



Strip Out and Demolition Plan

Strip Out and Demolition Works

Proposed at

Iron Bridge Road North

Uxbridge

Stockley Park

UB11 1BT

COLLINS DEMOLITION LTD

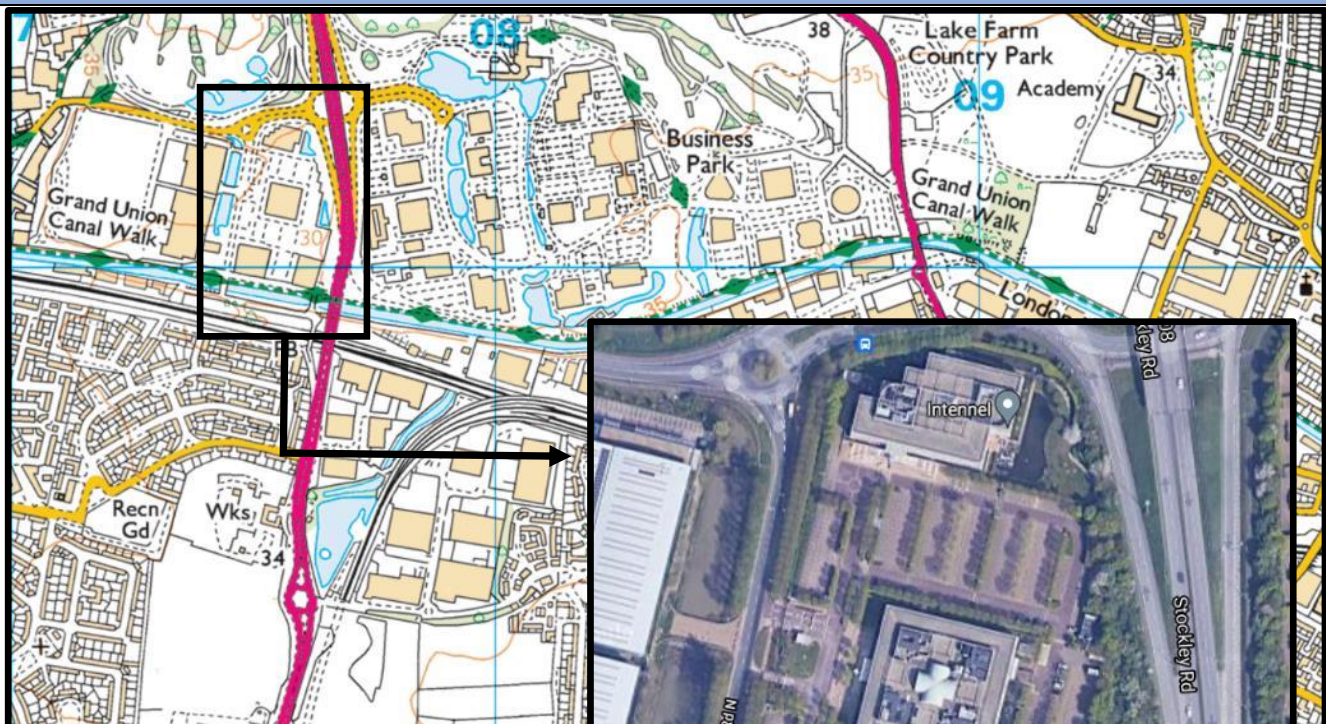
DEMOLITION PLAN



DEMOLITION PLAN DETAILS:

PROJECT NAME & NO:	GSK Buildings	PROJECT ORIGINATOR:	Scott Craddock
PROJECT ADDRESS:	Iron Bridge Road North, Stockley Park, Uxbridge, UB11 1BT		
CLIENT:	WINVIC		
METHOD STATEMENT NO:	CDL143MS	REVISION NO:	003
ANTICIPATED START DATE:	10 th January 2021	ANTICIPATED DURATION:	16 Weeks
SITE WORKING HOURS:	Monday to Friday – 7am to 7pm Saturday – 7am to 5pm		

LOCATION PLAN



SITE ADDRESS

Iron Bridge Road North,
Stockley Park,
Uxbridge

UB11 1BT

DIRECTIONS TO SITE WHERE RESTRICTIONS MAY APPLY

The site is readily accessible from the A408 (Stockley Road) which is located to the east of the site.

From the A408, site users should head west off the roundabout on Horton Road before turning into Iron Bridge Road North which provides access to the site.

Iron Bridge Road North, as shown below, is not restrictive in height or width with regard to the delivery of plant and equipment. The site access point is shown below.



HOLD POINT

The Method Statement and Risk Assessment provided reflect the works and methods to be used on site and cover the hazards associated with these works

SITE SUPERVISOR/ MANAGER	SIGNATURE	DATE

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Document Control Sheet

TITLE	ACTION	DATE	SIGNATURE:
HSEQ Team	Prepared	20.12.2021	
Site Manager	Reviewed		
Client	Reviewed		

CIRCULATION

COPY NO.	ISSUED TO:	LOCATION
Initial Draft	Client	\\svr02\cms\9 DEMOLITION\009.DEM; RISK ASSESSMENTS AND METHOD STATEMENTS\CDL143MS
003	SERVER	\\svr02\cms\9 DEMOLITION\009.DEM; RISK ASSESSMENTS AND METHOD STATEMENTS\CDL143MS

AMENDMENT HISTORY

Rev No.	Date	Remarks	Page No	Amended By
001	30.07.2021	Initial Formation	ALL	NW
002	29.11.2021	Various changes	ALL	NW
003	20.12.2021	Various changes	ALL	NW & AL

REVIEW

Proposed Review Periods	Actual Date of Review	Reviewed By (Signed)	
		Project / Site Manager	HSEQ
Following Soft Strip			
Following Demolition			
Following Ground Works			
Date the Demolition Plan was forwarded to the Principal Contractor / Designer for approval			
Date approved by Principal Contractor / Designer			

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1. Introduction

1.1 Objectives of the Demolition Plan

This Plan has been prepared for the Demolition of the Buildings located at the former Glaxo Smith Klein site located at Uxbridge.

The works involve general site clearance (i.e., removal of block paving, external furniture, Kerns and the like) prior to the progressive Demolition of the Structure to slab level. Following demolition, Collins will undertake a suite of ground works to remove all ground slabs, footings and foundations in addition to 3 No. below ground fuel tanks.

Site wide Tree protection plan can be seen within Site Method Statement

All Remediation Works shall be covered in a separate document.

The demolition and reclamation works shall be undertaken in accordance with the following legislation and approved Codes of Practice (Design and Management) Regulations

- BS 6187 Code of Practice for both Full and Partial Demolition
- Health and Safety at Work Act
- The Management of Health and Safety at Work Regulations
- Workplace (Health, Safety and Welfare) Regulations
- PUWER Regulations
- COSHH Regulations
- LOLER Regulations;
- HSG (47) Avoiding Danger from Underground Services;
- Control of Pollution Act
- Environmental Protection Act
- Wildlife and Countryside Act

Drop Zones / Safety Zones

Demolition Safety Zones will be formed in accordance with BS6187, these will be relevant for the task and suitable and sufficient warning signage displayed. Collins shall provide all fencing and signage for the erection of task specific drop zones/ exclusion zones in addition to a banksman.

In addition to the above, the Collins Group operates an Internal Management System that conforms to the requirements of;

- BS EN ISO 9001
- BS EN ISO 14001
- BS EN OHSAS 45001

This Demolition Plan has been developed from the Pre-construction information provided by the Client for the Demolition Phase of the Project.

The purpose of the Demolition Plan is to provide the Client, Principal Contractor, Contractors and Employees with information relating to the Project, and to give details of our organisation and arrangement procedures for the management and prevention of safety, health, and environmental risks which are known to exist, or which may be encountered, throughout the Demolition Phase of works.

This Plan is intended to provide focus for the management and co-ordination of safety, health, and environmental issues.

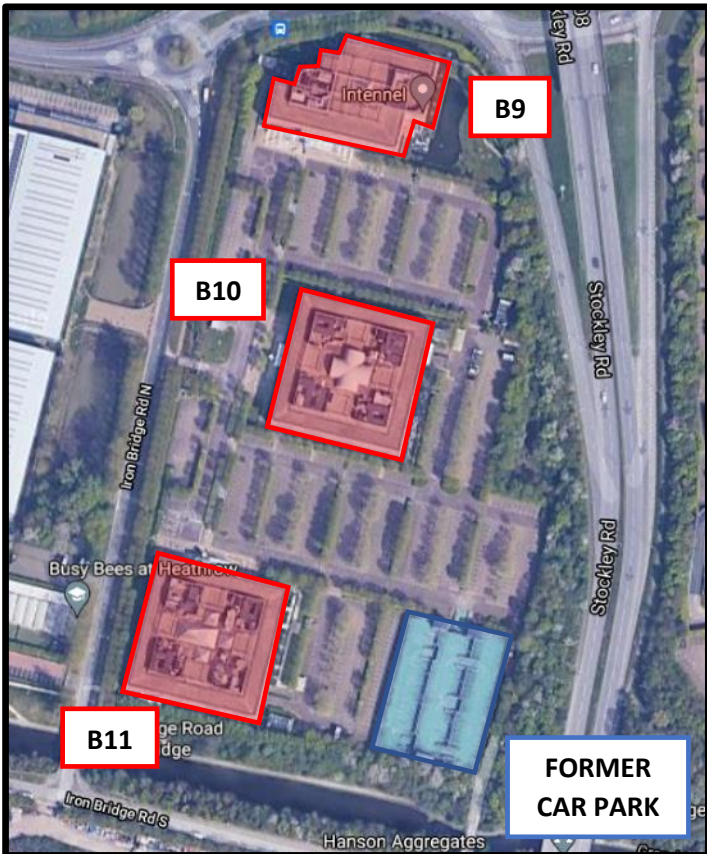
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The Plan will be reviewed for its effectiveness by Collins Contract Manager, Site Managers, and HSEQ Department as and when any changes, alterations, or unforeseen circumstances are identified.
All persons working on or visiting the site will be briefed and/or made aware of the availability of this Demolition Plan and its contents.

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1.2 Summary of Project Information	
Project Name	Strip out and demolition works of buildings at former GSK Site, Uxbridge.
Project Address	Iron Bridge Road North, Stockley Park, Uxbridge, UB11 1BT.
CDM Duty Holders	The Client is Prologis.
	The Principal Contractor is WINVIC.
	Collins are a Subcontractor to WINVIC and will undertake demolition works on behalf of WINVIC.
	Collins shall subcontract the soft stripping works out to a Sub contractor (J H Hicks). Collins shall subcontract the scaffolding works out to a Sub contractor (TBC). Collins shall subcontract the Remediation out to a Sub contractor (Portway).
Description and Scope of Works	The works comprise of general site clearance to remove all external furniture (i.e., bike sheds, fences, lighting columns, bollards etc.) The buildings will then be prepared for demolition by undertaking a soft strip to remove all internal fixtures, fittings and furnishings. As the soft stripping works proceed, all asbestos containing materials will be progressively stripped out (see asbestos section below for details on the presence of asbestos containing materials currently within the buildings to be demolished). Hold Point: Notification to the Principal Contractor that all fixtures, fittings and furnishings have been removed from the buildings to be demolished. Following the preparation works outlined above, Buildings B9, B10, B11 and the former multi-story car park will be demolished down to slab level. Materials arising from the demolition works shall be processed into separate waste streams and removed from site as the demolition works progress. Following demolition, Collins shall break out and remove the former ground slabs before excavating within the footprint of the former buildings to expose and remove all historic footings and foundations to 1.5m BGL. Collins understands that there are 3 No. below ground tanks located within the site boundary. These tanks have previously been decommissioned and foam filled and will be broken out and removed as part of the Contract Works. All site won materials arising from the works shall be processed into separate waste streams and removed from site as works progress. Where applicable, clean brickwork and concrete arisings will be crushed to a 6F2 specification and stockpiled within site boundary. All block paving will be harvested, processed and reused within the site as material for backfilling of excavations. All deleterious materials arising from the site will become the property of Collins and shall be removed from site.
Existing Environment (Ecology – Watercourses)	The site consists of 3 former office buildings and a former multi storey car park which is located in the south west corner of the site. As shown below, the three buildings to be demolished are known as B9, B10 and B11. Collins understands that there are 3 no. below ground tanks which have previously been isolated and decommissioned (i.e., foam filled).

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	The remainder of the site comprises of internal access roads and car parking which is made up from permeable block paving. There are no watercourses located within the site boundary, however, there is a pond located in the north eastern corner of the site adjacent to Building B9 (see below).	
	Building to be demolished Carpark to be demolished	
Surrounding Area / 3rd Parties	The site is located within an area that is of mixed commercial use. The eastern site boundary is adjacent to Stockley Road with retail units beyond. To the north, there is a golf course and existing commercial units lie to the west beyond Iron Bridge Road North. To the south, the site is adjacent to the grand union canal.	
Existing Services	Collins understands that each of the buildings to be demolished are fed individually by 3 No. substation located within the site boundary. Electrical feeds to each of the buildings to be demolished shall be isolated back to the individual substations by the Principal Contractor. Collins understands that the buildings were formerly supplied with a gas supply which shall be isolated back to the site boundary by the Principal Contractor. The Principal Contractor shall be responsible for providing all isolation works to any communication supplies to the buildings to be demolished.	

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	The Principal Contractor shall provide a water supply for use in the provision of welfare and dust suppression. Hold Point: Prior to the commencement of any works, the Principal Contractor shall provide evidence of isolation works undertaken to buildings gas, electrical and communication supplies. This should comprise of an isolation certificate and evidence of a physical cut in cables and pipework (i.e., photos showing an 'air gap'). For former gas supplies, the Principal Contractor shall provide evidence that all pipework has been purged.
Asbestos Survey	A refurbishment and demolition asbestos survey has been undertaken by Shropshire Asbestos Services in March 2021. A copy of this survey report is to be held on site. An overview of asbestos containing materials located within the buildings to be demolished is located within Section 1.6.
Known Traffic Restrictions / routes to site.	The surrounding highway network is not restrictive in height or width with regard to the delivery of plant and equipment.
Parking on Site	All vehicles belonging to site operatives and those of site visitors shall be parked within the Site Compound. Within the parking areas of the site compound, all vehicles shall reverse park.
Demolition Route Plan	See appended demolition route plan.

1.3 Photographs of Site and Buildings to be Demolished



Photograph 1: Building B9



Photograph 2: Building B11 (Side elevation inset)



Photograph 3: Multistory Car Park to be demolished



Photograph 4: Below ground tank to be removed

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1.4 Sequence of Tasks (RAMS Reference)

-	1. Site Inductions (induct all operatives and subcontractors to the Demolition Plan, Site-Specific Risk Assessments and Method Statements etc.).
CDL143.1MS	2. Site Establishment (installation of site compound including welfare) 3. Site Establishment (installation of heras fencing to demolition zones and to perimeter of site pond)
	4. General Site Clearance (removal of all wastes, bike sheds, bollards, fences, lighting columns etc. from external areas)
CDL143.2MS	5. Initial Ground Works (removal of block paving)
CDL143.3MS	6. Asbestos Removal Works (removal of non-notifiable asbestos containing materials)
CDL143.4MS (B9,B10,B11)	7. Soft Stripping (manual soft strip of Building B9) 8. Soft Stripping (manual soft strip of Building B10) 9. Soft Stripping (manual soft strip of Building B11)
CDL143.5MS (B9,B10,B11, Carpark)	10. Demolition Works (Demolition of former Multistorey Car Park to Slab Level) 11. Demolition Works (Demolition of Building B9 to Slab Level) 12. Demolition Works (Demolition of Building B10 to Slab Level) 13. Demolition Works (Demolition of Building B11 to Slab Level)
CDL143.2MS	14. Ground Works (excavate to remove ground slab, footings and foundations)
CDL143.8MS	15. Ground Works (removal of below ground tanks)
CDL143.6MS	16. Post Demolition (Processing of arisings and crushing of clean brickwork and concrete materials to 6F2)
	17. Post Demolition (Removal of deleterious arisings from site)
CDL143.8MS	Refuelling

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1.5 Programme of Works

16 Weeks (programme will be submitted as a separate document)

1.6 R&D Survey Report

A refurbishment and demolition asbestos survey has been undertaken by Shropshire Asbestos Services in March 2021.

A copy of this survey report is to be held on site.

The survey has identified that gaskets to the pipework throughout Buildings B9, B10 and B11 contain asbestos and shall be removed under controlled conditions.

A separate Plan of Works shall be submitted to cover this task specific item.

2. Health and Safety Arrangements

2.1 Welfare Facilities / Arrangements

The Principal Contractor shall be responsible for setting up a site welfare compound within the confines of the site boundary. The site compound shall be segregated from the working areas by fencing and shall have formalised access and egress points to control the movement of pedestrians to and from the compound into the working areas of the site.

The proposed location of the site compound is indicated upon the drawing attached to the method statement outlining the site set up.

Within the site compound, welfare arrangements are to be provided in compliance with the Construction (Design and Management) Regulations 2015.

Suitable and sufficient rest facilities will be provided by the Principal Contractor and the rest area provided will be of sufficient size to accommodate for the number of workers likely to use them at any one time.

The Site Manager is to ensure that the designated area is not utilised for the storage of construction materials, as the risk of cross contamination of food may occur. An adequate supply of wholesome drinking water shall be provided along with means of heating water (kettle), and means of heating food (microwave) for construction personnel.

Collins propose to install bunker bins within the site compound for use by operatives working at the site for the duration of the Contract Works.

FACILITY	PROVIDED BY COLLINS	PROVIDED BY CLIENT / OTHER	FREQUENCY TO BE CLEANED / CHECKED
Office Unit	YES	YES	Daily
Canteen	NO	YES	Daily
Changing Rooms	NO	YES	Daily
Drying Rooms	NO	YES	Daily
Toilets	NO	YES	Daily
Hot / Cold Water	NO	YES	Daily
Bunker Bins	YES	NO	Daily

2.2 Access / Egress Arrangements

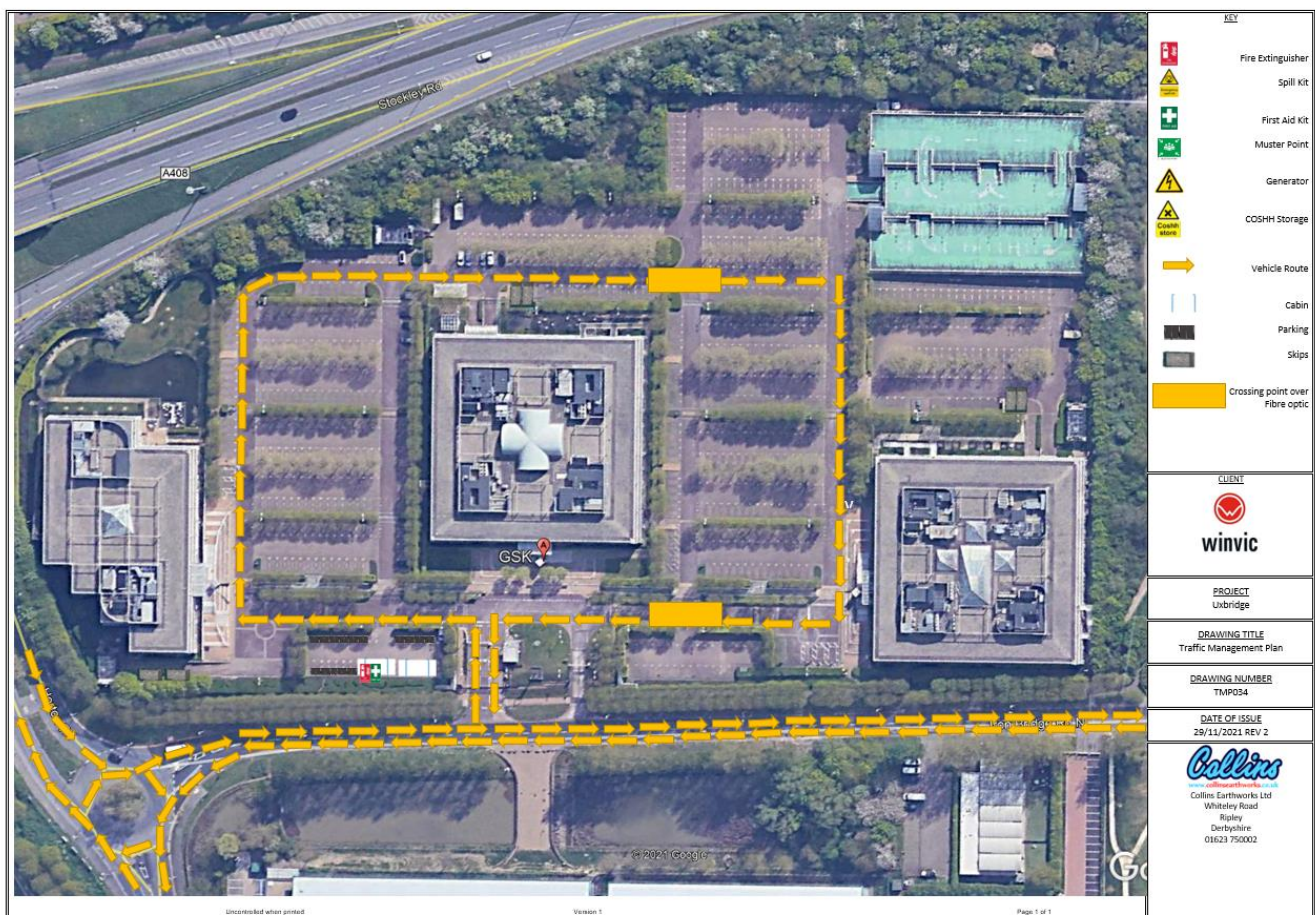
The site is readily accessible via an existing pair of vehicular gates located on the sites western boundary elevation as shown below.



2.3 TMP/ Pedestrian Routes Plan

A one-way traffic system shall be installed within the site as shown upon Traffic Management Plan (Drawing Number TMP 034).

Welfare hubs, including toilets and drinking facilities will be situated throughout the site boundary. The location of these hubs will be agreed with the Principal Contractor prior to the works commencing.



2.4 Fire / First Aid / Emergency Arrangements

The emergency arrangements for this site will be explained to inductees as part of the site induction, and details posted on the Site Safety Notice board.

This site will have a dedicated First Aider(s) and Fire Warden.

Adequate First Aid facilities will be available on site.

Adequate Fire Extinguishers will be available on site.

A site emergency can be one or more of the following: fire, accident, bomb threat or any other incident deemed an emergency by management.

In the event of a fire emergency all operatives are required to proceed immediately to the Fire Assembly Point and remain there until they have been accounted for and given permission to leave. No one is allowed to stop to gather tools or leave the site without notice. Any visitors to site will be accompanied at all times and informed of the emergency procedure.

In the event of any of the emergency services being required to attend site, the Site Manager must make available the layout of the building with current fire escape routes and details of any flammable chemicals stored on site.

Maintain clear access for emergency personnel.

Emergency contacts and details will be posted on the Site Safety Notice Board.

A designated Site Fire Warden will be responsible for carrying out a Fire Risk Assessment and monitor the site for compliance on an ongoing basis.

2.5 Existing Underground Services Information Pack (HSG47)

Service / Provider	Information Services and Notes on Services
Electricity	Collins understands that each of the buildings to be demolished are fed individually by 3 No. substations located within the site boundary. Electrical feeds to each of the buildings to be demolished shall be isolated back to the individual substations by the Principal Contractor. Hold Point: Prior to works commencing, the Principal Contractor shall issue a permit to work referencing an isolation certificate and asset record plans. The isolation certificate shall provide evidence of the isolation works undertaken to buildings electrical supply. This should comprise of evidence of a physical cut in cables (i.e., photos showing an 'air gap').
Water	The Principal Contractor shall provide an adequate water supply for use in the provision of welfare and dust suppression.
Gas	Collins understands that the buildings were formerly supplied with a gas supply which shall be isolated back to the site boundary by the Principal Contractor. Hold Point: Prior to works commencing, the Principal Contractor shall issue a permit to work referencing an isolation certificate and asset record plans. The isolation certificate shall provide evidence of the isolation works undertaken to buildings gas supply. This should comprise of evidence of a physical cut in pipework (i.e., photos showing an 'air gap'). In addition, the Principal Contractor shall provide evidence that all pipework has been purged.
Telecommunications	The Principal Contractor shall be responsible for providing all isolation works to any communication supplies to the buildings to be demolished. Hold Point: Prior to works commencing, the Principal Contractor shall issue a permit to work referencing an isolation certificate and asset record plans. The isolation certificate shall provide evidence of the isolation works undertaken to buildings former communications supplies, including phone, internet and fibre optics. This should comprise of evidence of a physical cut made outside of the site footprint to prevent demolition activities affecting 3rd party infrastructure outside of the site footprint. There is a Fibre Optic Plan proposed and agreed for the protection of a potentially live Optic Cable running through the site.
Cable TV	N/a
Drainage	Prior to any works commencing, the Principal Contractor shall issue a permit to work which references existing drainage plans.

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Other	Fibre Optic Cable running through site. Fencing to be erected around and crossing points established. See CDL143.1_MS TMP034 & TMP034.1
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Drawings and/or information referenced in the above will be available for inspection on request within the site offices of the Principal Contractor.

The drawings are issued as part of the Pre-construction information by the Client to the Principal Contractor. The information is then issued to Collins Demolition for record.

The location of existing services will initially be determined from the Client's site records and statutory authority records which form part of the Pre-construction information. However, in accordance with our HSEQ procedures, we will carry out a survey using tracing equipment to determine and mark the location of any underground (and / or exposed) services before carrying out any excavation works.

All 'break ground works' will be carried out under a Principal Contractor Permit to Dig / Break Ground and in accordance with HSG 47 "Avoiding Danger from Underground Services", together with the requirements of the current "New Roads and Street Works Act 1991" (where applicable).

Copies of all permits will be retained by Collins in the Site File.

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2.6 Existing Overhead Power Lines Information Pack (OHPL GS6)

Service / Provider	Information Services and Notes on Services
Electricity	A visit undertaken at the site did not highlight any overhead cables supplying electricity.
Telecommunications	A visit undertaken at the site did not highlight any overhead cables with regard to the provision of communications.
Other	N/a

Drawings and/or information referenced in the above are available for inspection on request within the site offices.

Before carrying out any physical works, all overhead services will be highlighted and protected.

All work will be carried out in accordance with GS6 "Avoiding Danger from Overhead Power Lines" and under a Permit to Work issued by the Principal Contractor.

2.7 Plant / Machinery

Only qualified operatives will be allowed to operate plant and machinery. Training certificates are required and must be handed to the Site Manager prior to commencement on site.

All operation certification for plant equipment and lifting appliances must be evidenced prior to that activity being allowed to commence on site. Hired equipment must be tagged and inspected.

All plant involved in lifting operations on site must have current valid lifting certification as detailed in the Lifting Operations & Lifting Regulations, copies of the certification and current weekly inspections will be held in the Site Safety Records folder.

All plant certifications will be forwarded to Principal Contractor's Site Project Manager prior to works commencing. They will provide a plant sticker to authorise the plant to work prior to works starting.

All mechanical plant must be in good working order in accordance with the PUWER 1998 Regulations.

Daily inspections must be carried out by the operator and recorded on the daily inspection check sheets, which must be available for inspection with the equipment.

All defects must be reported to the site manager immediately and plant with 'safety-critical' defects to be taken out of service.

Reversing is to be always kept to an absolute minimum. If reversing can't be avoided a vehicle marshal or banks person may be required.

Thumbs up initiative to be followed.

Only approved routes to be utilised.

2.8 Housekeeping

It will be important to ensure that work areas are kept clear and are kept in a tidy condition.

Planning will take place to ensure access routes stay clear.

There will be briefings at the beginning of the shift to explain to operatives what materials will be used and where they are located. Any unused materials will be cleared away at the end of the shift.

The site supervisor will ensure that the work areas are left in tidy state. Random site inspections will be carried out regularly by other members of the project team.

When possible, tools, plants and materials will be removed from the work area at the end of the shift and the work areas will be secured.

Routes will be kept clear for deliveries, material disposal or movement all throughout the shift.

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2.9 Security

The Principal Contractor shall be responsible for ensuring that the site perimeter fencing is in place and is adequately secured to prevent unauthorised access to the demolition site.

The Principal Contractor shall provide signage to the boundary fencing identifying the project site as a construction site. The signage will incorporate the company logo, the required minimum PPE, emergency contact details and the prohibition of unauthorised persons and contact details.

Access and Egress to the demolition site will be controlled by the existing vehicular access point located on the sites western site boundary. Security / Gateman to be provided by Principal Contractor.

Within the confines of the site boundary, Collins will ensure that no unauthorised persons can enter any part of the demolition working area by erecting exclusion zones. This will consist of heras fencing and signage advising of ongoing demolition works.

To reduce the impact of dust, debris netting will be affixed to all heras fencing panels erected to the perimeter of any working areas.

2.10 PPE

Collins will ensure that personal protective equipment is supplied and used by all its employees whilst at work.

Collins will make sure that the risks are properly assessed before use to ensure it is suitable, it is maintained and stored properly.

PPE is provided with instruction on how to use it safely and is used correctly by employees which will be achieved through employee training.

Collins will be implementing 5-point PPE as a minimum standard on site. Other Task Specific PPE may be required as identified within risk assessment:

Item	Standard	Replacement Period	Inspection Requirements
Safety Footwear	BS EN 20345	Condemned	Prior to use each day
Safety Helmet	BS EN 397	5 years, or following impact, or when condemned	Prior to use each day
High Visibility Waistcoat (HI-Viz)	BS EN 471	Condemned	Prior to use each day
Eye Protection (LEP) – safety glasses	EN 166 Appropriate to the task	Condemned	Prior to use each day
Gloves suitable for the activity, considering dexterity and level of protection.	BS 1651	Condemned	Prior to use each day
Dust Mask suitable for the activity, considering the level of protection required.	BS EN 149 FFP3	As and when required	Prior to use each day

2.11 Training

The Collins Site Manager will hold a CCDO Black Card.

The Collins Supervisor will hold a CCDO Gold Card and shall undertake the role of Temporary Works Supervisor for the duration of the works.

All Labourers will hold CCDO Green Cards.

The site management team will ensure that all Collins employees understand the contents of this Method Statement and associated Risk Assessments with a signed briefing register to confirm this.

All operatives are to be trained and be competent for their duty.

All operatives must undertake a site induction prior to commencing works and subsequently briefed on work specific risk assessments and method of works. The Online Winvic induction must be undertaken before attending site. Once on site the unique induction number will be presented at the site specific induction carried out on site.

Only trained and competent personnel to operate plant and machinery.

CPCS cards or NPORS with CSCS accreditation for all plant operators.

Collins shall provide a fully trained First Aider who will always be present on site.

Collins shall provide a fully trained Fire Marshall who will always be present on site.

For task specific activities and where applicable, Collins shall provide a fully trained Banksman to supervise vehicle movements.

2.12 Permits

The Principal Contractor must provide a Permit to the Collins Site Manager for activities such as the breaking of ground, hot works, confined spaces entry and any works around electrical systems.

The Principal Contractor is responsible for investigating and marking up any services traversing and/or relevant to the site. When being issued a permit, a representative of the Principal Contractor is to walk the area with the Collins site manager highlighting key points of the permit. Any permit issued to break ground must consist of a service drawing.

Collins Site manager will request a copy of the utility survey report for reference.

All operatives working in the area are to be briefed on the permit, sign up to it and retain a copy of the permit in their cab.

Collins Site Manager will ensure that NO works will commence until they have obtained signatures from all operatives undertaking the works.

Principal Contractor will issue a permit to work and if required hot works permit will be used on this project, a 1-hour fire watch will be in place after any hot works have been completed.

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2.12 Temporary Works Arrangements

The Principal Contractor shall appoint a Temporary Works Coordinator to Coordinate all temporary works undertaken during the soft stripping and demolition works.

Collins will provide a Temporary Works Supervisor (The Site Manager) who shall be appointed in writing by the Temporary Works Coordinator appointed by the Principal Contractor.

Collins will keep a record of all temporary works undertaken at the site and the temporary works register will be supplied to the Temporary Works Coordinator.

Temporary works to be undertaken during these contract works include erection of fencing to the site compound, exclusion zones and drop zones.

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3. Environmental Considerations

3.1 Waste and Material Management

All waste will be managed in accordance with the principles of waste hierarchy.

Where possible, materials will be reused or recycled.

No waste will be allowed to leave site until a Waste Transfer Note, or a Consignment Note for Hazardous Waste has been completed.

Waste will be segregated where possible, skips will be provided by Collins Demolition.

All waste movements to be pre-agreed with Principal Contractor.

3.2 Asbestos Management

On discovery or disturbance of ACM's or any other suspicious material, the following procedure must be followed:

- Stop work and isolate area.
- Inform others locally not to further disturb the material.
- Where appropriate, seal and cordon off the area and post appropriate warning signage.
- Where appropriate, follow decontamination procedures as per the emergency procedures in the plan of work.
- Inform the senior person on site who will assess the situation and call for advice and assistance where appropriate.
- Do not return to task until the area is given the all clear and you are instructed to do so.

The work area must be quarantined (with measures being taken to ensure that there is no further contamination) until such time as the material has been analysed to establish its nature and appropriate remedial action is taken.

All work must be carried out in accordance with the Control of Asbestos Regulations and may require a licensed contractor to undertake it.

The R&D Survey has identified Gaskets within the structures in Pipe Flanges. The Flanges identified will be cut out, either side of the flange using a Demolition Rig fitted with a Scrap Shear so as no asbestos will be disturbed. The Removed complete flange will then be disposed of as Asbestos Waste.

3.3 Dust Management

The Principal Contractor is to provide an adequate water supply to allow for dust suppression during the demolition works.

DUST CONTROL / PREVENTION (NON-ASBESTOS DUST)

The creation of dust shall be kept to a minimum by adopting a dust suppressive method of demolition.

The main objectives are to both minimise the production of dust by controlled demolition methods and suppress any dust that is generated at source.

All these points have been considered and counter measures are to be implemented as highlighted below.

- By using sympathetic demolition / dismantling technique;
- Pre dampening;
- Water / Atomizer suppression;
- Debris netting to site boundaries and exclusion zones, where deemed necessary; and
- Monitoring of prevailing weather conditions

Pre-Dampening

Before commencing the demolition works, the areas of the structure to be demolished will be wetted using a form of water suppressant equipment / plant. This will help to reduce the amount of airborne dust being emitted from the structure during the demolition process.

Though pre-dampening is effective, it does not completely eliminate dust emissions so pre dampening shall be used in conjunction with other dust suppression techniques as detailed below.

Sympathetic Demolition

The sequencing of the demolition works and the method of demolition for each structure can be an effective way to reduce dust emissions.

For example, by using precision attachments for the D-Rig, the building can be reduced systematically in height and horizontally in a controlled manner and in a section-by-section basis. Using this technique, over 'flattening' the building shall reduce the emissions of dust from the ongoing demolition works.

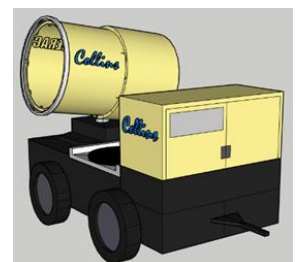
To increase the effectiveness of this method, the buildings shall be demolished within their own footprint and this allows the dust to remain within the structure rather than being spread out over site.

Any building elevations adjacent to roads shall be left in situ until last to provide a barrier to windblown dust and debris.

Water Cannon / Atomiser / Jet Wash Bowser

Implementing a water based powered suppression unit can further reduce the impact of dust emissions by intercepting air borne dust emissions and providing additional dampening to working areas.

In combination with the techniques outlined above, aiming a powered water suppressing machine at the demolition works can help trap the dust from escaping into and out of site.



Debris Netting

All demolition works shall be undertaken in a segregated exclusion zone delineated by heras fencing.

This fencing shall prevent unauthorised pedestrian access to the working areas but shall also provide additional dust mitigation by means of debris netting affixed to the heras fence panels.

Where applicable (i.e., where demolition works are in close proximity to the site boundary), debris netting shall be affixed to the inside of the sites existing boundary fencing.

Wind & Weather Monitoring

The site manager can help reduce dust emissions by monitoring the wind and weather conditions for the site. The weather conditions are to be logged in the Site Dairy.

By monitoring the prevailing weather conditions, the site manager can make decisions on what demolition techniques shall be used and adjust the positioning of plant and equipment accordingly.

On dry days, the site manager will know that more water suppression will be required and on windy days, the site manager can position the water suppression units in locations to prevent the dust emissions spreading into and out of the site.

The weather conditions will be monitored daily and the site manager will inform the site staff and visitors how the weather conditions may affect the work or techniques used.

ENVIRONMENTAL HOLD POINT

Confirmation that all enough dust suppression is in place for the works to go ahead

SITE SUPERVISOR/ MANAGER	SIGNATURE	DATE

3.4 Noise Management

Plant and equipment cabs designed to minimise the amount of noise exposure to the operator.

The Principal Contractor is responsible for identifying local noise-sensitive properties and supply them with advance warning including a contact number for registering complaints during works.

The Principal Contractor is responsible for assessment potential noise impacts and select noise control measures in accordance with British Standard BS5228 and the technical advice above.

3.5 Hand Arm Vibration Management

- Hand arm vibration syndrome is a widespread industrial disease affecting many workers. The most common form of Hand Arm vibration Syndrome is Vibration White Finger.
- HAV assessment will be carried out prior to use of the equipment and a register of use documented.
- Where possible, to avoid exposure to HAV, mechanical means will be adopted.
- If during your work you use handheld power tools or other sources of vibration, then you may develop the condition.
- Works will be carried out using low vibration output. Equipment will be checked for good condition. Exposure will be reduced by task sharing to minimize individual exposure. Anti-vibration gloves will be provided for additional protection. Toolbox talks will be carried out to ensure all personnel are aware of the need for protection and prevention of exposure.
-

3.6 Emissions

All our Plant and Vehicles are low emission equipment with tier 4-6 power plants. The use of AdBlue (a solution of Water (H₂O) and Urea (CH₄N₂O)) helps reduce our emissions by breaking down the harmful mono-nitrogen oxides (NO_x) in the diesel exhausts.

Good Working practice of turning off machinery when not in use combined with smart technology designed to improve fuel efficiency built into the Volvo Excavators helps to reduce the Carbon Emissions produced on site by preventing excessive combustion of fuel whilst the plant is not in use.

3.7 Pollution Incident Management

The following sets should be carried out when suspected contamination is found:

- All site works at the position of the suspected contamination should stop.
- Site Personnel to inform the Site Manager.
- Visual observations of the condition of the ground and the extent of contamination should be made and notification shall be given to the principal contractor.
- If the contamination is likely to affect controlled waters the Environment Agency shall be informed.
- Investigation works shall commence to recover samples for testing and, using visual observations of the condition of the ground, delineate the area over which contaminated materials are present.
- Should it be deemed appropriate, the affected material may be excavated and placed in a stockpile on a quarantine area.
- A photographic recorded should also be made of relevant observations.

3.8 COSHH Arrangements

All COSHH materials shall be stored on site within a lockable container away from the main site compound.

COSHH Assessments for site:

- Natural Aggregates (COSHH 001)
- Brick and Block (COSHH 003)
- Crushed Concrete (COSHH 005)
- DIESEL (COSHH 008)
- Unleaded Petrol (COSHH 014)
- Aspen 2-stroke oil (COSHH 015)
- Air, compressed (COSHH 016)
- Concrete Dust (COSHH 017)
- Fairy Professional – Original (COSHH 019)
- Antifreeze Concentrate 82000 (COSHH 020)
- EP2 Grease (s) (COSHH 021)
- AdBlue (COSHH 022)
- Liquid Oxygen (COSHH 024)
- Pigeon Guano (COSHH 027)
- Propane (COSHH 028)
- Screen wash (COSHH 029)
- Rockwool Insulation (COSHH 033)
- Gyproc Wallboard (COSHH 034)
- Fibre Glass (COSHH 035)

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• Coolant VCS ready mixed mix 40/60 (COSHH 037) • Hydraulic Oil Volvo (COSHH 038) • Part synthetic engine oil (COSHH 039)

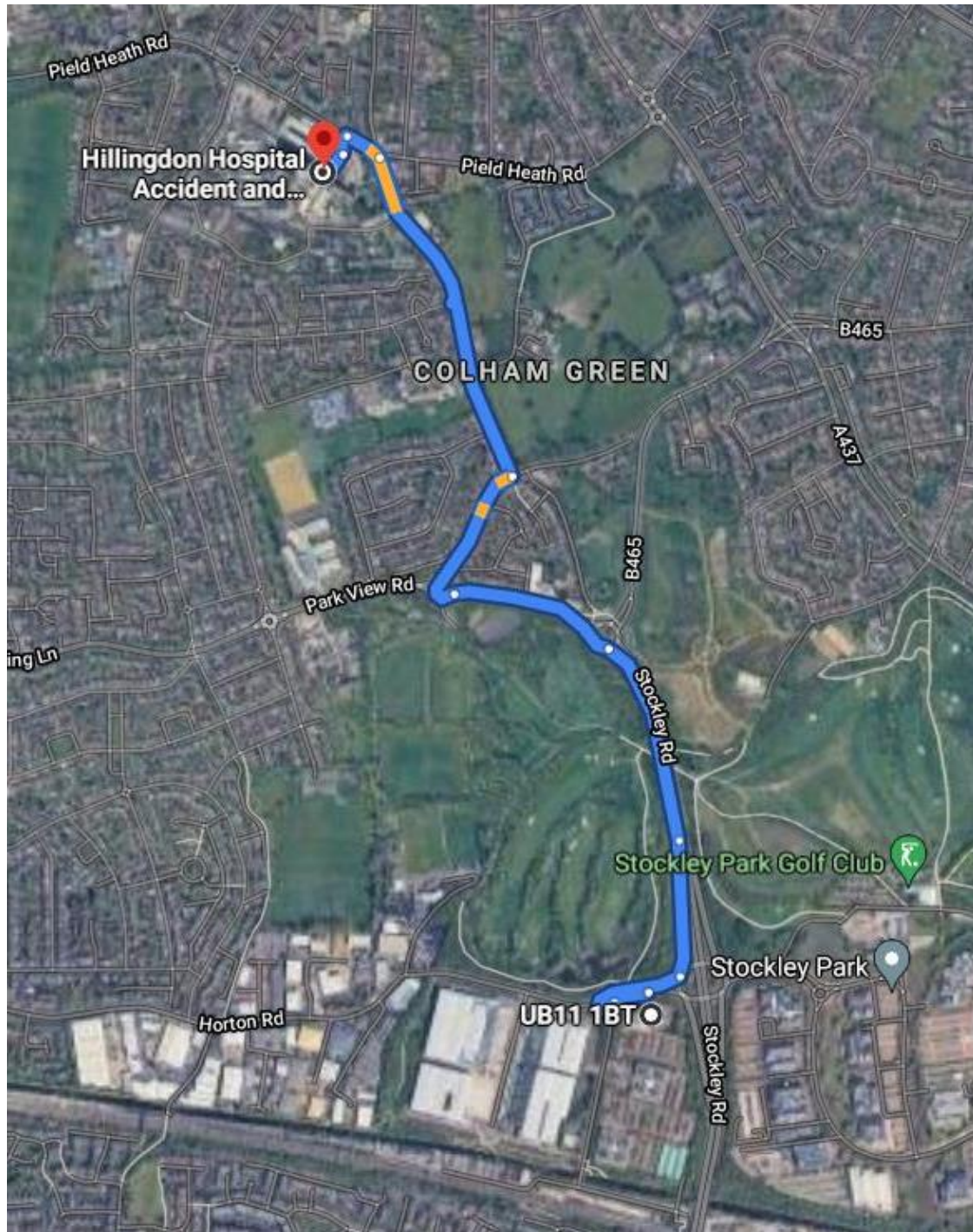
3.9 Oxy-Propane / LPG Cylinder Storage
Collins shall store all propane cylinders away from the main site compound in a lockable storage container/ cage.

4. Emergency Arrangements

4.1 Hospital Information

The nearest 24hr Accident & Emergency is: Hillingdon Hospital Accident and Emergency Dept.

Main Building, Hillingdon Hospital, Pield Heath Rd, Uxbridge UB8 3NN.



5 min (1.5 miles)



via Stockley Rd/A408 and Colham Green Rd

Fastest route, lighter traffic than usual

UB11 1BT

Uxbridge

- ▼ Take Horton Rd and Stockley Rd/A408 to Park View Rd

2 min (0.8 mi)

- ↑ Head west on Horton Rd

226 ft

- 📍 At the roundabout, take the 3rd exit and stay on Horton Rd

0.1 mi

- 📍 At the roundabout, take the 1st exit onto the A408 slip road to Uxbridge

0.2 mi

- 🚶 Merge onto Stockley Rd/A408

0.2 mi

- 📍 At the roundabout, take the 1st exit and stay on Stockley Rd/A408

0.2 mi

- ▼ Take Colham Green Rd to Pield Heath Rd in Uxbridge

2 min (0.6 mi)

- 📍 At the roundabout, take the 3rd exit onto Park View Rd

0.2 mi

- ↩ Turn left onto Colham Green Rd
📍 Go through 1 roundabout

0.4 mi

- 📍 At the roundabout, take the 1st exit onto Pield Heath Rd

16 s (249 ft)

- ▼ Drive to your destination

40 s (302 ft)

- ↩ Turn left

125 ft

- ↪ Turn right

📍 Destination will be on the left

177 ft

Hillingdon Hospital Accident and Emergency Dept

Main Building, Hillingdon Hospital, Pield Heath Rd, Uxbridge UB8 3NN

4.2 Accident Reporting Procedure

All accidents, incidents, near misses and close calls are to be reported to Collins Site Management team and the Principal Contractor immediately following the occurrence.

The details will be required to be documented on MY Compliance and reported to the Collins HSEQ Department.

4.3 Fire Plan

Collins Demolition will adhere to the requirements of the Principal Contractor and this will be communicated at the PC's Site Induction.

In the event of a fire, all Collins operatives shall follow the sites emergency plan as per the PC's site induction.

Emergency Plans and Fire Marshall/Warden details will be on display in the office / canteen notice boards.

Fire Extinguishers (CO2, Powder, Foam) will be located in locations as identified within the Fire Plan (compound area, welfare cabins, refuelling areas).

In addition, Collins shall install a fire point on each floor of the buildings being soft stripped for the duration of the stripping works. The fire point shall contain 2 No. fire extinguishers and a klaxon such that the alarm may be raised in times of emergency.

If you are unsure ASK.

4.4 Fire Risk Assessment

Collins Demolition will adhere to the requirements of the Principal Contractor.

This will be communicated at the PC Site Induction.

In conjunction with section 4.3 Fire Plan, a site-specific Fire Risk Assessment will be completed by a competent person at the point of works following mobilisation.

This will take into account the compound area, welfare cabins, refuelling area and the location of the works.

4.5 Evacuation Procedure

In the event of an emergency, all Collins operatives shall follow the sites emergency plan as per the PC's site induction and proceed to the Muster Point designated by the Principal Contractor.

During soft stripping works, operatives shall use the main exit routes in and out of the buildings unless directed otherwise by the Principal Contractor.

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4.6 First Aid Arrangements

First Aid Facilities will be identified in the site induction and with green first aid stickers fixed to the safety helmets.

First Aiders Poster with contact details will be displayed within the site welfare area.

Collins Site First Aider: Chris Lythgoe

4.7 Emergency Contact Details

Accidents & Incidents reported immediately to		Site Management	
Site Medical Emergency Arrangements		Telephone 999 or 101	
Site Accident & Emergency Arrangements		The nearest 24hr Accident & Emergency is: Hillingdon Hospital Accident and Emergency Dept. Main Building, Hillingdon Hospital, Pield Heath Rd, Uxbridge UB8 3NN	
First Aiders	1. Chris Lythgoe	2.	3.
Site Fire Emergency Arrangements			
Fire Wardens	1. Chris Lythgoe	2.	3.
Site Environmental Emergency Arrangements		Telephone:	

4.8 Supervision and Works Management

The Collins Site Manager will hold a CCDO Black Card.

The Collins Supervisor will hold a CCDO Gold Card and will also undertake the role of Temporary Works Supervisor.

The site management team will ensure that all Collins employees understand the contents of this Method Statement and associated Risk Assessments with a signed briefing register to confirm this.

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5. Appendices

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H&S Document Type	Method Statement, Risk & COSHH Assessments
Subject of Briefing	Demolition Plan, GSK Demolition
Document Reference Number	CDL143MS & Appendices REV3
Person(s) Conducting Briefing	

[illegible]

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Completion of the Works				
Inspection & Approval Upon completion, the works shall be submitted for inspection by these responsible persons to verify satisfactory completion. Any defects or omissions shall be re-worked until approved by the responsible person.	<i>Supervisor</i>	<i>Site Manager</i>	<i>Client</i>	<i>Other</i>
	Details: The site manager shall inspect the works to ensure they have been completed satisfactory.			
Record Documentation Upon satisfactory completion of the works, the following record documentation shall be issued. The PC (Main Contractor) shall retain all such record documentation for handover to the Client upon completion of the project.	<i>Certificate</i> ☐	<i>Recorded Dwg(s)</i> ☐	<i>Photo(s)</i> ☐	<i>Other</i> ☐
	Details: All lorries carrying material off-site shall provide the relevant consignment note. Each load shall be recorded on site by the PC site manager in a waste materials & recovery log.			
Inspection & Approval (Signing off – Completed Works)				
Collins Demolition Ltd Site Supervisor / Manager				
(Print name)				
(Signed)			(Date)	
Client's Representative				
(Print name)				
(Signed)			(Date)	
Contract Administrator				
(Print name)				
(Signed)			(Date)	
Other				
(Print name)				
(Signed)			(Date)	
The signing off of the above works indicates that ALL works are complete to the satisfaction of the clients appointed representative and have been carried out in accordance with the contract of works.				

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5.2 Risk Assessment Templates / Register		Applicable
RA#001	Bulk Earthworks	☐
RA#002	Movement of Plant & Pedestrians on Site	☒
RA#003	Refuelling of Plant & Equipment	☒
RA#004	Crusher Operation	☒
RA#005	Stabilisation Operation	☐
RA#006	Greenburner Operation	☐
RA#007	Excavating Trial Holes	☐
RA#008	Removal of Asbestos Containing Materials	☒
RA#009	Trainee Programme	☐
RA#010	Construction of the Site Compound	☒
RA#011	Breaking out Concrete	☒
RA#012	Earthworks & Plant	☒
RA#013	Lifting Operations	☒
RA#014	Plant & Equipment	☒
RA#015	Tractor & Cement Mixer	☐
RA#016	Silo Use & Operation	☐
RA#017	COVID-19 Sites	☒
RA#018	Gas Cutting (oxy-propane)	☒
RA#019	Use of hand tools	☒
RA#021	MEWP operations	☒
RA#022	Podiums	☒
RA#023	General Demolition	☒
RA#024	Removal of ACM	☒
RA#025	Soft strip	☒
RA#026	Demolishing masonry walls	☐
RA#027	Powered Jet Wash	☐
RA#028	PUWER master	☐
RA#029	Breaking out Concrete Hand Breakers	☐
RA#030	Breaking out Concrete Rugby Radio Main Building	☐
RA#031	Gas Mains Crossing HS2	☐
RA#032	COVID-19 Offices Ripley	☐
RA#033	COVID-19 Offices Kirkby	☐
RA#034	Fencing	☒
RA#035	Abrasive Wheels	☐
RA#036	Drone Take Off & Landing	☐
RA#037	Construction of the stabilisation test area	☐
RA#038	Diamond road sawing	☐
RA#039	Bitumen Works	☐
RA#040	Line Marking	☐
RA#041	Excavation Installation of Drainage	☐
RA#042	Use of Power Tools	☒
RA#043	Concrete Laying	☐

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5.3 Daily Activity Briefing Sheets (Sample)

The site supervisor shall undertake a Daily Activity Briefing Sheet (DABS) prior to commencing works. An example of the DAB Sheet is included below.

Task/Activity Details

No.	Supervisors Feedback	Yes	No
1.	Have you brought your team together at their workplace?		
2.	Is every member of your work team fit for work?		
3.	Have you briefed your work team on risks and method statements?		
4.	Are you happy your team understands approved work methods?		
5.	Have you briefed your team on changes to the work or work areas?		
6.	Have you discussed any additional risks associated with changes?		
7.	Is there anyone nearby that could affect your safety or be affected by you?		
8.	Could the weather today affect your safety and have you discussed it with your team?		
9.	Were there any problems arising from your work yesterday?		
10.	Does everyone have all they need to carry out their jobs safely?		
11.	Is all your work equipment in a good condition?		
12.	Has your team any feedback on proposed work methods?		
13.	If there is any work at height, are safe access methods agreed?		
14.	Do your team feel they can complete their work today safely?		
15.	Have you carried out a check of the work area for hazardous materials prior to starting work?		
16.	Are all hazardous materials being stored correctly within your work area?		

Comments

Supervisors Declaration
Name: Signature: Date:

Task/Activity Acknowledgement

The employees detailed below have signed to confirm that they:

- Have received a briefing from their supervisor regarding the task/activity on the front page.
- Understand the requirements of this task/activity.
- Shall work to the requirements of this task/activity and any control measures identified.
- Will notify their supervisor, should any abnormalities or areas of concern regarding the works.
- The supervisor and operatives have been issued with all required PPE/RPE to carry out the works.

Full Name	Signature	Date

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5.4 TBT (Index)

Talk	Date	Date	Date	Date
Accident Prevention				
Drugs & Alcohol				
Live Services awaiting Termination and/or Disconnection				
COSHH				
Dust Generated through Work Practices				
Fire Precautions and Extinguishers				
Compressed Gas Cylinders – Specifically Oxygen				
Compressed Gas Cylinders – Specifically Propane				
Dermatitis				
Hand Arm Vibration Syndrome (HAVS)				
Banksman / Traffic Marshal				
Manual Handling				
Use of Demolition Attachments – including Change of Attachments				
Exclusion Zones				

Talk	Date	Date	Date	Date
Working with or off Scaffolding – Tube & Fitting				
Working with or off Tower Scaffolding				
Abrasive Wheels				
Personal Protective Equipment				
Weil's Disease & Leptospirosis				
Slips, Trips & Low Falls				

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5.5 Covid-19 Standard Operation Procedure

All works shall be undertaken to the CLC’s Standard Operating Procedures version 7 dated 07.01.2021.

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5.6 Temporary Works

Date of inspection	Description of temporary works and means of identification / location	Result of inspection	Next inspection due	Signed
	Heras fencing around perimeter of site			