

Arboricultural Mitigation Measures (completion) report:

Leighton Park School, Reading.

Renovation and Alteration of Astro Turf Pitch.

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FUTURE TREE

Date: 13th March 2024

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Cover letter.

An earlier Report (12.10.2023 AMS & TPP L.P.S. Astro Pitch) made recommendations to undertake works to mitigate the disturbance which has occurred within the Tree Root Protection Areas of protected trees within area A4 adjacent to the Astro Turf Pitch at Leighton Park School. The disturbance was the result of works associated with the renovation of the Astro Turf pitch including the creation of some recessed areas intended to store goals.

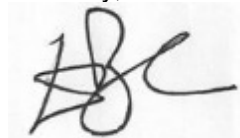
The recommendations were:

1. *All excavated areas within the root zones of trees T1, T2 and T9 should be backfilled with good quality topsoil to provide a good medium for development of new root development.
This work should be undertaken by, or at least supervised by, a recognized Arboriculturalist.
Excess excavated material/spoil should be removed from the area and disposed of in such a way that it does not represent a threat to any other trees.*
2. *The remaining root zone areas of T2 and T9 should be treated with an application of composted wood chip mulch to a depth of approximately 200mm. This action is intended to support growing conditions for the tree roots which remain undisturbed.
This work should be undertaken by, or at least supervised by, a recognized Arboriculturalist.*
3. *Type 1 stone stored in a pile within the root zones of T3 Hornbeam and T5 Yew should be removed outside of the TPO W4 area as a matter of urgency. This should be undertaken with care not to disturb the natural ground level below.
This work should be undertaken by, or at least supervised by, a recognized Arboriculturalist.*
4. *Trees T1, T2 and T9 are regarded as having been challenged by excavation and ground disturbance associated with the Astro turf alterations and renovations. These trees should be monitored over the course of the next 5 years for signs of decline.*

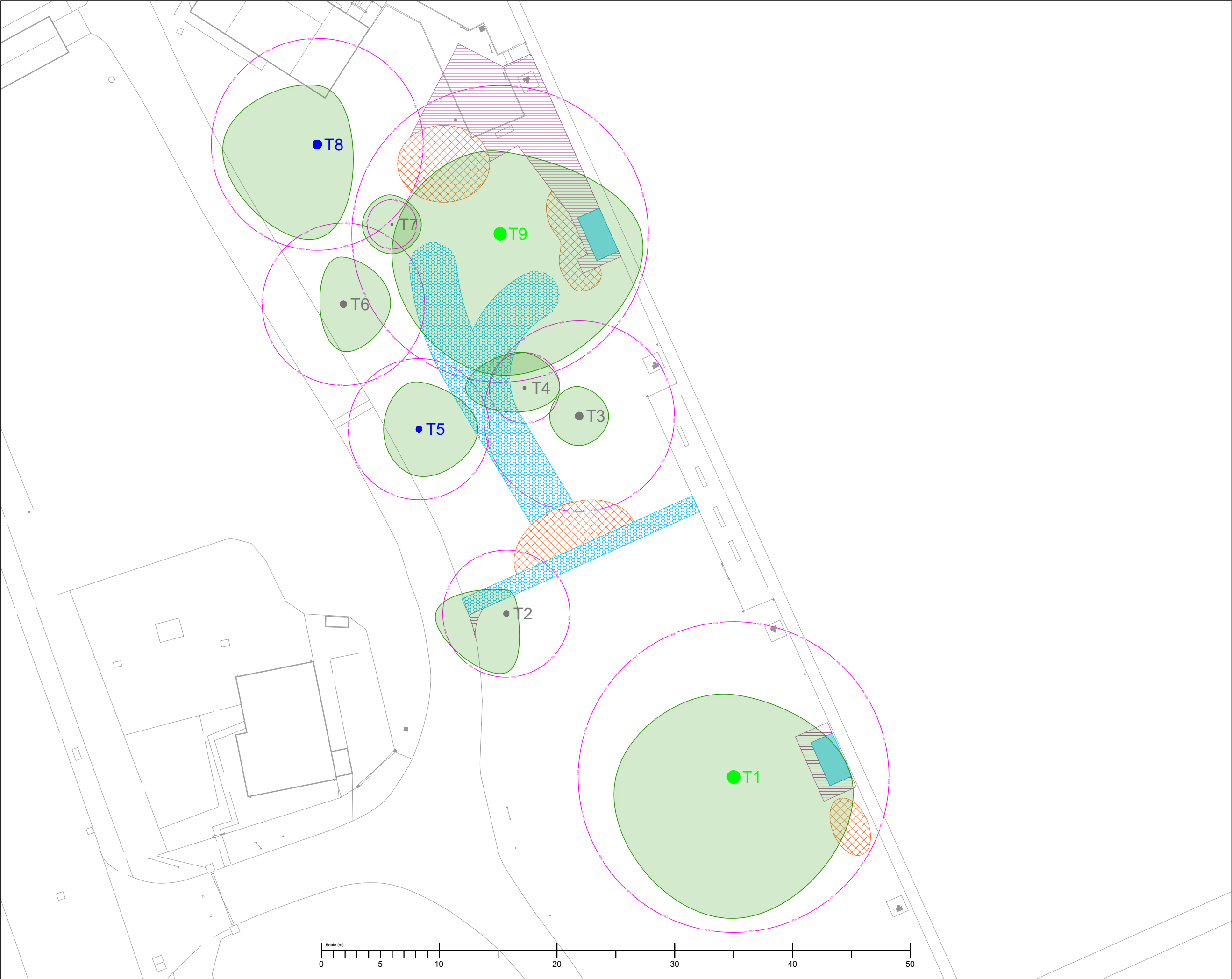
It was agreed with the RBC Planning Dept that these mitigation measures specified were regarded as a proportionate response intended to give the trees the best chance of recovery.

This document confirms that these recommendations have now been undertaken in full, as evidenced by the accompanying photographs.

Sincerely,



Eddie Butler (N.D. Arb.)
LANTRA prof. Tree Inspector



Key

T_n

Category A tree

T_n

Category B tree

T_n

Category C tree

T_n

Category U tree

Individual tree crown spread

Root protection area

New incursions

Construction access tracks

Excavations

Spoil heaps

Tree Protection and Mitigation Measures

Existing tree protection fencing (Heras)

Additional tree protection fencing required

Areas requiring composted woodchip mulch

Areas requiring good quality topsoil backfill

N

Notes

- Tree locations on this drawing may have been surveyed by Future Tree using a combination of on-site measurement and triangulation, plus referencing Google Earth imaging. Accuracy of tree locations is expected to be ±1.0m but cannot be guaranteed.
- Tree locations shown on these drawings must not be used for the purposes of setting out the site.

Drawing Title:

Tree Constraints Plan

Location:

Leighton Park School
Astroturf Pitch

Date:

11.12.2023

Project Reference:

TH/EB/LPS

Revision:

1.0

Scale:

1:300

Paper Size:

A3

Drawn By:

TH

Note: The original of this drawing was produced in colour - a monochrome copy should not be relied upon. All drawings © Future Tree.

Photographic Record

Leighton Park School Astro Turf Oak tree mitigation measures





Figure 1.:T1 Oak (Turkey)
Crown reduction works as
approved by RBC.

Site: Leighton Park School





Figure 2: T1 Oak. Removal of excess spoil. Utilisation of Ground Mats.



Figure 3: T1 Oak. Removal of excess spoil including broken out concrete haunching.



Site: Leighton Park School



Figure 4: T1 Oak. Installation of topsoil conditioner and composted woodchip mulch. Utilisation of Ground Mats.



Figure 5.: T1 Oak. Installed topsoil conditioner and composted woodchip mulch.



Site: Leighton Park School



Figure 6.: T9 Oak (Common)
Crown reduction works as
approved by RBC

Site: Leighton Parks School





Figure 7: T9 Oak. Removal of excess spoil. Utilisation of Ground Mats.



Figure 8: T9 Oak. Removal of excess spoil. Utilisation of Ground Mats.:



Site: Leighton Parks School



Figure 9: T9 Oak. Installation of topsoil conditioner and composted woodchip mulch. Utilisation of Ground Mats.



Figure 10: T1 Oak. Installed topsoil conditioner and composted woodchip mulch.



Site: Leighton Parks School



Figure 11: Mound of construction stone which had been deposited within the RPA's of trees within TPO Area W4.



Figure 12.: Mound of construction stone removed from within the RPA's of trees within TPO Area W4.



Site: Leighton Parks School