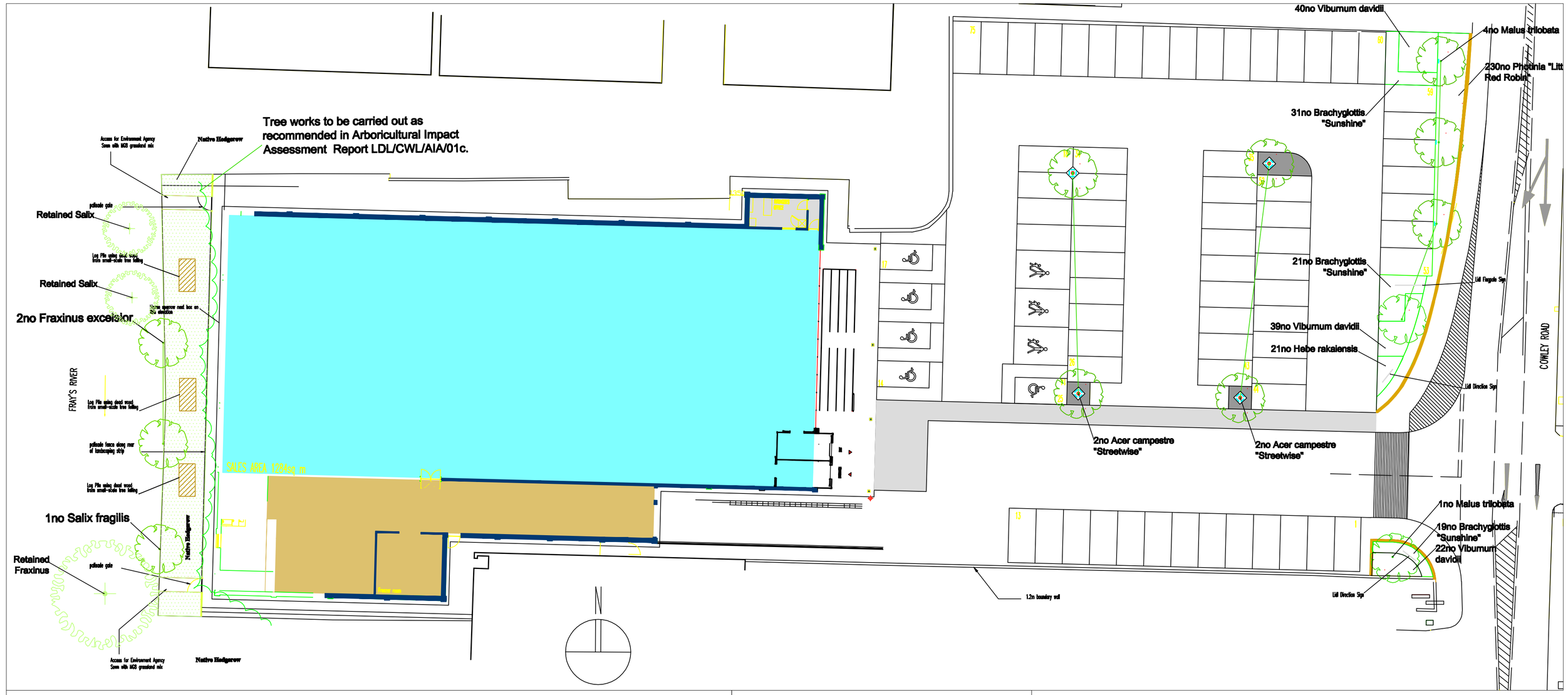
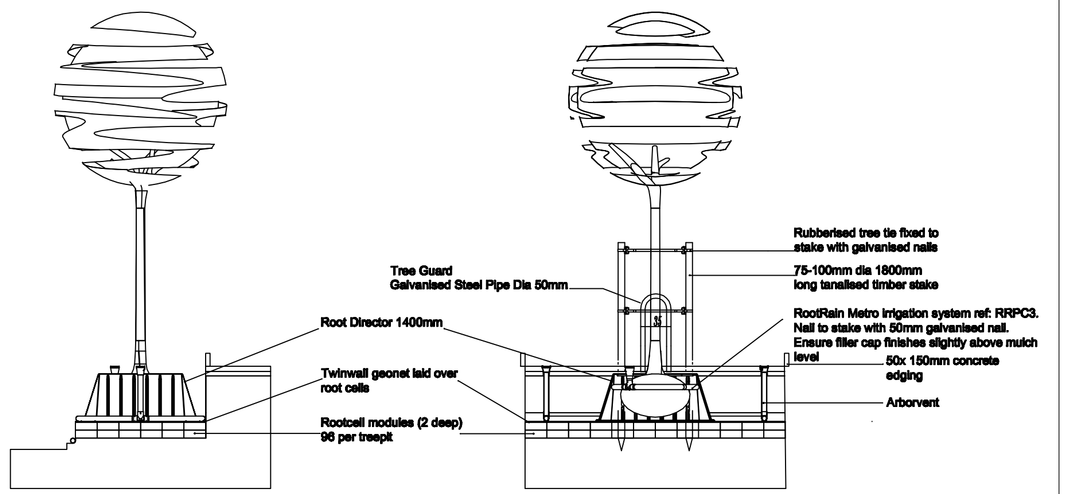
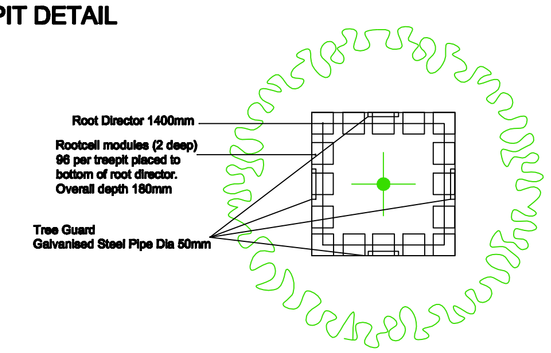




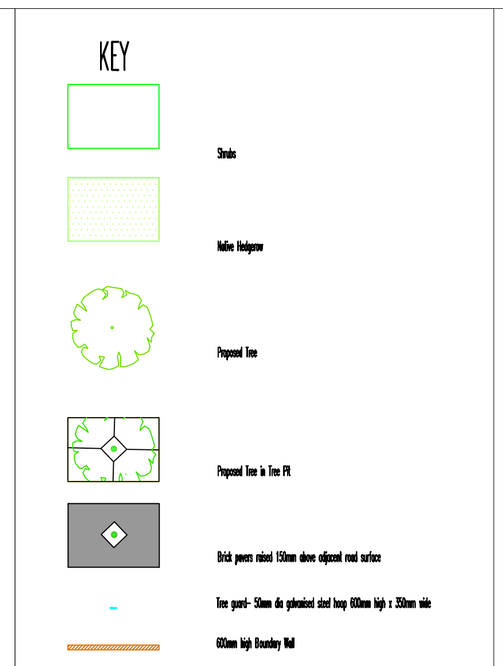
INDICATIVE TREE PIT DETAIL

Scale 1:50

RootCells shall be loaded with dry free draining topsoil to Bs 3882:2007 General Purpose Grade. RootCells shall be loaded one layer at a time. A compactor shall be run over the top to consolidate the structure without compacting the planting medium.



PLAN VIEW



OUTLINE SPECIFICATION

General
All soft landscaping/planting work shall be in accordance with approved horticultural standards and conform to BS 4428 specifications 1989- "Landscape Operations".
Subsoil shall be scarified to 150mm depth prior to spreading subsoil to alleviate compaction. Imported or as saved topsoil shall be to a minimum specification of BS 3882 2007 General Purpose Grade.
Topsoil in grass areas shall be to be a minimum depth of 150mm, in shrub beds 350mm depth
Herbicides, pesticides and other chemicals may only be used with the approval of the contract administrator. Use of chemicals shall be in accordance with all relevant guidelines and the manufacturer's recommendations.
Following planting, all shrub beds shall be treated with an approved granular fertiliser at rates as specified by the manufacturer.
With the exception of native hedgerow, all planting areas within the site boundaries shall be covered with a weed suppressing membrane "Plantex" or equivalent.
All planting beds within the site boundaries shall be mulched to 75 mm depth with amenity grade bark mulch (particle size 8-35 mm).

Shrubs
Plants shall be supplied in accordance BS3936 and handled in accordance with the CPSE Handling and Establishment of Landscape Plants Guidelines. Shrubs shall be planted into 350mm depth topsoil at specified planting densities. Following planting, all beds shall be treated with an approved granular fertilizer at rates as recommended by the manufacturer. Plants shall be well watered after planting and prior to spreading of mulch

Trees
All trees shall be in accordance with BS3936/ 5236. Trees shall be planted in accordance with BS4428 and securely staked and tied. Tree pits in soft landscaped areas shall be 1000 x 1000 x 750mm backfilled with topsoil mixed with 30l of planting compost ensuring tree pits are a minimum of 74mm deeper and 150mm wider than the tree roots. Base of the tree pits shall be broken up to a depth of 150mm. Root balls to be encircled by Root Rain Metro RR3 RRPC3 or similar irrigation pipe. All trees shall be well watered after planting.

Tree pits in hard landscaped areas shall be as specified in accompanying drawing 1060 Lidl Uxbridge Tree Pit Detail.

Native Hedgerow
All plants shall be of native provenance and locally sourced. Where plants are not planted into newly installed topsoil, the ground shall be sprayed off with a brand of glyphosate approved for use in aquatic conditions, to 1.5m beyond planting positions prior to planting. All stock shall be randomly planted at 30cm centres in staggered rows 90cm apart. All planting areas shall be mulched with amenity bark mulch to 50mm depth.

Species mix shall be as follows:
Acer campestre 6%, Carpinus betulus 6%, Cornus sanguine 6%, Corylus avellana 6%, Crataegus monogyna 25%, Euonymous europaeus 6%, Ilex aquifolium 6%, Ligustrum vulgare 6%, Prunus spinosa 25% and Viburnum opulus 6%

MG8 Grassland
Seed mix shall be approved MG8 Grassland mix for river floodplain/ water meadow and locally sourced. Topsoil shall be levelled and graded. Seed shall then be sown at a rate of 5g per sq m.

Species mix shall be as follows:
Festuca rubra ssp litoralis 32%, Cynosurus cristatus 26%, Poa trivialis 20%, Centaurea nigra 3%, Ranunculus acris 3%, Sanguisorba officinalis 3%, Agrostis stolonifera 2%, Filipendula ulmaria 2%, Leontodon autumnale 2%, Plantago lanceolata 2%, Leontodon hispidus 1%, Prunella vulgaris 1%, Rhinanthus minor 1%, Caltha palustris 0.5%, Leucanthemum vulgare 0.5%, Lotus corniculatus 0.5% and Lychnis flos cuculi 0.5%

Maintenance
The Defects liability period for planting shall be 12 months from completion of the works. During this period, any plant found to be dead, dying or otherwise defective shall be replaced during the next planting season.
The contractor shall make maintenance visits as required to ensure the successful establishment of the planting; to maintain all tree pits and shrub areas in a weed free condition and to check, adjust and/or remove tree stakes and ties.

Plant Schedule

Trees

Quantity	Species	Designation	Height cm	Girth cm	Root System
4	Acer campestre "Streetwise"	EHS	425-600cm	14-16	RB
2	Fraxinus excelsior	HS	350-425cm	12-14	RB
5	Malus trilobata	EHS	425-600cm	14-16	RB
1	Salix fragilis	LStd	250-300cm	6-8	BR
12					

Shrubs

Quantity	Species	Size	Height cm	Density/m2
71	Brachyglottis "Sunshine	3 litre	30-40	3
21	Hebe rakaiensis	3 litre	30-40	3
230	Photinia "Little Red Robin"	3 litre	30-40	4
101	Viburnum davidii	3 litre	20-30	3
423				

Native Hedgerow 147 sq m

Quantity	Species	Size	Height cm
50	Acer campestre	1+1	40-60cm
50	Carpinus betulus	1+1	40-60cm
50	Cornus sanguinea	3l CG	60-80cm
50	Corylus avellana	1u1	40-60cm
205	Crataegus monogyna	1+1	40-60cm
50	Euonymous europaeus	1+1	40-60cm
50	Ilex aquifolium	3l CG	40-60cm
50	Ligustrum vulgare	0+1	40-60cm
205	Prunus spinosa	1+1	40-60cm
50	Viburnum opulus	1+1	40-60cm
810			

REV	Date	Revision
F	17.05.12	Tree species changed and plant schedule amended
E	11.05.12	Fraxinus removed from southern boundary
D	11.05.12	As per client's comments e-mail of 25.4.12 and 11.5.12. Outline specification revised. Plant schedule amended.
C	11.04.12	Revised site layout 1921 01AB incorporated. Planting plan and schedule amended.
B	23.11.10	Concrete edging added to tree pits
A	23.11.10	Revised site layout 1921 01| incorporated. Shrub planting added behind boundary wall. Trees and native hedgerow added to western boundary

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Drawing No	Date	Scale
1060	19th April 2010	1:250 @ A1

Title Landscaping Scheme
Client Lidl (UK) GmbH
Site Cowley Road Uxbridge