

Academy Business Park – Knowsley

Construction Management Plan

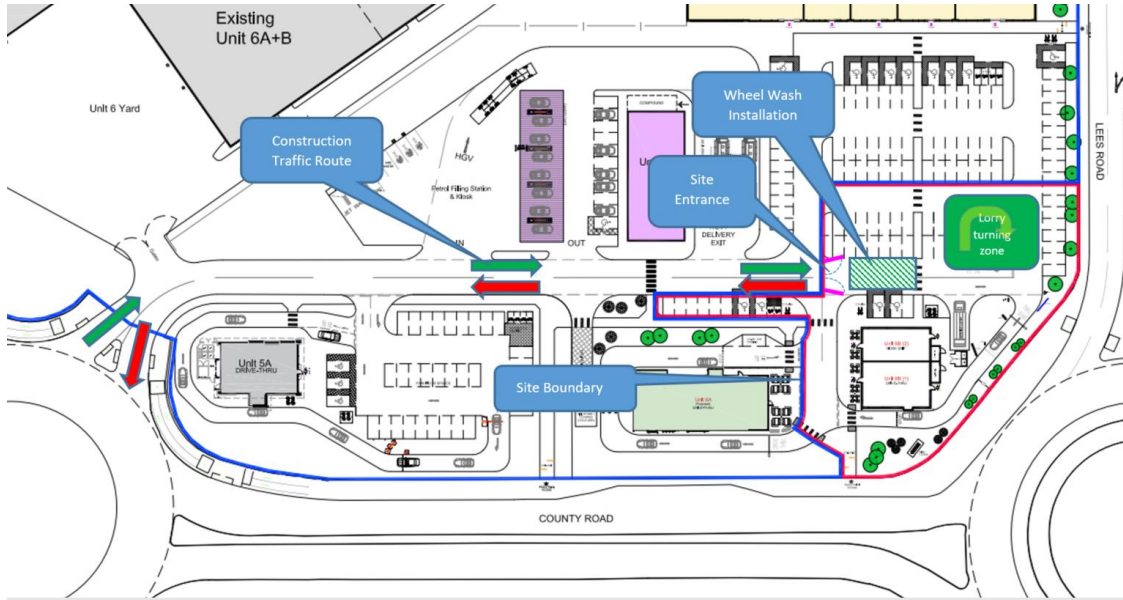


Figure 1 Site Layout – Site Layout

Working methods and programme:

No demolition of buildings is required to be undertaken for the construction of this project.

The site stands within Academy Business Park which is fully secured and has 24hr manned security and CCTV.

The site area highlighted thus  will be also fully secured with Heras style fencing and lockable gates.

The site compound will be positioned outside of the site area and will comprise of site accommodation, contractor parking and plant / material storage all within its own fenced area.

The construction staff will park in the designated compound area, which will be accessed via the existing entrance off County Road. The on-site security team will also assist in managing the parking of construction staff by only allowing authorised personnel to access the site.

The site compound would provide car parking for up to 15 vehicles. If additional car parking is required, there is sufficient space on the wider site for an overflow car park in the loading bay area. This could accommodate a further 25 vehicles. This would be managed by Jones Contracts and the on-site security team. There would be no parking on Lees Road and County Road.

Hours of Work:

Working hours will be restricted to 8:00AM to 6:00PM week days and 8:00AM to 1:00PM on Saturdays. No working will be permitted outside of these hours.

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Wheel wash facility:

A local road sweeping company has been retained to provide on demand road cleaning in the unlikely event that road and highway cleaning will be required.

A wheel wash area will be located on the site where vehicles leaving the site can be assessed and cleaned as necessary prior to making their way to the main business park entrance. Run off will be contained within a bunded area with a local soak-away installed.

All vehicles will be directed to pass through the wheel wash area before leaving site by the site banksman and signage.

Vehicles delivering to the site will first enter the business park via the dedicated access on County Road where they will be directed on to the site.

This entrance has a dedicated waiting area which allows deliveries to be assessed whilst being clear of the main highway.

The existing roadways around the site will be maintained to reduce the requirement for road going transport to leave metalled surfaces.

The wheel wash facility will comprise a pressure washer and operative who will inspect all vehicles leaving site. If required, the operative will use the pressure washer to clean off all mud and debris from vehicles leaving the site.

The type of wheel wash facility that would be used on site is shown below. The wheel wash would be a compact pressure washer bowser.



Compact Pressure Washer Bowser

Construction / Demolition Traffic Routes / Management of Deliveries

On site, there will be suitable segregation of plant and pedestrians using barriers and signage. All on site personnel will wear hi-vis clothing at all times.

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Vehicles delivering to the site will first enter the business park via the dedicated access on County Road where site staff will direct the vehicles to the site.

No vehicle reversing on the highway will be necessary due to the well-designed permanent Park entrance area, which has been in situ for a significant period.

All wagon loads entering and leaving the site will be covered.

The loading/unloading and on-site deliveries would be managed by Jones Contracts and the Site Operative. The compound and the surrounding area of the site provides a large area for the turning of vehicles, which would be managed safely by the Site Manager, who has extensive experience of large development projects.

Noise mitigation:

The site has the benefit of a permanent electricity supply which will be utilised for temporary power during the site operations. This will ensure that there will not be a requirement to generate electricity locally and therefore there is no requirement for the operation of any temporary power generation or pumping plant which will operate overnight.

The site will employ a strict 'No idling' policy to further minimise noise and exhaust pollution.

The working area and traffic management plan will be set out to minimise the requirement to continually reverse so to help reduce nuisance from reversing alarms.

The site will employ best practice in line with BS 5228 (2009) to reduce any nuisance from noise and vibration during the works.

All machinery and plant will be maintained in good working order with fully silenced exhaust systems and engine covers in place at all times. All service intervals for plant and equipment will be adhered to and will be undertaken in line with the manufacturer's recommendations.

The buildings are not to be piled as they are found on bedrock so there is no requirement for piling or other activities that would cause vibration or excessive noise.

Any static plant powered by internal combustion engines shall be sited away from any nearby business and sensitive receptors. The site is however located in a predominately industrial area with no sensitive noise receptors in close proximity.

Dust Control and Suppression:

Water spraying equipment will be available at all times and deployed when-ever necessary to suppress dust during the works. A water bowser with a sprinkler system will be utilised for more general dust suppression across the site.

All stockpiles of potentially dusty material shall be stored away from the boundary with existing businesses, within enclosures and damped down using a suitable water spray during dry weather.

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The cutting or grinding of materials on site shall be done whilst using an effective water suppression system.

There would be no burning of materials or rubbish on the site.

Highway Wear and Tear:

The site vehicle egress is to be via the dedicated Business Park entrances and exits on County Road.

These are designed for large fixed axel and articulated vehicles and will not impact on the highways surrounding the business park which are designed for such vehicle movements.

Prior to commencement of development, a joint pre-inspection survey with Knowsley Council is to be held to agree the condition of the existing footways/carriageways in the vicinity of the site entrance/exit.

Pest Control:

The site consists of a vacant and open brownfield site, however in the unlikely event that any pests are found, a suitably licensed pest controller would be contacted to seek their professional advice as to how to control the pests.

Programme:

It is envisaged that the construction programme will be 20 weeks commencing in the autumn/winter of 2023.