
Construction Engineering Management Plan, Construction Traffic Management Plan & Method Statement



WILLMOTT DIXON

SINCE 1852

The Seam Redevelopment, Barnsley

Rev	Changes	Date
01	Draft Issue	February 2025
02	Draft Issue	22/04/2025
03	Final Issue	23/04/2025

This outline method statement indicates our proposals for undertaking the re-development of the Lower Seam Car Park, Barnsley.

This statement is to be read in conjunction with the programme and site logistics plans, which detail our intended site set up proposals and sequence of working.

General Construction of the Work

The works will be constructed in the manner and sequence indicated within the tender documentation, and in accordance with Willmott Dixon Construction's company policies.

The initial works to site will comprise of fencing off the proposed perimeter of the construction boundary, setting up the offices and welfare along with on-site parking area for construction operatives.

The plan has been agreed with Barnsley Council project team, along with the Barnsley Council Car Parking team and Barnsley Highways team. The layout maintains access to the Upper Seam car park, the Digital Media Centre and other businesses on County Road.

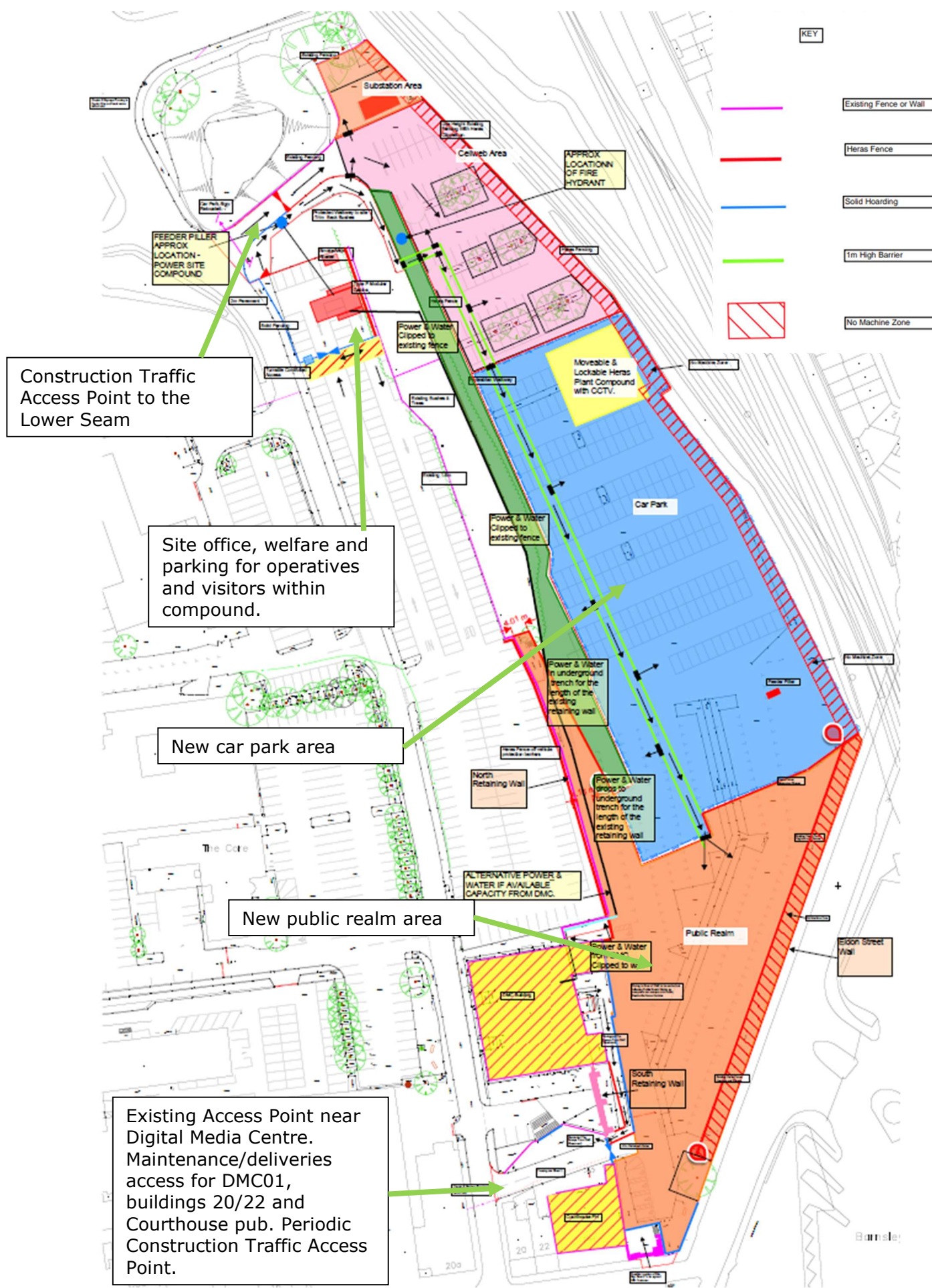
We have agreed work methods and access points with Network Rail to ensure they can continue to use the emergency access point onto the railway, with a 'stand-off' zone created near the tracks, with minimal works required in these areas.

Signage will be installed to advise of access routes and we will communicate changes in access/delivery routes with the Barnsley Council team to relevant stakeholders.

See below site plan logistics drawing:

The logistics plan identifies the following aspects:

- Construction access
 - On Site Parking Area
 - Key work areas
 - Site Hoarding/Boundary fence line
 - Access route for maintenance to Digital Media Centre, the Courtyard pub and picture framers.
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Timescales below are indicative of our programme.

Site Preparation, Site strip (Weeks 1 to 3)

During weeks 1-3 we will close the Lower Seam, installing perimeter fencing to restrict access. During this period we will disconnect existing services in the site area and re-supply existing lights/CCTV to the Upper Seam.

Site Logistics – Site Remediation (Weeks 3-25)

Following site clearance, we will excavate down to remove the tarmac and any sub-structures across the car park. This material will be processed on site and engineered back in layers to form the sub-base to the new car park and public realm.

Site Logistics – Public Realm / Car Park Area (Weeks 6 to 45)

During this period the groundworks, structures and paving will be constructed. This includes the 12m high illuminated sculptures (Yorkshire Roses) which will be installed using mobile cranes.

Site Logistics – Final finishes and completion (Weeks 40-45)

Final finishes include street furniture, lighting columns, landscaping and planting. Upon completion, the car park will be reopened to the public.

Existing Services

With the initial disconnection/removal of services, the area is clear for works to progress. The new services to the building will be taken into the construction, with new electric connection to Old Mill Lane, for a new substation within our construction area. Drainage is connected within our site boundary to existing drainage.

Site Health & Safety Plan

A full Health and Safety plan, along with trade-specific Method Statements and Risk Assessments is to be developed prior to commencement.

Site Access

Vehicular access to the site area for deliveries will be through gates positioned in the perimeter fencing, at existing entry points off County Road. These gates will be controlled by a site gate person who will direct all deliveries to the relevant drop off area. All site personnel and visitors will be required to report to the gatehouse upon entering the site and sign the site register. On initial entry, operatives and visitors are required to undergo a site induction. This induction will be carried out by an authorised member of the Willmott

Dixon Construction project team and is intended to make all personnel aware of Health and Safety issues relevant to the site. Site access is controlled via a biometric facial recognition turnstile, this provides a record for who is on site.

All persons entering the site must be equipped with adequate personnel protective equipment safety footwear, hard hat, gloves, and high visibility vests as a minimum, all of which must comply with the relevant British Standard. Failing to possess necessary equipment will result in access to the site being denied. Willmott Dixon Construction will provide a quantity of such equipment for those acting on behalf of the Employer.

Working Hours

The normal site working hours for the contract will be Monday to Friday 7.00am to 6.00pm (with people arriving on site from 06.45hrs); Saturday working may be required between 07.30hrs 16.00hrs. There will be no working on Sundays or public holidays unless by prior notice to the Barnsley Council Environmental Health Team. Construction hours will be limited to the 08:00am -6:00pm time frame.

Delivery of Materials

When ordering materials, all suppliers will be given a location map of the site together with precise instructions for packaging and delivery. On arrival all delivery drivers will report to the gate office from where they will be instructed to a position within our site boundary for off-loading. There will be no established off-site holding areas. All lay down areas will be within the Lower Seam Car Pak and will not impact any off-site area. Small consumables deliveries to the site cabins will park in the yellow hatched area beside our compound and will not impact on any other area of the Upper Seam car park.

Hoarding

Hoarding/Fencing will be in line with Appendix 1 Logistics Site Plan. Hoarding will be installed for the Upper Seam compound from – 3 Weeks (5th May). Hoarding/ Fencing to the Lower Seam will begin from Week 1 (26th May) and will secure the site for construction. Notice Boards will be provided along the hoarding of the site compound area on the Upper Seam.

Interface with the Public

We will be erecting a combination of solid hoarding and Heras fencing to the perimeter, which creates protection for members of the public.

Communication with the Public

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

Deliveries of Neighbouring Buildings

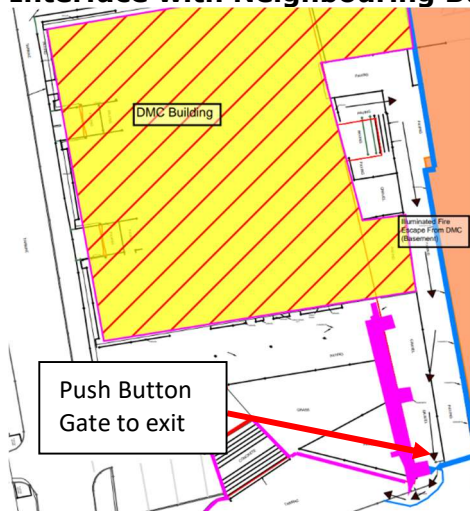
Our gates person / traffic warden will be placed at the southern access point for the deliveries to the Courthouse Pub, Buildings 20 and 22, and the DMC01. Deliveries for the Courthouse Pub are on a Monday and Thursday between 07:00-10:00 and will be supported and guided by our traffic warden on site.

Refuse vehicle collections for the DMC01 are Tuesday and Thursday where all refuse bins will be brought to the refuse vehicle by our gates person. The traffic warden / gates person will be here to coordinate the collections and support and guide traffic to reverse down Regent Street.

Deliveries for Building 22, the J & K Wood Gallery will be accommodated through liaison with our Senior Build Manager and the tenants. Any specific collections which require back door access or glass deliveries will be accommodated throughout the construction programme.

Any ad-hoc deliveries will be organised between tenants and our site team to accommodate and maintain safe delivering and working. Contact details will be available from the 26th May for surrounding tenants to contact and coordinate ad-hoc deliveries. Following thorough correspondence with neighbours to date, there is not expected to be large delivery vehicles requiring access to deliver out of our site hours and hence manoeuvres by a smaller transit van or car will be manageable and would not require our site team support.

Interface with Neighbouring Buildings – Fire Escape Plans



An illuminated fire escape will be provided for means of escape for maintenance staff in the basement only in the event of a fire alarm. All basement maintenance to be planned within site hours 08:00-17:00 to ensure WDC staff on site to support if required.

DMC01 users have 5 other emergency evacuation routes and hence the fire escape plan is maintained throughout construction. An emergency route has been maintained from the basement of the DMC01 through a pedestrian exit walkway outlined in the associated diagram. There is a push button gate to exit which can be accessed via DMC01 basement 24/7 and requires no key.

Courthouse Pub and Buildings 20/22 Fire Escape Routes to be maintained throughout construction.

Signage to Regent Street



WDC will provide two weighted stanchion road signs stating, 'Road Closed Access for Deliveries Only' & 'Car Park Closed'. See example below. These will be placed at the top of Regent Street in the highlighted positions.



Road maintenance and cleanliness.

Our site gate person will be positioned adjacent the site gates, from where they can direct vehicles to the materials offloading position on site and control vehicles exiting site. As part of their duties, they will be responsible for ensuring that vehicles leaving site have clean wheels, so as not to deposit dirt on the adjacent highways.

We will establish stone haul roads to limit vehicles travelling across sub-soils, to minimise mud on wheels.

When necessary, they will power wash and brush clean vehicle wheels and chassis. As a matter of course the local roads will be maintained by use of a road sweeper, if and when required in order to ensure that local highways are maintained in a clean and safe condition.

Car Parking

Parking will be available within main compound area (on the Upper Seam); any further contractor vehicles will use the pay and display on the Upper Seam. We will speak directly to our neighbours to ensure they have our contact details for any communications, should issues arise.

Control of surface water and flooding

The early works on site will involve carrying out the excavation to 1m below current levels, this will create a sunken area which will contain water on site. From site investigations and specific testing, it has been proven that the site is generally freely draining which will mitigate issues of water collection and surface water run-off.

Externally to the site we will fit silt control membranes to the surface water gullies of the access roads, to provide additional assurance to prevent any stray silt finding its way into the drainage system.

During excessively wet periods, any water collected in excavations will be pumped from the excavation into a settlement tank, to allow the collection of silt. The water in the settlement tanks will be allowed to drain into the soakaway surface water drainage, when clear.

Site Plant Storage and Restricted Zones

Plant will be stored in the secure storage compound with spill control measures in place along with a highlighted easement zone for restricted areas with regards to plant operations.

Control of Noise and Dust

Noise

Willmott Dixon Construction is mindful of the disruptive affect that excessively noisy operations can have on the occupants of adjacent areas and properties. As such we will ensure all of our operations comply with all current legislation, guidance notes and codes of practice as appropriate including compliance within the working hours of 08:00-18:00.

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.

Where works involve working close to the boundary these works will be kept to as short a duration as possible and we will work with our supply chain partners to ensure all necessary measures are taken during these periods to eliminate noise impact and where necessary noise levels monitored and assessed.

Dust

Where necessary during drier periods water bowzers 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.

Potential dust generating cutting and grinding operations during construction works will be controlled locally via dust extraction and damping down. This will help to mitigate any potential dust concerns that may impact existing buildings.

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 carried out 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.
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- 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, the Professional Team 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 Facilities

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.

A qualified 'First Aider' will be employed as part of the Project Team and will be available at all times when work is being carried out. The name of the 'First Aider' 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.

Personal Protective Equipment

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 worn at all times 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.

Scaffolding

Willmott Dixon Construction will provide general access scaffolding and equipment for the works as appropriate. All scaffolding work will be designed and carried out by a recognised scaffolding company with appropriately trained operatives and safety inspections will be carried out by the scaffolding company on all erected scaffolds on a weekly basis.

Security

All personnel will be required to enter the site by way of the main site access. This access will be controlled by the site gate person. Access to other 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.

Existing fencing to be utilised along the easement Network Rail Boundary. A combination of heras and hoarding is to be utilised in line with the Logistics Drawing appendix.

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.

The temporary site offices and welfare facilities will be provided with a 240-volt small power and lighting system. All temporary power and lighting systems will be installed and tested and maintained on a monthly basis by a suitably qualified electrical contractor.

The Feeder Pillar to the North of the site indicated on Appendix 1 will be metred and provide electrical power to the site cabins and site works.

A further metred electric connection will be made into the DMC01 basement to allow for CCTV and lighting to the overhang of the DMC01 to ensure fire escapes are lit.

A metred water connection will be made into the DMC01 basement to allow for water for site use. Water duct will run along the site boundary beside the upper retaining wall arches until reaching site cabins on the Upper Seam. Two temporary standpipes will be installed along the run for site use for wheel washing measures, damping down, landscape watering and any other requirements through the construction programme.

Waste Removal

All debris, redundant materials, etc. are to be collected on site within each working area on a daily basis and removed to designated waste skip locations.

Willmott Dixon Construction will employ a specialist waste recycling company to remove and recycle all waste generated. 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.

Willmott Dixon Construction's Site Rules

Prior to commencement on site Willmott Dixon Construction will formulate and issue a set of site rules which must be complied with by all staff, all supply chain partners and any other visitor to the site. A copy of the rules will be clearly displayed in the site office and all personnel will be made aware of these rules during the induction procedure.

All personnel coming to site will undertake a Willmott Dixon Pre-Enrolment assessment, which covers all key aspects of health, safety, environmental and behaviours while working on site and in the local area.

Failure to comply with any site rule may result in that person's temporary or permanent exclusion from the site. The following are general rules which will apply to the site but must not be taken as a complete and comprehensive list.

- 1) On first entering the site all personnel must undergo the Site Induction Procedure.
 - 2) The site is designated as a 'hard hat' site and safety helmets must be worn at all times within the work areas.
 - 3) Safety footwear, safety gloves and high visibility vests must be worn within the work areas.
 - 4) All necessary Personal Protective Equipment were provided and required to provide a safe system of work must be worn.
 - 5) All personnel must on entering the site sign in on the Site Register and log into the site turnstile. When leaving the site all personnel must sign out on the Site Register or will be recorded via the turnstile.
 - 6) No alcohol or non-prescription drugs are allowed on site.
 - 7) No person who appears to be under the influence of alcohol or drugs will be allowed on site.
 - 8) All safety and security notices must be obeyed.
 - 9) No fires or burning of waste is allowed on site.
 - 10) No food or drink is to be consumed on site except in the designated welfare area.
 - 11) No smoking is allowed on site except in the designated smoking areas.
 - 12) No parking of vehicles is allowed on site except in the designated parking areas.
 - 13) All work areas are to be maintained in a clean and safe condition at all times.
 - 14) All rubbish is to be removed from work areas to the rubbish facilities provided, on a regular basis.
 - 15) On hearing the fire alarm all personnel are to go immediately to the designated assembly point after first switching off any powered equipment.
 - 16) All plant, materials and equipment are to be secured upon vacating the site at the end of each working shift.
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- 17) All plant, equipment and materials must be stored in a safe manner in accordance with appropriate regulations.
- 18) All personnel operating plant and equipment must be properly trained to do so, and must, where necessary, hold a current certificate of training.
- 19) No unauthorised modifications or adaptations must be made to the temporary electrical system provided on site. Any equipment used in conjunction with this system must be compatible with the system and comply with all relevant regulations.
- 20) No work is allowed on live services unless a signed permit-to-work is first obtained.
- 21) No hot work is to be carried out unless a hot-work-permit is first obtained.
- 22) No unauthorised modification or adaptations must be made to scaffolding or access equipment.
- 23) All site access and escape routes are to be kept clear of materials, equipment, and debris at all times.
- 24) Any person witnessing a dangerous or questionable occurrence must immediately report it to a member of the Willmott Dixon Construction Project Team.
- 25) All personnel must treat members of the public in a respectful, considerate and courteous manner.
- 26) Willmott Dixon Construction, reserve the right to stop and search any person or vehicle leaving the site.
- 27) All personnel must obey any reasonable request or instruction given by an authorised member of the Willmott Dixon Construction Project Team with regard to safety, security, or access to the site.

Supply Chain Partner Method Statements

Specific supply chain partner method statements and risk assessments will be produced by the individual partners following their appointment. These method statements and risk assessments will be submitted to and agreed with Our Health and Safety Manager prior to the partner starting on site.

Site Management for the scheme

Willmott Dixon Construction will register the scheme with the 'Considerate Constructors Scheme' where the necessary notices etc will display the contact details of the Site Team.

Emergency Contacts

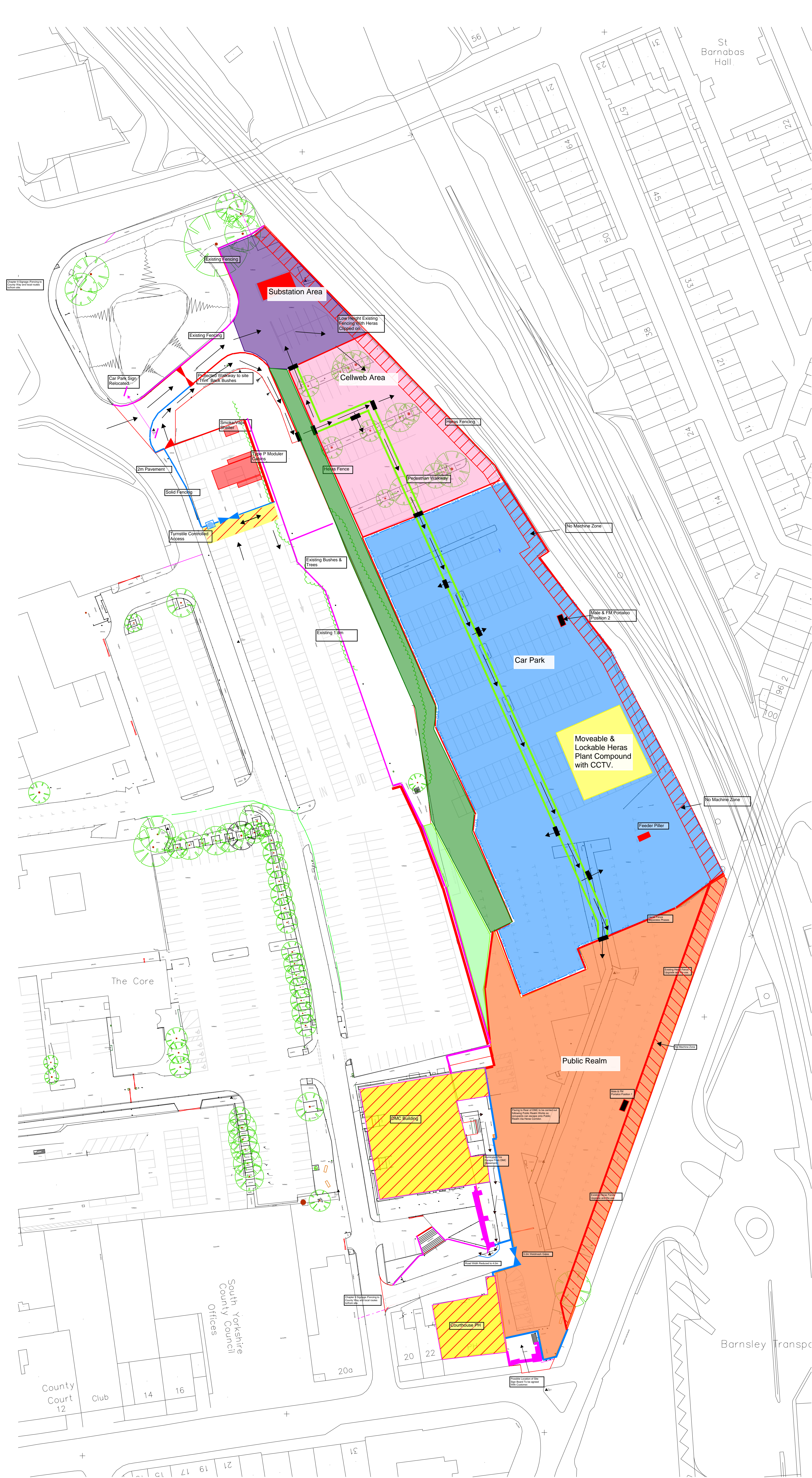
Contact	Job Role	Contact Number	Email
Richard Wright	Operations Manager	0113 238 3283	Richard.wright@willmott Dixon.co.uk
Tom Mangham	Senior Build Manager	07977847050	Tom.Mangham@willmott Dixon.co.uk

Availability of this document

This CEMP will be publicly available via the planning portal.

Appendix 1

- **Logistics Layout Whole Site**



KEY	
	Existing Fence or Wall
	Heras Fence
	Solid Hoarding
	1m High Barrier
	No Machine Zone

REVISION I C BY I DC CHECKED I JW

Project - The Seam Barnsley

Title - Logistics Layout Whole Site

DWG No. - SEAM-WDC-XX-ZZ-DR-L-00004

