

Church Inn Ardwick Green – Construction Management Plan

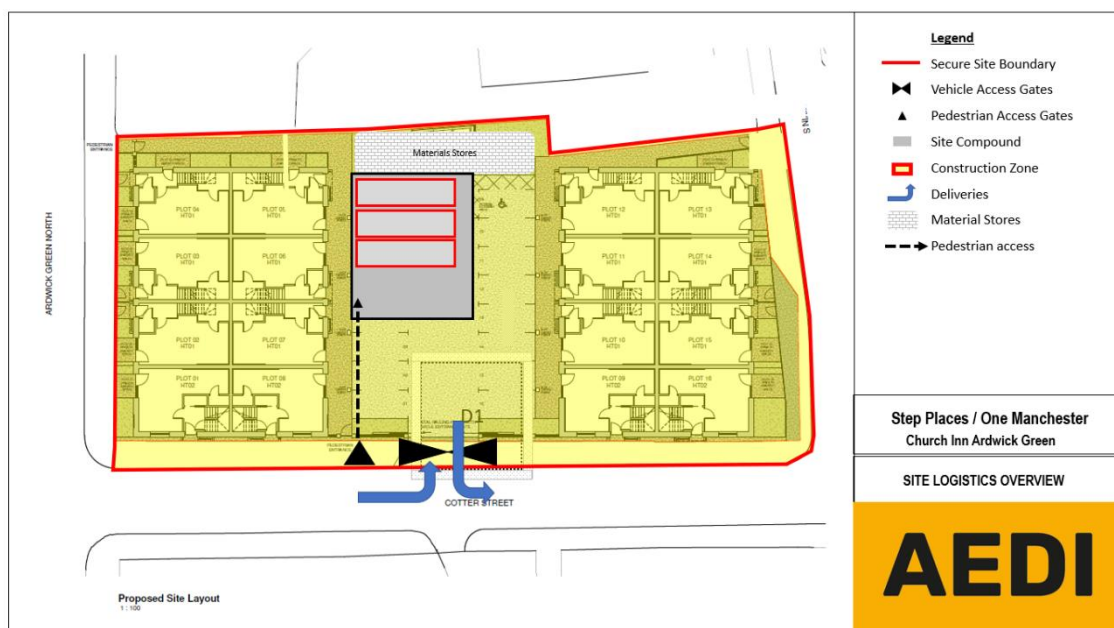
This document is to provide a summary of the overall approach to managing the construction phase of the project from commencement to completion. This document will act as a supporting tool of the main Construction Phase Health and Safety Plan (CPHSP) which is currently under review. A final CEMP will be prepared post-decision and ratified as part of the condition discharge process.

As the Principal Contractor we have established a health, safety, and environmental strategy for the works with a target of zero accidents of all types. In addition, we will set up a benchmark standard for the monitoring of health, safety, and environmental considerations on this project by means of a system of monitoring of incident and accident frequency rates and environmental incident rates, using both active and reactive monitoring processes prior to the commencement of works. All sub-contractors working on this project will be expected to achieve a similar standard and provide outline processes for inspecting and auditing during the project. Key project goals are listed below and will be continually monitored as the project progresses and numbers of staff and sub-contractors increase accordingly.

Health & Safety Principles and Objectives

AEDI Principles and Objectives aim towards: -

- Zero accidents/incidents
- All employees with positive attitudes towards safety
- Repeat business
- HSE/External bodies confidence and zero HSE Actions
- Zero lost time due to unsafe and inefficient working practices
- Reduced insurance costs
- Contract completion on time with minimum disruption
- Comply with the current AEDI Safety Policy and procedures
- AEDI have a full set of S.H.E procedures which are operated on all projects.

SITE PLAN

SITE WORKS

Scope of Works including any Design Brief: 16 back-to-back houses within secure gated community, off street parking with bin stores, hard and soft landscaping to the externals.

Enabling Works: Erect perimeter fencing and carry out any necessary footpath and traffic management (subject to agreement with Highways) prepare site area, removing hardstanding's and any deleterious materials. Work to follow on will be remediation works set out in the remediation strategy including any necessary service diversion.

Sub Structure: New drainage foul and water including sewer connections under licence, foundations for houses.

Superstructure: Timber Frame, brick clad, single ply finish roofs, composite windows and doors.

External Works: Footpath and vehicle entrance, Hard landscaping carpark and footpaths for off street parking, soft landscaping.

Hours of work:

Site working hours

Monday – Friday 7:30am – 17:00pm

(Sub-contractor to receive specific times of site attendance in their order to allow for COVID-19 staggered working hours)

Saturday - 8:00am – 14:00

(Sub-contractors to receive specific times of site attendance in their order to allow for COVID-19 staggered working hours)

No Sunday working

Site Security

The proposed arrangements for site security are as follows:

Site fully hoarded by a proprietary hoarding system to at least 2 metres in height

Pedestrian and Vehicular access to be fully controlled and gates suitable for hoarding system.

Security lighting will be provided in the site compound.

24hr monitored CCTV system will be always in operation, this will cover all elevations of the compound and working area.

Site Access (vehicular and pedestrian)

All access points will be identified of the site Traffic Management Plan (TMP) included within the Construction Phase Health and Safety Plan (CPHSP) and final CEMP. This will be documented in two phases for the demolition and main construction works. Compound, cabin location, means of access, material storage and locations of significant areas of temporary works, scaffold, hoarding etc will all be identified. All access points will be monitored to prevent entry by unauthorised persons.

Public Relations: -

Public Relations Manager:

Action Plan

- AEDI will maintain its approach as a Considerate Contractor throughout this development.
- AEDI will maintain existing perimeter fencing and introduce a Heras fence to help to prevent the chances of any dangerous un-authorised access onto site both during and out of construction hours.
- Safety signage will be erected to inform and warn of any dangers linked the construction of this development.
- AEDI will make efforts to minimise the impact of the construction of this development that may affect any members of public or surrounding properties and businesses.
- Regular noise environmental readings shall be taken.
- A periodic newsletter will be posted to all nearby businesses to advise them of the progress of the works being undertaken.
- The site shall be responsive to any queries by the public or surrounding properties.
- The Site Manager will deal with any complaints swiftly and these complaints will be logged and made available to the Principal Designer/Clients Agent and Client alike.
- There will be a daily check around site boundaries to ensure no materials of the construction process are contaminating surrounding areas.
- AEDI construction will contact the local schools to advise of the construction process and interact with the pupils on the dangers of construction sites.
- Letter drop to surrounding residents will be done before construction works start.

Parking

Contractor parking will be 'off site' utilising the existing parking facilities within the town centre. The nearest location being NCP. A managed drop off service will be in operation to allow operatives to drop off tool and equipment on site ahead of parking their vehicles.

Noise Limitation

Noise assessment: Completed as part of RAMS Submissions and plant recorded on the Noise Register on the SHE Notice Board

Plant assessed by: All subcontractors deemed to be using plant, this will be recorded and issued to AEDI site manager

Noise Meter available: At the site office if the subcontractor does not have their own.

Mud / Debris on Highway

All existing hardstanding will be maintained wherever possible to prevent sub strata being brought the service. Where appropriate temporary hardstanding's will be introduced (vehicular cross over points) to allow wheels to be kept free from debris. Vehicle routes will be managed to ensure they remain on clean hardstanding's.

Where this cannot be maintained site machinery will be utilised to bring the arising to the loading areas (i.e. site dumpers / excavators). Vehicular wheel washes will also be in operation where required.

Construction Environmental Management

Air Quality Assessment for this project will be done, along with AEDI quality management system the air Quality Assessment will be used as guidance.

The scope of the works clearly involves demolition and earthworks, as a matter of course our construction environmental management plan (CEMP) will address the risks associated with noise, air pollution, vibration, and other sources of environmental impact because of our works. Our approach to these matters will be on a risk assessed basis. But as a minimum we would anticipate environmental monitoring points around the perimeter of the site, which will display contact details for the person(s) accountable for the environmental risks mentioned. These monitoring points will inform us to the level of noise, dust and vibration being generated by the works. Prevention measures will be implemented to ensure that we reduce any emissions or risks associated with the environmental risks. These prevention measures will include dust suppression, enclosure of operations with high potential for dust, avoiding site run off from water or mud, covered skips, water suppression etc.

The Daily Environmental Record is a generic document from our Quality management system. The DER will be tailored to the specifics of the project. This list is non exhaustive

- Daily checks/ remedial measures to safety fencing, barriers, and site hoarding
- Noise/Air quality/ Noise monitoring at pre-determined locations
- Daily checks for mud/dust on public highway.
- Daily monitoring in relation to excavation and unforeseen contamination
- Extract below is table 18 from the Air Quality Assessment

Table 18 Fugitive Dust Emission Mitigation Measures

Issue	Control Measure
Communications	• Display the name and contact details of person(s) accountable for air quality and dust issues on the site boundary. This may be the environment manager/engineer or the site manager • Display the head or regional office contact information • Develop and implement a Dust Management Plan (DMP), which may include measures to control other emissions, approved by the Local Authority
Site management	• Record all dust and air quality complaints, identify cause(s), take appropriate measures to reduce emissions in a timely manner, and record the measures taken • Make the complaints log available to the LA upon request • Record any exceptional incidents that cause dust and/or air emissions, either on- or offsite, and the action taken to resolve the situation in the log book
Monitoring	• Carry out regular site inspections, record inspection results, and make an inspection log available to the LA upon request • Increase the frequency of site inspections when activities with a high potential to produce dust are being carried out and during prolonged dry or windy conditions
Site preparation	• Plan site layout so that machinery and dust causing activities are located away from receptors, as far as is possible • Fully enclose site or specific operations where there is a high potential for dust production and they are active for an extensive period • Avoid site runoff of water or mud • Remove materials that have a potential to produce dust from site as soon as possible, unless being re-used

Issue	Control Measure
Operating vehicle/machinery and sustainable travel	• 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 practicable • Produce a Construction Logistics Plan to manage to sustainable delivery of goods and materials
Operations	• Only use cutting, grinding or sawing equipment fitted or in conjunction with suitable dust suppression techniques • Use enclosed chutes and conveyors and covered skips • Minimise drop heights and use fine water sprays wherever appropriate • Ensure equipment is available to clean any dry spillages, and clean up spillages as soon as reasonably practicable using wet cleaning methods
Waste management	• No bonfires or burning of waste materials
Demolition	• Ensure effective water suppression is used during demolition operations • Avoid explosive blasting, using appropriate manual or mechanical alternatives
Earthworks	• Re-vegetate earthworks and exposed areas/soil stockpiles to stabilise surfaces as soon as practicable • Use Hessian, mulches or trackifiers where it is not possible to re-vegetate or cover with topsoil as soon as practicable • Only remove cover in small areas during work and not all at once
Construction	• Avoid scabbling (roughening of concrete surfaces) if possible • Ensure sand and other aggregates are stored in banded areas and are not allowed to dry out • For smaller supplies of fine powder materials ensure bags are sealed after use and stored appropriately to prevent dust
Trackout	• Use water-assisted dust sweeper on access and local roads, if required • Avoid dry sweeping of large areas • Record all inspections of haul routes and any subsequent action in a site log book • Inspect haul routes for integrity and instigate necessary repairs to the surface as soon as reasonably possible

AEDI Construction

AEDI construction project manager will maintain contact with local stakeholders within the immediate area, so that any concerns or environmental impacts may be addressed at an early stage. In addition, as a matter of policy on all projects, AEDI construction will be signed up to the considerate contractor's scheme and associated initiatives.

Regular visits from regulatory authority will be encouraged so that they are confident that controls measures are being regularly carried out.