Trinity, Barnsley

Phasing Narrative and disruption

Phase 1 Temporary Works

Phase 1 will consist of the following activities which will be pivotal to the successful and timely completion of the project.

The temporary site access will be off Keresforth Close which will be a shared access with the existing residential properties on Keresforth Ct. This will provide good access for all contractors' plant, machinery and modular deliveries and also pedestrian access.

Phase 1.1

Access will be formed at the un adopted road section adjacent to the existing field access point (attached drawing item A) The entrance will be widened to allow larger vehicle and modular deliveries to access.

A Semi permanent haul road will be installed as drawing TRIN-JDA-TEMP-00-DR-A-00103 P01, a local grouting mat will be positioned to allow efficient delivery of water, OPC and Ash to the site.

The grouting rigs (2-3no) will be positioned across the site to effectively complete a 3x3m grid of high pressure grout injection.

1no Mine cap will require works to ensure stability. The work will be continuous until completed. Daily records will be taken and any deviations from the expected volumes will be reported to our engineers.

On completion of the work, the site will be cleared of all grouting equipment and any waste materials.

Phase 1.2

The site will be re configured for construction of a suitably designed temporary foundation for the temporary school to sit on. This will involve the removal a prescribed level of vegetative matter, followed by the install of a suitable ground bearing slab taking into consideration any local issues with mine working gasses, radon etc. As a standard, a gas membrane will likely be installed to suitably deal with any possible issues.

Diversion and provision of temporary services will be undertaken in conjunction with any likely requirements for the permanent site.

The installation of any temporary crane Matts will be undertaken, in conjunction with our engineers to ensure that the recent grouting works are considered.

Once the crane is in position, module delivery will commence, lifting operations will be strictly controlled, only operationally required personnel will be allowed within the area. Modules will be lifted in an orderly manner and all required temporary and permanent weatherproofing will be undertaken.

After module completion and connections have been made, external works will complete, bins stores, final play surfaces, road and paths, gates and fences, lighting and any CCTV.

Final testing and commissioning will be completed and the building handed over for occupation.

Phase 2 Site set up.

As the temporary school will be live during our construction phase it will be essential that we provide a full time certified gateman controlling the shared access, defined access and egress times for all contractors' plant and deliveries. Weekly meetings with the school will take place with regular reviews of our performance and impact. As the area is a residential area we will also involve local residents with letter drops and residents forums.

During this phase the following will be completed.

- All hoarding, 2400mm high. Vehicular and pedestrian gates. Access off Broadway via Keresforth Close (Access point 1) will be managed with a full time certified gateman.
- The existing PROW will be clearly marked
- Protection to the new sub-station (assumed). Any underground LV/HV cables to be diverted.
- Full site welfare set up with office accommodation. Temporary services/drainage. Full CCTV security round the site and appropriate lighting. Full broadband and temporary site lighting.
- A separate plan is provided showing the proposed layout.
- Isolation and diversion of any permanent services within the site.
- Materials to be segregated for re use where appropriate – particularly crushed materials.
- Site strip to formation to all areas

All appropriate Hoarding/fencing, pedestrian barriers, gates, signage, vehicular and pedestrian routes will be in place. The main access gates will be controlled by certified gatemen. Access to site will be fully controlled. To maintain clean adjoining roads we will install a wheel wash/washing facilities

Phase 3 Foundations, Hardstanding's, Road Formation and Drainage

During this phase our focus will be on further developing roads, car parking areas, drainage and preparing the foundation solution for the module/hybrid building. Again this will be managed in such a way that impact to the adjacent live school and local community is minimised. There will be considerable vehicle movements and these will be managed and marshalled by certified staff on and off Keresforth Close. Any dust will be supressed accordingly.

During this phase the following work will be completed.

- Reduced level excavation and carting away surplus material
- Deep drainage and infrastructure

- Foundations, secondary drainage, service entry points, utilities ducting, formation of hard play and car parking areas

Phase 4 Construction phase

During the preceding phases the modular section will have been constructed and fitted out to a high level in our factory at Carnaby on the east Coast. The modules will be prepared for transport and delivered to site for installation. Works undertaken during this phase will be as follows;

- Erection of the hybrid structural steel
- External wall panels to the hybrid steel
- Roof works
- Modular installation (routes agreed with highways and local Police)
- Internal fit out throughout both hybrid and modular sections including all M&E works (modules will be substantially complete)
- Services and utilities live
- Water tightness
- Drainage and services connections
- External façade works
- Completion of hard play and carpark areas
- Testing and commissioning

During the modular installation there will be a large crane on site and approximately 171 Module deliveries. This operation will take up to 18 days. All will be controlled by our experienced site team along with our transport partners. At no point will there be any delivery vehicles parked on Keresforth Close and all vehicles will be brought to site by an escort vehicle.

Phase 5 Completion

Phase 5 is the completion of the project including demobilising the site set up and removing from site

- Complete access roads/carparks/external works/fencing/gates, remove site set up.
- Complete all works to the perimeter/exterior of the building including hard and soft play areas.
- Complete all testing and commissioning, soak testing, snagging and handover.
- De-mobilise

The site team

The site team is pivotal to the successful running and completion of the project. The proposed team will consist of a site based Project Manager and Site Manager and visiting QS. The team will be led by one of our experienced Contracts Managers.

The team will liaise with all interested parties on a regular basis providing regular updates to our Employers and holding regular site based progress meetings. The team will also liaise

with the staff at the new High Point Secondary School to ensure for the project duration our presence on site and the works being undertaken have the least possible impact.

The site will be registered with the CCS and be regularly audited both internally and externally regarding Health and safety which we will not compromise on.