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Demolition and Construction Method Statement

Proposed dwelling, Carr Stone Villa, Main Street, Low Hauxley, Northumberland, NE65 0JS
Planning application ref: 23/00403/FUL

By: John McAulay (Director)

Date: 12/09/23

Project Information

Site address:

Carr Stone Villa, Main Street, Low Hauxley, Northumberland, NE65 0JS

Date of works: TBA

Description of activity

Demolition of existing dwelling and outbuilding and erection of two-storey timber framed dwelling onto reinforced concrete raft slab foundation with associated hard and soft landscaping.

Involves:

- Demolition works
- Off-site fabrication of timber panels
- Groundworks
- On-site erection of timber panels, cladding, roofing, and fitout
- External hard and soft landscaping

Working hours on site: 8am – 5pm Monday – Friday

Site access hours: 7:30am – 5:30pm Monday - Friday

Scope of this method statement

This method statement outlines the proposed provision on site in relation to management of materials and vehicles during construction to confirm the requirements as requested by condition no. 4 of the planning permission (ref. above) as follows:

4 *Demolition and Construction Method Statement (not including plan)*

Development shall not commence until a Demolition and Construction Method Statement has been submitted to and approved in writing by the Local Planning Authority. The approved Demolition and Construction Method Statement shall be adhered to throughout the demolition and construction period. The Demolition and Construction Method Statement shall, where applicable, provide for:

- i. vehicle cleaning facilities;*
- ii. the parking of vehicles of site operatives and visitors;*
- iii. the loading and unloading of plant and materials;*
- iv. storage of plant and materials used in constructing the development.*

Reason: To prevent nuisance in the interests of residential amenity and highway safety, in accordance with the National Planning Policy Framework and Policy TRA2 of the Northumberland Local Plan.

Site details

Supervision and personnel

Site team:

Supervisor + 3-4 site team - personnel TBC on start on site

GRS contacts:

- Ross Blenkinsop – 07590 323162 – main contact for GRS during site works
- John McAulay – 07955 396979 (occasional)
- Marc Horn – 07887 762196 (occasional)
- Laura Horn – 07796 346894 (occasional)

Other labour/sub-contractors expected during the works – all to be supervised on site by the above:

- Labourer/assistant joiner
- Groundworker/labourer
- Scaffolders
- Craneage supplier
- Electrician
- Plumbing
- Fit-out contractors

Training

All operatives are adequately trained, and hold required accreditation (where applicable) to carry out required tasks.

Relevant Legislation

- Health and Safety Work Act 1974
- The Management of Health and Safety at Work Regulations 2006
- Workplace (Health, Safety and Welfare) Regulations 1992

- The Control of Asbestos Regulations 2012
- Provision and Use of Work Equipment Regulations (PUWER) 1998
- Control of Substances Hazardous to Health Regulations 2002
- The Work at Height Regulations 2005
- The Personal Protective Equipment at Work Regulations 2002
- The Manual Handling Operations Regulations 1992
- The Construction (Design and Management) Regulations 2015
- Electricity at Work Regulations 1989
- The Pressure Systems Safety Regulations 2000
- Pressure Equipment Regulations 1999 (SI 1999/2001)

Methodology - general

Operational Sequence

Refer to site setup drawing.

The site will be set up as shown to ensure that removal of materials and storage of new items do not restrict access or egress to the site.

Materials

All materials as required to be delivered to site 'just in time' with temporary lay down only expected within the site boundary prior to use. Other small material quantities to be stored within GRS demise of site as noted on the setup drawing.

Deliveries

Deliveries will be made to site in working hours only with materials offloaded on site. It is anticipated that vehicles will reverse into the site offloading materials to the access area and materials storage area within the site compound.

Protection of public

The site is immediately adjacent to the public highway. Site access/egress arrangement to the site, and within the site is to be as per site setup drawing restricted to authorised persons only and the site will be manned daily.

Demolition notes

Refer to appended Demolition Method Statement.

Highways notes

In relation to the specific points requested to be advised on the following has been considered:

- i) Vehicle cleaning facilities – plant including hired tracked plant for groundworks and excavations to be initially off-loaded onto the highway. Working outwards to the site entrance the plant can then be loaded directly onto transport within the site and removed from site for cleaning via the existing vehicular access. Initial groundworks will involving stoning of the site as working and bearing platform,

not muddy, so vehicle cleaning prior to exiting site would not be anticipated. Temporary vehicle cleaning facilities would be provided as required should this be assessed by the site team as being required prior to exiting the site on to the highway to mitigate against debris transferred to the highway.

- ii) The parking of vehicles of site operatives and visitors – refer to site setup drawing. Site vehicles to be parked on the highway immediately adjacent to the site comprising typically 2 vehicles max. Visitor parking is anticipated for occasional consultant or client visits and can be accommodated adjacent to the site on the highway which has no parking restrictions.
- iii) The loading and unloading of plant and materials – refer to materials and deliveries notes above and site setup drawing.
- iv) Storage of plant and materials used in constructing the development - refer to materials and deliveries notes above and site setup drawing.

Construction / Demolition Phase Plan – Carrstone Villa, Low Hauxley (GLC683)

	Name:	Signature:	Date:
Prepared By:	Graeme Cochrane	[Redacted]	12/09/23
Approved By:	Graeme Cochrane	[Redacted]	12/09/23

Issue and Revision Control

This Project Construction / Demolition Phase Plan is held on site. It remains a live document for the duration of the project.

Copies can be issued at request. For record purposes a circulation, issue and revision list will be held and maintained by the Site Manager.

Revision / Review History:

Notes:

- This plan must be reviewed at least quarterly
- If there is no change required, this 'no change' status must also be noted
- Hand write notes below to reflect changes

1	Prepared by:	G Cochrane	Date:
	Approved by:	G Cochrane	Date:
2	Prepared by:		Date:
	Approved by:		Date:
3	Prepared by:		Date
	Approved by:		Date
4	Prepared by:		Date
	Approved by:		Date

SECTION 1 –INFORMATION

CPP Title:	Carrstone Villa, Low Hauxley –Demolition & Asbestos Removal
CPP No:	GLC683

1.1 INTRODUCTION, BRIEF DESCRIPTION AND SCOPE OF WORKS

This Construction / Demolition Phase Plan will outline the overall methodology and risk controls which GLC Projects will follow in the demolition of an existing residential building and associated outbuildings at Carrstone Villa, Low Hauxley, Morpeth, NE65 0JS for Greenroof Structures.

The details contained within this method statement will form part of the Safe System of Work. Documents will be live at all times and updated and modified in agreement with the Senior Manager at relevant stages of the project as it progresses.

The scope of works covered by the method statement includes:

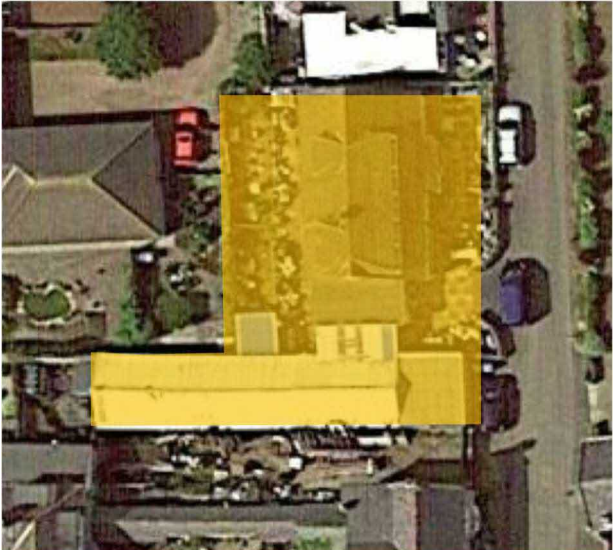
- Mobilisation
- Non-licensed asbestos removal
- Stripout
- Building demolition
- Waste removal & grading of site
- Demobilisation

ACM covered by the MS include the following:

- MA007469 –Sink Pad to ground floor
- MA007473 –Cement undercloaking to exterior
- MA007476 –Loose cement sheets to exterior

Site Plan

The works will take place within a securely fenced site as shown below:



SECTION 2 –SUMMARY OF MAIN HAZARDS

2.1 CONTROLS FROM RISK ASSESSMENT

The principal hazards identified are:

- Working within a site bounded by public highway, footways and housing
- Working adjacent to operating plant & pedestrians
- Dismantling structures adjacent to existing infrastructure and housing
- Working within close proximity to members of the public
- Excavations
- Exposure to dust
- Asbestos removal
- Working with CoSHH substances
- Manual handling operations
- Working at height
- Hot works
- Possible interfaces with Asbestos Containing Substances and hazardous waste
- Waste segregation and disposal
- Wagon movements

The principal risk controls will be:

- Employing a skilled and competent workforce
- Segregated work areas between demolition activities and other activities
- Controlled asbestos removal by trained operatives
- Controlled dismantling with demolition equipped plant, as opposed to 'demolition collapse'
- Asbestos removal, Soft strip and waste removal carried out prior to demolition
- Dust suppression techniques used throughout demolition works
- Waste segregation by machine where possible (not by hand)
- Banksman used during all machine work and vehicle movements
- All building services to be disconnected prior to demolition works starting
- Using a permit to work procedure for high risk works, including excavations and asbestos removal
- Maintaining a secure site boundary at all times, with appropriate warning signage for the works

SECTION 3 –WORKS INFORMATION

3.1 CLIENT DETAILS

Greenroof Structures
Ross Blenkinsopp –Manager –07590 323 162

3.2 DEMOLITION CONTRACTOR

GLC Projects Ltd
Project Manager –Jack Kendall –07393 470 459
Accountable Director –Graeme Cochrane –01740 669 588

3.3 PROGRAMME

Works to be carried out in September –October 2023. All works will be carried out in 1 visit. The sequence of work will be as follows:

- Mobilisation
- Non-licensed asbestos removal
- Internal softstrip
- Mechanical demolition
- Waste Removal
- Grading of site

Available working hours:

- Mon-Fri 08:00 –17:00

Weekend working and out of hours working through liaison with client manager only.

3.5 ASSOCIATED DOCUMENTS

- Appendix 1: Risk Assessment for the works
- Appendix 2: Existing asbestos surveys and register
- Appendix 3: Section 80/81 notice and associated planning conditions
- Appendix 4: Nearest hospital
- Site Induction
- HSE Guidance Note –A0 –Introduction to Asbestos essentials
- HSE Guidance Note –EM0 –Risk assessments and plans of work
- HSE Guidance Note –EM4 –Using a Class H vacuum cleaner for asbestos
- HSE Guidance Note –EM9 –Disposal of asbestos waste
- HSE Guidance Note –EM5 –Wetting asbestos materials
- HSE Guidance Note –EM6 –Personal protective equipment (including RPE)
- HSE Guidance Note –EM8 –Personal decontamination
- HSE Guidance Note –EM9 –Disposal of asbestos waste
- HSE Document –ACoP and Guidance –Manging and Working with Asbestos

3.6 KEY SITE PERSONS

Position	Name
Accountable Director	Graeme Cochrane
Project Manager	Jack Kendall
Site Supervisor	Graeme Green
Operatives / Plant Operators	3 No total

3.7 PLANT MATERIALS AND EQUIPMENT

Plant	Materials	Equipment
14t Excavator or similar	Warning signage	Electric hand tools
Waste skips	Asbestos wrapping and bags	Manual hand tools
Grab wagons	Water	Access Podiums / Towers

MEWP	Sheeting/tape for controlled entry	Water spray
	Wetting gels	Safety fencing
3.8.1	Personal Protective Equipment	
Hard Hat	High Visibility Vest	Protective Boots
Gloves	Disposable Paper Overalls (with hood over hard hat)	FFP3 ½ mask (with disposable filters)
Other PPE to suit specific activities:	<ul style="list-style-type: none"> • Impact goggles or suitable eye protection (as required) • Ear protection (as required) • Other Coveralls (as required) • Other P3 respirators (as required) 	
3.9	PERMITS	
	<p>GLC Projects will operate a strict permit to work system on site. Permits will be issued and briefed to each operative which will detail specific risk controls for each activity for example; for excavations, lifting, hot works, working at height and asbestos removal.</p> <p>A General Works Permit for demolition will be issued in order to highlight specific risks and controls. This will indicate the clearance following the removal of any hazardous waste and asbestos and highlight any service disconnections notices.</p>	
3.10	SITE ACCESS AND LOGISTICS	
	<p>Access to the site will be via the existing minor road from Hauxley Lane. No access will be gained from the rear of the existing property.</p> <p>Vehicles will follow existing highway routes and access site via site gates (or opening in heras fencing). All vehicles manoeuvring in site will have a banksman present, in particular while turning on site.</p> <p>Equipment will be delivered to site with small vans only during normal working hours</p> <p>Large plant and excavator delivery will be outside peak times and before 07:00am. Upon approach to site the lowloader will be escorted onto site (vehicle movements do not require a movement order).</p> <p>Road wagons will travel on site one at a time. Wagons will reverse onto site within the site boundary under the control of a Banksman.</p> <p>Plant and equipment will be stored safely on site at the laydown area and within the boundary of heras fencing.</p> <p>Materials storage and stockpiles will not exceed 3m in height and be within the footprint of the original building. Material will be removed from site as soon as possible to prevent waste build-up. Hardcore/spoil stockpiles will be sealed using the excavator and wet-down as required to prevent dust creation. Road wagons for spoil removal will use dust sheets at all times. As required spoil may be used on site to grade the site to revised levels.</p> <p>Site vehicles will be parked within the boundaries of the site at all times. Gates to the site will be locked at all times.</p>	
3.12	COMMUNICATION	
	<p>All personnel will be briefed on this CPP as part of the site induction process.</p> <p>All changes to this CPP will be recorded within the audit record on the front page.</p>	

Day to day communication will be coordinated by the site supervisor through the use of the Safe Start briefing each day. The Safe Start briefing each day will form the basis of consultation and engagement with members of the workforce.

SECTION 4 –WORKS INFORMATION

4.1 WORK DELIVERY

4.1.1 Pre-start (management of the work)

Prior to any works commencing all site specific risk assessments and method statements will be written and submitted for approval. These will then be briefed to all staff and workforce (including subcontractors) on site before works start.

This Construction / Demolition Phase Health and Safety Plan (CPP) will be made available on site for information; this will be maintained by the Project Manager. Each of the site team will undertake a site induction before being authorised to start works on site. The site induction will detail the nature of the works to be carried out and identify specific hazard and risk control measures to be used on site. Site rules and procedure will be included within the induction along with details of emergency procedures and contact details. As part of the induction the competency of each team member will be checked by the Site Manager and records will be taken.

Mandatory training required for this activity:

- Site specific induction
- Competency card appropriate for the activity being undertaken (or equivalent)
- Accredited training for the activity being undertaken
- Toolbox Talk –“Interface with the public”
- Toolbox Talk –“Demolition Awareness”
- Toolbox Talk –“Asbestos Awareness”
- Face fit testing for RPE equipment

Before work each day the Site Supervisor will undertake a ‘Safe Start’ briefing. This is an integral part of our Health and Safety Management procedure as it informs the workforce of the works ahead, any changes related to these works, including any specific risks which may have presented themselves as a result (such as work interfaces). The Safe Start is a key mechanism for engagement with the workforce and offers the daily opportunity for feedback and communication.

Activity Planning

Prior to starting work an exclusion zone will be erected. The maximum available exclusion zone will be created. Suitable welfare facilities will be provided on site. Appropriate warning signage will be erected around the perimeter of the site, this will include asbestos specific signage and hazard warnings.

Written confirmation of any site services isolation, or specific isolations in specific areas will be provided by the client prior to any demolition works taking place.

For the demolition activities, a fire point will be located at the site van. Emergency planning and coordination will be provided by the Site Supervisor. Additional fire prevention controls will be provided for any hotworks, in line with the hotworks permit.

A first aid point and eye washing station will be located at the site van.

Site lighting will be provided for task specific activities –normal works will be carried out during daylight hours.

Road wagons will be manoeuvring on existing access roads and hence a wheelwash will not be provided. For occasional use a jet wash will be provided for use as required.

Pedestrian routes to the demolition zones will be segregated using pedestrian barriers (as required). Outside of the site boundary pedestrians will use existing public footways and crossing points.

A jet wash will be used to suppress dust; this will be directed on site to breaking operations and when spoil is being lifted. Debris netting will be provided to heras fencing at pinch points and adjacent to highway as required.

A demolition Permit to Work will be issued.

Before any works commence on site all plant and equipment required for the activity should be positioned adjacent to the work area. Daily Plant checks will be carried out before each shift.

As part of the enabling works, a competent and knowledgeable person will highlight all known hazardous waste or materials within the building prior to any works taking place –this will include a check for all asbestos containing materials.



Typical site asbestos warning in place



Stickers to be placed on site

Controlling Waste

Only a minimal amount of waste is to be generated during the works. Any general waste such as plastics will be removed off site for disposal. Scrap metals will be segregated into the appropriate skip for removal off site. All timber waste will be removed for recycling. This is to be briefed to the workforce prior to start. Material will be removed from site as soon as possible to prevent waste build-up.

Site work areas will be kept free from dirt and debris. Skips will be situated in the laydown areas at the back of the site. Skips will be signed, to indicate the waste to be used.

General waste piles will be kept to small piles to reduce fire risks. Waste will not block emergency escape routes or access for emergency vehicles.

During demolition the excavator will pick materials for segregating. Timber, plastics, brick/concrete and metal (ferrous and non-ferrous) are to be segregated in designated areas. This is to be briefed to the workforce prior to start.

Materials storage and stockpiles will not exceed 3m in height and be within the footprint of the original building. Hardcore/spoil stockpiles will be sealed using the excavator and wet-down as required to prevent dust creation. Road wagons for spoil removal will use dust sheets at all times.

Controlling Asbestos Waste

Asbestos works will be removed into lockable covered skip or via locked transport to licensed tip once double wrapped.

Asbestos waste is classified as 'Hazardous Waste' when it contains more than 0.1% asbestos.

A Hazardous Waste Consignment Note will be produced by the licensed waste carrier when disposed off site. This is to be documented on site by the Site Manger and records kept for 3 years in the GLC Projects head office.

Site work areas in general will be kept free from dirt and debris. Skips or waste stockpiles (when bagged) will be situated in designated laydown areas. Asbestos waste will be protected from damage and kept away from other work activities. Skips will be signed, to indicate the correct waste type to be used.

Waste piles within the building in general will be kept to small piles to reduce fire risks.

Waste will be packed in UN-approved packaging with a CDG hazard label and asbestos code information visible.

Waste will be double-wrapped and labelled 'asbestos waste'. This will be using a red inner bag with asbestos warnings tied and placed within and a clear outer bag and tied.

Once double bagged at the work area for non-licensed work, the appropriate transit route will be followed and asbestos waste will be contained within appropriate lockable skips before being removed off site.



Typical double bagged asbestos waste



Signage to be used on bagged waste

4.1.2 Mobilisation

Prior to works taking place we will ensure that all existing access routes on the adjacent highway is maintained and kept free from interference. The site boundary will be sited as far away from the perimeter of the building in order to provide clear access and suitable drop zones for demolition.

Plant and skip deliveries will be delivered by designated transport and will manoeuvre on site under the control of a banksman.

Access to working at height will be via access towers, safely erected on level ground, or via podiums.

4.1.3 Non-licensed Asbestos Removal

Asbestos removal activities will be carried out before all other works.

In addition to the site wide mandatory training all operatives will hold an accredited Non-licensed Asbestos Training certificate (CAT B).

This specific method statement and risk assessment will be briefed and followed for each category/type of ACM on site. HSC guidance notes will be consulted as part of this process. HSE/LA notification will be carried out as required for notifiable non-licensed works, prior to any works taking place.

Following completion of the works no further access will be required to area once ACM has been removed.

Note –there is no Licensed Asbestos Works required as part of the project.

4.1.4 Removal of Cement Undercloaking and Loose Sheets

Corden off work area from other activities and plan transit routes.

Prior to any works ensure all other softstrip items are removed from the work area –where possible this includes plastics and timber.

Ensure if required building services have been isolated or disconnected.

Where working at height, the appropriate aluminium tower or MEWP will be provided at the work area, positioned on firm level ground. This will be erected by PASMA or IPAF trained operatives. After use, the tower or MEWP should be cleaned appropriately using wet rags etc.

Where possible cement products should be removed in one piece. Screws are to be removed (and disposed of as asbestos waste) and panels/sheets carefully lifted off and disposed of without breaking or damaging. If breaking is required any blades are to be disposed of as asbestos waste –ensuring blades are wrapped so not to cut through any bagging.

Procedure (solid panel removal)

- All preparation work is to be carried out prior to any ACM removal.
- In principal, whole panels/sheets are to be removed before any other intricate work is carried out in specific areas.
- Joints, pins or screws to be removed are to be coated with the appropriate paste, gel or sealant.

- Panels/sheets are to be wet down using rags with water and/or gel as appropriate
- Where required any existing mortar joints or sealant is to be broken away if loose or removed with clean knife, then panels/sheets carefully removed directly to waste bagging. If mortar or sealant cannot be removed carefully (without breaking the ACM) this is to be kept in tact and disposed of as asbestos waste.
- All screws, rags, joint sealants /filler etc are to be disposed of as asbestos waste.
- As works progress, waste bags/wrapping should be tied and sealed. Then placed in a clear bag, then tied and sealed with the appropriate signage present.

Procedure (sink pad)

For the removal of sink pads this will be removed by scraping small quantities into plastic bagging in an isolated activity.

- All preparation work is to be carried out prior to any ACM removal.
- Sink pad is to be wet down with paste or gel (or water) using brushes or rags (then disposed of).
- A scraper should be used to carefully and gently scrape off the sink pad. Scrapings should be captured directly into bagging.
- Following scraping any residue should be removed with damp rags and then disposed of directly into bagging.
- During scarping control water distribution with rags as required.
- If scrapers become damaged or coated with debris/sealant/paste dispose and replace.
- Where access is restricted, and scraping is not possible (for example where sink is adjacent to walls), items should be cut out in whole pieces and disposed of as asbestos waste.
- As works progress, waste bags should be tied and sealed. Then placed in a clear bag, then tied and sealed with the appropriate signage present.

Cleaning

- As works progress, use damp rags to clean the area. For larger areas and where appropriate clean with a Class H vacuum cleaner (if available). Clean the equipment with damp rags before removing from the area (this includes any access towers etc)
- Clean the equipment with damp rags. Put debris, used rags and other waste in the asbestos waste bag and tape it closed.
- Note: all screw or other fixings removed and any consumable items such as knife blades etc should also be disposed as asbestos waste.
- Visually inspect the area to make sure that it has been cleaned properly and no waste remains.

Prevent access to the area once works have been completed.

4.1.5 Removal of Internal Waste

Any surface waste (ie not fixed in place) such as old household items will be removed from the location and either removed to a skip on site or stored within in a designated area for removal by machine later.

Operatives are to assess the size and weight of the load to be carried before attempting to lift and follow good manual handling techniques when moving.

Where possible loads should be shared.

Gloves must be worn for this activity and visual inspection of the item to be lifted must be carried out prior to handling to check for protruding fixings such as old nails, screws or sharp edges.

Operatives are to be advised, if in doubt, do not move.

4.1.6 Building Demolition

Any soft strip, waste removal and removal of hazardous waste (including asbestos) will have taken place prior demolition taking place.

	<p>A demolition permit to work will be issued prior to works commencing.</p> <p>As described above exclusion zones will be set up around the perimeter of the building (3m where possible, or the maximum achievable) –there will be no pedestrian access within the demolition operation. For any pinch points, a Banksman will be used to marshal machine activities at ground level.</p> <p>Prior to full demolition, any manual separation of the neighbouring outbuilding at the site boundary will take place by hand to separate the building from any part of the structure which is to remain in place.. Access will be provided by access towers on firm level ground. Manual hand breaking will be carried out and brick/stone will be removed with care taken to prevent damage to any remaining structures.</p> <p>Following separation the roof material will be removed progressively to expose the roof structure. Then mechanical demolition will follow.</p> <p>In general the buildings will be demolished using a 14t tracked excavator with selector grab attachment. The excavator will have rubber tracks present in order to preserve the condition of the existing road surface.</p> <p>The excavator will carefully demolish the structures by working in a progressive fashion starting from the building end, working towards the opposite end. The structure will be demolished using industry best practice, by carefully folding in the external walls inwards towards the centre of the building unit. The excavator will use attachments as required to segregate waste and control building elements to be supported and lifted to ground level.</p> <p>Stability will be maintained with the steps being in line with the existing building wall layout. At no stage will a wall end be left unsupported.</p> <p>Where possible any pre-fixed structural elements will be unbolted and safely dismantled by hand. Care will be taken to share loads and the use of excavator for lifting will be used where possible at all times. Pre-cast elements may be broken up on site for safe removal by grab wagon.</p> <p>When appropriate throughout the works the excavator will create material stockpiles or remove waste straight to skip.</p> <p>To minimise noise the building elements will be brought to ground in a controlled manner. Working in a controlled manner will also limit any dust creation. If required water sprays will be used to suppress dust further. Debris netting will also be used as required.</p>
<p>4.1.7</p>	<p>Checking and Completion</p> <ul style="list-style-type: none"> • At the end of each shift, or part way through the operation the perimeter of the working area will be guarded off with suitable barriers. • Visual inspections of the area will be carried out to make sure that areas are left safe and there are no sections of the structure left unstable which could fall. • All plant will be inspected each day before use. • A site inspection will be carried out each day. • A 2hr fire watch will be carried out following completion of any hot works. • The Site Manager will be notified is any circumstances change on site which require review. <p>Upon completion of the work the Site Manager will close out the Permit to Work and update all site records</p>
<p>4.1.8</p>	<p>Environmental Management</p> <p>Higher risk environmental interfaces include the following:</p> <ul style="list-style-type: none"> • Nesting animals • Ground level vegetation • Surface water discharge • Public interface and neighbours <p>In general the following controls will be deployed on site:</p>

	<ul style="list-style-type: none"> • Works will be carried out paying attention and adhering to any statutory notice, condition or measure • Site activities will be managed to avoid any interface with habitats or ecology • Vegetation in and around the buildings to be demolished will be grubbed out and removed prior to demolition taking place –care to adjacent privately owned land and property will be maintained • If required over-hanging vegetation will be cut back prior to demolition taking place • Natural surface water run-off will be maintained • Appropriate fencing and signage will warn passers-by of the works • Where required debris netting may be erected to prevent the spreading of dust and debris outside the worksite • Controlled demolition will be used to limit noise and dust creation • Where required water sprays will be used to suppress dust during demolition • Noise will be controlled by turning off idle plant and only working within permitted site hours. • If used, generators will be positioned on plant nappies at all times • Re-fuelling of plant will be carried out with plant nappies and/or spill kits present • Waste to be segregated before being removed off site for recycling and/or disposal <p>Additional controls will be briefed as part of the site specific induction (see above).</p>
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4.2	EMERGENCY PROCEDURE
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	<p>Emergency Procedure</p> <p>What to do if an incident occurs.</p> <ol style="list-style-type: none"> 1. Stop work immediately 2. Keep everyone else out of the work area 3. Report problem to the person in charge as soon as possible 4. Follow the direction of the person in charge 5. If safe to do so, make the area safe and prevent access –set up exclusion zones as required 6. If safe to do so, put up warning signage a safe distance away 7. Do not re-enter the area and wait for further instruction before continuing with work. <p>What to do if you discover Asbestos Containing Material not identified within the method statement and/or risk assessment or project survey report:</p> <ol style="list-style-type: none"> 1. Discover new or unexpected ACM, stop work immediately 2. Keep everyone else out of the work area 3. Report problem to the person in charge as soon as possible 4. Put up a warning sign ‘possible asbestos contamination’ and prevent further access to the area 5. Do not disturb the area and wait for further instruction before continuing with work. <p>Note: The site muster points and emergency evacuation routes will be used.</p> <p>Note: For works to continue additional procedures and risk control measures may be required.</p>
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4.3	QUALITY
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4.3.1	<p>Quality Statement</p> <p>GLC Projects have committed to the following on this project:</p> <ul style="list-style-type: none"> • Safe and efficient demolition and asbestos removal with quality being central to the approach • Clear leadership and accountabilities for quality • Positive interventions through procurement and delivery to ensure a quality during the works and at handover
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	<ul style="list-style-type: none"> • Promotion of the right values and behaviours by our leadership team • Regular monitoring and reporting • Learning from experience in our drive for continuous improvement • A 'Considerate Constructor's' delivery approach, providing care and attention to the local community and residents <p>On this project, through careful consideration and planning during tender stage we will deliver the following for the project:</p> <ul style="list-style-type: none"> • Integrated direct workforce and supply chain to ensure efficiency on site –this reduces our physical presence on site, which in turn reduces any disruption caused • Plant and equipment deliveries managed 'just in time' which ensures we don't have plant sitting idle on site –this reduces our environmental impact, but also prevents the perception of 'lack of progress' for people in the local community • All waste disposal onsite will be recorded and disposed of legally at the appropriate licensed tip and where possible with the maximum material being recycled and hence diverted from landfill • Hazardous waste will be removed and disposed of in accordance with legislation and appropriate records maintained and where required passed to the council • The site will be left level with the require fence around the site to ensure the finished site is left secure to prevent any future misuse of the land • We will ensure we integrate our quality reporting with the client's performance indicators for this specific service area. We will maintain transparency with our records, including (but not limited to) waste removal, clearance and handover documentation
<p>4.3.2</p>	<p>Effectively Monitoring Progress and Quality of the Works</p> <p>Robust checking and auditing procedures will highlight any quality issues straight away so that they can be corrected quickly with improved processes introduced.</p> <p>In accordance with our Health and Safety Management Systems we will conduct daily inspections by the Site Supervisor and a routine monthly inspection by a Senior Manager or Director.</p> <p>We operate and encourage nearmiss and hazard spotting reporting across all our sites and facilities.</p> <p>Our monitoring and recording of health and safety will follow procedures 4.4, 6.1, 6.2, 6.3, and 6.4 of our Safety Management System.</p>
<p>4.4</p>	<p>HEALTH AND SAFETY STANDARDS</p>
	<p>The client is committed to ensuring that underlying principles and requirements of CDM2015 are fully implemented on all construction projects so that exemplar standards of health and safety performance are achieved across this project. GLC Projects share this commitment.</p> <p>GLC Projects operates a zero tolerance approach to health, safety and environmental non-compliance. GLC Projects target zero accidents, incidents or injury in all operations.</p>

SECTION 5 –ATTACHMENTS

Attachment No.	Description
1.	Risk Assessment Form
2.	Asbestos Surveys
3.	Section 80/81 notice and associated planning conditions
4.	Nearest hospital

SECTION 5 –ATTACHMENTS

Appendix 1 –Project Risk Assessment

Risk Assessment



Task: Carrstone Villa - Overarching demolition (GLC683-RA-001)

Activity:	Hazards	Who / What at Risk	Initial Rating			Control Measures Specified	Residual Risk Rating		
			L	C	R		L	C	RRR
General activities	Slips, Trips & Falls	Operatives Supervision Plant Op	3	3	9	Working area during works must be kept clear of loose debris at all times Operatives are to not climb on material stockpiles - work ground level where possible Walk on site - keep access routes clear	1	3	3
	Manual Handling / fatigue	Operative Plant Op Supervision	2	4	8	Share loads Visually inspect lift prior to lifting Plan travel routes with load Correct PPE to be used at all times (including gloves) Limit repetitive movements. Take regular breaks. Stretch body/muscles at regular intervals Limit bending or kneeling for long durations Use trolleys for transporting loads where possible Reduce size of load to be carried Specific TBT to be briefed prior to works	1	4	4
	Working with Vibrating Plant/tools	Operative Plant Op Supervision	2	4	8	Limited works with vibrating plant/tools expected as part of works Individual HAVs assessment carried out for each tool being used using form SMS018 Operatives to be briefed on exposure action levels and trigger times - do not exceed Operatives to take breaks while working with vibrating plant/tools Operatives to keep hands and arms warm during works	1	4	4
	Fire risk on site	Operatives Supervision Plant Op	3	5	15	Debris / waste to be kept to a minimum Fire points located at each work area All site/building services to be disconnected before any works Exit routes to be communicated within site induction No hot works within buildings No smoking on site and within garages (including electronic cigarettes) Flammable and combustible waste must be removed regularly and stored in suitable skips.	1	5	5
	Cutting works - exposure to dust	Operatives Supervision Plant Op	3	3	9	All operatives to wear FFP3 dust mask when breaking/cutting activities Exclusion zones to be used around dust creating activities to prevent unauthorised personnel in working Limit the need to break/cut materials. Lift out where possible Dust extraction to be used within enclosed spaces Building ventilation to be provided where required Wet cutting activity (if safe to do so and practical) Specific TBT to be briefed prior to works	1	3	3
	Working with CoSHH substances	Operative Plant Op Supervision	2	4	8	Individual CoSHH assessment carried out for each substance being used Store CoSHH items in line with CA and MSDS guidance Handle and transport substances in line with CA and MSDS guidance Wear correct PPE for item being used Ensure specific training is in place for each substance being used Prevent unauthorised use of CoSHH substances	1	4	4

Risk Assessment



Task: Carrstone Villa - Overarching demolition (GLC683-RA-001)

Activity:	Hazards	Who / What at Risk	Initial Rating			Control Measures Specified	Residual Risk Rating		
			L	C	R		L	C	RRR
	Interface with other activities (incl. public)	Operatives Supervision Plant Op	2	2	4	Segregate work area Fence off work area and prevent access by others Site gates closed and locked at all times Banksman to be present for excavator movements, but stood in a safe & visible place Safe Start Briefing to identify any adjacent activities Warning signage to be present on site Exclusion zones used during demolition activities Logistics Plan followed for all vehicle movements Neighbours informed of works	1	2	2
Demolition	Underground services Building services	Operatives Supervision Plant Op Others	5	5	15	Permit to excavate to be issued if breaking ground Area to be CAT scanned. Trial holes carried out as required to investigate any unknowns Banksman to marshal excavator activities - stood a safe distance away Utility drawings to be briefed to workforce as part of the permit to excavate Section 80/81 notice to be in place, prior to demolition (as required) Buildings disconnected before this activity is carried out Written confirmation to be received for all service disconnections	2	5	10
	Lifting activities	Operatives Supervision Plant Op Others	3	5	15	Only use certified lifting accessories Excavator operator trained to lift with excavator and/or with selector grab Use good industry practice, using certified lifting points Operatives/Banksman to be stood a safe distance from any lifting activity Keep load low to the ground during lift Ensure excavator is on firm level ground Excavator to operate within SWL of machine - consult manufacturer guidelines	2	5	10
	Flying Debris	Operatives Supervision Plant Op	3	3	9	All operatives to wear eye protection when adjacent to breaking/cutting activities Exclusion zones to be used for machine breaking activities to prevent unauthorised personnel in working If necessary establish debris netting screen around operation. Limit the need to break materials. Lift out where possible	1	3	3
	Burning / hot works	Operatives Supervision	3	4	12	Hot Works permit procedure to be present Appropriate fire extinguisher to be present (Powder for burning) Fire point to be established at work area No lone working for hot works 2hour fire watch following completion of hot works Welding masks to be used for burning activities Remove all combustible materials from hot works area Fire risk assessment carried out for works within buildings	2	3	6
	Unplanned collapse	Operatives Supervision Plant Op	3	4	12	Demolition methodology/sequence to be followed as described in MS Demolition trained / competent operators to be used Single skin walls / single columns / unsupported roofs to be avoided and not to be left at breaks or	2	4	8

Risk Assessment



Task: Carrstone Villa - Overarching demolition (GLC683-RA-001)

Activity:	Hazards	Who / What at Risk	Initial Rating			Control Measures Specified	Residual Risk Rating		
			L	C	R		L	C	RRR
		Others				Demolish garages in progressive manner working in one direction Maintain structural integrity during demolition. Assess load paths within garages Bring building elements to the ground under control using machine - do not allow elements to fall under own weight Avoid structural elements striking building in tact Carry out select cuts to structural members to weaken structure to aid dismantling			
	Working adjacent to operating plant	Operatives Supervision Plant Op	5	5	25	Demolition plant to operate within exclusion zones at all times Banksman to be present if safe to do so, standing in front of machine operating Banksman to stand on level ground and not spoil stockpiles All persons to be clear distance away from any crush zones or demolition drop zones Where safe to do so, pedestrian walking zones to be marked on site	2	5	10
ACM removal	Exposure to asbestos	Operatives Supervision Plant Op Others	5	5	25	Permit to work system to be used for access to work areas Asbestos risk to be briefed during induction All operatives to have minimum asbestos awareness training For non-licensed ACM removal - operatives to be (CAT B) non-licensed trained Licensed asbestos removal by licensed contractor only - none as part of these works Signage on site to indicate presence of asbestos Regular TBTs to be used to reinforce risk controls FFP3 Dust masks to be used for activity (1/2 mask) - to be disposed of after use Paper overalls to be used for activity - to be disposed of after use Boot laces to be taped over - tape to be removed and disposed of after use Gloves to be worn for activity - to be disposed of after use Paper overalls to be taped at gloves and boot interface Operative to fully wash hands, arms and face after activity H-Vac used through shadow vacuuming where required (H-Vac tested and certified) Panels to be removed in one piece where possible Material wet down with water/paste/gel prior to removal works Panels cut with sharp blades, not to be sawn to reduce dust creation Separate MS and RA for asbestos removal (specific for each type/activity) Follow all HSE guidance notes and ACoP	2	5	10
	Exposure to asbestos through transfer	Operatives Supervision Plant Op Others	3	5	15	Access to be limited to work area after works have been complete to limit further transfer Permit to access process to be followed Prevent access by barriers etc for others Use disposable PPE, to be bagged adjacent to work area Use disposable wet rags and sprayers to dampen area and suppress dust Clean tools with disposable wet rags, to then be bagged adjacent to work area Asbestos waste to be double bagged, sealed and signed. To be left in work area to be mechanically lifted from work area during demolition. No manual transfer of asbestos waste Licensed asbestos removal by licensed contractor only - works to be segregated Non-licensed removal by CAT B (Non-licensed) trained operatives	2	5	10

Risk Assessment



Task: Carrstone Villa - Overarching demolition (GLC683-RA-001)

Activity:	Hazards	Who / What at Risk	Initial Rating			Control Measures Specified	Residual Risk Rating		
			L	C	R		L	C	RRR
						Regular TBTs to be used to reinforce risk controls Separate MS and RA for asbestos removal (specific for each type/activity) Specific permit to work issued for asbestos works Emergency procedures in place for access breaches and discovering additional asbestos			

Risk Assessment



Task: Carrstone Villa - Overarching demolition (GLC683-RA-001)

Activity:	Hazards	Who / What at Risk	Initial Rating			Control Measures Specified	Residual Risk Rating		
			L	C	R		L	C	RRR

L = Likelihood
C = Consequence
R = Risk Rating
RRR = Residual Risk

1 = Improbable, 2 = Unlikely, 3 = Likely, 4 = Very Likely, 5 = Certain
1 = Injury no lost time, 2 = Minor injury less than 3 days, 3 = Injury more than 3 lost days, 4 = Major injury, 5 = Fatality
The Risk Rating is the value given to the Risk when the Likelihood is multiplied by the Consequences
The Residual Risk Rating is the value of the risk once all the control measures have been put into place and practice

		Severity (S)				
		1	2	3	4	5
Likelihood (L)	1	1	2	3	4	5
	2	2	4	6	8	10
	3	3	6	9	12	15
	4	4	8	12	16	20
	5	5	10	15	20	25

Risk Rating (RR) = Severity (S) x Likelihood (L)

Low - 1-5
Medium - 6-10 (As low as reasonably practicable)
High - 12 or more

Likelihood:

- Very Unlikely – probability of occurrence is close to zero
- Unlikely – unlikely to occur although the occurrence is conceivable
- Likely – could occur at some stage, occurrence is possible
- Very Likely – will occur with some certainty; occurrence is not unexpected
- Certain – will occur repeatedly; occurrence can be expected

Severity:

- Minor Injury, no lost time, no damage
- Minor Injury, less than or equal to 3 days lost time, minor damage
- Reportable injury, 3+days lost time, temporary disruption to operations
- Major Injury, damage, theft
- Fatality, major damage, industry disruption

Date of Assessment: 12/09/23 Name of Assessor: Graeme Cochrane

Review date: Reviewed by:

SECTION 5 –ATTACHMENTS

Appendix 2 –Asbestos Surveys

SECTION 5 –ATTACHMENTS

Appendix 3 –Section 80/81 notice and associated planning conditions

SECTION 5 –ATTACHMENTS

Appendix 4 –Nearest Hospital



Location of Nearest Accident & Emergency Hospital

Northumbria Specialist Emergency Care Hospital

Northumbria Way

Northumberland

NE23 6NZ

0344 811 8111

This Hospital has an A&E. 20.4 miles, 29 minutes in moderate traffic

