CONSTRUCTION MANAGEMENT PLAN

For

The Strings and Things Limited Pension Scheme,

At

Unit 5,
Commerce Way,
Lancing,
West Sussex,
BN15 8UP

Document Control

Issue	Description	Approved By	Signed	Date
One	For Approval	J B Hamer	[redacted]	July 2022
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1) DESCRIPTION OF THE WORKS:

This Construction Management Plan (C.E.M.P), sets out the standards and procedures for the construction impacts, public health and safety aspects which may affect the interests of local residents, businesses, the general public and the surrounding vicinity during the construction at 5 Commerce Way, Lancing, BN15 8UP

This plan has been compiled to address potential impacts of the project during demolition and construction.

This Plan will look at methods to mitigate the specific l disturbances such as noise, vibration, dust, plant emissions and nuisance as well as other environmental constraints specific to this site at Commerce Way.

This Construction Management Plan focuses specifically on ensuring that the construction of the proposed facility meets all expected quality standards and measures, as detailed.

The project consists of the demolition and site clearance of two storey office premises and existing adjoined warehouse including external yard slabs and construction of new B8 Storage/ Distribution Unit with Ancillary Offices and Work Space

The initial works consist of the demolition of the existing building within the site demise, site clearance and preparation of the site for future development. The Works will include the party wall protection with the adjoining Unit.

Site Description:

The site is situated at Commerce Way, Lancing, in an area mainly of Industrial/ Commercial Warehouses and Offices.

The site is known to have historically been occupied by a Two-storey Offices with adjoining warehouse

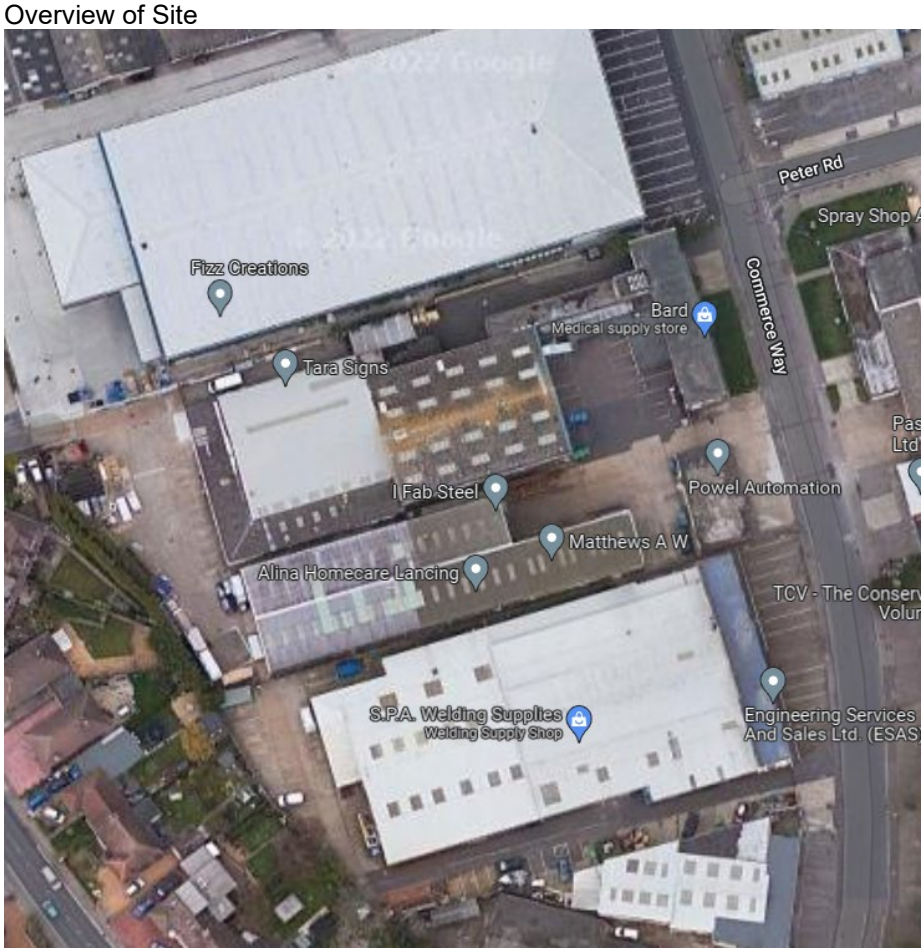
The building is surrounded by predominately Industrial/ Commercial Units and Public Highway as follows:

- *North:* Site Boundary with further adjoining Commercial/ Industrial Units beyond
- *East:* Site boundary with public foot path and highway beyond – Commerce Way bordered by further commercial units.
- *South:* Site boundary with further Industrial/ Commercial premises beyond.
- *West:* Site boundary with further Industrial/ Commercial premises adjoined on the party wall

It is noted that Residential premises run North West to South East along Western Road, to the west of the Industrial/ Commercial Units

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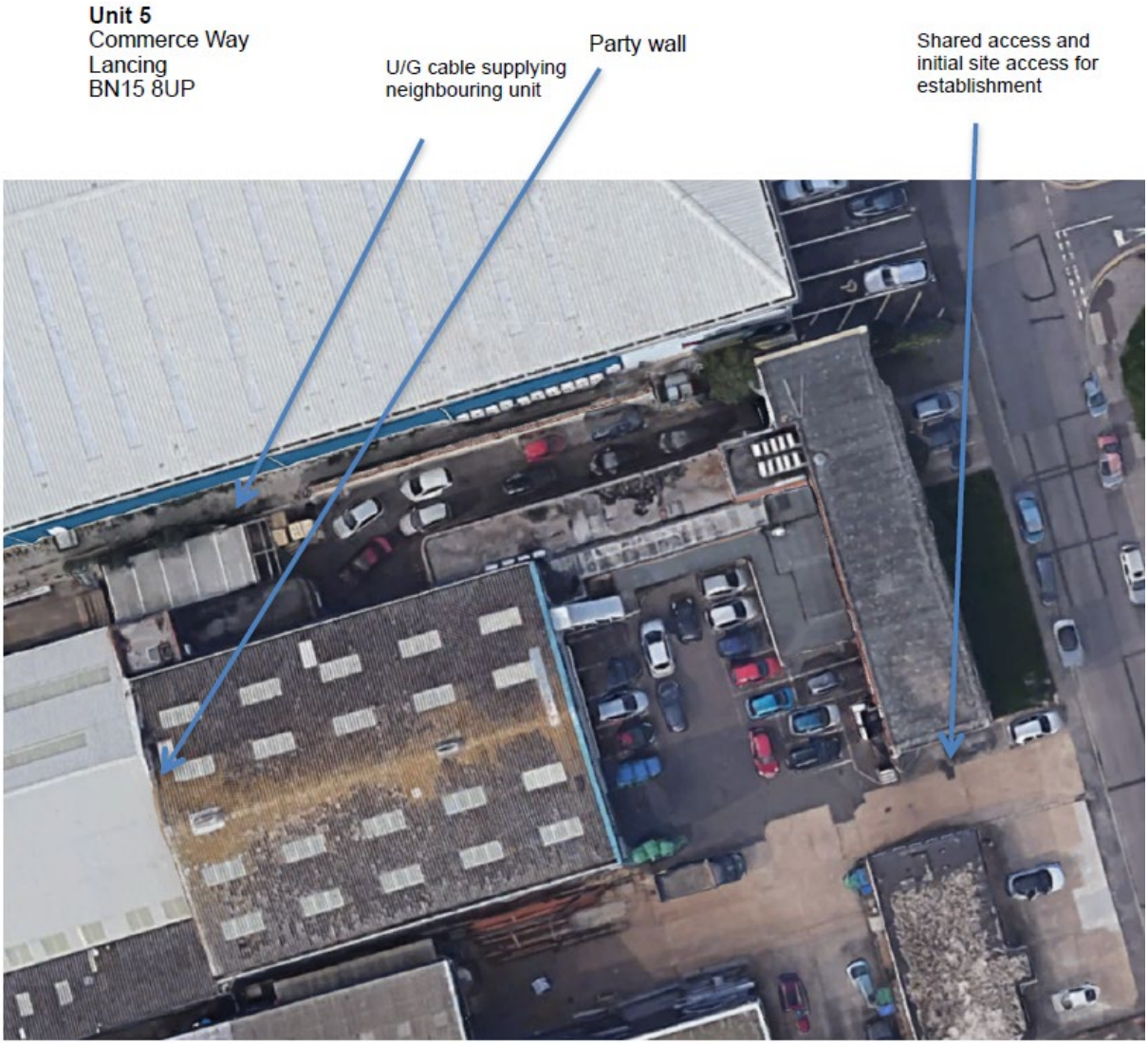
Overview of Site





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Site Constraints Plan



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As above, the site shall be secured with Timber Hoarding/ HERAS fencing with dedicated separate Vehicular and Pedestrian Access Gates and the works shall not impact on the neighbouring premises which shall remain open and occupied during the course of works.

Faircloth will obtain information from the **Clients Representative** regarding crime in the area. This will be considered when erecting site hoarding and entrance points in relation to existing CCTV footage within the site.

Pedestrian access is facilitated by the existing extensive pathways which link the building within the site out to the adjoining roads and footpaths. The adjoining/surrounding car park areas are in constant use by site employees & visitors with pedestrian and vehicular traffic during operational hours

Restrictions on Site Working: - to be taken as follows unless otherwise advised in the tender documents – No works of construction shall be audible outside the site boundaries outside the hours of 08.00 to 18.00, Monday to Friday and 09.00 to 13.00 on Saturday, No Sunday or bank holiday working permitted unless under prior agreement with the Project Management.

Name of Client	The Strings and Things Limited Pension Scheme.
Name of Principal Contractor	Faircloth Construction Ltd
Local Planning Authority	Adur & Worthing Councils, Worthing Town Hall, Chapel Road, Worthing, BN11 1HA
Existing Land Use	Two Storey Offices with Adjoining Warehouse
Name of person who drafted plan	Jon Hamer
Notes/amendments:	Initial issue for the Client and Planning

2) CONTRACTOR DETAILS:

2.1) Roles and Responsibility:

This C.M.P will clearly define the role and responsibilities of the project team and the management chain. Descriptions of each team member are provided in the following sections

2.2) Client Project Manager:

The Client Project Manager would have overall responsibility for monitoring the performance of the project against statutory requirements and the agreed objectives and targets. The duties associated with this role include:

• Review and approve the Contractor's CMP together with any specialist procedures and identify the need for any improvements;

• Identify the competence of all contractors to be employed for the works;

• Review construction method statements with regard to environmental aspects and advise of suggested improvements prior to works commencing, and

• Provide main contact between contractor and Client's project team on environmental & construction issues.

2.3) Contracts Manager (Ben Whitewood):

The Contracts Manager will have responsibility for co-ordinating and managing all the environmental activities during the construction works. The duties associated with this role include:

• Identify competence requirements for all staff and ensure delivery of training to the project team;

• Review and improve method statements for environmental aspects prior to works starting;

• Monitor construction activities to ensure that identified an appropriate control measure are effective and ensure compliance with the C.E.M.P;

• Act as main point of contact between the regulatory authorities and the project on all issues;

• Provision of advice and liaison with subcontractors to ensure that risks are identified and appropriate controls developed which are identified within method statements;

• Assist with the development and undertaking of training for site staff;

• Liaison with the Client Project Manager

2.4) Site Manager (Tomas Janusas):

The Site Manager will be responsible for the following:

• Assist the Contract Manager in developing and maintaining the C.E.M.P together with other documentation;

• Monitor construction works to ensure any necessary control measures are in place and meet the requirements of the C.E.M.P.

• Carry out weekly site inspections and complete inspection report identifying any actions required;

• Maintain training register and provide training where necessary;

• Assist in responding to complaints;

• In the event of an environmental incident ensure correct procedures are adhered to.

• Provide information on waste management/reduction procedures to relevant staff

• Implementation are operation of environmental controls on site;

• Respond to any environmental incidents such as spills

2.5) BREEAM A/P (Accredited Professional) (Tom Wesely):

The AP does not have to be the same person throughout the process; However, they need to keep records of targets, reasons behind decisions, risks etc. and make sure that these are handed over of a new AP joins the team.

To monitor construction progress against agreed performance target, the BREEAM AP should ideally be site based or visit site regularly to carry out spots checks and may advise actions to be taken to address short comings in compliance. The BREEAM Ap should monitor site activities with sufficient frequency to identify risks of non-compliance.

In this context, visits should occur at key stages of the construction process, at times where:

- works can be observed before they are covered up or new works or trades start.
- there are significant risks of conflicts or errors occurring.
- timing is critical for demonstrating compliance.
- key evidence is required to be produced at specific times. This includes, but is not limited to, photographic evidence, delivery notes and other documentary evidence.
- different trades and systems come together and one could harm the integrity or compliance of another system's performance against BREEAM requirements.

2.6) Environmental Specialists:

A team of experts would be available on an “as and when required” basis to support the project team. Their role would include the undertaking of any necessary watching briefs.

2.7) Communication and Co-ordination:

Periodic meetings will be held between the team members to discuss performance to date, the need for improvements (if any), results of inspections and any complaints received. Upcoming work operations will be reviewed in order to plan any necessary actions to mitigate risks and to disseminate information on best practice. If necessary, representatives of the Statutory Authorities may also be invited to attend such meetings, as and when required.

2.8) Training and Awareness:

A training plan will be developed which identifies competency requirements for all staff with responsibilities and details the training needs to ensure that such requirements are met. Records of competence and training will be maintained and all site staff will be inducted on the environmental issues related to the project and the CMP. Toolbox talks covering specific environmental aspects will also be undertaken as and when necessary.

2.9) Operational Control:

Site works will be checked against the C.M.P requirements. Any mitigation measures that have been agreed with the Statutory Authorities, or are part of planning conditions, will be put into place prior to the undertaking of the works for which they are required and all relevant staff will be briefed accordingly. Method statements that are prepared for the works will be reviewed / approved by the Client Project Manager and where necessary the relevant Environmental Specialist.

2.10) Checking and Corrective Action:

Daily inspections of the site and the works will be undertaken to minimise the risk of environmental damage and to ensure compliance with the C.M.P. Any environmental incidents are to be reported immediately to the Site Manager. The Contracts Manager will undertake monthly inspections and complete an assessment of the project's performance with regard to the relevant standards/legislation and the contents of the C.M.P. Following these inspection's, the Manager will produce a report detailing the findings which will be provided to the Client Project Manager and reviewed at the monthly project meeting.

2.11) Key Faircloth Contacts:

Name	Position	Contact Number/s	Email
Darren Faircloth	Managing Director	07836 656195	darren@faircloth.co.uk
Ben Whitewood	Construction Director	07754 207529	ben@faircloth.co.uk
Tomas Janusas	Site Manager	07725 900719	tomasj@faircloth.co.uk
Dale Nelhams	Operations/ S.H.E Manager	07796 997146	dale@faircloth.co.uk
Tom Wesely	Design/ Developer and BREEAM AP	07826 757872	tom@faircloth.co.uk
Jon Hamer	Compliance Manager	07735 761973	jon@faircloth.co.uk
Joe Collinson	Temporary Works Co-ordinator	07572 760370	joe@faircloth.co.uk

3) SEQUENCES OF WORKS AND METHODOLOGY:

3.1 Construction Programme Phase's:

The main activities can be summarised into the following:

- Site set up and ground remediation works/site wide works
- Demolition of existing buildings
- Strip and oversite
- Sub-structure works
- Superstructures
- Finishing Trades
- External works package including car parks works

The main environmental impacts can be classified as NOISE, DUST and AIR QUALITY, NUISANCE, EMMISIONS and VIBRATION.

These will be controlled by the implementation of the following techniques:

- Noise assessments will be carried out. The site will remain fully segregated a solid barrier hoarding. We will be erecting an acoustic screen around the site to minimise any noise nuisance. (Refer to section 4).
- Dust suppression techniques such as damping down and collective techniques on individual plant and machinery. Covered waste lorries will be used. (Refer to section 4).
- Smell/ Odour Controls will include plant switched off when not being used, use of low emission plant, use of water misters to dampen during demolition, removal of waste products as soon as reasonably practicable possible.

- Access routes will be clearly displayed. Congestion in the locality will be minimised by Just-In-Time Delivery Strategy and Construction Logistics Plan.
- Partnered Supply Chain will provide information concerning emissions and will favour use of Freight Operators that are members of FORS. No vehicle idling will be allowed (Refer to section 7).
- Main sources of vibration will be from ground improvement and remediation works including the grubbing out of existing hard standings etc and piling works which will be CFA type method to keep vibration to a minimum.

3.2 Key Construction Critical Points:

3.2.1 Site Set Up:

The site establishment is to be located in the exiting car park within the site demise plan as per item 1.3

Site Welfare will include for: Double stacked Office over Canteen, Meeting Room over Drying Room and 2+1 Lavatory all supplied with temporary water and power in secure compound.

Site perimeter will either be constructed of 2.1m hoarding or as a minimum will be HERAS fenced, which shall be double clipped and diagonal braced for additional strength and security with separate vehicular and pedestrian access gates with all appropriate signage displayed.

24-hour remote CCTV monitoring will be employed to monitor the site from a site security and protection perspective.

3.2.2 Strip & Hard standing:

Key Elements

- Survey to be completed and area to be stripped to be laser marked
- Known service locations to be identified and marked
- Survey for unknown services to be completed
- If required, planer to be used to remove tarmac layers
- 360 Tracked Excavator with pecker to be used to break existing concrete and tarmac, to be segregated and stockpiled on site for either reuse or further disposal
- Site levels reduced to the correct level as per the Structural Engineers, any material to be stockpiled within the confines of the site demise and either reused for back filling or removed for further disposal
- Faircloth Quality Control record completed and signed off by Site Manager and Contracts Manager

3.2.3 Drainage:

Key elements

- Pipework to be of the correct specification (UPVC, HEP20, cast iron etc)
- Pipework diameters correct
- Bed and surround (shingle/concrete)
- Flexible joints installed
- Roker pipes fitted to manholes
- Attenuation bedded and installed correctly
- Levels checked and monitored with correct falls
- Interceptors (if required), installed correctly and bedded
- Testing carried out and recorded
- Specified screened backfill used
- Manholes and chambers as per agreed specification
- Manhole covers rated correctly
- Faircloth Quality Control record completed and signed off by Site Manager and Contracts Manager

3.2.4 Piling Mat (If required):

Key elements

- Piling mat design accepted and signed off by Structural Engineer and Temporary Works Co-ordinator for the project.
- Pile positions probed by 360 tracked excavator fitted with pile probe
- Obstructions removed
- RL proof rolled
- Geotextile laid
- Suitable quality of material obtained and used to form mat

- Mat proof rolled and level
- Mat level to design and datum checked and correct
- CBR/ Plate load test completed and within tolerance
- Surveyors marks out pile positions and verifies
- Faircloth Quality Control record completed and signed off by Site Manager and Contracts Manager

3.2.5 Foundation & Reinforcement:

Key elements

- Type of reinforcement to be used: loose bars, prefabricated cages, mesh
- Blinding, 50mm thick, well compacted and level
- Shuttering, correct line and level
- Cover, nominal 40mm
- Spacer Type, correct and securely fixed
- Shuttering, cleared of debris and lined/ coated
- Laps, to correct specification
- Faircloth Quality Control record completed and signed off by Site Manager and Contracts Manager

3.2.6 Concrete:

Key elements

- Reinforcement checked
- Shuttering, correct line and level
- Shuttering cleared of debris
- Bolt clusters if required correctly positioned
- Ducts/ drains installed correctly
- Concrete Mix approved by the Structural Engineer (Cemex preferred supplier)
- Shuttering cleared of debris (2nd check)
- Levels checked and monitored
- Concrete finish corrects
- Faircloth Quality Control record completed and signed off by Site Manager and Contracts Manager

3.2.7 Ground Bearing Concrete Slab:

Key elements

- Drainage and ducts installed correctly as per Engineers' drawings
- CBR test carried out and passed (5%)
- Sand blinding compacted
- DPM/Gas membrane in place to specification
- Perimeter 25mm Aerofil in place
- Column isolation joints formed
- Reinforcement on chairs placed
- Mesh has 400mm minimum overlaps with correct jointing
- Movement joints formed (if required)

- Tied joints formed
- Bay formwork laser levelled
- Concrete mix approved from preferred supplier (Cemex)
- Cube tests taken
- All delivery paperwork retained
- Faircloth Quality Control record completed and signed off by Site Manager and Contracts Manager

3.2.8 Concrete Trench (Drainage, Attenuation & Services):

Key elements

- Ducts/ drains installed correctly and to specification and Engineer's drawings
- Backfill to the agreed specification
- DPM to specification
- Dowel bars as per the specification
- Dowel bars at correct centres and resin fixed
- Reinforcement/ mesh correctly installed (if required)
- Concrete mix approved by Structural Engineers (Cemex preferred supplier)
- Concrete thickness corrects
- Concrete finished correctly
- Faircloth Quality Control record completed and signed off by Site Manager and Contracts Manager

3.2.9 Steel Frame:

Key Elements

- Check bolt clusters are free moving
- Check position of bolt clusters
- Check foundation levels are correct
- Check all members and fixings are on site and are correct
- Correct lifting equipment used and Lifting Plan issued by Appointed Person and signed by team involved
- Check bolts are installed and tight and steels are installed as per Structural Engineers Drawings
- Check line and level datum
- Check Grout, nominal 25mm thick
- Steelwork should be cleaned and free of dirt upon completion
- Faircloth Quality Control record completed and signed off by Site Manager and Contracts Managers

3.2.10 Brick/ Blockwork:

Key Elements

- Bricks to correct specification
- Blocks to correct specification
- Insulation to correct specification
- Any Lintels (if required) to correct specification

- Cavity ties to specification and centres
- Wall starters and head restraints correct
- DPC's to specification/ laps
- DPC's in correct positions
- Cavity trays to correct specification and laps
- Cavity trays to foot of wall
- Cavity trays over any openings required
- Expansion joints installed as per drawings with correct material used
- Weep holes installed
- Setting out and levels checked
- Opening sizes checked
- Brick bond correct
- Joint type corrects
- Pointing finished correctly
- Any capping required to correct specification and seated correctly
- Finished work free from damage and defects
- Work area cleaned down upon completion

3.2.11 Cladding (Roof & Vertical):

Key Elements

- Check all panels and flashings are correct in colour and finish and free from damage
- Check Fixings are correct and at correct centres
- Check that seals and tapes are correctly installed
- Check cut edges are sealed and painted
- Check gaps are air tight, foam filled ads required
- Check opening sizes are correct
- Check Gutters and RWP are correctly installed at correct centres and are water tight
- Cladding should be cleaned and free of dirt upon completion
- Faircloth Quality Control record completed and signed off by Site Manager and Contracts Manager

3.2.12 Mezzanine Suspended Floor:

Key Elements

- Service holes formed
- Proping in place
- Gaps taped and sealed
- All perimeter edges checked and level/ vertical
- Column Isolation joints formed
- Reinforcement on chairs placed
- Mesh has 400 minimum laps
- Movement joints formed
- Tied joints formed
- Bay formwork laser levelled
- Concrete mix as per agreed specification

- Cube tests taken
- Power floated: Flatness tolerance,
  spray applied curing compound,
  Saw cut joints
- Faircloth Quality Control record completed and signed of by Site Manager and Contracts Manager

3.2.13 Glazing, Doors & Shutters:

Key elements

- Aperture dims correct
- Frames of correct colour and finish
- Glazing to correct specification
- Frame's plumb and level
- Glazing sealed correctly
- Correct flashings and trims used
- Lintels and base plates installed correctly
- Frames free of damage and marks
- Glazing and frames should be cleaned and free of dirt upon completion
- Doors and shutters open and close freely
- Any powered systems correctly installed and commissioned, with handover certificate provided
- Faircloth Quality Control record completed and signed off by Site Manager and Contracts Manager

3.2.14 External Surfacing:

Key elements

- The designated work area is marked out and checked for presence of services, manhole covers and other obstructions.
- Planed material is to be stock piled within the site and collected by a grab lorry.
- Water suppression to be used when planing
- Sub-base is then to be removed to the required level as per the Engineers Drawings
- Sub-base to be laid consisting as per the Engineers Drawings
- Tarmac construction is to be as per the agreed specification:
- All bituminous materials will be obtained from an approved supplier and will conform to relevant BS Standards covering the specific material and the agreed specification
- Hot material will be delivered to site in insulated transport and laid as soon as practicable to avoid heat loss.
- The hot material will be laid through an approved paving machine and will receive initial compaction by the paving machine.
- Checks will be made by the operator that the thickness is uniform through datum checks
- Compaction will be carried out whilst the material is still warm. In those areas not accessible to the roller, hand punning or a Wacker plate will be used to achieve the desired finish.
- Hand-laying will be kept to a minimum and will only be undertaken in areas where machine work is impracticable.

- Sequence is to be repeated as the works progress.
- Faircloth Quality Control record completed and signed off by Site Manager and Contracts Manager

3.2.15 Services & Systems Installation:

Including for new:

Electrics – to be taken from existing sub-station as per the design specification and to enter the unit within designed services room

Water – to be taken from boundary and into services room as per the design specification

Comms - to be taken from boundary and into services room as per the design specification

3.2.16. Fit Out, Testing and Commissioning:

To be confirmed, to be completed by the Client or others.

3.3 Local Labour Suppliers:

Faircloth have a strong commitment to reduce our Carbon Footprint as such all purchasing of materials, plant, tools and equipment by the company are subject to the controls defined in our documented procedure including ethical sourcing and sustainability.

Where ever possible local companies to the project will be sourced as well as using well known national suppliers, which Faircloth have historical good working and commercial relationships with. This is an essential component in our unique ability to provide good quality at best value.

Vetted and competent sub-contractors shall be employed by Faircloth where necessary specifically glazed elements where design is required with all designs to be issued to the Architect for comment and approval before manufacture and installation.

Specialist services elements, such as Piling, Demolition, Civils etc would also be subcontracted to contractors who we have long term relationships with and we ensure competent supervision of all subcontractors.

4) ENVIRONMENTAL CONTROL MEASURES:

Please see attached Faircloth Construction Limited "Environmental Policy" located in Appendix A

Specific procedures to manage the key environment aspects of the project will be developed by Faircloth Construction Ltd, prior to work commencing which will include the following.

4.1) General Requirements and Legislation:

All construction work shall be carried out in a considerate and proper manner, and reasonable steps should be taken to help prevent undue inconvenience to neighbour's and the public. This will include nuisance relating to noise and vibration, dust and air quality.

There are environmental and safety requirements relevant to construction work. These are contained in legislation – Acts of Parliament as well as Statutory Regulations and Codes of Practice.

Noise - The Control of Noise at Work Regulations 2005 (the Noise Regulations) came into force for all industry sectors in Great Britain on 6 April 2006.

The aim of the Noise Regulations is to ensure that workers' hearing is protected from excessive noise at their place of work, which could cause them to lose their hearing and/or to suffer from tinnitus (permanent ringing in the ears).

The Control of Noise at Work Regulations 2005 replace the Noise at Work Regulations 1989.

The level at which employers must provide hearing protection and hearing protection zones is now 85 decibels (daily or weekly average exposure) and the level at which employers must assess the risk to workers' health and provide them with information and training is now 80 decibels. There is also an exposure limit value of 87 decibels, taking account of any reduction in exposure provided by hearing protection, above which workers must not be exposed.

Vibration - The Control of Vibration at Work Regulations 2005 (the Vibration Regulations), came into force on 6 July 2005 and aim to protect workers from risks to health from vibration.

The regulations introduce action and limit values for hand-arm and whole-body vibration.

The regulations introduce an:
Exposure action value of 2.5 m/s^2 A (8) at which level employers should introduce technical and organisational measures to reduce exposure.

Exposure limit value of 5.0 m/s^2 A (8) which should not be exceeded.
The regulations also allow a transitional period from the exposure limit value for hand-arm vibration until 2010 to allow work activities, where the use of older tools and machinery cannot keep exposures below the exposure limit value, to continue in certain circumstances.

Dust & Air Quality - Under the Control of Substances Hazardous to Health (COSHH) Regulations 2002 Other relevant legislation includes the Air Quality (England) Regulations 2000. Under Part III of the Environmental Protection Act 1990 Dust / Air Quality may constitute a statutory nuisance.

Other relevant legislation includes the Air Quality (England) Standards Regulations 2, (2010), The UK Air Quality Strategy 2007 and EU Framework Directive 2008/50/EC, 2008

4.2) Noise

On site, where construction work is in progress, all personnel will have the responsibility to see that activities are carried out in the quietest practicable manner. Where noisy activities are unavoidable the disturbance shall be minimized or attenuated. This shall be achieved by the appropriate choice of technique or timing, or the shielding or protection of equipment as necessary.

Best practice will be adopted, in particular adhering to HSE INDG362(rev2) 2012 for noise and vibration control on construction and open sites.
Points of action include: -
(a) Turning off equipment when not in use.
(b) No combustion engine equipment to be used on the site.
(c) The fitting of silencers to electric and pneumatic machinery
(d) The site hoarding acting as a barrier to noise.
(e) Ensuring good relations with tenants and occupants of surrounding area.

No work will be carried out outside the permitted hours.

The building work shall be carried out in a way that inconvenience to the public will be minimized. Working hours will be Monday to Friday 08.00 to 18.00. Saturdays 09.00 to 13.00,

No working on Sundays, Bank holidays or holidays.

Where any person is liable to be exposed to noise levels greater than 80 dB (A), he will be informed and provided with suitable ear protection. Methods of ear protection, in ascending order of attenuation, include foam ear plugs and ear defenders. Noise will be kept to a minimum at all times and any further restrictions imposed under the terms of the contract will be adhered to.

4.3) Vibration:

Vibration in construction is mainly propagated in the ground. When the vibration exceeds the threshold of perception it can become a nuisance. A vibration level, however, that causes nuisance will be well below the damage threshold for normal buildings.
Construction methods that involve ground-borne vibration will be kept to a minimum.

The types of operation where vibration will occur might include: -

a) The breaking out of concrete or brickwork including demolition.

b) The excavation of soil and breaking of concrete slab.
c) Piling and Foundations.

d) Steel erection and fixing.

c) The drilling of and fixing to brickwork etc

Where possible these operations breaking out undertaken by hand with small tools. Otherwise, the smallest machinery will be employed if necessary.

It should be noted that vibration can be accumulative and so where possible vibration sources shall be operated separately.

Exposure to vibration will be identified in the appropriate Risk Assessments and Method Statements. Adequate control measurements will be put in place to eliminate the effects of vibration and to reduce exposure to it by having suitable breaks.

4.4) Dust & Air Quality (Including Odours & Smells):

A building project may affect the air quality in and around the construction site. This usually takes the form of dust created during construction activities. Dust can be dirty, and it can cause a nuisance. There are a number of routine tasks that are capable of producing levels of dust. These might include: -

a) Breaking out or cutting or chasing concrete and brickwork.

b) Cutting roofing or other types of tiles.

c) Mixing mortar or concrete on site

d) Demolition work in general.

e) Sawing and sanding timber and plasterboard.

f) Preparing internal finishes such as rubbing down during decorating and the sanding of floors.

A number of factors might contribute to increased levels of dust.

- High-energy tools like grinders, drills and saws can produce a lot of dust.
- Prolonging the duration of a tasks will enable the build-up of dust.
- Working in enclosed areas.

Site personnel will be instructed on the risks of dust and how it can be a nuisance to the public and how in the extreme case how it can harm their health. Dust control measures will be in place.

There are a number of important principles/methods to consider when controlling the level on of dust during construction activity: -

a) Undertake the activity in well ventilated areas.

b) Use on-tool dust extraction systems, such as collection bags, fitted to the equipment creating the dust.

c) Use water to dampen down the dust, for example when cutting concrete or brickwork.

d) The use of barriers, screens or tarpaulin.

e) Clean down the areas of work after dust-creating activities.

f) Delivery vehicles and skip lorries should have their loads fully sheeted.

g) Site tools and equipment, such as compressors, to be well maintained so that dirty fumes are kept to a minimum.

h) Plant to be turned off when not required, engines not to be left running.

g) Stockpiles to be kept to a minimum especially during the demolition phase with the use of powered misters.

i) Skips to be exchanged regularly and not to be overfilled, and covered when removed from site

Faircloth will undertake regular inspections of the equipment and the cleanliness of the site to help ensure that there is minimal dust pollution and that air quality is maintained.

4.5) Project Specific Control Measures:

a) Concrete breaking and cutting only to be between the hours of: 08:00 to 16:30, and restricted to 40 minutes per hour during these times.

b) Acoustic Panels to be fitted between HERAS fencing and hoarding to reduce noise transmitted into the adjacent store.

c) Water suppression to be used during the demolition phase.

d) Water suppression to be used on concrete cutting and breaking to reduce the amount of dust produced.

e) Water suppression to be used to dampen down any stock piles within the site awaiting collection.

f) Concrete crusher fitted with water suppression.

g) Vehicle washing and road sweeping to be used to reduce dust and mud on roads.

h) All loads leaving site to be covered (skips, muck away tipper lorries etc)

i) Low noise suppressed breakers and saws to be used.

j) Low vibration impact tools to be used to minimise vibration transmitted.

k) Plant engines switched off when idle or not in use.

Noise Assessment Record to be completed by operatives concerned, three times per day, (Morning. Noon and Afternoon) for the duration of the works

4.6) Wheel Wash:

Site vehicles will have wheels washed down prior to leaving the site so as to reduce unwanted debris spreading onto the highway during major earth works.

Faircloth shall manage the risk of any road contamination by regular monitoring. Should the road become contaminated, any debris will be removed using locally hired/ employed road sweeper and jet washed.

4.7) Storage of Materials:

Construction materials such as cement, oils and fuels for site plant etc have the potential to cause pollution. All fuel, oil and chemical storage must be sited on an impervious base within a secured bund of adequate storage capacity. The risk of fuel spillage is greatest during refuelling of plant. Mobile plant would be refuelled either off site or within a designated area on hard standing. All pumps, hoses etc will be checked regularly.

4.8) Waste Management:

The C.E.M.P will include detailed proposals for dealing with waste arising from the construction of this project. This would include:

- Storing and reusing earthwork materials and general arisings to negate the export or import of inert materials.
- Storing and reusing demolition materials to negate the export or import of inert materials.
- Reduction of site generated waste through waste minimisation and re-cycling initiatives, including the source-segregation of re-usable and recyclable materials.
- Appropriate methods of waste disposal linked to a robust waste disposal audit trial.
- Construction and demolition arisings being reused within the site as structural or non-structural fill.
- Detailed procedures and guidance would be developed and implemented through the construction process to minimise the import of non-sustainable raw materials and for identifying opportunities for re-using or re-cycling waste.
- Site office wastes would be collected in separate containers to maximise the opportunities for recycling, this would include:
    - Can, bottle, and paper banks;
    - Paint spray cans, (used for surveying), would be logged when issued so that their return is ensured.
    -

4.9) Recycling/ Disposing of Waste Resulting from Construction Work:

In respect of the construction work, the following measures have been identified to minimise the quantity of waste produced during this project

- The Site Manager will be responsible for identifying and segregating waste on site.
- All waste resultant from the works shall be segregated on site – skips for metal, glass, wood, plasterboard, general construction waste
- Resultant hard core, shall be crushed on site and reused where possible in the sub-structure – stockpiles shall be kept to a minimum, shall not be higher than hoarding level and will be suppressed with water during dry conditions.
- Re-usable materials will be identified on site and removed for further re-use.
- Recyclable materials will be removed from site for processing in licensed facilities.
- Hazardous waste shall be segregated and removed by licensed contractor to licensed facility.
- No waste shall be burnt or destroyed on site – burning is strictly prohibited.
- Faircloth Construction Ltd are registered as an Upper Tier Waste Broker and Dealer (registration number: CBDU218161)

4.10) Importation of Spoil and Soil:

Faircloth aim to recycle as much hardcore from existing foundations, slabs etc and re-sue where appropriate in the sub base etc.

Where soil/ aggregates are to be sourced, these will be from reputable local and national suppliers which have been assessed and passed the Faircloth Supplier Approval Process and have provided documented evidence of control within their supply chain.

4.11) Lighting and Light Pollution:

Light intrusion occurs when the light ‘spills’ beyond the boundary of the area being lit. For example, light spill can impair sleeping, cause annoyance to people, compromise an existing dark landscape and/or affect natural systems (ecology etc.).

Where required temporary lighting will be used, where this is required, it shall be either 110 volt or if mobile self-generating rigs are to be used, shall be sourced from a reputable hire company and shall be sited so that they always face into the site, and does not emit light out of the site and be a nuisance/ distraction to adjacent occupied units and properties, community in general and any adjacent highways.

5) SITE SPECIFIC ENVIRONMENTAL ISSUES:

5.1) Erosion and Sediment Control

Erosion is to be minimised by avoiding unnecessary traffic over the site.

Objective	To manage construction activities with the potential to cause erosion and the release of sediment		
Actions	**Requirements**	**Responsibility**	**Timing**
	Installation of wheel washing facilities (jet wash area) at the site exit point	Site Manager	Prior to construction commencing
	Form hard standings and haul roads	Site Manager	Prior to construction commencing
	Segregate the site form surrounding areas with hoarding and HERAS fencing	Site Manager	Prior to construction commencing
Performance Indicators	No mud/dirt visible on public roads due to construction works	Site Manager	Throughout construction works
	No rutting	Site Manager	Throughout construction works
	Site contained	Site Manager	Throughout construction works
Monitoring	Daily visual inspections of works site and all erosion and sediment controls	Site Manager	Throughout construction works
	Monthly reports	Site Manager	Monthly
Reporting	Reporting to site manager	All staff	Throughout construction works
	Any reporting to Environment Agency	Contracts Manager	Throughout construction works
Corrective Actions	Corrective actions and implementation time frame	Site Manager	Throughout construction works

5.2) Water Quality:

No groundwater or waste water is to be discharged into any water courses, rivers or streams.

Objective	To appropriately manage stormwater and groundwater quality during construction activities		
Actions	**Requirements**	**Responsibility**	**Timing**
	Excavation of v-drains / settlement ponds as required	Site Manager	Prior to construction commencing
	Provide spill kits	Site Manager	Prior to construction commencing
Performance Indicators	No untreated stormwater leaving site	Site Manager	Throughout construction works
Monitoring	Water quality monitoring program or complaint-based monitoring	Site Manager	Throughout construction works
	Daily visual inspections	Site Manager	Throughout construction works
Reporting	Reporting to site manager	All staff	Throughout construction works
	Any reporting to Environment Agency	Contracts Manager	Throughout construction works
Corrective Actions	Corrective actions and implementation time frame	Site Manager	Throughout construction works

5.3) Air Quality:

Every effort is to be made to minimise dust generation

Objective	To manage construction activities with the potential to impact on air quality		
Actions	**Requirements**	**Responsibility**	**Timing**
	Water bowsers will be used for dust suppression, all cutting tools to be water dust suppressed	Site Manager	Throughout construction works
	Provide haul roads	Site Manager	Throughout construction works
Performance Indicators	No complaints regarding dust from workers / neighbours / community members	Site Manager	Throughout construction works
	No dust settlement	Site Manager	Throughout construction works
Monitoring	Air quality monitoring program or complaint-based monitoring	Site Manager	Throughout construction works
	Visual checks	Site Manager	Throughout construction works
Reporting	Reporting to site manager	All staff	Throughout construction works
	Any reporting to Environment Agency	Contracts Manager	Throughout construction works
Corrective Actions	Corrective actions and implementation time frame	Site Manager	Throughout construction works

The site is in an Air Quality Management Area (AQMA) for exceedances of the annual mean NO^2 and 24-hour mean PM10 objectives.

The main likely effects on local air quality during construction relate to the generation of dust and particulates. A range of measures to minimize or prevent dust and particulates would be implemented throughout the construction works, these are detailed on the following pages. Therefore, it is considered that likely residual effects due to dust emissions would not be significant.

It is anticipated the effect of construction vehicles on air quality would not be significant in the context of existing local road traffic emission.

5.4) Noise:

Works are to be planned and organised to reduce noise pollution and the impact of same.

Objective	To appropriately manage noise during construction activities to minimise impact to workers, neighbours and community members.		
Actions	**Requirements**	**Responsibility**	**Timing**
	All significant noise generating activities will be undertaken between Mon-Fri 8:00am to 5:00pm and Sat 8:00am – 1:00pm. No works on Sundays at all.	Site Manager	Throughout construction works
	All plant to be fitted with noise suppression	Site Manager	Throughout construction works
Performance Indicators	No complaints regarding noise from workers / neighbours / community members	Site Manager	Throughout construction works
Monitoring	Noise monitoring program or complaint-based monitoring	Site Manager	Throughout construction works
Reporting	Reporting to site manager	All staff	Throughout construction works
	Any reporting to Environment Agency	Contracts Manager	Throughout construction works
Corrective Actions	Corrective actions and implementation time frame	Site Manager	Throughout construction works

*5.*5) Hazardous Substances:

Faircloth Construction Ltd, actively seeks to establish the extent of Hazardous Waste on site prior to the commencement of the project.

Asbestos:

Asbestos and Asbestos Containing Materials (A.C.M) have been identified within the existing buildings within the site, by the Demolition Asbestos Survey Report completed by DAF Risk Consulting (ref: B-00856, dated 29/09/2021)

All A.C.M (Chrysotile, Crocidolite & Amosite). As identified in the survey report will be removed by a licensed 3rd party contractor and removed to a licensed disposal site in line with the Control of Asbestos Regulations 2012 (C.A.R.2012)

Objective	To manage construction activities with the potential to cause contaminated soil.		
Actions	**Requirements**	**Responsibility**	**Timing**
	All diesel and petrol fuel and chemicals will be stored in bunded, areas with MSDS's kept nearby	Site Manager	Throughout construction works
	Spill kits to be provided on site	Site Manager	Throughout construction works
Performance Indicators	No spills	Site Manager	Throughout construction works
Monitoring	Chemical storage areas and spill kits will be inspected on a routine basis	Site Manager	Throughout construction works
Reporting	Reporting to site manager	All staff	Throughout construction works
	Any reporting to Environment Agency	Contracts Manager	Throughout construction works
Corrective Actions	Corrective actions and implementation time frame	Site Manager	Throughout construction works

5.6) Contaminated Soil:

Faircloth Construction Ltd, actively seeks to establish the extent of Hazardous Waste on site prior to the commencement of the project.

Asbestos

Careful examination of all excavations will be carried out to spot the presence of any possible buried asbestos. Any excavated asbestos contaminated soil will be removed from site to a specialist licensed tip by a licensed 3rd Party Contractor

Hydrocarbons, Copper & Zinc

The Geotechnical Survey has also reported the presence of hydrocarbon and other contaminants have been identified on site, especially given the pervious use of the site and the presence of a suspected former fuel island. Excavations will be monitored for the presence of any localised ground contamination; any suspected contamination will be isolated and removed to a licensed disposal site by a licensed contractor

Objective	To manage construction activities with the potential to cause or disturb contaminated soil.		
Actions	**Requirements**	**Responsibility**	**Timing**
	Minimise material to be removed from site	Site Manager	Throughout construction works
	Inspect material to be removed from site for any signs of asbestos or Japanese Knotweed	All Staff	Throughout construction works
Performance Indicators	No evidence of contamination in the soil on site	Site Manager	Throughout construction works
Monitoring	Any contamination sampling and WAC testing	Site Manager / consultant	Throughout construction works
Reporting	Reporting to site manager	All staff	Throughout construction works
	Any reporting to Environment Agency	Contracts Manager	Throughout construction works
Corrective Actions	Corrective actions and implementation time frame	Site Manager	Throughout construction works

5.7) Waste Management:

Objective		To appropriately manage waste during construction activities.		
Actions		**Requirements**	**Responsibility**	**Timing**
		Appropriate waste receptacles will be provided on site	Site Manager	Prior to works commencing
Performance Indicators		No waste deliberately or unintentionally released	Site Manager	Throughout construction works
Monitoring		Waste receptacles will be inspected daily and emptied weekly	Site Manager	Throughout construction works
Reporting		Reporting to site manager and PBPL	All staff	Throughout construction works
		Any reporting to Environment Agency	Contracts Manager	Throughout construction works
Corrective Actions		Corrective actions and implementation time frame	Site Manager	Throughout construction works

5.8) Flora and Fauna:

Non-Native Invasive Species

At present, no non-native invasive species have been identified within the site

Objective	To appropriately manage construction activities with the potential to disturb flora and fauna.		
Actions	**Requirements**	**Responsibility**	**Timing**
	No terrestrial vegetation will be disturbed without prior approval	Site Manager	Throughout construction works
	No animal habitats will be disturbed without prior approval	Site Manager	Throughout construction works
Performance Indicators	No injury / harm to local flora and fauna	Site Manager	Throughout construction works
Monitoring	Visual monitoring	Site Manager	Throughout construction works
Reporting	Reporting to site manager and PBPL	All staff	Throughout construction works
	Any reporting to regulators	Contracts Manager	Throughout construction works
Corrective Actions	Corrective actions and implementation time frame	Site Manager	Throughout construction works

6) WASTE & ENERGY MANAGEMENT:

6.1) Declaration & Tables:

Declaration
The client and principal contractor will take all reasonable steps to ensure that: (a) all waste from the site is dealt with in accordance with the waste duty of care in section 34 of the Environmental Protection Act 1990 and the Environmental Protection (Duty of Care) regulations 1991 (b) materials will be handled efficiently and waste managed appropriately
Signatures

Waste type	Quantity (m3 or tonnes)							
	Reuse on site	Reuse off site	Recycling on site	Recycling off site	Other form of recovery on site	Other form of recovery off site	Sent to landfill	Other disposal
Estimates								
Inert								
Non-hazardous								
Hazardous								
Totals (m3 or tonnes)								

Actual								
Inert								
Non-hazardous								
Hazardous								
Totals (m3 or tonnes)								
Difference between estimates and actual								

6.2) Energy

Type	Start of Project	Start of Project	Consumption
Electric			
Gas			
Fuel - Diesel			
Fuel - Petrol			
Water			

6.3) Pre-Demolition Audit

The audit will encompass the key criteria below:

1. Identification and quantification of the key materials where present on the project (see Table 10.3 below, page 23).

2. Potential applications and any related issues for the reuse and recycling of the key materials in accordance with the waste hierarchy.

3. Opportunities for reuse and recycling within the same development.

4. Identification of local reprocesses or recyclers for recycling of materials.

5. Identification of overall recycling targets where appropriate.
6. Identification of reuse targets where appropriate.
7. Identification of overall landfill diversion rate for all key materials.

6.4) Demolition Audit and Re/Upcycle Opportunities:

Faircloth Construction Ltd, have identified that the following opportunities for upcycling/ recycling exist for this particular project:

1) All MOT Type one excavated can be reused on site and not sent for disposal.

2) Concrete/ Hardcore/Muck away can be reused/ upcycle, either crushed on site or sent off site for recycling/ crushing and reuse.

3) All Soft Floor Coverings, Gypsum and Packaging can be segregated and sent off site for recycling/ upcycling.

4) All metals can be separated/ segregated and sent off site for recycling.

5) Any wood can be separated/ segregated and sent off site for recycling.

6) Any glass/ glazing can be segregated and sent off site for recycling into secondary aggregate.

7) Bricks and blocks can be separated and sent of site for recycling into secondary aggregate.

Table 10.3 Construction waste groups

European Waste Catalogue	Key group	Examples
170102	Bricks	Bricks
170101	Concrete	Pipes, kerb stones, paving slabs, concrete rubble, precast and in situ
170604	Insulation	Glass fibre, mineral wool, foamed plastic
1501	Packaging	Paint pots, pallets, cardboard, cable drums, wrapping bands, polythene sheets
170201	Timber	Softwood, hardwood, board products such as plywood, chipboard, medium density fibreboard (MDF)
1602	Electrical and electronic equipment	Electrical and electronic TVs, fridges, air-conditioning units, lamps equipment
1301	Oils	Hydraulic oil, engine oil, lubricating oil
1703	Asphalt and tar	Bitumen, coal tars, asphalt
170103	Tiles and ceramics	Ceramic tiles, clay roof tiles, ceramic, sanitary ware
1701	Inert	Mixed rubble or excavation material, glass
1704	Metals	Radiators, cables, wires, bars, sheet
170802	Gypsum	Plasterboard, plaster, fibre cement sheets
170101	Binders	Render, cement, mortar
170203	Plastics	Pipes, cladding, frames, non-packaging sheet
1705	Soils	Soils, clays, sand, gravel, natural stone
Most relevant EWC	Liquids	Non-hazardous paints, thinners, timber treatments
Most relevant EWC	Hazardous	Defined in the Hazardous Waste List (HWL) of the European Waste Catalogue (EWC)
Most relevant EWC	Floor coverings (soft)	Carpets, vinyl flooring
Most relevant EWC	Architectural features	Roof tiles, reclaimed bricks, fireplaces
170904 (Mixed)	Mixed or other	Efforts should be made to categorise waste into the above categories wherever possible.

PROJECT: UNIT 5, COMMERCE WAY, LANCING, WEST SUSSEX, BN15 8UP

EWC Code	*Key Group*	*Estimate (Tonnage or m3)*	*Actual (Tonnage or m3)*	*% Diverted or Re-used*
170102	*Bricks*			
170101	*Concrete*			
170604	*Insulation*			
1501	*Packaging*			
170201	*Timber*			
1602	*Electrical and Electronic Equipment*			
1301	*Oils*			
1703	*Asphalt and tar*			
170103	*Tiles and Ceramics*			
1701	*Inert*			
1704	*Metals*			
170802	*Gypsum/Plaster*			
170101	*Binders*			
170203	*Plastics*			
1705	*Soils*			
Most Relevant EWC	*Liquids*			
Most Relevant EWC	*Hazardous*			
Most Relevant EWC	*Floor coverings (soft)*			
Most Relevant EWC	*Architectural Features*			
170904	*Mixed or Other*			

7) TRANSPORT, SITE LOGISTICS AND SET UP:

7.1) Logistics:

All plant and machinery are to be inspected every seven days and the findings logged in the inspection register. Only plant in complete working order, including warning lights, mirrors and audible reversing aids is to be used. Any faults are to be repaired prior to the equipment commencing work.

7.1.1) Plant Operatives/ Site Personnel:

All plant operatives are to hold the correct certification for the item of work equipment they intend to use. The operatives must also prove their competence to the Site Manager or assistant. All operatives are to adhere to the illustrated Construction Logistics Plan and the rules of the site. Any problems must be brought to the attention of the Site Management immediately.

All site personnel will wear high visibility clothing, hard hats and safety boots at all times. All drivers of delivery vehicles will be expected to comply with this requirement when working on site.

7.1.2) Pedestrians

All pedestrians arriving at the site are required to first report to the site office. They will only be permitted to enter the site if they are wearing appropriate Personal Protective Equipment (P.P.E) and have either been indicted or are escorted with one of the site staff at all times.

All pedestrians, be they sub-contractors, visitors or part of the Faircloth Construction Ltd team are to be informed of the Construction Logistics Plan and be advised to use the allocated pedestrian routes as much as is practicable. Extreme care should be taken when diverting from the said routes. High visibility vests or coats should be worn at all times. Designated crossing points will be installed across the site where possible.

7.1.3) Vehicle/ Pedestrian Routes:

A site speed limit of 5mph will be set on site. Signs will be erected on vehicle routes denoting this. For specific vehicle/pedestrian routes please refer to the Construction Logistics Plan displayed in the site office/canteen.

Pedestrian routes will be created along main access routes with pedestrian barriers and crossing points installed to demarcate areas.

Contractors and sub-contractor’s staff will be advised to vehicle share to use public transport where possible.

Access and egress to the neighbouring unit will be maintained at all times for employees, customers and deliveries. Clear access and egress points including emergency exits shall remain free and unblocked at all times whilst the units are occupied and trading.

Any works that may impede or obstruct clear access or egress including emergency exits from the neighbouring unit, shall be completed outside of the trading units opening hours, when the unit is not occupied and with clear prior agreement from the Project Manager.

7.1.4) Reversing of Vehicles:

A proposed area for car parking is to be available for use on site. All vehicles must park legally and not block access/ egress routes at any time.

The reversing of vehicles over long distances is to be avoided where possible. Vehicles will be guided into the site by the trained Banksman and will turn the vehicles on the designated turning point on site before leaving onto the public road system.

7.1.5) Monitoring and Review:

The pedestrian routes, signage and traffic movement will be monitored on a daily basis by the Site Management.

There will also be an operative put in place that will have the responsibility of maintaining the pedestrian barriers and ensuring the routes are kept free from hazards, they will also replace any damaged signage. The Site Manager will also inspect the routes during his daily site inspection.

7.1.6) Informing the Workforce:

This plan together with the layout drawings will be located in the site office and canteen. The Site Manager will make reference to them in the site induction and above personnel will also be kept updated with any changes to the plan.

7.1.7) Deliveries

All delivery drivers are to only attend site at pre-arranged delivery times as agreed with the Site Manager 24 hours in advance. Delivery drivers are to contact Faircloth prior to attempting to access site.

Delivery drivers are requested to contact Site Management via mobile phone prior to attempting to access site. Any delivery drivers attending site outside of their pre-arranged time slot may be turned away. All deliveries will be accompanied onto site by a Faircloth Construction Ltd representative.

The site plan included in previous sections of this document shows the location of the site in relation to the nearest highways and the access point to the site.

Access to site will be via the direct access/ egress points with Abbey Road and must be left unobstructed at all times.

Deliveries will be undertaken outside rush hour times and arrangements for deliveries will be monitored.

Lorries will be permitted on site as space allows. Lorries will enter the site and will turn the vehicles on the designated turning point on site before leaving onto the public road system.

Traffic Marshalls will control access and egress from the site.

Reversing of vehicles will be avoided however, if reversing is required, a qualified Banksman will be in attendance.

All deliveries will be unloaded on site only unless prior consent has been given by the Site manager.

Vehicles will avoid blocking or causing unnecessary congestion on the Abbey Road and the surrounding roadways

Deliveries will be Monday to Friday from 08:30 hrs to 16:30 hrs but mainly between 10.00 and 15:30.

No vehicle after entering the site will be unloaded without prior authorisation from the Site Manager. During unloading of vehicles, workers will be segregated from the area concerned as far as practicable and only properly trained personnel using certified machinery and equipment would instigate this process.

Drivers of vehicles entering or leaving the site should not impede or endanger traffic or pedestrians along the shared access/ egress with Commerce Way and the surrounding roadways. All drivers of vehicles on site will observe the speed restriction signs, and any instructions issued by the Site/ Contracts manager.

7.1.8) Waste Removal:

All vehicles leaving the site will have their wheels jet-washed where required. Additionally, on a regular basis, and as and when necessary, the company's road sweeping vehicle will clear the road of any debris in the vicinity of the site.

Vehicles carrying waste from the site will be covered as necessary, in order to prevent dust nuisance or debris falling.

To prove the correct depositing of excavated material and to prevent the occurrence of fly tipping, a ticket system will be operated at the site. We shall provide when requested by the Local Authority, a sequentially numbered system to confirm each load of spoil has been deposited/ disposed of at an approved licensed site.

We shall also ensure that fly tipping by others does not take place on the site by ensuring adequate site security in the way of hoarding and fencing.

7.1.9) Material Movements:

All Material movement on site will be via a fully tested and inspected plant, operated by a C.P.C.S trained person.

Storage areas will be provided and materials will be kept in a safe and orderly fashion.

7.1.10) Mud on Roads:

This is regarded as one of the main logistical nuisance problems as well as an environmental issue arising from construction sites. We will therefore confirm that we will take strict measures to mitigate this potential problem

These will include as per the plans enclosed with this document:

- The provision of easily cleaned hard standing for vehicles entering, parking and leaving site.

- The provision of wheel washing facilities via a powered jet washer

- The use of mechanical road sweeping to clean the public Highway adjacent to the site i.e., Commerce Way

7.1.11) Vehicle Emissions – Compliance to Standards:

Vehicle emissions are regulated through the Road Vehicles (Construction and Use) Regulations (as amended), and the Motor Vehicles (Great Britain) Regulations made under the Road Traffic Act 1988. Further amendments implement the European Directives on vehicle emissions known as the EURO standards. The Euro standards set emission limits for several pollutants from different types of vehicles.

Construction vehicles will be required to comply with relevant EURO standards. Drivers will be required to:

- Switch off their vehicle's engine when stationary to prevent exhaust emissions (and noise). An authorised person may request a driver to switch off their engine.

- Keep their engines in tune and their catalysts working efficiently. In practice emissions are controlled through the MOT.

All vehicles used by Faircloth Construction Ltd will comply with MOT emission standards at all times. Vehicle owners can be prosecuted if their vehicle emits substances in excess of the standards. The Vehicle Excise Duty (reduced pollution) Regulations 1998 enable HGV's meeting certain particulate emission standards to qualify for a Reduced Pollution Certificate.

7.1.12) Non-Road Mobile Machinery (NRMM).

Dust and emissions created through the use of N.R.M.M. will be managed through PM2.5 & PM10 monitors set up at various points throughout the project. Dust created through the movement and use of machinery will be supressed using onboard and secondary dust suppressant methods.

All NRMM machinery onsite will meet the required engine stage code as set out in the NRMM Practical Guide v.4 for the Greater London area of stage IIIA or higher.

All unnecessary idling, running or moving of machinery will be kept to a minimum to reduce the creation of exhaust emissions and dust creation.

All machinery onsite will undergo daily inspections by the operator, regular service intervals (500hrs) and annual thorough inspections. Any machinery viewed to be seen creating unnecessary environmental emissions (black smoke, engine oil leaks, hydraulic oil leaks etc) will be shut down until repairs have been carried out and any defects repaired.

7.2 Parking:

We do not envisage any major disruption during the construction works to the surrounding properties and businesses.

Use of public transport to site is to be encouraged wherever possible, there are train and bus routes available within walking distance of the site and details of these will be made available to site operatives upon induction.

For those that have to come to site by car or van, vehicle sharing will be encouraged to reduce the number of vehicles brought to site. Sufficient parking in agreement with the Client and Project Team is available within the site. This car park will be constantly monitored for suitability and the size adjusted according to need. All parking bays will be reverse parking bays. Parking off site will be strictly prohibited.

The Contracts Manager and Site Manager will make themselves known to the local residents so that there can be clear line of communication and liaison while the project is ongoing.

7.3 Materials Deliveries and Storage:

Wherever possible it is Faircloth Construction Limited's policy to only use transport companies that are members of C.L.O.C.S. and F.O.R.S. All deliveries are to be planned at least forty-eight hours in advance to ensure that the best and most appropriate route to site is planned, that the correct type and size of vehicle is used and to ensure that safe clear level storage areas are prepared for materials to be unloaded to.
All delivery vehicles will be escorted on and off site by a banksman and the public roads will be inspected regularly and kept free from dirt and debris at all times.

Materials are never to be stored above the height of the hoarding. Any deliveries made without proper notice or by in appropriate vehicle will be turned away from site. Site contact number display boards and signage will be erected to inform deliveries of whom to contact for access and the route to the site entrance.

7.4 Site Hours for Deliveries:

As point 7.1.7, The site will operate Monday to Friday 08:00am to 6:00pm, and Saturday's 09:00am to 1:00pm, no deliveries will be made outside of these hours. In order to reduce the impact on local traffic deliveries between 8:00am – 9:00am and 3:00pm – 4:00pm will be avoided wherever possible to avoid clashes with local school traffic

7.5 Site Welfare Arrangements:

The welfare arrangements for site operatives will be as follows:

Compound, consists of Double stacked Office/ Meeting Room over Canteen and Drying Room over Storage Container, and 2+1 Lavatory Unit all supplied with temporary power and water.

Continuous 2.4m high Temporary Hoarding, Screens, Barriers and warning notices as necessary will be erected to segregate the work activities from site employees and visitors. This will be double lockable with vehicular access gates. Secure pedestrian access is also to be provided adjacent to the vehicular to access the compound.

Welfare facilities must not be abused and must be kept in a clean hygienic condition at all times.

Eating and drinking will only be permitted within the confines of the welfare area

7.6 Site Fire and Emergency Procedures:

All site personnel and contractors are to follow the site emergency procedures which will be explained on induction and are displayed at prominent locations at the site.

Escape routes and exits will be kept un-obstructed and free at all times.

Adequate temporary fire protection will be provided for each area of the works. Fire extinguishers are to be located beside the Site Office and points of entrance and egress from the site. Where Hot Works are taking place, additional Fire Control measures will be provided prior to work commencing e.g., cutting/ welding.

No smoking will be allowed on site.

Specific site fire prevention and emergency procedures are detailed at section 5 of the Construction Health and Safety Plan Part 2 for the project.

Adequate and easily accessible First Aid facilities will be provided as required by the relevant Regulations, refer to section 6 of the Construction Health and Safety Plan Part 2 for the project.

7.7 Induction Training:

Safety induction talks will be organised for all site operatives, which where practicable, will be held on the first day of an individual's presence on site.

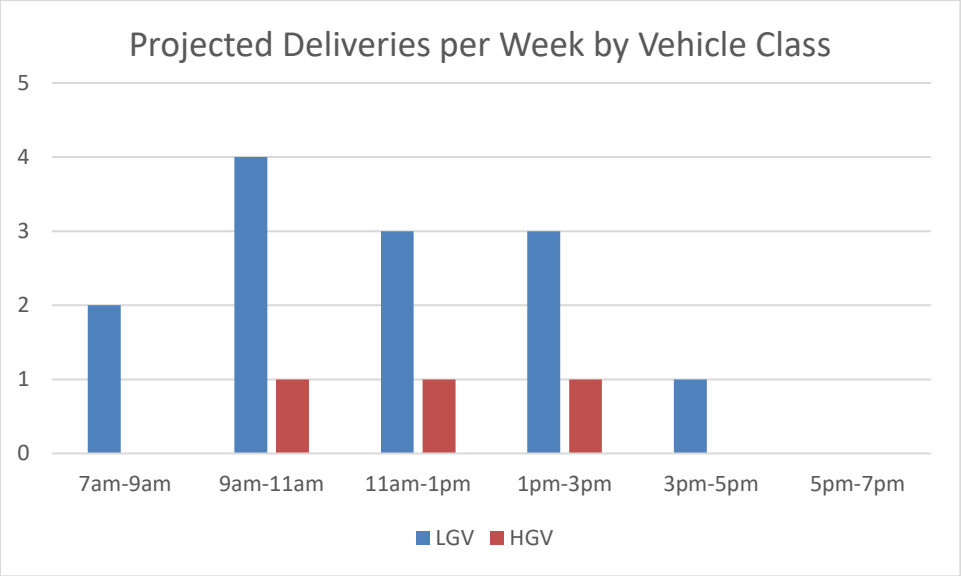
The Site Induction will be undertaken by the Site Manager with records maintained of all personnel who have attended.

The induction will include details of the following: -

- The contract Health and Safety Management Plan.
- The hazards likely to be found in the areas in which they will work.
- Risk Assessment and Methods of work.
- Personal Hygiene and Site Controls/ Procedures for Covid-19.
- Duties and responsibilities while working on this Contract.
- The need for co-operation and co-ordination during their time on site.
- Advice on the emergency information procedures.
- Environmental aspects and impacts that affect the site operation.
- Waste Management Plan and their duties.
- Construction Phase Health, Safety & Environmental Plan.
- Spillage procedure and location of spill kit.
- Dust suppression techniques and suitable P.P.E as described in section 7.7.
- Working adjacent to overhead power lines.

7.8 Site Vehicle Movements Forecasting

7.8.1 Delivery Forecasting



Appendix A: Table representing weekly delivery forecasting over the course of the job

Deliveries are only to be permitted onto site between the hours of 8am and 5pm and are to be prearranged 24 hours in advance.

Deliveries are to be avoided where possible between the hours of 8am-9am and 3pm-4pm to avoid the clash with neighbouring school traffic and rush hour, therefore reducing local disruption.

As shown by Appendix A, we expect 13 LGV deliveries per week and 2 HGV deliveries per week.

7.8.2 Contractor Forecasting

At the time of writing programme is yet to be finalised however it is anticipated that there will be 12-18 men (average 15) on site per day, 5 days per week, across the duration of the project.

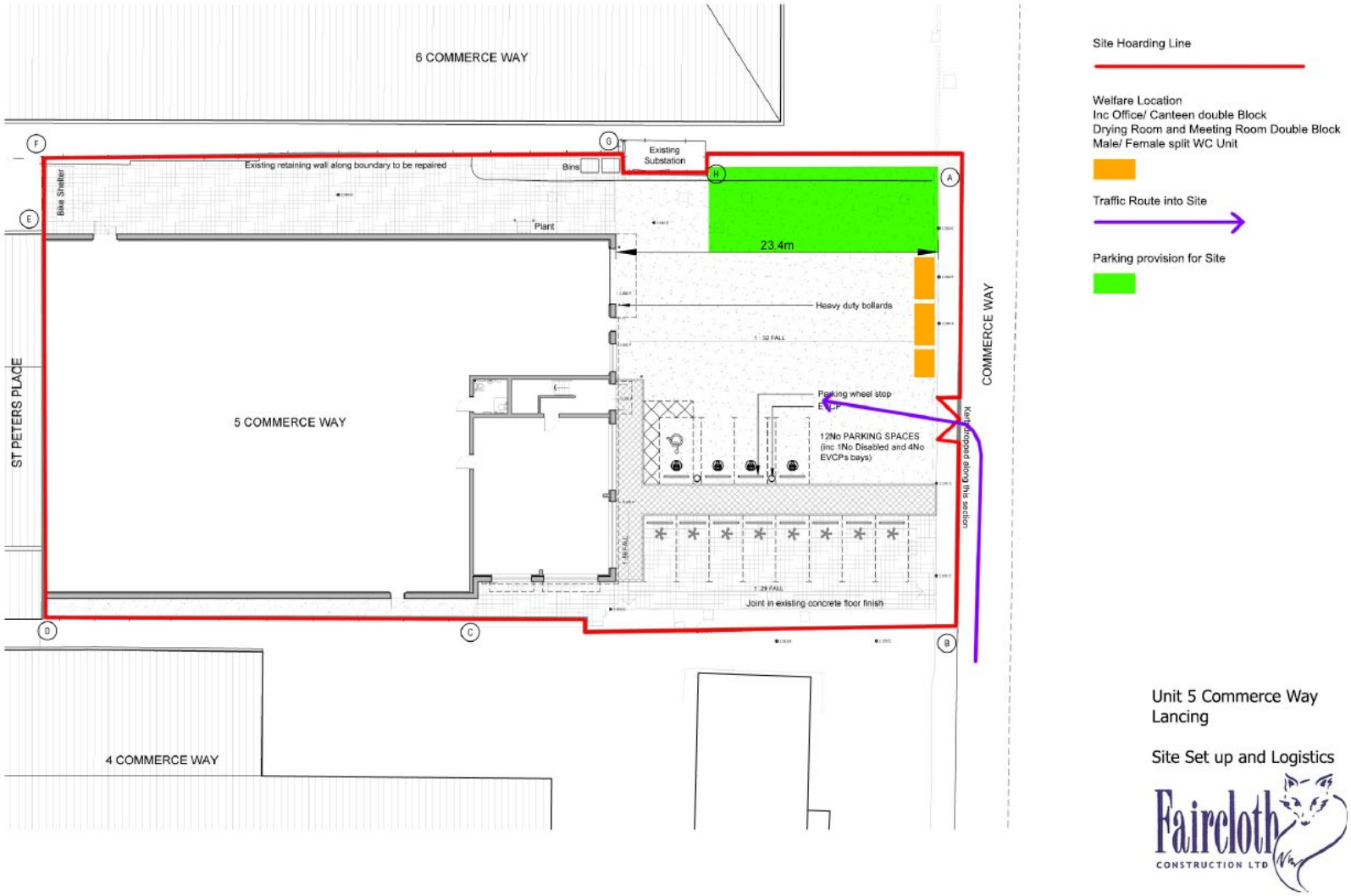
Of the anticipated 15 men on site per day, we forecast 90% would use cars/vans and 10% would use train. However, due to car sharing policies we expect around 6 vehicles on site per day, inclusive of the site manager's vehicle.

Additional journeys created would include, but not be limited to:

- Contracts Manager – 1 visit per week, by car.
- Junior Quantity Surveyor – 1 visit per week, by car.
- Health and Safety Representative – 1 visit per month, by car.

PROJECT: UNIT 5, COMMERCE WAY, LANCING, WEST SUSSEX, BN15 8UP

7.9 Site Set Up and Traffic Management Drawing:



8) COMPLAINTS:

It is important that member of the public or interested parties are able to make valid complaints about the construction works. Such complaints can provide a valuable feedback mechanism to which helps to reduce potential impacts on sensitive features and will also allow the construction techniques to be refined and improved.

Faircloth Construction Limited complaints procedure is as follows: -

- Contact details for the company and site to be displayed in prominent positions on the site hoarding.
  Office Telephone: - 01892 784488, 8:00am – 5:00pm, answerphone service outside of these hours.
  Site Manager & Out of Hour's: - Tomas Janusas: 07725 900719, 7:00am – 9:00pm
  Construction Director: - Ben Whitewood: 07754 207529, 7:00am – 9:00pm
  Director Responsible: - Darren Faircloth 07836 656195, 7:00am – 9:00pm
- When receiving a complaint Faircloth Construction Ltd staff, are always courteous, understanding and considerate.
- Faircloth Construction Ltd staff are, to take the name, telephone number and email address of the person/persons making the complaint.
- Faircloth Construction Ltd staff are to carefully record the details and the nature of the complaint.
- Faircloth Construction Ltd staff are, to offer to mitigate the complaint if possible and carefully explain what action is being taken to the complainant.
- Faircloth Construction Ltd will aim to mitigate complaints as soon as practically possible on the day of complaint. No complaint is to be unresolved after 24 hours.
- Faircloth Construction Ltd staff are, to telephone the complainant a few days after the complaint was made to ensure that they are happy with the actions taken.
- If the complaint is of a nature that cannot be dealt with at site level, Faircloth Construction Ltd staff are, to inform their Line Manager immediately for instruction on what action to take. Complaint procedure structure is as follows: -
  Operative, then
  Foreman, then
  Site manager, then
  Contract's manager, then
  Director
- All complaints, resolutions, actions are to be recorded and filed in the on-site using the standard forms. These records will be made available upon request.
- All complaints will be reported at monthly site progress meetings under the "Neighbourly Matters" section.

Appendix A – Faircloth Construction Limited Environmental Policy



103.5.pdf