tree Replacement Strategy document 811-003 and Tree Proposal Plan 811_LAN_PLN_001.

Final specie selection to be agreed with the Local Authority.

This drawing is intended for information ONLY. Full production information to be provided by the Contractor for construction.

REVISION	DATE
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