

W Laing Contractors

Method Statement Pertaining to the The Felling and Removal of timber from and around Carnbane Castle Glenlyon

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1.0	<p><u>SCOPE OF WORK</u></p> <p>Felling various trees Cutting up and removing windblown timber Applying herbicide to stumps</p>
2.0	<p><u>SAFETY AWARENESS</u></p> <p>All operatives will be inducted onto the site A safety briefing will be given and safe working procedures explained <u>All operatives will be given a thorough brief on the locations of possible archaeological remains on the site stressing the need to protect these areas from possible damage</u></p> <p><u>METHOD OF WORK</u></p>
3.0	<p><u>Area</u></p> <p><u>The Gully and the large Beech Tree</u> The small trees outwith the protected area will be felled to form a protection mat The Beech tree will be felled using directional felling The tree tends to lean to the areas that the small trees will be felled onto The large limb on the beech tree will be partially cut through, causing the limb to fracture when the tree is felled (preventing it puncturing the ground and minimising damage to any buried archaeological artefacts) After felling, all trees will be winched downhill for removal to agreed lay-down area We will attempt to remove the large pieces of windblown timber in the same operation</p> <p><u>The Top of The Gully</u> The small oak tree will be felled using a winch rope to tension the tree thus causing it to fall into a non-archaeological area</p> <p><u>The Western Boundary</u> Normal felling procedures will be applied using directional felling via a winch (if required)</p> <p><u>Plateau/yard to south of Castle</u> Trees will be felled using standard methods (chain saw felling) Windblown timber will cut into manageable sizes to allow removal by hand</p> <p><u>Southern Boundary</u> Trees felled using directional felling then winched down to forwarder for removal</p> <p><u>General</u> Herbicide will be applied to stumps</p> <p><u>Additional works</u> Sapling will be cut from the walls of the castle using a pole saw Herbicide will be applied to the cut stumps in the wall using a ladder for access (where safe to do so)</p>

4.0	<u>LABOUR, PLANT AND MATERIALS</u>
	<p>Labour 2 No Plant operators 2No Chain saw operators</p> <p>Plant & Tools 1 No Grapple Skidder 1 No 890 Vallnet Forwarder 2 No Chain Saws</p> <p>Materials Fuel</p>
5.0	<u>REFERENCE DOCUMENTS</u>
	<p>Documents: CITB GE700 – Construction Site Safety</p> <p>Prerequisites: An accepted method statement. Risk assessment specific to the operation. All necessary plant and resources to enable the works to proceed.</p> <p>Relevant Law: Health & Safety at Work Act 1974. Construction (Health, Safety & Welfare) Regulations 2007 Environmental Protection Act 1990. Health & Safety (First Aid) Regulations 1991. Management of Health and Safety at Work Regulations 1999. Manual Handling Operations Regulations 1992. Personal Protective Equipment at Work Regulations 1992. Provision and Use of Work Equipment Regulations 1998. Reporting of Injuries, Diseases & Dangerous Occurrences Regulations 1995. Workplace (Health, Safety & Welfare) Regulations 1992.</p>
6.0	<u>PREVENTATIVE MEASURES / PPE</u>
	<p>The following measures will be implemented BEFORE the commencement of the works:</p> <ul style="list-style-type: none"> • All personnel to attend Main Contractor Site Induction prior to starting work. • All plant operative's certificates to be checked. <p>The following measures will be implemented DURING the works:</p> <ul style="list-style-type: none"> • All personnel will observe the utmost care in all operations to ensure the safety of persons involved in the works or likely to enter the vicinity of the works. • All work will be carried out in accordance with the Health & Safety at Work Act 1974.

	<ul style="list-style-type: none"> • Hard hat, Hi-vis Vest and Safety footwear to be worn at all times. along with any additional PPE required • First Aider to be available at all times with appropriate first aid equipment. • Signs and barriers should be placed around the works to prevent the public or from entering the working area.
7.0	<p><u>Environmental issues</u></p> <p>Archaeological artefacts present on site</p>
	<p>Ensure that no spillage of fuels or oils occur</p>
8.0	<p><u>RISK ASSESSMENT</u></p>
	<p>A risk assessment has been carried out and is appended to this method statement</p>
9	<p><u>METHOD STATEMENT BRIEFING</u></p>
	<p>At least 2 weeks prior to commencement Historic Scotland will be given a timetable for the proposed works.</p> <p>All personnel involved with this work activity must be thoroughly briefed about the intended method of work, the potential risks involved and the control measures to eliminate/ reduce the risks. Personnel who are transferred to this contract at a later date must also receive a Method Statement Briefing</p> <p>All personnel involved in this work to sign Safety Briefing Record to confirm the Method Statement Briefing has taken place and the method of work is understood.</p> <p>If the method of work is revised a further Method Statement Briefing must be carried out.</p>

RISK ASSESSMENT FORM

Contract: Carbane Castle	Operation: Felling and removal of growing trees and wind blown timber
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HAZARDS (1)	PERSONS AFFECTED (2)	RISK (3)			CONTROL MEASURES (4) (list control measures that are provided and required)	RISK (5)		
		L	S	R		L	S	R
Injury caused by operating Working with plant	Site operatives	M	H	M	Only NTPC trained operatives will operate plant Certificates held on site Full PPE will be worn during the works Goggles safety gloves, safety boots as a minimum	L	H	L
Interface with members of the public with the risk of injury	Member of the public work force	M	H	M	warning signs to exclude members of the public during loading/unloading and cutting operations	M	H	L
Spillage of fuels or oils	Environmental issue Damage to archaeological remains	P	M	M	Spill kit will be available during refuelling operations All archaeological areas to be identified by the client	P	L	L
Injury caused through working with chain saws	Operators	P	H	M	Carry out Pre checks of saws prior to starting 1 check blade brake is applied 2 check Chain	P	H	L
Person Completing Assessment:	S Godfrey			Date 21/9/15				
Person Reviewing Assessment:	W Laing			Review Date:		As works progress		

NB: NO OPERATION MUST BE CARRIED OUT UNTIL ALL THE CONTROL MEASURES IDENTIFIED IN THE RISK ASSESSMENT ARE IN PLACE

