



IAIN TAVENDALE F.Arbor.A.

ARBORICULTURAL CONSULTANT

PROVISION OF DRAINAGE EASEMENT THROUGH ROOT PROTECTION AREA OF RETAINED TREES.

SAUNDERSON ROAD, PENISTONE – ORION HOMES

METHOD STATEMENT

METHOD STATEMENT FOR PROTECTION OF TREE ROOTS BY HAND DIGGING DRAINAGE ROUTES.

ABOUT THE METHOD STATEMENT

This method statement has been prepared to ensure that the tree indicated for retention is properly protected throughout the installation of the drainage routes and continues to represent a visual amenity in the future. It is intended to instruct all contractors on methods which will help to avoid damage to the tree.

The method statement recommends all development within influencing distance of trees is to BS5837:2012 Trees in Relation to Design, Demolition and Construction – Recommendations. Any pruning works must be to BS3998:2010 Tree Work - Recommendations and be undertaken by an approved arboricultural contractor. Any development affecting trees must be supervised by an approved arboricultural consultant.

All works have been discussed with the Client and their advisors to ensure that they are achievable and that all operations will be undertaken in a controlled and responsible manner.

GUIDELINES FOR FILLING IN THE METHOD STATEMENT

The method statement identifies:

- the order in which works are undertaken and the roles of various people involved;
- the contacts and others responsible for protection of trees;
- relevant plans and approvals;
- detailed methods of tree protection and details for monitoring site supervision.

The following information is submitted with this Statement or has been submitted as part of the application bundle:

- Preliminary Drainage Strategy Drawing N16417-220 Rev P3 Patrick Parsons
- Tree Survey and associated drawings.
- Sheet for monitoring site supervision.
- General Site Comments / Notes.

This method statement has been prepared in response to the Tree Officer, Edward Jowetts' consultation 21/08/18.

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METHOD STATEMENT

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

SITE NAME	Saunderson Road, Penistone.
DEVELOPER	Orion Homes Ltd
ADDRESS	5 Benton Office Park, Bennett Avenue, Horbury, Wakefield WF4 5RA
TELEPHONE NUMBER	01924 831030
APPLICATION NUMBER	2018/0800

AGREEMENT TO PROTECT TREES

The Contractor has agreed to undertake tree protection to the standard advised in the method statement.

PROTECTED AREA

The trees are protected within fencing erected as identified in the attached notes. To avoid damage, **the following points MUST apply within the protected area:**

1. No material should be stored.
2. No cement, diesel or oil should be stored.
3. No vehicles should pass or be parked.
4. No ropes, cables, services or notice boards should be fixed to existing trees.
5. No levels should be changed.
6. No fires should be started with 5m of the protected area.
7. No services should be laid without prior approval and proper supervision.

METHOD STATEMENT

ORDER OF WORKS

	WORKS TO BE UNDERTAKEN	DATE APPROVED	ACTIONS BY
1	Method statement received and approved by Local Authority		Contractor Local Authority Tree Officer.
2	All pruning work as indicated in the submitted Tree Survey and drawings all as approved by the Local Planning Authority to be implemented.		Arb Contractor Arb Consultant
3	Protective fencing within site to be amended to permit contractors into the expected root protection area of T1 for excavation purposes. High visibility fencing to be temporarily erected to either side of the work zone to discourage pedestrian movements outside work area.		Contractor.
4	Fencing modifications to be advised to Local Authority Tree Officer.		Contractor.
5	Site (Toolbox) meeting to go through Method Statement and ensure that all parties are fully conversant with all procedures and methodologies, clarify any queries and establish contacts.		Contractor, Arb Consultant & Architect.
6	Exact line of drainage routes to be marked on site. Manual excavations commence. Project Arboriculturalist to be present when works within vicinity of trees commences.		Contractor
7	Roots exposed smaller than 25mm diameter may be pruned back making a clean cut with secateurs or similar, roots occurring in clumps or of 25mm diameter and over should be retained unless otherwise agreed with Project Arboriculturalist. Exposed roots to be covered / wrapped to prevent desiccation.		Arb Consultant. Contractor
8	Drainage pipes installed and trenches backfilled as soon as reasonably possible gently firming soils around all retained roots once wrappings removed.		Contractor / Arb Consultant

9	Consultant to be contacted should any problems/complications arise during operations if not present on site. Work in vicinity of trees to cease until issues are resolved and agreed works confirmed to Local Planning Authority.		Arb Consultant Contractor
10	Site resurveyed once development approaches completion, any necessary amendments made to tree survey.		Arb Consultant
11	If necessary application submitted to Local Authority for consent for any additional works, and agreement obtained.		Arb Consultant
12	When all manual operations completed temporary high viz fencing to be removed and main site protective fencing to be reinstated.		Contractor
13	Tree officer advised that all operations have been completed.		Contractor.

METHOD STATEMENT

CONTACTS

POSITION	NAME	ADDRESS	TELEPHONE NO.
Contractor	Orion Homes Ltd.	5 Benton Office Park, Horbury, Wakefield, WF4 5RA	01924 831030
Site Manager	TBC		
Arboricultural Consultant	Iain Tavendale	High Bank Farm, Earby, Lancs BB18 6LD	01282 853333
Arboricultural Contractor	TBC		
Local Authority Tree Officer	Mr Edward Jowett	Level 1 Westgate Plaza One PO Box 604 Barnsley S70 9FE	01226 775721

Method Statement Monitoring Form.

Land off Saunderson Road, Penistone.

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**Comments / Notes on Installation of Drainage in Manually Excavated Service Routes.
Land off Saunderson Road, Penistone.**

Drainage pipes are required to be installed in the north east corner of the site leading under the existing boundary wall and to the north of T1 to join into existing service routes within the adjacent roadway.

The required design necessitates encroaching into the expected root protection area of T1, Yew and as such appropriate precautions are necessary to avoid harm to the root system that in turn could result in the loss of the tree.

The client has, after discussions with engineers and contractors agreed that the trenches within the expected root protection area can be manually excavated and will instruct the Project Arboriculturalist to be present on site during operations to ensure that all works are carried out correctly and responsibly.

The appended Method Statement address all relevant timings, personnel and methodologies.

The site level is below that of the adjacent roadway and due to the presence of the substantial boundary wall and necessary foundations, the root protection area within the site may not contain the normal expected root mass.

Regardless, the trenches will be manually excavated unless there is clear evidence that roots have been effectively prevented from entering the site and all due care will be exercised.

Within the adjacent roadway roots would be expected within the grass verge but again root presence beneath the road surface may well have been compromised due to the impervious and compacted surfacing and the presence of existing services.

Again, all works will be fully monitored and unless otherwise determined, will be manually implemented.

All works will proceed in accordance with BS5837:2010 Trees in relation to design, demolition and construction – Recommendations Section 7.2 et al.

