P675

NT02

Construction Phase Management Plan



HG CONSTRUCTION

AMMENDMENT RECORD

DATE	DESCRIPTION	BY	[redacted]
Sept 2026	First Issue.	SIMON WILSON	
October 2026	Amended items as requested – 1.2.16 (P58/59)	SIMON WILSON	

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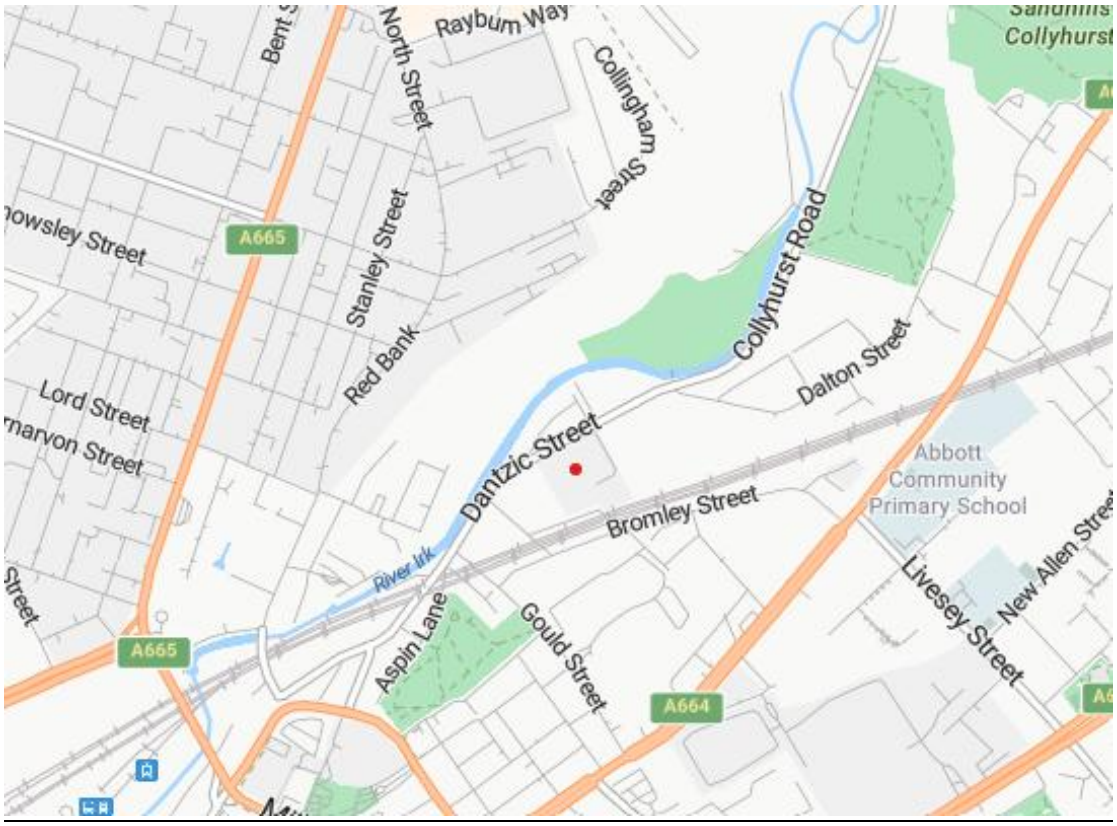
1. INTRODUCTION

This Construction Phase Health and Safety Plan has been compiled by the HG Construction project management team to comply with regulation 12 of the Construction Design and Management Regulations 2015 (CDM). The Plan forms the basis of health and safety management on the site and allows the Client to comply with regulation 4 of CDM.

The plan is a "live document" to be supplemented as the project develops by the introduction of supporting documents such as Sub-Contractor method statements, risk assessments or any documentation relevant to the health and safety of the project.

The issue of the document and any related data is to be in accordance with procedure ***HGC21 – Document & Data Control***.

LOCATION MAP,



Red dot indicates site location adjacent to Dantzic St, M4 4DD,

1. PROJECT DETAILS

PROJECT ADDRESS

NT02.
200, Dantzic Street,
Collyhurst,
Manchester
M4 4DD

GENERAL SCOPE OF WORKS:

The scheme consists of one RC frame 35 storey tower with 316 apartments/dwellings, piling and foundations to the design intent issued, external unitized Facade, hot melt roofing system, Internal plasterboard walls and incorporating bathroom pods,
Integrated Mechanical and electrical fit out to the preferred design,
The development includes public communal areas and commercial units withing the ground floor areas, external hard and soft landscaping,

PLANNING PORTAL NUMBER: PP – 14445874 (136814/FO/2023) NT02 only

Commencement and Duration: start on site 29th Sept 2026 – duration 151 weeks inc enabling

Construction main phase period: 131 weeks;

Trade - operatives and General Management on site will peak at 350 number,

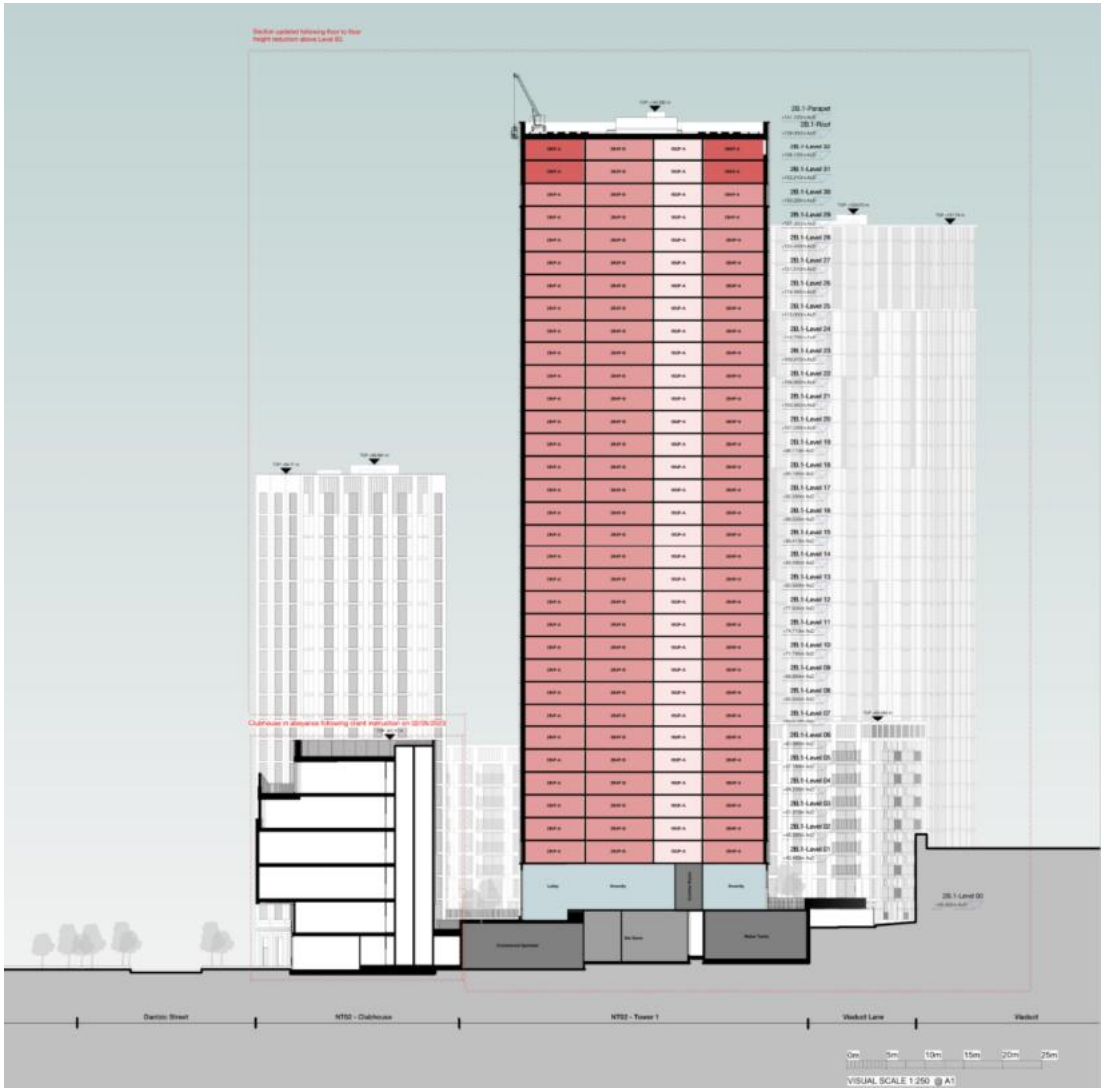
Subcontractors linked to site works: 25 number

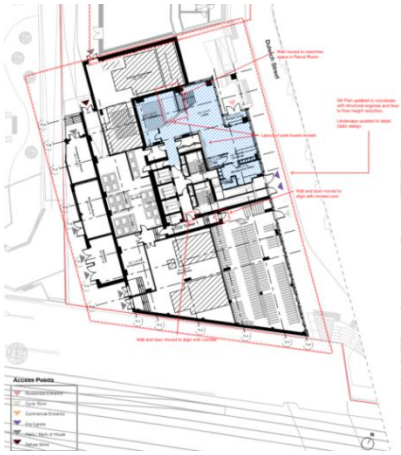
Emergency contact numbers are as follows:

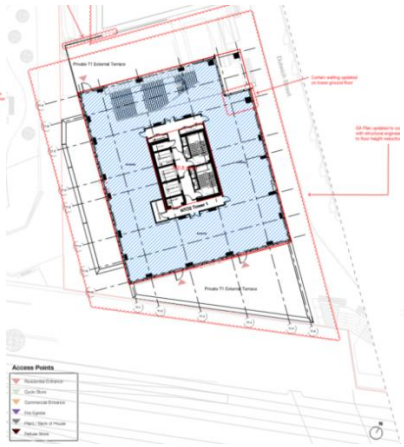
Simon Wilson – Project Director: [redacted]
Steve Anders - Senior QS: [redacted]
Kevin Kean – RC Frame Manager [redacted]
Security – TBC

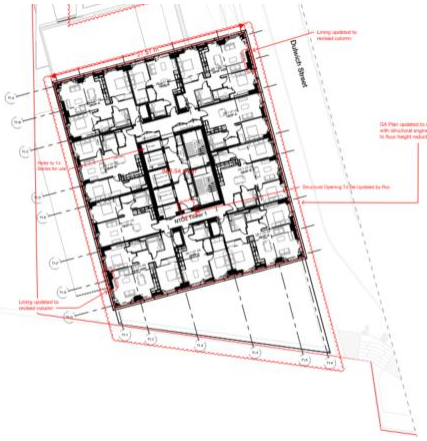
General Construction Methodology which links to the crane installation and jumping, the below methodology shows construction of piling/ground beams, core and floors.

- Piling works commence and installed to agreed final design including crane base piles,
- crane base and crane installation,
- Ground beams waterproofing and retaining walls,
- excavations for core,
- traditional construct core to ground floor,
- construction of ground floor
- traditionally construct core to level 2,
- install jump form to core,
- jump to level 4,
- prep and cast level 1,
- jump core the continues as per listed 4 floors in front of the floor plates to level 34 & overrun,
- crane will tie to face of slabs once throughout the floor plate casting,
- cast roof slab,
- floor plates will rise in the build process as per the construction program.
- Unitised Façade will follow once the floor plates have reached level 10,
- internals will then follow on once we have a watertight zone,
- m&e first fix works will commence as soon as the floor plates are watertight, with tray and trunking starting earlier,
- external works and incoming services will be on going thought the internal working,
- along with the roof coverings once the Frame is topped out,


Dantzic Street
NT02 - Clubhouse
NT02 - Tower 1
Viaduct Lane
Viaduct
VISUAL SCALE 1:250 @ A1







SITE CONSTRCUTION/OPENING TIMES (subject to change)

A Monday to Friday : 0730 - 1800
B Saturday: 0830 – 1400
C Sunday & Bank Holiday: No Working allowed (unless agreed in writing).

- **Commence on site date: TBC (generally 8 weeks after contract agreed)**

For further details see the Construction Programme in **Appendix 1** of this document.

SITE ACCESS:

Vehicular Egress from site will be via Gate Number 1, from the rear of NT04 land and down a designated designed road to service NT02 & 3,

The site is bounded by:

- Adjacent building land boundary newly developed

Access to site for deliveries will access via gate number 1 - off Dalton Street and exit at gate number 2 down Dulwich Street and turn right on to Dantzic Street (no access or traffic movements will be permitted via Dantzic street in front of NT01)- Due to the confined nature of access and egress on time deliveries will be preferred and also logged in by using our online Zone Manager portal, vehicles will be brought into site where un-loading bays are situated. No vehicular idling is permitted outside of site. The un-loading bays in site will be utilized for un-loading of Articulated Lorries and HGVs. This will allow the delivery vehicles to access the site from Street and pull directly into the selected bay/Area for un-loading with the tower crane TC1, and forklift where required.
Ther will always be a gate operative and Trained Traffic marshal present for incoming and outgoing vehicles and to manage the deliveries, coordinate local traffic where necessary and always ensure pedestrian safety.

VEHICLE PARKING

No onsite daily parking is available at present but there is local van and car parking very close to site, Vans can be unloaded within the site and working area and then parked in a safe parking location close by,

Secure parking Locations:

- CPP parking Gould Street – 5-minute walk from site
- Park Bee, RCP Rochdale road – 7-minute walk from site

SECURITY ARRANGEMENTS

The intention is to accept and take on the Erected close-boarded hoarding around the site, internal palisade fencing will be in place around the actual site compound, offices and Welfare, we initiate a regular hoarding inspection that is undertaken daily, and records are kept on site to be viewed at any time. Controlled access for vehicles and a separate one for pedestrians (via a turnstile entry system situated off Dantzic St.) This is policed by the means of traffic marshals and permanent gate operatives,

Access and egress from the site are to be via designated entry points only and will be by a monitored turnstile system which has a facial recognition to enter, fire rollcall is part of the system for the evacuation and checking of personnel, we also will have a full CCTV monitored site back to a central hub,
The main construction site is separated to the site compound which is only accessible by the site face recognition system and full monitored, this is divided by a 2.4m high palisade anti-climb fence to separate the two areas for safety,
Full-time on-site surveillance and security cameras running constantly through the day and monitored Outside normal working hours the site will be left locked and secure at all times.

NEIGHBOURING PROPERTIES & RESTRICTIONS

- Adjacent building land boundary to the side of NT02, 190 Dantzic Street, Manchester, M4 4LF, England
- Network Rail to the rear of the site, (ArchCo managed land also)
- Dantzic street to the front of site for egress/Exit to and from NT02/03, (Exit Right Only)
- Construction Traffic will Enter site off Dalton St only,

- There is no construction access in front of NT01

WELFARE

Welfare arrangements will consist of the following:

- Suitable and sufficient number of toilets will be live on site and a satellite toilet block may also be in use.
- Wash basins of adequate size with warm (hot and cold) water, soap and towels/hand dryers for hygiene purposes.
- Facilities for changing, drying and storing clothes. Personal lockers,
- Supplies of filtered cold drinking water.
- Adequate accommodations to sit and take meals, make drinks, and prepare hot food, fridge storage food warming facilities.
- Where possible we aim to provide an onsite catering facility that can provide food daily to the site team and operatives,

- Clean and healthy environment will be upkept throughout the project,
- Welfare visits form local nurses and medical staff will be programmed on a regular basis for anyone to book an appointment for general on site working welfare,

At the height of the construction the total people on site can exceed possibly 350 plus on any one day, therefore the toilet facilities will consist of urinals, toilets and toilets with washing facilities for female visitors including separate toilets, changing and drying Facilities accordance with: **Schedule 2** of the **Construction (Design & Management) Regulations 2015** and **INDG293.**

If the figure of 350 is permanently exceeded additional facilities will be provided in accordance with the stated regulations and guidance.

Waste from welfare facilities shall be discharged into a suitable foul water drain off site under licence,

Where employees are exposed to health risks from activities e.g., handling concrete, exposure to sewerage etc. then additional facilities such as showers may be required.

There is also a washing machine to be provided for use on site if needed,

HG implement a toilet welfare system on site in a suitable position, this being premade pods from our in-house supplier which are distributed every 5 or 6 floors allowing for this facility to be used rather than coming to the actual compound,

HG do also have shower facilities within their welfare set up allowing for operatives to take a shower if needed,

All welfare facilities provided by HG Construction will be maintained in a clean and orderly condition, any defects or damage are to be immediately reported to site management.

EXISTING SERVICES

Devices (scanner etc) will be used to identify the locations of water, electricity, gas, telecoms, and drainage (including services buried by HG Construction). If required additional assistance from one of the existing service suppliers will be sought to ensure all services are correctly identified. Locations are to be marked and recorded on a site plan in the site office.
At present all electricity mains have been removed to our Knowledge, no water is present either, scanning will take place whenever excavations are being done as we are aware of the live Gas main running through site between NT02 & NT03,

This information must be readily available, and location of information clearly stated. This information is to be supplied to the Principal Designer for inclusion in the Health & Safety File.
We have been informed that there **is live Gas Main on the site** as all others cleared but we still put the correct procedures in place to check ground before digging, the easement and restricted areas are marked on the service drawings,



HAZARDOUS MATERIALS

Manufacturers Safety Data Sheets are to be obtained for all materials that are used. COSHH Assessments are to be carried out on all hazardous products in compliance with COSHH Regulations. Statements covering their management and use are to be produced and retained on site for reference.

Persons on site will receive toolbox talks on materials they may come in contact with. Additional warning notices and information sheets are to be posted in site accommodation.

Sub-Contractors will have to provide evidence that operatives within their employment have been suitably briefed.

Information on any hazardous materials will be supplied to the Principal Designer at the completion of construction for including in the Health & Safety File.

ASBESTOS

Not Applicable – unless anything is detected in any offsite material's to be removed,

Any removal of Materials will be carried out by a suitable licensed asbestos removal contractor.

TEMPORARY WORKS

All temporary works on site will be managed in accordance with ***BS 5975:2008 Code of Practice for Temporary Works Procedures & the Permissible Stress Design of Falsework*** which provides and framework for the control of all temporary works.

Temporary Works Co-ordinator & Supervisor will sit on the project staff and run the project in accordance with the above code of practice. A temporary works engineer has been appointed as needed to carry out any works or designs,
There will be several points of engagement with NwR to qualify the close proximity working,

Vibration and noise monitoring will also be in place as needed and agreed with the respective authorities and Party wall surveyors,

PERMITS TO WORK

High risk operations carried out on site will be subject to a strict Permit to Work regime in accordance with procedure ***HS 026 – Permit to Work***.

It is important to remember that a Permit to Work procedure only controls those risks related to the 'system' or area where the work is to be undertaken. **It does not** implement the control measures necessary to control the risks introduced by the way in which the work is carried out or by the work processes adopted. Such 'general safety' precautions are the responsibility of the persons supervising and or in charge of the working party (Permit Holder) and must be implemented prior to work starting and be maintained throughout the course of the work.

WASTE DISPOSAL

All waste materials generated on site will be treated in accordance with the Site Waste Management Plan, making full utilisation of material reuse and recycling where possible.

Any materials that are deemed hazardous are to be handled and transported by the relevant guidelines specific to the material type. Records are to be kept of loads leaving site, detailing the type, weight and destination.
Tickets issued at the final disposing point are to be returned to the site and held with the Site Safety file.
The Company appointed for our waste removal will develop an issue a monthly waste management report.

The site will provide suitable PPE for this work for employed operatives; sub-contractors will be expected to provide appropriate PPE.

The Site Waste Management Plan is to be developed using the ***Site Plan*** portal and copies are to be held on site and Head Office.

H&S GOALS & OBJECTIVES

Health & Safety Goals for the project set by HG Construction with the agreement and commitment of the Project Manager. These goals will be explained to the contractors prior to appointment and to the operatives at the site safety induction when their co-operation will be requested:

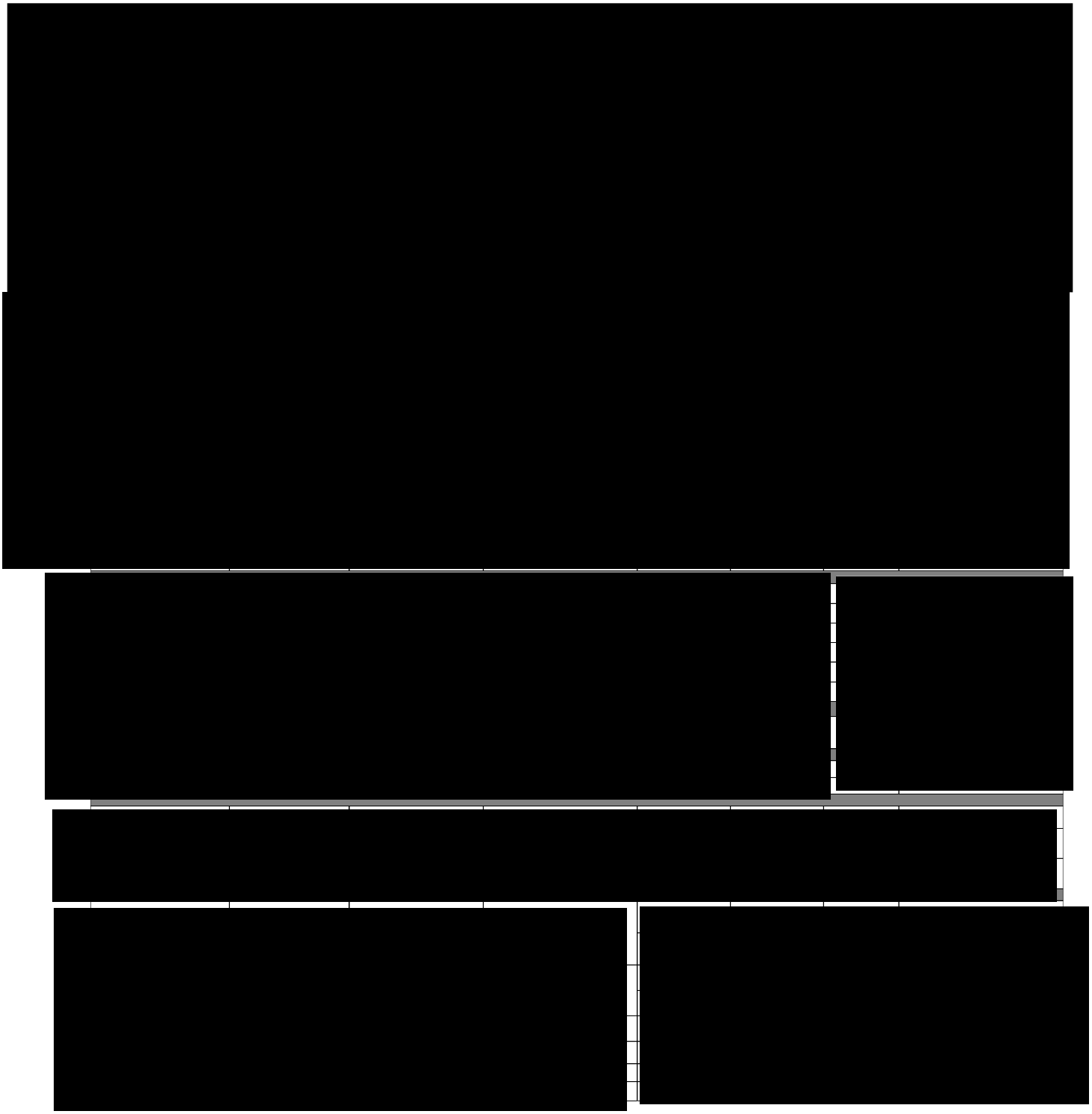
- To have no reportable accident or dangerous occurrences on the project.
- To achieve 100% CSCS card holders on site and where contractors fall below these level 3 months will be given to achieve this target.
- To achieve 85% with the new Considerate Constructors Scoring Scheme and reports.

EXTENT & LOCATION OF EXISTING RECORDS & PLANS

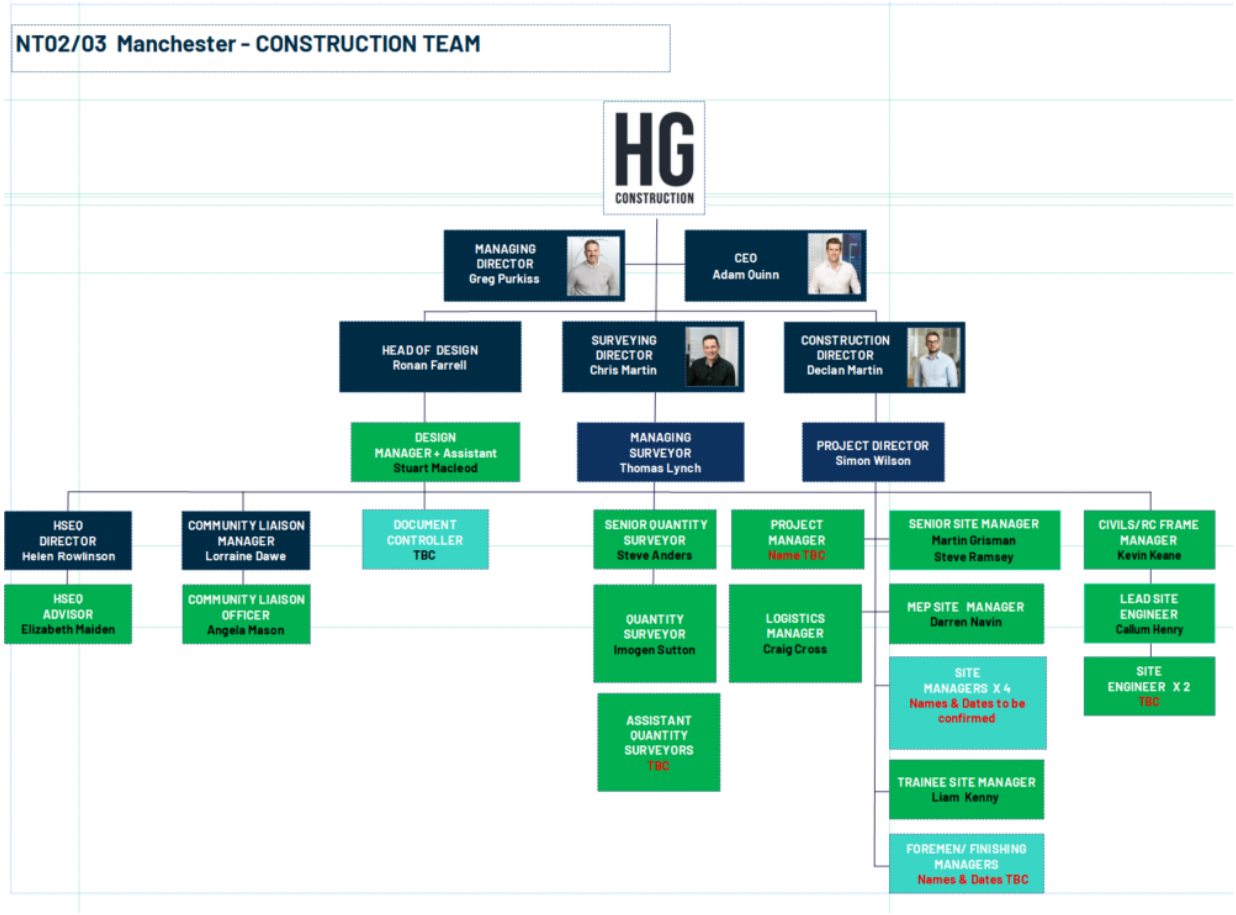
Existing records and plans are as detailed in the Pre-Construction Information Pack. The Pre-Construction Information Pack should be read in conjunction with this safety plan where a copy is always readily available on site,



03 - NT02/03 – FULL DETAILS & PROJECT DIRECTORY (ALSO ON FILE)



HGC – Construction Team



Project Director: to oversee the Whole process of the project from concept to completion, the day-to-day monitoring of the site staff and progress along with H&S, design, procurement, programming and Planning along with being client faced daily,

Project Manager: General day to day running of the overall scheme reporting to the Project Director weekly, H&S monitoring, design change notifications, daily reporting regard the overall scheme, liaise with onsite staff, sub-contract procurement ability to keep a smooth running of the project,

Senior Site Manager: Daily on-site monitoring of all aspects of the scheme, H&S, directing site managers to undertake the correct procedures in the construction process, monitoring quality and subcontractor build process, RAMS assessments, daily checks of site and surroundings

Site Managers: Day to day running of the construction site, from H&S to inductions, subcontract program and planning, RAMS assessments, daily checks on all aspects of construction, QA, reporting to senior management,

A full breakdown of rolls and responsibilities are logged on site to view at any point or visit,

2. F10

The completed F10 is to be displayed in a prominent location on site also within the site offices.

3. H&S COMMUNICATION & COMMUNITY LIAISON

COMMUNITY LIAISON

HGC have a visiting community liaison officer who will implement any community engagements required, this includes regular appointments with local schools and colleges, community centres and the general public,

There is a regular drop letter that will be circulated to any local residents explaining the future planning and engaging with anyone wanting to understand the nature of the construction and if there will be any adverse effects to their general welfare and wellbeing,

HGC work very closely with the local community to give back as much as we can and understand any support required to make living in the areas connected unaffected by the sequenced works, some examples of our introduction letter and community newsletter are attached.

HEALTH & SAFETY AIMS & ARRANGEMENTS FOR MONITORING & REVIEW OF HEALTH & SAFETY PERFORMANCE

Our health and safety aim for the project is to complete the project with a minimal risk to both our employees and other persons within the vicinity of the works.

Our health and safety performance will be monitored by our HSEQ Compliance Manager, and the review process will be by health and safety meetings held at our main office and on site as required. Site Safety Audits on set-up weekly and when established every two weeks or twice a calendar month. Additional visits will take place as required.



I. MONITORING

The monitoring of health and safety on the project will be based on guidance contained in HSE guidance "Successful Health and Safety Management" HS(G)65 and active monitoring systems i.e., identification of potential risks before things go wrong.
The following levels of monitoring will be implemented on the project:

LEVEL 1:
Evaluation of effectiveness of Company Policy for Health, Safety and Welfare at Work together with the availability and compliance with risk assessments. A Safety Audit is carried out not less than once a month, in the early stages this can be more frequently. These visits are random and unannounced by the HSEQ Compliance Manager. Copies are held in the company safety file on site for inspection.
Audit Items:

- Registers, Notices, Certificates etc.
- Health, Welfare and First Aid.
- Fire Precautions.
- Protective Equipment.
- Lifting Appliances and Lifting Gear.
- Noise Assessments.
- Plant and Site Transport.
- Small Tools and Abrasive Wheels.
- Electrical Distribution and Services.
- Hazardous Substances.
- Temporary Works Procedures.
- Demolition.
- Scaffolding and Access.
- Excavations
- Roof work and Edge Protection.
- Training.
- Asbestos.
- Falsework.
- Steel Erection.
- Contractors Procedures.

LEVEL 2:

Site Safety Supervisors Weekly Inspection Report to be completed at a frequency not exceeding 7 days and forwarded to the Project Manager.

Project Director or Project Manager reviews against his list of checks completes his level 1 and checks level 2 report and actions as required. Then forwards these to the Company HSEQ Manager.

II. Regular Liaison Between Parties on Site.

Liaison between HG Construction and the site will be via Site Meetings and Design Meetings. These are to be agreed by both parties but will normally take place at a weekly and monthly level. Dates and times have not been agreed at this time. The meetings are to be recorded and the minutes displayed in the site cabins and held on file (any sensitive materials are to be excluded) additional circulation is to be agreed at this first meeting.

Liaison with the persons employed on site will be via the Site Manager. He will intern take any points raised to the appropriate meeting and the response to the points relayed back to him/her. These points are to be kept for inclusion in the Health & Safety File.

Additional information will be posted in the canteen for all persons on site relating to work issues on site with any additional advice.

III. Consultation with the Workforce.

Workforce consultation will take place by initial induction training when starting on site. This will then be supplemented by the provision of toolbox talks. This consultation will be recorded as part of the site documentation. Additional matters will be dealt with as per Para II.

If the Site Manager has concerns as to the ability of an operative to understand instructions due to English not being their first language and not to a suitable level to allow easy communications, then Section **"HS104 – Migrant Workers"** of the Company Health and Safety Manual is to be invoked.

IV. The Exchange of Design Information between Client, Designers, Principal Designer & Contractors on Site.

The Principal Designer will be kept informed of any significant risk discovered throughout the project that may have implications for future works.
The process of any changes needs to be completed by the means of Major change process through the client, lead consultants and the regulator, minor changes if any are done by the means of a notification and issued on a 7-day notice where there are no hold ups of r implications, this can be a simple as a change of product or sub-contractor,

V. Handling Design Changes During the Project.

Works will be carried out in accordance with the contract specification and drawings supplied however in the event of changes with a Safety Impact the Principal Designer is to be consulted first.
As Principal Contractor HG Construction are responsible for the day-to-day Health & Safety within the site.

VI. Selection & Control of Contractors.

Contractors are selected in accordance with our Health and Safety Policy by the forwarding of a questionnaire which is then evaluated prior to appointment by HG Construction.

VII. Exchange of Health & Safety Information Between Contractors.

Main Contractors and Subcontractors are to be provided with health and safety information on commencement relating to the site. Free access to any method statements and risk assessments on the site. Access to the Pre-Construction Information Pack will be afforded to them.

All information is to be collated by the Site Manager for final inclusion in the Health & Safety File. During the contract the Principal Designer will be kept up to date on any additional information it is deemed relevant for him to be informed of.

VIII. Security, Site Induction & On-Site Training.

The work location will be maintained in a secure condition in accordance with HSE Guidance HSG 151 ***"Protecting the public your next move"***. We will utilise a banksman to supervise vehicular movements at the work location.

Checks will be made on arrival on site on the correct level of training for persons undertaking relevant tasks, examples include operation of plant and equipment together with specific training requirements where the equipment may be used i.e., abrasive wheels and tower scaffolds.

Information relating to persons working on site will be displayed in the relevant notice boards. This information is to include Site Regulation, First Aid, Fire and Traffic Plans and any additional relevant information.

During construction additional risk assessments will be carried out by HG Construction. Depending on the recommendations, the appropriate control measures and protection recommended will be applied in accordance with HSE recommendations and legal requirements.

Sub-Contractors will also have to provide their own assessments and their method of reducing the risks. These may be read in conjunction with HG Construction's safety plan and risk assessments.

HG Construction has an annual Training Plan relating to its directly employed work force. This training is tailored to the individual as required. The training involves the CITB and local approved trainers. Training normally takes place off site as required. All sub-contractors have been requested to provide training plans for their work force on site to ensure they are suitably qualified and competent in their areas.

4. RISK ASSESSMENTS & METHOD STATEMENTS

Risk assessments and method statements for undertaking the work form an integral part of this health and safety plan. Where necessary additional method statements will be provided which will then be approved by the Project Manager / Site Manager and added to this section of the plan.

These method statements will be kept in a separate file or filed with the relevant Sub-Contractor's correspondence.

HG Construction is an ISO 9001 / 2015 company all documentation including all files is controlled within this system. A dedicated system is in use on each site and is job specific with a standard framework for each site with a filing system provided forming the final safety file. These include all documentation relating to the contract.

The following registers are to be completed to form a record of all Risk Assessments and Method Statements used on the project.

Each method statement received from specialist sub-contractors employed by HG Construction to undertake specific operations on the project must be approved by the Site Manager prior to works commencing on site. A record of this is to be kept using the Method Statement Appraisal Form.

A copy of the Method Statement Appraisal Form can be found at the end of this section and when completed is to be attached to relevant method statement.

Hazard Identification

The basis of the following hazard identification table is that all employees of HG Construction Limited are competent and aware of standard Health & Safety risks associated with works on site. Where no general assessment is shown to be required this assumes standard practices and risks are evident from the information provided by the Principal Designers pre-construction Information Pack. Should the information provided identify abnormal conditions then site-specific assessments will be produced for the more commonplace elements of site hazards.

	Work Stage	Hazard	Risk Assessment Normally Required		Risk Assessment Provided	
			Yes	No	Yes	No
Health & Safety	General	Trip hazards through general site congestion	X		X	
		Falls from height – ladders, steps, towers	X		X	
		Dropping tools & materials from height	X		X	
		Use of general PPE (Hats/boots)		X		X
		Other PPE – harness, goggles, ear defenders	X			X
		Manual handling	X		X	
		Confined spaces	X			X
		Proximity of public and staff	X		X	
		Use of hired plant	X		X	
		COSHH	X			X
		Scaffolding	X		X	
		Hot Works	X		X	
	External Works	Use of elevating platforms	X		X	
		Weather conditions	X			X
	Demolition	Contact with live services	X		X	
		Asbestos	X		X	
		Sharps	X		X	
	Installation	All Sub-contract				
	Commissioning	General operations	X			X

	WORK STAGE	HAZARD	RISK ASSESSMENT NORMALLY REQUIRED		RISK ASSESSMENT PROVIDED	
			YES	NO	YES	NO
ENVIRONMENTAL	General	Dust	X		X	
		Contaminated Land	X		X	
		Fumes from Machinery	X		X	
		Noise	X		X	
		Oil / Diesel	X		X	
		Services	X		X	
		Traffic	X		X	
		Waste to Landfill	X		X	
		Working Hours	X		X	
		Light	X		X	

Dust Control:

Please note that any cutting of concrete, abrasive materials or substances that can cause dust will be firstly assessed and made sure it is covered in the RAMS for that specific task and water suppression will be implemented on all operations,

Other specific works will be covered within each individual sub-contractors RAMS

Risk Assessments

Risk assessments are being provided for the previously identified hazards that contain elements of work beyond the knowledge of competent site operatives. Specific areas of works containing hazardous operation have been identified and the risks associated with these are assessed on the following forms:

	Hazard	Assessment Form	Completed	
			Y/N	Date
Health & Safety	Trips etc	HGC 01	Y	03/01/2024
	Falls from height	HGC 01	Y	03/01/2024
	PPE	HGC 01	Y	03/01/2024
	Manual handling	HGC 01	Y	03/01/2024
	Portable tools	HGC 01	Y	03/01/2024
	Voids etc	HGC 01	Y	03/01/2024
	Hired Plant	HGC 01	Y	03/01/2024
	Cutting Drilling opening of structure	HGC 01	Y	03/01/2024
	Proximity of the public	HGC 01	Y	03/01/2024
	MEWP's	HGC 01	Y	03/01/2024
	Asbestos	HGC 01	Y	03/01/2024
	Hot Works	HGC 01	Y	03/01/2024
	Scaffolding	HGC 01	Y	03/01/2024
	Vehicle Movements	HGC 01	Y	03/01/2024
	Hazardous Substances	HGC 01	Y	03/01/2024
	Contact with Live Services	HGC 01	Y	03/01/2024
	Underground Services	HGC 01	Y	03/01/2024
	Overhead Services	HGC 01	Y	03/01/2024
	Demolition	HGC 01	Y	03/01/2024
	Excavation	HGC 01	Y	03/01/2024
	Sharps	HGC 01	Y	03/01/2024
	Vermin	HGC 01	Y	03/01/2024
	Waste Disposal	HGC 01	Y	03/01/2024
	Lifting	HGC 01	Y	03/01/2024
	Flooring	HGC 01	Y	03/01/2024
Environmental	Dust	HGC 02	Y	03/01/2024
	Contaminated Land	HGC 02	Y	03/01/2024
	Fumes from Machinery	HGC 02	Y	03/01/2024
	Noise	HGC 02	Y	03/01/2024
	Oil / Diesel	HGC 02	Y	03/01/2024
	Services	HGC 02	Y	03/01/2024
	Traffic	HGC 02	Y	03/01/2024
	Waste to Landfill	HGC 02	Y	03/01/2024
	Working Hours	HGC 02	Y	03/01/2024
	Light	HGC 02	Y	03/01/2024

R A - HGC – 01 (examples and will be registered as the specific project name)

Assessor:	H Rawlinson	Project:	P675 – NT02/03 - Manchester	Approval Date:	03/01/2025	Review Date:	05/01/26

Task / Operation	Potential Hazard	People at Risk	Initial Risk			Control Measures Specified	Residual Risk		
			L	S	RR		L	S	RR
General Working Environment	Trips etc.	All	4	3	12	Good housekeeping, policy of clean as you proceed to prevent accumulation of debris. Work only in well illuminated areas. Operatives to wear hard hats, boots with steel toecaps & mid-soles. Ear defenders appropriate to the exposure limits are to be provided if working in noisy areas.	3	2	6
General Site Access	Vehicles & Pedestrians on site.	Operatives & Third Parties	4	5	20	Controlled manned access to site during normal working hours. Security to control access outside these hours (to be confirmed).	3	2	6
Proximity of Public in Occupied Areas.	Injury to third parties	All	3	3	9	Ensure all work areas are correctly cordoned & notified as construction areas. Adequate warning signs to be posted. Do not commence works until you are sure that the area is safe. Movement of vehicles to be carefully monitored & controlled. Banksman must be present when reversing, audible & visual warning must be operating. Construct protected footpath & place warning signs. Secure site with minimum access points.	3	1	3
Waste Disposal	Fire, explosion, asphyxiation, contamination	Operatives	3	3	9	All waste is to be removed from site by licensed carrier or in the case of left-over materials by company vehicle. The Site Waste Management Plan will identify materials which are hazardous & to be removed in specific containers. All containers are to be checked for disposal instructions. DO NOT dispose of liquid waste into the local sewerage system or open watercourses. If in doubt seek advice.	2	2	4
Traffic Management	Movement of vehicles and pedestrians in & around the site	Operatives & Third Parties	4	4	16	Produce a traffic management plan to be posted in Site Office and Canteen. Mark the route in and out clearly with warnings to both drivers and pedestrians. No vehicles to reverse without the assistance of a Banksman. Advise suppliers of restrictions and entrance to site. Deliveries to be timed to occur during off peak times. Audible and visual hazard warning to be fitted to on site and delivery vehicles. Established barriered walkways to segregate vehicles and pedestrians. 5mph speed limit at all times on site.	3	2	6
Unloading Lorries	Falls from height, hit by falling objects, Fall of Load. Impact with vehicle	Operatives & Third parties	3	3	9	Ensure all site operatives, including lorry drivers, are wearing protective headgear, footwear & high visibility clothing. Ensure by visual inspection that all ground is level & compacted to suit vehicle tolerances in all manoeuvring & off-loading areas. Ensure that fall protection is in place prior to mounting the vehicle. Ensure that a competent person supervises all vehicles when reversing. All chains/straps/ropes to be removed by a competent person only when load is in final position.	2	2	4
Use of Hired Plant	Electrocution, physical injury	Operatives	4	4	16	Plant only to be hired from approved suppliers. All plant to be checked prior to use and not to be adapted in any way. Only to be used for the appropriate task. Damaged plant is not to be used & to be reported to site manager & hire company.	3	2	6

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Task / Operation	Potential Hazard	People at Risk	Initial Risk			Control Measures Specified	Residual Risk		
			L	S	RR		L	S	RR
Use of MEWP's	Falls from height, Impact or collision, contact with overhead power lines, falling tools or materials	Operatives	4	4	16	Only competent operatives with the appropriate IPAF licence should operate the vehicle. Operatives must be clipped on with a safety harness if there are other vehicles operating in the vicinity, there is the possibility of collision with buildings or structures or the ground is uneven. If there is a possibility of falling 2 metres or over the working platform must be fitted with double guardrails & toe boards. Any machine left unattended must have the ignition keys removed & battery terminals should be disconnected at the end of every shift. The vehicle must be suitable for the task intended, particularly in terms of size & weight of the load as well as the terrain to be driven over. Do not operate the equipment close to overhead power lines or other dangerous machinery. Do not move the equipment in the elevated position unless it is designed to do this safely. Do not allow the knuckle or elbow of the arm to protrude into a traffic route when working in the vicinity of other vehicles. The area below the work should be cordoned off. With the warning notices placed at relevant points. Records should be kept of regular maintenance & inspections.	3	3	9
Manual Handling	Strains, cuts etc.	All	3	4	12	Operative trained in manual handling techniques & to assess all loads prior to moving. Components sized to permit easy handling and movement by one person. Provision of lifting aids for bulky/heavy components	2	2	4
Portable Tools & Appliances	Electrocution, Entanglement, Eye damage	Operatives & third parties	3	5	15	Use of battery powered tools or 110V site transformers & tools; RCD protection is essential if 240V is unavoidable. Tools only to be used for appropriate works & not to be adapted. Cables & tools to be inspected at the start of each shift & any damages reported or repaired prior to use. All tools to comply with European or British Safety Standards & be regularly maintained in accordance with PUWER 1998. Operatives to be trained in the use proper use of tools & the importance of not leaving long hair & loose clothing hanging in the vicinity of the tool in use. Guards to be fitted at all times & not to be adapted or altered in any way. Operatives to be provided with appropriate PPE & eye protection. Work area to be suitably barriers to prevent access to immediate area by others.	2	3	6
Overhead Services	Electrocution from contact with electrical cables.	All	3	5	15	Obtain plans and details regarding the power lines. If possible, create alternative access points and routes, which are not affected by the overhead lines. Plant or equipment should not be used within 15 metres of overhead lines suspended from steel towers, or 9 metres if supported by wooden poles. Where closer approach is likely the lines should be made dead or barriers should be erected to prevent approach. Where work is to take place close to the lines barriers and goal posts should be erected after consultation with the electricity company so as to maintain a safe working distance. All lines must be assumed "live" until proven otherwise, even if they have been brought down by machinery	2	5	10
Lifting Operations	Falling materials. Collision with overhead	Operatives	3	5	15	All lifting to be performed in accordance with the Site Lifting Plan. Ensure that the operator is physically fit & competent for the work to be undertaken. They must also be over the age of 18 and hold a valid NPORS/CPCS licence. The crane & the lifting tackle must be suitable for the task to be carried out & must have up to date test certificates. Additionally, all the necessary inspections are to have been carried out to in line with	2	3	6

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Task / Operation	Potential Hazard	People at Risk	Initial Risk			Control Measures Specified	Residual Risk		
			L	S	RR		L	S	RR
	power lines, site based mobile plant, persons or structures. Extreme weather conditions. Failure of ground. Overturning.					legislative requirements. A competent person to check its capability to take the loads to be placed on it should assess the ground. If unsure specialist advice should be sort. Ensure that the approach & the working area are as level as possible & not in the vicinity of overhead power lines. Ensure that trained & competent persons are appointed as a signaller/slinger & that they are working in the correct manner. Ensure that the safe working load & radius indicator are working correctly. Ensure that the load is not slewing over any persons & that nobody is standing or walking under the load. When travelling ensure that the load is secured & carried as close to the ground as possible & that tag lines are used. Attention must be paid to the weather conditions, as high winds, heavy rain, snow or ice can have adverse effects on the safety of crane operations. Ensure that competent persons are trained in the rescue procedures for medical emergencies involving the crane driver. Ensure that the necessary rescue equipment is available at all times on site			
Poor Ground Conditions	Overturning of plant and equipment. Collapse of excavation	Operatives & Third Parties	3	4	12	Plan in temporary hard standings / roads. Adequately shore all excavations.	2	3	6
Underground Services	Toxic or flammable gases. Electrocution. Contact with severed fibre optic cables.	Operatives & Third Parties	3	5	15	Obtain surveys of existing gas, water, electricity, drainage & all underground/overhead cables. Thoroughly survey site using Cable Avoidance Tools to be used to locate services prior to work starting. Safe digging practices should be observed. All services to be assumed LIVE until proven otherwise.	2	3	6
Excavation	Contaminated ground, buried services, trench collapse	Operatives	3	3	9	Ensure excavations are protected. All excavations will be clearly marked to prevent plant from tipping in. Prevent unauthorised site entry. Agree method statements. Insert shoring procedures. View soil reports for possible contamination present & identify specific H&S requirements. Should unforeseen substances be identified by sight or smell then works will cease & further instruction sought. Ensure operatives wear protective clothing.	2	2	4
Use of Concrete	Skin/ eye damage	Operatives & Third Parties	4	3	12	Adopt appropriate COSHH controls. Avoid contact with skin. Wear PVC gloves at all times. Wear Overalls to ensure arms, legs and feet are covered at all times. Wash off contact area immediately with water. Avoid contact with eyes. Wear eye protection at all times. Wash out point to be established away from drains.	2	3	6

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Task / Operation	Potential Hazard	People at Risk	Initial Risk			Control Measures Specified	Residual Risk		
			L	S	RR		L	S	RR
Reinforced Concrete Works	Skin contact, eye damage.	Operatives & Third Parties	4	3	12	Ensure that works are carried out in line with approved method statements. Ensure that all temporary works have been designed, checked, approved & installed in accordance. Ensure that all correct systems of work are in place at all times, i.e., correct PPE. Working at height, manual handling, CPCS, etc. Ensure that all relevant permits are in place.	2	3	6
Use of Concrete Pump	Skin/ eye damage, Head injury from suspended boom hoses, vehicle movement	Operatives & Third Parties	3	4	12	Use of ropes & good manual handling practices to be adopted. Concrete Gang should wear a safety helmet, safety footwear, impervious gloves/gauntlets, high impact goggles & high visibility clothing. Until concrete is flowing smoothly out of the end of the delivery hose, or when a blockage occurs in the boom pipeline, all personnel should remain clear of the delivery hose & placing boom. Under no circumstances should any unauthorised personnel attempt to open the pipeline. All unnecessary personnel including the general public should be kept well away from the concreting area Inc. lower floors & staircases. Vehicles to be reversed under the guidance of a trained Banksman. Keep site personnel out of reversing area.	2	3	6
Use of Shutters	Struck by moving shutter. Fall from height. Muscular-skeletal injury	Operatives & Third Parties	3	5	15	Ensure that works are carried out in line with approved method statements. Ensure that all temporary works have been designed, checked, approved & installed in accordance. Ensure that all correct systems of work are in place at all times, i.e., correct PPE. Working at height, manual handling. Ensure that all relevant permits are in place.	2	3	6
Off Loading & Handling of large steel components	Struck / crushed by components. Muscular-skeletal injury	Operatives & Third Parties	3	5	15	Use mechanical hoist. Ensure appropriate & current test certificates are valid. Use of cordoned area & use Banksman.	2	3	6
Steel Erection	Struck / crushed by components. Falls from height. Muscular-skeletal injury	Operatives	3	5	15	Avoid working under beams during steel frame erection. Approved Method statements. Safe access & protected platform/scaffolding. Use mechanical hoist. Ensure appropriate test certificates are valid.	3	3	9

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Task / Operation	Potential Hazard	People at Risk	Initial Risk			Control Measures Specified	Residual Risk		
			L	S	RR		L	S	RR
Waste Disposal	Fire, explosion, asphyxiation, contamination	Operatives	3	3	9	All waste is to be removed from site by licensed carrier or in the case of left-over materials by company vehicle. The Site Waste Management Plan will identify materials which are hazardous & to be removed in specific containers. All containers are to be checked for disposal instructions. **DO NOT** dispose of liquid waste into the local sewerage system or open watercourses. **If in doubt seek advice**.	2	2	4
Demolition	Collapse of structure, asbestos, vermin, electrocution, fire	Operatives	4	5	20	Only trained & experienced contractors to be employed. Fence off area & display warning notices install temporary shoring as required. Provide suitable edge protection as required. Work to the method statement & demolition plan. Ensure all services are disconnected and made safe prior to commencement. The likelihood of vermin or asbestos being present to be considered. All operatives to be made aware of possibilities & to be watchful. Building to be removed in a recognised manner from the roof to the ground. Do not remove supporting structure until the area above is clear.	2	5	10
Demolition of Mezzanine	Uncontrolled collapse. Falls from height	Operatives	4	4	16	Structure to be dismantled by hand no cutting of members to be undertaken. Floor to be lifted to expose joints & waste removed to skips. Joints to be unbolted only after the beams/columns have been adequately supported by mobile crane. Members to be removed in sequence & no unbolting of members to be undertaken until released members removed from working area. All exposed leading edges to be protected & warning notices prominently located.	2	4	8
Uncontrolled Collapse	Crushing, instability of structure	All	2	5	10	Wall to be dismantled by means of hand-held tools & removed from the top down in courses. Any noted instability of the internal wall is to require all works to cease & further instruction sought from a structural engineer. Designated sterile area to be provided internally during the works - no staff access at any time	1	5	5
Asbestos	Inhalation of fibres, falls through fragile materials	Operatives	3	5	15	All site-based operatives to be asbestos awareness trained. If the presence of asbestos is suspected a survey should be carried out by UKAS accredited consultants to establish the nature & extent of the asbestos prior to the commencement of work. Removal should be carried out by Licensed Contractors & in accordance with an appropriate method statement. Areas should be designated as “asbestos areas” or “respirator zones” as appropriate & clearly marked as such. Access to these areas should be restricted. All equipment contaminated by dust, including extraction & vacuum equipment, must be maintained in a clean & efficient condition. Dust suppression by wetting should be used where appropriate. All waste material (including protective clothing) should be double bagged & labelled “Asbestos”. Decontamination units should be available on site. Operatives should not eat, drink or smoke in the designated areas. Operatives must be instructed to never intentionally drill or work asbestos containing materials. If in doubt seek advice.	2	5	10

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Task / Operation	Potential Hazard	People at Risk	Initial Risk			Control Measures Specified	Residual Risk		
			L	S	RR		L	S	RR
Cutting Drilling Opening of Structure	Concealed services electrocution, explosion	Operatives	3	5	15	Operatives to check by means of appropriate detectors for hidden services within wall etc. Check opposite side of any wall, which is to be worked on or demolished. Check with M&E contractors for any known routes & ensure services are made safe prior to working. If in doubt Seek Advice.	2	3	6
Contact with Live Services	Electrocution, fire, explosion	Operatives & Third Parties	3	5	15	Check with site management for records of service routes. Before opening any structure or excavation carry out CAT scan & visual inspections. If in doubt seek advice.	2	3	6
Noise	Hearing Loss	Operatives & third parties	4	4	16	Appropriate PPE to be issued to operatives affected by these conditions. Ear defenders to be selected for the appropriate noise range. Noise zones to be established to protect third parties where noise assessment indicates need. Tools to be selected for the operation & to be suppressed, if possible, to limit noise.	3	2	6
Dust	Respiratory problems. Eye irritation. Contact dermatitis	Operatives & third parties	4	4	16	Area to be well ventilated to reduce build-up of dust or dust extraction equipment to be provided. Use water bowsers to dampen the working area to control dust levels. Housekeeping. No eating, drinking or smoking in the vicinity of the work. Good levels of personal hygiene. RPE.	2	2	4
Vibration	Vibration white finger	Operatives	3	4	12	Operatives to be made aware of the symptoms & associated potential for risk associated with the effects of vibration on the body. Gloves are to be worn & regular breaks from the operation are to be taken. Operatives to keep warm in cold weather to ensure circulation is maintained.	2	2	4
Sharps	Cuts & puncture wounds from syringes/needles, broken glass, razor blades or similar. Infection from contaminated syringes etc.	Operatives	3	3	9	Where there is a foreseeable likelihood operatives must be informed in the site induction & the contents of this risk assessment brought to their attention. If there is a reasonably foreseeable risk of sharps being present a site sharps kit will be assembled & kept in the site office. The kit will comprise: disposable tongs, stout rubber gloves & 'sharps box' (obtained from health authority). If sharps are discovered & there is not a sharps box on site, a suitable metal or strong plastic container labelled "sharps box" should be used to hold any blades or syringes discovered on site. Avoid putting hands into chambers or voids, behind seat cushions or other places where sharps could have been deposited. If sharps are discovered on site notify the Site Manager. When sharps are discovered, they should be picked up carefully with gloved hands or tongs & deposited in the sharps box or another suitable container. If anyone is wounded by a syringe needle or other sharp, seek first aid advice & notify the site manager.	2	2	4

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Task / Operation	Potential Hazard	People at Risk	Initial Risk			Control Measures Specified	Residual Risk		
			L	S	RR		L	S	RR
Leptospirosis	Urine of infected rats or watercourses contaminated with it.	Operatives	3	3	9	Cover all cuts & skin abrasions with waterproof dressings before & during work. Remove any contaminated clothing & wash your hands before eating, drinking or smoking. Control or eliminate rats on site. Use a tool or wear protective gloves to move dead rats. Consult a physician if feeling unwell & inform them that you may have been exposed to rat's urine.	1	3	3
Psittacosis	Any work that involves the likelihood of contact with birds.	Operatives	3	3	9	Cover all cuts & skin abrasions with waterproof dressings before & during work. Remove any contaminated clothing & wash your hands before eating, drinking or smoking. Control or eliminate birds on site. Use a tool or wear protective gloves to move dead birds or their secretions & faeces. Avoid dry sweeping; all waste materials should be wetted with a disinfectant prior to removal. If possible, use local exhaust ventilation. Consult a physician if feeling unwell & inform them that you may have been exposed to birds infected with Chlamydia psittaci.	1	3	3
Scaffolding	Collapse of structure. Falls from height. Falling materials.	Operatives & Third parties	4	4	16	Only authorised & competent persons should erect, modify or dismantle scaffolding (hand-over certificates must be obtained). The structure should conform to BS 5973. The scaffold must be inspected by a competent person weekly or after any alterations or adverse weather conditions. All working areas where it is possible for a person to fall more than 2 metres must have double guardrails & toe boards fitted. Any unused ladder access points or where guardrails & toe boards have been removed for access must have them replaced or fitted. Ties removed for any purpose must be replaced immediately or alternative ties fitted. Traffic movement around the base of the scaffold should be restricted. Operatives must be instructed not to throw items from the top of the scaffold. Very high scaffolds or those close to public areas should be fitted with debris guards or fans. Ground level access ladders must be removed or covered with boards out of working hours to prevent unauthorised access by trespassers.	2	4	8
Mobile Towers	Falls, dropping tools & materials	All	4	4	16	Towers to be erected by trained staff and used correctly. Outriggers, guard rails & toe boards to be used at all times. Towers are not to be moved with operatives still on the working platform. Clear safe area to be designated around the base of the tower or ladder. Ladders to be inspected prior to use & fully extended on flat stable ground. Damaged ladders, trestles etc. are not to be used	2	4	8
Ladders/Steps	Falls from height. Dropping tools	Operatives	4	4	16	All ladders are to be inspected prior to use. Only those without defect are to be used. Steps must be fully extended & locked. Do not work from the top or over stretch - move the steps. Ladders are to be set on stable, level ground & at the appropriate angle for safe use. Ladders should be 'footed' or secured at the top when used for access. The ladder should extend at least 900mm above the edge of the roof for safe access. Ensure 3 points of contact with the ladder	2	3	6

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			L	S	RR		L	S	RR
Roof Works	Falls from height, Fragile materials, Dropping tools, Extremes of weather conditions	Operatives	3	5	15	Fragile roofs require the use of crawling boards - do not access this type of roof under any circumstances without the use of boards. If parapets are greater than 900mm no further edge protection is required. Below this height further protection is required either attached to a cherry picker/similar or by means of temporary edge protection. Operative must not walk on or around roof lights - Treat as fragile at all times. Do not work within 2m of exposed edge unless safe to do so. Provide drinking water, knowledge of and monitoring of heat stress symptoms. Ensure shirts are worn at all times and if necessary, ensure that sun block is applied. Provide shelter close to the work area with warming facilities, knowledge of & monitoring for symptoms. Monitor wind speed using an anemometer & cease work if wind speed too high.	2	5	10
Work with or Near Fragile Materials	Falls	Operatives & Third Parties	3	5	15	Detailed method statement to be issued for work to both new and existing roofs	2	5	10
Fire	General fire risks.	Operatives & Third parties	3	5	15	Adequate Site Fire Plan, escape routes kept clear at all times. Suitable fire points to be in place in cabins & building once erection process commences.	2	3	6
Hot Works	General fire risks. toxic fumes. Burns	Operatives & Third parties	3	3	9	All hot work is subject to a permit to work certificate signed by a person in authority. Gas torches must conform to British Standards & be checked before use. All gas bottles/cylinders must be used & stored in accordance with current legislation. All areas affected by hot work must be suitable fenced & signed. Working areas to be kept clear of flammable materials at all times. Suitable fire extinguishers to be on hand at all times whilst hot works are being carried out. Any hot work involving lead or galvanised steel is to be carried out in well-ventilated areas or suitable RPE is to be issued to all affected. No hot works to be carried out within the last 30 minutes of the working day.	2	3	6
Handling/ Installation of Metal Decking	Struck / crushed by components. Falls from height. Musculo-skeletal injury	Operatives	3	3	9	Approved method statements. Use mechanical hoist. Ensure appropriate & current test certificates are valid. Use of cordoned area & use Banksman.	2	3	6

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			L	S	RR		L	S	RR
Blockwork / brickwork	Falling Masonry causing injury. Chasing Blocks. Musculo-skeletal injury	Operatives	3	4	12	Operative trained in manual handling techniques & to assess all loads prior to moving. Components sized to permit easy handling & movement by one person. Provision of lifting aids for bulky/heavy components. Clear floor of obstacles. Good housekeeping must be employed to ensure that tools and materials are removed promptly. Materials must not be stacked above the toe boards of scaffolding unless brick guards, debris netting or fans have been fitted. The area below the work should be cordoned off. With the warning notices placed at relevant points. Arrange for scaffolders to erect trestles & provide level or suitably stepped area to erect trestles. Provision of trestles incorporating patented handrails. Regular inspection of trestles. Ensure sufficient support is available until mortar has hardened.	2	4	8
Use of Mortar	Regular skin contact with mortar may cause serious skin conditions & / or burns.	Operatives	5	2	10	Direct skin contact with mortar to be avoided by the use of suitable PVC gloves. Staff to be given a toolbox talk on the dangers of skin contact with mortar. Adequate washing facilities to be provided for staff. First aid equipment to include eyewash bottles of sterile water.	3	2	6
Brickwork / blockwork construction at height	Dropping blocks, Musculo-skeletal injury.	Operatives & Third parties	3	3	9	Bricks, mortar etc. to be transported & lifted onto scaffolding using a mechanical means. Bricks & blocks to be covered in storage to prevent them taking up water & increasing their weight. Spot boards to be lifted to a convenient working height. Trolleys to be used for moving loads of bricks/blocks around the scaffold lift. Arrangements to be identified at the tender stage for the movement of bricks & lintels over 20kg. Bricklayers to be instructed that only scaffolders should modify scaffolds. Scaffolds to be inspected each time before work commences & at least weekly by a competent person; a scaffolding diary will indicate records of such inspections. Where ladders are to be used, they are to be erected on solid ground & tied in accordingly. Bandstands with handrails to be used for work on internal walls & erected by trained personnel.	2	2	4
Installation of Cladding Panels	Struck / crushed by components. Falls from height. Musculo-skeletal injury	Operatives & Third parties	3	4	12	Approved method statements. Use mechanical hoist. Ensure appropriate & current test certificates are valid. Use of cordoned area & use Banksman.	2	3	6

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Task / Operation	Potential Hazard	People at Risk	Initial Risk			Control Measures Specified	Residual Risk		
			L	S	RR		L	S	RR
Hazardous Substances	Inhalation, ingestion or contact with hazardous substances.	Operatives	3	4	12	HG Construction will request COSHH sheets from the Sub Contractors as appropriate and attach them to the various Method & Risk Assessments. Use vacuum cleaner instead of sweeping. Provide hoses and extraction units to woodworking machinery. Good levels of personal hygiene. PPE.	2	3	6
Storage of Hazardous Materials	Explosion	Operatives & Third Parties	3	5	15	Site Fire Plan to be operated. Fuel to be in small quantities with spillage trays. Gas bottles to be stored externally in cages. Maintain suitable fire-fighting equipment.	2	3	6
LPG / HFL use & storage	Fire & Explosion	Operatives & Third parties	4	4	16	LPG not to be used unless essential & then the size of cylinder to be kept as small as possible. Cylinders to be kept to a minimum, stored in open air within a secure cage or similar & with appropriate warning signs posted. Cylinders to be isolated except when actually in use. Cabins in which LPG appliances are used to have high and low level ventilation. If LPG appliances are used, annual inspection by a GAS-SAFE registered gas fitter to be available for the appliance. If plumbers are using propane torch within a building, they must have a fire extinguisher with them at the point of use.	2	4	38
Use of Adhesives	Skin Contact, Vision Damage, respiratory problems & waste disposal.	Operatives	3	2	6	Provide good ventilation during application. Take account of COSHH precautions. PPE.	2	2	4
Application of Paints & Coatings.	Vision damage, skin contact, respiratory problems	Operatives & Third parties	3	2	6	Provide good ventilation during application take account of COSHH precautions. PPE. High level applications to be access via safe mobile structures or platforms.	2	2	4
Flooring	Fire, asphyxiation	Operatives	3	2	6	Ensure adequate ventilation to prevent build-up of fumes in enclosed space. No naked flames or smoking to be permitted.	2	2	4
Circuit Testing & Commissioning	Electrocution	Operatives	3	5	15	No operation on any circuitry is to be carried out unless the circuits are designated DEAD & measures are in place to ensure the circuits cannot be energised. No work to LIVE circuits will be permitted unless it is impossible to undertake the necessary checks on a DEAD circuit. If this is to occur a PERMIT TO WORK will be required.	2	5	10

				SEVERITY (S)				
				Minor injuries or discomfort. No medical treatment or measurable physical effects	Injuries or illness requiring medical treatment. Temporary impairment.	Injuries or illness requiring hospital admission.	Injury or illness resulting in permanent impairment.	Fatality
				INSIGNIFICANT	MINOR	MODERATE	MAJOR	SEVERE
				1	2	3	4	5
LIKELIHOOD (L)	Often occurs / once a week	ALMOST CERTAIN	5	5	10	15	20	25
	Could easily happen / once a month	LIKELY	4	4	8	12	16	20
	Could happen or known it to happen / once a year	POSSIBLE	3	3	6	9	12	15
	Hasn't happened yet but could / once every 10 years	UNLIKELY	2	2	4	6	8	10
	Conceivable but only in extreme circumstances / once in 100 years	RARE	1	1	2	3	4	5

RISK RATING = LIKELIHOOD (L) X SEVERITY (S)		
LOW RISK: 1 – 6	**MEDIUM RISK: 8 – 12**	**HIGH RISK: 15 – 25**
Low risks are largely acceptable. Where it is reasonable to do so, efforts should be made to reduce risks further.	**Medium risks should only be tolerated for the short term & only whilst further control measures to mitigate the risks are being planned & introduced.**	**High-risk activities should cease immediately. Further effective control measures to mitigate risks must be introduced.**

HGC – 02 (examples and will be registered in the specific project Name)

Assessor:	H Rowlinson	Project:	P675 – NT02/03– Manchester	Approval Date:	03/01/2025	Review Date:	05/01/2026

Potential Hazard	Environmental Risk	Initial Risk Rating			Control Measures Specified	Residual Risk Rating		
		L	S	RR		L	S	RR
Dust	Air Pollution	4	2	8	Continual Monitoring / Water Suppression; use water bowsers to dampen the working area to control dust levels. Provide screens to contain dust within site perimeter. Cover soil or debris mounds with tarpaulins to prevent dust becoming airborne. Dust suppression is also used for any cutting of concrete or abrasive materials,	2	1	2
Contaminated Waste	Contamination & or external pollution	2	3	6	Site management / Licensed and controlled removal	1	2	2
Fumes from machinery	Air Pollution	3	2	6	Regular machine maintenance and inspection/ Trained staff / Continual Monitoring	2	1	2
Noise	Nuisance	3	2	6	Regular machine maintenance and inspection/ Trained staff / Continual Monitoring / Management of working hours	2	1	2
Oil / Diesel	Ground / Water Pollution / Fire / Explosion	2	3	6	Spillage Kits / Designated Storage Area / Emergency Procedure	2	2	4
Services	Unintended release of gas/water/ puncture of sewer/ground contamination	2	3	6	Identification of services prior to works commencing / Trained Staff / Emergency Response Procedure	1	3	3
Traffic	Additional road traffic causing congestion & noise	3	2	6	Management of Working hours and activities within the site	1	2	2
Waste to Landfill	Overfill of Landfill Sites	3	4	12	Management and identification of recyclable materials / trained staff	2	3	6

HGC – 02 (examples and will be registered in the specific project Name)

Assessor:	H Rowlinson	Project:	P675 – NT02/03– Manchester	Approval Date:	03/01/2025	Review Date:	05/01/2026

Potential Hazard	Environmental Risk	Initial Risk Rating			Control Measures Specified	Residual Risk Rating		
		L	S	RR		L	S	RR
Working Hours	Nuisance & disturbance	3	2	6	Management of Working hours and activities within the site	2	1	2
Light	Nuisance & disturbance	3	2	6	Positioning of site lighting so as not to cause a nuisance or distraction to neighbouring properties or drivers passing the site.	1	2	2

				SEVERITY (S)				
				No measurable environmental consequence, no reputation damage, zero likelihood of prosecution.	Slight impact, small scale event contained on site, possible local media interest, prosecution unlikely.	Moderate impact, recoverable contamination or damage and/ or local reputation damage.	Considerable environmental damage and / or national reputation damage likely.	Major damage on & off site, national reputation damaged and/ or prosecution possible.
				Slight	Minor	Moderate	Permanent	Catastrophic
				1	2	3	4	5
LIKELIHOOD (L)	Inevitable consequence of activities on site.	Inevitable	5	5	10	15	20	25
	Frequent potential occurrence. Frequent experience of situation occurring.	Likely	4	4	8	12	16	20
	Situation may occur once or twice per year.	Possible	3	3	6	9	12	15
	Situation may occur with warning. Less than once in 5 years frequency.	Remote	2	2	4	6	8	10
	Almost impossible to occur. No instances of situation occurring.	Improbable	1	1	2	3	4	5

RISK RATING = LIKELIHOOD (L) X SEVERITY (S)

LOW RISK: 1 – 4	MEDIUM RISK: 5 – 15	HIGH RISK: 16 – 25
Low risks are largely acceptable. Where it is reasonable to do so, efforts should be made to reduce risks further.	**Medium risks should only be tolerated for the short term & only whilst further control measures to mitigate the risks are being planned & introduced.**	**High-risk activities should cease immediately. Further effective control measures to mitigate risks must be introduced.**

Risk Assessment Register – P675 – NT02/03– Manchester,

Ref.	Task	Issued By	Date Prepared /	Accepted By	Date Accepted	Remarks
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						

METHOD STATEMENT REGISTER – P675 – NT02/3 – MANCHESTER.

REF.	TASK	ISSUED BY	DATE PREPARED /	ACCEPTED BY	DATE ACCEPTED	REMARKS
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						

METHOD STATEMENT APPRAISAL FORM

PROJECT:	P675 – NT02 - Manchester		
CONTRACTOR:			
TASK:			
DOCUMENT REFERENCE NO.:		ISSUE NO.:	
DATE RECEIVED:		PROPOSED START DATE:	

STATUS REVIEW						
PROJECT / SITE MANAGER	1ST REVIEW DATE	STATUS	NAME	2ND REVIEW DATE	STATUS	NAME
TW CO-ORDINATOR (AS REQUIRED)	1ST REVIEW DATE	STATUS	NAME	2ND REVIEW DATE	STATUS	NAME
TECHNICAL ADVISOR (AS REQUIRED)	1ST REVIEW DATE	STATUS	NAME	2ND REVIEW DATE	STATUS	NAME
HSEQ MANAGER (AS REQUIRED)	1ST REVIEW DATE	STATUS	NAME	2ND REVIEW DATE	STATUS	NAME

Assess the method statement content (1st review) using the criteria checklist overleaf. Once complete, make an assessment on status (see below). If status is **A** then no further action is required. If **B** or **C**, return the method statement with the criteria checklist & comments / observations. Re-assess amended method statement (2nd review) following the same process until status **A** is achieved.

A	Accepted for implementation. Work can proceed as described.	**B**	Work can proceed when comments are incorporated. (**NOTE:** Method Statement to be resubmitted within 7 days for approval, otherwise works will be suspended).	**C**	Not accepted for implementation. Re-submit & review before work can proceed.

REF:	COMMENTS & OBSERVATIONS

HGC ACCEPTANCE AS CURRENT WORKING DOCUMENT							
NAME		POSITION		SIGNATURE		DATE	

NOTE: Clearance to proceed with this method statement does not relieve the sub-contractor of their contractual obligations, including safety, structural integrity or any implications to permanent works arising from these proposals.

METHOD STATEMENT APPRAISAL FORM

CRITERIA CHECKLIST		ACCEPTABLE			
1	**DESCRIPTION**	**YES**	**NO**	**PARTIAL**	**N/A**
a	Full description the work, tasks, sequence, method & process for change?				
b	Is the document site specific?				
2	**RESOURCES**	**YES**	**NO**	**PARTIAL**	**N/A**
a	Identification of key personnel / supervisors responsible, with contact details?				
b	Details of resources required (such as equipment, plant, operatives & materials)?				
c	Certificates of competence or qualification of operatives provided?				
d	Certificates for plant / equipment inspection / examination provided?				
e	Crane / lifting equipment – certificates / checklist / lifting plan in place?				
3	**HAZARD IDENTIFICATION**	**YES**	**NO**	**PARTIAL**	**N/A**
a	Site specific risk assessment attached & satisfactory? Have all the risks been evaluated?				
b	Are there arrangements in place for reviewing control measures due to changing circumstances?				
c	Access / scaffolding (including ancillary arrangements, such as anchor points) fully detailed & described?				
d	COSHH, noise, vibration & manual handling etc. issues dealt with?				
e	Workplace environment (weather, WAH, confined spaces etc.), design, layout, limitations identified & human factors taken into consideration (such as experience, fatigue etc.)?				
4	**CONTROL MEASURES**	**YES**	**NO**	**PARTIAL**	**N/A**
a	Supervision?				
b	High risk or safety critical work identified & controls specified?				
c	Permit requirements identified?				
d	Monitoring (checks & inspections) identified?				
e	Details of toolbox talks to be provided?				
f	PPE / RPE specified?				
5	**EMERGENCY ARRANGEMENTS**	**YES**	**NO**	**PARTIAL**	**N/A**
a	Rescue – how – by whom?				
b	First aid requirements?				
c	Spillage containment methods identified?				
d	Special welfare requirements specified?				
6	**TEMPORARY WORKS**	**YES**	**NO**	**PARTIAL**	**N/A**
a	Details of temporary works schemes identified, including all documents?				
b	Temporary protection / support identified (such as fire, traffic & services)?				
7	**ENVIRONMENTAL**	**YES**	**NO**	**PARTIAL**	**N/A**
a	Environmental risks?				
b	Waste management? How waste is stored / removed?				
b	Statutory permit & licence conditions?				
c	Pollution prevention?				
8	**MONITORING & COMPLIANCE**	**YES**	**NO**	**PARTIAL**	**N/A**
a	Monitoring – by whom?				
b	Enforcement – how – by whom – equipment, sampling?				
c	Testing & commissioning?				
d	Checking, review & update?				
e	Change requirements?				
f	Confirmation of operative's briefing?				
g	Any other (specify)?				

THIS FORM IS TO BE ATTACHED TO THE FRONT OF THE CORRESPONDING METHOD STATEMENT WHEN FILED

5. FIRE & EMERGENCY PROCEDURES

RESPONSIBLE PERSONS / OFFICERS:

Fire Safety Co-ordinator:	**MARTIN GRISMAN**
Designated Fire Marshalls:	**STEVE RAMSEY - MARTIN GRISMAN**
	Simon Wilson

FIRE ACTION:

On the sounding of the alarm all operatives to congregate at: - **SITE ENTRANCE.** The assembly points are as indicated on the attached fire evacuation plan next to the pedestrian entry point on Dantzic Street or Gate 2 exit area

The site will be provided with easily identifiable fire extinguisher and alarm points located one at each entry to the building. These are provided with manual bell alarms that can be sounded to raise the alarm and evacuate the building.

The signing in book will be utilised as a means of identifying that all persons have evacuated the site. No operative to re-enter site until advised by the site manager that it is safe to do so.

Operations are to be planned to ensure that all fire escape routes are kept clear at all times.

If required a specific fire watch will be implemented, should it become necessary due to any hot working requirements. A hot working permit will be required in these cases. This will only be undertaken following full consultation with the Site Manager.

ENVIRONMENTAL

In the event of a spillage or discharge to either the local drainage system or watercourse, Site Management are to be notified immediately, and appropriate action must be taken to prevent further contamination.

The Environment Agency must be contacted on the **INCIDENT HOTLINE: 0800 – 807060** immediately.

EVACUATION PLAN

IF YOU DISCOVER FIRE:

1. Immediately inform HG Construction site staff by shouting "FIRE" and sounding temporary alarms (Bluetooth & Radio Linked).
2. Attack fire, if possible, with appliances provided but without taking personal risks.

ON HEARING ALARM OF FIRE.

3. The senior person present on site will call the Fire Brigade by telephone. (Manchester fire and Rescue)

- Lift receiver and dial '999'.
- Give operator your telephone number and ask for **FIRE**.
- When the fire brigade replies give reply distinctly

FIRE AT:

HG CONSTRUCTION SITE NT02 TOWER 1,
200, Dantzic Street,
Collyhurst,
Manchester
M4 4DD

DO NOT REPLACE RECEIVER UNTIL FIRE BRIGADE HAS REPEATED ADDRESS.

CALL FIRE BRIGADE IMMEDIATELY TO EVERY FIRE OR ON SUSPICION OF FIRE.

4. Leave the site and report to person in charge of assembly point: **AT SITE ENTRANCE NUMBER 1 - Then make your self-known to a HG manager on the role call,**

USE NEAREST AVAILABLE EXIT.

DO NOT STOP TO COLLECT PERSONAL BELONGINGS

The person in charge of the Assembly Point will be the Site Manager who will check off those present against the Site Visitors Book.

THIS SHEET WILL BE PROMINENTLY DISPLAYED IN THE SITE OFFICE AND CHANGING ROOM / MESS ROOM.

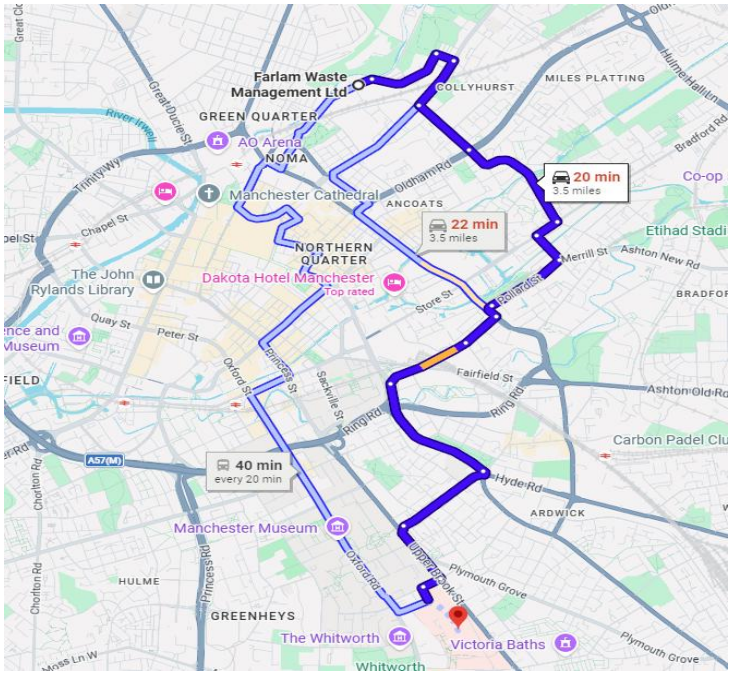
MEDICAL EMERGENCY

Names and locations of first aiders/appointed persons, introduction to them and position of first aid boxes and rules for their use shall be part of the induction training.

The name of the **FIRST AIDER** on site is will be all members of HG Management staff
In the event of an injury or sudden illness on site the following action is to be taken:

- The Site Manager is to be immediately informed of the incident.
- First Aid assistance is to be obtained, if appropriate.
- The injured or ill person is to be conveyed to hospital by the quickest possible means.
- If an ambulance is to be summoned, ensure that the address is given accurately.
- The full details of the person injured or ill and the details of the injuries or illness are to be passed to the Head Office as soon as possible.
- Any reportable incident prescribed under the 'Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 2013' is to be reported to the Health & Safety Executive on form F2508 within the prescribed notice period for that event.

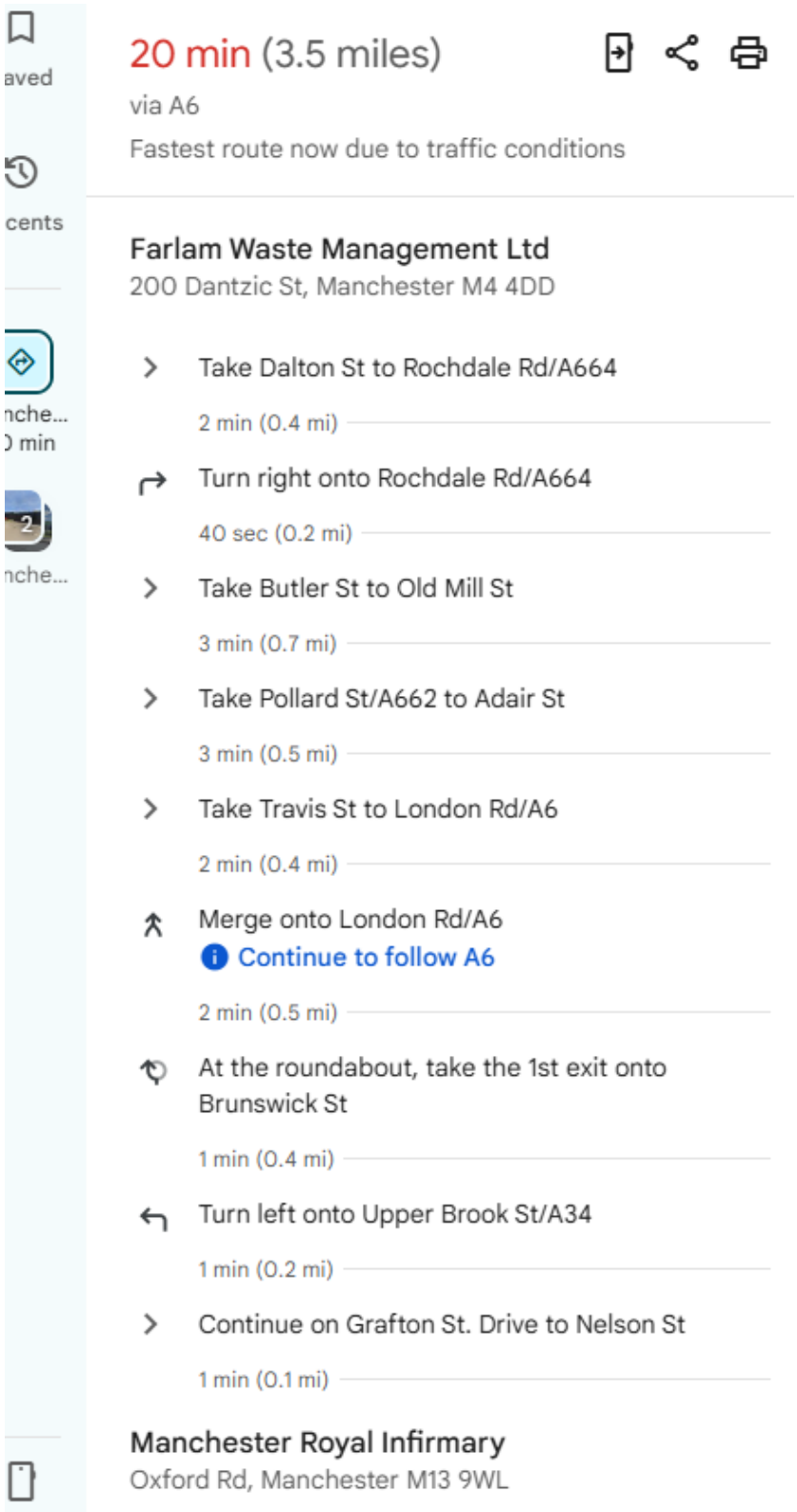
Hospital Fastest Route:



Emergency department: Major Trauma Centre – (Adult and Children)

Hours: Open 24 hours Emergency department: Open 24 hours

Manchester royal infirmary – Oxford Road, Manchester, M13 9WL



THIS SHEET WILL BE PROMINENTLY DISPLAYED IN THE SITE OFFICE & CHANGING ROOM / MESS ROOM.

6. ACCIDENT REPORTING & INVESTIGATION

ALL ACCIDENTS

All accidents / incidents will be reported and where necessary investigated in accordance with company safety management system and statutory procedure. All accidents including those to subcontractor's workers will be entered in the site accident book.

This includes all cases where first aid is provided, regardless of how minor the injury is considered. Where an investigation is carried out, the Site Manager and Project Manager will ensure that any follow up action required or recommended is carried out promptly and that information is relayed to all on site who may be affected by findings.

All incidents "near miss" and those categorised as dangerous occurrences under statute, and those causing major damage whether or not injuries occur will be reported and investigated.

If possible, the person involved in the accident should complete the form, the First Aider should specify what treatment or advice was given and sign the form.

The details that must be recorded in the Accident Book are:

- Name of the person suffering the injury.
- Date and time of the injury.
- Name of person reporting the injury.
- Cause of the injury.
- Any action taken as a result of the injury.
- Whether the injury is reportable to the enforcing authority (Health and Safety Executive) or not.
- Nature of the injury (e.g.: part of the body affected).

The Site Manager is required to report the accident to the HSEQ Compliance Manager, who will decide if the accident is reportable or not and to ensure that it is investigated as soon as is reasonably practicable and that remedial measures are put into place to prevent a reoccurrence.

REPORTABLE ACCIDENTS

It is a requirement of The Reporting of Incidents, Diseases and Dangerous Occurrence Regulations that certain type of accidents, dangerous occurrences and diseases are reported to the Health and Safety Executive.

If the accident is reportable to the HSE then a member of management will fill in the details required on the official reporting form (F2508, F2508A) and send it to the HSE within the time period specified. Alternatively reports can be made over the phone, or via the HSE web site. Seven-day accidents must be reported to the HSE within fifteen days. Major injuries and

dangerous occurrences must be reported immediately to the HSE by telephone with a report issued within ten days.

INVESTIGATION

Following any reportable accident or dangerous occurrence an investigation must be carried out. The Site Manager will ensure that once immediate risks have been dealt with; the injured person has been taken to hospital, First Aid has been administered, that the site is made safe. Where possible the area the accident occurred will be segregated so that a full investigation on the causes of the accident can be carried out. Photographs of the scene of the accident should be taken and witnesses to the accident asked to make statements. An Accident Investigation Report shall be produced which will document the cause or causes of the incident and recommend steps to be taken to prevent the incident reoccurring.
Any remedial actions to be taken such as training requirements, modifying systems of work etc shall be implemented and monitored to confirm their effectiveness.

DEFINITIONS OF MAJOR INJURIES, DANGEROUS OCCURRENCES & DISEASES.
EXAMPLES OF MAJOR INJURIES:

- Fracture other than to fingers, thumbs or toes.
- Amputation.
- Loss of sight (permanent or temporary).
- Chemical or hot metal burn to the eye or any penetrating injury to the eye.
- Injury leading to unconsciousness or requiring resuscitation; or requiring admittance to hospital for more than 24 hours.
- Injury leading to hypothermia, heat induced illness or unconsciousness.
- Unconsciousness caused by asphyxia or exposure to harmful substances or biological agent.
- Acute illness arising from absorption of any substance by inhalation, ingestion or through the skin.

EXAMPLES OF DANGEROUS OCCURRENCES:

- Collapse, overturning or failure of load-bearing parts of lifts and lifting equipment.
- Explosion, collapse or bursting of any closed vessel or associated pipe-work.
- Plant or equipment coming into contact with overhead power lines.
- Electrical short circuit or overload causing fire or explosion.
- Any unintentional explosion, misfire, failure of demolition to cause the intended collapse, projection of material beyond a site boundary, injury caused by an explosion.
- Accidental release of a biological agent likely to cause severe human illness.
- Collapse or partial collapse of a scaffold over five meters high, or erected near water where there could be a risk of drowning after a fall.
- Unintended collapse of any building or structure under construction, alteration or demolition where over five tonnes of material falls.
- Explosion or fire causing suspension of normal work for over 24 hours.
- Accidental release of any substance, which may damage health.

ACCIDENT / INCIDENT INITIAL REPORT FORM

TO BE COMPLETED IMMEDIATELY AN EMPLOYEE IS UNABLE TO CONTINUE WORK FOLLOWING AN INJURY OR AN INCIDENT OCCURS THAT RESULTS IN A LOSS OR DAMAGE ON SITE.

PROJECT TITLE:	P675 – NT02	PROJECT NO.:	P675

FORM COMPLETED BY:		SIGNATURE	

A THE ACCIDENT / INCIDENT

Exact location on site:

Time of Occurrence (24hr):

Date of Occurrence:

What task was being carried out?

What stage of the task was in progress?

Who was carrying out the task? (State HGC or Sub-Contract)

What plant or equipment was used for the task? (If hired state who from)

Description of Incident?

Names of Witnesses?

	Statement Y	Statement N
1		
2		
3		
4		
5		
6		

B TRAINING & DOCUMENTATION

	Y	N	N/A	Copies Attached
1. Had persons involved received the Site H&S Induction & signed the record sheet?				
2. Had persons involved received any training or instruction relating to the job?				
3. Are copies of training certificates available on site?				
4. Is there a Risk Assessment for this task?				
5. Is there a Method Statement for this task?				
6. Had the recommendations been followed?				
7. Did the persons involved sign the briefing sheets during their Site H&S Induction?				
8. Were the relevant inspection registers maintained & up to date?				
9. Are the relevant test certificates available on site?				
10. Was the task subject to a "Permit To Work" regime?				
11. Have photographs been taken of the area?				

If any of questions 1-11 have been answered No, give further details in Section J

C UNDERGROUND SERVICES

Were underground utility services involved?	Y	N

If yes:

	Y	N
1. Were steps taken to ascertain the position of services?		
2. Were plans obtained to show the location of services?		
3. Was the service in the location shown?		

If any of questions 1-3 have been answered No, give further details in Section J

D THE INJURED PERSON

Name: D.O.B:

Employed Self Employed Trainee Other

Home address:

Post code

Telephone No.:

Occupation when injured: Normal occupation:

Employer:

Occupational experience:

DETAILS OF INJURY

Part of Body Affected:		Nature of Injury:	
Head		Sprain, strain, fracture or break	
Eye		Open wound, cut or abrasion	
Arms		Bruising	
Trunk		Burns or scalds	
Hands		Concussion	
Legs		Amputation	
Feet		Hernias, slipped disc or back strains	

Please specify complete details of the injuries sustained (Including left or right side etc.)

E PROPERTY DAMAGE / LOSS

	Y	N
Vehicle / Plant Damage		
Vehicle / Plant Loss		
Building / Structural Damage		
Lost Time		

Vehicle / Plant I/D – Registration No.

Value of Damage / Loss £

Description of Damage / Loss

F IMMEDIATE CAUSE

G UNDERLYING CAUSES

H ROOT CAUSE

I REMEDIAL ACTIONS TO PREVENT REOCCURRENCE

J NOTIFICATIONS

HGC

Has the HSEQ Compliance Manager been notified? Y N

Time: Date:

HSE

Has the Health & Safety Executive been notified? Y N

Time: Date:

Health & Safety Executive visit to site? Y N

Time: Date:

Contact Name: Telephone No.:

ENVIRONMENT AGENCY

Has the Environment Agency been notified? Y N

Time: Date:

Environment Agency visit to site? Y N

Time: Date:

Contact Name: Telephone No.:

POLICE

Have the Police been notified? Y N

Time: Date:

Police visit to site? Y N

Time: Date:

Contact Name: Telephone No.:

Crime Reference No.:

K ADDITIONAL INFORMATION

Diagram of Incident Scene

	A	B	C	D	E	F	G	H	I	J	K	L
1												
2												
3												
4												
5												
6												
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9												
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11												
12												
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14												
15												

Attach Drawings & Photographs if Possible

INJURED PERSONS STATEMENT

Name: _____

SIGNATURE: _____ **DATE:** _____

WITNESS STATEMENT

Name: _____

Home address: _____

_____

_____

_____

_____ Post code: _____

SIGNATURE: _____ **DATE:** _____

THIS PAGE SHOULD BE COPIED IF THERE IS MORE THAN ONE WITNESS

7. SITE INDUCTION & SITE RULES

HG Induct replaces the on-site paper-based induction process, ensuring that operatives are ready for a fast and safe start on site. To work on any HG Construction site, operatives are required to provide a minimum set of information about themselves as well as demonstrate that they are capable of doing their job well and to the utmost degree of safety.

To do this they must complete the HG Induct process prior to arriving on site for work. Their information will be verified and they will receive any required site-specific briefings before being granted access to site.

INDUCTION PROCESS

When using HG Induct for the first time, operatives should go to www.hginduct.co.uk and enter their email address. On the next page, follow steps to set a password, creating an account.

The HG Induct process consists of 6 steps (personal information, employment information, skills card details, emergency information, videos & questions and joining a site) and should take approximately 30 minutes to complete.

Help and information is available throughout the process by clicking on 'Help?' in the side menu. On mobile devices, this is an option beneath the menu button at the top of the screen. If further assistance is required, email the Helpdesk at admin@hginduct.co.uk.

Once the HG Induct process is completed, an email will be sent to the address used to create the account. This confirmation email will also be sent the employer. These confirmation emails do not need to be printed or presented on arrival on site.

Upon first arrival on site, the site team will be able to find the operative on HG Inducts database using the name or skills card number, which was entered during the process.

SITE RULES – P675 – NT02 MANCHESTER

1 A Copy of these site rules will be displayed on site and issued to each operative at the site induction. All operatives will comply with their requirements. Failure to do so will result in dismissal from site. All operatives will be made aware of any site-specific amendments during the project.

2 The site working hours are:

A. Monday to Friday 0730 - 1800
B. Saturday 0830 - 1400
C. Sunday & Bank Holiday working will not be allowed, unless otherwise agreed in writing.

3 No smoking is permitted on site (including external areas). Smoking shelters will be provided in designated safe areas,

4 No alcohol is permitted on site under any circumstances. The use of non-prescription or prescription drugs, which may affect your ability to work in a safe manner, is prohibited. Do not attempt to enter site if under the influence of these substances.

5 No radios, personal MP3 players with headphones or mobile phones are permitted on the site. Use of these is restricted to the office and welfare areas only.

6 The site is always designated as a hardhat area. Safety boots and High visibility clothing and gloves will be worn at all times. In addition, other suitable Personal Protective Equipment will be worn as instructed by the site management.

7 All operatives will sign in and out of the site at the designated area. All new visitors and operatives **MUST** be inducted into the site rules prior to accessing the working area. HG Construction reserves the right to prohibit access to any unscheduled deliveries or sub-contractors.

8 All operatives must be competent to carry out the task intended and certified to operate plant, equipment and small tools as necessary.

9 Operatives must wear shirts / tops at all times whilst on site.

10 Operatives are prohibited from shouting, swearing or engaging in horseplay whilst on site (this includes members of the public passing site).

11 All plant and equipment will be visually checked prior to use. Any damage or unauthorised alterations are to be reported to the site management. The equipment shall not be used until it is returned to a safe condition.

12 First aid facilities are available at the site office. All accidents and incidents will be reported to the site manager and recorded.

13 Should the fire alarm sound all operatives will immediately vacate the site by the quickest route and congregate in the designated assembly point. Re-entry to the site will only be permitted once the fire brigade has designated the all clear.

14 All power tools to be 110v or battery operated. PAT certification will be required for all tools and leads used on site. No damaged or altered equipment is permitted to be used.

15 All operatives are made aware that the site management has the right to inspect all vehicles entering or leaving the site.

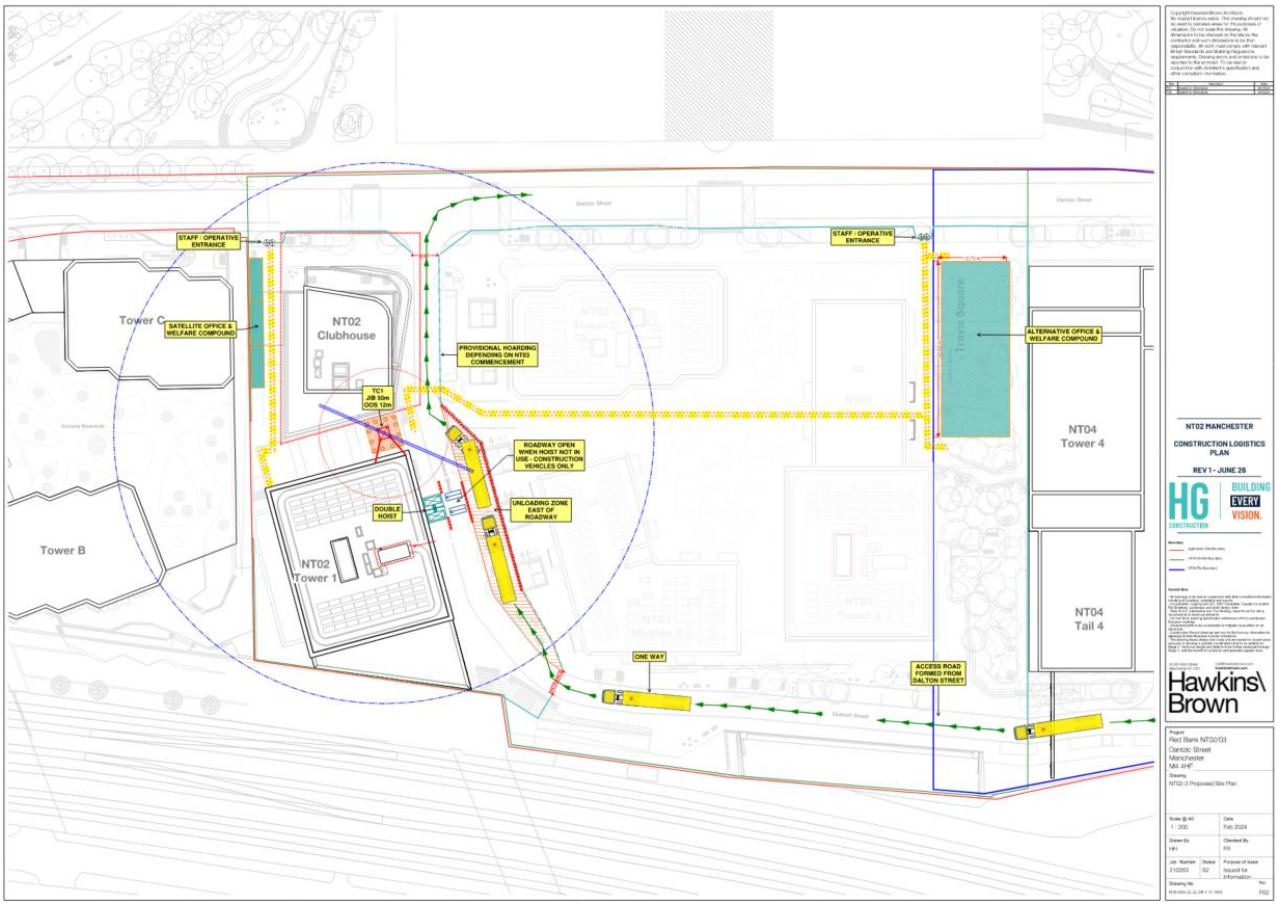
16 On site vehicles must maintain a speed of not more than 5 mph.

17 All persons entering and exiting the site must give priority to Pedestrians and vehicle users.

18 Any vehicle-leaving site must have any excess mud removed prior to leaving site.

8. SITE LOGISTICS AND CRANE LAYOUTS

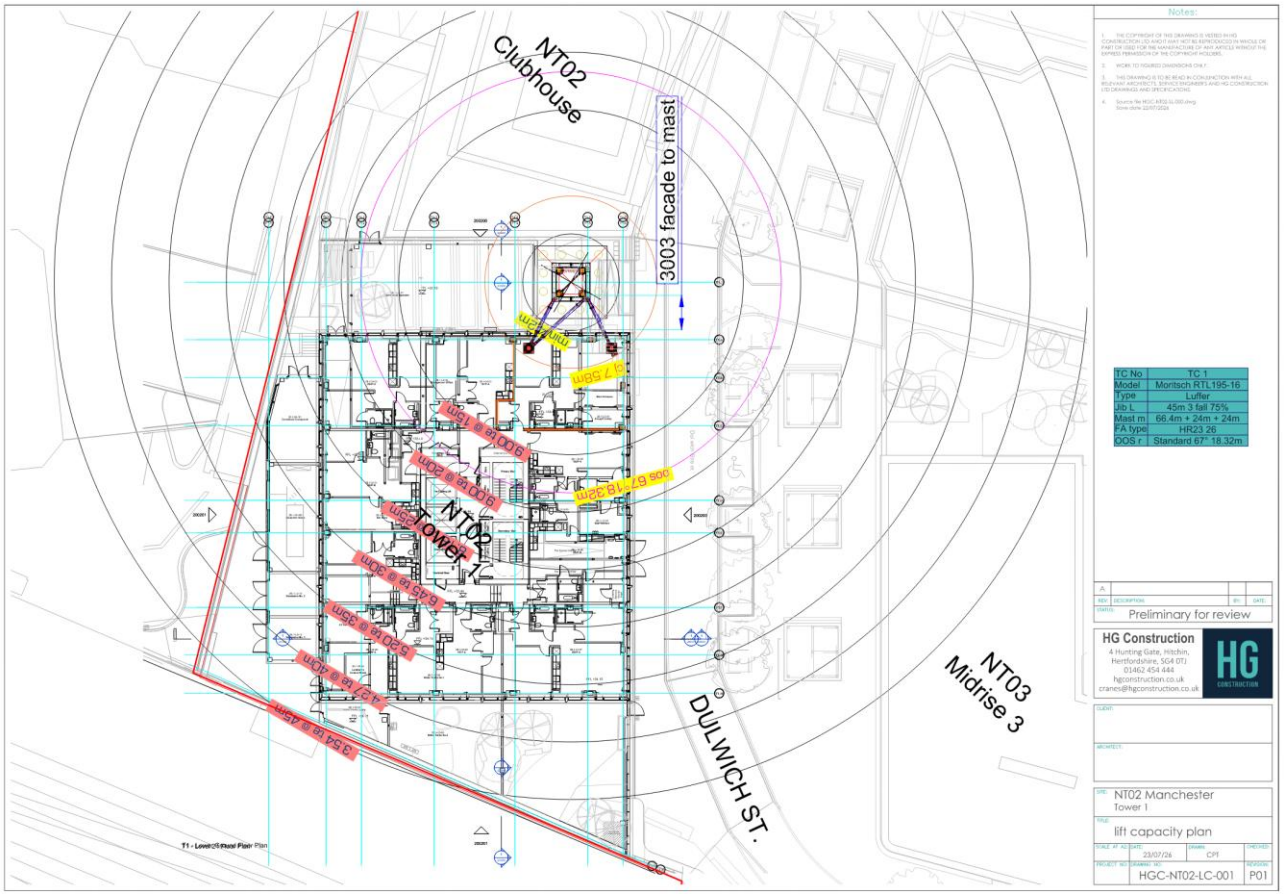
General site Layout which is subject to change throughout the construction Process,

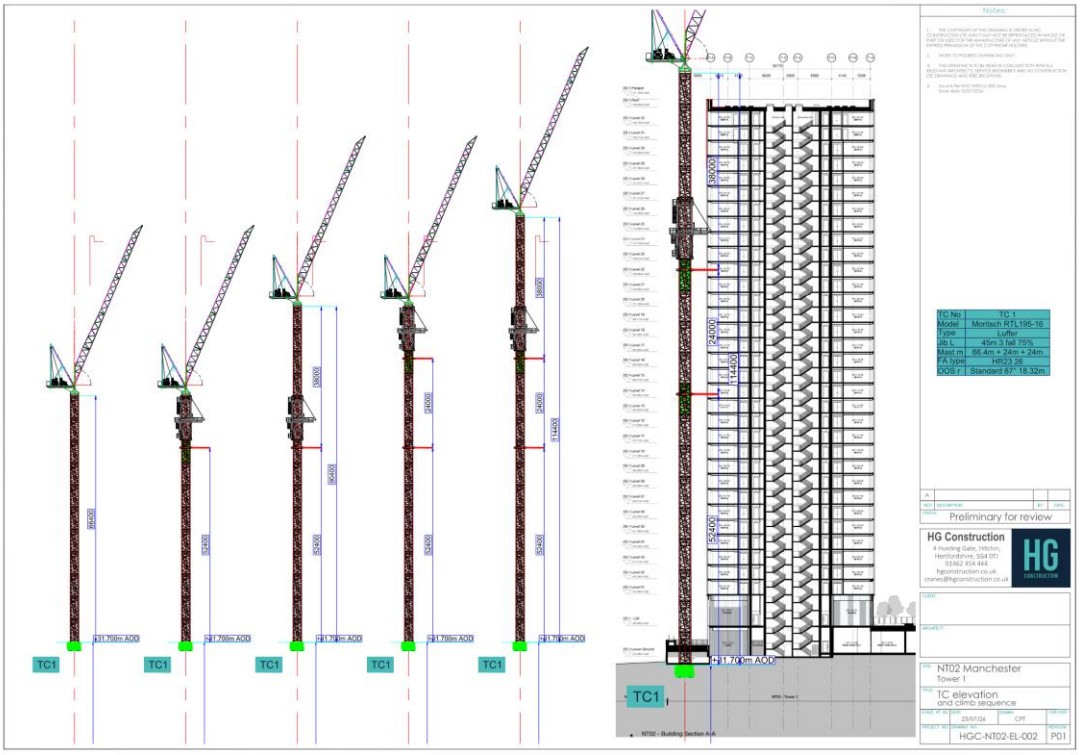


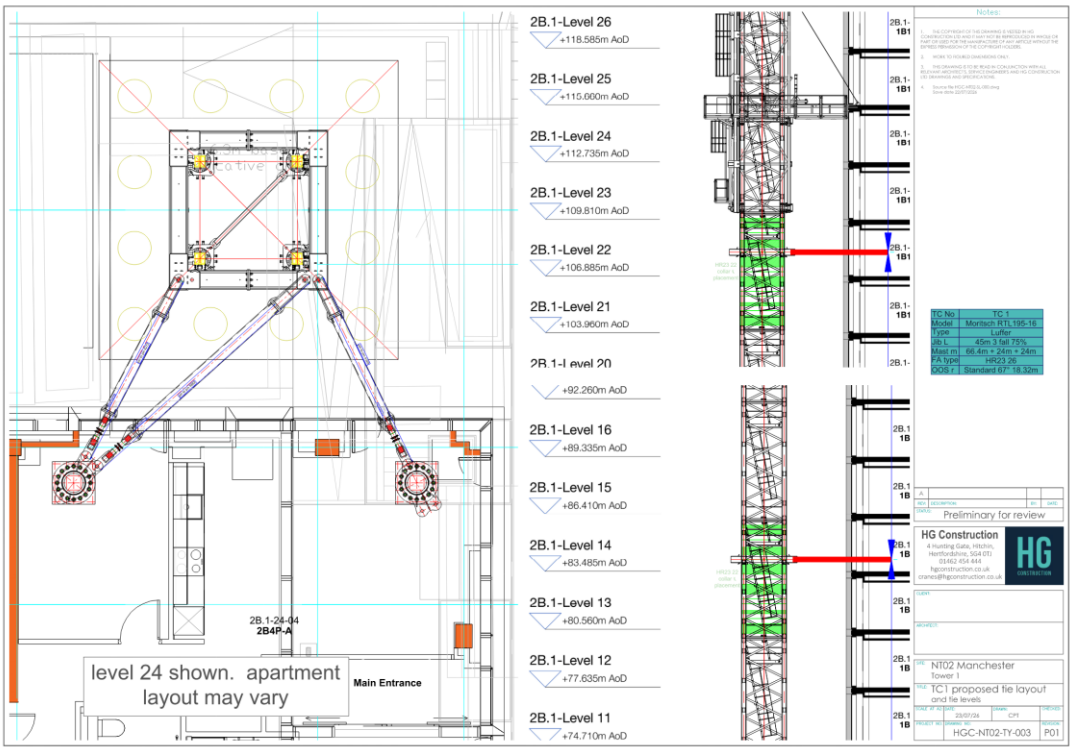
Overall Logistics layout which may be subject to change throughout the construction process,

Emergency exits/fire plans and routes will be reviewed weekly as the build progress and modified where needed,

General Crane layouts and lifting capacities, jump and tie stages.


NT02
Clubhouse
3003 facade to mast
NT02
Tower 1
NT03
Midrise 3
DULWICH ST.
TC No TC 1
Model Moritsch RTL195-16
Type Luffer
Jib L 45m 3 fall 75%
Mast m 66.4m + 24m + 24m
FA type HR23 26
OOS r Standard 67° 18.32m
Preliminary for review
HG Construction
NT02 Manchester
Tower 1
lift capacity plan
HGC-NT02-LC-001
P01


TC1
+21.700m AOD
TC No TC 1
Model Moritsch RTL195-16
Type Luffer
Jib L 45m 3 fall 75%
Mast m 66.4m + 24m + 24m
FA type HR23 26
OOS r Standard 67° 18.32m
Preliminary for review
HG Construction
NT02 Manchester
Tower 1
TC elevation
and climb sequence
HGC-NT02-EL-002
P01

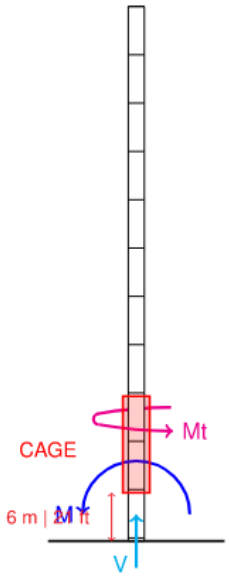

2B.1-Level 26
+118.585m AoD
2B.1-Level 25
+115.660m AoD
2B.1-Level 24
+112.735m AoD
2B.1-Level 23
+109.810m AoD
2B.1-Level 22
+106.885m AoD
2B.1-Level 21
+103.960m AoD
2B.1-Level 20
+92.260m AoD
2B.1-Level 16
+89.335m AoD
2B.1-Level 15
+86.410m AoD
2B.1-Level 14
+83.485m AoD
2B.1-Level 13
+80.560m AoD
2B.1-Level 12
+77.635m AoD
2B.1-Level 11
+74.710m AoD
level 24 shown. apartment layout may vary
Main Entrance
2B.1-24-04
2B4P-A
TC No. TC1
Model Moritsch RTL195-16
Type Luffer
Jib L 45m 3 fall 75%
Mast m 66.4m + 24m + 24m
FA type HR23 26
OOS r Standard 67° 18.32m
Preliminary for review
HG Construction
NT02 Manchester
Tower 1
TC1 proposed tie layout and tie levels
HGC-NT02-TY-003
P01

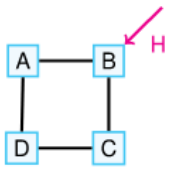
MORITSCH 1962 RTL195-16_J45m_H66.4m_Freestanding Date: July 27, 2026

Tower configuration

Type	Units	h[m]	h[ft]
HR23(22,6)	8	6.00	19.69
HR23(26,6)	3	6.00	19.69
Fix angles	1	0.40	1.31
	Total	66.40	217.85

Upperpart : RTL195 J45m 67°





Reactions (Second-order nonlinear analysis)

	Tower base center[i]				Feet foundation[ii]			
	Mt [kNm]	M [kNm]	H [kN]	V [kN]	A [kN]	B [kN]	C [kN]	D [kN]
Service[iii]	213	6133	57	1406	-352	1764	-352	-2467
OOS rear[iv]	0	12175	164	1217	-304	3895	-304	-4504
OOS front[v]	0	-8305	-168	1217	-304	-3169	-304	2560

[i] Crossbase and ballast weights included where applicable
[ii] negative values for compression, positive values for traction
[iii] constant wind speed considered: 72.00 km/h | 44.74 mph
[iv] regulation: EN 13001 zone C25 - wind speed is function of the height
[v] regulation: EN 13001 zone C25 - constant wind speed considered 121 km/h | 75 mph

Verified by: 1

9. HEALTH & SAFETY FILE

The following needs to be included in this section:

A. LAYOUT & FORMAT.

Information will be provided to the Principal Designer for inclusion in the health and safety file. This will be in accordance with the contract specification together with the pre-tender health and safety plan. The format will be hard copy format and when possible an electronic version. The documentation is constructed in word. The documents will be complied during the construction project at the head office and on site. As previously stated, this company is ISO9001-2015 accredited all documentation is kept as per our QA system complete with drawings.

B. ARRANGEMENTS FOR THE COLLECTION & GATHERING OF INFORMATION

This will be forwarded on completion of the project in the format contained within the approved code of practice 'Managing Health and Safety in Construction', Appendix 4. All sub-contractors are requested to supply the appropriate information on each project and this is included in the main file.

C. STORAGE OF INFORMATION.

HG Construction will provide the Principal Designer all the documentation and assistance for him to complete the file. The Principal Designer will be responsible for forwarding the information to the client on completion of the works.