

Arboricultural Impacts	
Impacts	Nos. of trees
Trees to be removed	0
Groups / Hedges to be removed (Partial removal of groups)	0 (1)
Trees with proposed incursions into RPAs	1
Groups / Hedges with proposed incursions into RPAs	0
Trees that will require pruning	0
Groups / Hedges that will require pruning	0
Trees to be transplanted	0
Groups / Hedges to be transplanted	0

No.	Species	Proposed structure	Incursion
T01	Norway Maple	Pedestrian surface	RPA
T01	Norway Maple	Dwelling	RPA

Arboricultural Impacts - RPAs (Area)				
No.	Species	RPA (m ²)	Incursion (m ²)	(%)
T01	Norway Maple	152.2	2.5	1.6
T01	Norway Maple	152.2	6.1	4.0

Tree Work Schedule			
No.	Species	Works	Category
G01	Various	Partial removal of group. Fell trees to ground level, grind out stumps.	C12

All tree work is to be undertaken in accordance with British Standard BS 3998:2010 Tree work - Recommendations. All arising's are to be removed and the site is to be left as found. Care is to be taken of the ground around retained trees to make sure that it does not become compacted as a result of tree surgery operations. No equipment or vehicles such as timber lorries, tractors, excavators or cranes shall be parked or driven beneath the crowns of any retained trees, to prevent subsequent compaction and root death.

No. of individual trees to be removed				
U	A	B	C	
0 (0)	0 (0)	0 (0)	0 (1)	0

No. of groups / hedges to be removed				
U	A	B	C	
0 (0)	0 (0)	0 (0)	0 (1)	0

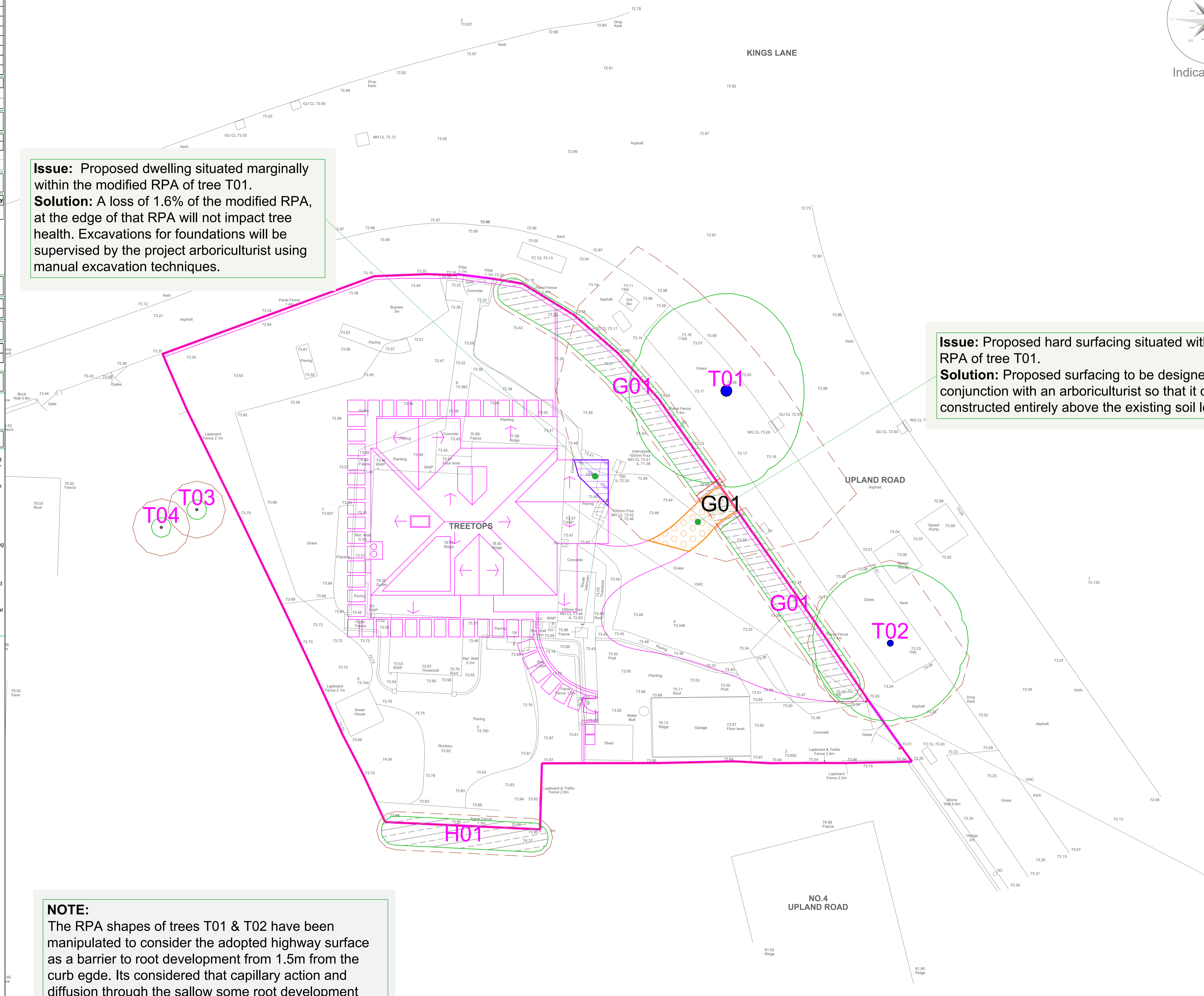
Arboricultural Method Statement
All tree work is to be undertaken in accordance with British Standard BS 3998:2010 Tree work - Recommendations. Please refer to Arbtch Consulting Ltd. Tree Schedule, Arboricultural Method Statement and Tree Protection Plan, for full details of all surveyed trees and how all aspects of the development may be implemented without detriment to retained trees.

Utility apparatus
Underground utility apparatus
Mechanical trenching for the installation of underground apparatus and drainage severs any roots present and can change the local hydrology in a way that adversely affects the health of the tree. For this reason, particular care should be taken in the route and methods of installation of all underground apparatus. Wherever possible, apparatus should be routed outside of RPAs. Where this is not possible, it is preferable to keep apparatus together in common ducts, all inspection chambers should be sited outside of the RPAs.
Where underground apparatus is to pass within the RPAs, detailed plans showing the proposed route should be drawn up in conjunction with the project arboriculturist. In such cases trenchless insertion methods should be used with entry and retrieval pits being located outside of the RPAs. If this option is not feasible and providing roots can be retained - protected excavations should be undertaken using hand held tools (air-spade, forks, shovels) or a combination of trenchless and manual excavation (broken trench).
Any design and installation should be undertaken in accordance with the National Joint Utilities Guidelines (NJUG).
Above-ground utility apparatus
Above-ground apparatus (including CCTV cameras and lighting) should be sited to avoid the need for detrimental tree pruning, as such the current and future crown size of the tree should be assessed. Tree branches can be pruned back with care to provide space, though it is not appropriate for repetitive and significant tree work to bear initial design solution unless this is a suitable management outcome for the tree. Any pruning should be undertaken in accordance with BS3998:2010

Issue: Proposed dwelling situated marginally within the modified RPA of tree T01.
Solution: A loss of 1.6% of the modified RPA, at the edge of that RPA will not impact tree health. Excavations for foundations will be supervised by the project arboriculturist using manual excavation techniques.

Issue: Proposed hard surfacing situated within RPA of tree T01.
Solution: Proposed surfacing to be designed in conjunction with an arboriculturist so that it can be constructed entirely above the existing soil level.

NOTE:
The RPA shapes of trees T01 & T02 have been manipulated to consider the adopted highway surface as a barrier to root development from 1.5m from the curb edge. Its considered that capillary action and diffusion through the shallow some root development beneath the surface.



Rev: Date: Notes:

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Project:
**Treetops,
Hillcrome Road,
Sutton,
Surrey
SM2 5EL**

Client:
TAG Homes Ltd.

Drawing:
Arboricultural Impact Assessment

Based on:
SMA/904/100

Drawing No:
Arbtch AIA 02

Date:
April 2021

Scale:
1:100 @ A1

Drawn:
JCH

Tree Nos.:	Tree Canopies:	Trunks:
T01		

All dimensions should be checked on site. No dimensions are to be scaled from this drawing. Please notify us of any discrepancies found. Arbtch Consulting Ltd. cannot be held responsible for inaccuracies in the base drawing in which this plan is based. This drawing is designed to reflect the principles of the layout or design only, and relates only to the protection of retained trees. An architect or structural engineer should be contacted over any matters of construction, detailing or specification and for any standards or regulatory requirements relating to proposed structures, hard surfacing or underground services. This drawing was produced in colour - a monochrome copy should not be relied upon.