



HALSNEAD PARK (PHASE 1), WHISTON
FOX CLUMP WOODLAND FOOTPATH
ARBORICULTURAL IMPACT ASSESSMENT ADDENDUM
November 2024

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Document Control

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Prepared for	Taylor Wimpey North West
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Arboricultural Impact Assessment Addendum

1.0 Scope

- 1.1. TEP was commissioned by Taylor Wimpey North West to conduct and produce an Arboricultural Impact Assessment (AIA) in support of a full planning application (ref: 7137.001, Version 8.0, March 2022). This addendum has been produced due to a proposed change to the design of a footpath that has the potential to affect trees. It describes the quality and number of features that would be impacted by the updated footpath alignment.
- 1.2. This report is an addendum to, and should be read in conjunction with, the AIA. Where the text of the AIA remains applicable, no changes are necessary and it does not alter the findings, recommendations, requirements or conclusions of the original and submitted report. Unless stated otherwise, all survey and assessment methodologies, guidance, policy and standards followed in the production of this addendum are the same as those described by the AIA.
- 1.3. Additional trees were assessed within the existing woodland Fox Clump (W1 of the AIA) by a qualified arboriculturist in accordance with BS 5837:2012 Trees in relation to design, demolition and construction - Recommendations.

2.0 Arboricultural Impact Assessment Addendum

- Baseline**
- 2.1. 14 individual trees, contained within woodland compartment W1, and one tree group were recorded within influencing distance of the addendum area. These comprise three Category A; five Category B; seven Category C; and one Category U features. Two small understorey trees (less than 75mm diameter) were also noted for completeness, but are below the threshold to be categorised under BS 5837.
 - 2.2. All features, with the exception of G5, are protected by a Tree Preservation Order (ref: Halsnead Park, Lickers Lane Tree Preservation Order No. 1 - 1964 [64/00001/TPO]).
 - 2.3. Feature locations, their quality categories, canopy spreads and root protection areas are shown opposite. All arboricultural information recorded during the survey is presented at Appendix A.

Effects

Proposed Development Amendment

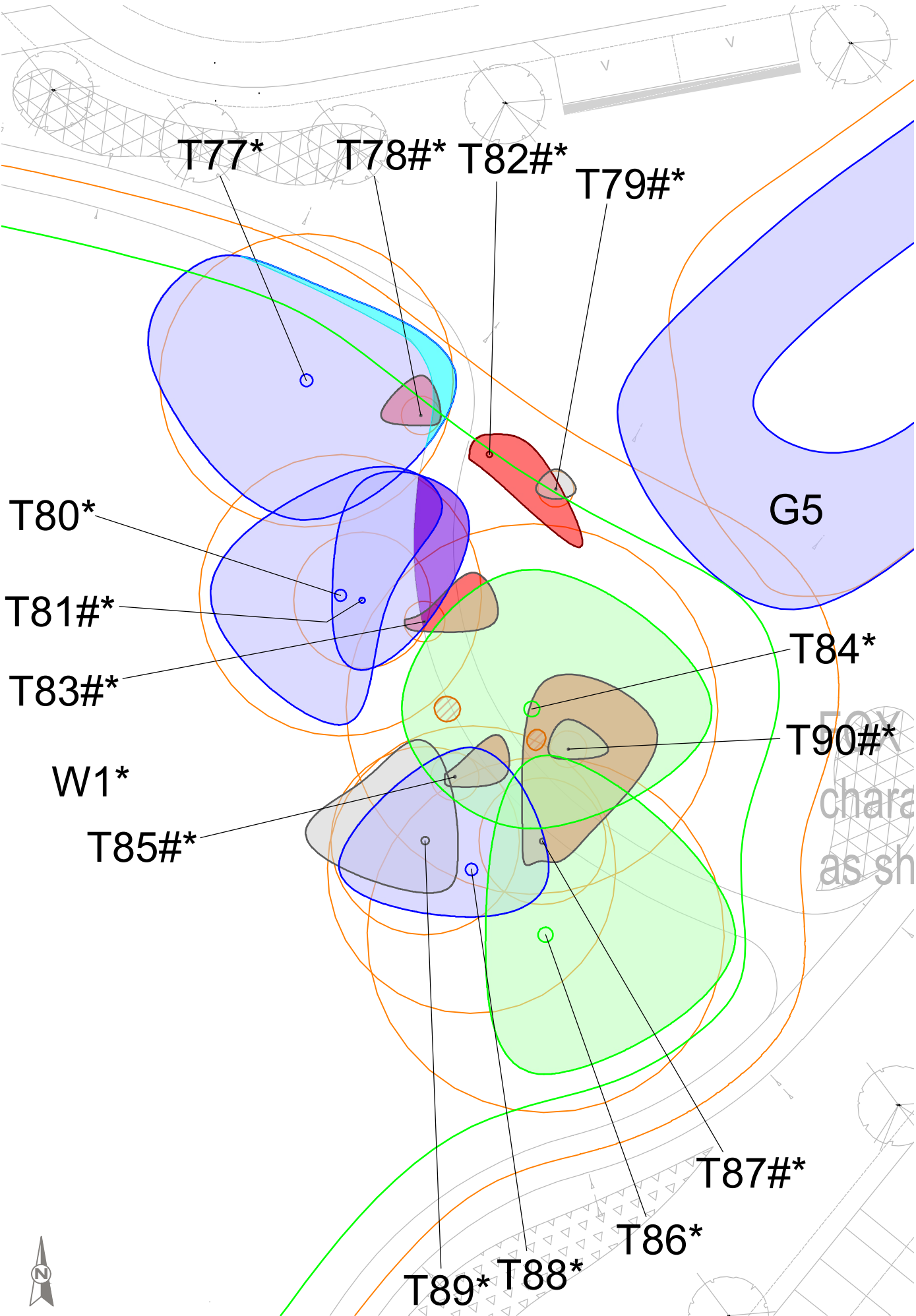
- 2.4. The proposed changes involve an amendment to the alignment of a proposed footpath around the edge of W1. This footpath was proposed around the perimeter of the woodland but, due to clashing with the edge of an existing pond (surrounded by G5), it has now been redesigned to cut through W1. The amended footpath alignment is shown opposite and based on the Planning Layout Plan (ref: 20285-PLA-01-X).
- 2.5. The perimeter footpath and internal footpath through W1 are already proposed, and partially constructed, using an above ground 'no-dig' cellular confinement system. The same construction method is proposed as part of the updated footpath alignment.
- Impact Assessment**
- 2.6. The proposed new footpath alignment would necessitate the removal of five trees and two small understorey trees (less than 75mm diameter). Of these, four are of low quality (Category C; T78, T83, T85 and T87) and one is of poor quality (Category U; T82).
- 2.7. The updated footpath alignment has targeted areas of open space within the woodland understorey and has been designed to avoid any requirement to remove large and/or high quality trees. Those proposed for removal are small self-set trees of low quality, one of which has already failed at an included basal union (T87) and one of which is dead and has failed onto the woodland floor (T82). Their removal would result in a small reduction in habitat, but this would be of little consequence in terms of detriment to arboricultural, landscape or habitat value of the woodland as a whole.
- 2.8. The partial removal of moderate quality (Category B) group G5 would no longer be required to accommodate the proposed footpath at the amended alignment and could be retained in full.
- 2.9. Three trees would need to be pruned to accommodate the amended footpath alignment. The north-eastern canopy edge of T77 would need to be crown reduced by c. 1.2m prevent it from overhanging the footpath. The north-eastern canopies of T80 and T81 would need to be crown lifted to 4m to ensure adequate vertical clearance over the footpath. Pruning in all instances is relatively minor and would not result in long term detriment to affected trees.

Mitigation

Tree Protection Measures

- 2.10. Tree protection measures for the original AIA and layout are detailed within the Arboricultural Method Statement (AMS) produced by TEP (ref: 7137.01.001, Version 4.0, August 2024).
- 2.11. Parameters detailed within the AMS for the proposed external perimeter footpath and an footpath through W1, south of the addendum area, are applicable to the construction of the amended footpath.
- 2.12. The AMS has been updated to include the amended footpath alignment and any subsequent changes to proposed construction methodology now applicable to this amended footpath alignment (see Version 5.0, November 2024).

- Planting**
- 2.13. Tree and hedgerow planting was proposed for the original site and included 461 extra heavy standard or semi-mature trees; 10 smaller trees (leaders with laterals); 1,938m² of native tree whip planting; and 3,659m of hedgerow. This was detailed on the Planting Plan (ref: HAL1810_PP01.00, Rev L).
 - 2.14. Further tree and hedgerow planting is proposed within W1 to form part of remedial works associated with the footpaths through the woodland. This additional planting is detailed on the Planting and Schedule Fox Wood Path Remedials Plan (ref: HAL1810_PP02.01, Rev P3).
 - 2.15. The additional planting within Fox Clump comprises 13 standard trees, including field maple, silver birch, pedunculate oak and rowan; 172m of native hedgerow, including hazel, hawthorn, dog rose, holly and viburnum; and 15m² native whip planting, including silver birch, hornbeam, hazel, hawthorn, holly, pedunculate oak and rowan.
 - 2.16. Planting proposed within W1 comprises more trees than would be removed for the amended footpath alignment and the already constructed footpath to the south combined and would be in addition to the significant wider site planting already proposed. There would therefore be a net gain in tree cover in the long term.



KEY

[This drawing must be reproduced in colour]

- T1/G1/W1 Trees
- Root Protection Area (RPA)
- Approximate Addendum Area
- # Approximate location (Feature not shown on supplied topographical survey)
- * Tree Preservation Order 64/00001/TPO (Halsnead Park, Lickers Lane Tree Preservation Order No. 1)

Trees to be retained

(Based on BS 5837:2012 Quality Categorisations)

- Category A (High quality)
- Category A - W1 (High quality)
- Category B (Moderate quality)
- Category C (Low quality)

Proposed tree works

- Trees to be removed (Canopy outline denotes tree quality category)
- Trees to be crown lifted (Canopy outline denotes tree quality category)
- Trees to be crown reduced (Canopy outline denotes tree quality category)
- Small trees to be removed (<75mm stem diameter at 1.5m, not categorised under BS5837)

NOTES:

This drawing should be read in conjunction with the respective Arboricultural Survey Data (Appendix A).

Coloured hatch not shown for W1 for clarity.



Rev		Description	Drawn	Approved	Date
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Project Halsnead Park (Phase 1), Whiston					
Title Arboricultural Impact Assessment Addendum					
Drawing Number D7137.08.001					
Drawn	Checked	Approved	Scale	Date	
HEE	RMG	JGS	1:250 @ A3	06/11/2024	

APPENDIX A: Arboricultural Data Sheets (Addendum Area Only)



APPENDIX A: Arboricultural Survey Data Sheets

Surveyor Heather Eilbeck
Survey Date 14/02/2022 (G5 and W1) & 11/10/2024 (addendum area)
Site Halsnead Park (Phase 1), Whiston
Drawing Ref D7137.08.001
Italicised Feature Ref: Inspection of this feature was restricted
Italicised Values: Feature value was estimated

Ref	Species	Height	Canopy Ground Clearance	Stem Diameter (or range)	No. of stems/ individuals	Crown Spread North	Crown Spread South	Crown Spread East	Crown Spread West	Lowest Branch Height	Lowest Branch Direction	Maturity	Condition	Comments on form, condition, health and significant defects	Management recommendations in current context	BS 5837 Quality Category	Estimated Remaining Contribution
		(m)	(m)	(mm)	arising below 1.5m	(m)	(m)	(m)	(m)	(m)	(N,S,E,W)	Young, Middle Age, Mature	Good, Fair, Poor, Veteran			A,B,C,U (1,2,3)	Long, Medium, Short, Very Short
Trees																	
T77	Common ash	11.0	1.5	612	6	5.0	7.0	7.5	7.5	1.5	E	Mature	Fair	Large woodland edge tree that is basally multi-stemmed and heavily ivy clad. Squat form. One piece of major deadwood in lower western canopy close to floor. No significant symptoms of ash dieback disease present, although surveyed during early autumn.	Inspect for symptoms of Ash dieback in summer when in full leaf flush.	B , 1, 2, 3	Medium
T78	Rowan	4.0	1.0	81	4	2.0	0.5	1.0	2.0	1.5	W	Middle Age	Fair	Small multi-stemmed tree within dense bramble patch at woodland edge. Suppressed from above and to west by adjacent large ash.		C , 1	Short
T79	Rowan	4.0	1.5	75	4	1.0	0.5	1.0	1.0	1.5	NW	Middle Age	Fair	Small multi-stemmed tree within dense bramble patch at woodland edge.		C , 1	Short
T80	Sycamore	14.0	2.0	589	4	6.0	6.5	2.5	6.5	2.5	NE	Middle Age	Good	Multi-stemmed tree close to woodland edge. Some previous branch failures evident with occlusion at sockets. Minor deadwood. Included stem unions. Suppression of eastern canopy due to immediately adjacent tree.		B , 1, 2	Long
T81	Sycamore	10.0	1.0	285	3	6.0	3.5	4.0	1.5	1.5	NE	Middle Age	Fair	Multi-stemmed tree close to woodland edge. Some previous branch failures evident with occlusion at sockets. Suppression of western canopy due to immediately adjacent larger tree. Canopy biased to north-east.		B , 1, 2	Medium
T82	Sycamore	2.0	0.0	290	1	1.0	1.0	2.5	1.0	0.0	E	Middle Age	Dead	Dead and collapsed tree on woodland floor at edge and overgrown by dense bramble.		U	Very Short
T83	Elder	2.0	0.0	85	2	0.5	0.5	3.5	1.0	0.5	E	Middle Age	Poor	Small tree within woodland that has snapped at the base and is now growing on floor. Biased to east because of this. Foliage still live.		C , 3	Short
T84	Sycamore	16.0	1.0	775	3	7.0	6.0	9.0	6.5	0.5	E	Mature	Good	Large mature sycamore at woodland edge. Trifurcate at 1m. 2 large branches growing from base at eastern side. Minor to moderate deadwood in canopy. Some previous branch failures with occlusion.		A , 2	Long
T85	Elder	2.0	0.0	100	2	0.5	0.5	2.5	0.5	0.5	E	Middle Age	Poor	Small tree within woodland that has partially snapped at the base and is now growing on floor. Biased to east because of this. Foliage still live.		C , 3	Short
T86	Sycamore	17.0	1.5	744	2	9.0	7.0	9.5	3.0	2.5	NE	Mature	Good	Large mature sycamore at woodland edge. Basally bifurcate with somewhat acute union. Canopy suppressed to west by adjacent trees in woodland. Some lower branch and stem removal on east side.		A , 2	Long
T87	Sycamore	8.0	1.0	265	5	8.0	1.0	2.0	1.0	1.5	NE	Middle Age	Fair	Basally multi-stemmed tree in woodland. North-eastern stem has torn out from base and is completely separated from tree, although still producing live foliage. 1 smaller dead stem in middle. Remaining stems and canopy appear healthy and vigorous, although heavily biased to north-east.		C , 1, 2, 3	Short
T88	Sycamore	16.0	0.5	602	3	6.0	2.5	4.0	6.5	0.0	E	Middle Age	Fair	Large multi-stemmed tree in woodland. Suppressing adjacent tree to west, but southern canopy suppressed by sycamore to south. Occasional deadwood.		B , 1, 2	Long
T89	Sycamore	15.0	2.0	393	3	5.0	2.5	1.5	6.0	3.0	NW	Middle Age	Fair	Basally trifurcate tree in woodland. Westernmost stem moribund with only very small side shoots with live foliage. Previous small stem failure on east side at 1m. Moderate deadwood in upper western canopy. Canopy biased to west due to adjacent larger tree.		C , 1, 2	Short
T90	Elder	3.0	1.0	77	4	1.5	0.5	2.0	1.0	0.5	E	Middle Age	Fair	Small tree within woodland. Sycamore stem to south has failed and is hung up in canopy.		C , 1, 2	Short



APPENDIX A: Arboricultural Survey Data Sheets

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		(m)	(m)	(mm)	arising below 1.5m	(m)	(m)	(m)	(m)	(m)	(N,S,E,W)	Young, Middle Age, Mature	Good, Fair, Poor, Veteran			A,B,C,U (1,2,3)	Long, Medium, Short, Very Short
Groups																	
G5	Sycamore, Common alder, Pedunculate oak, Rowan	3 to 8	0.0	100 to 350	30							Middle Age	Good	Adjacent to W1, group surrounds pond, bracken and bramble understorey, informal track around edge, lower limbs flailed.		B ,2	Long
Woodlands																	
W1	Sycamore, Sweet chestnut, Common hawthorn, English holly, Pedunculate oak, Goat willow, Elder, Whitebeam, Rowan, English elm	2 to 18		75 to 1000	150							Mixed Age	Good	Many mature trees and old, lapsed coppice stools throughout woodland, many multi-stems in woodland group, included unions throughout of varying size, some with bark ridging, seasonal pond located to north-east of woodland, dead standing stems of varying size within woodland, understorey of young to middle age trees of mixed species, mixed flora understorey with thick areas of bracken, large deadwood in lower canopies of some trees within woodland up to 120mm diameter, trees within woodland mostly in good health and condition, informal track around woodland edge, flailed lower limbs adjacent to track.		A , 1, 2, 3	Long

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