

Project No. D1032– Demolition RAMS
Risk Assessment Method Statement [RAMS]
Park House, North Manchester General Hospital, Crumpsall, M8 5RB
To be read in conjunction with CPP and all relevant associated paperwork



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Method Statement Title:

Demolition RAMS

Method Statement Number:	01	Version Number:	A
Prepared by:	Name: Colm O'Rourke	Signed: COR	Date: 19/12/24
Reviewed by:	Name: Declan O'Connell	Signed: DOC	Date: 19/12/24

Revision Detail:

Version Number:	Revision Detail and Issue Status:	Completed by:	Issue Date:
A	Original	C O'Rourke	19/12/24

PART ONE:

Method Statement Details:

Project Number and Name:	D1032	Contracts Manager:	Colm O'Rourke
Project Address:	Park House, North Manchester General Hospital, Crumpsall, M8 5RB		
Method Statement Title:	Demolition RAMS		

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Method Statement Number:	01	Version Number:	
Anticipated Start Date:	20/1/2025	Anticipated Duration:	10 Weeks
Site Working Hours:	Monday-Friday: 08:00-17:00hrs	Saturday: 08:00-13:00hrs (to be agreed)	Sunday: None

Location of Works:
Park House, North Manchester General Hospital, Crumpsall, M8 5RB

Introduction

This method statement details the procedures, sequence and method of work to be used to carry out the demolition of the buildings. No work is to be carried out outside the scope of this Method Statement. If unforeseen circumstances are encountered, work will be stopped, a revised method will be adopted, and a re-briefing will take place prior to carrying out any further works.

No work is to be carried out until a permit to commence has been obtained and necessary isolations have been completed. All required permits to demo, hot works etc. are to be in place and signed off prior to commencing any works.

This document is to be read in conjunction with the Site Construction Phase Plan (CPP).

Overview of Scope:
Site set up Logistics Plan Service Isolations Soft Strip Demolition works. Clear Site.

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PART TWO:

Supervision and Works Management:

Names of Demolition Supervisors:	CCDO/CSCS	CPCS/NPORS	SMSTS	SSSTS
H Ramsden	Yes	Yes	No	Yes
J Skeats	Yes	No	Yes	Yes

Sub-contractor Management:

Sub-contractors Used:	No	Subcontractors' RAMS [Approved]	No
1. NOT APPLICABLE		2. NOT APPLICABLE	

Significant Hazard and Risk Identification:

Who Might be Harmed?

Site Operatives	Yes	Third Parties and Public	Yes
Other Contractors	No	Environment	Yes

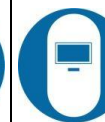
Hazard Identification:

Slips, Trips and Falls	Yes	Access and Egress	Yes
Manual Handling [see Appendix for Assessment]	Yes	Lighting – general and task	Yes
Plant and Machinery	Yes	Hand Tools	Yes
Excavations	Yes	Vibration (Reciprocating Saw only- Personal PPE)	Yes
Confined Space	No	Noise (Reciprocating Saw only - Personal PPE)	Yes
Traffic Management	Yes	COSHH [see Appendix for Assessment]	Yes
Lifting Operations	No	Dusts and Fumes	Yes
Fire and Hot Works	Yes	Asbestos	Yes (removed by others)
Work at Height	No	Fall of Materials	Yes
Other [state]	No		

Required Operative Competencies:

CCDO [Demolition]	Yes	JIB / ECS [electrical]	No
CPCS [Plant]	Yes	FASET [nets / rope access]	No
CISRS [Scaffolding]	no	Abrasive Wheels [Stihl saws]	No
CSCS [General]	Yes	First Aid [at Work / Appointed Person]	Yes
Asbestos Awareness [Demolition]	Yes	Fire Awareness / Marshalls [Hot Works]	Yes
PASMA [Mobile Towers]	Yes	IPAF [MEWPS and SPB's]	Yes
Other [state below]	No		

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Personal Protective Equipment Requirements:										
PPE Type					Required	Details and Specification Required				
Hard Hat / Safety Helmet [impact levels]					Yes	3-Point PPE as a minimum with glasses and gloves task specific				
										
Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	
PPE Minimum Specification:										
Hi-Vis Clothing [high speed roads, railways, DLR]					Class 2 Yellow Hi-Vis Vest					
Protective Footwear [toecap, midsole, slip, chemical]					Boots, including ankle support, toecap, and midsole					
Gloves [abrasion–cut–tear–puncture / chemical]					Mechanical hazard rating [4-1-3-1]					
Eye Protection [glasses / goggles – impact, dust, liquids, welding]					Impact Glasses for general use. Task Specific Medium/Heavy Energy Impact Goggles with dust protection (confirm sufficient for task before use)					
Respiratory Protective Equipment [dust / fume]					FFP3 Dust and Mist disposable half masks (task specific)					
Hearing Protection [Ear Plugs / Earmuffs]					Earmuffs / Plugs with SNR Rating (task specific – Reciprocal Saw)					
Protective Overalls [Contaminated Land / COSHH / Asbestos]					No (task specific)					
Other:										

Personal Fall Protective Equipment Requirements:	
Are 'Work at Height' operations required during the completion of the works?	No
Has the 'Work at Height Regulations' hierarchy for management and selection of work equipment been applied?	No
Full Description of 'Work at Height' Operations required and work methodology:	
Operation 1.	
Operation 2.	
Fall Protection Equipment Required:	Yes
Operation 1.	
Operation 2.	
Designated anchor points to be used for the works:	YES / NO
Operation 1.	
Operation 2.	
Has a work at height rescue plan been developed?	Yes

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The following are intended to provide an overview of the project giving an outline of the work to be conducted and the systems of work to be adopted.

Logistic Plan

The project is located on the North Manchester General Hospital site, site access / egress will be existing roads and hardstanding. All loading will take place within the site boundary, no parking or queuing will be allowed outside of site. Vehicle movements will be controlled to avoid peak times (8.00 to 9.30 and 15.30 to 17.00) and obstruction to pedestrians. All access / egress to site will be controlled by appointed Traffic Marshal.

Vehicle movements will vary between 1-2 vehicles daily. Wheels on all deliveries will be kept clean by design with all deliveries confined to clean hardstanding.

Welfare

Welfare facilities are to be located within the site boundary within fenced off compound area, in the agreed location.

The site Welfare will include site office, canteen, drying rooms, meeting / induction room and toilet with toilet facilities appropriate to the number of staff anticipated on site.

Hot and cold running water is provided with facilities for heating food and water for drinks. Competent first aiders commensurate with the number and location of workers shall be available on site as will first aid equipment. Location and identification of first aiders and first aid kits will be provided.

Hoarding

Block and Mesh fencing will be erected around demolition works to provide a secure works area. Site access will be off Ellis Dr.

Security

No unauthorised persons to be allowed on site. Work hour site security to be always controlled by the O'Connell's.

Signage and access control

Fix warning signs at site entrance / exit points and around work perimeters detailing the potential hazards of the area. Works specific signs will be located in prominent positions on the floors whereby their warnings can be clearly read, and their instructions complied with. Maintain signs in good and legible condition throughout the course of the works. Liaise with other contractors working in close proximity.

A general rule shall be applied of NO ACCESS to demolition work areas and drop zones. Whilst demolition is in progress the Site Manager has absolute control of the working area. Anyone wishing to access the area SHALL ONLY DO SO WITH HIS EXPRESS PERMISSION and will normally be accompanied during any site inspection. It will become necessary during demolition tasks of significant size to implement a permit to enter system; this will be controlled and issued by Site Manager.

Induction Training & Site Specifics

Prior to commencement of any work operations, all staff and operatives will receive site / project specific induction training. The induction training will emphasise the policy and objectives of the project, the potential hazards of the site, specific site rules, access / egress routes, fire drill and firefighting procedures, as well as both generic and site-specific risks and control measures. Subject to current workload, if further labour resources are required to support our existing workforce, they will be sought, interviewed and employment commenced during the Site Establishment phase. Only experienced labour that can, through current training and reference, demonstrate a suitable level of competence will be employed on the contract. Local labour will be employed by O'Connell wherever possible.

Suitably trained operatives will be adequately incorporated into the workforce, together with first aiders, fire marshals and traffic marshal/Banks men.

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Services

O'Connell Contracting will check for live services before works commence, all services will be isolated back to incomings, isolation certificates will be issued. Client to issue certs of disconnection prior to works commencing.

Note – Existing live service to the Substation will remain live for the duration of the works

Dilapidation Survey

A photographic dilapidation survey of roads, pathways and surrounding areas will be undertaken prior to works commencing, copy of survey will be distributed to Client.

Asbestos

Asbestos removal by others

Scaffolding

N/A

Party Wall Works

We are not aware of any party wall agreements are in place.

Temporary Works Requirements

Temporary support may be needed, a structural engineer will be engaged to design / issue drawings and calculations if appropriate if propping is needed.

Structural Assessment

Prior to the demolition commencing a full structural assessment of the site will be undertaken by O'Connell Management team to ascertain the sequence of works. This will be strictly followed by the on-site management team.

Archaeological Works

N/A

Tree Removal

Tree removal by others

UXO

N/A

Sharp Sweep

We will undertake sweep of site, as site has been unoccupied for a period.

Salvaged Items

To be advised by Client (if any).

Soft Strip

This will be carried out after the asbestos removal and when clearance certificates have been issued by the asbestos contractor.

- In the unlikely event that asbestos material is found during the soft strip, the area will be secured, the supervisor notified and the area handed over to asbestos removal contractor who will organise a re-survey of the suspect material and remove accordingly.
- The soft strip waste material on the first floor will be dropped by hand into the designated drop zones for processing and segregated for removal off site. This will be coordinated by the site manager and the banksmen
- The courtyard areas and play areas will be designated material processing areas
- All soft stripped material from the ground floor will be carried from the buildings to the processing areas where it be loaded into skips by excavators and removed from site.
- Working from the top floor down the following items will be broken out/removed using hand held tools including reciprocating saws, nail bars and sledge hammers back to the structure:

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M&E Removal

- An isolation certificate shall be reviewed before works begin.

Fixtures and Fittings

Any loose fixtures and fittings remaining of a manageable size be removed from the building whole, taken to the loading area by hand before being loaded directly into the waiting waste skips, larger elements will be dismantled/downsized using small tools, reduced into manageable sized sections and again transported to the disposal point.

Suspended Ceilings

Suspended ceilings will be removed via mobile scaffold tower or scissor lifts (pending the room available), tiles will be lifted and twisted from the suspension system and lowered to the ground. Tiles will be bundled and then be periodically loaded into the waste skip. Suspension system will be dismantled as tiles are removed with supports cut with croppers, the system then loaded directly into waste skip.

Doors, Door Frames & Skirting

Door frames and skirting will to be removed by operatives using pinch bars and hammers. The items are to be gradually prised from their place of fixing, any obtrusions and nails are to be removed or hammered over with all resultant materials then being transported for disposal. Doors will be removed by operatives stripping off the door furniture, prising the door from its hinges again utilising pinch bars and mattocks, doors will then be either downsized for ease of disposal or carried whole to the disposal point.

Partition Walls

Stud partitioning is to be removed by the operatives using suitable hand held tools, namely pinch bars, picks and hammers. The wall structure is to be dismantled by removing the coverings using the hammers and pinch bars. Once exposed, the remaining stud work is to be prised free and de-nailed or have nails hammered over. Resultant arising's to be transported to the loading area.

Floor Coverings

Wooden floor coverings are to be removed by the operatives' using mattocks and shovels. Carpet tiles and vinyl floor tiles are simply to be prised up using hand tools, then bundled and taped with resultant materials transported to the disposal point. Carpets of a roll-able nature will be cut into strips, whilst still laid, and then rolled up for collection in strips, these will then be transported to the disposal point.

Glass unit's \ Windows

Any internal glass units will be removed as complete units where possible. The glass will be handled with care and placed into skips to be disposed of in a safe manner.

Fluorescent tubes

Any fluorescent tubes are to be removed as if being changed, bulbs collected and placed into a specialist waste coffin, this stored on site during soft strip works, removed as specialist waste once all bulbs are removed.

COSHH

In addition, any discarded, unidentified cylinders/drums/containers will be collected and tested for contamination and placed in a COSHH store on site. Once all COSHH items have been identified and stored a specialist waste sub-contractor will collect and dispose of accordingly. Soft strip materials on ground floors will be carried outside of the building and piled in their different waste streams.

Work at height is generally limited to underside of slab above usually requiring access to less than 4 meters. Access is achieved from small scaffold towers, tagged and erected by a competent person, or from "Podium" steps effectively a cross between a ladder and a scaffold, having the ease of use of a ladder but with the stability of a tower.

Work at Height

Scissor lift MEWP and/or mobile scaffold tower will be used as a collective measure. A permit to work at height will be issued by the site management before the tasks commence.

Cutting Works

Cutting operations are typically with reciprocating saws, operators being trained to use and equipped with goggles and hearing protection.

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Structural Demolition

Works will be executed in accordance with BS6187: 2011 Code of Practice for demolition works and The Construction (Design & Management) Regulation Act 2015. O'Connell Contracting Management Team will undertake a structural assessment of existing building and will produce a project note on the proposed demolition methodology. Any requirement for temporary support to enable demolition works to proceed will be designed by structural engineer and agreed with Client.

Most of the proposed structural demolition of the buildings shall be undertaken by mechanical means, significantly reducing the HAVS exposure to our operatives. O'Connell Contracting endeavour to use modern, effective and optimal hand tools to reduce HAVS exposure. All operatives will work within the HAVS guidelines stated within each tool operating manual, their duration and the tools vibration level will be recorded to ensure the operatives do not become over-exposed.

O'Connell's will ensure that all necessary precautions are taken to protect their staff from hand arm / whole vibration syndrome through a good management of HAV's.

We will work in accordance with the British Standard 5228:2009 Part 2 provides guidelines on the acceptable vibration levels during the demolition. The guidance in the British Standards gives a vibration limit of 15mm/s above which cosmetic damage to neighbouring buildings may occur; the demolition works will be carried out in such a manner as to ensure that this limit is not exceeded.

Dampening mechanisms will be attached to all mechanical plant as a minimum and regular break will be written into our RAMS as a minimum. Assessments will be undertaken before work commences.

An exclusion zone will be created using block and mesh fencing, with the area controlled by Site Manager to prevent access to area by third parties.

The buildings will be demolished in a sequential manner as follows:

- Once soft strip and asbestos removal completed in areas identified demolition work will commence.
- Live underground sewers and water at site boundary to be protected throughout works.
- Using 360-degree excavators with various demolition attachments and hand demolition techniques the buildings will demolish section by section / floor by floor ensuring the are always self-supporting. (refer to sequence drawing)
- An exclusion zone will be created using block and mesh fencing along the boundary wall to protect third parties during demolition process.
- Spoil will be processed by another machine on the ground floor.
- Operative using oxy-propane cutting equipment will cut up the rebar working under hot works permit as works progress if required.
- Spoil will be segregated into single waste type according to EWC and cleared from site at licensed waste sites. Consignment notes will be issued for all waste taken from site.

Dust suppression will be gained by an operative using a fine water spray. The operative will be positioned in a safe position away from the machine and from any falling debris. An exclusion zone will be created around the building to be demolished and will have warning signage displayed. A physical barrier between plant and the water suppression operative will be created using metal crowd barrier fencing and will be positioned a minimum of 3m away from machine slew circle. Dust emissions will be monitored, and methodology will be reviewed if emissions become an issue.

All work and plant operations shall be carried out by skilled tradesman / operatives trained in the use of the trade for which they are employed. Only certificated drivers shall be allowed to operate machinery on site.

All traffic / site movement be controlled by a traffic marshal.

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Site phase plan overview

The demolition will follow the asbestos removal and soft strip of the buildings.

Removal of roof mounted plant

- The plant room equipment (water tanks, air handling units etc) will be cut up into manageable sizes and stored locally until a drop zone is in place to assist with removal.
- Sections will be cut out utilising a mixture of electrical and petrol grinders, electrical reciprocating saws and oxygen / propane gas.
- All hot works will be subject to a permit to work system.
- Leading edges will be protected with a suitable hand rail that will be progressively erected as soon as the plant has been removed for access.

Demolition Sequence

- Protection will be installed around the UKPN substation to avoid any damage during the demolition works.
- Demolishing the link walkways early will open the site up for access. This is key for the project to be complete in the 10week programme
- The buildings vary in construction types but are typically steel and masonry construction.
- The roof coverings consist of traditional pitched roofs with slates or tiles and insulated roof cladding. The roofs will be removed by the excavators using the selector grab attachment. This will avoid operatives working at height and manual handling.
- The materials from the roof will be segregated for disposal using the selector grab into their individual waste streams i.e. wood, insulation, tiles, slates etc
- The machine operator will demolish the structure using a pulveriser attachment that will munch down the walls, carefully separating wood and insulation out of the hardcore.
- The first floor will be progressively cleared of the demolition arisings to avoid overloading
- The structure will be demolished level by level with the pulveriser to ground bearing slab level
- The materials will be cleared from each phase before moving onto the next block

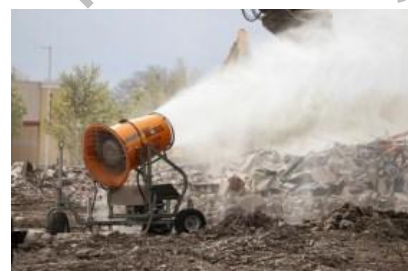
Hold point – Phase 4 date to be agreed, as the buildings are still tenanted until mid-February

Noise and Dust

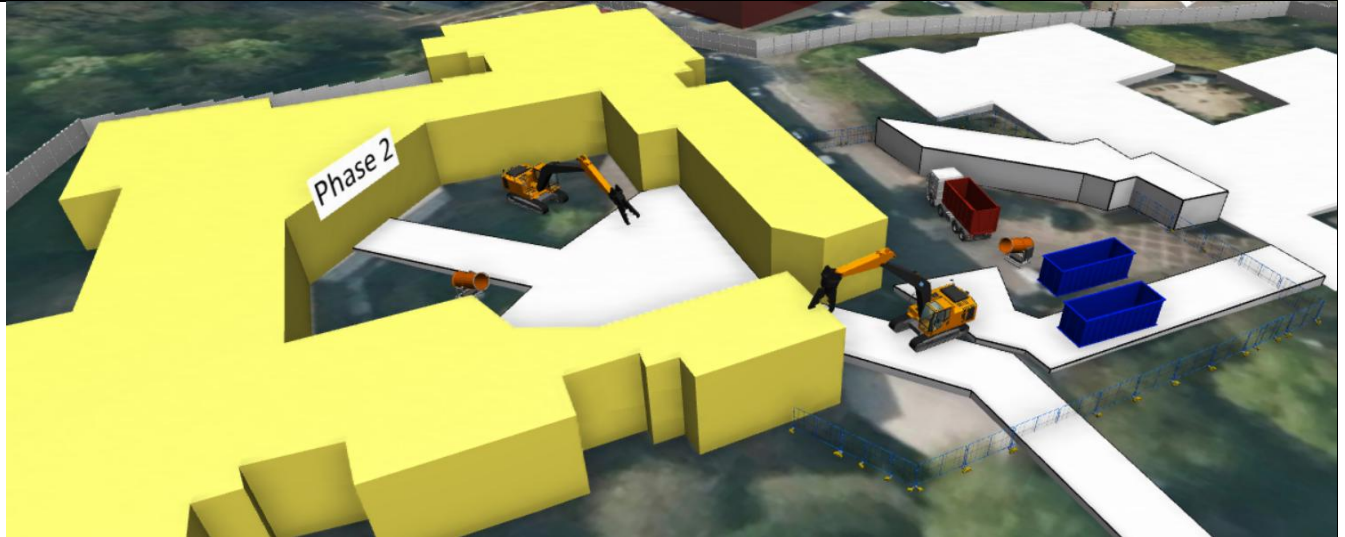
- All noisy plant will be situated away from the site boundary and the local residents. Where applicable noise blankets and screens will be utilised to suppress the noise.
- O'Connells will work inside the agreed noise limits at all times.

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- The dust on site will be controlled by water cannon dust suppression system. This system sprays a fine mist of water off the demolition works keeping the dust to a minimum.
- Dust screens will also be used where the building is close to the site boundary
- The dust will be continually monitored by our site team. Works will stop if a section of the demolition is particularly dusty and the area damped down before restarting.

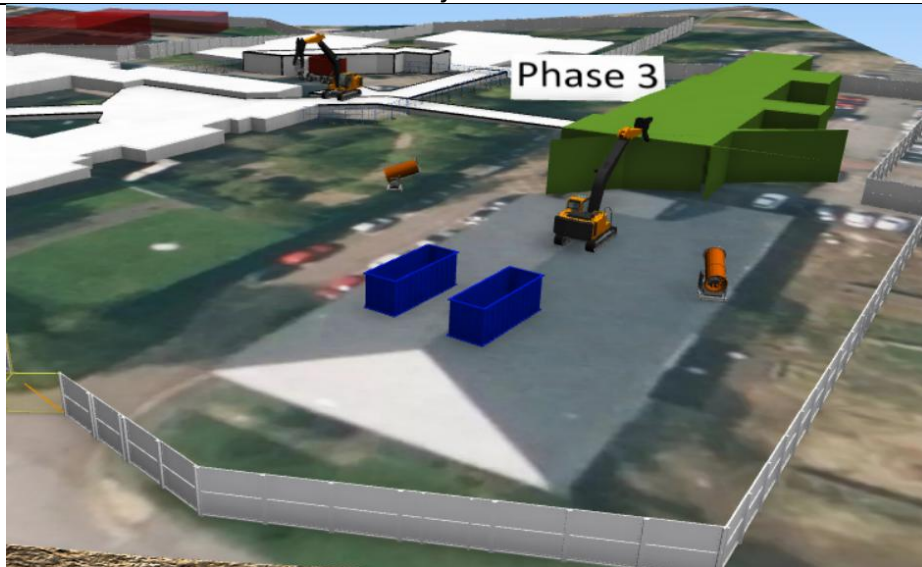


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Phase 2 Demolition

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Phase 3 Demolition and Welfare Installation

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Phase 4 Demolition

Environmental impact of Structural Demolitions

O'Connell Contracting propose to undertake demolition methods in order to reduce noise, vibration by utilizing pulverizing attachments in lieu of percussive hammers wherever possible.

To reduce noise and vibration the following control measures will be adopted.

Noise Management

Due to the sensitivity of the location a noise levels will be recorded prior to and throughout the project by the Main Contractor.

Handheld noise monitors will be used at agreed location points on the perimeter to ensure target levels are not breached from the chosen method of demolition.

These will gauge the effectiveness of the control measures. If the measures are considered unacceptable, then revised methods / timings for the contravening demolition activity will be developed and proposed. Noise levels will be taken on a regular basis using handheld noise monitoring equipment at selected locations around the site where various items of plant are working.

Note: -All plant will meet the European stage 111B emission criteria – as all plant to be used on this site will not be older than 2007; manufacturers had to comply with European Legislation which prevented anything being constructed that did not comply with Stage 111B from this date. All serial numbers and manufacturer's information will be held on site to demonstrate compliance.

Noise Control Measures

To ensure the previously described environmental impacts are kept to a minimum the following control measures will be implemented for the duration of the project:

- All demolition works will use 'quiet' hydraulic powered demolition pulverising attachments where possible.
- All lorries will be sheeted prior to leaving the site.
- Each section of the project will be planned to ensure all noisy working requirements are identified along with the timescales so such information can be advised to all concerned parties. There will be no site working during any anti-social hours.
- The use of fully serviced plant with fully operational exhaust systems
- Ensuring all plant engine covers are kept closed at all times.
- All site plant not in use will be shut down and not left idling on site.
- All provided site generator plant will be of the new 'whisper' operational type.
- The shouting out of instructions on site will be strictly forbidden, all site management and supervisors will be issued with site communication radios.

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- There will be no noisy working during any 'anti-social' hours or hours determined by the contract or in liaison with the local business and residential communities.
- The playing of radios etc on site will be strictly forbidden at all times
- The sounding of vehicle hooters on site or in any adjacent street will be strictly forbidden at all times
- No commercial vehicles will be allowed to park in the adjacent streets waiting for access to the site, particularly with engines left 'ticking over'
- Where possible all site plant will be effectively silenced and located in such areas of the site so as to cause the minimum amount of noise migration to areas beyond the site boundary.
- Maximum noise generation levels will be determined for each major item of plant from such information as supplied by manufacturers or company noise monitoring records. This will enable the potential level of noise generation to be anticipated.
- Where appropriate to minimise noise emissions from within the building work areas all glazing will remain in place for as long as possible.
- There will be no site activities or plant engines started or lorry movements to and from the site made before 8am and not after 6pm
- All plant deliveries and collections plus all waste management requirements will be coordinated to ensure the noise impact from all such vehicle's movements on the community is kept to a minimum and is within agreed times.

Vibration Management

Levels of vibration will be monitored by site team on daily basis. If complaints are received about the vibration levels, the method of works will be reviewed and adapted where possible.

Air Quality Management

Any emissions of nuisance dust and fine particulates emissions are to be adequately controlled and kept within acceptable limits. Therefore, having a potential impact on the local environment, the air quality relating to nuisance dusts and airborne particulates from the demolition works and operating plant will be continuously monitored for the duration of the project using hand held monitors working to an agreed protocol.

The monitoring will measure:

- Dust emissions from the ongoing demolition processes.
- Vehicle exhaust emissions from the operational demolition plant
- Exhaust emissions from vehicles accessing and egressing the site.

Air Quality Control Measures

To ensure the previously described impacts are minimised the following control measures will be implemented during the demolition project:

- Those demolition work areas generating dust will be liberally damped down using hoses and possibly dust busters
- All demolition debris prior to being loaded on to waste lorries will be damped down by the controlled use of fine water sprays
- All demolition waste lorries will be sheeted over prior to leaving site
- All site plant and waste collection lorries engines will be maintained in a fully serviced condition to ensure there are no smoke emitting exhaust pipes
- To minimise the emission of exhaust particulates all site plant will be post 2007.
- The movement of all commercial vehicles particularly waste lorries to and from the site will be pre planned to prevent unnecessary vehicle movements
- All contained refrigerant gases or other hazardous substances having an adverse impact will be removed by a specialist licensed sub-contractor for disposal in accordance with the hazardous waste regulations, at no time will venting to atmosphere of such materials be allowed
- At no time will substances or chemicals be used on site which are likely to produce offensive odours
- At no time will the burning of any demolition materials be allowed on site

The company has examined many ways of maximising re-use of materials and routinely expects to recycle 90.00+% of the buildings to be demolished in accordance with the site waste management plan.

The traffic marshal will be always used to coordinate all vehicle movements into and out of the loading area.

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Once the full hand over procedures have taken place and O'Connell have taken control of the site works, at no point will access be allowed into the site demise without prior arrangement and pre-planning with the site team.

Other Trades –

Only O'Connell demolition operatives are to work within any live demolition areas. Other trades that require access to the working area will have to obtain a permission to enter from the site team and authorised by the Demolition supervisor. All third parties are to be always escorted by a demolition operative.

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Statutory Inspections, Site Monitoring and Certification Requirements:			
Working Platforms / Scaffolding	Yes	Mobile Tower, Ladders and Podium Steps	Yes
Excavations	No	Cofferdams and Caissons	No
Confined Space Escape Sets Certification	No	Vibration Exposure	Yes
Gas Monitor Calibration	No	Manual Handling	Yes
Noise Assessments	Yes	MEWP or SPB 6 monthly certification	Yes
COSHH Assessments	Yes	Lifting Plant 6 or 12 monthly certification	No
PUWER and Weekly Plant Checks	Yes	Lifting Equipment 6 monthly certification	No
PAT Testing Certification	Yes	Fall Restraint or Arrest Harnesses	No
CAT and Genny Certification	Yes	EDM, Survey and Laser Level Calibration	No

Permits, Hold and / or Control Points:			
Permit to Work [At Height]	Yes	Permit to break ground	No
Hot Works Permit	Yes	Confined Spaces Permit	No
Permit to Work on or Near Live Electrics	Yes	Mobile, HIAB and Crawler Lifting Permit	No
Permit to Demolish	Yes	Permit to Pump Concrete	No
Environmental or Ecological Watching Brief	No	Quality Control or Inspection Test Plan	No
Other [state]	No	Clerk of Works or Building Control Inspection	No

Plant, Deliveries and Work Equipment			
Operated Plant:			
Excavator [all sizes]	Yes	Articulated Dump Truck [all sizes]	No
Dumper [all sizes]	Yes	Compaction Rollers [all sizes]	No
MEWP's [all sizes]	No	Mobile or Crawler Crane [all sizes]	No
MEWP's / Scissor Lifts [all sizes]	Yes	Self-Propelled Booms / Cherry Pickers	No
Lorry Mounted Concrete Pump [all sizes]	No	HIAB or Grab Lorries	No
Other [state]	No		
Anticipated Delivery and Waste Removal Vehicles:			
8 Wheeled Lorries	No	HGV Articulated Delivery Lorries	No
Other [state]	No	Waste Skip Removal Lorries	Yes
Small Plant and Work Equipment:			
Compressors and Generators	yes	Breakers and / or Demolition Picks	yes
Compaction and Wacker Plates	No	Heavy Duty, Hammer and / or Rotary Drills	No
'Stihl' Saws, Grinders and / or Abrasive Wheels	No	Skill, Rip, Circular and / or Jig Saws	Yes

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Plant, Deliveries and Work Equipment			
Mobile Scaffolds, Podiums and Ladders	Yes	General Site Lighting e.g. Tower Lights	No
Cable Locating Devices / CAT and Genny	Yes	Task Specific Lighting	Yes
Utility Hole and Trench Boxes and / or Sheets	No	Lifting Equipment, Slings and Chains	No
Other [state]			

Lifting Plans and Operations: [delete as applicable]			
Lifting Plans Required:	Yes / No	Appointed Person:	
Lifting Plan Title:		Document Number:	Lifting Plan Risk Category:
1.			
2.			

Temporary Works: [delete as applicable] [see Appendix for TW Design and Calculations]			
Temporary Works Required:	Yes / No	TW Co-ordinator:	
Temporary Works Title:	Document Number:	TW Risk Level:	Third Party Check by:
1.			
2.			

Materials and COSHH			
Materials to be Used:			
As per coshh assessments			
COSHH Materials to be Used: [see Appendix for COSHH Assessments]			
As per coshh assessments			
COSHH and Materials Storage Arrangements:			
Location [state]	YES / NO	Lockable	YES / NO
Emergency Spill Kit Available [Chemical]	YES / NO	Bunded	YES / NO

Refuelling Arrangements:			
Designated Static Refuelling Area	YES / NO	Location [state]	YES / NO
Emergency Spill Kit Available	YES / NO	Double Bunded and Lockable Unit	YES / NO
Mobile Bunded Refuelling Bowser	YES / NO	Designed Fuel or Gerry Cans	YES / NO
Plant Nappies and / or Drip Trays	YES / NO	Emergency Spill Kit Available [Oil]	YES / NO

Environmental, Ecological and Archaeological: [delete as applicable]			
Contaminated Land	No	Hazardous and Controlled Wastes	No

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Environmental, Ecological and Archaeological: [delete as applicable]			
Invasive Weeds [e.g. Japanese Knotweed]	No	Watercourses, Rivers, and Streams	No
Protected Trees and / or Monuments	No	Protected Species and / or Habitats	yes
Archaeology	No	Other [state below]	No
Watching Briefs Required	No		

Sanitary and Welfare Facilities Arrangement:			
Static Units	Yes/part	Location	
Mobile Units	No	Location	
Facilities Available – Toilets	Yes	Facilities Available – Rest Area	Yes
Facilities Available – Hand washing	Yes	Facilities Available – Drying Room	Yes
Facilities Available – Showers	No	Other:	

Sub-contractors and 3rd Party Impacts, Communication or Co-ordination Requirements:		
Traffic Management and Diversions [state]	No	
Wide or Abnormal Loads [state]	No	
Emergency Arrangements [state]	No	
Exclusion Zones [state]	No	
Statutory Undertakers and Services [state]	No	

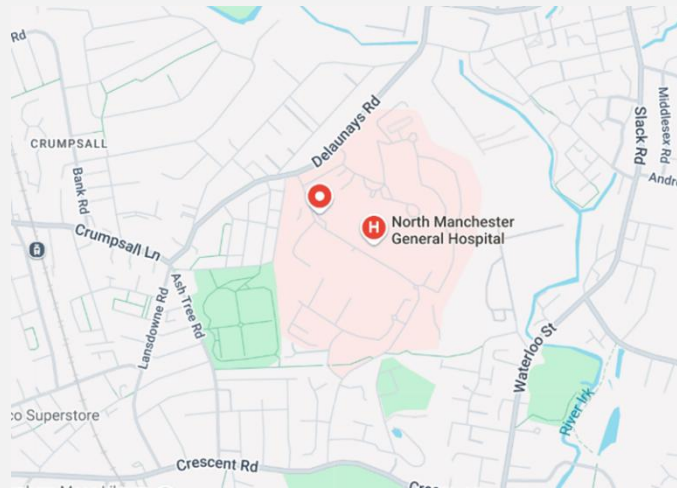
Emergency Arrangements:	
Accidents and Incidents reported immediately to:	Company Director and Contracts Manager, who will instruct a thorough investigation with a complete report written, recorded, and made available to the client and interested parties.
Site Medical Emergency Arrangements:	Telephone: 999

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24-Hour Accident and Emergency Arrangements:

A&E Department

North Manchester General Hospital



First Aiders:	1. TBC	2.	3.
Site Fire Emergency Arrangements:		Telephone:	
Fire Wardens	1. TBC	2.	3.
Site Environmental Emergency Arrangements: EA		Telephone: 03708 506506	
Project Specific Requirements or Any Other Business Applicable to Works:			
Not applicable			

Methodology Risk Summary and Assessment:			
Site Specific Risk Assessments: [see Appendix for Risk Assessments]			
Risk Assessment Title:	Risk Assessment Number:	Completed By:	Issue Date:
RAMS 01	A	C O'Rourke	19/12/24
Potential Severity of Work Activity:			
<u>First Aid Incident</u>	<u>Lost Time Incident / RIDDOR</u>	Major / Fatality	
Likelihood of Harm from Work Activity: [BOLD and CAPITALS as applicable]			
Unlikely	<u>POSSIBLE</u>	Probable	
Numbers of Workers Exposed to Hazards:			
<u>1 to 5</u>	6 to 15	15 plus	
Overall Risk AFTER Controls:			
LOW	MEDIUM	HIGH	

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Method Statement Communication			
Communication Methods:			
Method Statement Briefing – to be completed prior to the commencement of the works		DABS or Pre-start Briefing. Prior to the start of works daily, the Site Supervisor responsible for the works will brief the operatives on the planned and scheduled works, re-iterating the safe systems of work to be employed.	
Person[s] Responsible for Communication:			
Name: Colm O'Rourke	Name:	Name:	
Position: Contracts Manager	Position:	Position:	
Company: O'Connell Contracting	Company:	Company:	
Method Statement Monitoring and Compliance:			
Monitoring of compliance with the above method statement will be completed by:			
Name: Colm O'Rourke	Name:	Name:	
Position: Contracts Manager	Position:	Position:	
Persons authorised to update and amend above method statement:			
Name: Colm O'Rourke	Name:	Name:	
Position: Contracts Manager	Position:	Position:	
Method Statement Quality Control:			
Prepared by:	Name: Colm O'Rourke	Signed: COR	Date: 19/12/24
Reviewed by:	Name: Declan O'Connell	Signed: DOC	Date: 19/12/24

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Appendix -- A	Risk Assessments
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Activities, operations, materials, products or services	Potential safety, health or environmental hazards / impacts	Anticipated personnel potentially at risk, control and mitigation measures	
		Project Risk Level [insert decision commentary]	Control and Mitigation Measures [this list is not exhaustive and used only as a guide]
Abrasive wheels - use of	Bursting of wheel, flying fragments, use of wrong wheel / disc, misalignment, entanglement, noise, vibration, dust, spillage, competence of operatives, fire	Low	- Only trained and competent persons to operate, select and change abrasive wheels; - Correct PPE to be supplied by operative's employer and used by operatives, as identified in RA's – hearing protection, goggles etc.; - Operatives to be made aware of the effects and levels of vibration exposure; - Regular maintenance and before use checks by operatives to ensure equipment is fit for purpose; - Dust suppression systems used to reduce creation of dusts; - Segregated areas, barriers, netting or screening provided to prevent ejected materials / residues from cutting process impacting on third parties or other operations [task specific]; - Hot works permits in use, fire fighting equipment available – all works in line with the Permit;
Access / Egress – site and workplace	Injury due to slips, trips and falls, contact with materials or with mechanical plant, unauthorised access by public	Medium	- Develop a site specific TMP when PC or in control of the site; - Co-operate and co-ordinate with the PC to work within their TMP and advise of requirements to complete O'Connell works; - Identify safe access routes, discuss any changes at weekly project co-ordination meeting; - Site map placed on site EHSQ boards, in welfare units and access routes highlighted site specific site maps; - All contractors to inform O'Connells of access / egress requirements or modifications required for deliveries of plant and equipment; - All access areas are to be secured and only authorised operatives and accompanied visitors allowed on-site; - Suitable accesses to be created at workplaces for all trades;
Asbestos removal / working with	Inhalation of airborne fibres, contamination of atmosphere, contamination of work area, hazardous waste disposal, duty of care	High	- Ensure that a intrusive survey have been carried out and information is available for review prior to commencement of any works; - Arrange for licensed competent contractor to remove asbestos [where required / applicable]; - Any areas containing asbestos to be marked and site operatives made aware of presence – suitable signage to be used in the work area; - Operatives to report immediately any suspect material and to stop work until material identified; - All works to be completed within the guidelines of the relevant legislation and regulations; - All operatives are to be trained and competent in the completion of works with asbestos removal; - Daily checks completed of the work areas to ensure all control measures are working effectively and as required to eliminate / reduce the risk;

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		Project Risk Level [insert decision commentary]	Control and Mitigation Measures [this list is not exhaustive and used only as a guide]
Chemicals, Hazardous Substances - use of	Corrosive, toxic, flammable, explosive, spillages, storage, occupational health, waste disposal of products after use or spillage	Low	- Substitute with less hazardous alternatives, use different product and ensure other products are investigated to eliminate the risk where available; - Specific risk assessment to be carried out with Control of Substances Hazardous to Health (COSHH) assessment to ensure safe system is operated; - Correct PPE to be supplied by operative's employer and used by operatives, as identified in COSHH assessment and SSoW; - Store in chemical unit and in line with storage requirements; - Ensure suitable and sufficient emergency spill kits are available for use where the need arises;
Clearance - of site	Removal of protected trees, shrubs, invasive weeds, unidentified wastes or fly tipped materials, sharps and needles, trespassers or vagrants, contaminated soils and land	Low	- Check with local authority for tree protection orders etc; - Ensure ecological checks are made prior to the removal of vegetation to ensure protected species are not disturbed or inferred with; - Use of plant and equipment for clearance of trees and shrubs must be by trained and competent operators; - Operatives made aware of potential for sharps and needles. SSoW for localised removal of sharps, and LA contacted where issue is of concern; - All equipment must be fit for purpose and regularly inspected and maintained; - Correct PPE to be supplied by operative's employer and used by operatives, as identified in RA's; - Surveys for hazardous and invasive vegetation (i.e., Japanese Knotweed and Giant Hogweed) must be completed prior to commencement of works;
Debris Chutes - use of	Collapse of scaffolding, blockage of chute, poor design, poor maintenance, falls of materials, falls of persons, poor erection and dismantling.	Not applicable	- Scaffold must be designed to ensure suitability for use with Chute – temporary works design complete; - Chute to be installed / dismantled by trained operatives; - Position of chute to be considered for access of skip; - Chute to be examined at regular intervals to ensure no overloading; - A SSoW for unblocking and managing blockages must be produced and adhered to; - Skips must be covered to prevent dust egress during use; - Skips must only be removed when chutes are not in use or closed; - Exclusion zone around the base of the skips provided to ensure no persons enter a drop zone;

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		Project Risk Level [insert decision commentary]	Control and Mitigation Measures [this list is not exhaustive and used only as a guide]
Demolition – completion of	Types of structure, falls of persons, falls of materials, services, collapse of structure, health hazards, confined spaces, fire, vibration, explosion, noise, chemicals, dust, biological diseases, sharps and needles, trespassers or vagrants	High	• Only competent persons to be used (CCDO Card) • Thorough survey and examination of structure to be carried out prior to demolition i.e. asbestos survey / structural surveys; • Relevant statutory authorities to be notified as applicable; • Detailed method statement to be produced highlighting demolition sequence; • No works to commence until all utilities services are isolated; • Building and demolition area secured to protect the public and operatives; • Site secured to prevent ease of access and security to the site; • Regular checks completed for trespassers, children, vagrants and potential thieves; • Suitable and sufficient signage to be erected on secured fence line warning of dangers; • Suitable collapse zone to be provided; • Structure to be left in a stable position at end of day; • Dust suppression to be used to prevent nuisance and inhalation by operatives and to local affected parties; • Noise abatement used around high impact tasks and consideration for others in the local community;
Dust - from stripped soil areas, vehicle movements, stockpiled aggregates, demolition works etc.	Inhalation, visibility, potential for explosion / explosive atmosphere, nuisance	Medium	• Regular damping of haul roads where necessary; • Wheel washing facilities to be considered; • Road sweepers to be utilised if necessary; • Local contact to be made with local community and fostering of good relationship to provide means of communications; • Stockpiles sealed to reduce risk of up lifts from stockpiles; • Speed limits adhered to and applied to sites;
Electricity - use of	Electric shock, fire, management of cables, trailing cables / leads – slip, trips and falls, poor maintenance of equipment.	High	• All equipment used on-site to be 110v, only equipment used in site cabins and welfare unit to be 240v; • All portable equipment must be tested, certificated and regularly inspected for condition prior to use. Any equipment not meeting the desired standards must be removed for repair or replacement; • All leads must be managed and hung at high level or covers placed over leads to prevent trip hazards; • All leads must be regularly inspected to ensure they have not been damaged during use on site. Equipment found to be faulty removed from use immediately; • Battery operated equipment used where available; • Workstations positioned to prevent leads trailing across walkways;

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		Project Risk Level [insert decision commentary]	Control and Mitigation Measures [this list is not exhaustive and used only as a guide]
Electrical Commissioning and Temporary Electrics - installation and commissioning	Electric shock, fire, poor control of access to works, 'live' working, correct competence of individuals for works to be completed.	High	- Only qualified competent electricians to undertake works on electrical installations; - Works to comply with Electricity at Work Regulations 1989 and latest edition of IEE wiring regulations; - Permit to work to be issued and used for commissioning works; 'Live' working avoided where possible – only to be completed where it cannot be completed 'dead' - All temporary electrical installations and cabins to be checked yearly, or on a more frequent basis as required;
Excavators - use of	Untrained operators, poor maintenance, site conditions, reversing, loading / unloading, falls of materials, incorrect use of lifting gear, defective equipment, overhead cables, underground services, operatives adjacent to working area, failure to use 'dead mans' handle to prevent uncontrolled movements.	Medium	- Only Competent drivers to operate plant (CPCS) - No plant to be allowed to work completing lifting operations until test certificate provided and inspected for thorough examination. Where no lifting to be completed, evidence of planned maintenance or on hire check sheets must be held; - Regular maintenance to be carried out and daily recorded check to be made; - No plant to be operated unless all round 360 visibility is available – all equipment provided must be fit for purpose and operational; - If used as a lifting appliance lifting plan to be produced and the correct lifting point used for operations; - No lifting to be completed beyond the safe working load of the excavator and within the lifting plan; - Operators must be trained and familiar with the workings of the quick hitch attachment. All QH's must be fully automatic or fully manual. NO SEMI-AUTOMATIC QH's allowed within operations; - All plant must be made secure when not in use. Keys to be removed from equipment; - No working or slewing above operators; - Exclusion zone provided around the equipment and banksman provided in congested areas or where RA dictates;
Fire Prevention – management and control of	Badly positioned heating appliances, discarded cigarettes / matches, arson, misuse / faulty LPG equipment, faulty electrical apparatus, welding operations, poor housekeeping and storage of materials, storage of flammable materials, management of hot works, ventilation.	Medium	- O'Connell's to produce site fire plan and risk assessment; - Emergency escape route and muster point identified and known by all. Briefed in inductions and clearly signed; - Site fire call points and fire fighting equipment to be provided in convenient locations; - Instigate Hot Works regime; - Identify any flammable materials / containers and provide appropriate protection. Eliminate or substitute materials for non-flammable or retarded alternatives; - Provide flammable stores and designate no smoking or hot works areas; - Maximise mechanical cutting where possible; - Obtain isolation certificates where necessary; - Ensure good housekeeping standards and clear as you go work ethic; - Waste to be removed on a daily basis; - No smoking on site and in offices – designated controlled areas;

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		Project Risk Level [insert decision commentary]	Control and Mitigation Measures [this list is not exhaustive and used only as a guide]
Hand Arm Vibration – prevention of	Damage to blood circulation, identification of historic OH exposure / conditions, Hand Arm Vibration Syndrome (HAVS).	Low	- Assessment of the vibration risks to operatives required together with a record that operatives do not exceed the 'exposure limit value'; - OH assessments completed on vulnerable operatives and those persons that are exposed to vibration above the 'exposure action value' regularly; - Information must be communicated to operatives on the exposure levels from equipment and visual indicators used; - All tools used must take into account the latest technical advances and apply the hierarchy of control for vibration; - Equipment must be well maintained and sharp tool bits used to reduce vibration levels;
LPG - use of	Fire, explosion, asphyxiation, cold burns, poor storage, theft or third- party interference, incorrect storage.	Medium	- Only a quantity of one days advance supply should be stored on site in an approved store; - All storage areas should be lockable and clearly signed. No smoking near storage areas; - All storage areas must be away from natural hollows, cellars and drains; - LPG cylinders to be stored separate to oxygen cylinders; - Adequate ventilation is required in areas where LPG is being used to prevent gas build up / oxygen depletion;
Manual Handling – management and elimination	Excessive stress and strain, cuts and abrasions, repetition, dropping or falls of materials, musculoskeletal disorders, slips and trips.	Low	- Where ever possible materials to be moved mechanically and manual handling eliminated; - Specific risk assessment for manual handling operations required for all operations; - Assessment of whole operation required, from the task, to the load, the environment, the individual; - All operatives should be trained in manual handling and kinetic handling techniques; - Suitable routes provided for movement of materials to reduce likelihood of slip, trips and falls;
Mobile Towers - use of	Collapse, falls of persons or materials, overhead cables or electrical sources, site conditions, overloading defective materials, poor foundations / footing, unsuitable surfaces, incorrectly built, competence of erectors;	Medium	- Towers to be erected by competent persons with Prefabricated Aluminum Scaffolding Manufacturers Association (PASMA) card to the manufacturer's recommendations; - Working areas to be assessed for suitability of use. - Ground should be stable, firm and level; - No operatives are to remain on scaffold during movement around working area. Wheels will be locked when equipment is in use; - Base to height ratio and use of rakers to manufacturers recommendations; - Visual and recorded assessment should be made of towers on a regular basis and after significant change, alteration or movement; - Mobile tower must be suitable for the operations to be completed;
Overhead Cables - working near	Electric shock, burns, damage to plant and equipment, nuisance to local community.	High	- Local electric company to be consulted with before any works take place; - Protection to be in place in accordance with GS6 Avoiding danger from overhead power lines; - Temporary diversions created where possible; - All operatives made aware of the services during inductions and works co-ordinated to reduce requirements to work within exclusion zones or near overhead lines;

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		Project Risk Level [insert decision commentary]	Control and Mitigation Measures [this list is not exhaustive and used only as a guide]
Personal Protective Equipment (PPE)- Provision and use of	Identify need for, equipment provides adequate level of protection and suitable, equipment fits properly, different equipment worn together are compatible, equipment causes additional hazards i.e., reduced sense of touch, PPE used rather than elimination of risk.	Low	• All contractors to identify the specific PPE required in their risk assessments; • PPE should be compatible and personnel trained in its use; • Minimum PPE on site is helmet, safety boots, high visibility vest / jacket, safety glasses and gloves; • PPE identified as being required for an operation to be provided free of charge by employer; • All PPE should be of a suitable quality, undamaged or modified and should be worn as per manufacturers guidance at all times; • PPE must not be interfered with or altered;
Petrol / Fuel - use of	Fire, explosion, spillages, theft.	Medium	• Fuel must be stored in appropriate containers in bunded areas; • Fuel to be handled in accordance with risk and COSHH assessment; • Spill nappies must be used under equipment being filled / re-fuelled; • Containers used for dispensing and carrying fuels must be appropriate, funnels provided for refilling and dispensing to reduce the risk of spillages; • Fire extinguisher and emergency spill kit to be available; • O'Connell must be informed of any requirements or storage of products on-site;
Public Protection	Prevention of unauthorised access to site, hoarding and perimeter fence control and stability, protection of site excavations from public, securing scaffolding from trespassers, falls of materials beyond perimeter, movement of plant, vehicles and equipment.	Medium	• Secure the site to prevent unauthorised access; • Security guards used where appropriate to control access to the site; • All hoarding and fencing must be suitable and sufficient, double clipped and secured against movement in extreme weather conditions; • Areas to be left safe as identified in the specific work assessment if members of public could be at risk; • All excavations, ladders and access points to be made secure, protected or fenced to avoid unauthorised trespass or access; • Excavations and holes must be secured and protected; • Clear signage to be provided to ensure all persons are warned of risks and hazards; • Site will be suitably fenced off to prevent unauthorised access and trespass;

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		Project Risk Level [insert decision commentary]	Control and Mitigation Measures [this list is not exhaustive and used only as a guide]
Reversing Vehicles completion of	Poor visibility, uncontrolled or monitored movements, excavations, physical obstructions, separation of plant and pedestrians, untrained banksman, operators and personnel.	Medium	- Traffic management plan to eliminate reversing where possible. Turning circles, one way routes will be used where possible. - Vehicles required to reverse must be under the control of a trained banksman; - Plant must have all round visibility or cameras fitted or audible warnings that vehicle is reversing; - Works requiring continuous reversing of vehicles i.e. tarmacing will be separated from other operations where possible and managed by a trained and competent banksman; - Suitable pedestrian routes will be provided that are separate from vehicle movements;
Site Access - control of	Traffic numbers and movements, visibility, reversing vehicles, TM plans, signage and guarding, urban areas, transfer of materials outside the site on to local road networks.	Medium	- Designate Site Access points; - Signage to be displayed to make public aware of danger of construction sites and site requirements i.e. visitors to report to site office; - Where possible access will allow vehicles to pull off road to site entrance to reduce disruption, prevent impact on localised traffic and ensure sight lines, where possible are not impacted; - TM signage will be place to warn road users of construction site entrance; - Where possible, all works will be completed to allow good sight lines for those entering and leaving the site and have minimum impact on third parties; - Inspections to be carried out regularly to ensure signage still erected and clean;
Tidiness - Site	Poor storage, rubbish left to accumulate, blocked or restricted access, trailing cables, protruding nails, slips, trips and falls, fire.	Low	- All Contractors must remove their debris / waste on a daily basis; - Suitable waste receptacles will be provided and wastes will be segregated as required; - Duty of Care requirements will be followed to ensure all wastes are processed and removed as required by Environmental Legislation and Regulations; - O'Connell's will give 24 hours notice of housekeeping improvement and compliance, if no change Labour will be used to remove waste and contra-charged;
Unfamiliarity with the site and/or uncertainty about the job	Injuries or ill health if they are unfamiliar with the hazards on site	Medium	- Jobs are discussed in advance with the Site Supervisor and key issues, such as safe systems of work e.g. isolation procedures etc. who will supply necessary kit e.g. access equipment and any necessary PPE, agreed before work begins. - O'Connell personnel comply with sign-in and sign-out procedures. - O'Connell Contract Manager's do random checks/audits on site to ensure, among other matters, site personnel are working safely. - Speak to any other contractors to make them aware of our plan of works and to check their awareness of health and safety issues. Also, to check that they cascade health and safety information to personnel who haven't been to the site before. - Site inductions MUST be attended and tool box talks undertaken prior to works commencing. Site personnel MUST challenge anyone working in an unsafe way and inform the Site Manager/ Contract Manager.

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Activities, operations, materials, products or services	Potential safety, health or environmental hazards / impacts	Anticipated personnel potentially at risk, control and mitigation measures Activities highlighted as a high risk require the production of a site-specific method statement [MS] and risk assessment [RA] highlighting sequence of work, hold points and mitigation measures employed to reduce risk. Activities highlighted as medium and low risk require the production of a site-specific risk assessment. The requirement for an MS should also be considered for medium and low risk activities, based on the complexity, programme, sequence of works and associated activities. O'Connell recognise health and safety requirements, the need for continuous improvement, and a commitment to developing a mature health, safety and wellbeing culture.	
		Project Risk Level [insert decision commentary]	Control and Mitigation Measures [this list is not exhaustive and used only as a guide]
Waste Management	Fly tipping, segregation and Duty of Care, fire, pollution, attraction of vermin, biological diseases	Low	- O'Connell's and its contractors will ensure that when waste changes hands, a transfer note is completed; - Duty of Care requirements will be followed to ensure all wastes are processed and removed as required by Environmental Legislation and Regulations; - All waste transfers will be checked for 'Duty of Care' compliance; - General and hazardous wastes will be separated to ensure compliance with Waste legislation; - Site will be registered as a hazardous waste producer; - Exemptions will be applied for and implemented as required;
Welding and Burning - use of	Fire, burns, fumes, explosion, electric shock, eye injuries, trailing hoses / cables, incorrect storage of gases – securing of.	Medium	- Hot works permit to be issued. - Welding equipment to comply with manufacturers recommendations and be operated by competent persons; - Correct PPE to be supplied by operative's employer and used by operatives, as identified in RA's; - Task specific screening will be used to protect workers in the local area; - All gas bottles will be removed to the designated storage area as required at the end of works; - All gas bottles will be secured as required; - Suitable earthing points will be used during works; - Fire extinguishers will be available for use and fully charged to ensure they are suitable for the works;
Work Equipment - use of	Untrained operators, poorly maintained, flying fragments or materials, no safety system of use or training, incorrect use or equipment for task, unguarded moving parts or guards removed, poor working areas and benches / workstations.	Low	- Work equipment to be used in accordance with manufacturer's guidance and recommendations; - It must be fit for purpose and used by competent personnel; - Debris must not be allowed to accumulate in and around work equipment. All cleaning will be completed when equipment is isolated / turned off; - All equipment will be checked and inspected as required under PUWER; - Any equipment that is not fit for purpose will be segregated and removed from use; - All guards will be in place and will not be removed for any reason. Where the equipment does not fit or guards hinder operations, the equipment is not suitable for the task and new selection made; - A suitable working area, platform or bench should be provided for the works to be completed on / from;

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		Project Risk Level [insert decision commentary]	Control and Mitigation Measures [this list is not exhaustive and used only as a guide]
Working at Height - completion of	Falls of persons or materials, rescue plans and emergency arrangements, correct equipment for the job or requirements;	Medium	• Work at height will be eliminated where possible • A method statement and risk assessment detailing suitable equipment, control measures to prevent falls of persons and objects will be provided; • Weather conditions must be considered for all operations; • Legislation, regulations and guidance for working at height must be followed and hierarchy of controls followed and justified where applicable; • A plan for emergencies and rescue must be included in the SSoW; • Equipment must be appropriately inspected, fit for purpose and operatives trained in its use and operation; • Operatives must be trained in the use of Fall Arrest PPE, as applicable;
Unidentified Oils	Exposure to potential carcinogens	Medium	• Stop work and have the oil sampled by a professional contractor if possible. • Nitrile gloves and safety glasses should be worn when sampling unidentified oils. • Avoid breathing in fumes from drums, IBCs or other similar containers. • Use sampling equipment appropriate to task being carried out e.g. sampling syringe, vacuum pump, wide neck jar, sampling jar. • Oils may contain hazardous compounds. Avoid contact with skin and eyes when sampling. • On drums, open caps carefully. Do not force seized caps or sample taps. Only open sample taps sufficient to flush out tap and to take sufficient samples.

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Activities, operations, materials, products or services	Potential safety, health or environmental hazards / impacts	Anticipated personnel potentially at risk, control and mitigation measures	
		Project Risk Level [insert decision commentary]	Control and Mitigation Measures [this list is not exhaustive and used only as a guide]
			- Collect any drips or flushed oil in a suitable container to avoid contaminating surrounding ground. Dispose of it accordingly as waste oil. - Immediately report any spillages of oil to client. Use a suitable spill kit. - Wash hands before eating, drinking smoking or using the toilet.
Unidentified Liquids (non-oils)	Exposure to potential hazardous compounds	Medium	- Stop work and have the liquid sampled by a professional contractor if possible. - Nitrile gloves and safety glasses should be worn when sampling unidentified liquids. - Avoid breathing in fumes from drums, IBCs or other similar containers. - Use sampling equipment appropriate to task being carried out e.g. sampling syringe, vacuum pump, wide neck jar, sampling jar. - Liquids may contain hazardous compounds. Avoid contact with skin and eyes when sampling. - On drums, open caps carefully. Do not force seized caps or sample taps. Only open sample taps sufficient to flush out tap and to take sufficient samples. - Collect any drips or flushed liquid in a suitable container to avoid contaminating surrounding ground. Dispose of accordingly as waste. - Immediately report any spillages of liquid to client. Use a suitable spill kit. - Wash hands before eating, drinking smoking or using the toilet.
Unidentified Solids or Potential Asbestos	Exposure to potential hazardous compounds	Medium	- Stop work and have the solid sampled and by a professional contractor if possible. - Nitrile gloves and safety glasses should be worn when sampling unidentified solids. - Avoid breathing in fumes from drums, IBCs or other similar containers. - Use sampling equipment appropriate to task being carried out e.g. sampling syringe, vacuum pump, wide neck jar, small brush, spatula, sampling container. - Solids may contain hazardous compounds. Avoid contact with skin and eyes when sampling. If solid is easily mobilised in air, wear a suitable P3 dust mask. - On drums, open caps carefully. Do not force seized caps or sample taps. Only open sample taps sufficient to flush out tap and to take sufficient samples. - Immediately report any spillages to client. Use a suitable spill kit. - Wash hands before eating, drinking smoking or using the toilet.

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Appendix -- D	COSHH Assessments
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What is the substance?	Who might be harmed and how?	What are O'Connell Contracting already doing?	What further action is necessary?	Action by who?	Action by when?
Smoke Canister i.e. Colt etc ✓ 	Supervisor, Operatives, Analyst and others may be exposed to a substance hazardous to health.	Asbestos trained Supervisor and Operatives issued with PPE/RPE. Medical surveillance. Material safety data sheet provided in site file.	All site personnel to comply with the materials data sheet, store and handle/use the material correctly while wearing all the necessary PPE / RPE when material is in use.	Site Supervisor & Operatives	Site supervisors' start of works review date as per the above.
Aerosol Adhesive i.e. Si-Tak etc. ✓ 	Supervisor, Operatives, Analyst and others may be exposed to a substance hazardous to health.	Asbestos trained Supervisor and Operatives issued with PPE/RPE. Medical surveillance. Material safety data sheet provided in site file.	All site personnel to comply with the materials data sheet, store and handle/use the material correctly while wearing all the necessary PPE / RPE when material is in use.	Site Supervisor & Operatives	Site supervisors' start of works review date as per the above.
Aerosol Foam Filler i.e. Si-Foam etc. ✓ 	Supervisor, Operatives, Analyst and others may be exposed to a substance hazardous to health.	Asbestos trained Supervisor and Operatives issued with PPE/RPE. Medical surveillance. Material safety data sheet provided in site file.	All site personnel to comply with the materials data sheet, store and handle/use the material correctly while wearing all the necessary PPE / RPE when material is in use.	Site Supervisor & Operatives	Site supervisors' start of works review date as per the above.
PVA i.e. Bostik etc. ✓ 	Supervisor, Operatives, Analyst and others may be exposed to a substance hazardous to health.	Asbestos trained Supervisor and Operatives issued with PPE/RPE. Medical surveillance. Material safety data sheet provided in site file.	All site personnel to comply with the materials data sheet, store and handle/use the material correctly while wearing all the necessary PPE / RPE when material is in use.	Site Supervisor & Operatives	Site supervisors' start of works review date as per the above.

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What is the substance?	Who might be harmed and how?	What is O'Connell's already doing.	What further action is necessary?	Action by who?	Action by when?
Encapsulant Paint i.e. Idenden ET-150 etc. ✓ 	Supervisor, Operatives, Analyst and others may be exposed to a substance hazardous to health.	Asbestos trained Supervisor and Operatives issued with PPE/RPE. Medical surveillance. Material safety data sheet provided in site file.	All site personnel to comply with the materials data sheet, store and handle/use the material correctly while wearing all the necessary PPE / RPE when material is in use.	Site Supervisor & Operatives	Site supervisors' start of works review date as per the above.
Fluorescent Light Tubes ✓ 	Supervisor, Operatives, Analyst and others may be exposed to a substance hazardous to health.	Asbestos trained Supervisor and Operatives issued with PPE/RPE. Medical surveillance.	All site personnel must comply with the materials data sheet, store and handle the material correctly while wearing all the necessary PPE / RPE when material is in use. Handle with extreme care to prevent breakage.	Site Supervisor & Operatives	Site supervisors' start of works review date as per the above.
Aerosol Line Marker Paint i.e. Rocol ✓ 	Supervisor, Operatives, Analyst and others may be exposed to a substance hazardous to health.	Asbestos trained Supervisor and Operatives issued with PPE/RPE. Medical surveillance. Material safety data sheet provided in site file.	All site personnel to comply with the materials data sheet, store and handle/use the material correctly while wearing all the necessary PPE / RPE when material is in use.	Site Supervisor & Operatives	Site supervisors' start of works review date as per the above.
Wetting Agent i.e. Astrip concentrate etc. ✓	Supervisor, Operatives, Analyst and others may be exposed to a substance hazardous to health.	Asbestos trained Supervisor and Operatives issued with PPE/RPE. Medical surveillance. Material safety data sheet provided in site file.	All site personnel to comply with the materials data sheet, store and handle/use the material correctly while wearing all the necessary PPE / RPE when material is in use.	Site Supervisor & Operatives	Site supervisors' start of works review date as per the above.

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Disinfectant i.e. Pine ✓	Supervisor, Operatives, Analyst and others may be exposed to a substance hazardous to health.	Asbestos trained Supervisor and Operatives issued with PPE/RPE. Medical surveillance. Material safety data sheet provided in site file.	All site personnel to comply with the materials data sheet, store and handle/use the material correctly while wearing all the necessary PPE / RPE when material is in use.	Site Supervisor & Operatives	Site supervisors' start of works review date as per the above.
Detergent i.e. Fairy ✓ 	Supervisor, Operatives, Analyst and others may be exposed to a substance hazardous to health.	Asbestos trained Supervisor and Operatives issued with PPE/RPE. Medical surveillance. Material safety data sheet provided in site file.	All site personnel to comply with the materials data sheet, store and handle/use the material correctly while wearing all the necessary PPE / RPE when material is in use.	Site Supervisor & Operatives	Site supervisors' start of works review date as per the above.
Bleach i.e. Domestos ✓	Supervisor, Operatives, Analyst and others may be exposed to a substance hazardous to health.	Asbestos trained Supervisor and Operatives issued with PPE/RPE. Medical surveillance. Material safety data sheet provided in site file.	All site personnel to comply with the materials data sheet, store and handle/use the material correctly while wearing all the necessary PPE / RPE when material is in use.	Site Supervisor & Operatives	Site supervisors' start of works review date as per the above.



O'CONNELL
CONTRACTING

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RAMS Signing Register

The content of this RAMS has been discussed at this induction / daily pre-start briefing meeting, and I fully understand the task(s) involved and my responsibilities on site. I have read or have had the document read to me and will always carry out the task(s) detailed. If I see any unsafe methods or can see a safer way in which to do the task(s), I will discuss it with the site supervisor / manager.

[illegible]