

Client							
Project	Soft strip and removal of under roof ply sheets of larger building and cladding of smaller building						
Location of project	 35 Link Road, Huyton, Merseyside, L36 6AP						
Proposed dates	Start date		Finish date		Work hours	0730-1730	
Produced by	John O'Dowd				Date	1/7/22	
Reviewed and validated by	John O'Dowd – Gaskells Demolition Ltd				Date	1/7/22	
Description of works	Soft strip of internal furnishings, removal of timber ply sheets beneath roof of larger building, removal of wall cladding of smaller building						
Plant and equipment	360-excavator scissor lift, waste skips; various trade hand tools for soft stripping						
Permits or consents	T.B.A.						
Structural Engineer	T.B.A.						
Consultants	Rawlings Safety and Training Consultancy Services						
On-site Supervisor	John O Dowd Mob: 07809562096 Email: johnodowd@gaskellsdemolition.co.uk						
Contracts Manager	John O Dowd						
References	CDM Regulations 2015. BS6187:2011 – Code of Practice for Demolition						
Revision N°	Revision details				Revised by	Date	
01	First Issue					1/7/22	
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Site operatives - "I have read and understood this construction phase safety plan and agree to cooperate and comply with the safety precautions listed"							
First name - Surname		Position		Signature		Date	

Introduction

The Construction and Design Management Regulations 2015 require that a construction phase plan be drawn-up for all demolition works. Regulation 20 - Demolition or dismantling states that

"The demolition or dismantling of a structure must be planned and carried out in such a manner as to prevent danger or, where it is not practicable to prevent it, to reduce danger to as low a level as is reasonably practicable. (2) The arrangements for carrying out such demolition or dismantling must be recorded in writing before the demolition or dismantling work begins."

Project commitments – Gaskell Demolition will do the following:

- Take into account all pre-construction health and safety information it receives, and uses it in developing its project health and safety documents for demolition and site clearance and tidy up. The information includes statutory drawings of services; party wall, boundaries and rights-of-way agreements; asbestos survey reports; site investigation of contamination, dust and vibration reports; and surrounding land use and public protection
- Follow the guidance produced by the CITB in drawing up this construction phase safety plan for demolition work and in drawing up the risk assessments and method statements (RAMS)
- Display on the site notice board, full contact details of all parties involved in the project, including 'out of hours' contact numbers, where appropriate as included in the Construction Phase Health and Safety Plan
- Complete the project on-time, on budget, and without causing any loss or harm to any, people, property, corporation, or the environment
- Provide updates on project health and safety documentation; near-misses or accidents; any additional temporary works; any additional hazards identified during the course of the works; any neighbourly issues or concerns relating to health and safety; any concerns with welfare and any inspections or visits undertaken by the HSE, Principal Designer or other appointed health and safety consultant
- Review and maintain security of the site, with temporary fencing and lighting that is adequate to prevent unauthorised access (particularly to children) to, the site operations and site accommodation with emphasis on deep excavations, unsafe structures; mobile plant and suchlike
- Satisfy risk controls specified by permits-to-work and authorisation requirements, including NO 'hot work' involving blow-lamps, welding or burning equipment, etc. to be done during the last two hours of the working day
- Comply with emergency procedures to handle serious fires, explosion, collapse, accident or other incident, including maintaining access and egress routes, including emergency exits, as well as access for emergency services
- Inform and instruct all workers in the site safety rules and supervise their compliance with those rules

Planning, managing and monitoring demolition work

1. Project work must be done according to this plan, without risks to health or safety, and appropriately supervised
2. Workers must be given the necessary information, instruction and training and supervision and must sign-off as having been briefed on this demolition plan and having understood it and accepting their obligation to comply with it
3. Contractors must comply with any direction and stipulations put forward by the Principal Contractor
4. The building or structure to be demolished and all its components must be maintained in a safe and stable condition so as to prevent the unexpected collapse of part or all the structure

Avoiding impacts and harm to biodiversity

This method statement details the practical measures (both physical measures and sensitive working practices) to avoid or reduce impacts during construction and to avoid harm to biodiversity features.

- Practical measures include the use of protective fences, exclusion barriers and warning signs as detailed.
- Control measures will ensure that dust and soil does not travel beyond the site boundary.
- No machinery, plant or powered tools will be operated outside the hours of 08:00 to 18:00.
- The removal of construction waste must be done within the hours of 09:00 - 17:00 on weekdays and no removal of waste will be done at weekends
- For the full period of demolition, facilities will be available on site for the cleaning of the wheels of vehicles leaving the site and such equipment must be used as necessary to prevent mud and stones being carried onto the highway
- Demolition work will not affect nesting birds or take place during the nesting season so as to protect their habitat

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Demolition plan

1. Site location at which the structure to be demolished stands	35 Link Road, Huyton, Merseyside, L36 6ap
2. The overall height of the structure above ground level and the least distance from the structure to each site boundary	The buildings are single storey height with no adjacent structures
3. The type of building (occupancy class), its structural support system and the principal materials of its construction	Warehouse construction, roof trusses supported by columns and brick wall exteriors
4. The proposed methods of demolition, including the number and types of major items of plant	Soft strip of under roof ply sheets and wall cladding using a scissor lift for access and cold-cut tools for removal of fixings. The scissor lift will be controlled by a competent licensed operator
5. The proposed methods for handling and disposing of demolished materials and, in particular, of hazardous materials	All demolition materials and waste will be removed by a licensed waste contractor to approved waste recycling premises
6. The proposed methods of controlling and maintaining access and egress to the workplace	Controlled access and egress signposted and site traffic controller duties allocated.
7. The proposed hoardings, scaffolding and fencing and of any overhead pavement protection	The site is well fenced and will be signposted with safety signage and contact details. A complete exclusion zone, delineated by the existing fencing, will be in place around the works access area
8. Any other plans, illustrations, written documents, or specialist reports as may be necessary to support the proposed methods of work or protective structures	Asbestos survey and electrical services report
9. Traffic management arrangements, which includes managing vehicles and mobile plant hazards in relation to operation at the workplace and interaction with the public.	No public access to the site. All incoming and outgoing vehicles controlled by the appointed banksman traffic controllers.
10. The location and condition of any services including:	All services to be made safe the works start. All 'live' services are to be identified and marked on drawings for reference and avoidance
• Electricity services	Check and isolate as necessary
• Drainage and sewerage services	Check and isolate as necessary
11. The location and condition of hazardous materials including asbestos	Non-licensed asbestos cladding sheets on the smaller building
12. The location and condition of underground structures such as a basement, cellars, or storage tanks	None
13. The general condition of structures on adjoining properties, particularly where these are close to or on the boundaries of the demolition workplace	None
14. The effect demolition may have on people working in adjoining properties or seeking access to and egress from those properties	None
15. The procedures to be followed in the event of serious and imminent danger to health and safety	The site controller to raise the alarm. Emergency response, including rescue will be as per the site emergency response plan

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16. The emergency arrangements, including equipment for the rescue of injured persons	A site first aider is available to give first aid treatment for minor injuries and to provide resuscitation. A first aid kit is readily available. Emergency responders will be called upon by dialling 999. The closest hospital is
17. The proposed sequence of the demolition works and an estimate of the time (in days) it is likely to take to complete all of each of the stages of the work	It is anticipated that the demolition will be completed in six working weeks. See below for the proposed sequence of the demolition works.
	
Work will be done on the smaller building first and then the larger second building	

DEMOLITION ACTIVITY RISK ASSESSMENTS					
ALARP – As Low As Reasonably Practicable					
Location	35 Link Road, Huyton, Merseyside, L36 6AP				
Activity or Task	Soft stripping buildings of non-licensed ACM wall cladding sheets and of timber ply beneath the roof				
People exposed to risks	Demolition workers as listed				
Type of assessment	Initial assessment	X	Significant change		Routine review
Assessor(s)	John O'Dowd		Date of assessment	1/7/22	

Activity and risks	Risk controls	Risk without controls	Risk with controls
Demolition activities	- Use the documented and approved safe work method statement - Follow the advice in the company "Do's and Don'ts" document	High	ALARP
Lack of information to workers	- Ensure that everyone involved knows what precautions are to be taken on site. - Ensure that all site employees sign-on to the RAMS	High	ALARP
Connected utilities or services	Isolate or disconnect utilities or services before work starts	High	ALARP
Uncontrolled traffic	Establish an effective traffic management system on the site, to avoid putting workers at risk of being hit by vehicles turning, slewing, or reversing.	High	ALARP
Unsafe plant / equipment or use	- Maintain plant and equipment including all hand tools and portable electrical equipment - Inspect plant and equipment before use and report and get defects fixed - Use only plant and equipment you are authorised and competent to use - Maintain a safe working environment for the use of plant and equipment	High	ALARP
Striking against people or property with mobile plant	- Use only licensed mobile plant operators using the plant, according to the conditions of their certificate of competency - Pre-Inspect mobile plant before use and remove from service any unsafe plant until it is safe to use again	High	ALARP
Removal of non-notifiable asbestos containing material ceiling panels	- Use hazard tape and warning signage for the route to the sealed ACM waste receptacle - prohibit unauthorised access - Non-Licensed asbestos to be removed by trained operatives, competent with up-to-date certification and wearing suitable and sufficient PPE/RPE - Dispose of used overalls as asbestos waste – never take used overalls home - Wear a half-face mask with a PP3 filter Note: wearers must be face-fitted for the mask - DO NOT use RPE if not face-fit tested - Double bag all ACM materials	High	ALARP
Injury from falling materials Workers and passers-by can be injured by materials or tools allowed to drop from height	- Keep people away from the risks - Establish exclusion zones and hard-hat areas, clearly marked and with barriers if necessary beneath the scissor lift work	High	ALARP
Noise and vibration	Minimise noise and hand vibration exposure- do not exceed the legal limits and wear hearing protection as necessary	Medium	ALARP

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DYNAMIC ONGOING RISK ASSESSMENT (List any other hazards identified at the work site)

Activity and risks	Risk controls	Risk without controls	Risk with controls
			ALARP
			ALARP
			ALARP
			ALARP

SAFE WORK PRACTICES**Site safety rules**

1. Cooperate with safety management and obey safety rules, instructions, procedures, permits, signs, and tags.
2. Take care for your health and safety and obey no smoking, no mobile phone use rules
3. Stay fit-for-work free from the effects of alcohol or non-prescribed drugs
4. Use approved personal protection that is right for the task and the weather
5. Use tools and equipment that are right for the task
6. Use plant, tools, equipment and substances only if authorised to
7. Keep your work area and your tools and equipment in a safe condition and kept secure
8. Use approved access equipment and safe access procedures for working at height
9. Use safe manual handling tactics and get help for heavy loads
10. Keep yourself and your clothing clean and wash your hands regularly
11. Report incidents and get treatment for any injuries
12. Know the emergency and first aid facilities for the site
13. Report hazards beyond your control to your supervisor
14. Ask if you are in doubt about any health or safety procedure or situation

Mobile plant operator safety rules

1. Be competent, authorised and certificated to use the mobile plant to be used
2. Do a routine daily inspection and a pre-start inspection as per the inspection checklist
3. Act on any hazards identified from inspection of mobile plant or the workplace
4. Operate the mobile plant within the safe limits defined by the manufacturer
5. Demonstrate competent use of foot and hand controls, signals and mirrors
6. Work with a Banksman for operations with restricted visibility
7. Plan your work program with site management
8. Check the ground conditions before operating
9. Report any safety issues to contract management

Banksmen safety rules

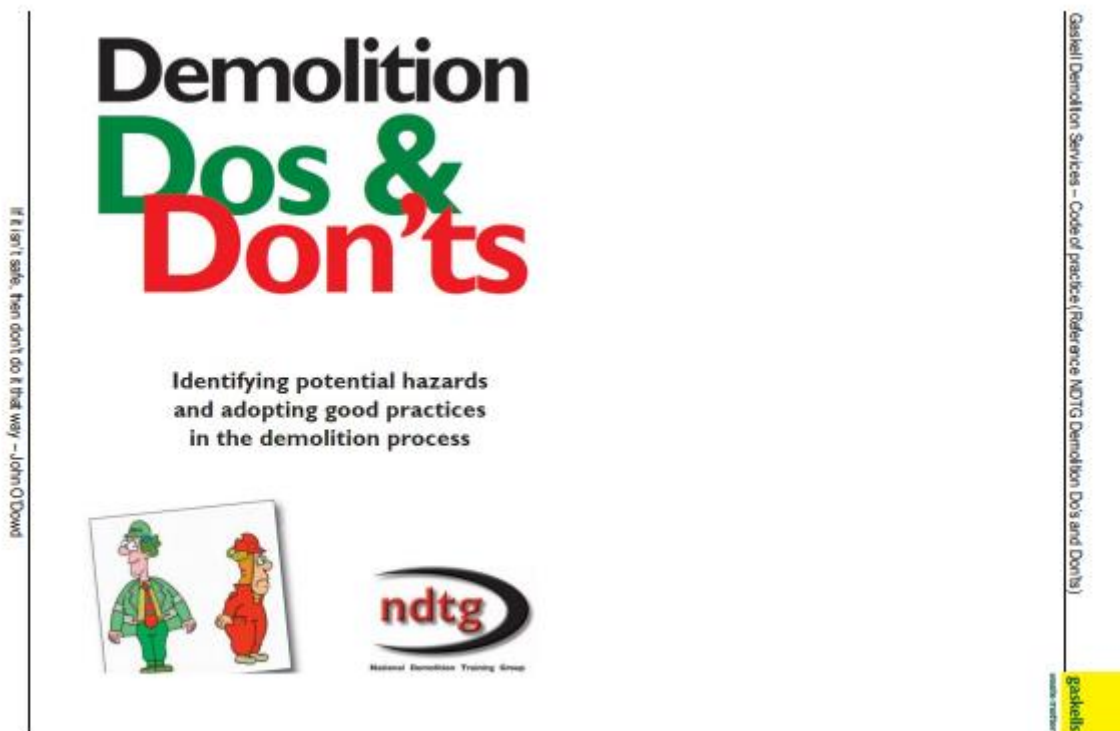
1. Be competent and authorised to guide mobile plant operators
2. Keep away from the work area any people not involved in the operation
3. Check for hazards around the work area, e.g. overhead lines
4. Stand in a position where the mobile plant operator can see you clearly and not directly behind the machine
5. Give directions that are clear and exact
6. Wear distinctive hi-visibility clothing easily seen by the mobile plant operators
7. Tell the mobile plant operator of faults seen on their machine, e.g. hydraulics leaking, flat tyre, etc.
8. Fully understand the job you are being asked to do, if in doubt seek advice

PRE-START CHECKS

1. Check the asbestos situation and controls and that people have been informed of any risks
2. Check the weather conditions for safe working
3. Check that any necessary permits-to-work have been obtained
4. Check the site conditions are safe including safety signs, safety barriers, lighting
5. Check on the safety of others at work and that safety controls are in place including exclusion zones
6. Check the safe means of access to and from the work site, including walkways and exits
7. Check plant, equipment and substances to be used and are safe for use
8. Check there are enough resources to do the work (people, plant, equipment, substances, materials)
9. Check that clear work instructions and approved work methods will be used
10. Check that the people doing the work are competent with the necessary experience, skills and qualifications
11. Check that welfare facilities are readily available (toilets, water, catering)
12. Check that emergency communications and emergency and first aid equipment are readily available
13. Check that the sequence and method of the work are agreed by the team and it is safe to start working

If an unsafe situation is identified correct it. If you do not think that it is safe to start work notify your supervisor immediately and let them know why the work cannot be started or completed.

If NO unsafe situation is identified do the work as per approved method or work instruction



Follow the advice in the Gaskell Demolition Do's and Don'ts handbook

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DEMOLITION WORK SEQUENCE		
DEMOLITION / DISMANTLING OF STRUCTURES	HAZARDS	RISK CONTROLS
1. Set up the site and authorise sign-in to the site	Unauthorised access and breach of site safety rules	- Display all mandatory and specific safety signage at the site entrance and at intervals on the site boundary, such as “Danger / Demolition” warning signs, indicating to others of the nature of the works being done, and control site access - Induct all site operatives and brief them on the risk assessments and this method statement. All documentation must be signed-off by operatives to indicate acceptance of site safety rules, site conditions and safe systems of work. - All plant operators will possess a CITB/ CTA certificate or other appropriate proof of competency - Ensure that all workers are signed-on to this work method statement and that the site supervisor knows who is working on the site - Display daily sign-in and sign-out sheets on the site
2. Provide sanitary conveniences (Schedule 2 – CDM Regulations)	Exposure to unhealthy working conditions	Make available washing facilities; drinking water; changing rooms and lockers; rest facilities
3. Establish exclusion zones to protect people and property	Struck by falling debris or moving plant	Designate any area where a falling object might reasonably be expected to land as an exclusion zone. Supervise compliance to obeying the exclusion zone
4. Establish a traffic management system for vehicles and pedestrians	Struck by moving vehicles	- Provide safe vehicle and pedestrian routes - Minimise the need for reversing vehicles
5. Identify clearly the extent of the work area and find out what services are within the area before considering whether they are likely to be disturbed	Contact-with energy sources, including electrical conductors	- Decommission energy supplies to the structure as necessary - Confirm that isolation of energy sources has been done - Allow sufficient time and provide sufficient resource to do the work safely
SEQUENCE OF WORK – Smaller Building 1		
1. Prepare to remove the external non-notifiable ACM asbestos cement cladding sheets	Exposure to asbestos dust	- Use only certificated asbestos removal workers wearing suitable and sufficient PPE/RPE to do the work - Prepare the route to take the bagged waste to the sealed ACM waste receptacle - prohibit unauthorised access - Wear half-face masks with PP3 filter - DO NOT use RPE if not face-fit tested
2. Prepare to remove the external non-notifiable ACM asbestos cement cladding sheets	- Exposure to asbestos dust - Struck by falling materials	Gain access to the non-notifiable ACM cement sheet wall cladding and remove them

DEMOLITION WORK SEQUENCE		
DEMOLITION / DISMANTLING OF STRUCTURES	HAZARDS	RISK CONTROLS
	Fall from scissor lift	- Before cold cutting wall cladding fixings to remove the ACM cement sheets, spray the fixings with PVA to suppress the release of fibres - Lift the ACM cement sheets from their positions and lower them to the ground - Double bag, label, and put the ACM cement sheets and fixings, and used protective overalls into the waste receptacle as asbestos waste – never take used overalls home
3. Break-out the concrete floor – leaving the area around the drain and the drain intact	- Exposure to harmful dust - Exposure to harmful noise	- Control dust exposure through wetting down and through the use of respiratory protective equipment - Control noise exposure by reducing machine and tool noise and through the use of hearing protection
4. Remove the roller doors – by unbolting the flanges and lifting them away with a machine	- Struck by moving machinery - Struck by roller doors	Keep people well clear of the machine removal
SEQUENCE OF WORK – Larger Building 2		
5. Soft strip the floors of coverings	- Exposure to harmful dust - Overexertion from manual handling and use of hand tools	- Control dust exposure through wetting down and through the use of respiratory protective equipment - Use safe manual handling tactics as trained and instructed
6. Locate a scissor lift beneath the first bay	Struck by moving machine	Keep other clear of the path of travel and follow the scissor lift safe operating manual
7. Gain access to under the roof, cold cut the timber fixings and remove timber ply sheets into the scissor lift basket	- Overexertion from manual handling and use of hand tools - Struck by falling materials	- Use safe manual handling tactics as trained and instructed - Keep an exclusion beneath the scissor lift and keep items and tools within the basket
8. Lower the scissor lift and remove the timber ply sheets to an allocated point	Overexertion from manual handling	Use safe manual handling tactics as trained and instructed
9. Locate the scissor lift beneath the second bay and repeat the step above until all bays have been stripped of timber ply sheets	As above	As above
10. Remove waste and recycle materials from the site	Unsafe disposal	Use only licensed waste carriers as listed

			
Drain to be left intact	Light fittings to be removed beforehand	Internal structures to be soft stripped	
			
ACM Cement cladding sheets	Access and removal of cement sheets via scissor lift		