



JENNINGS OF PUDSEY

Demolition Contractors · Plant Hire · Stone Sales



METHOD STATEMENT & RISK ASSESMENT

Job Title: Demolition and
clearance of Doctors
accommodation, Huddersfield
royal infirmary
Date: 30/09/2020

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Integrated Health Projects

Version	Version 1
Client	Integrated Health Projects 17 Navigation court Calder Park Wakefield WF2 7BJ
Contractor	Jennings of Pudsey Contact- David Jennings Tel- 0113 2558919 / 07919607966 Site Manager/Liaison Officer- as above Tel – tbc
Emergency procedure	A mobile telephone will be on site at all times to To summon the emergency service in the event Of an accident or incident
Reporting of accidents	All accidents will be reported in the accident book First aid- IHP
Site facilities	Site welfare is shared with IHP
Training	All operatives will be trained in the relevant sectors For the duties they are asked to carryout

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Revised by : David Jennings

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1. Introduction

This document describes the method in which the former doctors accommodation blocks shall be demolished and cleared to make way for a new A and E department. The demolition shall be carried out by mechanical excavators with hydraulic attachments supported by a maximum of 5 demolition operatives



Access and egress to
site via Acre street

Doctors accommodation to
be demolished

2. Site Constraints

The constraints listed below have been identified on site. These will all be separately assessed and have the appropriate control measures implemented. These have not been listed in order of importance.

- Personnel visiting and working in and around the premises
Access and egress with pedestrians

- Secure demolition zones
- Covid-19 risks (IHP covid regulations in place to be adhered to)
- Any tree protection orders listed within close proximity to demolition zones are to be addressed prior to demolition commencing
- Hospital personnel

3. Communication

The general responsibilities of communications will be with the ourselves we shall need to liaise with the client and main contractor (IHP) .Communication is an important sector of this project due to the disturbance the activity of site may cause. A site liaison officer (SLO) will be on site during working hours and his contact details will be displayed on the site boundary fencing in the instance he is required out of work hours. A second SLO will be made available in case the SLO is absent for any reason. We will adopt the following practices to ensure that the impression of the site is a positive one.

- Jennings of Pudsey are aware that issues regarding pollution and dust migration are a concern with this project due to its close proximity to the residents. Best endeavours will be made to eliminate any pollution or dust/particle migration from the site these measures are described within the outline methodology
- Jennings of Pudsey will maintain on site, a system for recording any incidents, complaints and any ameliorative action taken.
- In the event of a complaint from a neighbour or a member of the public in relation to any site activity, they will be given the SLO details. Should complaints about odour, noise, dust or vibration be received, they will be addressed directly by Jennings of Pudsey to enable results at the time of the complaint to be reviewed, and where appropriate immediate actions employed to rectify the problem.

4. Scope of Works

The scope of works are listed below. Each item will be specifically referred to in the methodology section.

- Doctors accommodation soft strip
- Doctors accommodation demolition
- Removal of foundations and hard standings

5. Access, Egress and Site Logistics

All demolition works access , egress and logistics will comply with IHP traffic management plan at the time of works.

The safe access and egress to the site for labour, plant and vehicles is paramount. Jennings of Pudsey are aware of the constraints of the site and will install a logistics regime to cope with them in a manner that ensures that the effects on neighbouring roads and the general public is minimal and that their safety remains paramount.

All site transport will gain access to the site using the following route:

- Via Acre street
- Route to be road swept regularly , inspected and documented prior to work commencing

The traffic management plan is to be constructed by IHP and adhered to by Jennings of Pudsey Ltd although it is noted all vehicle movements shall be escorted by vehicle marshals on around and off the site

Site working hours.

Site working hours – Mon – Fri 07:00-18:00

5. SITE BOUNDRY

The site boundary hoarding is to be supplied and erected by IHP .This fencing will come under the category of temporary works. As part of our role as a sub-contractor it is our responsibility to make sure the fencing is of sound condition.

A further heras fence line shall be erected with in the site this is known as a demolition zone this is to stop unauthorised site personnel coming within a unsafe distance of heavy plant and demolition activities

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6. WELFARE FACILITIES

Welfare facilities are to be supplied and maintained by IHP and will be positioned on site as per IHP Site set up plan, away from the demolition works.

Facilities should exceed the requirements of the Construction (Design and Management) Regulations 2015 and incorporate the smoke-free (Premises and Enforcement) Regulations 2006.

The site welfare should consist of the following, Including provision of female facilities.

Suitable numbers of sanitary conveniences, which reflect the number of people working on the site and which are adequately ventilated and lit.

Washing facilities, which provide basins large enough to allow people to wash their faces hands and forearms and a supply of clean hot and cold, or warm, water.

Rooms containing washing facilities will be adequately ventilated and lit.

Storing and changing clothing.

A suitable supply of drinking water, drinking vessels within a canteen area also consisting of seating, fridge, microwave and kettle.

Any problems with the welfare must be informed to the site manager as soon as possible

OUTLINE METHODOLOGY

Identifying and capping off drains located with the demolition zones

- Operatives to review drainage drawings to identify the drain inlets servicing the buildings
- Operatives to bung the outlet of the drains at the building with geotex then cement over to cap the drains to ensure no debris enter the system during demolition work

Asbestos

- The R and D survey shall be reviewed by supervisors and operatives to ensure it is identified should works come across any.

Soft strip of doctors accommodation

- *Doors, Door Frames & Skirting:*

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

- *Partition Walls on the ground floor level:*

Any stud partitioning is to be removed by the operatives using suitable hand held tools, namely pinch bars, picks and hammers. The wall structure is to be dismantled

by removing the coverings using the hammers and pinch bars. Once exposed, the remaining stud work is to be prized free and de-nailed or have nails hammered over. Resultant arising's are to be transported to the loading area

- *Glass units\Windows:*

Any glass units and/or windows will be removed as complete units where possible, an exclusion zone/crash decks will be employed as required and operatives will wear hard hats, safety boots, gloves and goggles. The glass will be handled with care and placed into skips to be disposed of in a safe manner .

Demolition and clearance of doctors accommodation

- 25 tonne demolition excavator with grab attachment to load all soft strip material into 40yd skips prior to demolition commencing
- 25 tonne excavator to remove the timber roof structure and coverings using a grab attachment , loading the timber arising's into 40yd skips leaving the coverings on the floor to be loaded off site with the brick hardcore
- Building walls then to be demolished from the top down in a type writer fashion by the excavator
- All brick to then be loaded into 32 tonne tipper wagons to be taken to a local recycling facility , no traffic movements shall be on site without a vehicle marshal
- Foundations and hard standings to then be grubbed up using a bucket attachment and loaded onto tipper wagons using the above method
- Site to be levelled and left clean and safe in preparation for handover

Recycling

- All transfer notes to be retained on site by Jennings and a copy produced to IHP

ENVIROMENTAL CONSIDERATIONS

Noise will be minimised by the use of modern, silenced plant, Noise monitoring equipment to be utilised in sensitive areas as required and Operatives, contractors and visitors are to wear hearing protection in any hearing protection zones that have been established (theses will be identified by the relevant signage).

Dust will be minimised by the use of water spray (as required) All reasonable measures will be taken by during construction works to prevent dirt being deposited on the site access road and the main road. Such measures will include, but are not limited to:

- Good housekeeping on site
- Effective traffic management
- Road sweepers to carryout regular visits throughout the works

Control of Vibration will be helped with the use of the most modern low vibration plant available in the industry for the task will be used to reduce the level of noise emissions from machinery as far as reasonably practicable.

Smoking on site will be in a designated area. Operatives and visitors will be informed of the area in the site induction.

7. FIRE PLAN

A Fire and Emergency plan and Risk Assessment must be in place before works commence and inducted to all employees and visitors. This is to be created and implemented by the principal contractor (IHP) In addition we must also adopt the following procedures.

- ☐ Fire extinguishers suitable for the possible types of fire to be available on site.
- ☐ A permit to work system to be in place to cover any hot works.
- ☐ Hot works to cease a minimum of 1 hour before end of shift for fire watch to take place.

8. FIRST AID

First Aid must be in accordance with the requirements of the Health and Safety (First-Aid) Regulations 1981 and must be available prior to works starting on site. This should include:

- Adequate amount of first aiders onsite.
- Fully stocked first aid box.
- Eye wash station.
- First aiders training certificates up to date.
- An Accident report book (will be located in the site office).

The First Aider will have relevant signage on their hi-vis clothing. Signage must be posted around the site of works indicating Site First Aiders and Location of First Aid boxes.

9. RISKS AND CONTROLS

Risk is assessed in accordance with the HSE's Guidance Note INDG16 "Five Steps to Risk Assessment" as:

- Look for the hazards
- Decide who might be harmed and how
- Evaluate the risks and decide what control measures are required
- Record the findings
- Review the assessment and revise it if necessary

For a contract such as this, we separately assess health and safety, COSHH and the Environment.

A full and thorough risk assessment will be carried out prior to any works commencing.

The following risks and control measures for the works will be;

- Fire

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- Gas bottles to be chained to a proprietary trolley and placed in a cage after use. Location of gas storage cage to be marked on the site plan and the plan located where the fire brigade can see it in the event of a site fire.
- Fire Point is to be set up adjacent to the bottle storage area.
- Any hot works to be carried out under a IHP Hot Works Permit.
- Interface with the public: access and egress to be controlled by full time nominated Traffic Marshals.
- All work to be controlled by competent Demolition Managers/Supervisors
- All plant operatives to be competent and trained and will hold CPCS/CITB certification.
- Qualifications to be checked by Jennings of Pudsey prior to works and copies will be held in the site file for reference.
- All operatives to be competent trained and CSCS/CCDO accredited.
- All operatives to use appropriate personal protective equipment.
- Exclusion zones with appropriate signage will be erected where necessary.
- Dust will be suppressed by fine water spray as necessary
- Pedestrian routing to be established and maintained in accordance with Site Establishment Plan.
- Dedicated Gatemen to control vehicular access/egress to and from site.
- Dedicated appointed banksmen to control all plant movements within site confines.
- The site specific assessments will be located within the site managers file and are made site specific by the site supervisor for the particular work activity being carried out and to the substances to be used on the site. The below list of risk assessments have been identified to be relevant to the works at the Huddersfield infirmary site.

Following further assessment more could be added during the duration of the project

I confirm I have been given information and understanding the following:

- The method statement and risk assessment relevant to this project

NAME	COMPANY	DATE	SIGNED

Height Regulations 2005 require that equipment which is exposed to conditions causing deterioration which is liable to result in dangerous situations should be inspected at suitable intervals and each time exceptional circumstances which might jeopardise safety have occurred.

Scope of the inspection regime Lanyards should be subject to:

- Pre-use checks.
- Detailed inspections
- (and as appropriate) interim inspections.

These should be carried out by competent persons, to identify defects or damage that may affect safety.

Pre-use checks

These checks are essential and will be carried out each time, before the harness and lanyard are used.

Pre-use checks will be tactile and visual. The whole lanyard will be subject to the check, by passing it slowly through the hands (e.g. to detect small cuts\ web damages, softening or hardening of fibres, ingress of contaminants). A visual check will be undertaken in good light and will normally take a few minutes.

Detailed inspections

These more formal, in-depth inspections and will be carried out periodically at minimum intervals specified in the inspection regime, which will be every 3 months. Detailed inspections will be recorded on to a register and the records will be kept in the site manager's office. These inspections are to be carried out by an impartial person who can make objective decisions, and has appropriate and genuine authority to discard defective lanyards.

This does not mean that competent persons must necessarily be employed from an external company.

The following personal protective equipment will be provided as a minimum requirement:

- Hard Hat (BS EN 397)
- Safety Footwear (BS EN 345)
- Gloves (BS EN 420)
- Hi-Vis Clothing (BS EN 471)
- Eye Protection (BS EN 166)

The following personal protective equipment will be issued and will be worn when deemed necessary by the site manager:

- FFP3 facemasks
- Full Body Harness (BS EN 361)
- Ear Defenders (BS EN 352-1/2)
- Leather Gauntlets (PR EN 12477)
- Wet Weather Clothing (BS EN 343)
- Flame Retardant Coveralls (BS EN 470-1)
- Additional Eye Protection (PR EN 175)

Appendix B LOGISTICS INFORMATION

Management of vehicles on site will be in accordance with HSG144 and INDG199, observing that all site plant/vehicles are banked by a trained banksman and signs indicating vehicle routes are posted on site. All drivers will be issued with a copy of the traffic route plan prior to coming to site and will receive a traffic management induction at site.