

Method Statement and Risk Assessment

Contact Number	07791720107	Contract Name	D.Wilkinson
TSMS No 1(Initial Method Statement)			
Dated	30/06/2014	Prepared by D.Wilkinson	For K&A Contractors Demolition
Issued to Client		13/08/2014	
Description/scope of the task to be undertaken. Hawkshead Mill			
For the demolition of single storey weaving sheds and two storey weaving sheds, which consists of timber roofs with cast stations with stone internal and external walls with concrete floors. Steel framed buildings with asbestos roof and walls and concrete floors.			
Supervisors for the works D.Wilkinson		Dave Wilkinson Demolition site manager to be appointed Contact numbers and for emergency contact D.Wilkinson 07791 720107	

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MEANS OF INGRESS + EGRESS/ROUTES TO AREA OF WORK. The whole site will be herras fenced off. (Including fire escape routes where applicable)

Access to the site will be off Hawkshead Lane

MEANS OF INGRESS + EGRESS/ROUTES TO AREA OF WORK. The whole site will be herras fenced off. (including fire escape routes where applicable)

Demolition will be to demolish single storey sheds by using off 360 degree excavator, separate timber and load into skips. Load stone into skips to be removed from site. Then by the same method the two storey sheds, the steel framed buildings with asbestos sheets, sheets to be removed whole by use of a scissor lift and placed into skips for removal to licensed tip. Steel will be cut down by sheer attachment on 360 degrees excavator.

This statement applies only to those buildings for which express planning consent has been granted to allow demolition. For the avoidance of doubt the building identified as “Building 1 “in the Westlakes Consulting Structural Survey Report dated 11th April 2014 is not to be demolished. This building will be made secure and care will be taken to avoid damage to its structure during the course of demolition works

The WW I memorial plaque affixed to building identified as “Building 2” in the Westlakes report will be removed intact and be stored. The proposed location of the storage of the plaque will be confirmed to the local planning authority before it is removed

No trees are to be removed during the course of the demolition works. Any existing trees on the boundary of the site are to be protected in accordance with British Standard BS 5837:2012 Trees in relation to design, demolition and construction. No below ground working whatsoever is to take place on the site, but in addition soil structure damage in the proximity of existing trees is to be minimised by avoiding excessive pedestrian movements or use of machinery which will lead to compaction.

The site is secured for K&A staff only.

Site welfare to meet with CDM Regulations will be located on site with connections to water and provided by K&A Contractors.

PPE TO BE PROVIDED BY K&A ISSUED TO ALL SITE STAFF

To suite the work but will include safety glasses, gloves, high visibility safety boots and helmets. Machine drivers are cab protected but will wear the appropriate PPE when driving.

Mask will be available for use and be worn depending on the risk of contamination and risk assessment at the time. Masks and overalls will be for asbestos removal –half masks FFP3.

The wearing of PPE is a site rule.

Ensure contact is not mad with vermin droppings.

Full body safety harnesses and lanyards will be issued to each person if working at height. However this will only be used as a last resort after our site manager has explored all other controls.

Ensure operatives are regularly medically checked.

Operatives to have full certifications.

SAFE WORKING PLACE PROVISIONS

Demolition will be within controlled zone

The site manager will set out safe boundaries

Demolition safety notice will be posted

Visitors will not be allowed onto the site unless they are escorted by K&A, visitors to be reported to site offices which are designated safety zones.

Welfare will be provided by K&A Contractors and be maintained to regulatory standards. All food to be eaten in the accommodation.

Water dust suppression will be used to reduce the risk of dust spread. The structure will be, where not already, soaked before and during demolition. Water is supplied at the point of demolition or take down.

Our staff is experienced trained and competent to undertake these work operation in a safe and controlled manner having carried out similar work on this site.

Operatives not allowed in the demolitions during areas of demolition

Controlled take down of gable walls

Ensure the section 80 is in place.

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PLANT AND EQUIPMENT

Main plant will be 180/360 machine track driven with attachments and dust suppression

Plant may be used:-

Bobcat

Cutting equipment

MEWPS IF REQUIRED

Large skips

Eight wheeled lorries noted site restrictions on space

Selection of small/large hand tools

Cutting equipment

All operators are trained and competent

Machinery is serviced direct by K&A

All plant will be operated by our licensed operatives

Our lifting equipment will be marked with the SWL

We will set up a 1.8M Herras fence in fence blocks (set up to prevent trip hazards)to the front boundary with existing fence line and brick boundary wall to be utilized for the rest of the site

Notices will be posted

No site crushing

COMMUNICATION

(LISTED HERE ARE SPECIAL EMERGENCY AND SITE PROCEDURES TO BE PROVIDED TO:

All persons on the site to sign in and out

Site manager can be contacted by mobile phone

Demolition notices will be posted. Section 81/2 posted when received. No work to start until received from LA

Regular discussions will take place on method statements and risk associated with the works with site staff or new site starters

Traffic route changes will be notified

Simple notification of 999 to be used for calling emergency help – first aiders will be on site at all times

Visitors to be accompanied whilst on site

Maintain co-operation and communication and co-ordination where required

Undertake dilapidation schedule of surrounding land use

Client to notify the neighbours of the demolitions
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ALL ACCIDENTS WILL BE ACTIONED BY Site manager under company procedures RIDDOR to be actioned by David Wilkinson
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MATERIALS/HOUSEKEEPING

(deliveries, storage, responsibilities for clean-up etc) Demolition materials will be sorted at the time of demolition into skip/wagon for removal off site. Removal will not be undertaken during busy usage of the pavement/road The demolition site will be left safe after demolition Disposal of granular insulation and any MMMF No material is to be lifted over the heads of site staff All materials will be stored in a safe manner on sound footing with safe zones Demolition cart away should be notified to the client for inclusions in the SWMP
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METHOD AND SEQUENCE OF WORK to be developed but will include –
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COMMENCEMENT

Erect appropriate tree protection barriers as described in British Standard BS 5837:2012 Trees in relation to design, demolition and construction. Check that all services are dead, united utilities have been notified of the works in proximity Set up a safe zone around the site, check the perimeter hedges/fence lines Protect neighbours property Ensure neighbours have been notified of the works Work to permits including a hot permit to work Re investigate the structures ensure there is no premature collapse Check to ensure the services are all dead and that underground service voids have been located. Ensure all services are dead Check that all drain downs are completed Check that ground had not been contaminated from leakages Check to ensure compliance with reports provided Confirm paperwork and notices are in place Ensure section 80 demolition notices are in place

SEQUENCE FOR THE DEMOLITION

Remove tiles by harness

Remove roof timber by harness

Soft strip

Take down machine, reverse of construction

Walls will be pulled in by machine

Break up take down floors and remove

The 360 will load materials into skips for off-site reclaim

Care will be taken to avoid any unnecessary disturbance of below ground structures

Sequence of ACM removal

1. Operatives who are to remove ACM roofing material will begin by putting on PPE as requested in this method statement which is disposable overalls fitted with hood, boots with no laces and respiratory equipment FFP3. Overalls to be type 5 cat 3 goggles and gloves.
2. Dampen the ACM and then cut bolts which hold the sheets in place.
3. Remove bolts and fixings carefully and place them into a double bagged 500 gauge polythene bags and seal and place into sealed lockable skips.
4. Carefully remove ACM sheets (in accordance with A14/A38) and lower to the ground and again double bagged or wrapped, sealed with duct tape attach asbestos stickers and then place into lockable enclosed skip ready for removal.
5. Any residue left will be cleaned with damp cloths, cloths then to be placed with disposable PPE into 500 gauge bags, double wrapped and placed in the enclosed skip for removal. This includes cleaning steel work prior removal.

Sequence of demolition after ACM removal

To cut down steel frame by use of sheet attachment on 360 degree machine

The demolition process will result in a site clear of all above ground potential hazardous materials and hazards. The demolition works will not involve the removal of foundations or underground structures. Where appropriate the site graded using inert material, ensuring that no above ground structures above 250mm in height are left standing proud of the ground level.

COMPLETION

Remove tree protection measures

Leave site safe and tidy

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IDENTIFIABLE RISKS RELATE TO THE WORK BEING CARRIED OUT – THE RISK IS HIGH WITH CONTROLS WILL COME DOWN IN HIGH/MEDIUM

The risks defined and to be controlled during the course of the works are listed below:-
(undertake the work in accordance with the company procedures and this method statement to reduce the risk)

Surrounding land use

ELive services

Not removing slates in line with company procedures

Premature collapse safe zones set up to accommodate

Safety of machine drivers. Drivers not to sit in vehicles being loaded

Not wearing required PPE

Grubbing up foundations

Falls of men/materials from height Falls onto the public and surrounding land Pigeon dirt etc Vermin MMMMF Foam insulation Glass Security of site and trespass in particular during the demolition. Leave safe after work Collisions on site, working traffic plan Hit by machine-provide a banks man Crossing pavements Protecting the public and surrounding property Dust/noise/vibration, dust blown over surrounding land use Proximity of the public to the boundary Working in inclement weather/wind Contact with live services Not draining down and purging existing services Falls of machines into underground holes ducts etc Contamination of surrounding land use	
SITE RULES Hours of work to be 8.00-18.00 No bonfires Eat only in the welfare and wash before eating Do not obstruct road/pavements Do not enter safe zones Wear PPE at all times and change when required and dispose of Make sure there is always adequate water for dusting down No loan working Site personal to sign on and off each day Waggons loaded to be covered after loading and before leaving site, banks man guided All drivers to be licenced Tools/plant/equipment to be operated only by competent trained users	Visitors not to enter site unless accompanied Keep RA/MS under review and discuss daily with all operatives Work with traffic pedestrian/routes Read the site emergency notices Liaise with domestic subcontractors on matters on site safety Ensure site staff can report matters of concern in particular of matters of health and safety Retain a copy of the current method statement. Revise if requires
Issue to client 13/08/2014	
NB this TSMS to be discussed in the presence of those noted down	
SITE OPERATIVE ISSUED WITH THIS METHOD STATEMENT (site staff to sign the register to acknowledge understanding of this method statement)	DATE OF ISSUE 13/08/2014
To be listed	
Hot work permit required – no site burning Y/N	Other permit to work required keep under review Y

(note where and when required)	(note type and where and when)
	Hoarding permits
D Wilkinson	Date
MS – Signed off	

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