

Method Statement for the Demolition of The Parkwood Building, Blackpool Victoria Hospital

Rev A



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Blackpool Teaching Hospitals
NHS Foundation Trust

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1. PROJECT STATEMENT

It is the intention to undertake the demolition of the Parkwood Building situated at the corner of Whinney Heys Road and East Park Drive, Blackpool Victoria Hospital.

Appended are plans & photographs which show the position of the site in both a local and a city wide context together with a plan which shows the site area and an aerial photograph shown below.



The proposed demolition will involve the removal of an existing building including pipes, machinery, ducts, building cladding, insulation, and frame structures etc generally down to foundation level.

Utmost care will be given with regard to the welfare of the public and hospital staff and patients, without putting at risk their health and safety and that of others who may be affected by the project, particularly the surrounding buildings.

Connell Bros demolition contractors have now been appointed for the demolition of the East Block, but the Trust would now also like to demolish the remainder of this building. The following sets out the initial demolition method principles, which will be adopted.

We recognise that activities should be carried out with an understanding and awareness of environmental matters. The Demolition Contractor will therefore actively seek to reduce any adverse impact on the environment, to levels that are reasonably practicable to attain, by implementing high standards of pollution control and care for the local environment.

The anticipated contract time scale for the East Block is 12 weeks and a slightly longer timescale is foreseen for the remainder of the building. The specification is set out hereafter in this document.

To this end the Demolition Contractor will carry out our works in accordance with a proposed programme of work unless unexpected complications arise and require the programme to be altered or re-adjusted. If any alterations or adjustments are required, any changes will be fully documented, and the client advised accordingly.

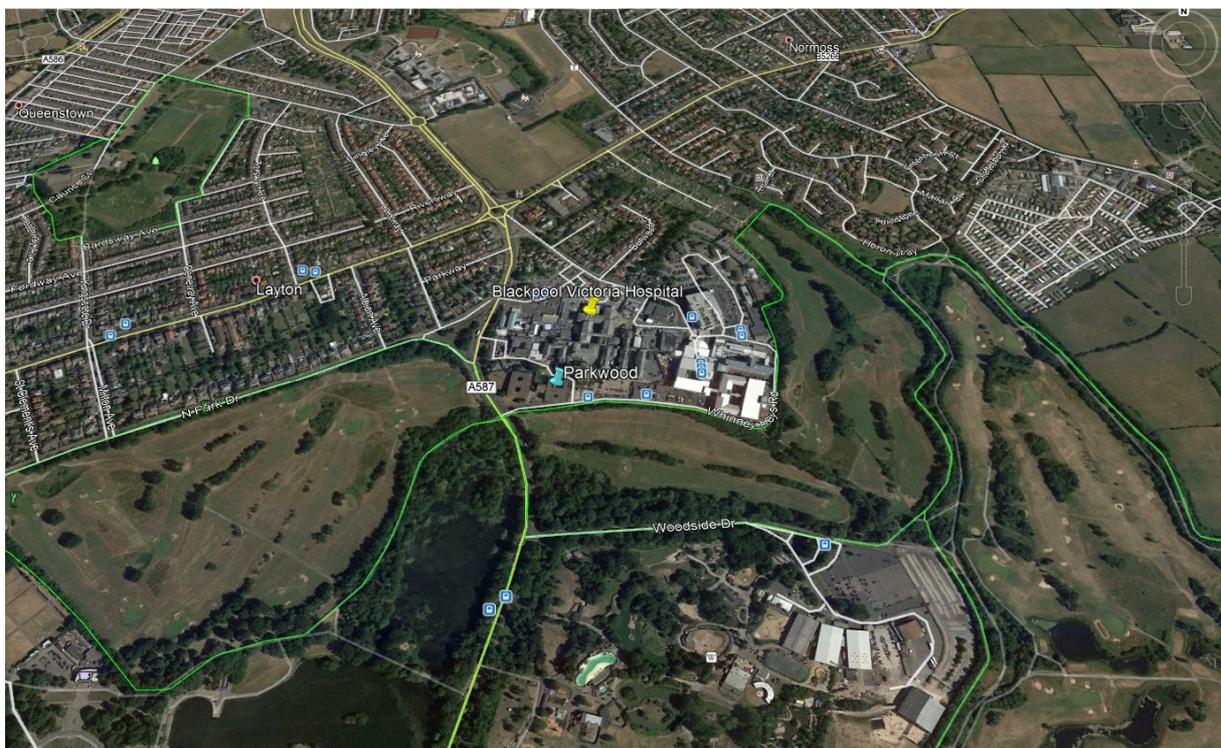


2. INTRODUCTION

The Parkwood Building is on the SW corner of the Blackpool Victoria Hospital site. It is currently leased to Lancashire & South Cumbria NHS Foundation Trust with Blackpool Teaching Hospitals NHS Foundation Trust owning the property freehold.

However both Trusts have agreed to exchange various properties, and as part of this exchange the Parkwood lease will imminently be transferred back to Blackpool Teaching Hospitals NHS Foundation Trust.

The main Hospital buildings lie to the North and East of the site and across Whinney Heys Road is Herons Reach golf course with the Salisbury Woodland and Blackpool zoo beyond. To the West across East Park Drive (A587) dual carriage way is Stanley Park and the city centre beyond that.



The structure is generally three storey but part of this is a basement under-croft due to the steeply sloping site and so there are several points of external ground floor access. There is also a small additional second floor plantroom above the central block.

The building has now been vacant for some time but was previously used for the provision of low secure mental health residential care but is no longer fit for purpose.

The building has two halves (East & West) with a central support area which is connected via a single storey corridor connection at first floor level to an upper level hospital road with links to the rest of the Hospital. There is an existing sub-station at ground level in the central area which provides electrical supply to a large proportion of the hospital.

The Trust now intends to demolish the whole of these buildings as the attached site plan.

The building construction comprises of external masonry cavity walls with facing brickwork, concrete frame and floors, and some masonry wall internal structural supports. There are also internal courtyards, and the building has felted flat roofs.

Prior to demolition all hazardous substances will be identified and removed in a controlled manner, including asbestos and substances controlled by COSHH.

An Asbestos Refurbishment and Demolition Survey has been carried out identifying several locations of asbestos containing – gaskets, woven products, vinyl tiles, bitumen adhesive, insulating board, and paper. Following the removal of ACM's the building will be soft stripped prior to demolition.

Prior to the demolition work-scope commencing the Demolition Contractor will conduct a dilapidation survey on surrounding drains, services, footpaths, and roads with any findings being recorded and a photographic record taken.

Demolition will typically be by mechanical means and controlled deconstruction with the use of high reach demolition excavator with shear attachments particularly for steel structural elements. Hydraulic hammers used for concrete structures, and concrete processing attachments are to be used to crush concrete to a manageable size, and to remove reinforcing steel, all fitted with dust suppression.

The areas around the Live sub-station and cable links to the rest of the hospital will be carefully deconstructed and crash decks formed around these area to prevent damage or H&S dangers. These elements will be retained until a new

Following all demolition activities all ground floor slabs are to be grubbed up and disposed off site or crushed to provide a stoned surface at grade for future site redevelopment.

All other waste materials will be removed from site to the appropriate Licensed Landfill facility and the site will be cleared to the satisfaction of the client.

3. ENVIRONMENT

The SW corner of the site falls within the designated Stanley Park Conservation Area, but the Eastern half of the building to be demolished is outside this and the existing building is not a Listed Structure.

No site investigations have been undertaken of the suitability of ground conditions, nor contamination, environmental, archaeological, or geotechnical surveys nor underground mineral or other workings, methane gas or other noxious substances.

We have not carried out any intrusive site investigations and have assumed that the ground has adequate load-bearing capacity for the proposed demolition works.

No underground obstructions, water courses, or other features which might adversely affect demolition or result in abnormal costs are known with the exception of local authority and Hospital services runs which are recorded on available survey drawings.

We are unaware of any contamination or potentially contaminative use ever being carried out on the property. We have not carried out any investigation into the past and present uses of either the property or any adjoining or nearby land to establish whether there is any potential for contamination to the subject property and have assumed that none exists.

The site is not situated in an area associated with mining activity or high concentrations of radon gas.

The site is located in an area designated on the Environment Agency Flood Risk website as being low risk of flooding from rivers or sea. The Agency's definition of low risk is a chance of flooding of between 0.1% and 1% in any year.

4. SUMMARY SCOPE OF WORKS

1. All notifications and licenses required for associated works in place.
2. Confirmation disconnection/isolation of services.
3. Tree Protection fencing installed and all trees to remain and be protected.
4. Site Set-Up – Hoardings/Welfare facilities/Skips
5. Remove asbestos containing materials – Asbestos Plan of Works
6. Clear out and dispose of all loose items within the building.
7. Soft stripping of building prior to demolition.
8. Protection of substation and live cable routes
9. Utilising Semi High Reach, 14 & 20 ton excavators demolish the East building.
10. All dust and noise monitoring will be carried out by the Demolition Contractor and suitable dampening down will be utilised.
11. Remove by hand/tower scaffold the areas adjoining the retained sub-station structure and live services.
12. Utilising hammer/bucket attachment break out building footprint to 1.5m depth tbc
13. Backfill foundations with crushed material and compact (6F2) - tbc
14. Remove all waste materials from site
15. Leave site clean and tidy.

5. ACCESS AND EGRESS

Access to and egress from the demolition site will be through new hoarding gates onto Whinney Heys Road which has a 20mph speed limit, as shown on the attached Access Plans.

Banksmen will be in attendance for all vehicle and machine movements from the Road onto site and at all times whilst on site.

The access being utilised will be securely maintained for the contract period in accordance with the general programme and sequence of works.

The site working area is very restricted by the retained building and hospital access roads and we have therefore proposed that hoardings enclose the Northern pavement of Whinney Heys Road. A temporary pavement route on the South side of the road will be created with appropriate signage for pedestrian use.

It may also be possible to relocate the pavement hoarding and re-instate the existing pavement use as works progress.

We envisage that the demolitions will commence on the South Elevations of the building to create more working room and access. It is likely that temporary closure of the road will be required to safely enable this, and we will try to minimise such closure and carry out these works out of normal working hours.

Routes suitable for emergency traffic will be provided and maintained at all times. Particular care will be carried out to ensure that access for emergency services will not be impaired during delivery or collection of plant and materials.

In order to maintain traffic/pedestrian safety, drivers will be instructed to observe normal Highway Code requirements, adhere to the mandatory speed limit, and take additional precautions in the vicinity of co-workers.

Skips, wagons, and plant will arrive and leave via the existing access points indicated on the Plan .

Drivers of vehicles wishing to enter site must stop at the site office to sign in and receive instructions.

The drivers will undertake an induction, which includes highlighting any possible risks, as well as fully understanding the Traffic Control System.

5.1. Parking

Double yellow line parking restrictions are in force along both perimeter roads and parking of unauthorised vehicles will not be permitted within the site.

Parking is limited but is available in the designated public car-parks where standard charges apply.

5.2. Welfare & Storage

There are existing Contractor Mess and welfare facilities in the car park area behind the Audiology department.

A small site cabin for sign in and additional site storage cabins will be situated within the confines of the site compound as indicated on the plan.

6. SITE SAFETY

6.1. Generally

All operations will be executed at all times in such a way as to ensure as far as it is reasonably practicable that the health, safety, and welfare of all persons likely to be affected by operations including sub-contractors, client's staff, visitors, and the general public are maintained.

At all times, the Demolition Code of Practice will be adhered to.

Notification of this demolition Project will be made to the HSE and an F10 certificates will be posted on site all in accordance with the CDM regulations.

The Demolition Contractor will operate a Company Health and Safety Policy in accordance with the current Health and Safety at Work Act 1974, and accompanying legislation.

6.2. Induction

All operatives will receive a site induction from the Demolition Contractor site manager when they arrive on site; a first aid box and accident book will be kept inside the site office;

All operatives will hold a current CCDO qualification card and as a minimum each operative will have attended an asbestos and demolition awareness course.

All site visitors will report to the site office and if they are to go onto site they must have a site induction.

All other persons are not permitted on site and this will be enforced through a site security system, safety barriers and warning signs.

Team talks will also be used as an opportunity for the workforce to be consulted on health and safety issues as a means of complying with the 'Health and Safety' (Consultation with Employees) Regulations 1996.

At all induction meetings and tool-box talks it will be a requirement that those present are asked to report any issues related to health and safety that may be of concern. When such information is received by the management it will then be recorded and appropriate measures will be implemented.

There will be an effective communication strategy in place on site for liaison between all parties, which is maintained through start-up meetings and daily morning briefings.

6.3. Use Of PPE By All Site Operatives

All site operatives will be issued and wear as standard, safety helmets in compliance with BS.EN397:1995, flame retardant overalls, high visibility waistcoat or high visibility overalls, gloves, safety glasses and safety boots (toe-cap, ankle support and mid-sole protection) at all times.

Goggles, RPE and hearing protection will be readily available as needs arise. The issue of all PPE will be logged in the PPE register.

If necessary hearing protection zones will be set up and suitable hearing protection will be available.

As a part of soft stripping and demolition procedures it is often a requirement that operatives wear appropriate PPE/RPE masks to protect the respiratory system of the individual.

In order for the mask to be worn in the correct manner and to work effectively the user must be clean-shaven. Operatives will be made aware in advance when they are to be involved in such activities and hence ensure that they come to work clean-shaven. If an operative is not clean-shaven they will need to be allocated to an alternative task. All operatives undergo a Fit to Fit (HSE Approved) Face Fit Test at an accredited facility.

6.4. Warning Signs

The Demolition Contractor will provide suitable signage displayed to the perimeter in clearly visible positions and suitable safety barriers forming access and egress routes also displaying the necessary signage will be erected.

- Site safety sign.
- Danger Demolition In Progress
- Danger keep out.
- Children must not play on this site.
- PPE Requirements

6.5. Fire Prevention Strategy

The key issues with any fire prevention strategy are the following points:

- Risk assessment
- Means of escape
- Means of giving warning
- Means of fighting fire

Further risk assessment documentation will be provided by the successful demolition contractor.

A system will be in place on site to alert personnel in the event of a fire, as a temporary fire alarm utilising a klaxon or air horn.

Fire extinguishers will be located at identified fire points around the site. The locations may change as demolition progresses. The extinguishers will be appropriate to the nature of the potential fire:

- Wood, paper, and cloth – water extinguisher;
- Flammable liquids – dry powder or foam extinguisher;
- Electrical – carbon dioxide (CO₂) extinguisher.
- No bonfires are allowed anywhere on the site.

6.6. Emergency Procedures

An emergency co-ordinator will be appointed for the site and he will formulate an Emergency Procedure for the detailing of Fire Points, Emergency Exit Routes and Muster Points.

He will be responsible for ensuring the relevant emergency services are called to the site when necessary and that emergency roll calls are undertaken.

There will be a minimum of one first aider on site.

Any health and safety incidents will be immediately reported to the site manager. In potentially dangerous situations the Demolition Contractor will take necessary precautions to minimise the effect of danger but only if this can be achieved without putting any persons at risk.

If the situation arises the site will be secured, and a plan of action will be agreed and implemented.

7. ASBESTOS REMOVAL

A pre-demolition/refurbishment Asbestos Survey has been carried out for the Building by Lucion Environmental Ltd (Contract Ref 45005 dated 13/6/19) and Asbestos has been found to be present in several locations.

The Demolition Contractor will be responsible for the safe removal of all asbestos found to be present (even where not identified in this report) by licensed contractors as necessary and for the relevant HSE notifications.

An asbestos plan of works will be developed and approved complying with the Control of Asbestos Regulations 2012.

7.1. Supervision

All the Demolition Contractor's site supervisors will have undergone a training course to enable them to identify asbestos and the procedures to be carried out where identified and should the need arise during the demolition activities.

In the event of any materials being uncovered during the works, which appear to be asbestos, works in that area will cease immediately. The area will then be fenced off to prevent any access by site personnel and the relevant bodies will immediately be notified.

A re-appraisal of the removal works will then be implemented, and documentation given and understood by all concerned.

8. SITE SECURITY

The site will be enclosed during demolition with full 2.4m height timber (or metal) hoarding to all boundaries with secure gated access.

There are existing CCTV cameras on the Parkwood building, and these will be relocated and potentially extended to cover the demolition site security.

9. DUST, NOISE & VIBRATION MITIGATION

Measures planned to be adopted include:

- In undertaking the works the Contractor shall ensure that all emissions to air are minimised and that Best Practicable Means, as defined under Part III of the Environmental Protection Act 1990 are used;
- During all stages of the demolition works the best practicable means shall be employed to minimise noise and vibration produced by demolition operations and regard shall be had to the recommendations in the British Standards referred to in The Control of Noise (Codes of Practice for Construction and Open Sites – England Order 2002).
- Use of additional hoarding around any sensitive perimeter area of the site to assist in the screening of noise and dust generation from low-level sources;
- Hydraulic deconstruction to be used in preference to percussive techniques where practical;
- All plant and equipment to be used for the works to be properly maintained in good working order, silenced where appropriate, and operated to prevent excessive noise and switched off when not in use and where practicable and sited away from sensitive areas;
- Provision and operation of mobile crushing/screening plant is to comply with DEFRA Process Guidance note PG3-16 (latest version) and terms of the written authorization/permit;
- Plant will be certified to meet relevant current legislation and British Standard 5228 (BS5228) Standards;
- All Trade Contractors to be made familiar with current legislation and the guidance in BS5228 (Parts 1 and 2), which will form a prerequisite of their appointment;
- Threshold vibration limits will be set, and monitoring equipment established at locations outside the site that are deemed sensitive;
- Loading and unloading of vehicles, dismantling of site equipment such as scaffolding or moving equipment or materials around site will be conducted in such a manner as to minimise noise generation. Where practical these will be conducted away from noise sensitive areas;
- Noise complaints, or exceedances of action levels, will be reported to the Contractor and immediately investigated;
- All surfaced and un-surfaced site access roads shall be watered as necessary and surfaces kept in good order to control dust;
- Brushing and water spraying of heavily used site hard surfaces and access points as required to control dust;
- Wherever possible, plant and equipment will be switched off when not in use;
- Vehicles to and from site transporting materials such as loose aggregate and workings capable of generating dust to be suitably sheeted on each journey to prevent release of materials and particulate matter;

- Effective wheel/body washing facilities to be provided and used as necessary;
- Burning of wastes or unwanted materials will not be permitted anywhere on-site;
- Only sound-reduced compressors shall be used, with properly lined and sealed acoustic covers, fitted in accordance with manufacturer's instructions and kept closed whenever the machines are in use, and all ancillary pneumatic percussive tools shall be fitted with mufflers or silencers of the type recommended by the manufacturer.
- Dampening of exposed soil and materials stockpiles shall take place, if necessary, using sprinklers and hoses;
- All stockpiles of soils and materials shall be located as far as possible from sensitive areas, taking account of prevailing wind;
- Windbreak netting shall be positioned around materials stockpiles and vehicle loading/unloading areas, as well as exposed excavation and material handling operations;
- Completed earthworks shall be covered as soon as is practicable; regular inspection of and, if necessary, cleaning of local highways and site boundaries shall take place to check for dust deposits (and removal if necessary);
- Visual inspection of site perimeter shall be undertaken to check for dust deposition (evident as soiling and marking) on vegetation, cars and other objects and taking remedial measures, if necessary;
- Surface areas of stockpiles shall be minimised (subject to health and safety and visual constraints regarding slope gradients and visual intrusion) to reduce area of surfaces exposed to wind pickup;
- The use of dust-suppressed tools for all operations shall be considered;
- The location of vehicle compounds away from the site boundary, where possible;
- All wastes will be stored in designated areas which are isolated from surface drains;
- Mobile plant will be refuelled in a designated area, away from drains and watercourses;
- Special care will be taken during deliveries, particularly when fuels are being handled; and
- A contingency plan will be put in place to deal with any incidents.

As far as possible, demolition works will be carried out using methods that minimise noise. For actions such as breaking out of old foundations, there is little reasonable choice other than to use percussion tools in one form or another. Quieter types of machinery will be specified for these works where possible.

For the main demolition and crushing activities water suppression will be provided by the mains systems that will be metered and check valves will be fitted.

An atomising steam dust suppression machine will be utilised on site to combat the dust generated whilst the buildings are being demolished.

Turnkey Optical Particle Analysis System (TOPAS) dust monitor(s) are to be installed in agreed locations to ensure that dust levels are not exceeded, particularly next to the live ward areas.

10. WASTE MANAGEMENT

A waste management operation will be employed during the demolition works and wherever possible, materials will be recycled.

The demolition contractor will provide a detailed Waste Management Plan.

The disposal of all waste or other materials removed from the Site will be in accordance with the requirements of the appropriate legislative requirements in general and in accordance with the principles of the UK Government's 'Waste Strategy 2000'.

A principal aim during demolition will be to reduce the amount of waste generated and exported from the site. This approach complies with the waste hierarchy whereby the intention is first to minimise, then to treat at source or compact and, finally, to dispose of off-site, as necessary.

Overall, the waste management for the site is likely to comprise of the following:

- Any existing furniture and fittings removed will firstly be offered to the hospital for re-use and if not re-cycled for local community use.
- Material segregation with separation of different on-site waste streams will be undertaken for facing bricks, timbers, metal, plastics, cardboard etc.
- The material from the demolition and excavations will be loaded onto trucks and driven from site on an approved route adhering to the traffic management plan.
- Skips will be covered to prevent dust and debris blowing around the site and will be cleared on a regular basis.
- All hazardous materials including chemicals, cleaning agents, solvents and solvent containing products will be properly sealed in containers at the end of each day prior to storage in appropriately protected and bunded storage areas.

Licensed recycling centres are to be confirmed by the successful demolition contractor.

11. HOURS OF WORK

It is anticipated that the core working hours for demolition will be set out as follows:

- 0800 – 1700 hours Weekdays;
- 0800 – 1300 hours Saturday; and
- Working on Sundays & bank holidays will be subject to reasonable notice.

All work outside these hours will be subject to prior agreement, and/or reasonable notice to the Council. It is not anticipated that night time working will be required.

12. MANAGEMENT

The Demolitions contract manager will visit the site daily and a working supervisor will be appointed to oversee the day-to-day operation. One or more will attend site daily to monitor and ensure compliance.

Daily visits will include a safe visit to inspect the work methods, housekeeping and include safety discussion with the workforce.

13. SEQUENCE OF WORK

13.1. Site Set-Up

Heras fencing using panels, feet and double clips with appropriate signage will initially be erected around the site compound.

Hoarding will then be erected to demarcate the operational car-park/ buildings from the demolition site.

The site hoardings will be 2.4m high consisting of rails and posts set at 2.4m centres with 650mm deep foundations. Rails will be clad with WBP ply with header, kicker, and cover strips to joints and all will be painted with two coats of oil based paint or similar proprietary metal system.

Warning signs clearly stating, 'Danger Demolition' and 'Keep Out' will be attached to the perimeter of the fence at intervals of 15 metres.

Temporary welfare and canteen facilities will be installed, and this area will also include the site office and first aid facilities.

All relevant notification and documentation will be placed on the site notice boards within the offices/welfare facilities.

All site visitors will be required to sign in and out of site and follow site rules at all times.

Additional storage containers will be sited in the car park area in front of the building.

13.2. Services

All services will be disconnected and isolated and certificates issued before demolition works commence, with exception of the sub-station and supply cables, which will be clearly identified and protected.

Written confirmation must be received confirming that the disconnection/isolation of services have been carried out prior to works commencing and copies will be held on site.

Statutory Authorities Services & Hospital services layout survey drawings showing all known site drainage runs, services pipes, ducts and cables present across the site area are available. The Demolition Contractor will provide adequate protection to all services indicated throughout the works.

We cannot vouch for the accurate locations of all these services and the Demolition Contractor should satisfy himself that these positions are correct with appropriate visual surveys and ground CAT scans.

In respect of the site drainage the Contractor will undertake camera surveys & condition reports of the drains prior to commencement. The should satisfy himself that these drains are all running freely prior to commencement of works and provide adequate protection to all shared drain runs throughout the works.

The Demolition Contractor will be responsible for a further camera survey upon completion to prove all drainage is in working order.

13.3. Tree Protection

Whilst there are mature trees around the Western half of the building, these will be unaffected by these works and will be protected by the site hoardings.

There are no trees within the fenced site demolition areas, and only some shrubbery to the North and East of the proposed demolition which are of limited scope and value and we are unable to retain due to their close proximity to the demolition.

13.4. Bat Surveys

An initial bat survey was carried out for the demolition of the East block and some potential roosts were confirmed as present and a Bat Low Impact Class Licence (BLICL) was obtained.

Further surveys and a new BLICL are now to be undertaken for the remaining demolitions and further information will follow.

13.5. Asbestos Removal

An asbestos survey has been carried out and this confirms asbestos present. The Asbestos is to be removed by a licensed Asbestos contractor and Asbestos Removal Method Statements & Risk assessments will be provided. Demolition activities will only commence once appropriate clearance certificates have been issued and the client is happy to proceed.

13.6. Soft Strip

Once the asbestos has been confirmed as removed a gang will begin the soft strip.

40-yard roll-on roll-off skips will be placed to receive waste. A designated drop zone (barriered off and banksman in attendance at all times) will be established for the removal of debris from each of the floors.

The gang will begin on the ground floor and strip the building moving all loose material adjacent to the skips.

Hand tools will be used to remove all skirting, doors, doorframes, flooring and all other fixtures and fittings. These will be separated and streamed to relevant waste skips for either recycling or disposal to landfill. (Scrap metal, general waste, wood).

Once the ground floor has been completed the gang will move onto the first & second floors in sequence and repeat the process.

There is access from the ground floor to the location of the skips so this loose material will be walked to the appropriate skips.

When stripping out items that will create dust (i.e. insulation/ plasterboard/ ceilings/ flooring) in the process, operatives are required as mandatory to wear disposable paper overalls over their normal boiler-suits and adequate RPE (Sundström SR100 Half Mask fitted with P3 filter and pre-filter).

Dusty environments will require the pre-filters to be changed on a daily basis and the filter checked daily and changed weekly (alternatively changed more frequently if the check deemed otherwise).

The masks will be cleaned (warm water and hygiene wipes) at the end of each shift and checked for cleanliness by a competent person before used the next day.

Redundant filters will be discarded into the appropriate waste receptacle in readiness for removal offsite.

13.7. Sub-station

An HV sub-station and electrical switch room is located at basement/ground floor in the Central Building, and electricity cables run from the switch room through the ground floor ceiling to an electrical riser at the back of this block running to the underside of the link bridge.

The floor slab above the sub-station, switch room and cables will be retained and protected during the demolition of the central block, along with the service riser and the link bridge. All works above these areas will be carefully dismantled.

Once a new sub-station is built and cabling to the main hospital diverted, the remainder of the central block and link bridge will be demolished.

13.8. Demolition

Prior to any heavy machinery being brought to site existing underground services will be protected by using plating and/or road mats. Using the 360° Semi-High reach excavator we will remove the building frontage to create space methodically.

Further excavators will also be utilised (20 tonne and 14 tonne) to work in tandem to dismantle the buildings and segregate/load the waste materials.

The building will be demolished in a methodical manner utilising excavators working from the roof structure followed by the side walls and internal support structures section by section.

Steel structural beams will be cut with Hydraulic shears and will be placed in 40-yard scrap metal skips and other waste materials placed in the appropriate waste skips.

The demolition will be performed in a systematic procedure with a banks-man in attendance at all times.

13.9. Crushing

Once the buildings have been demolished the resulting hard-core will be crushed on site. A mobile crusher will be brought to site and in a designated area will begin to crush the materials produced from the demolition processes.

A 360° Excavator with bucket attachment will load the hard-core materials (concrete and brick) into the crusher resulting in crushed material (6F2). During the operations, a banks-man will be attendance and dust suppression measures in place (as detailed in this document).

13.10. Site Finish

On completion of building demolition the concrete slabs will be grubbed up using hammer and bucket excavator attachments and the resulting crushed.

The foundations will be removed to a depth of 1.5m (tbc) to the building footprint and the area then backfilled with compacted 6F2.

The site is to be levelled to match surrounding ground levels, utilising demolition material or compacted hardcore to provide a safe even surface.

The demolished area will remain fenced off until the site is redeveloped.

13.11. Site Clearance

All plant, equipment and waste materials generated will then be removed from site. The waste materials (apart from crush to be re-used) will have been taken off-site to the appropriate licensed landfill facility and all waste transfer notes kept in readiness for inclusion in the Health & Safety file.

The site will be left in a clean and tidy condition ready for the client to inspect and sign the completion certificate.

14. PLANT AND EQUIPMENT

14.1. General

All plant and equipment to be used will be available for inspection immediately prior to commencing work and will be in a safe condition.

Test certificates will be provided with all mechanical machinery.

All plant and equipment and labour requirements will satisfy the following:-

- The Health & Safety at Work Act 1974
- The Management of Health & Safety at Work Regulations 1999
- Provision and Use of Work Equipment Regulations 1998
- Work at Heights Regulations 2005
- Manual Handling Regulations 2005
- Electricity at Work Regulations 1989
- Noise at Work Regulations 2005
- COSHH Regulations 2005
- Personnel Protective Equipment at Work Regulations 2002
- The Control of Asbestos Regulations 2012
- Highly Flammable Liquids and Liquefied Petroleum Gases Regulations 1972
- DSEAR (Dangerous Substances & Explosive Atmospheres Regulations) 2002
- Control of Lead at Work Regulations 2002
- Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 2013
- The Construction Head Protection Regulations 2007
- Guidance Note EH44 Dust: General Principal of Protection and wherever practicable conform to the following British Standards and Guidance notes including The British Standard Codes of Practice BS: 6187-2011 and CITB GE 700 April 2013 edition

14.2. Small Plant

- Various hand tools.
- Dust suppression and water equipment (meters/check valves)

14.3. Large Plant

- Semi High Reach Tonne 360° excavator with attachments
- 14 Tonne & 20 Tonne 360° excavator with rotating selector grab and bucket attachments.
- Concrete pulveriser attachment.
- Mobile Crusher

14.4. Haulage

Roll on/ Roll off skip lorry.

The haulage company will 'sheet in' the waste materials prior to leaving site.