



WEST YORKSHIRE FIRE AND RESCUE - HQ
ARBORICULTURAL IMPACT ASSESSMENT ADDENDUM AND
TECHNICAL NOTE
VERSION 2.0, APRIL 2024

TEP
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West Yorkshire Fire and Rescue
Arboricultural Impact Assessment Addendum

1.0 Scope

- 1.1. TEP was commissioned by Wilmott Dixon Construction Ltd in January 2022 to produce an Arboricultural Impact Assessment (AIA, reference: 8808.005) in support of a full planning application (reference: 2022/62/91138/E).
- 1.2. A further addendum to the AIA (D8808.100) was produced in August 2022 in response to layout changes made since planning approval was granted and accompanied a Section 73 application to vary that consent.
- 1.3. This report is a further addendum to the HQ Application, and should be read in conjunction with the AIA and first addendum.
- 1.4. Where the text of the AIA and first addendum 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.
- 1.5. No new survey data was collected for the production of this addendum.
- 1.6. Existing features were compared against the existing Landscape and GA Plan (ref: HQC004-BBA-Z0-00-M2-L-1010_Landscape Masterplan-S4-C09) and assessed by a qualified arboriculturist to determine whether the revised layout would result in any changes to the impacts reported by the AIA (i.e. a requirement to remove a tree or manage any by pruning).

2.0 Effects

Layout Changes

- 2.1. The proposed amendments include a re-aligned entrance gate on Oakroyd Drive and associated landscaping.
- 2.2. There are also minor arrangement amendments to the entrances off Whitehall Road and Oakroyd Drive, and the internal parking adjacent G11; these are detailed separately as part of a new planning application and shown on D8808.04.002 AIA and AMS Technical Note (cyan boundary opposite).

Changes to Impacts on Trees

- 2.3. The changes to the HQ Layout would not result in the removal of any additional trees.
- 2.4. The changes adjacent to G11 would result in no further tree loss but the requirement for additional construction methodology and arboricultural supervision.
- 2.5. No further changes to the tree removal schedule presented in the AIA would arise.

3.0 Mitigation

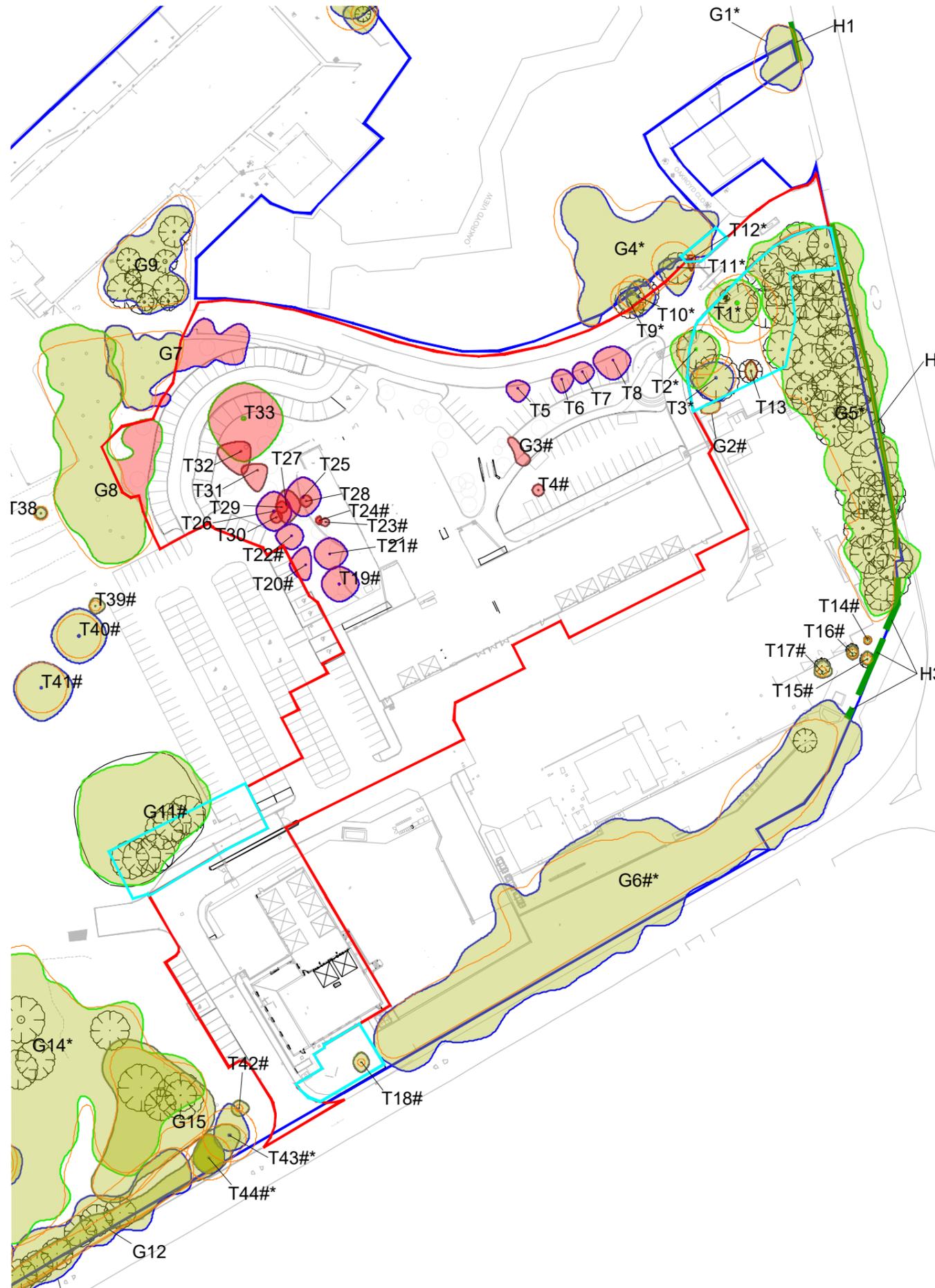
Tree Protection Measures

- 3.1. Tree protection measures are detailed in the Arboricultural Method Statement (TEP Ref: 8808.007) and should be overseen by an Arboricultural Clerk of Works as recommended in the AIA.
- 3.2. Additional measures for the treatment of works adjacent to G11 are detailed on the new application document AIA and AMS Technical Note (TEP Ref: D8808.04.002).

Recommendations

Planting

- 3.3. New planting is proposed and detailed on the Landscape Plan (ref: HQC004-BBA-Z0-00-M2-L-1010_Landscape Masterplan-S4-C09).
- 3.4. The proposed planting includes the planting of 83 new trees comprising tree species of a mixed mature size. This number is greater than the number of trees being removed.
- 3.5. While there will be an immediate loss of tree canopy cover in the short to medium term, the Soft landscape Plan and levels of mitigation have been designed to ensure that there is no net loss of arboricultural value in the long term and no permanent degradation of the treescape.



KEY

[This drawing must be reproduced in colour]

- T1/G1/W1 Trees
- H1 Hedgerow
- Root Protection Area (RPA)
- Site Ownership Boundary
- HQ Application Boundary Addendum
- New Application Boundary (see D8808.04.002)
- # Approximate location (Feature not shown on supplied topographical survey)
- * Tree Preservation Order

Trees and hedgerow to be retained and protected

- Trees to be retained (Canopy outline denotes tree quality category)
- Hedgerow (Not categorised)

Proposed tree and hedgerow works

- Trees to be removed (HQ application) (Canopy outline denotes tree quality category)



Rev	Description	Drawn	Approved	Date
A	Updated Landscape Masterplan and proposals	RMG	AAB	22.04.24



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Project
 West Yorkshire Fire and Rescue, Birkenshaw

Title
 HQ Application - Arboricultural Impact Assessment Addendum

Drawing Number
 D8808.04.001

Drawn	Checked	Approved	Scale	Date
RMG	JGS	JGS	1:1250 @ A3	21/03/2024

West Yorkshire Fire and Rescue
Arboricultural Impact Assessment and Method Statement
(New Application Area Technical Note)

1.0 Scope

- 1.1. TEP was commissioned by Wilmott Dixon Construction Ltd in January 2022 to produce an Arboricultural Impact Assessment (AIA, reference: 8808.005) in support of a full planning application (reference: 2022/62/91138/E).
- 1.2. A further addendum to the AIA (D8808.100) and Arboricultural Method Statement (AMS reference: 8808.007) was produced in August 2022 in response to layout changes made since planning approval was granted and accompanied a Section 73 application to vary that consent.
- 1.3. This document has been produced to support a planning application for the three additional areas shown opposite (cyan boundary). It describes the effects that the proposals would have on arboriculture; and measures that are and/or should be incorporated in the proposed development.
- 1.2. Where the text of the original AIA, AMS and Addendums 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 and AMS.
- 1.3. No new survey data was collected for the production of this addendum.
- 1.4. Existing features were compared against the existing Landscape and GA Plan (ref: HQC004-BBA-Z0-00-M2-L-1010_Landscape Masterplan-S4-C09) and assessed by a qualified arboriculturist to determine whether the revised layout would result in any changes to the impacts reported by the AIA and AMS (i.e. a requirement to remove a tree or manage any by pruning).

2.0 Effects

Layout Changes

- 2.1. The proposed amendments minor amendments to the landscaping either side of Oakroyd Drive and installation of a new kerb line and embankment re-grading adjacent to G11.

Changes to Impacts on Trees

- 2.2. The proposed layout would not result in the removal of any additional trees.
- 2.3. No further changes to the tree removal schedule presented in the AIA would arise.

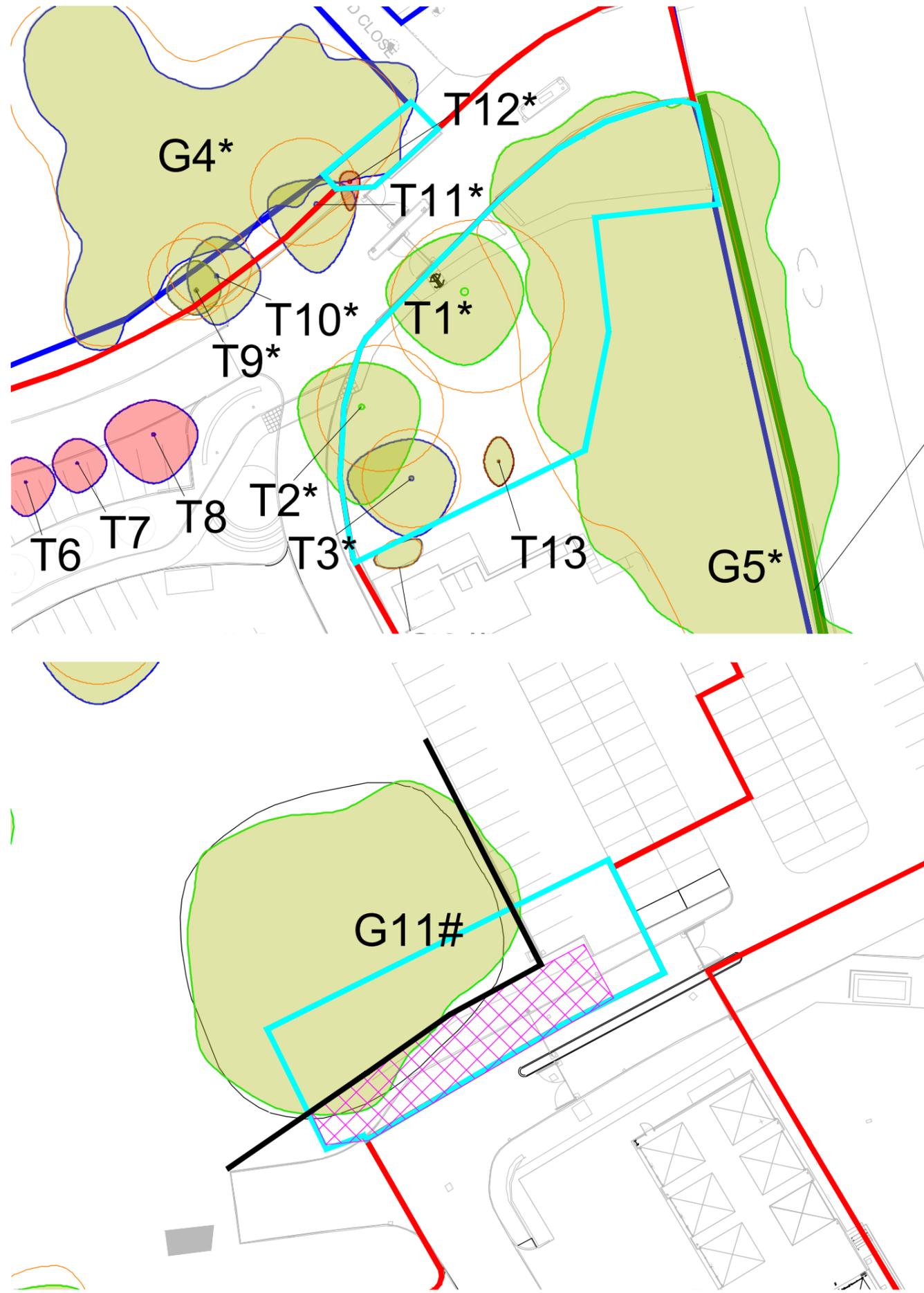
3.0 Mitigation

Tree Protection Measures

- 3.1. Tree protection measures detailed in the Arboricultural Method Statement (TEP Ref: 8808.007) would remain as detailed and should be overseen by an Arboricultural Clerk of Works.

Additional Measures - Supervision of works adjacent G11

- 3.2. As soon as practicable (ideally immediately following the installation of tree protection fencing) the Site Manager will arrange with the Arboricultural Clerk of Works (ACoW) a date to undertake the watching brief for supervision of works within RPA of, or close to, retained trees. This will include:
 - 3.3. New hard kerb alignment and embankment re-grading adjacent to G11.
 - 3.4. The watching brief will be undertaken in location shown on the plan opposite indicated by a magenta cross hatch opposite.
 - 3.5. If root pruning is deemed necessary and approved by the ACoW, this will not be completed during or immediately following heavy rain.
 - 3.6. Where necessary, tree protection measures may be temporarily realigned at the direction of the ACoW to allow for root pruning to be completed. Protection measures *must only* be realigned at the time that root pruning is taking place in each indicated area.
- 3.7. The ACoW will monitor the level and likelihood of potential root loss and make on-site recommendations based on the following findings.
 - No roots - Continue without constraint
 - Minor roots (1 to 10mm diameter) - Continue to monitor
 - Moderate roots (11 to 24mm diameter) - Prune roots neatly
 - Major roots (25mm diameter and above) - Can be accommodated*
 - *Where major roots are found, it may be necessary to agree additional measures with the LPA before works proceed, which may include additional tree removal.
- 3.8. Where roots are encountered, they will be severed neatly at the trench face using a sharp spade, bypass secateurs or a pruning saw as appropriate*.
- 3.9. A photographic record of the number, location and diameter of roots found or severed will be maintained by the ACoW for inspection by the local authority.
- 3.10. The completion of the watching brief according to this Method Statement must be verified by the ACoW.



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- # Approximate location (Feature not shown on supplied topographical survey)
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Project
 West Yorkshire Fire and Rescue, Birkenshaw

Title
 Arboricultural Impact Assessment and Method Statement
 (New Application Area Technical Note)

Drawing Number
 D8808.04.002

Drawn	Checked	Approved	Scale	Date
RMG	JGS	JGS	1:500 @ A3	21/03/2024