

Construction Method Statement

ISG

Project name	Varley st SEND school
Project address	Sawley rd, Miles Platting, Manchester
Client name	Manchester city council, Major Projects

1. Project details

Brief description of project

The project comprises of the construction of a Special Educational Needs and Disabilities (SEND) school facility on an old educational facility which has had the building demolished, and site cleared over previous years. The facility includes a building providing 150 places and the external works (site access, car park and drop off area, service yard, informal hard play areas and external play space). The building is over single storey with an elevated section forming the school multi use hall. The site is currently split in to with a sections with the south west corner along the nelson st elevation being the smaller of the two. This smaller section of the site will not be built on although it will see remediation works to existing mine shafts and workings, following this, the area will be utilized as site access and storage and will be returned back to a separate, secured, level site.

The main construction will see ground improvements to existing mine workings as per the above, with further vibro improvements carried out as part of the groundwork strategy. The main frame will be constructed as a steel frame, facades are predominantly brick work and glazing with some elements of cladding to the hall area and main entrance. Externally there will be soft and hard landscaping areas with a provision of parking and soft/hard play.



Site operating times;

8am – 6pm Monday to Friday (Excluding Bank Holidays)

9am-2pm Saturday

Very little work will be carried out, outside these time parameters, however approval from the local authority will be sought for any potentially disruptive works.

1.2 Project programme dates

Planned commencement date	Aug 2023 (prov)
Planned completion date	Sept 2024

Construction Method Statement

The ISG logo consists of the letters 'ISG' in a white, sans-serif font, positioned on the right side of a solid black square.

2. Project team details and organisation

Professional team

Client	Manchester City Council, major projects
Name	Andy Partington
Email	andrew.partington@manchester.gov.uk

Principal Designer	IH Safety Ltd
Name	David Maddock
Email	dmaddock@ihsafety.co.uk

Contractor	ISG
Name	M Wilks
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Architect	Anastasia Kapagerof
Name	Steve Thomas
Email	Anastasia.kapagerof@jmachitects.net

M&E consultant	Ridge & Partners
Name	Simon Thurstan
Email	Simonthurstan@ridge.co.uk

Structural engineer	Ridge & Partners
Name	Nick Barringer
Email	nbarringer@ridge.co.uk

4. Project Layout (access roads, walkways & traffic management plan).

A project layout plan marked up with traffic routes and key installations is produced and displayed – see **Appendix A**. It is regularly reviewed and forms part of the induction process. The layout will be well presented and easily understood by any person. If necessary, the information may be depicted on more than one layout.

The following Arrangements will be put in place and developed as the project moves on to control vehicle movement and interaction with public and pedestrians.

Safe routes for construction vehicle manoeuvring into and around the project have been considered and set out on the attached plan, the additional controls will also be in place for the duration of the build;

- A trained 'banksman'/gateman to manage vehicle movement in and around site.
- Vehicles will be driven into site via existing Bellmouth via a dedicated vehicle gate, Loaded/unloaded within the compound area and driven off site via the same gates leading onto Nelson st.
- Road Clean/Wheel wash on exit to keep roads clean during bulk excavation.
- All HGV movements will be planned and managed to avoid waiting outside of the site or within the residential estate nearby.
- Separate entrances will be set up for pedestrian and construction vehicle traffics to form Segregated routes in and around site protecting staff, operatives and the general public and visitors to the site. Safe pedestrian routes to and from work locations will be set up within the compound and site areas.
- Some of the existing trees to the site and will have to be felled or trimmed back to allow for the new building or to minimize damage caused to them during the work.
- Materials will be off loaded on site and stored on suitable hard standing.
- Materials will be brought to site on a "just in time" basis.
- Plant parked on site will never be left running whilst unattended, during periods where the site will be closed all powered plant will be immobilized with security shutters fitted (if provided). The plant will be grouped and parked in a spot clearly visible off site so any potential thief vandals can be spotted by security of passer by.
- Plant and vehicles will be switched off when stationary and not permitted to idle to reduce fumes and exhaust gasses on and around the site.
- Prior to commencement LA Highways Dept will be invited to carry out a joint dilapidation survey of the existing highways adjacent to the site access/egress.

5. Project security

The site will be fitted with 24/7 monitored CCTV with visiting guards to cover out of hours periods.
The perimeter of the site is secured with a combination of new and existing perimeter fence.
A Biometric access system/turn style will be utilized to restrict access on the main site area to prevent unauthorised access during site operating times
The local neighbourhood policing team will be consulted with prior to works progressing and notified of the site and associated activities.

Existing hazards / considerations / restrictions	Notes / controls
Adjacent buildings – schools offices, shops etc	The Area around site comprises mainly of residential and industrial properties, with a park and medical centre located further down Rochdale road.
Access restrictions	Deliveries will be managed and timed so as not to cause congestion or general nuisance on or around site.
Noise/Dust and vibration	Site will be constantly monitored from and environmental impact including noise assessments and vibration monitoring particularly during vibro compaction works. Adjacent properties are in excess of 20m of the proposed work faces so impact on neighbours is expect to be minimal
Excavations	Will be protected throughout the duration using fixed steel barriers to prevent unauthorised and accidental access to those involved in the work, visiting or trespassing on site.
Storage of materials (particularly hazardous materials) and work equipment	Fuel and chemicals will only be stored on site within plant or in bunded tanks with spill prevention/protection all of which will be locked off or secured when not in use.

6. Waste management

A site-specific Waste management plan will be developed for the project ensuring that all waste produced or held on a site is disposed of safely, efficiently and in accordance with the law. The plan will set out and manage.

- targeted waste streams for all construction activities.
- How waste will be handled both off and on site.
- Roles and responsibilities.
- Waste minimization.
- Project targets.
- Forecast.
- Record actual quantities produced.

Separate skips provided by a licenced waste handler will be utilized for part of the works segregating waste at source, with some skips being combined and segregated off site. Bulk excavated material will be loaded directly into wagons and carted off site utilizing a registered waste carrier and disposed of at a licenced Tip.

7. Parking

On site parking is planned to be developed during the main stages of the project, during the initial stages we would propose to utilize on street parking along sawley road. Sawley road is predominantly residential, however the properties back on to the road with off street parking, so an increase of on street parking should not effect the adjacent properties.

8. Neighbourhood engagement

A community engagement plan will be developed for the project identifying key community group/Residential and neighbourhood groups. We will continue the engagement currently carried out by the existing facility in updating and keeping residents and local businesses informed of the project and any activates likely to impact on their day to day.

An open-door policy will be set up and encouraged throughout the lifetime of the project encouraging neighbours and local resident to contact the site directly. This will be reiterated via regular letter drops and social media updates. The site will also be registered with the considerate constructor scheme enabling an anonymous method of to raising complaints, this information will be distributed within the project newsletters issued to residents and via site signage and banners erected around the site perimeter. The newsletter will be sent out prior to the works commencing and on a monthly basis thereafter or sooner if required.

Within site inductions all staff and operative will be briefed on our expectation of their behaviour in and around the site via the project specific rules. Any operative to breach these rules or those who created nuisance or disruption around the site will be excluded from the project.

All complaints received either directly or indirectly – (via social media or CCS) will be recorded for the duration of the scheme.

Complaints in the first instance will be dealt with via the site teams, if the complaint persists or can not be resolved by the site team, ISG's quality team will be brought in to take an overview of the situation and deal with any issue away from a site level.

9. Monitoring and audit (health, safety, quality and environment)

9.1 On-site monitoring

The Nominated Manager **shall** ensure that performance is monitored on site on an on-going basis, through regular inspections of the site and works in progress, commensurate with the nature of the works and associated risks.

Safety / Environmental and Quality inspections will be undertaken on a fortnightly basis (approximately) by the company's HSQ&E Managers, and scored inspection sheets prepared. Non-confirming activities will be addressed in a timely fashion.

The HSQ&E Manager's will visit and inspect the works at any time, either of their own volition or by request.

Through out the duration of the project the site team will carry out regular sound level Monitoring at the site boundary to ensure that that the works are not exceeding reasonable levels causing nuisance to the local residents, the result of which will be recorded and retained for the duration of the works.

Periodic audits to confirm the implementation of Health Safety, Quality and Environmental systems will be carried out in accordance with company procedures.

10. Environmental management

10.1 Environmental aspects and impacts

The site is located within its own grounds there are no water ways or areas of significant ecological value. Surveys will be carried out to establish the presence of endangered and protected species within or around the area and site and Suitable precautions will be implemented based on the results of these surveys.

Prior to any works being carried out to existing trees within the site boundary will be protected. As works within the ground are carried out in the vicinity of the trees a Arboriculturist will be present monitoring the works. It is planned that any felling or pruning of existing trees will be carried out 'outside' of the bird nesting season.

Noise;

Site operations will be restricted to the time scales covered above.

Noisy operations will be restricted, and alternative methods introduced where practicable.

Alternative construction methods will also be considered to reduce the effect of the works to site operatives and neighbours.

Regular noise assessments will be carried out on and around site to record the effects of the works to the neighbouring properties.

Deliveries in and around site will also be restricted to the site operating times to prevent nuisance to the adjacent properties through engine noise etc.

Vibration;

On site monitoring will be set up to the perimeter of the site to ensure adjacent properties are protected for excessive vibration. Less intrusive methods of ground improvement will also be investigated during the design stage.

Construction Method Statement

ISG

Appendices

- A Site layout plan / traffic management plan.

Construction Stage

