

HYDE DEMOLITION UK LIMITED IS COMMITTED TO ACHIEVING EXCELLENCE IN SAFETY MANAGEMENT. AS PART OF THIS COMMITMENT, HYDE DEMOLITION WILL PRODUCE AND INSTIGATE EFFECTIVE AND ACCURATE SAFE SYSTEMS OF WORK FOR ALL OPERATIONS TO BE UNDERTAKEN.

All works will be undertaken in accordance with the Health & Safety at Work Act 1974, and all other relevant legislation, Codes of Conduct and good working practice.

AMENDMENT



Client:	Krol Corlett Construction
Project Name:	Thurloe Street
Project Number:	HD 9387
Site Address:	Park Hall, 18 Thurloe Street, Manchester, M14 5SG
Prepared By:	Kate McCallum
Revision:	0.3 Structural Demolition by Controlled Collapse to staircase. Added associated Risk Assessments, Added Rescue Plan for MEWP
Date:	29th January 2023

**ISSUED FROM RAGLAN STREET OFFICE SK14 2DX
TEL. 0161 339 9009**

Signed by

SCOPE OF WORKS: Structural Demolition by Controlled collapse – Staircase

COMMENCEMENT OF WORKS: 18th December 2023

COMPLETION OF WORKS: PER SITE PROGRAMME

CDM REGULATIONS APPLY: YES

HSE NOTIFICATION REQUIRED: NO

DATE HSE NOTIFIED: N/A

DEMOLITION CONTRACT MANAGER RESPONSIBLE PERSON ON BEHALF OF HYDE DEMOLITION UK LTD

Phil Hutchinson - 07917768221

Ric Biggins - 07811111356

SITE FOREMAN (SITE-BASED): TBA (all supervisors are SSSTS-accredited)

No. OF OPERATIVES LIKELY TO BE INVOLVED: 3-6 HDUKL ops

Programme – 5 days

PLANT LIKELY TO BE DEPLOYED ON SITE

- Range of hand tools spanners, bars, sledgehammers etc.
- Battery Operated Tools
- Angle grinders/reciprocating saws
- Oxy Propane Cutting Equipment if required
- Demolition Specification Excavators with attachments
- Cherry Picker
- Wheelbarrows
- Skip Containers
- Any other items deemed necessary by HDUKL

HDUKL to provide all relevant documentation required upon completion of works

MONITORING ARRANGEMENTS

- Site Induction
- Daily work briefing
- Weekly safety PWER inspections to be carried out for all HDUKL tools and access equipment. All records to be kept in HDUKL office and onsite.
- Review of Risk Assessments/method statements on site
- Site manager/supervisor will monitor works throughout working shift
- Exclusion zones and signage

HYDE DEMOLITION LTD BASIC CONTROL ASSESSMENT

ASBESTOS

All HDUKL operatives hold UKATA Asbestos Awareness Training. If any suspect material is located however small, stop work **immediately**, warn others, and report it to the supervisor and Krol Corlett Construction

PERMITS

Krol Corlett Construction is responsible for obtaining any relevant Permits required prior to the commencement of any demolition works. **Hot Works Permit required**

COVID-19

Workforce has been briefed on new operating procedures to mitigate chances of contracting infection on site. Information from the government and CLC has been summarised in a risk assessment accompanying this method statement.

FIRST AID PROVIDER

Krol Corlett Construction to provide first aid.

SITE FACILITIES ETC

Welfare facilities by Krol Corlett Construction

SERVICES

Krol Corlett Construction is responsible for providing an isolation certificate to HDUKL site supervisor. All services (water, gas, telephone, electricity etc.) must be disconnected, protected, maintained, and reconnected by others.

LIGHTING

Where necessary, HDUKL will provide task lighting for all operatives. Additional lighting, if required, is the responsibility of Krol Corlett Construction

HOUSEKEEPING

Good housekeeping will be maintained in accordance to HDUKL's Housekeeping Policy. Access and egress routes will always be kept clear of any obstructions. Debris and waste from demolition and soft strip activities will be arranged into tidy stockpiles.

ACCESS & EGRESS

Demolition and soft strip works will have restricted access and egress points. HDUKL will post signage (i.e. danger demolition in progress keep out) warning unauthorized personnel and other trades to keep out. Access and egress points will be agreed and confirmed with Krol Corlett Construction prior to commencement of works



SKIPS

Location to be To be confirmed by Krol Corlett Construction

FENCING

Krol Corlett Construction is responsible for the erection of site perimeter fencing.

PPE

Operatives will wear the following:

- 1) Safety Helmets BS EN 12492:2012 & EN12492 (or similar). Chin straps used when necessary.
- 2) High visibility vests/ jackets (EN ISO 20471)
- 3) Steel capped boots
- 4) Safety goggles
- 5) Category type 2 gloves or similar for handling general mixed waste and hardcore waste (EN 388:2016)
- 6) **OR** Cut 5 resistant gloves or similar when removing glass (EN388)
- 7) Sunstrom SR100 Half Masks (Press to Check confirmed) Approved European Standard EN 140 (SR221 filters)
- 8) Ear defenders when required.

ON COMPLETION

HDUKL will leave the site tidy and safe.

Obtain signature from Krol Corlett Construction management on Completion of Works

Cert

Remove all tools, equipment, fencing and signage from site.

Remove all tools, equipment, fencing and signage from site.

Training

HDUKL demolition operatives and soft strip specialists are all trained to industry standards. Every one of our teams are led by a SSSTS trained supervisor responsible for the following:

- Delegating tasks to CCDO trained operatives
- Coordinating dismantling procedures
- Maintaining a clean and safe site from start to finish in accordance with HDUKL's Housekeeping Policy
- Monitoring their own and their operatives' health and safety using the documents provided in their Supervisor's Health & Safety Package (SHSP)

At a minimum, all of our operatives hold CCDO or CSCS cards, PASMA and IPAF where required, manual handling and abrasive wheel training. Further, all of our operatives are trained to use Sunstrom SR100 half masks and to identify suspected asbestos using their UKATA standard asbestos awareness training.

METHOD AND SEQUENCE

PLEASE NOTE THAT THIS IS AN AMENDMENT ALL OTHER ASPECTS OF THE ORIGINAL RAMS REMAIN THE SAME

Description: Structural Demolition by Controlled collapse – Staircase

Supervisor Health & Safety Package

ALL SUPERVISOR PAPERWORK THAT REQUIRES COMPLETING WILL BE PROVIDED WITH THE SIGNED HARDCOPY OF THE RAMS ON SITE

HDUKL's supervisor will do all necessary health and safety checks prior to the commencement of works. This will include an inspection of dust masks. All operatives are provided with Sundstrom SR100 dust masks and have had face fit training. RPE maintenance records sheets are provided in supervisors' health and safety packs. The RPE Maintenance Record sheet must be handed in at the end of the week or shown upon request by management. Maintenance of dust masks is mandatory at the start of every new project and on a monthly basis thereafter.

PUWER sheets will need to be filled in prior to the use of power tools. Also, users of any tool that vibrates will be subject to the company HEF sheets (HAVs Exposure Form). These must be filled in accurately using the HAVs Timesheet provided in the supervisor's health and safety package. HEF sheets must be filled in task-to-task and handed in at the end of each working week, data contained therein will

be entered into HDUKL's HAVs Exposure Record Sheet and exposure levels assessed using HSE's HAV calculator. The workforce will also have a HAV Time Chart that lists all their tools with specific EAV and ELV levels. . LOLER sheets and working at height SSOWs will also be provided for operatives in the supervisor's H&S pack (SHSP).

HDUKL's supervisor will fill out the daily briefing work sheets to ensure every member of his team understands what they must remove from the premise and the job at hand. Supervisor will complete a minimum of 2 tool box talks weekly with operatives specific tasks being carried out.

Arisings from Strip out /Demolition works

All strip out and demolition arisings will be loaded into wheelbarrows/ bins or similar and transported along the designated route agreed by Krol and disposed of in the awaiting skip.

Dust – Throughout the duration of the strip out/demolition works regular dampening down measures with fine mist spray bottles will be implemented if required to keep dust levels to a minimum.

CONFIRMATION FROM KROL IS REQUIRED THAT ALL SERVICES HAVE BEEN DISCONNECTED PRIOR TO COMMENCEMENT OF WORKS

Pre-task

Upon arrival to site all operatives are to sign in/out of the site register and are to attend site induction including familiarisation with emergency procedures and results of the asbestos survey etc.

All operatives are to be inducted into the method statement and risk assessments accordingly by the site manager / their nominee. Only when they fully understand the scope of works will they be required to sign the document prior to commencing any works.

All HDUKL Ltd personnel will be given a detailed briefing on the sequence and methodology of the deconstruction of the works and a briefing record kept as per Appendix B.

As per SSOW 21 & 23, the following PPE & RPE which is to conform to current British Standards is required on this contract. Some is mandatory and other is to be worn at appropriate times as per RA:

			 F/R	 CL 3				 P3			
Ma n	Ma n	Ma n	Ap p	Ap p	Ap p	Ap p	Ap p	Ap p	No	Ap p	Ap p

Note: Disposable RPE is not permitted on this site

Additional task specific PPE will be issued as identified by Risk Assessment.

HDUKL to satisfy the conditions of the Section 81 prior to de-construction operations being undertaken.

Delivery of Materials & Plant

HDUKL materials and equipment will be delivered to site via road wagons and will either be self-off loading, hi-ab assisted or manually off loaded in accordance with SSOW 35 by competent persons only.

Deliveries will be clear of all over- head gantries, services etc and must have a Banksman in attendance at all times during off-loading. Delivery drivers are to unchain etc from ground level unless the wagon / trailer has adequate guardrails wherever possible.

All Deliveries will access the site via [Thurloe Street, Levenshulme](#)

Unauthorised Entry, Fencing & Signage

The site perimeter is already secured with fencing / hoarding.

Existing Service Isolation & Protection Measures

The client is to arrange for the disconnection and or removal of existing services into or on the building prior to any demolition works commencing.

It is known that the following services are / were present:

- Electricity
- Gas
- Water
- Telecommunications

Disconnection certificates to be issued to the HDUKL Site Manager prior to the start of works commencing.

Removal of Roof – Staircase

Prior to the removal of the roof metal straps have been fixed between the staircase and the main building to minimise any movement while demolition takes place and all adjoining doors will have been blocked up.

Working from a suitable MEWP positioned to the front or the rear of the building operatives will elevate to the roof level and make a visual check of the roof area before work begins.

A banksman will be at ground floor level monitoring the structure at all times . Once checks are done operatives will begin by removing slates in a piecemeal fashion, carefully prising each slate from the baton using a prizing bar or similar. The slates will be placed into the basket and brought to ground floor level for unloading at regular intervals so not to overload the basket.

This process will be continued until all slates have been removed.

The batons will then be removed, prizing from the spars, releasing the roofing felt. This will be placed into the basket in manageable pieces and brought to ground level to be placed into the skips.

The final process will be to remove the roof spars. Operatives will use a reciprocating saw to cut the spars free from the main roof. These will be cut into manageable pieces and once again placed in the basket for removal from site.

Once all the roof structure has been removed the MEWP will be moved away so demolition can commence.

Structural Demolition by Controlled Collapse

The de-construction of the main structures within the site will be carried out using demolition specification tracked excavators.

Excavators will be fitted with demolition guards and capable of reaching the furthest point of the building yet maintaining a safe working distance. They will be equipped with a selection of interchangeable attachments utilising the Lehnhoff quick hitch system including a selector grab (clam shell demolition basket), multi-processor (combined shear and pulveriser) or rotating steel cutting shear to collapse the structures in a controlled manner in accordance with BS6187:2011 and SSOW34.





Demolition will begin using one of our in-house Highreach demolition excavators, equipped with a rotating selecta grab and pulveriser. The Highreach excavator will then reach up to the highest point while still maintain a safe distance and start to carefully reduce the external brick walls in height, down to the landing of the concrete staircase. When it reaches the concrete staircase, the demolition excavator will then equip itself with a rotating pulveriser, to start breaking up the concrete staircase into manageable

sizes, where they will fall to the ground in a controlled manner for further processing by a secondary smaller machine. As the Highreach excavator works its way through the concrete landing and stairs, it will in a controlled sequence, also reduce the external brick walls down to the ground. Each time, eliminating risk of an uncontrolled collapse. Due to the condition of the staircase and the visible cracks all the way down the structure. Should it become apparent that the structure becomes unsafe to demolish the usual 'Top Down' method. The Highreach demolition excavator will then under controlled conditions full collapse the staircase down to ground level, where the smaller demolition excavator will then further process and remove from site.

Plant Operators and Banksman etc will be thoroughly briefed by the Site Supervisor on the method statement for the works prior to any works commencing. Only when the Supervisor is satisfied that all concerned have read, understood and signed the RAMS accordingly, and that all necessary safety checks have been undertaken satisfactorily, will the relevant permit/s to work be issued.

HOLD POINT: Once the Plant Operator and Banksman are in possession of the permit, a final inspection shall be carried out to establish that no persons or equipment are left within the building and that the inner demolition exclusion zone boundary is secure prior to demolition commencing. Further inspections are to be undertaken prior to commencement of each shift as far as reasonably practicable as elements of the structure will then be unsafe to enter.

At all times during the de-construction process the building will be inspected for stability. If any stability issues arise works will stop immediately made safe and secure and structural engineer will be consulted for further advice.

On completion of structural demolition, the slab and foundations will be broken out using excavators fitted with hydraulic breakers. Where foundations are removed the sides of the excavation will be protected with signage and suitable barriers as required before being battered back to approx. 45°.

A portion of the demolition arisings will be used to temporary fill the excavation and compacted with the 360 tracks

All other surplus materials for removal will be removed from site either in skips or tipper lorries designed for that purpose by competent sub-contractors for recycling or transported to suitable licensed landfill facilities. Before leaving site, wagons will be visually checked to ensure there are no loose / protruding materials etc.

Works will be coordinated to be carried out in accordance the overall programmed period for completion.

See 'Section 10 Environmental Impacts' regarding noise, dust and vibration etc.

6.0 COMPETENCY OF THOSE INVOLVED

All site supervision will be suitably trained and hold the relevant CCDO or CITB SSSTS/SMSTS Supervisor / Manager qualification.

All machine drivers will be Health & Safety tested and hold the relevant CPCS card appropriate to the machine being operated.

All demolition operatives shall be CCDO / CSCS card holders as appropriate & are Asbestos Awareness Trained.

Operatives will have received additional specific training such as IPAF and PASMA etc as required for the tasks being undertaken.

Operatives will each hold copies of their training certification which is held at HDUKL head office.

7.0 PLANT, EQUIPMENT & INFORMATION PROVISION

Any plant required to carry out the works will be announced prior to delivery on site. Notwithstanding it is expected that the following items of plant will be required:

- 2 x Demolition Specification excavator with attachments
- Oxy-propane hot cutting equipment (If required)
- Task specific fire-fighting equipment (extinguishers, fire blankets & the like)
- Emergency equipment (spill kits etc)

All plant and equipment will be tested accordingly such as LOLER, PAT testing and the like. Certification for the above plant & operative training will be held at the work site.

In accordance with PUWER Regulations, mechanical, electrical and access equipment will be visually checked on a daily / weekly basis as appropriate (see relevant SSOW for further guidance).

All static plant will be positioned on a plant nappy.

In addition to current RAMS, the following information will be displayed and made available as required:

- HSE Health & Safety Law Poster
- Section 80&81
- F10 HSE Notification

- Emergency Hospital Route
- First Aid (Person & Location of Supplies)
- Construction Phase Health & Safety Plan
- Asbestos Survey & Removal Certification
- Services Locations
- COSHH Information
- Safe Systems of Work & General Procedures
- Operating Manuals

8.0 GENERAL ARRANGEMENTS

Traffic Management

Drivers of all vehicles will adhere to the site traffic management plan, indicated routes and speed limits on site. Where not in place drivers will not exceed 10mph on site and a banksman in attendance during reversing and loading etc.

Welfare

Our client will provide suitable and sufficient welfare provision in compliance with CDM 2015.

Out of Hours Site Security

Site security will be provided by the client for the duration of our works

Keys will be removed from machinery when not in use and all security measures such as cab guards installed each night.

Record Keeping & Provision of Information

During and on completion of the demolition work relevant information for inclusion in the Health and Safety File for the project will be made available to the Principal Contractor.

Transfer of hazardous waste to landfill sites will be recorded on Environment Agency pre-notes, materials removed to scrap yards or for reprocessing will be logged and recorded on load tickets issued to vehicle drivers and recorded on our own waste transfer notes.

9.0 EMERGENCY PROCEDURES

First Aid

The client will provide all first arrangements and facilities.

Accidents/Incidents

All accidents, incidents and near misses are to be recorded, monitored and investigated as required in accordance with SSOW01. All accidents are to be recorded in the accident book; this will be located in the site office next to the first aid kit. The client will be made aware of all accidents as soon as reasonably practical.

All on site incidents giving rise to an absence of more than 7 working days will be reported to the HSE under RIDDOR. All RIDDOR incidents and any safety related incidents or accidents will be reported to the clients HSQE Manager at the earliest opportunity.

Emergency Procedure (spills etc)

Spill kits will be available during the works, these will be available next adjacent to the fuel bowzers on each individual machine and within the site offices.

All operatives will be trained and competent in spillage response procedures.

Other Emergency Procedures/Special Requirements

In emergency situations:

- The client will retain Control.

10.0 ENVIRONMENTAL IMPACTS

COSHH Exposure

The following materials are known to be present, will be used, or produced during our works:

Form							
	Toxic	Explosive	Corrosive	Hazardous to the environment	Flammable	Pressurised Gas	Other
Propane		Y			Y	Y	
Oxygen		Y			Y	Y	
Diesel	Y			Y			
Petrol	Y			Y			
Hydraulic Oil	Y			Y			
Engine Oil	Y			Y			
Greases	Y			Y			
Silica Dust				Y			Y
Asbestos							Y
Spray-tak	Y			Y			
Exp Foam	Y			Y			
Disinfectant	Y			Y			

COSHH assessments detailing handling and disposal requirements will be made available for all such materials.

COSHH Storage & Segregation

110% bunded fuel bowzers c/w pump and nozzle will be delivered to site which will be used to fill excavators and plant. Spill kits will be made available when re-fuelling and the case of leaks etc. Bowzers will be filled by road going fuel tankers.

Oils and containers containing harmful liquid will be stored in secure and signposted areas in accordance with the product safety data sheet recommendations and shall be appropriately ventilated and bunded.

In accordance with SSOW39, gas and oxygen bottles will be stored separately in secure, ventilated and signposted areas such as cages / fenced off compounds.

Cleanliness of Surrounding Roads & Footpaths

Hyde Demolition site manager / supervisor will monitor this on a daily basis and instigate cleaning procedures as and when required.

11.0 DOCUMENT APPROVAL, REVIEW & BRIEFING

Approval and Review

RAMS are to be approved by the HDUKL management team prior to issue.

RAMS are to be submitted to the client for their approval prior to works commencing as and when required.

Suitability of the RAMS are to be continually monitored by the Site Manager/Supervisor throughout the works. During the execution of the site activity the HDUKL site manager will be empowered to make minor amendments or adapt the method of working in response to actual site conditions and hazards encountered and will be required to amend this document manually and inform the site operatives and client accordingly (see Document History).

Suitability of the RAMS are to be reviewed by the Contracts Manager, Operations Manager and SHEQ Manager following information received and site visits etc.

Briefing

The HDUKL Contracts manager shall brief the Site Manager / Supervisor of the contents of the RAMS prior to works commencing.

The Site Manager / Supervisor shall brief all site personnel of the RAMS contents during a site-specific induction and update as necessary throughout the works by means of daily briefing and toolbox talks etc.

All site personnel shall sign the document in Appendix B to say they have read and been briefed on the contents and fully understand the method of works before commencing any works on site.

The HDUKL site supervisor shall carryout Daily Activity Briefs to all operatives on site which will detail the site activities for that day and any changes to work methods etc.

Specialist sub-contractors will be monitored daily and weekly progress co-ordination meetings will be held and documented, as necessary.

12.0 MONITORING & REVIEW OF THE WORKS

HDUKL Site Manager / Supervisor will be on site at all times and will monitor and record suitability of methodology, resources, progress, and information as required.

Monitoring will be undertaken as work proceeds to ensure compliance with the method statements, to highlight any changes to the anticipated hazards relating with this activity and to comply with the requirements of the SHEQ Management System.

The management team will undertake regular Senior Management Tours and the SHEQ Manager may undertake detailed several site audits throughout the project.

Associated Risk Assessments: RA01 (Abrasive Wheels); RA7 (Debris Removal); RA10 (Dust); RA12 (Tracked Excavator); RA14 (Fire); RA18 (HAVS); RA19 (Non powered hand held tools); RA20 (Sharps); RA21 (Hot Works); RA26 (Manual Lifting); RA27 (Cherry Picker); RA28 (Noise); RA29 (Recip Saws); RA32 (Handheld tools); RA36 (Slip Trip and Falls); RA37 (COSHH); RA41 (working at Height); RA42 (Vehicle Control on site); RA46 (Working with Fuel); RA53 (Demolition); RA55 (Pulverizing of Concrete and hardcore materials);

HYDE DEMOLITION UK LIMITED

TEMPORARY STRUCTURAL SUPPORT & DEMOLITION SPECIALISTS

RESCUE PLANS

Emergency Situation	Proposed Action
Failure of upper control functions while elevated	Where the normal upper control functions fail, the operator will use the upper auxiliary controls to lower the platform safely
Failure of the operator to be able to operate the MEWP functions while elevated due to one of the following reasons: A. Operator incapacitated B. Auxiliary functions fail to operate from upper control station	Where the operator is incapable of lowering the raised platform using the upper controls, an appointed person familiarised in the use of the 'ground' controls will lower the platform safely using the normal ground controls
Failure of normal ground controls	Where the normal ground controls fail, an appointed person familiarised in the use of the 'ground' controls will use the ground auxiliary controls to safely lower the platform
Failure of ALL normal and auxiliary lowering functions	Where all normal and auxiliary functions have failed, a competent and authorised service engineer should be contacted