CONSTRUCTION PHASE SAFETY & HEALTH PLAN
(Incorporating CEMP)

Construction Design Management (CDM) Safety Regulations 2015

Project: Install New Batching Plant & Associated Works

Address: Techrete, Brigg, Scawby Road, North Lincolnshire.

Preliminary issue for Advanced Works November 2025

1. Contents

2. Register of Recipients and Construction Phase Health and Safety Plan Revision Record

This register is a list of Project persons who are holders of this Plan.

Copy Number	Holder's Name	Organisation
1.		
2.		
3.		
4.		

Date	Description of Change	Revision Status	Revised By
	Initial draft version by Senior Project Lead	0	
	Checked by HSE Manager and issued to project team	1	

INTRODUCTION TO CONSTRUCTION PHASE PLAN (CPP)

This document provides information to enable Techrete to meet its obligations as Principal Contractor under the Construction (Design and Management) Regulations 2015, which under Regulation's 13 and 14 identify the 'duties of Principal Contractors'; to plan and manage health and safety in the construction phase and cooperate and consult with the work force.

Furthermore, this documents addresses the requirements of the Decision Notice PA/2024/1219 which provides consent to Techrete UK Limited to execute these works. In particular, Decision Notice Condition #4 refers to the requirements for a Construction Environmental Management Plan (CEMP). This document incorporates these requirements and attention is drawn to Clause 13 of this document in this regard.

This document will be periodically updated, in particular when the primary works contracts are awarded for the main civils works and engineering works packages. The document is considered adequate for any early works such as construction of the required acoustic barrier required by Condition #6 of the aforementioned Decision Notice.

The principle aims are to control health and safety on the project by the following methods:

1. To record the health and safety arrangements and organisation necessary to ensure, as far as is reasonably practicable, the health and safety of all persons who may be affected by the works and the monitoring procedures to ensure compliance, taking into account the risks involved in the construction works.
2. To coordinate activities of all contractors and workers to ensure that they comply with the relevant Health and Safety Legislation and to encourage all involved to work together.

Project Description and program details including any key dates.

Project Name: Replacement Concrete Batching Plant and associated works

Project Number: 3022

Address: Techrete UK Limited, Station Road, Scawby, Nr Brigg, North Lincolnshire, DN20 9DT

What3words: ///goats.pacifist.roosts

Approximate value: £9m

Expected project start date: 5th January 2026 (acoustic barrier only, main works Q3 2026)

Mobilisation Period: 2 Weeks

Expected completion date: Intended completion date TBA, but c. 18 months

Scope of works: The works consist of the construction of a new concrete batching plant to the existing architectural precast concrete panel production facility. The scope includes a 2-stage erection of the proposed plant and demolition of the existing plant together with a new production hall of approximately 1,200m2. Additional enabling works incudes the construction of an acoustic barrier.

Project Directory including details of Client, Principal Designers and other Designers or Consultants.

	Address	**Phone**	**Contact**	**Email**
Client	Techrete UK Limited	+353 1 690 1700	Sean Sharkey	ssharkey@techrete.ie
Client's Project Manager		+44 7715 755141	Peter Downs	pdowns@techrete.ie
CDM Advisor				
Client's QS	Engineering and Construction Projects Limited, Tyed Barn, Euxton Hall Gardens, Euxton, Chorley, Lancashire, PR7 6PB	07715 755149	Simon Miller	simonmiller@eandcprojects.co.uk
Principal Designer	Rutter Johnson Engineers (acoustic barrier only)		Lindsay Rutter	lindsay.rutter@rutterjohnson.co.uk
Designers/ Architects	JSA Architects, Booterstown Avenue, Blackrock, Co. Dublin.	+353 1 288 2661	Martha O'Neill	M.ONeill@jsarch.ie

	Address	Phone	Contact	Email
Principal Contractor	SKAKO Concrete Limited Watermoor Point Watermoor Road Cirencester Gloucestershire GL7 1LF	07585 055568	Gareth Hulcup	ghu@skakoconcrete.com
Structural Engineer	Rutter Johnson Engineers	07900 266314	Lindsay Rutter	lindsay.rutter@rutterjohnson.co.uk
Building Control	To be appointed – not required for the acoustic barrier			

3. Management of the Project

3.1 Management Structure and Responsibilities

Whilst the Organisation Chart shown in this section of the Construction Phase Plan details the 'chain' of command', it is important to clarify the individual roles in relation to health and safety on site. The Construction/Operations/Projects Manager will have overall responsibility for:

a. Ensuring that the procedures laid down in the Construction Phase Plan will be fully implemented. They will also be responsible for the updating of the Plan, as and when required, accommodating items such as Method Statements, Risk Assessments and Sub-contractor's safety Policies as these become available.

b. Ensuring that sub-contractors have been given sufficient information to enable them to fully plan and implement their works with regard to the safety of their operatives and others who may be affected by their actions. This should include results of any surveys such as ground contamination, asbestos samples, traffic restrictions, public access, etc.

c. Ensuring that relevant information such as Method Statements, Risk Assessments and Health and Safety Policies are obtained from Contractors and passed to the Project Manager for inclusion in the Construction Phase Plan.

3.2 The Project Manager Peter Downs is responsible for the day-to-day implementation of the Construction Phase Plan which includes:

a. The recording of statutory checks and recording of inspections; scaffolding, excavations, lifting

appliances, etc., in the Site Safety Register.

b. Checking and recording that new starters have been inducted on to site and have been given a site-specific orientation.

c. Toolbox Talks given to supervisors to pass onto operatives.

d. Ensuring that operatives have the necessary skills and are adequately competent to perform the given task or job, e.g. abrasive wheels, cartridge tools, dumpers, forklifts, MEWP's, etc.

e. Ensuring that sub-contractors are fully aware of all risks to health and safety which may affect them or their operatives, and that any operation carried out which may affect others will be fully communicated to the affected personnel via recorded daily Smart Start briefings and Hazard Board talks.

f. Ensuring, in conjunction with the Construction/Operations/Projects Manager, that meaningful safety consultation meetings are held on site at regular intervals and minutes taken. Such meetings, as a minimum on a monthly basis, should engage the workers and allow all aspects of safety to be discussed with an upwards as well as downwards exchange of information with all contractors on site.

3. The Health, Safety and Environmental (HSE) Managers will review the Construction Phase Plan prior to contract commencement. They will also monitor throughout the project's duration that the Construction Phase Plan and other relevant safety documentation is maintained and updated during their visits to site.

4. It is the duty of all supervisory staff, including sub-contractors' Supervisors, to ensure that works are carried out safely at all times and that the relevant regulations are being fully complied with. Where elements of good practice and safety compliance are observed workers will be given suitable recognition.

   Disciplinary measures may be taken for minor breaches of safe working practices in the form of warning procedures.

   Serious breaches may result in removal from site of the offending person / persons or company in line with the disciplinary procedures.

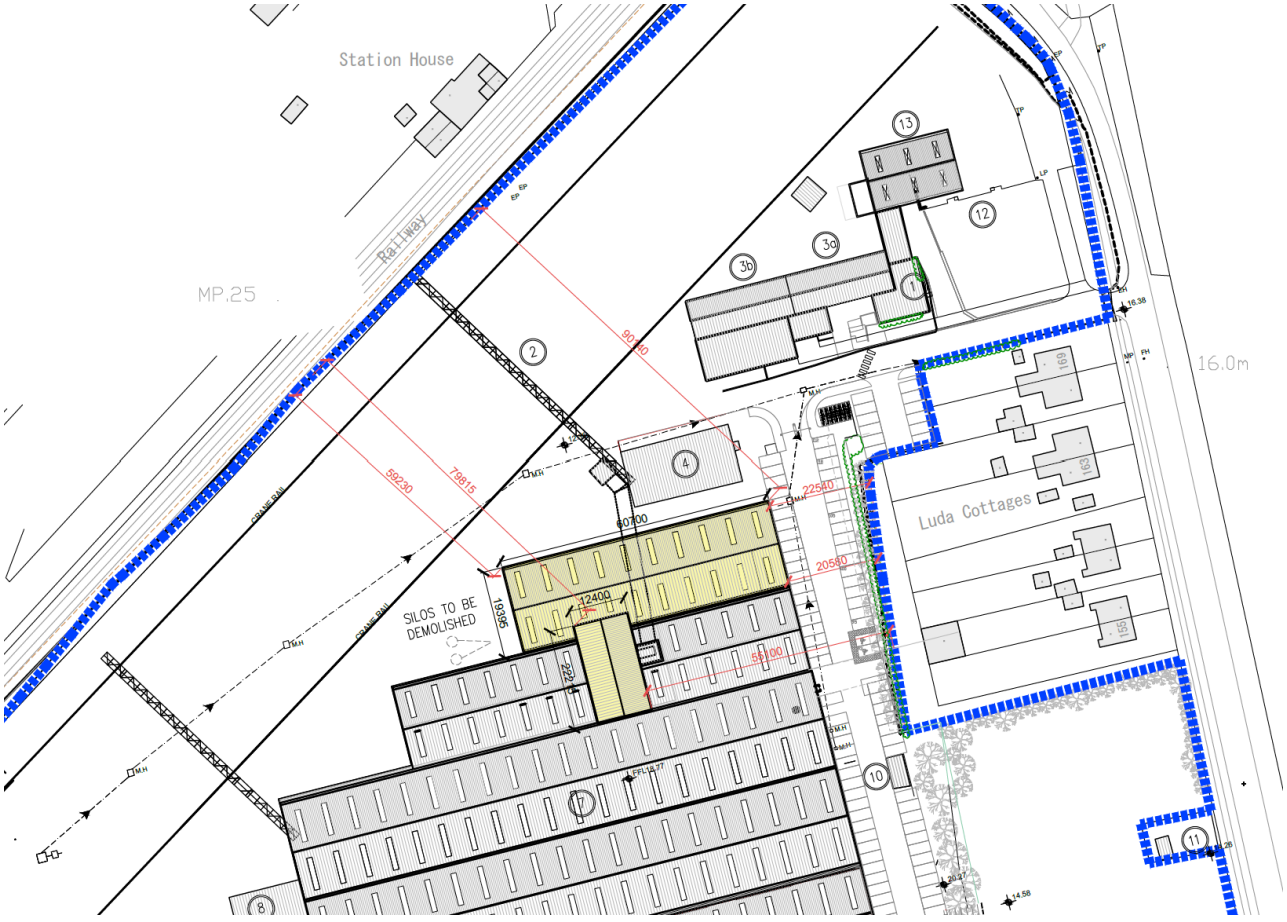
5. The HSE Manager/Advisor will provide guidance and advise staff to help with the implementation of the Construction Phase Plan and safety in general on site.

6. In the early stages of construction, a meeting will be held with the Client / Principal Designer to discuss what information will be required for inclusion in the Health and Safety File and how and when this information will be supplied.

7. The aim of all projects is to have an accident, injury and incident free environment.

Site Location plan and key below.

LEGEND - SITE BUILDINGS/STRUCTURES	
1	SITE OFFICES AND TOILETS
2	TRAVELLING GANTRY CRANE
3a	CANTEEN
3b	FITTER'S WORKSHOP
4	INSULATION STORE
5	STORAGE BINS
6	ANCILLARY STORAGE
7	CASTING FACILITY
8	FINISHING CUBICLE–ACID ETCHING
9	FINISHING CUBICLE–AIR BLASTING
10	HIGH VOLTAGE SUB–STATION
11	PUMPING STATION
12	RETAINING WALL
13	BRICK CUTTING BUILDING



Relevant adjoining land uses. All works will be contained on and will not affect adjoining properties.

4. Health and Safety Goals for the Project

4.1 The project aims to deliver:

- A zero-accident frequency rate (AFR)
- No reported cases of Occupational Ill Health as defined by the Reporting of Injuries, Diseases

and Dangerous Occurrence Regulations.

4.2 Client health and safety objectives when planning and managing the construction work:

- To continue to provide a safe environment for any premises occupants during the refurbishment works
- To have no accidents on site or adjacent to the site
- To have no occupational ill health arising from the project
- To ensure that no environmental damage occurs
- To ensure the minimum disruption to the occupants of the surrounding buildings and local community
- To exclude unauthorised persons
- To provide safe access to, and egress from, workplaces
- To provide workplaces that are free from risks to the health and safety of persons at work, or affected by the work, so far as is reasonably practicable
- To provide operating conditions so that the lowest reasonably practicable levels of noise and dust are generated by construction activities.

4.3 It is the policy of Techrete that, so far as is reasonably practicable, the health, safety and welfare of employees, sub-contractors or workers, site visitors and the general public will not be endangered by the activities of the Company.

4.4 Management, supervisory staff and all other Company employees who authorise work will be responsible for ensuring that suitable and sufficient health, safety and welfare facilities are made available and that working conditions are, so far as is reasonably practicable, without risks to the health, safety and welfare of those on site.

4.5 All statutory duties and provisions will be complied with, and it is the duty of all Company employees to constantly assess methods of work and working places to ensure such compliance. Building Managers are to conduct regular site safety tours to achieve this. All employees and sub-contractors are required to adopt systems of work and to maintain places of work that are, so far as is reasonably practicable, without risks to themselves or to any other person.

5. Standard Setting

5.1 Techrete Group will only accept the very highest standards when it comes to health and safety.

5.2 We believe that our own company procedures exceed health and safety legislation, and we insist that our contractors and sub-contractors rise to our standards.

5.3 We have an internal audit system to ensure the highest standards are maintained and these are detailed within this section.

5.4 The following are identified as minimum standards, which we expect all sub-contractor partners to work to and comply with:

- The Health and Safety at Work etc. Act 1974
- Building Safety Act 2022
- Health and Safety (Offences) Act 2008
- The Management of Health and Safety at Work Regulations 1999
- The Lifting Operations and Lifting Equipment Regulations 1998
- The Provision and Use of Work Equipment Regulations 1998
- The Construction (Design and Management) Regulations 2015
- The Work at Height Regulations 2005
- Control of Vibration at Work Regulations 2005
- The Control of Noise at Work Regulations 2005
- The Control of Substances Hazardous to Health Regulations 2002 (Amended)
- The Environmental Protection Act 1990
- Regulatory Reform (Fire Safety) Order 2005
- JCoP for Fire Prevention on Construction Sites
- Techrete Group Health and Safety Policy
- Techrete Group Environmental Policy
- Client Safety Rules as identified in the Pre-Construction Information provided wherever applicable.

5.5 As stated, the above are minimum standards and we further expect all work carried out on this project to be undertaken in accordance with all relevant Approved Codes of Practice, Codes of Practice, British Standards and guidance notes. Sub-contractors must ensure that when preparing safe systems of work and proposed methods of work that these systems and methods take into account all such standards and Techrete Group Sub-Contract and Appointment Appendices.

6 Arrangements for Monitoring and Review of Health and Safety Performance

6.1 The management of health and safety during the Construction phase will be carried out by the implementation of:

a. The Techrete Group Company Safety Policy

b. Risk Assessments

c. Method Statements for high-risk activities

d. Site Safety Inspections of the work in progress to ensure compliance with items (a)–(c) above.

6.2 It is the responsibility of the Construction Management team to monitor and develop the Health and Safety Plan to ensure that:

a. A common approach is developed for managing Health and Safety at Work

b. Assessments are prepared by contractors as required by the Management of Health and Safety at Work regulations

c. Suitable and sufficient welfare arrangements are provided for the number of personnel on site for the duration of the project

d. The Construction Phase Plan is implemented fully and updated regularly as appropriate, with changes briefed to all concerned on site

e. Appropriate rules for a safe working environment are communicated to all during site specific briefings and enforced throughout the project.

6.3 The monitoring of health and safety on the project will be based on Occupational Health and Safety Management System ISO 45001:2018 with active monitoring systems, i.e. identification of potential risks before things go wrong. The following levels of monitoring will be implemented on the project.

a. **Level 1: Action**: Visiting HSE Manager/Construction/Operations/Projects Manager.
Evaluation of effectiveness of Techrete Group Health, Safety and Environmental Policies together with the availability and compliance with risk assessments. Visits should be planned on a frequency determined by works in progress. (No less than 2 visits in 3 working weeks).

b. **Level 2: Action:** Building Manager, Site Safety Supervisor.
Daily visual inspection of works areas, tools and equipment, such as electrical tools, harnesses and discussion with employees and contractors regarding works in progress, safe systems of work and where applicable the issuing of further safety control measures.

7 Construction (Design and Management) Regulations 2015

In so much as the Construction (Design and Management) Regulations 2015 places duties on the Principal Contractor to develop the Construction Phase Plan, we also need to conform to various other safety legislation, such as the Health and Safety at Work Act and the Management of Health and Safety at Work Regulations, which require the establishment of company policies, procedures, etc.

8 Site Safety Register

8.1 In order to comply with our obligations regarding the recording of inspections and statutory requirements, we have produced a site specific safety register which incorporates all the necessary statutory inspection requirements such as scaffolding, excavations, lifting appliances, checks on fire points/escape routes etc., together with our own company requirements for recording other significant information, such as, issue of PPE, record of certificates for plant and equipment, records for pre-enrolment, site orientation and task specific briefings.

8.2 We would emphasise that whilst these documents are physically separate from the Construction Phase Plan, they are an integral part and should be used as such.

9 The Production and Approval of Risk Assessments and Method Statements

9.1 All necessary Risk Assessments and Method Statements (RAMS) will be prepared and kept in separate method statement files, which are held on site. All RAMS are to be reviewed and acknowledged.

9.2 We work on the principle of 'He who creates the risk - creates the necessary Risk Assessment/Method Statement'.

9.3 The requirement for a Method Statement will be highlighted to the sub-contractor by the Construction/Operations/Projects Manager, at the pre-order meeting and the requirement thereof forms part of the contract documents.

9.4 All such RAMS **must** be available on site **prior** to that operation/task commencing. These will comply with the requirement of the Health and Safety Policy to ensure that they are sufficient in detail.

9.5 All RAMS for the task are to be communicated to the operatives undertaking the task, they must be signed on site by all operatives who will agree to comply with the RAMS at all times. If at any stage of the work the RAMS require revision, then work will not be permitted to continue until the revision is in writing and again all concerned have signed it.

10 Site Orientation

10.1 Prior to commencement on site the supply chain partner is made aware of the Techrete orientation process.

10.2 Site Rules:

- No construction site personnel are to enter the working areas of the factory unless accompanied by a member of Techrete staff.
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10.3 This will include but is not limited to:

Safety Organisation/HSE Manager	Chain of command
First Aid Facilities/Welfare	Emergency procedures
Project details	Emergency areas, fire point, alarm system
No go areas/Boundaries	Do's and Don'ts/Company Policies
On-site smoking rules	Site details (address/telephone no)
Reporting Procedure	Considerate Constructors Scheme
Personal Conduct/Disciplinary Measures	Categorisation of English Language skills: Fluent (1) Adequate working Knowledge (2) Insufficient Understanding (3)
Personal Safety 'Off Site'/Local Area Risks Consultation Meetings/Safety Concerns Waste Management	Red, yellow and green card procedure

10.4 Client or Project Specific Rules

- Risk Assessments/Method Statements/Safe Systems of Work are to be complied with.
- If for any reason the system detailed needs to be altered in any way, work must stop, and the Site Manager notified immediately so that a Risk Assessment/Method Statement can be revised and re-signed.

- Personal Safety: Irrespective of local risks employees should report any concerns to the site management.

The Principal Contractor must display the site rules, once these are agreed. All persons at the site must adhere to the arrangements as detailed on the site rules notice.

10.5 **Personal Protective Equipment (PPE) for Site.**

The minimum personal protective equipment PPE for this site is:

- Hard hat with chin straps
- Steel toe cap boots (steel mid-sole)
- Gloves. Cut resistance level 5 with 5 written on the glove. (Traffic light system)
- High visibility clothing
- Eye protection

Additional PPE may be required as directed by the risk assessment and method statement.

11 Drug and Alcohol Policy

11.1 Techrete Holdings has a zero-tolerance approach to the misuse of drugs and alcohol for both direct employees and members of the sub-contractors, and as such has an unannounced, random selection testing policy.

11.1 It is also the policy of Techrete Holdings that the use, suspected use or possession of illegal drugs or substances, or the consumption of alcohol, during working hours by any persons or member of staff working on/in a company site/contract or office, will be deemed to be a failure to comply with current regulations and legislation and may result in the individual being instructed to leave the site. The individual's employer will be contacted and informed of the action.

11.2 Where a manager has reasonable belief that a member of staff is under the influence of alcohol or drugs (whether prescribed or not) and that this is impairing his/her ability to perform normal duties (it shall be group policy to ensure that this is confirmed by at least two members of staff), the manager will ensure that the individual is taken off their normal duties with immediate effect pending investigation. Such investigation may include appropriate testing and could lead to disciplinary action.

12 Fire and Emergency Plans

12.1 All procedures will be in accordance with the JCoP for Fire Prevention On Construction Sites and the Regulatory Reform (Fire Safety) Order 2005 (RRFSO) and cover fires, acts of terrorism and all emergencies that may require the site to be evacuated.

12.2 TO BE APPONTED is the Responsible Person (RP) and is appointed as the Site Emergency Safety Coordinator for the project responsible for the following:

- Preparing the Safety and Environmental Emergency (& Incident) Planning Arrangements (SEEPA), and Fire Plan Drawings and Fire Risk Assessment for the project. The SEEPA should include procedures for:
  - Maintenance of the Site Fire/Emergency folder.
  - Emergency Fire Protection Arrangements including fire point locations and suitable firefighting equipment.
  - Emergency evacuation from site including access and egress routes, emergency lighting, any necessary drills and practices.
  - Implementation of the Hot Work Permit System.
  - Other procedures as identified in the attached document.
  - Implementation of weekly checks and monitoring. Records will be maintained of the inspection and maintenance of fire point equipment, fire escapes and fire routes using TECHRETE Weekly Checks.
  - Liaison as may be required with the local fire brigade and the issue and update of site plans.

12.3 Each sub-contractor is responsible for their own fire prevention equipment and no work must be allowed without suitable fire prevention procedures in place and approved by the Building/Site Manager.

12.4 All site offices will be equipped with a minimum of 1 x foam (or water dependent on risk) plus 1 x CO2 extinguisher. These will be situated within the portacabins.

12.5 As the site progresses and the Fire Plan and Risk Assessment are updated; fire points will be established at various locations to suit the prevailing conditions. These will be shown, along with emergency exit routes within the SEEPA, and Fire Plan Drawings, which will be displayed in the site canteen.

12.6 Emergency drills will be held at regular intervals and recorded. To ensure that the control of contractors is monitored should emergency evacuation be required, all contractors will be required to complete the site attendance log on a daily basis or using site specific recording methods.

12.7 **Emergency Phone Numbers:**

DESCRIPTION	EMERGENCY NUMBER
Techrete Project Manager	07715 755141/9
Police /Fire /Ambulance	**999 /112**

Hospital

Name of Hospital	EMERGENCY NUMBER
Scunthorpe General Hospital, Cliff Gardens, Scunthorpe DN15 7BH	01724 282282

12.8 **First Aid**

a. All accidents connected with the extension works will be reported immediately to Techrete site and Safety Management and appointed site first aid Coordinator.

b. First - aid treatment will be administered if necessary by the trained first aiders. Details of all accidents connected with works will be placed in the accident book by the first aider or site manager and Techrete accident ARI form completed and submitted to the Techrete Safety Manager.

c. Details of any accidents and investigations will be forwarded to Techrete Project Management.

d. The Techrete site manager will use the first aid risk assessment as a guide to the provision of suitable first aid provision.

13 Construction Environmental Management Plan

Environmental management during the construction phase is essential. This plan is to ensure that we minimise adverse impact from activities, relating to both on site and transport arrangements and address how potentially adverse impacts associated with development and construction sites will be managed. The following are the areas of key focus and control.

Whilst implementation of the referred solutions is essential for the main works, for advanced works such as installation of the acoustic barrier, knowledge of these key focus areas is considered adequate. Day to day factory Environmental Permit restrictions will apply no matter how minor the advanced works are in nature.

13.1 **Community Liaison Officer**.

A Community Liaison Group will be set up prior to construction and will continue through until final commissioning of the Scheme as a formal forum for handling resident complaints. The Techrete Project Manager will lead discussions with local communities and also act as the primary point of contact should there be any queries or complaints.

13.2 **Noise & Vibration Control**

a. **Works & Methods**

- Specify construction tasks (excavation, demolition, superstructure erection, etc) with sequencing, durations, hours of operation.
  - Outline methods: steel erection, crane and MEWP operation, use of low-vibration equipment, maintenance schedules.

b. **Attenuation Measures.** Apply **Best Practicable Means** per BS 5228 Parts 1 & 2 for noise and vibration controls. Use acoustic barriers/screens around noise-generating areas. Set **permissible noise limits** at receptors based on local standards or assessment.

c. **Monitoring Scheme**

- Implement continuous noise monitoring at representative sensitive receptor locations.

(This will be implemented for the main works but is not required for installation of the acoustic barrier).

- Conduct regular vibration checks during heavy operations.
- Log data, compare against noise limits, and trigger corrective actions when exceeded.

13.3 **Light Management.** Any lighting required during construction for safety reasons will be temporary in nature and predominately limited to the core working hours. The site is manned 24 hours a day 365 days per year by security staff so there is no need to add significant perimeter lighting to the project site.

Whilst the type of lighting to be used for construction activities has not been confirmed yet, the following principles will be adhered to:

a. Use of focused directional fittings to minimise outward light spill and glare (e.g. hoods/cowls which direct light below downwards) outside of the site.
b. Lighting to be directed towards the middle of the Sites rather than towards the boundaries.

Compounds & Storage Locations
- Clearly mark contractors' compound, material storage zones—located to minimise light spill toward sensitive areas.

Health & Safety Lighting
- Identify necessary lit zones (access routes, working areas, compound) for safe operations.

Temporary Floodlights
- Note exact positions of any floodlights to be installed during darker periods or for critical tasks.

Sensitive Receptors
- Map all nearby receptors susceptible to glare or light pollution (ie; residential dwellings)

Mitigation Measures
- Use downward shielded, fully cut-off lighting fixtures with timers.
- Orient lights to avoid shining toward receptor areas.
- Employ shielding, dimming, and switch-off schedules when areas are inactive.

13.4 **Dust Control**

General

All excavation and demolition works are due to take place founded upon existing hard paved surfaces. There is no need to implement wheel washing facilities since lorries leaving the site will not have been trafficking unmade ground.

Monitoring & Complaints
- Establish routine site inspections and, procure a scheme for particulate monitoring.
- Create a logging system for dust complaints, with responsive investigation protocol.

Receptor & Phase Identification
- Identify sensitive receptors and associate phases where dust exposure risk is highest (e.g., demolition, excavation, batching start-up).

Water Provision
- Ensure on-site water supply (hydrants/hose reels) for dust suppression across relevant areas.

Mitigation Techniques

- Use water sprays, dust screens, existing effluent treatment equipment.
- Sequence work to minimise exposed surfaces and use sweeping/cleaning as needed.

13.5 **Traffic Management** The timing of deliveries and truck movements to and from the site must be co-ordinated so as to avoid a build-up of traffic on the road. The construction site is within an operating factory and the intensity of deliveries over the installation period will have little impact on vehicular movements throughout the construction period.

13.6 **Communication Strategy** Notify adjacent residents via the Community Liaison Officer in terms of updates, progress and any issues that are likely to impact on their day to day activities

13.7 **Cease Operation Protocol** Include a commitment to **halt dusty operations immediately** if monitoring or external reports indicate dust nuisance.

13.8 **No Burning Policy** There is to be no on-site burning of waste or materials under any circumstances.

NOTE: The following Appendices provide a descriptive high level approach to each of the subject areas. Contractors when appointed will be required to prepare and submit for review and approval the relevant active documentation.

Appendix 1 – Logistics Plan

Security/Site Set Up/Welfare/Materials Management/FORS & CLOCS

Security

- Minimum, where practicable, is a solid 2.4m high hoarding, timber / blockade. Where this is not practicable, Heras style fencing may be considered.
- Consider whether 24/7 security will be required. Alternatives given risk levels may include remote monitoring.
- Carry out a Personal Risk Assessment on our site staff taking into account the risks involved with the location of the project.
- The default standard enforced on all projects (unless signed off by the Operations Director) is that all sites have a working turnstile installed at the earliest practicable time.
- Where practicable, projects should consider a dedicated gateman (trained as a traffic marshal – see job description below) who will control the site access process.
- The site must have in place a signing in/out process of all site deliveries. Subcontractors expecting deliveries must notify the site team to facilitate logistics planning.
- Subcontractors must be notified when a delivery arrives; they will then take control of the vehicle and offloading to ensure the safety of both driver and vehicle whilst on and upon leaving site.

Where a dedicated individual (Gatekeeper) controls access onto the project the following attributes must be considered:

- Appropriate traffic marshal training (including Techrete expectations and specific duties)
- Attend a Techrete health and safety briefing on their duties
- Be polite but robust
- Understand the site traffic management plan
- Be clean and tidy in appearance
- Be able to deliver driver briefings
- Work with the site team and set up/organisation of walkways
- Erect appropriate site signage
- Coordinate storage organisation and logistics management.

FORS and CLOCS

FORS is voluntary and open to any company operating a fleet including vans, lorries, mini-buses and coaches. This is as part of the construction industry's desire to protect vulnerable road users.

Dependent on the location of the project, or contractual agreements, this may be a requirement and must be discussed with contractors and suppliers before deliveries commence. For more information visit the FORS website https://www.fors-online.org.uk/cms/
Construction Logistics and Community Safety (CLOCS) is a scheme dedicated to improving the safety on roads in relation to construction vehicles. In addition to this many of our client's now stipulate that CLOCS rules are to be enforced by any deliveries to the project. http://www.clocs.org.uk/

SITE SPECIFIC

The site compound will be set up and consist of:

Complete/delete as appropriate

Heras style fencing panels with appropriate bases and stays.

The access gates to the compound will be securely locked at all times until a delivery is made and then re-secured on completion. Outside normal working hours the gates will be left secured.

Parking

There will be parking available around the main factory offices for staff and visitors only.

SITE SPECIFIC HEALTH AND WELFARE FACILITIES AND FIRST AID

Welfare facilities remain to be agreed particularly given the confined nature of the proposed construction site area and the intended use of Techrete's established factory welfare facilities.

First Aid:

1. First aid equipment requirement as identified by the First Aid Risk Assessment will be maintained both in the project office and other identified locations within the main working areas, due to the distance between them. It is likely that these additional first aid kits will be co-located with main fire points.

2. First aid box will be held and maintained in the site office on the main floor.

3. The nominated trained First Aider/s for this site is / are:
   a. TO BE APPOINTED

4. The Project Manager will ensure that all planned welfare and first aid facilities are provided and that they are maintained to the required standards.

Vehicle Management (Safety Risks including):

1. Delivery and removal of materials (including waste) and work equipment taking account of any risks to the public, for example during access to or egress from the site.

2. Wherever practical the layout of the site will include separate routes for vehicular traffic and pedestrians with priority given to safe access and egress to pedestrians.

3. This principle will include for the elimination of reversing vehicles wherever possible. The traffic plan is to be made available to all suppliers and contractors working on site.

4. A site entrance will be formed as detailed on the logistics drawings to provide access to the site compound.

5. Construction Logistics and Community Safety (CLOCS) is something that is coming to the fore within the UK and the industry. Techrete is committed to protecting vulnerable road users and our logistics plans will take into account the CLOCS standards and guides that are available online.

Loading/Unloading Arrangements

To be agreed

Traffic Management/Separation of Vehicle and Pedestrian Routes

To be agreed

Appendix 2 – Excavation & Ground Works Plan

Excavation, Ground Works and Service Avoidance Planning

Excavation, Ground Works and Service Avoidance Planning, in general, remain some of the most dangerous activities in the UK construction industry and include both of the highest risk categories; work at height (falls into open excavations – Plans for which are to be included within Appendix 5), and plant/machinery movement.

Every specific requirement that Techrete imposes is based on a previous incident or near miss. It's vitally important that lessons are learnt when things go wrong if future accidents are to be prevented, and to this end we would ask that you read and understand this document and make it clear to your workforce that the information it contains must be complied with fully.

General health and safety advice and other information is available from the Health & Safety Executive (HSE) (www.hse.gov.uk) or your own H&S Representative.

Site Specific Notes on Excavation, Ground Works and Service Avoidance Planning

- Conduct appropriate ground and service surveys prior to planning the works on site. This may help with designing out of risk.
- Mark up the site with known services, known voids and the proposed layouts of excavations and ground works required.
- Enter extent and approx. depth of excavations
- Detail and mark up where bulk excavation material will go
- Explain site access arrangements – route to be taken, contractor's car parking, prohibited arrival/leaving times etc.
- Detail and mark up any plant/person no go areas (overhead cables etc.)
- Detail and mark up storage arrangements (materials and fuel)
- Include relevant details on ground make-up (contamination etc.)
- Explain environmental issues – Tree protection, invasive species, ecology, archaeology etc
- Detail any community requirements

Health & Safety

Excavations:

1. All excavation work is to be properly planned with all necessary equipment available on site before the work commences.

2. A Service Avoidance Plan must be in place and signed up, as well as a Permit to Dig relevant to the task ahead issued on Field View before any excavation work takes place.

3. All open excavations must be properly fenced at all times. The fencing used must be substantial enough to prevent personnel from falling in. Heras fencing panels must be double clipped together as a minimum.
4. Rigid edge protection barriers must be provided at the top level of all open excavations, to prevent workers involved in the actual excavation work from falling in.

5. A temporary work design will be required at least 10 days in advance for work where the excavation needs to be supported.

6. Where possible, all excavations should be backfilled at the end of each day.

7. Where possible, access into excavations will be via proprietary stair systems, properly constructed steps cut into the ground or a ramp; access ladders should be considered as a last resort.

8. If ladders are to be used, they must be in good condition and properly secured against movement. They must be recorded in equipment registers and included in weekly checks. They are to be checked daily before use as part of the excavation.

9. Stop blocks are to be positioned and used, where vehicles are required to tip directly into an open excavation.

10. Material excavated from an excavation must be cast at least the same distance as the excavation is deep, away from the edge.

Service Avoidance:

1. Each project is to produce a Service Avoidance Plan (SAP) which details exactly the procedure to be adopted to avoid the striking of all services.

2. The Ground Works Supervisor, and others, will be required to sign up to the SAP.

3. All available information (GPR scans, CAT and Genny scans, and information from the Client etc.) will be used to identify the location of underground services.

4. Initial investigation by hand digging will be used to identify location.

5. No mechanical excavation will take place within 500mm of a known underground service.

6. Where possible, all services will be isolated prior to works commencing.

7. The area of excavation will be consistently scanned during the digging using a CAT and Genny which has been properly calibrated and used by a trained, competent person.
8. Work is to stop immediately where unknown services are identified, and a Building Manager notified. Work may only continue once approved safe systems have been put in place.

Overhead Service Avoidance:

1. Utility owners will be consulted regarding overhead services and working height restrictions. There may be additional utility owners control measures that have to be put in place. These should be appended to this document.
2. Crossing places under overhead cables will be established using a 'goal post' type structure. This will include warning signs giving the maximum permissible height. Guidance for this is available within HSE document 'Avoiding danger from overhead power lines Guidance Note GS6'.

3. All other overhead services will be fenced off to prevent plant / vehicle movement in the areas underneath them.

4. Specific measures will be introduced where plant is required to work directly under overhead services and may include the use of physical restrictors etc.

Mobile Plant:

1. All mobile plant and equipment must be in good condition and operated by a trained and competent person within the parameters of the manufacturer's guidelines.

2. Techrete only accepts CPCS and NPORS qualifications for mobile plant operators.

3. No passengers are permitted to ride on plant.

4. As far as reasonably practicable all plant shall be immobilised when the operator is not at the controls. Techrete operates a bungee key fob process where the machine's ignition key is connected to the operator.

5. All items of plant and machinery will be the subject of a weekly visual inspection to determine any faults or defects. This inspection is to be formally recorded.

6. All test and thorough examination documentation must be made available for recording with the site manager, before the item of plant is used on site, and preferably before it is unloaded from delivery transportation. This is to be recorded on form P1-HS-024 on Field View.

7. The traffic management plan must be observed and adhered to at all times, in particular site speed limits and warning signage.

8. Vehicles required to reverse must have a dedicated (trained) banksman, in addition to any audible warning devices or cameras.

9. Excavators must have a dedicated (trained) banksman, unless operating in a fenced off area where no pedestrians are present.

10. No plant or machinery is to be used on site until its presence has been brought to the attention of the site manager.

11. All mobile plant should have a 'Thumbs Up' warning sign indicating personnel in the vicinity of equipment are to gain the operators attention before entering the equipment working zone.

Environmental:

1. Fuel storage is to be positioned in an area away from plant and machinery usage to avoid the possibility of accidental fuel tank damage.

2. A set procedure must be followed during plant refuelling which will involve the use of drip trays and site-specific equipment.

3. A dedicated emergency procedure is to be adopted in the event of a fuel spill. All fuel spills regardless of quantity, must be reported to the site management immediately.

4. An emergency spill kit and suitable and sufficient fire extinguishers must be positioned adjacent to all fuel storage tanks, and refuelling points.

5. Waste documentation (licences and transfer notes) must be made available before any material is removed from site.

6. Lorries removing waste must be properly sheeted before entering the public highway.

7. Dust, noise and vibration must be kept to its lowest possible levels, using all appropriate and practicable control measures.

8. Please notify the site manager immediately if any plant, animal or archaeological remains are discovered.

Appendix 3 – Lifting Operations & Related Activities Plan

Control of Lifting Operations

All lifting operations will be planned and carried out in accordance with:

- Lifting Operations and Lifting Equipment Regulations 1998 (LOLER)
- Provision and Use of Work Equipment Regulations 1998 (PUWER)

This applies to the use of all lifting appliances or machines, i.e. pulley blocks, gin wheels, winches, piling frames, excavators, draglines, cranes, etc., and to the use of all lifting gear or tackle, i.e. chain slings, ropes, slings, shackles, eye-bolts, hooks, etc. at the project

All lifting operations will be planned by an appointed person as required by BS7121. All lifting operations will require a lift plan. A permit to lift is also to be completed prior to lifting operations, on Field View.

The Project Lift Supervisor is TO BE APPOINTED (all contract lifts carried out under issue of Techrete permits by competent site manager).

The HSE Manager will be consulted at an early stage when any lifting operation is to be carried out, so that adequate planning can take place.

CONSIDERATIONS

Workplace

- Ground conditions
- Temporary works
- Proximity hazards
- Over sailing risk
- Operation, travel erection and dismantle conditions
- Areas cordoned off

Loads

- Lift Weight (including lifting accessories)
- Load, Centre of Gravity
- Requirement for additional lifting equipment

Equipment

- Type of lifting appliance
- Max outrigger/track load @ radius
- Appliance deployment, (boom, jib, outriggers, counterweights)
- Lifting certificates available

Personnel

- Appointed person / Crane supervisor

- Slinger / signaller
- Identifiable
- Communication method between parties
- Training certificates

Appendix 4 – Work at Height Plan

Project Fall Prevention Strategy

The main safety goal of this project is to achieve an injury and incident free place of work. This Work at Height Plan will help to deliver that goal by safely managing all aspects of working at height.

The purpose of this plan is to identify the activities on this project involving working at height and select the appropriate methods and equipment to undertake the work safely using the hierarchy of control.

Fragile Roof Surfaces

Consideration must be given to the location of any potential fragile roof surfaces including roof lights. More often than not these will have to be protected using collective fall prevention methods, subject to their condition and location.

Working at Height Hierarchy of Control

You only move up the hierarchy when you decide that the control is not practicable.

- Avoid the need to work at height, for example by using extending equipment from the ground
- Prevent falls using appropriate access equipment such as work platforms or rope access
- Reduce the distance and consequences of a fall should one occur

You should choose collective measures to prevent falls (such as scaffolds, MEWPs, towers) before other measures that may only mitigate the distance and consequences of a fall (such as fall protection systems – nets etc.) or which may only provide personal protection from a fall.

All work at height on this project will comply with the Work at Height Regulations 2005 and Techrete procedures. Further detail is contained within this document.

Coordination and Communication

Safety briefings take place regularly with all Site Safety Supervisors to discuss coordination of trades and workplaces. Any Work at Height operations that are planned will be discussed along with the control measures required. Any exclusion zones to protect from falling objects will be discussed and briefed to operatives by their Supervisors.

Work at Height operations requiring exclusion zones or permit to enter systems will be identified with clear and precise signage to make workers and visitors aware of the risks. The Hazard Board will also be updated with the high-risk operations that are occurring on site and the relevant control measures.

Review and monitoring arrangements

A review will be conducted during Contract Review Meetings and in discussion with the Site Safety Supervisors at the regular site safety consultation meetings. Contractors will be monitored for compliance with the agreed access and fall prevention measures described in this plan.

Techrete Procedures

Site specific activities

1. ***Scaffolding***

a. This will be installed to an agreed design or industry standard guidelines (TG20-21) and will be subject to temp works approval for installation and any amendment.
b. Only NASC approved contractors will be allowed to install or amend any scaffold on site, and only CISRS accredited scaffolders will be allowed to erect scaffold or amend it.
c. If any amendments are required then you should contact the site management to agree and implement the works using Techrete procedures.

2. ***Works off MEWP's***

a. Any works off MEWP's will be subject to a specific site-based RAMS and approved by site staff/safety manager and the lifting co-ordinator prior to being undertaken.
b. As part of any RAMS being submitted locations of work will be agreed and discussed and signed off by the temp works co-ordinator to ensure that the floor loadings will not be exceeded during use of the MEWP.
c. Any MEWP operators will need to be IPAF or CPCS trained as a minimum standard and will be required to attend the daily lifting co-ordination meetings to ensure safe co-ordination is maintained on site. A specific rescue plane will be included as part of any RAMS.
d. Barriers will need to be provided to all working areas which are under the control of the MEWP operator, with adequate signage in place to ensure that all are aware that works are being carried out a high level.
e. Site based assessment will be undertaken to ensure the provision of sky alarms where appropriate to avoid crushing injuries.
f. The site team are to ensure that there is a rescue procedure available on site and that the operators/other operative know how the procedure works this will be demonstrated on site.
g. All machines will be regularly maintained and subjected to both daily and weekly checks to ensure that they stay in a suitable condition for us.
h. A risk assessment will be available to show the requirement for anti-entrapment device requirements.

3. **Working off low level scaffold towers/NMAE (Non-Mechanical Access Equipment):**

a. Trades using this form of equipment will have specific site-based RAMS and this will fully detail all requirements for the safe and appropriate use of access equipment; it is currently envisaged that the following trades will be likely to use low level access equipment on this site:
    I. M&E
    II. Steel fixers
    III. Ceiling fixers
    IV. Plasterers
    V. Painters
b. All mobile scaffold towers will only be erected/dismantled by competent PASMA trained operatives.

c. All NMAE will be inspected daily before first use and weekly and results recorded in the weekly inspections section of Filed View.
d. Further inspection will be required if the location of the scaffold is amended or after any high winds or impact.
e. All NMAE equipment must display a NMAE tag which shows the last date the piece of equipment was inspected, mobile towers, ladders, podiums, hop ups and scaffolders step-ups.