

Construction Management Plan for North Manchester General Hospital

Endoscopy Department AHU Installation



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1. Introduction

The works comprise: The installation of 1no Air Handling unit to external space adjacent to the existing Endoscopy Department and new fence line to enclose the plant installation at North Manchester General Hospital, Delaunays Road, Manchester, M8 5RB

All Hospital areas will remain fully operational throughout the duration of the works.

2. Project Team

Client

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The management structure employed by the contractor during the course of the works is as indicated on Appendix C. The roles and responsibilities of the individuals employed with respect to Health & Safety are detailed within Section 3 of our Health & Safety Policy.

The Site Manager will be Mr Phill Ashton and be assisted on site by our Contracts Manager Mr Ian Cantliff.



Emergency Contact Numbers

City Build Ltd
Phill Ashton, Site Manager – 07792 740 211
Ian Cantliff, Contracts Manager – 07771 874 290
George Gardner, Quantity Surveyor – 07971 829 943

Note : Phill's number will be displayed on the site sign board at the main entrance

Programme

Site Commencement : TBC
Project Completion : TBC

3. Site Working Hours

Subject to any local planning restrictions, the site activities will be carried out during the hours of:

Monday to Friday - 7.30am to 4.00pm

Weekends - 7.30am to 4.00pm where necessary as agreed with Project Management

4. Vehicle Routing Strategy

Movement of traffic to and from the site will be restricted and controlled at sensitive times and programmed so as not to conflict with peak periods of the day.

Access & egress route to the site compound is shown below in 7d Accommodation / storage /Unloading & loading

Access into the work area will be via the hospitals basement corridor.

5. Visitor & Operative Parking

There will be onsite parking available within City Build's Site compound. This will be on a first come first served basis, all operatives to ensure they park legally.

In line with our Environmental Policy and bearing in mind the limited parking options we will promote the use of public transport and designated drop off points.

6. Site Compound see Below

7a. Hoarding



NMGH CONSTRUCTION PHASE PLAN



Hoardings will be erected to the perimeter of each area where works are to be carried out.

Work areas are to be cordoned off using Hoardfast PVC Panels with a double door set fitted with a digilock for security.



The site compound as indicated on appendix C. The type of hoarding will be Heras type fencing as indicated below. Access to the site area will be cordoned off with Chapter 8 barriers see below



7b. Access to Adjacent Premises

Clear access to be maintained at all times as not to disturb the hospital Staff, Visitors, Ambulances and all deliveries.

Site deliveries are to be made out of hours (before 08.00 or after 19.00)

All access routes to be kept clear with all work areas barriered off and signage displayed.

roof access to be kept secure at all times

Banksman used when require and barriers and signage in place

7c. Site Accommodation / Storage / Unloading & Loading

Site Accommodation / Storage / Unloading & Loading

Appendix C



Site Compound comprises

1 x 21' Site Office/Canteen

1no Site Toilet

1no Generator

Our Site Welfare Facilities will be in accordance with The [Workplace \(Health, Safety and Welfare\) Regulations 1992](#)

With regards to unloading of materials, removal of waste and the distribution of materials all vehicles will enter the compound area to unload. Some smaller deliveries will be direct to site.

The site has limited space for external storage therefore upon delivery all materials will be stored in the Store Cabin located within City Build's Site Compound. Materials will then be distributed to the work area as and when required.

8. Waste Management

In general City Build shall look to reduce the need for waste disposal, minimise the generation and environmental impacts of waste arising during the works, and maximise opportunities for the re-use and recovery of waste.

Measures of how we intend to reduce, re-use, recycle and manage waste include the following:

- Ensure that all material removed from site is taken to waste recycling stations and separated for recycling.
- Records of the waste recycling will be provided by the recycling stations.
- Enforcing good housekeeping measures e.g. proper storage of materials to minimise spillage
- Monitoring the generation of waste in order to identify trends and areas for further investigation.
- Identifying recyclable and salvageable materials and where feasible and find secondary and alternative uses.
- Segregate waste types to facilitate recycling activities.
- Working with suppliers / subcontractors to minimise surplus waste delivered to site.
- Working with suppliers / subcontractors to ensure only the necessary minimum of packaging is used.
- Consideration of alternative materials with lower wastage levels.
- Ensuring that the Duty of Care and other legal requirements are complied with during the disposal of wastes.
- Consulting with suppliers to determine correct / appropriate disposal routes for waste products and containers.
- Setting waste reduction targets as well as educating and informing staff.

9. Noise Control

9a. Surrounding Areas

The noise levels created by the works will be very minimal and shouldn't cause any disruption to the department or surrounding areas

The noise levels will be monitored throughout the construction phase and appropriate mitigation measures put in place where necessary.



9b. Mitigation Measures

Recommendation for the control of noise and vibration on construction sites are set out in BS 5228. All staff and site operatives will be briefed via the site induction and toolbox talks on the requirement to minimise nuisance from site activities. In all instances the best practicable means will be employed to minimise noise levels during construction. The following methods will be used where appropriate:

- Plant and equipment will be maintained in good working order and fitted with silencers and acoustic baffles where appropriate.
- All plant will be shut down or throttled back between periods of use.
- Methods used for concrete breaking and demolition should be carefully considered, non-percussive means should be used where possible.
- Use of hydraulic or electric tools where possible.
- Strict adherence to the site working hours prescribed in section 4.
- Use of resilient materials to reduce noise impact where practicable.

It is acknowledged that certain aspects of the project such as demolition will produce greater noise levels so particular care will be taken during these times.

10. Dust Control

The site is in close proximity to residential/commercial properties and the public at large, therefore practicable measures to control dust must be employed at all times.

Therefore, the following measures to control dust emissions through good housekeeping and site operational practices shall be carried out. These include:

- **Sheeting of vehicles:** all HGVs carrying loose material capable of spillage, or which has the potential to give rise to dusty emissions from the vehicles during transit shall be sheeted.
- **Compound:** an area of hard standing of reasonable size shall be provided by the Contractor around site offices and over vehicle management areas, so that dust will be kept to a minimum by appropriate control methods.
- **Water bowsers/sprays:** Water sprays shall be applied to all demolition operations as the Client Project Manager considers appropriate.
- **Dust collection during cutting and grinding works:** if this is not carried out in an enclosure, tools shall be used that are fitted with dust collection devices (excluding small tools which require a continuously wet working surface).
- **Compliance by construction vehicles with emissions legislation, servicing and MOT requirements:** all vehicles regularly used on site shall comply with the relevant emissions standards and shall be serviced in accordance with the manufacturer's recommendations. The Contractor is encouraged to use vehicles and plant that meet the latest emissions regulations.
- **Engine idling time:** No construction plant or vehicle shall leave its engine running when not directly in use, except where the Project Manager considers that there are operational or other reasons to justify an exception.



- **Wash down facilities:** Any machinery, plant or vehicle that has the potential to cause an excessive dust or mud problem on the public highway will have the facility to be washed down by a spray gun.

The Contractor shall keep a log-book available for inspection by the local authorities, in order to record the following matters:

- Any complaint relating to emissions alleged to be due to construction activity received from a local resident or business, including date and nature of the complaint and any measures taken as a result of that complaint.
- The date and location of cleaning off paved areas and off-site roads; and
- The date and vehicle registration number of any construction vehicle that is observed carrying material that has the potential to release dust during transit and is not covered. Details of measures taken to prevent further occurrence shall be included.

11. Communication Strategy

11a. Operatives

It will be mandatory, for all subcontractors and operatives working on the site to undergo a formal induction prior to entering the site. A record of the inductions will be subsequently kept on site. In addition to the induction regular tool-box talks will be delivered which will focus on particular site activities and the potential environmental risk arising from this task.

11b. Community

All complaints will be logged including details of the locations affected, time of disturbance and the nature of the noise. Monitoring of the complaints can assist with managing the works to reduce the likelihood of further complaints.

12. Consideration of other Ongoing Construction Works

There are multiple ongoing works in the area at the moment. Consideration to be given to any other Construction works ongoing whilst we are on Site and to constantly evaluate if they will impact our site.

13. Site Security

At the commencement of each working day all operatives must sign-in with the Site Manager at the site compound. Upon signing-in all operatives will be given a hi-vis vest from City Build Ltd.'s Site Manager. City Build will also have a nominated individual whose responsibility will be to control of access and ingress to the site.



Appendices

A – Contract Programme TBC

B – Delivery Routes

C – Management Structure

D - Site Plan: Site Compound / Accommodation

APPENDIX B – Delivery Routes

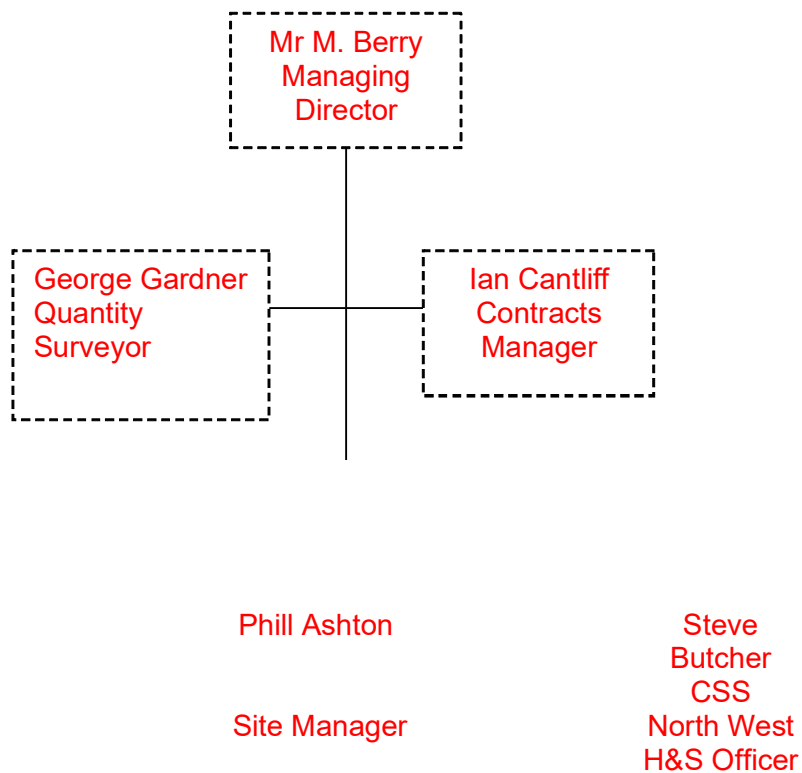


APPENDIX C – Management Structure



Management Structure

Endoscopy Department AHU Installation



APPENDIX D – Site Plan, Compound & Accommodation



Site Compound comprises

1 x 21^m Site Office/Canteen

1no Site Toilet