

M D LANDSCAPE ARCHITECTS



Arboricultural Method Statement

Twibell Street, Barnsley S71 1DL

May 2020

3 Hanover Terrace
BATH
BA1 6LJ
Tel. 01225 445107
Mob. 07748 693208
E-mail; mdd@mdd-land.co.uk

This Method Statement comprises:

1. Method Statement Document.
2. Appendices
 - I. Tree Protection Specification.
 - II. Tree Protection Site Notice
 - III. Project Arboriculturalist Site Visit Report Form
 - IV. Tree Protection Plan by Betts Ecology and Estates.

Full Site Address:

Twibell Street
Barnsley
S71 1DL

Proposed Development:

Construction of new builders merchant with counter and storage facilities on site of former council depot.

Existing above ground structures have previously been demolished and the demolition material levelled on site above the concrete floor slab and concrete yard areas which have been retained.

Contacts:

Client: Venture Business Space Limited.
93 – 95 Alfred Gelder Street
Hull
East Yorkshire HU1 1EP
for the attention of Andy Hayton
Email: andyh@allenbycommercial.co.uk

Architect: Guy Dawson,
Dixon Dawson Chartered Architects
28 Kenwood Park Road
Nether Edge
Sheffield, S7 1NF.
Tel: 0114 2683888 M 07966 487870 Email: sheffield@dixondawson.co.uk

Contractor: Allenby Commercial Construction Ltd..

Contracts Manager: Mr. Paul Swallow
Tel: 07498 322312 E: pauls@allenbycommercial.co.uk

Project Arboriculturalist: To be confirmed.

Arboricultural Officer: Barnsley Planning Authority.
Barnsley MBC,

PO Box 634,
Barnsley S70 9GG
T 01226 773555

Brief.

M D Landscape Architects were instructed by Guy Dawson of Dixon Dawson Architects to provide an Arboricultural Method Statement for the proposed development.

Tree Survey and Plans.

This Method Statement has been informed by the following information.

- * Arboricultural Survey and Impact Report and Tree Protection Plan carried out by Betts Ecology and Estates, March 2020 (Appendix IV).
- * Landscape Proposals drawing 191/PA/01A by M D Landscape Architects, March 2020.
- * Proposed Site Layout, drawing 8565s-02E by Dixon Dawson Architects.

Trees to be Removed

T1, G2, T3, G4, G5, T6 & T7.

Dead sycamore in G10 is outside the Application Site Boundary but within the land ownership of the Applicant.

Works Requiring Tree Protection

Hard surfacing will sit within the Root protection Areas (RPA`s) of T9, G10, G11, G12 & T13

No pruning works are required to implement the development.

Type of Protection

- * Safety inspection of trees T8-T13 on the Northern boundary prior to commencement.
- * Tree Protective fencing
- * Tree Protection Site Notice
- * Surfaces installed using a `No Dig Construction` method above the Root Protection Area.

Sequence of Operations:

1. Pre-commencement Site Meeting.

Meeting of Appointed Contractor, Site Manager, Architect, Client, Local Authority Arboricultural Officer and project Arboriculturalist to discuss and agree site operations programme and tree protection.

2. Carry Out Tree Removal.

a. Meeting of Appointed Tree Surgeon, Site manager and project Arboriculturalist to discuss and agree tree removal and schedule of

works.

b. All tree surgery and removal will be carried out by a suitably qualified and experienced tree surgeon.

c. All works will be carried out to industry best practice and in accordance with BS3998.

3. Install Tree Protection Fencing.

a. Tree protection Fencing will be installed in the locations shown on the Tree Protection Plan ref. Betts Ecology and Estates.

b. The area between the Tree protection Fencing and the trees will be a Construction exclusion Zone (CEZ)

c. Tree Protection Fencing will be constructed to specification in the Arboricultural Survey and Impact report as BS5837:2012 Figure 3 using 2.0M weld mesh panels secured on rubber or concrete feet with stabilizer strut (Appendix I).

d. Site Notices will be securely fixed to the Tree Protection Fence panels (Appendix II).

e. Once installed the Tree Protection Fence will be inspected by the project arboriculturalist and a Site Visit report issued to the Local Planning Authority Arboricultural Officer (Appendix III).

f. There will be no movement of Tree Protection fencing unless it is overseen by the Project Arboriculturalist.).

g. Construction of hard surface within the CEZ involving removal of a section of Protective Fencing and building the new hard surface above the existing concrete platform will be overseen and approved by the Project Arboriculturalist.

4. Construction Works.

a. Construction of the new building will not require access to the CEZ.

b. The Root Protection Areas of trees T8-T13 will be protected where practical, by retaining the extant hard surfacing during construction of the new surface.

c. If any of the hard surface is removed prior to construction this will be carried out using a mini tracked digger. The digger will lift the existing hard surfacing `pulling back` across the surfacing. A `watching brief` will be maintained by the Project Arboriculturalist.

d. Any exposed ground within the Root Protection Area of trees T8-T13 to be left uncovered for more than two days or a week-end during periods of drought will be protected using damp hessian kept moist by a daily spray of water to prevent dessication of any roots below, will be inspected by the Project Arboriculturalist and site visit report submitted to the Local Planning Authority Arboricultural Officer.

e. Soil placement and grading above the Root Protection Area in the CEZ between the new hard surface and perimeter fence will be carried out by loose tipping from vehicles standing on the new hard surface and monitored by the Project Arboriculturalist.

f. Post holes for the new security fence within the Root Protection Area of T13 will be hand augured and monitored by the Project Arboriculturalist. Any roots over 50mm diameter encountered are to be retained where possible and the post hole relocated.

5. Installation of Services.

- a. Installation of services will not require access to the CEZ. Proposed route of electric supply for lighting to be re-routed outside the CEZ as required.

6. Removal of Tree Protection Fencing

- a. Tree Protection Fencing will only be removed once all works associated with the development have been completed. These include:
 - * Construction of the buildings and fitting out.
 - * Installation of services.
- b. Once the Tree Protection fencing has been removed the site will be inspected by the Project Arboriculturalist and a site inspection report issued to the Local Planning Authority Arboricultural Officer (Appendix III).

General Precautions

1. Site offices, welfare facilities and site storage compound will be positioned outside the CEZ. The location will be agreed between the Site manager and the Project Arboriculturalist prior to commencement of the project.
2. Any crane or plant for the manoeuvring of materials will be sited on locations agreed between the Site Manager and Project Arboriculturalist prior to commencement of the project. All crane operations should be conducted under the supervision of a banksman to ensure adequate clearance from the retained tree is maintained at all times.
3. No materials that are likely to have an adverse effect on tree health will be stored or discharged within 10M of the trunk of a tree that is to be retained.
 - Such materials include:
 - * Oil
 - * Bitumen
 - * cement
4. No fires will be lit.
5. Concrete will not be mixed or transported over unprotected ground, within 10M of the trunk of any tree.
6. In the event of unforeseen incidents occurring that may adversely affect or threaten the welfare or security of the trees, the resident Site manager shall inform the Project Arboriculturalist at the earliest opportunity and not more than one working day following the incident.
7. The Project Arboriculturalist will visit the site to inspect and assess the circumstances and make any appropriate recommendations. The Local Planning Authority will then be informed by the Project Arboriculturalist of such incidents and recommendations will be submitted for approval by the Local Planning Authority, initially verbally and then in writing.
8. A record of emergency incidents and works shall be maintained by the Project Arboriculturalist.

9. Incidents which may merit such contingency plans include:

- * Accidental / unauthorized damage to the limbs, roots or trunk of trees.
- * The spillage of chemicals within or adjacent to a Root Protection Area.
- * The discharge of toxins / waste within or adjacent to a Root Protection Area.
- * The unscheduled breaching of a tree protection barrier or CEZ.

10. Statutory wildlife obligations.

The Wildlife and Countryside Act 1981 as amended by the Countryside and Rights of Way Act 2000 provides statutory protection for birds, bats and other species that inhabit trees.

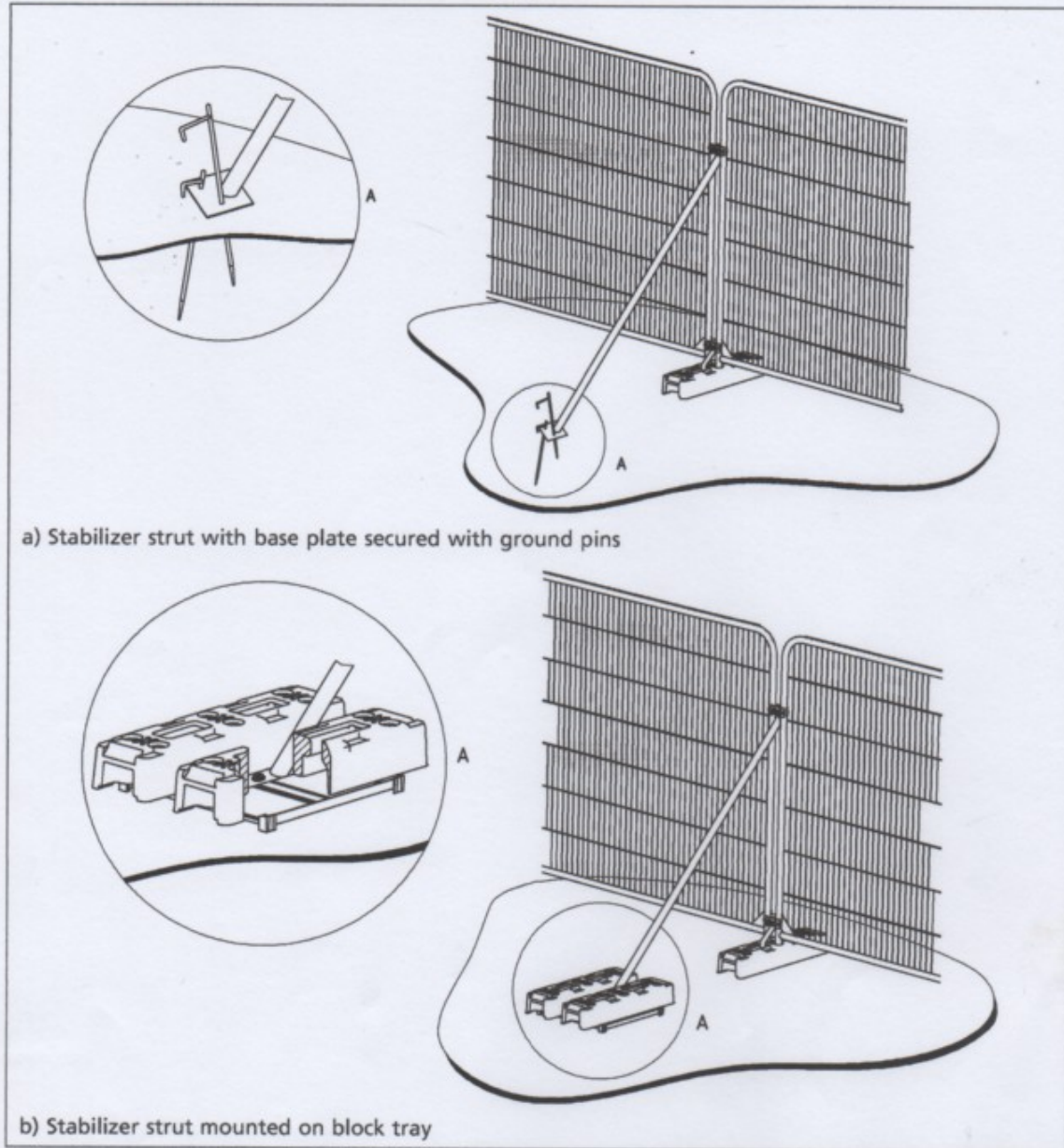
All wild birds are protected by law under the Wildlife and Countryside Act 1981 and it is an offence to intentionally disturb, injure or kill a nesting bird or to take, damage or destroy an occupied nest or egg. If nesting birds are discovered, works on the trees should be deferred until the nests are abandoned. Care should be taken during any felling operation or surgery works to trees to avoid damage or disturbance to birds during the nesting season.

It is also an offence to kill, injure or take a bat or recklessly damage, destroy or obstruct access to any place that a bat uses for shelter or protection. Under the Habitat Regulations it is an offence to damage or destroy a breeding site or nesting place of any bat.

All tree work operations are covered by these provisions and appropriate advice must be obtained before undertaking any works that might constitute an offence.

Appendix 1. Tree protection specification to BS5837:2012 Figure 3.

Figure 3 Examples of above-ground stabilizing systems



Appendix II. Tree Protection Notice.

All weather notices will be attached to all protective tree barriers with the words:
`CONSTRUCTION EXCLUSION ZONE – NO ACCESS`



**PROTECTIVE FENCING. THIS
FENCING MUST BE
MAINTAINED IN ACCORDANCE
WITH THE APPROVED PLANS
AND DRAWINGS FOR THIS
DEVELOPMENT.**



**TREE PROTECTION AREA
KEEP OUT !**

**(TOWN & COUNTRY PLANNING ACT 1990)
TREES ENCLOSED BY THIS FENCE ARE PROTECTED BY
PLANNING CONDITIONS AND/OR ARE THE SUBJECTS OF A
TREE PRESERVATION ORDER.
CONTRAVENTION OF A TREE PRESERVATION ORDER MAY
LEAD TO CRIMINAL PROSECUTION**

**ANY INCURSION INTO THE PROTECTED AREA MUST BE
WITH THE WRITTEN PERMISSION OF THE LOCAL
PLANNING AUTHORITY**

Appendix III. Project Arboriculturalist Inspection Report Form:

Date of Site Inspection:

Present:

Purpose:

Background:

Assessment:

Summary:

Signed (Arboricultural Supervisor)

DD/MM/YY

Appendix IV. Tree Protection Plan by Betts Ecology & Estates Ltd.