Appendix I – Demolition Method Statement (Dick Collins Hall site)





Wilcox Close Aylesham Industrial Estate Aylesham Canterbury Kent CT3 3EP

NOTICE OF INTENDED DEMOLITION THE BUILDING ACT 1984 – SECTION 80

Tel 01304 840126 Fax 01304 728351

Council ref.

1

1

Notice is hereby given of intention to demolish buildings (or part of a building) situated at: -

Dick Collins Hall, Redhill Street, Camden, London, NW1 4DJ

Proposed date of commencement and duration in weeks

Date: April 2017

Duration: 5 – 6 weeks

Name and address of building owner

London Borough of Camden 5 Pancras Road, Kings Cross, London, N1C 4AG Tel. no. 020 7974 4444

Name and address of agent (if applicable)

Tel. no.

Name and address of demolition contractor

Goody Demolition Ltd, Wilcox Close, Aylesham Industrial Estate, Aylesham, Canterbury, Kent, CT3 3EP

Tel. no. 01304 840126

Name and address adjoining owners

Supporting information is required in connection with the following, demonstrating how boundary and party wall issues under Section 82(1) (a-c) are to be addressed prior to, during and after the demolition.

Redhill Place, Redhill Street, London, NW1 4BG Rothay, Albany Street, London, NW1 4DH Ascot House, Redhill Street, London, NW1 4DB Windsor House, Cumberland Market, Redhill Street, London, NW1 4DE

Site Plan

Provide drawings at not less than 1:500 scale showing site plan, ownerships, boundary treatment, service disconnections, drainage to be sealed, disconnected or removed and extent of the buildings to be demolished.

Please find map attached

Services disconnections and notifications

Confirm notification given and arrangements for disconnection in place

Electricity	Gas N/A	
Water	Telecommunications	
Fire Authority	Other	

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Indiffe	Galy veriller	FUSILIOIT Managi	ng Director				
	L	5.					
Signed	V	Date	01/03/2017				
Goody Demolition Ltd, Wilcox Close, Aylesham Industrial Estate, Aylesham, Canterbury, Kent, CT3 3EP Tel. no. 01304 840126							

In accordance with the requirements of Section (2), no person shall commence demolition unless:

- a that person has given the Council notice of his intention to do so, and
- b either : the Council have given a notice to the person under Section 81, or The relevant period (as defined in Section 81) has expired.

'The relevant period' is six weeks from the submission of this Notice or such longer period as the person who gave this Notice may in writing allow.









Ovenden House, Wilcox Close, Aylesham Industrial Estate, Aylesham, Kent, CT3 3EP **Website:** www.goodydemolition.co.uk **Phone:** 01304 840126 **Fax:** 01304 728351

METHOD STATEMENT

Dick Collins Hall, Redhill Street, Camden, London, NW1 4DJ



















1. Introduction

Within this Method Statement Goody Demolition Limited will illustrate how the designated structure will be demolished. Goody Demolition Limited will carry out the demolition works where the safety and welfare of all site personnel, general public and neighbouring occupants is paramount. Every effort will be made to ensure any disruption is minimised on and around the site. All demolition work will be carried out in accordance with relevant Codes of Practice and H.S.E. guidelines. The methods described herein are seen as the most appropriate for the works and are based on information available at the time of preparation. In the event of further information becoming available, changes in conditions, requirements or time scale, this document may need to be amended or developed with the agreement of the Client.

CLIENT	Lovell Partnership
SITE	Dick Collins Hall, Redhill Street, Camden, London, NW1 4DJ
COMMENCE EXPECTED DURATION	8 th March 2017 5 – 6 weeks
DATE OF ASSESSMENT	01/03/2017

DATE OF ASSESSMENT NAME OF ASSESSOR 01/03/2017 Calum Hay

SIGNATURE OF ASSESSOR

POSITION

Assistant Operations Manager

APPROVED BY

Gary Venner & Spencer Nichol

Prior to any works commencing on site the Client will have:

- Made arrangements for a temporary water supply for on site.
- Made arrangements for the termination or diversion of Services (Apart from water) (if required allow 12 weeks for disconnections – 6 weeks meters removal & 6 weeks termination).
- Given notification to the neighbouring properties
- Given notification to the local Fire Brigade.
- Notified a Goody Demolition Supervisor if there is a Permit System in place on the site (hot works etc) and if there are any out of bound areas.
- Checked the perimeter and placed warning signs up.
- Clearly marked the position of all Services. The client will supply a drawing showing the position of all Services live/dead.
- Erected fencing / hoarding to the designated areas, including erecting heras fencing panels around the live switch room structure to prevent inadvertent access and damage / injury. Hoarding line to be erected along public footpath by Lovell Partnership prior to Goody Demolition commencing works.

Prior to any works commencing on site Goody Demolition will have:

- Applied for the Section 81 Authorisation and provided a copy to all contractors / trades involved.
- Provided Heras / Fencing to create exclusion / drop zones etc. (If required)
- Produced the Method Statement and Risk Assessments for the demolition work stages of the project.
- The client's permissions, licences, permits. Consents must be signed and in place prior to the commencement of works.
- All relevant documents raised and prominently displayed. Documents include: Pre-Tender Health and Safety Plan, HSE F10 for Demolition, Drawings, Liability Insurance, Risk Assessments, COSHH Assessments, The Health and Safety at Work poster (June 2000), Booking in and out register and emergency telephone numbers.

What this plan will cover:

This plan will be used to outline the general principles to be adopted during and throughout the works, to minimise the impact of hazardous material removal and demolition of the surrounding areas. The following areas of management will be covered within this plan:

- Legislative requirements
- Operating hours
- Public & property protection
- Noise
- Dust Management
- Odour Control
- Storage of dangerous goods
- Storm water runoff / Water quality
- Waste Management & Recycling
- Management of hazardous materials
- Traffic & pedestrian management
- Service disconnections

Operating Hours

 Monday to Friday:
 08:00am – 18:00pm

 Saturdays (If Required):
 08:00am – 13:00pm

No work will occur outside of the hours nominated unless approval has been given by the authorities. Deliveries of heavy machinery may be required out of the proposed hours of operation.

Protection of Public and Property

All works will be undertaken in accordance with the public protection measures as required in British Standard BS 6187:2000: Code of Practice for Demolition.

- Site is to be protected and closed off using Heras Palisade Fencing (HSG-151 compliant).

These public and property protection measures will be reviewed at the time of contract being awarded for the works, to ensure alignment with proposed preferred methodologies and sequencing developments and to ensure that the safety of the general public and neighbouring properties is maintained at all times.

Traffic Management

Entry / Exit to Site

The contractor will maintain safe and unobstructed access to adjacent properties to minimise any delays created by the works.

- The entrance to the site is located on Redhill Street.
- Plant access and egress is to be via Redhill Street.

2. Scope of Works

Goody Demolition will safely carry out the contracted works using the following methods (please go to section 7 Methodology for a more detailed method)

- Asbestos removal is to be carried out on site prior to demolition works commencing by a competent Subcontractor.
- Hoarding lines are to be set up along the public footpath by Lovell Partnership to protect the public during the demolition works.
- Set up exclusion zones, barriers and signage.
- Skips and Site welfare are to be set up within close proximity to the works.
- Carry out internal soft strip to the designated structures.
- Demolish designated structures using 360 excavator and attachments.]#
- Reduce the ramp wall to in level with the ramp to act as a retaining wall for the soil below.
 - Last bits of the wall will be reduced by hand.
- Break up slab and foundations.
- Carefully sort materials and place into skips for recycling.
- Clean site of all debris and complete hand over information.

3. Hazards Identified

We have carefully carried out an extensive survey of any hazardous issues which could cause harm to anyone within the areas of works.

General safety	See risk assessment no 000
Dust from the soft strip process	See risk assessment no 002
Noise	See risk assessment no 003
Soft strip	See risk assessment no 005 & 006
Materials falling from height	See risk assessment no 007, 019a & 033
Demolition close to buildings	See risk assessment no 008
Fires	See risk assessment no 011
Use of 360 Demolition Excavator	See risk assessment no 012
Hard Demolition	See risk assessment no 014
Site security	See risk assessment no 016
Services	See risk assessment no 017
Power Tools	See risk assessment no 018
Work at Height	See risk assessment no 019 & 019a
Site traffic	See risk assessment no 020 & 043
General risk of demolition operatives	See risk assessment no 033
Manual handling	See risk assessment no 034
Working near public	See risk assessment no 038
Refuelling on site	See risk assessment no 048
RPE	See risk assessment no 062
Safe Use of Quick-Hitches	See risk assessment no 064

We have covered these within our risk assessments which should be attached at the end of the Method Statement.

4. Environmental Information

Our site supervisor will carry out a weekly check of the environmental issues on the site via our environmental site weekly inspection report which a copy will be kept on site.

Noise & Dust will be our major concern, start and finish times will have to be regulated to cater for any surrounding public. Noise from machinery will also have to be kept to a minimum.

Dust – provisions will be in place by using a dust suppression unit, operators will been tasked with dampening down the areas of demolition by the use of hose pipes/fire hose pipe and a adjustable spray nozzle to control flow.

Site working hours: - 08:00 – 18:00 Weekdays.

Machine work not to commence before 08:00 due to neighbouring properties and subject to Restricted Times – to avoid contact / busy times.

Storage of Fuel / Possible Contamination

Goody Demolition Ltd will ensure that the fuel requirements for the plant will be placed in a designated refuelling area, the storage unit will be bunded and have a trigger nozzle to minimise the possibility of spillages, the appropriated spillage kits and a drip tray will be in place. If for any reason contamination of the ground/soil is caused we will immediately contact the client's agent, the post authority and the environmental agency to find an action which can be taken to relieve the immediate danger.

Parking of Contractors Vehicles

Parking of Goody Demolition Ltd & any other sub-contractors vehicles will be within the contract area away from the demolition works within an agreed designated area.

ROAD CONDITIONS

Delivery Restrictions

Articulated vehicles will be avoided where possible as there is insufficient room to manoeuvre this type of vehicle in and out of the site and also to reduce damage to the road surface as this road is in constant use.

Deliveries will be timed to minimise risk to users and lessen any inconvenience that might be caused.

All delivery drivers must sign in with our gate man.

Speed limit for deliveries on the access road will be 5mph.

Reversing and Slewing

Reversing will be avoided wherever possible. Access to the site will be controlled at all times and vehicles will be under the control of a competent person at all times. The driver will not be permitted to leave the vehicle unless adequate PPE is worn. Slewing of machines will only be permitted if the sub-contractor providing the machine also provides a full time banksman in attendance.

THERE WILL BE NO REVERSING ONTO THE PUBLIC HIGHWAY

'Hi-vis' Clothing

All individuals are to wear 'hi-vis' clothing, safety footwear, gloves and hard hat at all times, in accordance with the Lovell Partnership Site Rules.

SAFE USE OF VEHICLES ON SITE

Selection of Suitable Plant

Subcontractors will select suitable plant for the task in hand in accordance with the site conditions and ensure that it is in serviceable condition and regularly inspected.

Maintaining Critical Controls and Warning Devices

A daily plant inspection will be carried out and recorded on the 'Daily Plant Inspection Checklist' by the machine operator and copies must be made available to the Lovell Partnership Project Manager or Site Manager who will spot check weekly that this procedure is being followed.

Any vehicles not meeting the standards required will need to be immediately immobilised.

A weekly review to ensure that the Traffic Management Plan is up to date and is being complied with will be carried out by the Project Manager or Site Manager and these reviews will be recorded on the Weekly Traffic Plan Review Form.

Rollover Protection and Seatbelts are both mandatory at all times.

Consideration will be given to avoiding reversing wherever possible and ensuring that vehicles and pedestrians are separated at all times whether by means of physical barrier or control by a banks man.

Visibility and security of plant.

Flashing Warning lights must be switched on whenever the plant is in use and plant and vehicles must only be used on suitable ground and in adequate lighting conditions.

All plant and vehicles will have additional mirrors if necessary to ensure that 360-degree visibility is possible from the driver's seat. When not in use, plant or other vehicles must be secured and keys removed to prevent unauthorised use.

Emergency procedures

In the event of an emergency involving plant or vehicles, the operator or driver will need to make a member of the Lovell Partnership site management team aware as soon as possible.

In the event of an accident, an operator may need to call emergency services directly themselves by phoning 999 if it is felt appropriate; for instance to prevent any delay to professional medical assistance, but he or she must then also make a member of the Lovell Partnership management team aware as soon as possible thereafter.

VIBRATION & NOISE LEVELS

The contractor undertaking the Works will be expected to obtain licenses and approvals relating to noise in accordance with Section 61 of the Control of Pollution Act 1974.

Normal working hours are 08:00am to 18:00pm Monday to Friday however no noisy works will commence until 08:00am. No works shall be conducted outside of normal working hours unless the consent of the authorities have been given.

- Due to the nature of the works the plant we use will utilise noisy attachments & machinery.
- Goody Demolition will adopt measures to ensure that the hearing of our operatives, neighbouring properties occupants, pupils and the general public are taken in to consideration
- Will ensure that the operatives will use the appropriate personal protection equipment.
- On commencement of the demolition works we will carry out assessments and monitoring on the noise, vibration and dust be produced these will periodically carried out as the site proceeds if deemed necessary by an external monitor.
- We will carry out monitoring if deemed necessary as 'Advice on Vibration Building Damage to BS7385' demolition will occur adjacent buildings which might suffer structural damage as a consequence of our works, although this is unlikely to occur. If we believe that this may happen we will adhere to careful monitoring regimes which can show that vibration levels are within tolerance ranges and can alert the contractor when building damage criteria is likely to be exceeded.
- Our site supervisor will carry out daily and weekly environmental assessments and audits which will be assessed on a regular basis by our SHE auditor and on completion of the contract copies will be given to client.
- The slab and foundation will be removed by use of breaker attachments and vibration will be assessed whilst these works proceed.
- If deemed necessary we will deploy noise dampening barrier in conjunction with the existing provisions to lower the noise transferred from the site.

POLLUTION CONTROLS

- No vehicles or plant will be left idling unnecessarily.
- All vehicles and plant will be well maintained as maintenance schedule and will have daily checks completed to ensure that they are good working order.
- Should any emissions of dark smoke occur (except during start up) then the relevant machinery should be stopped immediately and any problem rectified before being used.
- Engines and exhaust systems should be regularly serviced according to manufacturer's recommendations and maintained to meet statutory limits/opacity tests.
- All vehicles will have the necessary MOT certificates if applicable.
- Vehicle exhausts should be directed away from the ground and positioned so they are not directed at site entrances.
- All plant will be located away from the boundaries close to residential areas.
- No fires will be allowed on site.

DUST CONTROLS

The generation of dust may require the Contractor to undertake assessments in respect of The Control of Substances Hazardous to Health Regulations 2002. In such circumstances the Contractor will be expected to comply with the exposure limits of the most recent HSE Document "EH40".

The Contractor undertaking the works will be expected to make provision for the reasonable prevention of dust generation. Provision for appropriate means of removing dust, such as water hoses should be made. Public roadways and footpaths shall be kept clear of mud and debris.

- We understand that the site is situated near a residential area which could greatly affected by dust contamination and Goody
 Demolition Ltd realises the implications and therefore the following precautions will be in place to negate the possibility of dust
 release.
- Dust controls will be in place by using a regulated fine water spray, the quantity of water will be controlled to prevent any
 flooding dust is a major concern for the client on this site and it is our intention to ensure that all structures will be accessed
 by the supervisor prior to demolition to ensure all measures are in place. Demolition of the building should have minimal dust
 release whilst the demolition proceeds, but an operator will be attendance to operate a controlled flow of water on the area of
 operations to suppress the release of dust into the atmosphere.
- We will utilise the existing provisions on site to obtain water for the dust control.
- Wind speed and weather conditions will also be taken into account, we will determine the prevailing wind direction across the site using data from a nearby weather station to ensure that the controls are adequate.

RECYCLING

- Goody Demolition Ltd believes in recycling of all possible materials where possible and will endeavour to carry this out on all
 our demolition projects, this will carried out in a number of ways and this particular section will show the process we will adopt
 in order to achieve our objectives.
- Prior to commencement of works our management team will conduct a survey of the material on site and produce an estimated quantity of material to recycle / process.
- Unprocessed material i.e. concrete, tarmac, aggregates, bricks and blocks will be separated into piles to either reused on site or take to another site for reuse (the recipient site must ensure that they have an Environmental Agency "Notice of an exempt activity" to use this material as under Waste Management Regulations).
- Plasterboard This will be segregated from the other materials, deposited into a designated Gypsum Recycling skip and once filled removed from site to a licensed recycling centre.
- Timber segregate from the other materials, deposited into a designated Timber Recycling skip and once filled removed from site to a licensed recycling centre which they will process material to be used as chipboard, fire brackets or compost.
- Metals will be segregated and sent away to scrap merchants for recycling.
- All our operatives have attended and obtained NVQ in Waste Management and are fully qualified to carry out these tasks.

ODOUR CONTROL

In terms of demolition activity for the Site any odour problems related to our works will be at a minimal regardless. All plant and machinery is regularly serviced and checked for exhaust emissions.

Storm water gulley pits will preferably be hand cleaned with shovels and collected debris bagged to minimise odour, and disposed of prior to any pipes being cleaned.

STORAGE OF DANGEROUS GOODS

It is likely that the works will involve the use of flammable fuels such as petrol, diesel, Oxy-acetylene, oils etc. Storage of such materials will be in a lockable compound with sufficient ventilation in accordance with the relevant codes of practice and Standards. COSHH Safety Data Sheets are to be provided on all hazardous or potentially harmful materials by the appointed contractor as part of the Health & Safety Plan.

5. Plant and Equipment

All plant and equipment will be examined for safety and any found to be defective will be repaired or replaced before work commences.

- Site Welfare.
- Hoarding / Heras Fencing.
- 360 Excavator and attachments.
- Hand tools.
- Skips/lorries.

The following will be carried out on a daily basis:-

- All areas will be inspected for any equipment or materials that may have been left behind that could cause a hazard.
- Permits will be signed off after each shift.
- All plant used will have a valid LOLER certificate and all power tools will have a valid PAT certificate.
- All skips removed from the site will be recorded by the site supervisor.

6. Personnel Involved

• All personnel on this site will attend a site induction carried out by Client prior to commencement of works.

CCDO Demolition Supervisor & CCDO Demolition Operatives (Operatives)

- All site operatives will hold a C.S.C.S. equivalent Health and Safety certificate.
- Plant operatives will also hold the correct certification to operate any machinery that is on site.
- Goody Demolition also operate a strict training regime which involves operatives having the correct tickets, or in training for, banks man, abrasive wheels, burning, first aid, HAV etc. The Supervisor holds a full First Aid at Work qualification and 2nd in command holds Emergency First Aid at Work both these will be present on site.
- All training certificates are held at the offices of Goody demolition.
- The copies of these tickets will be in the possession of the client's representative on site and are held until the demolition works are complete.

7. Method of Works

Site inspections with Main Clients Representative to ensure all Services are terminated. Check for any unforeseen hazards and treat any found in the appropriate way.

On Site induction and demolition briefing carried out by Goody Supervisor.

If Heras fencing is not already in place, erect around the perimeter of the site and place demolition 'Keep Out' signs on fencing. Please note that this site has hoarding already in place and we will use the existing perimeter fencing already in place.

Ceilings	Removal of any suspended ceiling tiles, Plasterboard finishes, suspension systems, safety signage and light fittings. Demolition operatives will use podium/scaffold step ups to gain access to the ceilings. The ceilings will be taken down carefully with all debris being placed into skips situated near the works.
Wall Removal	Removal of non-load bearing walls, Plasterboard and partitions, cills, light fittings, and fixed shelving. The walls will be removed at a constant height around the structure by operatives using hand held tools working off step up scaffolds. All materials will be periodically removed from the working area using wheelbarrows through designated traffic routes, then sorted into type and placed within the correct skip for recycling. All brickwork / blockwork is to be recycled. Plasterboard must be separated from the partition studwork and take to a separate skip for recycling and timber to another.
Floors	Removal of all floor coverings including carpets, lino and timber effect flooring. Demolition operatives using mattocks & tile lifters will lift all floor coverings placing all debris directly into 20/40 yard skips.
Windows	We will carry out the removal of windows in the mechanical demolition operations.
Wet Rooms	Stripping out and removal of all fixtures and fittings including removal of units, sinks, toilets, baths / showers, cubicles and associated plumbing. Note: All services must be isolated and empty of contents prior to proceeding.
Electrical & Mechanical	Removal of all surface mounted electrical systems, mechanical services and pipe works. Note: Operatives will have the correct isolation paperwork in place before carrying out the removal of any services / systems.

Note: Lovell Partnership are going to erected a hoarding line around the structure on the pathways to ensure the public are safe and excluded from the working area whilst works are carried out.

Demolition of 7 Mill Rd



- Prior to demolition works commencing on site, all identified asbestos is to be removed by a competent asbestos removal company and then they will provide the appropriate paperwork once the task has been carried out.
- The area in which they are working will be designated as a drop-zone exclusion zone.
- The drop zone will be the area that the demolition debris is transferred from working height to ground level prior to loading away into skips.
- The exclusion zones will be clearly marked to prevent inadvertent access.
- The demolition Supervisor and banksman will control the access points.
- At no point will the structure be left unsafe whilst unattended.
- Goody Demolition will check that the client has issued the services disconnection paperwork prior to commencement.
- The machine will work into the structure from the one end to the other in a methodical manner.
- The supervisor will assess the demolition and will place a banksman at a designated point to ensure the safety of others when deemed necessary.
- The excavator will begin by carefully removing sections of the roof. Each section will be carefully removed from the structure and then lowered to ground level. The excavator will carefully work into the structure working from the top towards the bottom of the structure (ground level) in a safe and methodical manner. Debris from this process are to be sorted into type and stockpiled for recycling / crushing. As more of the roof structure is exposed during the demolition process, the excavator will also begin to reduce the walls of the structure. The excavator operator will be careful and utilize his training to ensure that the stability of the structure is not compromised. The operator will then repeat this step in a safe and methodical manner until the remainder of the structure has been successfully demolished.
- The excavator will continue to reduce the structure, reducing the walls and brickwork at a consistent height gradually working toward the ground. Periodic breaks will be taken during the demolition process to allow for the area to be cleared and to allow for all debris to be sorted into type and stockpiled for recycling. **Note:** The wall attached to the ramp of the building is to be reduced down to the top of the ramp to act as a retaining wall for the soil below (see image below). The excavator will leave a few layers of the brickwork to the wall, which will then be reduced by hand by the operatives to ensure the correct amount is removed and the integrity of the retaining wall isn't compromised. All debris from this process will again be sorted into type and stockpiled for recycling.
- This will then be repeated in a safe and methodical manner until the remainder of the structure has been safe and successfully demolished.
- Once the structure has been successfully demolished and all materials / debris have been cleared, the excavator will then prepare to break up the designated slab and foundations.
- The excavator will utilize its breaker attachment to break out the slab and foundations, see section below.
- Once all above steps have been completed, the area will be cleared and left safe and tidy for the client's inspection.



Breaking up of Slab & Foundations

- On completion of the demolition works a 360 degree demolition machine will use a breaker attachment to remove the remaining slabs and foundations.
- A certificate of termination should be available, but if not we will carry out a CAT scan of the site to identify the location
 of the services which will be marked out by spraying the slab with hi-viz spray. Breaking out the slab, foundations and
 car park will not be carried out until confirmation of the termination of services has been acquired.
- Once we have received confirmation of termination these remaining slabs will be broken up.
- These will be broken up and removed to a stock piled area ready to be recycled off site.
- Once these tasks have been carried out, the area will be cleared and left safe and tidy for the client's inspection

Waste Control and Recycling

All waste carriers licenses, delivery, collection, consignment notes, weighbridge tickets must be signed for and a copy sent to the site manager (when received).

- The Hazardous Waste (England and Wales) Regulations 2005
- The Lists of Wastes (England) Regulations 2005
- The Site Waste Management Plans Regulations 2005

The Contractor undertaking the works will be expected to allow for the appropriate disposal of all waste generated by the demolition process. The Contractor will also be expected to segregate all wastes into inert, non-inert, hazardous and non-hazardous to maximise reuse and recycling, whilst minimising contamination, exposure and disposal.

Site Guidance - Waste **Transfer Notes**

A waste transfer note (WTN) is a document which must be completed for each load of waste that leaves your site. The WTN must contain enough information about the waste to enable anyone coming into contact with it to handle it safely and either dispose of it or allow it to be recovered within the law.



different waste being transferred on the WTN, both in words and using the correct waste code number. Ensure that the description of the waste is accurate.

See below for typical construction site European Waste Codes.

A copy must be kept on site.

If the material you are handling has hazardous properties, it may need to be dealt with as Hazardous Waste. Refer to your Site Manager.

Typical European Waste Codes (EWC) for activities include:

EWC Code	Description	EWC Code	Description
17 01 01	Concrete	20 03 04	Septic tank sludge
17 01 02	Bricks	08 01 11*	Waste paint and varnish containing organic solvents or other DS
17 01 03	Tiles and ceramics	08 04 09*	Waste adhesives and sealants containing organic solvents or other DS
17 01 06*	Mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing dangerous substances (DS)	17 06 05*	Construction materials containing Asbestos
17 01 07	Mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06*	17 09 04	Mixed construction and demolition wastes
17 02 01	Wood	20 03 01	Mixed Municipal Waste
17 02 02	Glass	13 07 01*	Fuel oil and diesel
17 02 03	Plastic	13 07 02*	Petrol
17 03 01*	Bituminous mixtures containing coal tar	15 01 01	Paper and cardboard packaging
17 03 03*	Coal tar and tar products	15 01 02	Plastic packaging
17 04 07	Mixed metals	15 01 03	Wooden packaging
17 05 03*	Soil and stones contaminated with DS	15 01 06	Mixed packaging
17 05 04	Soil and stones other than those mentioned in 17 05 03*	16 06 01*	Lead batteries
17 08 02	Plasterboard	20 03 01	Canteen waste

Wastes marked with an asterisk* represent hazardous wastes that must be accompanied by a consignment note. They need to be dealt with in accordance with SM-WI-30-09.

8. Briefing Arrangements

All site operatives will attend an induction course prior to commencing work on site.

Part of the induction process will to ensure that the operatives are aware of the Method Statement with the associated Risk and COSHH Assessments of the task, location of hazardous materials and out of area zones etc.

All instructions will be approved by the supervisor involved with the works and experienced in the processes involved. The supervisor will carry out daily Tool Box Talks, which will be recorded.

Copies of the Company Health & Safety Policy along with working arrangements are issued to all employees on appointment. A Master set of H&S documents are held by each gang foreman as a site file.

Each contract is subject to a detailed method statement and risk assessment process as indicated earlier. This information is handed to the site personnel during the site induction / briefing process.

In addition, each employee is issued with a set of Employee Rules. The content and application of these Rules are explained at the time of issue. These Rules form the basis of safe working practices and include a range of issues such as actions to be taken if asbestos or similar hazardous material is found during the demolition works.

Each employee is encouraged to give feedback on any health and safety issue and managers are required to consider the matters raised and consult with the employee.

Monitoring is partly carried out as part of the routine line management function on any contract. Each site manager / supervisor / foreman has to complete a daily / weekly inspection Form HSDG02 to confirm the safety arrangements on site are satisfactory.

Important Documents

The Method Statement and Risk Assessments, Plan of works, HSE F10 for Demolition, Drawings, Liability Insurance, COSHH Assessments, Booking in and out register and emergency telephone numbers, The 2000 Health and Safety at Work poster will be prominently displayed and duly completed by Goody Demolition Limited.

9. Safety of Contractors Staff

All site personnel will be issued with the following personal protective equipment

Hard Hats	EN 397:2012+A1:2012
Noise Protection (Earmuffs)	EN 352-3:2002
Protection Footwear	EN ISO 13287:2007
Ear Plugs – minimum SNR value of 23	EN352-1; 1993
Gloves	EN 420:2003+A1:2009
Gloves (Alternative types issued for specific tasks, I.e. Anti-Vibration)	EN ISO 10819:1996, Cut Resistant Gloves EN 14328:2005,
Welder Gauntlets	EN 388:2003
Eye Protection	EN 168:2001
Face Filter Masks/Gas cutting RPE	EN 149:2001+A1:2009 (P3)
Dark glasses for grinder or burning	EN 169:2002
High Visibility Clothing	EN 471:2003+A1:2007
Safety Harnesses as required (Certificated).	EN 361:2002
Disposable suits	CE Type 5 & 6 EN 1149-1:2006
Fire resistant overalls for burners	EN ISO 11612:2008
Anti-Static Overalls	EN531, EN470-1
Weather proof coats/jackets/trousers	BSEN471 - 3 2003+A1:2007

All staff will be fully trained for the work they are expected to carry out.

Our health and safety advisor H&K Safety Services will carry out a weekly site safety audit to ensure all aspects of our health and safety policy are being adhered to, copies of these reports will be given to the site supervisor.

Site Welfare

Site secure containers will be on site to store any tools and equipment.

The extent of these facilities will complement the number of site operatives.

Personnel hygiene must be maintained during the works.

It will be impressed on the demolition operatives that the site has a non-smoking policy except in designated areas.

Demolition operatives are certificated in First Aid and carry First Aid equipment and basic welfare facilities (i.e. water, cleaning fluid, wipes etc.) in their vehicles.

Housekeeping

Site welfare facilities will be kept clean and clear of debris or other obstructions at all times to avoid slips, trips and falls.

10. Communication and Liaison

Before commencing any work there will be a meeting with all staff who works upon the site to explain what work we are carrying out and what health & safety they should observe while the works are being carried out. This meeting will be arranged between your manager and our contracts director.

The site supervisor will record any variations or incidents ensuring that all the appropriate parties are informed firstly verbally and then in writing if necessary.

If there are any health and safety issues the work must stop immediately and inform both our contracts director and health and safety advisor to arrange a site visit with the client to rectify the issue.

All other contractual information will be handled by Goody Demolition office and the client's representative on site.

11. Emergency Plans

A suitable means of sounding the alarm will be provided e.g. air horn or other device. All site personnel will evacuate to a designated fire assembly point in an emergency. Goody Demolition will be shown where the fire routes and assembly points through an induction with the client's construction phase and emergency plans. Prior to any demolition commencing On Site Induction will be given by Goody Supervisor. The site will be fully inspected, the sequence of work explained, and a sufficient number of escape routes from the building clearly specified and shown to the crew as shown on fire risk assessment. All Goody personnel on site will be made conversant with these procedures. A mobile phone and first aid kit will be available at all times.

Below are the contact details for the nearest A&E hospital:

University College Hospital, 235 Euston Road, London, NW1 2BU

Telephone: 020 3456 7890



Unplanned Collapse

If an unplanned collapse occurs the following steps will be carried out:

- Stop all works.
- Do a site check to ensure all personnel are safe and accounted for.
- Report any injuries and call emergency services (if required).
- Close off whole area.
- Assess and report potential incident.
- Get structural engineer in (if required).
- Proceed with works if area is deemed safe to work.

Emergency Procedures - Spill Response

- Conduct clean-ups of any fuel spills immediately after discovery.
- Uncontained spills are to be cleaned using dry cleaning methods only. Spills shall be cleaned up with a dry, absorbent material (e.g., kitty litter, sawdust, etc.) and absorbent materials shall be swept up.
- Collected waste is to be disposed of properly.
- Contact the office who will contact the Environmental Agency to inform them of any incidents.

Emergency Procedures – Discovery of Potential Asbestos

Emergency procedures in event of finding or inadvertently disturbing any potential non-notifiable / notifiable asbestos – All operatives will be issued and carry paper overalls cat 5/6 and a type P3 Dust mask.

In this event the following procedure will be followed even if we are not sure what the material is:-

- Stop this work immediately.
- Follow the chart on next page or do a risk assessment to decide who must do the work -you may need a licensed contractor.
- Minimise the spread of contamination to other areas.
- Keep exposures as low as you can.
- Clean up the contamination (Use licensed Asbestos Removal Company phone office Spencer Nichol 01304 840126 or direct Ben Ives 07712 089801)



12. Supporting Information

Our site supervisor has been issued with a HSE guidelines document – Manual Handling a short guide, in order to maintain our high standards of health and safety.

All works will be carried out in a safe and methodical manner.

Goody Demolition will liaise with the Clients staff when and if required.

If the sequence of work changes, the demolition supervisors will liaise with the Client and any Health & Safety Consultants involved with this project.

Supervision

Site Supervisor –	TBC
Company Management –	Mr Gary Venner (Contracts Director)
P.A. –	Mrs S Hills
Office Telephone –	01304-840126
Out of Hours –	07802-433773
Site Mobile –	07703 744858

Health and Safety Consultants

H&K Safety Services Ltd –
SGR Consultancy Services Ltd –
HSE – Health & Safety Executives –

c.c. – Lovell Partnership, Site Supervisor, Operatives and file. Kevan Ford tel: 07795 820364 Steve Rowe tel: 01622 686622 Ashford office tel: 01233 634827



RISK ASSESSMENTS

G2313 – Dick Collins Hall, Redhill Street, Camden, London, NW1 4DJ

	Кеу		Likelihood of Occurrence								
		Highly Unlikely (1)	Unlikely (2)	Possible (3)	Probable (4)	Regular (5)	Continuous (6)				
Severity of Harm	Trivial (1)	2	2	3	4	5	6				
	Minor Under 7 day injury (2)	2	4	6	8	10	12				
	Major Over 7 day Reportable injury (3)	3	6	9	12	15	18				
	Fatality (4)	4	8	12	16	20	24				















This general assessment can be amended to deal with any additional or alternative situation that may apply to a particular site. The contract detail is then to be entered and distribution noted below.							
RISK ASSESSMENT	-	Risk Assessment No. Demo.000			GOODY		
Operation / Task:	All Tasks Core Assessment	Employees at Risk:	Those carrying ou	t the work	DEMOLITION		
Location / Area:	Dick Collins Hall, Redhill Street, Camden, London, NW1 4DJ	Other Persons at Risk:	Those nearby		DEMOEITION		
Assessor		Key Responsible Persons:	Site Supervisor				

Activity	Hazard	Rick	Pre-Control Risk Rating		ol Risk	Control Mozeuros	Post-Control Risk			Comment
Activity	nazaru	ILISK	1*	2*	1x2	Control measures	1*	2*	1x2	Comment
Pedestrian Activity.	Plant & vehicle movements.	Contact by	5	4	20	Personal awareness of operations on site. Use of pedestrian only routes where available/possible. Wearing high viz clothing to EN471. Secure site from general public and other site users. Set up exclusion zones to stop inadvertent access to unauthorised personnel, including all necessary barriers, signage and access.	1	4	4	
All Tasks.	Incompetence	Various	4	4	16	All site personnel to be competent to perform the tasks they are asked to do. Compliance with Site Rules.	1	4	4	
All Tasks.	Noise from operations.	Hearing damage.	3	2	6	 All construction plant and vehicles constructed to national standards and industry norm that includes noise attenuation. Noise levels identified on machine when possible. Noise Risk Assessment carried out for various items of plant and hearing protection identified. 	1	2	2	High level of awareness. Restricted hours of working to minimise environmental concerns.

Assessment Date:	March 17	Review Date:	January 2018	Conjos Issued To:	Client / Principal Contractor			
		11		(For Contract Specific	Site			
Approved for Issue:	Jucer Only	1	(Signature)	Use	Goody Demolition Supervisor			
	Key:- Hazard Rati	ng based on exposure:	1 =Highly Unlikely, 2	=Unlikely, 3 = Possible, 4 = P	= Probable, 5 = Regular, 6 = Continuous			
Key:- Risk Rating based on severity: 1 = Trivial, 2 = Minor (Under"7-day" Injury), 3 = Major Injury (Over "7-day" Reportable Injury), 4 = Fatality								
	Key to Overall Ris	k	Total Score of 2 – 6 L	ow Risk Total Score of	e of 8 – 14 Medium Risk Total Score of 15 – 20 High Risk			

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RISK ASSESSMENT	r	F	Demo.002	GOODY						
Operation / Task:	Work in dusty conditions	Employees at Risk:	DEMOLITION							
Location / Area:	Dick Collins Hall, Redhill Street, Camden, London, NW1 4DJ	Other Persons at Risk:		DEMOEITION						
Assessor		Key Responsible Persons:	Site Supervisor							

Hazard	Risk	Pre-Control Risk Rating		ol Risk	Control Measures	Post-Control Risk Rating		trol Risk na	Comment
Tazara	ruon -	1	2	1x2		1	2	1x2	Common
Inhalation of dust hazard materials e.g. silica, Portland cement, MMMF etc. General dust is a hazard material	Long term damage to the respiratory system	4	3	12	Ensure that dust control measures are in place Carry out site survey for chemicals or specific materials	1	3	3	Provided that the controls are implemented & maintained, the residual risk will be low
Inhalation of unknown materials	Acute irritation with unknown materials	3	3	9	Provide & use respiratory protective equipment as a last resort Ensure that the mask issued to the operative is to the correct standard (normally FFP3) and has been properly face fitted for that operative.	2	3	6	
Contact with the eyes	Long term damage to eyes	4	3	12	Provide & use eye protection	2	3	6	
Contact with the skin	Dermatitis	3	3	9	Ensure welfare facilities are fully stocked, including barrier creams and operators wash after every shift.	1	3	3	

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RISK ASSESSMENT	r		COODY							
Operation / Task:	Work in Noisy Conditions Breaking up of Concrete Slabs / Foundations	Employees at Risk:	DEMOLITION							
Location / Area:	Dick Collins Hall, Redhill Street, Camden, London, NW1 4DJ	Other Persons at Risk:	Other Persons at Risk: Those nearby							
Assessor		Key Responsible Persons:	Site Supervisor							

Hazard	Risk		Pre-Control Risk Rating		Control Measures		st-Cont Rati	trol Risk ng	Comment
		1	2	1x2	1 2 1x2				
Machinery noise	Nuisance to neighbours around the site	3	2	6	All plant fully silenced as far as is practicable	1	2	2	Provided that the controls are implemented & maintained, the residual rick will be low
Use of mounted hydraulic breaker or pulverizers	Long term hearing loss on continued exposure	4	4	16	The assessment if these are require are up to 83dBA	1	4	4	
	Short term hearing damage with impact noise	3	4	12	Hearing protection available where noise is likely to exceed 80dBA Signage must be displayed where the exposure is likely to exceed 80 dBA Hearing protection used where noise is likely to exceed 85dBA	1	4	4	
Ripping up concrete slabs and foundations using buckets or ripper		2	4	8	The assessment for ripping up concrete will produce around 50dBA and will not be considered a danger to health	1	4	4	

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Operation / Task:	Work in Noisy Conditions Breaking up of Concrete Slabs / Foundations	Employees at Risk:	DEMOLITION							
Location / Area:	Dick Collins Hall, Redhill Street, Camden, London, NW1 4DJ	Other Persons at Risk:	Other Persons at Risk: Those nearby							
Assessor		Key Responsible Persons:	Site Supervisor							

Hazard	Risk		Pre-Control Risk Rating		Control Measures		Post-Control Risk Rating		Comment	
		1	2	1x2		1	2	1x2	••••••	
Machinery noise	Nuisance to neighbours around the site	3	2	6	All plant fully silenced as far as is practicable	1	2	2	Provided that the controls are implemented & maintained, the	
Use of mounted hydraulic breaker or pulverizers	Long term hearing loss on continued exposure	4	4	16	The assessment if these are require are up to 83dBA	1	4	4	residual fisk will be low	
	Short term hearing damage with impact noise	Short term hearing damage with 3 4 annable of the second s		12	Hearing protection available where noise is likely to exceed 80dBA Signage must be displayed where the exposure is likely to exceed 80 dBA Hearing protection used where noise is likely to exceed 85dBA	1	4	4		
Ripping up concrete slabs and foundations using buckets or ripper Examples of Noise 360 degree Excavator using breaker 112Db (Peak 125Db) Shear 102Db Stihl Petrol Cut off saw – 109Db Makita 230mm angle grinder – 102Db DeWALT 18V cordless – 101Db Bosch rip-saw – 106Db		2	4	8	The assessment for ripping up concrete will produce around 50dBA and will not be considered a danger to health	1	4	4		
					Hearing protection used where noise is likely to exceed 85dBA SNR 32 Ear Plugs supplied for all noisy works -32Db against tool Db output i.e. Cut off saw 109Db – 32Db = 77Db therefore consider adding Ear Defenders SNR27 then this will be further reduced to 50Db					

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RISK ASSESSMENT	r		COODY							
Operation / Task:	Removal of sanitary fittings, drainage equipment & materials	Employees at Risk:	DEMOLITION							
Location / Area:	Dick Collins Hall, Redhill Street, Camden, London, NW1 4DJ	Other Persons at Risk:		DEMOETTON						
Assessor		Key Responsible Persons:	Site Supervisor							

Hozard	Dick	Pre-Control Risk Rating			Control Measures		st-Con	trol Risk	Comment	
Παζαιυ	nisk.	1	2	1x2	Control measures	1	2	1x2	Comment	
Malodorous fume Exposure to airborne bacteria Skin contact with contaminated materials Infection from cuts or abrasions by contact with contaminated materials	Severe infections by contact or inhalation	3	3	9	Gloves when dealing with any sanitary items Overalls & Dust Masks (disposable) when dealing with any sanitary items Good personal hygiene practice at all times & ensure that HOT WATER & soap are available & used Careful disposal of all contaminated items & clothing Provide disinfectant for boots etc	1	3	3	Provided that the controls are implemented & maintained, the residual risk will be low	

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RISK ASSESSMENT	•		COODY							
Operation / Task:	Internal soft strip	Employees at Risk:	DEMOLITION							
Location / Area:	Dick Collins Hall, Redhill Street, Camden, London, NW1 4DJ	Other Persons at Risk:		DEMOEITION						
Assessor		Key Responsible Persons:	Site Supervisor							

Hazard	Risk		Contr Ratir	ol Risk Ig	Control Measures		t-Con Rati	trol Risk ng	Comment
		1	2	1x2		1	2	1x2	
Dust & glass from partitions, carpets & furnishings	Injury to eyes from dust & glass	3	3	9	Enforce dust control; measures and/or use PPE (Dust masks, goggles, gloves)	1	3	3	Provided that the controls are implemented & maintained, the
	Cuts to hands from glass & metal	3	3	9	Heavy duty leather gloves available and worn (cut level 5)	1	3	3	residuai risk wili de Iow
Man made mineral fibre MMMF from ceilings & partition insulation	Puncture of feet from nails in upturned boards - (Tetanus)	3	3	9	Keep nails downwards AND safety footwear worn	2	3	6	
Metal fumes or dust from fittings & pipework	Lead / zinc / chrome or poisoning by other metals	3	3	9	Use fume extract when flame cutting PERMIT TO WORK	1	3	3	
	Fire from flame cutting	3	3	9	Ensure that fire wardens & fire fighting equipment are close by. Hot Work Permit may be used	1	3	3	
Mercury compounds from strip lighting	Severe poisoning by mercury compounds	3	3	9	Avoid breakage of mercury strip lights & dispose to licensed tip Florescent tubes are to be store separately in coffins and discarded as hazardous waste	1	3	3	
Broken timber & protruding nails	Puncture of hands & feet from nails. Cuts & abrasions	4	2	8	Heavy duty leather gloves available and worn. Keep nails downwards AND safety footwear worn	1	2	2	
Hand held tools	Noise & vibration from hand held tools	4	2	8	Ensure that all tools are correctly maintained Anti-vibration equipment where possible and good PPE as determined	1	2	2	

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RISK ASSESSMENT	r		COODY							
Operation / Task:	High Level Demolition	Employees at Risk:	DEMOLITION							
Location / Area:	Dick Collins Hall, Redhill Street, Camden, London, NW1 4DJ	Other Persons at Risk:		DEMOETTON						
Assessor		Key Responsible Persons:	Site Supervisor							

Hazard Risk		Pre-Control Risk Rating			Control Measures		t-Con Rati	trol Risk ng	Comment
		1	2	1x2		1	2	1x2	
Work at heights	Falls of personnel can lead to serious injury or death	6	4	24	Use correct access equipment e.g. scaffold	1	4	4	Provided that the controls are implemented & maintained, the regidual risk will be low
Personnel falling from edges of work area	Falls of equipment can lead to serious injury or death	6	4	24	Ensure that edge protection is in place	1	4	4	
Equipment falling on to personnel below	Equipment handling falling from height can lead to equipment damage or injuries to personnel	6	4	24	Ensure that safety zones are established around work at high level	1	4	4	
Debris falling from height	Debris falling from height can lead to serious injury	6	3	18	Where necessary provide & use safety harness & nets Ensure that any equipment supplied has been erected and inspected by competent persons prior to use.	1	3	3	

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RISK ASSESSMENT	r	Risk /	Assessment No.	Demo.008	COODY					
Operation / Task:	Demolition in close proximity to other buildings	to other buildings Employees at Risk: Those carrying ou								
Location / Area:	Dick Collins Hall, Redhill Street, Camden, London, NW1 4DJ	Other Persons at Risk:	arby	DEMOETTON						
Assessor		Key Responsible Persons:	Site Supervisors							

Hezerd	Dick		Pre-Control Risk Rating		Control Monouron	Post-Control Risk			Comment	
nazaru	RISK	1	2	1y 1x2	Control measures	1	2	ng 1x2	Comment	
Vibration	Structural damage	4	4	16	All work carried out by hand - compressed air or hand tools as appropriate. If Compressor hoses must have check springs attached either side of union	1	4	4	Note; Any work in close proximity of other buildings will be subject to detailed method statements and risk assessment in addition to this general	
Noise	Nuisance	4	2	8	Liaise with owners on any quite times	1	2	2	assessment.	
Debris	Structural damage or injury to persons	4	3	12	Ensure necessary barriers, fencing and demolition exclusion zones are in place prior to commencement.	1	3	3	Provided that the controls are implemented & maintained, the residual risk will be low	
Under mining foundations	Collapse & entrapment	3	4	12	Make thorough checks for foundations & provide props as necessary as the temporary works procedure denotes.	1	4	4	residual risk will be low	

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RISK ASSESSMENT	-	Risk /	Assessment No.	Demo.011	COODY					
Operation / Task:	Unintentional fire	Employees at Risk:	Those carrying ou	DEMOLITION						
Location / Area:	Dick Collins Hall, Redhill Street, Camden, London, NW1 4DJ	Other Persons at Risk:	Those working ne	arby	DEMOETTON					
Assessor		Key Responsible Persons:	Site Supervisors							

Hazard	Hazard Risk Rating		Control Measures	Post-Control Risk Rating			Comment		
		1	2	1x2		1	2	1x2	
Flame cutting	Serious injuries to personnel	3	3	9	No flame cutting/ burning without HOT WORK PERMIT	1	3	3	Provided that the controls are implemented & maintained, the
Smoking	Serious damage to structures	3	4	12	Smoking only in permitted areas of the site	1	4	4	residual risk will be low
Flammable litter	Emission of toxic fumes from materials on site	3	3	9	Ensure that first aid fire fighting equipment is available around the site	1	3	3	
Flammable materials	Explosion of fuels or gas stores	3	4	12	Ensure that all hot work is stopped at least 30 minutes before site closure Ensure that any hot work is damped down before site closure Carry out site inspection at close of work each day AND RECORD IT	1	4	4	

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Assessment No.	Dem/011								
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RISK ASSESSMENT	r	Risk	Demo.012	COODY						
Operation / Task:	Operation of 360 machine internally	Employees at Risk:	Those carrying ou	DEMOLITION						
Location / Area:	Dick Collins Hall, Redhill Street, Camden, London, NW1 4DJ	Other Persons at Risk:	Those working ne	arby	DEMOETTON					
Assessor		Key Responsible Persons:	Site Supervisors							

			Pre-Control Risk			Pos	st-Con	trol Risk		
Hazard	Risk		Ratin	g	Control Measures		Rati	ng	Comment	
		1	2	1x2		1	2	1x2		
Falls of size reduced materials	Injuries by movement of mechanical plant and falling debris	5	4	20	Provide warning signs & set up exclusion zone FOPS - falling objects protective structure cab of machine to be frame-mounted falling object guard (FOG), bolted side impact protection system, heavy-duty, double-thickness side doors, bucket and boom cylinder guards that shield rods, cylinders and piping.	2	4	8	Provided that the controls are implemented & maintained, the residual risk will be low	
Moving parts of crunching equipment and machine	Amputation or crushing on contact with moving parts of the cruncher; striking of other operatives & the banksman	4	4	16	Ensure that all necessary guards are in place & observed ensure that the operator is fully aware of his surroundings and the vicinity of the banksman; The banksman must also be aware of his own vicinity to the machine and ensure that a safe distance is maintained at all times. Hi-Vis Vest must be worn.	1	4	4		
Projectiles	Injury due to projectiles from the crunching operation	3	3	9	Set up exclusion zone & inspect concrete for possible brittle materials	1	3	3		
Dust / fumes	Inhalation of dust from demolition / fumes from plant	4	2	8	Provide water sprays to limit dust emission, continuous use if necessary. Provide & ensure use of face fitted RPE FFP3 for all personnel. Plant must either be fitted with Diesel Particulate Filter or in an internal area with good ventilation (constant air flow)	1	2	2		
	Eye irritation by dust from handling & crunching of concrete	4	2	8	Provision & use of eye protection	1	2	2		
Noise	Exposure to noise above second exposure level	5	2	10	Provide & ensure the use of adequate hearing protection	1	2	2		
Rupture of hydraulic lines	Spillage of hot oil and subsequent skin burns	3	3	9	Good maintenance of machines Provide & ensure use of PPE	1	2	2		

Assessment Date:	March 17	Review Date:	January 2	2017	Copies Issued To:	Client / Principal Contractor				
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Key:- Hazard Rating based on exposure:				1 =Highly Unli	1 =Highly Unlikely, 2 =Unlikely, 3 = Possible, 4 = Probable, 5 = Regular, 6 = Continuous					
Key:- Risk Rating based on severity:					1 = Trivial, 2 = Minor, 3 = Under"7-day" Injury, 4 = Over "7-day" Reportable Injury, 5 = Major Injury, 6 = Fatality					

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RISK ASSESSMENT	-	Risk /	Demo.014	COODY						
Operation / Task:	Hard demolition	Employees at Risk:	Those carrying ou	DEMOLITION						
Location / Area:	Dick Collins Hall, Redhill Street, Camden, London, NW1 4DJ	Other Persons at Risk:	Those working ne	arby	DEMOEITION					
Assessor		Key Responsible Persons:	Site Supervisors							

Hazard	Risk		-Contr Ratir	ol Risk 1g	Control Measures		st-Con Rati	trol Risk ng	Comment
		1	2	1x2		1	2	1x2	
Falling debris	Injury to personnel or the public	5	4	10	All work carried out in strict accordance with the method of work	1	4	4	Provided that the controls are implemented & maintained, the
Unplanned collapse	Serious injury to numbers of personnel	4	4	16	All demolition procedures to be determined by competent designers. All machinery to be fitted with safety cages	1	4	4	residual risk will be low
Dust emission	Environmental pollution by dust	5	2	10	Demolition zones to be clearly identified	1	2	2	
	Inhalation of hazard dusts by site personnel & the public	5	2	10	All site personnel to use correct RPE and other PPE, including safety helmets, safety boots, hi vi vests.	1	2	2	
Noise	Hearing damage and/or environmental nuisance	4	2	8	Provision and use of ear defenders	1	2	2	
Unstable debris heaps	Collapse & entrapment	4	4	16	All debris cleared systematically from the work area	1	4	4	

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	Key:- Risk Rating	ajor Injury (Over "7-day" Reportable Injury), 4 = Fatality							
	Key to Overall Risl	k	Total Score of 2 – 6 L	ow Risk Total Score of	of 8 – 14 Medium Risk Total Score of 15 – 20 High Risk				

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RISK ASSESSMEN	r	Risk /	Assessment No.	Demo.016	COODY					
Operation / Task:	Site security	Employees at Risk:	Those carrying ou	DEMOLITION						
Location / Area:	Dick Collins Hall, Redhill Street, Camden, London, NW1 4DJ	Other Persons at Risk:	Those working ne	arby	DEMOETTON					
Assessor		Key Responsible Persons:	Site Supervisor							

Hazard Risk		Contro Ratin	ol Risk Ig	Control Measures		st-Cont Rati	trol Risk ng	Comment
	1	2	1x2		1	2	1x2	
Theft of machinery & plant	-	-	-	Site secured by a substantial boarding or fencing	-	-	-	Provided that the controls are implemented & maintained, the
Parking of unauthorized vehicles (Squatters)	-	-	-	All entrances manned during working hours	-	-	-	Tesiduai fisk will de low
Damage to plant & machinery	-	-	-	All work areas within the site secured to avoid access to unsafe structures or excavations or unprotected platforms e.g. flat roof areas	-	-	-	
Serious incidents & possible death	5	4	20	All entrances securely locked whilst not in use and manned during the day & locked during non - working times.	2	4	8	
	Risk Theft of machinery & plant Parking of unauthorized vehicles (Squatters) Damage to plant & machinery Serious incidents & possible death	Risk Pre- 1 1 Theft of machinery & plant - Parking of unauthorized vehicles (Squatters) - Damage to plant & machinery - Serious incidents & possible death 5	Risk Pre-Contra-Ratin 1 2 Theft of machinery & plant - Parking of unauthorized vehicles (Squatters) - Damage to plant & machinery - Serious incidents & possible death 5 4	RiskPre-Control Risk Rating121x2Theft of machinery & plantParking of unauthorized vehicles (Squatters)Damage to plant & machinerySerious incidents & possible death5420	Pie-Control Risk Rating Control Measures 1 2 1x2 Control Measures Theft of machinery & plant - - Site secured by a substantial boarding or fencing Parking of unauthorized vehicles (Squatters) - - All entrances manned during working hours Damage to plant & machinery - - All work areas within the site secured to avoid access to unsafe structures or excavations or unprotected platforms e.g. flat roof areas Serious incidents & possible death 5 4 20 All entrances securely locked whilst not in use and manned during the day & locked during non - working times.	Pre-Control Risk Pre-Control Measures Post 1 2 1×2 1	Pre-Control Risk Ratir Control Measures Post-Control Reasures 1 2 1x2 1 2 Theft of machinery & plant - - Site secured by a substantial boarding or fencing - - Parking of unauthorized vehicles (Squatters) - - All entrances manned during working hours - - Damage to plant & machinery - - - All entrances or excavations or unprotected platforms e.g. flat roof areas - - Serious incidents & possible death 5 4 20 All entrances securely locked whilst not in use and manned during the day & locked during non - working times. 2 4	Pre-Control Risk Rating Per-Control Measures Per-Control Measures I

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	Key to Overall Ris	k	Total Score of 2 – 6 L	ow Risk Total Score of	of 8 – 14 Medium Risk Total Score of 15 – 20 High Risk				

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RISK ASSESSMENT	r	Risk A	Demo.017	COODY						
Operation / Task:	Existing services (Overhead & Underground)	Employees at Risk:	Those carrying ou	t the work	DEMOLITION					
Location / Area:	Dick Collins Hall, Redhill Street, Camden, London, NW1 4DJ	Other Persons at Risk:	Those working ne	arby	DEMOEITION					
Assessor:		Key Responsible Persons:	Site Supervisor							

Hazard	Risk		Pre-Control Risk Rating		Control Measures		t-Coni Rati	trol Risk na	Comment	
		1	2	1x2		1	2	1x2		
Live electricity cables Cutti lead	tting into live electric cables can d to serious burns or death	6	4	24	All Services: -Ensure as far as practicable all main services are traced prior to start	1	4	4	Provided that the controls are implemented & maintained, the residual risk will be low	
Live gas mains Fracter explored	acture of gas mains can lead to olosion and/or fire	6	4	24	-Obtain certification from the client / main contractor the services are cut off by the relevant supplier. -Where services are cut off then the point of isolation shall be	1	4	4		
Gas mains not purged Non- explo	n-purged gas mains can lead to blosion and/or fire	5	4	20	identified by the client's agent. -Obtain & check drawings of underground services (these should be within the client's paperwork)	1	4	4		
Live water mains Fract flood	acture of water mains can lead to ods & loss of supply to others	5	3	15	 -If necessary carry out an internal survey for all services -Scan area for buried services with a cable location device prior to excavation. 	1	3	3		
Sewers Unpl lead	planned break into sewers can d to pollution & disease	5	2	10	-Ensure that all procedures are in place for emergencies the client will issue us a fire plan which all operatives will follow in case of emergencies – this will form part of the site induction.	1	2	2		
Oil service pipes Fract lead	acture of oil service pipes can d to pollution & fire	4	2	8		1	2	2		

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	Key to Overall Ris	k	Total Score of 2 – 6 L	ow Risk Total Score of	re of 8 – 14 Medium Risk Total Score of 15 – 20 High Risk					

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RISK ASSESSMENT	-	Risk /	Demo.018	COODY						
Operation / Task:	Use of hand held power tools	Employees at Risk:	Those carrying ou	t the work	DEMOLITION					
Location / Area:	Dick Collins Hall, Redhill Street, Camden, London, NW1 4DJ	Other Persons at Risk:	Those working ne	arby	DEMOETTON					
Assessor:		Key Responsible Persons:	Site Supervisor							

Hazard	Risk	Pre-	Control Risk Rating Control Measures		Control Measures	Pos	st-Con Rat	trol Risk ing	Comment	
		1	2	1x2		1	2	1x2		
Excessive vibration	Bleaching of the fingers due to poor circulation	5	3	15	-Tools are well maintained in accordance with the manufacturer's instructions -Anti - vibration mountings fitted and changed regularly Regular monitoring of subject activity as within Blue Site Box Record use and ensure not go over recommended trigger time – see below for ELV Hilti TE1000 AVR Breaker – 6.5ms2 this would equate to a maximum of 4 hours and 44 minutes per day ELV Hilti TE3000 AVR Breaker – 7.0ms2 this would equate to a maximum of 4 hours and 5 minutes per day ELV Makita 9" Grinder – 5.5ms2 this would equate to a maximum of 6 hours and 37 minutes per day ELV TS 410 cut-off saw – 3.9ms2 this would equate to a maximum of 13 hours and 9 minutes per day ELV Protective warm gloves are worn in cold weather	2	3	6	Provided that the controls are implemented & maintained, the residual risk will be low	
Cold weather	Tendonitis	4	3	12	Provide & use hearing protection	2	3	6		
Use of hand held breakers, Kango hammers, power drills etc	Noise related hearing damage	4	2	8	Ensure that guards are used & supplied Note Vibration white finger is reportable under RIDDOR	1	2	2		
	Entrapment or amputation	5	2	10		1	2	2		

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	Key to Overall Risl	<	Total Score of 2 – 6 L	ow Risk Total Score of	8 – 14 Medium Risk Total Score of 15 – 20 High Risk					

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RISK ASSESSMEN	r	Risk	Demo.019	COODY						
Operation / Task:	Work at height	Employees at Risk:	Those carrying ou	t the work	DEMOLITION					
Location / Area:	Dick Collins Hall, Redhill Street, Camden, London, NW1 4DJ	Other Persons at Risk:	Those working ne	arby	DEMOETTON					
Assessor:		Key Responsible Persons:	Site Supervisors							

Hazard	Risk	Pre-Control Risk Rating		ol Risk Ig	Control Measures		t-Con Rati	trol Risk ing	Comment
		1	2	1x2		1	2	1x2	
Personnel falling during access to or exit from height & Personnel falling from working area at height	Falls of personnel can lead to serious injury or death	5	4	20	 -Provide safe access by scaffolding, mobile platforms man - skips or mobile scaffold towers as applicable -Ensure that any ladders are tied & footed -Skilled & trained for work at heights - As a last resort, provide & use fall arrest equipment 	1	4	4	Provided that the controls are implemented & maintained, the residual risk will be low
Equipment falling during raising to or lowering from height	Falls of equipment can lead to serious injury or death	5	4	20	-Secured work platforms to prevent stray materials -Provide test & check hoists or lifting equipment and use of correct chains, slings etc. -Provide training for the correct use of lifting equipment	1	4	4	
Trespass to work area	Trespass of unauthorised persons can lead to serious injury or death	5	4	20	-Ensure that access ladders are secured at night to prevent trespass	1	4	4	
Debris falling from height	Equipment handling to & from height can lead to equipment damage or injuries to personnel	5	4	20	Secured work platforms to prevent stray materials	1	4	4	
Fragile roofs	Falls through fragile roofs can lead to serious injury or death	4	4	16	When removing roof sheets negate the risk of falling through the roof by removing the sheets from below by cutting through the bolts.	1	4	4	

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RISK ASSESSMENT	-	Risk /	Demo.019a	COODY						
Operation / Task:	Work at height – Machine operations	Employees at Risk:	Those carrying ou	t the work	DEMOLITION					
Location / Area:	Dick Collins Hall, Redhill Street, Camden, London, NW1 4DJ	Other Persons at Risk:	at Risk: Those working nearby							
Assessor:		Key Responsible Persons:	Site Supervisors							

Hazard	Risk		Pre-Control Risk Rating		Control Measures		t-Con Rati	trol Risk ng	Comment
		1	2	1x2		1	2	1x2	
Personnel falling during access to or exit from height & Personnel falling from working area at height	Falls of personnel can lead to serious injury or death	5	4	20	-Provide safe access by mobile platforms -Skilled & trained for work at heights - As a last resort, provide & use fall arrest equipment	1	4	4	Provided that the controls are implemented & maintained, the residual risk will be low
Equipment falling during raising to or lowering from height	Falls of equipment can lead to serious injury or death	5	4	20	-Secured work platforms to prevent stray materials -Provide test & check hoists or lifting equipment and use of correct chains, slings etc. -Provide training for the correct use of lifting equipment	1	4	4	
Trespass to work area	Trespass of unauthorised persons can lead to serious injury or death	5	4	20	-Ensure that access equipment are secured at night to prevent trespass	1	4	4	
Debris falling from height	Equipment handling to & from height can lead to equipment damage or injuries to personnel	5	4	20	Ensure that a banksman is in attendance and that a 360 degree excavator using it's grapple attachment carries out control removal of material from high placing debris into designated waste area.	1	4	4	
					Ensure only authorised personnel are allowed in demolition area.				
					Ensure that any equipment supplied has been erected and inspected by competent persons prior to use. And regular inspections are carried out on the regular basis.				
					FOPS - falling objects protective structure cab of machine to be frame- mounted falling object guard (FOG), bolted side impact protection system, heavy-duty, double-thickness side doors, bucket and boom cylinder guards that shield rods, cylinders and piping.				

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Key to Overall Risk Total Score of 2 – 6 Low Risk Total Score of 8 – 14 Medium Risk Total Score of 15 – 20 High Risk										

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RISK ASSESSMENT	r		Risk Assessment No.	Demo.020	COODY					
Operation / Task:	Traffic entering, leaving and movement on site	Employees at Risk:	Those carrying out the work	DEMOLITION						
Location / Area:	Dick Collins Hall, Redhill Street, Camden, London, NW1 4DJ	Other Persons at Risk:	Those working nearby. Pedestrians on site. The general puentrance/exit. Other road users, as site traffic enters or leave							
Assessor		Key Responsible Persons:	Site Supervisors							

	Diala		-Contr	ol Risk	Control Managemen		st-Con	trol Risk	Commont
Hazard	Risk	1	Ratin	lg 1v2	Control Measures	1	Rati	ng 1v2	Comment
Traffic entering site from main road	Road traffic accidents from traffic crossing entrance	4	4	16	Warning signs to all traffic & pedestrians to Chapter 8 of the Traffic Signs Manual and ACOP for street-works.	1	4	4	Provided that the controls are implemented & maintained, the
Traffic leaving site to main road	Pedestrian accidents by traffic passing entrance to site facilities	4	4	16	Traffic controls at exit depending on volume of traffic	1	4	4	residual risk will be low
Pedestrians crossing entrance & on site	Transport of mud into buildings causing slippery floors etc	3	2	6	Place barriers to direct traffic flow	1	2	2	
Mud caused by site	Transport of mud from wheel wash to external roads increasing RTA risks	4	2	8	Provide barriers to segregate traffic from pedestrians on site	1	2	2	
Mud caused by site & Vehicle speed on site	Excessive speed on site can lead to dust if dry or loss of control if wet	4	3	12	Site speed limit of max. 5mph Regular cleaning with mechanical sweeper	1	3	3	
	Contact by injuries	4	3	12	Ditto above & all operatives to use high visibility jackets Provide boot scrapers & mats at all entrances to site facilities	1	3	3	

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Key:- Risk Rating based on severity:Key to Overall Risk			1 = Trivial, 2 = Minor	1 = Trivial, 2 = Minor (Under"7-day" Injury), 3 = Major Injury (Over "7-day" Reportable Injury), 4 = Fatality				
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RISK ASSESSMENT	-	Risk A	Demo.033	COODY					
Operation / Task:	Demolition Operations	Employees at Risk:	Site operatives		DEMOLITION				
Location / Area:	Dick Collins Hall, Redhill Street, Camden, London, NW1 4DJ	Other Persons at Risk:	Site personnel, Visi	tors	DEMOLITION				
Assessor		Key Responsible Persons:	Managers & Superv	visors					

			P . 1		re-Co lisk Ra	ntrol ating		Po R	ost-Co lisk Ra	ntrol Itina	0	
Ref.	Activity	Hazard	Risk	1	2	1x 2	Control Measures	1	2	1x2	Comment	
01	Demolition operations	Demolition of structures	Falls, falling objects,	4	4	16	Erect hoardings, barriers and fencing as required. Display warning signs. Safe System of Work to control collapse of structure.	1	4	4	Health and Safety Plan strictly followed. Trained, competent operatives for all work activities.	
02	Access/Egress to Working areas	Unauthorised personnel.	Falls, falling objects, Uncontrolled collapse	3	4	12	Site working areas will be fenced, hoarding erected and warning signs displayed. All visitors report to site office for Safety Induction.	1	4	4		
03	All Tasks.	Noise, dust from operations.	Hearing damage. Environmental issues	5	2	10	 All construction plant and vehicles constructed to national standards and industry norm that includes noise attenuation. Noise Risk Assessment carried out for various items of plant and hearing protection identified. 	2	2	4	Use of water to damp down works to minimise dust.	
04	Driving & walking on site	Plant and vehicle movements. Obstruction.	Contact by. Contact with. Major injury.	5	4	20	Site speed limit usually 5 mph (Vehicles). High level of personal awareness. (All) Use the designated walkways and routes (All) Rotating flashing amber beacon displayed prominently on top of vehicle. (Vehicles).	1	4	4	See also task specific assessments.	
05	Hot Works	Sparks, Fire, Explosion	Fatality, Major injury Property, equipment damage	3	4	12	Trained, competent operatives. Hot works Permit to be used. Check for hot spots. Fire fighting equipment available in working area.	1	4	4		

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RISK ASSESSMENT	T	Contract:			Risk assessment No. Demo.034	
Operation / Task:	Manual Handling	in General Demolition Operations	Employees at Risk:	Demolition Operatives		
Location / Area:	Dick Collins Hal 4DJ	I, Redhill Street, Camden, London, NW1	Other Persons at Risk:	Other sta	ff & public (occasionally)	
Assessor:			Key Responsible Persons:	Supervis	ors / Foremen	

Description	V/N	Pre	e-Contro	l Risk	Control Magauroa	Post-Co	ntrol Ris	k Rating	Commont
Description	T/IN	1*	2*	1x2	Control measures	1*	2*	1x2	Comment
The tasks - do they involve:					-The use of mechanical equipment wherever possible to minimise				The tasks on demolition mainly relate to
Holding loads away from trunk?	Y	3	3	9	manual handling	1	3	3	handling of materials arising from soft
Twisting?	Y	3	3	9	-For soft strip work the work is programmed with a sequence of	1	3	3	strip or sorting materials post demolition.
Stooping?	Y	3	3	9	operations to avoid carrying materials long distances and using debris	1	3	3	Although carried out manually, the
Reaching upwards?	Y	3	2	6	CRUTES	1	2	2	operatives are assisted wherever possible
Large vertical movement?	Y	2	3	6	-An men receive basic manual nanoling training including best practices	1	3	3	by mechanical equipment. The main demolition work is carried out
Long carrying distance?	Ν	0	0	0	mechanical aids	0	0	0	wherever possible using specialist
 Strenuous pushing or pulling? 	Ν	0	0	0	-Structural demolition uses mechanical equipment to minimise handling	0	0	0	mechanical equipment so manual
 Unpredictable movement of loads? 	Y	3	3	9	and other demolition related risks	1	3	3	handling is minimised. In reality, all
Repetitive handling?	Y	2	2	4	-Additional labour provided for tasks requiring multi-lifting in awkward	1	2	2	reasonably practicable efforts are made to
 Insufficient rest or recovery? 	Ν	0	0	0	areas	0	0	0	avoid handling any material creating a
A work-rate imposed by a process?	Ν	0	0	0	-Access / work scaffolds provided where required to obviate reaching	0	0	0	significant handling risk unless essential.
					upwards Dempe provided to obvieto stano where presticable				
					-Ramps provided to obviate steps where practicable				
The loads - are they:					-Components are broken down to below 20-25kg weight				
Heavy?	Y	3	3	9	-Components reduced to small unit sizes, especially during soft strip	1	3	3	
Bulky/unwieldy?	Ŷ	3	3	9	work	2	3	4	
Difficult to grasp?	Ŷ	3	2	6	-All work subject to risk assessment and method statement to avoid	2	2	4	
Unstable/unpredictable?	Ŷ	3	3	9	unpredictable movements	2	3	6	
 Intrinsically harmful (eg sharp/hot)? 	Ý	3	3	9	-Operatives are experienced to anticipate possible problems	2	3	6	
		-	-	-	-"Sharps" subject to strict handling and PPF requirements		-	-	
The working environment - are they:									Whilst screening can improve work
Constraints on posture?	Y	3	3	9	-"Open up" area to allow better access	1	3	3	conditions, it is only provided if it has no
Poor floors?	Ŷ	4	3	12	-Dedicated walkways wherever possible	2	3	6	adverse effect on the stability of the
Variations in levels?	Y	4	3	12	-Provision & use of ramps and temporary platforms	2	3	6	structure being demolished
Hot/cold/bumid conditions?	Y	4	3	12	-Good selection of PPE consistent to hot / cold / wet conditions	2	3	6	
Strong air movements?	Y	3	2	6	Provision & use of screening to avoid dusts and wind effects	2	2	4	
Poor lighting conditions?	Y	3	2	6		1	2	2	
			1						

This assessm particular site.

This assessment can be ame particular site.	ended to deal with any	additional or alternative situation that may apply to a				GOODY
RISK ASSESSMENT Contract:					Risk assessment No. Demo.034	DEMOLITION
Operation / Task:	Manual Handling	n General Demolition Operations	Employees at Risk:	Demolitic	n Operatives	
Location / Area: Dick Collins Hall, Redhill Street, Camden, London, NW1 4DJ		Other Persons at Risk:	Other staff & public (occasionally)			
Assessor:			Key Responsible Persons:	Supervise	ors / Foremen	

	Y/N	Y/N Pre-Control Risk				Post Co	ontrol Ris	sk Rating		
Description		Rating		3	Control Measures				Comment	
		1*	2*	1x2		1*	2*	1x2		
Individual capability - does the job: require unusual capability? hazard those with a health problem? hazard those who are pregnant? call for special information/training?	Y Y Y Y	5 5 6 5	3 3 3 3 3	15 15 18 15	 Operatives trained and fully experienced in demolition activities Very experienced supervision Pregnant persons not employed due to the significant risks Specialist training provided for certain high risk situations (e.g. asbestos removal) All operatives physically fit for this type of work Personnel suffering with significant health problems not employed due to nature of the work 	2 2 1 2	3 3 3 3	6 6 3 6	Demolition activity creates many potential hazards that can affect people with certain poor health conditions such as respiratory problems. Whilst every effort is made to minimise the effect, it is inadvisable to use such persons in this work unless medical evidence confirms suitability.	
Other factors: Is movement or posture hindered by clothing or personal protective equipment	Y	PPE is PPE is	s a comm s a "last r	ion provisio esort" princ	on for demolition work. The whole work practice is assessed on its merit to d tiple but it is essential for most aspects of demolition and its use is determine	etermine i d accordii	most effic ngly.	ient and rea	asonably practicable way to do the work.	

2.	Are mechanical lifting aids required?	Yes/ No	Details: Specialist equipment such Excavators with ROPs & FOPs. Attachments such as Pusher arms, Guillotines, Breakers and Claws. Cranes are used for specialist lifts as necessary. Forklifts and loading shovels (tyred and skid steer) for moving & loading materials Pallet trucks
3.	Is assistance from others required?	Yes/ No	Details: Additional manual labour used for lifting in restricted ares. This can be supplemented provision and use of pulley blocks, jacks etc as necessary.

4. Check accident records for previous handling injuries and dates: Date.....

5. Action required	Target Completion date:	Completion date:
It is assumed the above control measures are in place before any work commences. Demolition sites are ever changing and control measures will change accordingly but the above are common controls for subject works to avoid manual handling problems.		Before each job starts

Please refer to the Risk Assessment Guidance Notes for information on interpretation. Target Post-Control Rating = 10 Some Pre-Control ratings may be less than 10 but further controls are still to be considered.

Assessment Date:	March 17	Review Date:	January 2018	Copies Issued To:	Client / Principal Contractor				
	Approved for Issue:			(For Contract Specific	Site				
Approved for Issue:			(Signature)	Use	Goody Demolition Supervisor				
	Key:- Hazard Ratin	Key:- Hazard Rating based on exposure:		=Unlikely, 3 = Possible, 4 = P	robable, 5 = Regular, 6 = Continuous				
	Key:- Risk Rating	based on severity:	1 = Trivial, 2 = Minor	1 = Trivial, 2 = Minor (Under"7-day" Injury), 3 = Major Injury (Over "7-day" Reportable Injury), 4 = Fatality					
	Key to Overall Ris	k	Total Score of 2 – 6 L	ow Risk Total Score o	8 – 14 Medium Risk Total Score of 15 – 20 High Risk				

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RISK ASSESSMENT			Risk Assessment No.						
Operation / Task:	Working close to & above the general public – hot works	Employees at Risk:	Those carrying out the work		GOODY				
Location / Area:	Dick Collins Hall, Redhill Street, Camden, London, NW1 4DJ	Other Persons at Risk:	Those working nearby. Pedestrians on site. The general pu car parks	blic using the stores and	DEMOLITION				
Assessor		Key Responsible Persons:	Site Supervisors						

		Pre-Control Risk					st-Con	rol Risk	
Hazard	Risk		Rat	ting	Control Measures		Rati	ng	Comment
		1	2	1x2		1	2	1x2	
Pedestrians walking near works	Material falling from heights	3	4	12	Place barriers to stop access to general public and staff.	1	4	4	Provided that the controls are implemented & maintained, the residual risk will be low
Sparks or combustible materials	Fire	5	3	10	Work under Hot work permit by "competent persons" only Area of work controlled by barriers & statutory signs	1	3	3	
Flammable gases used for flame cutting	Fire	4	3	12	Fire extinguishers & fire warden to be provided All other flammable materials to be removed from the area	1	3	3	
Stability of structure	Uncontrolled release of gases with fire risk	4	2	8	Well maintained burning equipment Flash-back arrestors fitted	1	2	2	
	Unplanned collapse	5	4	20	To carry out the method of work as stated in the method statement and also to carry the works at less busy times to avoid the public.	1	4	4	
Hot metal	Burns from hot metals	4	2	8		1	2	2	
Movement of material	Crushing limbs hitting pedestrians	3	2	6	Have Banksman in attendance whist moving, move materials at less busy times to avoid the public	1	2	2	

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Approved for issue.	Jecen Child		(Signature)	000	Goody Demolition Supervisor					
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	Key to Overall Risk	(Total Score of 2 – 6 L	ow Risk Total Score of	8 – 14 Medium Risk Total Score of 15 – 20 High Risk					

This general assessment can be amended to deal with any additional or alternative situation that may apply to a particular site. The contract detail is then to be entered and distribution noted below.									
RISK ASSESSMENT	r	Risk	Assessment No.	Demo.043	COODY				
Operation / Task:	Operation of lorries	Employees at Risk:	Those carrying ou	DEMOLITION					
Location / Area:	Dick Collins Hall, Redhill Street, Camden, London, NW1 4DJ	Other Persons at Risk:	er Persons at Risk: Those working nearby						
Assessor		Key Responsible Persons:	Site Supervisors						

Hazard Risk		Pre	Contre Ratin	ol Risk a	Control Measures		st-Con Rati	trol Risk na	Comment
		1	2	1x2		1	2	1x2	
Contact with moving plant	Injuries by movement of lorries	4	4	16	Provide warning signs & set up exclusion zone Site speed limit of max. 5mph drivers should have a safe place to wait during the loading and unloading process, without being required to pass through areas where there are moving vehicles	1	4	4	Provided that the controls are implemented & maintained, the residual risk will be low
Moving parts of skip lorry	Amputation or crushing on contact with moving parts of the hydraulic plant	4	3	12	Ensure that all necessary guards are in place & observed and exclusion zone is observed whilst loading/unloading operations are taking place.	1	4	4	This assessment to be read in conjunction with Dem22. All plant equipment must comply with PUWER 1998. Use of banksmen to supervise reversing as required.
Material falling off from skip / tipper body	Injury due to material from the loading operation	3	3	9	Set up exclusion zone. Where necessary provide & use sheeting.	1	3	3	
Dust	Inhalation of dust from handling of debris	3	2	6	Provide water sprays to limit dust emission, continuous use if necessary. Provide & ensure use of RPE for all personnel. Where necessary provide & use sheeting.	1	2	2	
	Eye irritation by dust from handling of debris	3	2	6	Provision & use of eye protection. Dampen down whilst loading material to avoid particle release.	1	2	2	
Noise	Exposure to noise above second exposure level	3	2	6	Provide & ensure the use of adequate hearing protection	1	2	2	
Rupture of hydraulic lines	Spillage of hot oil and subsequent skin burns	3	3	9	Good maintenance of lorry Provide & ensure use of PPE by driver as appropriate to operation.	1	3	3	
Driving on site	Vehicle movements. Contact by. Contact with. Major injury.	4	4	12	Site speed limit usually 5 m.p.h. High level of personal awareness. Rotating flashing amber beacon displayed prominently on top of vehicle.	2	4	8	
Reversing of lorries		5	4	20	If reversing is unavoidable additional safety measures should be considered, eg extra mirrors on vehicles and CCTV. Banksman to be in attendance whilst reversing is taking place.	2	4	8	
		1	1			1	1	1	

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RISK ASSESSMENT	-	Risk /	Assessment No.	Demo.043	COODY				
Operation / Task:	Operation of lorries	Employees at Risk:	Those carrying ou	t the work	DEMOLITION				
Location / Area:	Dick Collins Hall, Redhill Street, Camden, London, NW1 4DJ	Other Persons at Risk:	Those working ne	arby	DEMOEITION				
Assessor		Key Responsible Persons:	Site Supervisors						

General loading of material into tipper body	Injuries due to falling or swinging objects	4	4	16	Ensure that a banksman is in attendance and that a fully trained operator using a 360 degree excavator using it's grapple / bucket attachment carries out debris removal placing debris into the tipper body. Equipment properly sited.	2	2	4	Provided that the controls are implemented & maintained, the residual risk will be low
Removal of hazardous material	Contamination - Release of asbestos fibres to the air / water environment as waste	3	4	12	Work with asbestos carried out in accordance with the company health & safety compliance procedures & documentation including within the Method Statement. Use either lockable / polythene sheeted skips and ensure that the waste is properly sheeted/encapsulated prior to removal. Ensure all waste transfer notes are completed. PPE (Safety helmet, high visibility vest/jacket, respirator, FFPS 3 standard, Dustproof overalls. All asbestos material will be carefully loaded into a covered skip/lorry using a fine water mist. All plant and equipment will be washed down before leaving site. Use wet rags to clean equipment and area, place rags in covered skip. Drivers must also wear the appropriate PPE.	1	4	4	

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RISK ASSESSMENT	-		Demo.048	GOODY						
Operation / Task:	Refuelling on site	Employees at Risk:	Those carrying out the v	DEMOLITION						
Location / Area:	Dick Collins Hall, Redhill Street, Camden, London, NW1 4DJ	Other Persons at Risk:	Other Persons at Risk: Those working nearby							
Assessor		Key Responsible Persons:	Site Supervisor							

Hererd	Rick		Pre-Control Risk		Control Measures	Post-Control Risk Rating			Comment
Hazaru	RISK	1	2	iy 1x2	Control measures	1	2	1x2	Comment
Contamination / Pollution of surrounding ground	Damage to flora and fauna	3	2	6	Set up dedicated fuel refuelling area that will not need to be moved during the course of the contract. Consider using existing concrete hard standing with controlled drainage or thick impermeable membrane overlain with sand and stone for vehicles to stand on whilst they are being refuelled.	1	2	2	Provided that the controls are implemented & maintained, the residual risk will be low.
					Fuel storage tanks or mobile bowsers should only be operated by named individuals who have received training in operating the tank and using spill response materials safely. Anyone operating a fuel storage tank must have been briefed on the COSHH Assessment for refuelling with diesel and must have been issued with, and use, appropriate Personal Protective Equipment (PPE). Records of this briefing and the issue of PPE must be kept on site. All hoses, valves, trigger guns, funnels and other associated equipment should be kept within the bunded area. Any trigger guns present should be fitted with an automatic cut off. Where possible, protect hydraulic hoses from damage. Hoses and connections should be regularly checked for leaks and faults. Use only lockable bunded mobile bowsers for refuelling plant and equipment and make sure that the bund is regularly emptied of any fuel that has collected.				
Flammable materials	Ignition of combustible fuels	3	4	12	All water run-off from refuelling areas should be channelled to an bund with warning indicator. Supply funnels and drip trays or absorbent pads to help prevent spills during refuelling. Make sure that each bowser has a spill response kit on board. If pads or spill kits used these will be need to disposed as hazardous waste. Make sure that any container that you use for transporting fuel is fit for purpose, has a sealed lid, does not leak and is properly labelled. Consider using barriers to protect the fuel tank from collision from site traffic. No smoking or sources of ignition in refuelling area. No running plant in refuelling area. Provide adequate and appropriate fire extinguishers to be kept no more than 5 mtr away from refuelling area Ensure area is away from other combustible material or areas of high risk or environmental risk.				

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RISK ASSESSMENT	r		Demo.048	COODY					
Operation / Task:	Refuelling on site	Employees at Risk:	Those carrying out the v	DEMOLITION					
Location / Area:	Dick Collins Hall, Redhill Street, Camden, London, NW1 4DJ	Other Persons at Risk:	Those working nearby		DEMOETTON				
Assessor		Key Responsible Persons:	Site Supervisor						

Hazard	Risk	Pre	Pre-Control Ri Rating		Control Measures	Pos	st-Con Rati	trol Risk ng	Comment
		1	2	1x2		1	2	1x2	
Fuel Contact with operative	Damage to skin may cause dermatitis	4	3	12	Provide operative with correct PPE including non permeable gloves, ware overalls and eye protection. In case of contact with eyes, wash immediately in copious amounts of water while keeping eyelids spread apart for at least 15 minutes and consult a specialist.	1	3	3	Provided that the controls are implemented & maintained, the residual risk will be low.
	Prolonged or repeated contact with skin destroys the lipoacid skin layer and may cause dermatitis.	4	3	12	Provide operative with correct PPE including non permeable gloves, ware overalls and eye protection. On top of this consider barrier cream which depends on frequency of use.	1	3	3	
	Vapours or mists are irritating for mucous membranes, notably in the eyes.	3	2	6	PPE as before, consider using respirator with correct filter not stop nauseous fumes. Only have refuelling station in open are with good ventilation.	1	2	2	
	If swallowed accidentally, the product may enter the lungs due to its low viscosity and lead to the rapid development of very serious inhalation pulmonary lesions (medical survey during 48 hours).	2	3	6	Ensure the COSHH assessment is known to the operator and what medical procedures are required. Make contact with the site first aider and take to hospital for treatment.	1	3	3	
Contact with moving plant	Injuries by movement of mechanical plant	4	4	16	Provide warning signs & set up exclusion zone. When refuelling the plant must be turned off and the keys out of the machine the person refuelling when finished if not the operator must leave the area and await for the plant to move away before entering the area again.	2	4	8	

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RISK ASSESSMENT	-	Risk Assessment No. Demo.062		COODY		
Operation / Task:	RPE – Dust / Fume / Nocuous Vapour	Employees at Risk:	t the work	DEMOLITION		
Location / Area:	Dick Collins Hall, Redhill Street, Camden, London, NW1 4DJ	Other Persons at Risk:	Those working nearby		DEMOEITION	
Assessor		Key Responsible Persons:	Site Supervisors			

Hazard	Risk	Pre-Control Risk Rating		ol Risk Ig	Control Measures		Control Measures		ost-Co Risk Ra	ontrol ating	Comment
		1	2	1x2		1	2	1x2			
Exposure to airborne dust, fumes, nocuous vapour of those carrying out the work	Lung Damage, allergic reaction, poisoning, infection – possible for those carrying out the work & others exposed	5	3	15	Ensure that the correct type of mask is worn or filters supplied. Assess material through COSHH assessments or carry our assessment of materials.	1	3	3	Provided that the controls are implemented & maintained, the residual risk will be low		
Fumes from metals, paints or residues in vessels		4	3	12	Provide operative with the correct RPE and FFP3 Filters and ensure that they have been given instructions on use of and face fitting of mask	1	3	3	A half mask cartridge-type respirator is the most		
Release of carcinogenic particles		4	3	12	Provide operative with the correct RPE and FFP3 Filters and ensure that they have been given instructions on use of and face fitting of mask FFP3 respirators can provide protection against solid and liquid aerosols and smoke containing the following materials such as : Asbestos, calcium carbonate, china clay, cement, cellulose, sulphur, cotton, flour, carbon, ferrous metals, hardwood, silicon, plastic, vegetable oils and mineral oils, copper, aluminium, bacteria, fungi, Mould spores and mycobacterium tuberculosis (T.B.), chromium, manganese, nickel, platinum, strychnine, metal dust and smoke, viruses such as Avian flu, Swine Flu, Sars and enzymes.	1	3	3	common type used for protection against organic vapours, dusts, mists, acid gases, and fumes. You should be aware, however, that respirators of this type provide adequate protection only under limited conditions. This type of respirator is designed mainly for short- term operations that do not contain atmospheres that are "immediately dangerous to life." To use this type of respirator you must know both the type and concentration of contaminants in the air.		

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RISK ASSESSMENT	-	Risk Assessment No. Demo.064			GOODY	
Operation / Task:	Operation of Quick hitch on 360 machine	Employees at Risk:	Those carrying ou	t the work	DEMOLITION	
Location / Area:	Dick Collins Hall, Redhill Street, Camden, London, NW1 4DJ	Other Persons at Risk:	Risk: Those working nearby		DEMOEITION	
Assessor		Key Responsible Persons:	Site Supervisors			

Hazard	Risk	Pre-Control Risk Rating		ol Risk Ig	Control Measures		st-Con Rati	trol Risk ing	Comment
		1	2	1x2		1	2	1x2	
Not correctly fitting attachment / bucket (loose equipment)	Injuries by contact of falling mechanical plant	4	4	16	Keep other workers away from the machine's working range. Never work under the bucket or attachment. Ensure that the site supervisor enforce this rule. Ensure that all necessary guards are in place & observed ensure that the operator is fully aware of his surroundings and the vicinity of the banks man; The banksman must also be aware of his own vicinity to the machine and ensure that a safe distance is maintained at all times. Hi-Vis Vest must be worn. When using the quick hitch engage first this will automatically lock the first pin then crowd the attachment in hold the lever across until engage and locked off which is indicated by the buzzer stopping. Shake bucket slightly off ground as a double check. Check that machines are in good order, and all quick hitches are included in the maintenance plan and subject to proper maintenance schedule.	1	4	4	Older non automatic / semi-automatic hitches were prone to attachments not being secured properly. Innovations have produced fully automatic quick hitches which far more advanced and safer to use. Goody Demolition have provided all their fleet with these new fully automatic hitches – miller bug; twinlock; Geith Twinlock. Be aware that criminal convictions for misuse of quick hitches have already led to prison sentences for operators. Provided that the controls are implemented & maintained, the residual risk will be low

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Key:- Risk Rating based on severity: Key to Overall Risk			1 = Trivial,	1 = Trivial, 2 = Minor (Under"7-day" Injury), 3 = Major Injury (Over "7-day" Reportable Injury), 4 = Fatality					
			Total Score	e of 2 – 6 Low Risk	Total Score of 8 – 14 Medium Risk	Total Score of 15 – 20 High Risk			



TRAINING & PPE REGISTER

OPERATIVES

I confirm that I have had training with the currant tools/plant being used (as stated within the method statement or discussed on the tool box talks) and have been issued with the appropriate PPE and understand the Safe Systems of Work employed.

NAME	SIGNATURE	DATE

I confirm the above have had the correct training and the appropriate PPE issued to them necessary for the safe completion of the task.

Signed

Print Name

Position



SITE INDUCTION REGISTER

OPERATIVES

I confirm that I have had an explanation of our Method Statement, Risk Assessments, Health & Safety Policy and understand the Safe Systems of Work employed.

NAME	SIGNATURE	DATE

I confirm the above have had the detailed Site Induction, incorporating the necessary State Systems of Work & Site Rules, explained to them for the safe completion of the task.

Signed

Print Name

Position

.....



METHOD STATEMENT REGISTER

OPERATIVES

I confirm that I have had an explanation of our Method Statement, Risk Assessments, Health & Safety Policy and understand the Safe Systems of Work employed.

NAME	SIGNATURE	DATE

I confirm the above have had the detailed Method Statement, incorporating the necessary State Systems of Work, explained to them for the safe completion of the task.

Signed

Print Name

Position

.....



DECLARATION OF HEALTH REGISTER

OPERATIVES

I confirm that I have no known medical conditions or on any medication or have been involved with any accidents or have long tern conditions which may affect or affected by carrying out my daily duties and in signing this form I confirm I am fit and healthy to work:-

I declare that the information I have given is to the best of my knowledge and belief true and complete.

NAME	SIGNATURE	ANY CONDITIONS (Y / N)	DATE

If you have confirmed that you suffer from any medical condition or on any medication can you please state your condition and/or medication along with your name on the other side of this register.



DECLARATION OF HEALTH REGISTER

ONLY TO BE FILLED IN IF YOU HAVE CONFIRMED YOU HAVE A CONDITION ON THE PREVIOUS SECTION OF THE DECLARATION OF HEALTH REGISTER.

NAME	CONDITION	MEDICATION