CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN (CEMP)

CLIENT	TBC
CONTRACT TITLE	Dowker Street, Housing Development site
CONTRACT NUMBER	BD1031
OPERATING UNIT	Building Division

PROJECT ENVIRONMENTAL PLAN

CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN (CEMP)

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SHEQ Manager	Technical Design Manager	Building diversion	Client Job Title
08/07/2025	**09/04/2025**	08/07/2025	Date 2024
AUTHOR	**REVIEWER**	**APPROVER**	**ACCEPTED BY CLIENT (if applicable)**

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Env

CURRENT REVISION	**CURRENT STATUS CODE**	**SECURITY CLASSIFICATION**
01	**A1**	**Public**

REVISION HISTORY

REVISION	STATUS CODE	DATE	REVISION DESCRIPTION
01	A1	**09/04/2025**	Prepared draft of CEMP for review, comments, and acceptance

Controlled Copy Distribution List

CONTROLLED COPY NO.	JOB TITLE
01	TBC – Site Manager
02	Craig Holding- Technical design Manager-Westshield
03	Local planning authority, representatives
04	Iain Hoodless- Building Director-Westshield
05	
06	

1.1 CDM Appointments project contacts

CDM APPOINTMENTS CONTACT DETAILS				
ROLE	**NAME**	**LOCATION**	**TELEPHONE NUMBER**	**EMAIL ADDRESS**
Client				
Client's Representative				
Principal Designer				
Principal Contractor	Westshield	Ashcroft House Bredbury Park Way Stockport	0161 682 6222	www.westshield.co.uk
Principal Contractor Representative	Iain Hoodless	Ashcroft House Bredbury Park Way Stockport		

2 Contents

3 Introduction

3.1 Integrated Environmental Management System

This Construction Environmental Management Plan is part of Westshield Limited Safety Management System (SMS) which is certified to ISO14001: 2004. It describes how environmental requirements will be managed for the contract and specifies controls that will be implemented on site. The purpose of this Contract Environmental Management Plan is:

- To help ensure compliance with legal and contract requirements.
- To control and where possible minimise, the environmental impact of the construction works.
- To minimise the risk of causing pollution or a nuisance and associated costs and delays.

All standard procedures, controls and systems referred to in this plan are described in detail in the Westshield Safety Management System.

3.2 Scope of Works

3.2.1 The project involves construction of nine dwellings with new access road and associated hard and soft landscaping

The works include:

- Installation of secure boundary fencing
- Installation of temporary mobile welfare and office unit (large, fixed welfare and office establishment to follow)
- Removal of existing trees and vegetation (ecologist brief and controls to be applied)
- Removal of any existing foundations and ground floors. Remediation Strategy to be implemented.
- Installation of foul and surface water drainage systems.
- Temporary services connections and installations (welfare and office provisions)
- Construction of temporary paths and walkways
- Construction of housing plot foundations
- Construction of scaffolding supporting ground pads
- Installation of designed scaffolding structures
- Brick installation activities.
- Roads and paths installation activities.

3.3 Background and purpose of the project

3.3.1 Development of c.35 residential buildings with associated infrastructure and soft landscaping.

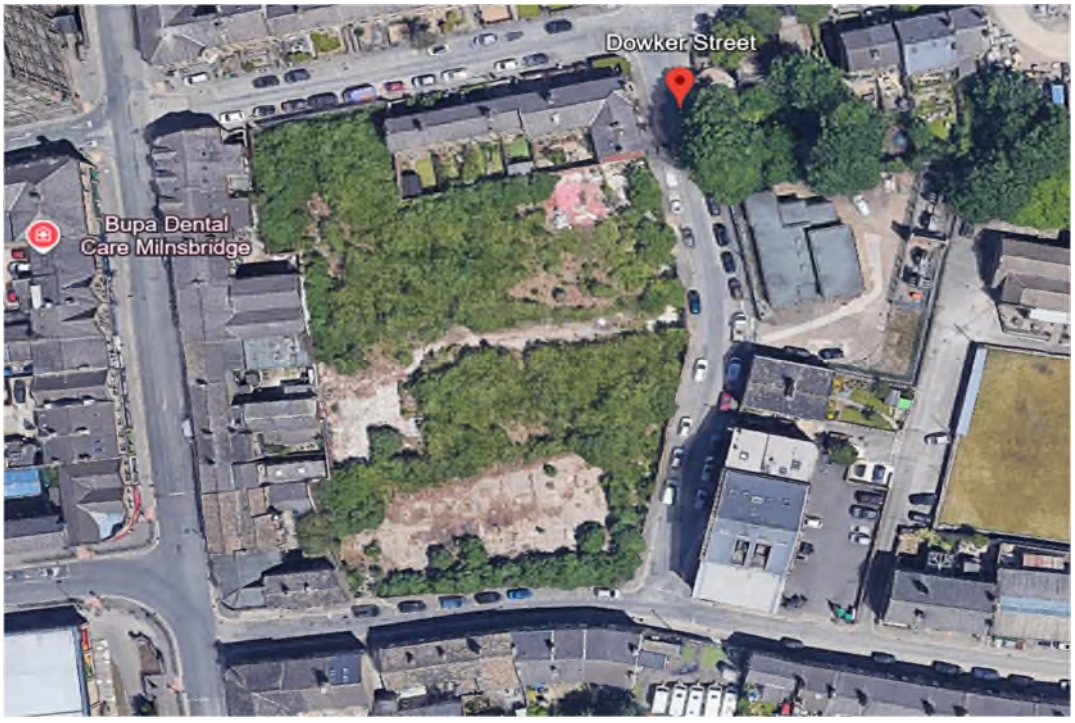
3.3.2 The project shall have working hours limited to 08.00 to 18.00 Monday to Friday and 08.00 to 13.00 on Saturdays No works during Sundays, Public and Bank Holidays will be permitted unless authorised by the Local Planning Authority with supporting information and justification. The works would have to be carried out under a controlled and monitored situation for noise dust and vibration.

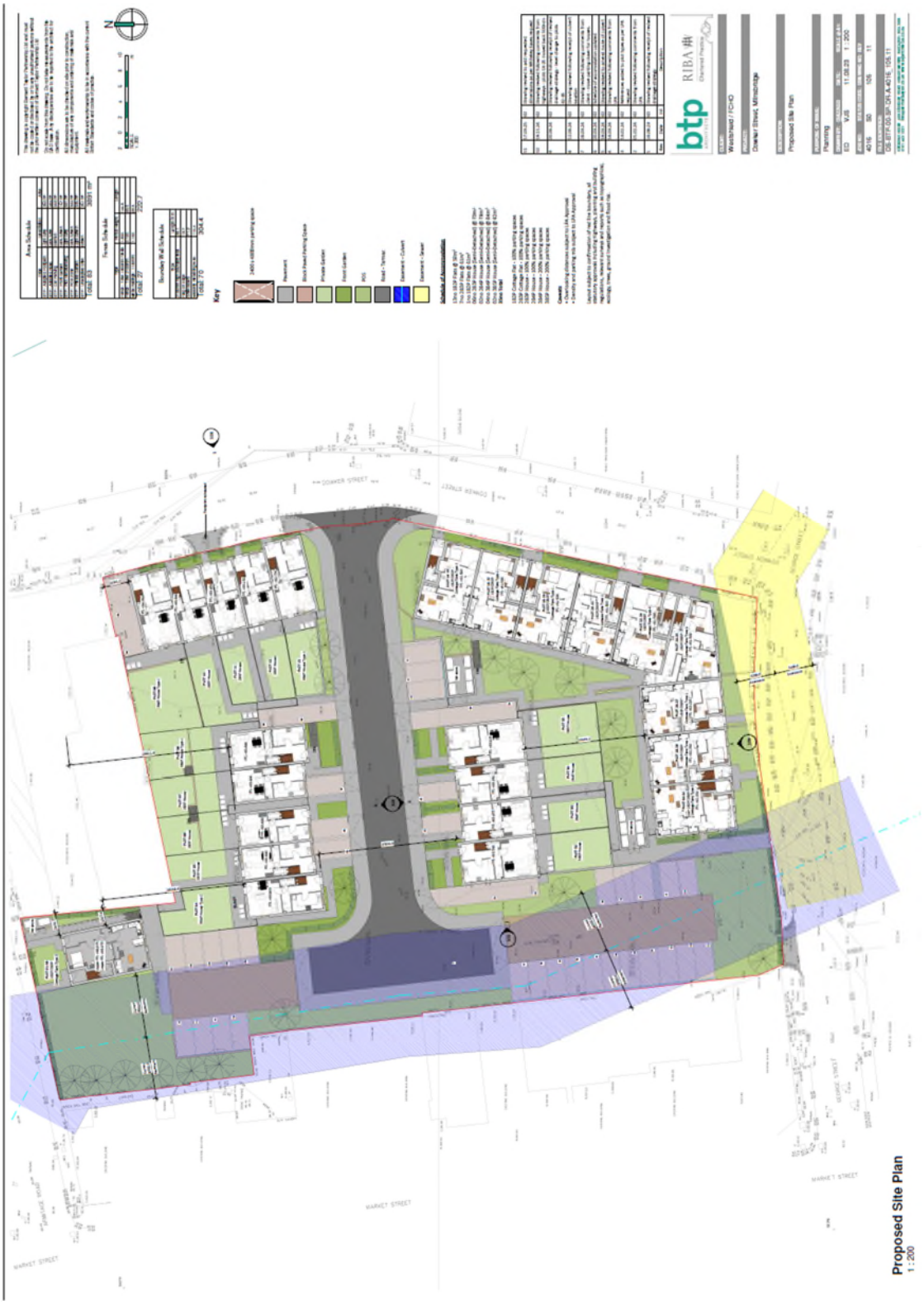
3.4 Site Layout and location

3.4.1 Land at Dowker Street, Quarmby, Milnsbridge, Kirklees, West Yorkshire, England, HD3.Ordnance Survey Grid Reference SE 11615 16068.

1. Fig01 (screen shot from: https://gridreferencefinder.com/ on 31.03.2023)

2. Fig02 outline of proposed development site




Proposed Site Plan
1 : 200

4 General Environmental Management

4.1 Policy

The SHEQ Advisor/ Manager will ensure that Westshield SHEQ Policy Statement is posted on the site noticeboards.

4.2 Aspects and Impacts

Environmental Aspects and Impacts relating to this contract have been assessed and the Environmental Aspects & Impacts Register is included as Appendix

The significant potential impacts relating to this contract are:

- Pollution of water resources
- Noise
- Dust
- Pollution of local water courses

4.3 Legal and Other Requirements

- Contract documents.
- IAQM document "Guidance on the assessment of dust from demolition and construction – 2024 v2.2".
- Air Quality Assessment (AQA)
- Ecological surveys/ reports
- Site investigations
- The Control of Pollution Act 1974 Part III
- Ancient Monuments and Archaeological Areas Act 1979
- Wildlife & Countryside Act 1981 (as amended)
- Environmental Protection Act 1990
- Controlled Waste (Registration of Carriers and Seizure of Vehicles) Regulations 1991
- Environmental Protection (Duty of Care) Regulations 1991
- Noise and Statutory Nuisance Act 1993
- Waste Management Licensing Regulations 1994
- Water Supply and Water Quality Regulations 2010
- The Conservation of Habitats and Species (Amendment) Regulations 2012
- Environmental Damage (Prevention and Remediation) Regulations 2009
- The Environment Act 1995

4.4 Environmental Best Practice

- Environmental mitigation (agreed with statutory/non-statutory consultees where appropriate) to be in place prior to works commencing. This may include method statements and/or licences and permits. Mitigation to be reviewed and updated on a regular basis where required.
- Environmental toolbox talks (TBTs) to be given to all site personnel (this may be site specific or a wider awareness topic) as and when required.

4.5 Structure and Responsibilities

For this project, the main roles with environmental responsibilities are:

- Site Manager
- SHEQ Advisor
- Waste Representative

4.6 Training

- Induction Training including environmental requirements for all operatives and subcontractors.

  Toolbox Talk: Environmental Do's & Don'ts

- More detailed training for staff or subcontractors with specific environmental responsibilities (if competence cannot be otherwise shown) e.g. Waste Reps.
- Toolbox Talks, depending on the type of works being undertaken and the environmental impacts that may result from these activities e.g. training on water pollution prevention before works near watercourses. Training to be given will include:
  - Environmental Incidents
  - Water Pollution Prevention
  - Waste Management
  - Noise & Vibration
  - Spill Control & Spill Kits
  - Dust and Air Quality
  - Materials Storage
  - Traffic Management
  - Be a Good Neighbour

4.7 Communication

4.7.1 Internal

Environmental issues will be reviewed at the Contract Review meeting, issues covered will include:

- Compliance with Group SMS and any contract specific environmental requirements.
- Legal compliance e.g. consents requirements.
- Environmental Incidents & Nonconformances
- Audit Corrective Action Requests to ensure actions are completed by deadlines.
- The Project Manager/Site Manager in conjunction with the SHEQ Advisor/ Manager) will be responsible for receiving, documenting, and responding to any environmental communication from third parties. All verbal communication from third parties will be logged in the contract Communication Log.
- The SHEQ Advisor/ Manager will meet as required and as agreed with Yorkshire Water with statutory agencies such as the Environmental Protection Agency and Local Authority, and with the local community.
- Complaints from the public will be logged on a Complaint Record form and a recorded on the Complaint Register.
- Communication via the provision of letter drop to residents, providing information and updates to the construction works to be undertaken during the development of the properties
- A notice board will be installed to the perimeter of the site boundary, populated with contact information of Westshield regional office, and site manager, for the provision of informing residents of the responsible parties to contact, for complaints or concerns raised by the construction activities.

4.8 Contract Checks and Inspections

The following inspections will be undertaken:

- Supervisor Weekly Checklist
- SHEQ Monthly Inspection

5 Site Controls

5.1 Waste Management

All waste removed from site will be covered by a Waste Transfer Note or Hazardous Waste Consignment Note, containing all the legally required information. Most inert and non-hazardous waste will be transferred under a single movement 'Waste Transfer Note' but 'Season Tickets' may be used where there are multiple movements of the same waste to the same destination. Hazardous wastes will be transferred using a 'Hazardous Waste Consignment Note'. Waste Transfer Notes will be kept for two years and Hazardous Waste Consignment Notes for three years.

All waste will be transported using registered waste carriers and all waste will be disposed of at licensed waste disposal sites or under an Environment Agency waste exemption or permit. All waste services will be procured through the Regional Waste Manager, who will ensure that Waste Carrier Licences and Waste Management Licences are valid and appropriate, by checking details on the relevant Public Registers.

re-use and recycle will be identified prior to works commencing to help reduce the amount of waste disposed of to landfill. The Plan will be updated whenever waste is removed from site with information on the waste type, quantity, recycling rates and disposal site.

5.1.1 Waste Controls

The following environmental controls and monitoring activities will be implemented on site:

TASK	RESPONSIBILITY
Plan to segregate waste as far as technically, environmentally, and economically practicable.	Project Manager/ SHEQ Advisor/ Manager
Introduce a '*take-back policy*' on suppliers, so where possible, no delivery will leave the site without taking associated waste and packaging with them.	Project Manager/ Buying Department
Documentation:	
Ensure that copies of the following are retained on site: ■ Evidence of all relevant Waste Carriers Registrations and associated Environment Agency validity checks. ■ All relevant Waste Management Licences / Exemption Certificates and associated Environment Agency validity checks. ■ Waste Transfer Notes and Consignment Notes. ■ Site Waste Management Plan/ Hazardous Waste Register.	SHEQ Advisor/ Manager/ Waste Rep.
Site Controls:	
Do not accept damaged skips/ waste containers on to site	Foreman/ Waste Rep.

TASK	RESPONSIBILITY
Locate skips/ waste containers away from drains, watercourses and heavily trafficked areas.	Foreman/ Waste Rep.
Ensure hazardous waste containers are covered and located on hardstanding.	Foreman/ Waste Rep.
Locate non-hazardous skips/ waste containers on hardstanding if possible.	Foreman/ Waste Rep.
Ensure that waste is segregated and placed in the right skip/bin	Foreman/ Waste Rep.
Ensure all waste is stored securely so that it cannot escape (wind/ vermin).	Foreman/ Waste Rep.
Remove waste, disused materials, packaging and other debris at frequent intervals to ensure the site is kept clean and tidy.	Foreman/ Waste Rep.
Ensure all hazardous waste containers are covered.	Foreman/ Waste Rep.
Ensure all skips and bins are labelled with their contents (incl. EWC Code).	Foreman/ Waste Rep.
Place the correct waste in the correct skip.	All staff
Report skips that are leaking or overfull to your supervisor.	All staff
Report fly-tipping to the Foreman/ SHEQ Advisor/ Manager	All staff

5.2 Materials Storage

Materials and waste will be stored in a manner that minimises risk to the environment and reduces the potential for wastage due to exposure to the elements or damage.

The types of potentially polluting materials associated with these works and how and where they will be stored is given in the table below:

Type of Material	How and Where it will be stored
Topsoil	■ To be stored beside the works to a height of no more than 3m. ■ Do not compact. ■ To be stored separately from subsoil. ■ Topsoil must be stored at least 3 metres away from any trees and hedgerows.

Type of Material	How and Where it will be stored
Subsoil	■ To be stored beside the works to a height of no more than 5m. ■ Do not over compact. ■ To be stored separately from topsoil. ■ Subsoil must be stored at least 3 metres away from any trees and hedgerows.
Sand / Stone	■ To be stockpiled in the allocated lay down area in the site compound in a way to minimise dust and wastage.
Cement	■ To be stored in the original packaging on pallets inside the COSHH stores. ■ If cement is to be stored outside temporarily it should be stored off the ground on pallets, away from sensitive or heavily trafficked areas and covered with tarpaulin.
Other bagged materials	■ To be stored inside a container where practicable otherwise off the ground on pallets and protected from the weather.
Chemicals, Bitumen, Paints, Solvents, Grease	■ To be stored in the original packaging inside a drip tray. All chemicals should be stored appropriately in the COSHH stores. ■ Consult the MSDS or COSHH sheets for details of storage requirements.
Mould release oil/ shutter oil	■ To be stored in the COSHH stores in the site compound in a drip tray. ■ Keep container and contents away from ditches and drains at all times.
Batteries / fluorescent light tubes	■ In a leak proof container within a designated covered storage area.
Contaminated Material	■ To be stockpiled separately. ■ To be covered to prevent wind or water spreading contaminants to the wider environment.
Empty drums / containers	■ In a designated area prior to disposal. ■ Away from sensitive boundaries and watercourses ■ Screening from external receptors, if possible
Insert waste	■ To be kept separate from non-hazardous and hazardous waste in a clearly designated area/ skip located on hardstanding where possible. ■ Storage area to be located away from sensitive boundaries and watercourses and screened from external receptors if possible.
Non-Hazardous waste	■ To be kept separately from inert and hazardous waste. ■ To be segregated into its component streams where technically, environmentally and economically practicable. ■ To be kept in clearly labelled containers/ skips. ■ Containers/ skips to be in good condition, covered and located on hardstanding ■ Containers/ skips to be located away from sensitive boundaries and watercourses ■ Containers/ skips to be screened from external receptors if possible.

Type of Material	How and Where it will be stored
Hazardous waste	■ To be kept separately from inert and non-hazardous waste. ■ To be segregated into its component streams and kept in clearly labelled containers/ skips. ■ Containers/ skip to be in good condition, covered and located on hardstanding ■ Containers/ skips to be located away from sensitive boundaries and watercourses ■ Containers/ skips to be screened from external receptors if possible.

5.3 Noise and Vibration

5.3.1 Noise and Vibration Controls

In general site management will consider the following noise hierarchy:

- Eliminate the source of the noise.
- Substitute for quieter methods of working.
- Isolate source of the noise
- Engineering controls, i.e. barriers, silencers, insulation; and
- Restriction of working hours.
- Lighting required for winter working shall be positioned and set up to avoid causing a nuisance to adjacent properties. No lights pointing outside of the works.
- Lighting will be pointed away from any property.

Westshield and our sub-contractors will adopt mitigation measures as recommended in BS5228 and in accordance with The Control of Noise (Code of Practice for Construction and Open Sites) (England) Order 2015 available at.

5.4 Air pollution prevention and controls

The scale and nature of this site has been assessed to determine the potential dust emissions. magnitude, following guidance from the Institute of Air Quality Management (IAQM)
Planned remediation works and construction activities have been identified as presenting potential dust emissions impact. The site screening criteria has identified human receptors, external to the site, that have the potential to be impacted by dust emissions.

To mitigate the impact of dust emissions from this site, control measures will be implemented in the form of:

- Ensuring site is monitored constantly for dust emissions, damping down areas utilising fine water spray.
- Monitoring weather conditions, particularly during hot and dry periods.
- Employ towable water bowser to dampen down areas of ground used by machines and vehicles.
- Deploy a road sweeper to maintain public highways impacted by the sites plant and traffic movements.
- Stored spoil and earthworks to be sealed and bunded.

5.5 Water Management

5.5.1 The provision of silt fencing will be installed to the perimeter of the site which runs parallel to all adopted carriageways.

5.5.2 Site welfare provisions will be sighted and maintained within the access point leading from Dowker Street.

5.5.3 All fuel storage will be contained within a double bunded container (bowser) no fuelling of machines will be undertaken within 10meters of the watercourse (primary fuelling point contained within welfare compound)

5.5.4 The provision of plant nappies and spill kits will be made available for controlling and managing small plant and hydrocarbon leaks/spills

5.5.5 No dewatering activities will be deposited into the culvert.

6 Access and Restrictions

6.1 Construction access arrangements & traffic management

- Access to the site is via Dowker Street directly into the site established access point.

6.1.1 No PARKING/ OBSTRUCTING outside residential properties

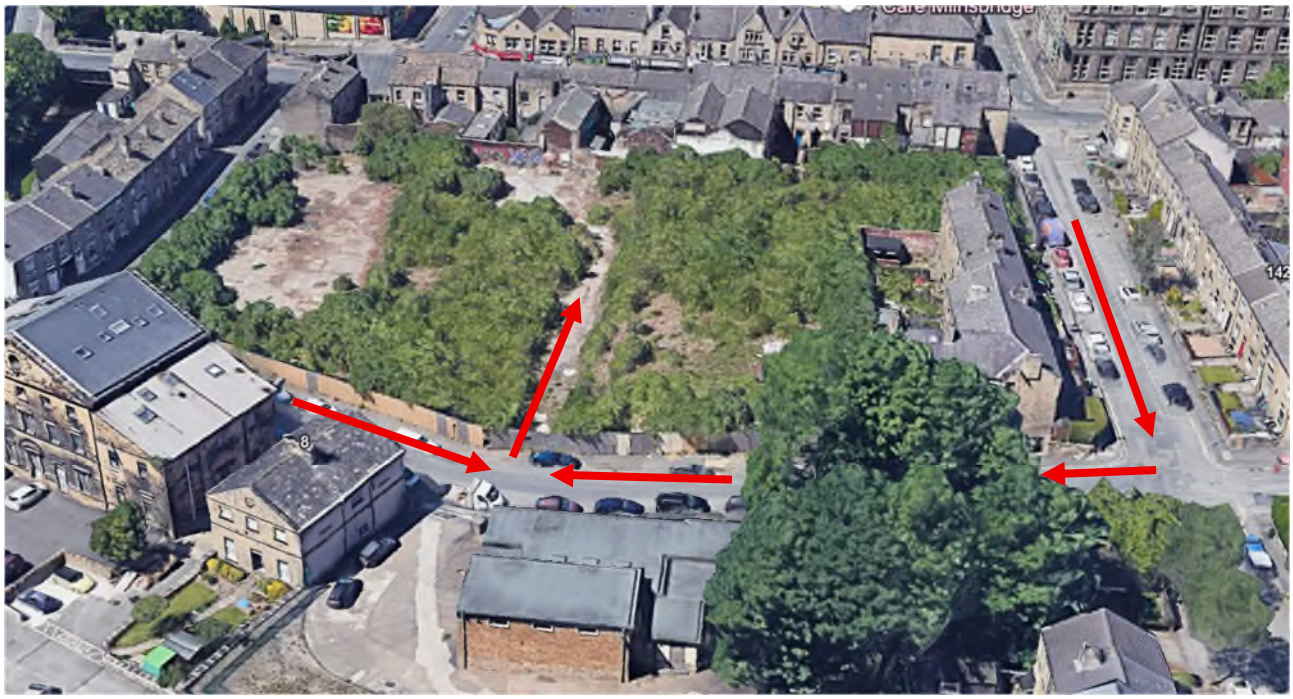
All construction access, other than in exceptional circumstances will be via Dowker Street (as detailed in the traffic management below) The contractor will make arrangements within the site where possible to endeavour that construction staff will be able to park within the site.

The supply chain will be notified that deliveries, where possible are to occur during none ‘rush hour’ times. Local supply chain will be used where possible to reduce the site carbon footprint and materials will be ordered in bulk to reduce the number of deliveries to the site.

A traffic management plan will be developed with all contractors engaged on site which will be displayed in the site office and confirmed to all operatives at the time of their induction. The traffic management plan will ensure that all vehicles entering and leaving the site do so under the control of a trained banks man.

6.1.2 The provision of wheel washing facilities and any other relevant measures will be employed for keeping the highway clean, and free from debris associated with the construction activities

3. Fig03 Traffic management plan



Construction hours

Other than in exceptional circumstances construction work will be confined to the following hours: -

- Monday to Friday 08:00 – 18:00
- Saturdays- 08:00- 13:00
- Sunday and Bank Holidays - No working

If exceptional circumstances arise the “responsible person” will notify the local planning authority of the proposed time and date of the works and the reason why the work is required to take place outside the above stated hour

6.2 Zone of influence

The term Zone of Influence is used to describe the geographic extent of potential impacts of a proposed development. The Zone of Influence is determined by the nature of the development and also, in relation to designated sites, habitats or species which might be affected by the proposals. For this site the Zone of Influence is the site boundary only due to the residential and commercial developments surrounding the site boundary**.**

7 Pilling activities

7.1 Vibro piling

All foundation designs will require additional ground stability, the provisions of vibro piling techniques will be employed, to provide effective foundation compaction.

Advantages of vibro pilling

- An effective treatment for soft/weak soils at depths of 2m >20m.
- Optimised and localised treatment solution for differing soils.
- Highly economical and often results in greater time savings.
- Reduces the risk of seismically induced liquefaction.
- Minimal noise and vibration.
- Allows high production rates being quicker to complete than piling.
- Cost effective alternative to piling.

The following environmental controls and monitoring activities will be implemented on site:

TASK	RESPONSIBILITY
Plan to use vibro pilling techniques on site	Project Manager/Contracts manager
Introduce a specialist vibration monitoring company to the project, to provide the provision of installing vibration monitoring units situated within areas external to the site boundary that may be impacted/influenced by potential vibration levels. Undertake noise monitoring from identified sensitive receptors	Project Manager/Contracts manager/site supervisor Specialised contractor Project Manager/Contracts manager/site supervisor
Documentation:	
Ensure that copies of the following are retained on site: ▪ Vibration levels record logs (electronic data) ▪ Complaints registers ▪ Engineering set out logs ▪ Noise monitoring logs	Project Manager/ site supervisor
Site Controls:	
Daily monitoring of vibration levels during vibro pilling activities	Site Manager
Stop piling activities if vibration parameters reach agreed excessive limits	Site Manager
Daily monitoring of site noise levels during vibro pilling activities	Site Manager
Stop piling activities if noise level parameters go above 75dBA	Site Manager

TASK	RESPONSIBILITY
Undertake community relations initiatives, engaging with residents informing them of the working activities being undertaken.	Site Manager
Provide contact details of site management to residents to raise concerns or issues with the site's construction activities.	Site Manager

8 Ecological assessments and controls

8.1 Tree clearance and shrubs

No clearance of trees and shrubs in preparation for (or during the course of) development shall take place during the bird nesting season (March-August inclusive) until the provision of an ecological survey has been submitted to and approved in writing by the Local Planning Authority to establish whether the site is utilised for bird nesting.

Should the survey reveal the presence of any nesting species, then no clearance shall take place during the period specified above unless a mitigation strategy has first been submitted to and approved in writing by the local planning authority which provides for the protection of nesting birds during the period of works on site. The mitigation strategy shall be implemented as approved.

No development shall take place (including any ground works or vegetation clearance) until a Reasonable Avoidance Measures Method Statement (RA/MS) for amphibians has been submitted to and approved in writing by the Local Planning Authority.

On commencement of development, the approved details concerning site clearance (including removal of vegetation, water bodies or any structure bases) shall be adhered to throughout the works**.**

9 Appendices

9.1 Appendix B - Environmental Risk Assessment Air/dust Pollution.

9.2 Appendix C- Noise and Vibration Risk Assessment

9.3 Westshield Complaint log system

9.4 Westshield example letter to residents

9.5 Ostara Ecological Services (Ecological Appraisal)