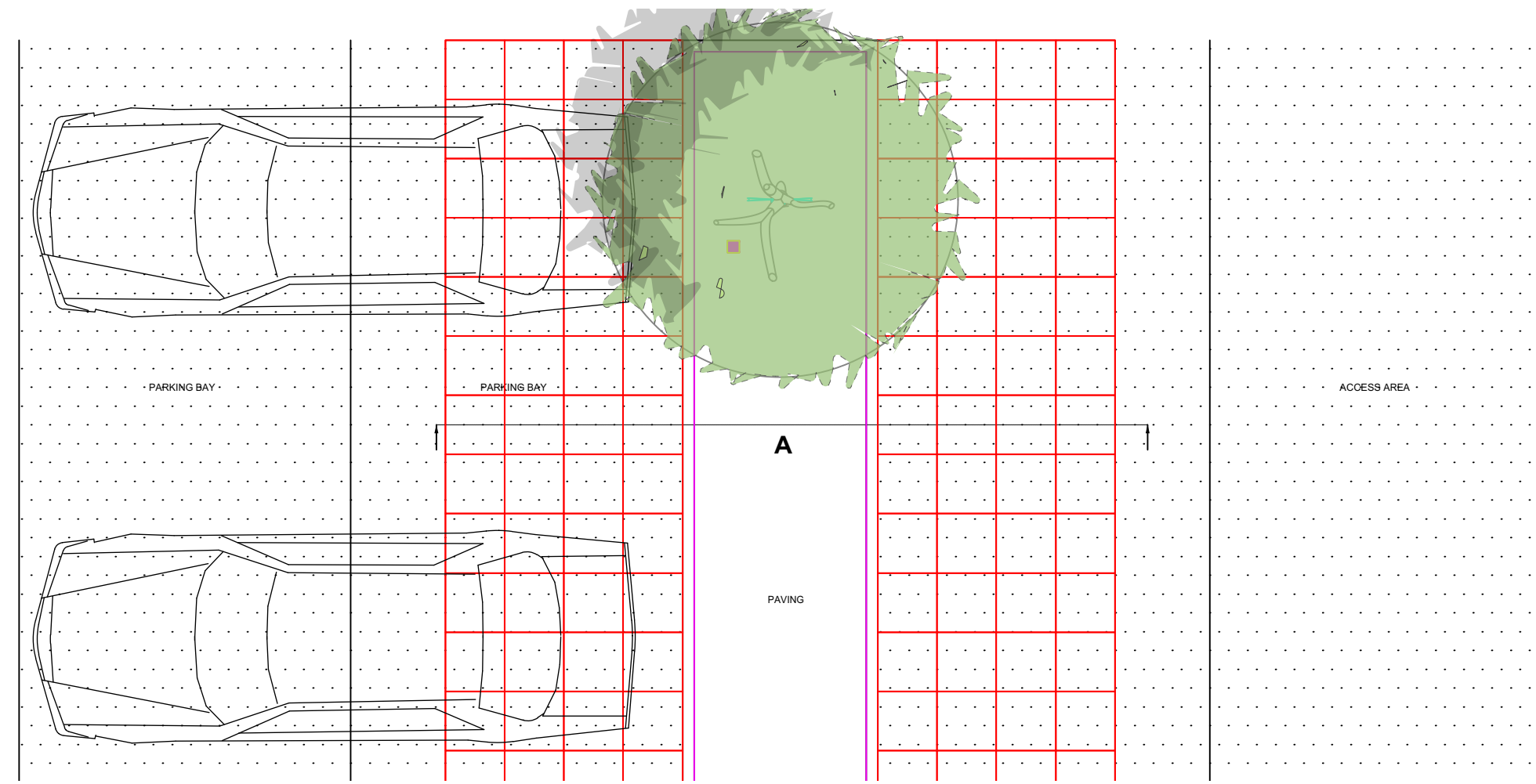
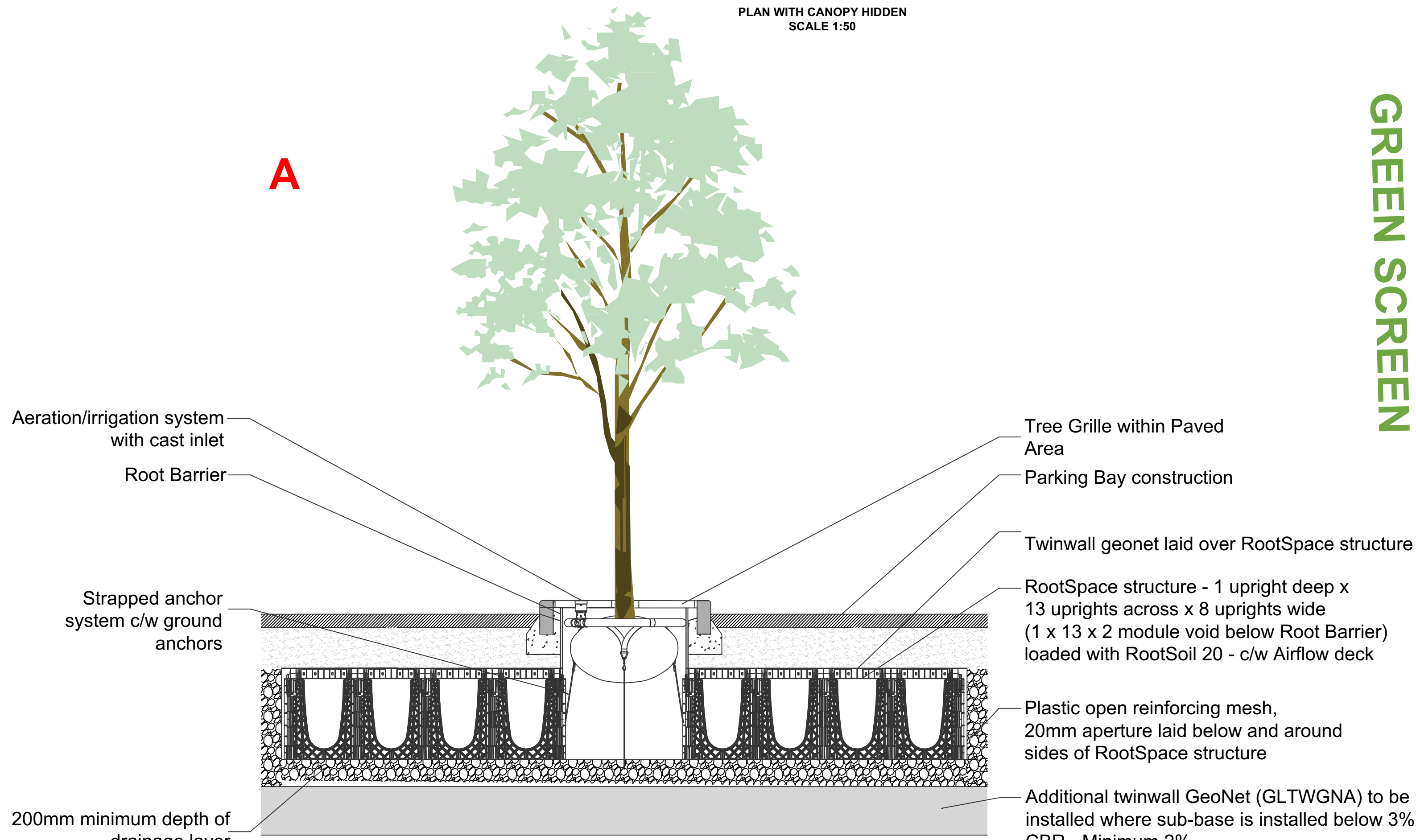
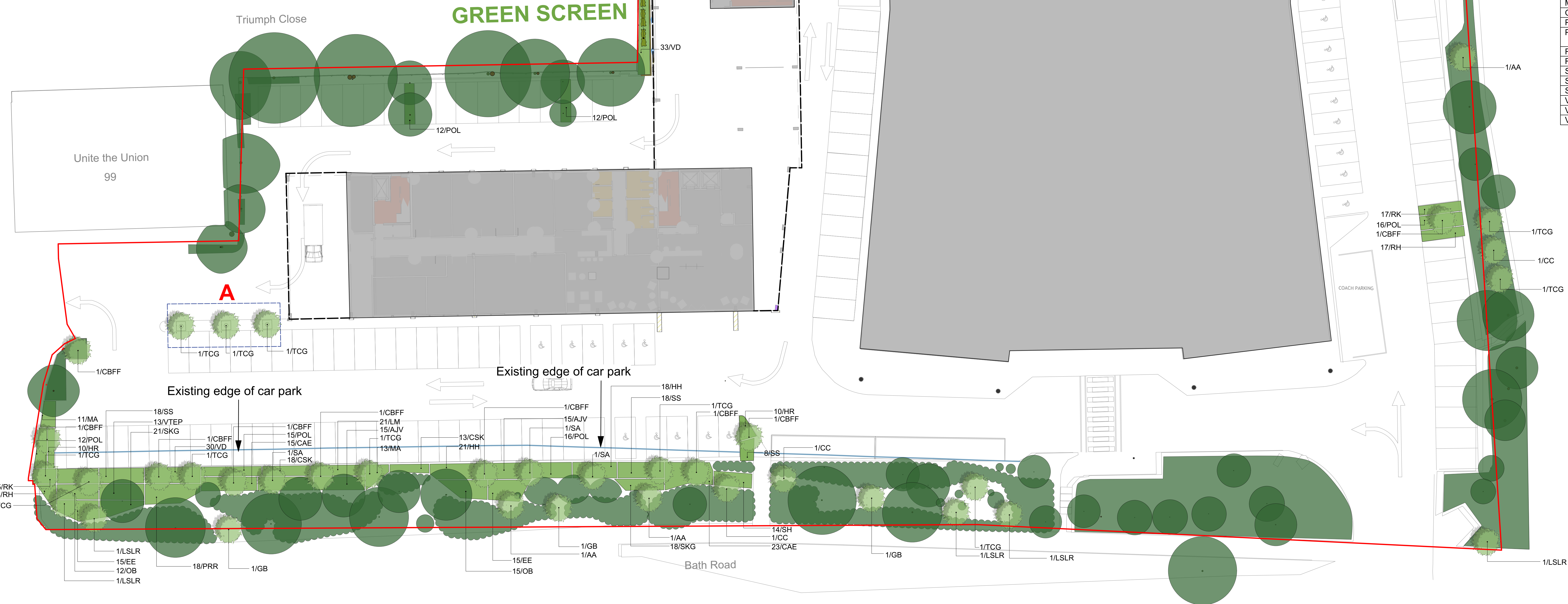




PLAN WITH CANOPY HIDDEN
SCALE 1:50



INDICATIVE TREE PIT DETAIL
SCALE 1:25



KEY

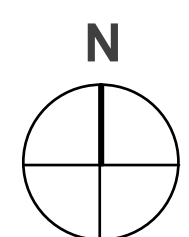
- Existing Trees/Planting Retained
- Proposed Tree Planting - (37 in total)
- Proposed Tree Planting in Tree Grille with RootCells
- Proposed Pleached Tree Planting - (37 in total)
- Proposed Shrub Planting

TREE PLANTING

Code	Species	Form	Girth cm	Height cm	Root condition	Quantity
AA	Ailanthus altissima	EHS	14-16	425-600	65/85 L	3
CBHP	Carpinus betulus Pleached 'High panel'	-	20-25	4m, trunk height 2m panels 2m x 2m	Rootball	37
CBFF	Carpinus betulus 'Frans Fontaine'	EHS	14-16	425-600	65/85 L	9
CC	Corylus colurna	EHS	14-16	425-600	65/85 L	3
GB	Ginkgo biloba	EHS	14-16	425-600	65/85 L	3
LSLR	Liquidambar styraciflua 'Lane Roberts'	EHS	14-16	425-600	65/85 L	5
SA	Sorbus aria	EHS	14-16	425-600	65/85 L	3
TCG	Tilia cordata 'Greenspire'	EHS	14-16	425-600	65/85 L	11

ORNAMENTAL SHRUB PLANTING

Code	Species	Height/ spread cm	Pot size (litres)	Habit	Min no. of breaks	No. / m2	Quantity
AJV	Aucuba japonica Variegata	30-40	3L	Bushy	7	1.5	30
CCD	Cotoneaster conspicuus Decorus	30-40	3L	Bushy	3	2	40
CAE	Cornus alba 'Elegantissima'	40-60	3L	Branched	3	1.5	38
CSK	Cotoneaster 'Skogholm'	30-40	3L	Spreading	3	3	31
EE	Elaeagnus x ebbingei	60-80	3L	Bushy	3	1.5	71
HR	Hebe rakiensis	20-30	3L	Bushy	5	3	20
HH	Hypericum Hidcote	30-40	3L	Bushy	5	2	39
LM	Lonicera 'Maygreen'	30-40	2L	Bushy	3	3	21
MA	Mahonia Appollo	30-40	3L	Bushy	3	2.5	24
OB	Osmanthus burkwoodii	30-40	3L	Bushy	5	1.5	46
POL	Prunus Otto Luyken	30-40	3L	Bushy	3	2	117
PRR	Photinia x Fraseri 'Red Robin'	40-60	3L	Branched	6	1.5	18
RK	Rosa 'Kent'	30-40	3L	Bushy	4	3	32
RH	Rosa 'Hertfordshire'	30-40	3L	Bushy	3	3	30
SH	Symphoricarpos Hancock	40-60	3L	Branched	2	2	14
SKG	Skimmia 'Kew Green'	30-40	3L	Bushy	3	3	60
SS	Senecio Sunshine	30-40	3L	Bushy	4	2	59
VD	Viburnum davidii	30-40	3L	Bushy	3	3	63
VT	Viburnum tinus	30-40	3L	Bushy	7	1.5	18
VTPE	Viburnum tinus 'Eve Price'	30-40	3L	Bushy	7	1.5	54



0 50m

Revision Description First issue Date

LANDARB SOLUTIONS

Project: Marriott Hotel, Heathrow Extension, Bath Road, Hayes

Description: Planting Plan Sheet 1 of 2

Status: For Planning

Scale: 1:200 @A0 Drawn I Checked DP MP Date: 23/04/2020

Job Number: LAS 97 Drawing Number: 04 Revision: -



Ginkgo biloba
Maidenhair Tree



Ailanthus altissima
Tree of Heaven



Corylus columna
Turkish Hazel



Liriodendron 'Lane Roberts'
Tulip Tree



Carpinus betulus 'Pleached'
Hornbeam 'Pleached'



Sorbus aria
Whitebeam



Tilia cordata 'Greenspire'
Lime 'Greenspire'



Carpinus betulus 'Frans Fontaine'
Hornbeam 'Frans Fontaine'

1. GENERAL

- 1.1 All plants will conform to BS 3936-1 (1992): and be in accordance with the National Plant Specification. Supplying nurseries will be registered under the HTA Nursery Certification Scheme. All trees shall be planted in accordance with BS: 8545:2014. All plants will be packed and transported in accordance with the Code of Practice for Plant Handling as produced by CPSE.
- 1.2 Planting will not be carried out when the ground is waterlogged, frost bound or during periods of cold drying winds.
- 1.3 If the formation level is compacted it should be ripped through before topsoiling. Recommended topsoil depths are 450mm for shrubs.

2. TREE PLANTING

Ground Preparation and Tree Pit Excavation

- 2.1 If the formation level is compacted it will be ripped through before topsoiling.
- 2.2 Where necessary existing weeds will be treated with a suitable glyphosate-based herbicide and a suitable period allowed to elapse, as recommended by the manufacturer, for the herbicide to take effect.
- 2.3 Tree pits will be excavated to at least twice the diameter of the root spread and to be planted in accordance with BS 4428 (1989). The bottom and sides shall be forked to break up the subsoil. All extraneous matter such as plastic, wood, metal and stones greater than 50mm diameter in any dimension will be removed from site.
- 2.4 The three tree pits that extend under hard paved areas will be excavated and filled with a cellular reinforcing structure such as Green Blue Urban Rootcells filled with topsoil. The tree will be underground guyed with root barriers installed as per the technical detail and the manufacturers guidelines.

Planting

- 2.5 Trees are to be placed into the pits and backfilled with local topsoil previously stripped from the site. A general-purpose slow release fertiliser (at the rate of 75gm/m²) and Tree Planting and Mulching Compost (at the rate of 20litres/m²) are to be incorporated into the top 150mm of topsoil during backfilling. Where tree pits are more than 300mm deep, backfilled material shall be consolidated/firmed in 150mm layers.

- 2.6 Trees (apart from the tree trees in hard landscape areas) shall be well firmed-in and secured with stakes, proprietary rubber tree ties and spacers as below.
- 2.7 All newly planted trees over 1.5m high will be held so that movement at the root collar is minimised until new roots have developed to anchor the tree. Therefore, low staking (75mm dia x 1.5m length) will be used and attached to the tree at approximately 600mm above ground level. Stakes will be driven 300mm into undisturbed ground before planting the tree, taking care to avoid underground services and cables. The trees will be staked using proprietary rubber ties and must be firmly fixed with a spacing device used to prevent chafing against the tree.
- 2.8 All trees (except the three in urban areas) will be either double-staked. The three trees in the hard-landscaped area shall be underground guyed as shown on the technical detail.
- 2.9 Composted bark mulch will be spread to a depth of 75mm across in a 1.0m diameter circle around all individual trees (except the three in urban areas), ensuring that desirable groundcover plants (where present) are not buried.
- 2.10 All trees and shrubs shall be watered in at the end of each day of planting.
- 2.11 Shrubs are to be set out as shown on the drawing and pit planted into the prepared soil at the specified centres with minimal disturbance to the rootball and well firmed in. Spread ornamental pine bark mulch to a depth of 75mm across all new planting areas, ensuring groundcover plants are not buried.

Maintenance during first growing season

- 2.12 All dead, dying or diseased trees will be replaced with trees of similar size and species. If the failure of the tree is due to disease and the disease is considered likely to re-occur then an alternative species may be used as replacement if agreed with the LPA.
- 2.13 The site is to be visited as required throughout the year to undertake the following operations:
- 2.14 Weed clearance: All planting areas will be kept weed free by hand weeding or herbicide treatment.
- 2.15 Checking trees: All tree ties and stakes will be checked and adjusted if too loose, too tight or if chafing is occurring. Any broken stakes will be replaced.

- 2.16 Formative pruning: Any damaged shoots/branches will be pruned back to healthy wood. Plants will be pruned in accordance with good horticultural practice to maintain healthy well-shaped specimens.

Watering during first growing season

- 2.17 The requirement for watering of newly planted trees will generally be dependent on weather conditions during the first growing season following planting. In a dry season watering may be required on a fortnightly basis from immediately after planting until the end of the growing season, but in a wet season watering may not be required at all. Therefore, trees shall be monitored regularly by test digging down to root level to assess the water content of the soil, with watering undertaken as required to ensure that the soil is at field capacity 2-3 days after watering.