

STONEWORKS

Method Statement and Risk Assessment for Dry Stone Walling

DRAFT

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1. Scope and method of work

The method statement relates to the safe way in which Stoneworks will conduct drystone wall construction work in a safe and proper manner.

Method of Work

Stages of the work we will be undertaking

- Arrival on site.
- Get to place of work. The area will be assessed to ensure a safe route is possible. Vehicles will be parked in the correct location and where required High Visibility clothing will be worn at all times.
- All Stoneworks Wallers to be DSWA certified or actively working towards qualification.
- Wall to be built as per specification, to a high standard following traditional dry stone walling standards
- Steel toe capped boots will be worn at all times.
- Any equipment brought onto site will be unloaded in a safe area and near the area of work.
- An area for waste will be established and any waste materials generated will be kept in this area. Waste materials will be removed off site by Stoneworks unless it is agreed with the client that their waste facilities can be used.
- Gloves will be worn when handling and transporting any materials.
- Stones will be lifted into the correct position. Heavy or awkward shaped stones will be lifted by two people or by machine as appropriate.
- Any issues that arise during the job will be discussed with the client before continuing.
- No work will be started if there is a risk to the health and safety of any Stoneworks staff or subcontractors or any other contractors or visitors who maybe on site.
- Any machinery is to be operated by certified operatives only.

2. Project Organisation for Health and Safety Control

All Stoneworks staff will be fully trained in the work they are doing. They can contact Stoneworks at any time.

Title	Name	Contact No
Stoneworks Owner & Supervisor	Steve Denham	██████████

All dry stone walling work will be overseen by Steve Denham. All staff report to him and are instructed to report any Health and Safety issues immediately.

All staff and subcontractors will receive a copy of this method statement and will work in accordance to it.

3. Health and Safety risks and controls / Assessment

Task	Building and repair of dry stone walling and general stone masonry	Description of task and frequency	Stoneworks will turn up to site and perform dry stone walling. This is the core business of Stoneworks and all employees are well experienced in this task which they do on a daily basis.
Assessment covering	Stoneworks and all their employees and sub-contractors.		

Task	Describe Hazard and possible Harm	Describe who might be harmed	List ALL existing controls	Risk Rating			Further Action Required
				Likelihood	X consequence	RR	
Lifting / Transporting stones	Failure to lift stones correctly could result in serious muscular damage or impact damage from dropping the stones	All Stoneworks staff	<ul style="list-style-type: none"> ■ Wherever possible stones are lifted by mechanical means. ■ Heavy stones will always be lifted by two people. ■ All staff have General Manual Handling Training ■ All staff will wear suitable PPE to include steel toe capped boots 	2	3	6	.None
Lifting /Transporting Stones	Sharp edges and awkward shaped stones could cause cuts to hands	All Stoneworks staff	<ul style="list-style-type: none"> ■ Gloves will be worn whilst lifting and transporting stones 	1	2	2	None
Moving around site, often uneven/ wet ground	Uneven or wet ground could easily cause slips and trips.	All Stoneworks staff	<ul style="list-style-type: none"> ■ All staff are responsible for ensuring they have safe access to the walling area. ■ Correct footwear will be worn at all times with good grip. Worn out boots will be replaced as required ■ Area will be kept as clear as possible with designated area for stacked stones. 	1	3	3	None
Dressing Stone	Chips from stones could get into the eyes or hit the face and cause cuts. Stone dust could cause inhalation problems	All Stoneworks staff	<ul style="list-style-type: none"> ■ safety glasses will be worn whilst dressing stone ■ Dust mask will be worn when cutting stone. 	1	2	2	None

Scoring System. Likelihood 1=Highly Unlikely through to 5=Very Likely to happen. Consequence 1= Very Minor accident requiring no first aid through to 5= Fatal Accident
 RR = 1-5 Acceptable (no further action), 6-9 Ok to work but try to improve 10-16 Improve before starting work, 20 - 25 DO NOT undertake any work until extra controls put into place.

Task	Describe Hazard and possible Harm	Describe who might be harmed	List ALL existing controls	Risk Rating Likelihood X consequence			Further Action Required
				L	C	RR	
Working in adverse weather conditions.	The sun could cause sunburn /serious damage to the skin if working for long periods outside. Also the cold and wet weather could serious health issues such as hyperthermia.	All Stoneworks staff	<ul style="list-style-type: none"> ■ All staff will take frequent rest breaks in adverse weather. Protection from the sun /rain / cold can be obtained by sitting in the van/vehicle. ■ On hot sunny days sun hats/caps will be worn and sun cream will be applied to protect the skin. ■ In cold or wet weather correct protective PPE will be worn at all times. 	1	5	5	None
				2	2	4	
Dealing with Accidents	Failure to get emergency help or issue first aid could make any injury worse.	All Stoneworks staff	<ul style="list-style-type: none"> ■ All staff carry a mobile phone to get help if required ■ First aid kit carried in all vans 	1	5	5	None
Using Machinery	Drystone walling does not require much use of powered machinery however stihl saws and cement mixers maybe used. These can cause serious cuts or entanglement injuries.	All Stoneworks staff	<ul style="list-style-type: none"> ■ Any staff who operate the machinery will have the correct training for such machinery. ■ If the machinery is broken or damaged in any way it will not be used. ■ PPE will be worn at all times ■ Replacement blades for stone cutters will be replaced as and when required and only by trained staff. 	1	4	4	None

Use of chemicals	Cement, Lime and petrol are all handled and used. These can cause contact burns and in the case of petrol is highly flammable.	All Stoneworks staff & other contractors or people on site.	<ul style="list-style-type: none"> ■ A Chemical assessment will be completed for each chemical used. ■ Overalls and gloves will be used when handling cement and lime. ■ All chemicals will be stored correctly. Petrol will be stored in a metal storage can designed to hold petrol. 	2	3	6	None
Use of Diggers	Diggers may be used on site. These can cause serious injury.	All Stoneworks staff	<p>Any staff who operate the machinery will have the correct training for such machinery.</p> <ul style="list-style-type: none"> ■ If the machinery is broken or damaged in any way it will not be used. ■ PPE will be worn at all times 	1	5	5	
Site specific risks at Milltimber West	Working on steep slope. Possibility of slips and falls whilst working on steep slope.	All Stoneworks staff	All staff to wear suitable footwear. All staff instructed to avoid slope and stone to be moved up the slope by machine.	2	3	6	

Scoring System. Likelihood 1=Highly Unlikely through to 5=Very Likely to happen. Consequence 1= Very Minor accident requiring no first aid through to 5= Fatal Accident

RR = 1-5 Acceptable (no further action), 6-9 Ok to work but try to improve 10-16 Improve before starting work, 20 - 25 **DO NOT** undertake any work until extra controls put into place

4. Workplace access and egress

Access and to and from the site will be provided by the main contractor.

Access around the site will be assessed before starting work to ensure it is safe.

5. Workplace Lighting

Generally work is outside and natural light is suitable to do the task.

6. Plant Equipment

PPE

All PPE provided by Stoneworks will conform with the relevant standards and be fit for purpose.

Electrical Equipment

Any electrical equipment will be 110v

Mechanical Equipment

Any mechanical equipment used on site will be in good working order.

General Equipment

The following Equipment may be used as part of the job

- Cement mixer
- Stihl Saw
- Compactor plate

7. Personnel Training Certification

All staff have had manual handling instruction.

8. Hazardous Material and Substances

Three hazardous substances may be used during the work. A chemical risk assessment has been completed for each one.

Cement and lime

Gloves and protective clothing will be worn at all times when handling when cement

Petrol & Diesel

This will be stored in suitable metal containers. Petrol is only used to power equipment listed above.

9. Waste Management

General waste to be removed by Stoneworks. Other waste materials to be recycled where appropriate using main contractor facilities.

10. Special Control Measures

It is not anticipated any special control measures are required.

11. Contact Details

Emergency Services
Fire/ Ambulance – 999 or 112 from mobile or landline

Company Owner	Steve Denham	██████████

12. Communication of Method Statement

Details below show that person involved with of the method statement and understand their responsibilities within this document.

The method statement has been talked through with Stoneworks staff and subcontractors.

All employees or sub-contractors who do not work to this method statement when doing work on behalf of Stoneworks will be removed from site.

Employee Name (print)	Signature	Date
NATHAN DE VRIES		
CALUM SMITH		
CRAIG HIGGINBOTTOM		
DAVID MACLEAN		
STEVE DENHAM		