



Melland High School
BRIGHT FUTURES EDUCATIONAL TRUST

Construction Management Plan (CMP)

Melland High School Extension Gorton Education Village Wembley Road Gorton Manchester M18 7DT



Contents

Introduction	3
Project Location	3
Scope of Works	3
Planning Requirements	3
Roles & Responsibilities	4
Works Programme and Site Hours	4
Surrounding Environment	4
Site Layout & Good Housekeeping	5
Site Establishment	5
Traffic & Pedestrian Management	6
Deliveries	6
Considerate Constructors Scheme	6
Air Quality	7
Noise & Vibration	7
Waste Management	8
Method Statements	9
Training & Competence	10
Appendix 1 – Site Establishment Plan	11

Introduction:

The aim of the Construction Management Plan (CMP) is to consider the potential impacts to the environment that may arise during the proposed works with the overall aim of developing a strategy for legislative compliance and good practice.

Project Location:

The new extension is located at Melland High School, Gorton Education Village, Gorton Manchester M18 7DT.

Scope of works:

It is proposed to construct a single storey new build 8 classroom block to the north of the existing school buildings.

Planning requirements

This CMP has been produced as it is intended to form the basis for the management of the main environmental aspects associated with the construction of the new teaching block. The CMP sets out the environmental commitments that are to be delivered by Carefoot as part of the planning process and in accordance with Manchester City Council's requirements to discharge the relevant planning conditions to submit a Construction Management Plan (CMP).

Roles & Responsibilities

Walter Carefoot and Sons (Construction) Ltd shall be responsible for the implementation of this CMP. A list of Carefoot contacts responsible for the construction management of this project is shown below and the table shown below details how the plan will be communicated to relevant personnel.

Alan Thompson – Contracts Director 07825 253639 alan.thompson@carefootplc.com

Alan Thompson – Contracts Manager

Car Lategan – Site Manager 07795 565186 martin.moran@carefootplc.com

Sam Duxbury – HSQE Manager 07748 253072 sam.duxbury@carefootplc.com

Communication method	Frequency	Attendees	Environmental points for discussion
Contractor Site Meetings	Monthly	Contracts Director Contracts Manager Site Manager QS Design Team Client	Any pertinent environmental issues. Scheduled deliveries.
Subcontractor Meetings	Weekly & Monthly	Contracts Manager Site Manager QS	Statutory Nuisance issues. Waste Management. Environmental incidents
Site Induction	As required	All site personnel including subcontractors	Inductions will be used to inform all site personnel of key information concerning the management of the site, procedures to be followed and expected standards/controls when working on the project.
Toolbox Talks	As required (minimum 2 per month)	All site personnel including subcontractors	Toolbox talks will cover a broad range of topics including those related to best practice environmental management.

Works Programme & Site Hours

The works are due to commence on 1st August 2022 and are expected to last 48 weeks. Further updates shall be required to this CMP as the works progresses. Site is open from 0730 – 1700 Monday to Friday with hours of works typically be carried out Monday to Friday between 0800 – 1630hrs.

Surrounding Environment

The site is located within the boundary Gorton Education Village and therefore educational buildings are in the immediate vicinity, however, adjacent to Village are some residential properties on Rawsthorne Avenue.

Site Layout & Good Housekeeping

In planning the site layout, we will ensure that a good housekeeping policy is applied at all times and as far as reasonably practicable and that amongst other things:

- Site will be fenced off using 2 metre anti climb Heras or Blok n Mesh fencing. This will be erected in accordance with the manufacturer's instructions
- All fencing will be inspected daily and repaired as necessary
- All working areas will be kept in a clean and tidy condition
- Adequate toilet facilities will be provided for all site staff and the disposal of effluent will be in accordance with duty of care regulations
- Rubbish will be removed at frequent intervals and the site kept clean and tidy
- Food waste will be removed at frequent intervals
- Any waste susceptible to spreading by wind or liable to cause litter will be stored in enclosed containers
- Open fires and burning of waste will be prohibited at all times
- All necessary measures will be taken to minimise the risk of fire
- Storage areas, fixed plant and machinery will be located in areas to limit adverse environmental effects
- All external lighting and illumination associated with the construction process will be in accordance with best practice guidance to ensure that construction lighting does not affect the amenity of residents or create a statutory nuisance, external lighting will be positioned to:
 - Provide the minimum levels necessary for safe working
 - Avoid disturbance to adjoining residents and occupiers
 - Avoid creating dazzle or distraction for drivers using the road network
 - Seek to minimise light spillage or pollution
- Adequate security will be exercised to protect the public and prevent unauthorised entry to or exit from site. Site gates will be closed and locked when there is no site activity
- Any site cameras will be located and directed so that they do not intrude into residential property.

Site Establishment

Our site compound will be established within the existing car park of the school, this is accessed from Wembley Road.

The site establishment and traffic management plan is shown in Appendix 1. This shows the existing entrance to the village along with the proposed traffic routes and segregated pedestrian walkways. Location of site accommodation, parking for contractors, staff and visitor's vehicles, emergency assembly point, signage to be displayed and site fencing. The requirements of the plan will be covered during inductions.

The Plan will be updated as necessary, to reflect the ongoing work. The Site Manager will ensure that relevant personnel are made aware of any amendments.

As part of the site establishment, we will erect a notice board at the entrance to the site but within the site boundary. This will provide local residents etc with full details of the project

along with the contact details of the site management team and for Walter Carefoot and Sons main office details.

Contractor parking will be strictly within our site compound area. Driveways to the existing residential properties must not be blocked and are to remain clear. As part of the order process and the site induction contractors will be advised of the parking arrangements.

Traffic & Pedestrian Management

The temporary traffic and pedestrian management have been discussed and agreed with the client. As part of the project there are some extra parking bays to be created and it is our intention to do this work early on in the project so that any parking places taken for the site compound are not lost when the school returns from the summer holidays.

Deliveries

On a weekly basis our Site Manager will liaise with our supply chain partners and compile a delivery schedule to plan and arrange the delivery of all major items for the project this will highlight how the delivery process will be managed so that deliveries arrive on time and vehicles are not causing disruption along Wembley Road and the adjoining road network.

As part of the procurement process the preferred delivery restriction times and preferred delivery route are provided to all contractors and those supplying materials and equipment. Whilst there are no specific restrictions it is anticipated that during term time no vehicle movements will be permitted on/off site between 0800 – 1000 and 1400 – 1500hrs. All orders will contain the contact phone numbers for the Site Manager and Contracts Manager. As we are dealing with our approved supply chain partners for which we have a long and established good working relationship we do not envisage any issues with regard to implementing this process.

Large deliveries of materials for example concrete block will be delivered strictly on a 'just in time' basis and will be lifted directly from their transport to the material storage area.

Directional signs will be placed along the highway from The B6178 Mount Road into Melland Road, Wembley Road and to the site.

All delivery vehicles leaving this site will be notified of the best route for their return back to their depot. Vehicles leaving site will be inspected for mud prior to exiting, we will create a one-way system into and out of the site with two sets of vehicle access gates as shown on the Site Establishment Plan.

Considerate Constructors Scheme

We register all projects with The Considerate Constructors Scheme and this scheme will be registered. We have won awards with the scheme and are fully aware of how to work with and utilise the schemes guidelines for the code of considerate practice.

As previously stated, the sign board will contain all the details of the Considerate Constructors Scheme. The complaints system operated as part of the scheme will be our method of recording and responding to any complaints received.

Prior to work commencing we shall produce a newsletter which will be issued to the residents on Wembley Road and surrounding roads advising them of the proposed works along with the contact details of the site management team. This newsletter will be updated on a regular basis throughout the works.

Air Quality

Construction projects result in increases in vehicles, plant, and equipment on and offsite, which can impact on the local air quality increasing particulate matter and nitrogen dioxide levels which can have adverse effects on human health.

During the construction phase Carefoot will:

- Record all dust and air quality complaints, identify cause, take appropriate measures to reduce emissions in a timely manner and record the measures taken.
- Make the complaints log available to the Local Authority when asked.
- Record any exceptional incidents that cause dust and/or air emissions and the action taken to resolve the situation in the log book
- 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
- There are minimal groundworks on this scheme however we will consider implementing specific measures associated with avoiding dust generation including
 - sweeping public roads regularly with a vacuum sweeper.
 - damping down during ground works and other dusty activities, using water bowser and sprayer to suppress dust.
 - enclosure of site specific operations where there is a high potential for dust production and the site is active for an extensive period.
 - haul rd installed to create loading areas to avoid vehicles having muddy wheels
 - erect solid screens or barriers around dusty activities or the site boundary at least as high as any stockpiles on site.
- plan the site layout so that machinery and dust causing activities are located away from adjacent properties, as far as is practicable.
- keep site fencing, barriers and scaffolding clean using wet methods.
- remove materials that have a potential to produce dust.
- ensure all vehicles switch off engines when stationary-no idling vehicles.
- Avoid the use of diesel or petrol powered generators and use electric or battery powered equipment where practicable
- Produce Logistics Plan to manage deliveries of goods and materials to keep to a minimum with just in time deliveries wherever possible.
- 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 suppression / mitigation using non-potable water where possible and appropriate.
- Use enclosed chutes and covered skips
- Ensure equipment is readily available on site to clean any dry spillages and clean up as soon as practicable
- Undertake regular inspections to monitor dust, record inspection results and make available to Local Authority.

Noise & Vibration

Construction works have the potential to generate noise and vibration disturbances that can affect nearby residencies and local retail outlets. Throughout the construction phase our priority is to be a good neighbour and to minimise noise and vibration disturbances to nearby residencies. Carefoot will:

Minimise construction noise by the use of plant, management techniques and acceptable working hours to ensure that the site activities are not significant. Noise generated from site

activities will be controlled in accordance with BS5228 – CoP for noise and vibration on construction sites. Good working practice guidelines/instructions to include, but not limited to the following:

- Avoid un-necessary revving engines
- Plant used intermittently should be shut down between operational periods. Plant and equipment will be switched off when not in use – including during breaks and down time of more than 30 minutes. No idling vehicles or plant onsite.
- Noise control equipment such as jackets, shrouds, hoods, and doors and ensure they are closed.
- Where practicable, noisy plant and/or equipment will not be used simultaneously and/or in close proximity together to avoid cumulative noise impacts.
- Hoardings and screens as noise barriers are erected before construction activities commence.
- Plant should be located as far as is reasonably practicable away from receptors.
- Avoid reversing where possible.
- Drive carefully and within the speed limit at all times.
- Vehicles and mechanical plant used for the works will be fitted with effective exhaust silencers, maintained in good and efficient working order, and operated in such a manner as to minimise noise emissions. Report any defective equipment/plant as soon as possible so that corrective maintenance can be undertaken.
- Handle materials in manner that minimise noise.
- Loading and unloading of materials will be undertaken away from sensitive areas. Materials will be lowered and not dropped from heights.
- Site personnel must be instructed on best practical means to reduce noise and vibration as part of the site induction and further toolbox talks prior to specific activities.
- Informing residents about the construction works via a newsletter.
- Locating noisy static plant, such as diesel generators, away from residential properties. Regular site inspections will be carried out by our HSQE Manager to check plant and equipment are being operated with suitable acoustic covers in place.
- Audits of all site activities will be carried out at regular intervals during the construction by our HSQE Manager.
- Using the most modern-equipment available and ensuring equipment is properly maintained.
- Where possible using silencers / mufflers on equipment.
- Display contract information and contact details at the site entrance in order that any complaints can be registered.
- A review of the likely vibration effects from operations will be undertaken for each activity as part of the compilation of RAMS documentation. This review could indicate a requirement for vibration monitoring at sensitive receptors.
- Maintenance of plant will be carried out routinely and in accordance with the manufacturers' guidance. A regular inspection of all plant and equipment will be undertaken as a minimum to ensure that
 - all plant is in a good state of repair and fully functional.
 - any plant found to be requiring interim maintenance is taken out of use.
 - acoustic enclosures fitted to plant are in a good state of repair.
 - doors and covers remain closed during operation.
 - repairs are undertaken by a fully qualified mechanic/fitter/engineer.

Waste Management

The construction works are likely to produce the following wastes:

- Mixed construction waste
- Mixed inert waste

- Timber
- Plasterboard
- Mixed metals
- Packaging including plastic/cardboard/pallets etc
- Paper/cardboard and plastics
- hazardous waste – small quantities of paint/aerosols/mastic tubes

There will also be chemicals and hazardous materials associated with the project such as fuels and lubricants which are to be stored in the site compound, these include:

- fuels
- oils
- lubricants
- paints
- adhesives and resins
- solvents
- cements and binders

All site waste will be controlled in accordance with:

- Environmental Protection Act
- Environmental Protection (Duty of Care) Regs
- The Controlled Waste Regs
- The Hazardous Waste Regs
- The Waste (England and Wales) Regulations

Waste removal will be carried out by a licensed waste carrier. Waste removal companies will be selected on the basis of those who provide a complete re-cycling service and data to back it up. We aim to re-cycle a minimum of 95% of waste generated on site. The Site Manager will arrange to obtain copies of the waste carriers' licences for those companies who remove waste from site. Copies of all licenses and permits will be kept on site for inspection when required.

Hazardous Waste will be removed by a licensed contractor and copies of all Transfer Notes will be kept for inspection. All waste materials and chemicals will be stored appropriately on site.

Site Management to undertake regular checks of Transfer notes to ensure waste is being managed in line with current waste legislation. Our HSQE Manager will carry out periodic waste audits.

Method Statements

We will be responsible for ensuring our supply chain partners provide Construction Method Statements in advance of their works commencing for review and approval.

Method Statements will include as a minimum:

- A description of the works being undertaken
- Description of the impacts to the environment caused by their works based on a review of surveys and information available. The impacts should consider areas such as transport, noise, vibration, and waste
- Details of the activities to be undertaken; equipment to be used; hours of operation; site access arrangements along with likely vehicle movements and details of waste and emissions to be generated.
- Management and mitigation measures
- Monitoring and measurement responsibilities

Method Statements will include the following environmental control measures as a minimum:

- All waste to be segregated and placed in suitable waste container
- All fuel to be stored in suitable tank within a bunded area
- Drip trays or absorbent blankets to be placed under static plant
- All hazardous chemicals to have current COSHH assessment, be appropriately labelled and be stored in a locked container
- Emergency arrangements for spill response. Spillages to be reported immediately
- Confirmation of working hours

Training & Competence

All personnel shall receive an Environmental Induction prior to commencing works on site. No personnel shall be permitted to commence employment on site without prior attendance at an induction.

Environmental topics covered will include:

- Duties and responsibilities
- Relevant site specific procedures
- Nuisance prevention
- Waste management and housekeeping
- Response procedures
- General environmental best practice

A record of Toolbox talks will be kept on site. Toolbox talks shall include but not be limited to instances where:

- There has been a change to legislation which requires and operational change
- Site audits have identified corrective actions which require communication

The frequency and topics shall depend upon the phase of construction and shall be provided as often as necessary to address site specific environmental requirements.

Appendix 1

SITE DELIVERIES
No site traffic is permitted across the school site outside of any areas wholly contained within any route guarding zones between the times of 0800hrs - 1000hrs and 1500hrs - 1600hrs during term time.
A banksman will accompany all vehicles entering or leaving site. Deliveries to telephone site prior to arrival.

PRIOR TO EXIT FROM SITE - VEHICLE WHEELS ARE TO BE INSPECTED/ CLEANED USING 'POWER WASH' FACILITY

SCHOOL VEHICULAR ACCESS TO BE MAINTAINED AT ALL TIMES

ACCESS/EGRESS TO & FROM SITE WILL BE VIA WEMBLEY ROAD



1st AID FACILITIES LOCATED IN SITE MANAGERS OFFICES



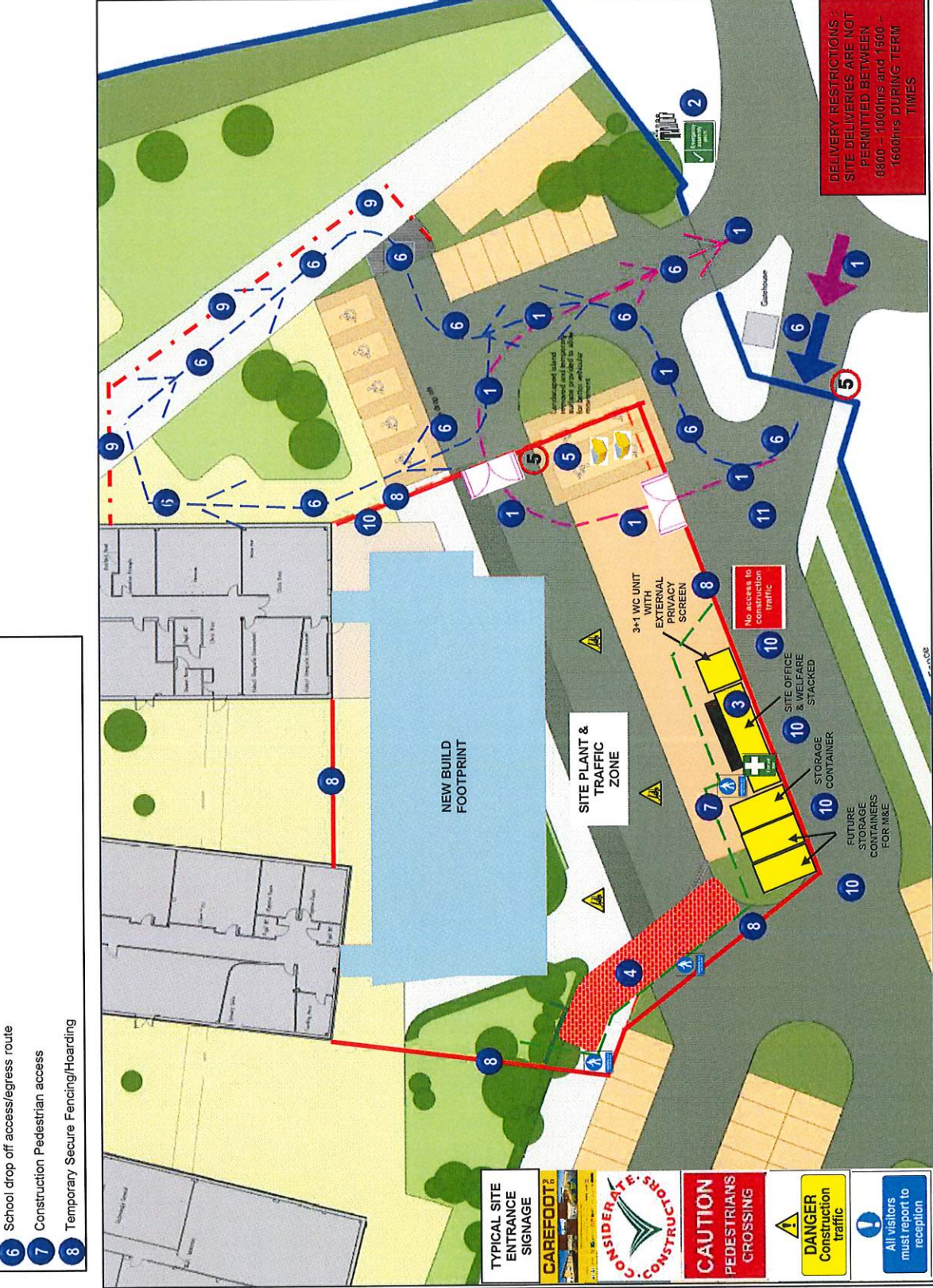
CAREFOOT

**Melland High School
New 8 Classroom Block**

Site Establishment Plan

Drawing Number: L2695/001
Drawn By: AT/SH
Date: 01/08/2022
Ref: Issue

- LEGEND**
- 1 - 6 1 & 6 shows area where access route is shared. (Construction vehicles & School Drop Off)
 - 9 Barrier provided to create segregated pedestrian walkway
 - 10 Provision of road markings to cover temporary change to one way system (Two way directional arrows)
 - 11 Provision of temporary road marking (No Entry) To cover the change in the one way system



- LEGEND**
- 1 Construction vehicular site access/egress route
 - 2 Fire assembly point
 - 3 Site offices/welfare facilities stacked
 - 4 Material storage area
 - 5 Waste management zone/segregated skips
 - 6 School drop off access/egress route
 - 7 Construction Pedestrian access
 - 8 Temporary Secure Fencing/Hoarding

TYPICAL SITE ENTRANCE SIGNAGE

CAREFOOT

CONSIDERATE CONSTRUCTORS

CAUTION PEDESTRIANS CROSSING

! DANGER Construction traffic

! All visitors must report to reception