Willmott Dixon Construction

Rochdale Riverside Development Phase 2 Enabling works.

Construction Method Statement
In response to condition 7 19/01160/FUL

Andy Howarth
Operations Manager
Willmott Dixon Construction Manchester

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This construction method statement indicates our proposals for undertaking the construction works on the Rochdale Riverside phase 2 enabling works scheme including construction of level building footprints, piling retaining walls and drainage Next, off Smith Street in Rochdale.

This statement is an update to the approved document for the Phase 1 works under 18/00048/DOC to condition 13 (document reference: Construction Management Plan - Outline Planning Method Statement - Rev F, Willmott Dixon, dated 1st February 2018).

This statement is to be read in conjunction with the attached programmes and site logistics plans, which detail our intended sequence of working.

This statement is intended to be a live document and moving forward detailed method statements and risk assessments will be developed in consultation with the appropriate sub-contractors and CDM Co-ordinator.

General Construction of the Work

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

The key periods of our programme comprise:-

Construction Period

We anticipate that the works will be completed within an overall 21 week calendar period, with works commencing on site in Autumn /winter 2020 and practical completion being 2021.

Site Establishment (condition 7 iii, x & xi)

Willmott Dixons site office, welfare and compound shall be situated in the 'phase 2' zone of the project, on the north side of New Baillie Street. The compound facility shall be patrolled of a nighttime by a guard or CCTV cameras, and marshalled during the day by a gateman. Access will be restricted with access via and turnstile or through signing in with the Gateman for visitors.

The site establishment will provide offices for Willmott Dixon Construction's Site Management team together with a canteen and toilet facility for our operatives. The offices will be equipped with telephone, computer and e-mail facilities and will contain photocopying and first aid facilities.

We have assumed that service connections can be readily made from a point at the site boundary and these will be processed in due course.

A restricted number of visitor and sub-contractor parking will be available in the car parks adjacent to our cabin set up, with further spaces available within the Riverside multi storey car park. See site plan for detail on car parking on site.

Site Access

Access to the construction site area will be through a hand scan controlled turnstile situated at the site compound. All site personnel and visitors will be required to report to security upon entering the site and sign the site register. Upon leaving the site all personnel and visitors will be required to sign out.

On initial entry, operatives and visitors are required to undergo a site specific induction, with all operative needing to have undertaken the WDC 'all safe to work online induction' prior to attending site. 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.

All persons entering the site must be equipped with adequate personnel protective equipment which consists of a minimum of; safety footwear, hard hat, gloves, and high visibility vests, 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.

Covid-19 Safety Measures & Practices

The safety and wellbeing of our site teams is our number one priority. All our sites are operating in accordance with strict Government guidelines to ensure the safety and welfare of people that work on them.

Our projects follow Public Health England guidelines and adhere to the Construction Leadership Council's Site Operating Procedures to ensure social distancing and other requirements are met.

Working closely with customers and our supply chain, we have adjusted our welfare provision to ensure social distancing can be maintained in all places, including the canteen, and have increased our cleaning and hygiene regimes. On every site, this is reviewed throughout the day to ensure the strict guidelines are being met.

All our sites are stocked with a full range of soap, hand cream and light duty and heavy-duty cleaning materials and signs regarding hand washing are usual.

More detailed measures will be developed prior to start on site in line with Government guidelines and CLC Site Operating Procedures in force at the time.

Site Compound & Perimeter

The site compound shall be completely fenced off with site perimeter hoarding per the approved details under 20/00496/DOC. Materials for the project will be kept well within the site boundary to decrease the chances of thefts and arson occurring when nobody is on site.

Around the construction site areas, the fencing will allow for flexibility to reduce digging around existing utility services. The main access point will be on New Baillie Street with secondary access points to be used on a limited basis where difficult access is required (see mark up)

All hoarding and site fencing will be subject to rigorous weekly inspections accompanied by photographs undertaken by a WDC staff member and logged on Willmott Dixons priority 1 system.

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 sub-contractors and any other visitors to site.

Site Plant & Machinery

Plant used on the project will consist of mobile elevated work platforms such as cherry pickers and scissor lifts to undertake the high level works, with excavators, dumpers and rollers used to undertake the ground and landscaping works to the project. Cranes will be brought onto site where required for lifting materials onto roofs and for the steel erection.

Plant such as the above will be securely stored in designated areas away from the site boundary. Whenever possible or at the earliest opportunity redundant pieces of plant will be removed from the project.

Materials and plant will be safely unloaded within the footprint of the site by a trained banksman with such deliveries where possible arriving out of peak hours. At no time will access onto the back of any delivery vehicles be allowed within adequate fall protection being in place.

Temporary Highway & Footpath Closures

As part of the main construction works it is anticipated that for limited short durations, certain pedestrian pavements will be required to close to undertake the required works. For example, it is anticipated that a section of Penn Street will be required to close for the diversion of existing services.

Working Hours (condition 7 ii)

The normal working hours for the contract will be Monday to Friday 7.30am to 5.30pm. No working on public holidays and limited working on weekends.

Delivery of Materials & Site Access (condition 7 i & iv)

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 site office from where they will be instructed to a position on/off site for off loading. Where possible the delivery of plant and materials will be co-ordinated so it arrives out of peak hours to minimise disruption in the area.

Access to the site will be via John Street onto New Baillie Street and into the site compound. Deliveries will be planned to avoid disruption to the new multi storey car park with holding areas when numerous deliveries are required on a specific day. The above will be clearly shown on the logistic and traffic plans for the project.

Deliveries will be irregular across the working hours and staff movements for 30 minutes before and after.

Storage of materials (condition 7 v)

Material storage will be limited due to the nature of the works, stone aggregates will stored near the area of work which will be across the site. Metal sheet piles will be stored adjacent to the two locations where sheet piling will be installed (north east corner and west adjacent to Penn street) to allow easy installation with piling rig. Drainage materials will be stored adjacent to site offices and drainage runs to reduce manual handling, as work progresses storage areas will move to suit the work activity.

See site plan for area for storage of materials within the site.

Noise, Dust & Vibration Control (condition 7 vi, vii & viii)

In order to minimise disruption from the construction works, we have produced a ground remediation strategy which drastically reduces vehicle movements and therefore results in very little excavated material being removed from site.

We plan to proactively manage the dust, dirt and mud produced on the project by undertaking the following;

- Dampening down or the ground in the site footprint as required.
- Regular road sweeping within the site boundary and adjacent roads.
- Gateman to regularly sweep pavements and footpaths around the project.
- Wheel wash stations being in place at exit gates where deemed necessary.
- Regular Street cleaning in operation at the discretion of the highways officer for the reduction of mud and detritus on the highways surrounding the development.

Willmott Dixon Construction are mindful of the disruptive affect that excessively noisy operations can have on the occupants of adjacent areas and property and accordingly the project team will ensure that all work will be carried out in accordance with BS 5228 "Noise Control on Construction Open Sites – Part 1".

It is our general practice to liaise with the occupiers of any adjacent properties/businesses and where necessary the Environmental Health Authority and give notification in advance of any excessively noisy operations and advise them of the measures to be taken to minimise disturbance.

Notwithstanding the above, the following noise control procedures will be applied:-

1) All current legislation, noise abatement orders, guidance notes and codes of practice will be consulted and strictly adhered to.

2) Where necessary noise levels will be monitored and noise assessments carried out.

3) Noisy plant and equipment will be located to provide minimum disturbance.

4) Plant, wherever practicable, will be electrically powered.

5) All plant and machinery will be fitted with efficient exhausts, silencers and mufflers and maintained in good condition.

6) All compressors used on site shall have 'sound reduced' units fitted with acoustic linings or enclosures and all ancillary pneumatic percussive tools will be fitted with mufflers or silencers of the type recommended by the manufacturer.

Habitat Protection

Most vegetation has been removed from site prior to March 2020, confirmed by the Council in its decision notice 20/00496/DOC to condition 4.

Any vegetation that may have re-established will be removed outside of the nesting season. Or if any vegetation is required to be removed during the nesting season an ecologist will be contacted and ask to assess whether the vegetation is hosting any protected species or wildlife. Advice will be taken from the ecologist as to if further action is required.

Any site lighting will be directed downwards to ensure no disturbance to light sensitive species. Gaps will be left below the hoarding to ensure wildlife is able to traverse the site and not cause disruption to their natural patterns.

Mobile plant and equipment will be stored on nappy pads to reduce the likelihood of contamination of land. Weekly environmental inspections will be completed to ensure regular checks on the site habitats are completed and reviewed.

Substructure Works (condition 7 viii)

Following on from completion of Archaeological investigations the site will be cleared of vegetation (if any remaining or re-established). All hardstanding and walls will be excavated and crushed in a controlled manner for re-use on site, the ground will be excavated and buried walls and obstruction removed and crushed with other hard material. The ground will be profiled to the new levels and the crushed material engineered to form piling mats for future piling works.
Some metal sheet piling is required this will follow on from forming of piling mats, both noise and vibration will be monitored during this operation to ensure limits are not exceeded. Drainage works will also be undertaken using metal boxes for trench support where required and unsuitable material will be removed from site via a wheel washing facility.

Fire Prevention

Willmott Dixon Construction will develop a Fire Prevention Policy 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 design by the Architect, Engineer or Contractor.

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.

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 Policy will be formulated prior to the commencement of any works on site and will be issued to all sub-contractors, 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.

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 personnel. 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 the 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.

Temporary Services & Equipment

Willmott Dixon Construction will provide and maintain a temporary 110 volt single phase electrical power supply, obtained from the mains, complying with I.E.E. Regulations and Electricity at Work Regulations to all working areas. Distribution boards will be provided as required, together with any general lighting for access and safety, subject to availability.

Use of the temporary power will be provided free to all sub-contractors; however each sub-contractor will be responsible for the provision of their own extension leads, task lighting and electrical equipment which must be compatible with the temporary system provided and comply with all relevant regulations.

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.

Waste Removal (condition 7 ix)

The Client's Site Waste Management Plan (SWMP) will be fully complied with in accordance with the SWMP Regulations 2008.

All debris, redundant materials, etc. are to be collected on site within each working area on a daily basis and removed from the building to designated rubbish skip locations. Once within the designated area, all waste will be segregated into the following categories as a minimum;

- Mixed waste
- Timber waste
- Metal waste
- Plasterboard waste
- Hazardous waste

Willmott Dixon Construction may employ a specialist waste recycling company to remove and recycle all waste generated using a system for daily collections from central areas.

All non-hazardous materials are to 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 rubbish skips, off 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 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 sub-contractors 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 sub-contractors 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.

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 where 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 obtain a security pass from the site office. When leaving the site all personnel must sign out on the Site Register and return the security pass to the site office.

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) Other than for communications purposes, radios (including personal radios) are not allowed on site.

11) No food or drink is to be consumed on site except in the designated welfare area.

12) No smoking is allowed on site except in the designated smoking areas.

13) No parking of vehicles is allowed on site except in the designated parking areas.

14) All work areas are to be maintained in a clean and safe condition at all times.

15) All rubbish is to be removed from work areas to the rubbish facilities provided, on a regular basis.

16) On hearing the fire alarm all personnel are to go immediately to the designated assembly point after first switching off any powered equipment.

17) All plant, materials and equipment are to be secured upon vacating the site at the end of each working shift.

18) All plant, equipment and materials must be stored in a safe manner in accordance with appropriate regulations.

19) All personnel operating plant and equipment must be properly trained to do so, and must, where necessary, hold a current certificate of training.

20) 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.

21) No work is allowed on live services unless a signed permit-to-work is first obtained.

22) No hot work is to be carried out unless a hot-work-permit is first obtained.

23) No unauthorised modification or adaptations must be made to scaffolding or access equipment.

24) All site access and escape routes are to be kept clear of materials, equipment and debris at all times.

25) Any person witnessing a dangerous or questionable occurrence must immediately report it to a member of the Willmott Dixon Construction Project Team.

26) All personnel must treat members of the public in a respectful, considerate and courteous manner.

27) Willmott Dixon Construction, reserve the right to stop and search any person or vehicle leaving the site.

28) 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.

Sub-Contract Method Statements

Specific sub-contract method statements and risk assessments will be produced by the individual sub-contractors following their appointment.

In the event that any issues arise during the construction period, the following personnel are to be contacted from WDC;

On site contacts

Will be provided in due course


2N° CAR PARKING SPACES
WELFARE + OFFICES
STORAGE
EXISTING FENCELINE
JOHN STREET
PENN STREET
STORAGE
GATEHOUSE
NEW BAILLIE STREET
SITE HOARDING

Site plan

Approved style hoarding to New Baillie Street and Penn Street

