



**Chinley, Buxworth and Brownside Parish
Council**

New Chinley Community Centre

**0008 Method Statement for the Protection
of Trees During Construction**

January 2022



Copyright and Non-Disclosure Notice

The contents and layout of this report are subject to copyright owned by D3A (© D3 Associates Limited 2016) save to the extent that copyright has been legally assigned by us to another party or is used by D3A under licence. To the extent that we own the copyright in this report, it may not be copied or used without our prior written agreement for any purpose other than the purpose indicated in this report.

The methodology (if any) contained in this report is provided to you in confidence and must not be disclosed or copied to third parties without the prior written agreement of D3A. Disclosure of that information may constitute an actionable breach of confidence or may otherwise prejudice our commercial interests. Any third party who obtains access to this report by any means will, in any event, be subject to the Third Party Disclaimer set out below.

Third-Party Disclaimer

Any disclosure of this report to a third-party is subject to this disclaimer. The report was prepared by D3A at the instruction of, and for use by, our client named on the front of the report. It does not in any way constitute advice to any third-party who is able to access it by any means. D3A excludes to the fullest extent lawfully permitted all liability whatsoever for any loss or damage howsoever arising from reliance on the contents of this report. We do not however exclude our liability (if any) for personal injury or death resulting from our negligence, for fraud or any other matter in relation to which we cannot legally exclude liability.

Document Revisions

No.	Details	Date
1	Final	Jan 2022



Report for

Georgina Cooper
Clerk to Chinley, Buxworth and Brownside
Parish Council
Parish room
3 Lower Lane
Chinley
High Peak SK23 6BE

Main Contributors

Paul Haverson – d3associates
Geoff Robinson– d3associates

Issued by

.....
Geoff Robinson

Approved by

.....
Paul Haverson

D3 Associates Limited

Mallan House
Bridge End
Hexham
Northumberland
NE46 4DQ
England
Tel: +44 (0) 1434 610 434

**Chinley, Buxworth and Brownside
Parish Council**

**New Chinley
Community Centre**

**Method Statement for
the Protection of Trees
During Construction**

January 2022

D3 Associates Ltd

d3associates





Contents

1.	Introduction	1
2.	Guidelines for filling in the Method Statement	1
3.	Agreement to protect trees	1
4.	Drawings	2
5.	Project Details	2
6.	Specification for protection to existing trees: General	3
7.	Specification for protection of trees during trenching works	3
8.	Specification for hard surfaced area construction within tree rooting zones	5
9.	Order of Works	6
10.	Site monitoring	7

d3associates





1. Introduction

This Method Statement has been prepared by d3associates Ltd (d3A) on behalf of Chinley, Buxworth and Brownside Parish Council.

It has been prepared to ensure that the existing trees and shrubs are properly protected throughout the development of the site and continue to represent a visual amenity in the future. It instructs all contractors on methods to avoid damage to the trees.

The Method Statement recommends all development within influencing distance of trees is carried out in accordance with BS5837:2012 *Trees in relation to design, demolition and construction - Recommendations*. Any development affecting trees must be supervised by an arboricultural consultant.

2. Guidelines for filling in the Method Statement

The following information is included:

- The roles and contact details of those involved.
- Specification for protection to existing trees: General.
- Specification for protection of trees during trenching works.
- Specification for hard surfaced area construction within tree rooting zones.
- Order of works.
- Site monitoring.

Developers should enforce the methods of protection identified within the statement. All contractors must also agree to them. Any failure to comply with them must be dealt with by the developer e.g. disciplinary action against operatives seen within the protected area.

The people listed are those with a responsibility for tree protection on the site and from the Local Planning Authority. The relevant people should be contacted in the event of a problem.

3. Agreement to protect trees

The developer has agreed to undertake tree protection to the standard advised in the Method Statement. Every contractor on site must receive a copy of the statement and abide by its contents.

4. Drawings

This Method Statement should be read in conjunction with drawing number 2002 Landscaping Strategy.

5. Project Details

Project Name:	Chinley, Buxworth and Brownside Parish Council – New Chinley Community Centre
Employer:	Chinley, Buxworth and Brownside Parish Council Parish Room 3 Lower Lane Chinley High Peak SK23 6BE
Contact:	Mrs Georgina Cooper
Architect:	D3 Associates Ltd Mallan House Bridge End Hexham Northumberland, NE46 4DQ
Contact:	Geoff Robinson Email geoff@d3-associates.co.uk tel 01434 610 434
Principal Contractor:	To be appointed
Contract Manager:	To be appointed
Site Agent:	To be appointed
Safety Advisor:	To be appointed



6. Specification for protection to existing trees: General

The recommendations in BS 5837 (2005), Trees in Relation to Construction must be complied with at all times.

No pruning, lopping, felling or severance of roots is to take place without prior consent of the local authority.

Any works to the existing trees are to be carried out by a fully qualified tree surgeon and in accordance with BS 3998 (1989) Recommendations for Tree Work.

The position and detail of the protective fencing must be agreed with the local authority prior to site works commencing. The position of the fence is generally to be at the full extent of the root protection area or as shown on the tree protection plan.

Under no circumstances must any materials be stored under the canopy of existing trees, and no cement, diesel or oil stored near to them.

No fires should be lit within 5m of existing trees.

No ropes, cables, services, or notice boards shall be fixed to existing trees.

The levels around existing trees must be neither raised nor reduced, unless in compliance with the specifications for driveway construction and trenching works within this Method Statement.

Scaffolding may only be erected within protected areas if it is done so in accordance with BS 5837 (2005) and with prior consent of the local authority.

No services under existing tree canopy spreads should be laid without prior approval and proper supervision. All work in this respect shall be in accordance with the specifications for trenching works within this Method Statement.

7. Specification for protection of trees during trenching works

Any trenching works required to accommodate services shall be dug by hand away from the bole of the trees.

So as to minimise damage to the roots of the trees, it is proposed that any trenches are excavated as narrow as possible.

Topsoil and subsoil excavated from the trench shall be deposited into separate stacks and kept apart until the backfilling operation commences.



No roots over 25mm in diameter are to be severed without prior agreement from the local authority.

Where it is necessary to sever roots below 25mm in diameter, their ends shall be cut cleanly and treated with an approved fungicidal sealant.

Services shall be carefully positioned in the trench without causing any damage to the tree roots.

Once the pipes or cables have been positioned, backfilling shall be carried out by hand using the subsoil firstly. The subsoil shall be backfilled into the trench in layers of no more than 100mm deep and each layer shall be gently consolidated by treading the surface. Once the subsoil backfilling has reached the level of the top of the existing subsoil, topsoil backfilling shall commence. Topsoil excavated from the trench shall similarly backfilled into the trench in layers of no more than 100mm deep and each layer shall be gently consolidated by treading the surface. Topsoil shall be backfilled into the trench until original ground level is reached. It is important that no voids are left and that the soil completely surrounds the roots. When a trench is excavated under a driveway, excavation and backfilling shall be undertaken as described here, but the "Specification for hard surfaced area construction within tree rooting zones" within this Method Statement shall be applied for the surfacing.

All works shall comply with the National Joint Utilities Group 10 Guidelines, where relevant.



8. Specification for hard surfaced area construction within tree rooting zones

The work as detailed within this Method Statement shall be under the supervision of the arboriculturist or the landscape architect. Full liaison between all parties, comprising the contractor, sub-contractors, the arboriculturist, the landscape architect and the local authority, will be undertaken at all stages of the work. All works shall be in compliance with attached detail.

All excavation works for the purposes of constructing new hard surfaced areas will be undertaken by hand-digging within the protective zone of existing trees as defined in BS5837 (2005).

No machinery or powered tools are to be used at any stage of excavation works, unless agreed with the local authority.

The depth of the excavation zone shall not exceed 100mm in any instance unless approved by the local authority.

All tree roots will be exposed and located by hand. Tree roots of 20mm diameter and above found within this zone are to be retained, undamaged.

All stones and debris above 20mm diameter are to be removed from the finished level and removed to tip.

The finished level shall not be compacted.

All construction work shall be undertaken by hand.

Once the topsoil has been stripped to a depth of 100mm a permeable geotextile membrane (Terram or similar approved) shall be laid over the rooting layer, allowing 300mm overlap on all edges.

Geoweb 100 shall be laid over the membrane, in accordance with the manufacturer's specification. The infill material shall be lime free crushed stone.

Block pavements or other approved modular paving shall be laid on sand over the Geoweb 100 all in accordance with the manufacturer's specification, and with joints filled with brushed dry gritsand. The edge restraint shall be Marshalls Keyform with 250mm driven spikes or timber edgings, 38mm x 150mm boards, and fixed with 75 x 75 x 750mm posts.

OR

A top dressing of ornamental amber flint, with a nominal size of 6mm, shall be spread to a depth of 50mm over crushed stone/Geoweb. The edge restraint shall be timber, 38mm x

150mm boards, fixed to 75 x 75 x 750mm posts.

OR

A wearing course of 100mm crushed gritstone laid to crown or crossfall. The edge restraint shall be timber 38mm x 200mm boards fixed to 75 x 75 x 750mm posts.

Levels under the tree canopy shall not be raised. Only the edge restraint shall be blinded over with soil and seeded as required.

9. Order of Works

	Works to be Undertaken	Date Actioned/ Approved	Actions By
1	Method statement received and approved by Local Planning Authority		LPA Arb Officer
2	Protective fencing erected		Contractor
3	Confirm the fencing is acceptable		LPA Arb Officer
4	Development begins		Client/d3a
5	Fence monitored and repaired if necessary		Contractor
6	Meetings to confirm the site is acceptable, as necessary		Site Manager/ LPA Arb Officer
7	Excavate service trenches		Contractor
8	Relocation of protective fence to allow construction of hardstandings/driveways		Client/d3a
9	Confirm the relocated protective fences are acceptable		LPA Arb Officer
10	Remove protective fencing		Contractor
11	Undertake possible remedial pruning.		Arboricultural Contractor
12	Experts present where problems exist or where special protection measures are required		LPA Officer/ LPA Arb Officer

13	All special protection features supervised by Landscape Architect		Landscape Architect
----	---	--	---------------------

10. Site monitoring

This is to be undertaken at the following set intervals, where relevant:

- Erection of protective fence
- Trench excavation
- Relocation of protective fence
- Driveway/hardstanding construction

Date	Comments	Client/d3a	LPA Officer

d3associates

