Onward Homes
July 2023
Revision A

Creating positive spaces

CONSTRUCTION METHOD STATEMENT

Land at 74 Higher Road, Longridge, Lancashire

Outline Planning Approval: T2350/W/17/3186969

In response to Condition number 15 on the above approval which states:

No development shall take place within a phase (pursuant to condition 3 of this consent) until a Construction Method Statement for the relevant phase has been submitted to and approved in writing by the local planning authority. For the avoidance of doubt the submitted statement shall provide details of:
a) The location of parking of vehicles of site operatives and visitors
b) The location for the loading and unloading of plant and materials
c) The location of storage of plant and materials used in constructing the development
d) The locations of security hoarding
e) The location and nature of wheel washing facilities to prevent mud and stones/debris being carried onto the Highway (For the avoidance of doubt, such facilities shall remain in place for the duration of the construction phase of the development) and the timings/frequencies of mechanical sweeping of the adjacent roads/highway
f) Periods when plant and materials trips should not be made to and from the site (mainly peak hours but the developer to identify times when trips of this nature should not be made)
g) Days and hours of operation for all construction works.
h) Details of good practice and management measures to be employed during the development, including the identification of suitable of suitable highway routes for plant and material deliveries to and from the site, and measures to ensure that construction and delivery vehicles do not impede access to and from the site.

The approved statement shall be adhered to throughout the construction period of the development.

This statement relates to the earth works and construction of 123 number residential properties and the associated works referred to and approved on the above Outline Planning Approval.

All works will be in accordance with ISO 14001:2004 Environmental Management Systems

Proposed Management Structure

1 - Site Manager
1 - Assistant Site Manager
1 / 2 - Fork Lift Driver (part duration)
1 / 2 - Labourer / Material Controller (part duration)

1 - Banksmen

The above staffing requirements may vary subject to pace of build.

The remainder of the Construction Method Statement will follow the referencing detailed in the Outline Planning Approval:

Demolition of the Bungalow:

For the demolition of the bungalow, this will be dealt with as an independent piece of work in advance of the main construction of the road, sewers and 123 dwellings with the demolition contractor assuming responsibility for the site and all health and safety considerations until completion of the demolition works. Onward as the client, under CDM will assume these duties and ensure the contractor in turn fulfils their duties.

Initial discussions have already been opened with the residents of number 70 and 76 Higher Road including the requirement that the Party Wall Act will need to be adopted and an award issued before the main contract works will commence. The demolition of the bungalow to ground level could be undertaken in advance of this and the timing of all the pre start works will determine whether it will be in place prior to demolition.

Onward when meeting the residents have assured them that there will be continual dialogue and that we will remain in contact to ensure that minimal disruption occurs where possible.

The demolition contractor will fully secure the work area on all side and provide debris netting to the temporary fencing to reduce duct and materials being able to pass into the neighbouring properties.

There will be a self-contained welfare / office / toilet unit due to the tight work area and small nature of this contract and the number of operatives on the site at any one time

Working hours of the demolition works will be:

Monday – Friday:	08:00 – 5:00
Saturday	08:00 – 14:00

The property will be demolished by both hand, to allow the reclamation of certain materials and by mechanical means.

Materials will be removed from site by way of skips which will be delivered and exchanged on an as required basis, and should materials require dampening then the contractor will provide water to reduce dust in the work area. Should there be sufficient material to allow removal by lorry a 8 wheeled rigid lorry will be loaded by an excavator.

There is a small amount of asbestos that has been identified in the property from the survey that has been undertaken and this will be removed in accordance with current legislation.

Plant will be brought to site via a rigid lorry due to the constraints of the road network and parking on Higher Road.

On completion of the demolition, the ground will be left graded, similar to the current gradient of the land, free from obstructions ready for the main contract works to commence. The security fencing will remain in situ to ensure the area is secure as these will be required for the full duration of the development.

Main Contract Works

a) The location of parking of vehicles of site operatives and visitors

Details of Site Compound & Storage of Plant and Materials

The proposed location for the site compound is off the new estate road within the site the following facilities are proposed:

1no	9m Site Office
1no	9m Meeting Room
1 / 2no	9m Canteen / Drying Room
1no	9m ground works office
1no	9m Toilet Block
4no	Storage Container

The compound and welfare facilities may increase dependant on the pace of build and staffing / material requirements. Please refer to the enclosed plan detailing the compound set up.

Plant and materials will be stored both on site and within the compound.

The attached plan in appendix 1 details the locations of the proposed compound and storage areas that will be formed when the road has been installed in full. Due to the nature of this site, the road and sewers need to be installed and formed in full as the first operation on the development due to the drainage and needing to provide positive outfalls from the development. Foundation works will commence as the road progress but on completion of the road, gates will be set back from Higher Road allowing vehicles to drive straight into the site and a full one way system for deliveries will be provided and a clean running surface to minimise soil being spread on the local road network.

b) The location for the loading and unloading of plant and materials

A defined 'Storage' area will be established within the Site perimeter, away from all main access / egress points on Site.

Adjacent to the stores area will be a segregated (un)loading area for plant and materials. All (un)loading activities will only be carried out within the specified (un)loading area and undertaken from the newly constructed road to ensure soil is not transferred from the site to the adopted highway

This area will be a qualified banksman coordinating deliveries, and coordinate / control all vehicle movements in the area and ensure that all plant and materials are safely (un)loaded and stored in a suitable and sufficient manner. This will also monitor the delivery vehicles exiting site back onto the adopted highway.

c) The location of storage of plant and materials used in constructing the development

The attached plan in appendix 1 details the locations of the proposed location where plant will be stored when the site is not in operation and the location of the materials storage area

The forklift will be parked within the site compound area.

Grounworkers excavators and plant will be stored in their respective area of the materials storage area.

d) The locations of security hoarding

Metal vehicular gates will be installed at the entrance, set into the site to allow lorries to pull off the road and not obstruct the local road network when arriving at site. Changes may be made to suit the scheme and operations being carried out at the time.

The perimeter of the site will be fenced where there is insufficient boundary protections provided by the current hedges / fences to ensure that unauthorised access on the development cannot be gained

The principal contractor may also utilise security cameras which will be designed by a specialist sub-contractor to provide surveillance of the compound and site. Guards may be utilised on site at certain points during the build for added protection.

e) The location and nature of wheel washing facilities to prevent mud and stones/debris being carried onto the Highway (For the avoidance of doubt, such facilities shall remain in place for the duration of the construction phase of the development) and the timings/frequencies of mechanical sweeping of the adjacent roads/highway

Wheel wash facilities will be located at the site Access / Egress point. All delivery and construction vehicles on site will go through the wheel wash facility prior to leaving site and entering the adopted highway. In addition to this, a road sweeper will be utilised both on and off site to control soil contamination / transference to the adopted highway.

With the construction sequence proposed, following the earthworks operation and installation of the road network and compound, all on site vehicle movements will be on hard

surfaces which will minimise any material being taken off site and dropped onto the existing road network.

f) Periods when plant and materials trips should not be made to and from the site (mainly peak hours but the developer to identify times when trips of this nature should not be made)

As part of the order placement, subcontractors and material suppliers will be provided with a site instruction information pack. This will include details of the routes that deliveries will take to access the development and also the times that site will accept deliveries.

It is proposed that deliveries will only be accepted by site during the hours of:

Monday - Friday	00:00 – 18:00 (plant operation times)
Saturdays	08:00 – 14:00 (plant operation times)
Sundays	No deliveries
Bank Holidays	No deliveries

g) Days and hours of operation for all construction works.

Proposed Programme Dates

Demolition of Bungalow:	Nov 2023
Erect Hoarding and Signage:	Dec 2024
Earthworks and Groundworks:	Dec 2024
Superstructure Construction:	Jun 2025
Anticipated Completion of Build:	Sept 2027

Hours of Operation for Construction Work

Monday - Friday	08:00 – 18:00 (plant operation times)
Saturdays	08:00 – 14:00 (plant operation times)
Sundays	No works planned presently
Bank Holidays	No works planned presently

h) Details of good practice and management measures to be employed during the development, including the identification of suitable of suitable highway routes for plant and material deliveries to and from the site, and measures to ensure that construction and delivery vehicles do not impede access to and from the site.

As part of the order placement, subcontractors and material suppliers will be provided with site instruction information. This will include details of the routes that deliveries will take to access the development. Two routes have been identified and these are found in appendix 3

Both routes start the journey from leaving the local motorway network and will direct drivers to the site via the most direct and accessible route to minimise disruption in the local area and to local residents on the routes to the site.

In addition, good practice industry guidelines will be adopted

Dust

It is Onwards Policy to reduce any hazards arising from exposure to dust that is produced on all sites as far as reasonably practicable

Exposure to (especially containing respirable crystalline silica) can lead to the slow development of the irreversible lung disease Silicosis. Heavy and prolonged exposure under conditions that are sufficient to cause Silicosis can also lead to an increased risk of lung cancer.
All contractors carrying out activities such as mechanical cutting and grinding of stone, concrete and site transport that create substantial amounts of dust will ensure the following hierarchy of prevention is implemented:

- Adequate ventilation provided, or
- Water suppression system used, or
- Local ventilation system (vacuum) system used.

In addition, a dust mask to p3 standard must be worn by the operators of machinery creating the dust by persons carrying out sweeping up activities.

Where the above hierarchy cannot be employed those exposed to the dust must wear Respiratory Protection Equipment (RPE) – to grade APF 40 (full face respirator with filter to p3 standard.

Contractors must ensure that dust created by their work activities does not affect the health of other workers, residents and members of the public.

Please find attached Onwards Standard Working Practice document – "Control of Dust" to help illustrate the above point further.

Measure relating to construction waste management

Environmental Policy highlights the controls to be adhered to within the company. This includes such things as control and disposal of waste. Under no circumstance will waste be burned on site. All Waste is disposed of in designated skips for each waste categorisation required on Site. A defined and segregated waste / skip area will be implemented on site to manage and control waste on Site. All waste will be disposed of by a competent waste

contractor that has been approved as part of the Sub Contractor approval framework. Waste Transfer Notes will be provided for all waste removed and monthly waste reports are provided to highlighting the amount of waste / waste categorisation / type and amount of skips utilised etc. the above process is highlighted to all site staff at Induction.

Pollution prevention to include odour suppression, temporary drainage measures, control on re-fuelling activities and measures such as cut-off trenches to control gas mitigation

Refuelling will be undertaken in a designated location at the site compound area. All fuel tanks used on site are bunded and will be locked at all times when not in use. In addition, the site will have a spill kit available so any fuel be spilt to control and clean up the area in isolation and to avoid spread.

Odours and gas mitigation are not deemed to be required due to the ground conditions as seen in the submitted site investigation reports.

Temporary drainage – following the site strip, the initial works to be undertaken is to reprofile the site into development platforms. The only way this can be undertaken is to construct the road, drainage and retaining walls at the onset. With the installation and connection of the drainage to the sewer network, all surface water from the new hard standing will be discharged through the sewer network. Garden areas will be reviewed on site and measure will be taken if required.

Soil resource management including stock pile management

The preparation will involve the topsoil being scraped into piles and stored in sealed bunds on the site area. These initial locations will be determined by the ground worker to allow free movement of plant.

The Remediation and Earth Works Strategy is appended detailing the strategy that the ground workers will use to provide the development platforms for the site. These development platforms will also include retaining walls as well as bringing the sub structures up to a ground floor slab. The roads, sewers and plot drives will also be constructed at this very early stage.

As each section of properties are nearing completion of the sub structure, the top soil bunds will then be relocated into the rear gardens of the respective properties for future use inn creating the rear gardens. The front garden topsoil will be located near the compound area and transported into the gardens at the relevant time in the build.

Noise

It is the Policy of Onward to reduce any hazards arising from noise exposure that is produced on Onward sites as far as reasonably practicable

Contractors must ensure that plant and machinery brought onto the Group's sites are in good working order and suitably fitted with noise reduction measures, where necessary, and that the assessed level of noise of the plant / machinery is provided by the supplier/owner and made known to those who may be affected.

Where it is not practicable to reduce noise to an acceptable level, the Principal Contractor will arrange for 'Noise Protection Zones' to be established with noise warning notices displayed. All persons entering these areas must wear suitable hearing protection.

Contractors will be responsible for ensuring their workers are provided with the suitable hearing protection and have received information, instruction and training on noise hazards.

All Contractors must cooperate with the Principal Contractor in compliance with any noise levels and periods of permitted noise activities laid down by local authorities, which are necessary to prevent noise nuisance pollution.

Please find attached our Standard Working Practice – "Control of Noise" to help illustrate this point further.

Vibration monitoring will be undertaken during operations such as piling where vibrations will occur. In advance of these operations, limits will be put in place in line with the British Standards in accordance with the method statement of the chosen Sub Contractor. Copies of the monitoring will be available should they be required.

Asbestos

On new build projects, the main risk of coming into contact presumed ACM's is at the initial stage when groundworks / remediation activities are taking place. All Ground Investigations / Site Investigations will be interrogated for the presence of Asbestos Containing Materials. If these investigations highlight the possibility of ACM's on site, Risk Controls will be implemented to ensure that no construction personnel come into contact with ACM's. a Licenced Asbestos Removal Contractor will be utilised for the encapsulation / removal of any ACM's from Site. All contractors will sign into an 'Asbestos' Risk Assessment highlighting what to do in the event of coming into contact with ACMs. (stop work immediately and inform the Site Manager) This is also reiterated at Induction. If required, a watching brief will be put in place during any groundworks activities where there are presumed ACM's.

However, based on the findings of the Intrusive Site Investigation, no contamination was found but should Asbestos be uncovered, the Site Manager will act in accordance with the above

Measures to ensure that there is no burning of waste

Our Environmental Policy highlights the controls to be adhered to within the company. This includes such things as control and disposal of waste.

Under no circumstance will waste be burned on site.

All Waste is disposed of in designated skips for each waste categorisation required on Site. A defined and segregated waste / skip area will be implemented on site to manage and control waste on Site. All waste will be disposed of by a competent waste contractor that has been approved as part of Sub Contractor approval framework. Waste Transfer Notes will be provided for all waste removed and monthly waste reports are provided highlighting the amount of waste / waste categorisation / type and amount of skips utilised etc. the above process is highlighted to all site staff at Induction

Appendices

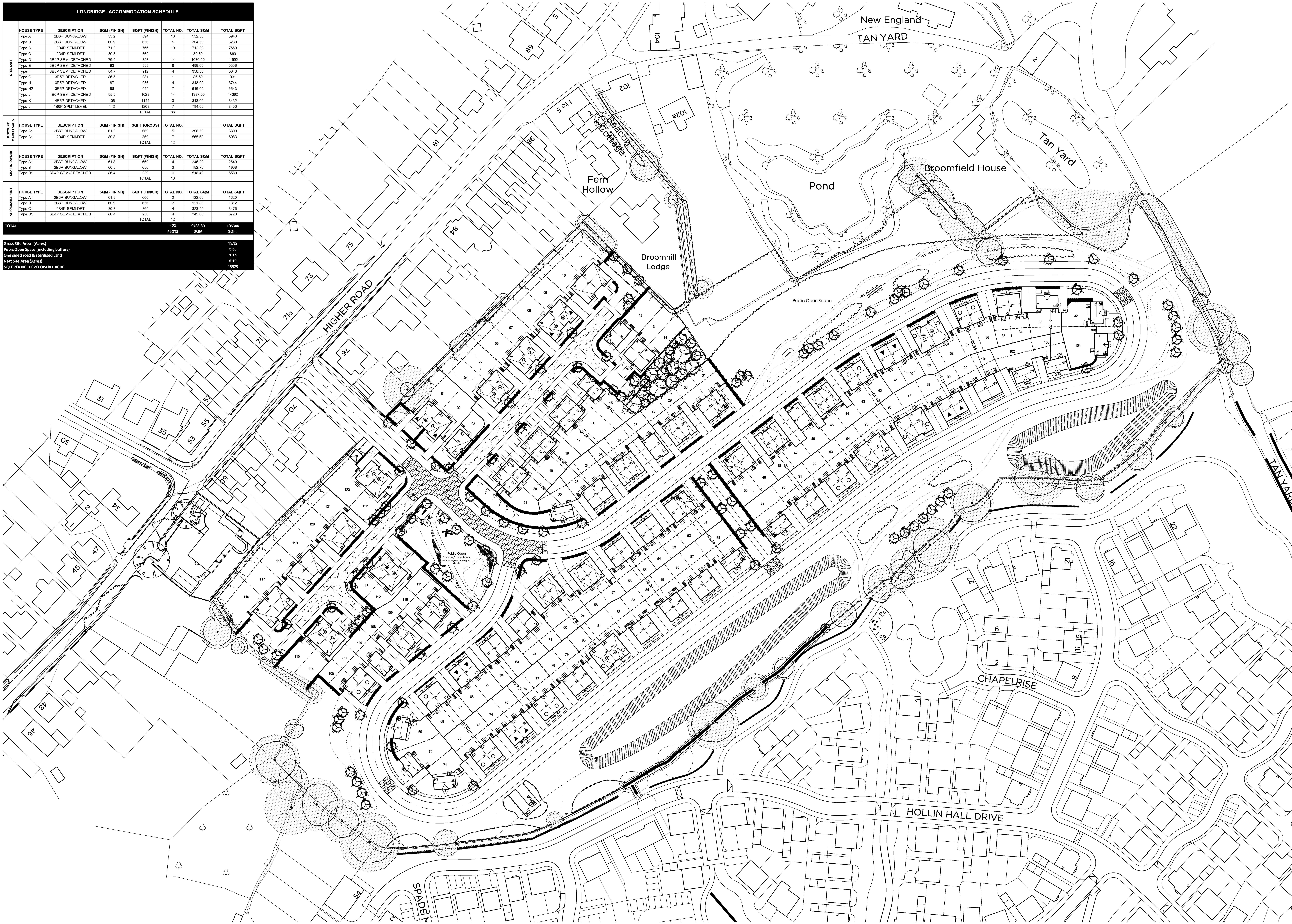
Documents attached to the Construction Method Statement are as follows:

1. Site Layout
2. Site Logistics Plan
3. Access Routes To Site
4. Google Earth Plan of the local area
5. Demolition Management Plan
6. Standard Working Practice in relation to Control of Dust
7. Standard Working Practice in relation to Control of Noise

Higher Road, Longridge

LONGRIDGE - ACCOMMODATION SCHEDULE							
OPEN SALE	HOUSE TYPE	DESCRIPTION	SQM (FINISH)	SQFT (FINISH)	TOTAL NO.	TOTAL SQM	TOTAL SQFT
	Type A	2B3P BUNGALOW	55.2	594	10	552.00	5940
	Type B	2B3P BUNGALOW	60.9	656	5	304.50	3280
	Type C	2B4P SEMI-DET	71.2	766	10	712.00	7660
	Type C1	2B4P SEMI-DET	80.8	869	1	80.80	869
	Type D	3B4P SEMI-DETACHED	76.9	828	14	1076.60	11592
	Type E	3B5P SEMI-DETACHED	83	893	6	498.00	5358
	Type F	3B5P SEMI-DETACHED	84.7	912	4	338.80	3648
	Type G	3B5P DETACHED	86.5	931	1	86.50	931
	Type H1	3B5P DETACHED	87	936	4	348.00	3744
	Type H2	3B5P DETACHED	88	949	7	616.00	6643
	Type J	4B6P SEMI-DETACHED	95.5	1028	14	1337.00	14392
	Type K	4B6P DETACHED	106	1144	3	318.00	3432
	Type L	4B6P SPLIT LEVEL	112	1208	7	784.00	8456
				TOTAL	86		
DISCOUNT MARKET SALES	HOUSE TYPE	DESCRIPTION	SQM (FINISH)	SQFT (GROSS)	TOTAL NO.		TOTAL SQFT
	Type A1	2B3P BUNGALOW	61.3	660	5	306.50	3300
	Type C1	2B4P SEMI-DET	80.8	869	7	565.60	6083
				TOTAL	12		
SHARED OWNER	HOUSE TYPE	DESCRIPTION	SQM (FINISH)	SQFT (FINISH)	TOTAL NO.	TOTAL SQM	TOTAL SQFT
	Type A1	2B3P BUNGALOW	61.3	660	4	245.20	2640
	Type B	2B3P BUNGALOW	60.9	656	3	182.70	1968
	Type D1	3B4P SEMI-DETACHED	86.4	930	6	518.40	5580
				TOTAL	13		
AFFORDABLE RENT	HOUSE TYPE	DESCRIPTION	SQM (FINISH)	SQFT (FINISH)	TOTAL NO.	TOTAL SQM	TOTAL SQFT
	Type A1	2B3P BUNGALOW	61.3	660	2	122.60	1320
	Type B	2B3P BUNGALOW	60.9	656	2	121.80	1312
	Type C1	2B4P SEMI-DET	80.8	869	4	323.20	3476
	Type D1	3B4P SEMI-DETACHED	86.4	930	4	345.60	3720
				TOTAL	12		
TOTAL					123 PLOTS	9783.80 SQM	105344 SQFT

Gross Site Area (Acres)	15.92
Pubic Open Space (including buffers)	5.58
One sided road & sterilised Land	1.15
Nett Site Area (Acres)	9.19
SQFT PER NET DEVELOPABLE ACRE	13375



- Do not scale from this drawing - Work to figured dimensions only. All dimensions to be checked on site prior to the execution of any work.
- For the avoidance of doubt all dimensions are measured to wall structure and not the finishes unless otherwise stated.
- Where any discrepancy is found to exist within or between drawings and/or documents it should be reported to the architect immediately.
- MPSL Planning & Design Ltd. shall not be liable for any use of drawings and documents for any purpose other than for which the same were prepared by or on behalf of MPSL Planning & Design Ltd.

Note: Layout to be read in conjunction with the engineers drawings, landscape layout and boundary treatment layout.
Refer to title plan for ownership boundary.
Refer to engineers drawings for retaining wall heights.

OVER 55'S PROPERTIES

- Denotes over 55's properties, S106 compliant
- Denotes over 55's properties, non S106 compliant

AFFORDABLE ALLOCATION (S106)

- Denotes Affordable Rent
- Denotes Shared Ownership
- Denotes Discounted Market Sale

SURFACE TREATMENTS

- Denotes 5.5m wide spine street with 2.0m wide footway & 3.0m shared cycle route. Black tarmac - Primary.
- Denotes 5.5m wide shared access streets with 2.0m wide footways in black tarmac with contrasting chippings - Secondary.
- Denotes parking bays and driveways - Black tarmac.
- Denotes 3m wide cycle route - northern side of the primary spine street.
- Denotes proposed traffic calming measure.
- Denotes block paving to raised speed tables.
- Denotes contrasting surface treatment to private driveways.

BOUNDARY TREATMENTS

- Denotes proposed retaining wall positions - Refer to the engineers drawings for heights.
- Denotes 1.8m high brick wall & piers.
- Denotes 1.8m high brick piers & 1.8m close boarded timber panels in between.
- Denotes 1.8m high close-boarded timber screen fence.
- Denotes 1.8m high plot-divisional fence.
- Denotes 1.1m high balustrade to rear garden access platform for split level types.
- Denotes 1.1m high railings around play area.
- Denotes 0.6m high brick wall and piers.
- Denotes 0.45m high timber knee rail.
- Denotes lockable gate.

HARD & SOFT LANDSCAPING

- Denotes existing trees to be retained, root protection area shown dashed. - Refer to TPP for further details.
- Denotes proposed trees - Refer to the landscape layout for further details.
- Denotes 5m landscape buffer to northern boundary - Refer to landscape layout for further details.
- Denotes proposed hedge planting - Refer to landscape layout for further details.
- Denotes existing trees to be removed - Refer to TPP for further details.

GENERAL

- Denotes refuse bin storage position.
- Denotes property entrance point - refer to engineers drawings for details of Part M compliance.
- Denotes duel aspect house types.
- Denotes properties which feature additional windows to side elevations to address the street.

Rev	Date	Revision	Initial
P6	22.03.22	Third parking space indicated on plots 15 - 21. Additional space provided for plots 57-60 & 108 / 109. Plots 36 / 37 substituted with plots 25 / 26.	SLR
P5	24.02.22	Plots 40 / 41/ 98 / 99,changed from the Type C1 to the Type D1.	AD
P4	17.02.22	Plots 23 / 24 / 34 / 35 / 55 / 56 / 86 / 87/ 90 / 91, changed from the Type C to the Type D. Plots 53 / 54 changed to Type C.	SLR
P3	04.02.22	Parking spaces for plot 12-14 & 112-113 revised, schedule of accommodation revised, parking drives revised to 11m for 2&3 bed properties and 16.5m for 4 bed properties.	AD
P2	15.11.21	Site wide redesign to improve interface distances, address highway and planning comments, and reduce retaining wall heights across the site.	SLR

+ Client

STANLEY INVESTMENTS

+ Drawing Title

PROPOSED SITE LAYOUT

+ Project

Proposed Residential Development
Higher Road, Longridge

Job No	Drg No	Drawn	Rev
20126	01	slr	P6
Scale	Date	Stage	
1:500 @ A0	April 2021	FOR PLANNING	

mpsl planning & design ltd
14 west point enterprise park,
clarence avenue, trafford park,
manchester. M17 1QS

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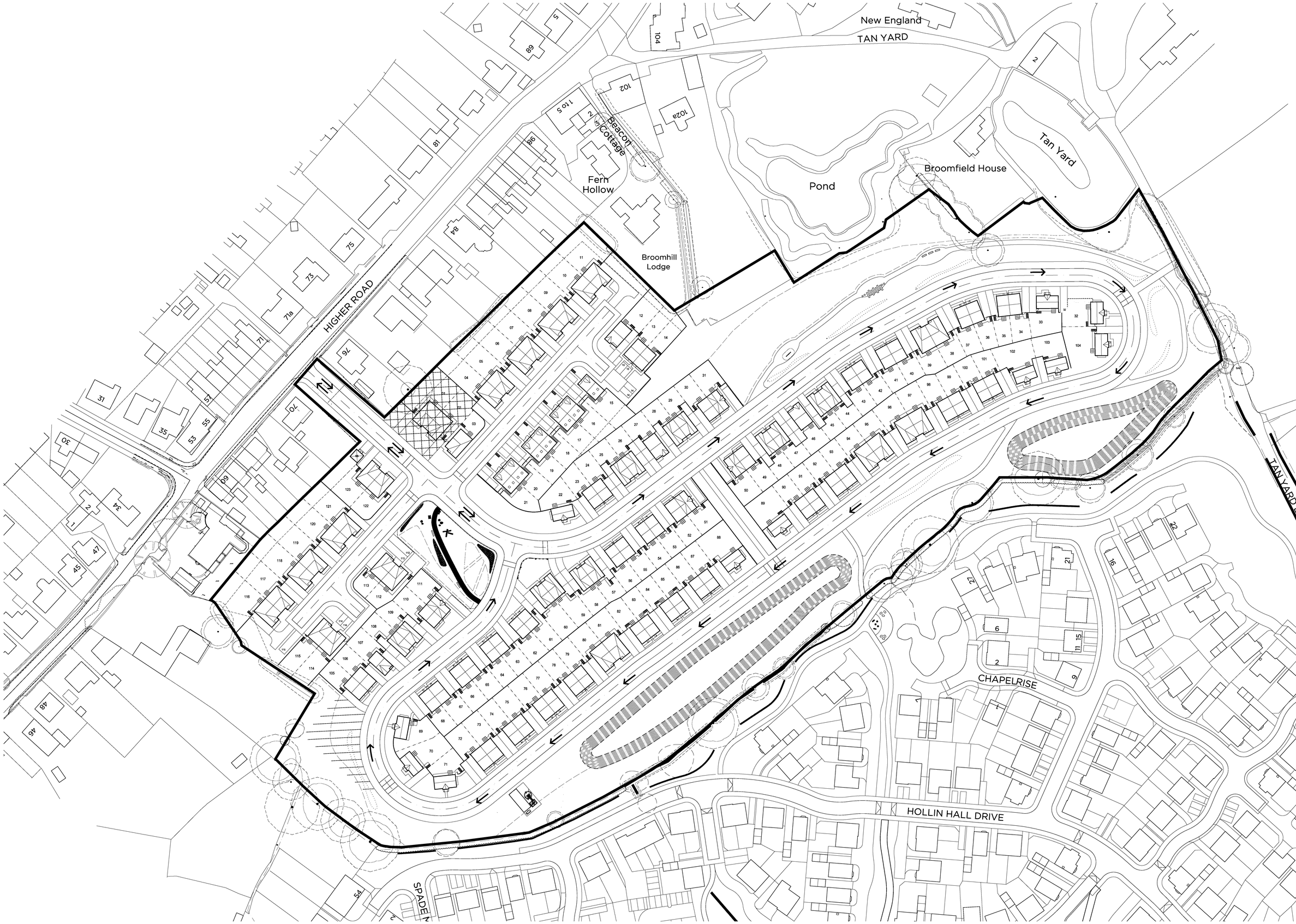
mpsl planning design

Higher Road, Longridge



KEY

- Denotes boundary fence - Where required.
- Denotes Temporary Compound & Car Park.
- Denotes Site Compound.
- Denotes Materials Compound.
- Denotes Wheel wash facility.
- Denotes Site Car Park.
- Denotes direction of delivery movement across the Site.

Rev	Date	Revision	Initial

+ Client

Onward

+ Drawing Title

CONSTRUCTION MANAGEMENT PLAN

+ Project

Proposed Residential Development
Higher Road, Longridge

Job No	Drg No	Drawn	Rev
23014	09	OJM	--
Scale	Date	Stage	
1:500 @ A0	JUNE 2023	For Construction	

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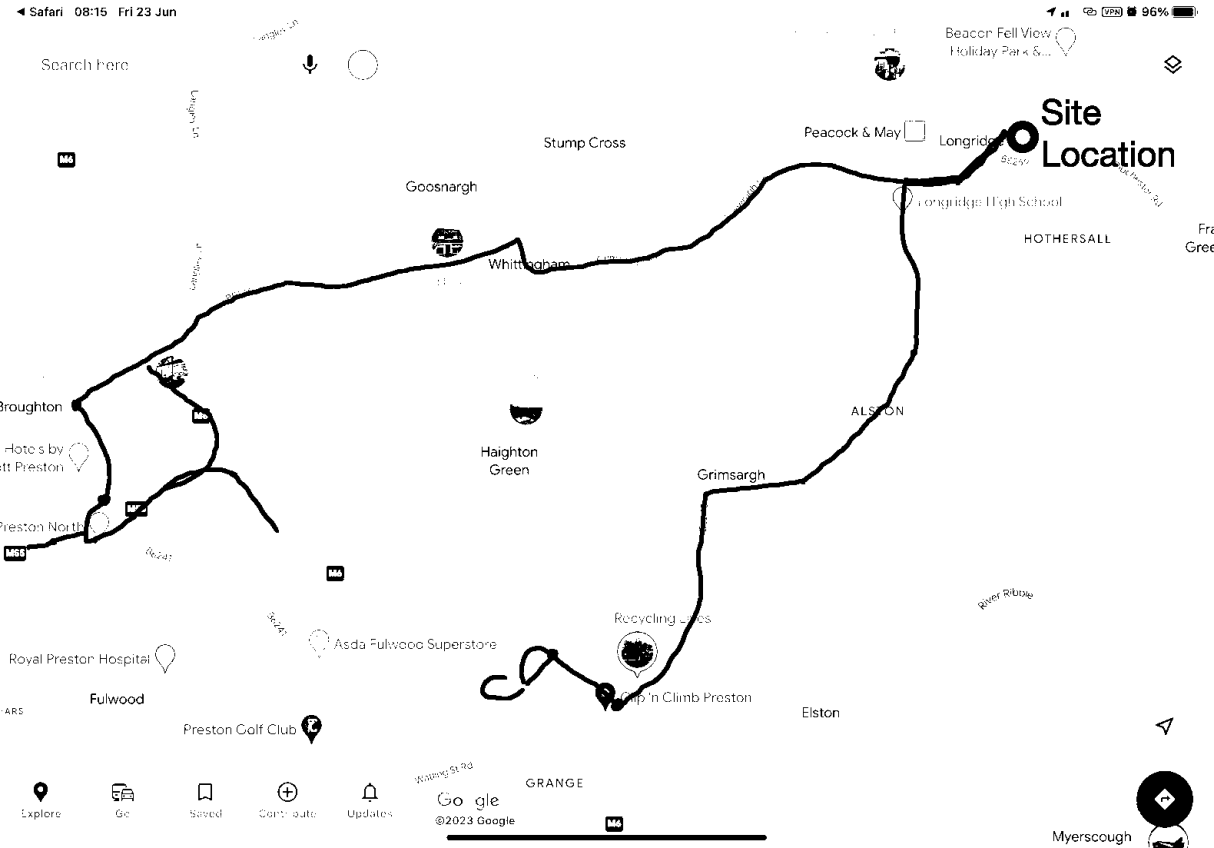
mpsl planning design


Site Location
Search here
Beacon Fell View Holiday Park &...
Peacock & May
Longridge
Stump Cross
Goosnargh
Longridge High School
HOTHERSALL
Whittingham
Broughton
Haighton Green
ALSTON
Grimsargh
Preston North
Recycling Centre
River Ribble
Asda Fulwood Superstore
Royal Preston Hospital
Fulwood
Preston Golf Club
Clip 'n Climb Preston
Elston
GRANGE
Myerscough
Google
©2023 Google
Explore
Go
Saved
Contribute
Updates


Safari 08:16 Fri 23 Jun
98%
Search here
The Alston Pub & Dining
Beacon Fell View Holiday Park &...
Peacock & May
Longridge
Longridge High School
HOTHERSALL
Stump Cross
Goosnargh
The Stags Head
Whittingham
Cumeragh Ln
Langley Ln
B5269
Ribchester Rd
M6
The Italian Orchard
Broughton
Haighton Manor
Haighton Green
ALSTON
Grimsargh
B6243
Hotels by Preston
Preston North
M55
B6244
River Ribble
Recycling Lives
Asda Fulwood Superstore
Royal Preston Hospital
Fulwood
Preston Golf Club
Clip 'n Climb Preston
Elston
GRANGE
Watling St Rd
Explore
Go
Saved
Contribute
Updates
Google
©2023 Google - Imagery ©2023 Infoterra Ltd & Bluesky, Airbus, The GeoInformation Group, CNES / Airbus, Landsat / Copernicus
Myerscough

I&R DEMOLITION Ltd

Demolition | Deconstruction | Site Clearance

I&R Demolition & Groundworks Ltd
2 Hill Top Cottage | Hill Top Farm |
Jeggs Lane | Barton | Preston | Lancashire | PR35AX
Tel: 01772 862 975 [redacted]
Email : enquiries@irdemolitionltd.co.uk

Demolition Plan of Works

For

74 Higher Road, Longridge

On behalf of

Onward Homes

Review No	Date	Comments from review	Signed Project Manager	Signed Site Manager
First Issue				
Revision 1				
Revision 2				
Revision 3				
Revision 4				
Revision 5				
Revision 6				
Revision 7				
Revision 8				
Revision 9				
Revision 10				
Revision 11				

(MAXIMUM PEROID BETWEEN REVIEWS TO BE 1 WEEK)

Contents:

1) Introduction

This policy statement and policy document have been prepared in accordance with the requirements of the Health and Safety at work act 1974.

Health and Safety Policy Statement
As a responsible employer, I&R Demolition & Groundworks Ltd seek through this document to carry out all statutory duties under the Health & Safety at Work Act 1974, to prepare and keep revised a written statement of Health & Safety Policy, and bring this to the notice of all our employees. This general policy statement of health & safety is the commitment of this Company to comply with current health & safety legislation.

It is the responsibility of [redacted] together with company management, to ensure that the working environment is safe and without significant risks to health & safety and meets the appropriate statutory requirements. It is recognised that all levels of employees have a vital role to play in the implementation and maintenance of the health & safety programme, for the premises and other locations where employees are at work.

Our Statement of General Policy is To:

- Take the necessary actions to enable have good standards of health and safety in this organisation.
- Maintain safe and healthy working conditions.
- Prevent accidents and cases of work – related ill health, and provide adequate control of health and safety risks arising from work activities.
- Ensure all employees are competent to undertake their tasks and to give them adequate training.
- Provide sufficient information, instruction, training and supervision for all employees and trainees.
- Ensure the safe storage, handling, use and control of hazardous / dangerous substances.
- Provide and maintain safe plant and work equipment.
- Engage and consult with employees on day-to-day health and safety conditions and provide advice and supervision to occupational health issues.
- Implement emergency procedures – evacuation in case of fire or other significant incident.
- Ensure sufficient financial resources for health, safety and welfare requirements, and contingencies.

This Company policy will be reviewed and revised at regular intervals and those changes will be brought to the notice of all our employees.

Signed by:_____

Date: 26/06/2023

For and behalf of: I&R Demolition & Groundworks Ltd

2) Description of Project

Project title:
74 Higher Road

Description of the project:
Demolition of bungalow + garage

Project Address:
74 Higher Road, Longridge, PR3 3SY

Construction tasks / Scope of works

- Removal of Asbestos prior to demolition.
- Internal strip out works.
- Demolition of buildings.
- Grub up slabs + foundations.
- Crush hardcore on site.

Restrictions Imposed By the Client

None

Site Manager	[redacted]	[redacted]
Project Manager	[redacted]	[redacted]
Site First Aider	[redacted]	[redacted]

3) Environmental Policy Statement

It is I&R Demolition's Policy to plan and execute operations in an environmentally friendly manner so as to minimise consequential environmental impacts. Every member of I&R Demolition is committed to fulfilling our legal obligations and other requirements to which the Company subscribes, to ensuring the conservation of natural resources, to the prevention of pollution and the elimination of environmental hazards which may be associated our operations.

To ensure achievement of this policy I&R Demolition's Environmental Objectives are:

- To maintain awareness of and to comply with appropriate environmental legislation, regulations and accepted standards and codes of practice.
- To fully meet Customer and interested parties stated and/or perceived environmental expectations by the prevention of pollution and the provision of professional demolition and waste recycling services.
- To minimise the environmental impact of operations through reinvestment in new processing techniques, undertaking the most effective available waste handling techniques and employee training in best practices.
- To ensure our suppliers and/or any sub-contractors appointed to conduct works on I&R Demolition's sites will be fully aware of our environmental policy and procedures ensuring this policy is adhered to.
- To continually review and monitor all aspects of the Company's activities to identify opportunities for implementing environmental performance improvement.
- To maintain plant and machinery to the highest level ensuring minimum risk to the environment.
- To provide all our site employees with instructions and information given any training necessary to ensure this policy is fulfilled.

Waste Management

Further to our Environmental policy statement below are details on how we deal with and remove waste from site arising from demolition activity.

- Wood waste generated is loaded into RORO skips and removed as the demolition/site clearance progresses with skip exchanges frequently to keep up with demand.
- Wood products suitable will be taken to a wood recycling centre for processing into renewable energy.
- General waste will be separated, placed into a RORO skip for recycling at a designated transfer station.
- Scrap metal will be processed on site with a shear attachment fitted to our excavator. Once processed it will be live loaded into scrap bulk trucks and removed off site.
- General small scrap pieces will be loaded into RORO skips and exchanged as required.
- Hardcore materials will be crushed on site to 6F2 grade and removed off site in tipper lorries.

4) COVID 19 Policy

Policy brief & purpose

This company policy includes the measures we are actively taking to mitigate the spread of coronavirus. You are kindly requested to follow all these rules diligently, to sustain a healthy and safe workplace in this unique environment. It's important that we all respond responsibly and transparently to these health precautions. We assure you that we will always treat your private health and personal data with high confidentiality and sensitivity.

This coronavirus (COVID-19) company policy is susceptible to changes with the introduction of additional governmental guidelines. If so, we will update you as soon as possible by email.

Scope

This coronavirus policy applies to all of our employees who physically work in our office(s). We strongly recommend to our remote working personnel to read through this action plan as well, to ensure we collectively and uniformly respond to this challenge.

Policy elements

Here, we outline the required actions employees should take to protect themselves and their co-workers from a potential coronavirus infection.

Sick leave arrangements:

- If you have cold symptoms, such as cough/sneezing/fever, or feel poorly, request sick leave or work from home (office staff).
- If you have a positive COVID-19 diagnosis, you can return to the workplace only after you've fully recovered, with a doctor's note confirming your recovery.

Work from home requests

- If you are feeling ill, but you are able to work, you can request to work from home (office staff).
- If you have recently returned from areas with a high number of COVID-19 cases we'll ask you to work from home for 14 calendar days, and return to the workplace only if you are fully asymptomatic. You will also be asked not to come into physical contact with any colleagues during this time.
- If you've been in close contact with someone infected by COVID-19, with high chances of being infected yourself, request work from home. You will also be asked not to come into physical contact with any colleagues during this time.
- If you're a parent and you have to stay at home with your children, request work from home. Follow up with your manager to make arrangements and set expectations.
- If you need to provide care to a family member infected by COVID-19, request work from home. You'll only be permitted to return to the office 14 calendar days after your family member has fully recovered, provided that you're asymptomatic or you have a doctor's note confirming you don't have the virus. You will also be asked not to come into physical contact with any colleagues during this time.

Traveling/commuting measures

- All work trips and events – both domestic and international – will be cancelled/postponed until further notice.
- In-person meetings should be done virtually where possible, especially with non-company parties (e.g. candidate interviews and partners).
- If you normally commute to the office by public transportation and do not have other alternatives, you can request to work from home as a precaution.
- If you are planning to travel voluntarily to a high-risk country with increased COVID-19 cases, we'll ask you to work from home for 14 calendar days. You will also be asked not to come into physical contact with any colleagues during this time.

General hygiene rules

- Wash your hands after using the toilet, before eating, and if you cough/sneeze into your hands (follow the 20-second hand-washing rule). You can also use the sanitizers you'll find around the workplace.
- Cough/sneeze into your sleeve, preferably into your elbow. If you use a tissue, discard it properly and clean/sanitize your hands immediately.
- Open the windows regularly to ensure open ventilation.
- Avoid touching your face, particularly eyes, nose, and mouth with your hands to prevent from getting infected.
- If you find yourself coughing/sneezing on a regular basis, avoid close physical contact with your coworkers and take extra precautionary measures (such as requesting sick leave).

5) Arrangements for Monitoring Health & Safety

The following techniques will be used for monitoring compliance with:

- Legal requirements
- The health and safety rules contained within the plan
- The procedures for contractor selection and management of trades
- Special requirements for public interfaces

Routine inspections

A routine inspection of every workplace will be carried out at least once a week and the Health and Safety Monitoring – Weekly report sheet will be used to record the observations made and the remedial actions taken. Items such as holes and edge protection will be inspected daily by site manager (visual inspection)

The following persons are responsible for carrying out routine inspections on a weekly basis. An inspection regime will be produced highlighting who will be responsible for what. This will be posted on the site safety notice board and regularly reviewed.

Area to be inspected	**Inspected by Whom**
Whole Site	Site Manager
Site Fencing	Site Manager
Hole and Edge Protection	Site Manager
Plant and Machinery	By Operator with daily check sheet
Harnesses	User
MEWPS	User
Scaffold Inspection	Qualified persons or scaffold contractor

Workplace Inspections

Workplace inspections as required will be carried out by the person in control in the specific workplace, whether it be I&R Demolition or sub – contractor.

Compliance Monitoring

Compliance monitoring will be carried out to verify that agreed procedures and methods are being implemented and are producing the required results.

Compliance monitoring will be carried out by:

- The manager/supervisor controlling the area in which work takes place.
- Visiting personnel, including the allocated safety advisor/

- Observations and actions arising from monitoring to be tabled at the meetings.

Tool Box Talk

TBT will be carried out as an when the project requires it regarding change in original methodology, change in site conditions or safety plans which may have changed from the original stated in the site inductions. All TBT's will be recorded and signed by site personnel to show compliance and understanding.

Safety Review

I&R Demolition will carry out a Health and Safety review at least quarterly. The adequacy of this Health and Safety Plan will be assessed as part of this review.
Any significant findings from the reviews will be included in the Health and Safety plan as an amendment and distributed to the relevant parties. The Demolition Plan of Works will be reviewed weekly and when there is a change to the initial methodology e.g. fire safety procedure, change to traffic management etc.

6) Arrangements for Communication

With the Project Team

- Project Health and Safety Launch
- Regular Team Meetings
- Morning meetings with key personnel
- Formal correspondence (appointment letters)
- Management by Walking About

With the Client

- Continuing Liaison will be maintained with the principal designer.
- Monthly meeting – safety issues reported and minuted
- Formal correspondence (RFI's etc)

With the Principal Designer and Designers

- Liaison on site with the structural engineer

With Sub-Contractors

Method	**Frequency**	**By Whom**
Pre start meetings	Once prior to start on site	Principal Designer, Principal Contractor, Sub-contractors
Progress meetings (inc Health & Safety	Once per week	Project Manager and Site manager
Safety Meetings	Once per month	Project Manager and Site manager
Health & Safety Emergency meetings	As required	Site manager + Principal Contractor
Written Instructions	As necessary	Site manager
Verbal Instructions	As necessary	Site Manager

Walk About	Daily	Site Manager
Design Coordination Meetings	To be agreed by Project Manager	Principal contractor
Coordination Meetings	Once per day – High risk Once per week – Medium risk Once per month – low risk	Project Manager and site manager

With Others that May be Affected

1. Public – visitors, drivers, pedestrians, etc will be made aware of activities via the site notice board & other signage and barriers.
2. Highways and local authorities notified for movement orders.
3. Police & other emergency services will be notified in writing (if required)
4. Environment Agency, Local Authorities, etc will be notified in writing.
5. Specified persons on site at all times to take any questions from local residents while demolition works are underway.

With Site Workers

1. Health and Safety induction
2. Daily contact on site
3. Tool box talks and associated feedback
4. Method statements
5. Designated safety notice board
6. Signs and posters

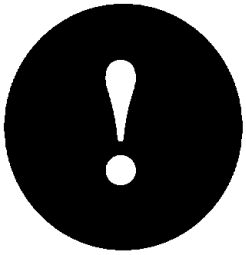
7) Site Safety + Training

Inductions

- All operatives will be given an induction prior to commencing work on site.
- Inductions will be given by a Site Manager for any new sub-contractors/staff that undertake works on site. The inductee must report to site before 08:00 so that they may be booked onto site.
- I&R Demolition management must be informed of all new starters prior to their arrival on site.
- On arrival to site all new starts must provide evidence of competence for any task they are required to undertake CSCS / CCDO / NPORS card or any other approved card.
- A record of all inductions given will be obtained.
- Entrance to site will be monitored by the Site Manager and locked during the working day.
- Designated smoking area will be made clear in the site induction.

Site Safety Rules

These are shown overleaf and will be appended to the site notice board.



GENERAL
SITE SAFETY RULES

1. All personnel shall undergo safety induction training.
2. Appropriate Personal Protection Equipment shall be worn at all times.
3. Every accident and near miss event must be reported to the Site Manager immediately.
4. Any person found to be interfering with or misusing fixtures, fittings or equipment provided in the interest of health, safety and welfare shall be excluded from site.
5. No smoking on site.
6. Visitors must report to Security and will be allowed entry at Site Manager's entrance. Whilst on site visitors must wear the appropriate PPE.
7. Vehicle drivers must wear the appropriate PPE (when outside vehicle). Vehicles are not to be reversed at the front of the building unless under the control of an authorized banksman.
8. Vehicle drivers must remain with their vehicle during loading / unloading
9. Safety signs and notices must be followed.
10. The public must be protected from hazards associated with this work
11. No alcohol or illegal drugs are to be brought onto the site
12. No person who is under the influence of alcohol or drugs is allowed on site
13. Offensive or inappropriate language and provocative gestures are not allowed
14. No gambling, threatening or violent behaviour
15. No personnel shall indulge in fighting, horseplay or practical jokes within the site or its perimeter.
16. Toilets and washrooms must be kept in a clean and hygienic state after use
17. Refuse must not be allowed to accumulate; work areas are to be kept tidy
18. Combustible materials are to be removed on a regular basis and disposed of in an appropriate manner.
19. Transistor radios or personal audio devices are not to be used.
20. Permission must be obtained from the Site Manager prior to any work on site on site.
21. All site personnel, for their own safety and for the safety of others, are required to fully comply with their employer's statement of safe working method.
22. Site fire and emergency alarms, equipment and instructions are designed to protect life. They must be followed.

8) Project Notification and Statutory Notices

I&R Demolition will display Health & Safety at work poster, in the welfare unit on site with the general risk assessments and a copy of this plan, insurances and any revision of it.

Project Dates

Site Possession	(TBC)
Site Commencement	(TBC)
Early or partial completion dates	N/A
Completion date	TBC
End of 12 Month defect period	N/A

Project Contacts

Client

Onward Homes

[redacted]

Project Managers
I&R Demolition Ltd

[redacted]
E: enquiries@irdemolitionltd.co.uk

Principal Contractor
I&R Demolition Ltd

Contact: Ian / Ryan Tomlinson
T: 01772 862975
E: enquiries@irdemolitionltd.co.uk

Sub – Contractor
N/A

Health and Safety Executive & Employees Medical Advisory Service

HSE and EMAS

Contact: 020 7556 2109

Utility Companies:

Electricity:	**Emergency Telephone No.** 0330 1230675
Gas:	**Emergency Telephone No.** 0800 111 999
Telecommunications:	**Dial-before-you-dig service** 0800 917 3993
Water:	**Report a Leak** 0800 393 084 **Sewerage system flood** 0800 328 7648

Extent and Location of Existing Records and Plans

Copies of the known underground services survey will be issued on site identifying location of live cables. This survey will be included in our Health and Safety file.

9) Health and Safety Goals

It is the intention of I&R Demolition to ensure the Health & Safety is given due regard on this contract.

To achieve this the cooperation of all contractors is essential, together with good planning, adopting a risk assessment approach to identify hazards and so eliminate risks.

I&R Demolition will act as Principal contractor for the duration of their works (Asbestos removal + demolition). Contractors are expected to comply with current legal requirements, good working practices, and the site rules which should be brought to the attention of employees and contractors working on the site.

I&R Demolition will make available appropriate welfare arrangements and unless contract documents state otherwise these will be available to all contractors. Contractors are expected to use these facilities in a sensible way.

With regards to accidents, incidents or near miss incidents, the principal contractor must be informed and if the incident is reportable to the Health and Safety Executive a copy of the report form must be given to the Principal Contractor.

We ask contractors and employees to assist in implementing this guidance and so ensure a safe and healthy site for everyone. If any employee sees an unsafe situation or finds themselves in a position of danger they should report it immediately to the Site Manager.

10) Accident and Incident Reporting

Definition

- RIDDOR injuries and incidents are those defined in the Reportable Injuries, Diseases and Dangerous Occurrences Regulations (RIDDOR)

Immediate Reporting of all Incidents

- Site Manager must be informed of any incidents on site by the quickest possible means.

Arrangements by I&R Demolition

- I&R Demolition will ensure all accidents/near misses will be investigated in compliance with the current regulations.
- Any Injuries or diseases will be reported to the Health and Safety Executive. Any dangerous occurrences on site will be reported to the Health and Safety Executive.
- An accident book will be kept on site for the use of recording injuries, unless otherwise agreed each contractor will be required to bring their book to each progress meeting to discuss and verify injuries / entries (reportable and non – reportable) since last meeting.
- If an incident should occur to a member of the client's team or a member of the public etc. I&R Demolition will investigate the incident and ensure that the HSE are notified by the relevant method.
- All near misses/accidents/incidents are reported internally.

REPORT NUMBER

CHALLENGE

Person affected / injured

Name

Home Address

Occupation

Work's Number

Person reporting the incident

Name

Home Address

Occupation

Department

Date

Accident / incident

Date

Date

Time

Explanation of how injury occurred

REPORT NUMBER

CHALLENGE

Person affected / injured

Name

Home Address

Work's Number

Person reporting the incident

Name

Home Address

Department

Date

Accident / incident

Date

Date

Time

Arrangements for Others to inform I&R Demolition

- Contractors are required to inform the I&R Demolition Site Manager of any incidents on site by the quickest possible means. Formal notification will be made to the I&R Demolition Site Manager within 24 hrs.
- The employing contractor will be reported to the Health and Safety Executive with Reportable injury, Disease or Dangerous Occurrence, information and must also provide the following information to I&R Demolition

1. A Copy of the relevant page of the contractors accident book
2. Full details and nature of injuries or the occurrence
3. Accurate details of the treatment received both on and off site
4. A copy of the completed F2508 form issued to the HSE

The Result of an in-depth incident investigation will detail:-

- Full details and nature of the incident
- Circumstances of the incident
- Direct reasons for the incident
- Indirect reason for the incident
- Copies of statements from any witnesses
- Where possible a copy of a statement from the injured party or owner of damaged property
- Measures taken to prevent a re – occurrence of the incident and details of how preventative measures have been communicated to those potentially affected

Contractors also required to keep I&R Demolition informed of the subsequent developments of long term injuries, diseases and dangerous occurrences.

Unplanned Events

- Report all incidents to the Site Manager so we can learn from our mistakes and prevent recurrence.
- Know the best means of escape from you work area and your assembly point.
- Fight fires quickly with the correct extinguisher, if competent, after raising alarm.
- We will not tolerate damage to Company property, safety equipment or personnel property, but we cannot be responsible for your own possessions or vehicles.
- Unsafe working will not be tolerated and positive action will be taken.

General

- Take notice of signs and instructions
- Do not bring children or pets to site
- Inform your Site Manager If you think something is unsafe
- Keep noise and dust levels down to the minimum and wear PPE/RPE

11) Fire and Emergency Procedures & Emergency Contact Numbers

In the event of a fire all employees shall assemble at the muster point located in the fire plan which will be displayed in the welfare unit and briefed in the site induction. Should there be a fire in any of any of the structures all employees will assemble at the same muster point highlighted in the site plan.

I&R Demolition has appointed a central point of contact and emergency controller to develop and maintain emergency procedures and take control in emergency situations.

Central Point of Contact	Site Manager
Emergency Controller	Site Manager
Emergency Procedures	Site Manager
First Aider	[redacted]

Communications & Emergency contact with the following Emergency Services

- Fire Brigade
- Ambulance
- Police
- Accident and Emergency Hospital

In all cases these will be via the 999 emergency services should they be required. All contact with these services should be via the Construction Manager who will have the relevant access and contact details already arranged

Fire and Emergency Plan

- **I&R Demolition Emergency Controller** – Site Manager
- **First Aid Point including location of boxes** – Site office / Mess Area
- **Site Security** – All entrances to site to be locked off and checked by the Site Manager at the end of each working day.
- **Emergency Services location Plan** – Details displayed in the Site Office with nearest hospital and quickest route to get there.
- **Emergency escape routes** – Emergency fire plan located in the site office detailing muster point, quickest way out of the building.

- **Training** – Fire plan to be covered in site induction with copy of evacuation route displayed in the site office.
- **Fire risk assessments** – Hot works permit will be issued before any works commences (documents attached).
- **Fire Escape and Assembly Points** – Details in the welfare unit

Emergency Contact details

[redacted]

12) Welfare + First Aid

Welfare

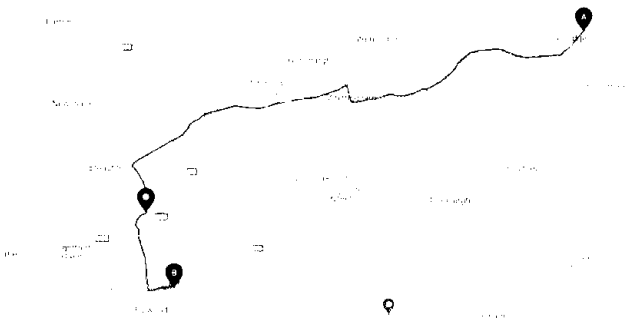
- Portable toilets will be provided with hot wash facility.
- Adequate drinking water will be on site at all times to cover the amount of operatives.
- Facilities to be cleaned and maintained regularly as part of the hire t/c.
- To ensure these are maintained to the highest standard the Site Manager will undertake a daily visual check.
- Site generator will be used to power the cabin and general site power.

First Aid

- The First aid box will be kept on site
- The Accident Book will be kept on site
- Names of First Aider can be found on the safety notice board.
- At least one First Aider will be provided for every 50 people on site. All Trade Contractors will provide at least 1 First Aider.
- Copy of First Aid certificate attached in welfare unit with contact details.

Nearest Hospital

Royal Preston Hospital
Sharoe Green Lane
Fulwood
Preston
PR2 9HT



A copy of the vehicular route to the hospital will be produced and copy displayed in the site office with additional copies available should they be required.

13) Security + Layout Plan

The site entrance will be from Higher Road and fully secured with steel heras fencing erected on the front perimeter.

Key holders will be I&R Demolition, all visitors and workforce will enter the unit via the site entrance into the compound area and sign in at the site office which is located at the front of the site.

Site traffic will enter through the one way system access arrangements.

Site plan will be displayed in the site office and created based on site visit prior to works commencing.

Traffic management

Section of footpath will potentially be closed to allow safe vehicle movements and parking while the demolition works are carried out. A banksman will be present at all times while vehicle movements are carried out.

14) RAMS + COVID RAMS

Risk Assessments and Method Statement Approval

Where job Specific method statements required, a risk assessment must already have been provided incorporating control measures within standard operating procedures or site rules and must be enforced.

The Risk Assessments undertaken by I&R Demolition and their trade contractors must identify particular risks, the required management process and other control measures.

Risk Assessments and Method statements will be formally reviewed at a minimum of fortnightly intervals or on any significant change of circumstances.

Sub – Contractor Activities

All sub – contractors who are appointed to undertake works on site will issue their Risk Assessment and Method Statement to I&R Demolition Site Manager for approval prior to any of their works commencing, while incorporating the rules and regulations set out on site by I&R Demolition.

Approval of Method Statements

- Method Statements for normal operations must be submitted for approval at least 3 days in advance of the activity commencing on site. For more complex operations this period will be extended to 7 days.
- Method Statements will be checked by the I&R Demolition Site Manager for safety and suppression of risk to other workers, staff or the general public. In the case of high risk operations advice may be sought from other consultants.
- All operatives must be given a Method Statement briefing conducted in the site induction before commencement of works.
- Following any significant changes to site conditions or the activity in question the Method Statement may have to be reviewed. Where this occurs the above procedure must be repeated in full.

Initial Risk Assessment Review

Copies of the initial risk assessment will be kept within this file.

Demolition

Risk Assessment and Method Statement

Contract Name: Higher Road	**Revision Number:** 1	**Date:** 08/06/2023
Activity: Demolition of garage	**Location:** 74 Higher Road, Longridge, PR3 3SY.	**Prepared by:** [redacted] (Site Manager)
Start Date: TBC	**Contract Period:** 3-5 days	**Hours of Work:** 08:00 – 17:00

Risk Assessment:

Severity	Fatality	MEDIUM	[redacted]			
	Major Injury	MEDIUM	MEDIUM	[redacted]		
	Reportable Injury	LOW	MEDIUM	MEDIUM	[redacted]	
	Lost Time Injury	LOW	LOW	MEDIUM	[redacted]	
	Minor Injury	LOW	LOW	LOW	MEDIUM	[redacted]
Risk Matrix (Guide)		Improbable	Remote	Possible	Probable	Likely
		Possible/Probable				

Hazard	Risk Level	Who may be harmed and how	Control Measures	Further Control Measures	Residual Risk
Existing services	**Medium**	Site operatives Contact with existing live services.	All operatives to be made aware of any existing incoming 'live' electric and gas services. Client to confirm and issue termination / isolation certs prior to demolition commencing.	Ensure service termination / isolation certs are available.	**Low**
Falls from height / working from height	**Medium**	Site operatives Falls	The use of an 8 ton excavator fitted with a selector grab will ensure working at height is minimised. Suitable barrier shall be erected where necessary. Any working at height equipment will be subject to inspection before and during its use and suitable access shall be provided to the working platform. Only those persons who have working at height training shall be permitted to undertake work at height and will also be required to wear a double lanyard harness while working at height. Suitable warning signage and barriers (as appropriate) shall be positioned around the work platform base / danger area to prevent unauthorised access.	Daily check to be carried out on plant and equipment.	**Low**
Dust and airborne particles	**Medium**	Site operatives Exposure to silica dust	There is a good chance of dust being created from the demolition activity especially in the summer months when sites are usually dryer. All site operatives will have available Face Fit tested RPE (Arco FFP3) mask each tested and fitted by a competent person. Masks to be worn when any dusty activities are being carried out. Dust suppression will be on site during demolition.	Ensure all site operatives are fully Face Fit tested and have their Arco FFP3 mask on site.	**Low**
Falling objects / materials	[redacted]	Site operatives Falling debris from demolition activity	All working zones / demolition area to be correctly cordoned off. All operatives to wear full PPE at all times (Hardhats, boots, high vis, gloves, Arco FFP3 mask) during strip out works.	Ensure secure walkways and barriers are in place.	**Low**
Powered work equipment	**Medium**	Site operatives Injuries to body	Only those persons who have received suitable and sufficient instruction and training will be permitted to use work equipment. Only 110v equipment will be permitted to be used on site all mains powered 240v work equipment will be designed / constructed so that it will operate, via a transformer or other power reducing device, at a reduced voltage of no more than 110v. Prior to using any item of work equipment, it will be inspected to ensure that it is in	Ensure equipment is checked and suitable prior to works commencing	**Low**

			good condition and unlikely to cause injury or harm to any person as a result of its correct usage.		
Injury from hand tools / equipment	**Medium**	Site operatives Injuries to body	Correct use of tools in accordance with manufacturer's recommendations at all times.	Ensure all hand tools are being used correctly and the correct PPE being worn while carrying out work.	**Low**
Noise	[redacted]	Site operatives + Plant operatives Hearing damage	Only use plant approved for the particular site. Plant machinery to be fitted with the correct silencers. Assess local environmental requirements, any operatives using / working near noisy plant to wear appropriate ear defenders.	Ensure plant operatives are wearing suitable ear defenders while operating noisy equipment.	**low**
Contact with unknown asbestos / Hazardous chemicals	**Low**	Site operatives Contact with asbestos / hazardous chemicals	A full R&D asbestos report has been carried out on the building. Any asbestos material will be removed by a licensed asbestos removal company prior to demolition works commencing. All demolition operatives are CAT B and asbestos awareness trained. Any hazardous material identified will be removed from the site and treated in a controlled manner in line with best practice guidance for the relevant material. Contaminated materials will be tested and classified before disposal off-site in accordance with 'Technical Guidance WM3: Waste Classification' (WM3). Through this materials can be classified as hazardous, non-hazardous, or inert and enable the correct hazard designation and material code to be assigned. Once classified the materials can be disposed of at a suitably licensed disposal facility.	Ensure all asbestos removal docs are on site and training certs are available with PPE/RPE as required.	**Low**
Maintaining plant Machinery	**Medium**	Site operatives Potential injuries trapping hand/limbs in moving parts	Only competent and trained operatives to attach/detach equipment and must use the correct ppe. Safe and clear area to be available for the undertaking of repairs/maintenance.	Ensure all operators plant tickets are on site and in date. Ensure safe and clear area available.	**Low**
Moving Plant machinery	[redacted]	Site operatives Crush injuries from moving/operating plant	All plant machinery will be operated by skilled qualified NPORS operators who will conduct daily plant inspections for all equipment used on site with any defects reported immediately to the site manager and rectified before future use. All site personnel will be made aware of daily plant operations and in which area of the site via site inductions before works commence. All site staff will be made aware to stay clear from plant machinery when operational in a demolition environment. Appropriate safety signage to be displayed at all times.	Ensure all operators plant tickets are on site and in date. Check daily plant inspections are being carried out.	**Low**
Moving site vehicles		Site operatives Serious injury from being hit by vehicles	A safe designated parking area will be made available. Segregation zones will be in place to protect pedestrians, neighbours and motorists. A banksman will be present at all times. Regular vehicle movements for RORO skip exchanges etc will have designated skip drop off areas and clear access at all times.	Ensure adequate parking facilities are segregation zones in place.	**Low**
Manual handling		Site operatives Injuries to body	All manual handling will be minimised through the provision of mechanical aids where practicable. Operatives are not expected to handle loads any items weighing more than 10-15 kg on the site without assistance. If items above this weight are to be lifted. Any items or loads above the weight will be undertaken through mechanical aids. The following manual handling general precautions will be taken: Routes by which materials have to be carried by hand will be checked for and kept free of obstructions. The distance and awkwardness of the item to be carried. Appropriate PPE will be worn to make sure that materials can be handled safely, e.g. gloves and safety footwear. Operatives who will be carrying out manual handling will have manual handling training.	Ensure manual handling is minimised as much as possible.	**Low**

Soft strip works	**Medium**	Site operatives Potential serious injuries to body	All operatives to be CSCS/CCDO/SMSTS or equivalent trained and all work tools checked for damage before works commence. PPE to be worn at all times to include high viz, steel toe boots, gloves, hard hat, goggles and ear defenders.	Ensure relevant PPE is worn at all times	**Low**
Fire	**Medium**	Site operatives Serious injuries/burns	All site operatives to be briefed on fire emergency procedures in the site induction. No naked flames near fuel sources.	Ensure all site personnel briefed on fire safety	**Low**
Hot works	**Low**	Site operatives Serious injuries / burns	There should be no need for hot works on this project.	Ensure fire extinguishers are to hand	**Low**
COSHH	**Medium**	Site operatives Skin irritation / disorders	COSHH assessments will be carried prior to use of hazardous substances. Only those persons who are fully conversant with a chemical / substance will be permitted to use said chemical / substance. Adequate ventilation will be maintained at all times where hazardous chemicals / substances are used. When not required for immediate use, chemicals / substances will be kept in suitable closed containers and in a secure location, so as to prevent their unauthorised use. If at any time during the works the provision / maintenance of a well vented workplace are questionable the person undertaking the work will liaise with the site management / principal contractor with a view to resolving the issue. MSDS sheets will be available on site.	Ensure PPE is available on site with COSHH risk assessment and MSDS sheets	**Low**

Environmental Risk Assessment:

SEVERITY	Severe				
	Moderate				
	Mild	LOW	LOW	LOW	
	Negligible	NEGLIGIBLE	NEGLIGIBLE	NEGLIGLIBE	NEGLIGIBLE
Risk Matrix		Negligible	Low	Medium	High
		PROBABILTY			

Hazard	Risk Level	Environmental impact	Control Measures	Further control measures	Residual risk
Noise		Disturbance to the workforce and the surrounding units	Plant machinery to have the correct silencers fitted which will only operate between the hours of 08:00 and 16:30 and avoid any unnecessary movements near neighbouring properties. Noise assessments have been carried out on our plant resulting in 68db equated LEPD at 3 metres with a max of 80.4db.	Ensure machines keep as far away from sensitive properties as possible. All site staff to wear ear defender while operating plant or in the immediate area.	**Negligible**
Dust	**Low**	Nuisance to site operatives and local neighbouring area	Water spraying facilities will be provided on site to carry out dust suppression for any demolition activities carried out during windy or dry days which could create visible dust emissions. The site manager will monitor the changing weather conditions daily with a site operative damping down when required. Any hardcore stockpiles	Regular dampening down to be carried out. Face fit certs to be on site and checked.	**Negligible**

			awaiting removal to be dampened down on a regular basis. Ensuring skip wagons are sheeted immediately once loaded to prevent dust being blown out when leaving site. All site operatives to be Face Fit certified by a competent person and FFP3 masks to be used.		
Vibration	**Medium**	Site operatives/local residents Ground vibrations and health risks causing nerve damage	An increase in noise and vibration from the plant machinery operating on site will raise the decibel (db) levels in the surrounding area. Ensure all residents that will be affected by possible ground vibrations are notified explaining timescales for any works that could create nuisance. Machinery movements will be kept to a bare minimum ensuring all operatives track excavators on site slowly. This will keep the vibration rate to a very minimum Vibration levels will be monitored constantly by the site manager ensuring all protection methods are in place and levels kept to a minimum. To prevent unnecessary vibrations the garage will be demolished in small sections at a time to keep vibrations at a minimum.	Ensure vibration levels don't exceed and all residents notified before works commence.	**Low**

Method Statement:

Person/s responsible for supervising works	[redacted]	**Dated**	08/06/2023

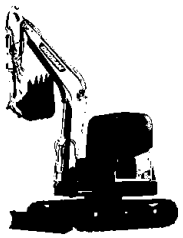
Activity	Demolition of garage.

Sequence of works
Prior to works commencing: • Gas, electric + water incoming supplies to be disconnected prior to demolition commencement. • Site to be secure / fenced prior to commencement on site. • Site welfare established. • All site operatives to receive a site induction prior to work commencing. • Demolition file on site and up to date. operatives to wear suitable PPE/RPE including high visibility clothing, hard hat, safety boots, gloves (goggles , FFP3 mask and ear defenders when required). • All site operatives to have current CPCS/NPORS cards. Method / sequence of works: • Asbestos removal by licensed contractor (if required awaiting survey). • Removal of internal fixtures and fittings using hand tools as far as practically possible.

- Demolition of garage using demolition excavator fitted with selector grab segregating materials into skips and removing off site as the works progress.
- remove all hardcore materials off site.
- Leave site clean + tidy.

Coordination of works

All works to be carried out in accordance to the risk assessments in place. Identification of any conflicts of other working groups or work activities operating within the same area and specify communication and liaison arrangements to control additional risks. Work area to be securely cordoned off to prevent unauthorised access. All workers to undertake site induction prior to commencing work. PPE to be worn at all times on site.

Plant equipment to be used	

PPE to be used	• High visibility clothing • Hard hat • Safety Boots • Gloves • Goggles • FFP3 Mask • Ear defenders

Demolition method + phasing

Method

- The internals will be stripped out so far as reasonably practical using hand tools.
- Demolition will be carried out with an 8 ton excavator fitted with selector grab.
- Skips will be loaded by 8 ton excavator + wheel barrow.
- Hardcore remaining will be loaded into skips by 8 ton and wheelbarrow.
- Site will be heras fenced across the front of the property post demolition.

Welfare	Welfare facilities will be provided within close proximity to the work area. Personnel must not eat, drink or smoke in the work area. Welfare facilities, including rest areas and toilet facilities, will be left as they were

	found in a clean and tidy manner, and operatives are to ensure that they are reasonably clean and tidy before entering premises.

Monitoring arrangements
Monitoring of this activity will be carried out using a variety of different means such as: inspections, checklists, meetings, audits, reviews, and employee consultation. The supervisor will carry out regular inspections of the works and highlight any concerns.

Emergency procedures
Accident Appointed person – [redacted] Nearest A&E Hospital: Royal Preston Hospital, Sharoe Green Lane, Fulwood, Preston PR2 9HT **Fire:** In the event of a fire telephone 999.

Environmental controls
All equipment and materials will be stored in the designated area on site where they will present no risk to employees, contractors or members of the public. All waste will be removed from site by a licensed waste carrier and disposed of at a licensed tipping facility.

Acknowledgement

By signing this form you confirm that you have read and understood the activity outlined and associated safe methods of work, are competent to undertake the work, and that you agree to comply with the safe working procedures in place to minimise the hazards present for the activities undertaken.

Name	Signature	Date

15) COSHH

Assessments Potential Hazardous Substances used on site will be:-

- White diesel
- Hydraulic oil

If these items are required to be stored on site it will be in a bunded tank in an enclosed area of the site (details on site plan) these substances will be used on a supply and demand basis where only the amount required will be brought to site and used for its intended purpose. This rule will be mandatory to all site staff and sub – contractors that are appointed on site and covered in the site inductions.

COSHH Risk Assessment

Project: 74 Higher Road	Date: 26/06/2023
Location: Longridge	Assessed by: [redacted]

Substance	What is the hazard	Control Measures	Further Action
Diesel	Flammable irritation to skin + eyes	Wear goggles, gloves when handling substance	N/A
Hydraulic Oil	Flammable irritation to skin + eyes	Wear goggles, gloves when handling substance	N/A
Grease	Irritant to skin + eyes	Wear goggles, gloves when handling substance	N/A
Dust	Long term lung damage e.g. bronchitis and silicosis	Wear mask + goggles when cutting or subject to dusty environment	N/A
Exhaust fumes	Lung damage, nauseas	Machines not to be used in confined unventilated areas	N/A

	Action taken	Action needed
Supervision	By site manager	N/A
Instruction / Training	Included in site induction	N/A
Emergency plans	Fire plans in welfare unit	Toolbox talk should plans change

Health surveillance	Ensure employees handling substance don't already suffer from any health related issues	N/A
Monitoring	Ensure substances are being used correctly	N/A
Location of stored substances	No fuels to be stored on site only brought when required	N/A
Location of MSDS	Welfare unit	N/A

Signed:		[redacted]		Dated:	27/06/2023

16) Noise, Dust, Vibration

Noise

I&R Demolition Ltd are aware that the process of demolition can cause higher levels of noise and cause nuisance to the surrounding residents increasing the likelihood of complaints, are method for controlling the decibel levels on site whilst ensuring as least disturbance to the local residents are as follows:-

- Residents will be informed prior to commencement of works as to when plant will be operating, at what times and for how long giving specific dates for any heavy plant operations taking into account any concerns they have or requests.
- Plant machinery will only operate between the hours of 08:00 and 17:00.

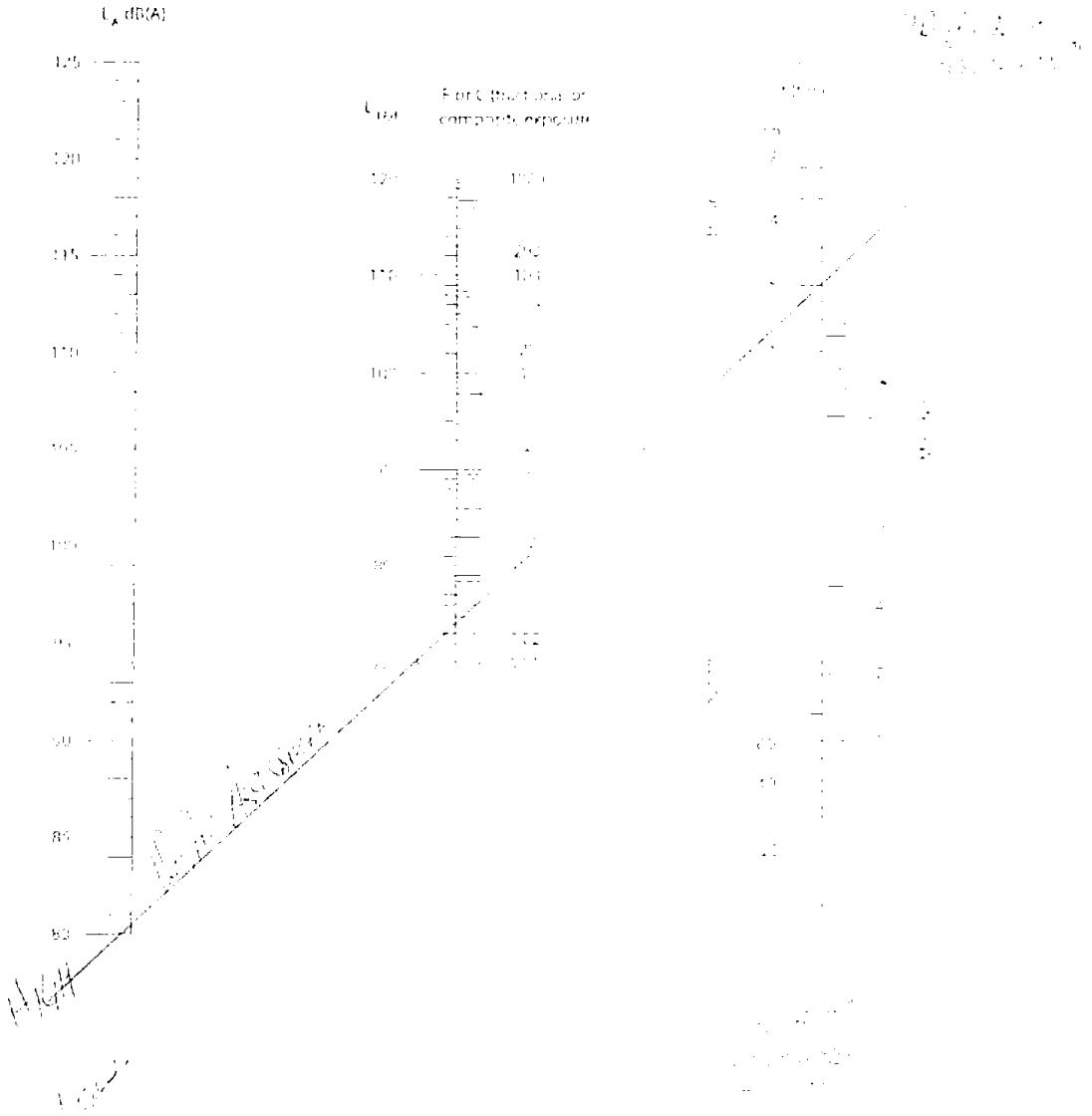
Below are the noise surveys carried out on our demolition equipment. The reports were carried out during demolition activity, excavator and crusher running at the same time with general traffic noise. These readings were measured 3 metres away from our equipment with a 10 metre boundary to the nearest property. The site was located near a very busy main road with industrial and commercial activity in the immediate area.

Using a nomgram to calculate LEX,8h

LEX,8h can be calculated using a Nonogram chart such as the one shown below.

To use this chart:

1. Locate the Leq value on the left hand side.
2. On the right handside, locate exposure time. This is ***not*** the time of the measurement but is the time over which the person will be exposed to the noise.
3. In the centre, read the LEX,8h from the line.



NOISE ASSESSMENT SHEET

ASSESSMENT CARRIED OUT BY [redacted] DATE

SITE

NO. OF EMPLOYEES AFFECTED

OPERATOR

WORK ACTIVITY	EQUIPMENT USED	LEQ DB(A)	EXPOSURE TIME HRS	FRACTIONAL EQUATED EXPOSURE 'ET' VALUES

PROTECTIVE MEASURES USED/PPE ISSUED

FURTHER CONTROL MEASURES TO BE INTRODUCED — REG. 8

INFORMATION PASSED ONTO OPERATIVES — REGS. 7 & 9

REVIEW — REG. 11

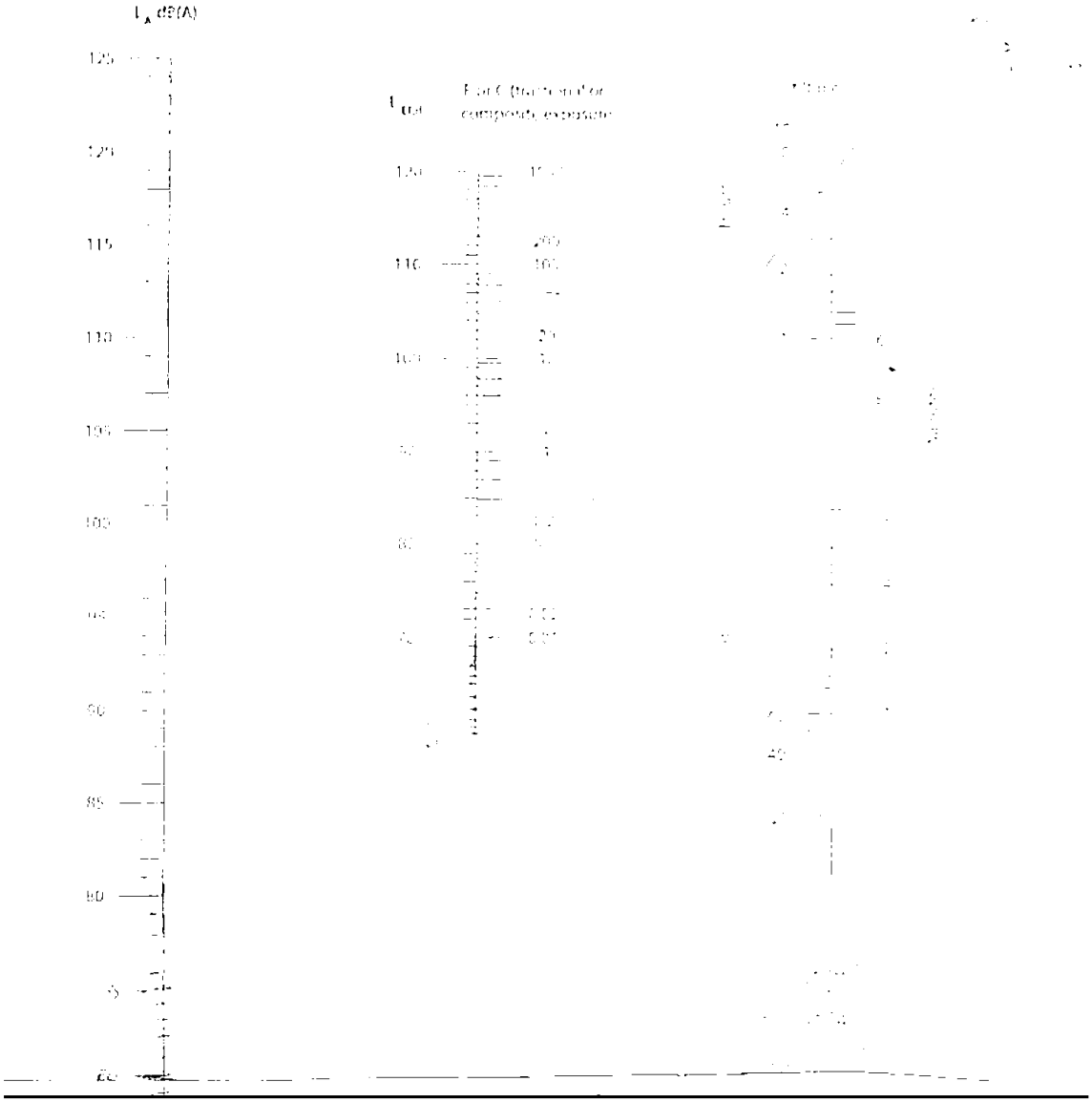
REG. 4

Using a nomgram to calculate LEX,8h

LEX,8h can be calculated using a Nonogram chart such as the one shown below.

To use this chart:

1. Locate the Leq value on the left hand side.
2. On the right handside, locate exposure time. This is ***not*** the time of the measurement but is the time over which the person will be exposed to the noise.
3. In the centre, read the LEX,8h from the line.



NOISE ASSESSMENT SHEET

ASSESSMENT [redacted] BY

DATE

SITE

NO. OF EMPLOYEES AFFECTED

OPERATOR

WORK ACTIVITY	EQUIPMENT USED	LEQ DB(A)	EXPOSURE TIME HRS	FRACTIONAL EXPOSURE "F" VALUES	EQUATED LEPD

PROTECTIVE MEASURES USED/PPE ISSUED

FURTHER CONTROL MEASURES TO BE INTRODUCED REG 8

INFORMATION PASSED ONTO OPERATIVES REGS 7 & 8

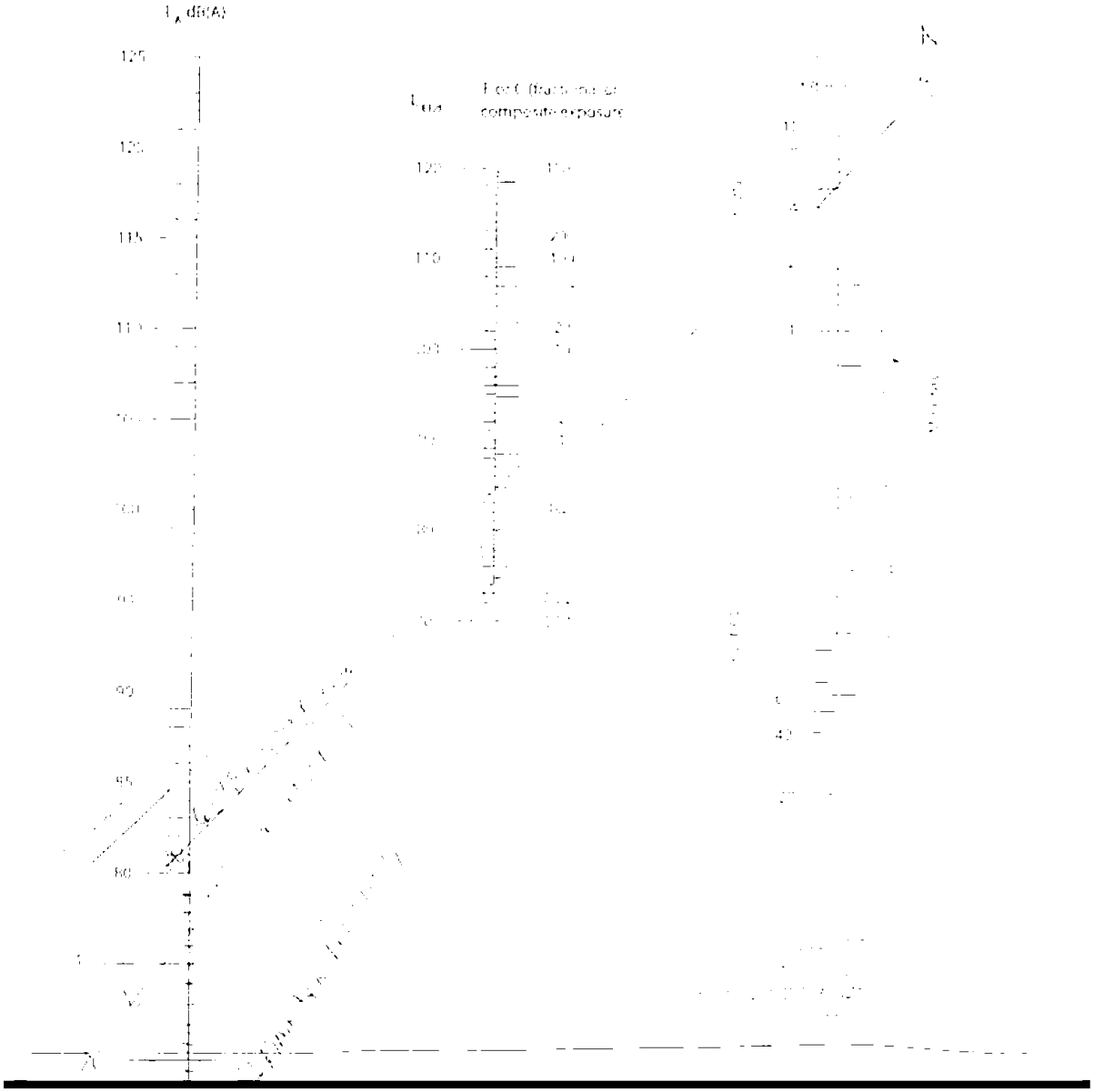
REVIEW REG 11

Using a nomogram to calculate LEX,8h

LEX,8h can be calculated using a Nonogram chart such as the one shown below.

To use this chart:

1. Locate the Leq value on the left hand side.
2. On the right handside, locate exposure time. This is ***not*** the time of the measurement but is the time over which the person will be exposed to the noise.
3. In the centre, read the LEX,8h from the line.



NOISE ASSESSMENT SHEET

ASSESSMENT CARRIED OUT BY

DATE

SITE [redacted]

NO. OF EMPLOYEES AFFECTED

OPERATOR

WORK ACTIVITY	EQUIPMENT USED	LEQ DB(A)	EXPOSURE TIME HRS	FRACTIONAL EXPOSURE "T" VALUES	EQUATED LEPD

PROTECTIVE MEASURES USED/PPE ISSUED

REG. 8

FURTHER CONTROL MEASURES TO BE INTRODUCED

REGS. 7 & 9

INFORMATION PASSED ONTO OPERATIVES

REG. 11

REVIEW

REG. 4

Dust

Dust can be a major problem when it comes to demolition resulting from loading vehicles with hardcore and the demolition process itself especially in the summer months when sites are usually dryer. Our methods to contain this issue will be:-

- Water spraying facilities will be provided on site to carry out dust suppression for any demolition activities carried out during windy or dry days which could create visible dust emissions. The site manager will monitor the changing weather conditions daily with a site operative damping down when required.
- Any hardcore stockpiles awaiting removal to be dampened down on a regular basis.
- Ensuring muck away wagons are sheeted immediately once loaded to prevent dust being blown out when leaving site.
- If required wheel wash facility will be setup on the site entrance/exit for all site traffic (if required).
- Demolition process to have dust suppression running which will dramatically reduce dust generated from demolition activity.
- Dust suppression will be on site at all times, RPE will only be required by the asbestos removal contractors with face fit test cert, as all demolition will be carried out externally with dust suppression the dust levels will be low.

Vibration

Ground vibrations however minor can cause complaints from people living or working nearby. An increase in noise from the plant machinery operating on site will raise the decibel (db) levels in the surrounding area. As a company we will control this by:-

- Notify all residents that will be affected by possible ground vibrations explaining timescales for any works that could create nuisance.
- Ground vibrations from heavy plant tracking round site could cause ground vibrations in the immediate area, to combat this all machinery movements will be kept to a bare minimum ensuring all operatives track excavators on site slowly. This will keep the vibration rate to a very minimum.
- Vibration levels will be monitored constantly by the site manager ensuring all protection methods are in place and levels kept to a minimum.
- To prevent unnecessary vibrations the building will be demolished in small sections at a time to keep vibrations at a minimum.

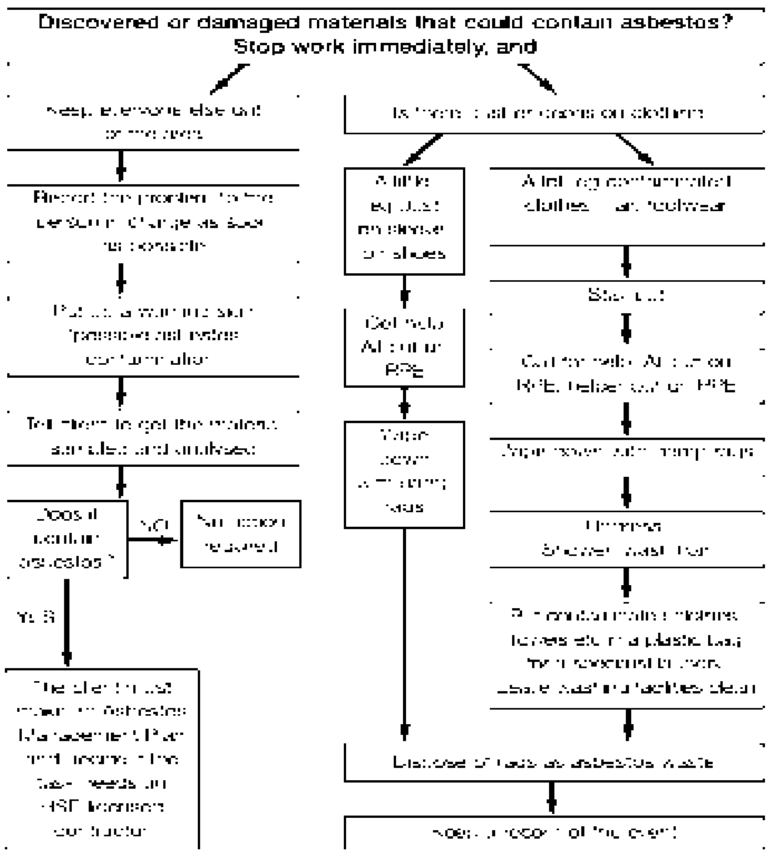
17) Asbestos

Asbestos is present in the property (report attached in the site file) and qualified asbestos removal contractor has been appointed to remove the asbestos prior to any demolition works commencing. Asbestos essentials documents included in the site file covering all current legislation.

Items that will be required from the Asbestos Contractor

- Full set of RAMS
- Bulk analysis report (amount of material taken)
- Transit Route taken by the carrier
- Tip Licence number where the material has been taken to
- Clean air certificates

Should Asbestos be found after the removal has been undertaken I&R Demolition employees are Asbestos Awareness trained and trained to follow the HSE Procedure below



Procedures

18) Utilities

The Client has provided what utility drawings are available to this stage prior to works commencing.

- Client will need to confirm services are isolated from outside the boundary to the property before demolition date.

19) Plant & Equipment

NPORS operators will conduct daily plant inspections for all equipment used on site with any defects reported immediately to the site manager and rectified before future use. Ear protection will be worn when heavy machinery is operating on site. Plant machinery will only operate between 08:00 – 17:00.

Machines to be used on site:-

- Doosan DX80r (Demo Spec) Excavator
- Selector grab
- Hand tools

All Plant used must comply with current safety standards & regulations covered by a thorough examination certificate & regularly inspected and maintained.

Where cranes and/or hoist are to be utilised these must be in accordance with I&R Demolition's standards (as shown in table below) which it should be noted exceed current regulations.

Shared use work equipment supplied for sub – contractor use.

Shared use equipment must comply with the same requirements as all other site equipment. Suppliers of shared use work equipment for the project will be selected and the equipment used and maintained in accordance with the following standards.

Cranage (including tower cranes)	LOLER Regulations
Hoists	Safety Precautions for the operations of Hoists and LOLER Regulations
Other	To Manufacturers recommendations

Plant & Equipment rules

- Scaffolding is only to be erected, dismantled or altered by scaffolders.
- If 'scaf tags' have been removed or scaffold is incomplete don't use it.
- Only appropriate certified operators to drive or operate plant.
- Electrical tools have date tags to keep the machine safe don't remove them.

Appendix 6 - Control of Dust

Policy –

It is the Policy of Onward Homes to reduce any hazards arising from exposure to dust that is produced on site as far as reasonably practicable

Contents

This procedure covers the following issues:

- General
- Legislation
- Responsibilities
- Controlling the spread of Construction Dust
- Respiratory Protective Equipment (RPE)
- Information, Instruction and Training for Operatives
- Additional Controls

Procedure

General

Construction and demolition workers are exposed to dust from a wide variety of sources such as vehicle movements and use of power tools. Construction dust is not just a nuisance; it can seriously damage your health and some types can eventually even kill. Regularly breathing these dusts over a long time can therefore cause life-changing lung diseases.

Construction dust

This is a general term used to describe different dusts that you may find on a construction site.

There are three main types:

silica dust – created when working on silica containing materials like concrete, mortar and sandstone (also known as respirable crystalline silica or RCS);

wood dust – created when working on softwood, hardwood and wood-based products like MDF and plywood;

lower toxicity dusts – created when working on materials containing very little or no silica. The most common include gypsum (eg in plasterboard), limestone, marble and dolomite.

Legislation/Guidance

The following legislation is applicable for controlling noise on construction sites:-
The Health and Safety at Work Act 1974
The Control of Substances Hazardous to Health (COSHH) Regulations 2002

The Construction (Design & Management) Regulations 2015
Health and Safety in Construction (HSG 150)

Responsibilities

The Site Manager has overall responsibility to ensure that the risk from operations that generate dust have been assessed and adequately controlled. The Site Manager must ensure that on contracts in close proximity to residential areas, schools, etc. that construction dust is controlled in a suitable and sufficient manner.

Individual contractors (as employers) have the primary responsibility to ensure that the risks from dusty operations have been adequately assessed and controlled (including the provision of training) for their employees.

Site Managers must ensure that operations that produce construction dust have been considered, where appropriate, and that appointed sub-contractors have carried out a risk assessment on exposure to construction dust and have relevant, documented control measures in place

Hazards posed by Construction Dust

Regularly breathing construction dust can cause diseases like lung cancer, asthma, chronic obstructive pulmonary disease (COPD
– which includes emphysema and other breathing difficulties) and silicosis. Silica is the second biggest killer of construction workers after asbestos.

Some of the most common construction jobs create high dust levels. These jobs often involve the use of power tools like cut-off saws, grinders, breakers and sanders. There is a legal duty for employers to prevent or adequately control worker exposure to construction dust. On-tool extraction is an effective control for this dust and will reduce the risk of ill health.

Information, Instruction and Training for Operatives

Where operatives are likely to be exposed to construction dust, information, instruction and training must be delivered to the workforce, and must include:-

1. The likely work activities that will generate dust
2. How to report defects to RPE
3. Where and how RPE can be sourced
4. The operative's duties under these regulations

Instruction and Training

1. The steps an operative can take to minimise the risk.
2. The proper way to use RPE (ensuring a face- fit test has been completed) and other equipment.
3. How to look after RPE and other equipment.
4. Where RPE should be used.

Operative Duties

Operatives must ensure that they:-

- Co-operate with the assessment of exposure to dust
- Use dust control measures such as dust suppression, dust extraction, in accordance with the employer's instructions.
- Wear Respiratory Protective Equipment (RPE) where a risk assessment has highlighted the need
- Take care of personal issue RPE and dust control equipment they need to use.
- Report any defect found in the RPE, or other protective measures or difficulties in using them.
-

Controlling the Spread of Construction Dust Assess (the risks)

Assess the risks linked to the work and materials. High dust levels are usually caused by one or more of the following:

Task – the more energy the work involves, the bigger the risk. High-energy tools like cut-off saws, grinders and grit blasters produce a lot of dust in a very short time;

Work area – the more enclosed a space, the more the dust will build up. However, do not assume that dust levels will be low when working outside with high-energy tools;

Time – the longer the work takes the more dust there will be;

Frequency – regularly doing the same work day after day increases the risks.

Control (the risks)

The site manager will endeavour to implement any applicable measures stated below to control the risk of exposure to Construction dust.

Before work starts, look at ways of stopping or reducing the amount of dust you might make. Use different materials, less powerful tools or other work methods, such as;

- the right size of building materials so less cutting or preparation is needed;
- silica-free abrasives to reduce the risks when blasting;
- a less powerful tool – eg a block splitter instead of a cut-off saw;
- a different method of work altogether – eg a direct fastening system.

Control (the dust)

Even when the above risks have been assessed and resulting controls implemented, there are still a number off other construction activities that could still produce high dust levels.

In these cases the most important action is to stop the dust getting into the air.

There are two main ways of doing this:

Water – water damps down dust clouds (dust suppression). However, it needs to be used correctly. This means enough water supplied at the right levels for the whole time that the work is being done. Just wetting the material beforehand does not work.

On-tool extraction – removes dust as it is being produced. This 'system' consists of several individual parts – the tool, capturing hood, extraction unit and tubing.

The site manager will ensure that extraction units used within the business have the correct specification (i.e. H (High) M (Medium) or L (Low) Class filter unit).

Reduce Exposure Duration

Where operatives are exposed to high dust levels (e.g. working in poorly ventilated areas. Increased exposure to dust will be minimised by job rotation.

Respiratory Protection (RPE)

Water or on-tool extraction may not always be appropriate or may not reduce exposure enough. Ring Stones, utilising the hierarchy of controls, will always provide respiratory protection (RPE) to all employees who are likely to be exposed to significant levels of construction dust.

All employees that come into contact with construction dust as part of their role have all received face-fit testing and have been provided with suitable and sufficient RPE.

The Contractor will ensure that RPE is:

Adequate for the amount and type of dust – RPE has an assigned protection factor (APF) which shows how much protection it gives the wearer. The general level for construction dust is an APF of 20.

Suitable for the work – disposable masks or half masks can become uncomfortable to wear for long periods. The RPE provided to employees conforms to EN140:1998 and;

- compatible with other items of protective equipment; fits the user.
- Face fit testing is carried out
- worn correctly.

Onward Homes
June 2023
Revision -

Onward
Creating positive spaces

Onward Homes
June 2023
Revision -

Onward
Creating positive spaces

Onward
Creating positive spaces

Appendix 7 – Control of Noise

Policy

It is the Policy of Onward to reduce any hazards arising from noise exposure that is produced on sites as far as reasonably practicable

Contents

This procedure covers the following issues:

- General
- Noise measurement
- Relevant hazards
- Actions to control noise exposure
- Information, Instruction and Training for Operatives
- Maintenance of equipment
- Manufacturers, Designers, Importers and Suppliers of Machines

Procedure

General

Construction and demolition workers are exposed to noise from a wide variety of sources on site including dumpers, pneumatic breakers, compressors, piling hammers and air wrenches. Although all employees are not affected to the same extent, it is recognised that exposure to high noise levels can cause incurable hearing damage.

Legislation/Guidance

The following legislation is applicable for controlling noise on construction sites:-
The Health and Safety at Work Act 1974 The Control of Pollution Act 1974 Part 3
The Control of Noise at Work Regulations 2005 HSE (2005) Guidance for employers on the Control of Noise at Work Regulations 2005 INDG362 (rev1) 10/05
HSE (2005) protect your hearing or lose it! INDG363 (rev1) 10/05
Web site
http://www.hse.gov.uk/noise/calculator.htm

Responsibilities

The Site Manager has overall responsibility to ensure that the risk from noisy operations have been assessed and adequately controlled for all staff. The Site Manager must ensure that on contracts in noise sensitive areas i.e. town centre's, hospitals etc. a noise survey to establish the background noise prior to work commencing is performed.

These surveys will generally need to be carried out by a specialist consultant. However, individual contractors (as employers) have the primary responsibility to ensure that the risks from noisy operations have been

adequately assessed and controlled (including the provision of training) for their employees on Ring Stones projects.

Site Managers should ensure that noisy operations have been considered, where appropriate, and that appointed sub-contractors have carried out noise assessments when the Lower Exposure Action Value (LEAV) or Exposure Limit Value (ELV) are likely to be exceeded. Assessments of ELV are most likely to be required where operatives are exposed to loud noises from explosive sources or high levels of impact noises, i.e. cartridge tools, piling operations etc.

Relevant Hazards

The key hazard associated with noise is loss of hearing ability, possibly made worse by permanent tinnitus (ringing in the ears) however with good risk control is entirely preventable. However, noise can also interfere with working efficiency by inducing stress, by disturbing concentration and by increasing accident risk.

Information, Instruction and Training for Operatives

Where operatives are likely to be exposed at or above any of the action levels, provide information, instruction and training, and must include:-

1. The likely noise exposure and risks of hearing damage
2. How to report defects in ear protectors and noise control equipment.
3. Where and how ear protectors can be obtained.
4. The operative's duties under these regulations

Instruction and Training

1. The steps an operative can take to minimise the risk.
2. The proper way to use ear protectors and other equipment.
3. How to look after ear protectors and other equipment.
4. Where ear protectors should be used.
5. The symptoms of hearing difficulty and the need to seek medical attention.

Operative Duties

Operatives must ensure that they:-

- Co-operate with the assessment of noise exposure
- Use noise control measures such as exhaust silencers and machine enclosures, in accordance with the employer's instructions.
- Wear ear protection provided at or above the 2nd action level (Upper EAV) and in areas marked as ear protection zones. Although it is not a statutory duty under the regulations to wear ear protectors between the 1st (lower EAV) and 2nd Action Levels (Upper EAV) it is in their own interest to do so.
- Take care of ear protectors and noise control equipment they need to use.
- Report any defect found in the ear protectors, or other protective measures or difficulties in using them.

Noise Measurement

Noise levels are measured in decibels (dB). The human ear is more sensitive to some noise frequencies than others so noise measuring instruments normally incorporate a filter which mimics the response of the human ear. The resulting reading, therefore, gives a better guide to the potential of the noise for causing hearing damage and is given in terms of 'A-weighted decibels' - dB (A). The total exposure to noise during an 8hr day, taking into account the average noise levels in working areas and the time spent in them, but taking no account of any ear protectors work is known as LEP,d. The weekly personal noise exposure, based on a nominal working week of 5 days, is known as the LEP,W.

1. **First Action** - Lower Exposure Action Value (EAV): LEP,d = 80 dB (A), peak = 135 dB (C Weighted); this is an ambient noise measurement and must not take into account the Attenuation provided by any hearing protection which may be provided;

2. **Second Action** - Upper EAV: LEP,d = 85 dB (A), peak = 137 dB (C weighted); this is an ambient noise measurement and must not take into account the attenuation provided by any hearing protection which may be provided;

3. **Exposure Limit Value** - (ELV): LEP,d = 87 dB (A), peak = 140 dB (C weighted); this value is the noise level reaching the human ear, and therefore can take into account the attenuation of any hearing protection provided.

Where daily noise exposure varies greatly from one working day to the next, weekly noise exposure level can be used in place of the daily noise exposure level.

Assessment Requirements

- Noise assessments of proposed plant being brought onto site and the noise assessment of proposed construction operations (see note)
- Name of Sub-contractors competent Noise Coordinator and details of monitoring equipment and their health surveillance programme (hearing tests) for their employees.

Site/ Contracts Managers should consult the Health and Safety Manager if they have any concerns about the effectiveness of the proposed noise control measures, the hearing protection and Health surveillance programme in place.

Controlling the Spread of Noise

There are basically two methods of controlling the spread. The first is to increase the distance between the noise source and the receiver and the second is to introduce noise reduction screens.

Distance Attenuation

Increasing the distance between the noise source and the receiver can be a very effective method of noise control. Sound levels fall off between 3dB(A) and 6dB(A) for each doubling of distance from the source depending on the extent of the source. For stationary plant such as compressors and generators, a 6dB(A) per doubling of distance can be assumed and consequently effective control can often be achieved by locating such plant away from