



WILLMOTT DIXON

SINCE 1852

Construction Environment Management Plan

Enabling Works

Prepared By :

Lucie Gresham - Hill



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INTRODUCTION

This Construction Environmental Management Plan (CEMP) has been produced by Willmott Dixon Construction Ltd (WDC) who have been appointed by Kirklees Council to deliver the regeneration of Huddersfield Market. This document is to provide an overview of the procedures which will be adopted to manage the construction and environmental impacts of this development .

The sequencing and logistics which have been pre-planned by the WDC team are also addressed through this document . We have used our knowledge of the site and experience on similar projects to develop this plan and demonstrate our ability to deliver this scheme in a safe and efficient manner.

DEVELOPMENT OVERVIEW

The project comprises the regeneration of the existing Grade II* listed cast iron market hall and the adjacent annexe building, along with wider improvements to the adjacent market yard and public realm.

SITE LOGISTICS & SEQUENCING OVERVIEW

Phase 1– Temporary Market Stalls

The Perimeter Hoarding will be erected initially to secure the site boundary to segregate the works from the public to enable the full site setup to be established including gates & site entrances safely in parallel with early site activities.

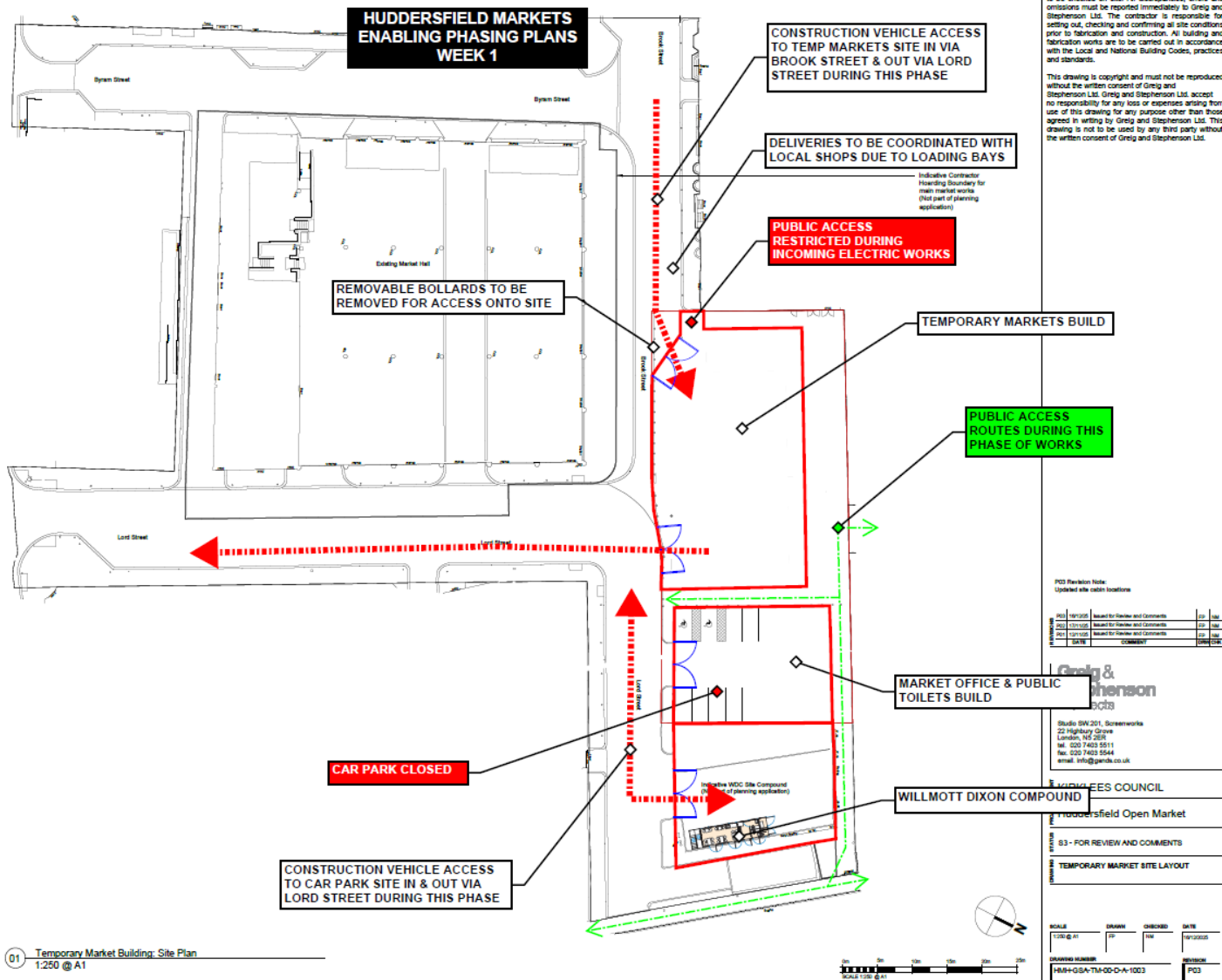
During the first few weeks, WDC will install heras fencing and land temporary welfare. The temporary market will then be erected and services connected . WDC will also erect the hoarding for the main compound and install foul water drainage. Once the site is fully secured, WDC will carry out trial holes to locate the positions of any underground services within or near the site boundary .





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scale from this drawing. All dimensions and levels are to be checked on site. All discrepancies, errors and omissions must be reported immediately to Greig and Stephenson Ltd. The contractor is responsible for setting out, checking and confirming all site conditions prior to fabrication and construction. All building and fabrication works are to be carried out in accordance with the Local and National Building Codes, practices and standards.

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PC3 Revision Note:
Updated site cabin locations

NO.	DATE	BY	REVISION
001	19/12/20	MM	Issue for Review and Comments
002	19/12/20	MM	Issue for Review and Comments
003	19/12/20	MM	Issue for Review and Comments
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Greig & Stephenson
Architects
Studio 201, Screenworks
22 Highgate Grove
London, N3 2EH
Tel: 020 7403 5511
Fax: 020 7403 5544
email: info@greigandstephenson.co.uk

HUDDERSFIELD COUNCIL
Huddersfield Open Market

STATUS: B3 - FOR REVIEW AND COMMENTS
PROJECT: TEMPORARY MARKET SITE LAYOUT

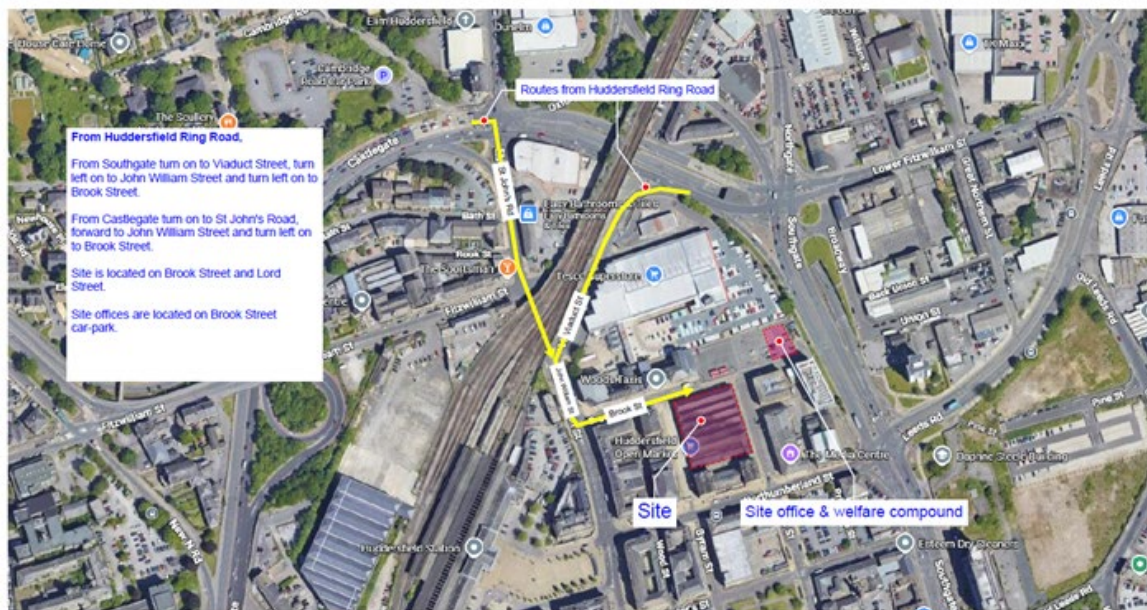
SCALE	DRAWN	CHECKED	DATE
1:250 @ A1	MM	MM	19/12/20
DRAWING NUMBER			
184-HQSA-TM-00-D-A-1003			
			PG3

01 Temporary Market Building: Site Plan
1:250 @ A1

VEHICLE MANAGEMENT

Following discussions with the local authority, WDC will ensure that our supply chain partners and suppliers use the below designated transit route for deliveries. The site access route below will ensure that all site traffic is diverted away from current ongoing & planned road works, ensuring traffic flow is not further restricted. This route will be communicated to all our Supply chain Partners and will form part of the sub-contract orders to ensure the designated route is utilised at all times.

Routes towards site.



Routes away from site.



VEHICLE MANAGEMENT CONT.

During the enabling works, there will be a small number of pre-arranged deliveries. For all deliveries, there will be a WDC employee coordinating and accepting delivery. The tracking for deliveries is shown below. Due to market restrictions, we may need to arrange deliveries outside of working hours.



There is sufficient parking available in the surrounding area for the anticipated workforce and visitors to site. There are multiple nearby available carparks that can be utilised. As part of the WDC Induction, we will encourage car / van share, use of public transport and cycle to work as facilities which will be available in the site compound ..

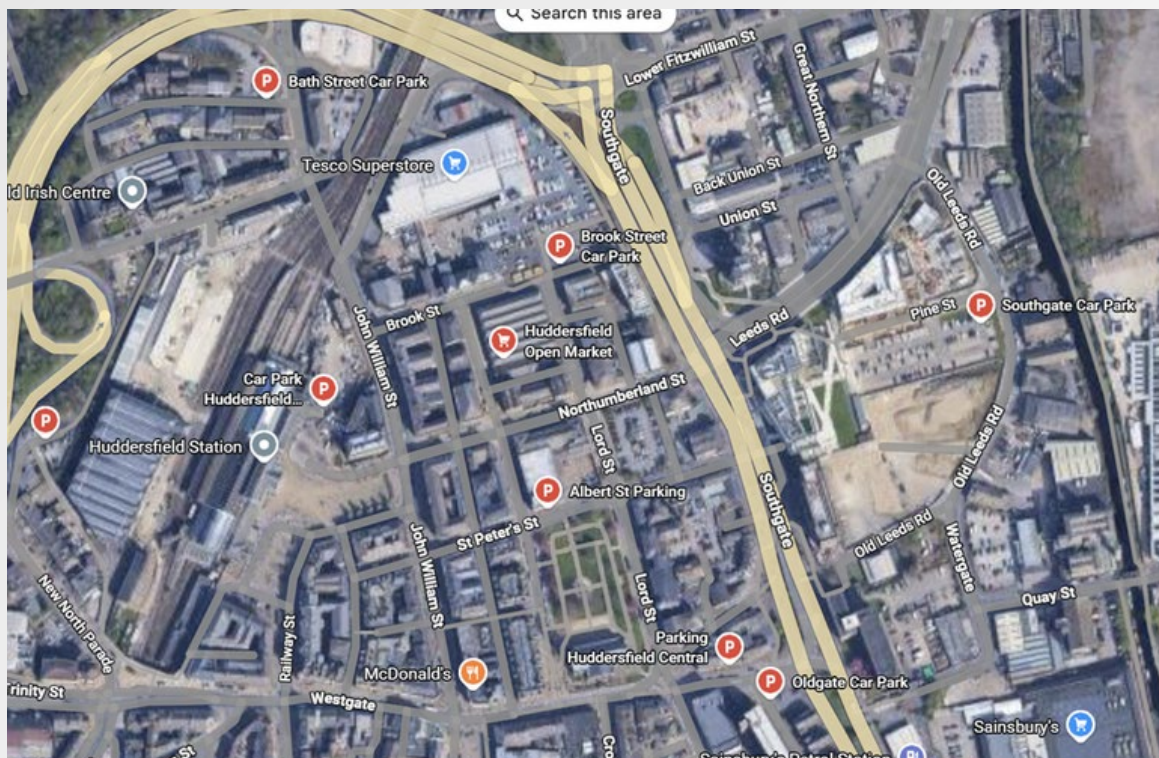
WDC will look to agree access to the parking facilities in the surrounding areas for our Supply chain partners to ensure they are made aware and utilise the designated parking facilities. This information will be included within the subcontractor's orders, it will form part of the pre-contract meeting and will be included within the WDC Site induction .

The boundary we take control of will have no effect on the on the current fire evacuation plan of the market.

Wheels will be cleaned prior to leaving site, using a combination of clean stone/tarmac areas; jet washing wheels and manual brushing as required...however, road sweepers will be used to maintain the cleanliness of the highways.

VEHICLE MANAGEMENT CONT.

The below extract highlights potential parking facilities which WDC would look to utilise if available for the duration of the project for parking. The number of parking spaces available within the local surrounding public car parks is sufficient to accommodate the maximum number of operatives and vehicles anticipated at peak times during the enabling works.



Local labour will be utilised to reduce travel omissions. Bus timetables and travel routes will be shown on the noticeboards and highlighted in site inductions. Furthermore, the provision of a cycle shelter for operatives further indicates our aim for promoting the cycle to work scheme.

DELIVERIES & UNLOADING OF MATERIALS

WDC implement a booking in system across all sites for site deliveries with agreed timeslots for deliveries confirmed in advance to ensure all deliveries are accommodated . This is communicated through daily site co-ordination meetings with the key site operational management team which also assists with the management and co-ordination of on-site logistics.

This procedure will facilitate :

- Planned and coordinated Deliveries.
- Deliveries to the correct Gate No.
- Prevention of double-booking
- Proactive traffic management
- Management of zones for off -loading
- Efficiency of waste material removal

Our supply chain partners will be encouraged to deliver outside of peak traffic times to assist with an efficient vehicle management process and reduce any impact on the local businesses We will adopt a “just in time” delivery strategy with our supply chain partners to minimise any storage on site and traffic congestion .

All site activities, deliveries and offloading of materials will be contained within the confines of the site boundary as detailed on our logistics plan and we will endeavor to coordinate deliveries wherever possible to quieter periods when the market is less busy, in agreement with the market operator .

Any out-of-hours deliveries will be coordinated jointly between the WDC team and the market management team to ensure smooth, well-communicated operations .

ERECTION AND MAINTENANCE OF SECURITY HOARDING

Prior to commencement of any works hoardings will be erected to the full perimeter of the site in accordance with the logistics plan. WDC will ensure that the hoardings are inspected daily and maintained for the duration of the Works.

All areas of the construction site will be clearly marked & kept secure at all times from members of the public and/or non-construction vehicles. Temporary Heras type fencing will be utilized during initial weeks during the site establishment works.

All hoardings will be visually inspected as part of site inspections and remedial works/repairs carried out as required to ensure the safety of all site operatives and public road users.

It is necessary we use Heras rather than solid hoarding, as during the enabling works the hoarding will have to move regularly to maintain Tesco access and fire exits to nearby shops. Due to being adjacent to the market, any deliveries will be coordinated by WDC site team and banked into site, keeping pedestrians clear of the area. Outside of deliveries, construction traffic will be minimal.

Hoarding Risk Assessment Control Measures In Place:

- Secure installation using couplers and feet to prevent panels being pushed or blown over.
- Daily checks by the site team to ensure panels remain secure, aligned, and undamaged.
- Clear pedestrian routes maintained with no fence feet protruding into walkways; use low-profile feet where space is tight.
- High-visibility signage indicating “Construction Site – Keep Out”, directional arrows, and hazard warnings.
- Traffic management plan ensuring market delivery vehicles do not strike fencing.
- Out-of-hours security such as locks and CCTV.
- Emergency access maintained with clearly marked gates and no obstruction to market evacuation routes..
- Safe installation method including manual handling controls and PPE for operatives.

LIGHTING PLAN

Willmott Dixon operate certain specific controls in relation to temporary lighting and the following arrangements will apply to our site compound and the Market Hall. Night time shutdown procedures will be implemented to ensure the nuisance light is not an issue to our neighbours, ensuring that glare and light spill do not impact the surrounding area. Lighting may still be required at night-time, for safety and security reasons, but these will be restricted to emergency lighting. This should still be kept to a minimum and the local HSE team should be consulted, especially with regards to emergency lighting. There may also be the need for lighting externally on the hoarding for safety purposes.

CONTROL OF NOISE AND DUST

Noise

Willmott Dixon Construction is mindful of the disruptive effect that excessively noisy operations can have on the occupants of adjacent areas and properties. As such we will ensure all our operations comply with all current legislation, guidance notes and codes of practice as appropriate.

Any plant and equipment utilised will be regularly maintained to ensure that noise emissions are kept to a minimum and all operatives will be inducted before commencing works. This induction will include the control of noise, restrictions on plant idling and banking of deliveries to minimise reversing.

No construction noise will be above the lower action level of 80dB (as determined by the Control of Noise at Work Regulations 2015) at nearby properties outside the hours of 07.30 to 18.30 hours Mondays to Fridays & 07.30 to 13.30 hours Saturdays. By agreement there may need to be works on Sundays to avoid key market days. There is also work outside our hoardings on the highway, including drainage, new utilities and services and resurfacing which may need to be completed outside the normal hours, to avoid disruption to the town centre and market operations.

Dust

Where necessary during drier periods water bowsers will be utilised to damp down areas to prevent dust becoming airborne.

Where materials are removed the wagons will either be covered before leaving the site or will be damped down immediately prior to leaving the site.

FIRE PREVENTION

Willmott Dixon Construction will develop a Fire Prevention Plan for the project that will ensure that the possible outbreak of fire will be minimised and in the unlikely event of a fire will ensure the safe egress of all personnel, visitors and public. It would be our intention to have detailed discussions with the relevant Fire Officer in relations to their Fire Prevention Policy. Training in matters affecting the Fire Prevention Policy shall be given to all employees, and other affected parties, as required.

In formulating the Fire Prevention Policy, the following shall be taken into account.

- 1) Assessment of the fire risk during construction by a competent person
- 2) Appointment of a Site Fire Safety Co-ordinator.
- 3) Emergency procedures such as warnings, written procedures, clear access, signage, control and accountability of personnel.
- 4) Fire protections, which take account of construction materials, fire escape, adequate water supplies, and fire hydrants.
- 5) Portable fire extinguishers, adequate number and suitable type made available, located in conspicuous positions, serviced on regular basis.
- 6) Security of site against arson.
- 7) Siting of temporary buildings away from the main areas of construction.
- 8) Storage of flammable liquid and LPG suitable distance from the building in an appropriate enclosure clearly identified and signed.
- 9) Temporary electrical supplies must be installed in accordance with I.E.E Wiring regulations and Electricity at Work Regulations and be regularly inspected.
- 10) Hot work must be conducted on a "Permit to Work" system. Suitable fire extinguishers must be available at the point of work, which must cease one hour before the end of the working shift.
- 11) Clear signs directing site personnel and visitors to safe areas will be displayed.
- 12) Burning of rubbish on site will not be permitted.

The Fire Prevention Plan will be formulated prior to the commencement of any works on site and will be issued to all supply chain partners, the Client and other affected parties. The Fire Prevention Policy will be periodically appraised and updated as necessary to suit the changing phases of the works.

FIRST AID AND PERSONAL PROTECTIVE EQUIPMENT

It is the policy of Willmott Dixon Construction to ensure that adequate arrangements are made for the provision of First Aid and that suitable emergency procedures are implemented at all work sites. A fully equipped first aid cabinet will be provided within the site office establishment and where necessary within each section of the works.

The required number of qualified 'First Aider's will be employed as part of the Project Team and will be available at all times when work is being carried out. The name(s) of the 'First Aider's and the location of the nearest Accident & Emergency Hospital will be clearly displayed adjacent to the first aid cabinets. The Site Manager will regularly check the first aid facilities for adequacy.

Willmott Dixon Construction will provide adequate, suitable protective clothing for their employees, and those with whom they have a contractual agreement to do so.

The Personal Protective Equipment Regulations 2002, as amended, require that an adequate assessment is made of the need for protective equipment, and it is the responsibility of the employing organisation to ensure that adequate supplies of protective equipment (including clothing) are available and issued as necessary to their employees. All such personal protective equipment must comply with the CE mark where applicable. It is the duty of the employing organisation to ensure that PPE provided is compatible with each other and that their employees are trained in the correct use and maintenance of the equipment provided. The employing organisation must also ensure that the PPE provided is properly used, with any loss, defect or misuse reported.

It is the policy of Willmott Dixon Construction that safety helmets, protective footwear, safety gloves, and high visibility vests are always worn by all personnel on site, and there can be no relaxation of this rule. This requirement also applies to all supply chain partners and any other visitors to site. Eye protection and other PPE will be used as part of the safe system of works agreed with each supply chain partner.



SECURITY

Access to site working areas will be strictly controlled by the Willmott Dixon Construction project team and all persons on site will be required to wear relevant PPE at all times. Any person found on site without will be immediately escorted from the site. Willmott Dixon Construction reserves the right to request proof of identity from any visitor and to carry out random searches on any person or vehicle leaving the site. At the end of each working shift the Project Team will tour all working areas to ensure that all access points are secure, and all plant and machinery has been left in a disabled condition and that all small tools and equipment has been locked in the secure storage units. Remote monitoring CCTV: in the event of an activation, the CCTV monitoring centre will identify if people have entered site using the cameras and send an audible alert to the intruders. A security company/key holder will attend site to ensure intruders have left the property. A report will be logged and follow-up actions identified as necessary.

Similarly, should any members of the public approach the site with questions, WDC team members will respond where appropriate or guide them to the correct source of information.

TEMPORARY SERVICES & EQUIPMENT

Wherever possible, works will be carried out with battery powered tools and equipment. Battery charging stations will be provided within the cabin set up for the Supply chain to recharge the tool batteries. All temporary power and lighting systems will be installed and tested and maintained by a suitably qualified electrical contractor.



WASTE REMOVAL

WDC will be responsible for the management of waste on the site. Adopting the principles of the waste management hierarchy will prioritise waste minimisation, re-use of materials and recycling over disposal to landfill. A Site Waste Management Plan (SWMP) will be completed to reduce the amount of waste produced during a project by setting out how materials, and any resulting waste, will be managed. The plan is a live document and will be updated during the construction process to record and confirm how materials are reused, recycled, or disposed.

Willmott Dixon Construction will employ a specialist waste recycling company to remove and recycle all waste generated. Their certification will be checked on the Environmental Agencies Public Register. Waste Transfer Notes are issued and signed by WDC and the waste carrier to comply with 'Duty of Care'. All non-hazardous non-recyclable waste will be disposed of at a registered tip approved by the Waste Regulation Authority. All hazardous materials and their containers are to be disposed of by using sealed lockable waste bins, removed from site in a safe and competent manner, as approved by the relevant Waste Regulation Authority and in accordance with current legislation.

No burning of waste will be permitted on or within the vicinity of the site. Willmott Dixon Construction's Site Manager will be responsible for ensuring that all waste is disposed of in a safe and competent manner using only approved, appropriate tips, and will retain all waste transfer documentation on site for audit purposes. Labour will be provided to maintain the general cleanliness of the site. Individual supply chain partners will be responsible for maintaining their own working areas and operations in a clean and safe condition.

Council Waste Collection

During the enabling works, the parking area currently used for the bin collection service to turn around in will be accessible still.

SITE WORKING HOURS

The normal site working hours for the contract will be Monday to Friday 7.00 am to 6.00 pm (with people arriving on site from 06.45hrs). Saturday working may be required between 07.00 hrs- 16.00 hrs. There may also be requirements for weekend or night working, but this will be notified to Kirklees Council prior. There may also be the need for works that go into the night such as concrete finishing, but these works will also be communicated.

Due to market schedules, there may be the need to deliver outside of these working hours.

Ecology and Biodiversity

For this project, a Preliminary Ecological Appraisal (PEA) was undertaken (ref: 60613541) - please refer to this document the findings of which are summarised below.

The PEA was commissioned to identify whether there are known or potential ecological receptors (nature conservation designations, and protected and notable habitats and species) that may constrain or influence the design and implementation of the redevelopment of the site.

A desk study to collate existing records of protected sites and species, and a Phase 1 habitat survey was undertaken. The information gained from the desk study and Phase 1 habitat survey was used to determine the likely ecological value of the site, the potential for protected, notable and invasive species to be present and to direct any more specific survey work which would need to be carried out prior to the submission of a future planning application.

The Site comprises hard-standing and buildings. Two buildings within the Site have low bat roost suitability. Prior to demolition or works to these structures it was deemed necessary to undertake a dusk emergence or dawn re-entry survey to determine whether these buildings support roosting bats. This survey was required to be undertaken between May and August inclusive. If the presence of roosting bats be recorded, additional surveys would be required to determine species of bats and type of roost.

A Bat Emergence Survey was subsequently undertaken (Ref: 22853/AWe) which confirmed a negligible potential for roosting bats for the Market Hall and a low potential for the market offices (annexe building). The report went on to confirm that 'As bats have not been confirmed to be roosting at Huddersfield Open Market, a Bat Mitigation License from Natural England, is not required. Bats do not pose any constraint to the development of the market'.

The PEA also confirmed that the buildings may provide habitat for nesting birds, no dedicated surveys were required, however it was recommended that removal of this habitat should be undertaken outside of the period March to August inclusive when bird species are likely to be breeding. If this was not possible, the buildings should be checked for active nests by a suitably qualified ecologist/ornithologist no more than 24 hours prior to clearance. If active nests are found, they must be retained and remain undisturbed until an ecologist has confirmed that the young have fledged.

The documents will be reviewed regularly in line with the project developments to ensure compliance is maintained throughout the project.

COMMUNICATION

WDC will aim to minimise disruption during construction operations, continually considering the potential impact that the works may have on the local residents and businesses. Mitigation measures will be put in place to ensure traffic movements to the surrounding area remain fluid and are not disrupted as a result of site activities. Such as:

- Pre-Planning & booking of site deliveries to ensure no standing site vehicles on the surrounding highways
- Full time site entry attendants / banks person to ensure vehicles are escorted immediately to and from site and not on the adjacent roads.
- Advanced warning notices of temporary road closures and diversions.

WDC will look to maintain regular lines of communication with local stakeholders, nearby contractors, residents and businesses through letter drops where required and also a community notice board with regular updates on planned works including details of potential temporary disruption and progress updates related to the scheme.

In the event that disruptions occur despite mitigation efforts, the project team will take responsive actions to address concerns promptly. They will be receptive to feedback from the community. The team will prioritize safety during all construction activities and the safety of the surrounding area will be a top priority, with safety protocols strictly adhered to throughout the project.

Communications with the public will be via online newsletters and letter drops to be confirmed by client.



Revisions

Rev 1 – LGH 290426

Rev 2 – LGH 050526

Rev 3 – LGH 060526 (with RW and Architect comments incorporated)

