

SALFORD EXCAVATIONS CONSTRUCTION LTD



**CONSTRUCTION
LIMITED**

The Pilkingtons Site, 346 Rake Lane, Clifton, Manchester, M27 8LJ

Tel: 0161 727 7117

Safety Method Statement

Measures for Ensuring Operational Safety

**Greenfinch Public House, 108 Palatine Road, Didsbury,
M20 3ZA.**

**DEMOLITION/DECONSTRUCTION WORKS TO SINGLE
STOREY WRAP ROUND EXTENSION, RL DIG TO
TERRACING AND BASEMENT INFILL WORKS.**

120522/CJS/001

Project: Greenfinch PH, 108 Palatine Rd, Didsbury, M20 3ZA.

Activity: Demolition to wrap round extension, RL dig and basement infills

Contractor: Salford Excavations Construction Ltd

Location of work: Greenfinch PH, 108 Palatine Rd, Didsbury, M20 3ZA.

This safety method statement has been prepared by:

Name: Chris Standring

Date: 12.05.22.

Description of works to be undertaken

1. Prior to works commencing on site, all operatives to receive site induction by SECL site management team. Section 81 will have been approved in accordance with planning reference 130831/FO/2021; notice must be given to building control surveyor prior to works commencing. Full site perimeter will be fenced off using heras fencing with appropriate warning signs. There is only one access/egress point into the site and car park. This will be closed at all times preventing unauthorized access and the gate will be manned with a banksman who will guide all wagons in and out of the site.



Deconstruction/dig area edged in red, heras fence line in yellow.

2. An inspection and report by Asbestos Assessment & Control Ltd on 15th September 2021 to the building has confirmed that there is no asbestos present in accordance with the control of asbestos regulations 2012. If, during the works, any asbestos material is suspected of being present, works will be stopped and the appropriate procedures will be carried out to check the material and arrange removal if the material is asbestos.
3. All relevant services have been disconnected and isolated within the deconstruction areas. Prior to work commencing, all isolation certificates will be handed over to confirm this and filed accordingly. Once, SECL is satisfied that all services are clear within the footprint of the deconstruction area, then works will commence.
4. The deconstruction of the wrap round single storey extensions will be removed as shown on AXI drawing number 20-040-AXI-090 Rev 01. The works will be carried out in chronological order commencing from the roof down. The slates will be stripped first. Access to the roof area will be by using a telescopic handler with man basket. Slates will be stripped and brought down to ground level by hand. They will be stacked for recycling purposes.
5. Upon completion of slate stripping, an 8 Tonne tracked excavator with rotating grapple attachment will then deconstruct the extensions in a controlled manner. It will commence with removal of the roof timber structure once the slates have been removed. To allow extra working area for the excavator, the timber shelter area, shown below, will be removed. All timber will be placed in a timber skip in the agreed skip lay down area. Access will be formed to allow ease of movement for all plant. The reduced level dig to this area will be carried out upon completion of demolition works.



The machine will then systematically remove all timbers, beams, walls in a controlled manner down to ground level and either placed to the adjacent storage area to be separated for their respective material skips or stockpiled to be loaded accordingly for disposal off site. Any strip out required such as toilet area will be carried out prior to walls coming down. During this phase of deconstruction, there are steel beams that appear tied into the pub external wall that is remaining. To avoid any damage to the wall by pulling the beams with the machine, the beams will be cut using oxy/propane burning gear. In accordance with SECL procedures, a hot works permit will be issued prior to these works commencing. Access to each beam will be via a tower scaffold. As the beams are cut, the grapple will remove the beams.

6. Upon completion of the deconstruction to ground level, the works to the basement demolition can commence in accordance with AXI drawing number 20-040-AXI-089 Rev 01. All existing material will be removed from the basement using the machine, which will be stockpiled in an agreed area for either removal off site or re-use. Once the footprint of the basement has been made clear such as the cellar drop, boilers, internal walls etc, the basement floor, walls and foundations will then be removed by use of breaker attachment to the machine. All broken concrete and hardcore from the slab and walls will be stockpiled and taken off site for recycling. It must be noted that where openings in the cellar are to be infilled, then the structural engineer must advise on whether the slab will be used as a foundation to build the infill from. The full area can now be prepared to take fill back into the basement level.

7. The reduced level excavation to the former and footpath areas will now be excavated down to the existing car park level. It is proposed to use selected backfill material here to use in the basement areas. When backfilling the basement areas, the material will be laid and compacted using heavy duty rammer plates in layers to ensure suitable compaction is maintained. The process will continue until the formation level to the patios and footpaths are achieved. If further fill is required, suitable material will be imported to complete the backfill process to the basement area.

8. If works cannot be carried out in accordance with the method statement, then works must stop immediately until the problem is rectified.

Start date: 23/05/2022

Completion date: 17/06/2022

Allowable site working hours as follows:

Monday – Friday 730am – 500pm

Saturday – 730am – 100pm

Sunday or bank holidays – no works

Tasks	Hazards	Who Can Be Harmed And How	Risk Before Controls H M L	Control Measures	Risk With Controls H M L
Delivery of plant and movement of skip/8 wheel wagon	Wagons entering and leaving.	Operatives on site and any public passing	High	Banksmen to guide wagons at all times.	Low
Demolition / deconstruction works	Public coming onto site. Damage to existing services Slips, trips and falls Use of tracked excavator / dumper	Operatives on site and any public passing	High	Site to be secure Ensure all services are isolated. PPE to be used accordingly such as gloves and goggles Full work area to be kept clean at all times Excavator and plant to be operated by certificated operator Dust suppression if required	Low
Removal of steel beams	Burns, lifting of heavy material	Operatives on site	High	Hot works permit required Use of excavator to take weight of beam	Low
Foundation and cellar slab removal	Slips, trips and falls Damage to services and drains.	Operatives	High	Use cable locator to find existing services. Check drainage. Keep site tidy.	Low

SEQUENCING OPERATIONS AND RISKS ASSOCIATED

MANAGEMENT STRUCTURE

Project Manager	Wes Lawrence 07739123443
Construction Manager	TBC
Foremen	Anthony Gunn SSSTS 07464590034
Health & Safety Officer	Chris Standring 07814913233

Who is responsible for Health & Safety on Site? Wes Lawrence

This person will ensure:

- 1. Everyone is given the information contained within this method statement**
- 2. The work is carried out in accordance with this method statement**

Number of Operatives Employed on Task: 3

Trades of Operatives:

Machine driver, general site operatives

Has Training Certification been Provided	Yes *****	No	N.R.
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POINT OF CONTACT

Out of Hours Contact: Simon Saxon **Contact No.** 07779 295295

QUALITY ASSURANCE

Person responsible for checking the works: Wes Lawrence

Are there any drawings, sketches, and specifications, which are to be read in conjunction with this method statement: Please list and attach

Drawing No.	Specification	Other
20-040-AXI-090 Rev 01	N/A	N/A
20-040-AXI-089 Rev 01		

Is there a Quality Assurance check sheet: Please List: No

SAFETY & OPERATIONAL DETAILS

Site Access & Storage Requirements:

As agreed on site to former car park area

Transport Requirements: Give details of requirements to, from and around site:

Movement of excavator and wagons on site and off main road only

Is a permit to work required	YES***** hot works	NO
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Is a COSHH Assessment required	YES*****	NO
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List of COSHH Assessments

Diesel

Are there any existing services in the work area (e.g. electricity, gas, water, telephone, ISDN etc.): If yes please state which and the precautions to be taken?

Service	Precaution to be taken
	All utilities will be isolated prior to commencement of works and certificates issued

Are there any existing hazards in the work area (e.g. asbestos, lead paint, chemicals, radiation, contaminated land, service ducts, shafts, tanks etc.): If yes please state which and the precautions to be taken.

Hazard	Precaution to be taken
N/A	

How do you intend to minimise the following:

Element	Action to be taken
Noise	See below
Dust	Suppression required as necessary
Excess Water	N/A
Odour/Fumes	N/A
<u>Noise reduction Strategy</u>	All plant, tools and equipment shall be maintained regularly to ensure that they are fit for purpose and working efficiently. Noise and vibration levels will be monitored during the works to ensure that they remain at a satisfactory level. If noise levels elevate above 85 decibels then all workers must wear appropriate PPE (Ear protection EN 352-1). Also, check on HAV levels for appropriate equipment used.
<u>Dust Control Strategy</u>	The creation of dust has been identified as a potential cause for concern. This has been taken into consideration and we are to adopt sympathetic approach to demolition. All these points have been considered and countermeasures are to be implemented as highlighted below.
<u>Hand demolition</u>	• The careful skilled use of hand tools over power tools minimise the production of dust that is generated at source. • Water sprayed onto the work face, when necessary. • Power tools with water suppressant or exhaust applications. • Used on materials where silica dust is produced where possible • PPE enforced by supervisor where necessary • Pedestrians / non-essential operatives kept clear of work area.

INTEGRATION

Is the public likely to be affected by the work in any way e.g. use of tools/equipment, emissions or other arisings? If so what protective measures are to be put into place?

Element	Protective Measure
Exclusion zones	Full work area will not be accessible to public

How will the work affect or be affected by the work of other contractors? How are the effects/risks associated going to be minimised and/or controlled?

Effect	Control
N/A	

What temporary services are required?

1. Power by: N/A
2. Electricity by: N/A
3. Water by: if required for dust suppression
4. Other (state) by:

Are there any temporary work requirements? E.g. trench support, shoring e.t.c. Please attach details as necessary to this method statement:

N/A

Method of unloading (e.g. hiab, fork-lift, crane, manually)

N/A

Method of distributing materials around site:

By machine with rotational grapple

What is the hoisting/lifting method?

Excavator with rotational grapple

What will operatives use as a working platform (e.g., scaffold, mobile tower, level ground, hydraulic platform)

Level ground

How will operatives be protected from falling? Provide full details

N/A all materials lowered using excavator and grapple by controlled manner

What P.P.E. will operatives be required to wear?

Hard hats, safety boots, hi viz vests, gloves, glasses, FFP3 face fit masks if required

Will any other safety equipment be provided or required

As advised

What plant and/or equipment are required?

8 Tonne excavator with rotational grapple

Heavy duty wacker plate

Small tools for strip out

Oxy/propane burning tackle

Skips and wagons when required

Is the work area suitable and safe for the use of specified plant and equipment? If no what measures shall be in place to allow use?

Yes

Does the plant or equipment require test certificate or operator training? If yes please provide details and evidence:

Weekly and daily excavator operator plant inspection sheet to be completed

How is waste to be controlled and disposed of?

By skips appropriate to material to take off site

Are there any other risks that have not been identified by this method statement? If yes how are they to be controlled and/or minimised?

Not anticipated

Who inspects the works during installation and on completion prior to hand-over, or prior to progression onto the next stage?

Wes Lawrence

What are the emergency procedures for the task?

Nearest Hospital is: Wythenshawe Hospital, Southmoor Road, Wythenshawe, M23 9LT.
Tel: 0161 998 7070

Minor accidents to be reported to the Project Manager for record and treatment
Major accidents to be reported to the emergency services by the nearest phone.
Near misses to be reported to the Project Manager and works are to cease until further instruction is given. Do not ignore near misses as they could happen again if not reviewed

**THIS METHOD STATEMENT IS TO BE READ, UNDERSTOOD AND SIGNED BY
ALL OPERATIVES INVOLVED WITH THE ASSOCIATED TASK/S**

LEGISLATION

All works undertaken by Salford Excavations Construction Ltd will be done so in consideration of all up to date and relevant legislation in accordance with the HSE recommendations.

REGISTER

NAME	JOB TITLE	SIGNATURE	DATE

**Signed for and on behalf of
Salford Excavations Construction Ltd**

Designation: