

Our ref: 8667_LN.002

18th March 2015

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Dear Ben,

Proposed Development at Longford Park, Banbury - Phase 3 - Parcel E

Following previous survey and assessment relating to Phases 1 & 2 at Longford Park, Banbury, Aspect Arboriculture has been instructed to prepare a review of Parcel E and its relationship with existing trees. The tree survey information relevant to this work Parcel E is provided within enclosure A.

In summary, Parcel E is set within an agricultural field currently under arable usage with few trees, i.e. two early mature Silver Birch, one early mature Beech, one mature Beech and one mature Field Maple. With the exception of a category U Horse Chestnut, all of the trees are considered to be of low arboricultural quality (category C).

An assessment of the impact of the proposed development has been undertaken, concluding in the necessary clearance of 3no. short sections of boundary hedgerow G32. The largest of the three sections to be removed is required to accommodate the proposed link road on the southwest boundary of parcel E and is c.17.5m in length. The second section to be cleared is c.13.5m in length and is necessary to facilitate the construction of an internal access road between parcel D and parcel E. Finally a pedestrian link between parcels D & E necessitates the removal of a further section c.5.5m in length. All sections to be removed are illustrated within enclosure B, and are differentiated from retained tree cover with a red canopy outline, and the lack of an RPA.

In order to safeguard the retained tree cover, particularly to the southwest of the application area against storage of materials, it will be necessary to protect their above and below ground structures with tree protection fencing as illustrated within enclosure B with a bold blue line. In this instance it is considered practicable to use tree protection barriers consistent with the specifications included within BS5837:2012. Detail of these specifications is included within this document as Enclosure C.

In conclusion, the proposals for parcel E are considered supportable from the arboricultural perspective subject to the use of properly sited barriers as detailed within this document.

I trust that this is considered self explanatory, and please do not hesitate to contact me should you wish to discuss in further detail.

Yours sincerely

A black rectangular box redacting the signature of James Bardey.

James Bardey BSc (Hons) TechArborA

Senior Arboricultural Consultant

Enclosures:

Enclosure A: Tree Survey Schedule (8667 TS 01 Parcel E)

Enclosure B: Tree Protection Plan (8667 TPP 09)

Enclosure C: Tree Protection Barrier Specifications (BS5837:2012)

Enclosure A: Tree Survey Schedule (8667 TS 01 Parcel E)

**BS 5837:2012 Tree Schedule: Parcel E
Longford Park,
Banbury**

BS5837:2012 Tree Survey: Explanation of Survey Criteria

<p>Sequential reference number cited on all aspect drawing.</p>												<p>e.g.: young, semi-mature, early-mature, mature or over-mature</p>		<p>Area around tree deemed to contain sufficient roots and rooting volume to maintain the tree's viability, and where the protection of roots and soil structure is a priority.</p>	
<p>Height and Crown spread measured to the nearest half meter; # denotes where this is estimated.</p>												<p>Category prefix A-C denotes arboricultural quality, decreasing from A (high) to C (low); Subcategories 1, 2 and 3 highlight associated arboricultural (1), landscape (2) and ecological (3) qualities.</p>		<p>Category U trees are those in such a condition that they cannot be retained as living trees in the current context for</p>	
Tree Number	Common Species Name	Trunk Diameter (mm)	Height (m)	Crown Spread (m)					Crown Clearance (m)	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	radial							

The following survey should not be interpreted as a report on tree health and safety. Aspect's opinion of tree condition and structural potential is valid for a limited period of 12 months from the date of inspection. Validity is assumed in the absence of inclement weather and no change to the trees existing setting.

Tree Number	Common Species	Trunk Diameter	Height (m)	Crown Spread (m)					Crown Clearance	Life Stage	Physiological Condition	Structural Condition	Comments	BS5837 Category	RPA Radius (m)
				N	E	S	W	radial							
103	Silver Birch	300#	8m					4	2	Early Mature	Average	Indifferent		C 12	3.6
104	Silver Birch	250#	12m					3.5	2	Early Mature	Average	Indifferent		C 12	3
105	Beech	400# 200#	12m					6	1.5	Early Mature	Average	Indifferent		C 12	5.4
106	Beech	490 620 390	11m					7.25	2	Mature	Average	Poor		C 12	10.5
107	Horse Chestnut	130	2.5m					1.5	2	Young	Below Average	Poor		U	N/A
108	Field Maple	400#	9m					4.25	2	Mature	Average	Indifferent		C 12	4.8
G32	Hawthorn Ash Elm Field Maple Elder	400 max @ base	3-4.5m					2	0.5	Mature	Average	Indifferent		C 12	4.8
G40	Cedar Lawson Plum Laurel	500, 300 max (5m back)	4-10m					2.5 @ boundary	0.5-2.5	Early Mature - Average	Average	Indifferent		C 12	6.9
G41	Hawhorn Field Maple	100 max	1.5m					1	0.5	Early Mature	Average	Indifferent		C 12	1.2

Enclosure B: Tree Protection Plan (8667 TPP 09)



NOTES:
Based upon the Ordnance Survey map with permission of The Controller of Her Majesty's Stationery Office, © Crown Copyright.
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1:1250 @ A3

0m 10m 20m 50m

KEY:

- Site Boundary
- 15 Trees Numbers
- Tree Canopies
- Category 'C' RPA
- Trees to be Removed
- Tree Protection Fencing

REV	DATE	NOTE	Drawn	Chk'd
REVISIONS				

aspect arboriculture

TITLE

Longford Park (Parcel E)
Tree Protection Plan

CLIENT

Barratt Homes

SCALE	DATE	DRAWN
1:1250 @ A3	MAR 2015	GW
DRAWING NUMBER		REVISION
8667 TPP 09		

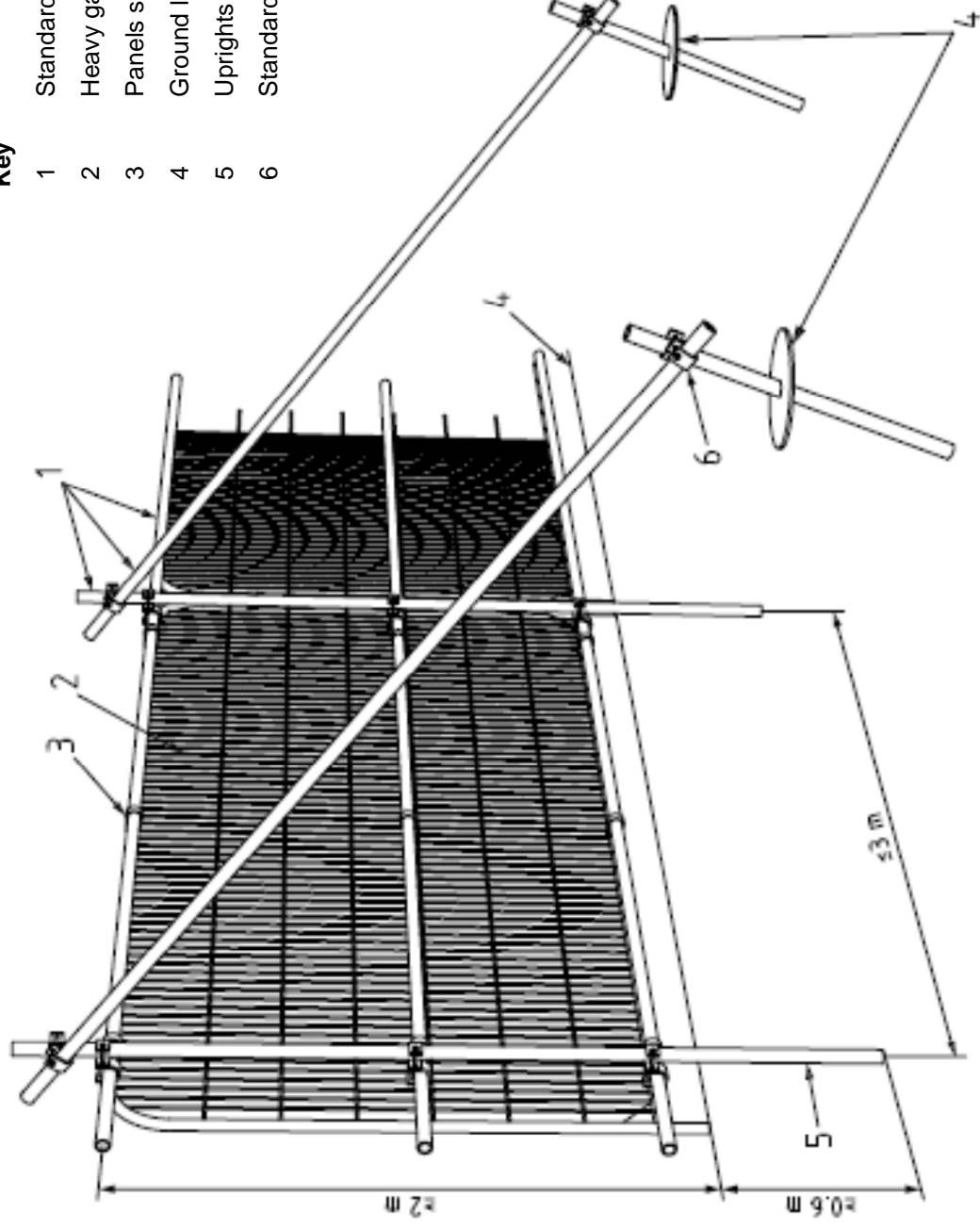
Based on architects' drawing no: 40256 001 Q Site Plan.dwg

Enclosure C: Tree Protection Barrier Specifications (BS5837:2012)

Recommended Tree Protection Fencing Specification for this Development (Source: BS 5837: 2012)

Key

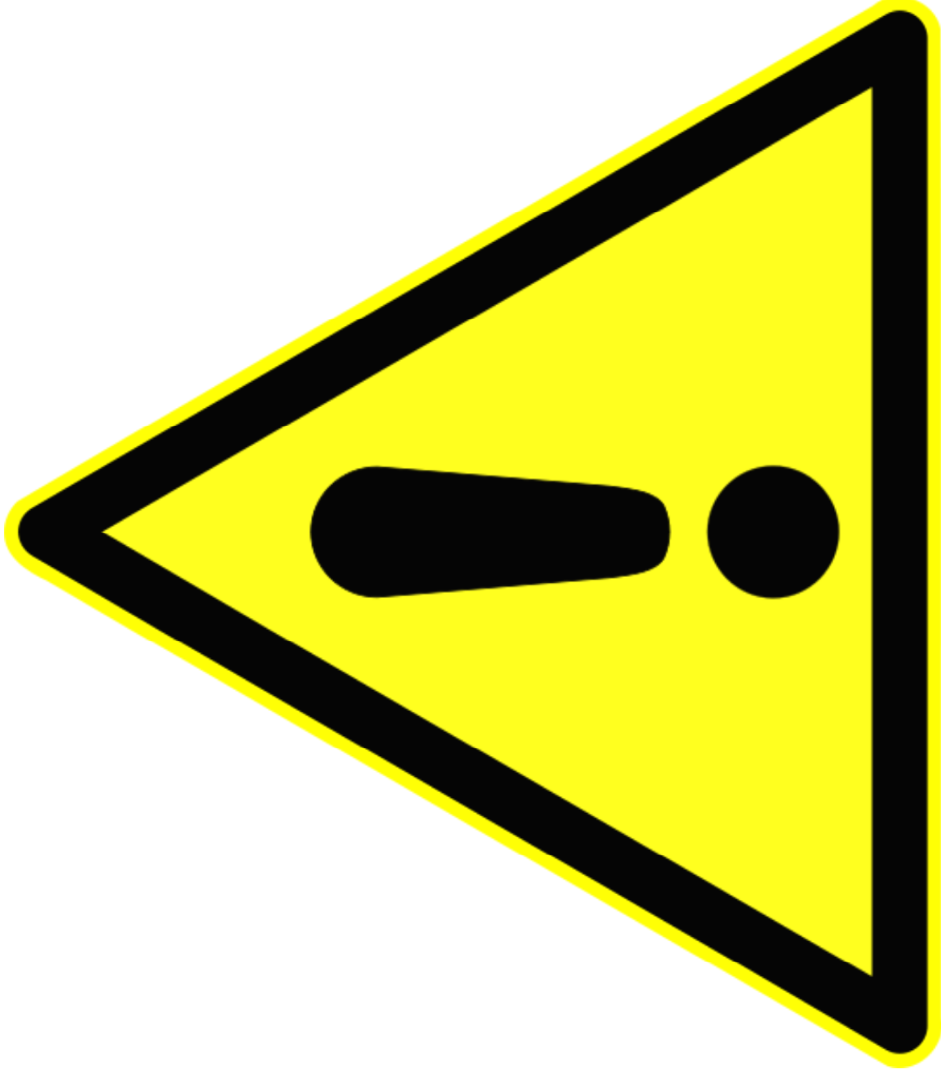
- 1 Standard scaffold poles
- 2 Heavy gauge 2m tall galvanized tube and welded mesh infill panels
- 3 Panels secured to uprights and cross-members with wire ties
- 4 Ground level
- 5 Uprights driven into the ground until secure (minimum depth 0.6m)
- 6 Standard scaffold clamps



Notes:

- Supports are to be sited tree side of the panel front face.
- All weather notices should be attached to every fourth panel highlighting the importance of the barrier in its correct position. An example is provided overleaf which may be duplicated for use on this development.

TREE PROTECTION BARRIER



- DO NOT MOVE THIS FENCE
- NO SITE ACTIVITY TREE SIDE OF FENCE
- NO STORAGE TREE SIDE OF FENCE
- For assistance call Aspect Arboriculture:
01295 276066

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 aspect

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