Construction Environmental Management Plan

Address: Crown House, 12 Southgate, Huddersfield, HD1 1DE

Project: Change of use of Crown House to provide student only living accommodation (Sui Generis) in the form of studios (198), with ancillary concierge and communal facilities including an open plan lounge, coffee bar and gym at ground floor, with laundry, car parking, cycle store, parcel store and plant rooms at basement level and associated works including the installation of new cladding and fenestration to the elevations with a new roof top garden atop the building

Document Control Sheet

Client: Abode Manchester 2 Ltd

Location: Crown House, 12 Southgate, Huddersfield, HD1 1DE

Document Ref: 25_ 505 CEMP

Status	Issued
Date:	29/10/2025
Issue to:	Abode Manchester 2 Ltd
Author:	Kate Hewitt

Revision Status

Issue No	Issued to	Changes Made	Date
ONE	Abode Manchester 2 Ltd	N/A	29/10/2025
TWO	Abode Manchester 2 Ltd	ONE (3.2 Anticipated Construction Programme)	28/01/2026
THREE	Abode Manchester 2 Ltd	3rd Party usage, updated CIRIA and wheel wash section	03/06/2026
FOUR	Abode Manchester 2 Ltd	Clarification of phased construction approach (Sections 3.2, 3.3, 4.2, 4.5 and 4.6)	10/06/2026

Document Prepared By: Hewitt&Carr Services

Unit G1 DaisyBank House
17-19 Leek Road
Cheadle
Stoke on Trent
ST10 1JE

Telephone: 01538 711777
Email: hello@hc-services.uk
Web: www.hc-services.uk
Date: 29/10/2025

Contents

1. Introduction

1.1 Background

Hewitt&Carr Services has been instructed by Abode Manchester 2 Ltd to prepare a Construction Environmental Management Plan (CEMP) for Crown House, 12 Southgate, Huddersfield, HD1 1DE

The planning application related to this CEMP is for permission for: Change of use of Crown House to provide student only living accommodation (Sui Generis) in the form of studios (198), with ancillary concierge and communal facilities including an open plan lounge, coffee bar and gym at ground floor, with laundry, car parking, cycle store, parcel store and plant rooms at basement level and associated works including the installation of new cladding and fenestration to the elevations with a new roof top garden atop the building

It is essential that the environmental management of the construction works associated with the scheme shall be delivered through the CEMP and this CEMP shall form the basis of the Principal Contractor's (the 'Contractor') CEMP and describes how construction activities should be undertaken and managed.

The CEMP will form part of the site induction which will be mandatory for all employees, contractors and visitors attending the Crown House, 12 Southgate, Huddersfield, HD1 1DE construction site (hereafter referred to as the 'site'). All employees and contractors will be required to familiarise themselves with the contents of the CEMP.

The Contractor shall be responsible for reviewing the environmental requirements in this CEMP, developing the construction methodology considering those requirements, and updating the CEMP in greater detail prior to construction commencing should this be required. Once this exercise has been completed the document is then referred to as the Contractor's CEMP. The Contractor will be responsible for safeguarding the environment and for mitigating the effects of the construction works (the 'works') by implementing the general environmental requirements of the CEMP. The Contractor will regularly review and update the CEMP and incorporate it into the Contractor's Quality Management System (QMS) and/or Environmental Management System (EMS).

In preparing this report, Hewitt&Carr Services has relied upon, and presumed accurate, any information (or confirmation of the absence thereof) provided by the Client and/or from other sources. Except as otherwise stated in the report, Hewitt&Carr Services has not attempted to verify the accuracy or completeness of any such information. If the information is subsequently determined to be false, inaccurate, or incomplete then it is possible that our observations and conclusions as expressed in this report may change.

1.2 Scheme Location and Description

The area impacted by the scheme (total construction area) is referred to as 'the site'.

The site is surrounded by commercial/industrial buildings.

To the Eastern boundary there are/will be other independent construction projects running potentially concurrently. **Site Manager to liaise with any developers of nearby sites to agree any additional measures required in relation to any potential cumulative impacts.**

The development comprises Change of use of Crown House to provide student only living accommodation (Sui Generis) in the form of studios (198), with ancillary concierge and communal facilities including an open plan lounge, coffee bar and gym at ground floor, with laundry, car parking, cycle store, parcel store and plant rooms at basement level and associated works including the installation of new cladding and fenestration to the elevations with a new roof top garden atop the building

1.3 Purpose and Scope

The CEMP document provides a comprehensive framework for the environmental management during the construction works and provides the following:

- A summary of the construction effects on sensitive receptors
- Any suggested mitigation measures to reduce construction effects on sensitive receptors
- Recommendations of further works, such as monitoring, to be undertaken prior to/ during the works.

The CEMP also ensures:

- Compliance with all relevant legislation and statutory controls including planning conditions, agreements and landowner/client environmental requirements
- Delivery of the best practicable environmental performance by preventing pollution, minimising adverse environmental impacts and achieving higher standards of environmental performance on a construction site.

All documentation in relation to the environmental management of the works shall be maintained by the Contractor and made available to the Client/Project Manager throughout the length of the project.

Emergency contact details for the construction works must be clearly displayed on the site entrance in sight of the public.

The CEMP is a live document and must be reviewed regularly and updated by the Contractor during both the pre-construction and construction phases. Upon any amendments and electronic version of the updated CEMP must be distributed to all individuals who hold a role of responsibility on the project.

The performance of the Contractor's CEMP in meeting environmental objectives and targets, mitigating environmental effects and in achieving effective environmental management shall be subject to review by the Project Manager at least every two months until the end of the project.

The purpose of this document is to outline and describe how the contractor will manage and where possible minimise the impact of the developer's construction upon the neighbouring buildings and residents. The contractor will be committed to achieving high environmental standards throughout the development period.

2. Project Team

2.1 Construction Team

To fulfil the aims of the CEMP and to ensure that all the environmental commitments for the construction are met, it is important to ensure that the roles of all staff are clearly set out, and that prior to, and throughout the works, they are made aware of the environmental sensitivities and commitments that are required to be adhered to.

2.2 Environmental Team Requirements

This section provides further details on the roles of the key members of the Contractor's project environmental team. It is anticipated that for the project the following roles may be included but not limited to:

- Project Manager
- Principal Designer
- Principal Contractor
- Resident Relations Officer
- Site Manager
- Environmental Site Officer
- All Staff / Sub-contractors

2.3 Roles and Responsibilities

The success of the CEMP will depend on its implementation, which will be achieved by good leadership, management, communication, and training. Individuals responsible for commitments in the CEMP have been and will be involved in its evolution and, therefore, will be advocates for the process and measures included in this CEMP to be implemented.

An overview of the key roles and responsibilities:

The Applicant / Employer
Responsible for the appointment / allocation of a Project Manager, Principal Contractor, Site Manager and Environmental Site Officer, and holds overall responsibility for activities on-site and the implementation of the CEMP.

Principal Designer Responsibilities

The Principal Designer (PD) shall be appointed by the Client in accordance with the Construction (Design and Management) Regulations 2015 (CDM 2015) and will be responsible for planning, managing, and monitoring the pre-construction phase to ensure that health, safety, and environmental risks are appropriately identified, eliminated, or controlled through design.

The Principal Designer's key responsibilities shall include:

- Design Risk Management:

Ensuring that foreseeable health, safety, and environmental risks are identified at an early stage and that suitable design measures are developed to mitigate or eliminate these risks throughout the project lifecycle.

- Coordination of Design Information:

Managing the flow of design information between designers, the Client, and the Principal Contractor to ensure that relevant health, safety, and environmental considerations are integrated into the design.

- Review of Pre-Construction Information:

Collating and reviewing all relevant site data (e.g. contamination, ecology, asbestos, drainage, flood risk) to inform safe and sustainable design decisions and ensure that this information is communicated to all project stakeholders.

- Integration of Environmental Controls:

Working with the Environmental Manager and Site Manager to ensure that environmental mitigation measures — such as pollution prevention, waste minimisation, sustainable materials selection, and protection of ecological features — are embedded in the design and construction methodology.

- Preparation and Handover of the Health and Safety File:

Compiling and maintaining the project's Health and Safety File, ensuring it accurately records residual hazards and environmental management features for future maintenance, operation, and decommissioning.

- Design Change Management:

Reviewing and assessing any design changes during the construction phase to confirm that they do not introduce unacceptable risks to health, safety, or the environment, and that such changes are properly documented and communicated to the Principal Contractor.

- Liaison and Compliance:

Maintaining close communication with the Client, Principal Contractor, and statutory authorities to ensure continued compliance with CDM 2015, environmental legislation, and local planning conditions.

The Principal Designer shall ensure that all designers, contractors, and consultants engaged on the project are aware of their duties under Regulations 9 to 11 of CDM 2015, and that a collaborative approach is maintained to promote a safe and environmentally responsible working environment throughout both design and construction stages.

Project Manager

The Project Manager is responsible for directing the Principal Contractor on the project and:

- Leads the responsibility on contractual appointments and budget matters
- Checks that the Principal Contractor has allocated sufficient resources to deliver the works in accordance with the requirements of the CEMP
- Assigns specific requirement / duties to competent members of the Project Team
- Co-ordinates communication with key stakeholders and other third parties as required

- Reviews the findings of the monitoring programme and directs the Principal Contractor / Environmental Site Officer as required

Principal Contractor

Responsible for the day-to-day management of construction activities on-site, ensuring the activities adhere to the actions set out in the CEMP, including:

- Ensuring that any demolition and construction activities are carried out in compliance with the CEMP
- Checking the qualifications and competence of the contractors / sub-contractors are appropriate for their appointment
- Ensuring that all site workers undertake environmental awareness training (including an induction for all site workers / contractors to support the implementation of the CEMP) and are provided with sufficient supervision and instruction to fulfil this requirement
- Ensuring that all contractor's allocated specific environmental responsibilities are notified during their appointment and confirm that their responsibilities are clearly understood
- Monitor the performance of contractors / sub-contractors and provides guidance as and when required
- With the Environmental Site Officer, undertake a monthly audit of the CEMP; and undertake corrective actions in the event of non-compliances

Site Manager - Ronald Sokimi SM/Engineer 07427 082 061

The **Site Manager** shall be responsible for the day-to-day implementation of this Construction Environmental Management Plan (CEMP) and for ensuring that all works are carried out in compliance with relevant environmental legislation, site procedures, and planning conditions. The Site Manager will hold overall responsibility for supervising all on-site activities to ensure that construction operations are conducted in a safe, environmentally responsible, and considerate manner.
Key responsibilities shall include:

- **Implementation and Oversight**: Ensuring all contractors and subcontractors are familiar with and adhere to the requirements of this CEMP, including pollution prevention, waste management, and traffic control measures.

- **Environmental Protection**: Monitoring site activities to prevent pollution incidents, control dust, noise, and vibration, and protect sensitive receptors and habitats in accordance with *CIRIA C741: Environmental Good Practice on Site (5th Edition, 2023)*.

- **Compliance Monitoring**: Conducting regular environmental inspections and audits, maintaining inspection records, and ensuring corrective actions are implemented where non-compliances are identified.

- **Waste and Materials Management**: Overseeing segregation, storage, and disposal of waste in accordance with the *Environmental Protection Act 1990* and the project's *Site Waste Management Plan (SWMP)*.

- **Water and Pollution Control**: Ensuring that surface water drainage, fuel storage, and spill prevention measures are managed in line with *CIRIA C736: Containment*

Systems for Pollution Control and the *Control of Pollution (Oil Storage) (England) Regulations 2001*.

- **Communication and Liaison**: Working in coordination with the **Resident Liaison Officer (RLO)** to communicate planned works, manage complaints, and provide timely information to residents, neighbouring businesses, and stakeholders.

- **Training and Induction**: Ensuring that all personnel receive environmental and health & safety inductions prior to commencing work on site, and that toolbox talks are delivered regularly to reinforce best practice.

- **Emergency Response**: Acting as the first point of contact in the event of an environmental incident or emergency, ensuring that appropriate containment, notification, and reporting procedures are followed.

The Site Manager shall report directly to the **Principal Contractor's Project Manager** and shall ensure all environmental records, inspection logs, and incident reports are maintained on site and made available for review by the client, Environmental Manager, or Local Planning Authority upon request.

Resident Liaison Officer – Geoff Smith 07949 844 952

A **Resident Liaison Officer (RLO)** shall be appointed by the Principal Contractor to act as the primary point of contact between the construction team, local residents, and stakeholders throughout the duration of the works. Although the site is located within a predominantly commercial and industrial area, the proposed development will introduce student-only accommodation, and as such, clear and proactive communication with neighbouring occupiers and stakeholders will be essential to maintain good community relations and minimise disturbance.
The RLO shall be responsible for implementing the **Community and Stakeholder Engagement Plan** as part of this CEMP, ensuring all adjoining businesses, residents, and other affected parties are informed of key construction activities, traffic movements, and any temporary restrictions. The RLO will issue advance notifications of potentially disruptive works (e.g. noisy operations, deliveries, or road closures) through newsletters, emails, and on-site notices.
All enquiries, comments, or complaints from residents or stakeholders shall be logged in a **Community Engagement Register**, reviewed weekly by the Site Manager, and appropriate remedial actions recorded. The RLO will ensure that all feedback is addressed promptly and communicated to the affected party.

The RLO shall also work closely with the Site Manager and Environmental Manager to ensure that construction activities are carried out in accordance with this CEMP, with particular regard to:

- Minimising **noise, vibration, dust, and traffic disruption**;
- Maintaining **safe and clear access routes** for surrounding premises;
- Ensuring **emergency contact information and signage** are clearly displayed and updated.

All community liaison activities shall be conducted in line with:

- **CIRIA C741: Environmental Good Practice on Site (5th Edition, 2023)**
- **Considerate Constructors Scheme (CCS) Code of Considerate Practice**
- **Construction (Design and Management) Regulations 2015**

A summary of liaison activities, communications issued, and any complaints or resolutions shall be included in the **monthly environmental monitoring reports** submitted to the client and, where applicable, the local planning authority.

Environmental Site Officer

The Environmental Site Officer is responsible for the co-ordination, monitoring and reporting of the CEMP, through liaison with the Principal Contractor and other parties as appropriate and for ensuring that the works are undertaken in accordance with the commitments provided in the CEMP. Responsibilities will include:

- Checking that the CEMP is audited and reported back to the client monthly
- Reviewing the CEMP and other complementary plans and procedures to ensure they are compliant with the CEMP
- Monitoring the Principal Contractor to ensure that all relevant legal consents, licences etc. are implemented prior to works commence, and that all mitigation requirements are adhered to
- Co-ordinating the technical and environmental specialists as part of the implementation of the monitoring schedule to monitor and record the effects arising from demolition and construction activities
- Acting as the first point of contact for any environmental issues encountered by the Principal Contractor
- Investigating all environmental incidents and ensuring that they are recorded and reported, with corrective / preventative actions undertaken. Undertake the review of root causes with the Project Team to prevent incidents recurring
- Input into method statements and all environmental aspects of the project
- Contributing to the communication on environmental matters between the Project Team and relevant consultees / stakeholders
- Co-ordinating the CEMP review process
- Ensuring that the objectives of the CEMP are being achieved and are not contrary to any relevant legal requirements

All Staff (Contractors / Sub-Contractors)

All staff will have a role to play in implementing the CEMP and have a deputy to protect the environment from unnecessary damage. All staff responsibilities include but are not limited to:

- Working in accordance with approved plans, method statements and procedures specified within the CEMP to minimise environmental impacts
- Understand the importance of avoiding pollution on-site, including noise and dust, and how to act in response to an incident event
- Reporting all incidents immediately to their line manager
- Monitoring the workplace for potential environmental risks and alerts their line manager if any are observed

3. Construction Activities

3.1 Overview

The development comprises of the 'Change of use of Crown House to provide student only living accommodation (Sui Generis) in the form of studios (198), with ancillary concierge and communal facilities including an open plan lounge, coffee bar and gym at ground floor, with laundry, car parking, cycle store, parcel store and plant rooms at basement level and associated works including the installation of new cladding and fenestration to the elevations with a new roof top garden atop the building

All construction activities shall be carried out in compliance with this Construction Environmental Management Plan, a copy of which shall be kept within the site office along with the Construction Health & Safety plan for the lifetime of the development.'

Typical construction activities may include but are not limited to:

Site establishment
- Installation of site security fencing and tree protection barriers
- Permitted felling/ pruning of any existing trees and hedges
- Site clearance and removal of waste arising from site
- Installation of site accommodation, welfare facilities and contractor onsite parking

Ground works
- Demolition and removal of any existing structures to be removed
- Construction of new roads, paths and parking
- Excavations for and casting of concrete foundations and new drainage
- Suspended ground floor construction
- Excavations for installation and connection of new utility services

Super structure works
- External wall construction
- Scaffolding
- Carpentry
- Roof tiling
- Cladding and rendering
- Plumbing and electrics
- Plastering
- Flooring and tiling
- Decoration.

External works
- Fencing
- Landscaping

Typical construction traffic:
- Cars, vans, trucks, lorries, excavators, dumpers, piling rig, tele handlers, mobile cranes, road sweepers

3.2 Anticipated Construction Programme

Anticipated Construction Programme subject to responses from Building Control and the Building Safety Regulator as this is a High-Risk Building and therefore is progressing through the gateways.

The initial phase of the development will comprise internal works only, including site establishment, internal strip-out, preparation works and associated internal construction activities. During this initial phase, the Principal Contractor will utilise the available site area and existing building floorspace for welfare, storage, materials management and contractor operations. No reliance on third-party land is required for the commencement or management of these initial internal works.

External works, including any façade, cladding, scaffolding or external access requirements, will be undertaken as a later phase of the development. Prior to commencement of those external works, the Principal Contractor will confirm the final external compound, access, scaffold, welfare, storage and laydown arrangements. Where any third-party land is proposed to be used, this will be subject to agreement with the relevant landowner. If such agreement is not obtained, alternative arrangements will be confirmed before the external phase commences.

- **Beginning of March 2026 – End of September 2027**
- **18 month build**

3.3 Construction Methodology

The construction of the Scheme will include the following elements:

- Set up construction compound and access
- Installation of temporary fencing and/or hoarding
- Site Clearance
- Demolition on site (if required)
- Excavation and earthworks including footing and new ground slab
- Infrastructure associated with scheme to be commissioned
- Landscaping
- External works

The sequencing of the above activities will vary throughout the project. Initial works will be focused on internal operations within the existing building, with external works, scaffolding, and any associated compound expansion implemented during later phases of the development.

As with all areas involved in the development of this CEMP, as the design is progressed and as construction commences, the Contractor will be responsible for providing further details to the above.

3.4 Construction Site Compound

There will be one site compound used during construction of the Scheme which will be located **APPENDIX A**

The arrangement shown within Appendix A represents a preliminary and preferred construction layout only. The final location of welfare facilities, storage areas, laydown space and any temporary compound facilities will be determined by the Principal Contractor prior to commencement of works and may be revised subject to landowner agreements and operational requirements.

The compound may be split into areas such as:

Area A - for the location of the main site offices, localised staff parking, meetings, contract admin, welfare etc.
Area B - for site staff, welfare and some plant and materials.

The precise location and extent of temporary construction compounds, welfare facilities, storage areas and laydown space will be confirmed by the Principal Contractor prior to commencement of works. Where third-party land is identified as a preferred option, its use will be subject to agreement with the relevant landowner. Should such land not be available, alternative arrangements will be implemented to ensure the development can proceed in accordance with this CEMP.

3.5 Construction Traffic Management Plan

Most of the scheme will be constructed within a secured boundary, which will ensure minimal impacts to the existing road network. **APPENDIX A**

Details of any issues will be addressed via a Construction Traffic Management Plan (CTMP) to be prepared by the Contractor.

3.6 Risk Assessments and Method Statements

Method statements and risk assessments will be created, considering impacts to the surrounding environment such as dust, dirt and noise, etc.

All construction works will be undertaken using appropriate suppression methods to minimise both the impact to the environment and the Health & Safety risks for the operatives on site.

All activities undertaken on site shall be subject to a risk assessment. Risk assessments will be undertaken by trained staff following an approved procedure and the findings of the risk assessment and in particular the necessary controls will be explained to all operatives before the commencement of the relevant tasks. The risk assessments will:

- Identify the significant environmental and Health & Safety impacts that can be anticipated.
- Assess the risk from the identified impacts;
- Identify the control measures to be taken and re-calculate the risk;
- Report where an inappropriate level of residual risk is identified so that action can be taken through design changes, re-scheduling of work or alternative methods of working to reduce the risk to an acceptable level.
- The results of risk assessments, and their residual risks are only considered acceptable if; the severity of outcome is reduced to the lowest practical level; the number of risk exposures are minimised; all reasonably practical measures have been taken and the residual risk rating is reduced to a minimum.

All site managers will have noise level monitoring equipment available if necessary. Risk assessments will highlight possible high levels of noise for certain operations. If highlighted, construction baffles will be used to mitigate the disturbance to neighbouring residences and public.
During dry periods dust suppression will be used on site to reduce possible nuisance dust. Several methods will be used including hose pipes to damp down works areas, dust suppression equipment on disc cutters etc, bowsers to damp down traffic routes.

Prior to construction commencing, the Developer and its appointed Principal Contractor will produce a detailed Construction Method Statement (CMS) outlining the methods and procedures which will be implemented during construction.

Method Statements must contain as a minimum:

- Location of the activity and access/egress arrangements;
- Work to be undertaken and methods of construction;
- Plant and materials to be used;
- Labour and supervision requirements;
- Health, safety and environmental considerations; and
- Permit or consent requirements.

4. Construction Activities

4.1 Communication/ Environmental Signage and Site Information Requirements

Communication

The Principal Contractor shall be responsible for communication with the community during the construction period.

A letter drop will be carried out to all residents/commercial owners/developers in the vicinity. This will provide contact details should a local resident/commercial owners/developer have any complaint or concerns. The letter will contain details of the contractor so that any resident who may not wish to liaise with site has a direct link with the contractor, client details will also be included.

Any complaints will be recorded on the site monitoring sheets along with how they were dealt with.

The fencing/site entrance will house the appropriate decorative displays with site Health & Safety details and site contractor information for public information.

All signage shall be designed, installed, and maintained in accordance with:

- Construction (Design and Management) Regulations 2015 (CDM 2015)
- The Health and Safety (Safety Signs and Signals) Regulations 1996
- Environmental Protection Act 1990
- CIRIA C741: Environmental Good Practice on Site (5th Edition, 2023)
- BS 6044:2019 – Graphical symbols for use on safety signs
- ISO 7010:2019 – Safety signs: Registered symbols

General Site Signage:

Prominent and durable signage shall be displayed at the main entrance and at key access points, clearly stating:

- Project
- Principal Contractor
- Site Manager:
- Emergency Contact (24hrs):
- Access Restricted – Authorised Personnel Only

Signage shall be reflective, weather-resistant, and legible at a minimum distance of 10 metres. Multilingual signage should be considered where relevant.

Environmental Awareness and compliance Signage

The contractor shall display environmental awareness notices at welfare units, material storage areas, and site boundaries:

This is an Environmentally Managed Site
Please ensure:

- No littering or pollution incidents occur.
- Noise, vibration, and dust are controlled in accordance with the CEMP.
- Watercourses and drains are protected from contamination.
- Wildlife and vegetation within exclusion zones are not disturbed.
- Report all environmental incidents immediately to the Site Manager.

Reference: *CIRIA C741, Sections 4.2 & 6.5 (Pollution prevention and awareness).*

Waste Management Signage

Clearly labelled signage shall be displayed at the waste storage and segregation area:

Waste Management Zone
All waste must be segregated as follows:
♻ Recyclables | 🪨 Inert Waste | ⚠ Hazardous Waste | 🗑 General Waste

Unauthorised disposal, burning, or mixing of waste is strictly prohibited.
Refer to the Site Waste Management Plan (SWMP) for full procedures.

Reference: *Environmental Protection Act 1990, Duty of Care Regulations 1991.*

Pollution Prevention Signage

- Designated spill response points shall display the following:
- Spill Kit Station
- Stop the source if safe to do so.
- Contain using absorbent materials provided.
- Notify the Site Manager immediately.
- Dispose of contaminated waste appropriately.

Reference: *CIRIA C736: Containment systems for pollution control (2014).*

Sensitive and Protected Zones

Where ecological or heritage constraints exist, install exclusion fencing and signage such as:

Environmental Protection Zone – Keep Out
No access, storage, or works permitted beyond this point.
Maintain fencing and signage integrity at all times.

Reference: *BS 42020:2013 – Biodiversity: Code of practice for planning and development.*

Traffic and Access Signage

Traffic routes shall be clearly defined with durable signage:

Construction Traffic Only
Observe site speed limits (maximum 10 mph).
Follow directional arrows and one-way systems.
Switch engines off when stationary.

Pedestrian routes shall be delineated, with crossing points and warning signs provided where vehicle movements occur.

Reference: CIRIA C793: *Construction logistics and community safety (CLOCS) guidance.*

Signage Maintenance and Inspection

All signage shall be:

- Installed prior to commencement of works.
- Inspected weekly as part of site environmental inspections.
- Replaced immediately if damaged, illegible, or removed.
- Recorded within the Environmental Inspection Log.

4.2 Welfare Facilities / PPE

During the initial internal phase of the development, welfare facilities will be accommodated within the existing building and available site area. Should additional welfare provision be required during later construction phases, this will be incorporated within the final compound arrangement confirmed by the Principal Contractor prior to commencement of those works.

The facilities will be expected to follow the guidelines as per the table to ensure the CDM Regulations 2015 are conformed to.

Sanitary Convenience	Separate provision for male and female personnel on the following basis.		
	No of persons on site.	**No of WCs.**	**No of urinals.**
	1-25	1	2

<table>
<tr><td rowspan="5">Washing Facilities</td><td colspan="2">• Hot and cold running water</td></tr>
<tr><td colspan="2">• Supplies of soap and towels/dryers</td></tr>
<tr><td colspan="2">• Wash basins, suitable for the immersion of the hand and forearm, on the basis of</td></tr>
<tr><td>No of persons on site.</td><td>No of wash basins.</td></tr>
<tr><td>1-25</td><td>2</td></tr>
<tr><td>Drinking Water</td><td colspan="2">• Freely available supply
• Cups and beakers</td></tr>
<tr><td>Accommodation for changing clothes</td><td colspan="2">• Drying room/storage room for protective clothing
• lockers</td></tr>
<tr><td>Rest Room/Area</td><td colspan="2">• Facilities for break times. Must be heated and provide shelter from weather elements.
• Facilities for boiling water
• Facilities for providing hot food.</td></tr>
</table>

There are sufficient onsite facilities available for all workers to utilise.

Construction workers will wear appropriate PPE for the task being completed. The contractor and site manager will ensure that PPE is always worn on site and issue PPE if required.

4.3 Site Working Hours

Site working hours are 07:30 to 16:30, Monday to Friday. No construction vehicle deliveries or collections will be permitted outside these hours.

Vehicle movements will be phased according to the project programme:

Phase 1: Demolition (soft strip) & Site Setup (Weeks 1-20):

HGVs: 10-15 movements per day (primarily tipper trucks for spoil removal).

Peak Times: 08:00 - 12:00 & 13:00 - 15:00.

Phase 2: Envelope & Fit-out (Weeks 31-60):

HGVs: 10-15 movements per day (façade materials, plant, and internal fit-out items).

Peak Times: 08:00 - 11:00.

A detailed weekly delivery schedule will be maintained by the Site Manager. **APPENDIX A**

Should access lighting be required at any point, this will be highlighted during the risk assessments and lighting baffles if needed will be integrated.

4.4 Site Access

The primary access to the site compound and works area for all construction traffic will be from the existing highway network. To minimise impact on Huddersfield's CBD,the following routes are prescribed for HGVs. These will be communicated to all suppliers and subcontractors via the Site Waste Management Plan (SWMP) and delivery documentation.

Primary Inbound Route (from the M62 Motorway):

M62 Junction 25 - A644 Wakefield Road - A616 New North Road - A62 St. George's Square - Southgate Road - Old Leeds Road (Site Access).

Primary Outbound Route (to M62):

Old Leeds Road – Southgate Road – A62 Leeds Road – A616 New North Road – A644 Wakefield Road – M62 Junction 25.

Routes will be kept under review and adjusted in liaison with Kirklees Council Highways Department if necessary.

The site will be secured to ensure there is no pedestrian access to the site. All construction works will be carried out free from the neighbouring pedestrian routes whenever possible. Closures will be applied for as and when required.

The closest identified public footpath to the site is HUD/336/10, the closest restricted byway is HUD/337/10.

- Purple – Public Footpath
- Red – Restricted Byway

4.5 Site Parking and vehicle movements

The site compound area will consist of main site offices, skip locations, storage areas and vehicle parking. **APPENDIX A**

Initial Phase: The existing basement car park within Crown House will be utilised for construction staff and trades workers

Later Phases: As the project progresses and the basement is required for storage or subsequent works, alternative arrangements will be implemented. The University area adjacent to the site has been identified as a potential location for temporary construction parking, subject to agreement with the landowner. Should agreement not be obtained, the Principal Contractor will implement alternative parking arrangements either within the site boundary or at a suitable off-site location prior to commencement of the relevant phase of works. On-street parking by site operatives will not be permitted.

Policy: All site personnel will be instructed that on-street parking in the immediate vicinity is prohibited to avoid disruption to local businesses and residents.

Construction related vehicles are not to park in resident spaces under any circumstances. Due to the nature of the project, it is anticipated that operatives will only need parking for vans and cars. Refuge areas off public roads will be available for deliveries to avoid large vehicles causing issues on public roads.

Only a limited number of car and HGV construction movements typically occur during the peak hours. The working hours of most operatives should not coincide with the network peak and construction processes will be programmed to avoid reliance on deliveries of concrete and bituminous materials during the more congested periods and delivery drivers would wish to avoid being on the network at congested times of the day when drivable hours used are disproportionate to the quantities of goods deliverable.

It is to be ensured that all vehicles switch off engines when stationary - no idling vehicles and wherever possible the use of diesel- or petrol-powered generators should be avoided, using mains electricity or battery powered equipment where possible.

A list of possible plant to be used on site is provided below:

- Earth Moving Equipment
- Dozer
- Tracked Loader
- Hydraulic Excavator
- Vibratory Compactor
- Road Making Equipment
- Roller
- Road Paver
- Hauling Equipment
- Tractors/trailers
- Trucks
- Tipper
- Crane
- Concreting Equipment

- Mixers
- Dumpers

Only trained, certified, competent operatives will be allowed to operate the plant machinery. A record of all operatives' certificates should be kept in the site office.

All plant should come to site with a current and up to date record of service and an annual inspection sheet. An onsite weekly inspection will be carried out by the Site Agent of all operated plant and recorded. All plant maintenance is to take place in the site compound only. Refuelling of all plant is to take place in the compound and drip trays are to be employed during the fuelling process.

HGV waiting areas and management

Given the constrained nature of the site, there is no on-site waiting area for HGVs.

Procedure:

1. Strictly Timed Deliveries: All HGV drivers must adhere to their pre-booked delivery time slots.
2. Off-Site Holding Area: In the event of an early arrival or a delay on site, HGVs will be instructed to wait further back along Old Leeds Road, away from the hammerhead and Southgate Road junction, where it is wider and can accommodate stationary vehicles without causing significant obstruction.
3. Driver Communication: All drivers will be provided with a site contact number. They must call 30 minutes prior to arrival and must not proceed to the site entrance until given a clear signal by the banksman.
4. Banksman: A trained banksman will be present during all HGV movements into and out of the site to ensure safety and efficient turnaround.

Estimated Number and Times of Movements:

- Site working hours are 07:30 to 16:30, Monday to Friday. No construction vehicle deliveries or collections will be permitted outside these hours.
- Vehicle movements will be phased according to the project programme:
- Phase 1: Demolition (soft strip) & Site Setup (Weeks 1-20):
- HGVs: 10-15 movements per day (primarily tipper trucks for spoil removal).
- Peak Times: 08:00 - 12:00 & 13:00 - 15:00.
- Phase 2: Envelope & Fit-out (Weeks 31-60):
- HGVs: 10-15 movements per day (façade materials, plant, and internal fit-out items).
- Peak Times: 08:00 - 11:00.
- A detailed weekly delivery schedule will be maintained by the Site Manager.

4.6 Material Compound storage and deliveries

There will be a designated area within the site compound for material storage only.
APPENDIX A

Best practice approach of ordering materials will be adopted wherever possible to reduce the number of materials stored on site at any time.

Site working hours are 07:30 to 16:30, Monday to Friday. No construction vehicle deliveries or collections will be permitted outside these hours. Before starting any unloading, all delivery drivers must report to the Site Manager.

These times also apply to Contractor deliveries of equipment and plant. Plant and Materials will be stored in designated areas within the site only.

The sole designated access point for all construction vehicles, including HGVs, will be from Old Leeds Road. This road terminates in a hammerhead cul-de-sac to the side of the building, which provides a suitable turning area for larger vehicles.

If circumstances allow and to reduce vehicular movements, deliveries will be made direct to the work zone to mitigate double handling and double vehicular movements.

Delivery vehicles whenever practical will avoid 'peak public traffic hours' to reduce traffic congestion and nuisance to the existing road and highway network. To avoid construction traffic congestion and nuisance to the surrounding area all suppliers and contractors will be made aware of traffic routes. Site entrances will be maintained and kept clean and clear.

All materials will be loaded within the site compound/boundary of the working zone to minimise congestion.

All loading and unloading will take place within the site compound, accessed from the hammerhead on Old Leeds Road.

Methodology:

A dedicated, clearly marked loading bay will be established just inside the site entrance. Materials will be off-loaded directly to their point of use by mobile plant (e.g., telehandler, telescopic crane) or transferred to a pre-defined laydown area.
The University's adjacent land has been identified as a potential location for temporary laydown and storage activities, subject to agreement with the landowner. Should such agreement not be reached, alternative storage and laydown arrangements will be implemented by the Principal Contractor within the site boundary or at an alternative off-site location. The final compound and storage arrangements will be confirmed prior to commencement of construction works.
For environmental and road safety all materials containers leaving site will be appropriately covered to avoid soiling of the roads and highway.

Engines of all vehicles, mobile and fixed plant on site will not be left running unnecessarily.

Low emission vehicles and plant fitted with catalysts, diesel particulate filters or similar devices will be used, along with using ultra-low sulphur fuels in plant and vehicles where possible.

A construction traffic co-ordinator will be appointed during the construction period to monitor heavy goods vehicle deliveries and collections of construction materials to and from the site to ensure compliance so far as practicable by contractors with the above requirements.

4.7 Site Security

Relevant pedestrian and vehicle access gates will be incorporated to meet the site and Health & Safety regulation requirements, and the delivery and personnel access gates will be controlled by the Site Management team.

The site will also have a CCTV system installed and a guard if required.

The fencing will be maintained to a high standard throughout the development and will be checked and maintained in line with temporary works procedures and recorded within the site managers weekly site tour. The fencing will house the appropriate decorative displays with site Health & Safety details and site contractor information.

4.8 Wheel washing facilities

To restrict the number of debris carried out of site, the contractor will aim to clean down the site traffic vehicles as they leave site. If necessary, site wheels will be cleaned off using a high-pressure hose and at regular intervals the road will be mechanically swept by a subcontracted street sweeper

This will be monitored by the site manager who will action cleaning down operations if deemed necessary. An order will be placed with the road sweeping contractor which the site manager will call in as necessary.

Any water generated from wheel washing operations shall be contained within the site and managed in a controlled manner. Under no circumstances shall contaminated wash water, silt, mud, or debris be permitted to discharge onto the public highway, surface water drainage system, or adjoining land. Where wheel washing is required, suitable containment measures shall be provided and any accumulated silt or contaminated water shall be collected and disposed of by an appropriately licensed contractor in accordance with environmental legislation and best practice guidance.

4.9 Waste Management

Throughout the development process best attempts will be made to reduce the amount of waste going to landfill and to maximise the use of recycling facilities and the opportunity to re-use materials. All waste streams will be segregated where possible on site before being removed by a licensed carrier. Any mixed waste will be processed at a licenced transfer station to segregate and assist with recycling/reusing waste to avoid land fill.

There will be no burning of waste materials permitted on site at any time. All waste materials will be disposed of in line with this Plan.

Temporary drainage will be installed to manage surface water runoff during construction.

Surface Water Disposal

The primary method for disposing of surface water from the development will be via the existing manhole located at the corner of the site boundary, adjacent to Old Leeds Road. This will be used as the temporary outfall from the site.

4.10 Hazardous Materials

Risk assessments for the control of substances hazardous to health regulations (COSHH), noise and environmental risks will be prepared and effectively monitored, reviewed and communicated on site.

Oils and hazardous waste (if applicable) will be stored appropriately to minimise pollution risk including compulsory use of bunded fuel browsers, drip trays and spill kits on site.

4.11 Dust Control

Best practicable means shall be used to minimise dust and mud generation and where relevant, site speed limits shall be adhered to.

Stockpiles of dusty materials shall be minimised and shall as far as possible be contained within silos or other appropriate arrangements. Soil stockpiles shall be profiled to minimise wind whipping and shall if left for any length of time be seeded or covered.

The cutting of paving slabs, bricks, blocks and tiles shall only be undertaken with a wet saw or other suitable methods to minimise dust.

The access road into and out of the site will be monitored for excessive dust build-up. Should surface dust build up the road will be swept when necessary.

During dry periods dust suppression will be used on site to reduce possible nuisance dust. Several methods will be used including hose pipes to damp down works areas, dust suppression equipment on disc cutters etc, bowsers to damp down traffic routes.

4.12 Noise / Acoustic Considerations

All site managers will have noise level monitoring equipment available and risk assessments will highlight possible high levels of noise for certain operations.

If highlighted, construction baffles will be used to mitigate the disturbance to neighbouring residences and the public.

No generators are expected to be used on site during the construction phase. However, should a generator be required, AVM's will be fitted and a sound attenuating, or acoustic enclosure will be used to reduce the levels of noise for the surrounding properties. The generator will only be used during the outlined construction hours.

All equipment will be maintained in good working order and any associated noise attenuation such as engine casing and exhaust silencers shall remain always fitted.

Noise related mitigation will include, but not be limited to, the avoidance of the unnecessary revving of engines; use of rubber linings in, for example, chutes and dumpers; and screening will be used as appropriate.

4.13 Ecology Management

Construction activity will be controlled in a way which mitigates damage or destruction to animals and their habitats

Should any bats or other protected species be found during the project, all works should cease until advice has been sought from an Ecologist.

4.14 Piling Works

With regards to the piling of foundations, should this be required, noise and vibration effects will be minimised as far as reasonably practicable. Piling works will be carried out between the hours of 9.00am – 4.00pm only and regular reviews of noise and vibration will be carried out during the works to ensure where possible that noise and vibration effects during these works are minimised.

A Piling Risk Assessment will be carried out prior to the works should this be necessary and recommendations to protect the aquifers will be incorporated into the Construction Method Statement.

4.15 Light Management

Given the proposed size and scope of the proposed development, it is most likely that the construction timetable will require elements of the works to be undertaken during periods of the year when natural daylight is limited.

Temporary Site lighting maybe required for specific activities to ensure safe working conditions but will be carried out within the limits of the permissible working hours. Control of lighting to minimise impacts on sensitive views will be required and it is intended the type of lighting will be non-intrusive and specifically designed to negate or minimise any affect to local properties and any other sensitive or valued environmental features.

The use of artificial lighting may include vehicle and plant headlights; compound lighting; office complex lighting; and localised floodlights / mobile lighting units. There will be fewer requirements for artificial lighting in the summer months when natural lighting will be present during normal working hours. It is not known of any issues with regards to the limit of lighting levels in this area, but lighting will be provided to meet the required lighting levels for the respective works which are being undertaken, especially where there is plant and machinery involved. Any issues identified with regards to limiting the lighting levels, either the lux values, or the time / duration of the lighting will be taken into consideration.

Due to the nature of the works and surrounding residential properties no perimeter lighting will be provided; the lighting will be provided by existing streetlights. Temporary lighting will be required within the compound and will be managed via timers to minimise the effect on surrounding residents. Task lighting will be used on a need-by-need basis in the form of florescent strip lighting, this lighting will be switched off during non-working hours.

4.16 Heritage / Archaeology

Any known assets which are deemed at risk of accidental damage, due to their proximity to construction works, will be marked with a visible barrier during construction. Appropriate measures will be put in place to prevent uncontrolled plant movement which could otherwise damage heritage assets located further away from the construction footprint.

5. Conclusions

This CEMP provides a comprehensive list of mitigation measures and monitoring procedures for the any demolition and construction phase of the Proposed Development. At this stage it includes mitigation measures committed to because of the Environmental Impact Assessment work. However, it is a 'live' document and will be updated regularly as more information on the Proposed Development becomes available.

As part of the monitoring process, an appointed Environmental Site Officer will be present on-site during key / new demolition and construction activities. The appointed Environmental Site Officer will observe site activities and update this CEMP as and where necessary. A brief report to the principal contractor and client will be produced during the demolition and construction phase of any updates to the CEMP and this can take the form of a short memorandum, letter or e-mail and any corrective actions will be implemented.

6.Appendices

APPENDIX A

- Any Phasing of works
- Details of Construction access arrangements
- Construction Vehicle Sizes and routes
- Numbers and times of construction vehicle movements
- Parking for Construction Workers
- Loading and unloading of plant and materials
- Storage of Plant and materials
- Welfare
- Turning Areas
- Fire Assembly point
- Site Office

Please note that there is supporting documentation within the body of this report to satisfy remaining CEMP requirements for this project.