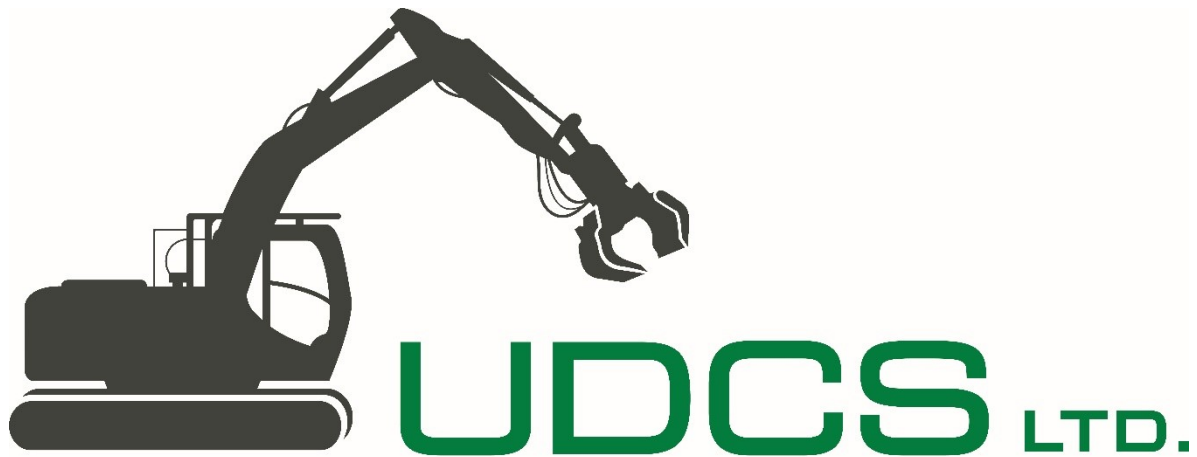


DEMOLITION METHOD STATEMENT



DEMOLITION SPECIALIST

Demolition | Asbestos | Mobile Crushing | Reclamation

Method Statement

Demolition & Site Clearance

Document Reference:	MS000176
Project Reference:	PRI-000-176
Main Contractor:	Chestnut Homes
Demolition Contractor:	UDCS Demolition Limited
Site:	Baptist Farm, Slippery Gowt Lane, Wyberton, Boston, PE21 7SQ
Address:	Baptist Farm, Slippery Gowt Lane, Wyberton, Boston, PE21 7SQ
Appointed Person:	Matthew Browne (UDCS Demolition)
Document Date:	13/07/21
Activity:	Demolition and site clearance
Prepared By:	Matthew Browne, MSc Director UDCS Demolition Ltd



UDCS Demolition Ltd

Headquarters, The old Bottle Yard, Great Northern Terrace, Lincoln, Lincolnshire, LN5 8HN
01522 512 648

Document Revision and Review (amendments highlighted in yellow)

Revision Number	Revised by	Date	Reason for revision

Document Approval Status

I can confirm that I have read this document and give my approval that it is suitable to carry out the works required on site;

Name	Signature	Date

Project Directory

Demolition Contractor information:	Client Information:
Main Contact: Matthew Browne UDCS Demolition Ltd The Old Bottle Yard, Great Northern Terrace Lincoln LN5 8HN Tel: 07508045154 Email: matthew@udcsdemolition.co.uk	Main Contact: Simon Eyley Chestnut Homes Ltd The Old School Wragby Road Langworth Lincoln LN3 5BJ Tel: 07852 916535 Email: Simon.Eyley@chestnuthomes.co.uk
On-site Supervisor(s): Douglas Browne UDCS Demolition Ltd <i>Address as above.</i> Tel: 07824467705 Email: info@udcsdemolition.co.uk	Building Control: Boston Borough Council Tel: 01205 314 295 Email:

Scope of Works

This Method Statement details the manual and mechanical demolition of Baptist Farm, Slippery Gowt Lane, Wyberton, Boston, PE21 7SQ. All demolition works undertaken are to be carried out in accordance with BS6187:2011 Code of Practice for Full and Partial Demolition.

This document is to be read in conjunction the site-specific risk assessment and logistic plans.

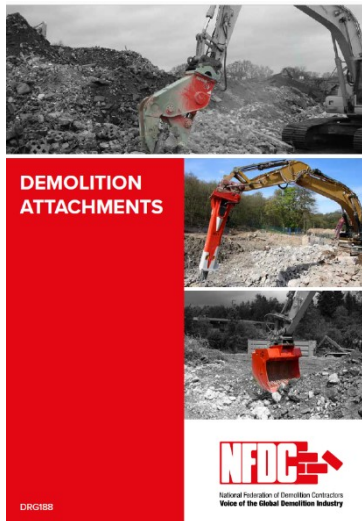
Reference to the 'Standard' has been made throughout the document and a copy is available from the office on request.

The scope of our works includes:

- Site establishment;
- Delivery of plant and equipment;
- Internal soft strip of structures to be demolished within the site boundary;
- Demolition of superstructures within the site boundary;
- Demolition of substructures including the removal of hard standings;
- Removal of arisings from site;
- Removal of waste from site;
- Grading and levelling site to the existing contours;
- Finish works including hand over and removal of plant, equipment and skips.

Guidance Notes

The below guidance notes to be utilised whilst carrying out the specified works:



DRG 110:2014



Revision 08.2015

DRG 114:2015

Sequence and Methodology

Site Setup

UDCS Demolition Ltd have been appointed to act as Principal Contractor for the duration of the demolition phase of works.

UDCS Demolition Ltd will utilise existing site fencing supplied by Chestnut Homes Ltd around the perimeter of the site with further exclusion zones implemented to the immediate operational working area to restrict unpermitted access.

UDCS Demolition Ltd will utilise existing welfare facilities supplied by Chestnut Homes Ltd local to the operational working area, for the duration of the onsite operations. These welfare facilities are to comply with Schedule 2 of the CDM 2015 Regulations, including:

- Toilets;
- Washing facilities, including the provision of additional sanitising stations as per the attached COVID-19 Guidance;
- Hot and cold running water;
- Drying Room;
- Mess Room;
- Drinking water (bottled);

Sufficient and adequate space will be separated to enable on site staff and visitor parking.

Prior to commencement of works, all operatives are to attend a comprehensive site induction, carried out by UDCS Demolition Ltd, which will cover the following: vehicle access and egress; the emergency procures; muster points; the understanding of RAMS Including a briefing on the Construction Phase Plan. UDCS Demolition Ltd site supervisor is to ensure all operatives have familiarised themselves with the working environment, have received a complete site induction, understand the method statement, and have made themselves aware of site-specific hazards. A follow up intrusive site walk around will take place prior to the commencement of the demolition operations to ensure all operatives have a full understanding of the scope of works.

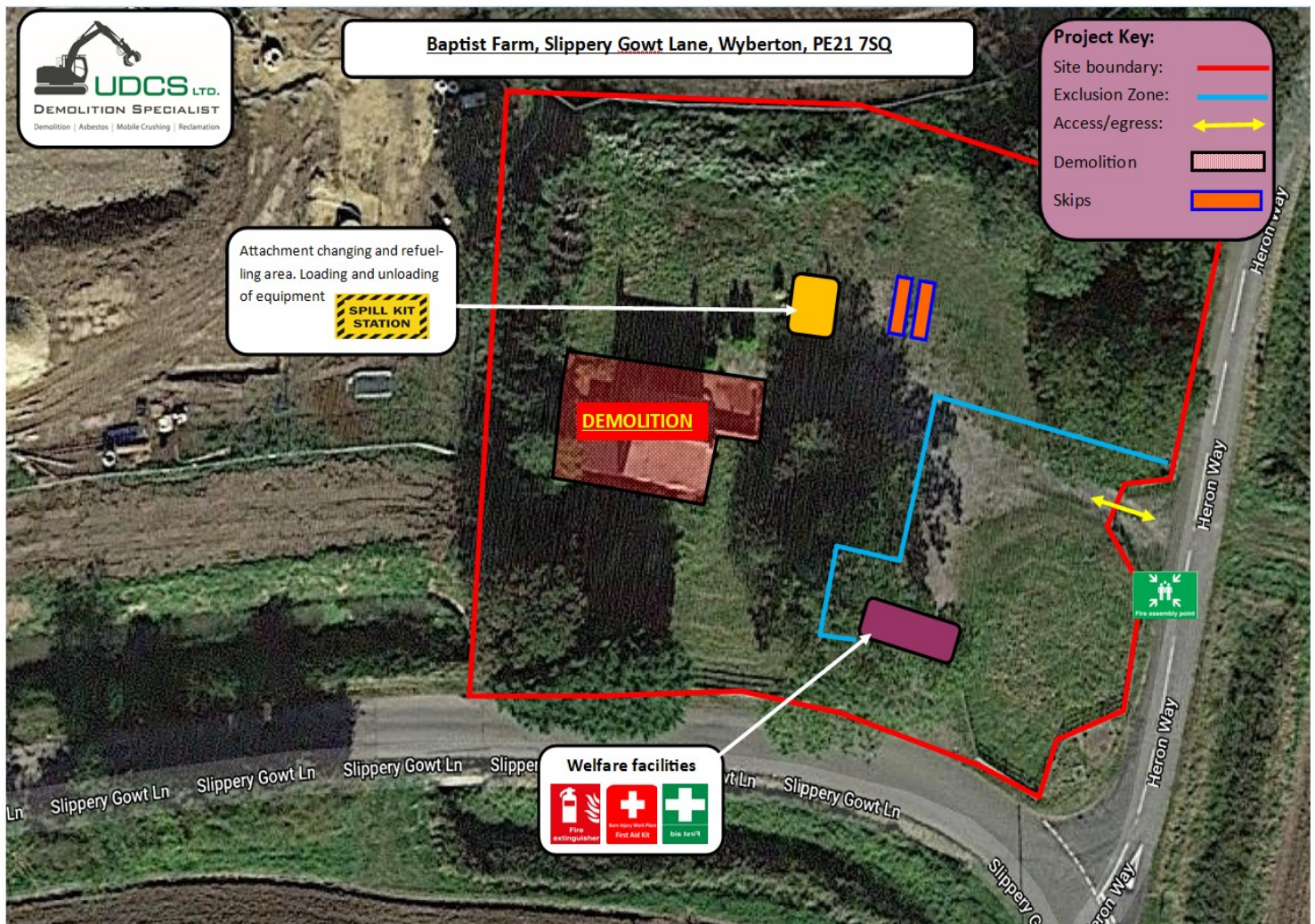
Key Areas to be covered in the induction:

- Site specific COVID-19 Guidance;
- Any live services within the site boundary;
- Access and Egress to site for demolition plant and vehicles;
- Pedestrian walkways;
- Security of the site;
- Sequence and method of demolition;
- Local residents;
- Site working hours;
- Strictly non-smoking/vaping allowed, only in designated area(s)

Hospital Details:

A copy of the nearest hospital details is to be kept within the site welfare. The nearest hospital to Baptist Farm Pilgrim Hospital, Sibsey Road, Boston, PE21 9QS. This is 4 miles away and an approximately a 15 -minute drive. Operatives are to call 999 if a serious incident occurs onsite.

Demolition Plan



Site Access and Egress:

All vehicles are to access and egress the site via Slippy Gowt Lane, Wyberton. All vehicles are to park within the designated vehicle parking area within the site boundary during the demolition operations.

All lorries attending site for purposes such as waste removal, are to be loaded as soon as practicably possible to avoid disruption to the daily users of Slippy Gowt Lane, Wyberton and the local residents.

Fencing

UDCS Demolition Ltd will utilise existing site fencing supplied by Chestnut Homes Ltd. This will be implemented to the site boundary to secure the area from unauthorised access. The UDCS Demolition Ltd on-site supervisor details will be attached to the access/ egress gates. Any visitors to site are to contact the UDCS Demolition Ltd on-site supervisor and await a UDCS representative to meet them. All visitors will be escorted to the onsite welfare facilities where they are to undergo the necessary site induction. All visitors entering and leaving site must complete the on-site signing in/out booklet. **UDCS Demolition Ltd will supply sanitiser at the access/egress points of site. It is imperative that all staff/ visitors to site, cleanse their hands upon entering and exiting.**

UDCS will carry out the installation of temporary fencing to form external exclusion zones to the operational work area. UDCS are to install site perimeter security fencing to restrict unauthorised access to the site. All installations will be in line with the manufacturer's recommendation.

Please note that as works progress, site perimeter fencing may require to be manoeuvred to enable the demolition of boundary walls.

Internal fencing will be used to form demolition exclusion zones, these will be a heras type fencing or crowd barriers, allowing them to be relocated if needed. These will be installed by UDSCS operatives, taking into consideration Manual Handling.

Operatives are to be aware of Manual handling techniques and must have current Manual Handling Training prior to the installation of the panels. Panels are to be installed by two operatives working in unison.

Demolition warning signage to be positioned at pertinent locations, so as to make clear the risks on site.

Exclusion Zones.

UDSCS demolition operatives will install localised barriers at the ground level to ensure that the area will be fully isolated from other site personnel. We will install specific warning signage and exclusion zone signage at pertinent locations.



Once the localised barriers have been installed, operatives will ensure that the couplers have been fitted to prevent any unauthorised removal of the panels. A toolbox talk will be given to all operatives on site. There will be several exclusion zones enforced on this site, the site manager will make all operatives aware of this.

There will be a banksman manning the exclusion zone with two way radios at all times. These banksmen will be located at pertinent locations around the site.

No operatives are to enter the exclusion zone unless instructed to do so. UDSCS operatives will follow the NFDC Code of Practice for Exclusion zones as briefed by the site manager.

UDSCS demolition personnel will execute the works sympathetically to the surrounding occupied residential properties. Due care and attention to be taken during daily activities.

Jet wash facilities will be used to all vehicles leaving site as required, dust and vibration monitoring will be carried out throughout the works.

During the works banksmen will be positioned at pertinent locations to ensure the necessary measures are in place to control dust suppression.

All works are carried out with due regard for 'The control of dust and emissions from construction and demolition' Best Practice Guidance.

COVID-19 Welfare Provisions:

UDCS Demolition Ltd will remain in constant review of the up to date government guidance in relation to the Covid-19 pandemic, with our main priority being the safety and wellbeing of our employees; clients; and the wider public. As such, additional hand sanitising facilities will be provided at regular points throughout the site, including entrance and exit points. Please note all staff and visitors are to ensure their hands are sanitised upon entering and exiting the site. UDCS Demolition Ltd employees are encouraged to take regular breaks to ensure regular cleaning of hands.

Toilet facilities will be monitored, and floor markings will be provided within the vicinity to enforce the 2m social distancing guideline. Additional soap and sanitary facilities will be provided. Paper hand towels will be available and are to be disposed of as used, avoiding the potential risk of cross contamination through the use of towels. UDCS Demolition Ltd encourage staff on site to take staggered breaks so as to avoid crowding of communal areas.

UDCS operatives are encouraged to bring with them pre-packed lunches and breaks are to be staggered to avoid overcrowding of any designated canteen/ break areas. UDCS Demolition Ltd operatives are to carry out the regular cleaning of communal areas, both upon entering and exiting that area.

Please refer to the UDCS Demolition Ltd site specific COVID-19 Guidance notes which are included within this site pack, for further information.

UDCS Demolition Ltd will review site operations regularly and ensure all welfare provisions are provided and adequate supply on site for use. Should, at any point, UDCS deem that works would harm the safety of our employees, then we will act accordingly, and client's will be notified.

DUST, NOISE AND VIBRATION

Best Practicable Means (BPM) will be used in controlling dust emissions, in accordance with the Best Practice Guidance by the GLA 2006 for The Control of Dust and Emissions from Construction and Demolition. Best Practicable Means (BPM) will be used to minimise noise, including low vibration methods and silenced equipment and machinery, in accordance with the Approved Codes of Practice of BS 5228-1:2009 for noise and vibration control on construction and open sites. All works are carried out with due regard for 'The control of dust and emissions from construction and demolition' Best Practice Guidance. Mitigation of dust, noise and vibrations are the responsibility of the main contractor.

All roads/footpaths to and from the operational work area will be kept free of dust, mud and debris at all times. Demolition transportation vehicles will have due regard to site conditions.

Selector grabs will be used to peel brick, block work infills and lift various elements such as glazing panels from the structures.

Demolition works will be undertaken by plant using hydraulic powered demolition pulverising attachments. All plant utilised on site will be operated in accordance with manufacturer's instructions and best practice and equipment will be fully serviced and maintained in good working order. All plant engine covers will always be kept in place with plant that is not in use shut down.

Compressors and generators will be of a super silenced type. All key personnel will be issued with site radios for communication. **The sounding of vehicle horns on site will be strictly forbidden, unless in an emergency capacity.** All site plant will be effectively silenced and located in such areas of the site to minimise noise levels generated.

The demolition of the structure will be carried out in such a manner as to minimise vibration. Loading of waste transporters with arising's shall be carried out utilising the smallest 'drop' possible to reduce impact noise, dust and vibration. Electrical plant is to be used wherever possible i.e. electric compressor, electric gantries. Compressors shall be fitted with properly lined and sealed acoustic covers, which shall

be kept and closed whenever the machines are in use. The best practical means shall be employed at all locations to reduce noise, dust and vibration to a minimum.

Vibration

Plant and equipment to be utilised for the work operations is selected to keep operative's exposure to vibration to an absolute minimum. Technical data on vibration levels for each item of plant or equipment will be provided where exposure levels exceed 2.5m/s^2 on a regular basis.

NOISE and Environmental Pollution

The plant and equipment to be utilised for the work has been selected so as to keep the noise levels to an absolute minimum. However, should noise levels exceed ambient level (A) then appropriate hearing protection will be worn by all personnel within the vicinity of the works and the noise levels monitored on a regular basis. UDSC Demolition Ltd are monitor the noise levels prior to commencement of any physical demolition. All UDSC Operatives will wear hard hat mounted ear protectors.

Environmental pollution will be kept to an absolute minimum and damping down will be carried out as required by site conditions. UDSC operatives will only park plant and re-fuel in the designated area which has been agreed as being the site compound area.

UDSC's aim is to ensure all waste separated on site will be re-cycled or re-processed for further use. Segregated bins will be placed on site for each type of waste. Overall, as per UDSC's Environmental policy we aim for 95% recycled waste on each job. However, our desire is to achieve closer to 97%.

CONTINUAL LIAISON

It is imperative that the project managers and site managers maintain communication with the client's representatives and professional team. This is to enable a free two-way flow of information regarding the safe and environmentally sound delivery of the project works, by well-informed personnel using health promoting risk assessed methods.

During all our projects, UDSC try to be as far as reasonably practicable a good considerate neighbour for the life span of the project at hand. UDSC will manage interaction with the public and all parties who could be impacted by the on-site operations courteously and sympathetically.

COSHH

Full sets of COSHH Assessments are held on site by UDSC Demolition Project Managers for all materials that may be used during our works. Any new materials encountered will have a COSHH Assessment undertaken as soon as practically possible.

Burning equipment if used, will consist of liquefied oxygen & propane gas, supplied in pressurised cylinders. The storage of these will be in designated security fenced areas or purpose designed security cages away from welfare and office facilities.

Fuel oil for plant will be stored in double bunded tanks, their location will take into account features such as drain systems. This will ensure in the event of catastrophic failure released liquids will be contained locally. Spill kits will be maintained in close proximity to fuel storage and refuelling areas. COSHH assessments are regularly checked to ensure they are relevant to the operations being carried out.

This takes place at least once a year on release of the new EH40 standards (reassessed by HSE) or when operating circumstances change Scope.

Asbestos

UDCS Demolition Ltd have been supplied with a copy of the refurbishment and demolition (R&D) survey undertaken by Lucion Environmental, reference 468117, on 6th May 2021.

Prior to the commencement of the on site demolition operations, we have been advised that all asbestos abatement works have been complete by Wenham Asbestos Removal Ltd. As such, copies of the necessary consignment notes and reoccupation certificate are to be provided to UDCS Demolition Ltd.

As part of the induction process, the UDCS Demolition Ltd on site supervisor will cross reference the R&D survey to all areas, ensuring the asbestos removal and disposal has been complete.

Discovery of Unexpected Asbestos

Should any suspect asbestos containing materials be identified during operations, on-site works within the vicinity will cease immediately. All other operatives on site shall be notified and UDCS will liaise with the Chestnut Homes, to address the issue. No works shall continue within the area until abatement is complete.

Preparatory Works

An existing water supply local to the operational working area, will be adapted, and utilised on site, for the use of dust suppression for demolition activities.

The structure will be isolated and sealed and any potential access points removed to ensure that no unauthorised access can be gained into the buildings.

Checks will be carried out daily prior to resumption of the demolition works to ensure that the building remains empty.

Manual Handling

The Company Standard Procedure for all manual handling activities ensures that:

All activities will be assessed in relation to risks from manual handling and where possible automated processes will be used as an avoidance technique.

Our company policy is to ensure all employees are fit for work and that materials and waste removal devices (skips, vans etc.) are positioned as close to works areas as possible. We shall use a variety of equipment such as armor guard rubble trucks to reduce the manual handling element.

Where it has been assessed that there is a risk of injury from manual handling, the first consideration must be whether the loads need to be handled at all, or whether handling can be minimised. The potential for eliminating the handling of loads on site is limited but the positioning of storage, delivery and waste handling skips or vehicles can reduce the need for extensive handling.

Where there is no alternative, the use of mechanical handling should be given consideration – this should be done by the Contract or Project Manager at the planning stage.

You should always follow instructions given on how to carry out a manual handling task in accordance with its risk assessment.

Project Specific Manual Handling

The building has a limited soft strip requirement and will be demolished remotely, reducing the need for manual handling. All heavy lifting and loading will be completed by excavators.

Site Specific Personal Protective Equipment

The PPE listed below is compulsory on UDSCS sites and must comply with the following British Standards:

- Steel toe capped/mid soled boots - EN ISO 20345
- Hard Hat – EN 397:1995
- Hi Visibility Vest – EN471:2003 + A1 2007
- Gloves – Standard/Soft Strip EN 388 2121. Hot Works EN388:2003 4244
Sharps EN388:2003 4544. Anti-Vibration EN388:2003
- Safety Eye Protection – standard CE EN 166 FT Certified. For Hot works EN175 F

The following PPE is to be used as and when necessary:

- Ear Protection Ear Plugs CEN352-2 and Hearing Protectors EN352-1:2002
- PPE associated with hot works and described in the “Hot Works” section of this Method statement – Gloves EN388:2003 4244 - Fire retardant hi vis overalls EN ISO 11611:2007 A1, EN ISO 11612:2008 A1, B1 C1, GO/RT EN 3279, ISSUE 6, 2008 and Goggles EN175 F
- Overalls for soft stripping – Blue paper overalls, E14325:2004

The following RPE is to be used as and when necessary:

- RPE (respiratory protective equipment) – Half face Sundstrom SR100 EN 140:1998
- RPE (for soft strip or activities generating dust) - P3 Filter Masks EN149:2001

Gloves			Eye Protection		
Standard/Soft Strip	EN 388 2121	x	Standard	CE EN 166 FT	x
Hot Works	EN388:2003 4244		Hot works Goggles	EN175 F	x
Sharps	EN388:2003 4544		Ear Protection		
Glass	EN388:2003 4543	x	Ear Plugs	CEN352-2	x
Anti-Vibration	EN388:2003		Hearing Protectors	EN352-1:2002	x
Overalls			Masks		
Fire retardant hi vis overalls	EN ISO 11611:2007 A1	x	P3 Filter Masks	EN149:2001	
Blue/white paper overalls	E14325:2004	x	Half face masks	SR100 EN 140:1998	x

All PPE used must be suitable for the task being undertaken; it must be in good condition and fit for purpose.

If you find any item of PPE to be faulty or unsuitable for the work activity being undertaken, stop work and notify your supervisor immediately.

Disposal of Materials

All waste arisings generated from the internal soft strip and demolition phase of works, will be loaded and placed into the appropriate 16/40yd skip which will be positioned within close proximity to the operational work area.

Waste skips will be located in a designated area adjacent to the works; this is to be agreed on site, this area is to be securely fenced at all times.

Skip exchange and drop offs will be carried out using roll on/off wagons. A trained and competent banksman will be used to banks and control the vehicle movements at all time when accessing and egressing the site to ensure that they are being carried out safely and in the correct manner.

All demolition masonry arisings will be loaded into 8 wheeler lorries and removed from site.

Any hook loaders attending site will have an automatic sheet system which will cover and uncover the appropriate skips, when required. All site vehicles will be escorted on site and attend a brief induction. At all times, all delivery drivers will wear their PPE as detailed in the induction.

Internal Soft-strip Methodology

The former dwelling, Baptist Farm, will be soft stripped manually and mechanically of all redundant left-over debris and internal fixtures & fittings, stripping the buildings, where practicably possible, back to original shell. Any items deemed inaccessible or unsafe to remove as part of the internal soft strip, shall be removed during the main demolition works. Designated transit routes will be implemented, all subsequent waste arisings to be removed and placed into appropriate skip, by mechanical means.

The outline sequence proposed is to progress the works in a safe and orderly manner. Strip out works may be ongoing in more than one building at any time.

The dwelling will be 'soft stripped' prior to any structural demolition works to maximise segregation of waste. All loose items will be manually removed from the buildings.

Prior to soft strip works being carried out, the UDCS Site Supervisor must have in their possession the following:-

Pre-demolition / refurbishment asbestos survey

UDCS Demolition Ltd are in receipt of a copy of the R&D survey undertaken by Lucion Environmental Ltd, Ref 468117, 18th May 2021.

Reoccupation/ Air Clearance Certificate

To be provided by the client prior to commencement of works.

Disconnection of Services

Chestnut Homes Ltd has provided UDCS Demolition Ltd with information regarding the disconnection and location(s) of services. This has been incorporated below:

Operatives, using a variety of hand tools, will manually and mechanically remove the following: -

- Left over debris from the previous occupants
- Floor coverings
- Fixed furniture
- Sanitary installations
- Kitchen installations
- Mechanical and electrical installations
- Suspended ceilings
- Doors, frames, and architraves
- Stud partition walls
- Light timberwork

All operatives involved within this element of the works are trained in manual handling and are not expected to lift or carry heavy items. Where external drop zones are formed, then exclusion zones will be created and robustly controlled. Materials will be removed from the building into suitable waste containers (16yd/40yd ro-ro skips), placed adjacent to the areas of soft strip works. Arisings will be loaded manually and mechanically using the D-Rig and its grab attachment, reducing the manual handling element of works. Where materials are to be removed from upper levels of the structure, an exclusion zone will be established using heras fencing to prevent access to the area. Items which are deemed unsafe to be removed manually, will be removed as part of the main demolition process, and separated and segregated accordingly. Should any leading edges be created by removal of fixtures, barriers will be installed to prevent operatives accessing the hazard.

All UDCS operatives are asbestos awareness trained. Should any suspect materials be identified during the soft strip works then operational works in the area will cease immediately until the material can be correctly identified.

UDCS Demolition Ltd will implement a one way system throughout the structure, with the entry point being the front of the property and the exit via the back door, therefore avoiding the overcrowding of access points.

Should, at any point, UDCS deem that works would harm the safety of our employees, then we will act accordingly, and client's will be notified.

Mechanical Demolition

The main element of the structure is to be demolished utilising a demolition spec D-Rig excavator, operated from a protected cab.

Any plant and equipment used will be:

- A. Of a type and condition appropriate to the location and type of work involved;
- B. in the control of a competent operator, who holds a valid certificate of training achievement where appropriate; and
- C. Maintained in good working condition at all times including the current certificates (e.g. Certificate of Conformity or Certificates of Thorough Examination).

Any attachments should be properly fitted to machines of adequate power and stability for the intended use.

Plant:

- 1 x EC220E Demolition Excavator

Attachments:

- 360 Rotating Pulveriser
 - Bucket
 - Demolition Grabs
 - Breaker
- Rotar with integrated shear

Dust

Dust suppression units shall be utilised throughout the demolition to create a fine mist over the building.

A water hose shall also be affixed up the D Rig excavator's boom into the jaws of the pulveriser to combat dust produced when demolishing.

Monitoring

If required, background air monitoring shall be undertaken via monitoring station to ensure no dust breaches the site boundary. Added dust suppressant units will be deployed with a hydrant pipe situated at the operational work area.

Dust Suppression

UDCS will adapt a water supply for site use. An alkathene pipe will be fitted around the boundary of the site, where practically possible, in a neat and orderly manner, with various outlets at pertinent location for optimum dust suppression.

Superstructure Demolition

All demolition will be undertaken following BS 6187 guidance.

Below is an outline of the approach UDCS Demolition Ltd will adopt when developing the defined methodology.

Banksman will be in position at pertinent locations and an access point will be defined for operatives and machines to access and egress the operational work area.

The majority of the works are envisaged as being undertaken using the Volvo EC220 D-Rig with its specialist attachments. Operatives are to incorporate an exclusion zone around the demolition operational work area. This is to be put in place using crowd barriers or heras fencing and sufficient signage. This will ensure that only authorised personnel enter the operational work area at this point.

The UDCS supervisor will carry out a pre-check within the structures to be demolished prior to the commencement of works to ensure that no personnel remain within the buildings. The entrance to the structure will then be closed by fixing timber sheets permanently over the door.

Operatives, using the Volvo EC220 Demolition spec D-Rig fitted with its specialist attachments, positioned appropriately on the prepared ground, will reach into the former dwelling and associated outbuildings, selecting manageable sized sections of the structures in neat formation, with the demolition masonry arisings being guided down within the drop zone area, directly in front of the D-Rig, exposing the entire roof system. The D-Rig will remove each A-Frame structural truss from its fixed position, individually, in its entirety and guide down to ground level. A secondary machine will further process the arisings, keeping the operation work area clear of obstruction.

Continuing forward, structural bay by bay, the remaining structure will be dismantled. Operatives will work in unison with the D-Rig and secondary machine, remaining in contact at all times with the excavator drivers via radio communications. Banksmen will also be located at pertinent locations. The D-Rig will reach into the remaining buildings and proceed to select manageable sized sections of the structure in neat formation, lowering the arisings down to ground level in a controlled manner, down to the drop zone area in front of the D-Rig. Other waste arisings will be passed to the secondary excavators to be further processed and placed into appropriate skips. The operational work area is always to be kept free from obstructions. This method will continue until all structures within the site boundary are down to ground level.

Substructure Removal

All works will be undertaken following the guidance, HSG47: Avoiding danger from underground services/ GS6: Avoidance of danger from overhead electric cables.

Removal of floor slabs and associated foundations to the footprint of the property and associated outbuildings, not exceeding 2 metres below ground level.

Once the structures have been demolished down to the ground bearing slab all the redundant demolition masonry arisings will be cleared from the operational work area, exposing the floor slab. Using the bucket attachment on the D-Rig, the floor slab will be lifted. Starting in one corner of the slab a small excavation will be carried out to expose the underside of the slab. The D-Rig will then be repositioned, selecting and lifting the slab. The slab will break up under mechanical pressure exerted by the D-Rig. Should the slab require pre-weakening, the D-Rig fitted with its impact breaker attachment will break up and excavate out the slab in strategic locations to assist the lifting.

Once an area of slab has been broken up, a D-Rig fitted with bucket attachment will locate and pull the broken slab from its position. The operator will work along the area of broken slab in strips. The arisings from the works will be temporarily stockpiled at a suitable location on site. Using a flat graded bucket attachment, the D-Rig will follow the natural footprint of the structure foundations by grading and exposing. An impact breaker will be utilised to break these foundations into manageable sized sections with the secondary machine utilising the bucket attachment to lift the redundant foundation in its entirety. These are to be added to the existing stockpile of arisings. The D-Rig will later utilise site generated material to backfill and compact any voids created.

Upon completion of the floor slab and foundation removal, the D-Rig will then grade and level off the operational work area to the existing contours of the site.

Where practically possible the redundant waste materials will be segregated into waste streams and removed from site.

The area surrounding the works will be classed as an exclusion zone and segregated from the main site with the placement of heras fencing and only those directly connected with the works will be permitted to enter the area. Any dust generated from the activity will be suppressed by operatives using high pressure 3000psi diesel pressure washers, situated around the site with the lances aimed at any resultant dust.

Hard standing Removal

Once the foundations and substructures beneath the footprints of the demolished buildings have been removed by excavation, then the hard standing removal will commence.

The Volvo EC220 demolition spec excavator fitted with bucket attachment will locate on the hard standing at the perimeter of the site; working along the perimeter, the operator will grade the hard standing away to reveal the sub soil. The hard standing arising will be temporarily stockpiled behind the excavator. A support excavator and dumper will periodically collect the stockpiles and take it to the designated areas. The operator will remove the hard standing from the perimeter of the site and work towards the central area. A suitable road will be left in place to allow vehicles to manoeuvre without transferring soil around the site.

When the hard standing has been completely removed from an area the ground will be inspected, ensuring that no voids are present, including the basement excavation. The operational working area will be compacted by tracking a heavy machine over the ground, grading the area to the existing contours of the site.

All demolition masonry arisings generated from the demolition process are to be loaded into 8 wheeler lorries and removed from site. All other waste arisings are to be separated, segregated, loaded into the appropriate skip and removed from site.

COVID-19 Guidance:

- All mechanical demolition and sub-structure removal operations will be carried out in line with the government guidance on social distancing.
- Each operative will be assigned to a machine for the duration of works. Operatives are not to utilise another machine for the duration of the demolition scope of works.
- Operatives will be provided with their own individual sanitiser to encourage the regular cleaning of hands during daily operations. Staggered and frequent breaks are also encouraged to enable staff to utilise hand washing facilities provided within the on site welfare.
- Operatives are required to thoroughly clean their machines at the beginning and end of each shift, with regular touch points to be cleaned throughout the day.
- Machines will be utilised to load and level skips, wherever possible, to minimise the requirement of manual handling; manual exhaustion and to maintain social distancing.
- All operatives on site (machine drivers; banksmen and labourers) will be provided with radio communication devices so as to maintain communication and avoid the requirement for face to face interaction, maintaining social distancing.
- Should, at any point, UDCS deem that works would harm the safety of our employees, then we will act accordingly, and client's will be notified.

Finishing works:**Removal of waste arisings:**

Operatives must ensure that all waste arisings generated from the project are separated and segregated into appropriate skips. This will be managed by the on-site supervisor. Each skip will be for a specific type of waste i.e. clean timber, scrap metals, general waste, plasterboard, glass glazed units, etc. The use of the D-Rig with grab attachment, where necessary will load skips and level off appropriately to reduce manual handling. Banksman and dust suppression to be in place at all times.

The waste contractors managing the above waste will be Lindum Waste Recovery; Fox (Owmby) Limited and Ward Recycling who will supply UDCS Demolition Ltd with appropriate waste transfer notes.

Operatives are to ensure all excavations are backfilled and the site is left in a level, clean and tidy condition. The operational working areas are to be graded to the existing contours of the site, utilising material utilising imported soil.

Removal of plant and equipment:

All skips and plant will be removed from site. Banksman will be in place to assist loading of plant and exiting the site.

A meeting will be arranged with the client and representatives to carry out a final site visit upon the completion of works to ensure all requirements have been met.

Key Safety Issues

Asbestos

We ensure our demolition operatives undertake Asbestos awareness training on an annual basis.

A Demolition / Refurbishment Asbestos Survey must be undertaken by law, prior to the carrying out of any Demolition or Major Refurbishment works. **Please ensure that you have witnessed, read and understood the Demolition / Refurbishment Asbestos Survey report before works commence. A copy of this report should be available on site at all times.**

All Notifiable Asbestos products detailed within the Demolition / Refurbishment Asbestos Survey will be removed prior to any Demolition works by an approved contractor, an HSE Licensed Asbestos Removal Contractor. The UDCS on-site supervisor and asbestos contractor will cross reference the obtained R&D survey to all relevant area, confirming asbestos has been managed and removed appropriately.

Operatives are to be aware of the potential dangers of hidden Asbestos within the working environment, which may not have been picked up during the Demolition / Refurbishment Asbestos Survey.

Should any potential Asbestos Containing Materials, other than obvious Asbestos Cement Products, be discovered during the work, works within the area are to cease with immediate effect. The Site Supervisor or a Senior Member of The Site team to be notified.

Respirable Crystalline Silica (RCS)

Stone, brick, tile and concrete contain silica and produce silica dust known as RCS. Many activities undertaken during the demolition works process produce silica dust into the atmosphere, these activities are listed within our risk assessment. Inhaling silica dust can lead to silicosis, a serious and irreversible lung disease that causes permanent disablement and early death. The dust is invisibly fine and gets deep into the lungs.

Crystalline silica concentrations in common materials

plastic composites	up to 90%
sandstone, gritstone, quartzite, flint	more than 70%
concrete, mortar	25% to 70%
shale	40% to 60%
china stone	up to 50%
tile	30 to 45%
slate	up to 40%
granite	up to 30%
brick	up to 30%
ironstone	up to 15%
basalt, dolerite	up to 5%

The amount of silica dust inhaled in operatives will to be minimised by reducing as far as possible the amount of airborne dust. Please see the risk assessment for control measures suitable to the specific demolition task or activity. By following these controls, the amount of airborne dust will normally be below the workplace exposure limit (WEL) of 0.1 mg/m³ expressed as a time weighted average (TWA).

There are no Confined Space activities taking place during the course of our scheduled works.
If for any reason an activity should arise, that require access to a Confined Space, please cease the work activity immediately and report to The Site Supervisor or a Senior Member of The Site team.

It is a clear standing instruction that any hazardous substances must not be used without an assessment being completed.

Substances which will be used during the demolition Works:

Oxygen		Compressor Oil	
Propane		Lubricating Grease	✓
Gas Oil/Diesel	✓	Petrol	
Engine Oil	✓	Hydraulic Oil	✓
Lubricating Oil		Activate	

Labour/Operatives Details

[illegible]

Protection of Existing Structure, Features and New Work

Any applicable party wall agreement to be in place and presented to UDCS prior to start.

Environmental Issues

The following Environmental issues will be present during Mechanical Demolition

- Noise
- Dust
- Drains
- Refuelling of Plant
- Waste streams

See the environmental section of site specific Risk Assessment for issues relating to mechanical demolition.

Access/egress

Please refer to the Traffic/Logistics Plan

Logistics (Delivery/Materials)

Please refer to the logistics plan provided within this Method Statement.

Temporary Lighting and Power (inc. PAT)

The majority of demolition works are to be undertaken during daylight hours. On site operations to be carried out between 07:30am-18:00pm. Should daylight hours reduce, UDCS will utilise battery operated lighting tower.

PAT Testing and paperwork must be on site with the UDCS Supervisor.

Emergency Procedure (Inc. Rescue, & First Aid)

The UDCS on site first aider(s):

Daniel Hall

A fully stocked first aid kit is kept in the Supervisors office on site.

The First Aid Kit must be sufficient for the number of operatives and the activities being carried out on site

For Emergency Procedures Please refer to the Construction Phase Plan.

Permits to Work

Demolition Permit – Section 81

Supporting Documentation

Appendix 1 – Risk Assessment

Appendix 2 – COSHH Assessment

Method Statement Briefing Record

By signing this document, I am declaring that I have read and understood the contents of the Method Statement, and that I will not undertake any activity on site which deviates from the information and guidance contained in this document.

[illegible]

CONFIRMATION OF SERVICE ISOLATION/DISCONNECTION

Note:
If executed confirmation of service disconnection is not present within the site file, the client should produce written confirmation.

However, although no written confirmation has been produced, works may proceed with due care if the client duly validates this document to confirm services have been isolated/disconnected.

(If the client/ client site supervisor is not present on site, advise the office immediately who will email this to the client for confirmation prior to demolition works commencing.)

I confirm that all necessary services have been isolated/disconnected in order for the demolition work to take place.

Signed:

Print Name:

Date:

Name of Organisation:

If any services are to remain live throughout the project, they must be clearly identified to the site Supervisor:-

Services which remain live are:

.....
...

Signed by the Client:

Signed by UDCS Supervisor:

This document must be kept on site and returned to the office at the end of the project.

SITE INDUCTION FORMAT FOR VISITORS AND SITE STAFF

You will be asked to complete the induction sheet.

You will receive a brief on the current up to date Government guidance on COVID-19 and the site implications of this. Communication will be received as to the site-specific rules in line with COVID-19 Guidance, including the receipt of our onsite COVID-19 Guidance statement and Method Statement.

Emphasis will be given to adhere to the government 2m social distancing guideline, wherever possible.

On site inductions will be held outside, wherever possible, with social distancing in place.

Please be aware that this is a working demolition site.

Suitable Safety PPE to be worn as required.

You will be provided with a hard hat and high visibility tabard, which are to be handed in before leaving.

These must be worn correctly at all times on site, except in welfare facilities.

You must be accompanied at all times on site by a representative of UDCS

For your safety follow the instructions of UDCS personnel at all times.

You must not enter exclusion zones beneath high level work.

Pedestrians beware of vehicle and machine movements.

In case of an emergency, the demolition assembly point is the site cabin at the entrance to our site.

You must sign in and sign out at the gate on each site visit.

It is illegal to smoke inside any building, warehouse, cabin, site machine/van etc.

Operatives are to only smoke/vape in designated areas. Client regulations forbid congregating outside the building to smoke.

Site Induction

The under noted have attended the site induction

[illegible]

Tool Box Talks

The under noted have attended the tool box talk given by the appointed person.

[illegible]

Client Feedback Form

***Supervisor – Please sign the below upon completion of works and then pass to the client to give feedback*

JOB NO					
CLIENT					
LOCATION					
DESCRIPTION OF WORK					
CONTRACT PERIOD	From:		To:		
UDCS SUPERVISOR – I confirm that the site has been checked, left safe, clean and tidy and that all equipment, tools and consumables have been removed.					
Signed:		Print Name:			
Date:					
CLIENT –This is to confirm that UDCS have successfully completed all contracted work to our satisfaction. Accepted for and behalf of the client.					
Signed:		Print Name:			
Date:					
CLIENT COMMENTS: In our endeavour to provide our clients with quality service we should be pleased if you would take a few moments to complete the following:					
	Excellent (5)	Good (4)	Average (3)	Below Average (2)	Poor (1)
Communications with Office					
Paperwork received from office					
Attitude of team on site					
Workmanship					
Communication with Client (site)					
Time keeping					
Health & Safety Measures					
Additional Comments:					