

© Vince Norris Demolition Consultants. All Rights Reserved

SAFETY METHOD STATEMENT

DEMOLITION PHASE HEALTH

& SAFETY PLAN

Prepared By:

Vince Norris

Client:

Samantha Gupta
105 Colemans Moor Road

Project:

Detached bungalow, 105 Colemans Moor Road
Woodley

INTRODUCTION

This demolition phase Health & Safety Plan is prepared for: R J S Group Demolition

- (i) To give guidance to site based workers and supervisors on the development of the safety management controls and procedures specific to this contract.
- (ii) To assist in discharging the duties and responsibilities imposed by virtue or Regulation 16, CDM (Practical Contractors).
- (iii) To give tangible evidence to the Planning Supervisor that due regard and consideration has been given to the key elements in the pretender Health & Safety Plan.

The demolition phase Health & Safety Plan will, due to limited information in respect of the method of construction of the units, be subject to further developments, which may have design implications. In particular with regard to temporary works, other less critical elements are referred to and initial safe system of work are proposed. Where there is doubt or reservation such concerns are clearly flagged up.

We trust that this is a realistic and practical initial proposal.

INDEX

SECTION 1	Statement of Scope of Works
SECTION 2	Project Directories: Vince Norris Demolition Consultants. Client Team R J S Group Demolition
SECTION 3	Description of the Area
SECTION 4	Detailed Statement of the Structures to be demolished
SECTION 5	Site Establishment
SECTION 6	Sequence of Work
SECTION 7	Schedule of PPE
SECTION 8	Schedule of Plant
SECTION 9	Monitoring Arrangements
SECTION 10	Safe Working Above Ground Level
SECTION 11	Site Safety Rules
SECTION 12	Overlap with Other Contractors
SECTION 13	Occupational Health Controls
SECTION 14	Compiling Information for the Project Health & Safety File
SECTION 15	Method of Verifying the Status of Known Utility Services
SECTION 16	Method of Monitoring the Stability of Adjacent Structures - Permanent and Temporary
SECTION 17	N/A
SECTION 18	On site Safety Awareness Briefings

SECTION 1

STATEMENT OF SCOPE OF WORKS

- 1.** To demolish single story detached bungalow
- 2.** Project address: 105 Colemans Moor Road Woodley

SECTION 2

PROJECT DIRECTORIES

R J S Group Demolition Services

OFFICE DETAILS

24 The Grange Centre
Barkham Ride
Finchamstead

PERSONNEL

Vincent Norris	Demolition Consultant	Mobile Phone: 079800 24229
Vincent Norris	Safety Officer & Contract Administrator	Mobile Phone: 07980 024229
Richard Spencer	Site Agent & First Aider	Mobile Phone: 07827919715
Robert J Spencer	Contracts Manager & Fire Watchman	Mobile Phone: 07796821113

CLIENT'S APPONTED TEAM

OFFICE DETAILS

R J S Group Demolition

Contracts Manager – Richard Spencer

Mobile: 07827919715

Personnel Assistant – TBA

Mobile: TBA

Managing Director – Robert J Spencer

Mobile: 07796821113

Site Agent – TBA

Mobile: TBA

SECTION 3

DESCRIPTION OF THE AREA

3. The demolition of all structures down to and including slab level located at: 105 Colemans Moor Road Woodley

4.

The property is self-contained.

1. Initial survey of the area identifies a concentration of pedestrian traffic.
Full protective precautions will be established. Vehicular traffic to the site will be via main entrance.

All reasonable precautions including:

- (i) Hoarding, gates, temporary fencing and scaffolding protection to façade and side elevations.
- (ii) Warning/prohibition status notices, legend “DANGER DEMOLITION WORK IN PROGRESS – NO UNAUTHORISED ENTRY” will be displayed.
- (iii) Inspections.

Are proposed to prevent exposure to risk and demonstrably discharge the duty of care owed to those who may be affected by our acts or omissions.

2. This arrangement will be subject to ongoing reviews.

SECTION 4

DETAILED STATEMENT OF THE STRUCTURES TO BE DEMOLISHED

1. Soft Strip:
 - (i) Limitation of accumulation of combustible waste.
 - (ii) Identification of 'non smoking' no hot work areas.
 - (iii) Provision of accumulation of debris which may cause tripping, slipping, falling incidents by means of a programme of progressive clean up.
 - (iv) Arrangements for lowering debris by slide or chute from higher levels.
 - (v) Arrangements for identifying and marking dedicated access/egress/emergency routes.
 - (vi) Arrangements for maintaining emergency vehicle access.
 - (vii) Arrangements for avoiding point loading of insitu floors.
 - (viii) Arrangements for emergency evacuation requirements.

2. Hard Demolition/Soft strip.

- (i) Ensure all services including gas, water and electric have been isolated and disconnected.
- (ii) Soft stripping will be carried out by hand to areas which are to be demolished.
- (ii) Temporary fencing and scaffold protection will be erected where necessary to facade and side elevations. All necessary warning signs will be attached to site entrance.
- (iii) The structure consists of a single story detached bungalow.
- (iv) There are no parking facilities on site.
- (v) Scope of works, consists of soft strip and removal of all ceilings, floor coverings and partitions, kitchens, toilets, bar area as per detailed scope of works in 1.1
- (vi) Type 3 asbestos survey – there is hazardous asbestos on site which will be correctly and safely removed before demolition proceeds.
- (vii) Hard Demolition –

The tiled roof of the single story bungalow will be removed by skilled operatives. Operatives will wear full safety harnesses secured to main roof structure, with the aid of scissor lift/cherry picker with man rider attachment. The gable ends of the building will be reduced in height by hand demolition. This will be carried out again using a mobile scaffold tower. Operatives using demolition mattocks and 14 pound hammers to reduce the structure.

The main structure will be demolished by remote method (360 degree excavator with demolition attachments). This operation will be carried out under the direct supervision of the site agent acting as Banksman. The demolition waste materials arising (timber, plastic, steel, carpets etc) will be processed and machine loaded into 40 yard roll on/off skips and

transported for safe disposal or recycling at a licensed transfer station/land fill site.

All operatives engaged in this project will be fully aware of this method of works and will be strictly supervised by our Mr Robert Spencer, Contracts Manager. All works will be carried out safely and within the recommendations of BS5228. BS6187. BS5973. Part ii. Noise control on construction and demolition sites and will comply with all HSE requirements. This method statement remains the property of Vince Norris, Demolition Consultant.

(viii) Hot Works

Skilled operatives with the aid of oxy/propane cutting equipment will carefully cut out the steel security cages, overhead gantry system and security grilles welded to the sub-frame to the first floor area supervised by fire watchman with safety fire equipment.

(ix) Working areas

Will be cordoned off by safety barriers with warning signs (with 'Permit to work' areas in operation)

(x) On completion the site will be left clear, clean and tidy. .

SECTION 5

SITE ESTABLISHMENT

1. The following items of welfare and administrative facilities are scheduled to be imported:
 - (i) Toilet facility including wash hand basin.
 - (ii) Administrative, storage and drying room facilities will be established.
 - (iii) First Aid point will be the administration unit.
2. Fire fighting and First Aid (portable extinguishers) will be retained within the canteen and administration unit. Authorised hot water processes will be subject to individual assessment and extinguishers will be specified within the permit to work.
3. All facilities shall be cleaned out each day.
4. Statutory notices, registers and other safety related documentation will be retained and available within the administrative unit.

SECTION 6

SEQUENCE OF WORK

The sequence of work programme is to follow.

SECTION 7

SCHEDULE OF PPE

1. The following schedule of PPE will be issued to nominated people working under the control of Vince Norris Demolition Consultants. upon arrival on site:

- | | | |
|--------|---------------------------|--|
| (i) | Head Protection: | Safety helmet – to BS5240 (incorporating chin strap) |
| (ii) | Eye Protection: | To BS2092:1 (goggles) |
| (iii) | Hearing Protection: | To BS6344:1 (medium/maximum attenuation) |
| (iv) | Respiratory Protection: | Disposable mask (3M) to EN149 – FFP 2SL |
| (v) | Overalls: | Flame retardant overalls to RS6249:1:B |
| (vi) | Reflective Waistcoat: | |
| (vii) | Gloves: | Standard riggers general purpose |
| (viii) | Footwear: | To SB/EH345 |
| (ix) | Full Body Safety Harness: | To RS/EH361 |

Individuals will be instructed as to:

- (i) The limitations of PPE
- (ii) The purpose of PPE
- (iii) The correct inspection and use of PPE upon arrival on site

Note: The asbestos removal phase is subject to a specific PPE control procedure.

2. Mandatory status signs in respect of the wearing of safety helmets and footwear will be displayed at the approved site access points.

3. Visitors will be required to comply with the prevailing PPE controls which will be notified by the resident Supervisor, to be appointed, or his nominee. Hauliers will be notified about requirements for:

- (i) Safety Helmets
- (ii) Eye Protection
- (iii) High Visibility Jackets
- (iv) Footwear

As part of our standard order.

4. Arrangements for the proper storage of items of PPE will be available as will replacements for disposable or damaged items.

SECTION 8

SCHEDULE OF PLANT

1. Provisional plant schedule is as follows:
 - small power tools
 - hand tools
 - proprietary mobile towers
 - crawling boards (to be used in pairs)
 - ladders and step ladders
 - access platform
 - 360 degree excavator with demolition attachments
2. Plant will only be operated by authorised individuals who should have obtained appropriate safety awareness training schemes. Plant will be inspected at the start of work each day.
3. Where plant is identified or suspected of being defective, it will be tagged 'UNSAFE – DO NOT USE' and removed from site at the earliest opportunity.
4. In the event of additional heavy duty plant being introduced this section of the submission will be added to.

SECTION 9

MONITORING ARRANGMENTS

1. The progress of the work will primarily be monitored by the resident Site Supervisor. The monitoring process will be guided by:
 - (i) This safety management submission.
 - (ii) In-house safe working procedures.
 - (iii) Implementation of authorisation to work controls.
 - (iv) Permit to work controls.
 - (v) Task risk analysis procedure.

Monitoring will be a daily activity and results will be recorded where it is considered that safe working procedures may be influenced.

SECTION 10

SAFE WORKING ABOVE GROUND LEVEL

1. Tubular steel independent tied scaffolding if required will be provided. The final specification if required is not yet available in respect of:

- (i) Tying points
- (ii) Number of working lifts
- (iii) Debris containment
- (iv) Progressive dismantling

This will be detailed within the scaffolding contractors Safety Method Statement.

2. MEWP – The elevator will be operated by competent and trained persons. Materials may be lowered, subject to the rated SWL and UDL loading requirements of the machine. Operatives will remain within the platform area at all times. Climbing from or working on the guardrails is prohibited. The machine may only be operated on a level, clear hardstanding.
3. Prefabricated alloy towers may be used for specific light duty tasks which will be subjected to ongoing appraisal. Each tower must have the manufacturers safety instructions attached and may only be erected by competent and trained persons. Towers may be used where hard demolition is in progress or where they may be subject to shock landing or on uneven surfaces.
4. Access ladders must be secured so as to prevent displacement. We envisage that ladders will be secured via the stiles at the upper landing point. Where this is not practicable, the ladders must be bolted whilst it is in use. Ladders must be inspected each day for damage. Access ladders must be removed at the end of each shift and placed in a secure location.
5. Leading edge protection:

Physical barriers will be fixed to or placed at voids or leading edges. The preferred method will be to tubular steel scaffolding and couplers incorporating a

toe-board. In all cases the assembly will be constructed so as to resist impact. Each barrier shall be signed with a warning status sign – legend **‘DANGER – KEEP AWAY’**.

6. Fall Arrest Devices:

Where workers are required to work from locations or areas where it is not physically possible to afford a safe working platform full safety harnesses will be used. Method of fixing the harness will be secured to a nominated fixing point. This may include:

- (i) Insitu structural members
- (ii) Installed anchorage points
- (iii) Trifor tensioned running lines.

Use of safety harness is considered to be a last resort. In each instance the event shall be subject to:

- (i) An individual risk assessment
- (ii) Rescue/recovery procedure
- (iii) Time limitations.

7. Where crawling boards are used they must be used in pairs and incorporate a compatible guardrail. Under no circumstances may workers walk on any fragile or suspect roof surface.
8. We anticipate that this section of the submission will be subject to constant monitoring and review. There is a particular responsibility on the resident supervisor in respect of establishing and maintaining safe working controls and standards for any work above ground level.

SECTION 11

SITE SAFETY RULES

1. This section is to be copied, laminated and duplicated in all accommodation units. In addition, a copy is to be issued to each worker following the initial safety induction on site. Visitors are to read and accept the essential points contained within the rules.
2. The following site safety rules are currently in force on this project.
 - (i) Minimum PPE – Safety helmets and safety footwear.
 - (ii) Compliance with prohibition, mandatory, safety conditions and warning signs displayed on site.
 - (iii) Operate and use items of plant/equipment that you are trained and authorised to use.
 - (iv) Wear additional items of PPE within designated areas.
 - (v) Report defective or unsafe circumstances to the Site Supervisor without delay.
 - (vi) Report and record any incident involving the following to your supervisor without delay:
 - injury
 - sickness
 - damage
 - (vii) Keep clear of moving vehicles or plant or slewing plant.
 - (viii) Do not enter areas in the process of being demolished unless the Resident Supervisor or his assistant gives you direct authorisation.

- (ix) Permit to work controls are in force for
 - Any hot works operations
 - Any work from or on roofing
 - Permits will be for specific areas and times.
 - (x) Maintain high standard of personal hygiene.
3. The site safety rules will be further developed and revised as the work is progressed and in response to ongoing assessments.

SECTION 12

OVERLAP WITH OTHER CONTRACTORS, PREVIOUS OCCUPIERS AND AREAS DEDICATED TO PEDESTRIAN/ VEHICLE TRAFFIC

1. Site access/egress via 105 Colemans Moor Road Woodley
- 2.
- 12.2 There will be a direct overlap with hauliers retained to export haulage and waste materials (please see Section 9 of this document for controls and monitoring arrangements).
- 12.3 Only authorised members of the client, R J S Group Demolition and staff should have occasion to enter the area being demolished. Authorised staff will be nominated and Vince Norris Demolition Consultants and will be formal notified.

Hauliers will be instructed as part of their order to:

- (i) Stop at the security point.
- (ii) Limit speed to 5mph as soon as possible.
- (iii) Operate reversing duties under the direction of an authorised banksman.

Directional signs to the access/egress point for the demolition operation will be displayed on the site hoarding, which shall be positioned and maintained for demolition purposes.

4. The site hoarding will be positioned as per Highway Hoarding Scaffold licensing. Warning/prohibition status notices, Legend **“DANGER DEMOLITION WORK IN PROGRESS – NO UNAUTHORISED ENTRY”** will be displayed on hoarding.
5. Hoarding will be inspected at the end of each shift by Richard Spencer foreman on duty. Any defects or suspect features will be notified to Richard Spencer, Contracts Manager, for response and remedy.

6. This section of the submission should be subject to ongoing review, and where considered necessary will be revised. Revisions will be distributed to relevant individuals.

SECTION 13

OCCUPATIONAL HEALTH CONTROLS

1. The safety critical in respect of occupational health at work will be the potential for inhalation of respirable fibres of asbestos lagging. Preventative measures for the prevention of exposure to airborne respirable fibres is contained within the stand alone Safety Method Statement for the removal of asbestos lagging.
2. Manual handling operations will be limited to movement of manageable items released during the soft strip and in some circumstances to movement of demolition materials. Manual handling operations will be subject to ongoing review by the Site Supervisory Team. Particular attention will be given to:
 - (i) Access/egress standards
 - (ii) Distance
 - (iii) Lighting
 - (iv) Mass (weight – maximum 14kgs close to body)
 - (v) Configuration (may require assistance regardless of weight)
 - (vi) Frequency.

As elements comprising the risk assessment, regardless whenever possible, materials will be moved using plant/machinery.

3. Exposure to noise level within the 2nd Action Level Control is unavoidable. Some of this will be generated by percussive plant (breakers etc) and by plant operating at full throttle. Whenever practicable the number of workers exposed at the sound levels will be reduced by assigning tasks away from the sound. Failing that, hearing protection will be worn. Designated areas will be identified by the Mandatory Status Sign 'Noise Control Area – Hearing Protectors Must Be Worn'. Any breaking out within the buildings or within 5m of plant will automatically be classified as 2nd Action Level areas.

4. With regard to general COSHH detailed controls the major problem area will be with process generated dust. Inhalation will be prevented by use of specified disposable respirators (see PPE Section 8). Manufactured products will be assessed once manufactures/suppliers materials safety data sheets are supplied. The full schedule is not yet known, particular attention will be given to products on MEL (Maximum Exposure Limit).
5. We anticipate that our occupational health controls will complement Environmental Protection Standards.

SECTION 14

COMPILING INFORMATION FOR THE PROJECT HEALTH & SAFETY FILE

1. At the stage of the development of the demolition phase Health & Safety Plan, it is not possible to identify circumstances which might be relevant to the project health and safety file. Should circumstances or conditions arise which might be of benefit they will be notified to the Appointed Planning Supervisor.

SECTION 15

UNDERGROUND UTILITY SERVICES AND EXISTING SERVICES WITHIN BUILDINGS

- 15.1 The routes of Existing Site Services will be identified and highlighted.

SECTION 16

METHOD OF MONITORING THE STABILITY OF ADJACENT STRUCTURES PERMANENT AND TEMPORARY

1. There is no indication that the proposed sequence of work will undermine the integrity of structures and buildings adjacent to the demolition site. All other premises are independent and should not be subject to transmitted vibration generated by the demolition process.
2. Where the sequence of demolition may foreseeable interfere with or undermine adjacent structures due for subsequent demolition, a physical inspection of the building will be carried out by the Operations Manager of R J S Group Demolition. He will make a decision as to the progress and method of work. In the event of a structure being assessed as being an imminent risk and inspection by an independent Structural Engineer will be commissioned. Work may not be progressed until an agreed sequence is formalised.
3. Demolition operatives may not be abandoned until the structure or part of the structure being demolished is made safe so as not to unintentionally collapse. Particular attention will be given to prevailing and predicted weather patterns. Safety critical features will include:
 - (i) Wind loading
 - (ii) Snow loading
 - (iii) Heavy rain.

SECTION 17

METHOD OF NOTIFYING THE CLIENT ABOUT UNFORSEEN OBSTRUCTIONS OR OTHER MATTERS WHICH ARE IDENTIFIED AS INFLUENCING SAFETY

17.1 Not applicable.

SECTION 18

ONSITE SAFETY AWARENESS BRIEFINGS

1. Site setup and establishment.
2. Site safety induction course and toolbox talk for all site personnel will be conducted by Vincent Norris the Safety Officer.
3. All personnel will be required to read and understand the method statement. They will also be required to undertake a thorough examination of the site and ensure they are completely familiar with its layout. All personnel will be required to sign a register confirming their full understanding of the site induction.
4. All works will be carried out safely and within the recommendations of BS. 5228.BS.6187. & BS.5973 part ii - noise control on construction and demolition sites, and will comply with all HSE.requirements.
5. Any amendments to this method statement can be added as revisions if and when required.