



OAKFIELD
ARBORICULTURAL SERVICES

Arboricultural Impact Assessment

Badwell Ash Village Hall,
Badwell Ash

OAS 24-050-AR01

March 2024

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DISCLAIMER

While all reasonable efforts have been made to identify defects in the subject trees, the statements made in this report do not take into account the effects of extreme weather events, vandalism, accidents or changes to the site that may affect trees that have taken place since the date of the survey. Oakfield Arboricultural Ltd does not accept any responsibility in connection with these factors. The comments and observations made within this report will cease to be valid either within two years of the date of the survey (unless specifically stated elsewhere within the report), or when site conditions change or any works to trees take place that have not been specified within this report, whichever is the sooner.

1.0 Introduction

1.1 Instruction

1.1.1 Oakfield Arboricultural Services were instructed to undertake a tree survey and provide arboricultural advice on the site known as Badwell Village Hall, Badwell Ash to accompany a planning application.

1.1.2 A detailed survey was undertaken in March 2024 and was carried out in accordance with BS 5837: 2012 ‘Trees in Relation to Design, Demolition and Construction – Recommendations’

1.2 Scope of Works

1.2.1 The scope of ‘Trees in relation to construction’ is to provide recommendations and guidance on how trees and other vegetation may be satisfactorily integrated into construction and development projects. The overall aim of this is to ensure the continued longevity and quality of amenity contribution that trees appropriate for retention and protection provide. This report and its appendices follow precisely the strategy for arboricultural appraisal and input intended to provide councils with evidence that trees have been carefully considered throughout the development process.

1.2.2 This is a preliminary assessment from ground level and observations have been made solely from a visual perspective for the purposes of assessment in terms relevant to planning and development. No invasive or other detailed internal decay detection devices have been used in assessing internal conditions.

1.2.3 Any conclusions relate to conditions found at the time of inspection. Any significant alteration to the site that may affect the trees that are present or have a bearing on planning implications (including level changes, hydrological changes, extreme climatic events or other site works) will necessitate a re-assessment of the trees and the site and render any previous advice/ findings invalid.

1.2.4 This is an arboricultural report and no such reliance must be given to comments relating to buildings, engineering, soil or ecological issues.

1.3 Documentation

1.3.1 The following documentation has been made available

- Proposed layout
- OS data map

2.0 Site & Tree Discussion

2.1 Site Description

2.1.1 The site is Badwell Village Hall and associated land located off The Street in Badwell Ash. Located behind the main street frontage the site comprised the main hall building, tarmac and concrete parking/ access road and a large area of sports pitches. Access off The Street is from the south west corner of the site.

2.2 Tree Discussion

2.2.1 A total of nine individual trees, four groups of trees and one woodland have been assessed in detail from ground level by visual means only. The Tree Survey Schedule, at Appendix 2, details the trees in respect of dimension and quality in accordance with the methodology set out in the British Standard 5837:2012.

2.2.2 The trees are mixed in species with Ash, Hornbeam, Willow, Oak, Plane and Maple species all noted. Overall trees are located to the site boundaries and offer reasonable value in both arboriculture and landscape terms.

2.2.3 As per Mid Suffolk district councils online maps the trees are not afforded protection via a tree preservation order or by virtue of being located in a conservation area.

3.0 Development Implication Assessment

3.1 The proposal

3.1.1 The proposal is for the extension of the car park and the provision of 2no. MUGA sports pitches/courts.

3.1.2 The proposal has no impact on the surveyed trees and will not require any tree removals to accommodate the car park extension or the Muga pitches, therefore the overall arboricultural impact is of low concern.

3.2 Existing site conditions

3.2.1 It is noted that existing construction of the access road/ driveway and carparking are located in the root areas of T1, T8, T9 and G4.

3.3 Access

3.3.1 Access for construction purposes would be via the existing access road with access for the Muga construction via the new area of car parking; it is recommended the final surface for the car parking be done post construction of the pitches.

3.4 Construction

3.4.1 An area of parking is shown in the root areas of T3, this can be constructed using a 3d cellular confinement system so as to avoid any damage via excavation and compaction of the ground. Conventional construction could take place given the shallow foundations required however a root investigation should take place to ascertain if this is viable.

3.4.2 All other construction work is located outside the root areas of trees and requires no specialist considerations.

3.5 Cultural implications for retained trees

3.5.1 Tree works due to proximity of trees is of low concern and will not require any more tree work than is already required. Shade is of no concern given the proposal is not of a habitable nature.

3.6 Tree protection

3.6.1 Tree protection fencing will be required to be installed as shown on the Tree Protection Plan OAS 24-050-TS03. Fit for its purpose fencing must be installed post any tree works and before construction begins on site and will remain in situ throughout the construction phase.

3.6.2 Access for construction within the RPA is required however these areas are already existing car parking and or the access road and a s such are adequate in terms of use for construction routes.

3.7 Site storage, routes and compound areas

3.7.1 Adequate room is available for the locating of compounds and material storage within the site boundaries and outside of any measured RPA.

4.0 Conclusions

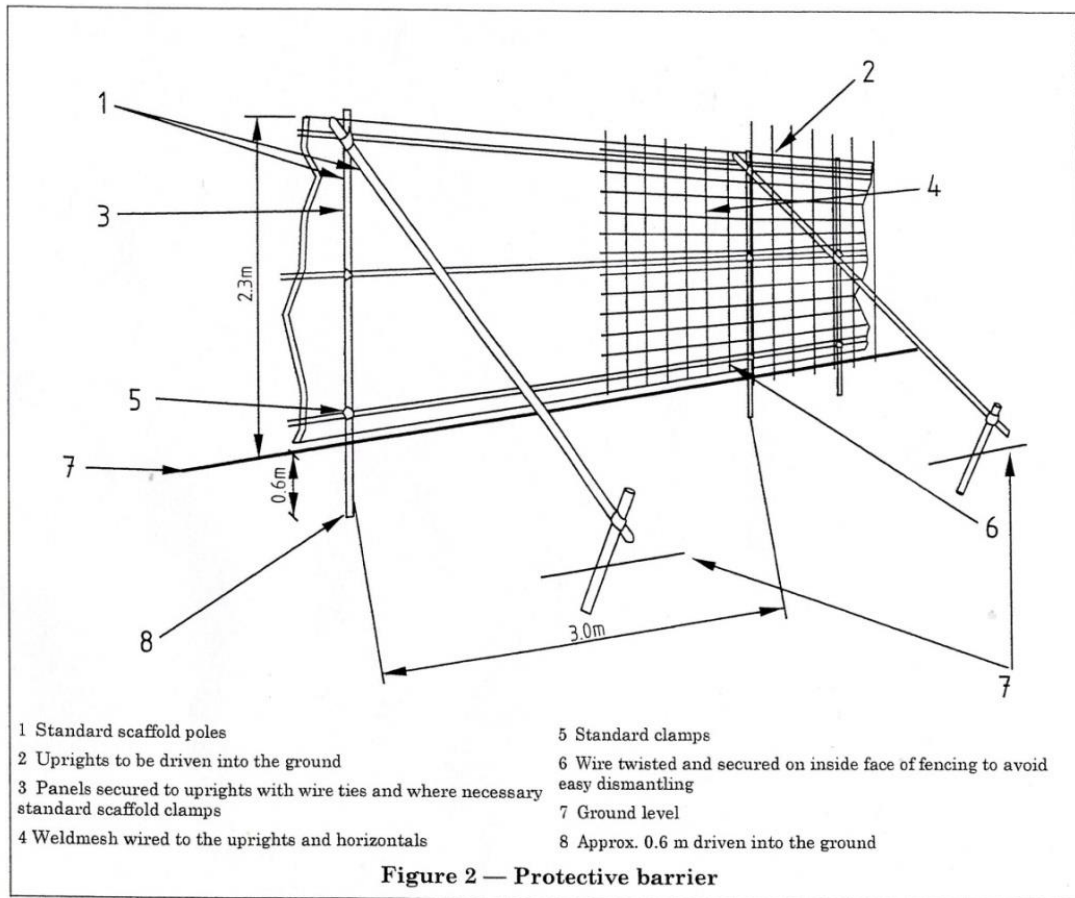
4.1.1 The proposal will have no material effect on the surveyed trees to accommodate the layout as such the arboriculture impact is of low concern.

4.1.2 A small area of no dig construction is required where a car parking is located in the root area of T3.

4.1.3 Tree protection fencing is to be installed and must be in place prior to all works commencing on site and remain in situ for the duration of the construction phase.

4.1.4 As long as the no dig construction is installed along with the tree protection fencing the proposal will not have any material effect on the health and or value of the surveyed trees.

Appendix 1: Tree Protection Fencing



Appendix 2 Tree Survey Schedule

Tree Ref. No.	Species (Common Name)	Height (m)	Canopy Spread				Grnd Clrnc	DBH (mm)	RPR (cm)	RPA (m)	Gen Cond	Structural Defects/Comments	Estimated remaining contribution (BS 5837)	BS Cat	BS Sub Cat	Prelim Tree Work Recommendations
			N	E	S	W										
T1	Goat Willow	11	3	3	3	3	0	800	960	289.38	F	Historically topped. Heavy ivy to stem	10+	C	1	
T2	Ash	18	6	5	5	4	2	600	720	162.78	F	Heavy ivy. Dieback noted in crown	10+	C	1	
T3	Hornbeam	18	6	7	7	5	1	900	1080	366.25	F	Normal form and condition	40+	B	1	
T4	Ash	20	5	5	5	6	3	500	600	113.04	F	Dieback noted in crown	10+	C	1	
T5	Hornbeam	15	5	5	6	6	2	650	780	191.04	F	Low squat form	20+	B	1	
T6	London Plan	18	8	9	7	6	3	900	1080	366.25	F	Normal form and condition	40+	B	1	
T7	Field Maple	10	3	3	3	3	2	350	420	55.39	F	Normal form and condition	40+	B	1	

Tree Ref. No.	Species (Common Name)	Height (m)	Canopy Spread				Grnd Clrnc	DBH (mm)	RPR (cm)	RPA (m)	Gen Cond	Structural Defects/Comments	Estimated remaining contribution (BS 5837)	BS Cat	BS Sub Cat	Prelim Tree Work Recommendations
			N	E	S	W										
T8	Oak	18	3	6	4	4	2	550	660	136.78	F	Historically reduced	20+	B	1	
T9	Norway Maple	18	3	5	4	4	2	800	960	289.38	F	Normal form and condition	40+	B	1	
G1	Oak, Sycamore, Norway Maple	20	5	5	5	5	2	500	600	113.04	F	Fair form and condition	40+	B	1, 2	
G2	Norway Maple, Silver Birch	18	4	4	4	4	2	500	600	113.04	F	Double staggered row to boundary	40+	B	2	
G3	Ash, Lime	18	6	6	6	6	2	800	960	289.38	F	Group formed crown. Dieback noted in Ash	20+	B	2	
G4	Holm Oak, Silver Birch, Ash, Cherry	18	4	5	5	5	2	900	1080	366.25	F	Group to access road vary in size and condition. Dieback noted in Ash	20+	B	2	
W1	Ash, Sycamore	18	As on plan				2	700	840	221.56	F	Boundary group	40+	A	2	

Tree Schedule Explanatory Notes

Ref.no	Identifies trees, groups and hedges on the accompanying plan.
Species	Common names are provided to aid wider comprehension.
Height	Describes the approximate height of the tree measured in metres from ground level
Canopy Spread	Indicates the crown radius from the base of the tree in four compass directions, recorded to the nearest metre.
Ground Clearance	Height of crown clearance above adjacent ground in metres.
DBH (mm)	DBH is the diameter of the stem measured in cm at 1.5m from ground level for single stemmed trees or just above root flare for multi-stemmed trees. Stem Diameter may be estimated where access is restricted.
RPR (cm)	Root Protection Radius (RPR) is area required to be protected measured radially from the trunk centre.
RPA (m²)	Root Protection Area (RPA) is the minimum rooting area in m ² which should remain undisturbed around each tree.
Age Class	Age of the tree expressed as Y- Young, MA- Middle-Aged, EM- Early Mature, M- Mature or OM- Over-Mature
General Condition	Overall condition of tree expressed as :Good, Fair, Poor, Dead
Structural defects/Comments	May include general comments about growth characteristics, how it is affected by other trees and any previous surgery works. Also specific problems such as dead wood, pests, diseases, broken limbs. Etc
Estimated Remaining Years	Categorised in year bands of less than 10, 10+, 20+, 40+
BS Category	B.S. Cat refers to (BS 5837:2005 Table 1) and refers to tree/overall group quality and value; 'A' - High; 'B' - Moderate; 'C' - Low; 'U' - Remove.
Sub Category	Sub Cat refers to the retention criteria values where 1 is arboricultural, 2 is landscape and 3 is cultural including conservational, historic and commemorative

Appendix 3 Photos

Existing access and car parking

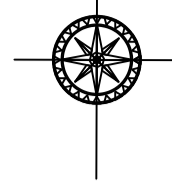


Sports pitch area








Sports and proposed car park area





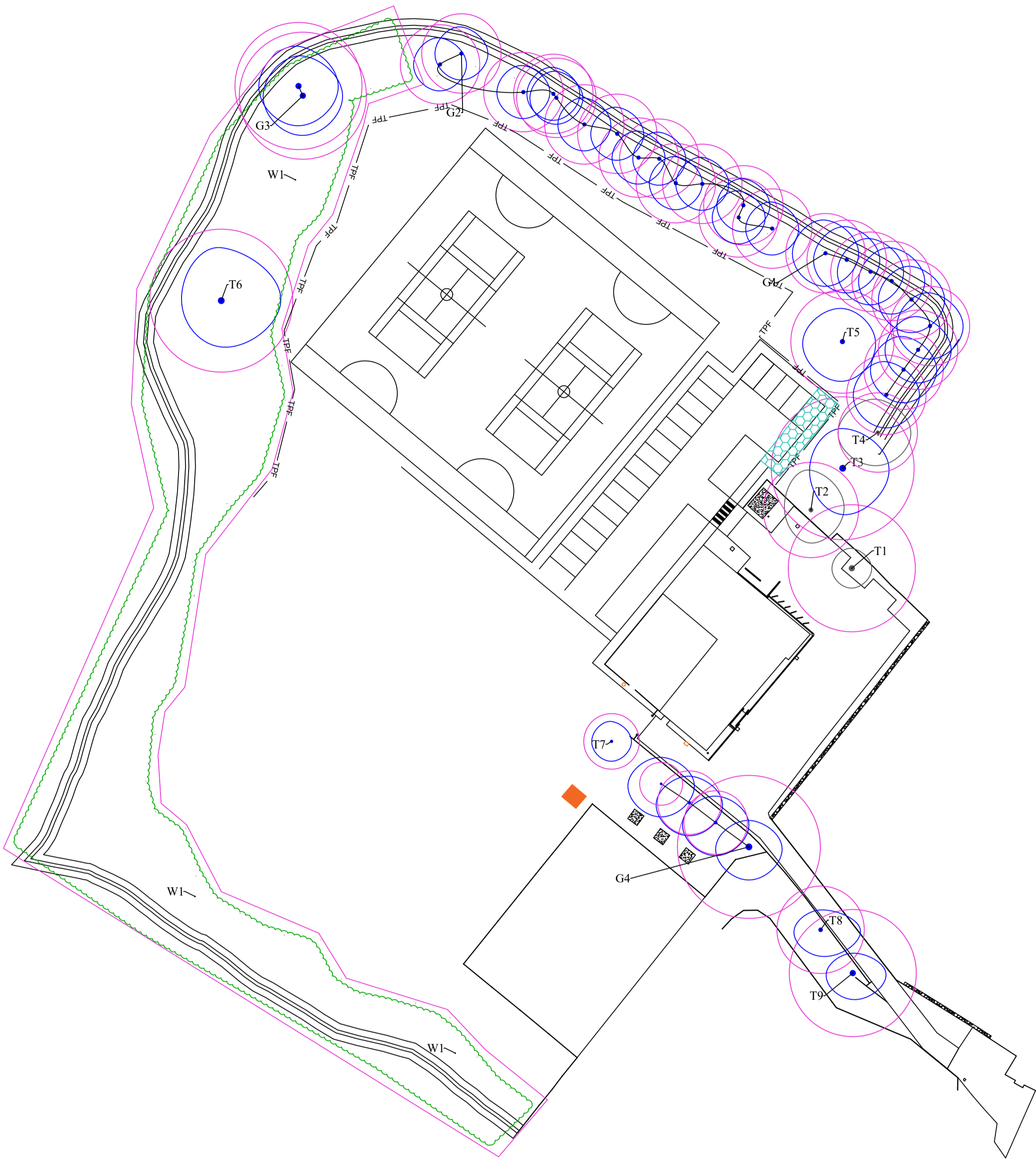
KEY

-  T1 Existing Tree colour referenced in accordance with BS 5837 2005.
-  Blue - Cat B Trees of moderate quality and value
-  Grey - Cat C Trees of low quality and value
-  Root Protection Area as calculated in accordance with BS 5837
-  Shade pattern as to BS:5837.

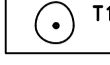
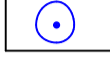
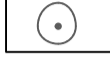

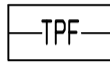



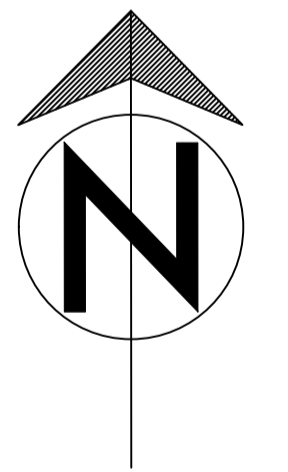
REV.	DATE	INITIALS	DETAILS

CLIENT c/o Locus Planning		DWG. TITLE Tree Constraints Plan	
SITE: Badwell Ash Village Hall			
DRAWN BY SPM	CHECKED BY SPM	SCALE 1:500 @A1	DATE March 2024
DWG NO. OAS 24-050-TS01	REV. .		



KEY

-  T1 Existing Tree colour referenced in accordance with BS 5837 2005.
-  Blue - Cat B Trees of moderate quality and value
-  Grey - Cat C Trees of low quality and value
-  Root Protection Area as calculated in accordance with BS 5837
-  TPF Approximate line of protective fencing to be installed and maintained for the duration of construction works.
-  Area of permeable driveway to be installed.

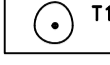
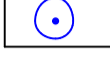
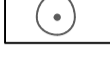

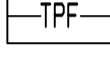



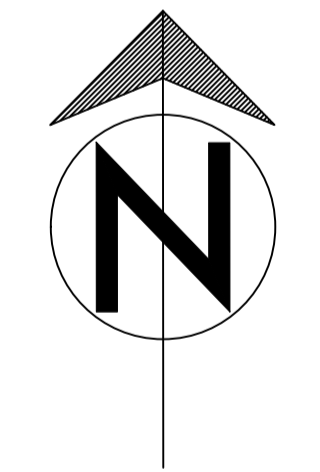
REV.	DATE	INITIALS	DETAILS

CLIENT c/o Locus Planning		DWG. TITLE Tree Protection Plan	
SITE: Badwell Ash Village Hall			
DRAWN BY SPM	CHECKED BY SPM	SCALE 1:500 @A1	DATE March 2024
DWG NO. OAS 24-050-TS02	REV. 		



KEY

-  T1 Existing Tree colour referenced in accordance with BS 5837 2005.
-  Blue - Cat B Trees of moderate quality and value
-  Grey - Cat C Trees of low quality and value
-  Root Protection Area as calculated in accordance with BS 5837
-  TPF Approximate line of protective fencing to be installed and maintained for the duration of construction works.
-  Area of permeable driveway to be installed.



REV.	DATE	INITIALS	DETAILS					
CLIENT c/o Locus Planning				DWG. TITLE Tree Protection Plan				
SITE: Badwell Ash Village Hall								
DRAWN BY SPM	CHECKED BY SPM	SCALE 1:250 @A1	DATE March 2024	DWG NO. OAS 24-050-TS03	REV.			