

**Gardeners Arms
Broad Green Road
Liverpool**

Seddon Construction

ARBORICULTURAL IMPACT ASSESSMENT



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1.0 INTRODUCTION

- 1.1 This document has been prepared by Trevor Bridge Associates on the behalf of Seddon Construction. It provides an Arboricultural Impact Assessment (AIA) in regards to the proposed development of Gardeners Arms, Broad Green Road.
- 1.2 This document follows, and should be read in conjunction with the Tree Protection Plan drawing No. 4221.03 and the initial pre-development tree survey dated May 2012 (ref.DF/4221/TreeSurveyReport). Both the initial tree survey and this document conform to guidelines contained within BS 5837:2012 Trees in relation to design, demolition and construction– Recommendations.
- 1.3 For the purposes of preparing this document the following material was referenced:
- Proposed Layout TBA Drawing No. 4221.02A
 - Tree Survey and Root Protection Area Drawing No. 4221.01

2.0 ARBORICULTURAL IMPACT ASSESSMENT

2.1 The overall impact of the proposed development on trees is considered.

2.2.1 This Impact assessment considers the consequences on existing trees situated within and adjacent the proposed development site, both in terms of quantifying tree loss and the potential impacts of those trees proposed for retention. In addition the relationship between trees being retained and the development layout are considered in regards to issues such as potential space/room for retained trees to develop, light loss, and shading of residential properties.

2.2.2 Loss of Trees

The development proposals will require the loss of the following trees:

Tree Reference	Species	Retention Category	Notes
G1	Mixed	C3	Remove due to development
G3	Mixed	C2	Remove due to development
G4	Mixed	R	Remove due to condition
G8	Mixed	R	Remove due to condition
G2 (Partial)	Mixed	C2	Remove due to development. See tree protection plan.
G6 (Partial)	Mixed	C2	Remove due to development. See tree protection plan.
T1	Sycamore	B1	Remove due to development
T5	Leylandii	C1	Remove due to development

2.3 Tree Pruning Required

2.4.1 There is no tree pruning required.

2.5 Special working methodologies required

2.5.1 There are no special working methodologies required. T2 root spread finishes at the edge of the existing hard standing formerly the pub car park (detailed on tree protection plan). The crown of T2 extends slightly into the proposed footpath, but it is deemed reasonable that the branches can be temporarily pushed aside behind the tree protection fencing without causing damage until work in that section is complete and the fence can be moved back out to the edge of the canopy again.

2.6 Shade and Growth constraints from existing trees

2.6.1 There are no shade or growth restraints affecting trees or property.

2.7 Impacts on off-site trees

2.7.1 No trees within neighbouring properties will be affected by the proposed development. G5 is situated in the garden of 215 Broad Green Road, which has a higher ground level than the existing car park. Due to this neither the root protection area nor the canopy of this group will be affected by the proposed development.

3.0 GENERAL ISSUES

- 3.1 The proposals should have no direct impact on trees that are to remain. Trees proposed for removal are of low/moderate value, either due to their condition, or general situation.
- 3.2 To mitigate for trees removed to accommodate this development, it is proposed 12 heavy standard trees are suitably planted consisting of species such as Prunus, Tilia, Betula and Carpinus (Detailed in the planting scheme and proposed layout TBA drawing No. 4221.02A).
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