



ARBORICULTURAL IMPLICATIONS ASSESSMENT

PROPOSED DEVELOPMENT

AT

BIO INNOVATION CENTRE
ROYAL LIVERPOOL UNIVERSITY HOSPITAL
LIVERPOOL

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1.0 Introduction

- 1.1 The purpose of this report is to: -
 - a) Asses the impact, if any, the proposed development will have on the trees identified in the survey of November 2011 by Mulberry Tree Management.
 - b) Advise on arboricultural measures, which would be likely to mitigate any damage resulting from the proposed development
- 1.2 All background information from which this report is based has been taken from the initial survey, as stated in point 1.1 (a), by Mulberry Tree Management.
- 1.3 The limitations of this report are restricted to the persons, time, information made available and purpose for which this report has been prepared.

2.0 Findings

- 2.1 Due to the proposed development and its associated infrastructure there are a number of locations where the proposals are in close proximity to the trees surveyed. The Site Layout Plan within Appendix One identifies the trees in relation to the proposed development.
- 2.2 In order to fully assess the impact of the proposals an Impact Table has been created detailing each tree, which shows the proximity of the associated works to the tree.
- 2.3 This can then be assessed in accordance with BS 5837:2005 to determine whether the development will have a detrimental impact on the health of each tree. Once this has been determined remedial measures can be detailed to reduce the impact the proposals will have on the treescape.
- 2.4 Impact Table: -

Tree No	Root Protection Area identified in Table 2 of BS 5837:2005	Radial Distance of Root Protection Area less 20% (m) as identified in BS 5837:2005 Section 5.2.4 (a)	Distance to Development (m)	Can the Tree be Successfully Retained
T1	Fell Due to Development			
T2	Fell Due to Condition			
G1	Fell Due to Development			
G2	Fell Due to Development			
G3	Fell Due to Development			
G4	38m ² = Circle with a radius of 3.48 metres	2.78	4.00	Yes with the exception of two trees
G5	26m ² = Circle with a radius of 2.88 metres	2.30	24.00	Yes

3.0 Impact Assessment

- 3.1.1 To assess the implications of the Impact Table each tree can be categorised in the following way: -

	Trees to be Retained		Trees to be removed	
	With No Impact	With detailed construction	Due to Condition	Due to Development
Tree No.	G4 (with the exception of 2 trees) & G5		T2	T1, G1, G2, G3 & 2 trees within G4

APPENDIX

ONE