

Project Name	Manchester Art Gallery – Art Store 2
Project Number	630042
Project Address	Manchester Art Gallery, Mosley St, Manchester M2 3JL

1.0 Project Overview		
1.1	Description of the Project	1. Convert existing office space into new secure art store in the basement of the Grade II listed Atheneum basement including removal of existing timber floor, new RC structural floor, replace existing hating system, new light fittings, amendments to the HVAC system, upgrades to the internal and external security, damp prevention works, make good and decorate walls and ceilings of the space to provide a secure and environmentally stable condition for storing various types of artwork.
		2. Refurbish / replace various external drainage elements in the lower ground floor lightwells and rectify damaged paving to prevent further water ingress into the building
		3. Replace floor boxes in the ground floor office to suit new furniture layout
1.2	Duration of the Project (weeks)	28
1.3	Proposed Start Date / Date of Possession	September 2024
1.4	Proposed Completion date	April 2025
1.5 Approximate numbers on site		
Robertson		Total
Subcontractor		
6	25	31
1.6	Surrounding Land Uses / Adjoining Sites and Premises	The building is located within the heart of Manchester City Centre, due to this there are numerous existing live businesses and restaurants surrounding the building in close proximity. As well as this the Art Gallery will continue to operate as normal during the project. There is also a tramline that passes the front of the building along Mosley Street.
1.7 The Extent and Location of Existing Records		
The extent and location of existing record and plans which are relevant to health and safety on-site, including information on existing infrastructure works are as follows:		
- MCC Manchester Art Gallery Refurbishment PCI – November 2022 - Various drawings relating to the construction of the new building and some internal refurbishment circa 2000 – NOTE NOT AS BUILT USE FOR INFORMATION ONLY - H+R Damp survey - H+R Timber surveys - RCG Floor opening up surveys - OHS Asbestos R&D Surveys - Geotechnical ground condition investigation - MEP Validation and inspection reports		

2.0 Health and Safety Management

2.1 SHE Goals

It is the company's policy that its operations shall be conducted in such a way as to ensure, so far as is reasonably applicable, the Health, Safety and Welfare of all its employees. It is the company's policy also to ensure that any of its activities will not adversely affect the Health and Safety of others, e.g third parties (Client staff, members of the public, etc)

The company requires that high standards of Safety, Health and Welfare are achieved and constantly maintained on all of its sites and offices. This Project is registered under the Considerate Constructors Scheme (CCS).

The company also actively promotes the reduction and recycling of any waste products produced during the construction process and has a strong commitment to the protection of the environment.

Our targets in respect of CCS and waste management are agreed at the Occupational Health, Safety and Environmental annual management review and project scores against these are reported on a monthly basis.

2.32 Actions for Contravention of Health and Safety Legislation of the Project Construction Phase Health and Safety Plan

Site staff shall immediately prohibit any Subcontractor or equipment, from working on site where their work activities are a cause of serious and imminent danger to any person, property or equipment. Such a prohibition shall be provided by the site staff in the form of a written notice following the cessation of the offending work activities.

Where any Subcontractors work activities or work equipment is a potential cause of danger or is in breach of any of the relevant statutory provisions, site staff shall prohibit the specific work activity or use of the equipment. The situation must be remedied to the satisfaction of the site staff within a given time period. The time period shall be decided by the site staff following consultation with the Subcontractor.

2.3 Weekly Site Safety Inspection

Site Supervisors should inspect their works on a weekly basis (minimum) to monitor safety standards. On this tour of the site, Site Supervisors are only interested in Health and Safety and no other matter.

Based on the HSE Construction Site Safety Checklist, the Weekly Site Safety Checklist and Remedial Action Required forms should be accurately completed and filed within the site office for interested parties to view, having previously been countersigned by the Site Supervisor's Line manager. If these reports are completed correctly then this can be taken as evidence in the event of an occurrence that the Supervisor has complied with his duties to maintain a safe site so far as is reasonably practicable in this respect. The Regional SHE Manager will monitor these reports to ensure they accurately reflect the safety standard on site.

These reports can form part of the agenda of the regular Subcontractor meetings held between Robertson Group Management and representatives of each Contractor on site.

2.4 Regular Liaison between Parties on Site

In order to maintain contact between all Subcontractors, specialist's contractors and others involved in the project and to facilitate the smooth operation of the site, Robertson Group will hold regular progress and planning meetings with all interested parties.

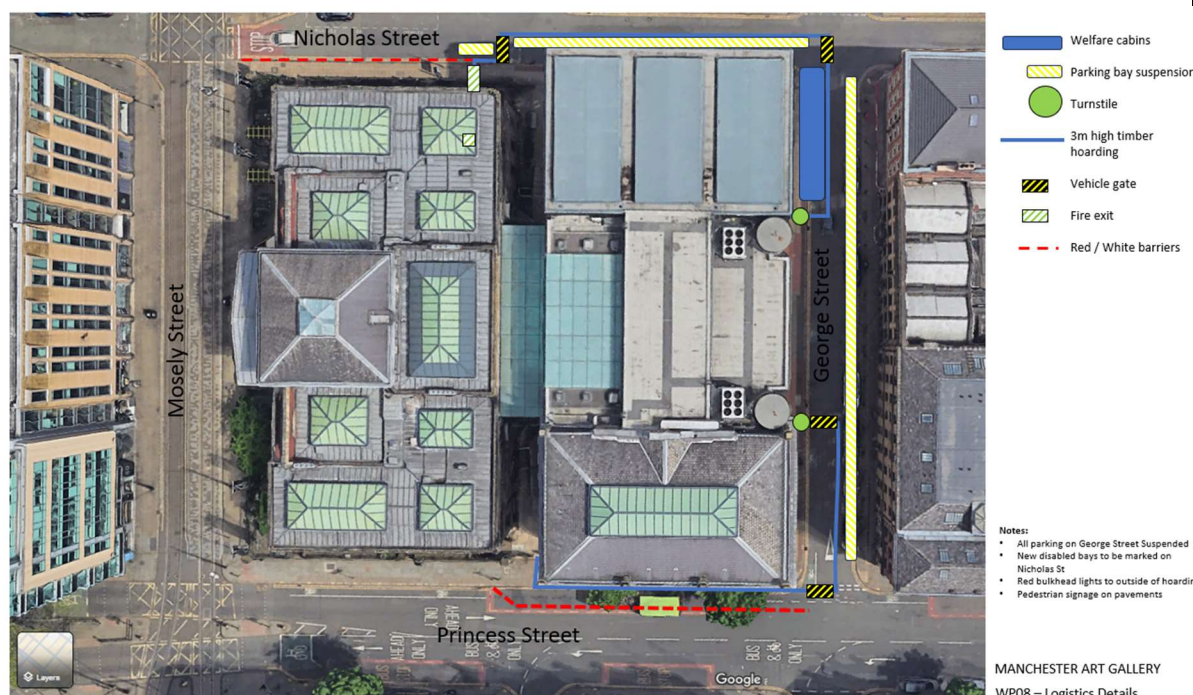
These will be held with on-site Subcontractors to plan and discuss work for the following weeks. If any relevant party is unable to attend, they will be emailed a copy of the minutes prior to start of work on the following day.

2.5	Consultation with the Workforce
	Robertson Construction will consult the supply chain and subcontractors on site at regular intervals for feed back and suggestions of how to improve health and safety on site
2.6	Selection and Control of Contractors
	In their capacity, as Principal Contractor (PC), Robertson Group has developed procedures for vetting the competence and resources of contractors engaged in the construction phase of this project. As set out in the Robertson Management System and will be adhered to on this Project
2.7	Responsibilities
	The Project Surveyor or his appointee is responsible for placing Subcontractors in conjunction with the Project / Site Manager.
2.8	Approved Subcontractors
	The Procurement Department maintain the approved Subcontractor database. Any Subcontractor named or nominated by the client in a contract will be expected to meet the minimum standards required by Robertson Group as set out within the Subcontractors Safety Health and Environmental minimum standards (RG-HS-09-GUI-003) and if requested, supply documentary evidence. No subcontract shall be awarded to a company or person who is not on the Approved Subcontractor database except for a company or person named or nominated by the client for a specific contract. For all Subcontractors a Site Induction will be carried out and recorded on site by the Site Manager or his nominee. Approved Subcontractors are those who:- • Have supplied satisfactory evidence of capability to the Company • Have third party registration approval as a Firm of Assessed Capability On completion of a subcontract, the Project / Site Manager in conjunction with the Project Surveyor shall complete a Subcontractor Rating Sheet for all Subcontractors engaged on the project. All machinery or plant brought onto the project by Subcontractors must be properly selected and only operated by suitably trained and experienced operators. Any test certificates that are legally required for any part of any of the machines mentioned above must be made available to the PC or his representative when required. Information for contractors regarding risk arising from the work environment will be communicated at all relevant contractors by the provision of a written Risk Assessment.
2.9	Site Security
	The Manchester Art Gallery (MAG) will remain open to the public and operational during all phases of the works and the overall responsibility for the security of the property remains with MAG and their existing team. It will be impossible for RCG to control all access points to site as the building will remain open to the gallery staff and public throughout the works. We will establish 2.4m high boarded hoarding with 600mm mesh topper with secure vehicle gates that will be operated by the RCG Gate person and remain locked at all other times hoardings on Nicholas, George and Princess Street to create a secure and segregated area to carry out the works, to receive materials and to remove waste. The hoarding layout has been discussed and agreed with MCC Highways Management and TTROs and licenses

will be in place.

The parking suspension and re-marking of disabled bays has been discussed and agreed with MCC parking. The suspension of the Bus Stop on Princess Street has been discussed and agreed with TfGM

To control our contractors, staff and visitors we will establish a biometric turnstile at the base of the stair leading to our work area. and hoard off to create a secure and controlled point of entry. Any contractor not using this entry point will be red carded from site.



The hoarded areas will be covered by CCTV with intruder detection analytics linked to the existing building monitoring station. The internal area will also be covered with PiR controlled flood lights.

In the event of an intruder being detected the monitoring station will inform the intruder via the speakers that they have been detected, are being recorded and a response team is on route.

2.10 Site Induction and Training

It is the policy of Robertson Group to provide all personnel with a formal, site specific Health and Safety induction prior to starting work on a Robertson site. On the completion of the induction process, the names of those inducted must be recorded on the induction register prior to individuals being issued with a Robertson group induction sticker.

Reasonable enquiries shall be made of Subcontractors and their employee's level of training, to ensure appropriate general safety awareness and site-specific awareness training has been undertaken.

2.11 Toolbox Talks

Task specific Toolbox Talks using CITB GT700 Manual and Robertson Group Toolbox talks will be delivered on a regular basis, with site staff taking steps to ensure that details of all those attending are recorded on a 'Toolbox' record sheet.

All Subcontractors who carry out in house 'toolbox' talks are to forward details of those taking part by means of a copy of their record sheet.

2.12 Minimum PPE Standards

All PPE provided to site personnel must conform to the appropriate European Standard. The minimum requirement for PPE for all Robertson's projects is:

1. Hard Hat
2. High Viz
3. Light Eye Protection
4. Suitable Gloves (task specific) and
5. Safety Footwear (toecap and midsole protection)

Task specific PPE may be required depending of the task and must be identified in site RAMS.

2.13 Office, Meeting Room & Welfare Facilities

The RCG staff offices will be located off site in a serviced office building called Hyphen. This is located across Nicholas Street with the entrance on Mosley Street, approximately a 5 minute walk from the Gallery.

The canteen, drying room and toilet facilities for the operatives will be in cabins located within the hoarded area on the corner of George and Nicholas Street and will provide changing areas with lighting, heaters, benches and lockers and a canteen for a rest area for heating and consumption of food and drink (designated no smoking area) complete with access to a sink, hot and cold running water, Microwave for heating food, Kettle to provide boiling water, tables and seats with back rests.

Site management is required to ensure that all site welfare facilities are maintained in a clean and serviceable condition throughout the duration of this project.

All site personnel are reminded of their legal duty under section 7(b) of the Health and Safety at Work Act 1974 to not intentionally or recklessly interfere with anything provided in the interests of Health, Safety and Welfare.

2.14 Accident Reporting

All accidents and incidents, including near misses, must be reported to Robertson Group to allow them to be recorded, investigated and wherever possible avoided in the future. Certain incidents are also reportable to the HSE under RIDDOR.

The Project / Site Manager will record all details and pass to the Robertson Group/Regional SHE Manager.

The details of all accidents must be entered in the accident book and all reportable accidents and dangerous occurrences will be reported to the Health and Safety Executive.

All accidents and incidents will be formally investigated by the Robertson Regional SHE Manager and the outcome of the investigation used to inform future practice. The results will also be discussed at the next safety meeting and arrangements made to put any required remedial actions into practice elsewhere within the company.

All project staff and contractors will be advised of the benefits of reporting near misses and positively encouraged to report all such incidents either formally or informally to the site management staff. The site Manager or his nominee will formally record such reports and pass them on to the Robertson Regional SHE Manager.

In discussions with employees during regular visits, the Robertson Regional SHE Manager will encourage the reporting of all accidents, no matter how insignificant they may first appear.

Suitable first aid facilities and accident book will be located at: TBC, usually the site office but will depend on final office arrangements with MAG

There will be at least 1 trained personnel in emergency first aid and will be on site at all times.

The closest Accident and Emergency Department is located at: Manchester Royal Infirmary, Oxford Road, Manchester, M13 9WL (1.8 miles).

Hospital with A and E: Manchester Royal Infirmary, Oxford Road, Manchester, M13 9WL (1.8 miles).

Telephone number: 0161 276 1234

2.15 Site Rules

The following are the core sites rules.

Failure to comply with these rules may result in disciplinary action.

General

- Everyone is empowered to intervene wherever they witness an unsafe act or an unsafe condition.
- Everyone is empowered to refuse to start work, or to stop work, wherever they feel their safety has or will be compromised.
- Everyone is empowered to refuse to start work, or to stop work, wherever they feel the natural environment has or will be subject to significant harm.
- No work shall be commenced unless you understand the hazards, risks, control measures to be adopted, safety critical aspects of tasks to be performed and the task specific supervisory arrangements.
- Safe systems of work shall be adhered to at all times.
- Personnel shall only perform tasks that they have authorised to do by their supervisor or manager – and then only if they are competent to do so.
- Personnel shall have an appropriate training registration scheme card in accordance with RGN3 – Sully Qualified Workforce.
- Personnel shall take reasonable care of the Health and Safety of themselves – and others who may be affected by what they do, or fail to do.
- Safety signs and notices shall be obeyed.
- Safety devices shall not be tampered with or rendered ineffective.
- Where a permit to work system, or other similar control is in operation, its requirements shall be adhered to.
- All personnel shall co-operate with their employer on Health and Safety matters.
- All injuries received on site shall be reported to Robertson site management and recorded in the accident book.

Personnel shall:

- Work in a safe manner.
- Report all unsafe conditions to their supervisor / manager.
- Comply with site rules and any additional requirements or restrictions specified wither by Robertson Group or the Client.
- Co-operate with management in accident and incident investigation.
- Keep all work areas clean and tidy and free from potential hazards.
- Inspect their tools and equipment prior to use and only use if it is safe to do so.
- Report any damage to plant or equipment to their supervisor / manager immediately.
- Be conversant with arrangements for the following:
 - Summoning first aid
 - Site-wide emergency arrangements
 - Dealing with environmental spills and contamination
- Wear prescribed PPE.
- Refrain from running.
- Smoke only in designated areas.

2.16 Client Specified

Client specific rules are as follows:

Site Hours and Noise Restriction

Monday – Friday	07.00am - 17:00pm
Saturday	No Saturday working
Sunday	No Sunday working

2.17 Site Fire Management Plan

The Site Fire Management Plan is produced as a separate document and is available on request. This describes the matters taken into account when determining the fire risk and control measures for the project. This has been compiled in conjunction with the Fire Risk Assessment carried out by Bull Fire.

The following measure will be in place specifically for this work area:

- RCG will take control of the defined area and be fully responsible for Fire Management within that area
- Specific RCG Managers will be assigned as Fire Warden
- Before works commence Marlow will change the existing smoke detector to a heat detector within the work zone – this ensures continued detection out of hours on the buildings existing detection and warning system
- Marlow will install a temporary detection and sounder in the work area linked to the existing FA panel located in the Security Lodge
- In the event of the RCG or MAG alarm being activated a full building evacuation will commence
- In the event of the RCG alarm being triggered the Security Lodge will notify RCG who will immediately inspect the area and confirm if it's a real or false alarm.
- MAG Security will coordinate with the Fire Brigade to confirm if a call out is required or not
- Existing Fire Escape routes to be maintained
- RCG will be responsible for ensure all their workforce is off site and accounted for
- RCG Fire Coordinator (or Deputy) will report to MAG Fire Coordinator and be the single point of contact throughout the event
- RCG will provide Fire Points within all work areas

Project Name	Manchester Art Gallery	Project Number	630042
EMERGENCY SITE TELEPHONE NUMBERS			
Site Telephone Number			
Police	101	Emergency	999
Fire	As emergency	Emergency	999
Ambulance	111	Emergency	999
Utilities			
Gas		National Grid - 0800 111 999	
Electricity		Electricity North West - 105	
BT		BT – 0800 023 2023	
Water		United Utilities – 0345 672 3723	
Environmental Agency / SEPA			
Health and Safety Responsibilities – Nominated Persons			
First Aid		Nick Cook 07584 225 084	
Accident Reporting		Alex Wignall 07799 638 130	
Temporary Works		Nick Cook 07584 225 084	
SHE Advice / Guidance		Alex Wignall 07799 638 130	
Robertson Project Management			
Name (Print)	Title	Telephone Number	Mobile Number
Mark Walker	Project Director/Senior Manager		07471 110 352
Nick Cook	Project Manager		07584 225 084
Gina Grey	Site Manager		07780 309 736
Greg Hurst	Quantity Surveyor		07824 384 592
Nick Cook	T W Coordinator		07584 225 084
Robertson Regional Management			
Name (Print)	Title	Telephone Number	Mobile Number
Dirk Pittaway	Regional Managing Director		07818 528 643
Peter Grieve	Operations Director		07901 532 665
Alex Wignall	Regional SHE Manager		07799 638 130
TO BE DISPLAYED ON SITE			

2.18 Production and Approval of Safe Systems of Work

All contractors carrying out design and / or construction work on the project shall identify from the project plan those hazards and risks associated with their work on the project.

Any employer of personnel working on the project shall produce and submit sufficient information to allow a safe system of work to be developed. This shall incorporate, as appropriate, risk and associated assessments together with a method statement detailing how the work is to be undertaken safely. The safe system of work submitted should demonstrate how the risk has been reduced to the lowest extent reasonably practicable.

The safe system of work shall be evaluated using the RAMS Review Form – Form **RG-HS-09-FOR-002**

3.0 Managing Significant and Particular Risks

3.1 Delivery and Removal of Materials

For this works area all vehicles will be loaded / unloaded within the hoarded area on George Street. Materials will be moved in / out of the gallery via the existing Gallery loading bay and good lift on George Street. The RCG gate person will allow the vehicle access / egress from the gates and ensure they remain shut and locked at all times to avoid unauthorized access to the site compound.

The concrete for the new floor will be pumped from a static pump located on George Street via a window. No wash out on site allowed.

The subcontractors will provide equipment for the offloading and distribution of materials as follows:

- Materials deliveries will be co-ordinated by the Site Manager. All deliveries will have scheduled delivery times in order to avoid clashing with busy traffic periods on the surrounding roads.
- All debris, redundant materials, etc. are to be collected on a daily basis and removed from the building in large or standard wheelie bins to the designated waste storage area on George Street. Bins to be emptied on a regular basis via compactor lorry
- All non-hazardous materials are to be disposed of at a registered tip approved by the Waste Regulation Authority.
- All hazardous materials and their containers are to be disposed of using sealed COSHH bins off site in a safe and competent manner, as approved by the relevant Waste Regulation Authority and in accordance with current legislation.
- No burning of waste will be permitted within the vicinity of the site.
- The Site Manager will be responsible for ensuring that all waste is disposed of in a safe and competent manner using only approved, appropriate tips and will retain all waste transfer documentation on site for audit purposes. Site Waste Management Plans shall be adopted, monitored and reviewed where appropriate on Smartwaste.
- Robertson Group will provide labour to maintain the general cleanliness of the site. Individual subcontractors will be responsible for maintaining their own working areas and operations in a clean and safe condition.

Notes:

- All parking on George Street Suspended
- New disabled bays to be marked on Nicholas St



- Welfare cabins
- CCTV
- Waste collection area
- Material off loading area
- Turnstile
- 3m high timber hoarding
- Vehicle gate
- Fire exit
- Red / White barriers



Project:
MANCHESTER ART GALLERY

Drawing Title:
WP08 – Logistics Details –
Nicholas & George Streets

Drawn by: NC Date: Ref:

3.2 Statutory Services

All existing services adjacent to the site will remain in use undisturbed by the construction works or traffic.

3.3 Adjacent Land Users

For Robertson Group one of the key priorities on any project is to ensure all parties fully understand the issues affecting the delivery of the project. On this project, it will encompass representatives from:

- Manchester Art Gallery
- Manchester Metrolink
- Manchester City Council including Highways and Parking
- TfGM – bus stop suspension
- Local businesses and restaurants

To achieve this, Robertson Group will encourage and instigate dialogue between all involved parties from the outset of the project. The emphasis of these meetings is to address and resolve a number of key construction, safety and communication issues, so that everyone understands the varying interests affecting Robertson and the Client whilst construction is underway. A summary of these key issues is listed in the sections below.

3.4 Construction Issues

- **Tram network not affected by these works**
- Road closure required to install welfare cabins – agree with MCC
- All deliveries will be booked in advance to avoid clashing with Manchester Art Gallery deliveries and operations.
- **Working hours:**
 - Monday – Friday 07.00am - 17:00pm
 - Saturday No Saturday working
 - Sunday No Sunday working
- Interface with public / MAG staff – all construction work to be segregated from Gallery operations
- Control of noise during the works so as not to cause disruption to the gallery operations
- Control of dust during the works so as not to cause disruption to the gallery operations
- Hot works – eliminate the need for hot works wherever possible by design, specification, and equipment / methodology

3.5 Health and Safety Issues

Key Health & Safety Risks:

- Secure site – especially where high risk activities are ongoing.
- Material storage – safe compound.
- Safe access to buildings.
- Material / waste distribution around MAG
- Cleaning – vehicle, dust.
- Lifting operations
- Working at height.
- Hot works.
- Manual handling.
- Scaffold works
- Protection of building and art works
- Segregation of public
- Segregation of MAG operations and staff
- Fire detection and warning
- Dust control
- Noise control
- Vibration control
- Uncovering unknowns

3.6 Preventing Falls

All working at height will be controlled as required by the Working at Height Regulations with necessary safe systems of work completed as required to suit site conditions. Leading edges will be protected and scaffolds erected as required.

Internally we will use MEWPS to access works at height as well as podiums. Aluminum towers and ladders will only be allowed in areas with restricted space where other means can not be used and will be controlled under a Permit to Use system.

3.7 Maintenance of Plant and Equipment

Current test and examination and inspections records shall be retained and maintained as necessary. Weekly plant inspections will be undertaken by plant operatives and recorded on standard forms.

Before any plant repairs are carried out on site RAMS are to be issued and agreed and operatives inducted.

3.8 Works Involving Excavations

Roberson Group shall control all excavation works on the site under Permit to Break Ground - form **RG-HS-13-FOR-001**.

All excavation works shall be managed under the temporary works process and shall be subject to a temporary works design. The extent of the design shall be in accordance with RGN1 – Temporary works designs – Trenches and Excavations.

No excavation works shall commence until a risk assessment has been developed and a safe system of work has been agreed. Throughout the excavation work the Site Manager will monitor the operation to ensure method statements and risk assessment controls are being followed. All excavations must be examined daily and the results of the formal weekly inspection entered on Form **RG-HS-32-FOR-001** – Inspection Record.

It is important that excavations are properly planned with adequate support, or battered systems developed to prevent collapse. All traditional or proprietary support systems must be adequately planned and designed.

3.9 Site Traffic Management Plan

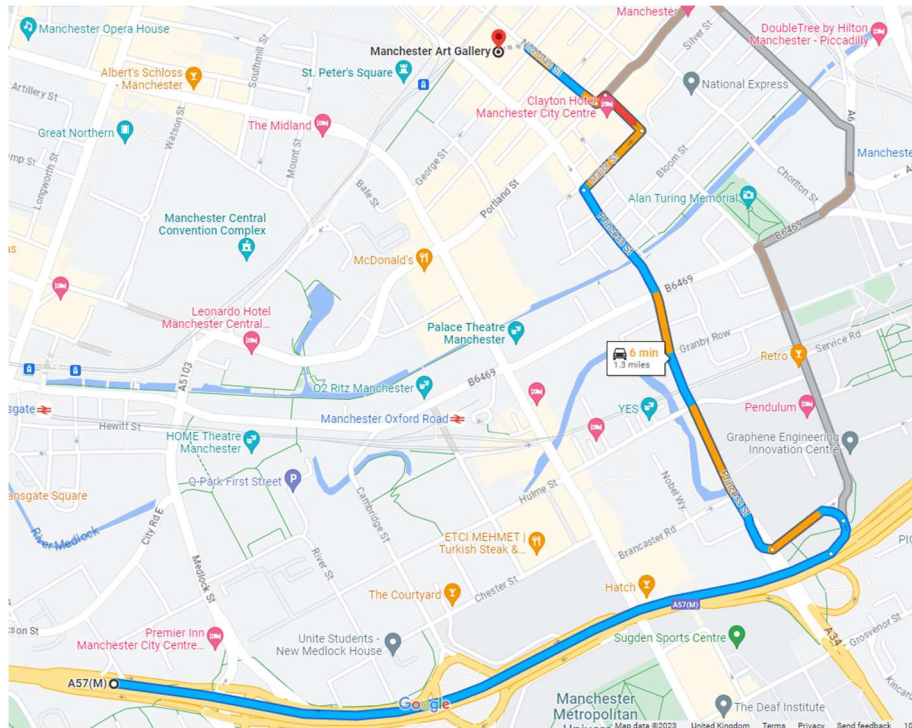
The site is very limited for space for vehicle movement.

There will be no works in the vicinity of the tram network.

Vehicles will access the compound for this works area via George Street and exit onto Princess Street as detailed in previous sections.

Pedestrians will be kept separate from vehicles by using separate site entry and exit points and barriered footways where possible. Pedestrians will have a good view of any vehicles at gates and other crossings. When vehicles exit onto Princess Street the RCG Gateman will ensure public pedestrians are stopped before the vehicle exits site.

Vehicle Access:



3.10 Storage of Materials

On arrival, all delivery drivers will report to the gate person. Materials will be offloaded and transported directly into the building or to the designated storage areas in the compound.

Subcontractors will provide equipment for the offloading and distribution of materials.

Material deliveries will be coordinated by Robertson Group Project / Site Manager. All deliveries will have scheduled delivery times in order to avoid clashing with busy traffic periods on the surrounding roads and to coordinate with the Gallery.

3.11 Asbestos Removal

A full Refurbishment and Demolition survey has been carried for the works area and no asbestos has been detected.

3.12 Contaminated Land

A small area of ground with elevated levels of heavy metals has been detected. This will be excavated, segregated and removed from site by the specialist subcontractor. Full risk assessments and method statements will be provided by the Contractor

3.13 Manual Handling

Except under special circumstances no manual handling assessment will be required for loads of 20kg or under. For loads over 20kg and where there is a foreseeable risk of any injury to employees the Site Manager must carry out an assessment of any risk. The appropriate hierarchy of control will be applied. Employees involved in the manual handling operation will be informed of the risk and the control measures required to be taken by them.

3.14 Noise

Robertson are mindful of the disruptive affect that excessively noisy operations can have on the occupants of adjacent areas and property and accordingly the Project Team will ensure that all work will be carried out in accordance with current Noise at Work Regulations.

Notwithstanding the above, the following noise control procedures will be applied:

- All current legislation, noise abatement orders, guidance notes and codes of practice will be consulted and strictly adhered to.
- Where necessary noise levels will be monitored and noise assessments carried out.
- Noisy plant and equipment will be located to provide minimum disturbance.
- Plant, wherever practicable, will be electrically powered.
- All plant and machinery will be fitted with efficient exhausts, silencers and mufflers and maintained in good condition.
- All compressors used on site shall have 'sound reduced' units fitted with acoustic linings or enclosures and all ancillary pneumatic percussive tools will be fitted with mufflers or silencers of the type recommended by the manufacturer.
- Construction works will be communicated to Manchester Art Gallery on a weekly basis.
- All planned noisy works/activities will be highlighted to Manchester Art Gallery to avoid interference with the buildings operations.

3.15 Vibration

The use of equipment which produces vibration will be avoided wherever reasonably practicable. However, some operations may require the use of hand held power tools including breakers, abrasive wheels etc.

The vibration produced by this type of equipment can have an adverse effect on the upper limbs and in particular the nerves and muscles of the hand and fingers of the people operating them.

In the long term this may lead to permanent damage know as Hand Arm Vibration Syndrome (HAVS). The best known of these conditions is Vibration White Finger (VWF), which is caused by damage to the blood circulation in the hands and fingers.

A regular vibration maximum exposure level of 2.5m/s^2 (daily average), which equals 100 points on the HSE points system, is the exposure action value (but exposure should be reduced to as low as is reasonably practicable – Robertson Group aim to limit exposure to below 100 points per day and record any exposure above this). Above this daily average exposure of 2.5m/s^2 , a programme of preventative measures and health surveillance should be introduced. An assessment of the hazards created by equipment that produces vibration must be undertaken to prevent, or where this is not reasonably practicable, reduce and control the risks of vibration. These assessments will be undertaken by the site manager with assistance from the Regional SHE Manager as necessary.

Manufacturers or supplier's information should be used as guidance and low vibration plant and equipment should be specified and used wherever possible.



- Welfare cabins
- Parking bay suspension
- Turnstile
- 3m high timber hoarding
- Vehicle gate
- Fire exit
- Red / White barriers

Notes:

- All parking on George Street Suspended
- New disabled bays to be marked on Nicholas St
- Red bulkhead lights to outside of hoarding
- Pedestrian signage on pavements

MANCHESTER ART GALLERY

WP08 – Logistics Details

Notes:

- All parking on George Street Suspended
- New disabled bays to be marked on Nicholas St



- Welfare cabins
- CCTV
- Waste collection area
- Material off loading area
- Turnstile
- 3m high timber hoarding
- Vehicle gate
- Fire exit
- Red / White barriers



Project:
MANCHESTER ART GALLERY

Drawing Title:
WP08 – Logistics Details –
Nicholas & George Streets

Drawn by: NC	Date:	Ref:
-----------------	-------	------