

ST Demolition and Groundworks Ltd

Demolition, Construction, Refurbishments, Stonemasonry, Painting, Cleaning.
Domestic and Commercial

Demolition Works Method Statement

Project Name	Building Demolition Works	Job No.	TBC			
Site Address	Buildings 4 and 5, Wilsons Park, Monsall Road, Manchester M40 8WN	Expected Start Date	28 th February 2022			
		Expected Completion Date	10 th January 2022			
Task Description	Strip out and demolition of units leaving safe and secure to adjoining units and leaving access secure to railway embankment at rear.					
Client Representative Details	Name – Rick Bradbury Company – Rivington Environmental Contact Email – admin@rivingtonenvironmental.com Contact Number – 01942 375565					
Working Hours	Monday to Friday 8am to 16.30pm Weekends & Bank Holidays with the permission of the client and in line with Local Council & Environment Agency Noise Regulations.					
Workforce	No. of Operatives – 4 to 6 The Company will ensure that all its employees are adequately trained in the tasks that they are required to carry out. Documentary proof will be available for inspection. All operatives will sign into site and read the asbestos survey information when arriving at site, where appropriate site supervisors/managers will induct operatives to site. Periodic safety talks (Tool Box Talks) will be given reinforcing the original instruction. Site manager and safety advisor will be at hand to give health and safety advice and to address any concerns that the labour or client may have.					
Key plant & tools Required	Hand Tools	√	Pneumatic Power Tools	√	Abrasive Wheels	√
	Cut Off Saws	√	Access Towers	√	Step Ladders	√
	Excavator	√	Dump Truck		Skip Wagon	√
	Skips	√	Grab Wagon	√	HIAB Wagon	
	Crane		Scaffolding		Welfare Unit	√
	Generator	√	Site Office Block		Storage Container	

Other essential equipment	Cordless Drills 360 Excavator with Bucket & Selector Grab Attachments Dust Buster Unit Rubble Skip							
Maintenance of plant & equipment	All equipment & tools on site will be maintained by authorised fitters and are routinely tested & serviced. A fitter is available on call during working hours to assist with any breakdowns or damaged equipment. PAT Testing is carried on all electrical items and logged at Head Office. LOLER inspections are carried out on a 6 monthly basis on MEWPS etc and 12 monthly basis on all other plant by an accredited company appointed by the companies' insurance company.							
Specific identified hazards & risks (also refer to task specific risk assessments)	Vehicular Traffic Manual handling Dust Excavation Works Demolition Works Railway Lines in Close Proximity							
Specific personnel training requirements	Manual Handling Plant Machinery Operator Certification Asbestos Awareness Demolition Practices & Working							
Key Personnel	Supervisor / site manager	1	Joiner	0	Welder / Steel Fixer	0	Ground Worker	0
	Bricklayer	0	Labourer	3	Machine Operator	1	Banksman	1
	Painter	0	Glazer	0	Scaffolder	0	Electrician	0
Access & egress to work area	Site will be accessed from Monsall Road, vehicles will park in designated area as per site induction by site supervisor.							
Fire & Emergency procedures	Operatives will make themselves aware of the existing site emergency procedures which are attached to this method statement and comply with these at all times. The Company will take reasonable precautions to avoid the outbreak of fire. A “No Smoking” policy will be implemented and all labour on site will be continually educated in the dangers of fire etc. We will implement measures to inhibit or reduce the risk of fire and where appropriate will include the following: • Ensure adequate water supplies are available. • Ensure firefighting equipment of the appropriate type sited in prominent positions. • Staff are trained in the safe use of firefighting equipment. • Fire instruction notices are visible. • Escape routes clearly defined and marked. The assembly point will be on Waterford Road adjacent to the site entrance. The nominated fire wardens will be Alex Ross & Owen Lowry.							

First aid procedures and facilities	The Company will supply a trained First Aider qualified to a minimum of Emergency First Aid at Work status. First Aider Name – Alex Ross & Elliot Toner First Aid Box Location – Company vehicle & Welfare Cabin Location of Nearest Hospital – Arrowe Park Hospital Arrowe Park Road Woodchurch Wirral CH49 5PE Tel: 0151 678 5111
Welfare	The Company will provide site welfare units to include toilets, site canteen, site office, hot & cold running water, drying area and all associated consumables such as adequate stocks of toilet rolls & hand soap.
Asbestos	Before any works commence operatives will read through the Asbestos demolition survey report provided by the client. There are asbestos containing materials identified on site which will be removed by a nominated suitably qualified asbestos removal company. All waste will be removed in line with current guidelines & regulations. All operatives have received Asbestos Awareness training and some have Cat B Training. All operatives will wear FFP3 masks, paper suits, gloves and safety glasses etc during removal works.
Dust	There will be minor dust related issues during the main demolition works, this will be counteracted through the use of water suppression which will be connected directly to the main water pipe on site. Piles of spoil will be kept dampened during demolition works to prevent dust clouds from forming.
Working at Height	There will be minimal working at height expected during these works, this will be from Ladders and access towers to remove salvageable materials from low level roof and wall areas. All operatives have received working at height, access tower and vehicle mounted cherry picker training.
Confined Space	There are no confined spaces expected to found or entered during the works, if there are any found then work will stop and a suitable risk assessment and amendment to this method statement will be carried out by Gareth Lea.
Lifting Operations	There are limited manual lifting operations expected during the works, this will be during the removal of internal fixtures & fittings. All operatives have received manual handling training.

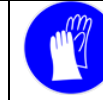
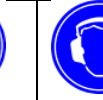
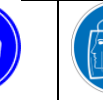
Noise	Equipment will be checked for noise readings prior to use and adequate hearing protection provided for the task. All operatives to wear the hearing protection during noise related tasks. Periodic & random noise testing will be carried out by the companies Health & Safety officer.
Vibration	Operatives will adhere to vibration assessments on the time scales for using any equipment provided. Annual hand arm and whole body assessments are carried out by the company as part of their occupational health screening programme.
Waste	All waste will be removed by company vehicles or 3rd party waste contractor vehicles and taken to an authorised Recycling Facility. The Company holds an upper tier waste carriers licence which is available to view upon request.
Environmental	Operatives have been trained in Environmental control issues and comply with the companies Environmental Policy at all times. All waste materials are removed and disposed of in line with current legislative requirements by an authorised waste transfer station.
Structural Works & Advice	All structural advice and drawings will be provided by the clients Structural engineers, drawings have been provided and any alterations or amendments must be checked with the clients Representatives before continuing.
Preliminary Works	Information will be gathered as to the type and condition of the building and the possible location of any existing services in the working area if required to do so.
Existing Services	The company have not received copies of Utility Drawings from the client prior to starting works. <u>Gas Pipes</u> The company will comply with the general conditions and precautions to be taken when carrying out work in the vicinity of gas pipes. <u>Water Pipes</u> The company will comply with the general conditions and precautions to be taken when carrying out work in the vicinity of water pipes and distribution apparatus. <u>Electricity Cables</u> The company will comply with the general conditions and precautions to be taken when carrying out work in the vicinity of Electrical cables and installations. The company will refer to the National Grid publications for guidance. <u>Telecoms</u> The company will comply with the general conditions and precautions to be taken when carrying out work in the vicinity of BT or other Telecoms Plant.

	Sewers and Drains The company will comply with the general conditions and precautions to be taken when carrying out work in the vicinity of sewers and drains and will refer to the notes on sewer work. The Company have received confirmation of disconnection of services by email and will have disconnection notices prior to demolition works commencing on site.
Site Rules	• No smoking is allowed near/in internal areas but will be permitted outside on the site grounds. • Designated mess area to be used for breaks and lunches etc. • Keep Welfare Facilities clean and tidy at all times. • Adhere to all existing 'Fire and Evacuation' on-site instructions and procedures.
Sub-Contractors (if used state names and contact details)	Waste Contractor – TBC
Other relevant information or comments	The client has organised disconnections and will provide proof of disconnection upon arrival to site.

Personal Protective Equipment (PPE)

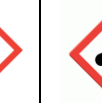
Personal Protective Equipment is to be worn at all times whilst works are being carried out, equipment is regularly checked and maintained with replacement items held on stock at North West Construction Head Office when required.

Required PPE

								
Hard Hat	Safety Glasses	Gloves	Safety Boots	Hearing Protection	Face Shield	Harness	Dust Mask	Breathing Apparatus
√	√	√	√	√			√	
								
Hi-Visibility Clothing	Overshoes to be worn	Protective Clothing	Life Jacket to be worn	Safety Goggles	Other	Other		
√								

Control of Substances Hazardous to Health (COSHH)

The Company will obtain safety data sheets & material data sheets for all materials used during works and COSHH assessments will be carried out on specific task duties as and when required. All operatives have received COSHH related training and will comply with all requirements.

								
Corrosive	Oxidising	Highly Flammable	Very Toxic	Explosive	Dangerous for the Environment	Irritant	Serious & prolonged health effects	Compressed Gas
						✓	✓	

Contact Numbers

Elliott Toner - Director	07786558261
Gareth Lea – Health & Safety Advisor	07788212556
Elliott Toner – Site supervisor	07786558261
Police / Fire / Ambulance	999
Health & Safety Executive (HSE)	0845 345 0055
Electricity	0800 195 4141
Gas	0800 111 999
Telecom	0800 800 150
Water	0845 746 2200

Written by	Gareth Lea
Date	28 th February 2022
Signature	<i>GLea</i>

Risk Assessments Applicable

Site Specific	✓	Excavator	
PPE		Hot Works	
Excavations		Lead	
Working around Water		Working at Height	
Generator		Palsode	
Cut Off Saw		Asbestos	
Chainsaw		Chipper/Shredder	
First Aid		Hand Tools	
Skip Wagons		Grab Wagons	
Working with Concrete Materials		Covid-19	

Method Statement & Risk Assessment Declaration

I confirm that I have been briefed on the associated risks involved and I am aware of the restrictions and safety related issues involved in this task.

I will comply with the requirements laid out in this Method Statement and the associated risk assessments.

I am aware that if for any reason I cannot carry out the work as instructed I must stop work and inform my supervisor.

[illegible]

Sequence of Works

No.	Sequence
1	Attend site and liaise with the client prior to commencing works
2	Operatives to sign in on site
3	Deliver excavator, tools & equipment to site
4	Deliver block 'n' mesh fencing to site
5	Using hand tools & team lifting erect block 'n' mesh fencing to form contractors compound and secure site access, to include access gates for vehicles
6	Deliver skips to site
7	Site supervisor to induct all operatives to site and run through works
8	Operatives to read & sign the asbestos demolition survey on site
9	Client & site supervisor to identify any fixtures & fittings or salvage materials required to be kept prior to carrying out demolition works
10	Asbestos Removal
11	Operatives to wear suitable protection to include paper suits, FFP3 masks, safety glasses etc
12	Using hand tools and Type 'H' Hoover remove all asbestos dust debris from working areas and double bag waste ready for removal
13	Using hand tools and water suppression unit remove all asbestos coatings to walls & ceilings and double bag ready for removal
14	Clear away all waste and remove contaminated PPE into double bags ready for removal
15	Internal soft strip works to commence first
16	Site supervisor to carry out safety inspection of site and internal area before any operatives start work or enter building
17	Site supervisor to carry out sweep of building and immediate vicinity around building to ensure no vagrants or children are in the property
18	Using hand/power tools remove all internal doors to lower ground floor in areas deemed safe to do so after initial safety inspection and cart away to skip using team lifting
19	Using hand/power tools remove all internal door frames and cart away to skip
20	Using hand/power tools remove all cupboards and shelves in each room and cart away to skip
21	Using hand/power tools remove all sanitary ware from toilet areas and cart away to skip
22	Using manual handling & team lifting where practical cart away all left over free-standing furniture and fixtures & fittings and cart away to skip
23	Using hand/power tools remove all remaining fixtures & fittings from walls and cart away
24	Using team lifting and wheel barrows operatives to remove bags of waste and cart away to skip
25	Prepare for demolition works
26	Demolition of Building
27	Operatives to carry out daily check of building to ensure no pedestrians such as children, vagrants or squatters are present in building – this is to be done each day prior to works commencing
28	Operatives using hand tools to remove all window glazing and cart away to skip
29	Using hand tools & power tools operatives to remove all window frames and cart away to skip
30	Using hand & power tools operatives to remove front and rear doors and cart away to skip
31	Operatives to set up access towers and working from above & below first level and using hand tools remove timber floorboards and cart away
32	Once all timber floorboards removed dismantle access towers
33	Using hand tools and access towers operatives to remove existing slates from roof and lower and set aside for salvage
34	Using access tower to access timber beams operatives using chainsaw to cut through timber beams and pass down to ground level
35	Operatives to remove access towers and clear internal ready for demolition
36	Operatives to clear out of building and site supervisor to give signal to machine operator that building is clear & ready to proceed
37	Operatives to set up single lane road closure and prepare for traffic management works
38	Using 13 Ton Excavator with bucket attachment pull/push in brickwork to internal footprint of building and allow to fall to ground level

39	Using 13 Ton excavator clear away all brickwork to skips
40	Clear away all waste and debris to skips and clear working area
41	Prepare for removal of foundation works
42	**When operating excavator in road banksman to be in place either side using STOP & GO signs to assist control of traffic**
43	Removal of Foundations
44	Using excavator with hydraulic breaker attachment – break out concrete foundations and footings
45	Using excavator with bucket attachment lift & remove broken concrete and load into rubble skip
46	Using hook loader wagons to deliver crush materials to site for backfill
47	Using excavator with bucket attachment spread out crushed materials where foundations have been removed and using tracks compact materials over area
48	Once all foundations have been removed and backfilled excavator to compact entire area using tracks and operatives to assess levels, if additional backfill material is required then additional materials will be added to highlighted areas and excavator to spread across and compact again with tracks
49	Remedial Works to Finish Site
50	Using 13 Ton excavator scrape all vegetation from around the site and cart away to skip
51	Using team lifting and excavator clear away all waste & debris around the site to skip
52	Using excavator scrape back and level ground grading where necessary and matching up to new ground level where house has been removed
53	Remove excavators and excess equipment from site
54	Remove all skips from site
55	Remove welfare unit from site
56	Clear away all debris and tidy working area
57	Walk through site with project officer/client to confirm all complete
58	Snag works & carry out any defects
59	Handover to client
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