

Planting Schedules

Planting Schedule Shrubs						
Name	Height/Spread	Root	Form	Density	Qty	
Crataegus monogyna (4/Lin M)	60-80cm	B	Transplant (seed-raised)	4.00	129	
					129	

Planting Schedule by Mix and Class									
Native Shrub Mix @ 1.5m centres									
Class	Name	Age	Height	Form	Root	Cntr	%	Quan	
Shrub	Corylus avellana	1+1	60-80cm		B		20.00	13	
Shrub	Crataegus monogyna	1+1	60-80cm	Transplant (seed-raised)	B		30.00	20	
Shrub	Ilex aquifolium		40-60cm		C	3L	25.00	17	
Shrub	Sambucus nigra		60-80cm		B		10.00	7	
Shrub	Viburnum opulus	1+1	60-80cm		B		10.00	7	
Tree	Acer campestre	1+1	30-40cm	Transplant (seed-raised)	B		5.00	2	
								66	

Native Shrub Mix @ 1m centres									
Class	Name	Age	Height	Form	Root	Cntr	%	Quan	
Shrub	Corylus avellana	1+1	60-80cm		B		20.00	18	
Shrub	Crataegus monogyna	1+1	60-80cm	Transplant (seed-raised)	B		30.00	26	
Shrub	Ilex aquifolium		40-60cm		C	3L	25.00	22	
Shrub	Sambucus nigra		60-80cm		B		10.00	9	
Shrub	Viburnum opulus	1+1	60-80cm		B		10.00	9	
Tree	Acer campestre	1+1	30-40cm	Transplant (seed-raised)	B		5.00	4	
								88	
								154	

Planting Schedule Trees								
Name	Form	Age	Height	Bkrs	Root	Cntr	Qty	
Betula pendula	Feathered	2x	150-175cm	3	C	15L	5	
Betula pendula (8-10cm)	Standard	2x	250-300cm	3	C	25L	8	
Quercus robur	Feathered		175-200cm	5	C	15L	3	
							16	

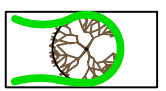
Planting Notes

- Tree felling must be carried out by climbing arborists in a sectional fashion as appropriate to avoid damage to those trees to be retained. Tree surgery operatives are to have the necessary training and experience to be able to assess trees for bats in accordance with Arboricultural Association Guidance Note 1 (Third Edition), March 2011 - 'Bats in the context of tree work operations' and/or a licensed bat ecologist should be present on site while tree works are being carried out. All existing trees within a 3m offset from the proposed car park are to be felled. If no-dig construction method is adopted, only trees within 1m of the proposed car park are to be felled.
- Any Bird/Bat boxes removed must be reinstalled onto retained trees at the outer edge of the woodland at a similar height and aspect to existing.
- Tree protection fencing shall be in accordance with BS 5837 2012 figure 2. The fencing shall be in place around the perimeter of the proposed car park once tree felling works are complete but before any other work commences and should remain in place until construction work is finished, and then will be removed to allow the landscape work to take place.
- All areas of proposed planting/seeding to be cleared of materials including building debris, stones, brick and concrete over 50mm in diameter. Any contamination and soils unsuitable for landscape purposes are to be removed from site.
- All groundworks and planting operations shall be in accordance with the following British Standards:  
BS 3936 Part 1 (1992) Nursery Stock - Specification for Trees and Shrubs  
Part 4 (2007) Nursery Stock - Specification for Forest trees, poplars and willows  
BS 4428 (1989) Code of Practice for General Landscape Operations (excluding Hard Surfaces)
- All plants shall be supplied in accordance with the National Plant Specification, by nurseries accredited by the Horticultural Trade Association. where possible, native plants to be sourced locally in accordance with Forestry Commission's Provenance Area 402.
- Effective weed control within the immediate area of proposed planting shall be carried out prior to planting. To avoid undue damage to existing roots of the pine trees and to minimize disturbance to existing vegetation, there is to be no ground cultivation.
- Planting is to occur within existing topsoil, to minimize disturbance to tree roots. Pits for standard and feathered trees to be 0.6 x 0.6 x 0.5m, with 100mm depth of the base of pit broken. Pits for containerised shrubs (3L) and transplants to be 300 x 300 x 300mm. If tree roots over 25mm are encountered when excavating the hole, relocate planting hole to avoid existing root or plant carefully around root without damaging it. Hedgerows to be notch planted in a 0.75m wide strimmed and cultivated/scarified strip approx. 100mm deep (to remove herbaceous roots such as nettle and bramble but avoid unnecessary damage to tree roots).
- Apply peat-free tree and shrub planting compost by thoroughly incorporating it with topsoil into planting holes at the rate of 8 litres per transplant and 3L containerised plants. Standard and feathered trees to have 40 litres per tree.
- All plants to be watered before and after planting and as necessary during the growing season to ensure planting thrives.
- All feathered and standard trees shall be supported by 1No. 50mm dia x 1200mm long stakes angled to avoid rootball and angled to the north with 400mm above ground level, tied with Standard Nylon Reinforced Rubber Belts, 37.5mm with Extra Large Pads spacer - supplied by J Toms Ltd or similar approved.
- All planting areas are to be maintained weed free and fully stocked with healthy plants for 2 years in accordance with Condition 3 of the Decision Notice. Any dead, dying or diseased or severely damaged plants shall be replaced with trees or shrubs of a similar size to that at the original time of planting, during the following planting season for the two year period.
- Log piles to be created on site from the felled trees and to be located and placed as specified on the drawing B15046.101.

NOTE: To minimize disturbance to tree roots of those trees to be retained, consideration should be given to the use of a no-dig method of construction in relation to the proposed reinforced grass car park surfacings, with levels married in to the existing levels using removed topsoil in a feathered method. Foundation pits for posts to the proposed knee rail should be hand dug to avoid root systems of existing trees to be retained.

Revised to address Tree Officers comments	A	OT	11/09/2015
Revision	Number	By	Date

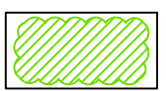
Key



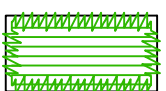
Approximate location of existing tree to be retained. Canopy of tree approximate



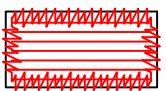
Approximate location of existing tree to be removed



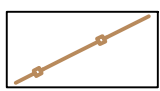
Approximate location of existing shrubs to be retained



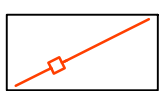
Approximate location of existing hedgerow to be retained



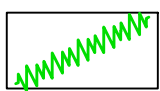
Approximate location of existing hedgerow to be removed



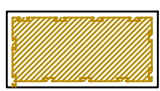
Existing 4-rail timber fence to be retained



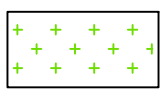
Existing Chestnut Pale fence to be removed



Proposed Hawthorn hedge - Double staggered rows, rows at 300mm apart plants within rows at 500mm centres



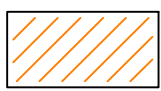
Proposed native species shrub mix



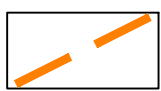
Proposed shade tolerant grass mix such as DLF Trifolium SC90 Shady Areas mix or similar to be sowed at a rate of 35-50g/m² onto reinforced grass surfacing such as Golpa Quicklay or similar. Surfacing and method of construction to car park to be specified by others.



Location of log piles. To be assembled as specified on drawing.



All trees within 3m offset zone from edge or proposed car park to be felled. If no-dig method of construction is adopted, only trees within a 1m offset from the proposed car park should be felled



25m offset from existing surrounding buildings. Proposed Oak trees to be no closer to buildings than this line.

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Project  
Middleton Swimming Pool  
Car Park Extension

Drawing  
Planting Plans

Status  
Planning

Do not scale off drawing. All dimensions & Levels are to be checked on site. Any discrepancies must be reported to the landscape architect immediately.  
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Bedford	01234 261315	<input checked="" type="checkbox"/>
Woodbridge	01394 380509	<input type="checkbox"/>
London	020 7252 0002	<input type="checkbox"/>
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Job No. B15046

Dwg. No. 101A

Scale 1:200@A1

Drawn OT

Checked PW

Date 20-08-2015

