

Acumen Designers & Architects Ltd.

Construction Environmental Management Plan

[First issue]

Jamil Ahmed
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Executive Summary

This Outline Construction Environmental Management Plan (Outline CEMP) sets out the commitments and measures that will be adopted by the Client, and the appointed demolition and construction contractor(s), once appointed, to ensure that the development of Building 4 at David Brown Santasalo will have a minimal impact on the environment and any disturbance to local community will be minimised during the demolition and construction phases.

This Outline CEMP is being prepared to discharge Condition 10 of the Planning Permission (Ref: 2022/62/93342/W) for the Proposed Development and will be updated when more detailed construction information becomes available, prior to works starting on-site. It is not, at this stage, a definitive final document. The development of the Outline CEMP is an iterative process and as such is dependent upon on-going dialogue between stakeholders and consultees to ensure that the Outline CEMP addresses the necessary issues. This dialogue is, by nature, dependent upon the availability of greater detail relating to the demolition and construction activities than is currently available.

1. Introduction

- 1.1. Acumen Designers & Architects Ltd. has prepared this Outline Construction Environmental Management Plan (Outline CEMP) for the demolition and construction phases related to the development of the Building 4 at David Brown Santasalo.
- 1.2. This report identifies necessary mitigation measures to reduce or prevent potential effects upon the environment and nearby sensitive receptors during the construction phase of the development.
- 1.3. The purpose of this CEMP is to specify the overarching principles and detailed measures to minimise and mitigate the effects of the construction activities associated with the development of the site. It will also ensure that demolition & construction activities cause minimum disruption to the local residents and members of the public by achieving a safe and secure working environment. More specifically, the CEMP aims to:
- Ensure that relevant mitigation measures set out in the technical reports as submitted in support of the planning application are implemented during all construction activities.
 - Consider relevant planning policy as specified above; and
 - Ensure that relevant legislation, Government and industry standards, and construction industry codes of practice and best practice standards are complied with.
- 1.4. The CEMP details the environmental controls and procedures that will need to be adopted throughout the redevelopment, thereby providing a tool to ensure the successful management of potential adverse effects because of the demolition & construction activities. It sets out roles and responsibilities for the management of these controls and procedures, but it should be noted that specific methodologies and procedures will be addressed in the detailed CEMP following the appointment of a Principal Contractor.
- 1.5. Any changes and/or improvements to the CEMP will be made in consultation with LPA, specifically, the Environmental Health Officer.

2. Proposed Development & Site Location

2.1. Project Location

- 2.1.1. The established site is situated approximately 1.7km south-west of Huddersfield town centre around Lockwood. The main pedestrian and visitor access to the site is from Park Road to the north. There is secondary vehicular access to the site from Yew Green Road to the south and May Street to the north-west.
- 2.1.2. The proposed development is situated along the southern boundary of the 4.6-hectare site at Lockwood, adjacent to Nabcroft Lane, that runs along the southern boundary of the site.
- 2.1.3. The site is well served by public transport with frequent bus services running along Park Road immediately adjacent to the site. Lockwood railway station is less than 100m to the southeast of the application site.

2.2. Nature of the Proposed Development

- 2.2.1. The development comprises the demolition of two existing buildings. Both are redbrick buildings, but the larger to the west has been modernised with a steel cladding roof. The building to the east is lower in height with a roof comprising cladding and roof lights.
- 2.2.2. The development will require the demolition of the existing building and the erection of a new portal framed engineering facility on the site where the existing building is to be demolished.

2.2.3. The proposed new building will be in the same location as the existing building albeit with a smaller footprint.

3. Construction Programme and Activities

3.1. Construction Programme

3.1.1. Site Management Plans for demolition & construction phase incorporating Access route for construction traffic has been provided alongside this report.

3.1.2. The development will require the demolition of the existing building and the erection of a new portal framed engineering facility on the site where the existing building is to be demolished.

3.1.3. The proposed new building will be in the same location as the existing building albeit with a smaller footprint.

3.1.4. The construction is likely to consist of the following activities:

- Set up construction compound and access.
- Installation of temporary fencing and/or hoarding.
- Vegetation clearance.
- Demolition of existing building.
- Excavation and earthworks.
- Construction of infrastructure associated with the Scheme.
- Construction of the Scheme; and
- Landscaping.

3.2. Considerate Constructor Scheme

3.2.1. The Principal Contractor will be required to register the site under the national 'Considerate Constructors Scheme' administered by the Construction Confederation on behalf of the Construction Industry Board. This scheme seeks to:

- Minimise any disturbance or negative impact (in terms of noise dirt and inconvenience) sometimes caused by construction sites to the immediate neighbourhood.
- Eradicate offensive behaviour and language from construction sites; and
- Recognise and reward the constructor's commitment to raise standards of site management, safety, and environmental awareness beyond statutory duties.

3.3. Access

3.3.1. The Traffic Plan to be implemented and to follow the HSE Guidance HSG 144 "Safe Use of Vehicles on Construction Sites".

3.3.2. Pedestrians to be kept separate from vehicles by using separate site entry and exit points and barriered footways.

3.3.3. The site traffic to access the site via the designated access road shown on the drawing.

3.3.4. Pedestrians to have a good view of any vehicles at gates and other crossings. Where necessary banksmen or signallers to be provided, especially for high-risk situations such as reversing or where visibility is restricted. Reversing of vehicles without a banksman will not be permitted.

3.3.5. Vehicles should not be permitted to reverse onto a highway unless absolutely necessary and only under the supervision of a banksman.

3.3.6. Adequate lighting to be provided if necessary as well as other suitable warning signs.

3.3.7. Banksmen and signallers to be trained in their duties.

3.3.8. Vehicle drivers and visiting drivers to be informed about site transport rules during the site induction.

3.3.9. Roads and walkways used by pedestrians or public vehicles to be kept free of obstructions and mud.

3.4. Security On-Site

3.4.1. Only authorised personnel will be permitted on site. All visitors will be required to enter through the main site access and report to the Construction Manager/Site Manager. All visitors will be required to sign in and out to ensure that site management are aware of the number of people on site in the event of an emergency.

3.4.2. Visitors will be required to undergo induction training, wear the necessary PPE i.e. safety helmet, hi-visibility attire, safety footwear and will be accompanied by a representative on site at all times.

3.4.3. The construction site will be checked on a regular basis to ensure that it is maintained in good condition and remains secure. All entrance and exit gates into the site will be secure at all times and the keys positioned adjacent to them to allow personnel to safely evacuate in the event of an emergency. More information will be provided by the Principal Contractor following appointment.

3.4.4. The client has specific site rules to adopt by the principal contractor.

4. CEMP Responsibilities

4.1. Management Structure

4.1.1. The Construction (Design and Management) Regulations 2015 (CDM Regulations) came into force on 6th of April 2015, replacing CDM 2007. As per the requirements of the CDM Regulations, the developer (DBS) must appoint a Principal Designer and Principal Contractor prior to the commencement of works on site or carry out these duties in respect of the CDM Regulations themselves.

4.1.2. Responsibility for all environmental issues relating to the development of the site rests jointly with DBS, the Principal Designer and Principal Contractor. Individual responsibilities will be divulged throughout the management team relating to the co-ordination of inspection, monitoring or reporting. The Principal Contractor will have the central role in managing Safety, Health, Environment and Quality (SHEQ) issues during construction of the development. The Principal Contractor and all sub-contractors will have to implement the environmental control measures set out within this CEMP. Such roles will be finalised at the point of appointment of a Principal Contractor.

4.2. Roles and responsibilities.

	All Construction Projects	Additional duties for Notifiable Projects
Clients	<ul style="list-style-type: none"> • Check competence and resources of all appointees • Ensure there are suitable management arrangements for the project • Allow sufficient time and resources for all stages • Provide pre-construction information to designers and contractors 	<ul style="list-style-type: none"> • Appoint Principal Designer. • Appoint principal contractor • Provide information relating to the H&S File to the Principal Designer • Make sure that the construction phase does not start unless there are suitable. <ul style="list-style-type: none"> ○ Welfare facilities, and ○ Construction phase plan is in place • Retain and provide access to the health and safety file

Principal Designer		<ul style="list-style-type: none"> • Advise and assist the client with his/her duties. • Identify collect and pass on pre-construction information • Notify HSE • Co-ordinate health and safety aspects of design work and cooperate with others involved with the project • Facilitate good communication between client, designers and contractors • Liaise with principal contractor regarding ongoing design • Prepare/update health and safety file.
Designers	<ul style="list-style-type: none"> • Eliminate hazards and reduce risks during design • Provide information about remaining risks 	<ul style="list-style-type: none"> • Check client is aware of duties and principal designer has been appointed. • Check HSE has been notified • Provide any information needed for the health and safety file.
Principal Contractors		<ul style="list-style-type: none"> • Plan, manage and monitor construction phase in liaison with contractors. • Prepare, develop, and implement a written plan and site rules (prior to demolition) • Give contractor relevant parts of the plan • Make sure suitable welfare facilities are provided and maintained • Check competence of all appointees • Ensure all workers have site inductions and any further information and training needed for the work • Consult with the workers • Liaise with Principal Designer re ongoing design • Secure the site
Contractors	<ul style="list-style-type: none"> • Plan, manage and monitor own work and that of workers • Check competence of all their appointees and workers • Ensure adequate welfare facilities available • Training own employees • Provide information to their workers • Comply with the specific requirements in part 4 of the regulations 	<ul style="list-style-type: none"> • Check client is aware of duties and a coordinator has been appointed and HSE notified before starting work. • Cooperate with principal contractor in planning and managing work, including reasonable directions and site rules • Provide details to the principal contractor of any contractor who he engages in connection with carrying out the work • Provide any information needed for the health and safety file • Inform principal contractor of problems with the plan • Inform principal contractor of reportable accidents, diseases, and dangerous occurrences
Everyone	<ul style="list-style-type: none"> • Check own competence • Cooperate with others and coordinate work so as to ensure the health and safety of construction workers and others who may be affected by the work • Take account of the general principals of prevention • Report obvious risks • Comply with requirements in schedule 3 and Part 4 of the regulations for work under their control. 	

5. Training site rules and communication with the community

5.1. Training

5.1.1. Contractual arrangements will require all contractors to provide suitably qualified staff to manage and execute works for which they are responsible. The Principal Contractor will require that all employees demonstrate an appropriate awareness of local sensitivities, expected code of conduct, working knowledge of the legislation, codes of practice, and guidance relevant to the activities in which they are engaged.

5.1.2. A training regime shall be implemented to ensure that all staff members, including sub-contractor's personnel, receive focused environmental training to ensure their competence in carrying out their duties on the project.

5.2. Site Induction

5.2.1. The Principal Contractor will operate induction schemes for all personnel to ensure that they are aware of their individual responsibility to comply with the CEMP. The Principal Contractor will be responsible for identifying the training needs of his/her personnel and will ensure that appropriate training is provided. Training will include information on local considerations and the Client's expectations on site behaviour, "toolbox talks" for site operatives to maintain an appropriate level of awareness on health, safety and environmental topics and to advise employees of changing circumstances as work progresses. Records of attendance will be kept also for auditing purpose.

5.3. Toolbox Talks & Method Statement Briefings

5.3.1. Toolbox talks and method statement briefings will be given as the work proceeds and will cover the environmental controls related to specific activities undertaken during the construction, for example, clearance of vegetation, soil stripping and spill response procedures etc. A full register of toolbox talks and method statement briefing attendance shall be maintained on site.

5.4. Emergency Procedures & Incident Reports

5.4.1. Procedures will be implemented to respond to any emergency incidents which may occur on site. In order to ensure that compliance with the requirements of the relevant legislation and to avoid or mitigate against any significant environmental impacts, an Emergency Preparedness Plan (EPP) will be developed by the Principal Contractor following appointment.

5.4.2. Once completed, all staff will be trained and made aware of the EPP set in place. In the event of any incident the Principal Contractor's Environmental Health and Safety Team will be notified as well as the Client. Additionally, the UDC Environmental Health Department and any other interested bodies will be notified as required.

5.4.3. The nearest hospital with emergency facilities will be detailed on the first aid notice displayed in the site office.

- The nearest emergency hospital is Huddersfield Royal Infirmary (HRI)
Head west on Park Rd toward May St
(0.2 mi / 1 min)
Continue on Blackmoorfoot Rd to Birkhouse Ln
(1 min (0.3 mi)
Take Gledholt Bank, Gledholt Rd, to Westbourne Rd
3 min (0.9 mi)
At the roundabout, take the 1st Exit onto Westbourne Rd
2 min (0.7 mi)
At the roundabout, take the 3rd Exit onto Acre St
32 sec (0.1 mi)
Huddersfield Royal Infirmary (HRI)
Acre Street, Huddersfield, West Yorkshire HD3 3EA, United Kingdom

5.5. Training Records

5.5.1. All training records will be maintained and filed on site. The records shall include the content of the courses (induction and toolbox training), record of attendance and schedule of review.

5.6. Site Rules

5.6.1. The site rules shall be developed to include environmental controls wherever applicable. Site rules should be displayed at the site gate and in any on-site offices or welfare facilities.

An initial list of site rules to be implemented on site is provided below; these will be updated and developed further by the Principal Contractor following appointment:

- All personnel visiting or working on site must complete induction training prior to accessing the site.
- All plant/equipment used during the construction activities must be compliant with the Provision and Use of Work Equipment Regulations 1998 (PUWER), maintenance and relevant certificates must be retained on site.
- All substances to be used or handled on site must have the Control of Substances Hazardous to Health (COSHH) assessment available on site for staff members to consult.
- At the end of each working day all means of access, e.g. steps, ladders left in position must be secured/removed to prevent unauthorised persons (especially children) accessing the site and hazardous areas;
- Smoking will be prohibited on site, except in designated areas, and the possession or use of alcohol and drugs is strictly prohibited.
- Site welfare facilities (e.g. portable toilets and canteen facilities) must be maintained for the duration of the demolition and construction activities;
- Standard Personal Protective Equipment (PPE) is required on site at all times, as well as additional Protective Equipment as required for specific works.
- All work areas must have clear, well-maintained signage.
- All waste materials must be collected and removed from site at regular intervals.
- No fires will be permitted on site; and,
- Acts of threat or violence will not be tolerated, and any offender will be removed and permanently excluded from the site.

5.7. On Site Communication

5.7.1.A full contact list containing names, job titles and contact numbers of the project team members, shall be produced and maintained.

6. Environmental Control Measures

The following sections of this CEMP describe the general mitigation control measures to be implemented throughout development, on a topic-by-topic basis, to ensure the protection of the environment from potential adverse effects from the development.

6.1. Noise & Vibration

6.1.1. Due to the nature of the activities and construction works it is inevitable that a temporary increase in noise and vibration will be experienced in the area immediately surrounding the site. It is possible that local receptors will experience audible, but intermittent, noise from activities on the site including from HGV movements. However, this should be considered against the prevailing noise baseline which is already influenced by traffic.

6.1.2. Best practicable means (BPM) will be applied during construction works to minimise noise and vibration at neighbouring sensitive receptors. BPM are defined in Section 72 of the Control of Pollution Act 1974 and Section 79 of the Environmental Protection Act 1990 as those measures which are "reasonably practicable having regard among other things to local conditions and circumstances, to the current state of technical knowledge and to financial implications".

6.1.3. The effects of noise and vibration from construction will be controlled by introducing management and monitoring processes to ensure that BPM are planned and employed to minimise noise and vibration during construction. On appointment, the Principal Contractor will further develop a detailed noise and vibration management plan, where required. All works must comply with BS 5228: Noise and vibration control on construction and open sites Part 1: Noise and Part 2: Vibration. In order to ensure compliance with BS 5228 it is expected that noise monitoring will be required, at a level to be agreed with the LPA's Environmental Health Officer.

6.1.4. Construction works shall be undertaken in accordance with the BPM (as defined in

Section 72 of the Control of Pollution Act 1974 (CoPA)), to minimise noise and vibration effects. BPMs may include where reasonably practicable: the use of quieter alternative methods, plant and/or equipment; the use of site hoardings, enclosures, portable screens and/or screening noisier items of plant; and maintaining and operating all vehicles, plant, and equipment in an appropriate manner, to ensure that extraneous noise from mechanical vibration is kept to a minimum.

- 6.1.5.Noise control measures will be consistent with the recommendations of the current version of BS 5228-1:2009+A1:2014 and BS 5228-2:2009+A1:2014.
- 6.1.6.Site personnel will be informed about the need to minimise noise as well as about the health hazards of exposure to excessive noise. Their training will include advice relating to the proper use and maintenance of tools and equipment, the positioning of machinery on site to reduce noise emissions to neighbouring residents, and the avoidance of unnecessary noise when carrying out manual operations and when operating plant and equipment.
- 6.1.7.Plant movement will be managed to take account of surrounding noise sensitive receptors, as far as is reasonably practicable.
- 6.1.8.All construction equipment will be maintained in good working order and any associated noise attenuation measures such as engine casings and exhaust silencers shall remain fitted at all times.
- 6.1.9.Where flexibility reasonably exists, construction activities will be separated from residential neighbours by the maximum possible distances.
- 6.1.10. Plant and machinery will be turned off when not in use.
- 6.1.11. Regular inspections of noise mitigation measures shall occur to ensure integrity is maintained at all times.
- 6.1.12. Silenced equipment shall be used, as far as possible, in particular silenced power generators if night-time power generation is required for site security or lighting, etc.

6.2.Dust & Air Quality

- 6.2.1.The site works will include various activities which have the potential to generate particulate emissions arising from dust, particularly in dry and windy conditions. The main sources of particulate emissions during these activities include traffic and equipment usage, soil and material handling, demolition of existing building, storage and site preparation.
- 6.2.2.The Principal Contractor will be required to control and limit dust, air quality, odour and exhaust emissions during the construction works as far as reasonably practicable and in accordance with BPM. This will include reference to publications on best practice such as the following:
 - Guidance on the Assessment of the Impacts of Construction on Air Quality and the Determination of their Significance, Institute of Air Quality Management, January 2014 (IAQM 2014);
 - Air Quality Monitoring in the Vicinity of Demolition and Construction Sites, Institute of Air Quality Management, November 2012 (IAQM 2012);
 - EU Directive 97/68/EC Requirements relating to gaseous and particulate pollutant emission limits and type-approval for internal combustion engines for non-road mobile machinery (NRMM).
- 6.2.3.A number of mitigation methods will be implemented to minimise the nuisance and impact arising from dust. Examples of such measures are set out in the table below, although not all of these will be necessary or feasible for this particular construction project.

Table 1: Dust Mitigation Measures – Examples Taken from BPM Guidance

Site Management	<ul style="list-style-type: none"> • Develop and implement a stakeholder communications plan that includes community engagement before work commences on site;
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- Develop a site-specific dust management plan;
 - Display the name and contact details of person(s) accountable for air quality pollutant emissions and dust issues on the site boundary;
 - Display the head or regional office contact information;
 - Record and respond to all dust and air quality pollutant emissions complaints;
 - Make a complaints log available to the local authority when asked;
 - Carry out regular site inspections to monitor compliance with air quality and dust control procedures, record inspection results, and make an inspection log available to the local authority when asked;
 - Increase the frequency of site inspections by those accountable for dust and air quality pollutant emissions issues when activities with a high potential to produce dust and emissions and dust (sic) are being carried out, and during prolonged dry or windy conditions;
 - Record any exceptional incidents that cause dust and air quality pollutant emissions, either on or off the site, and the action taken to resolve the situation is recorded in the logbook.
-

Preparing and Maintaining the Site

- Plan site layout: machinery and dust causing activities should be located away from receptors;
 - Erect solid screens or barriers around dust activities or the site boundary that are, at least, as high as any stockpiles on site;
 - Fully enclose site or specific operations where there is a high potential for dust production and the site is active for an extensive period;
 - Avoid site runoff of water or mud;
 - Keep site fencing, barriers and scaffolding clean using wet methods;
 - Remove materials from site as soon as possible;
 - Cover, seed or fence stockpiles to prevent wind whipping;
 - Put in place real-time dust and air quality pollutant monitors across the site and ensure they are checked regularly.
-

Operating Vehicles/Machinery and Sustainable Travel

- Ensure all non-road mobile machinery (NRMM) comply with the standards set within the required guidance.
 - Ensure all vehicles switch off engines when stationary – no idling vehicles;
 - Avoid the use of diesel or petrol-powered generators and use mains electricity or battery powered equipment where possible;
 - Support and encourage sustainable travel (public transport, cycling, walking, and car-sharing);
 - Only use cutting, grinding or sawing equipment fitted or in conjunction with suitable dust suppression techniques such as water sprays or local extraction, e.g. suitable local exhaust ventilation systems;
 - Ensure an adequate water supply on the site for effective dust/particulate matter mitigation, such as for wheel washing (using recycled water where possible);
 - Ensure equipment is readily available on site to clean any dry spillages and clean up spillages as soon as reasonably practicable after the event using wet cleaning methods. This may include for the deployment of sweepers.
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Waste Management

- Reuse and recycle waste to reduce dust from waste materials;
 - Avoid bonfires and burning of waste materials.
-

Construction

- Ensure soil, sand and other aggregates are stored in bunded areas and are not allowed to dry out, unless this is required for a particular process, in which case ensure that appropriate additional control measures are in place.
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6.3. Artificial Lighting

- 6.3.1. Lighting on construction sites, whether natural or artificial, is essential to health and safety. Poor lighting can represent significant risks to staff members which can result in accident and injury; the quicker and easier it is to see a hazard the better the likelihood of avoiding it.
- 6.3.2. As outlined within Section 35 of The CDM Regulations (2015), the development site must be provided with suitable and sufficient lighting, which must be, so far as is reasonably practicable, by natural light. This relates to both the construction site as well as the approach and traffic route to the development site.
- 6.3.3. Site lighting will be at the minimum luminosity necessary to enable the safety and security of the construction site. Lighting will be designed to avoid any ocular distraction for pilots on approach to the airport and will consist of flat cut-off glass with no light spill above the horizontal plane. Where appropriate, lighting to site boundaries will be provided and illumination will be sufficient to provide a safe route, albeit no public access to the site will be permitted.
- 6.3.4. Where appropriate, lighting will be activated by motion sensors to prevent unnecessary usage. It will comply with the Institute of Lighting Professionals' Guidance notes for the reduction of obtrusive light.
- 6.3.5. In determining any temporary construction lighting arrangements for the site, due consideration will be given by the Principal Contractor to sensitive receptors that may experience a nuisance by the light. General control measures for the use of lighting on site are outlined below:
- Temporary site lighting when used adjacent to residential areas must be fixed with a noise screen to keep noise levels to a minimum.
 - As far as is practical, lighting must be directed away from residential properties; and,
 - Lighting should always be positioned to prevent glare.

7. Materials and Resource Use and Waste Management

7.1. Waste Management

- 7.1.1. A basic Site Waste Management Plan (SWMP) will be prepared by the Principal Contractor, once appointed. This plan will set the way in waste resources will be managed during the demolition, site preparation and construction works. Such a plan will likely include the following:
- Actions to meet the waste hierarchy in accordance with the principles of the Government's "Waste Strategy 2000", and the Site Waste Management Plans Regulations 2008 (since repealed). A principal aim during construction will be to reduce the amount of waste generated and exported from site, whereby the intention is first to minimise, then to treat at source or compact and, finally, to dispose of off-site as necessary;
 - Assignment of the person within the Principal Contractor's organisation with responsibility for the SWMP. The Principal Contractor will audit waste carriers and disposal facilities and maintain documentary evidence that these requirements are being met. A register of waste carriers, disposal sites (including transfer stations) and relevant licensing details
 - Procedures for waste will be sorted into different waste types such as cardboard, timber, metal, plastic for return to the suppliers or disposed of into skips for removal by a licenced waste carrier: and
 - Any hazardous materials including solvents and chemicals, will be properly sealed in containers at the end of each day, prior to storage in appropriately protected and

bunded storage areas.

8. Auditing Monitoring & Review

8.1. Environmental Monitoring Programme

8.1.1. Scheduled monitoring of environmental performance and formal compliance auditing of the CEMP will be conducted as and when necessary. This will enable the overall effectiveness of the environmental mitigation measures and compliance procedures to be assessed and allow areas of underperformance to be identified so corrective actions can be taken. The monitoring programme proposed under this CEMP includes weekly and event-based inspections.

8.2. Daily Inspections

8.2.1. Routine visual inspections will be carried out on all activities and work areas in order to check compliance with this CEMP and regulatory conditions. The results of these inspections shall be recorded on a Weekly Site Environmental Form (WSEF).

8.2.2. Separately, event-based checks shall be conducted by the Principal Contractor following any significant event such as rainfall of sufficient quantity to generate run off, high winds, the receipt of an environmental complaint, issue of a non-compliance report or any exceedance in monitoring results. Event based checks should be recorded on a separate inspection form detailing the reasons, observations, findings and outcomes of the inspection which should then be attached to the WSEF.

8.3. Incident Reporting and Corrective Actions

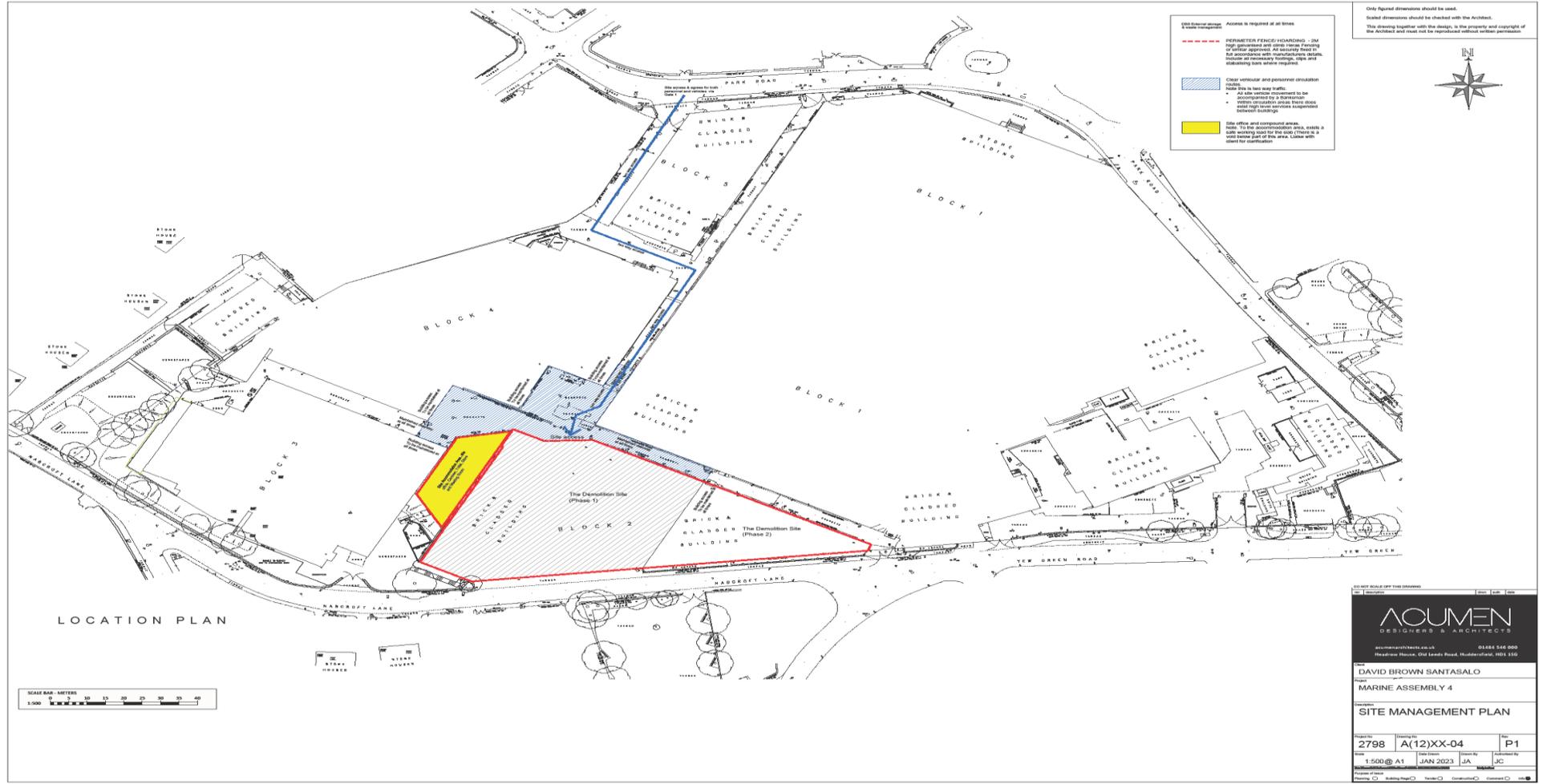
8.3.1. All incidents including actual or potential (near miss) for injury, or damage to equipment, property or the environment will be reported to the DBS and the appropriate regulatory body as soon as practicable after the occurrence. Regardless of how minor the incident appears; it will be reported. An "Incident Investigation Report" will be completed within 18 hours of the event. Prompt reporting will allow an immediate investigation to take place and prevent similar situations occurring.

8.3.2. The reporting of hazards is the responsibility of all staff and if a hazard or a safety problem is identified, it will be brought to the attention of the Principal Contractor's Site Manager who will investigate and rectify the situation as soon as practicable.

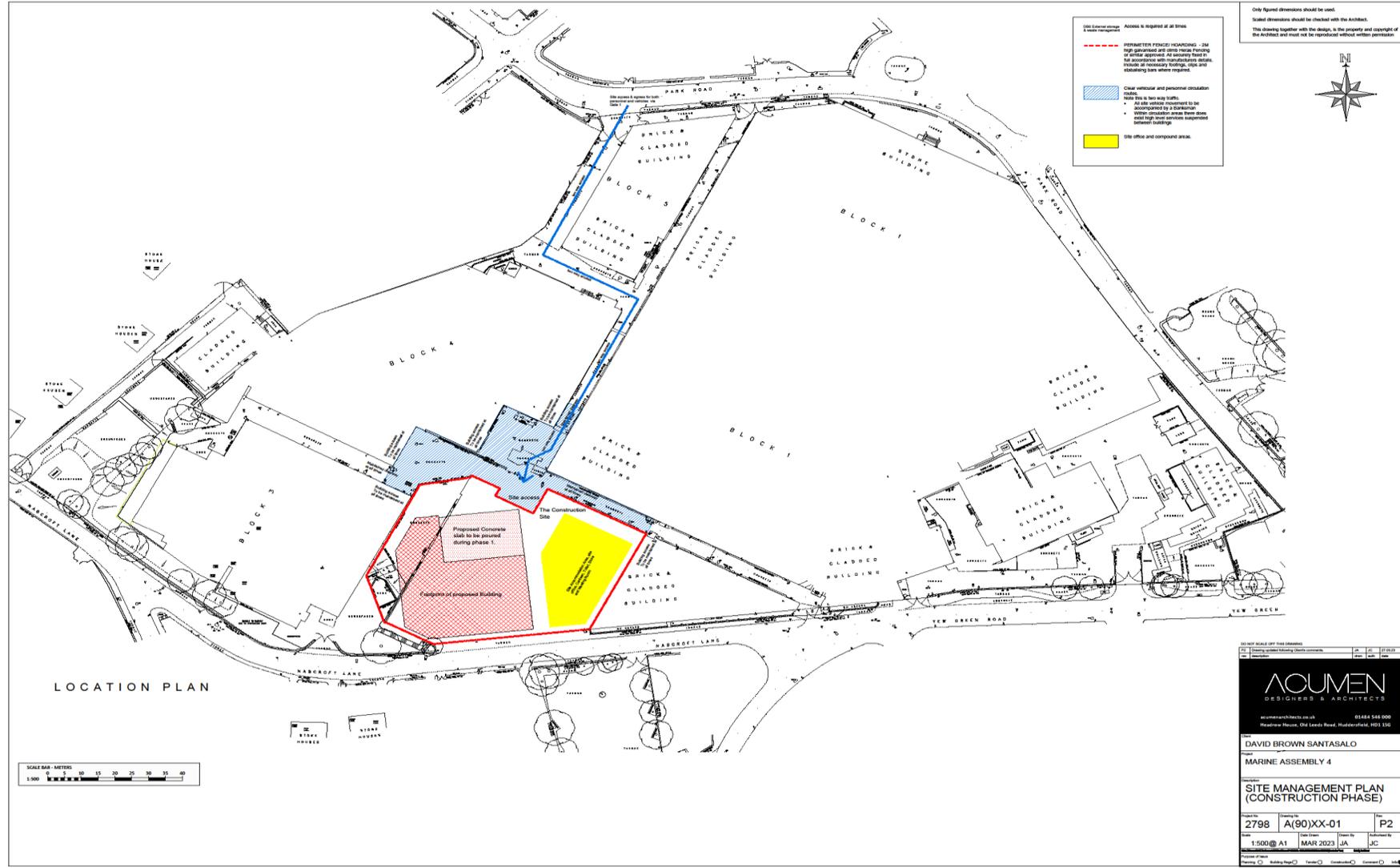
8.4. CEMP Review

8.4.1. The Principal Contractor will further develop the controls outlined in this CEMP and ensure they are properly implemented and regularly monitored to ensure their effectiveness. Changes to the controls will be instigated if they are not achieving their objectives. The CEMP shall be revised and refined in consultation with the DBS and LPA, as required, to ensure it remains consistent with environmental regulatory requirements and conditions of the planning permission.

Appendix A: Site Management Plan at Demolition Phases



Appendix B: Site Management Plan at Construction Phase 1



Appendix C: Site Management Plan at Construction Phase 2

